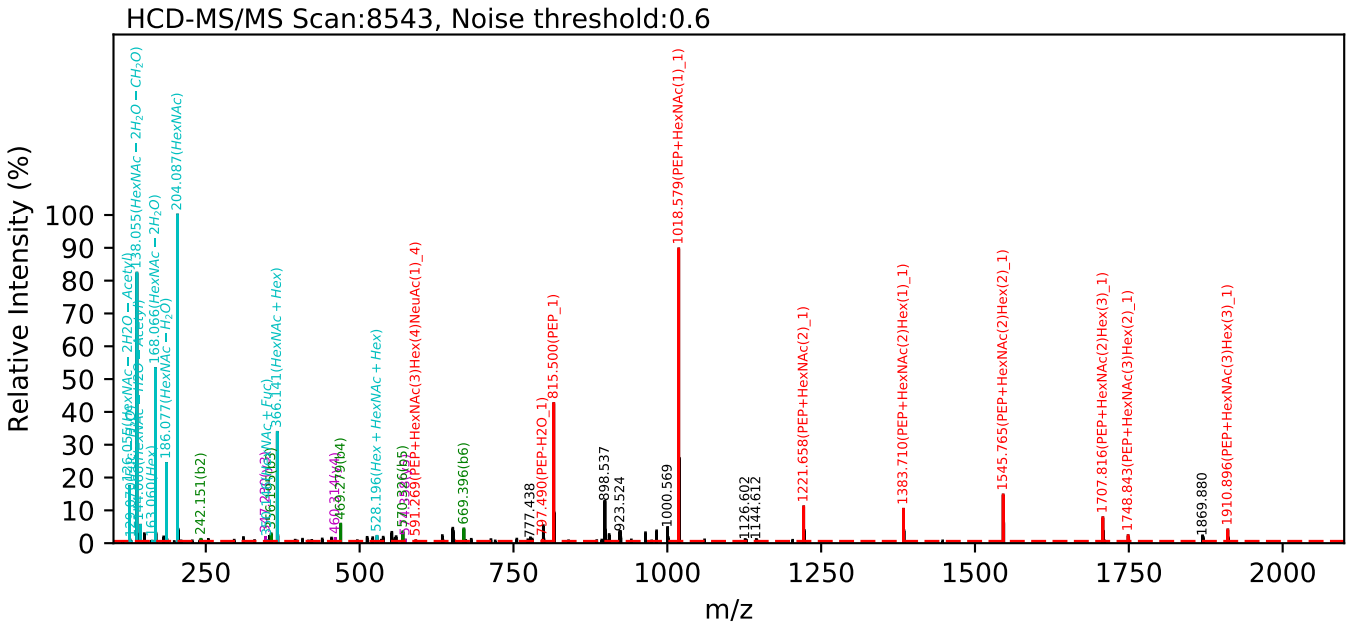
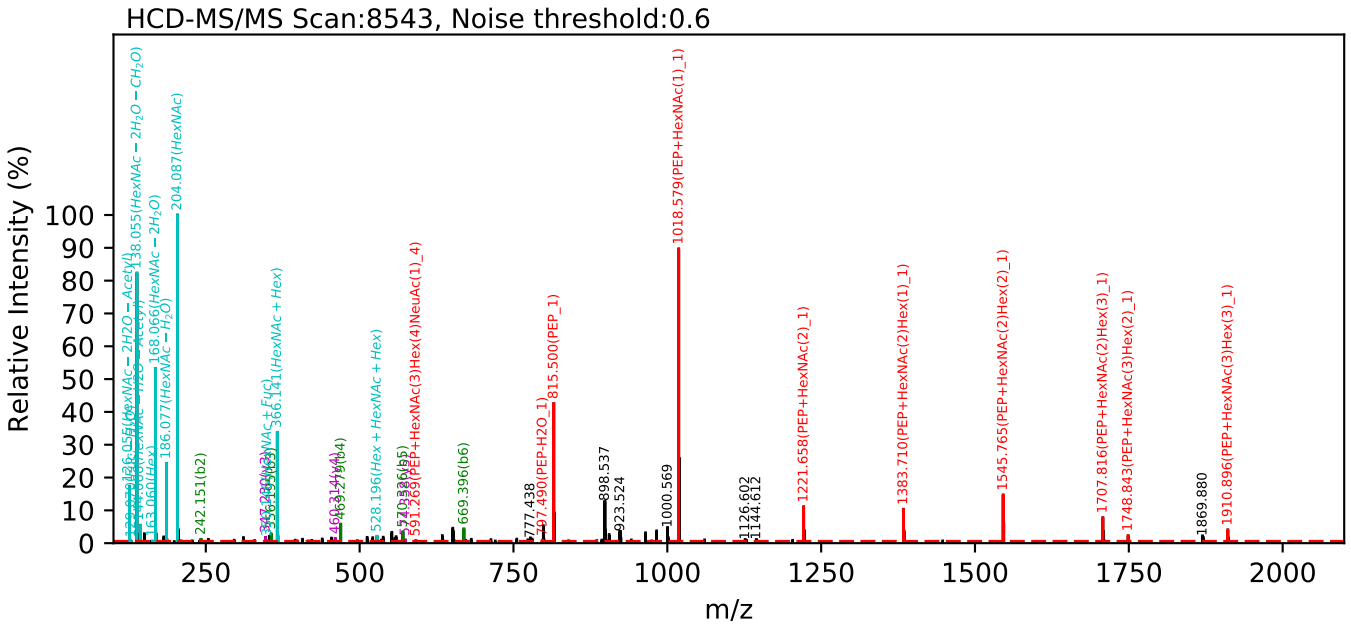
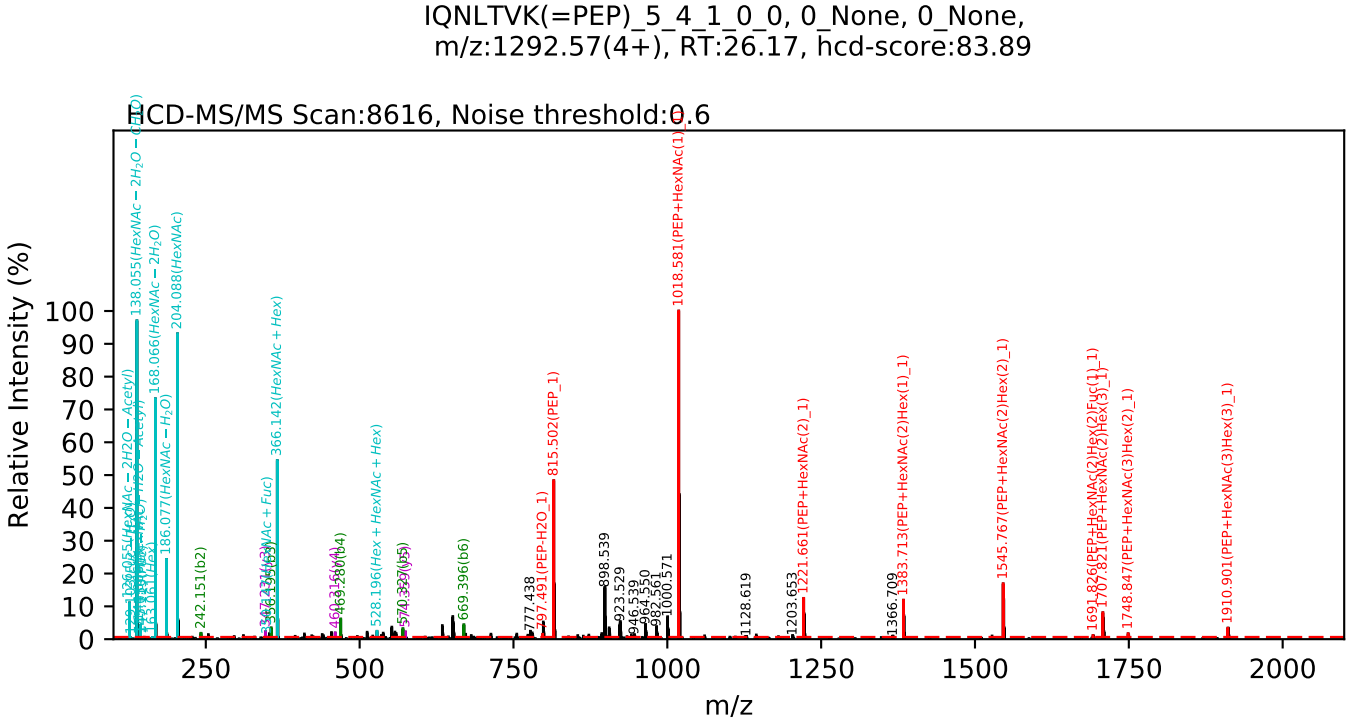
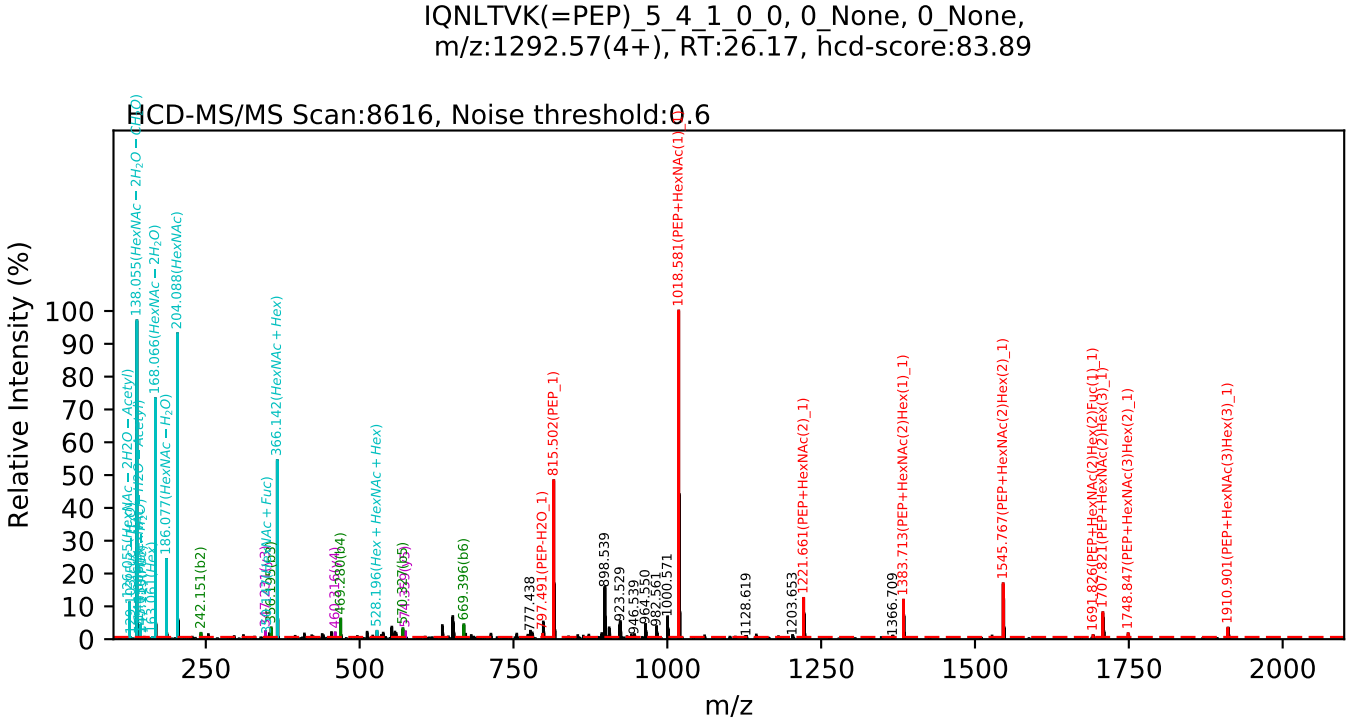
IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:26.03, hcd-score:87.50



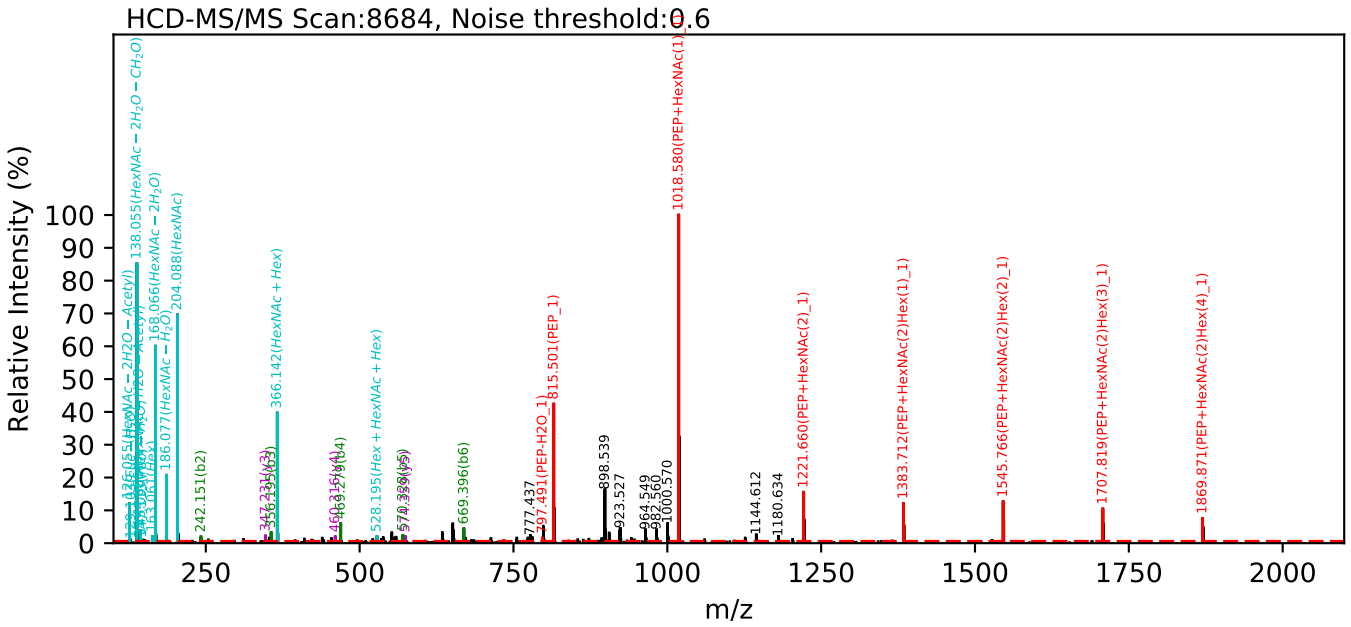
IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:26.03, hcd-score:87.50



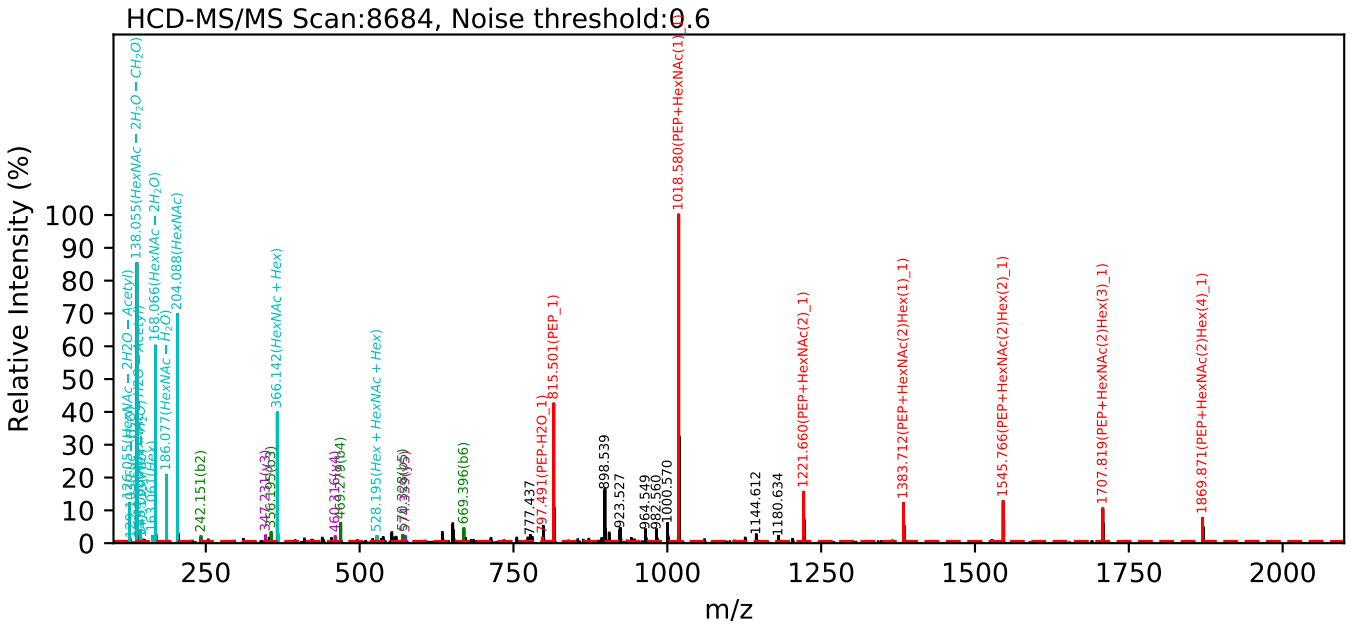

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:26.17, hcd-score:83.89
HCD-MS/MS Scan:8616, Noise threshold:0.6
Relative Intensity (%)
m/z
1018.581(PEP+HexNAc(1)_1)
815.502(PEP_1)
366.142(HexNAc+Hex)
242.151(b2)
204.088(HexNAc)
186.077(HexNAc−H2O)
168.066(HexNAc−2H2O)
138.055(HexNAc−2H2O−Acetyl)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
669.396(b6)
528.196(Hex+HexNAc+Hex)
898.539
923.529
946.539
1000.571
1128.619
1203.653
1366.709
777.438
797.491(PEP-H2O_1)

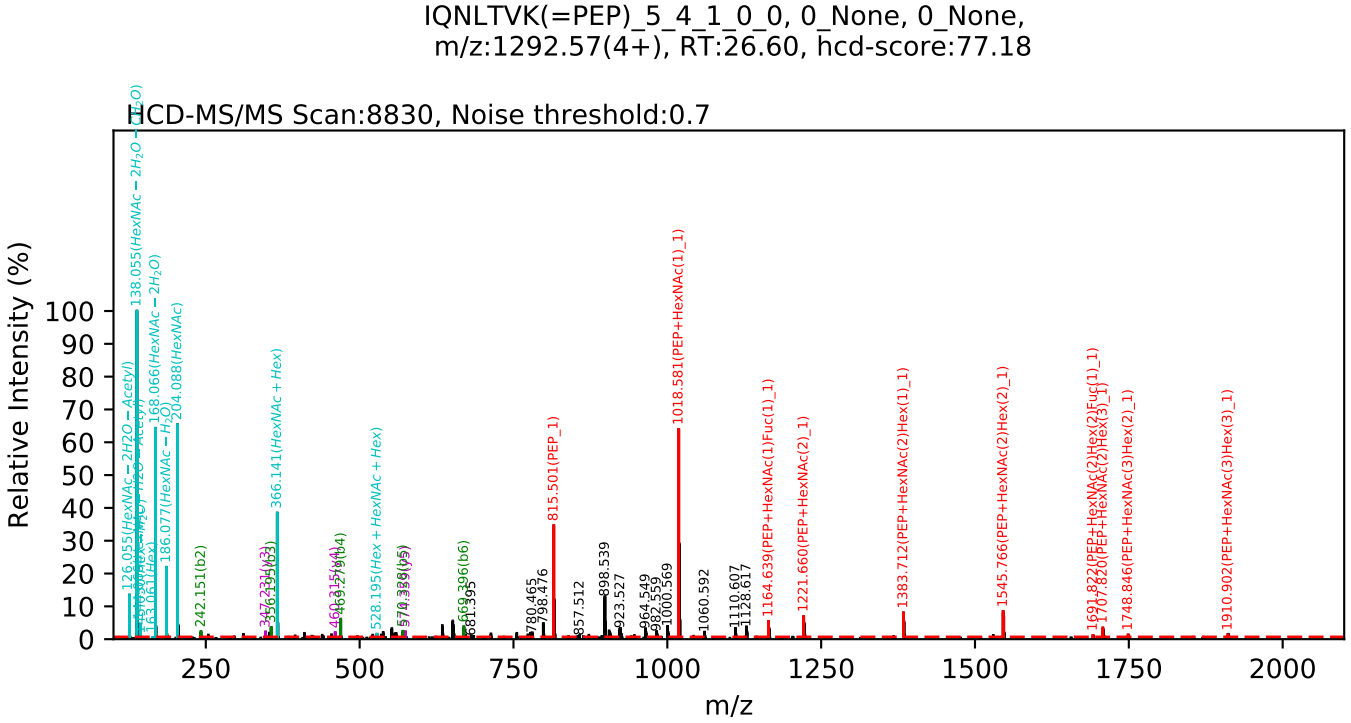

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:26.17, hcd-score:83.89
HCD-MS/MS Scan:8616, Noise threshold:0.6
Relative Intensity (%)
m/z
1018.581(PEP+HexNAc(1)_1)
815.502(PEP_1)
366.142(HexNAc+Hex)
242.151(b2)
204.088(HexNAc)
186.077(HexNAc−H2O)
168.066(HexNAc−2H2O)
138.055(HexNAc−2H2O−Acetyl)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
669.396(b6)
528.196(Hex+HexNAc+Hex)
898.539
923.529
946.539
1000.571
1128.619
1203.653
1366.709
777.438
797.491(PEP-H2O_1)

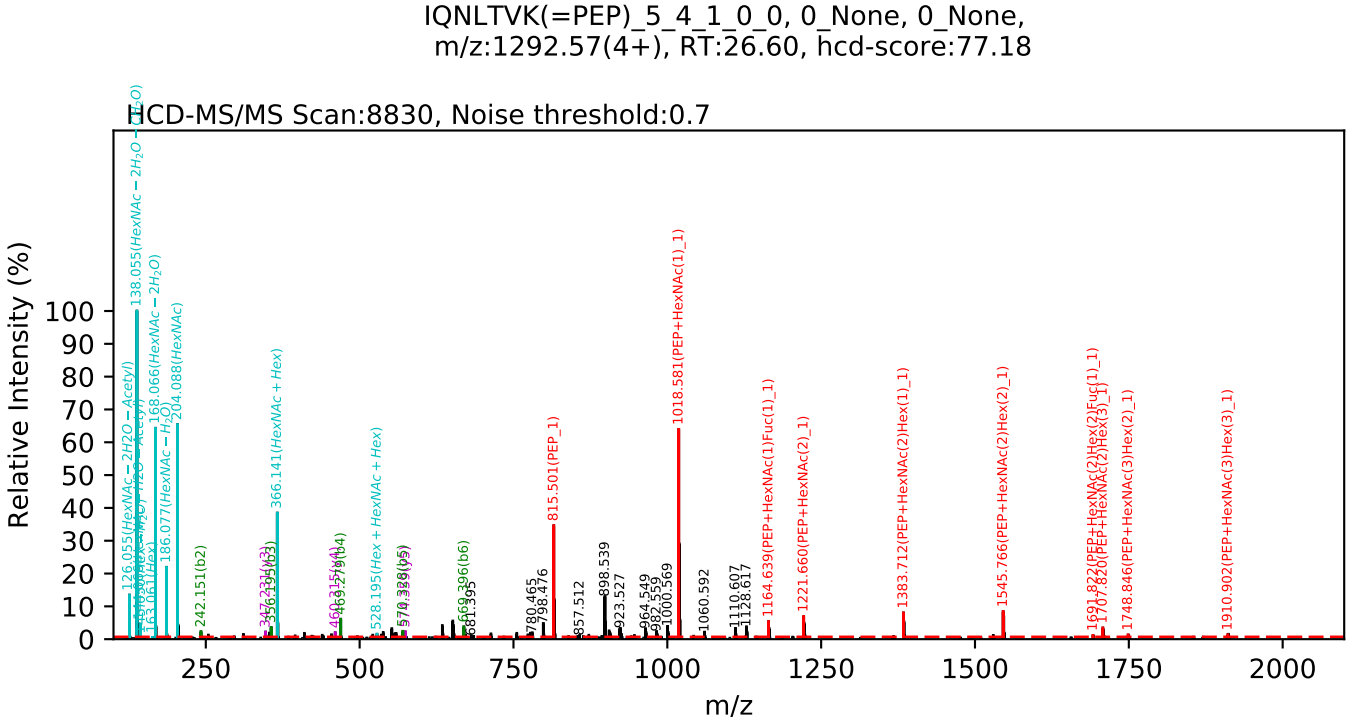
IQNLTVK(=PEP)_6_3_0_0_0, 0_None, 0_None,
m/z:1199.03(2+), RT:26.31, hcd-score:83.07

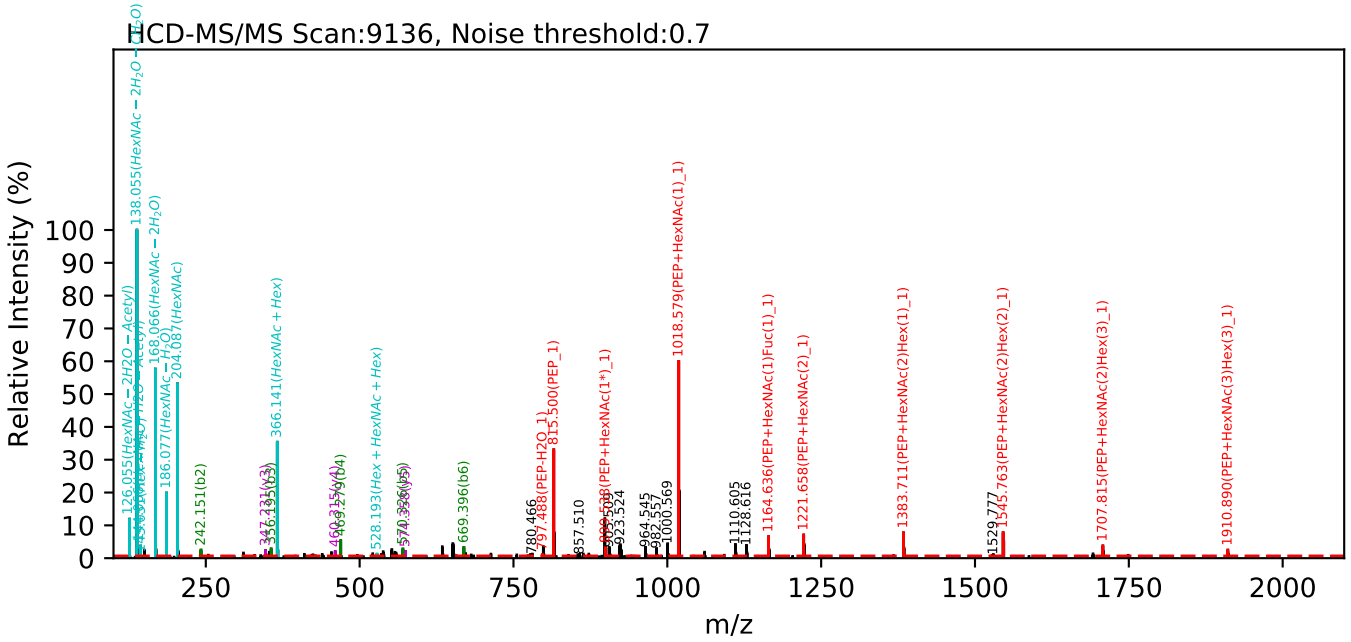


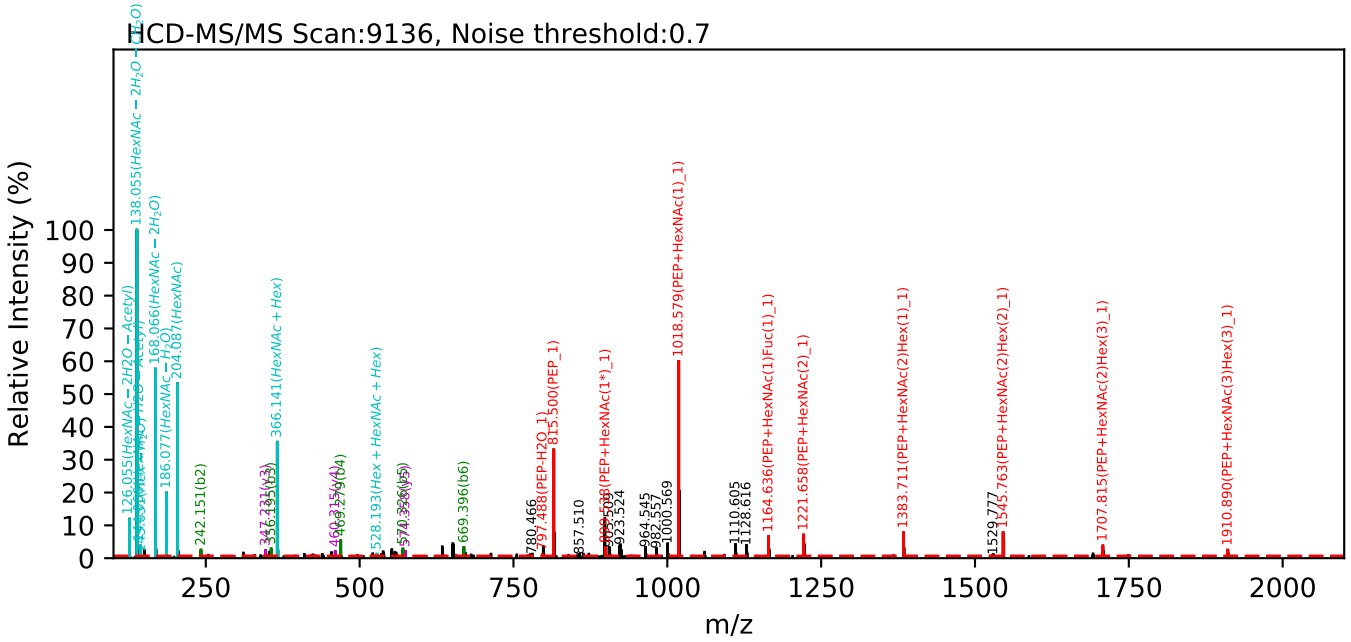
IQNLTVK(=PEP)_6_3_0_0_0, 0_None, 0_None,
m/z:1199.03(2+), RT:26.31, hcd-score:83.07

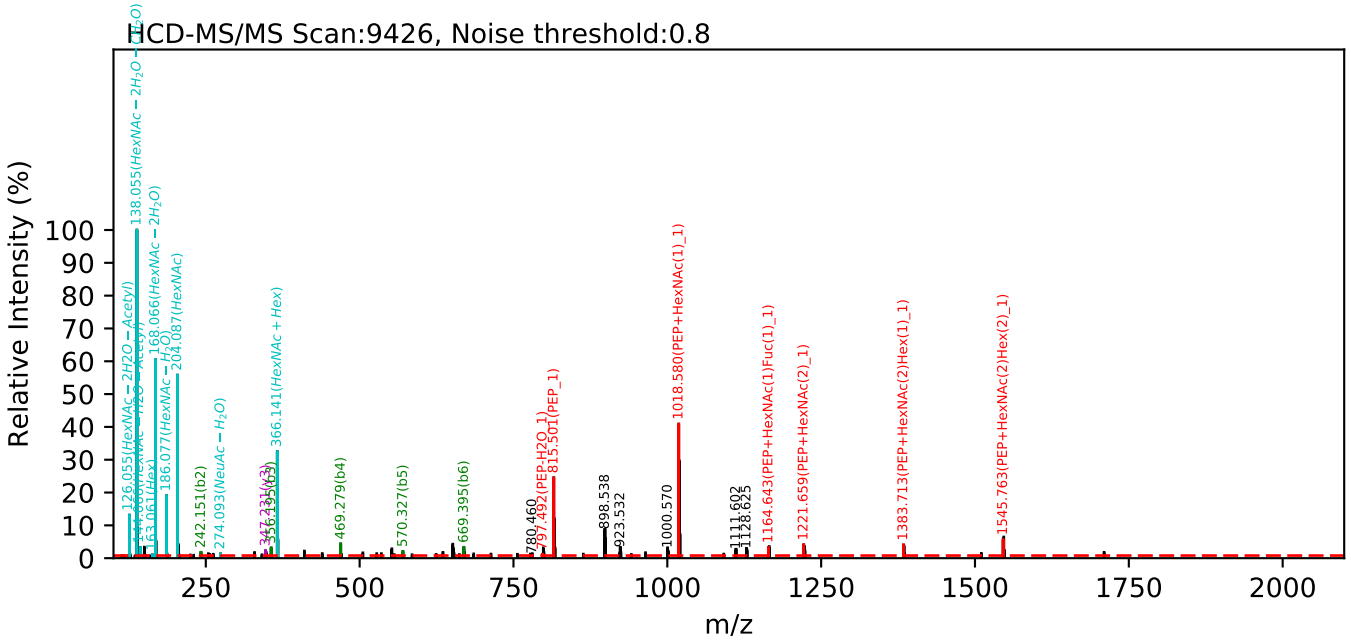


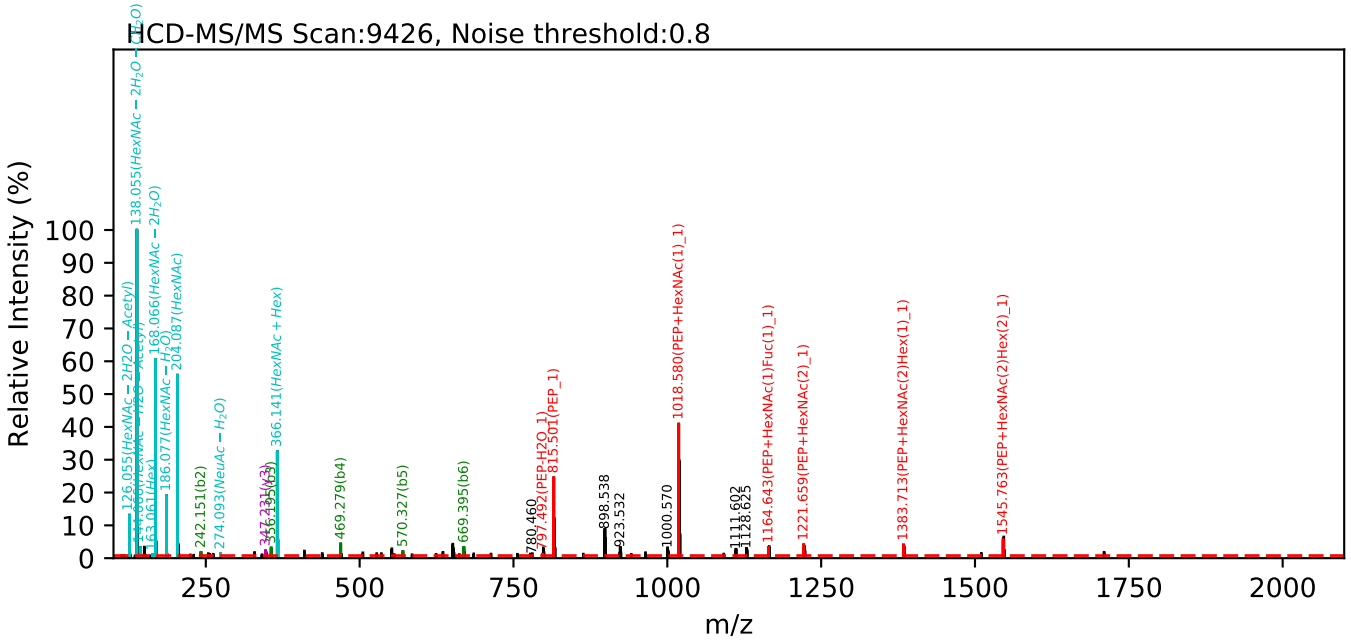

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:26.60, hcd-score:77.18
HCD-MS/MS Scan:8830, Noise threshold:0.7
Relative Intensity (%)
m/z
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − (H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
815.501(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1748.846(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)

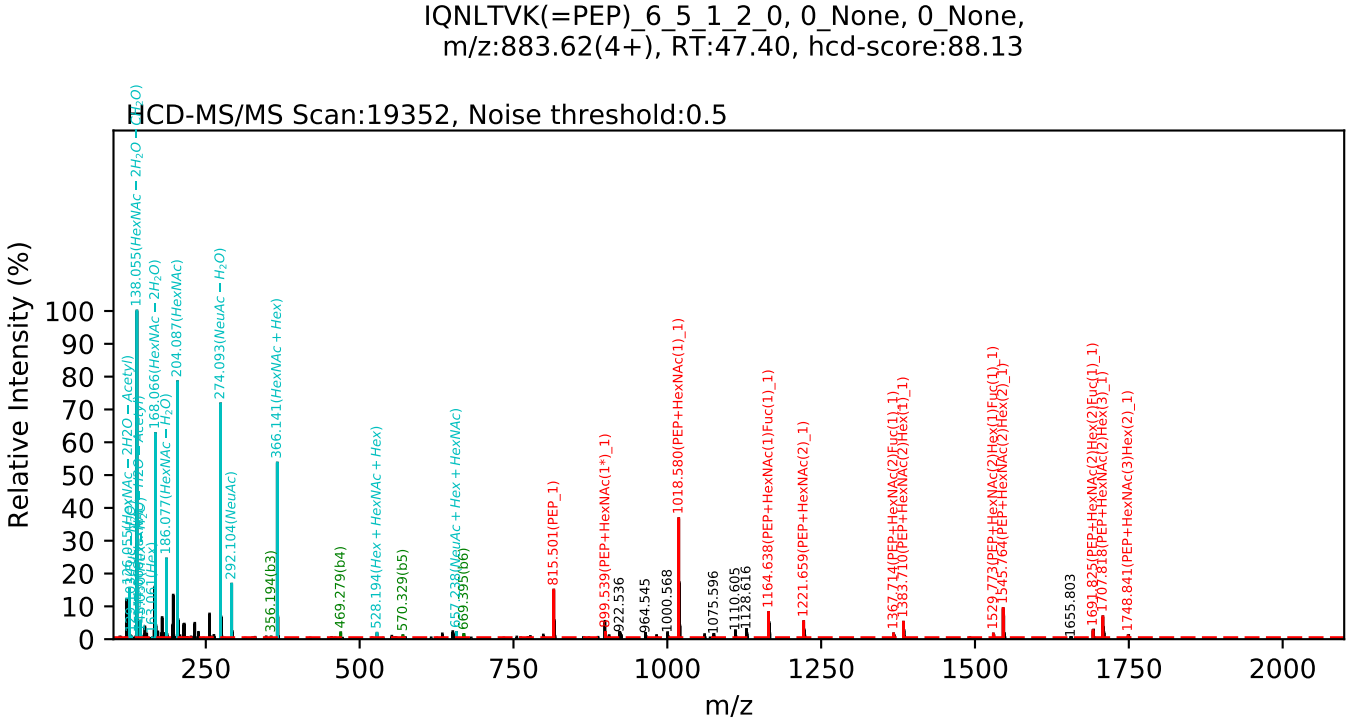

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:26.60, hcd-score:77.18
HCD-MS/MS Scan:8830, Noise threshold:0.7
Relative Intensity (%)
m/z
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − (H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
815.501(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1748.846(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)

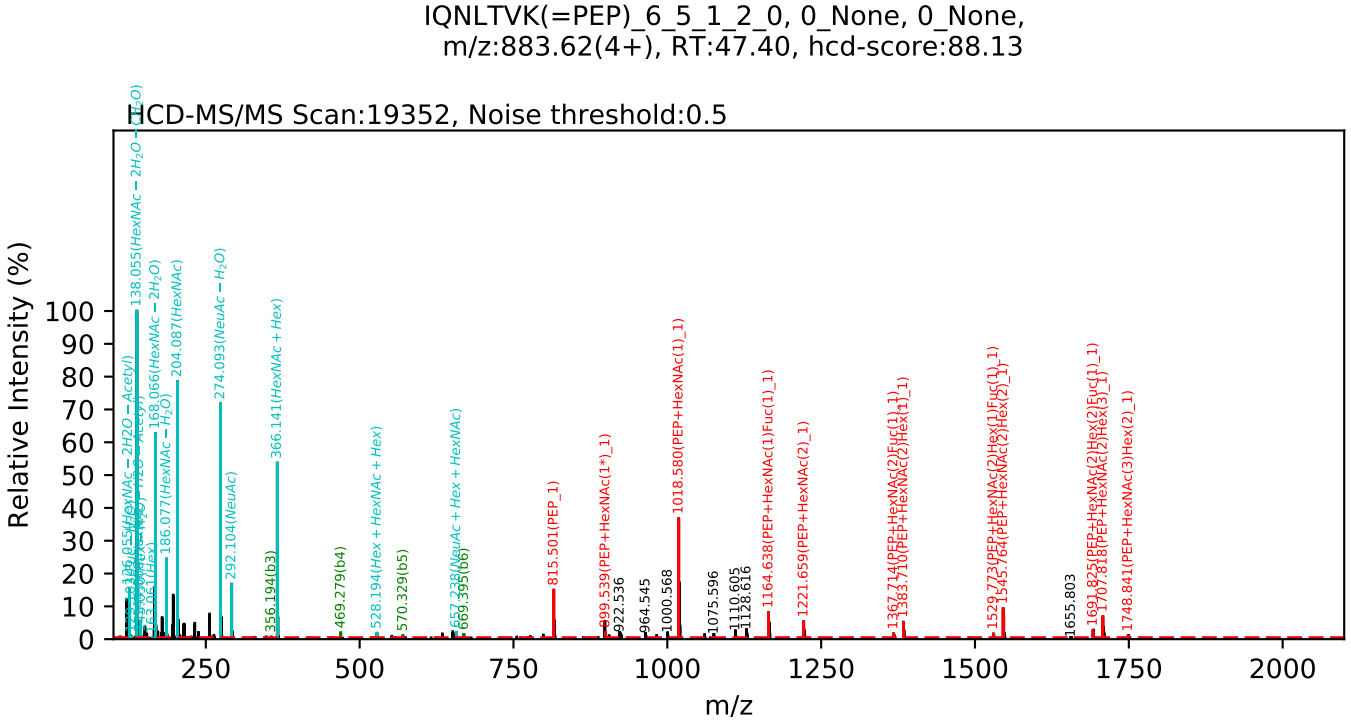

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:27.20, hcd-score:83.15
HCD-MS/MS Scan:9136, Noise threshold:0.7
Relative Intensity (%)
m/z
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − (H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
669.396(b6)
780.466
815.500(PEP_1)
857.510
923.524
1000.569
1018.579(PEP+HexNAc(1)_1)
1110.605
1128.616
1164.636(PEP+HexNAc(1)Fuc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1529.777
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.815(PEP+HexNAc(2)Hex(3)_1)
1910.890(PEP+HexNAc(3)Hex(3)_1)


IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:27.20, hcd-score:83.15
HCD-MS/MS Scan:9136, Noise threshold:0.7
Relative Intensity (%)
m/z
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − (H2O))
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
347.231(y3)
366.141(HexNAc + Hex)
460.315(y4)
469.279(b4)
528.193(Hex + HexNAc + Hex)
570.326(y5)
669.396(b6)
780.466
797.488(PEP-H2O_1)
815.500(PEP_1)
857.510
923.524
964.545
982.557
1000.569
1018.579(PEP+HexNAc(1)_1)
1110.605
1128.616
1164.636(PEP+HexNAc(1)Fuc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1529.777
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.815(PEP+HexNAc(2)Hex(3)_1)
1910.890(PEP+HexNAc(3)Hex(3)_1)

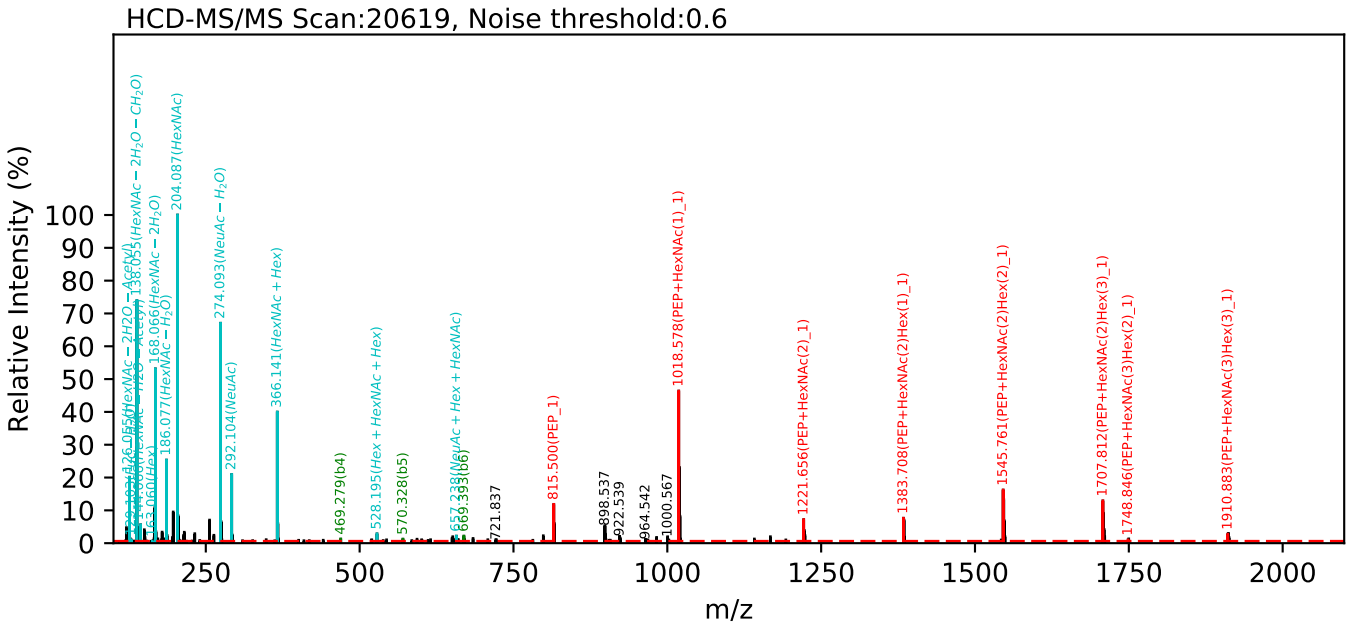

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:27.76, hcd-score:81.01
HCD-MS/MS Scan:9426, Noise threshold:0.8
Relative Intensity (%)
m/z
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − (H2O))
144.066(HexNAc − H2O − Acetyl)
163.061(Hex)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
274.093(NeuAc − H2O)
347.231(b3)
356.195(b3)
366.141(HexNAc + Hex)
469.279(b4)
570.327(b5)
669.395(b6)
780.460
797.492(PEP-H2O_1)
815.501(PEP_1)
898.538
923.532
1000.570
1018.580(PEP+HexNAc(1)_1)
1111.602
1128.625
1164.643(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)


IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:27.76, hcd-score:81.01
HCD-MS/MS Scan:9426, Noise threshold:0.8
Relative Intensity (%)
m/z
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − (H2O))
144.066(HexNAc − H2O − Acetyl)
163.061(Hex)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
274.093(NeuAc − H2O)
347.231(b3)
356.195(b3)
366.141(HexNAc + Hex)
469.279(b4)
570.327(b5)
669.395(b6)
780.460
797.492(PEP-H2O_1)
815.501(PEP_1)
898.538
923.532
1000.570
1018.580(PEP+HexNAc(1)_1)
1111.602
1128.625
1164.643(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)

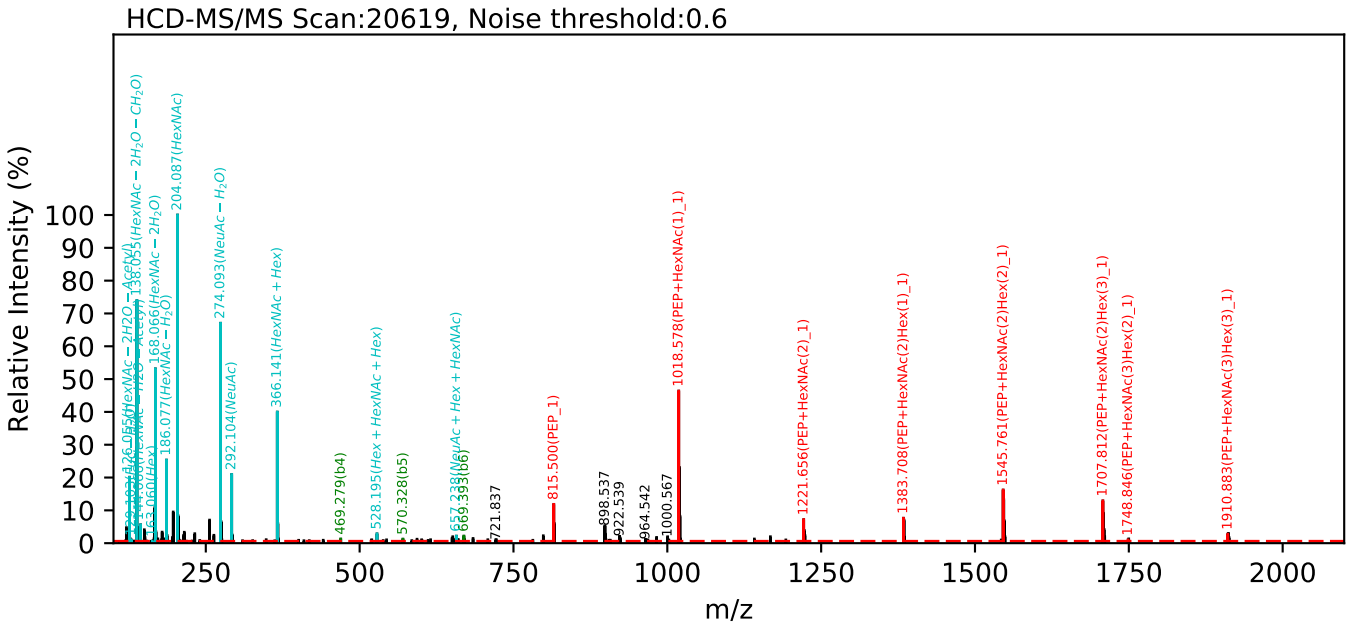

IQNLTVK(=PEP)_6_5_1_2_0, 0_None, 0_None,
m/z:883.62(4+), RT:47.40, hcd-score:88.13
HCD-MS/MS Scan:19352, Noise threshold:0.5
Relative Intensity (%)
m/z
138.055(HexNAc − 2H2O − Acetyl)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
356.194(b3)
366.141(HexNAc + Hex)
469.279(b4)
528.194(Hex + HexNAc + Hex)
570.329(b5)
815.501(PEP_1)
999.539(PEP+HexNAc(1*)_1)
1018.580(PEP+HexNAc(1)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1748.841(PEP+HexNAc(3)Hex(2)_1)


IQNLTVK(=PEP)_6_5_1_2_0, 0_None, 0_None,
m/z:883.62(4+), RT:47.40, hcd-score:88.13
HCD-MS/MS Scan:19352, Noise threshold:0.5
Relative Intensity (%)
m/z
138.055(HexNAc − 2H2O − Acetyl)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
356.194(b3)
366.141(HexNAc + Hex)
469.279(b4)
528.194(Hex + HexNAc + Hex)
570.329(b5)
815.501(PEP_1)
999.539(PEP+HexNAc(1*)_1)
1018.580(PEP+HexNAc(1)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1748.841(PEP+HexNAc(3)Hex(2)_1)

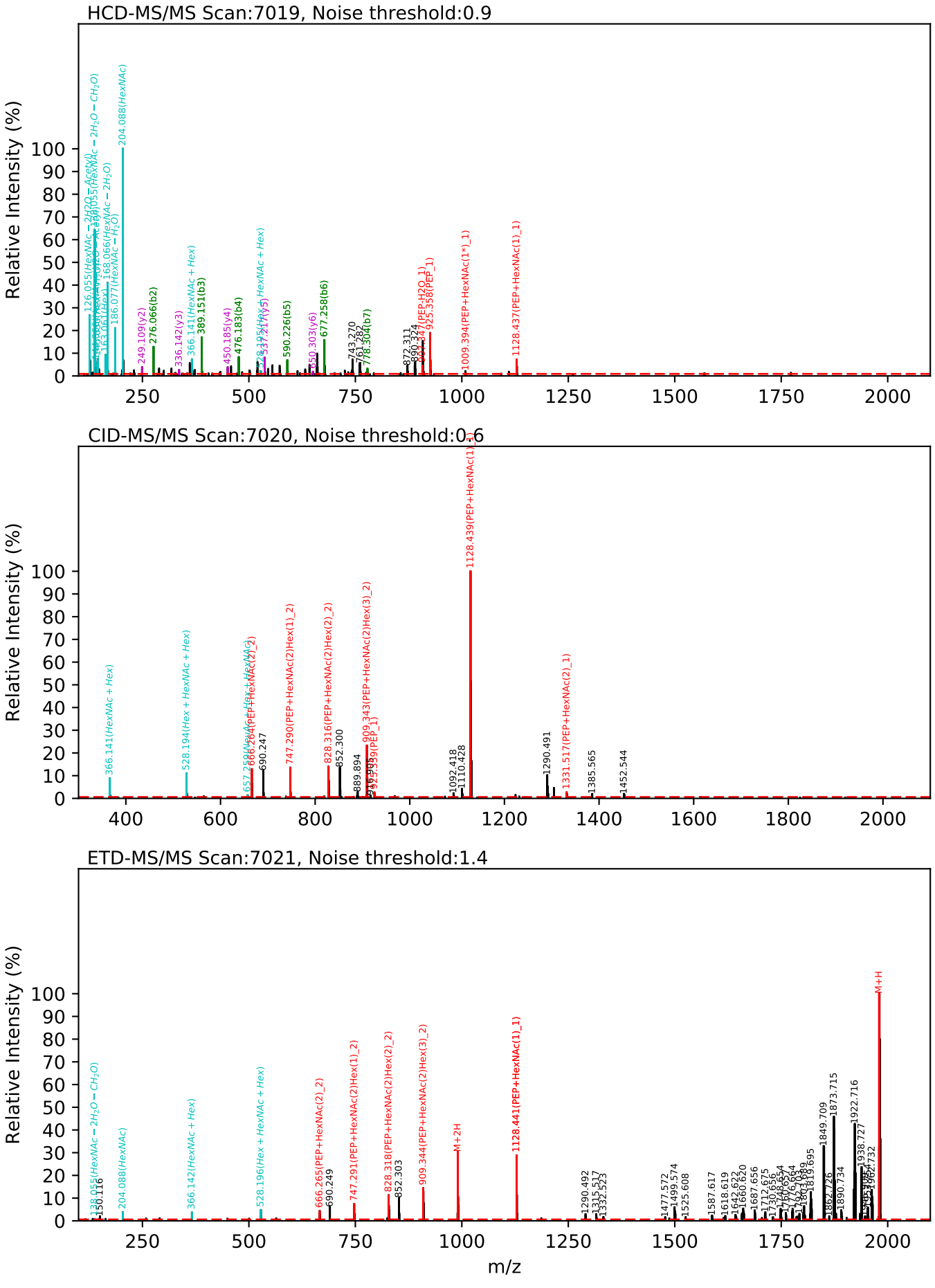
IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:49.95, hcd-score:90.54

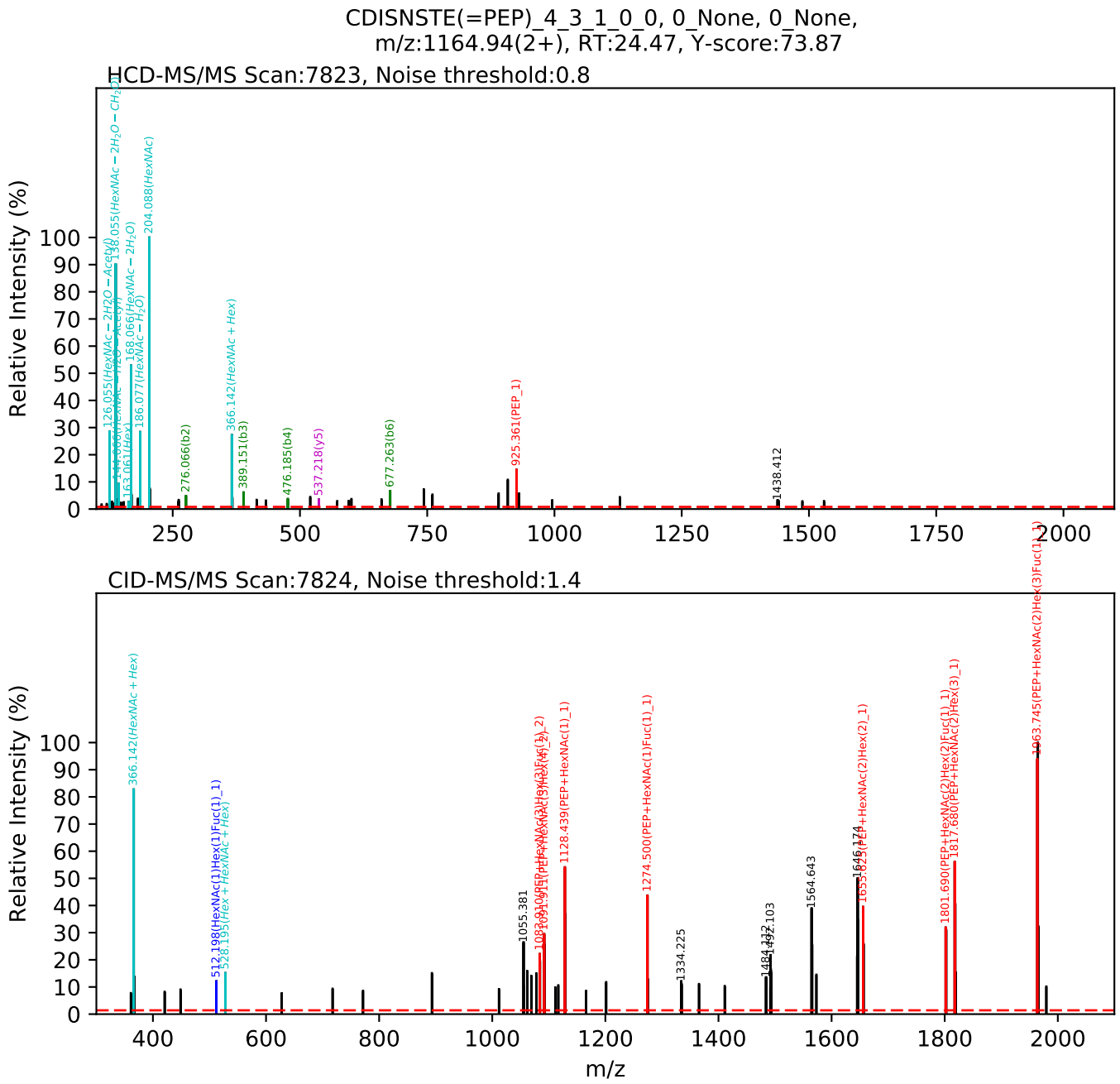


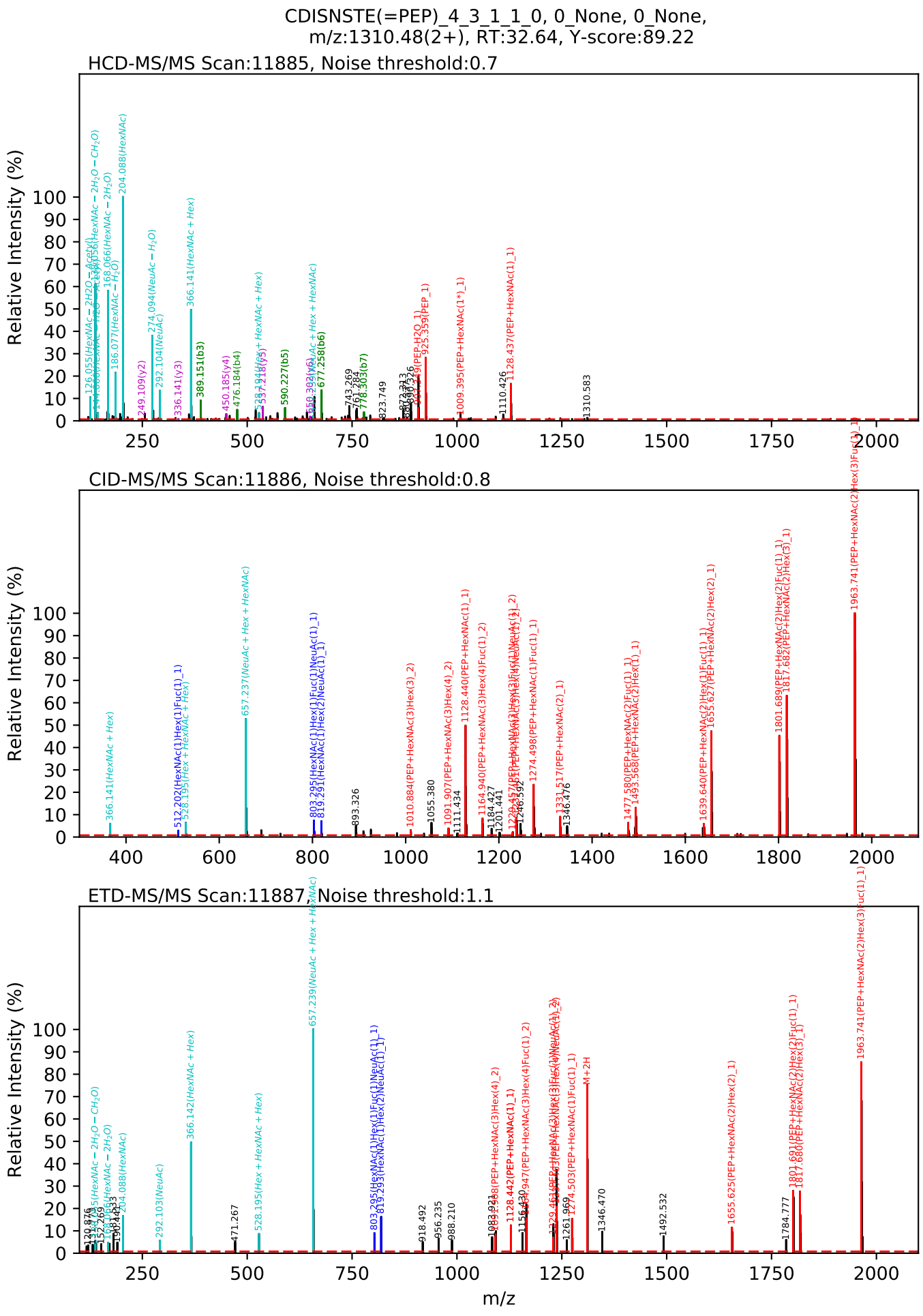
IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:49.95, hcd-score:90.54

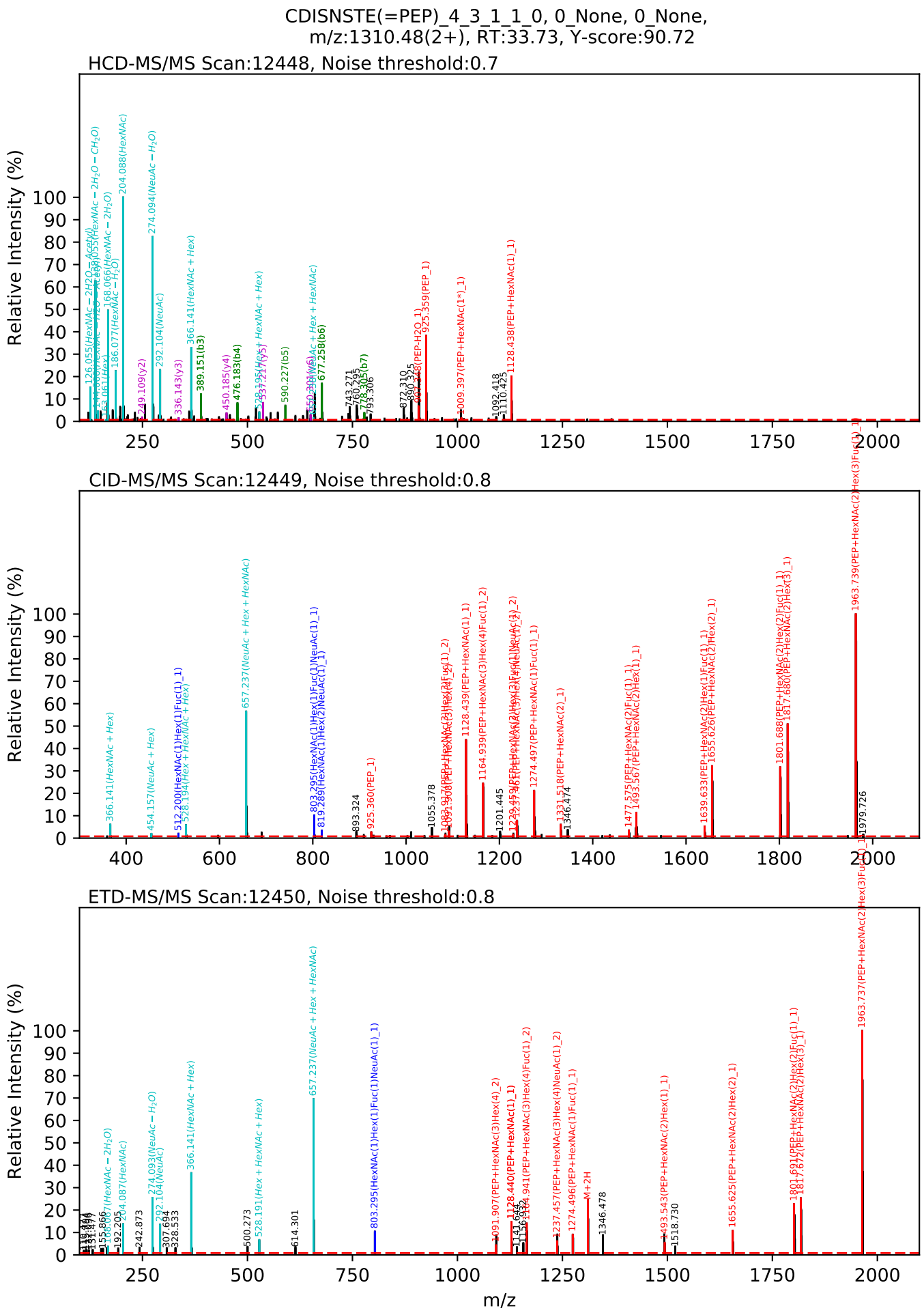


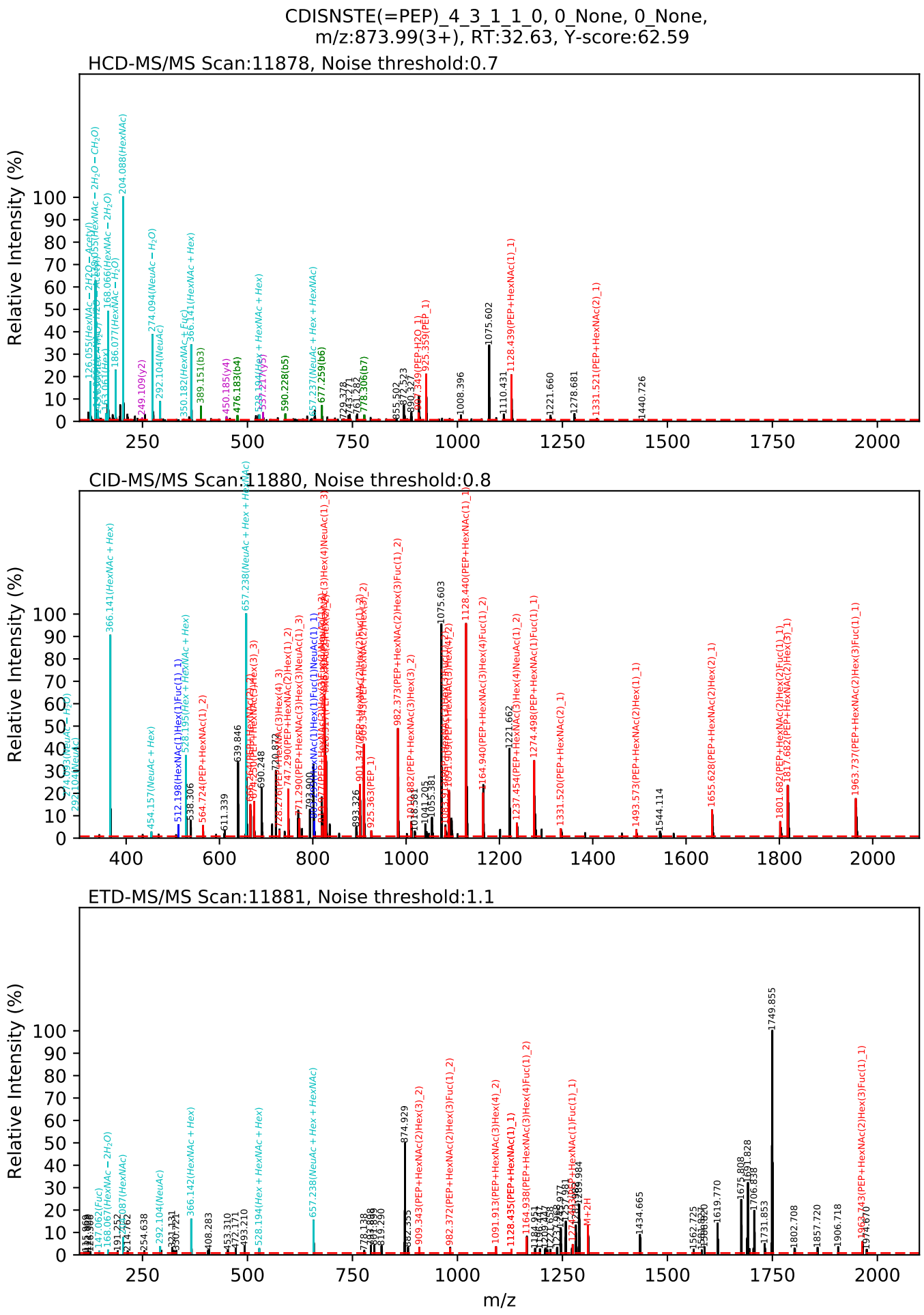
CDISNSTE(=PEP)_4_2_0_0_0, 0_None, 0_None,
m/z:990.37(2+), RT:22.86, Y-score:78.89

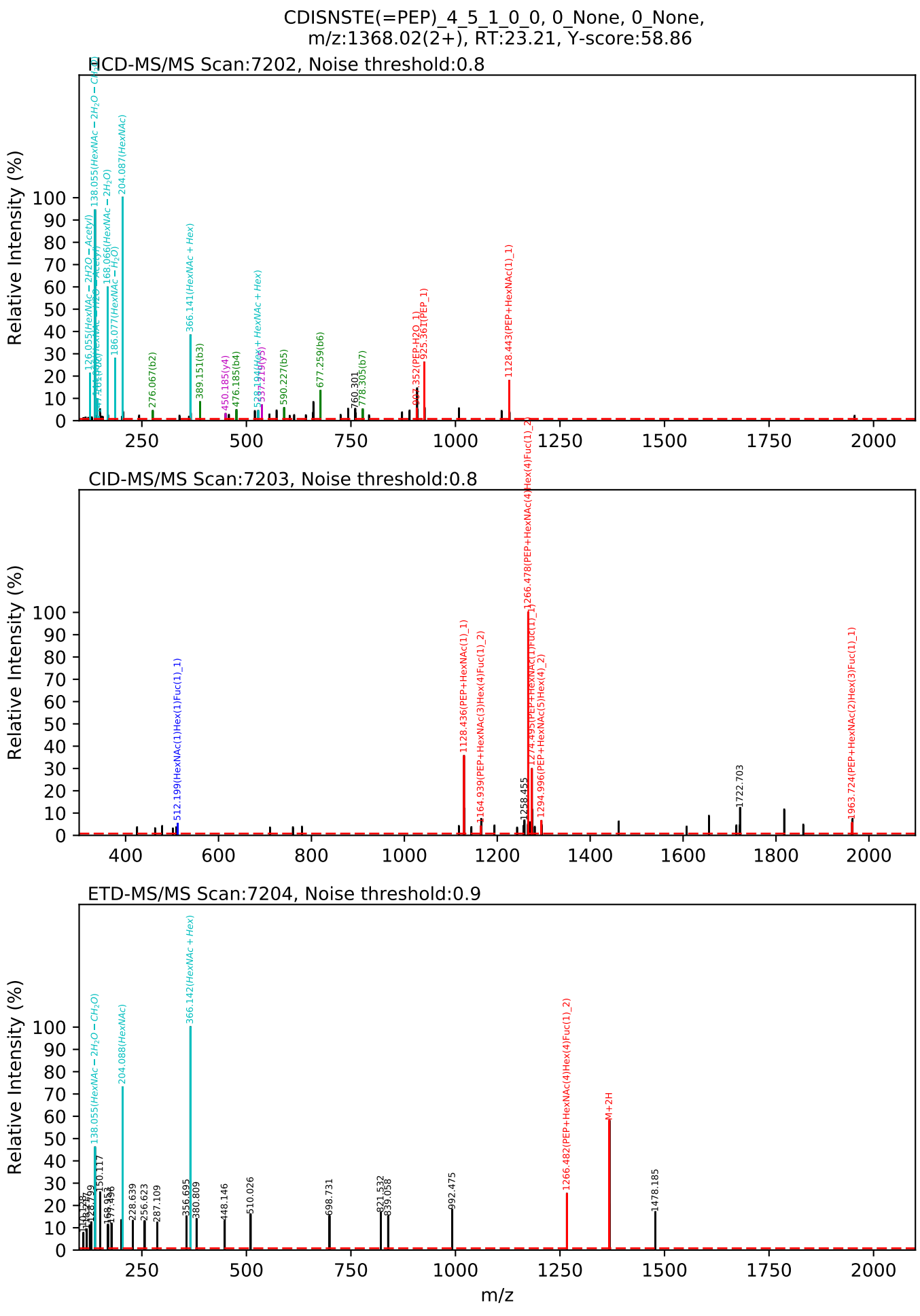


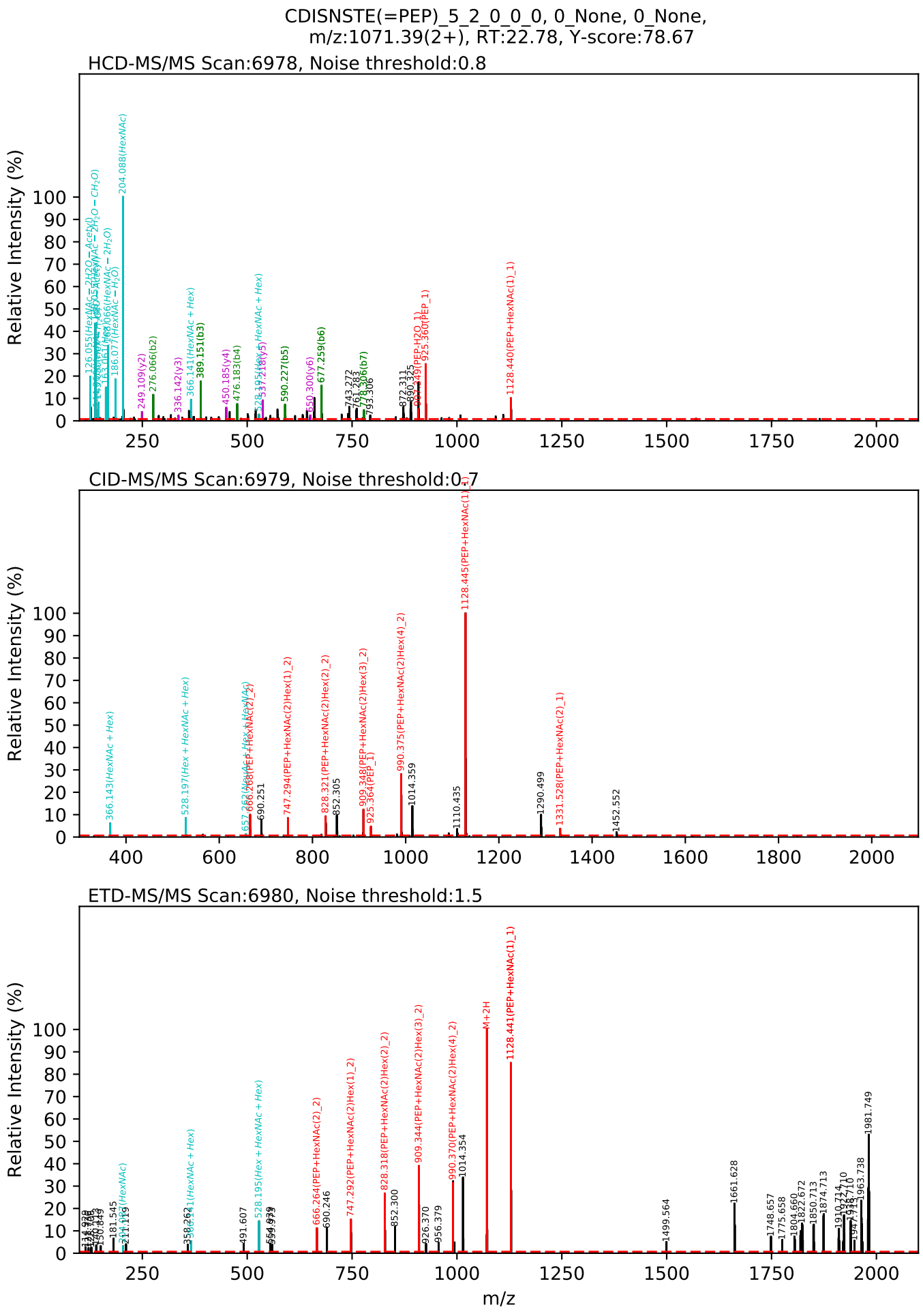

CDISNSTE(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1164.94(2+), RT:24.47, Y-score:73.87
HCD-MS/MS Scan:7823, Noise threshold:0.8
Relative Intensity (%)
276.066(b2)
366.142(HexNAc + Hex)
389.151(b3)
476.185(b4)
537.218(y5)
677.263(b6)
925.361(PEP_1)
1438.412
CID-MS/MS Scan:7824, Noise threshold:1.4
366.142(HexNAc + Hex)
512.198(HexNAc(1)Hex(1)Fuc(1)_1)
528.195(Hex + HexNAc + Hex)
1055.381
1128.439(PEP+HexNAc(1)_1)
1274.500(PEP+HexNAc(1)Fuc(1)_1)
1334.225
1564.643
1646.174
1655.822(PEP+HexNAc(2)Hex(2)_1)
1801.690(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1817.680(PEP+HexNAc(2)Hex(3)_1)
1963.745(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
m/z

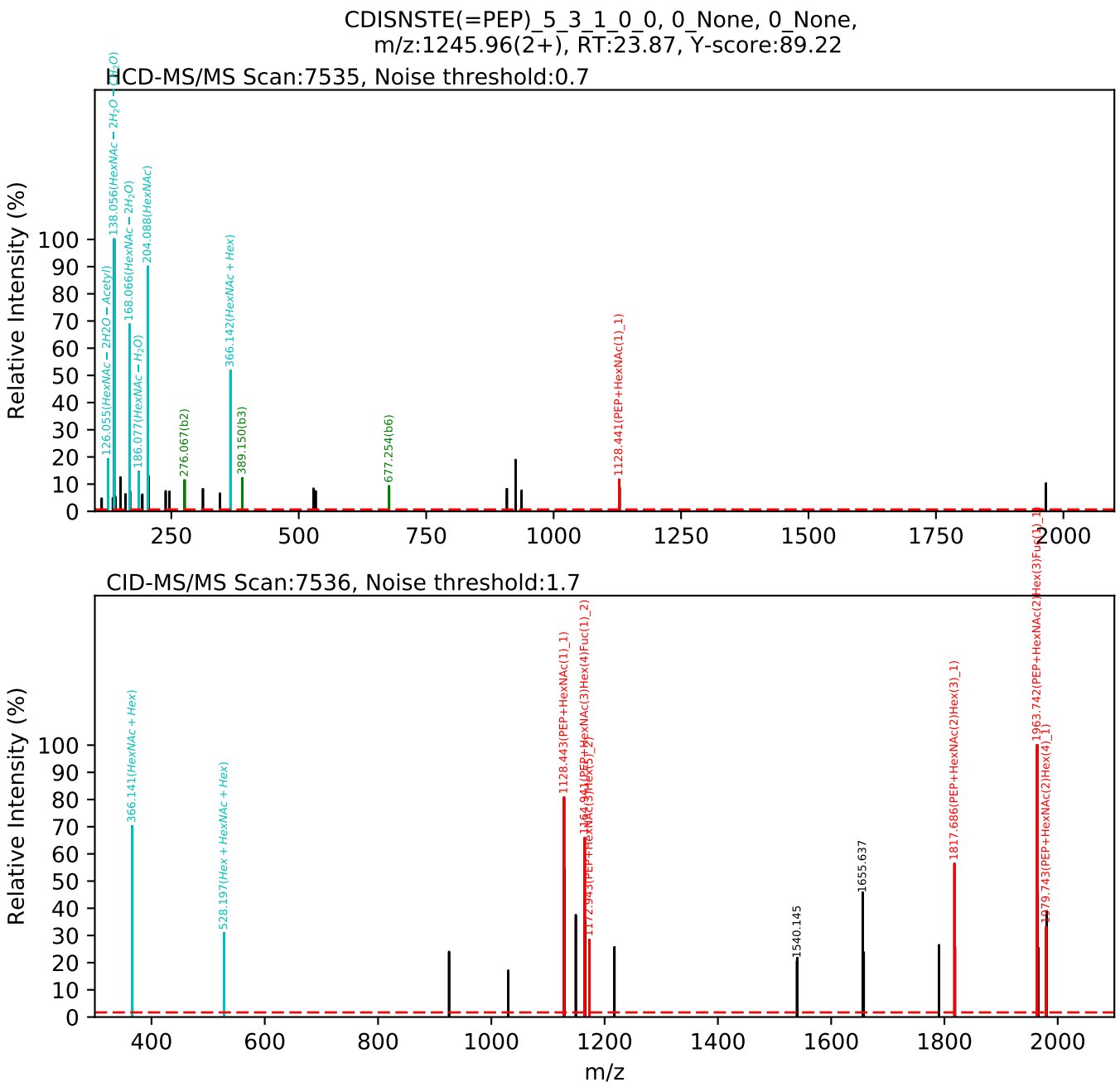

CDISNSTE(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1310.48(2+), RT:32.64, Y-score:89.22
HCD-MS/MS Scan:11885, Noise threshold:0.7
CID-MS/MS Scan:11886, Noise threshold:0.8
ETD-MS/MS Scan:11887, Noise threshold:1.1
Relative Intensity (%)
m/z

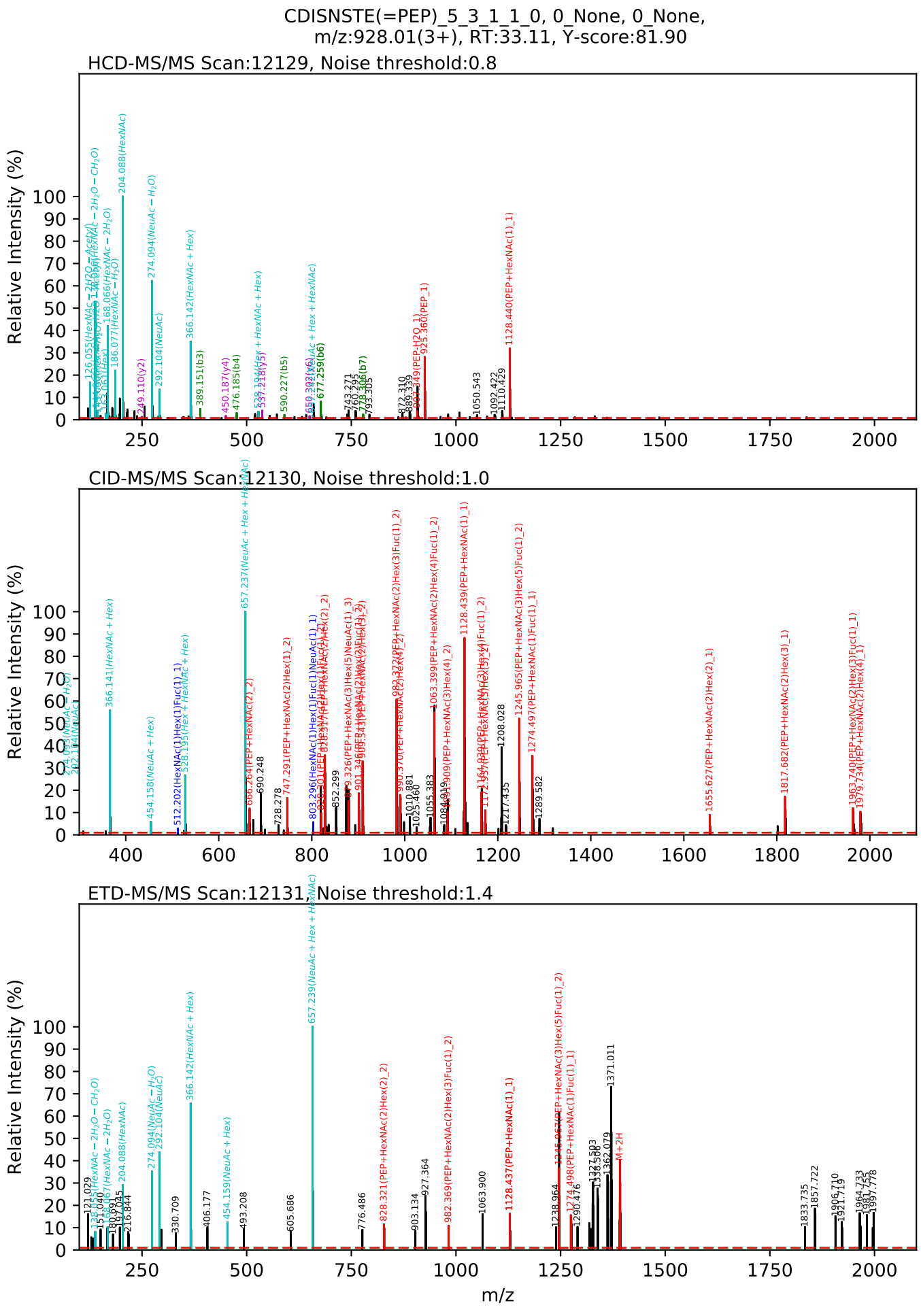

CDISNSTE(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1310.48(2+), RT:33.73, Y-score:90.72
HCD-MS/MS Scan:12448, Noise threshold:0.7
CID-MS/MS Scan:12449, Noise threshold:0.8
ETD-MS/MS Scan:12450, Noise threshold:0.8
Relative Intensity (%)
m/z

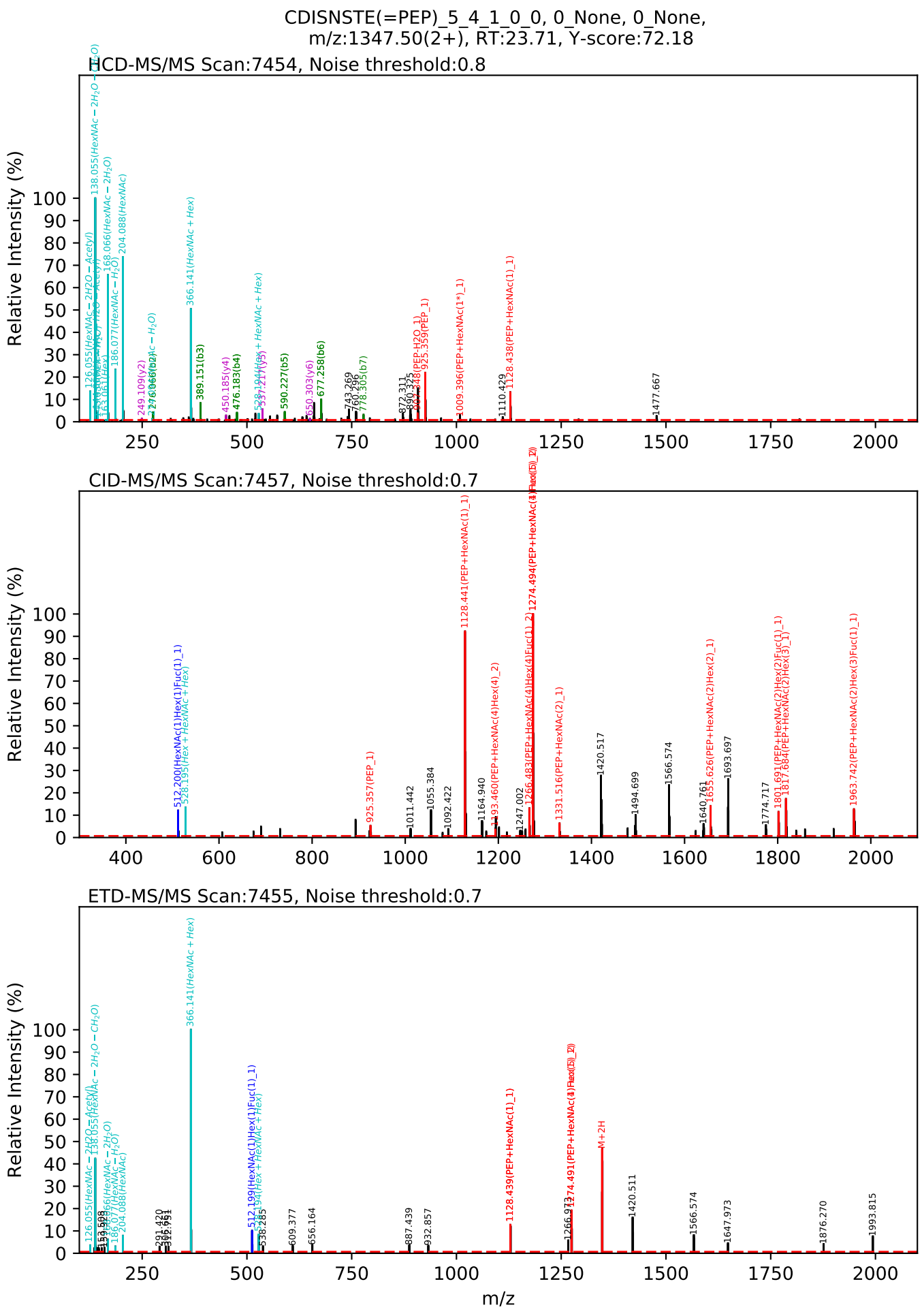

CDISNSTE(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:873.99(3+), RT:32.63, Y-score:62.59
HCD-MS/MS Scan:11878, Noise threshold:0.7
CID-MS/MS Scan:11880, Noise threshold:0.8
ETD-MS/MS Scan:11881, Noise threshold:1.1
Relative Intensity (%)
m/z

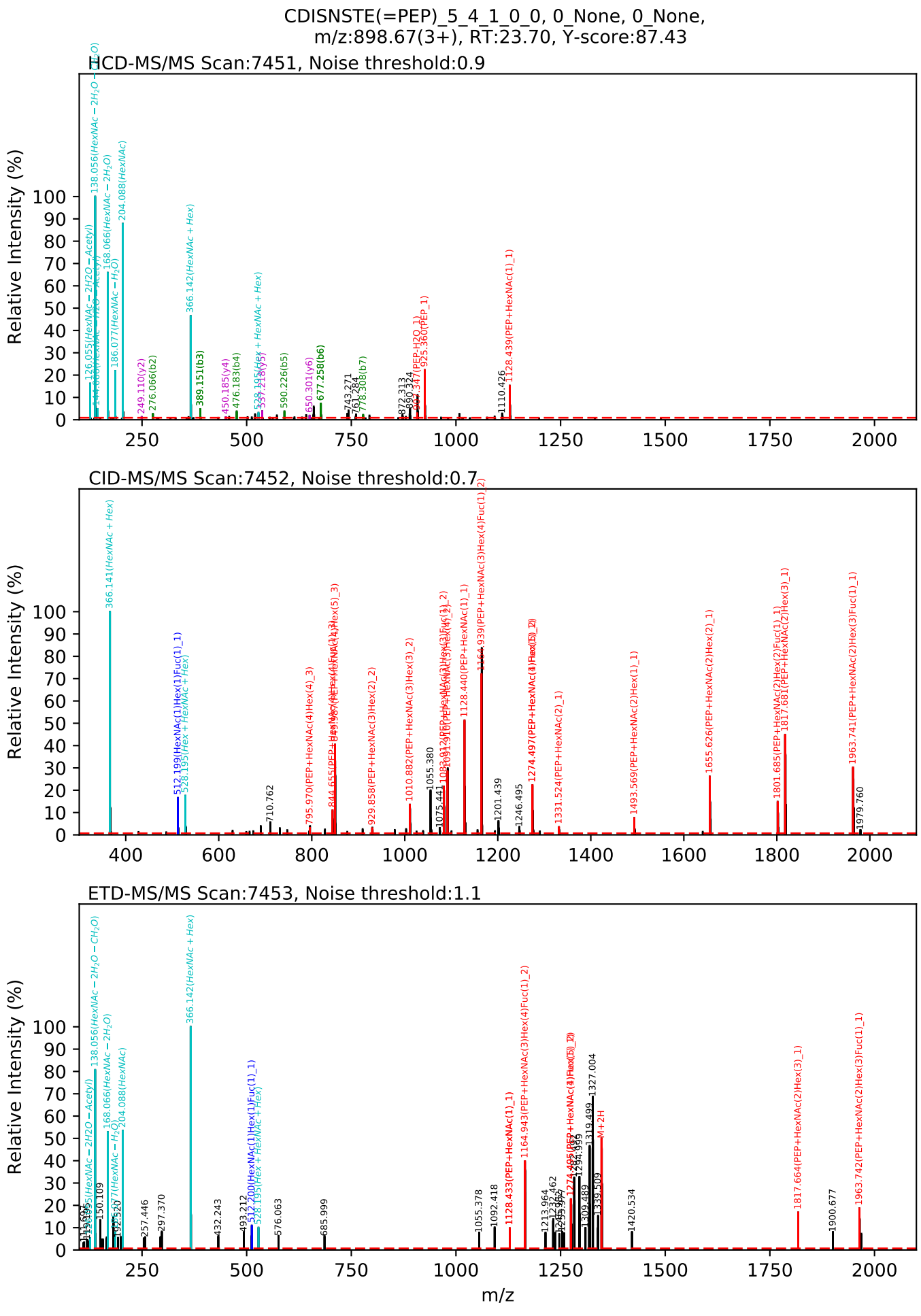

CDISNSTE(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1368.02(2+), RT:23.21, Y-score:58.86
HCD-MS/MS Scan:7202, Noise threshold:0.8
CID-MS/MS Scan:7203, Noise threshold:0.8
ETD-MS/MS Scan:7204, Noise threshold:0.9
Relative Intensity (%)
m/z
M+2H

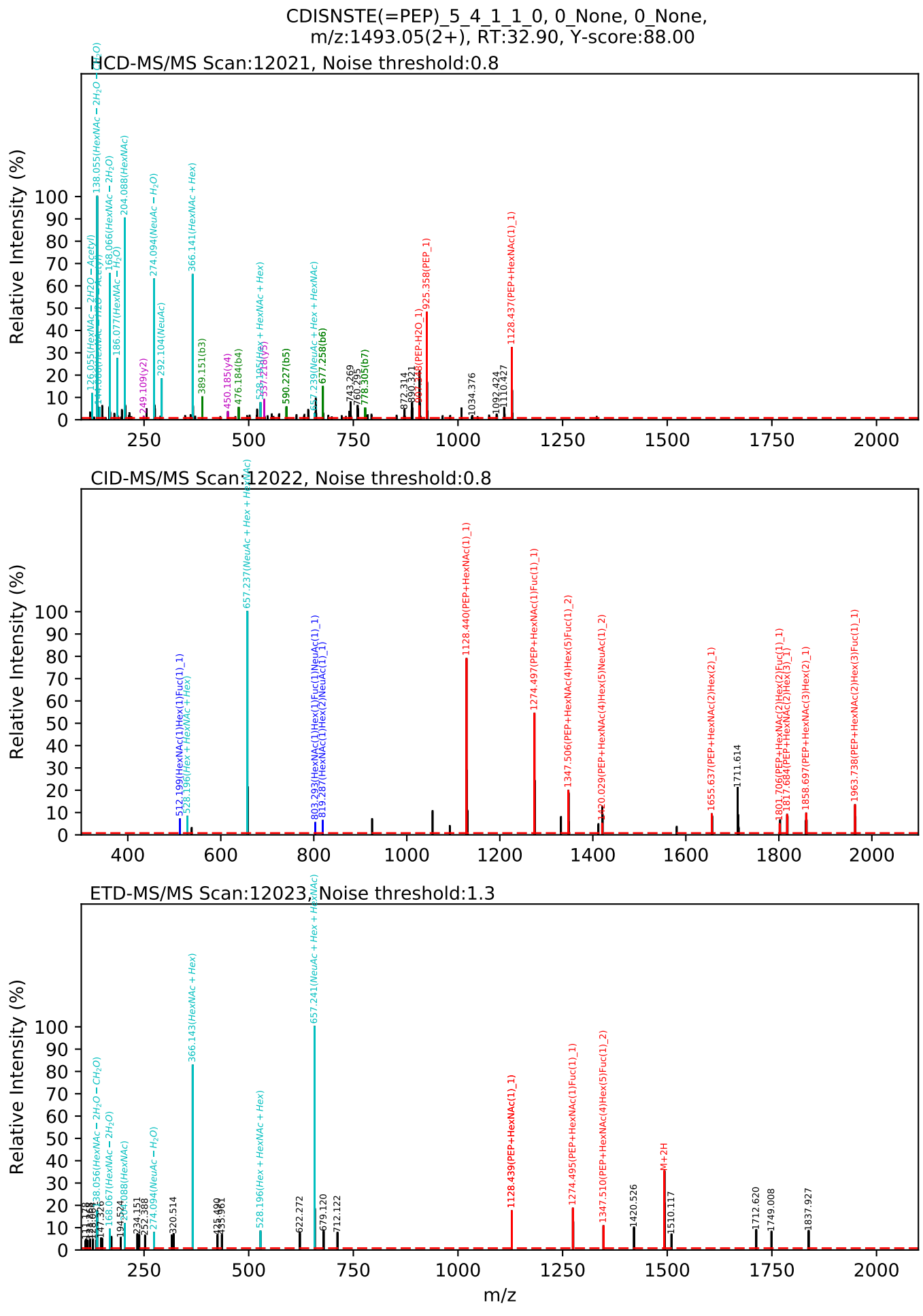

CDISNSTE(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1071.39(2+), RT:22.78, Y-score:78.67
HCD-MS/MS Scan:6978, Noise threshold:0.8
CID-MS/MS Scan:6979, Noise threshold:0.7
ETD-MS/MS Scan:6980, Noise threshold:1.5
Relative Intensity (%)
m/z

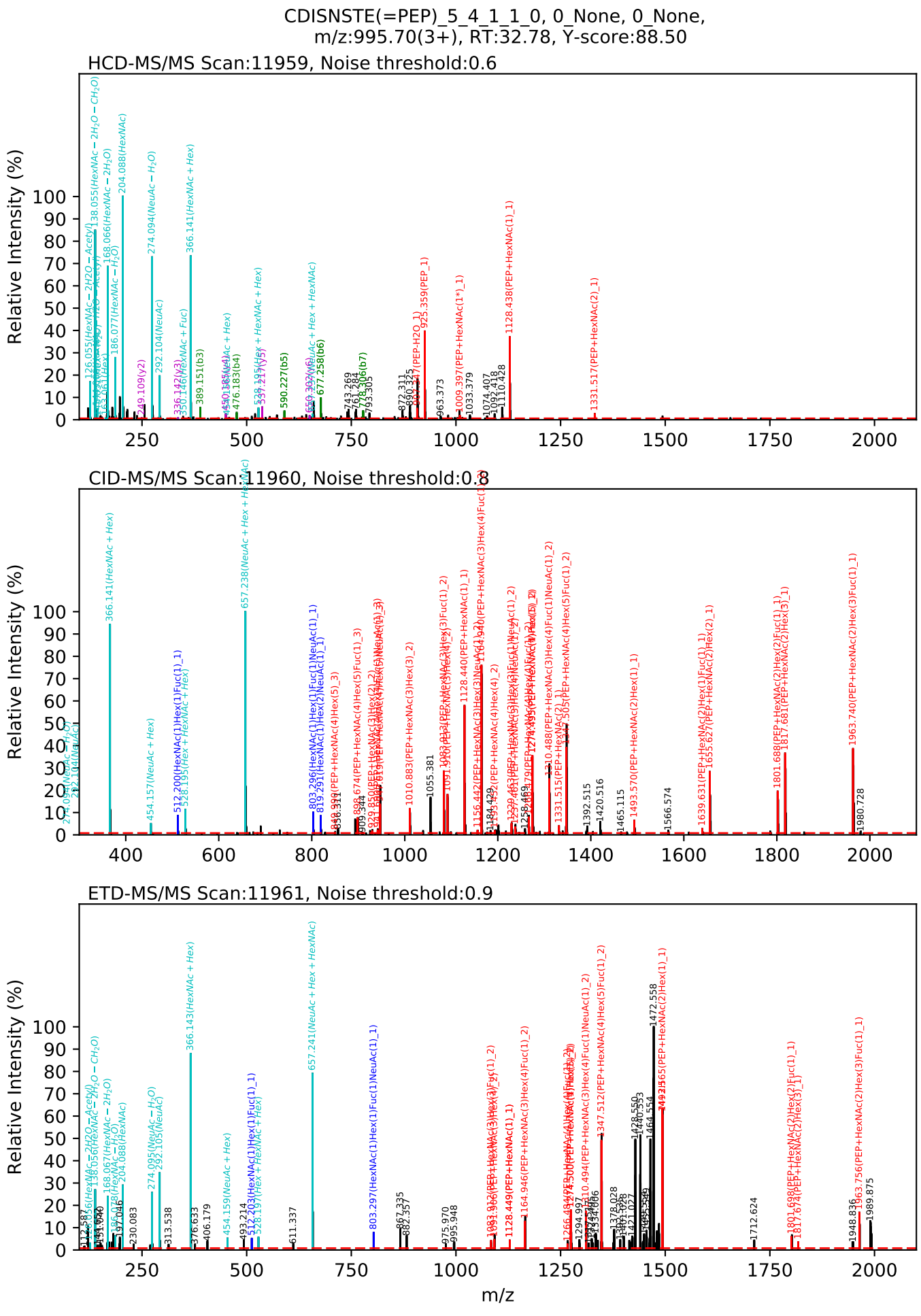

CDISNSTE(=PEP)_5_3_1_0_0, 0_None, 0_None,
m/z:1245.96(2+), RT:23.87, Y-score:89.22
HCD-MS/MS Scan:7535, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
276.067(b2)
366.142(HexNAc + Hex)
389.150(b3)
677.254(b6)
1128.441(PEP+HexNAc(1)_1)
CID-MS/MS Scan:7536, Noise threshold:1.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
1128.443(PEP+HexNAc(1)_1)
1540.145
1655.637
1817.686(PEP+HexNAc(2)Hex(3)_1)
1963.742(PEP+HexNAc(2)Hex(4)_1)
m/z

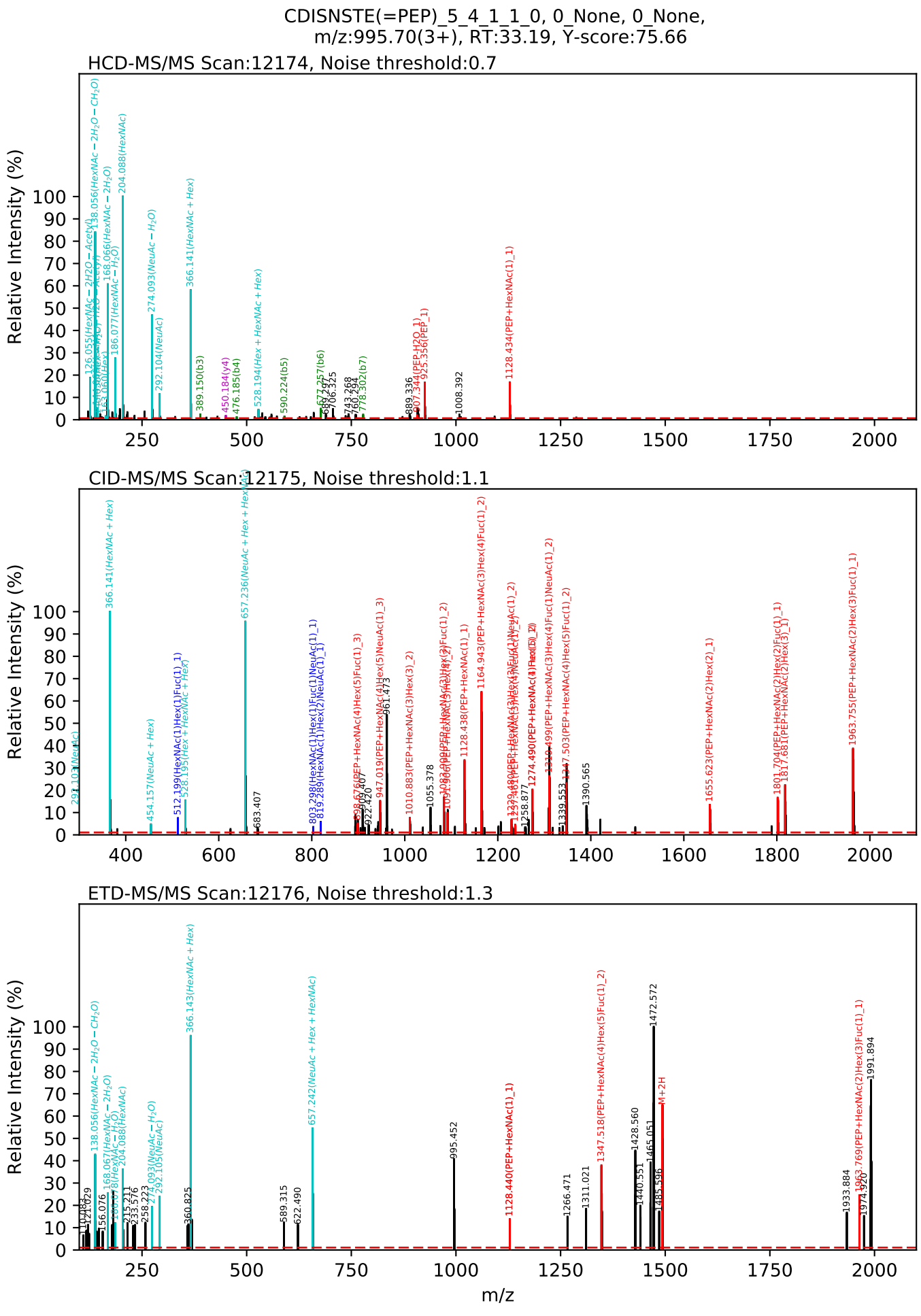

CDISNSTE(=PEP)_5_3_1_1_0, 0_None, 0_None,
m/z:928.01(3+), RT:33.11, Y-score:81.90
HCD-MS/MS Scan:12129, Noise threshold:0.8
CID-MS/MS Scan:12130, Noise threshold:1.0
ETD-MS/MS Scan:12131, Noise threshold:1.4
Relative Intensity (%)
m/z

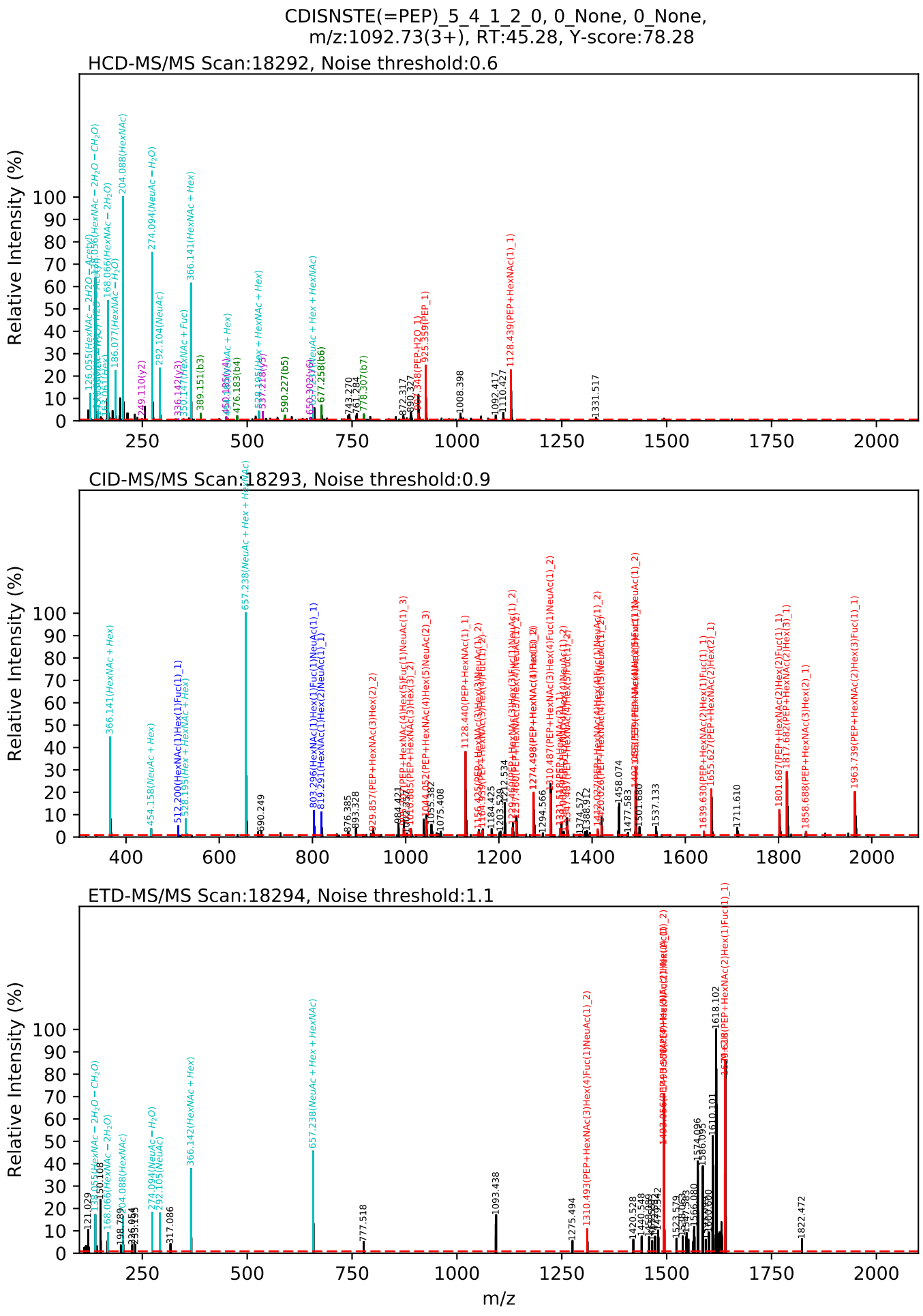

CDISNSTE(=PEP)_5_4_1_0_0_0, 0_None, 0_None,
m/z:1347.50(2+), RT:23.71, Y-score:72.18
HCD-MS/MS Scan:7454, Noise threshold:0.8
CID-MS/MS Scan:7457, Noise threshold:0.7
ETD-MS/MS Scan:7455, Noise threshold:0.7
Relative Intensity (%)
m/z

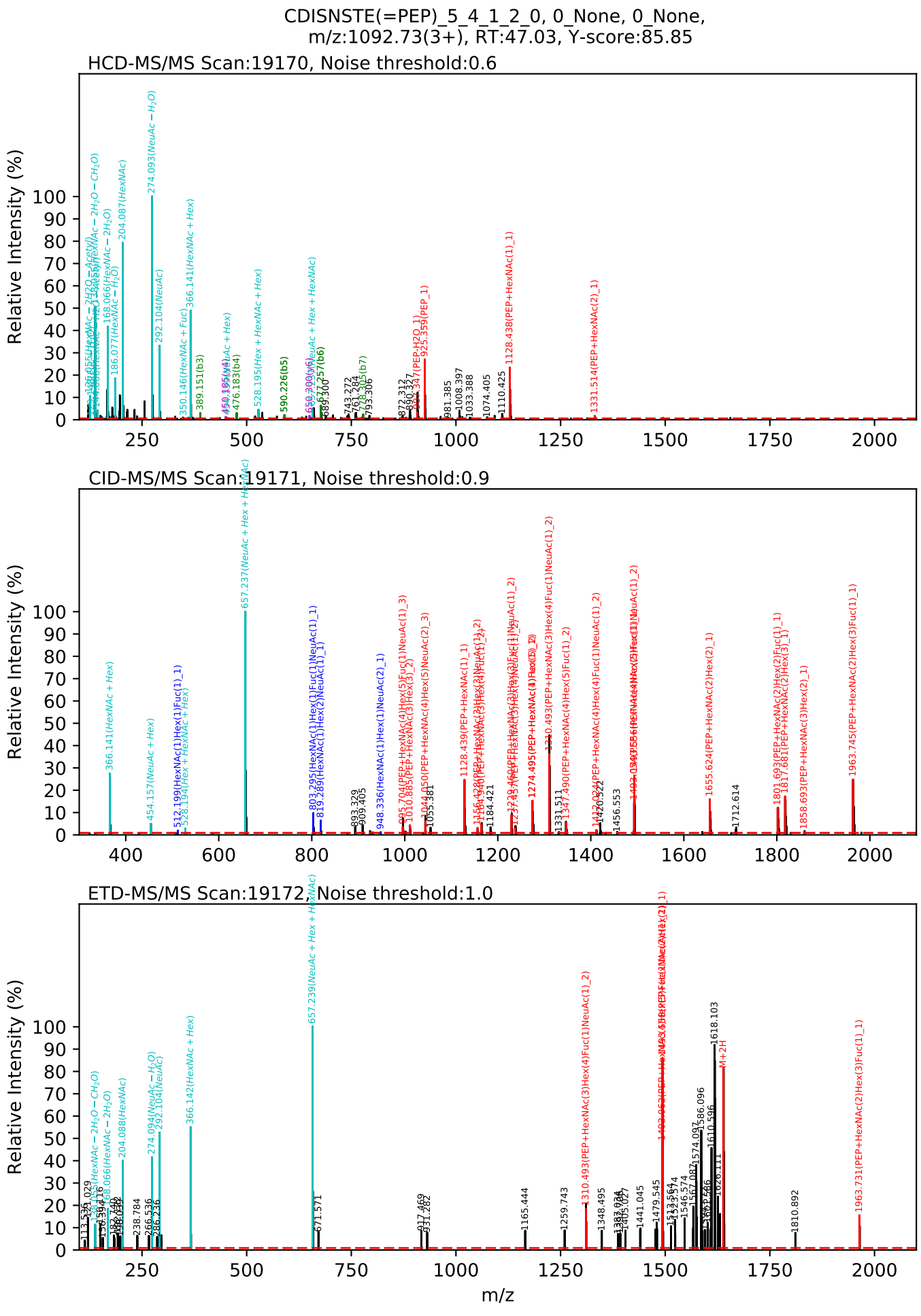

CDISNSTE(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:898.67(3+), RT:23.70, Y-score:87.43
HCD-MS/MS Scan:7451, Noise threshold:0.9
CID-MS/MS Scan:7452, Noise threshold:0.7
ETD-MS/MS Scan:7453, Noise threshold:1.1
Relative Intensity (%)
m/z

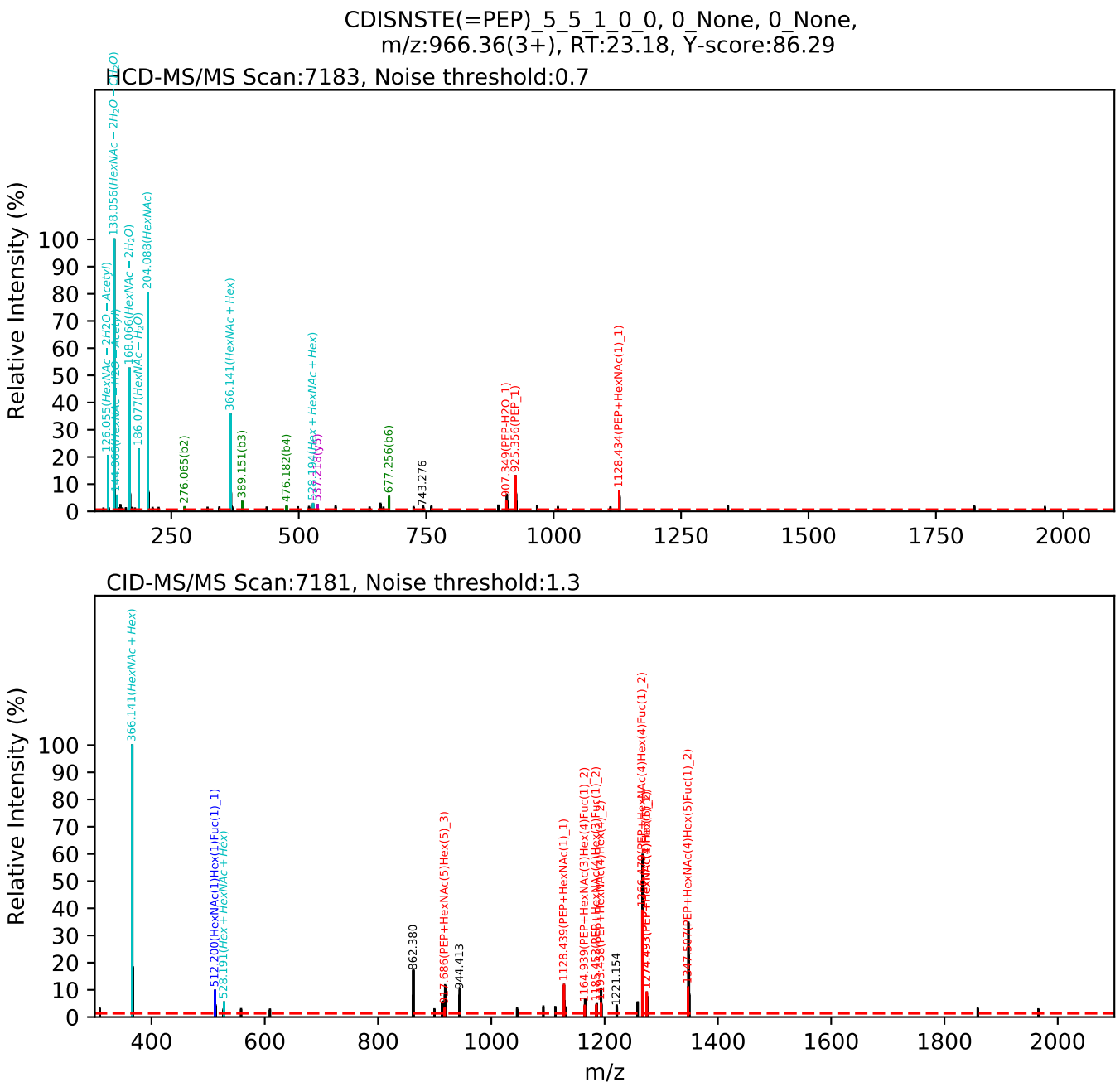

CDISNSTE(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1493.05(2+), RT:32.90, Y-score:88.00
HCD-MS/MS Scan:12021, Noise threshold:0.8
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
249.109(y2)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
389.151(b3)
450.185(y4)
476.184(b4)
538.195(Hex + HexNAc + Hex)
590.227(b5)
657.239(NeuAc + Hex + HexNAc)
677.258(b6)
743.269
760.295
778.305(b7)
872.314
880.321
925.358(PEP_1)
1034.376
1092.424
1110.427
1128.437(PEP+HexNAc(1)_1)
CID-MS/MS Scan:12022, Noise threshold:0.8
Relative Intensity (%)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.196(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
803.293(HexNAc(1)Hex(1)Fuc(1)NeuAc(1)_1)
819.287(HexNAc(1)Hex(2)NeuAc(1)_1)
1128.440(PEP+HexNAc(1)_1)
1274.497(PEP+HexNAc(1)Fuc(1)_1)
1347.506(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1420.029(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1655.637(PEP+HexNAc(2)Hex(2)_1)
1711.614
1801.706(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1817.684(PEP+HexNAc(2)Hex(3)_1)
1858.697(PEP+HexNAc(3)Hex(2)_1)
1963.738(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
ETD-MS/MS Scan:12023, Noise threshold:1.3
Relative Intensity (%)
138.056(HexNAc − 2H2O − CH2O)
168.067(HexNAc − 2H2O)
194.088(HexNAc)
234.151
252.388
274.094(NeuAc − H2O)
320.514
366.143(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
622.272
657.241(NeuAc + Hex + HexNAc)
679.120
712.122
1128.439(PEP+HexNAc(1)_1)
1274.495(PEP+HexNAc(1)Fuc(1)_1)
1347.510(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1420.526
M+2H
1510.117
1712.620
1749.008
1837.927
m/z

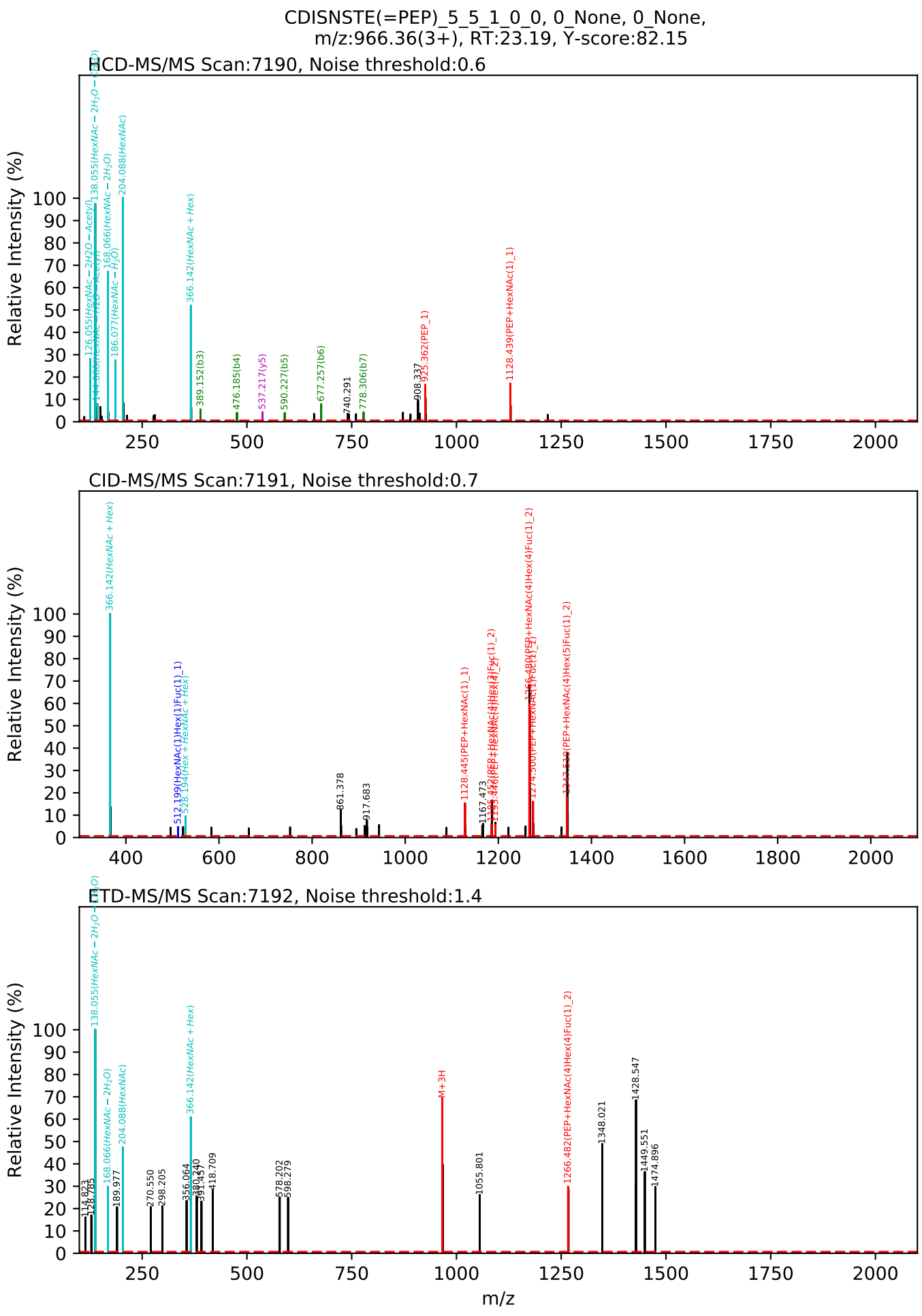

CDISNSTE(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:995.70(3+), RT:32.78, Y-score:88.50
HCD-MS/MS Scan:11959, Noise threshold:0.6
CID-MS/MS Scan:11960, Noise threshold:0.8
ETD-MS/MS Scan:11961, Noise threshold:0.9
Relative Intensity (%)
m/z

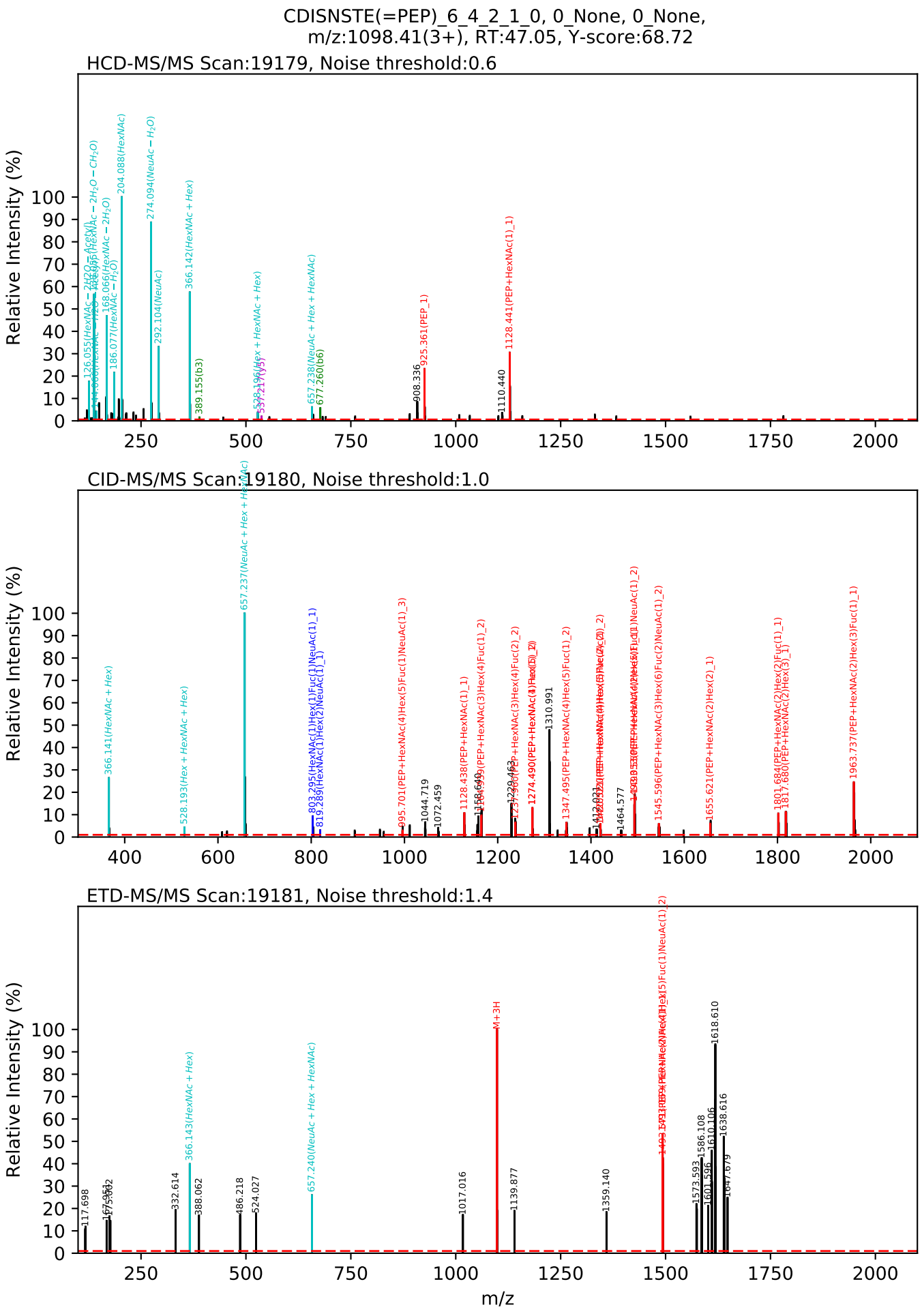

CDISNSTE(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:995.70(3+), RT:33.19, Y-score:75.66
HCD-MS/MS Scan:12174, Noise threshold:0.7
CID-MS/MS Scan:12175, Noise threshold:1.1
ETD-MS/MS Scan:12176, Noise threshold:1.3
Relative Intensity (%)
m/z

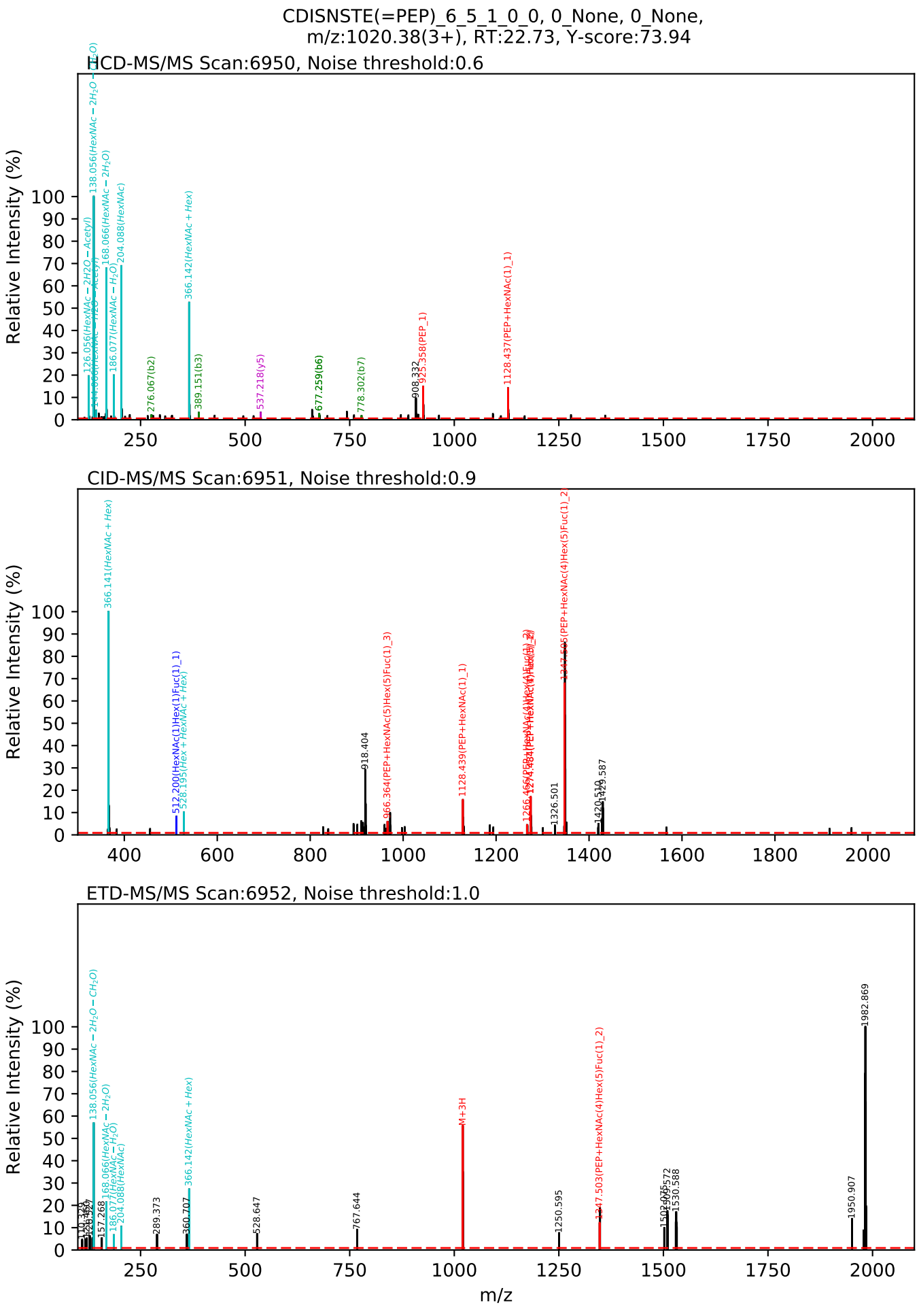

CDISNSTE(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1092.73(3+), RT:45.28, Y-score:78.28
HCD-MS/MS Scan:18292, Noise threshold:0.6
CID-MS/MS Scan:18293, Noise threshold:0.9
ETD-MS/MS Scan:18294, Noise threshold:1.1
Relative Intensity (%)
m/z

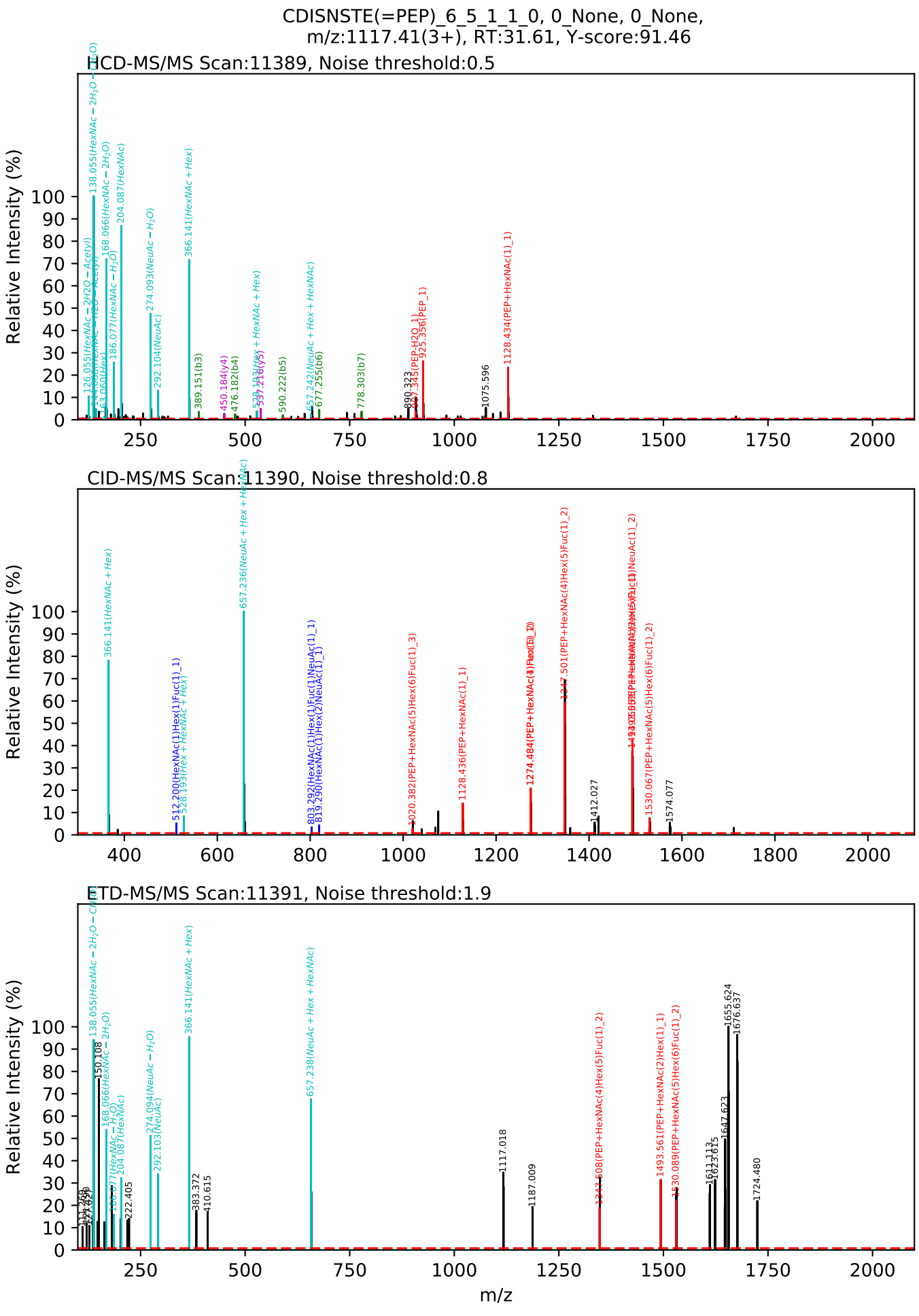

CDISNSTE(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1092.73(3+), RT:47.03, Y-score:85.85
HCD-MS/MS Scan:19170, Noise threshold:0.6
CID-MS/MS Scan:19171, Noise threshold:0.9
ETD-MS/MS Scan:19172, Noise threshold:1.0
Relative Intensity (%)
m/z

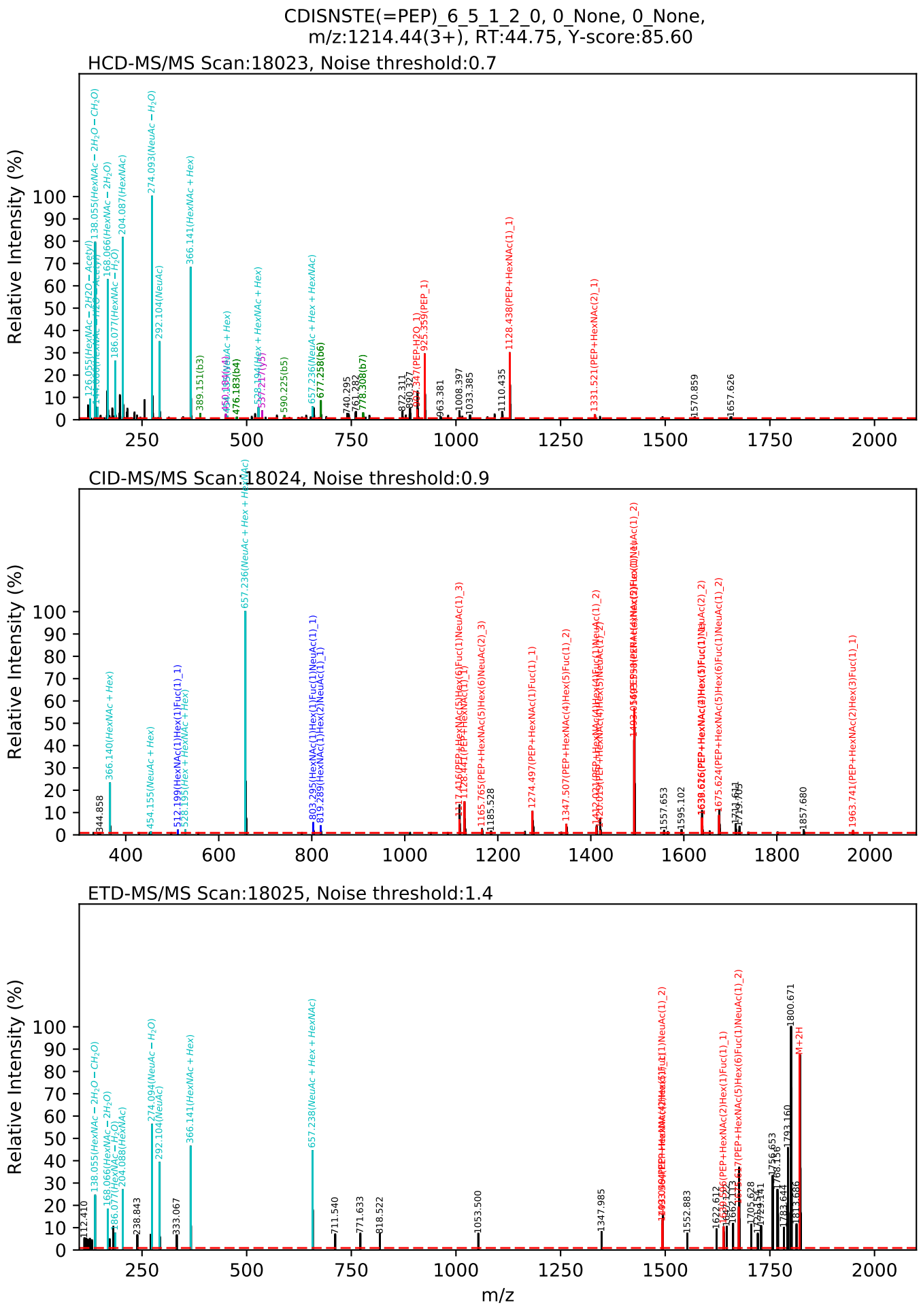

CDISNSTE(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:966.36(3+), RT:23.18, Y-score:86.29
HCD-MS/MS Scan:7183, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
276.065(b2)
366.141(HexNAc + Hex)
389.151(b3)
476.182(b4)
677.256(b6)
743.276
907.349(PEP-H2O_1)
925.356(PEP_1)
1128.434(PEP+HexNAc(1)_1)
m/z
CID-MS/MS Scan:7181, Noise threshold:1.3
Relative Intensity (%)
366.141(HexNAc + Hex)
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
528.191(Hex + HexNAc + Hex)
862.380
912.686(PEP+HexNAc(5)Hex(5)_3)
944.413
1128.439(PEP+HexNAc(1)_1)
1164.939(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1221.154
1274.493(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1347.507(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
m/z


CDISNSTE(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:966.36(3+), RT:23.19, Y-score:82.15
HCD-MS/MS Scan:7190, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
366.142(HexNAc + Hex)
389.152(b3)
476.185(b4)
537.217(y5)
590.227(b5)
677.257(b6)
740.291
778.306(b7)
908.337
925.362(PEP_1)
1128.439(PEP+HexNAc(1)_1)
CID-MS/MS Scan:7191, Noise threshold:0.7
Relative Intensity (%)
366.142(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
861.378
917.683
1128.445(PEP+HexNAc(1)_1)
1167.473
1274.500(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1347.519(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
ETD-MS/MS Scan:7192, Noise threshold:1.4
Relative Intensity (%)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
189.977
204.088(HexNAc)
270.550
298.205
356.064
366.142(HexNAc + Hex)
380.240
391.134
418.709
578.202
598.279
M+3H
1055.801
1266.482(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1348.021
1428.547
1449.551
1474.896
m/z

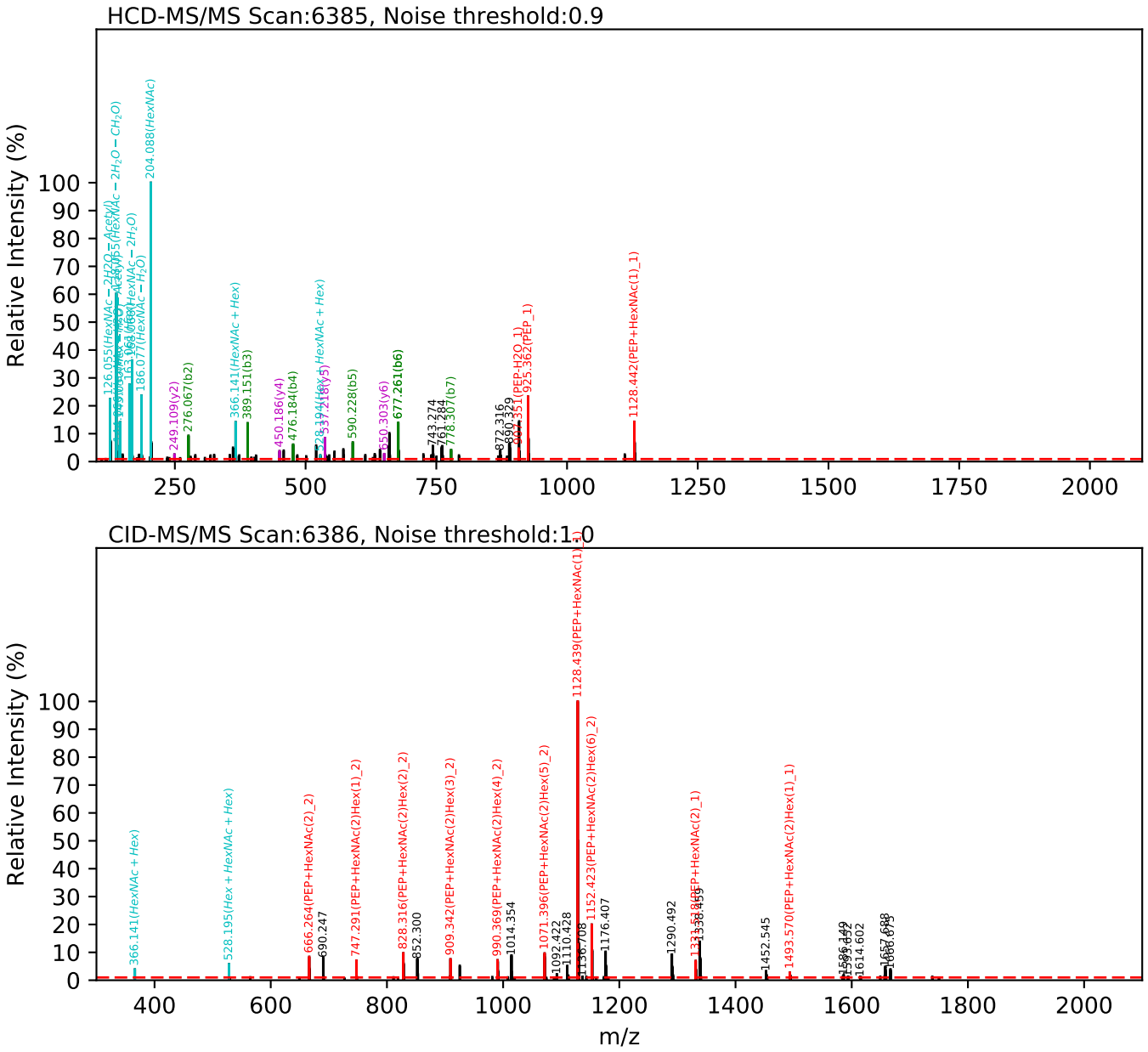

CDISNSTE(=PEP)_6_4_2_1_0, 0_None, 0_None,
m/z:1098.41(3+), RT:47.05, Y-score:68.72
HCD-MS/MS Scan:19179, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.142(HexNAc + Hex)
389.155(b3)
528.196(Hex + HexNAc + Hex)
537.217(y5)
657.238(NeuAc + Hex + HexNAc)
677.260(b6)
908.336
925.361(PEP_1)
1110.440
1128.441(PEP+HexNAc(1)_1)
CID-MS/MS Scan:19180, Noise threshold:1.0
Relative Intensity (%)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
803.295(HexNAc(1)Hex(1)Fuc(1)NeuAc(1)_1)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
995.701(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(1)_3)
1044.719
1072.459
1128.438(PEP+HexNAc(1)_1)
1158.649
1274.490(PEP+HexNAc(4)Hex(5)_2)
1310.991
1347.495(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1464.577
1545.596(PEP+HexNAc(3)Hex(6)Fuc(2)NeuAc(1)_2)
1655.621(PEP+HexNAc(2)Hex(2)_1)
1801.684(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1817.680(PEP+HexNAc(2)Hex(3)_1)
1963.737(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
ETD-MS/MS Scan:19181, Noise threshold:1.4
Relative Intensity (%)
117.698
332.614
366.143(HexNAc + Hex)
388.062
524.027
657.240(NeuAc + Hex + HexNAc)
1017.016
M+3H
1139.877
1359.140
1573.593
1586.108
1601.596
1610.106
1618.610
1638.616
1647.679
m/z

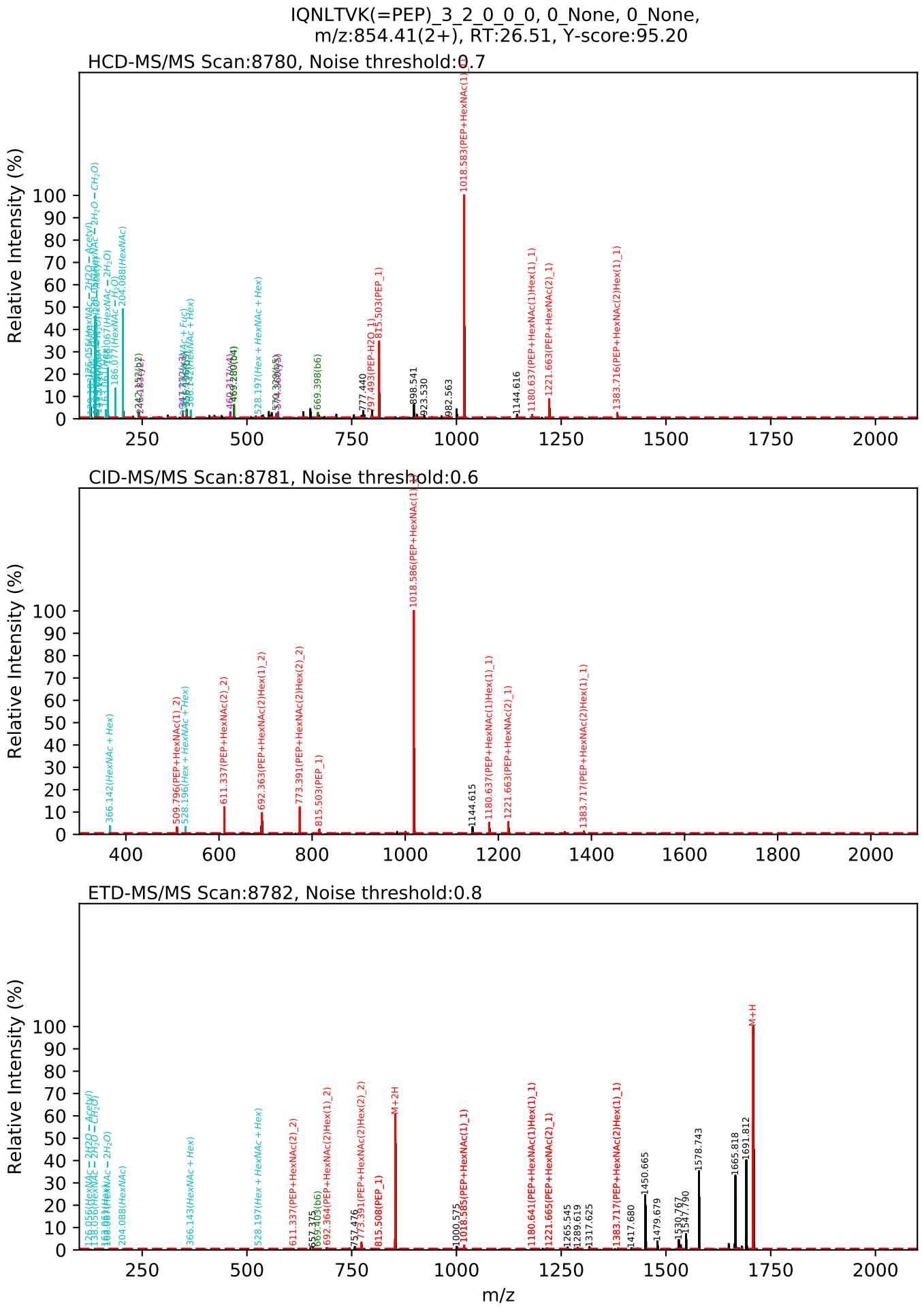

CDISNSTE(=PEP)_6_5_1_0_0, 0_None, 0_None,
m/z:1020.38(3+), RT:22.73, Y-score:73.94
HCD-MS/MS Scan:6950, Noise threshold:0.6
Relative Intensity (%)
276.067(b2)
366.142(HexNAc + Hex)
389.151(b3)
537.218(y5)
677.259(b6)
778.302(b7)
908.332
925.358(PEP_1)
1128.437(PEP+HexNAc(1)_1)
CID-MS/MS Scan:6951, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
528.195(Hex + HexNAc + Hex)
918.404
966.364(PEP+HexNAc(5)Hex(5)Fuc(1)_3)
1128.439(PEP+HexNAc(1)_1)
1326.501
1420.510
1429.587
ETD-MS/MS Scan:6952, Noise threshold:1.0
Relative Intensity (%)
289.373
366.142(HexNAc + Hex)
528.647
767.644
M+3H
1250.595
1530.588
1950.907
1982.869
m/z

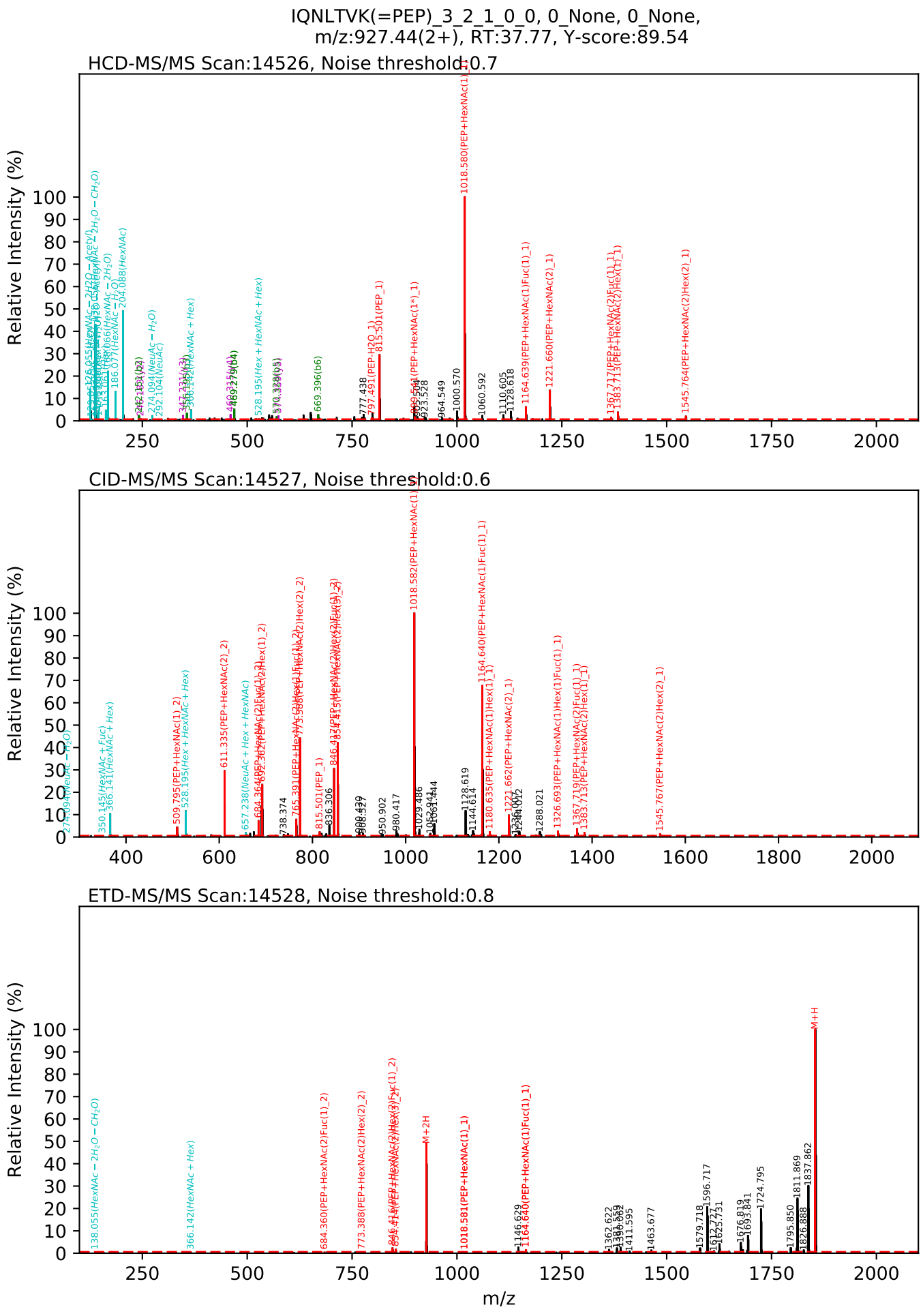

CDISNSTE(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1117.41(3+), RT:31.61, Y-score:91.46
HCD-MS/MS Scan:11389, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:11390, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:11391, Noise threshold:1.9
Relative Intensity (%)
m/z

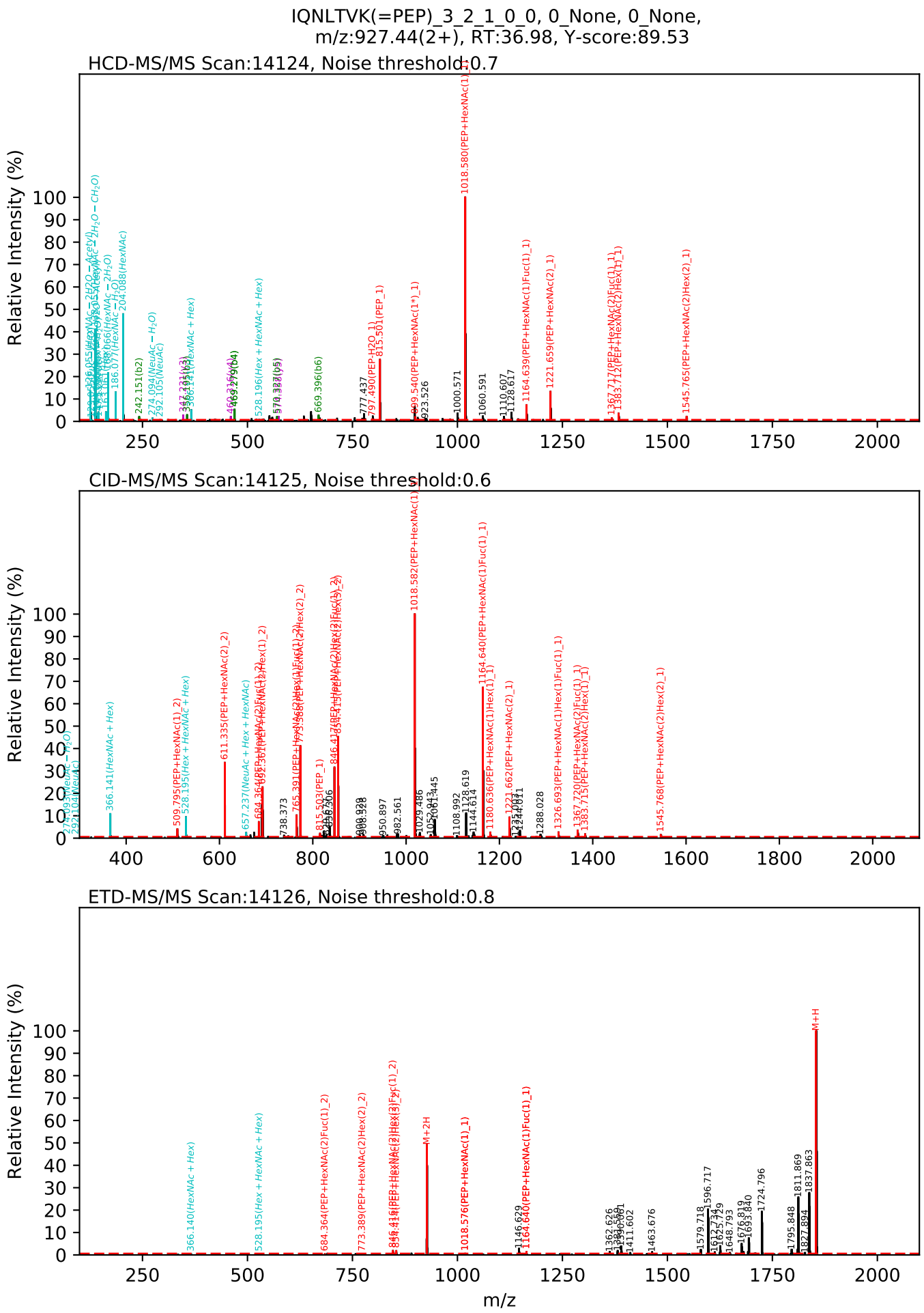

CDISNSTE(=PEP)_6_5_1_2_0, 0_None, 0_None,
m/z:1214.44(3+), RT:44.75, Y-score:85.60
HCD-MS/MS Scan:18023, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:18024, Noise threshold:0.9
Relative Intensity (%)
ETD-MS/MS Scan:18025, Noise threshold:1.4
Relative Intensity (%)
m/z

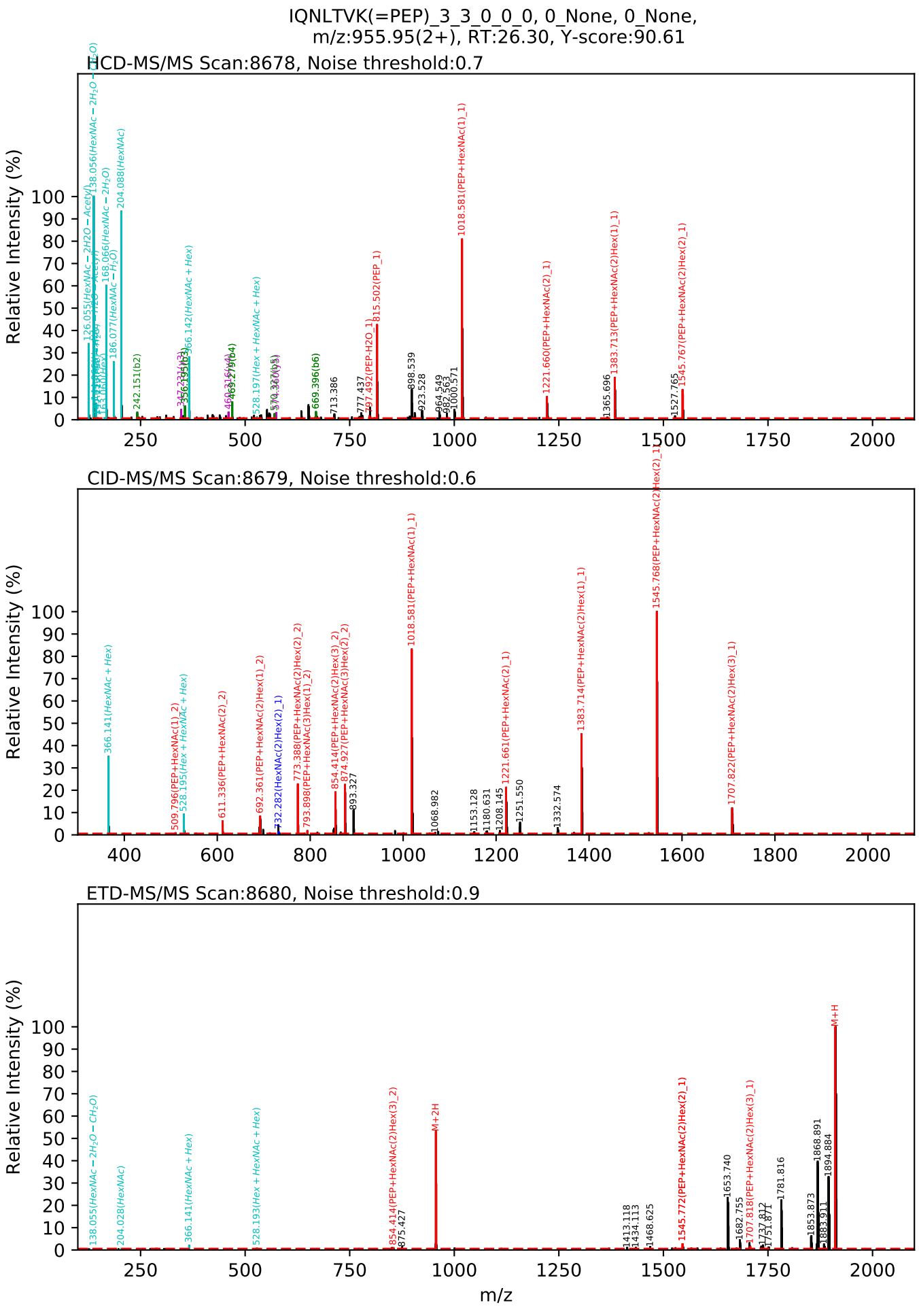
CDISNSTE(=PEP)_7_2_0_0_0, 0_None, 0_None,
m/z:1233.45(2+), RT:21.47, Y-score:71.29

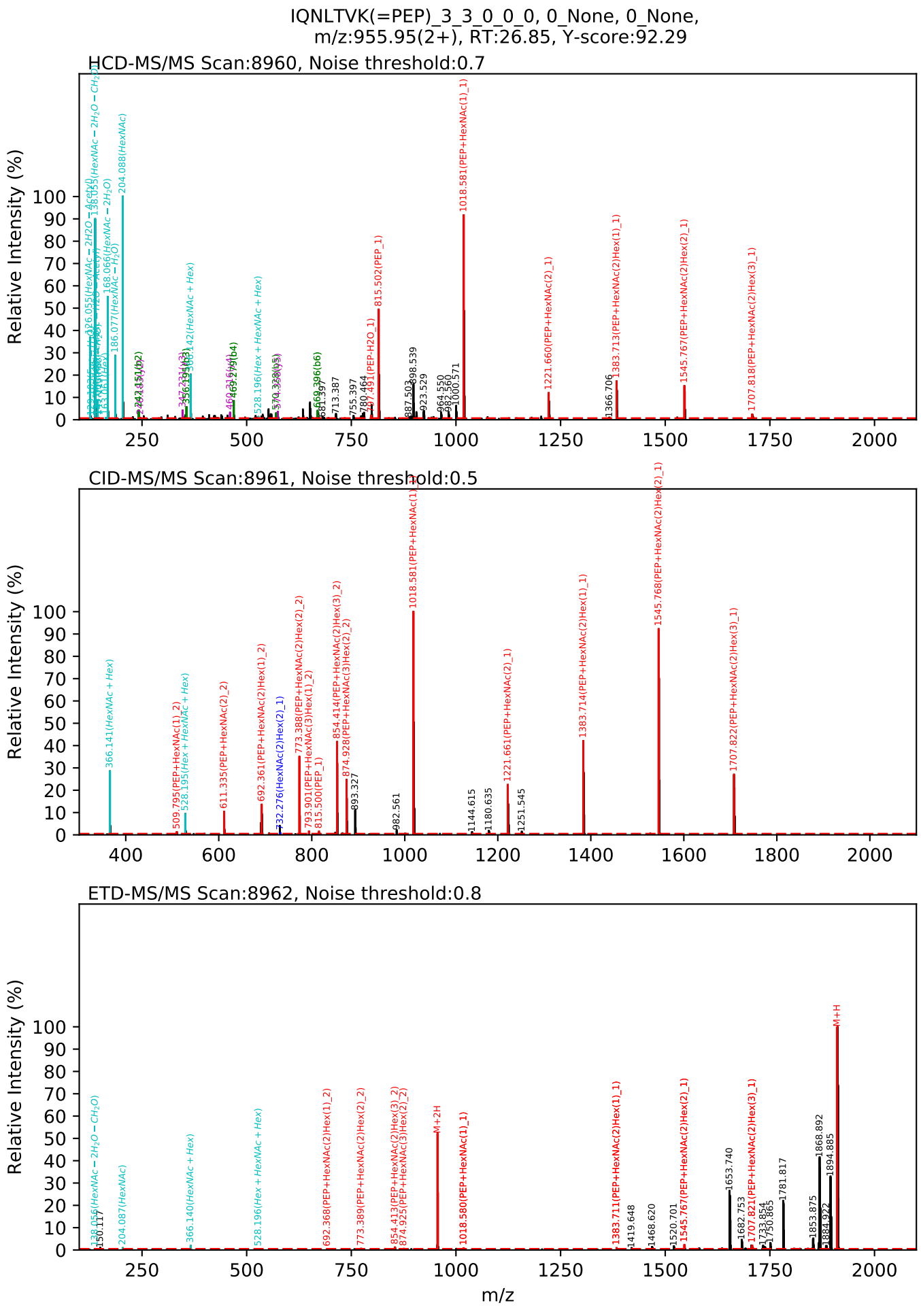


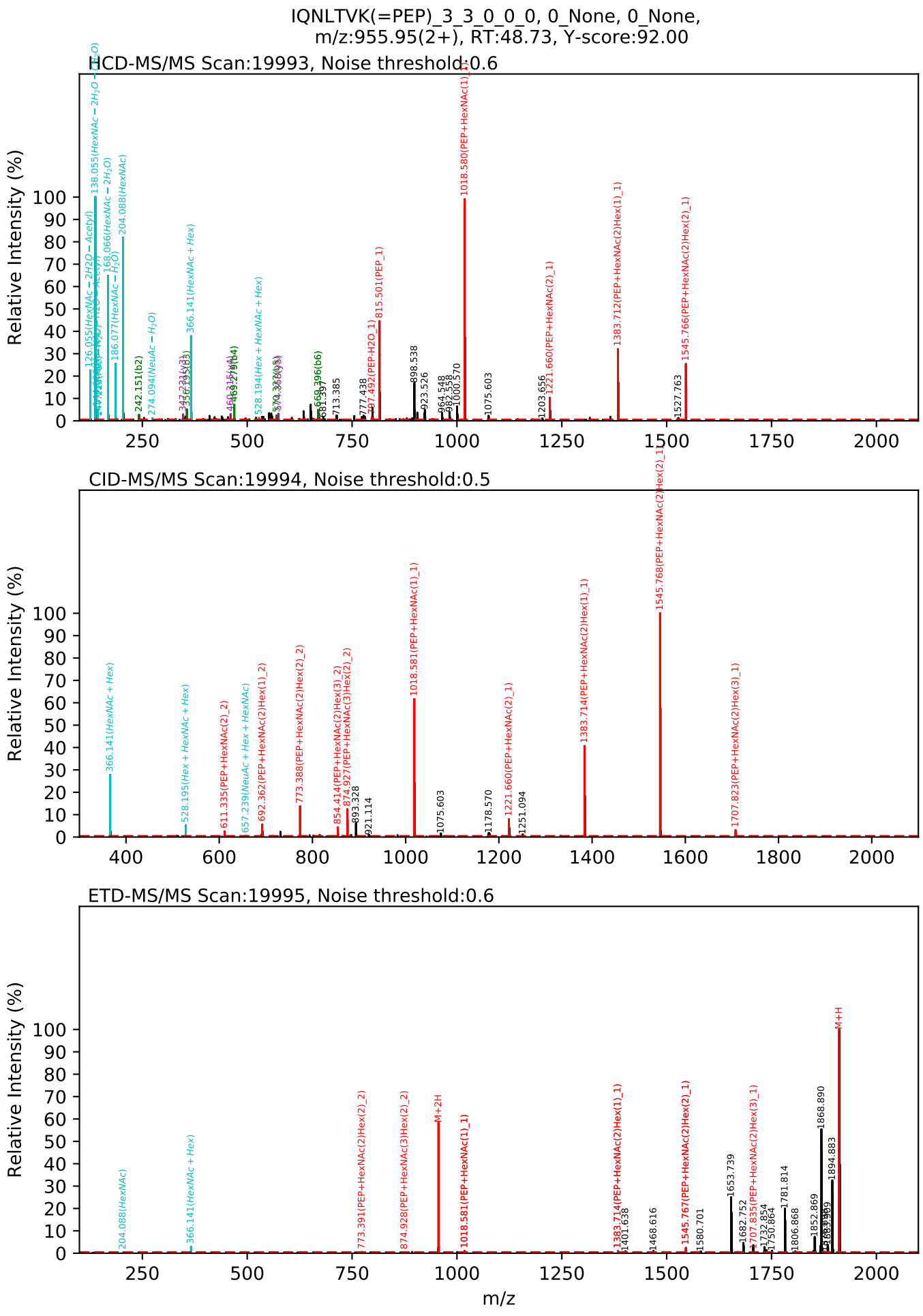

IQNLTVK(=PEP)_3_2_0_0_0, 0_None, 0_None,
m/z:854.41(2+), RT:26.51, Y-score:95.20
HCD-MS/MS Scan:8780, Noise threshold:0.7
Relative Intensity (%)
1018.583(PEP+HexNAc(1)_1)
204.088(HexNAc)
528.197(Hex + HexNAc + Hex)
669.398(b6)
777.440
897.493(PEP-H2O_1)
815.503(PEP_1)
898.541
923.530
982.563
1144.616
1180.637(PEP+HexNAc(1)Hex(1)_1)
1221.663(PEP+HexNAc(2)_1)
1383.716(PEP+HexNAc(2)Hex(1)_1)
CID-MS/MS Scan:8781, Noise threshold:0.6
Relative Intensity (%)
366.142(HexNAc + Hex)
509.796(PEP+HexNAc(1)_2)
528.196(Hex + HexNAc + Hex)
611.337(PEP+HexNAc(2)_2)
692.363(PEP+HexNAc(2)Hex(1)_2)
773.391(PEP+HexNAc(2)Hex(2)_2)
815.503(PEP_1)
1018.586(PEP+HexNAc(1)_1)
1144.615
1180.637(PEP+HexNAc(1)Hex(1)_1)
1221.663(PEP+HexNAc(2)_1)
1383.717(PEP+HexNAc(2)Hex(1)_1)
ETD-MS/MS Scan:8782, Noise threshold:0.8
Relative Intensity (%)
366.143(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
611.337(PEP+HexNAc(2)_2)
692.364(PEP+HexNAc(2)Hex(1)_2)
773.391(PEP+HexNAc(2)Hex(2)_2)
815.508(PEP_1)
M+2H
1000.575
1018.585(PEP+HexNAc(1)_1)
1180.641(PEP+HexNAc(1)Hex(1)_1)
1221.665(PEP+HexNAc(2)_1)
1265.545
1289.619
1317.625
1383.717(PEP+HexNAc(2)Hex(1)_1)
1417.680
1450.665
1479.679
1530.767
1578.743
1665.818
1691.812
M+H
m/z

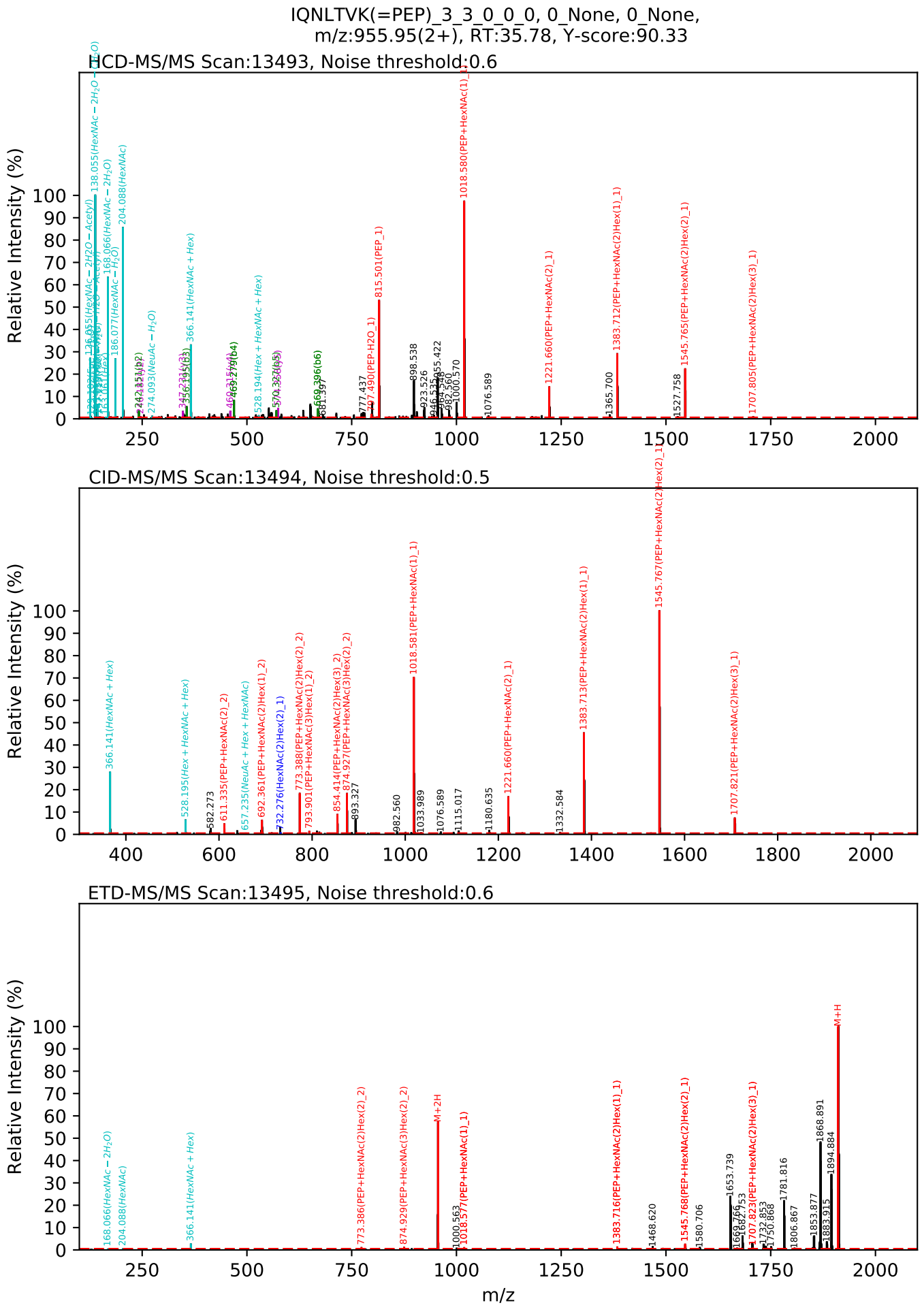

IQNLTVK(=PEP)_3_2_1_0_0, 0_None, 0_None,
m/z:927.44(2+), RT:37.77, Y-score:89.54
HCD-MS/MS Scan:14526, Noise threshold:0.7
CID-MS/MS Scan:14527, Noise threshold:0.6
ETD-MS/MS Scan:14528, Noise threshold:0.8
Relative Intensity (%)
m/z
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1018.582(PEP+HexNAc(1)_1)
1164.640(PEP+HexNAc(1)Fuc(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
M+H
M+2H

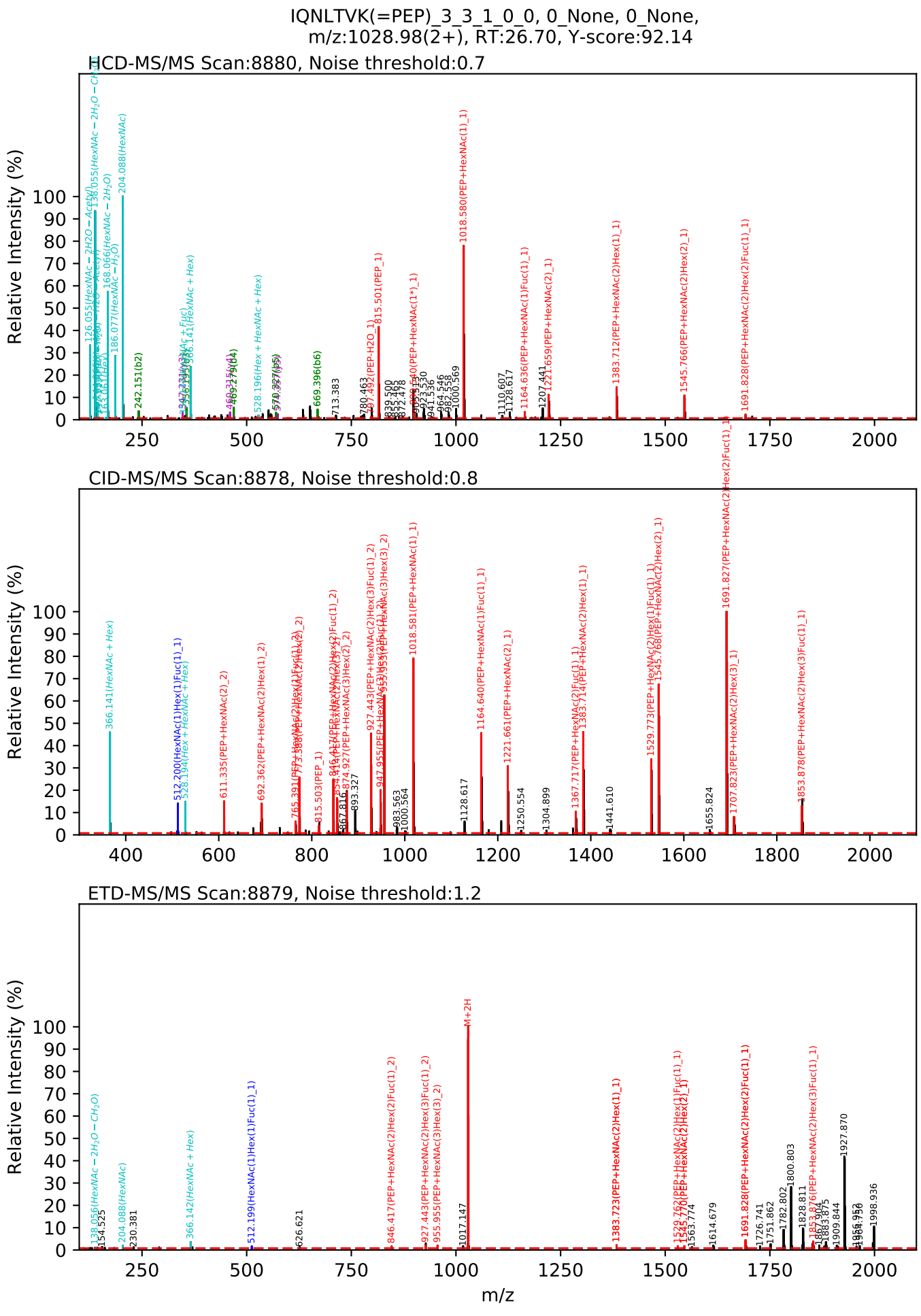

IQNLTVK(=PEP)_3_2_1_0_0, 0_None, 0_None,
m/z:927.44(2+), RT:36.98, Y-score:89.53
HCD-MS/MS Scan:14124, Noise threshold:0.7
CID-MS/MS Scan:14125, Noise threshold:0.6
ETD-MS/MS Scan:14126, Noise threshold:0.8
Relative Intensity (%)
m/z

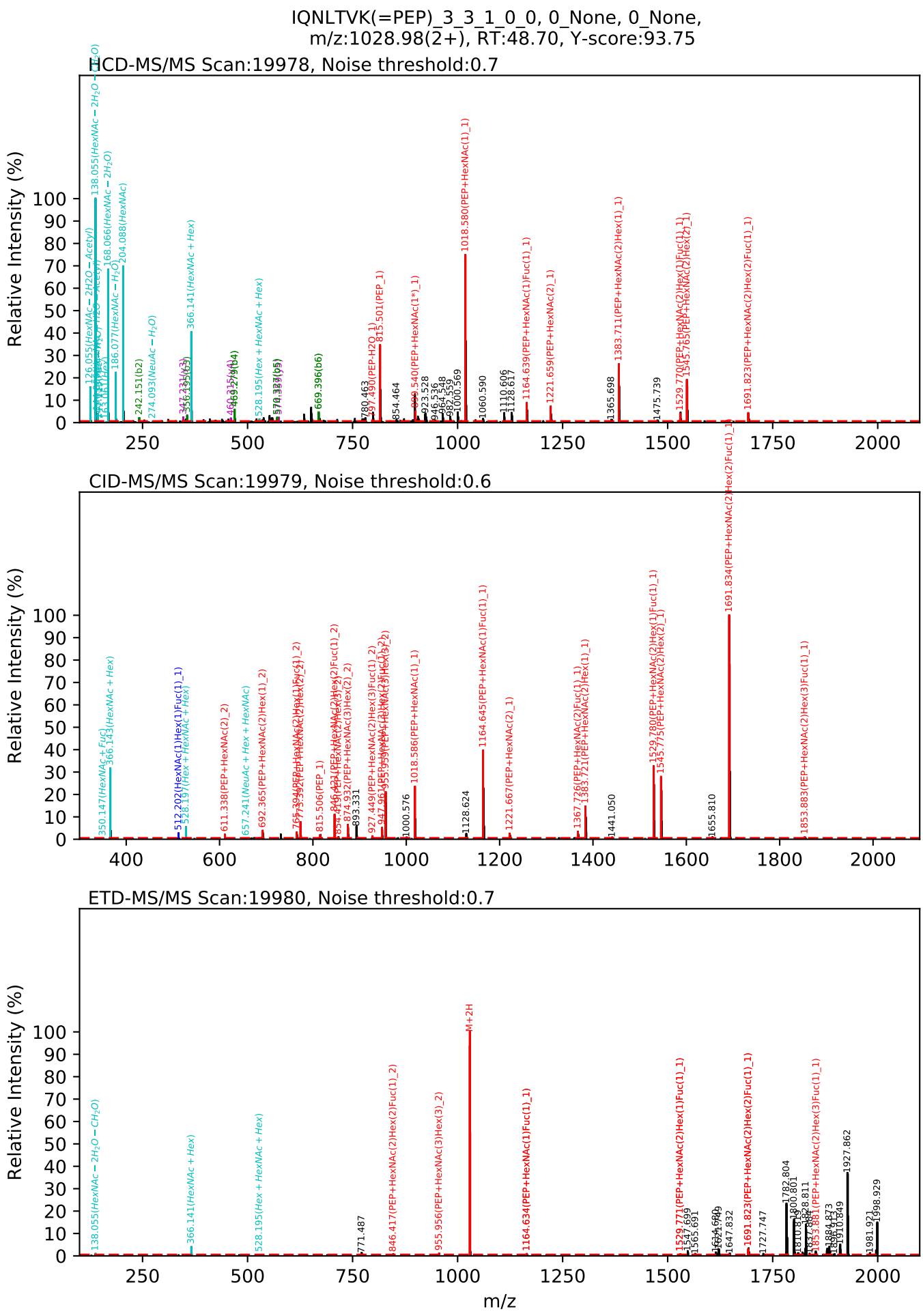

IQNLTVK(=PEP)_3_3_0_0_0, 0_None, 0_None,
m/z:955.95(2+), RT:26.30, Y-score:90.61
HCD-MS/MS Scan:8678, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:8679, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:8680, Noise threshold:0.9
Relative Intensity (%)
m/z

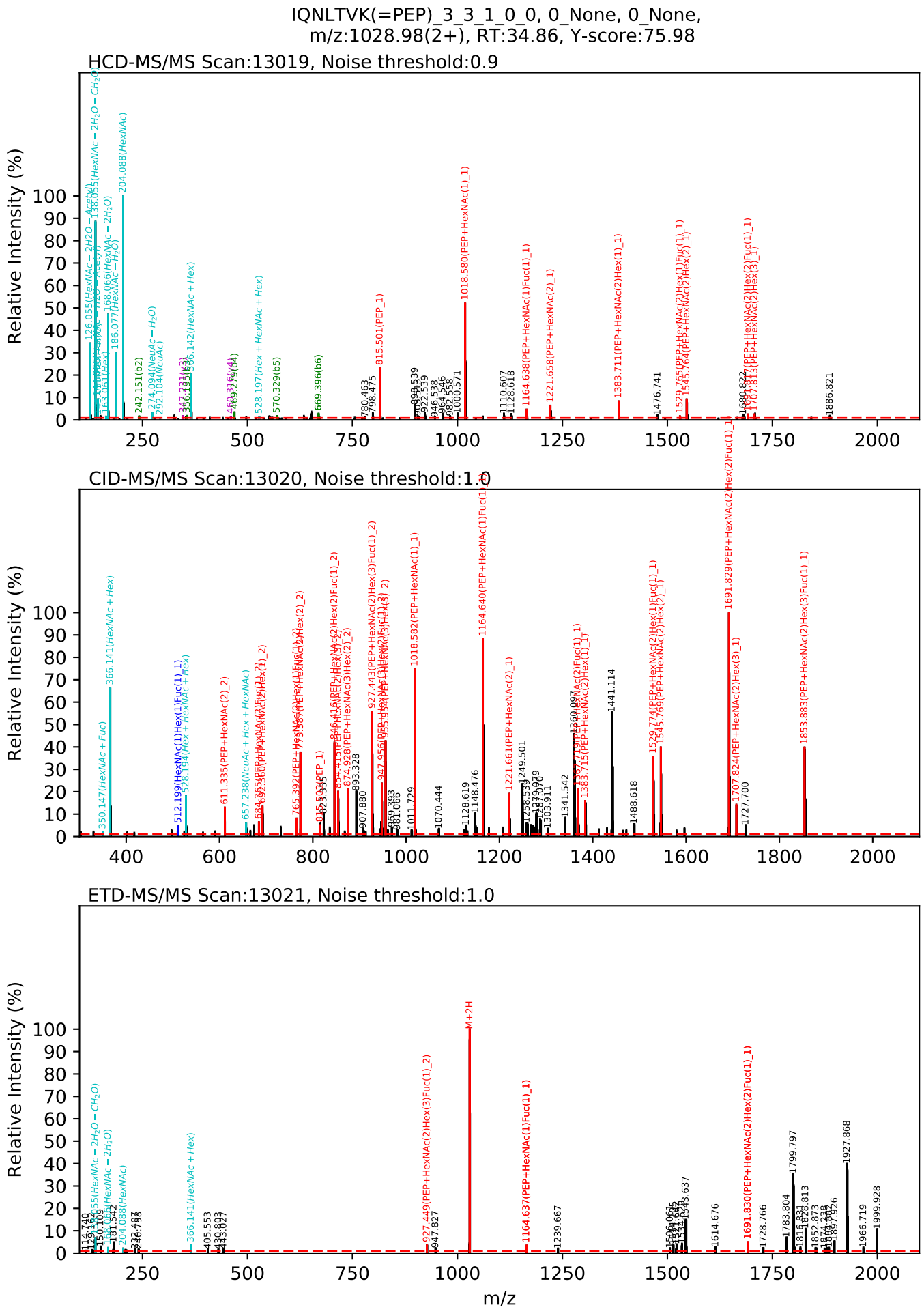

IQNLTVK(=PEP)_3_3_0_0_0, 0_None, 0_None,
m/z:955.95(2+), RT:26.85, Y-score:92.29
HCD-MS/MS Scan:8960, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:8961, Noise threshold:0.5
Relative Intensity (%)
ETD-MS/MS Scan:8962, Noise threshold:0.8
Relative Intensity (%)
m/z

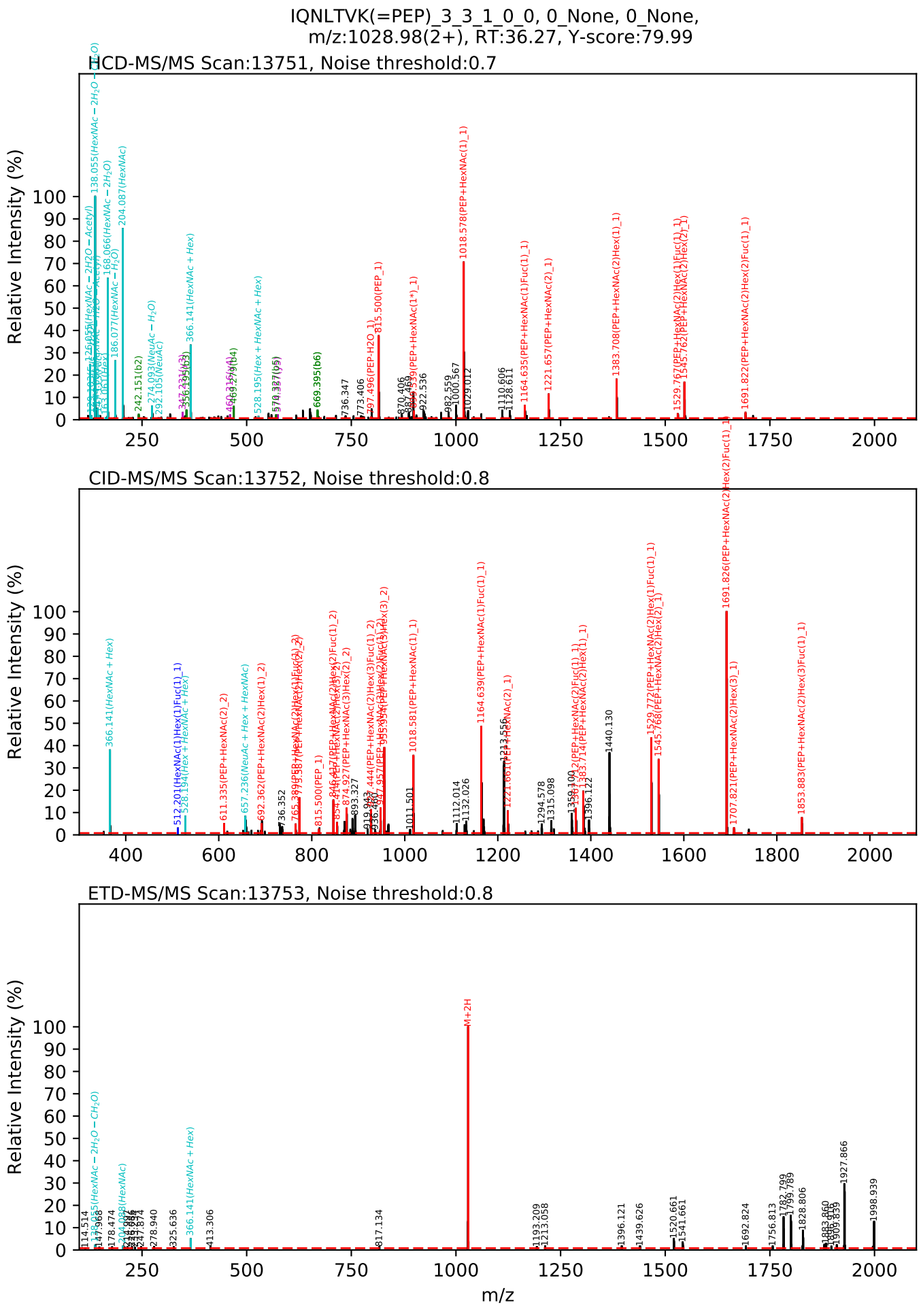

IQNLTVK(=PEP)_3_3_0_0_0, 0_None, 0_None,
m/z:955.95(2+), RT:48.73, Y-score:92.00
HCD-MS/MS Scan:19993, Noise threshold:0.6
CID-MS/MS Scan:19994, Noise threshold:0.5
ETD-MS/MS Scan:19995, Noise threshold:0.6
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
657.239(NeuAc + Hex + HexNAc)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
1018.581(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
204.088(HexNAc)
773.391(PEP+HexNAc(2)Hex(2)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
M+2H
1018.581(PEP+HexNAc(1)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.835(PEP+HexNAc(2)Hex(3)_1)
M+H

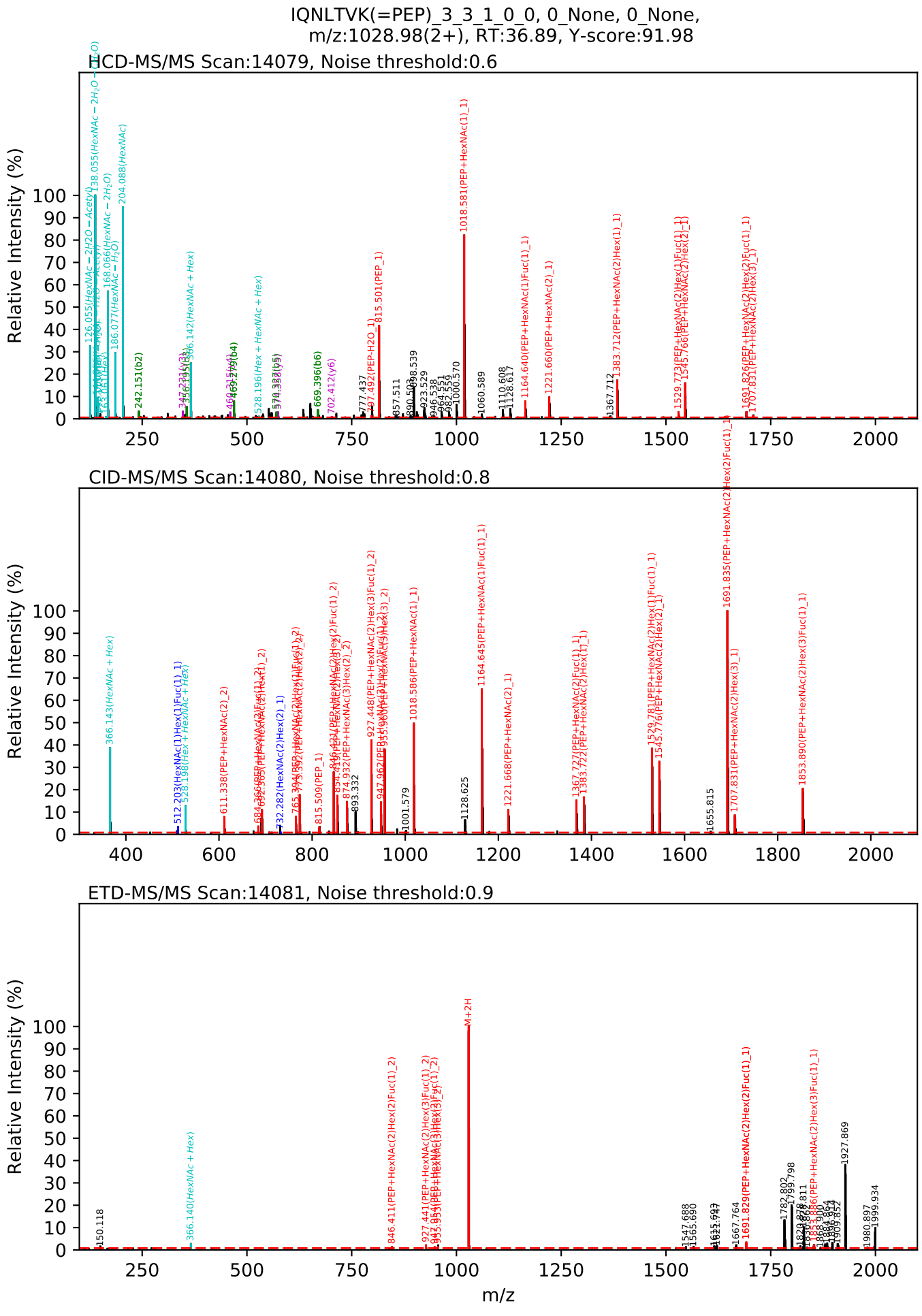

IQNLTVK(=PEP)_3_3_0_0_0, 0_None, 0_None,
m/z:955.95(2+), RT:35.78, Y-score:90.33
HCD-MS/MS Scan:13493, Noise threshold:0.6
CID-MS/MS Scan:13494, Noise threshold:0.5
ETD-MS/MS Scan:13495, Noise threshold:0.6
Relative Intensity (%)
m/z

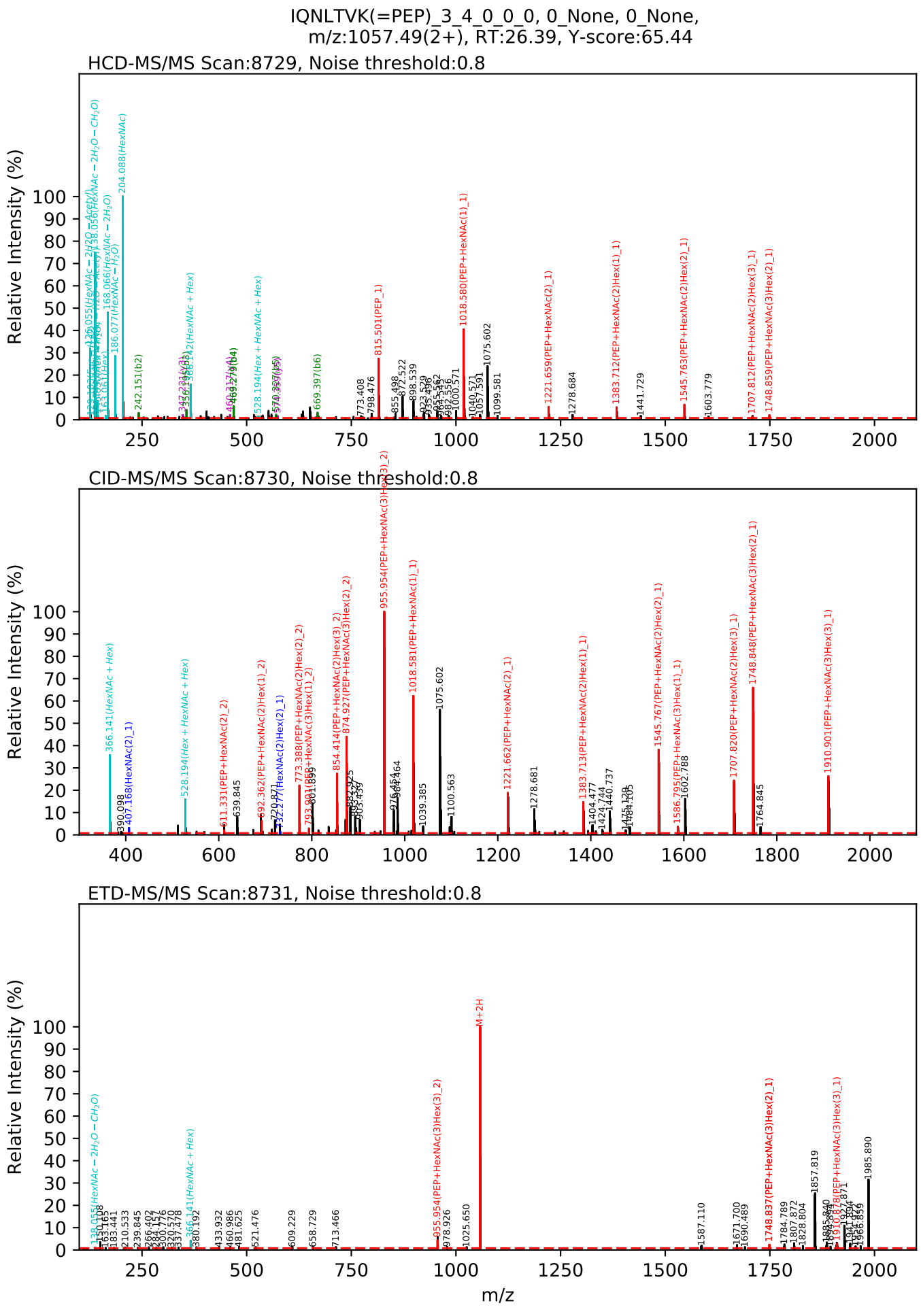

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:26.70, Y-score:92.14
HCD-MS/MS Scan:8880, Noise threshold:0.7
CID-MS/MS Scan:8878, Noise threshold:0.8
ETD-MS/MS Scan:8879, Noise threshold:1.2
Relative Intensity (%)
m/z

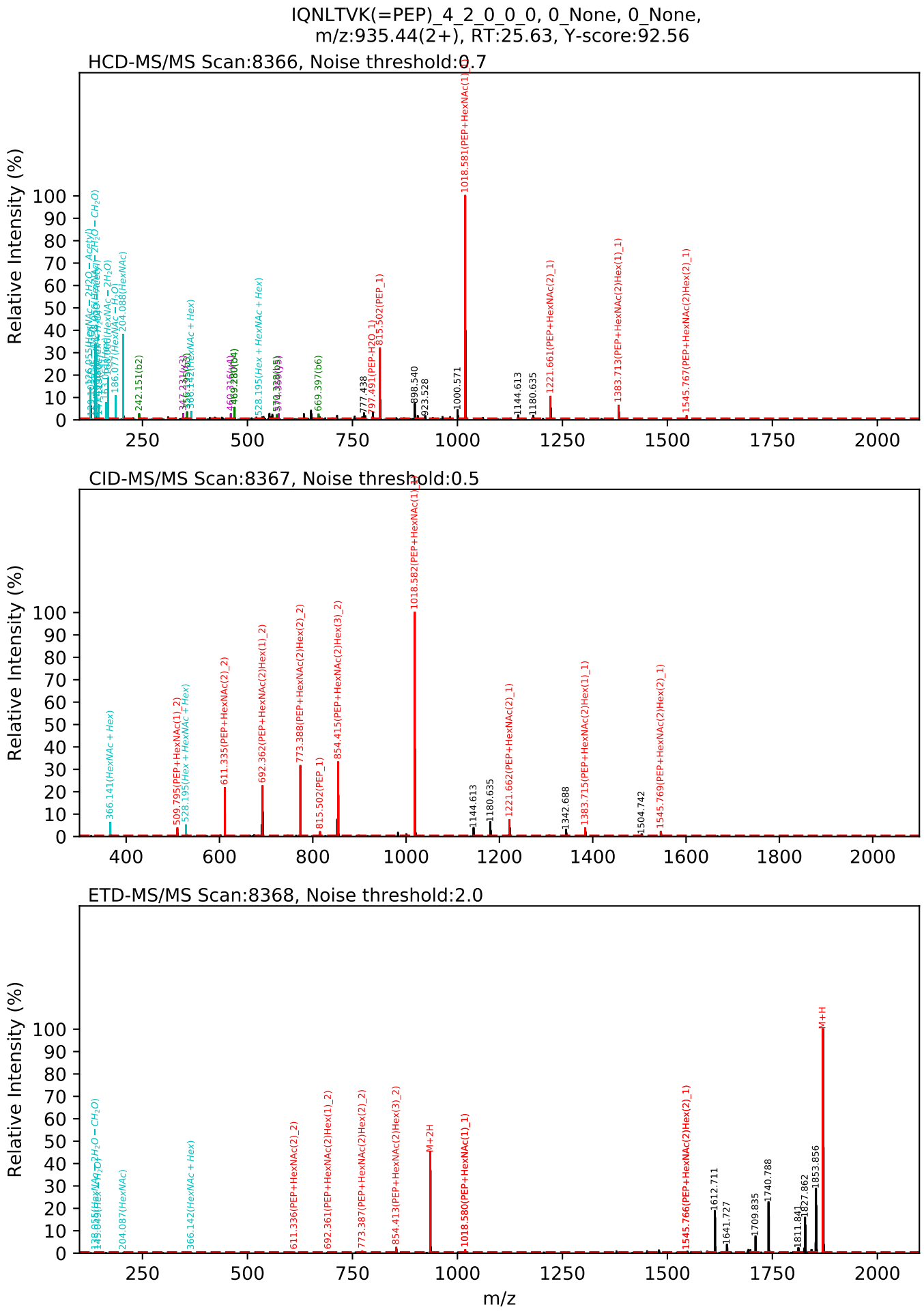

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:48.70, Y-score:93.75
HCD-MS/MS Scan:19978, Noise threshold:0.7
CID-MS/MS Scan:19979, Noise threshold:0.6
ETD-MS/MS Scan:19980, Noise threshold:0.7
Relative Intensity (%)
m/z

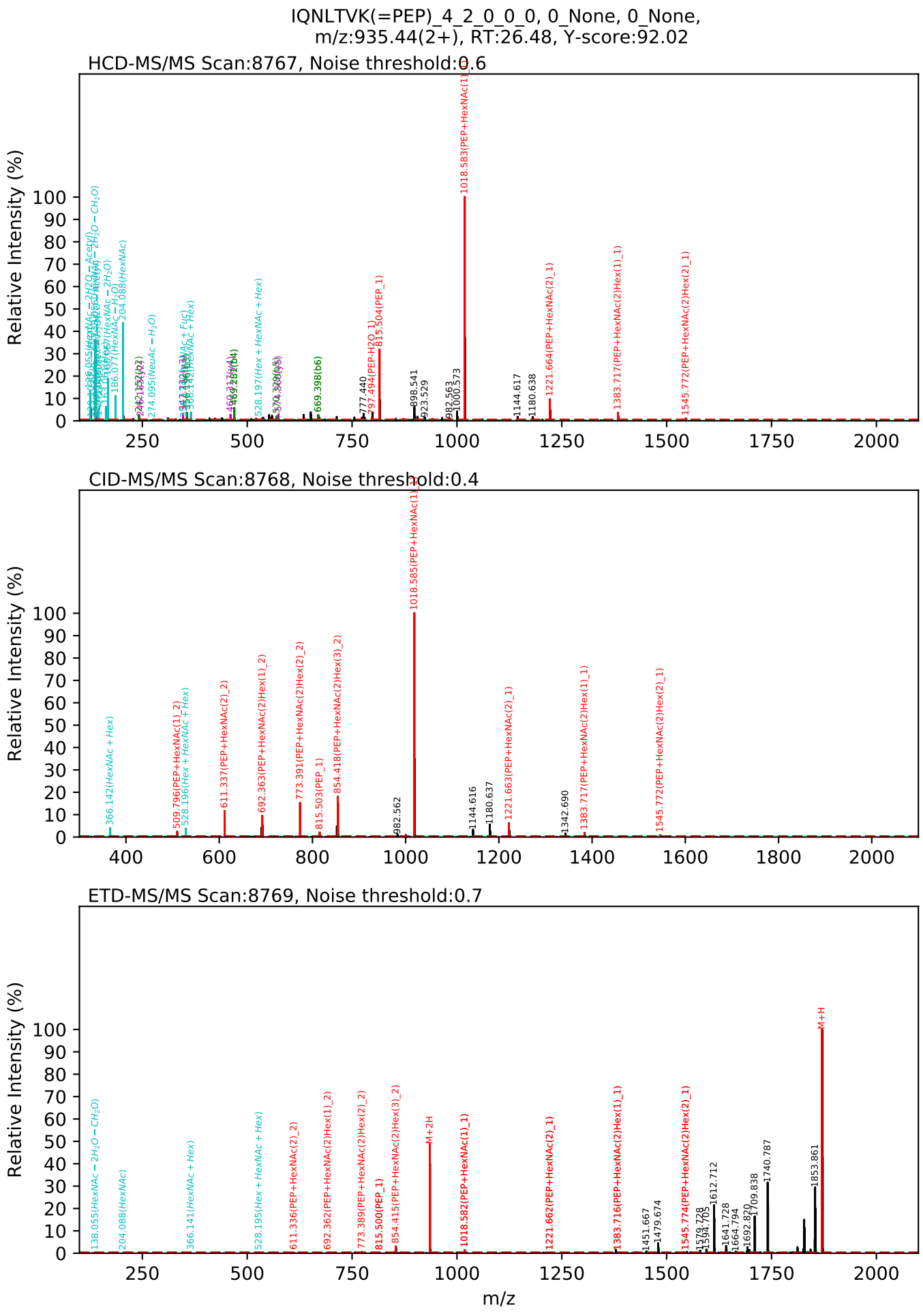

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:34.86, Y-score:75.98
HCD-MS/MS Scan:13019, Noise threshold:0.9
CID-MS/MS Scan:13020, Noise threshold:1.0
ETD-MS/MS Scan:13021, Noise threshold:1.0
Relative Intensity (%)
m/z

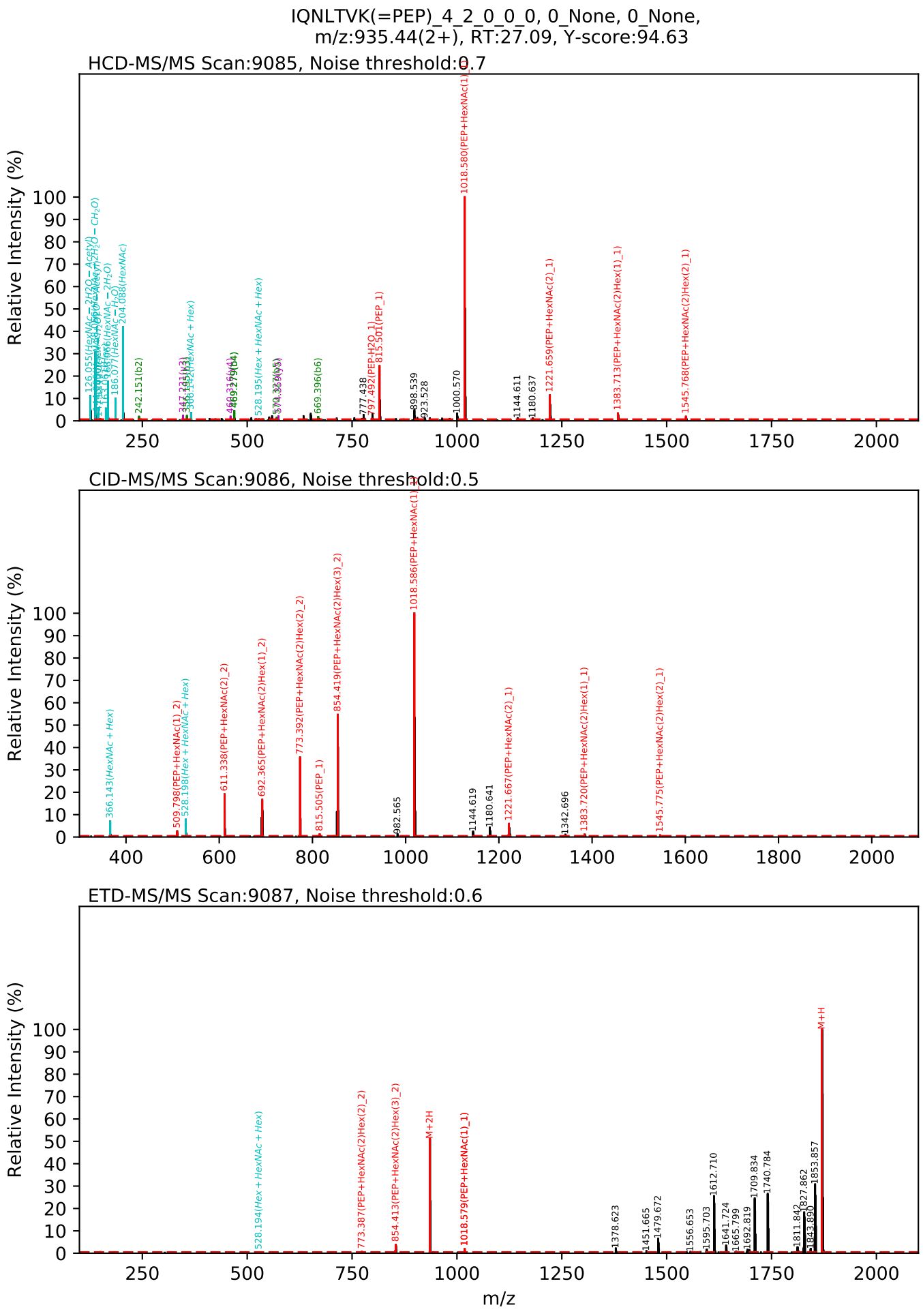

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:36.27, Y-score:79.99
HCD-MS/MS Scan:13751, Noise threshold:0.7
CID-MS/MS Scan:13752, Noise threshold:0.8
ETD-MS/MS Scan:13753, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H

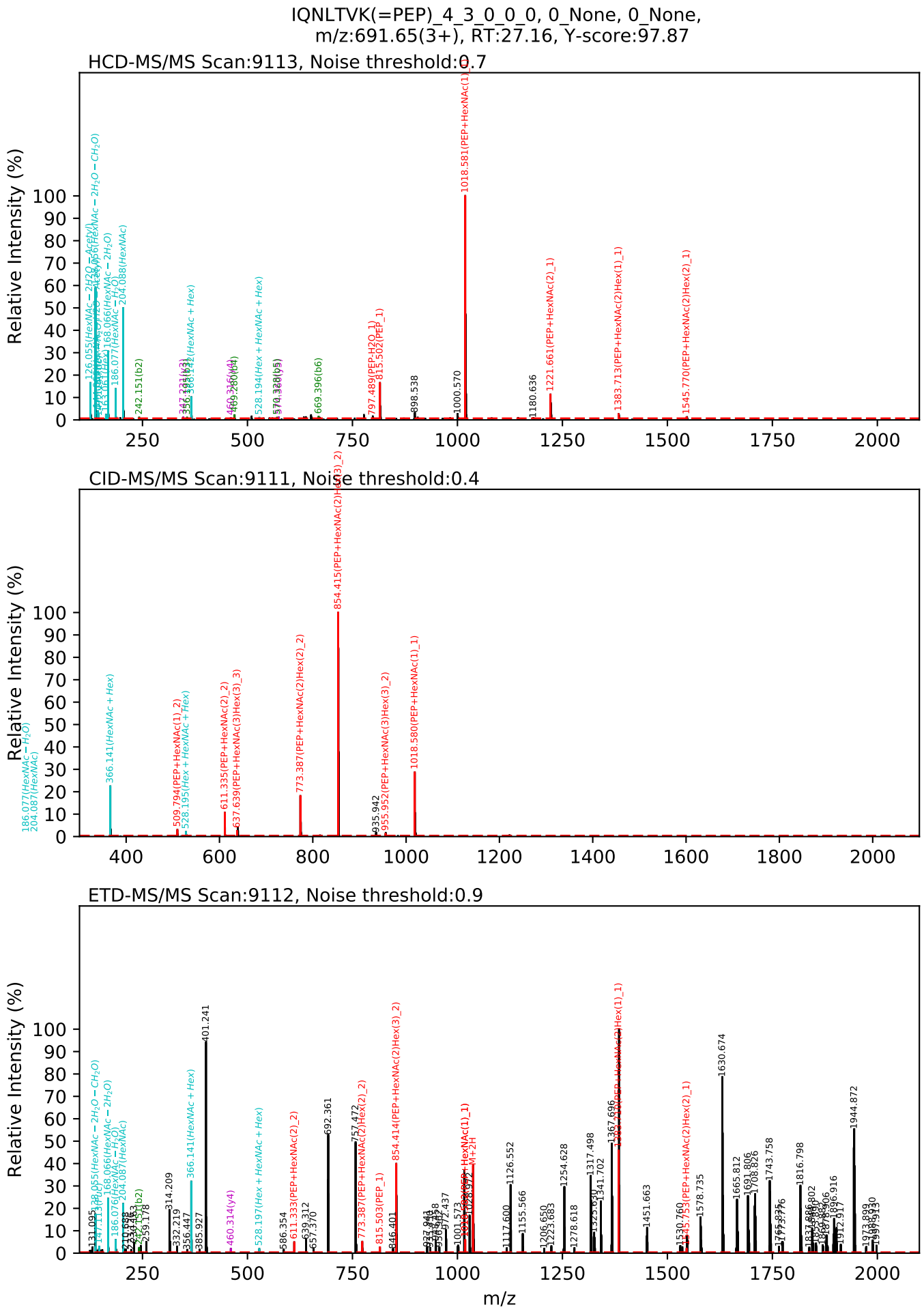

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:36.89, Y-score:91.98
HCD-MS/MS Scan:14079, Noise threshold:0.6
CID-MS/MS Scan:14080, Noise threshold:0.8
ETD-MS/MS Scan:14081, Noise threshold:0.9
Relative Intensity (%)
m/z

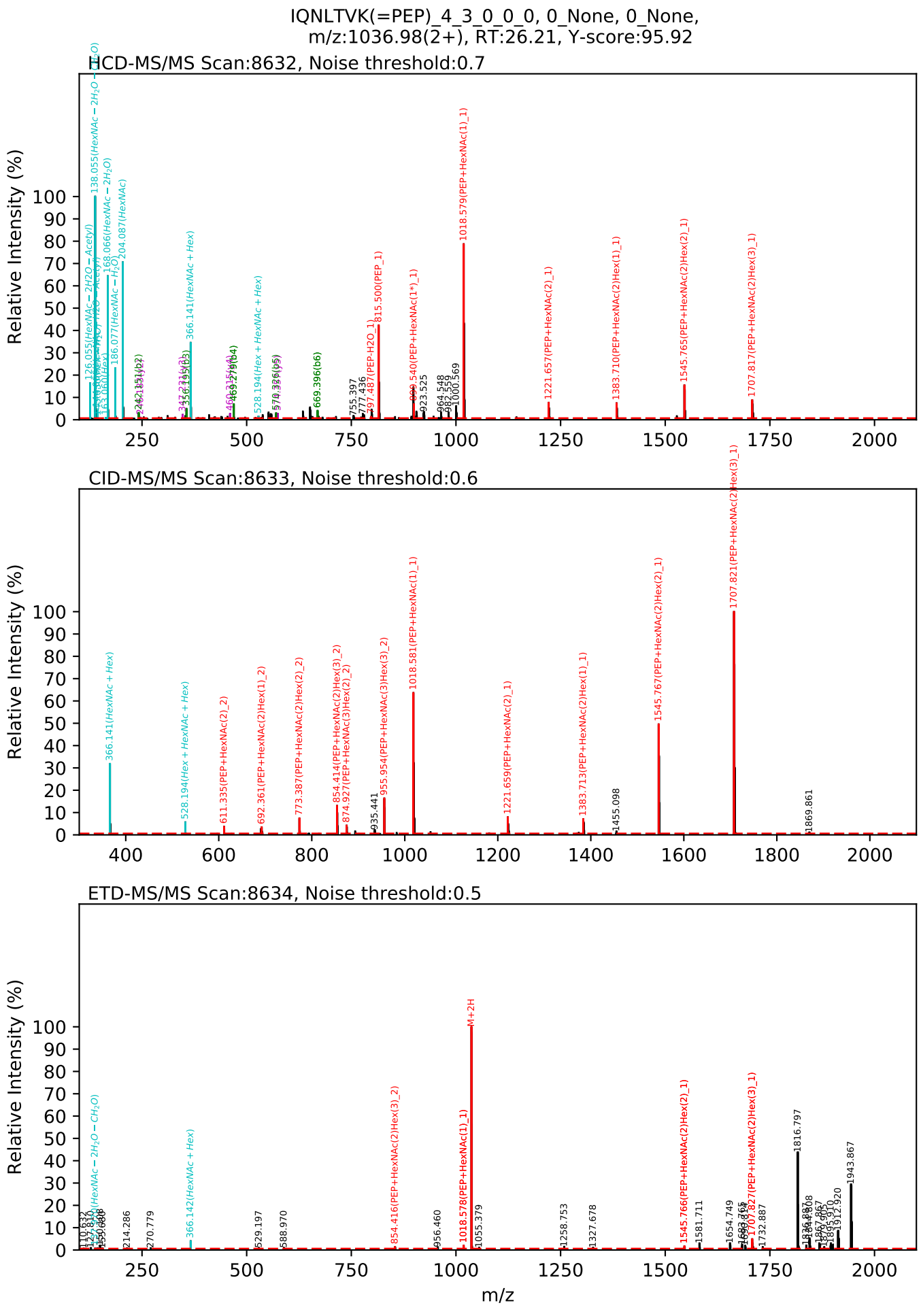

IQNLTVK(=PEP)_3_4_0_0_0, 0_None, 0_None,
m/z:1057.49(2+), RT:26.39, Y-score:65.44
HCD-MS/MS Scan:8729, Noise threshold:0.8
CID-MS/MS Scan:8730, Noise threshold:0.8
ETD-MS/MS Scan:8731, Noise threshold:0.8
Relative Intensity (%)
m/z

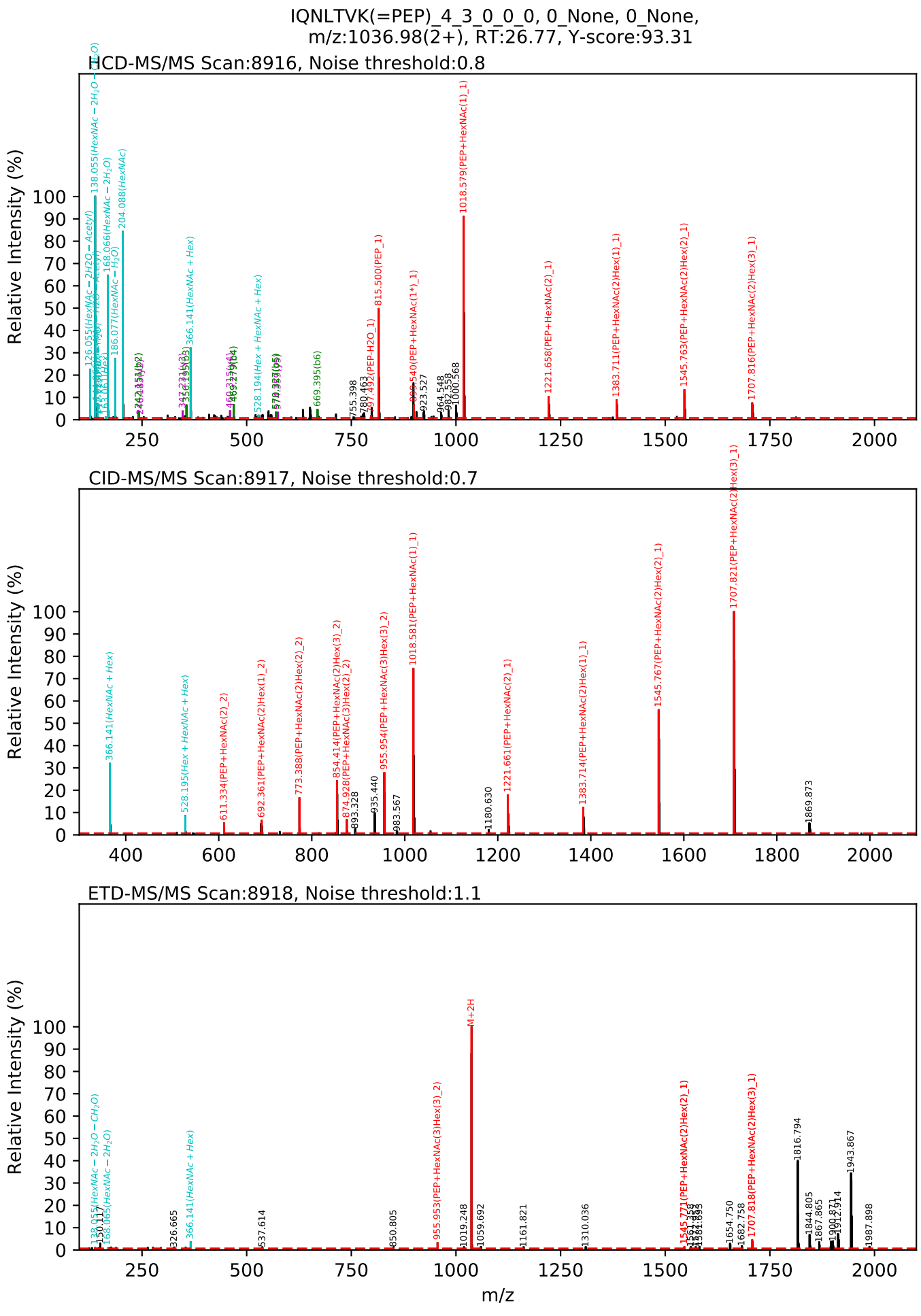

IQNLTVK(=PEP)_4_2_0_0_0, 0_None, 0_None,
m/z:935.44(2+), RT:25.63, Y-score:92.56
HCD-MS/MS Scan:8366, Noise threshold:0.7
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
815.502(PEP_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:8367, Noise threshold:0.5
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
611.335(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
1221.662(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:8368, Noise threshold:2.0
Relative Intensity (%)
M+H
M+2H
1018.580(PEP+HexNAc(1)_1)
611.336(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
1545.766(PEP+HexNAc(2)Hex(2)_1)
m/z

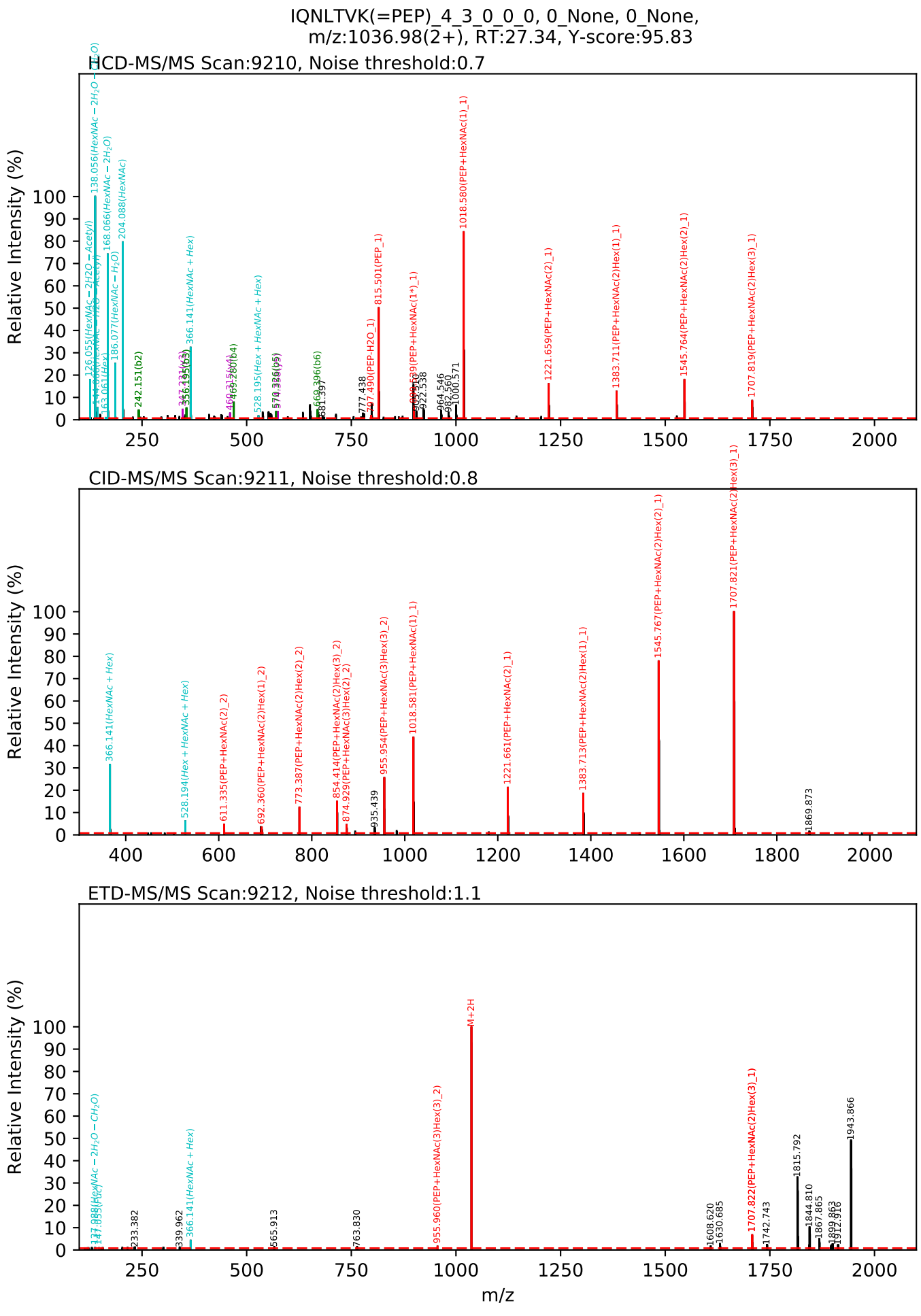

IQNLTVK(=PEP)_4_2_0_0_0, 0_None, 0_None,
m/z:935.44(2+), RT:26.48, Y-score:92.02
HCD-MS/MS Scan:8767, Noise threshold:0.6
Relative Intensity (%)
1018.583(PEP+HexNAc(1)_1)
815.504(PEP_1)
669.398(b6)
528.197(Hex + HexNAc + Hex)
204.088(HexNAc)
1221.664(PEP+HexNAc(2)_1)
1383.717(PEP+HexNAc(2)Hex(1)_1)
1545.772(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:8768, Noise threshold:0.4
Relative Intensity (%)
1018.585(PEP+HexNAc(1)_1)
366.142(HexNAc + Hex)
611.337(PEP+HexNAc(2)_2)
692.363(PEP+HexNAc(2)Hex(1)_2)
773.391(PEP+HexNAc(2)Hex(2)_2)
854.418(PEP+HexNAc(2)Hex(3)_2)
815.503(PEP_1)
1221.663(PEP+HexNAc(2)_1)
1383.717(PEP+HexNAc(2)Hex(1)_1)
1545.772(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:8769, Noise threshold:0.7
Relative Intensity (%)
M+H
M+2H
1018.582(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.716(PEP+HexNAc(2)Hex(1)_1)
1545.774(PEP+HexNAc(2)Hex(2)_1)
m/z

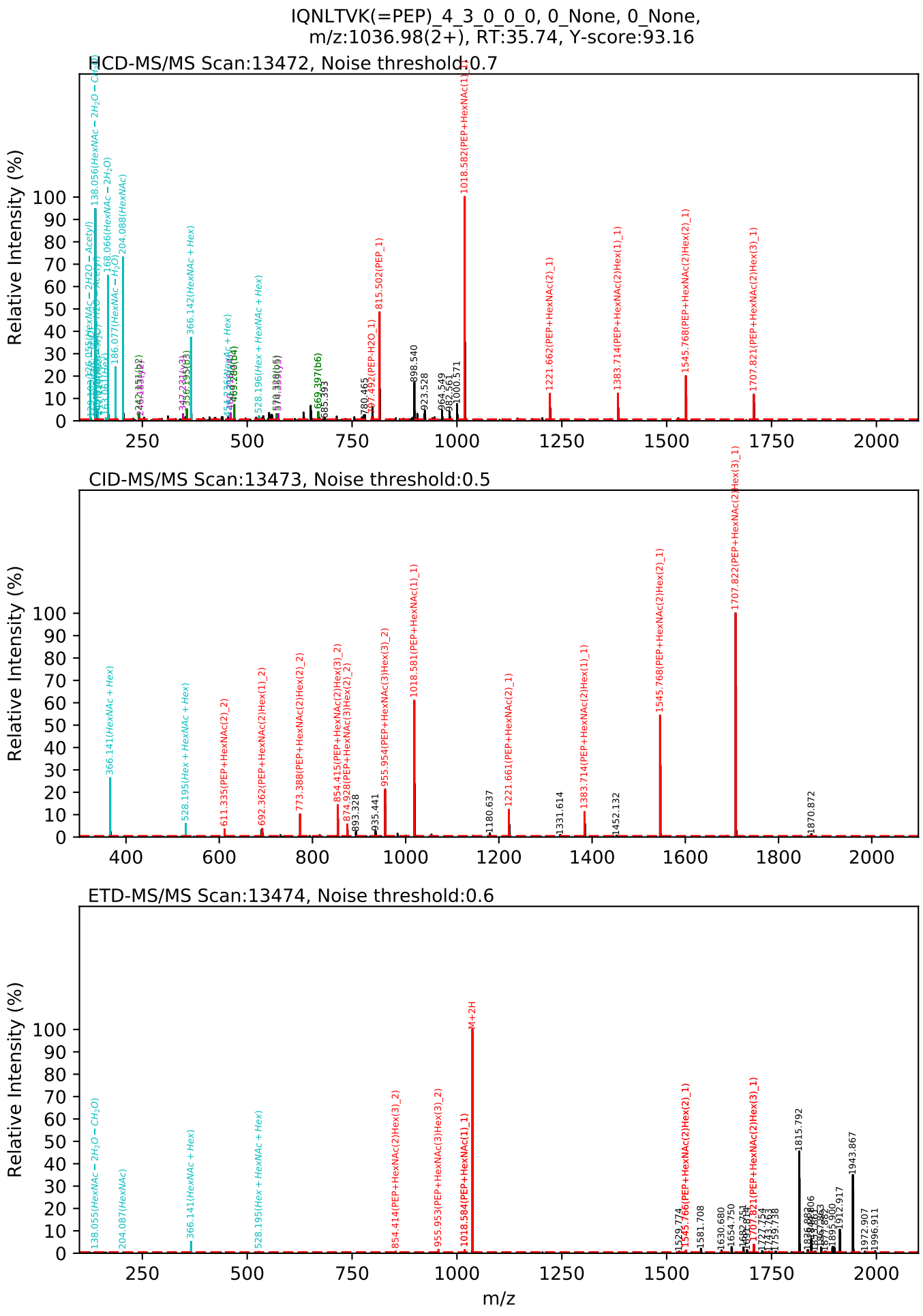

IQNLTVK(=PEP)_4_2_0_0_0, 0_None, 0_None,
m/z:935.44(2+), RT:27.09, Y-score:94.63
HCD-MS/MS Scan:9085, Noise threshold:0.7
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:9086, Noise threshold:0.5
Relative Intensity (%)
366.143(HexNAc + Hex)
509.798(PEP+HexNAc(1)_2)
528.198(Hex + HexNAc + Hex)
611.338(PEP+HexNAc(2)_2)
692.365(PEP+HexNAc(2)Hex(1)_2)
773.392(PEP+HexNAc(2)Hex(2)_2)
815.505(PEP_1)
854.419(PEP+HexNAc(2)Hex(3)_2)
1018.586(PEP+HexNAc(1)_1)
1144.619
1180.641
1221.667(PEP+HexNAc(2)_1)
1342.696
1383.720(PEP+HexNAc(2)Hex(1)_1)
1545.775(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:9087, Noise threshold:0.6
Relative Intensity (%)
528.194(Hex + HexNAc + Hex)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
M+2H
1018.579(PEP+HexNAc(1)_1)
M+H
m/z

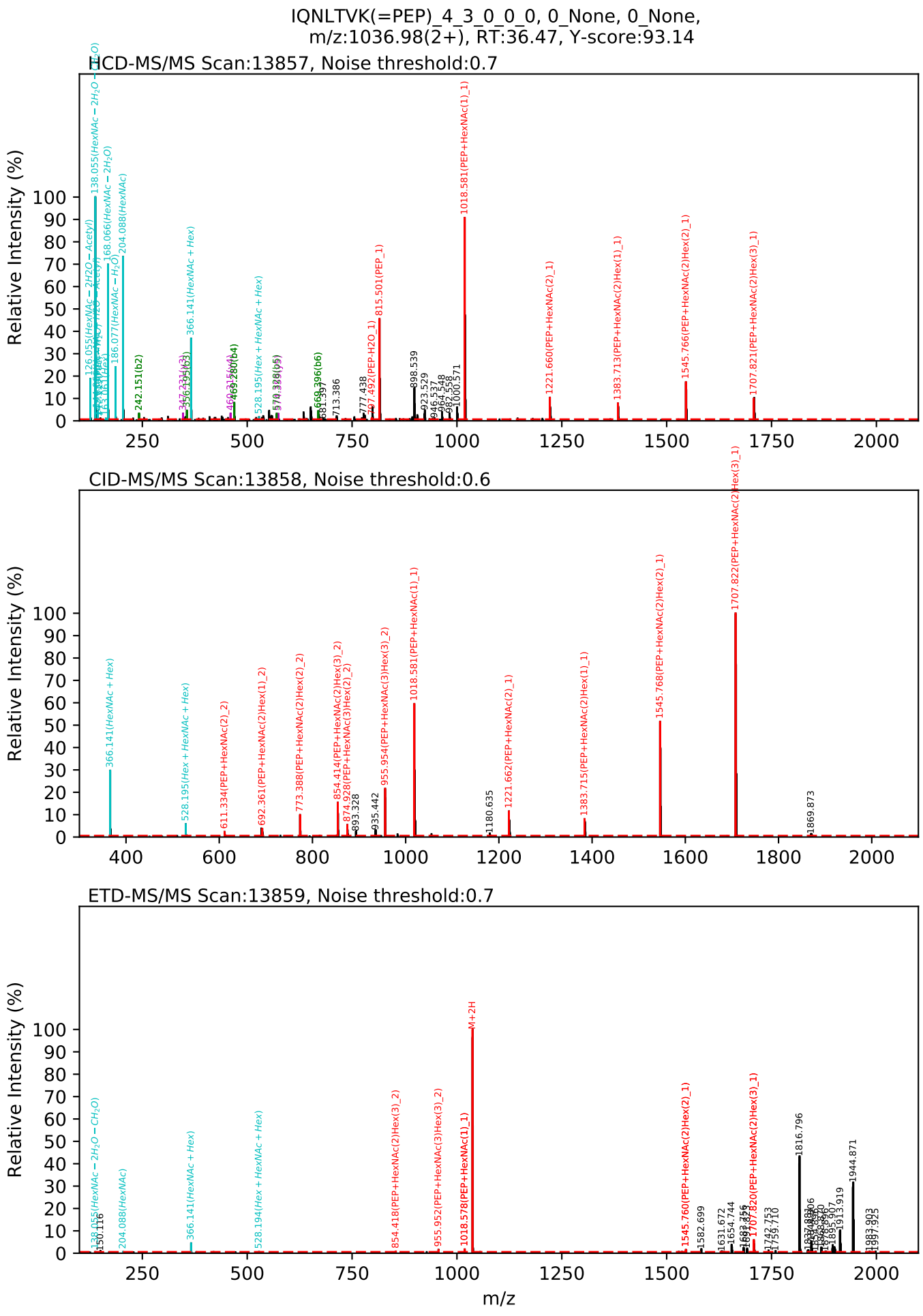

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:691.65(3+), RT:27.16, Y-score:97.87
HCD-MS/MS Scan:9113, Noise threshold:0.7
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
815.502(PEP_1)
797.489(PEP-H2O_1)
CID-MS/MS Scan:9111, Noise threshold:0.4
Relative Intensity (%)
854.415(PEP+HexNAc(2)Hex(3)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
1018.580(PEP+HexNAc(1)_1)
366.141(HexNAc + Hex)
ETD-MS/MS Scan:9112, Noise threshold:0.9
Relative Intensity (%)
m/z

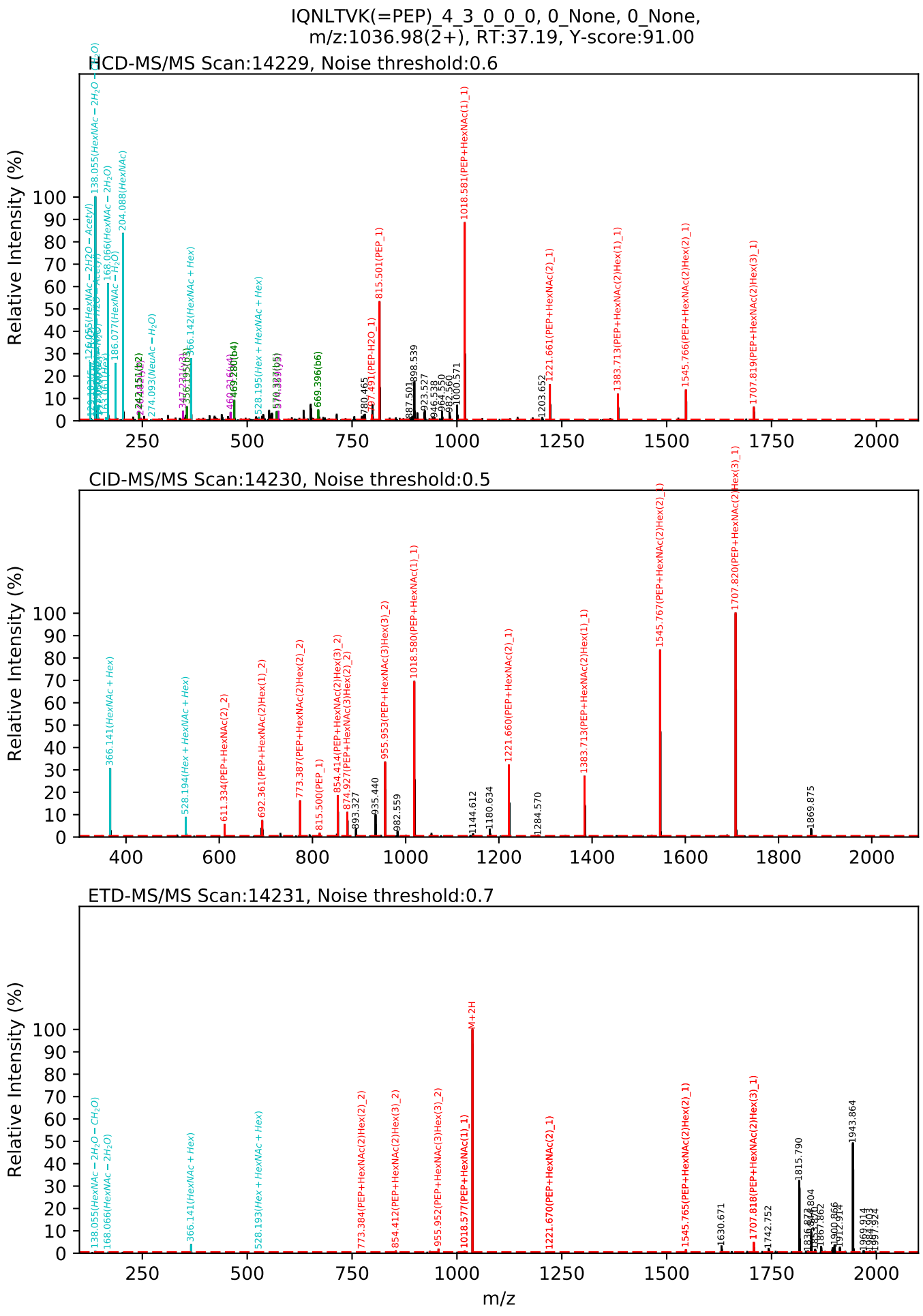

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:26.21, Y-score:95.92
HCD-MS/MS Scan:8632, Noise threshold:0.7
CID-MS/MS Scan:8633, Noise threshold:0.6
ETD-MS/MS Scan:8634, Noise threshold:0.5
Relative Intensity (%)
m/z

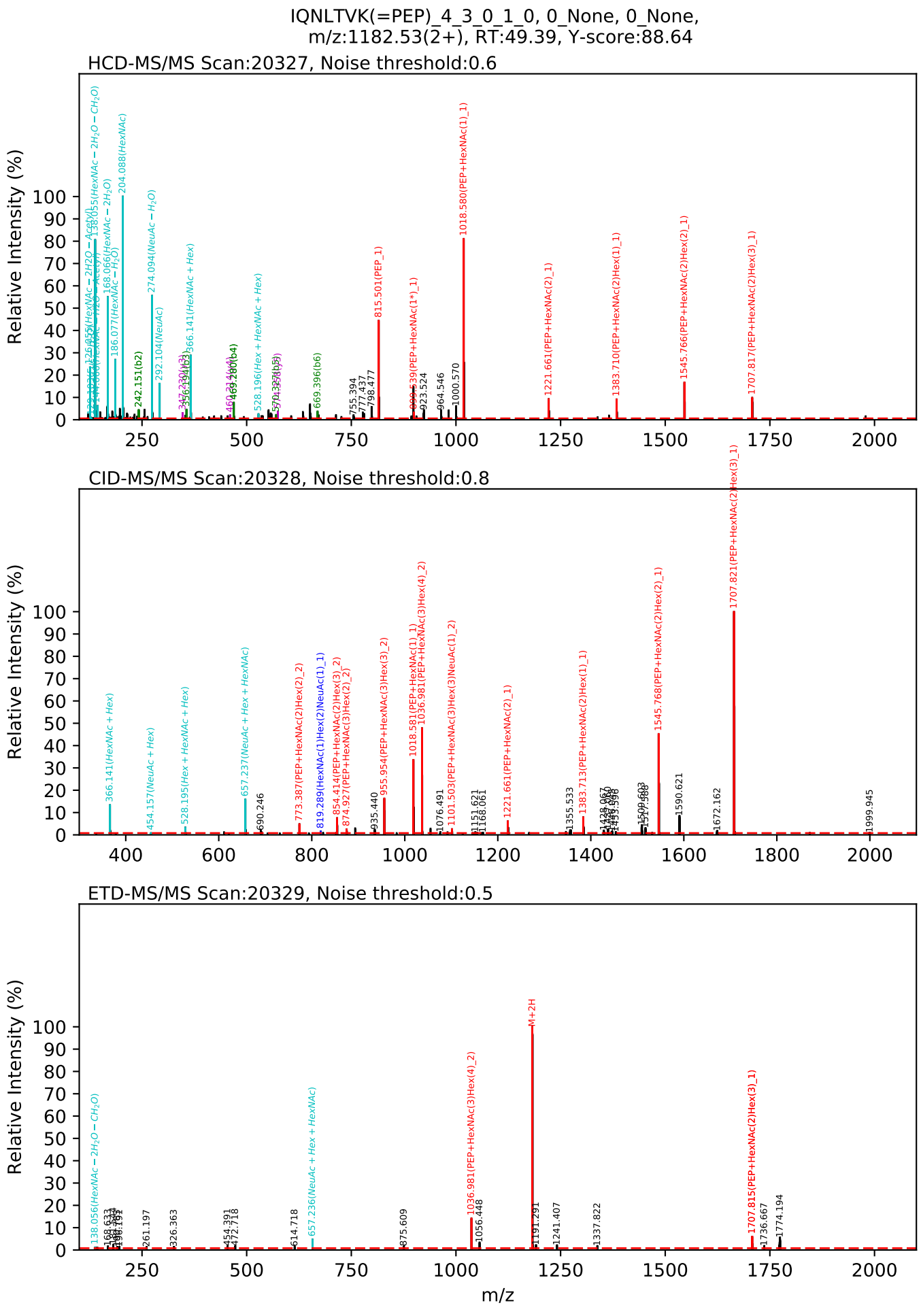

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:26.77, Y-score:93.31
HCD-MS/MS Scan:8916, Noise threshold:0.8
Relative Intensity (%)
1018.579(PEP+HexNAc(1)_1)
815.500(PEP_1)
1221.658(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
669.395(b6)
204.088(HexNAc)
CID-MS/MS Scan:8917, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1869.873
ETD-MS/MS Scan:8918, Noise threshold:1.1
Relative Intensity (%)
M+2H
955.953(PEP+HexNAc(3)Hex(3)_2)
1545.771(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
366.141(HexNAc + Hex)
1816.794
1943.867
m/z

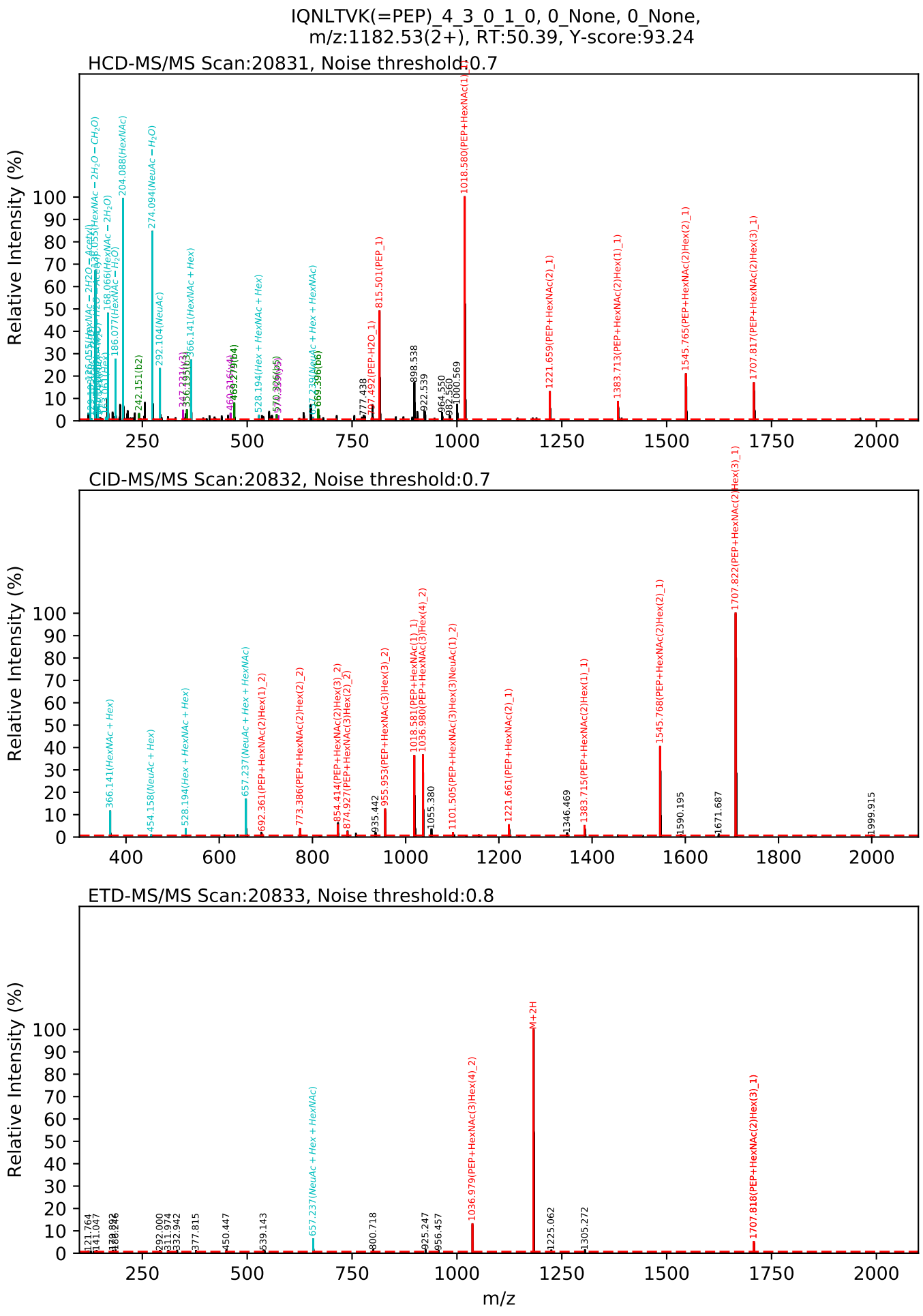

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:27.34, Y-score:95.83
HCD-MS/MS Scan:9210, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:9211, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:9212, Noise threshold:1.1
Relative Intensity (%)
m/z

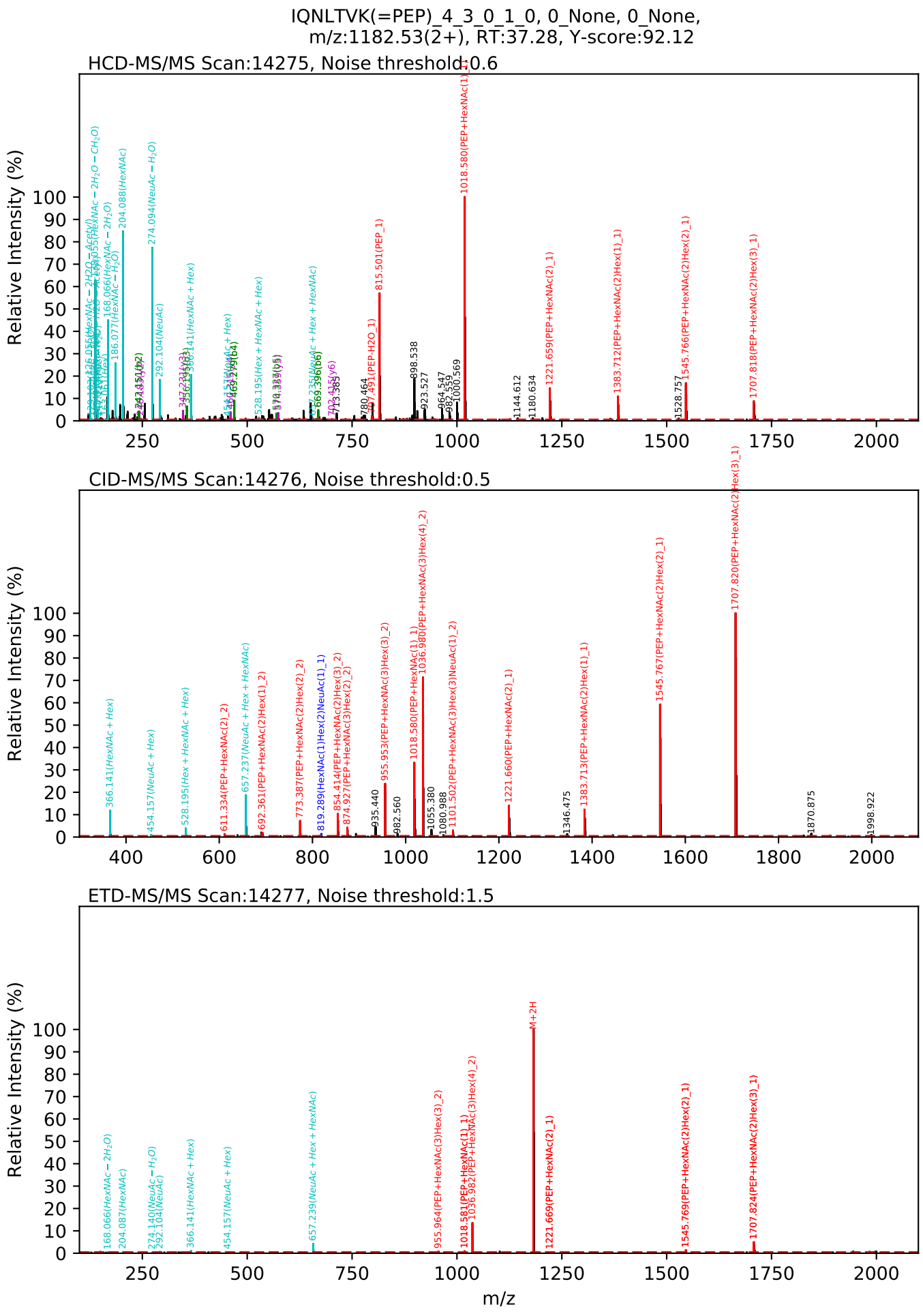

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:35.74, Y-score:93.16
HCD-MS/MS Scan:13472, Noise threshold:0.7
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
815.502(PEP_1)
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
366.142(HexNAc + Hex)
204.088(HexNAc)
CID-MS/MS Scan:13473, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:13474, Noise threshold:0.6
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
204.087(HexNAc)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
854.414(PEP+HexNAc(2)Hex(3)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.584(PEP+HexNAc(1)_1)
M+2H
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1815.792
1943.867
m/z

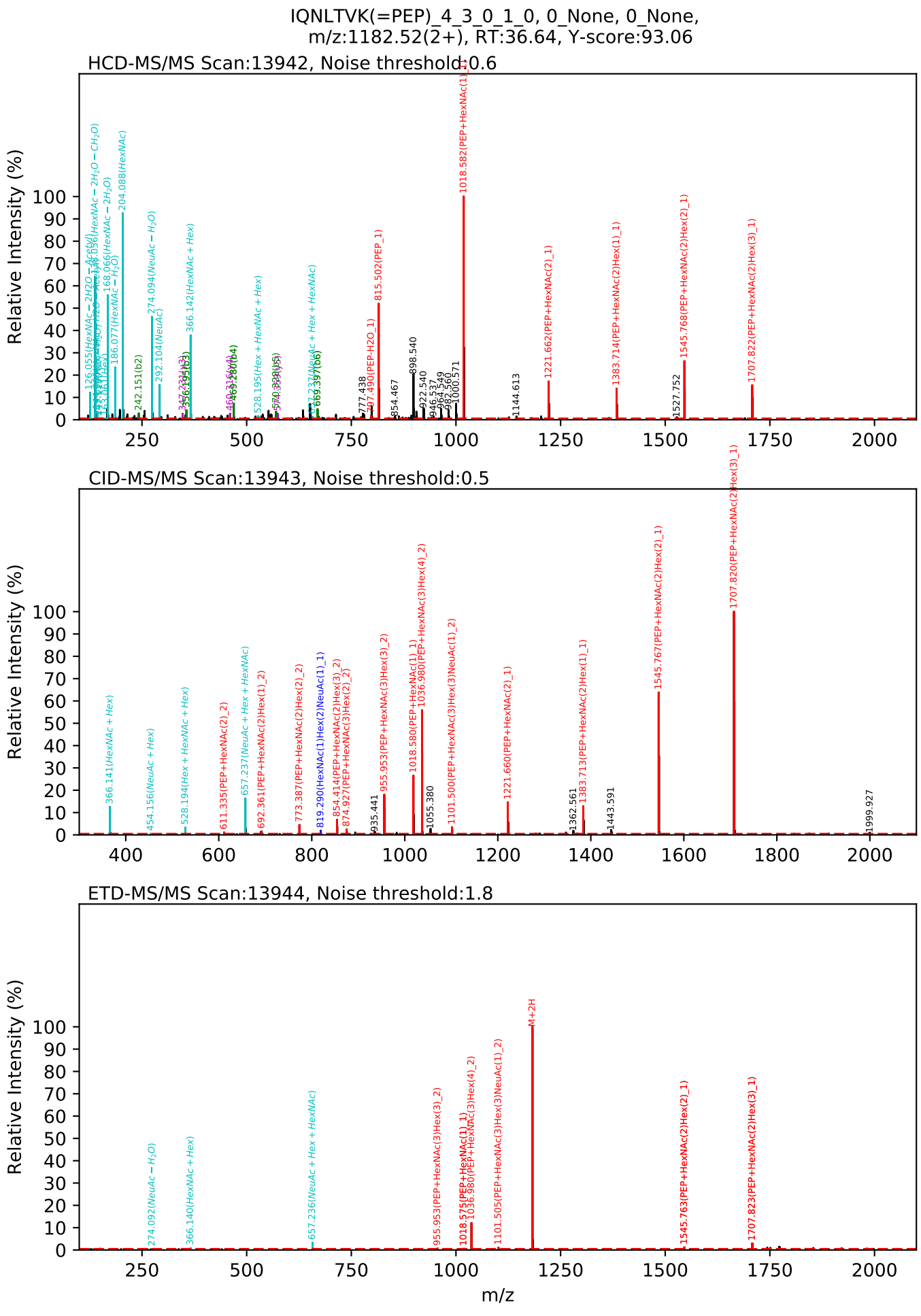

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:36.47, Y-score:93.14
HCD-MS/MS Scan:13857, Noise threshold:0.7
CID-MS/MS Scan:13858, Noise threshold:0.6
ETD-MS/MS Scan:13859, Noise threshold:0.7
Relative Intensity (%)
m/z

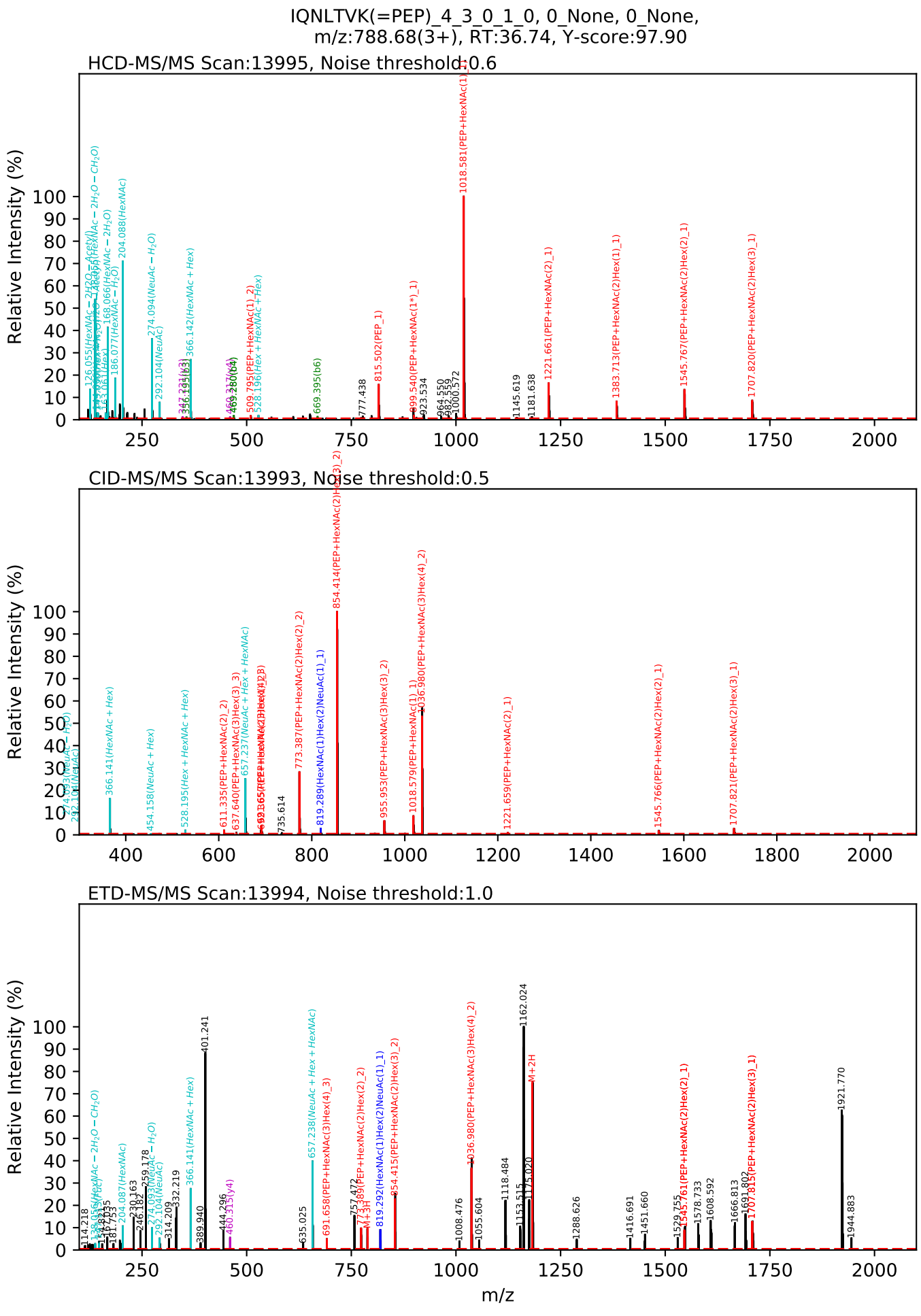

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:37.19, Y-score:91.00
HCD-MS/MS Scan:14229, Noise threshold:0.6
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
669.396(b6)
528.195(Hex + HexNAc + Hex)
366.142(HexNAc + Hex)
204.088(HexNAc)
CID-MS/MS Scan:14230, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
815.500(PEP_1)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:14231, Noise threshold:0.7
Relative Intensity (%)
M+2H
1018.577(PEP+HexNAc(1)_1)
1221.670(PEP+HexNAc(2)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
773.384(PEP+HexNAc(2)Hex(2)_2)
854.412(PEP+HexNAc(2)Hex(3)_2)
955.952(PEP+HexNAc(3)Hex(3)_2)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
m/z

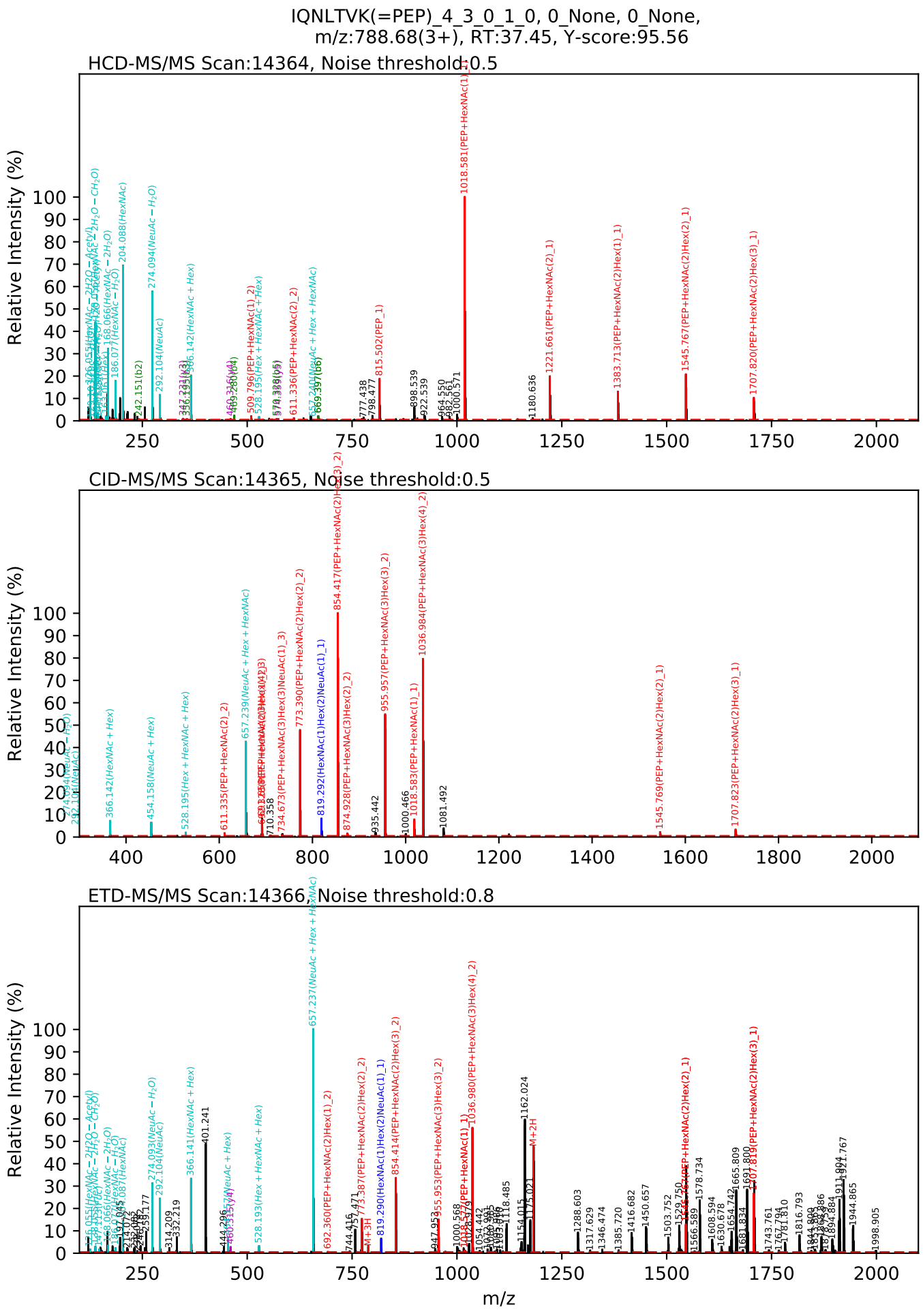

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.53(2+), RT:49.39, Y-score:88.64
HCD-MS/MS Scan:20327, Noise threshold:0.6
Relative Intensity (%)
242.151(b2)
274.094(NeuAc − H2O)
292.104(NeuAc)
669.396(b6)
815.501(PEP_1)
1018.580(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:20328, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
454.157(NeuAc + Hex)
528.195(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
773.387(PEP+HexNAc(2)Hex(2)_2)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1101.503(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:20329, Noise threshold:0.5
Relative Intensity (%)
138.056(HexNAc − 2H2O − CH2O)
261.197
326.363
614.718
657.236(NeuAc + Hex + HexNAc)
875.609
1036.981(PEP+HexNAc(3)Hex(4)_2)
M+2H
1191.291
1241.407
1337.822
1707.815(PEP+HexNAc(2)Hex(3)_1)
1736.667
1774.194
m/z

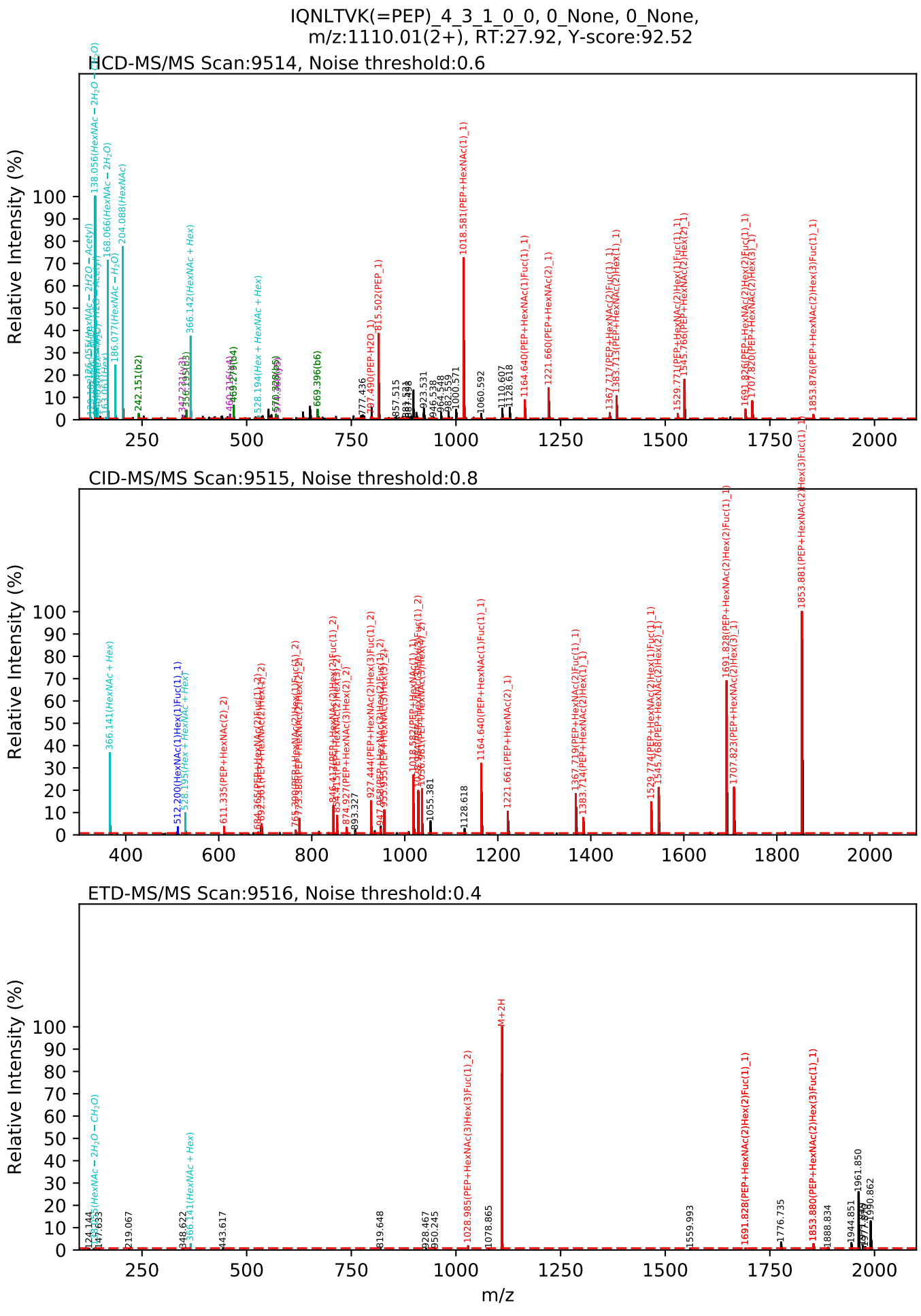

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.53(2+), RT:50.39, Y-score:93.24
HCD-MS/MS Scan:20831, Noise threshold:0.7
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.659(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:20832, Noise threshold:0.7
Relative Intensity (%)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1221.661(PEP+HexNAc(2)_1)
1018.581(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
ETD-MS/MS Scan:20833, Noise threshold:0.8
Relative Intensity (%)
M+2H
1036.979(PEP+HexNAc(3)Hex(4)_2)
1707.818(PEP+HexNAc(2)Hex(3)_1)
m/z

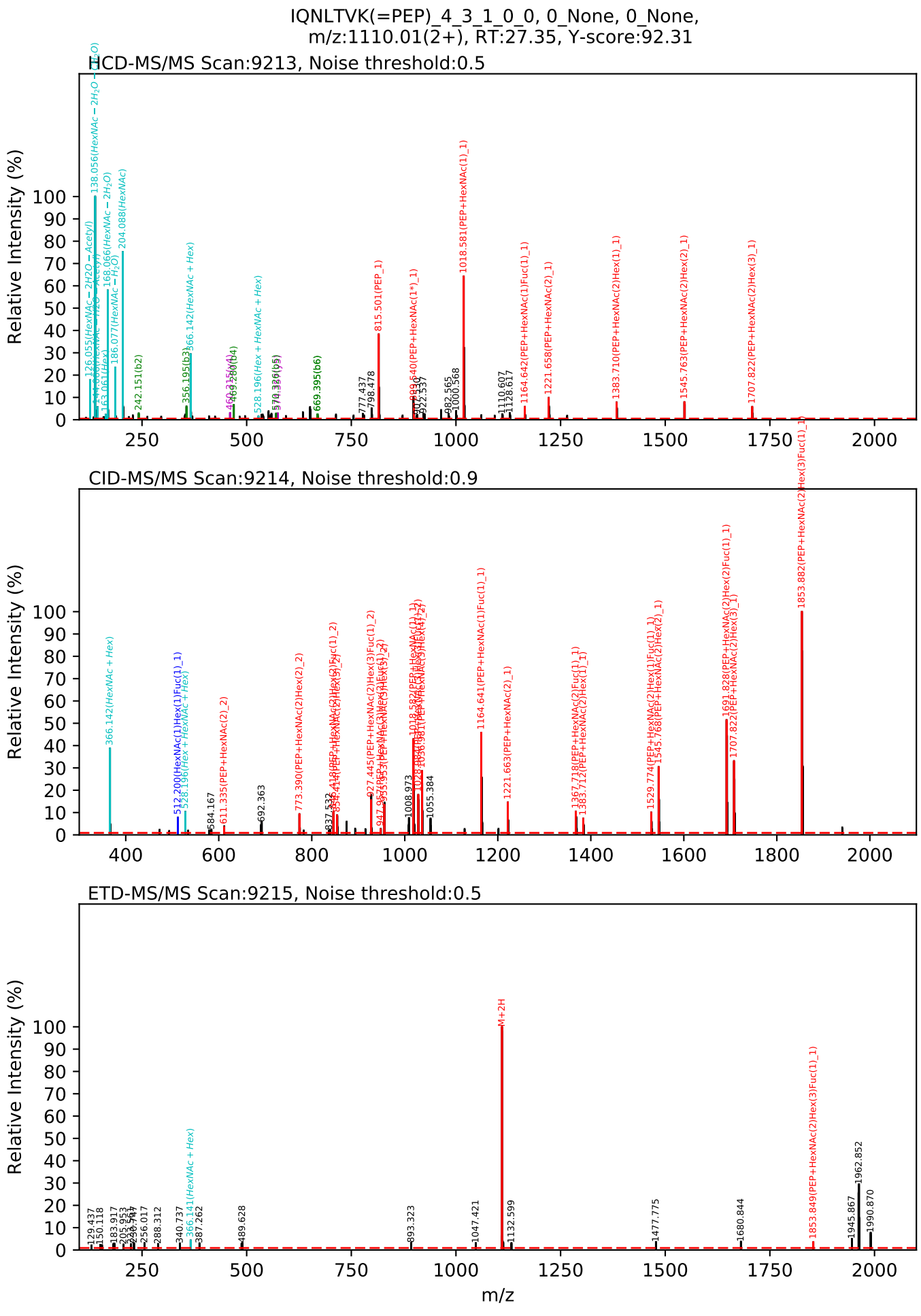

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.53(2+), RT:37.28, Y-score:92.12
HCD-MS/MS Scan:14275, Noise threshold:0.6
CID-MS/MS Scan:14276, Noise threshold:0.5
ETD-MS/MS Scan:14277, Noise threshold:1.5
Relative Intensity (%)
m/z
M+2H
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.659(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1221.660(PEP+HexNAc(2)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.824(PEP+HexNAc(2)Hex(3)_1)
1221.669(PEP+HexNAc(2)_1)
1036.982(PEP+HexNAc(3)Hex(4)_2)
1018.581(PEP+HexNAc(1)_1)
955.964(PEP+HexNAc(3)Hex(3)_2)

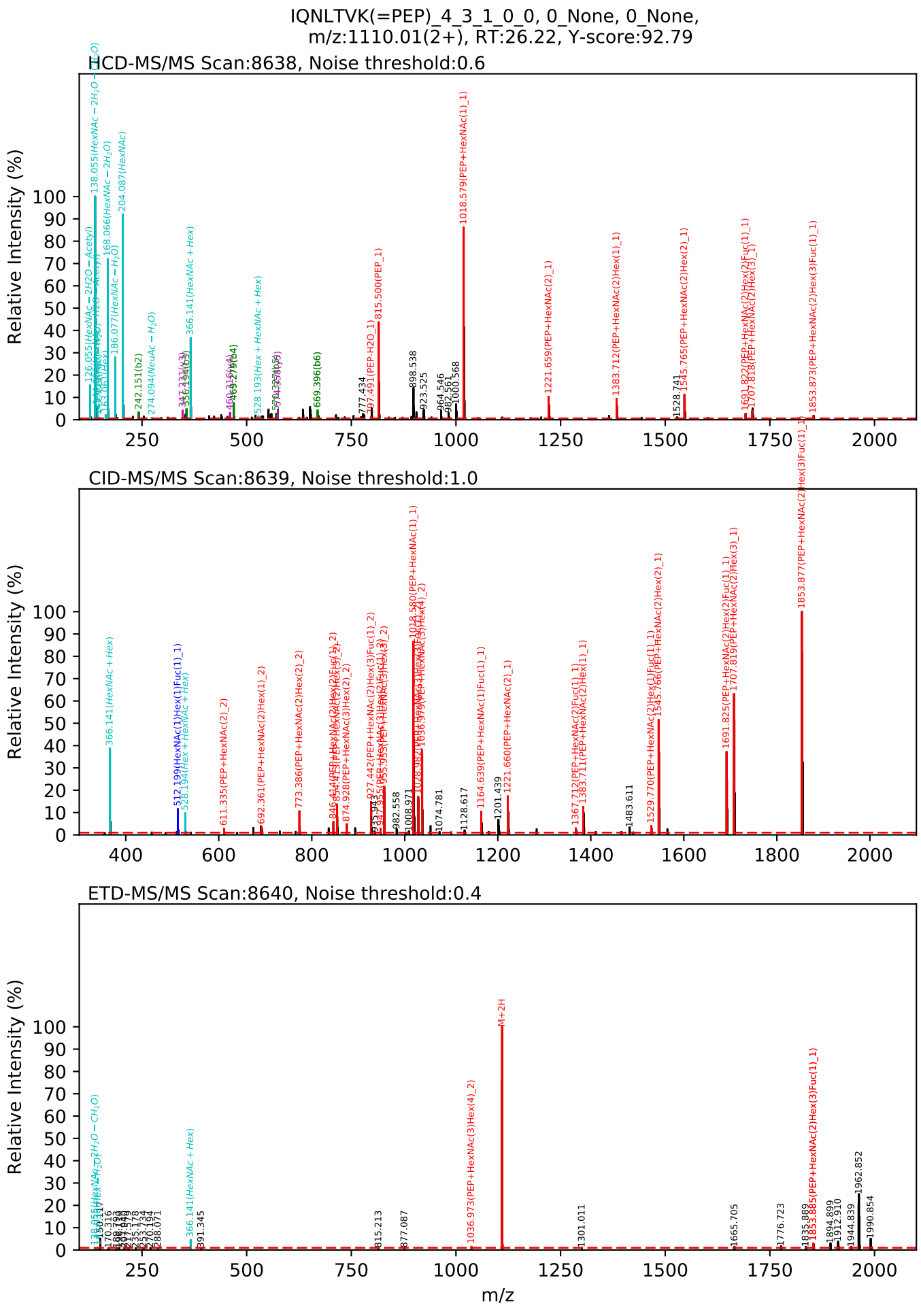

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.52(2+), RT:36.64, Y-score:93.06
HCD-MS/MS Scan:13942, Noise threshold:0.6
CID-MS/MS Scan:13943, Noise threshold:0.5
ETD-MS/MS Scan:13944, Noise threshold:1.8
Relative Intensity (%)
m/z

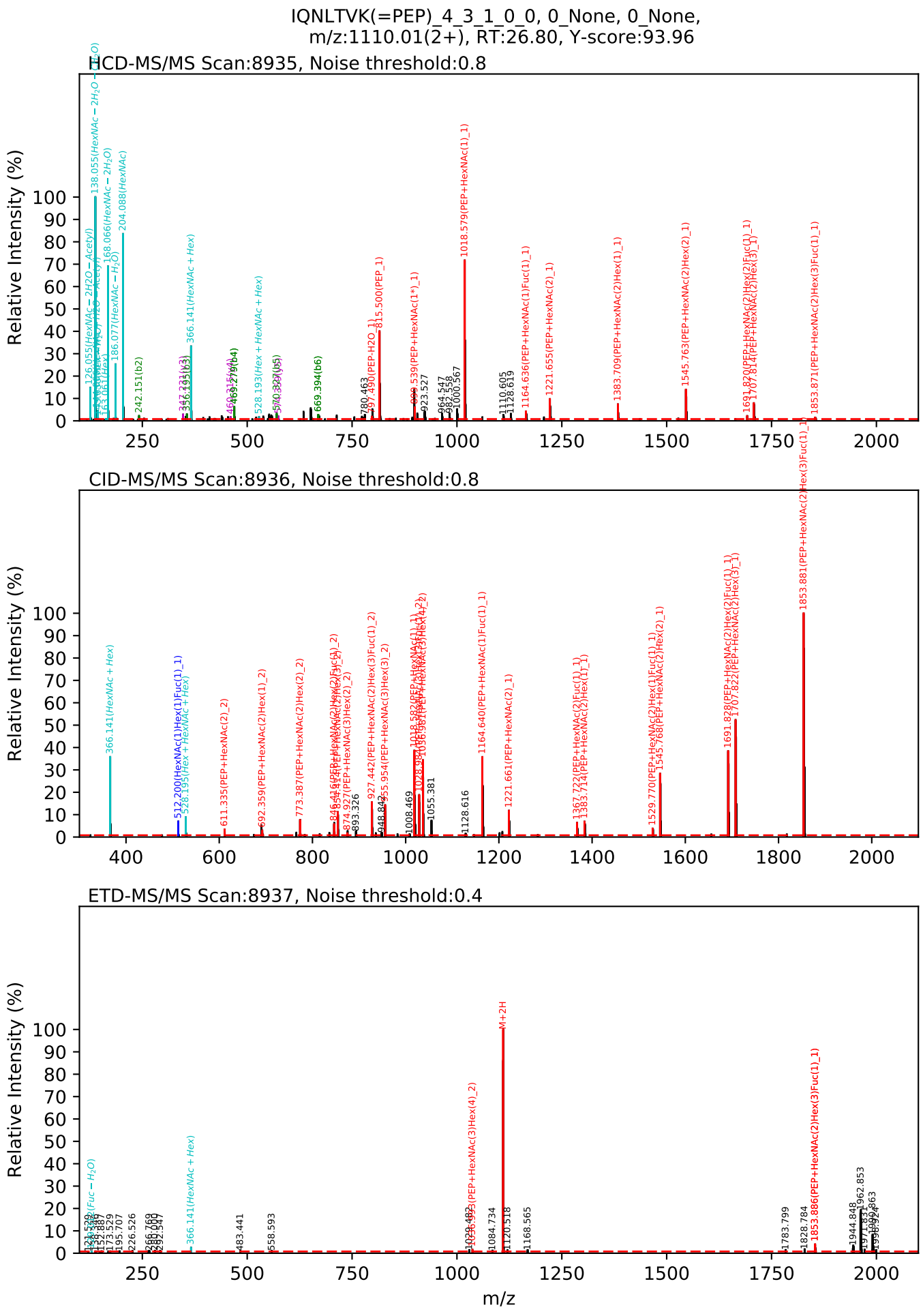

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:788.68(3+), RT:36.74, Y-score:97.90
HCD-MS/MS Scan:13995, Noise threshold:0.6
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.142(HexNAc + Hex)
669.395(b6)
777.438
815.502(PEP_1)
899.540(PEP+HexNAc(1*)_1)
1145.619
1181.638
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:13993, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
454.158(NeuAc + Hex)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
637.640(PEP+HexNAc(3)Hex(3)_3)
657.237(NeuAc + Hex + HexNAc)
735.614
773.387(PEP+HexNAc(2)Hex(2)_2)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
854.414(PEP+HexNAc(2)Hex(3)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.579(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1221.659(PEP+HexNAc(2)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:13994, Noise threshold:1.0
Relative Intensity (%)
114.218
204.087(HexNAc)
230.163
246.182
259.178
274.091(NeuAc − H2O)
292.104(NeuAc)
314.209
332.219
366.141(HexNAc + Hex)
389.940
401.241
444.296
460.313(y4)
635.025
657.238(NeuAc + Hex + HexNAc)
691.658(PEP+HexNAc(3)Hex(4)_3)
757.472
773.389(PEP+HexNAc(2)Hex(2)_2)
M+3H
819.292(HexNAc(1)Hex(2)NeuAc(1)_1)
854.415(PEP+HexNAc(2)Hex(3)_2)
1008.476
1036.980(PEP+HexNAc(3)Hex(4)_2)
1055.604
1118.484
1153.515
1162.024
M+2H
1175.020
1288.626
1416.691
1451.660
1529.755
1545.761(PEP+HexNAc(2)Hex(2)_1)
1578.733
1608.592
1666.813
1707.815(PEP+HexNAc(2)Hex(3)_1)
1921.770
1944.883
m/z

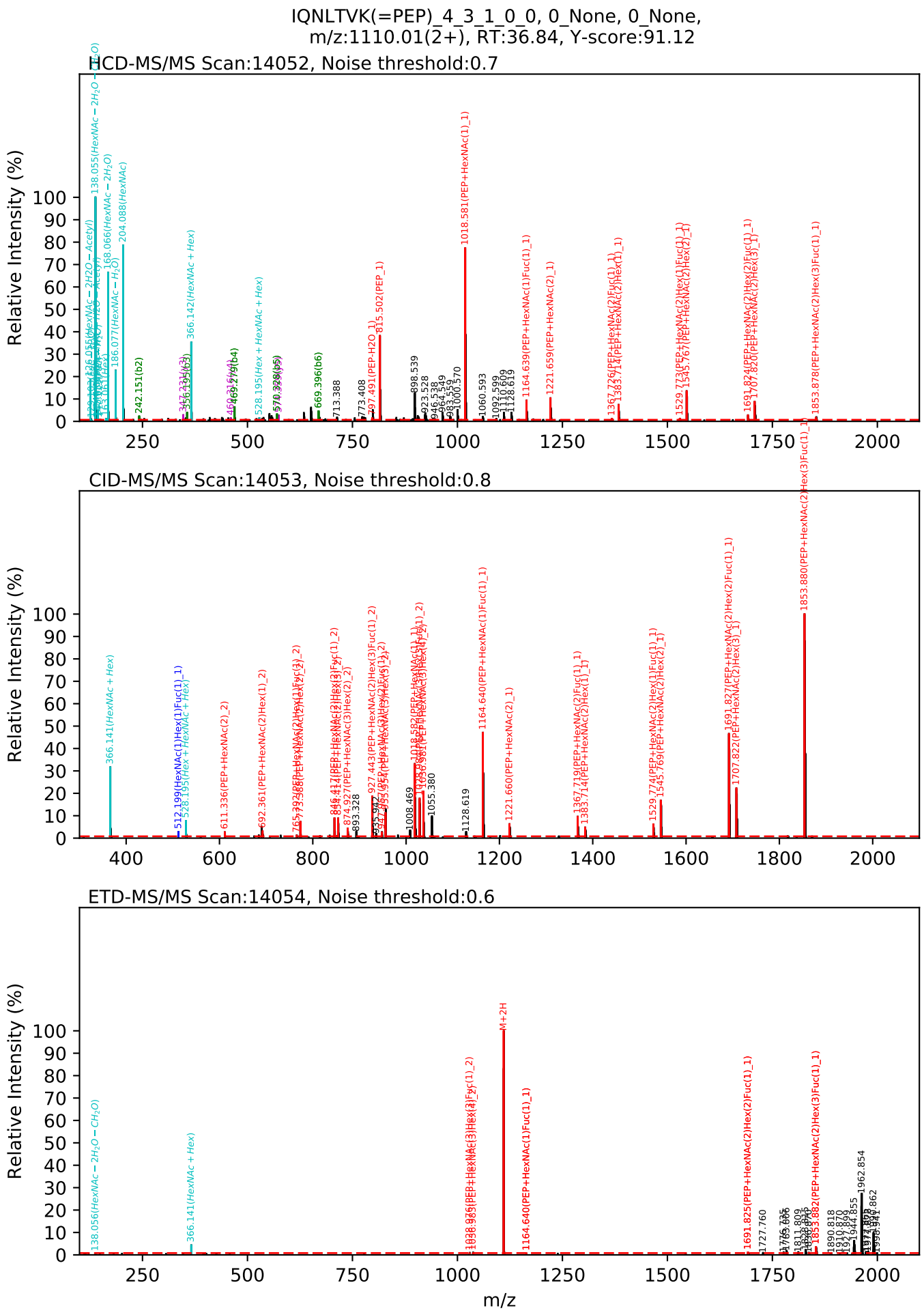

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:788.68(3+), RT:37.45, Y-score:95.56
HCD-MS/MS Scan:14364, Noise threshold:0.5
CID-MS/MS Scan:14365, Noise threshold:0.5
ETD-MS/MS Scan:14366, Noise threshold:0.8
Relative Intensity (%)
m/z

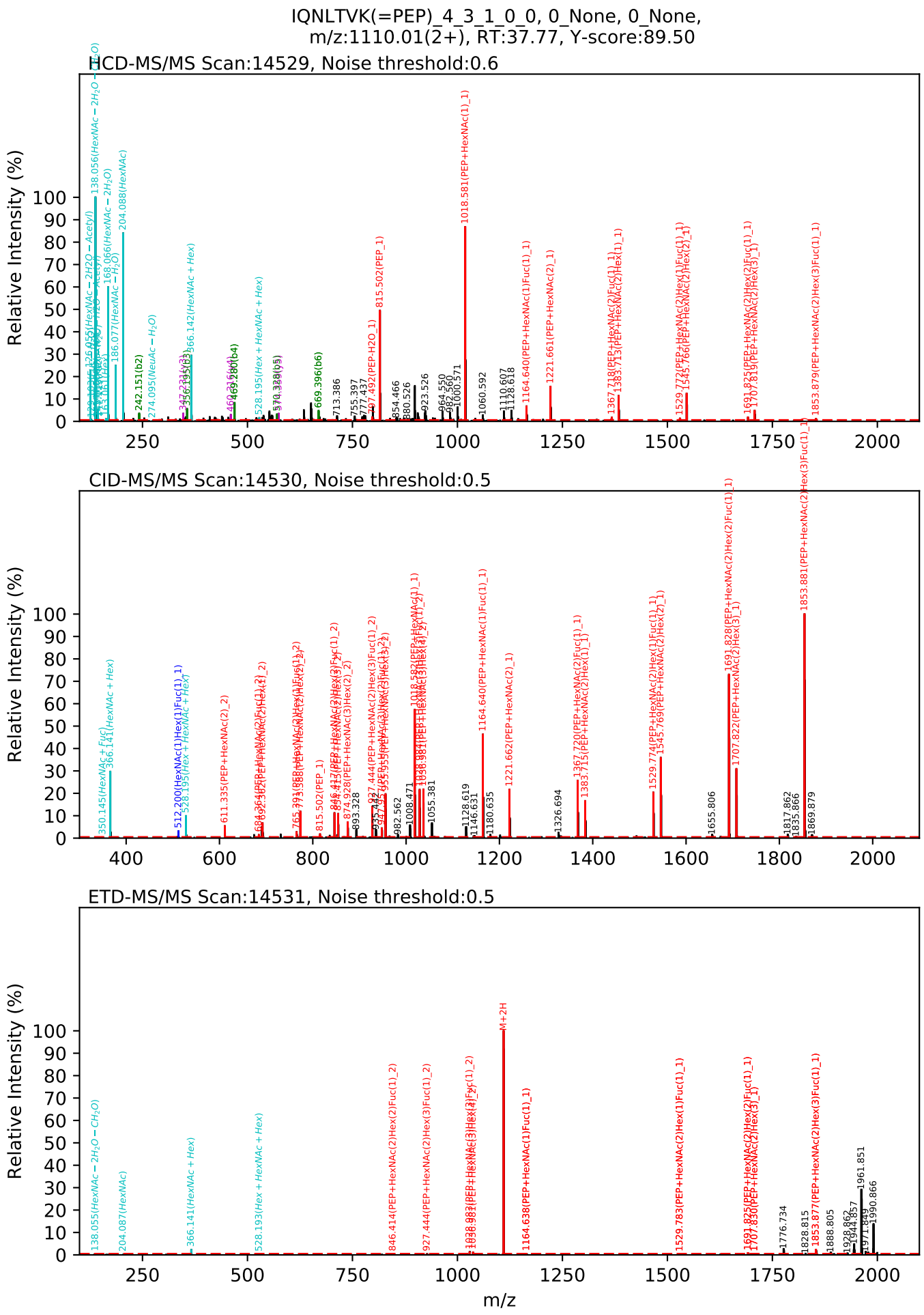

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:27.92, Y-score:92.52
HCD-MS/MS Scan:9514, Noise threshold:0.6
CID-MS/MS Scan:9515, Noise threshold:0.8
ETD-MS/MS Scan:9516, Noise threshold:0.4
Relative Intensity (%)
m/z

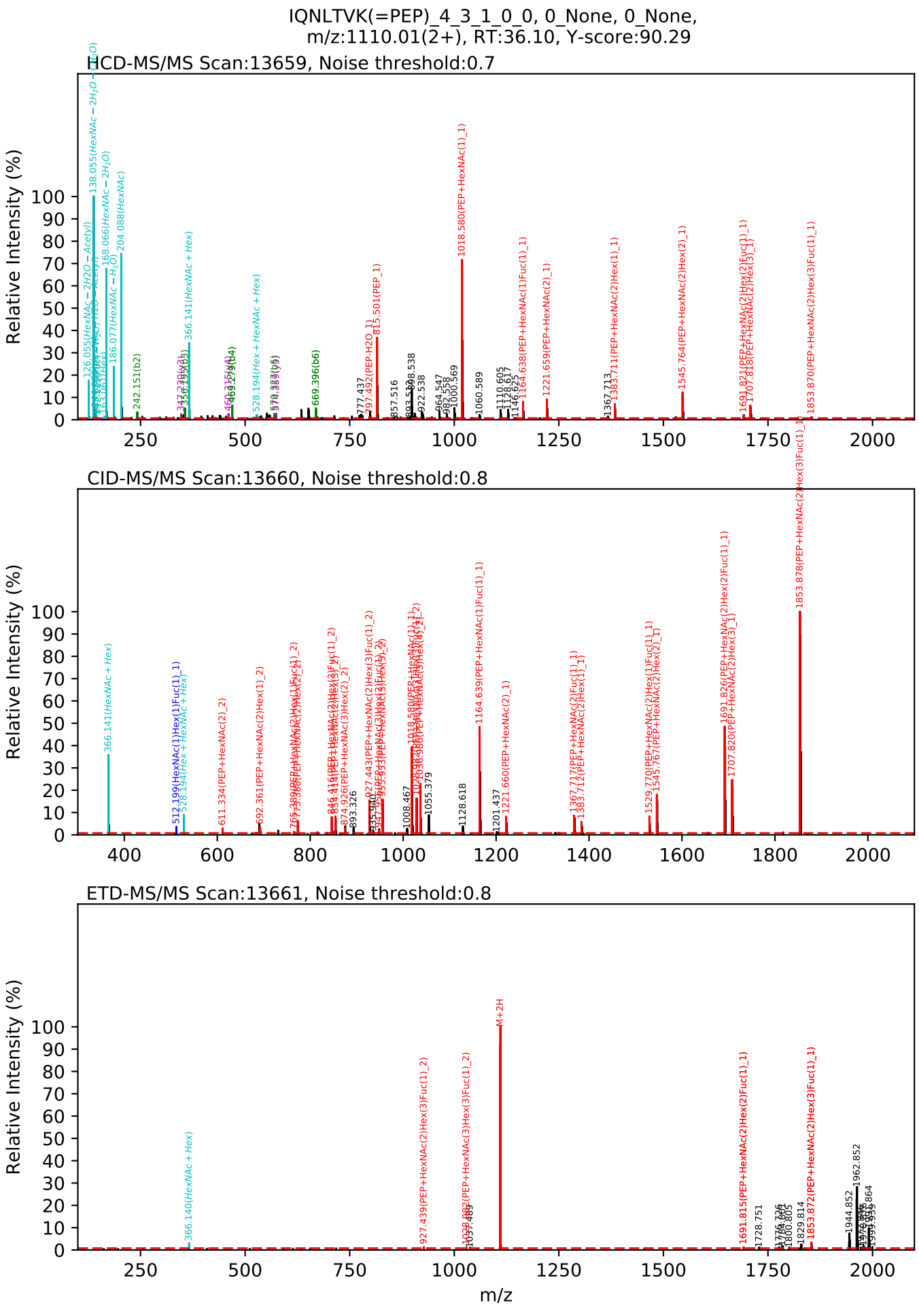

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:27.35, Y-score:92.31
HCD-MS/MS Scan:9213, Noise threshold:0.5
CID-MS/MS Scan:9214, Noise threshold:0.9
ETD-MS/MS Scan:9215, Noise threshold:0.5
Relative Intensity (%)
m/z

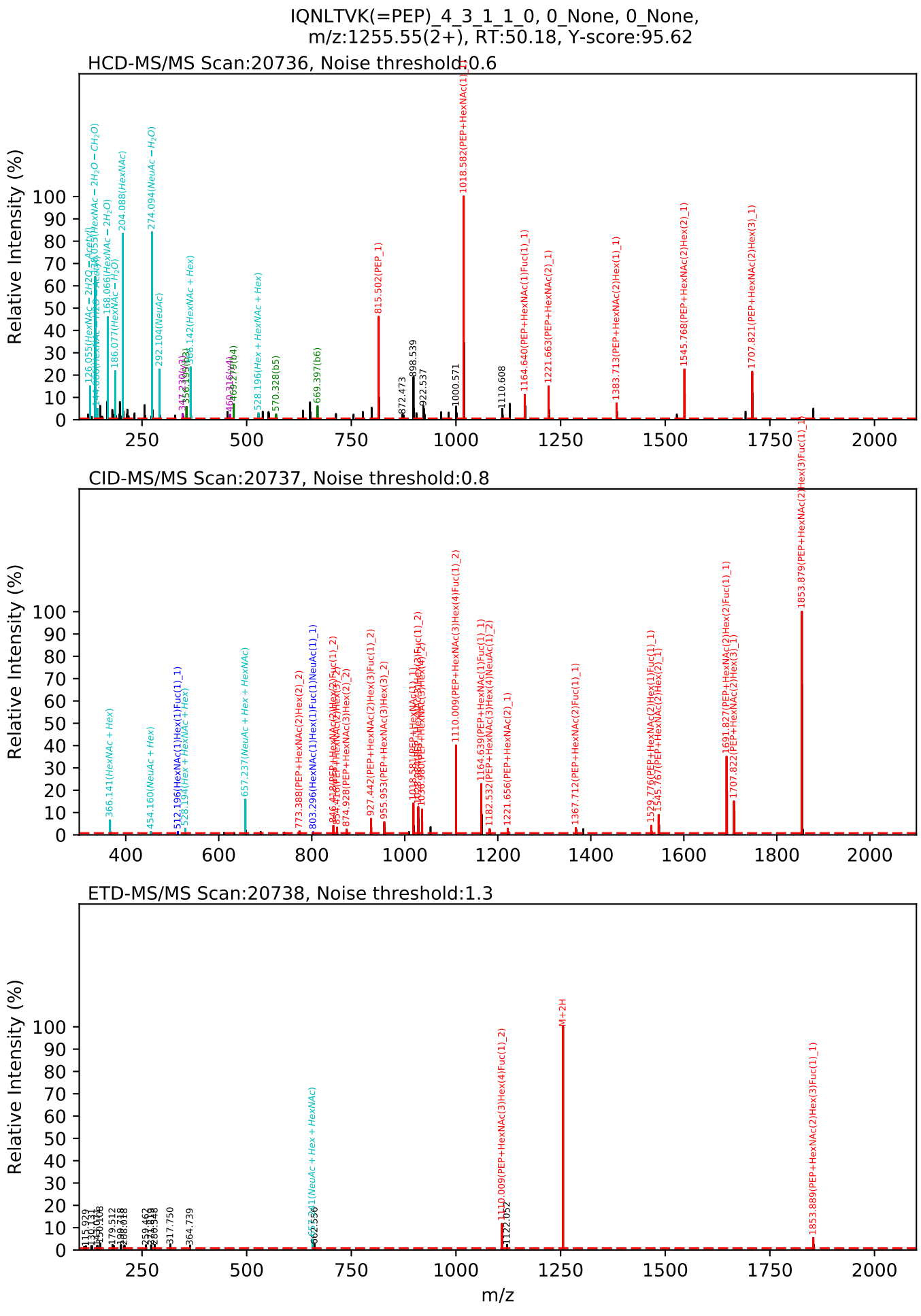

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:26.22, Y-score:92.79
HCD-MS/MS Scan:8638, Noise threshold:0.6
CID-MS/MS Scan:8639, Noise threshold:1.0
ETD-MS/MS Scan:8640, Noise threshold:0.4
Relative Intensity (%)
m/z

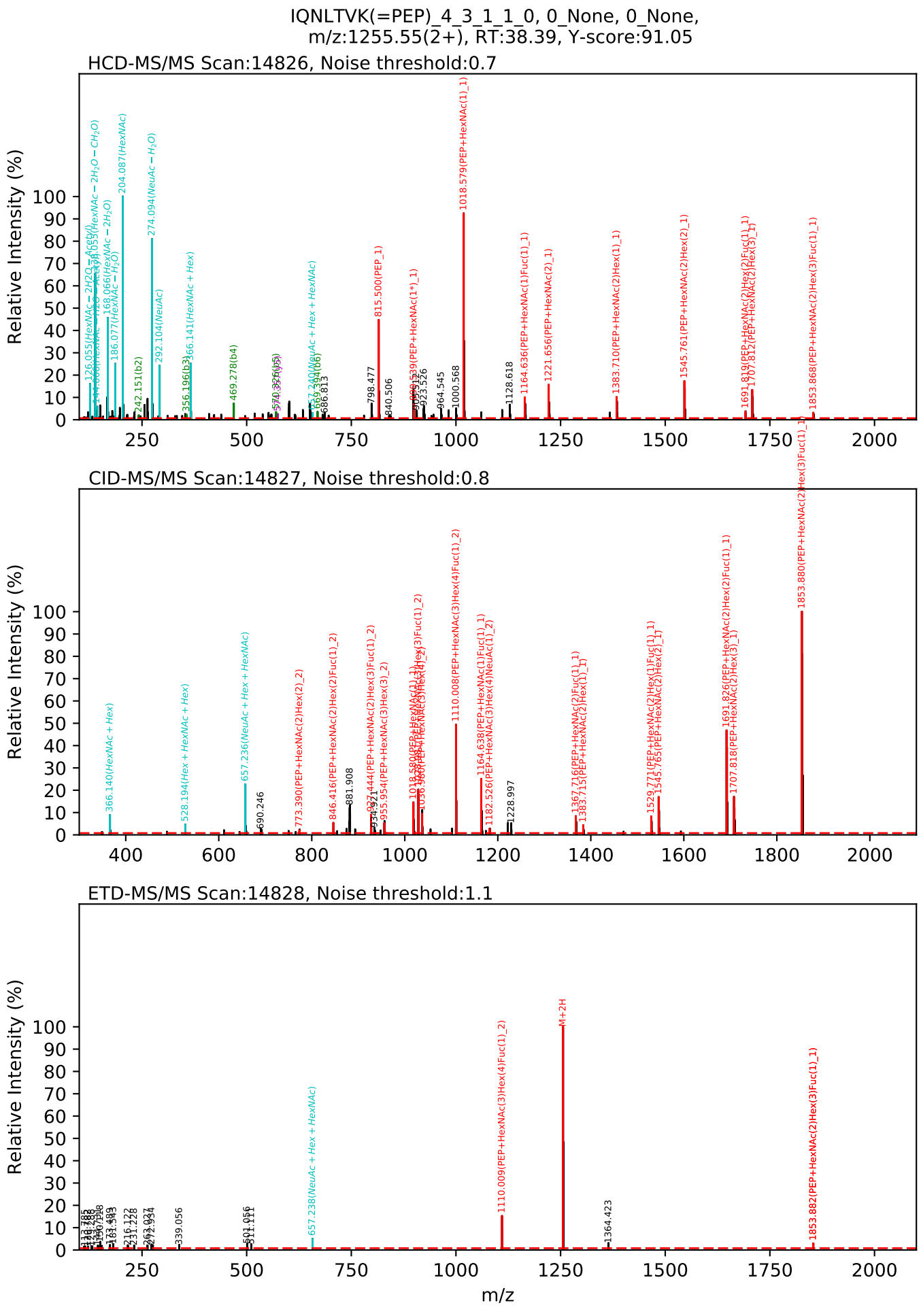

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:26.80, Y-score:93.96
HCD-MS/MS Scan:8935, Noise threshold:0.8
CID-MS/MS Scan:8936, Noise threshold:0.8
ETD-MS/MS Scan:8937, Noise threshold:0.4
Relative Intensity (%)
m/z

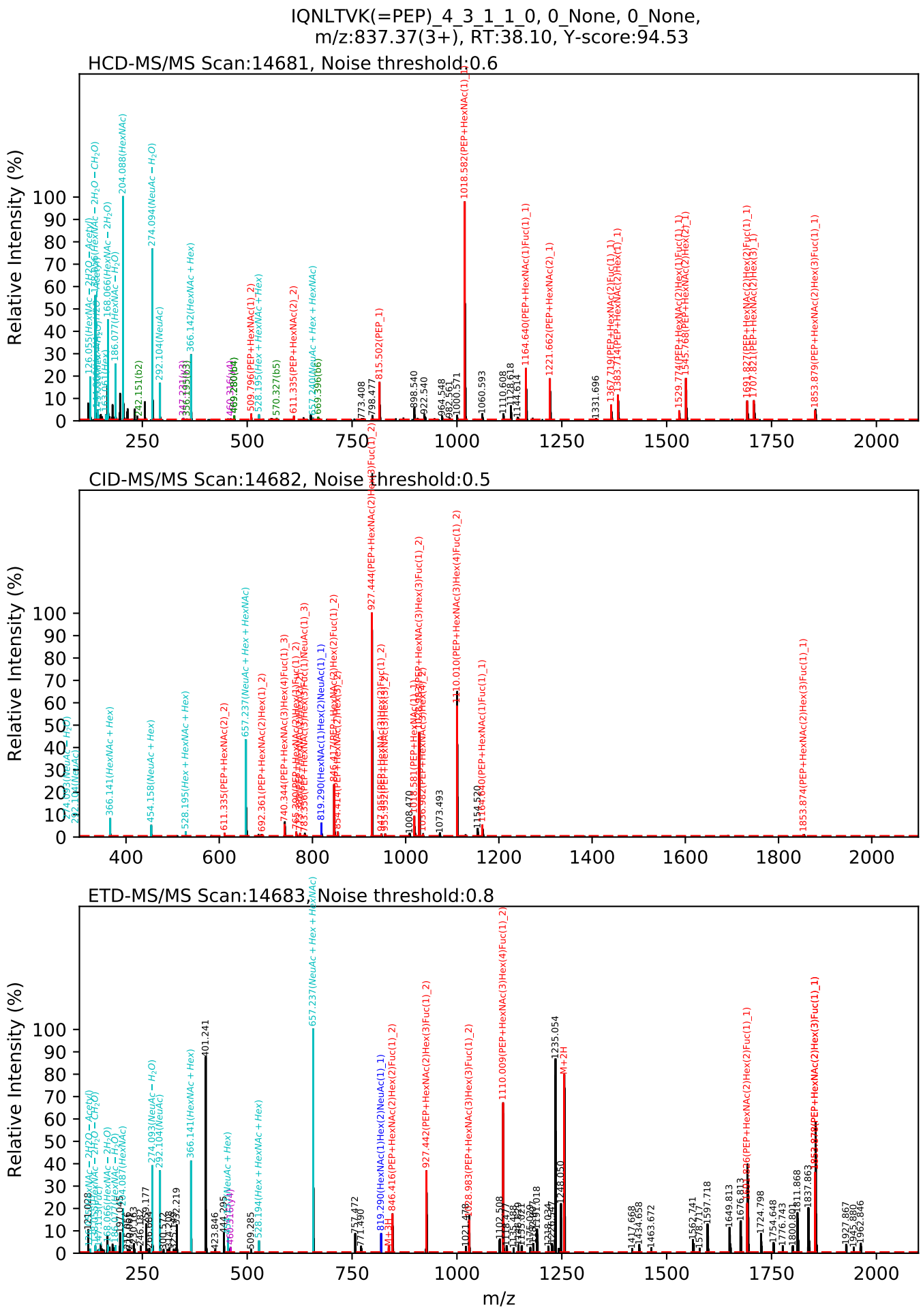

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:36.84, Y-score:91.12
HCD-MS/MS Scan:14052, Noise threshold:0.7
CID-MS/MS Scan:14053, Noise threshold:0.8
ETD-MS/MS Scan:14054, Noise threshold:0.6
Relative Intensity (%)
m/z

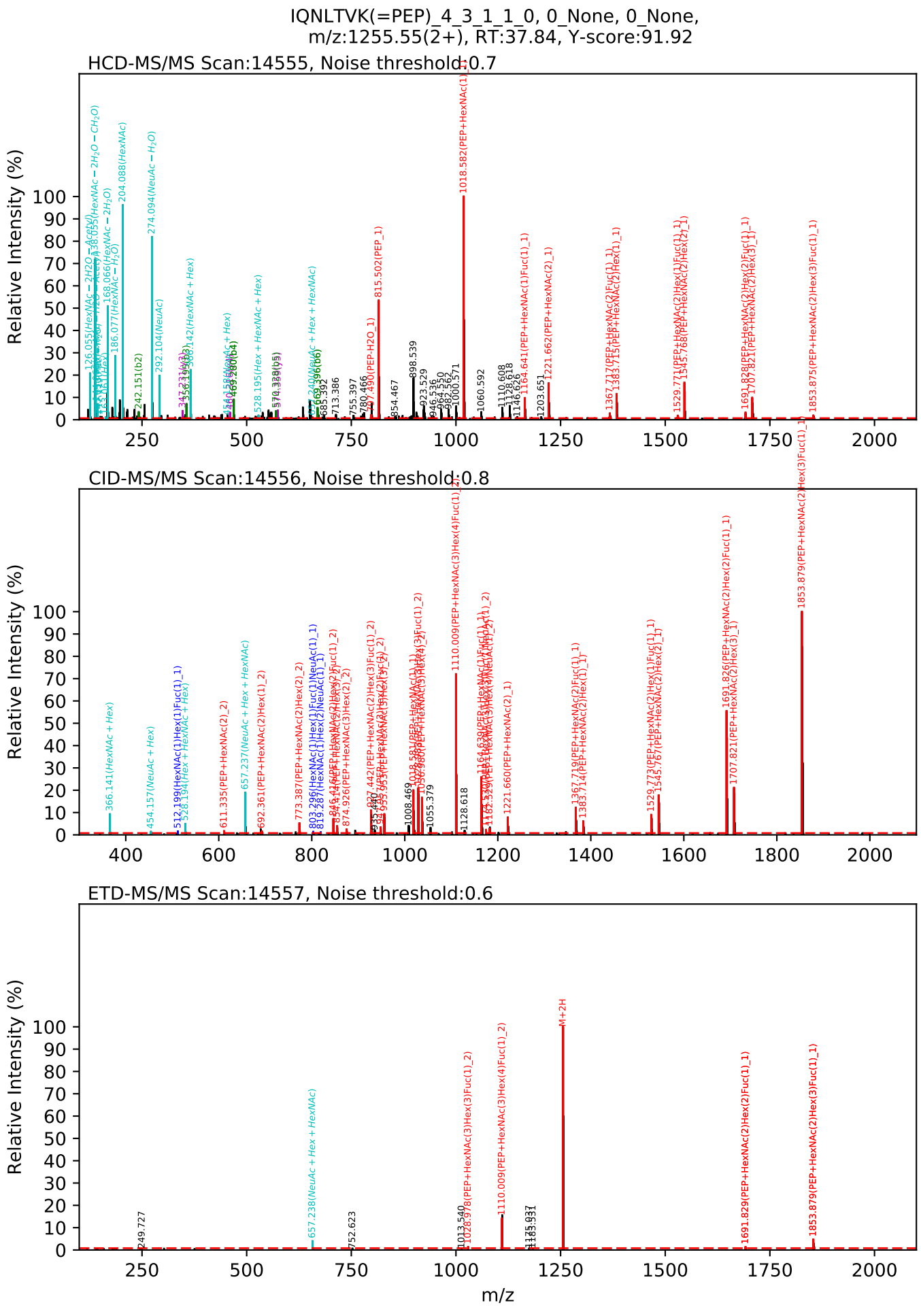

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:37.77, Y-score:89.50
HCD-MS/MS Scan:14529, Noise threshold:0.6
CID-MS/MS Scan:14530, Noise threshold:0.5
ETD-MS/MS Scan:14531, Noise threshold:0.5
Relative Intensity (%)
m/z

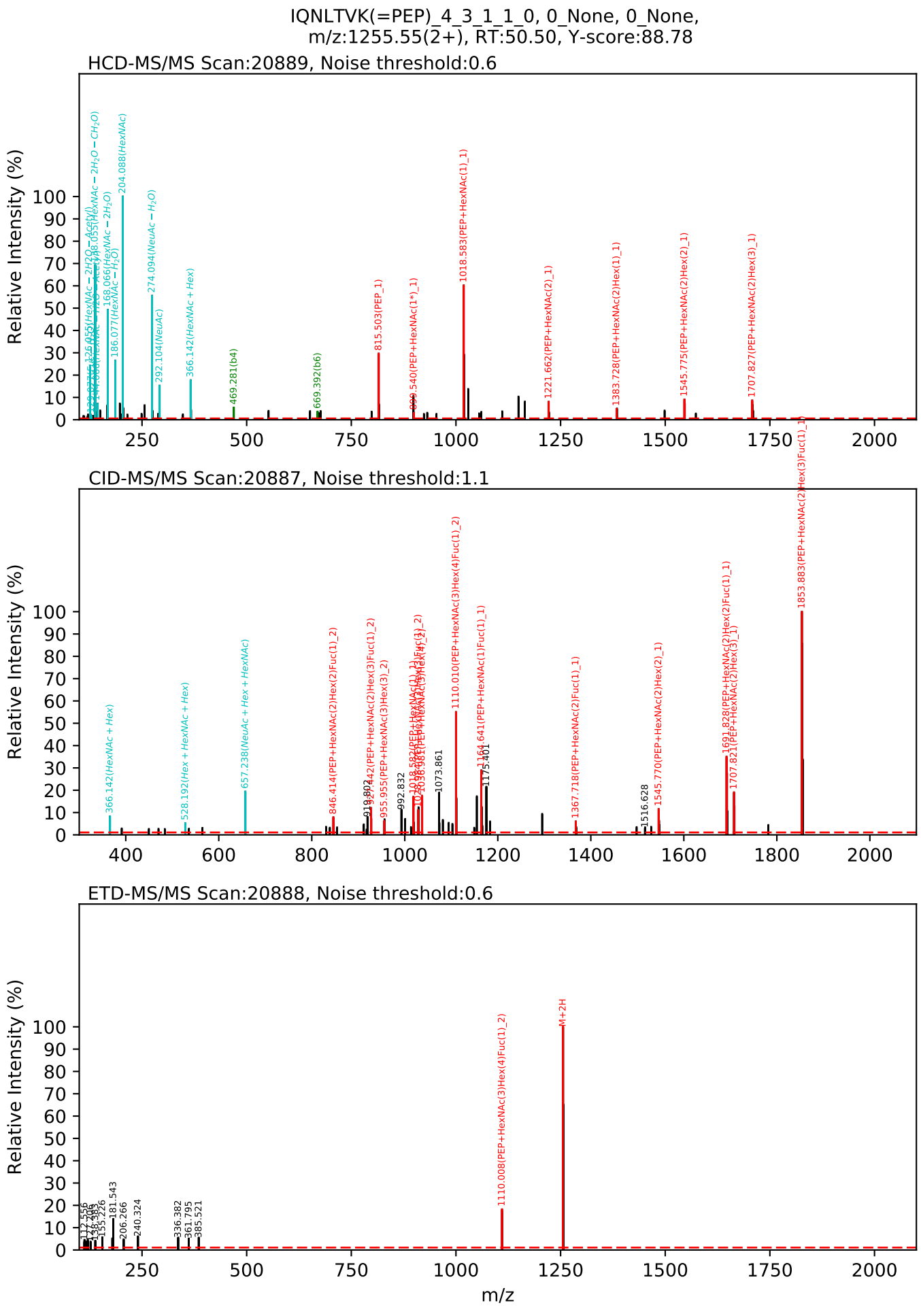

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:36.10, Y-score:90.29
HCD-MS/MS Scan:13659, Noise threshold:0.7
CID-MS/MS Scan:13660, Noise threshold:0.8
ETD-MS/MS Scan:13661, Noise threshold:0.8
Relative Intensity (%)
m/z

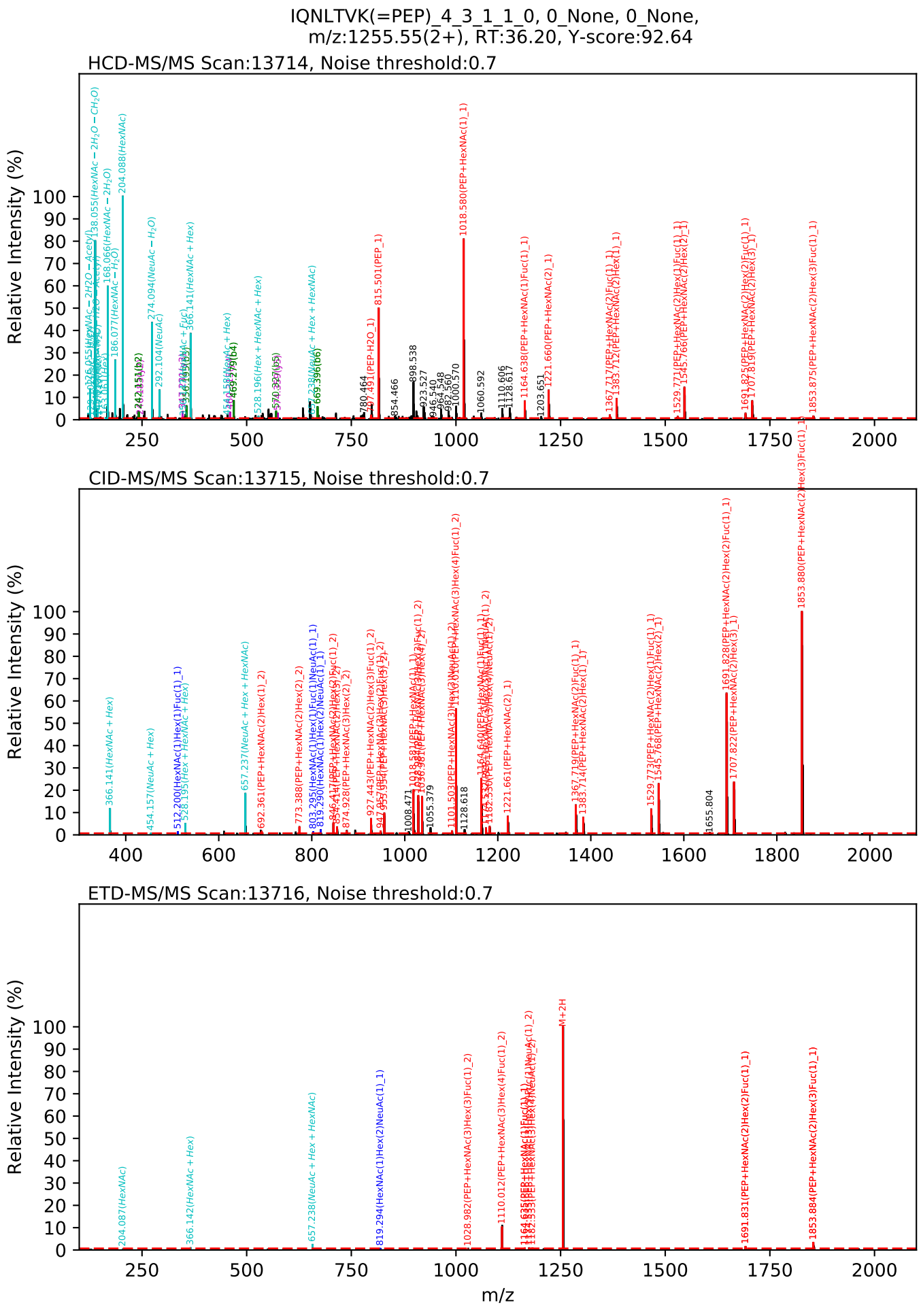

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:50.18, Y-score:95.62
HCD-MS/MS Scan:20736, Noise threshold:0.6
CID-MS/MS Scan:20737, Noise threshold:0.8
ETD-MS/MS Scan:20738, Noise threshold:1.3
Relative Intensity (%)
m/z
M+2H

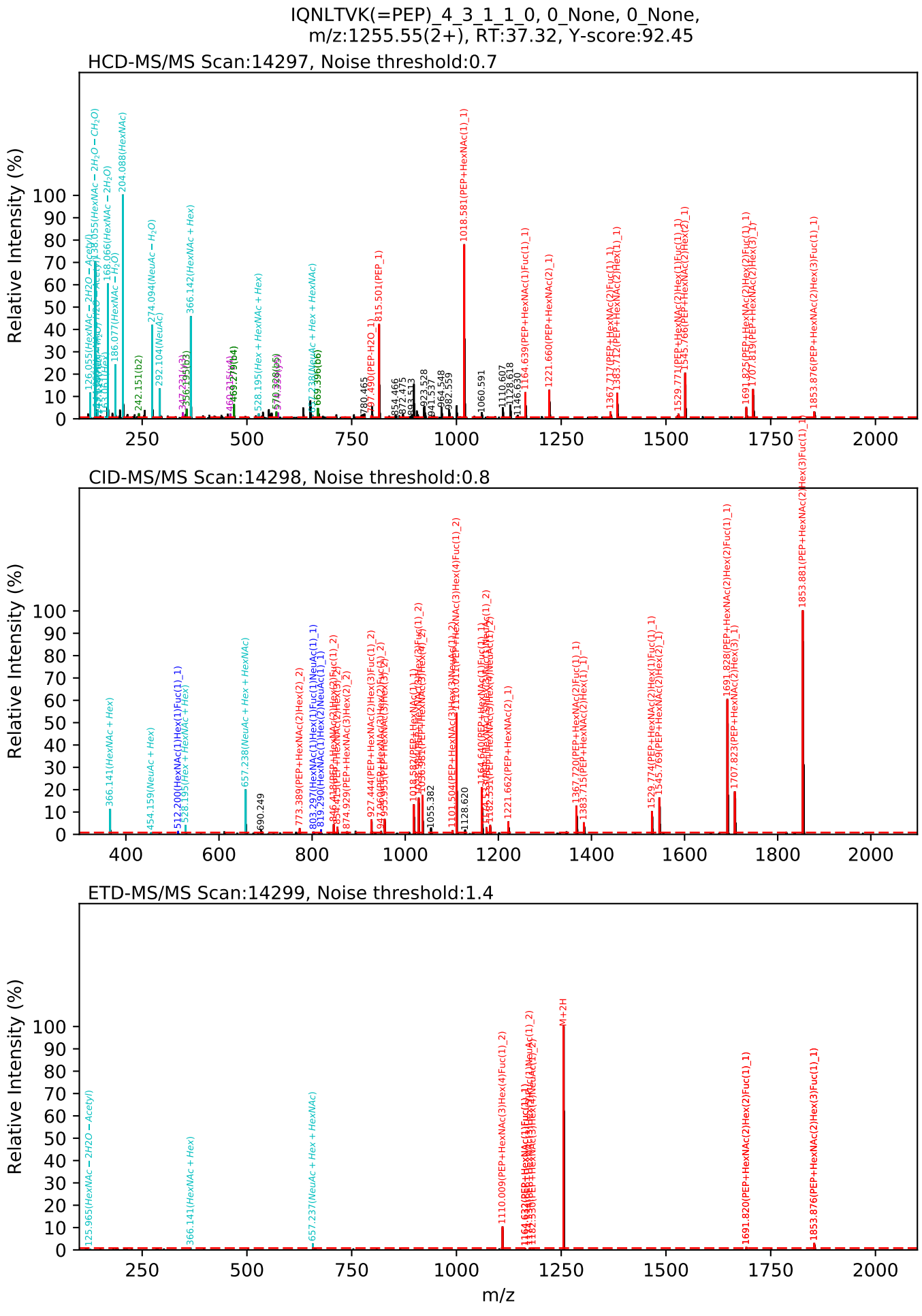

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:38.39, Y-score:91.05
HCD-MS/MS Scan:14826, Noise threshold:0.7
CID-MS/MS Scan:14827, Noise threshold:0.8
ETD-MS/MS Scan:14828, Noise threshold:1.1
Relative Intensity (%)
m/z
M+2H

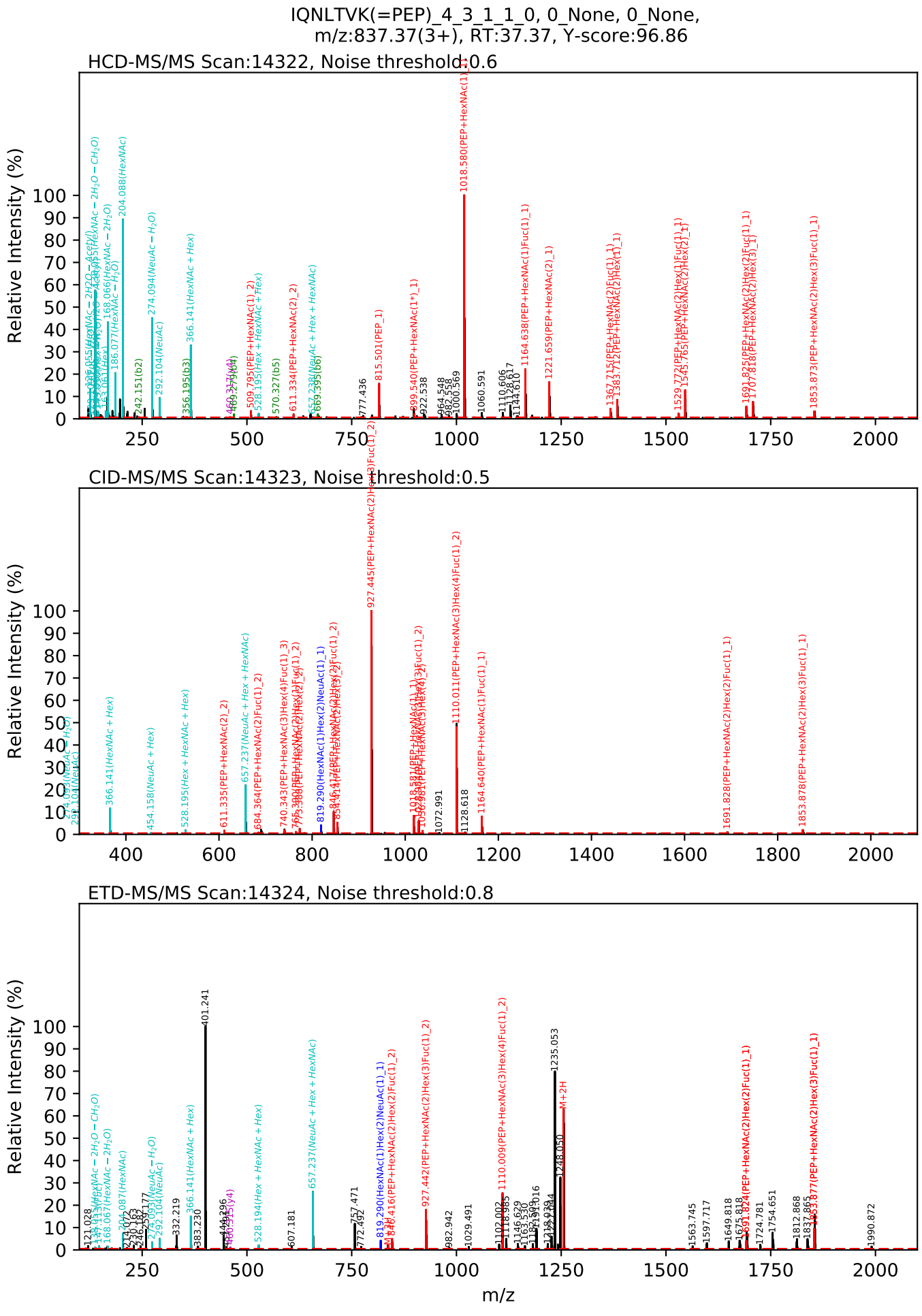

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:837.37(3+), RT:38.10, Y-score:94.53
HCD-MS/MS Scan:14681, Noise threshold:0.6
CID-MS/MS Scan:14682, Noise threshold:0.5
ETD-MS/MS Scan:14683, Noise threshold:0.8
Relative Intensity (%)
m/z

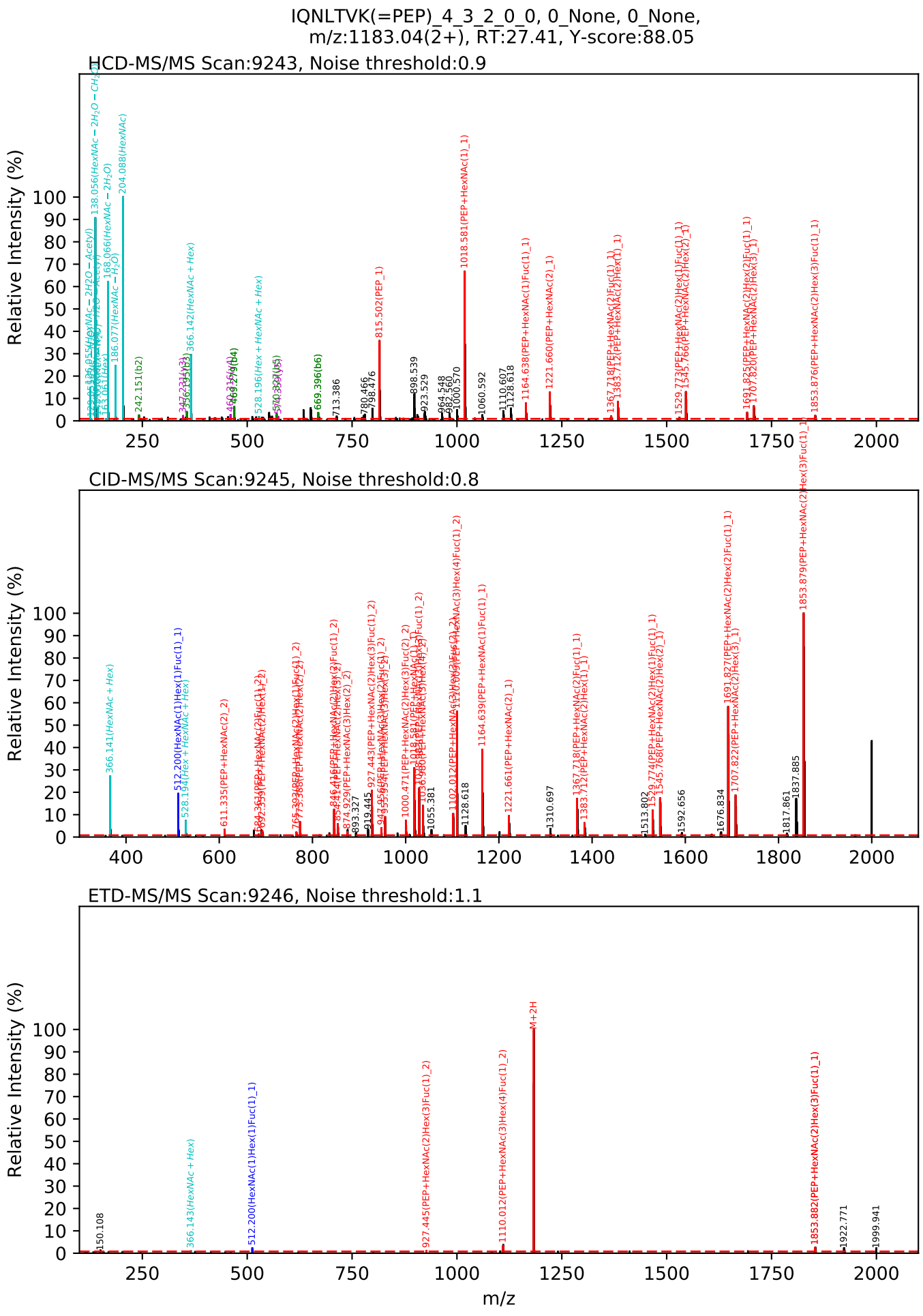

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:37.84, Y-score:91.92
HCD-MS/MS Scan:14555, Noise threshold:0.7
CID-MS/MS Scan:14556, Noise threshold:0.8
ETD-MS/MS Scan:14557, Noise threshold:0.6
Relative Intensity (%)
m/z

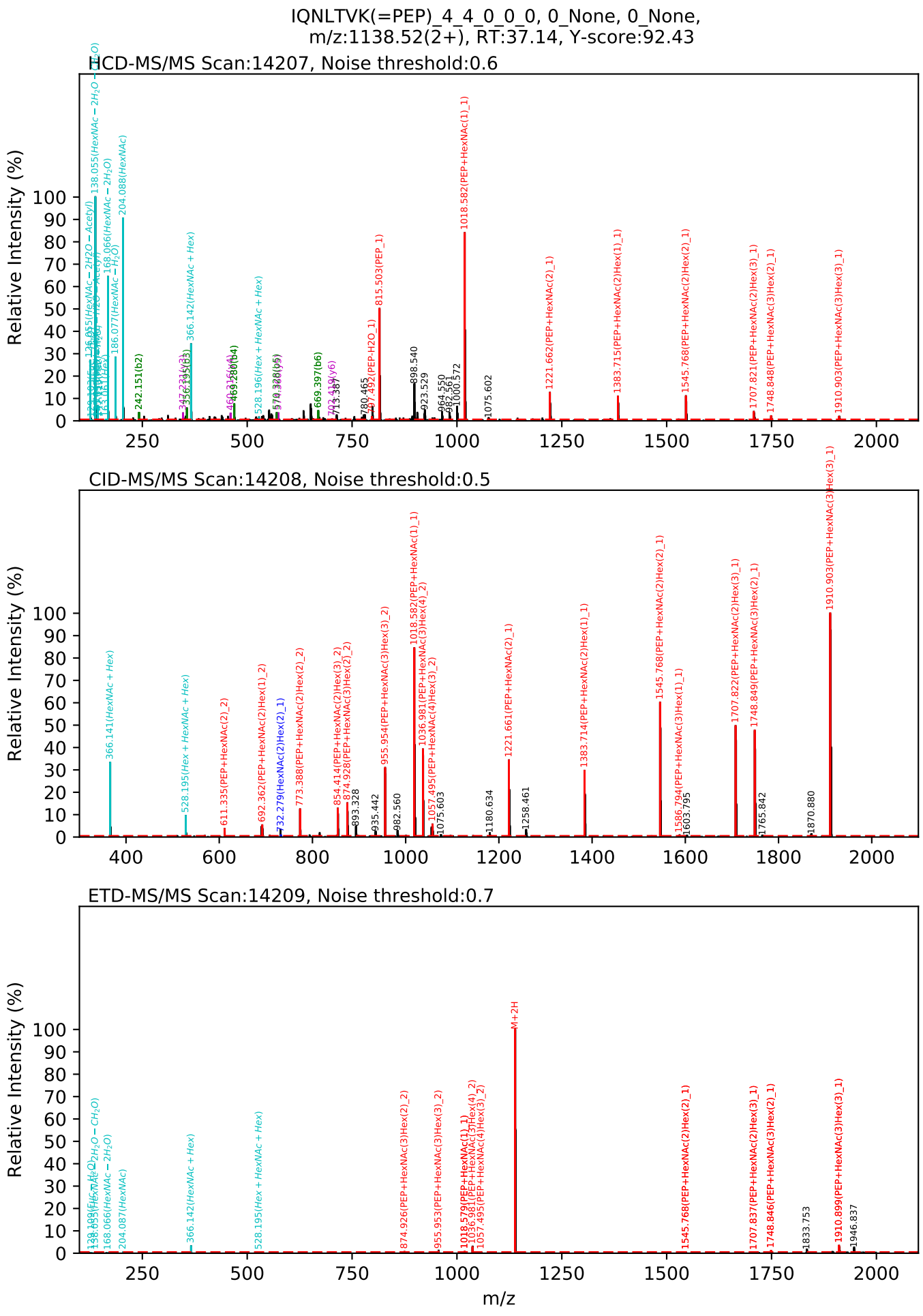

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:50.50, Y-score:88.78
HCD-MS/MS Scan:20889, Noise threshold:0.6
Relative Intensity (%)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.142(HexNAc + Hex)
469.281(b4)
669.392(b6)
815.503(PEP_1)
1018.583(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.728(PEP+HexNAc(2)Hex(1)_1)
1545.775(PEP+HexNAc(2)Hex(2)_1)
1707.827(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:20887, Noise threshold:1.1
Relative Intensity (%)
366.142(HexNAc + Hex)
528.192(Hex + HexNAc + Hex)
657.238(NeuAc + Hex + HexNAc)
846.414(PEP+HexNAc(2)Hex(2)Fuc(1)_2)
955.955(PEP+HexNAc(3)Hex(3)_2)
992.832
1073.861
1110.010(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1175.401
1367.718(PEP+HexNAc(2)Fuc(1)_1)
1516.628
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1853.883(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
ETD-MS/MS Scan:20888, Noise threshold:0.6
Relative Intensity (%)
181.543
206.266
240.324
336.382
361.795
385.521
1110.008(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
M+2H
m/z

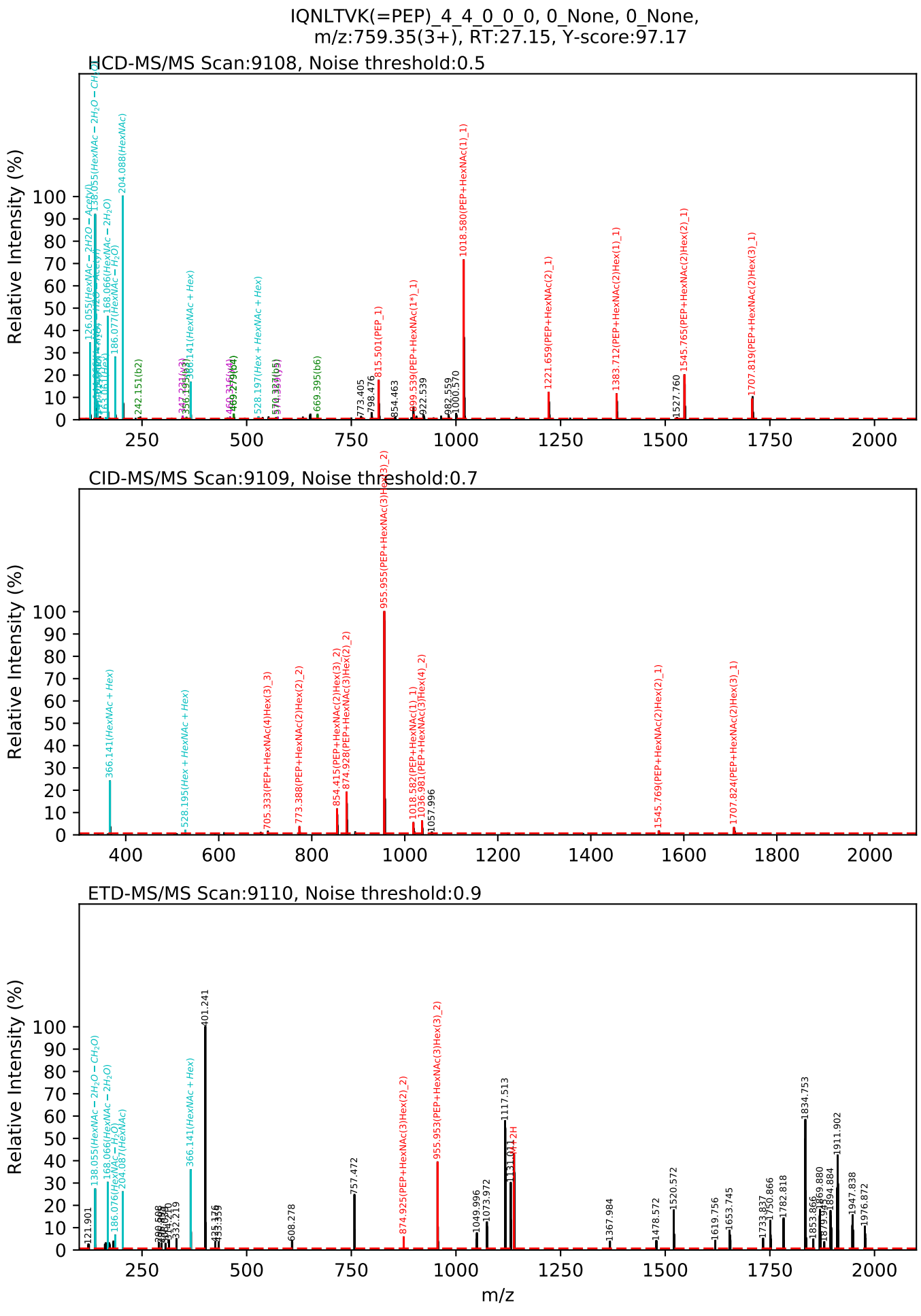

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:36.20, Y-score:92.64
HCD-MS/MS Scan:13714, Noise threshold:0.7
CID-MS/MS Scan:13715, Noise threshold:0.7
ETD-MS/MS Scan:13716, Noise threshold:0.7
Relative Intensity (%)
m/z

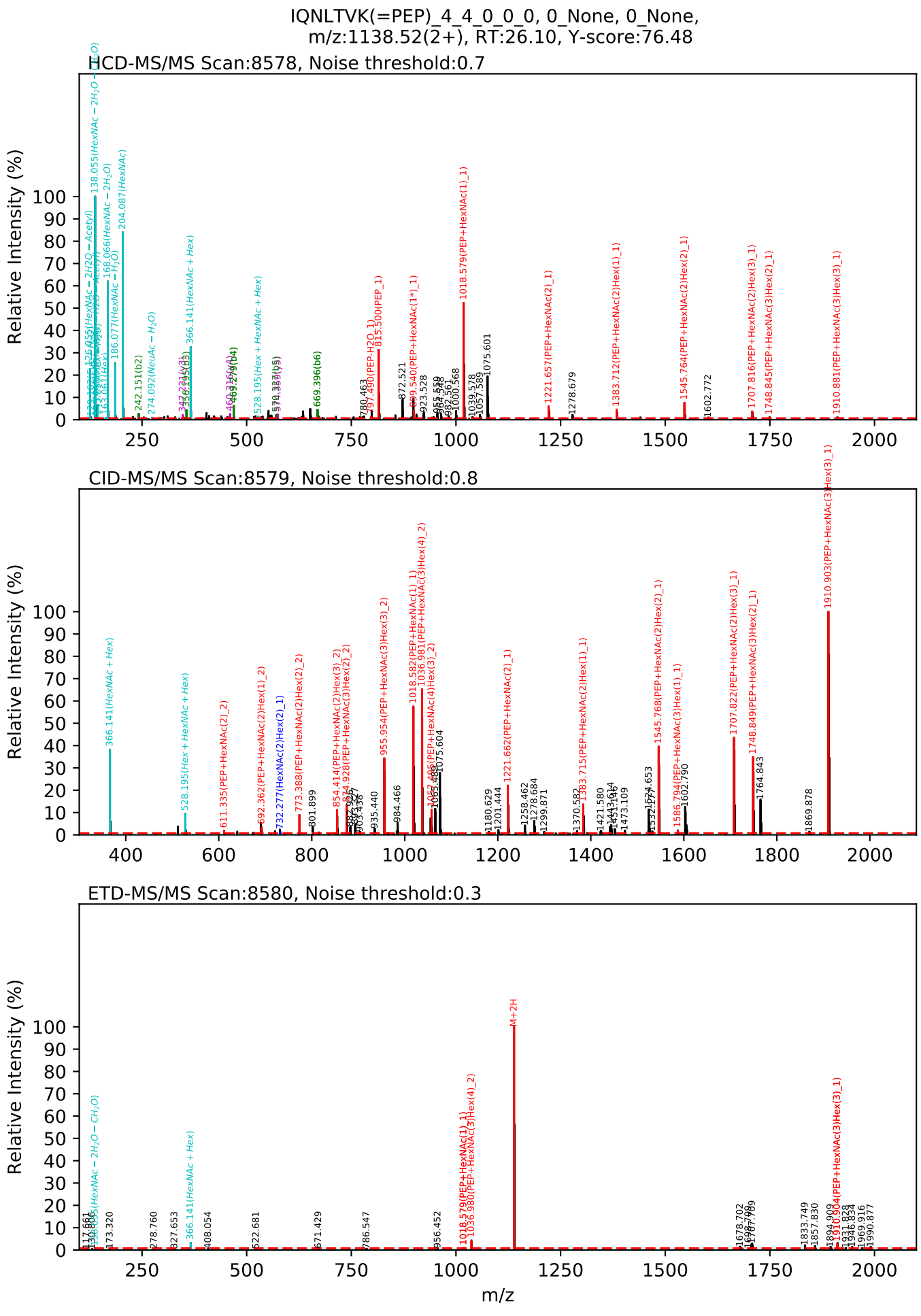

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:37.32, Y-score:92.45
HCD-MS/MS Scan:14297, Noise threshold:0.7
CID-MS/MS Scan:14298, Noise threshold:0.8
ETD-MS/MS Scan:14299, Noise threshold:1.4
Relative Intensity (%)
m/z

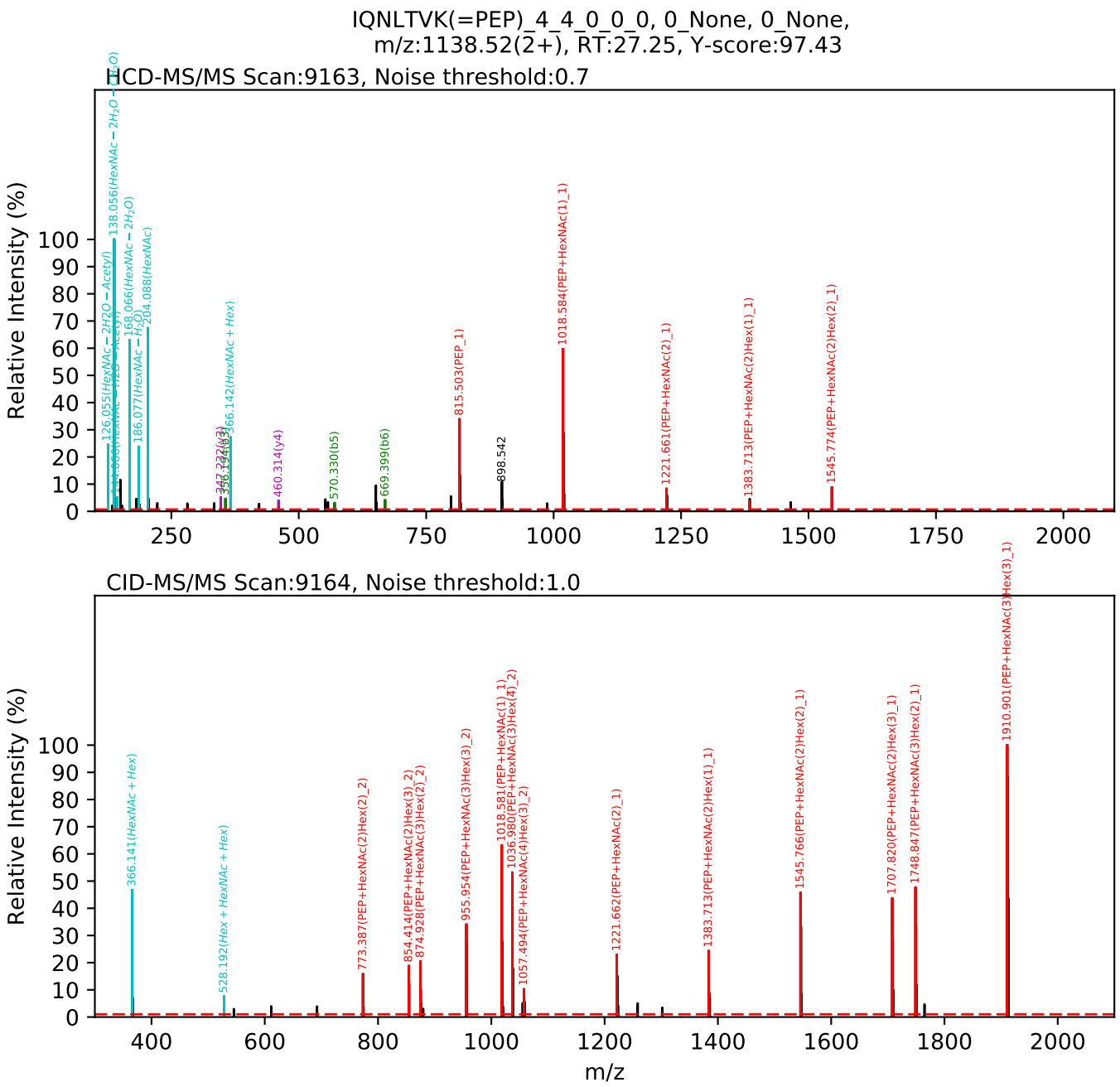

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:837.37(3+), RT:37.37, Y-score:96.86
HCD-MS/MS Scan:14322, Noise threshold:0.6
CID-MS/MS Scan:14323, Noise threshold:0.5
ETD-MS/MS Scan:14324, Noise threshold:0.8
Relative Intensity (%)
m/z

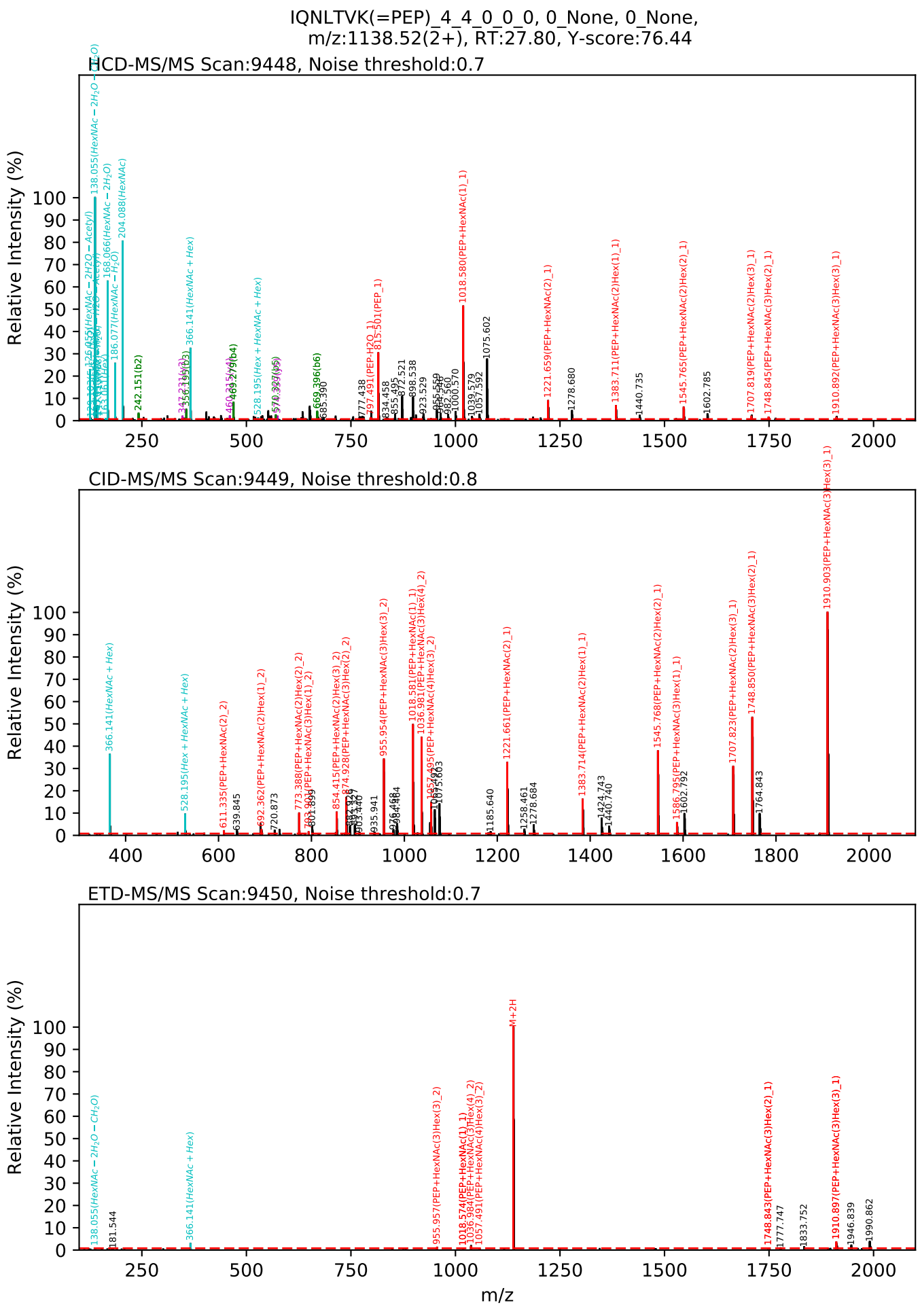

IQNLTVK(=PEP)_4_3_2_0_0, 0_None, 0_None,
m/z:1183.04(2+), RT:27.41, Y-score:88.05
HCD-MS/MS Scan:9243, Noise threshold:0.9
CID-MS/MS Scan:9245, Noise threshold:0.8
ETD-MS/MS Scan:9246, Noise threshold:1.1
Relative Intensity (%)
m/z
M+2H

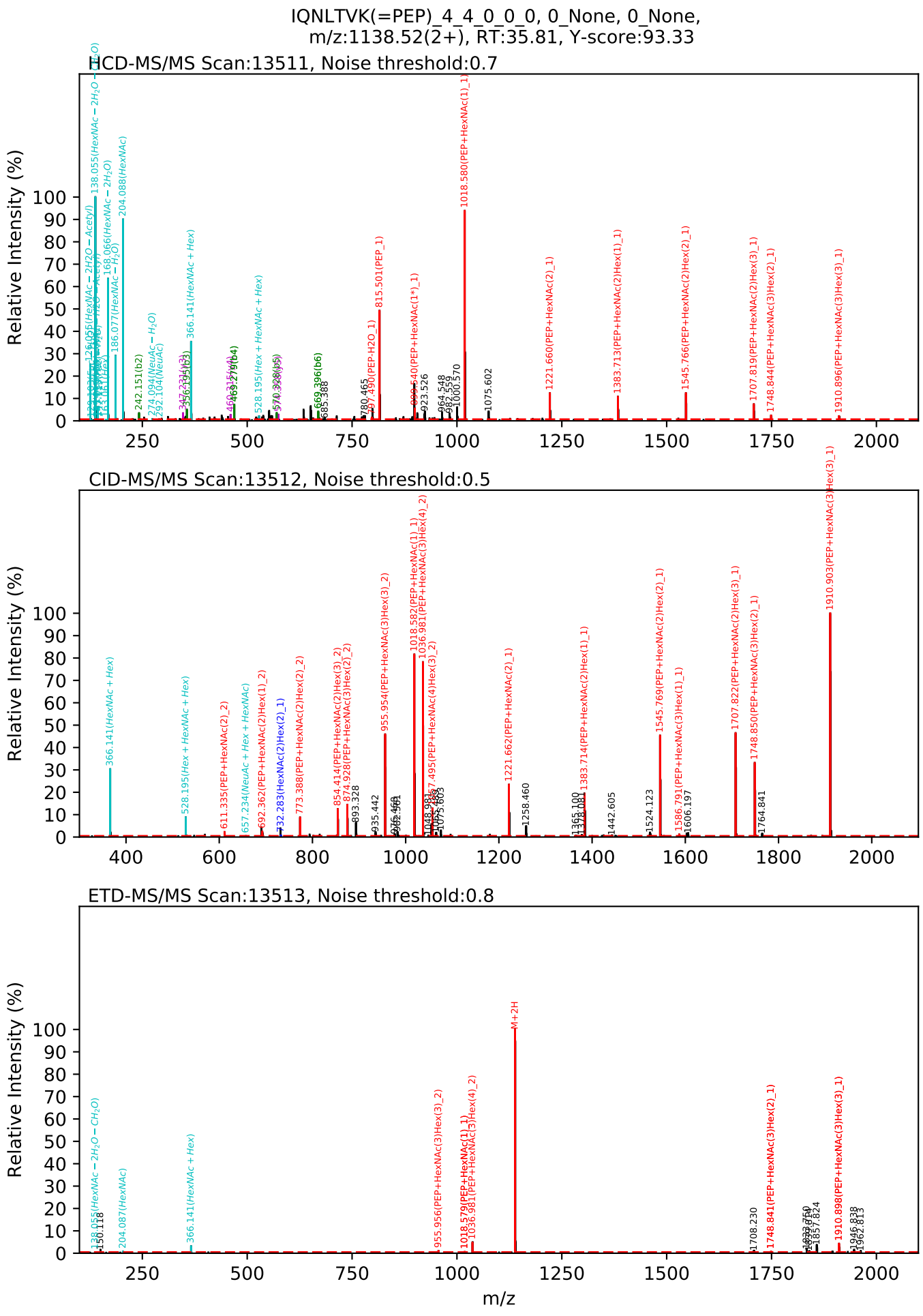

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:37.14, Y-score:92.43
HCD-MS/MS Scan:14207, Noise threshold:0.6
Relative Intensity (%)
242.151(b2)
366.142(HexNAc + Hex)
204.088(HexNAc)
528.196(Hex + HexNAc + Hex)
669.397(b6)
815.503(PEP_1)
898.540
1018.582(PEP+HexNAc(1)_1)
1075.602
1221.662(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:14208, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
732.279(HexNAc(2)Hex(2)_1)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.582(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1057.495(PEP+HexNAc(4)Hex(3)_2)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:14209, Noise threshold:0.7
Relative Intensity (%)
M+2H
366.142(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
874.926(PEP+HexNAc(3)Hex(2)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.579(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1057.495(PEP+HexNAc(4)Hex(3)_2)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.837(PEP+HexNAc(2)Hex(3)_1)
1748.846(PEP+HexNAc(3)Hex(2)_1)
1833.753
1910.899(PEP+HexNAc(3)Hex(3)_1)
1946.837
m/z

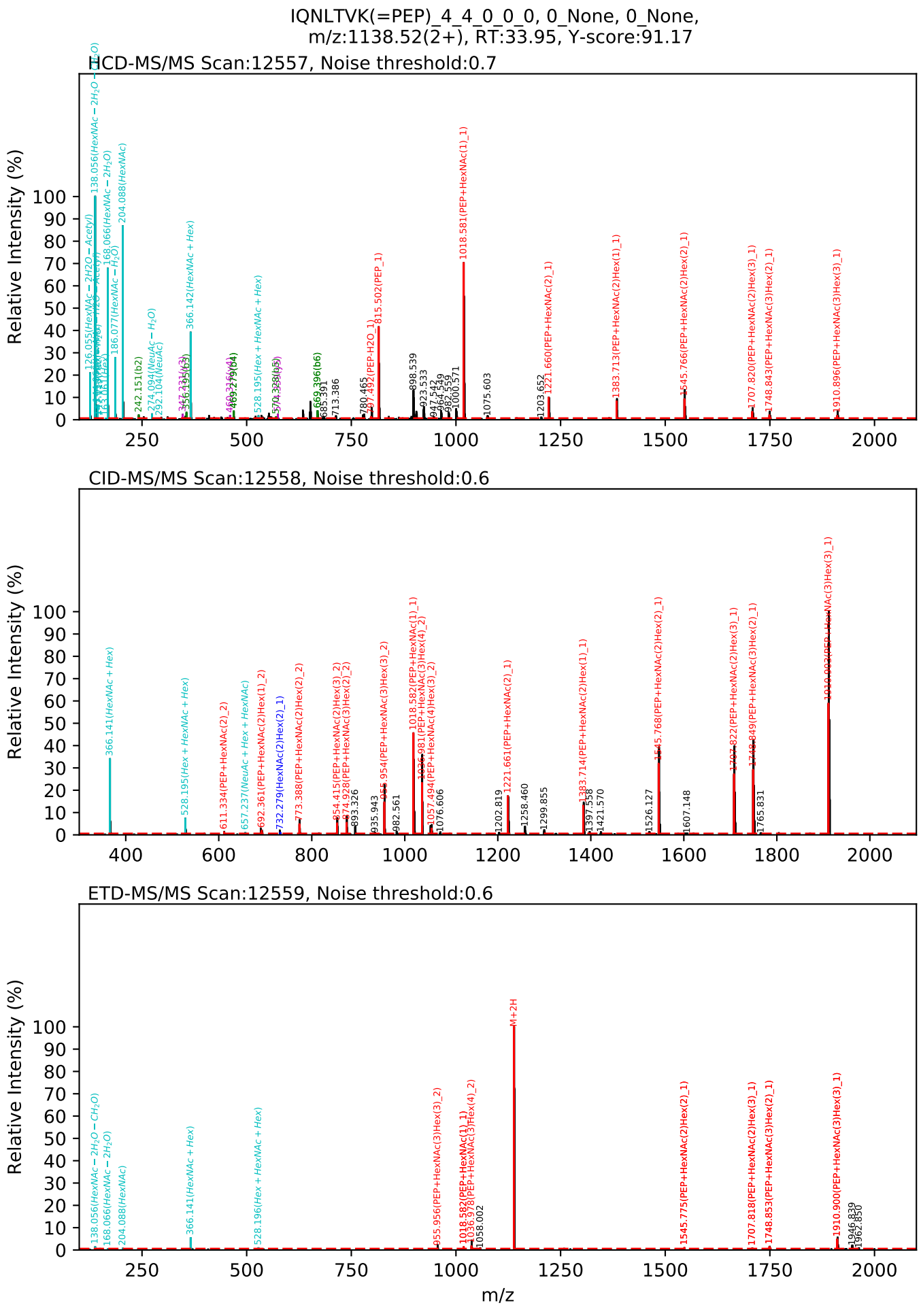

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:759.35(3+), RT:27.15, Y-score:97.17
HCD-MS/MS Scan:9108, Noise threshold:0.5
Relative Intensity (%)
204.088(HexNAc)
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:9109, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
955.955(PEP+HexNAc(3)Hex(3)_2)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.824(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:9110, Noise threshold:0.9
Relative Intensity (%)
m/z

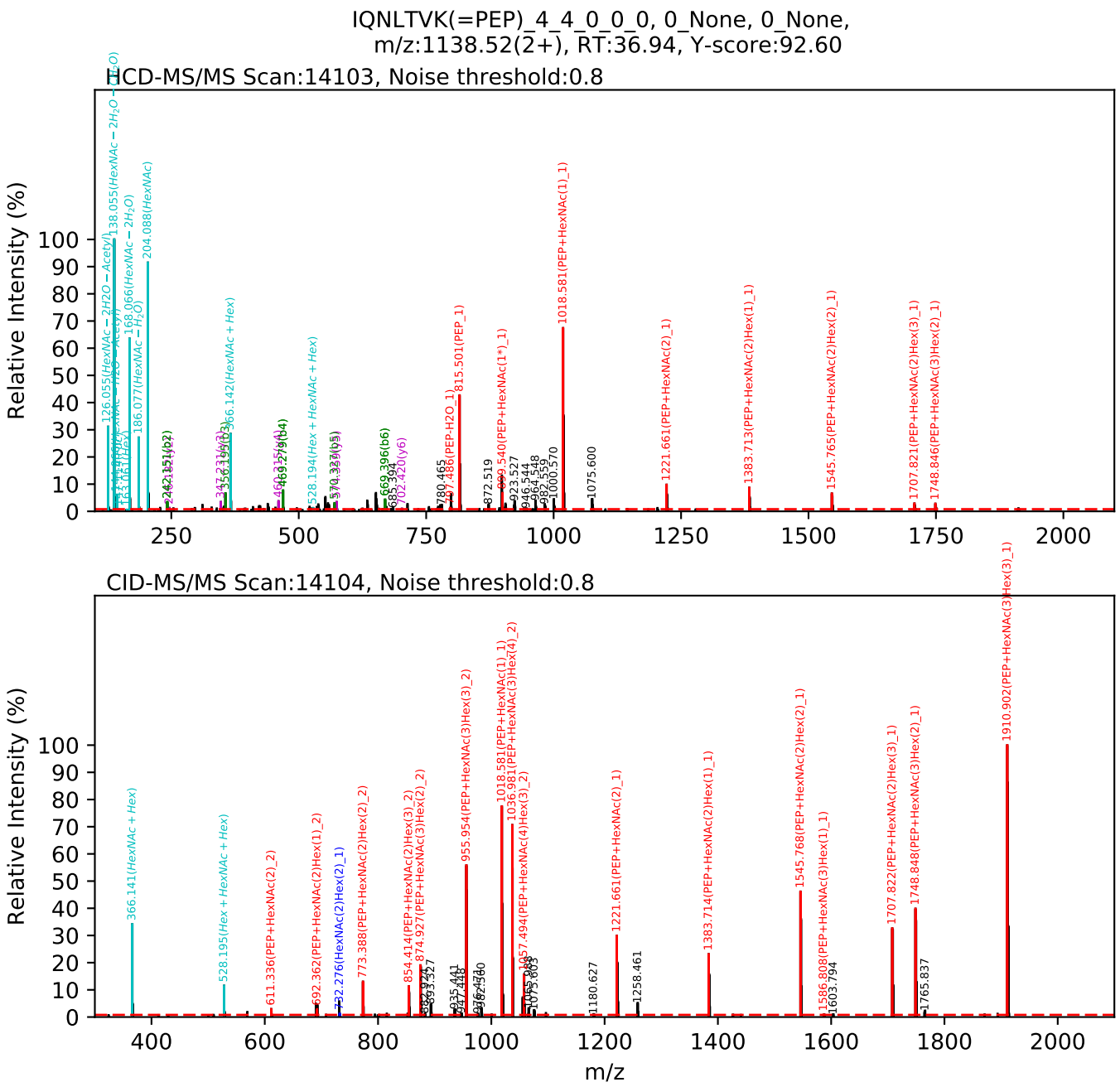

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:26.10, Y-score:76.48
HCD-MS/MS Scan:8578, Noise threshold:0.7
CID-MS/MS Scan:8579, Noise threshold:0.8
ETD-MS/MS Scan:8580, Noise threshold:0.3
Relative Intensity (%)
m/z

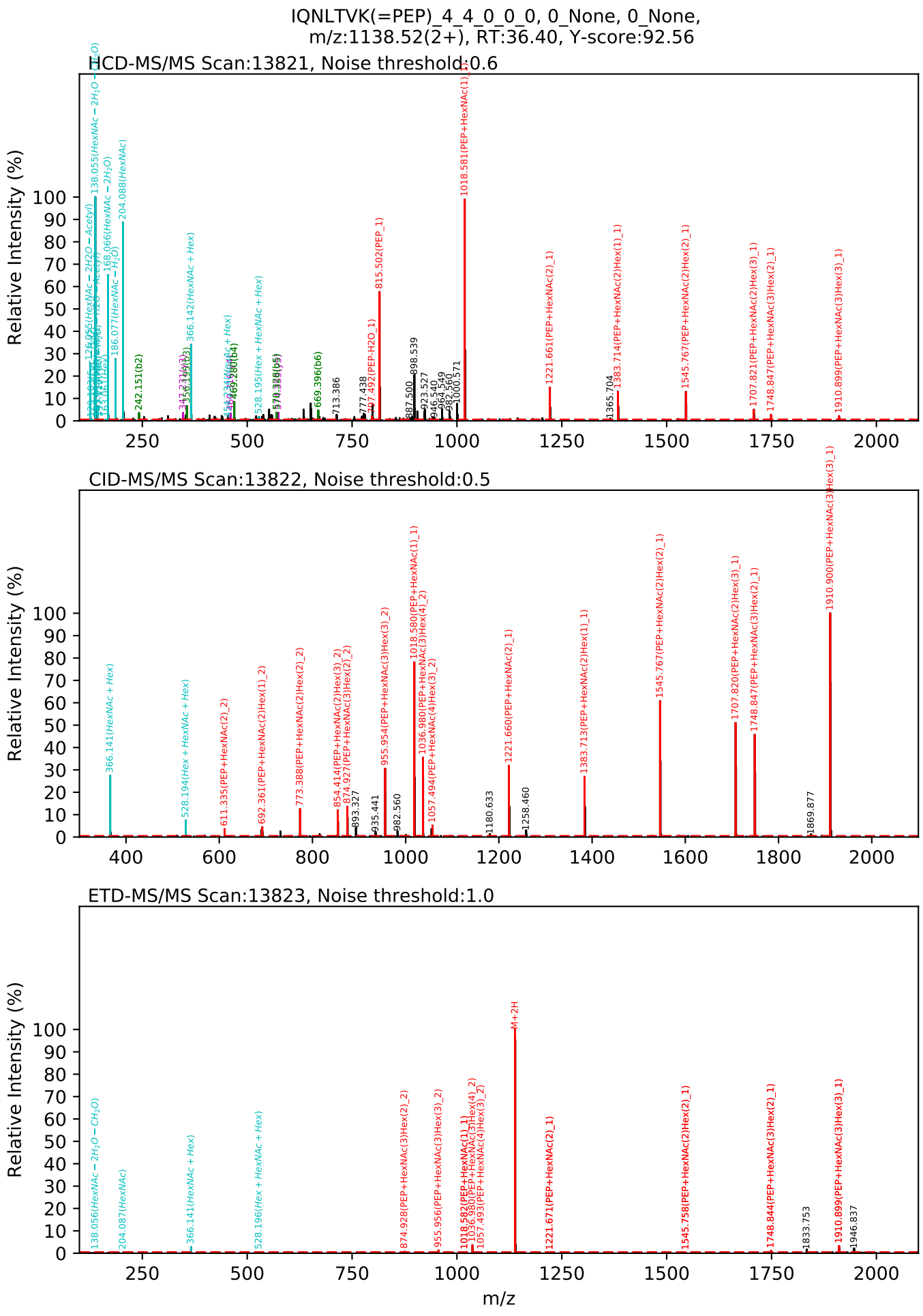

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:27.25, Y-score:97.43
HCD-MS/MS Scan:9163, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
347.232(b3)
356.194(b3)
366.142(HexNAc + Hex)
460.314(y4)
570.330(b5)
669.399(b6)
815.503(PEP_1)
898.542
1018.584(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.774(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:9164, Noise threshold:1.0
Relative Intensity (%)
366.141(HexNAc + Hex)
528.192(Hex + HexNAc + Hex)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1221.662(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
m/z

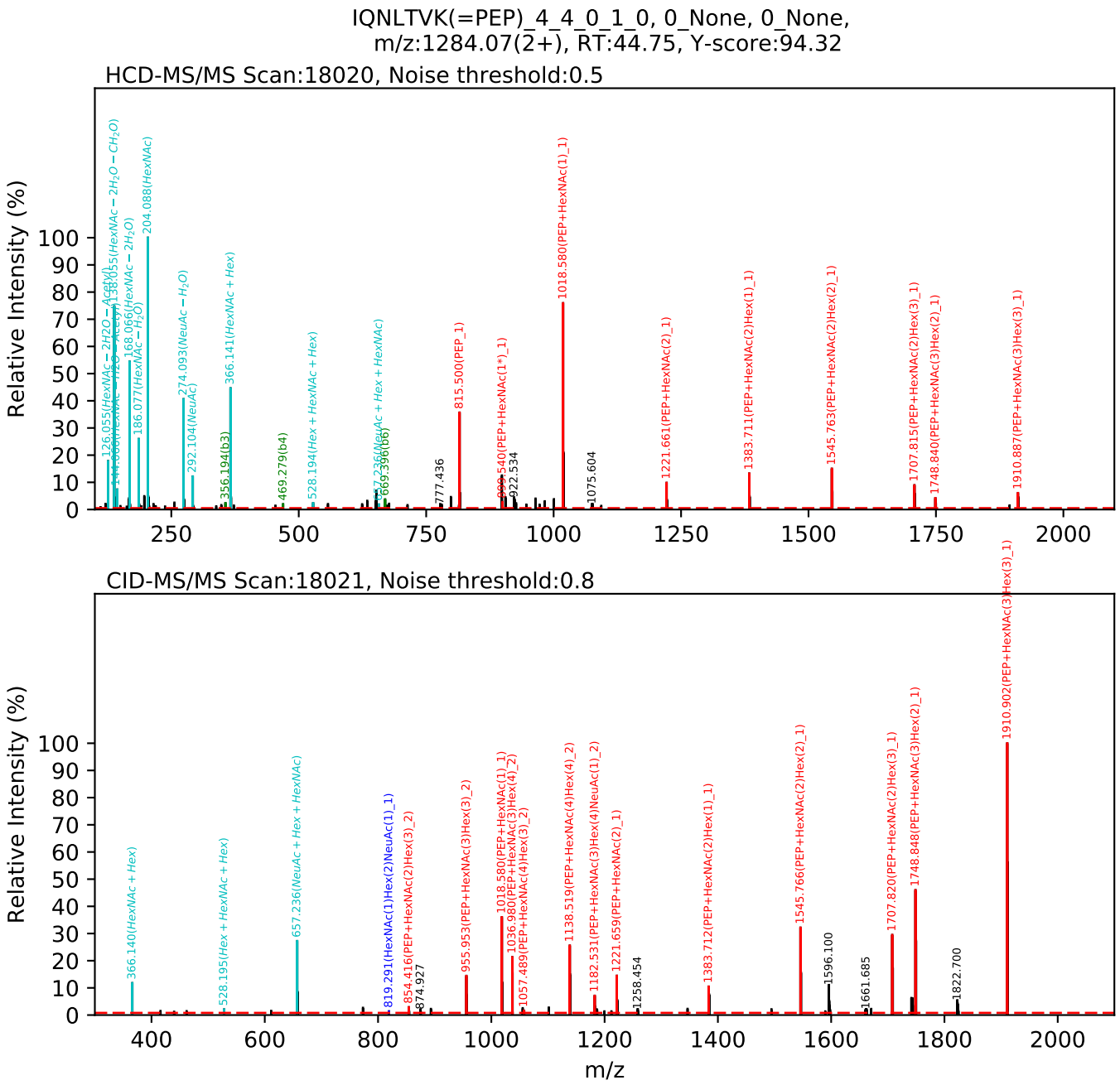

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:27.80, Y-score:76.44
HCD-MS/MS Scan:9448, Noise threshold:0.7
CID-MS/MS Scan:9449, Noise threshold:0.8
ETD-MS/MS Scan:9450, Noise threshold:0.7
Relative Intensity (%)
m/z
M+2H

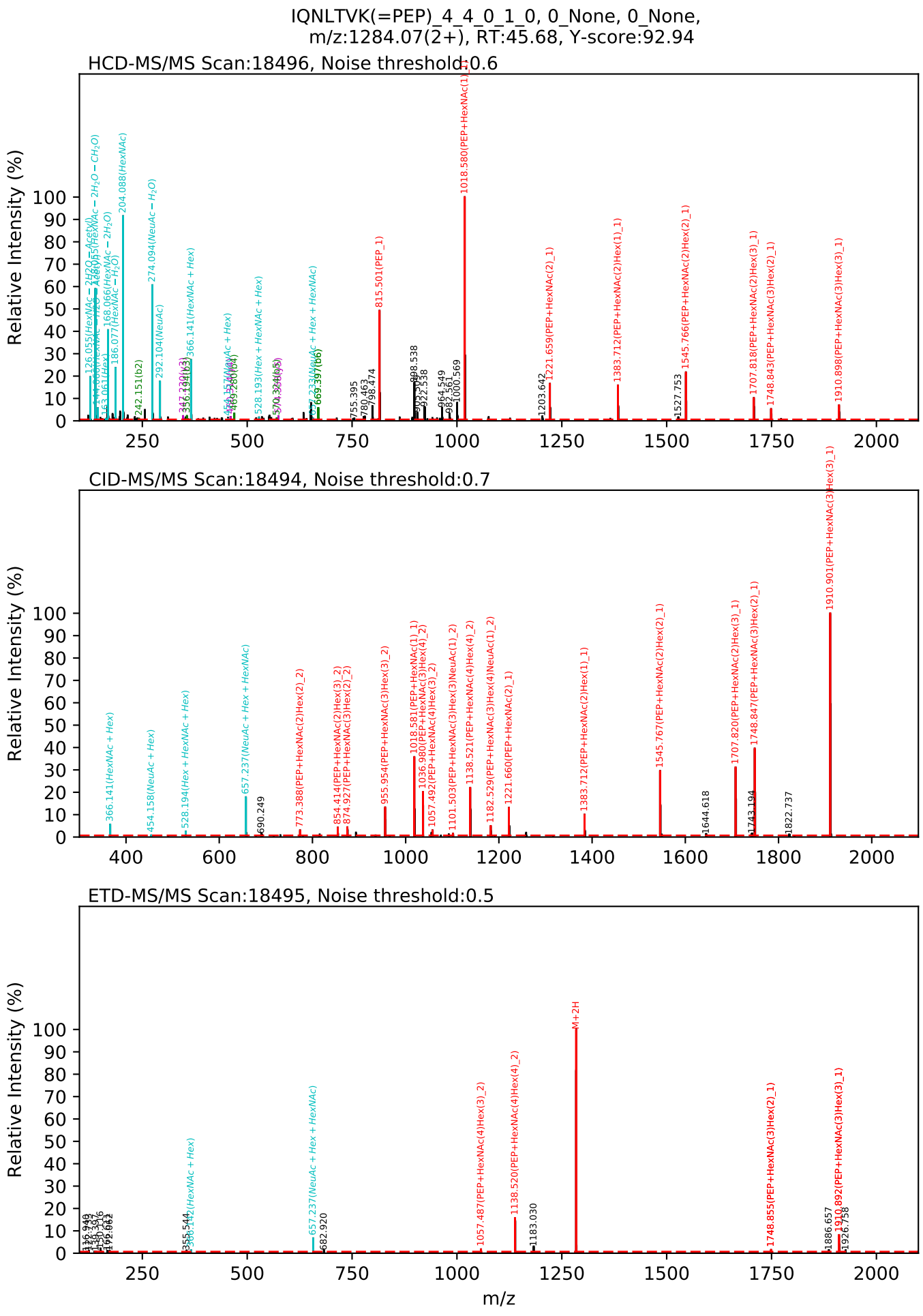

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:35.81, Y-score:93.33
HCD-MS/MS Scan:13511, Noise threshold:0.7
CID-MS/MS Scan:13512, Noise threshold:0.5
ETD-MS/MS Scan:13513, Noise threshold:0.8
Relative Intensity (%)
m/z

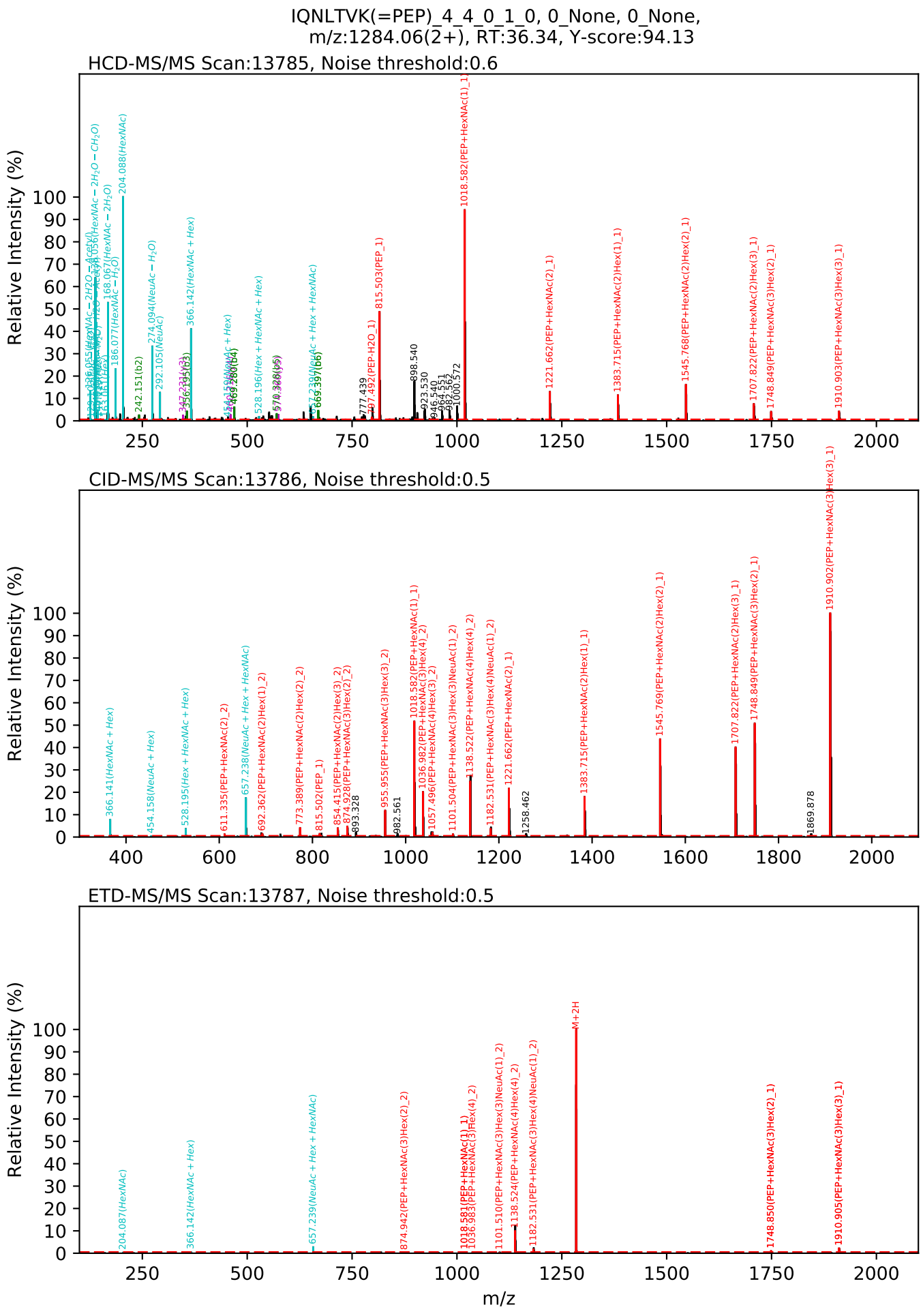

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:33.95, Y-score:91.17
HCD-MS/MS Scan:12557, Noise threshold:0.7
CID-MS/MS Scan:12558, Noise threshold:0.6
ETD-MS/MS Scan:12559, Noise threshold:0.6
Relative Intensity (%)
m/z

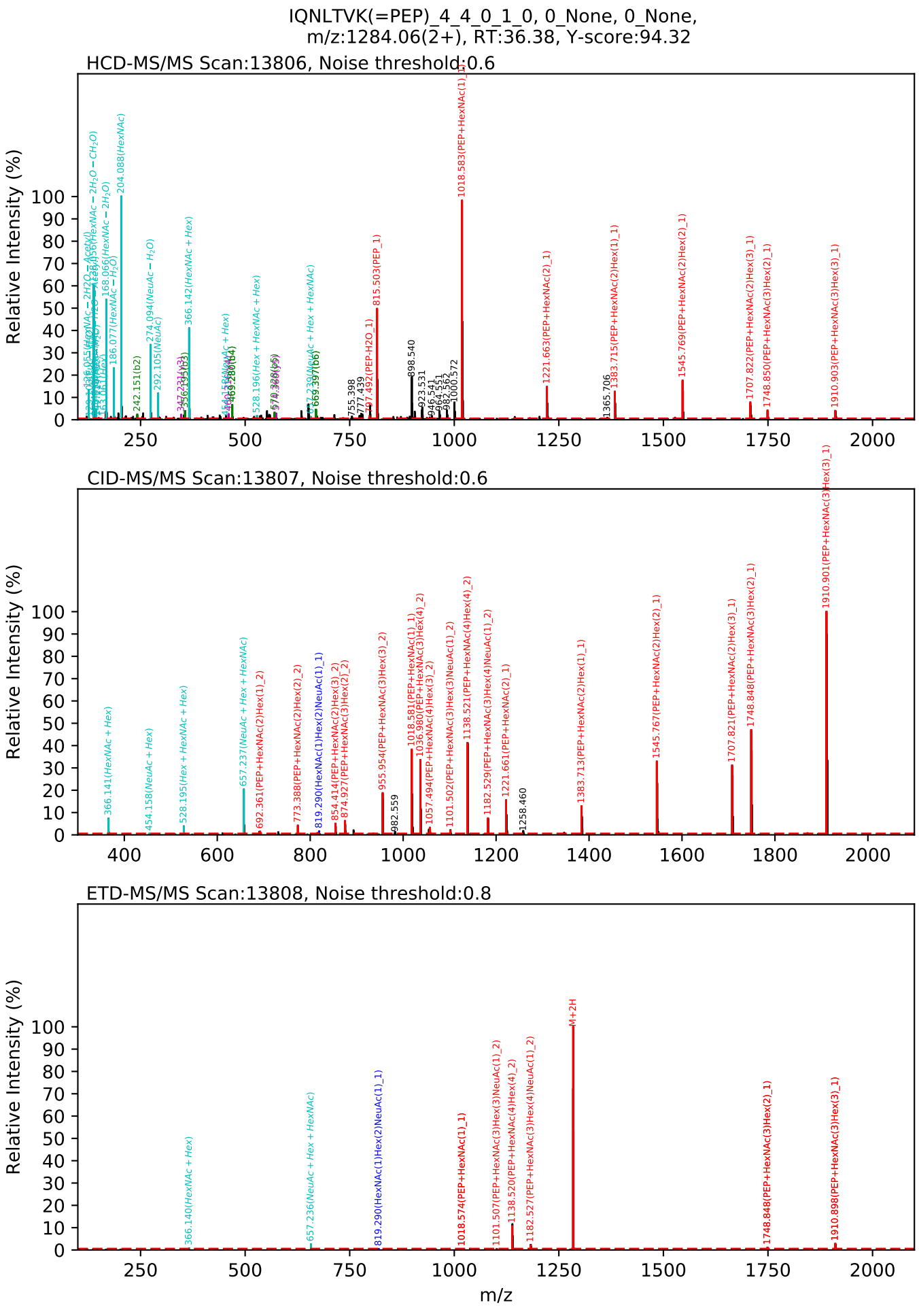

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:36.94, Y-score:92.60
HCD-MS/MS Scan:14103, Noise threshold:0.8
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
366.142(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
669.396(b6)
702.420(y6)
780.465
797.486(PEP-H2O_1)
815.501(PEP_1)
872.519
890.540(PEP+HexNAc(1*)_1)
923.527
946.544
982.559
1000.570
1018.581(PEP+HexNAc(1)_1)
1075.600
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.846(PEP+HexNAc(3)Hex(2)_1)
m/z
CID-MS/MS Scan:14104, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.336(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
732.276(HexNAc(2)Hex(2)_1)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1180.627
1221.661(PEP+HexNAc(2)_1)
1258.461
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1586.808(PEP+HexNAc(3)Hex(1)_1)
1603.794
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1765.837
1910.902(PEP+HexNAc(3)Hex(3)_1)
m/z

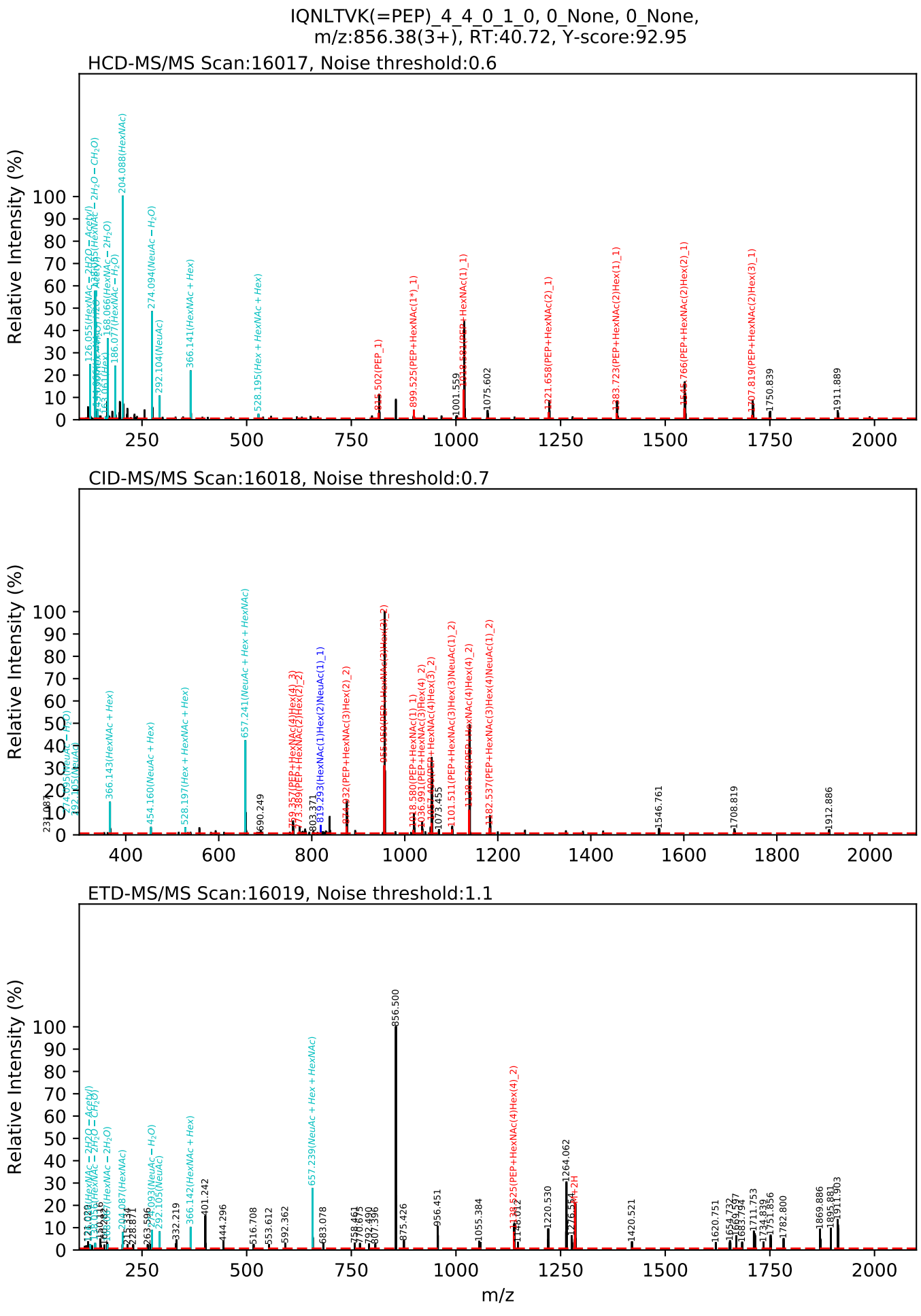

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:36.40, Y-score:92.56
HCD-MS/MS Scan:13821, Noise threshold:0.6
Relative Intensity (%)
242.151(b2)
204.088(HexNAc)
186.077(HexNAc − H2O)
366.142(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
669.396(b6)
815.502(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.899(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13822, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1221.660(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.900(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:13823, Noise threshold:1.0
Relative Intensity (%)
138.056(HexNAc − 2H2O − CH2O)
204.087(HexNAc)
366.141(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.956(PEP+HexNAc(3)Hex(3)_2)
1018.582(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.493(PEP+HexNAc(4)Hex(3)_2)
M+2H
1221.671(PEP+HexNAc(2)_1)
1545.758(PEP+HexNAc(2)Hex(2)_1)
1748.844(PEP+HexNAc(3)Hex(2)_1)
1833.753
1910.899(PEP+HexNAc(3)Hex(3)_1)
1946.837
m/z

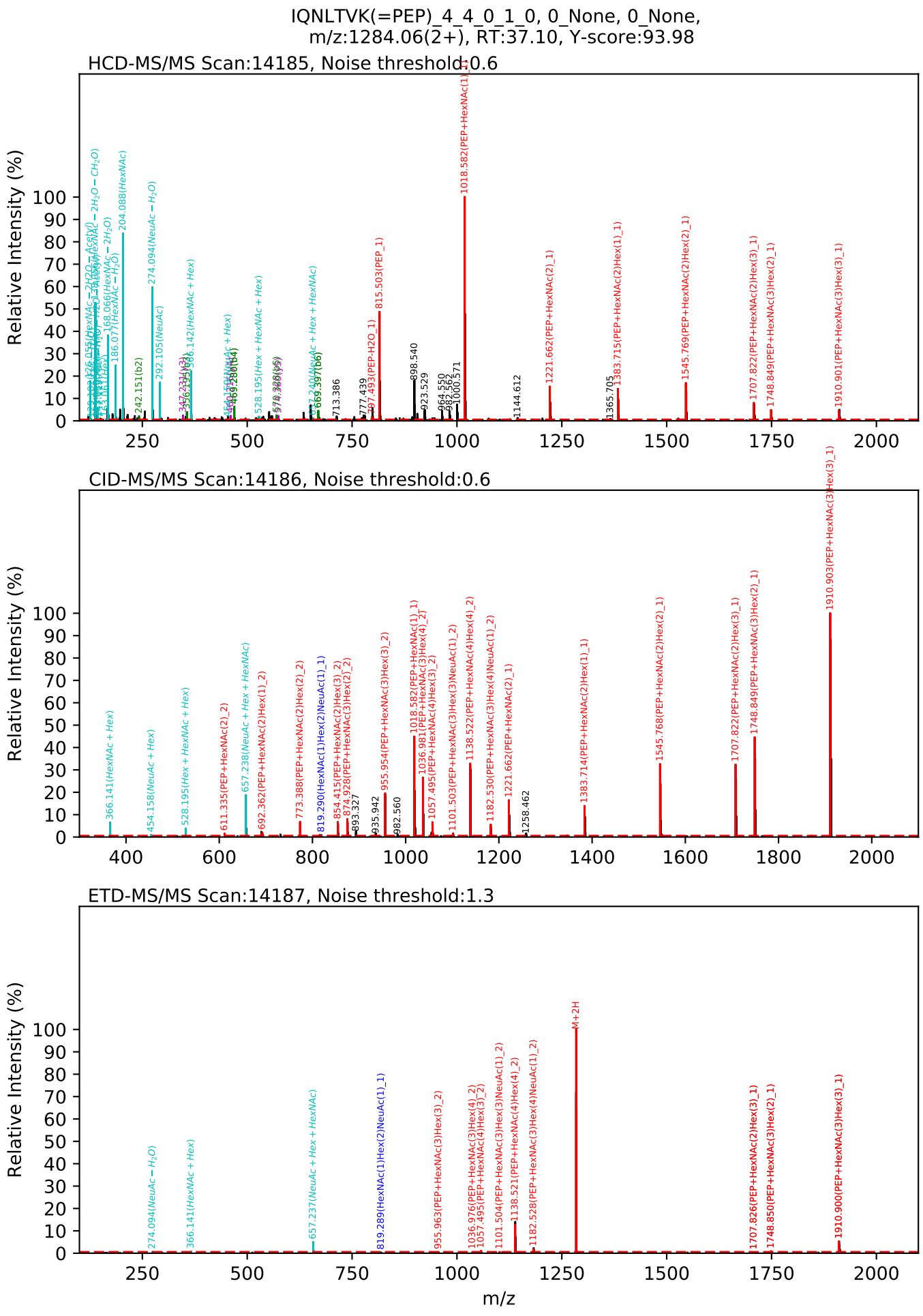

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.07(2+), RT:44.75, Y-score:94.32
HCD-MS/MS Scan:18020, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Ac)
144.066(HexNAc − H2O − Ac)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
356.194(b3)
366.141(HexNAc + Hex)
469.279(b4)
528.194(Hex + HexNAc + Hex)
669.396(b6)
777.436
815.500(PEP_1)
922.534
1018.580(PEP+HexNAc(1)_1)
1075.604
1221.661(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.815(PEP+HexNAc(2)Hex(3)_1)
1748.840(PEP+HexNAc(3)Hex(2)_1)
1910.887(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:18021, Noise threshold:0.8
Relative Intensity (%)
366.140(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
819.291(HexNAc(1)Hex(2)NeuAc(1)_1)
854.416(PEP+HexNAc(2)Hex(3)_2)
874.927
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.489(PEP+HexNAc(4)Hex(3)_2)
1138.519(PEP+HexNAc(4)Hex(4)_2)
1182.531(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1221.659(PEP+HexNAc(2)_1)
1258.454
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1596.100
1661.685
1707.820(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1822.700
1910.902(PEP+HexNAc(3)Hex(3)_1)
m/z

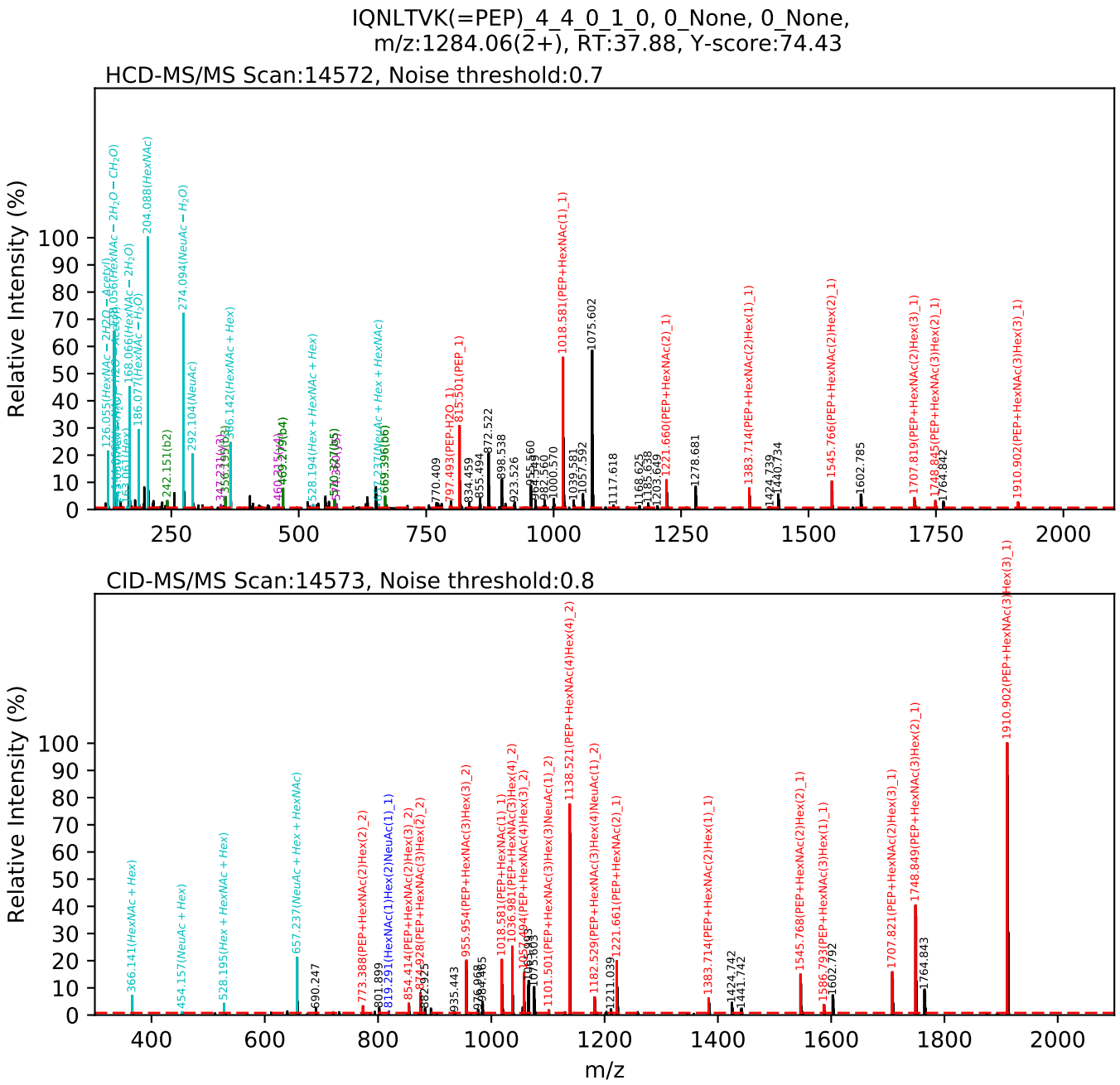

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.07(2+), RT:45.68, Y-score:92.94
HCD-MS/MS Scan:18496, Noise threshold:0.6
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.659(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1748.843(PEP+HexNAc(3)Hex(2)_1)
1910.898(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:18494, Noise threshold:0.7
Relative Intensity (%)
1910.901(PEP+HexNAc(3)Hex(3)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1221.660(PEP+HexNAc(2)_1)
1182.529(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1138.521(PEP+HexNAc(4)Hex(4)_2)
1101.503(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1057.492(PEP+HexNAc(4)Hex(3)_2)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1018.581(PEP+HexNAc(1)_1)
955.954(PEP+HexNAc(3)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
657.237(NeuAc + Hex + HexNAc)
528.194(Hex + HexNAc + Hex)
454.158(NeuAc + Hex)
366.141(HexNAc + Hex)
690.249
1644.618
1743.194
1822.737
ETD-MS/MS Scan:18495, Noise threshold:0.5
Relative Intensity (%)
M+2H
1138.520(PEP+HexNAc(4)Hex(4)_2)
1057.487(PEP+HexNAc(4)Hex(3)_2)
657.237(NeuAc + Hex + HexNAc)
366.141(HexNAc + Hex)
1748.855(PEP+HexNAc(3)Hex(2)_1)
1910.892(PEP+HexNAc(3)Hex(3)_1)
682.920
1183.030
1886.657
1926.758
m/z

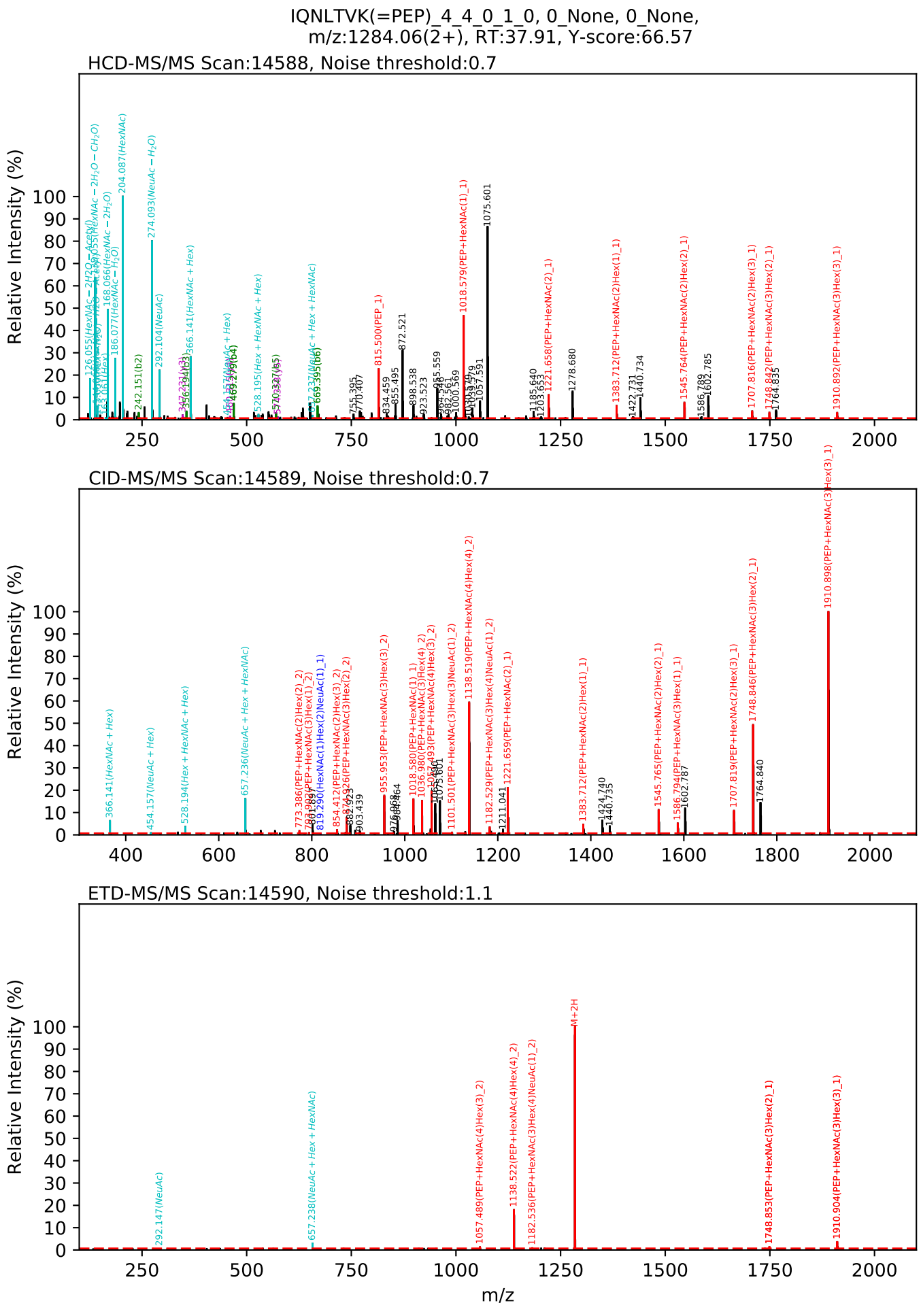

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.06(2+), RT:36.34, Y-score:94.13
HCD-MS/MS Scan:13785, Noise threshold:0.6
CID-MS/MS Scan:13786, Noise threshold:0.5
ETD-MS/MS Scan:13787, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

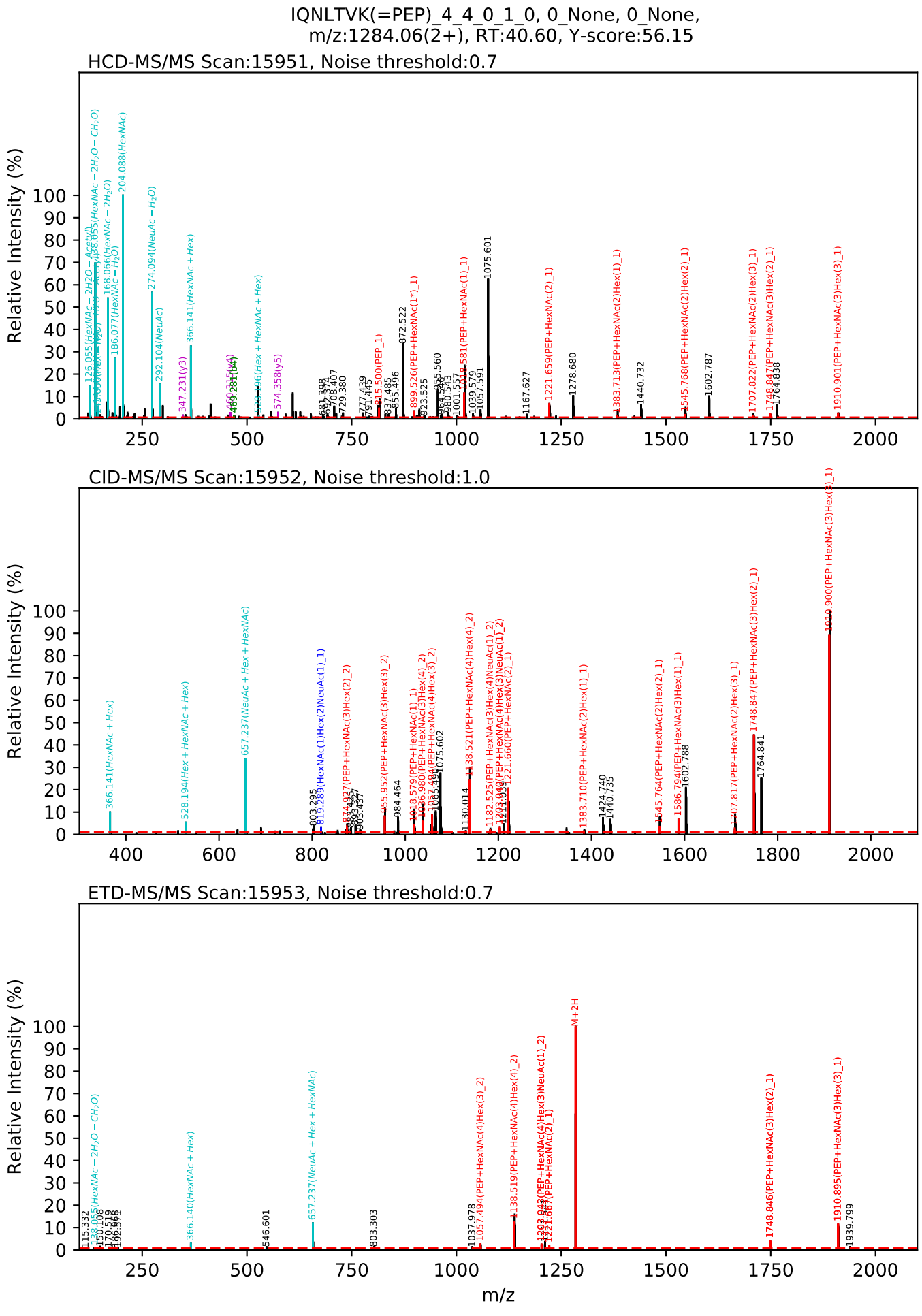

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.06(2+), RT:36.38, Y-score:94.32
HCD-MS/MS Scan:13806, Noise threshold:0.6
Relative Intensity (%)
204.088(HexNAc)
186.077(HexNAc − H2O)
168.066(HexNAc − 2H2O)
242.151(b2)
274.094(NeuAc − H2O)
292.105(NeuAc)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
755.398
777.439
815.503(PEP_1)
898.540
923.531
946.541
1000.572
1018.583(PEP+HexNAc(1)_1)
1221.663(PEP+HexNAc(2)_1)
1365.706
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.850(PEP+HexNAc(3)Hex(2)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13807, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
454.158(NeuAc + Hex)
528.195(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
819.290(HexNAc(1)Hex(2)NeuAc(1)_1)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
982.559
1018.581(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1101.502(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1138.521(PEP+HexNAc(4)Hex(4)_2)
1182.529(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1221.661(PEP+HexNAc(2)_1)
1258.460
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:13808, Noise threshold:0.8
Relative Intensity (%)
366.140(HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
819.290(HexNAc(1)Hex(2)NeuAc(1)_1)
1018.574(PEP+HexNAc(1)_1)
1101.507(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1138.520(PEP+HexNAc(4)Hex(4)_2)
1182.527(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
M+2H
1748.848(PEP+HexNAc(3)Hex(2)_1)
1910.898(PEP+HexNAc(3)Hex(3)_1)
m/z

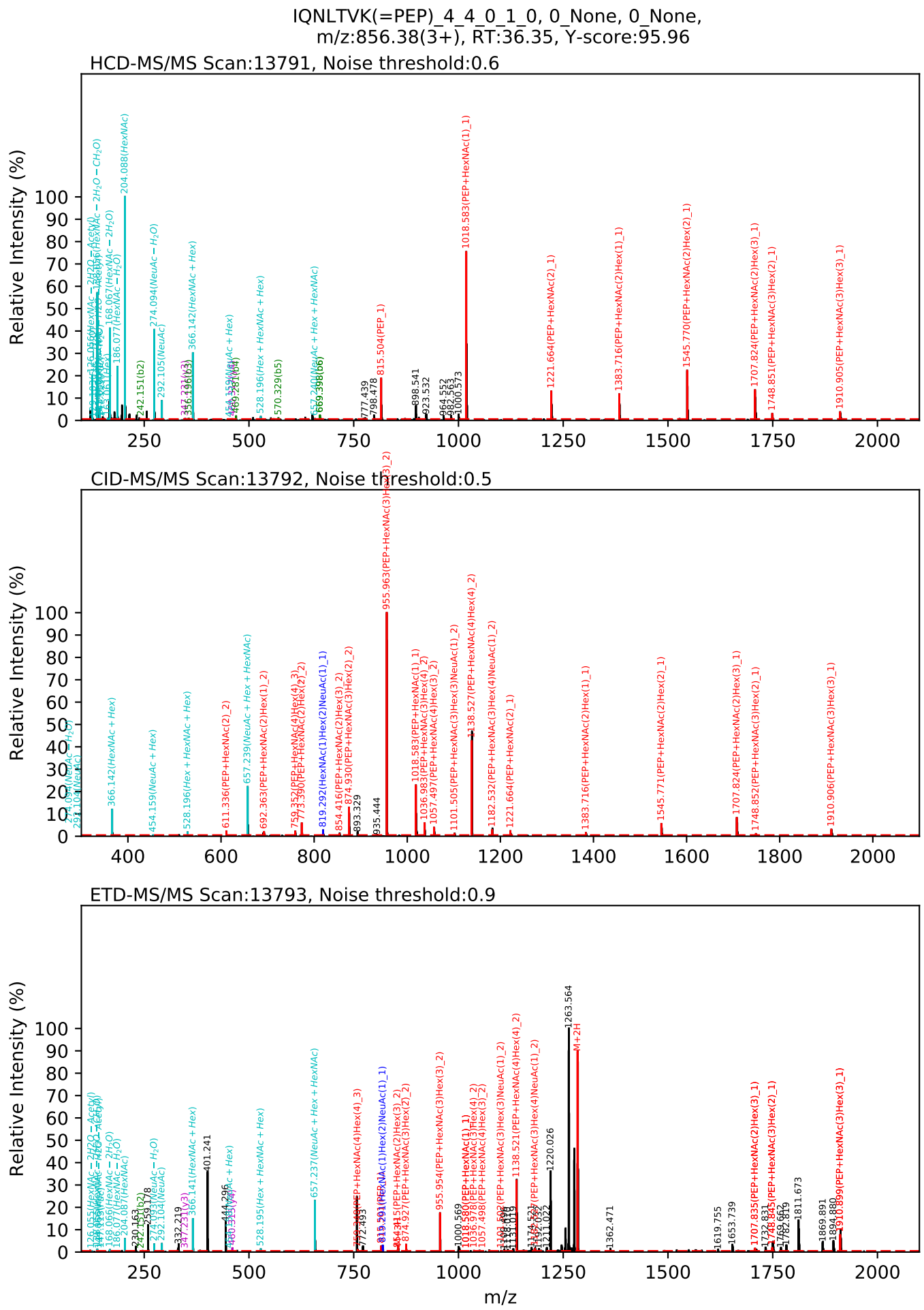

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:856.38(3+), RT:40.72, Y-score:92.95
HCD-MS/MS Scan:16017, Noise threshold:0.6
CID-MS/MS Scan:16018, Noise threshold:0.7
ETD-MS/MS Scan:16019, Noise threshold:1.1
Relative Intensity (%)
m/z

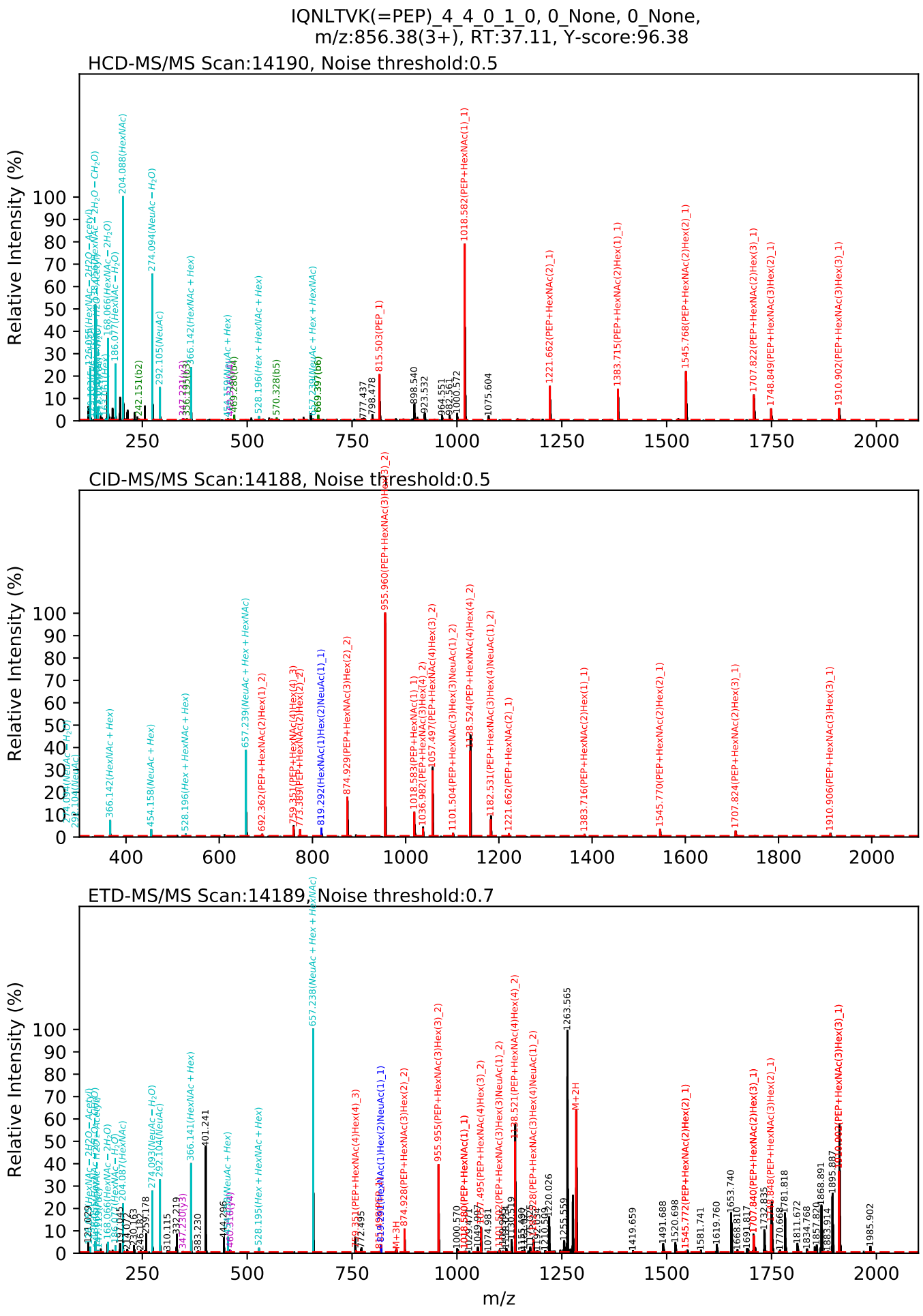

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.06(2+), RT:37.10, Y-score:93.98
HCD-MS/MS Scan:14185, Noise threshold:0.6
CID-MS/MS Scan:14186, Noise threshold:0.6
ETD-MS/MS Scan:14187, Noise threshold:1.3
Relative Intensity (%)
m/z

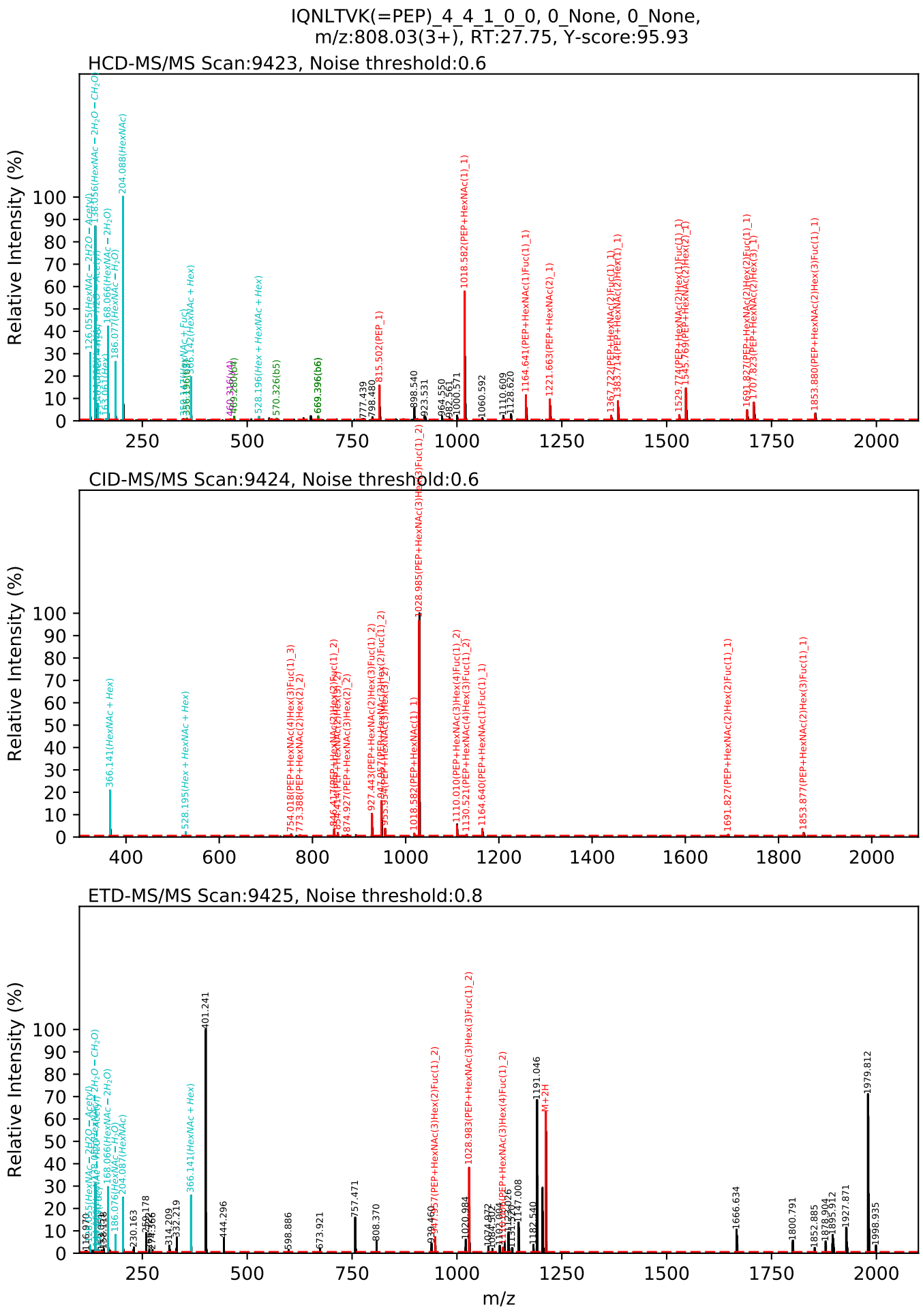

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.06(2+), RT:37.88, Y-score:74.43
HCD-MS/MS Scan:14572, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:14573, Noise threshold:0.8
Relative Intensity (%)
m/z

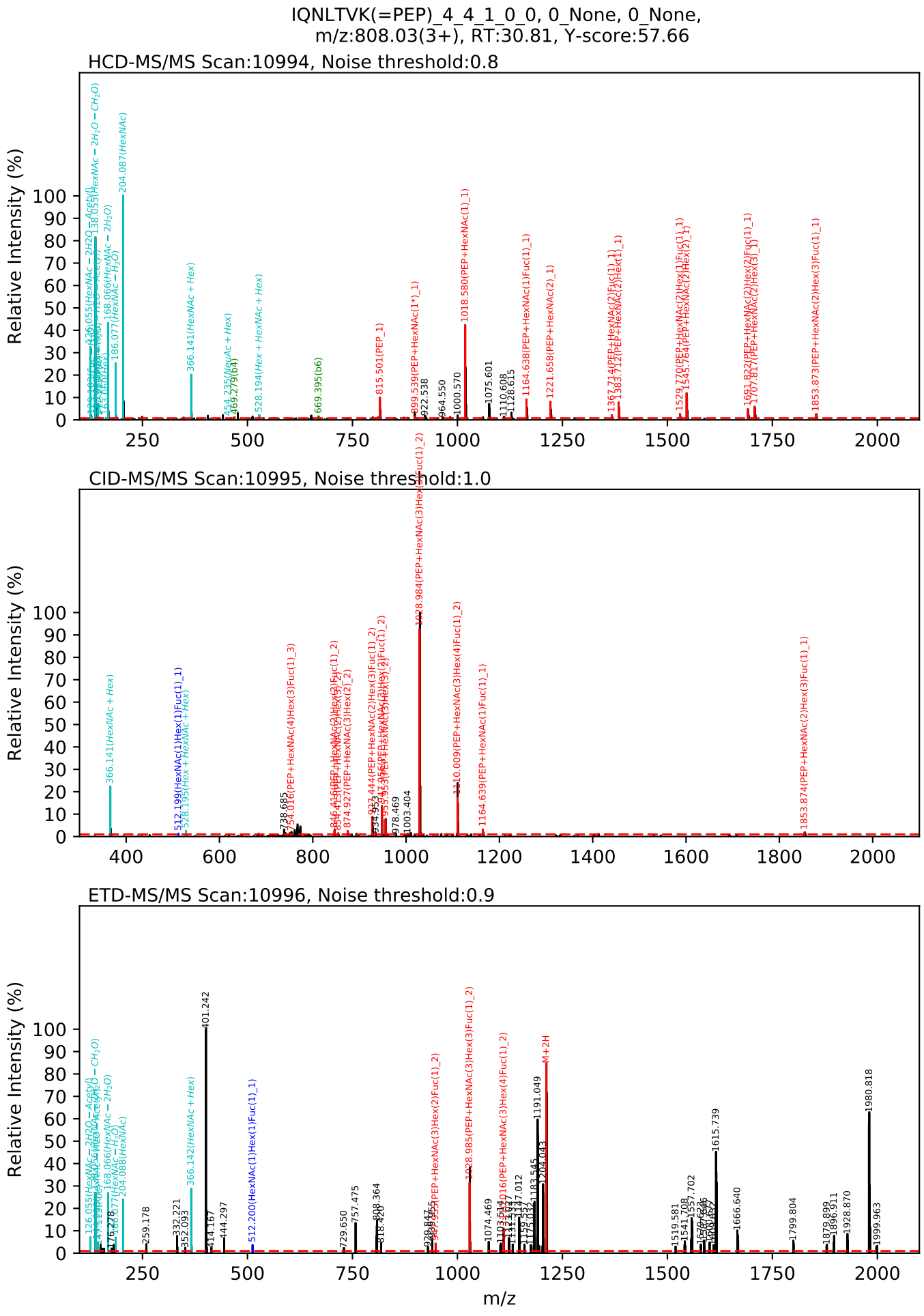

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.06(2+), RT:37.91, Y-score:66.57
HCD-MS/MS Scan:14588, Noise threshold:0.7
CID-MS/MS Scan:14589, Noise threshold:0.7
ETD-MS/MS Scan:14590, Noise threshold:1.1
Relative Intensity (%)
m/z

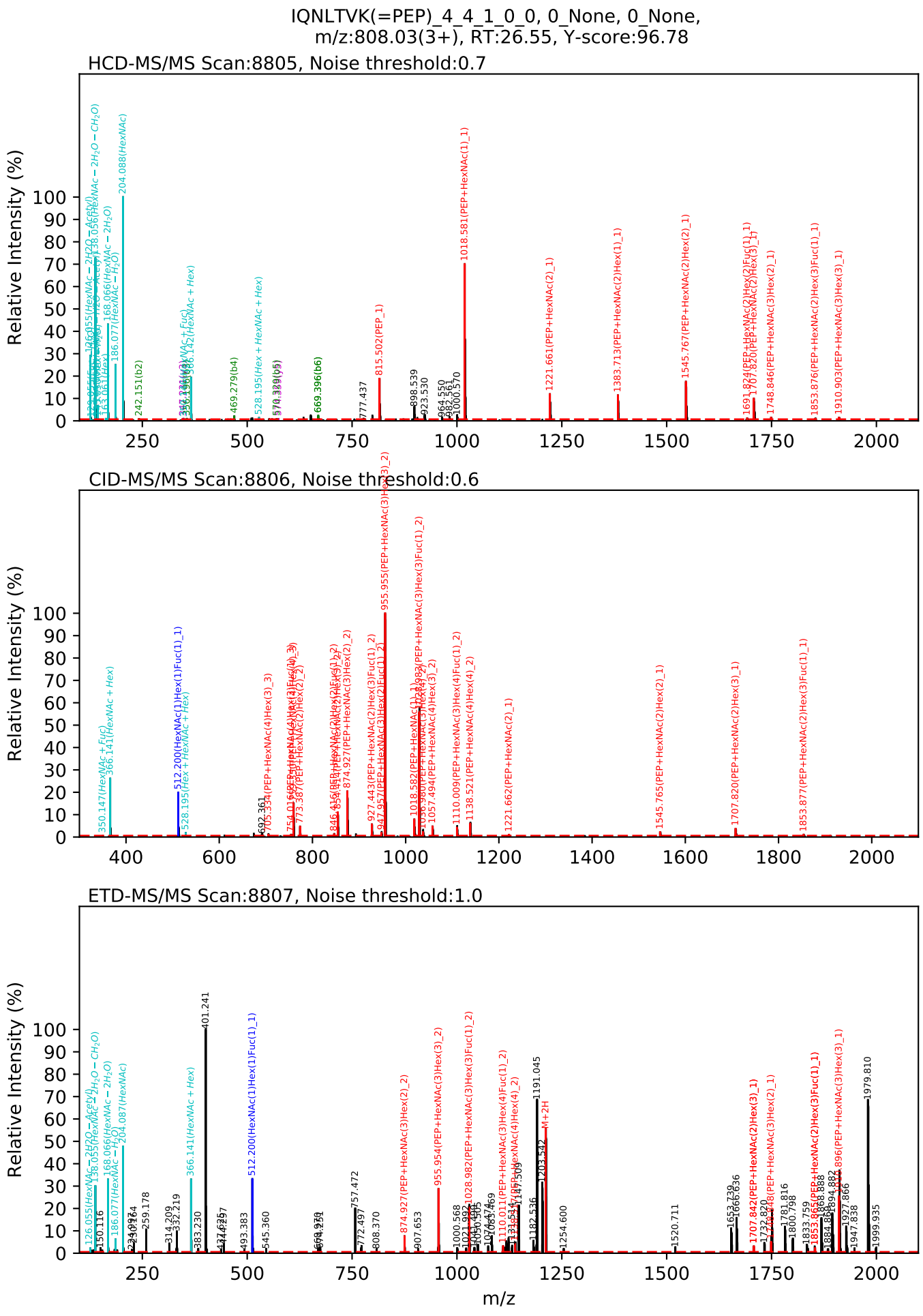

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.06(2+), RT:40.60, Y-score:56.15
HCD-MS/MS Scan:15951, Noise threshold:0.7
CID-MS/MS Scan:15952, Noise threshold:1.0
ETD-MS/MS Scan:15953, Noise threshold:0.7
Relative Intensity (%)
m/z

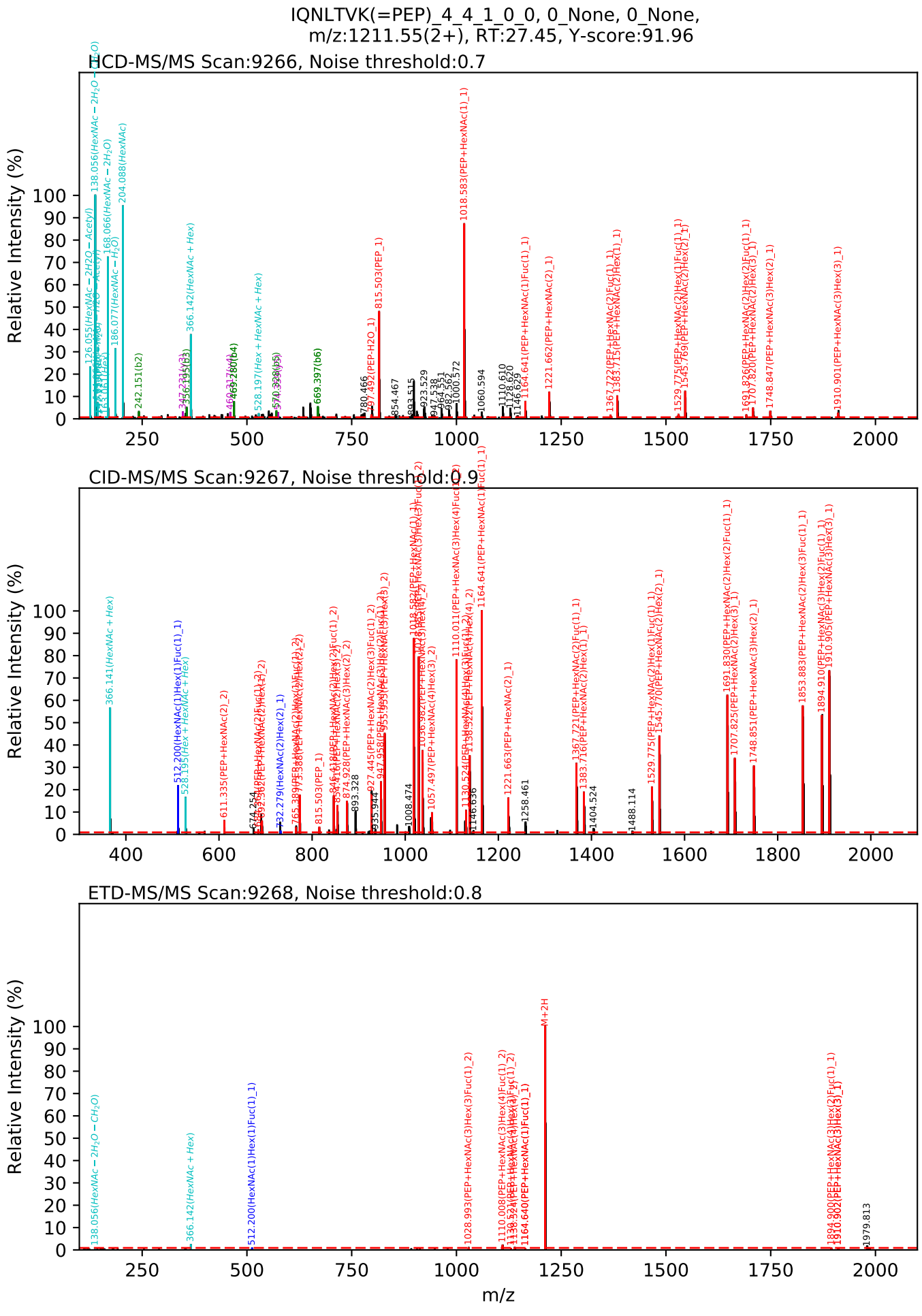

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:856.38(3+), RT:36.35, Y-score:95.96
HCD-MS/MS Scan:13791, Noise threshold:0.6
CID-MS/MS Scan:13792, Noise threshold:0.5
ETD-MS/MS Scan:13793, Noise threshold:0.9
Relative Intensity (%)
m/z

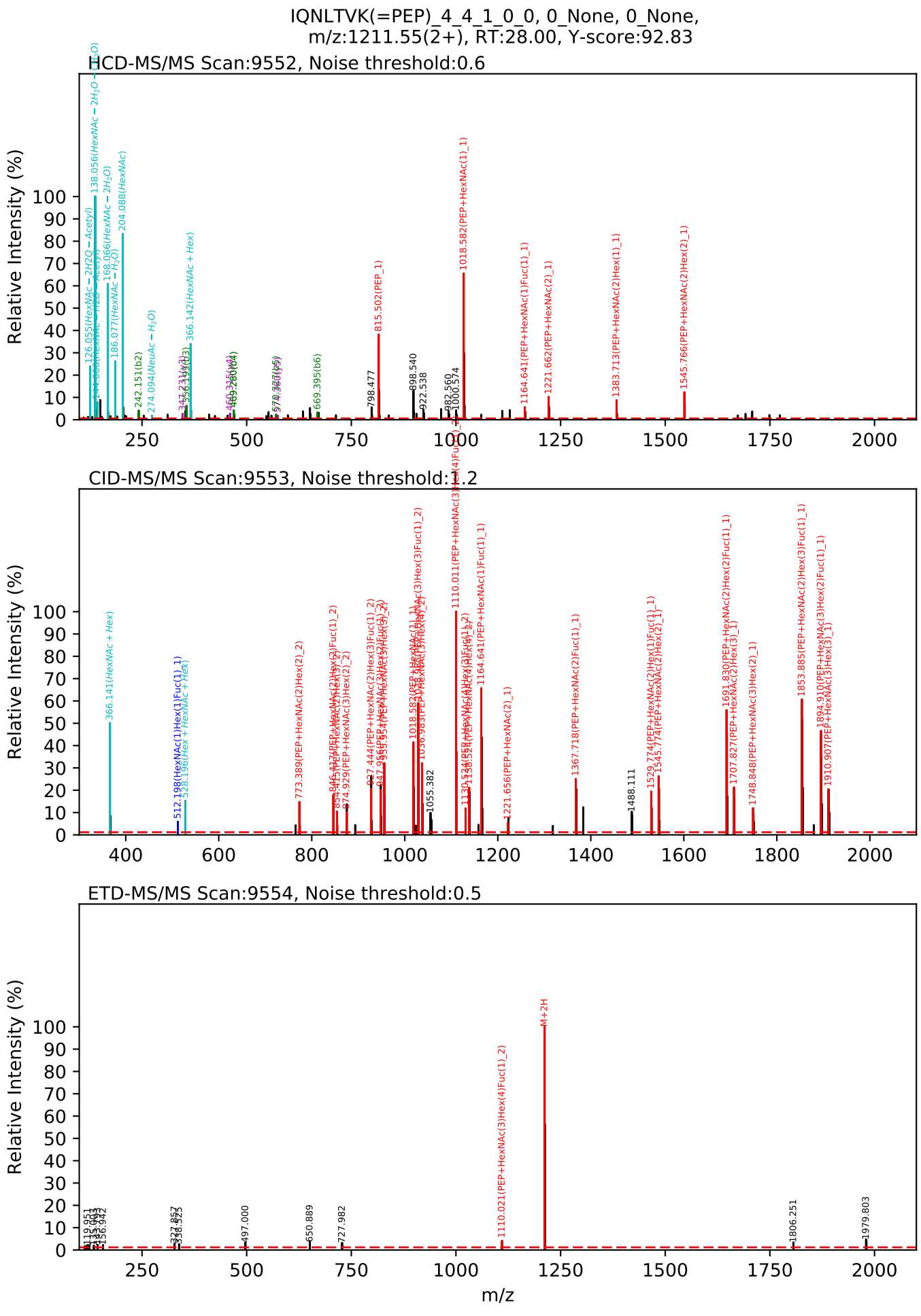

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:856.38(3+), RT:37.11, Y-score:96.38
HCD-MS/MS Scan:14190, Noise threshold:0.5
CID-MS/MS Scan:14188, Noise threshold:0.5
ETD-MS/MS Scan:14189, Noise threshold:0.7
Relative Intensity (%)
m/z

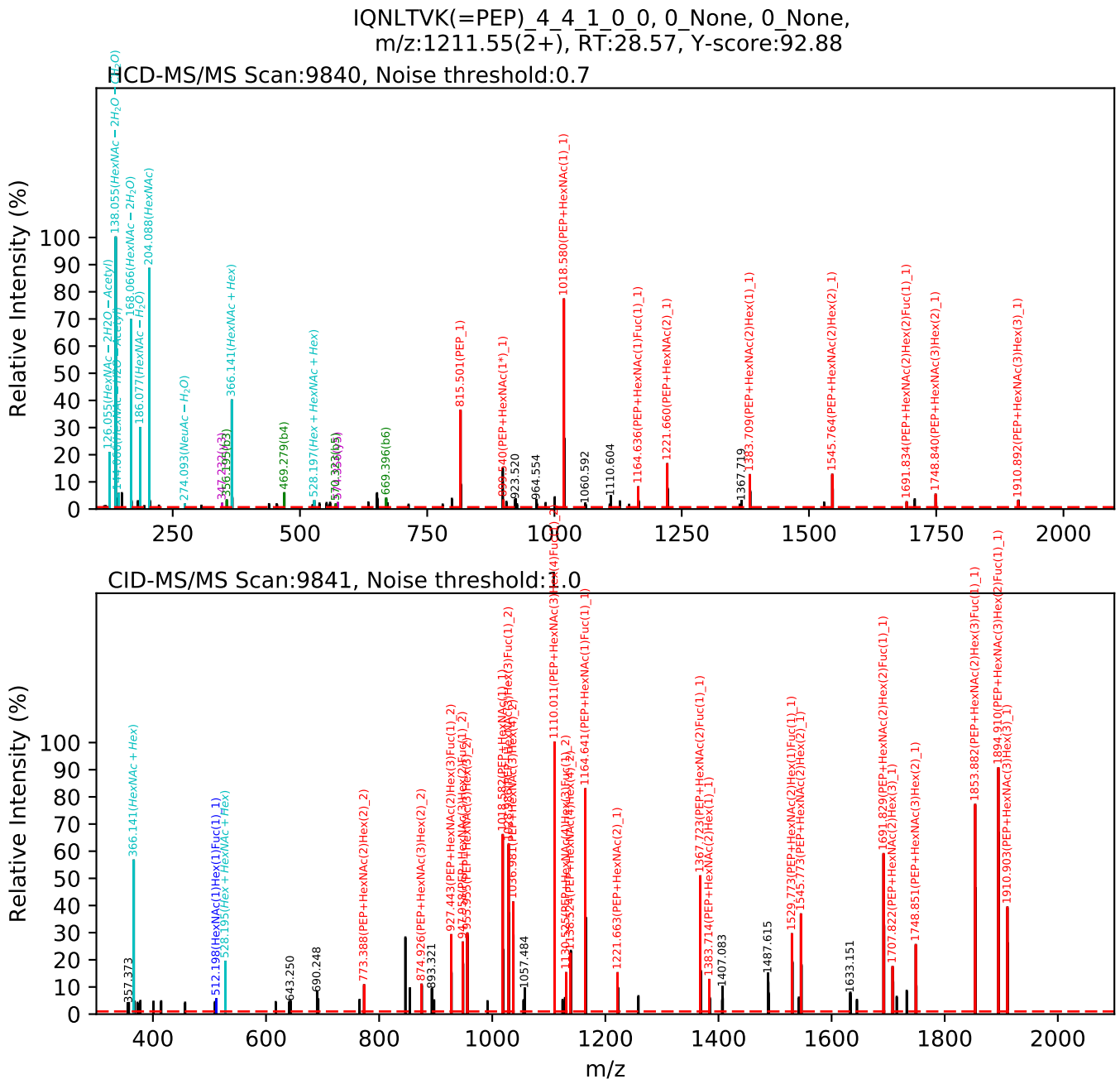

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:808.03(3+), RT:27.75, Y-score:95.93
HCD-MS/MS Scan:9423, Noise threshold:0.6
CID-MS/MS Scan:9424, Noise threshold:0.6
ETD-MS/MS Scan:9425, Noise threshold:0.8
Relative Intensity (%)
m/z

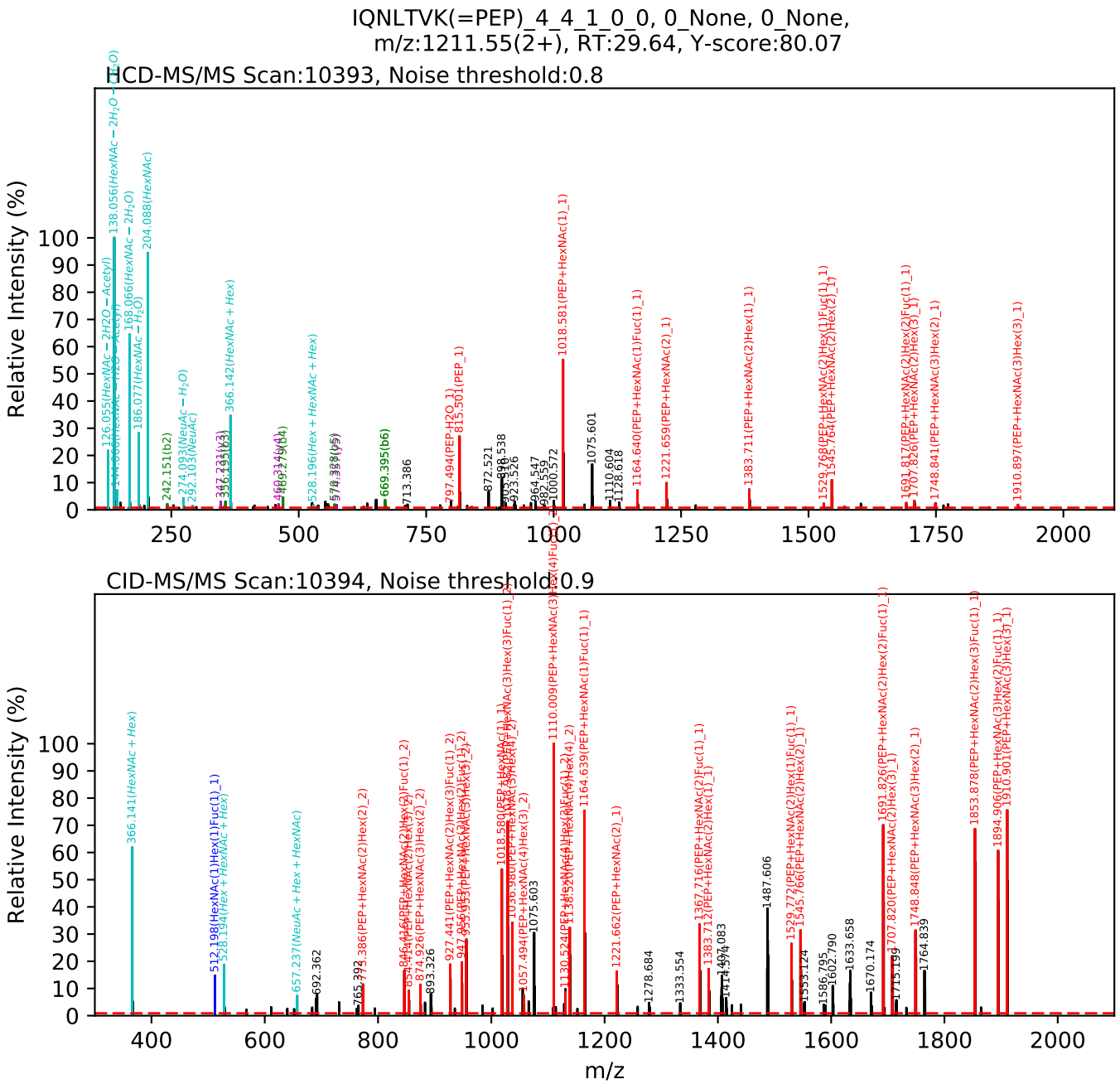

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:808.03(3+), RT:30.81, Y-score:57.66
HCD-MS/MS Scan:10994, Noise threshold:0.8
CID-MS/MS Scan:10995, Noise threshold:1.0
ETD-MS/MS Scan:10996, Noise threshold:0.9
Relative Intensity (%)
m/z

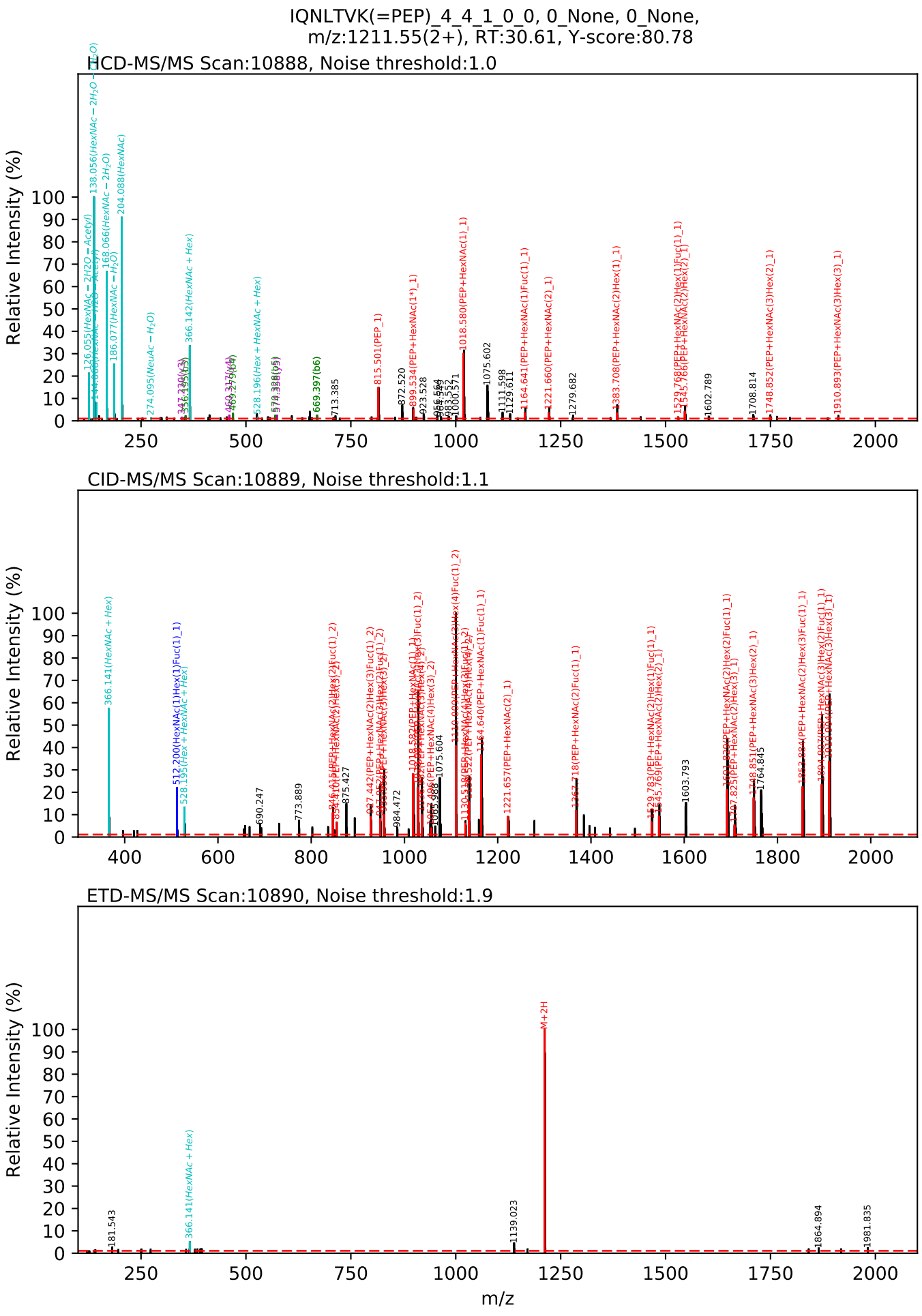

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:808.03(3+), RT:26.55, Y-score:96.78
HCD-MS/MS Scan:8805, Noise threshold:0.7
CID-MS/MS Scan:8806, Noise threshold:0.6
ETD-MS/MS Scan:8807, Noise threshold:1.0
Relative Intensity (%)
m/z

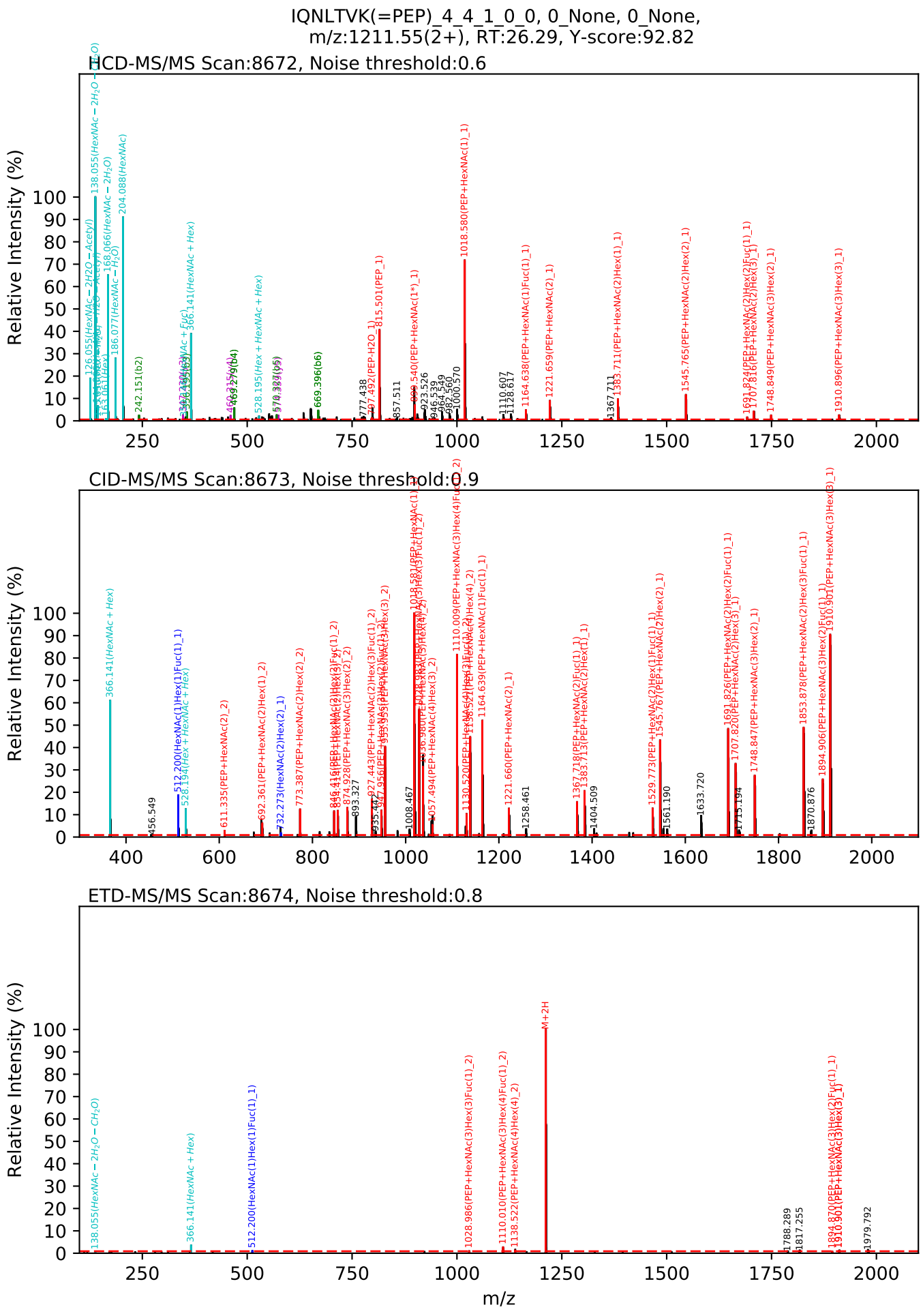

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:27.45, Y-score:91.96
HCD-MS/MS Scan:9266, Noise threshold:0.7
CID-MS/MS Scan:9267, Noise threshold:0.9
ETD-MS/MS Scan:9268, Noise threshold:0.8
Relative Intensity (%)
m/z

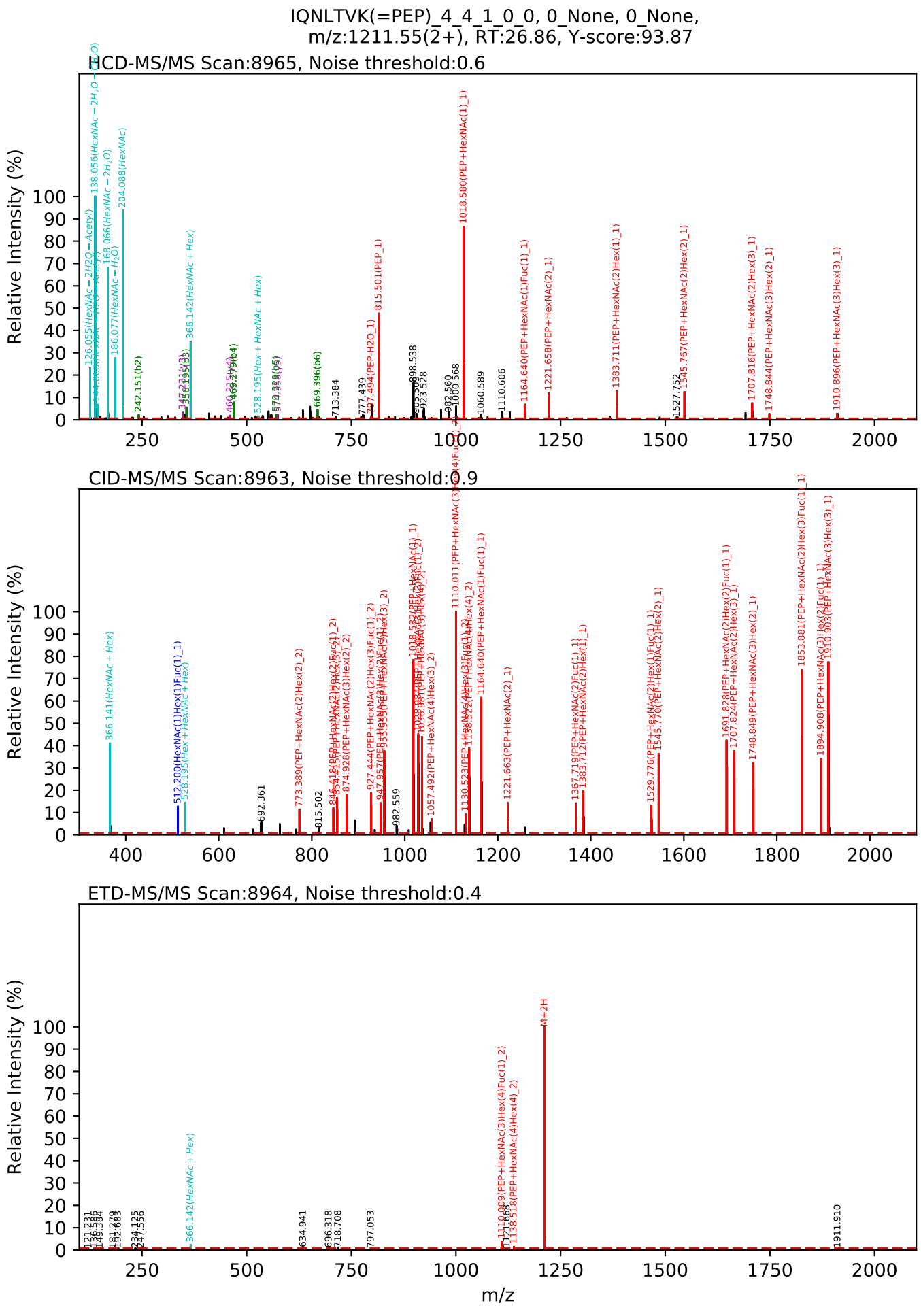

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:28.00, Y-score:92.83
HCD-MS/MS Scan:9552, Noise threshold:0.6
CID-MS/MS Scan:9553, Noise threshold:1.2
ETD-MS/MS Scan:9554, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H
366.141(HexNAc + Hex)
773.389(PEP+HexNAc(2)Hex(2)_2)
1110.011(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.641(PEP+HexNAc(1)Fuc(1)_1)
1018.582(PEP+HexNAc(1)_1)
1110.021(PEP+HexNAc(3)Hex(4)Fuc(1)_2)

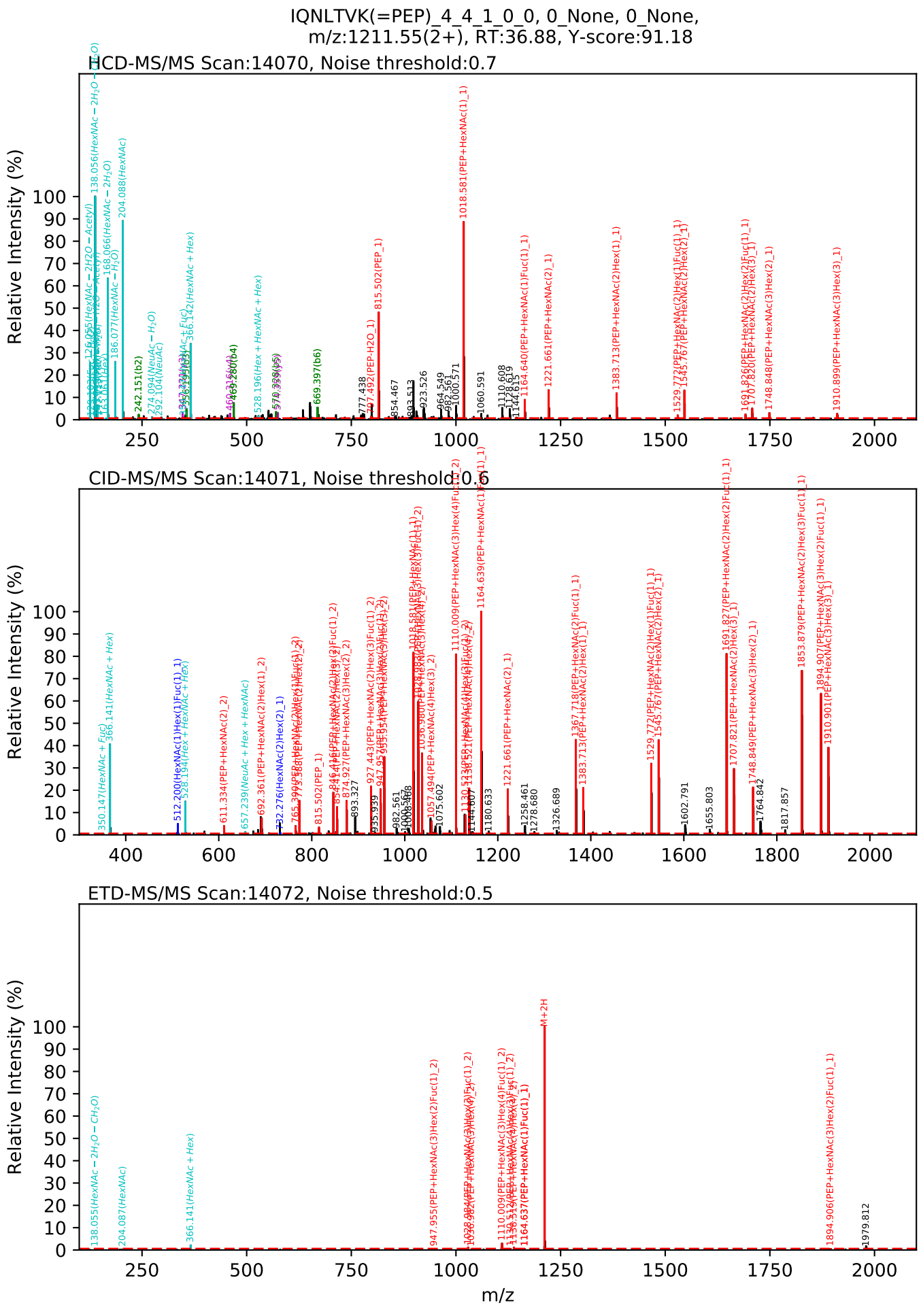

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:28.57, Y-score:92.88
HCD-MS/MS Scan:9840, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:9841, Noise threshold:1.0
Relative Intensity (%)
m/z

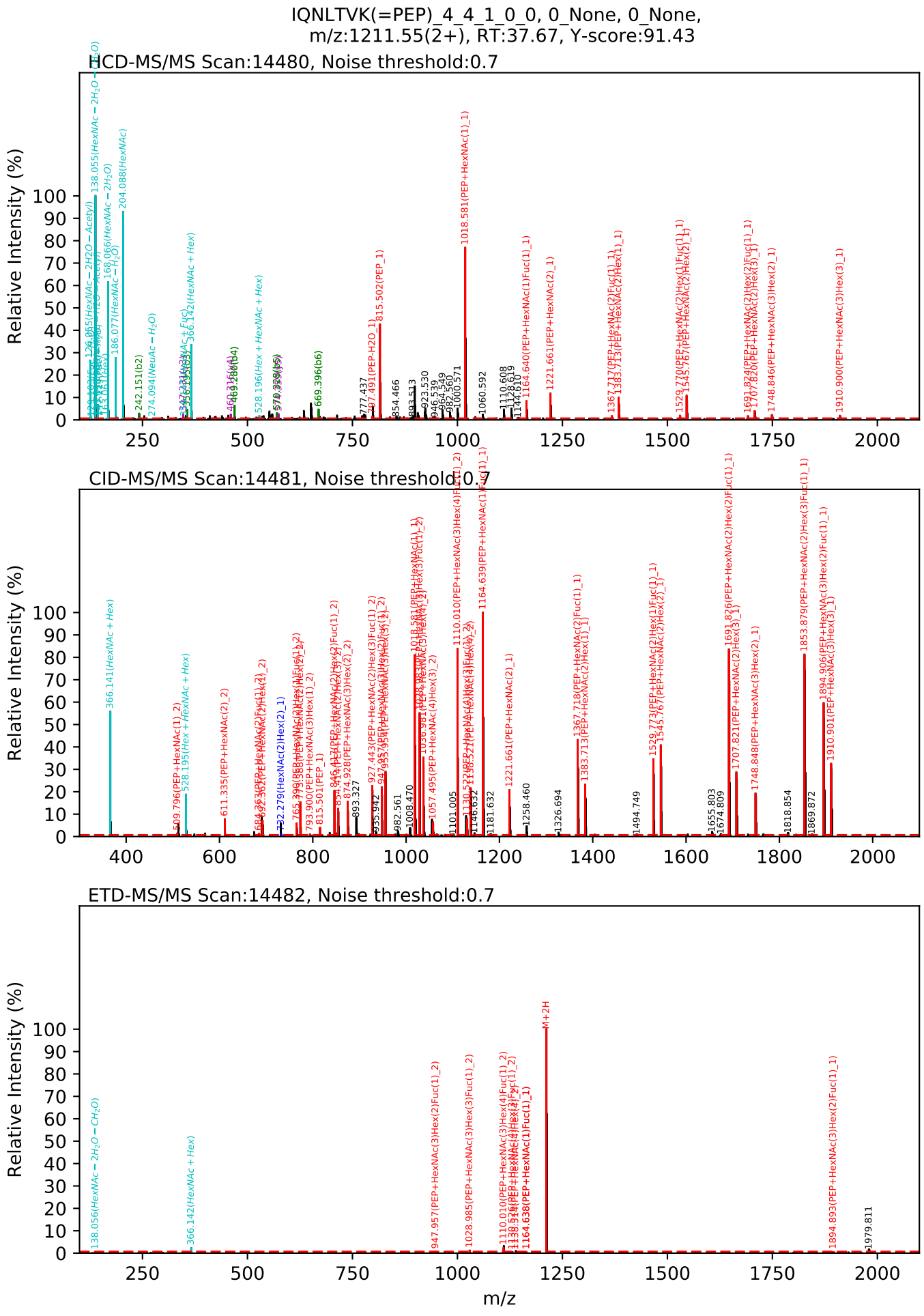

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:29.64, Y-score:80.07
HCD-MS/MS Scan:10393, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:10394, Noise threshold:0.9
Relative Intensity (%)
m/z

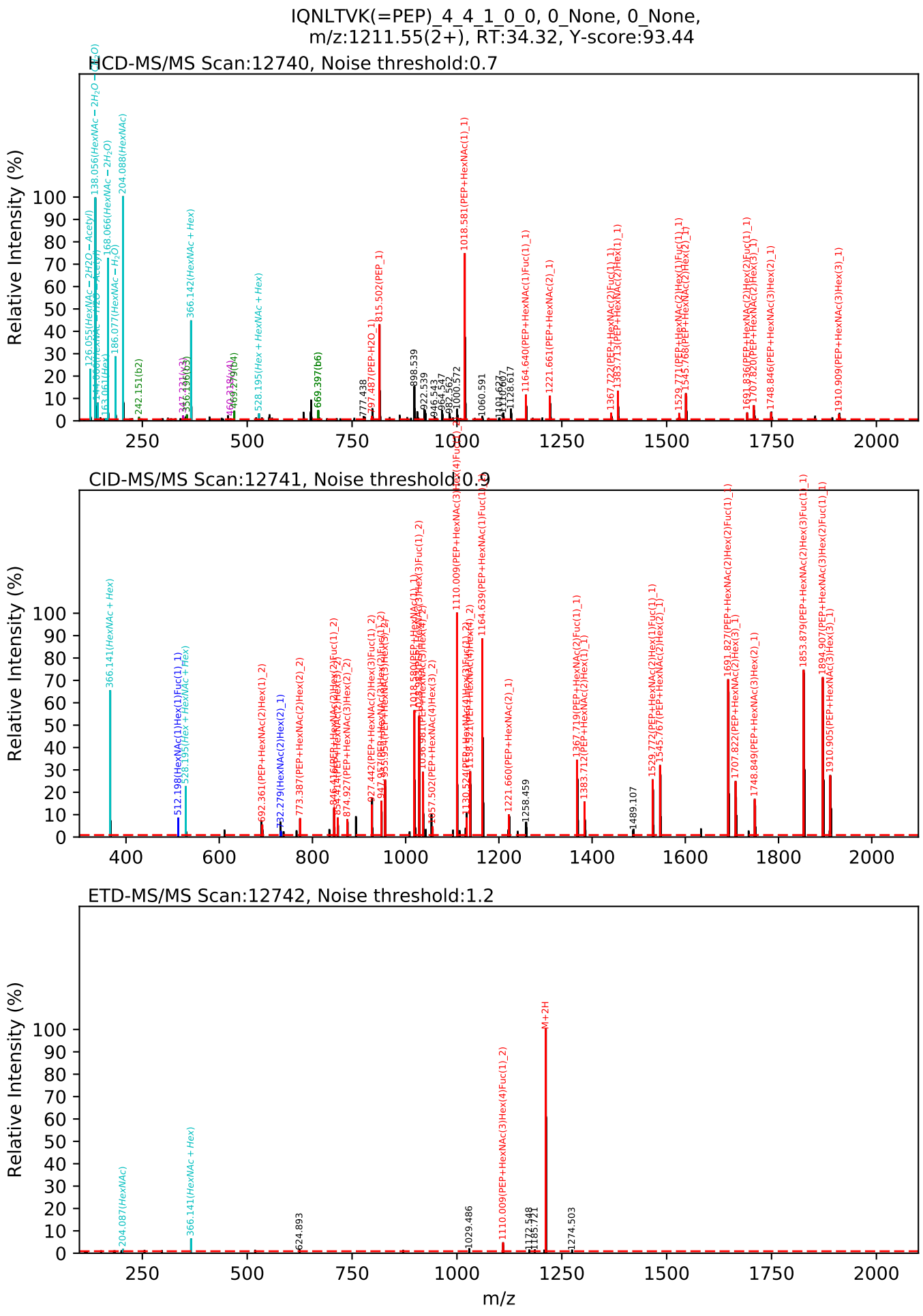

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:30.61, Y-score:80.78
HCD-MS/MS Scan:10888, Noise threshold:1.0
CID-MS/MS Scan:10889, Noise threshold:1.1
ETD-MS/MS Scan:10890, Noise threshold:1.9
Relative Intensity (%)
m/z
M+2H

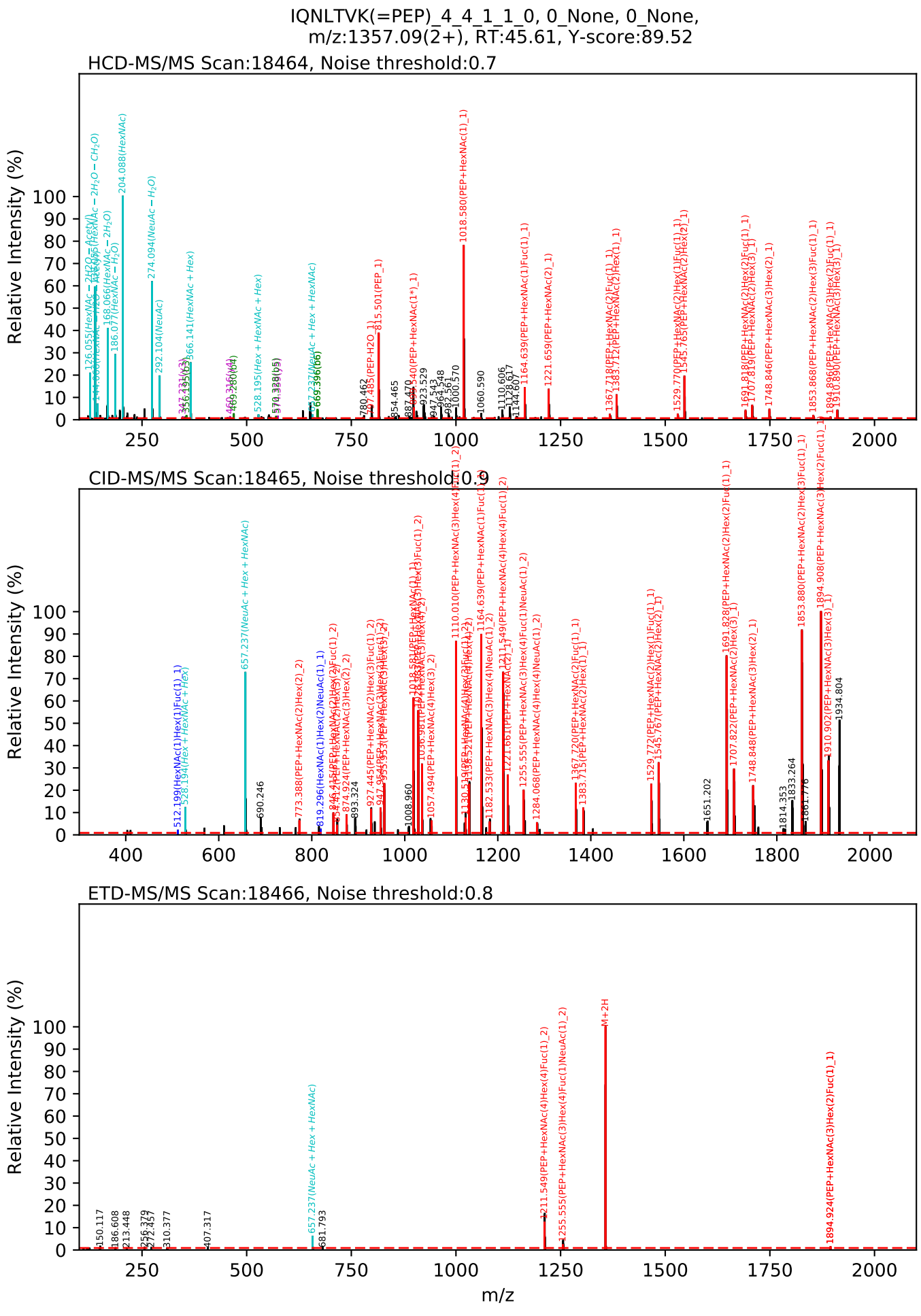

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:26.29, Y-score:92.82
HCD-MS/MS Scan:8672, Noise threshold:0.6
CID-MS/MS Scan:8673, Noise threshold:0.9
ETD-MS/MS Scan:8674, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H

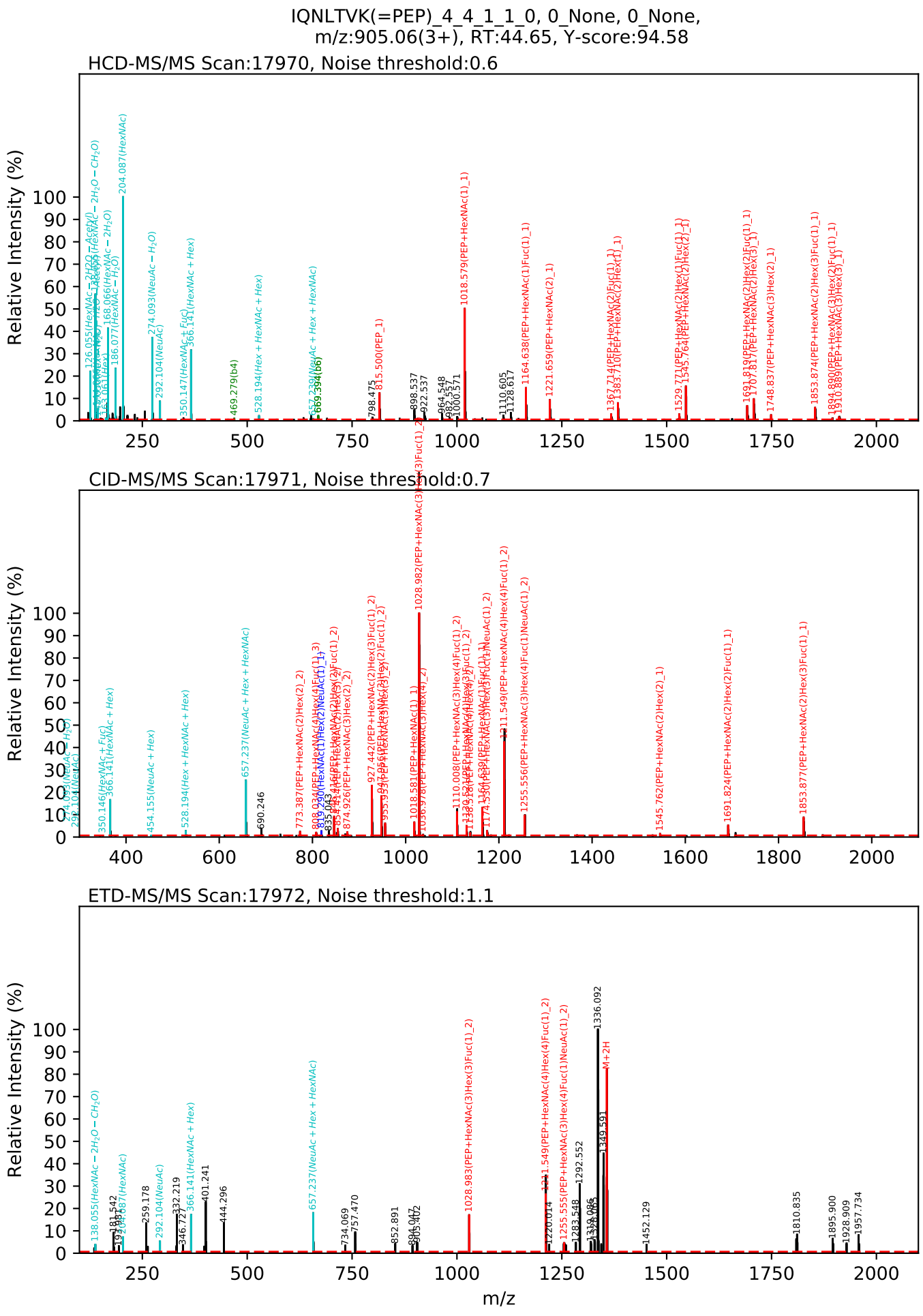

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:26.86, Y-score:93.87
HCD-MS/MS Scan:8965, Noise threshold:0.6
CID-MS/MS Scan:8963, Noise threshold:0.9
ETD-MS/MS Scan:8964, Noise threshold:0.4
Relative Intensity (%)
m/z

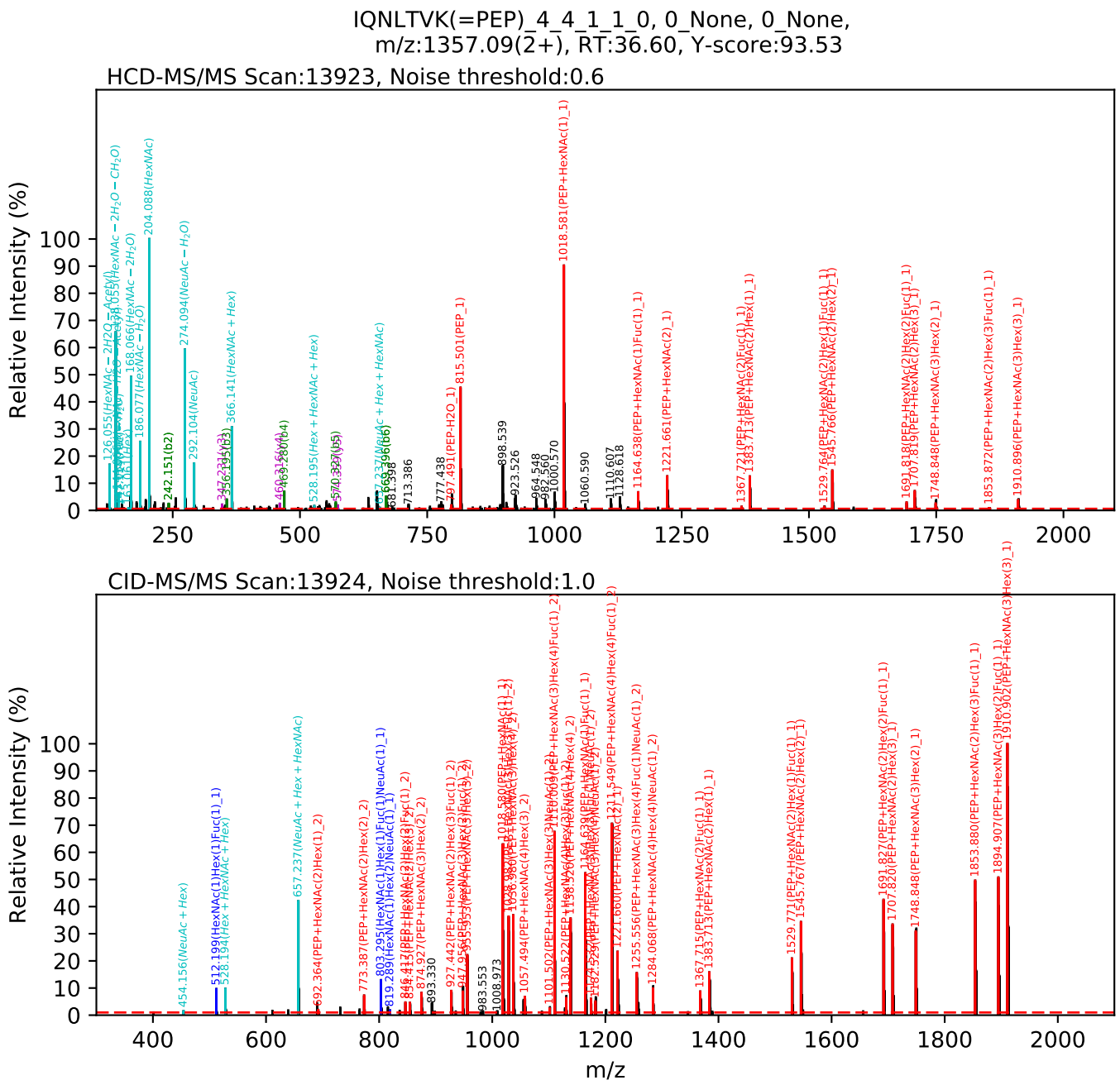

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:36.88, Y-score:91.18
HCD-MS/MS Scan:14070, Noise threshold:0.7
CID-MS/MS Scan:14071, Noise threshold:0.6
ETD-MS/MS Scan:14072, Noise threshold:0.5
Relative Intensity (%)
m/z

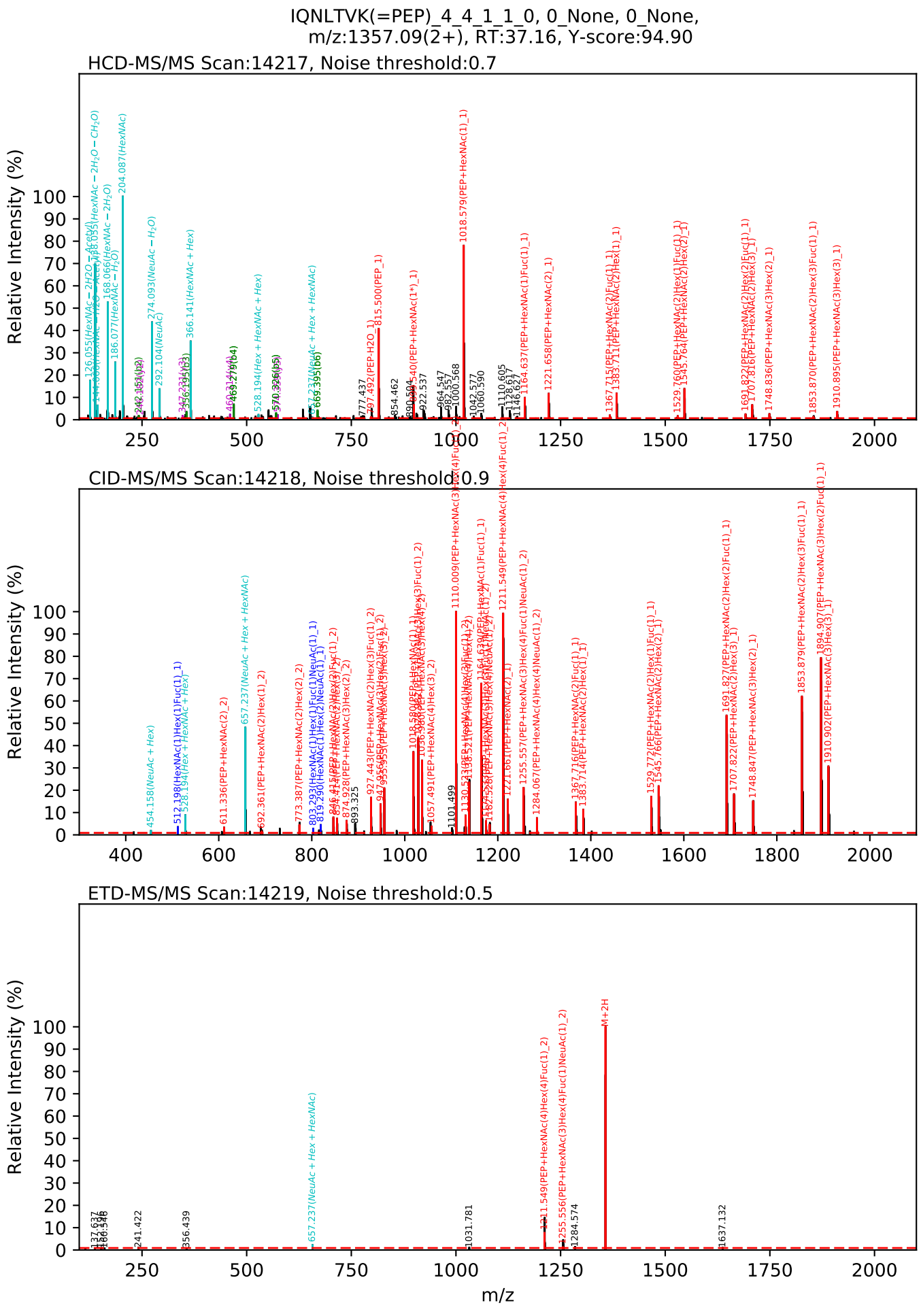

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:37.67, Y-score:91.43
HCD-MS/MS Scan:14480, Noise threshold:0.7
CID-MS/MS Scan:14481, Noise threshold:0.7
ETD-MS/MS Scan:14482, Noise threshold:0.7
Relative Intensity (%)
m/z

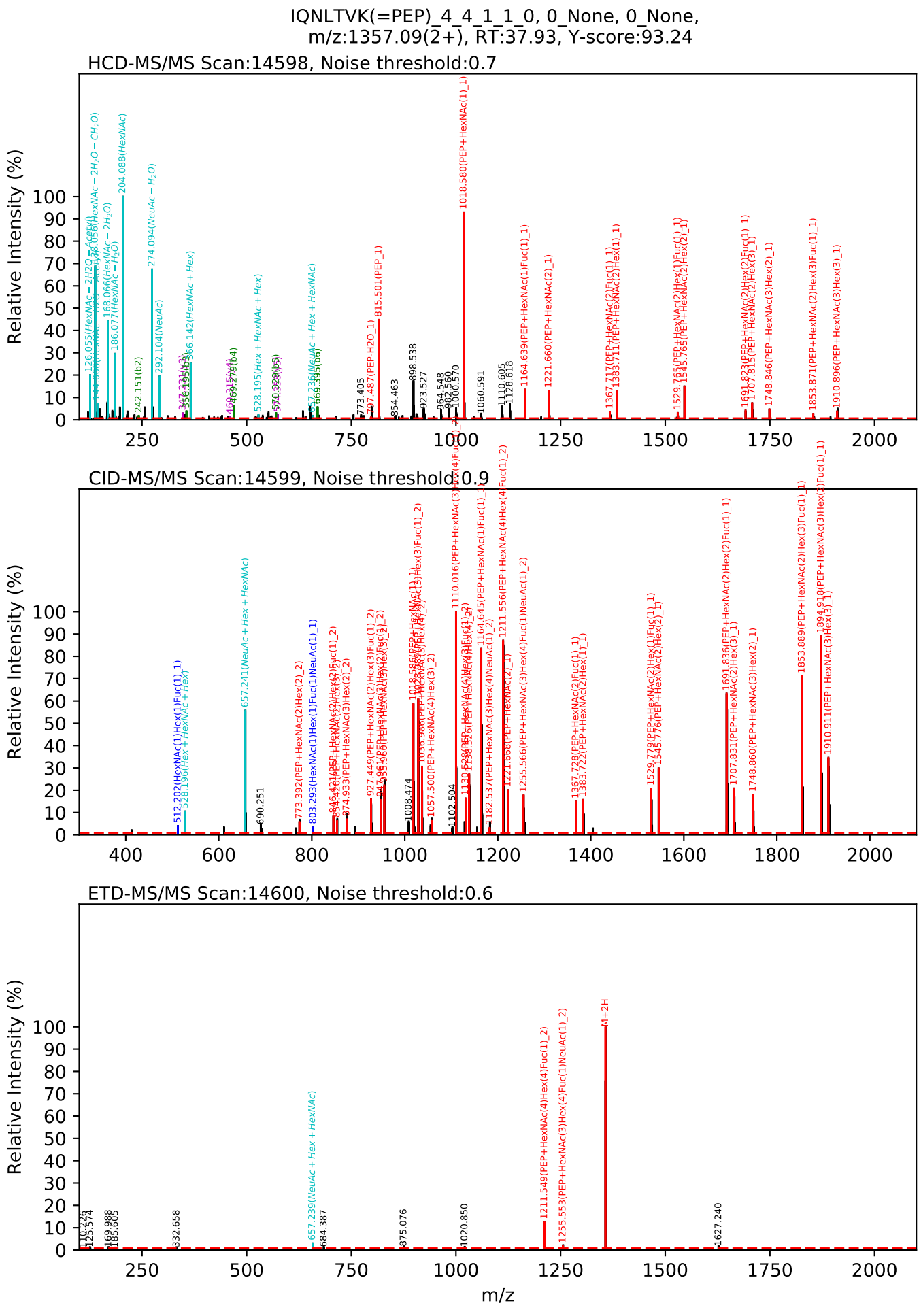

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:34.32, Y-score:93.44
HCD-MS/MS Scan:12740, Noise threshold:0.7
CID-MS/MS Scan:12741, Noise threshold:0.9
ETD-MS/MS Scan:12742, Noise threshold:1.2
Relative Intensity (%)
m/z

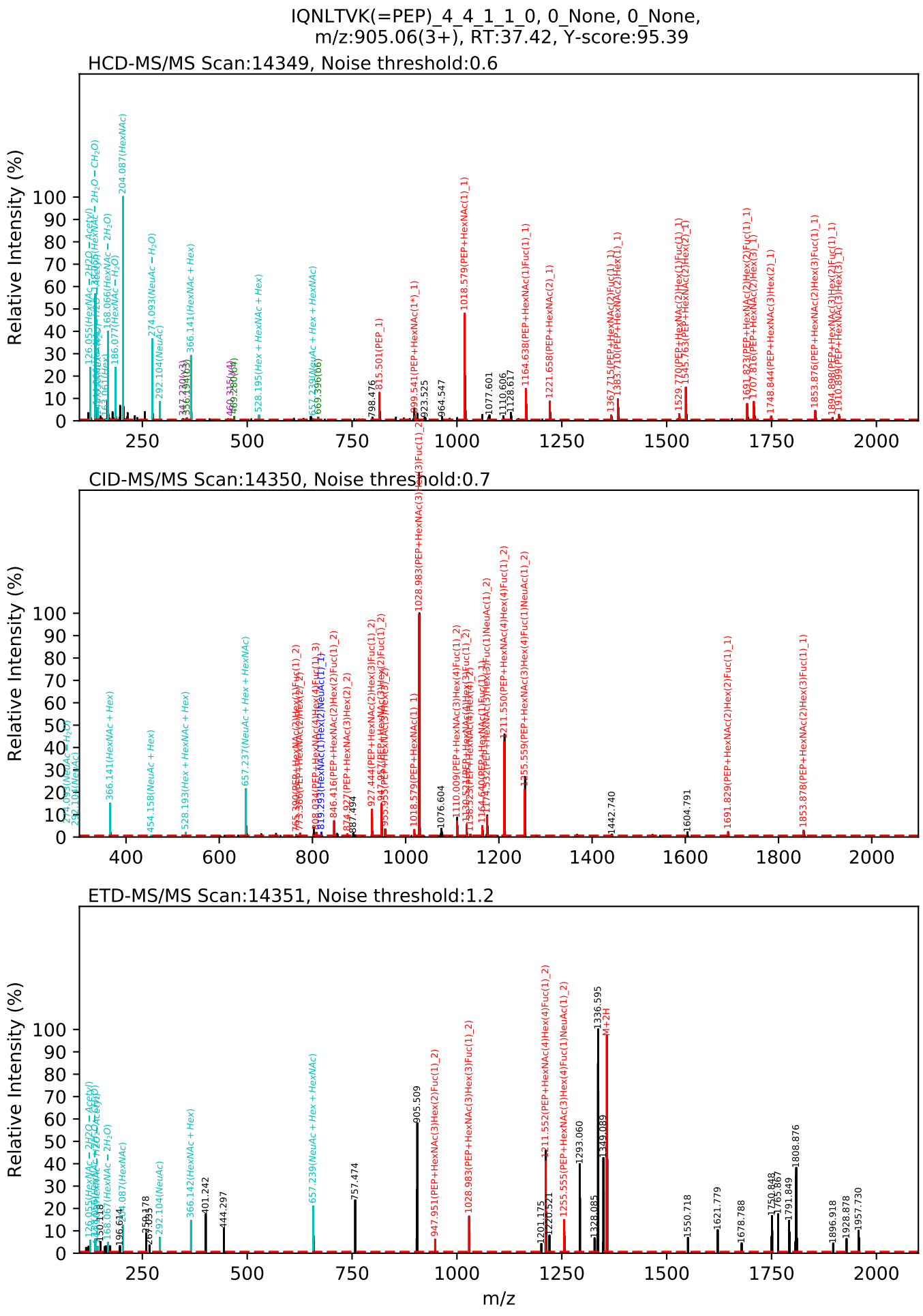

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.09(2+), RT:45.61, Y-score:89.52
HCD-MS/MS Scan:18464, Noise threshold:0.7
CID-MS/MS Scan:18465, Noise threshold:0.9
ETD-MS/MS Scan:18466, Noise threshold:0.8
Relative Intensity (%)
m/z

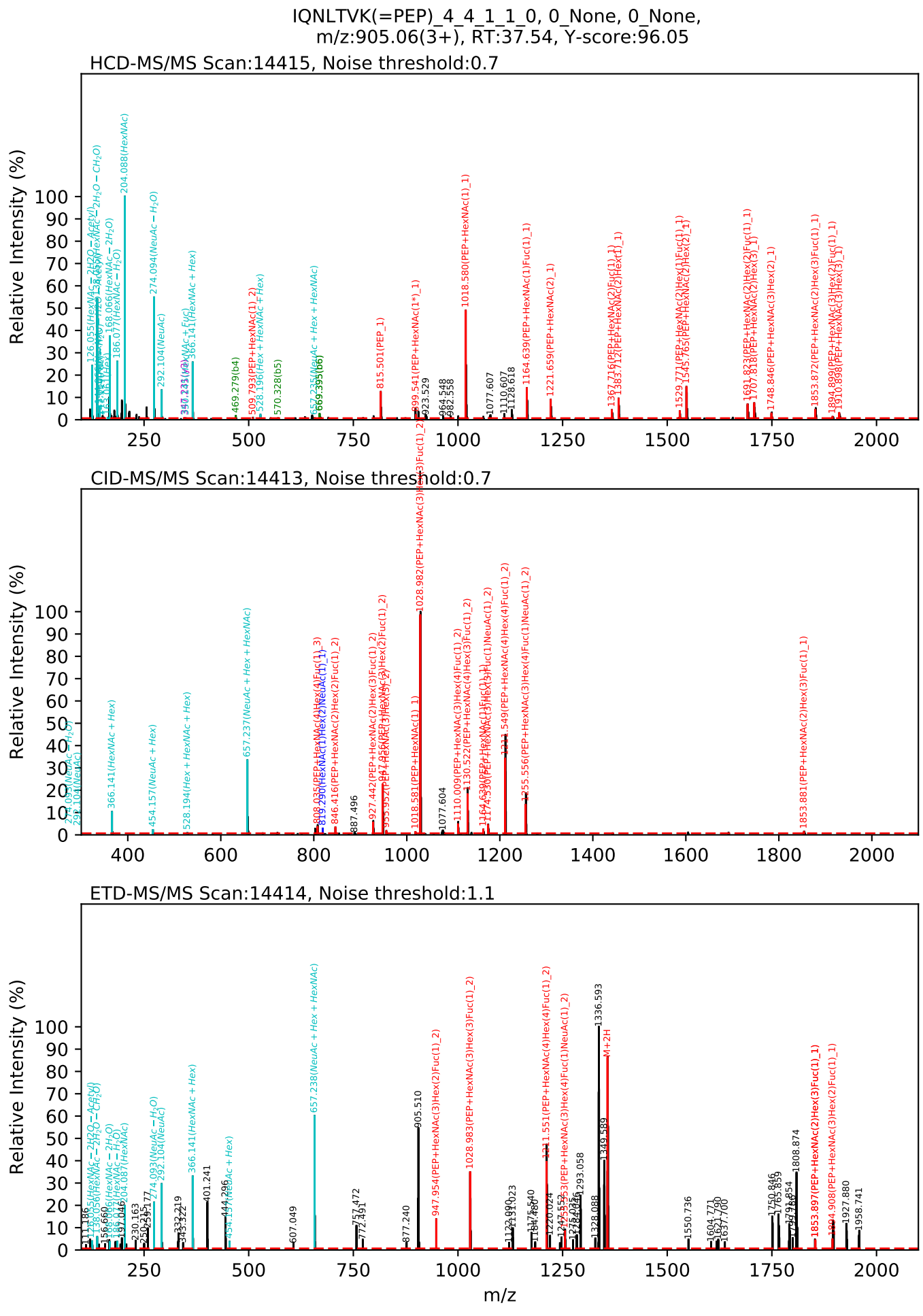

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.06(3+), RT:44.65, Y-score:94.58
HCD-MS/MS Scan:17970, Noise threshold:0.6
CID-MS/MS Scan:17971, Noise threshold:0.7
ETD-MS/MS Scan:17972, Noise threshold:1.1
Relative Intensity (%)
m/z

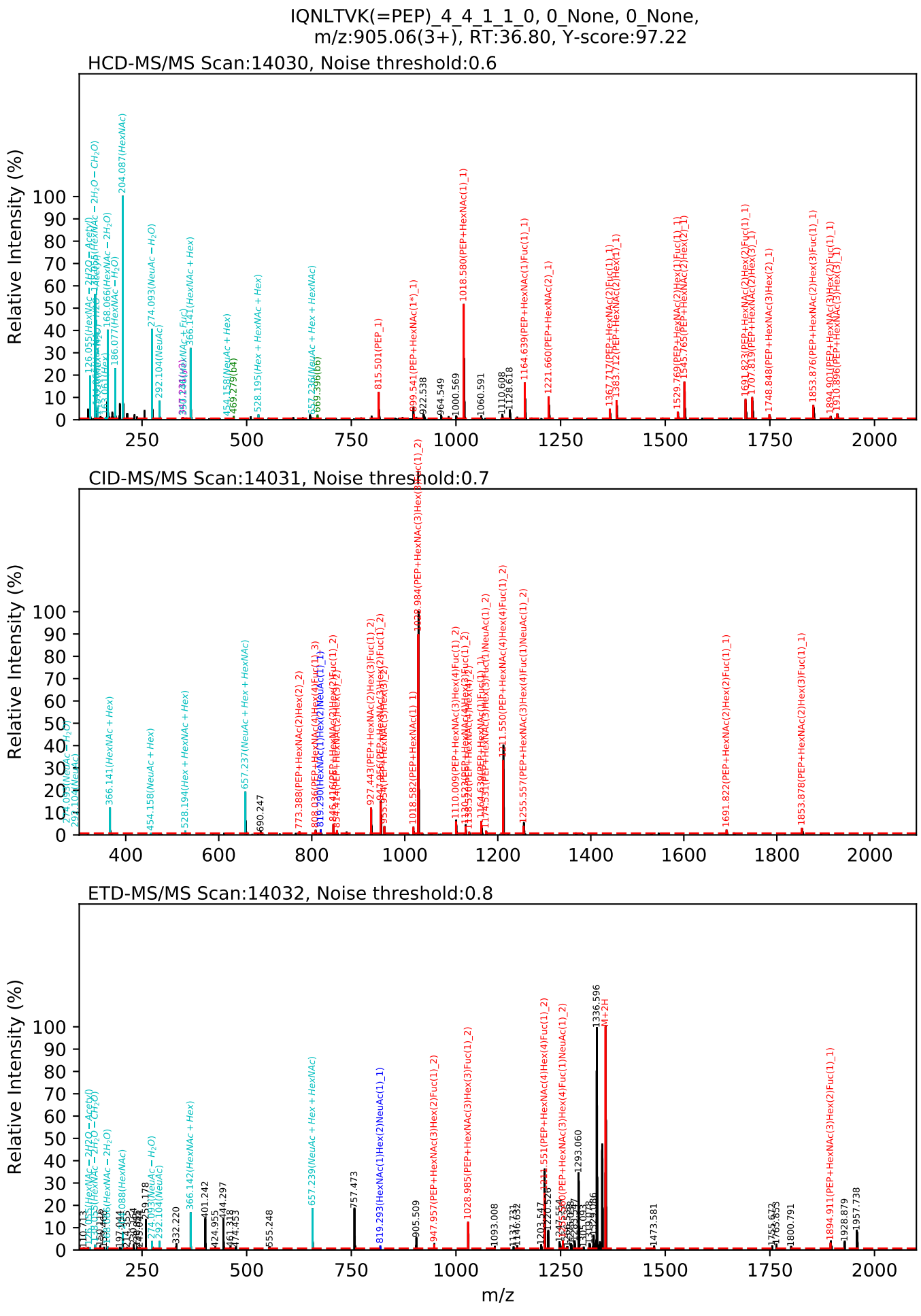

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.09(2+), RT:36.60, Y-score:93.53
HCD-MS/MS Scan:13923, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:13924, Noise threshold:1.0
Relative Intensity (%)
m/z

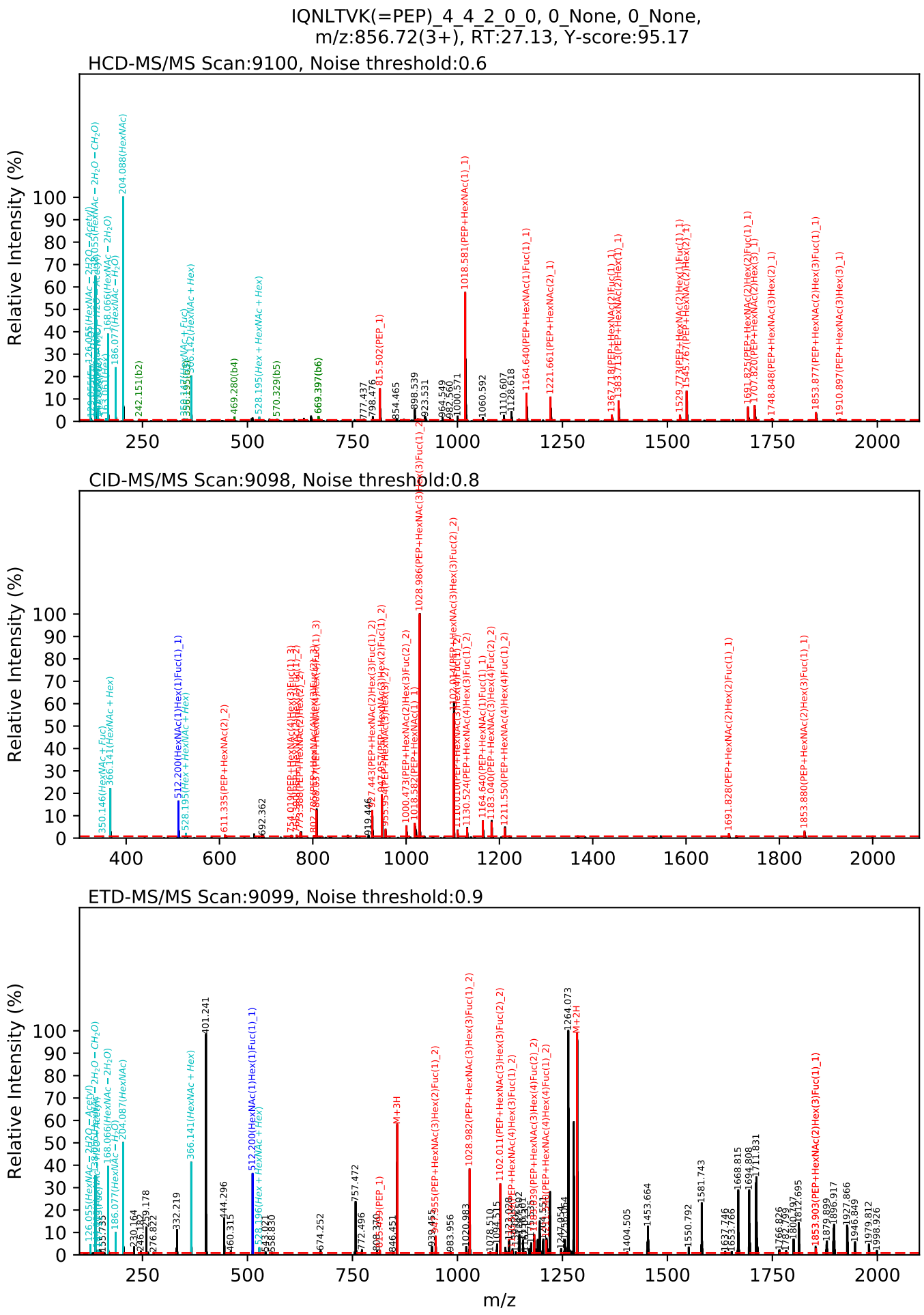

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.09(2+), RT:37.16, Y-score:94.90
HCD-MS/MS Scan:14217, Noise threshold:0.7
CID-MS/MS Scan:14218, Noise threshold:0.9
ETD-MS/MS Scan:14219, Noise threshold:0.5
Relative Intensity (%)
m/z

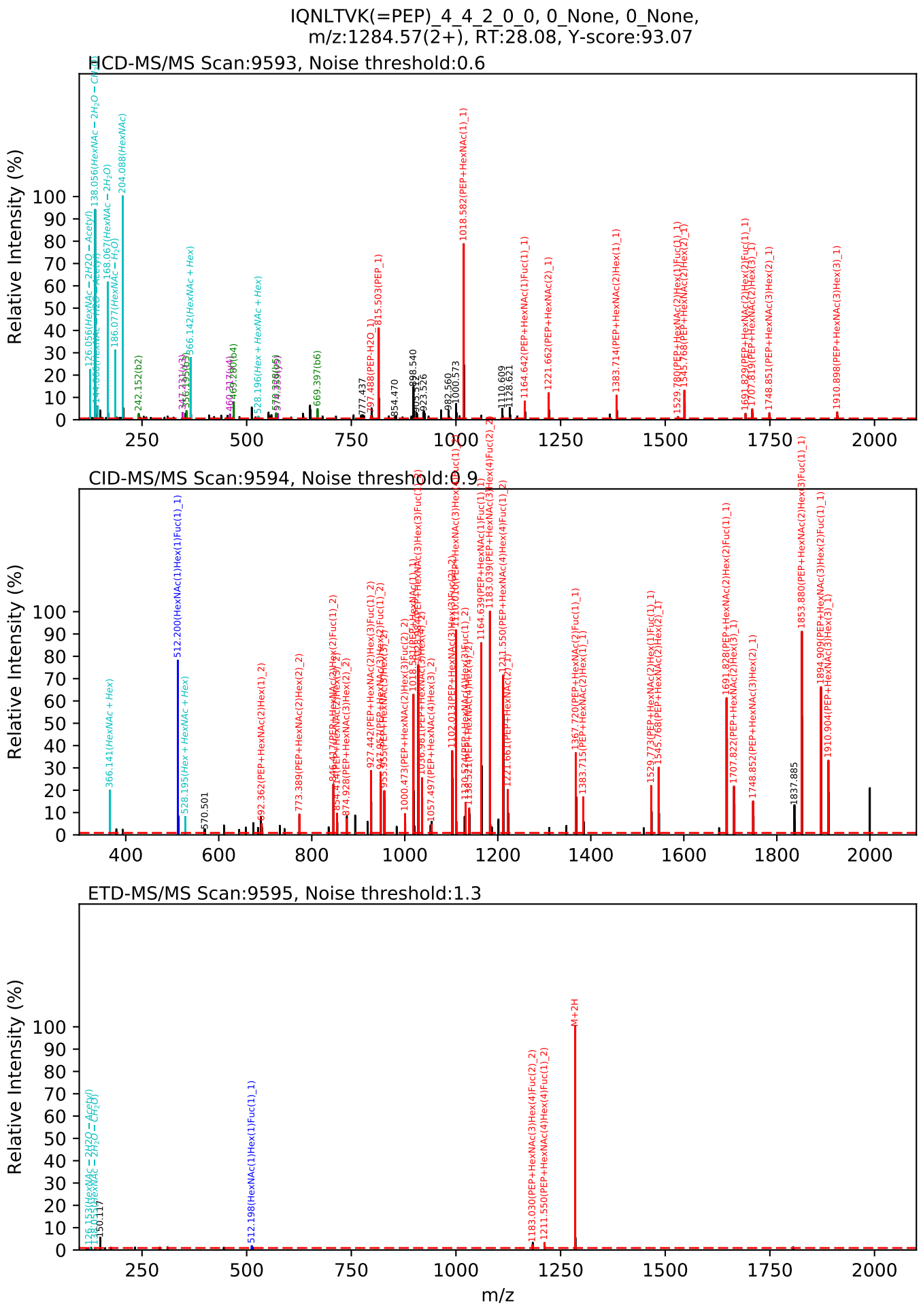

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.09(2+), RT:37.93, Y-score:93.24
HCD-MS/MS Scan:14598, Noise threshold:0.7
CID-MS/MS Scan:14599, Noise threshold:0.9
ETD-MS/MS Scan:14600, Noise threshold:0.6
Relative Intensity (%)
m/z

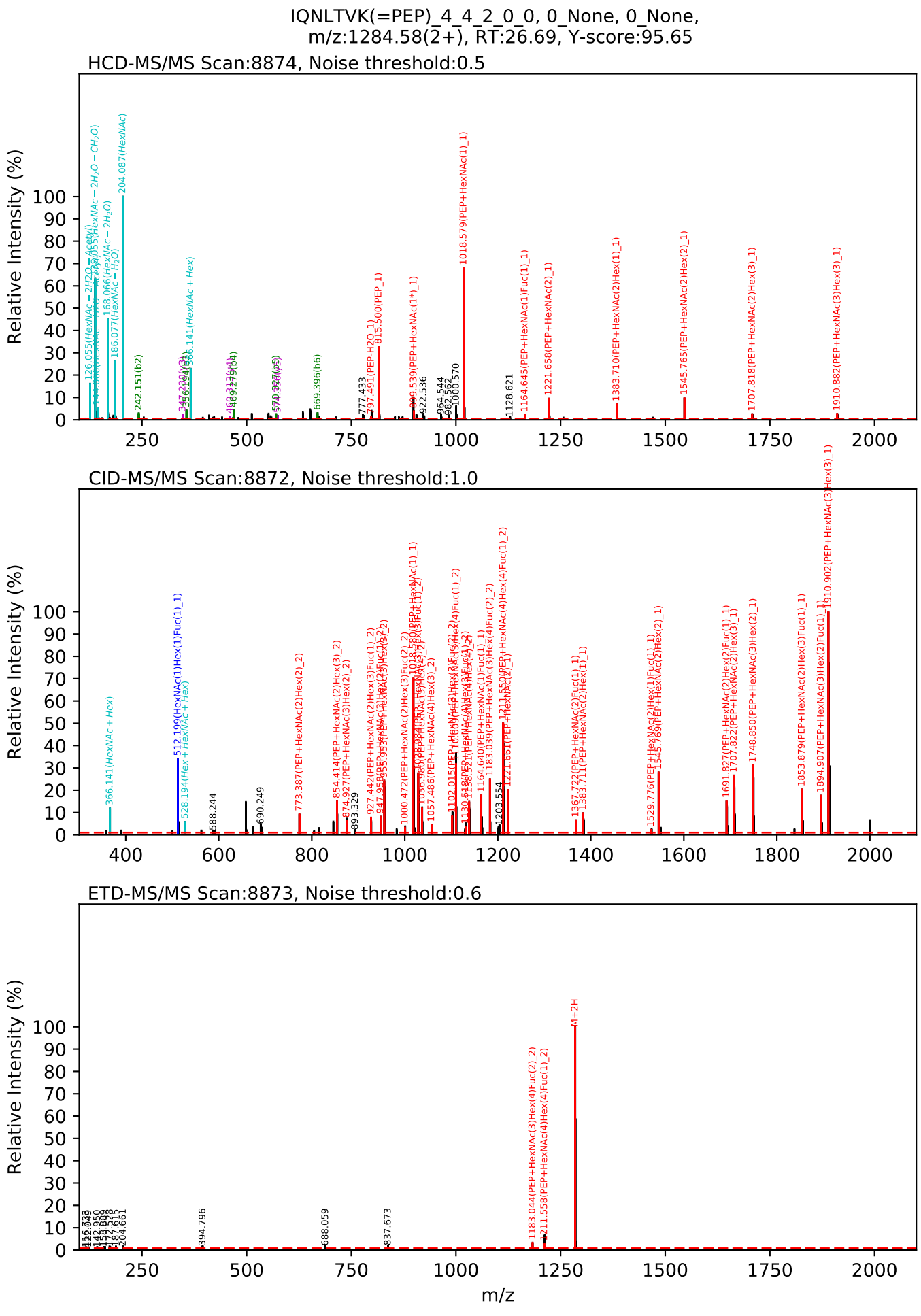

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.06(3+), RT:37.42, Y-score:95.39
HCD-MS/MS Scan:14349, Noise threshold:0.6
CID-MS/MS Scan:14350, Noise threshold:0.7
ETD-MS/MS Scan:14351, Noise threshold:1.2
Relative Intensity (%)
m/z

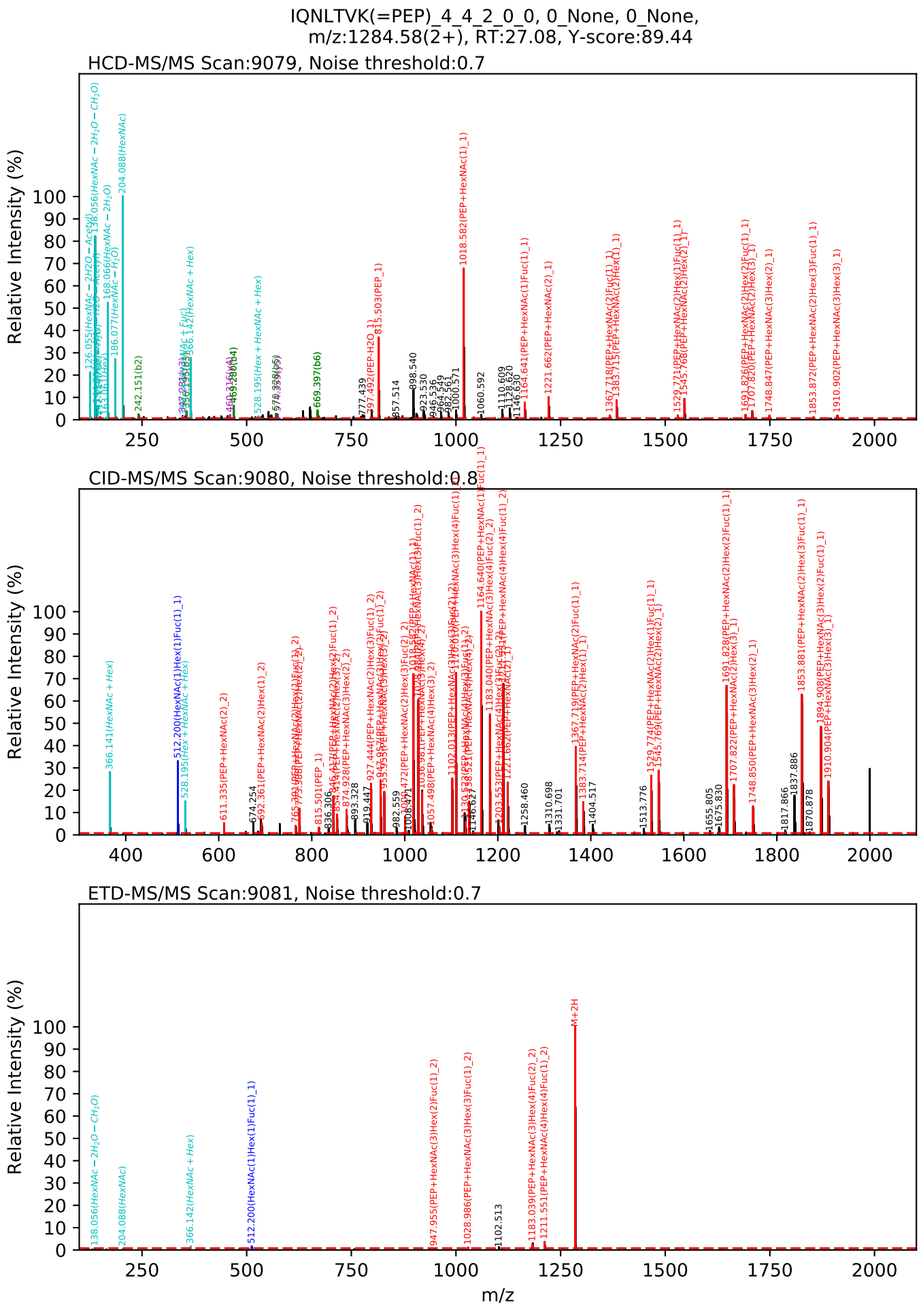

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.06(3+), RT:37.54, Y-score:96.05
HCD-MS/MS Scan:14415, Noise threshold:0.7
CID-MS/MS Scan:14413, Noise threshold:0.7
ETD-MS/MS Scan:14414, Noise threshold:1.1
Relative Intensity (%)
m/z

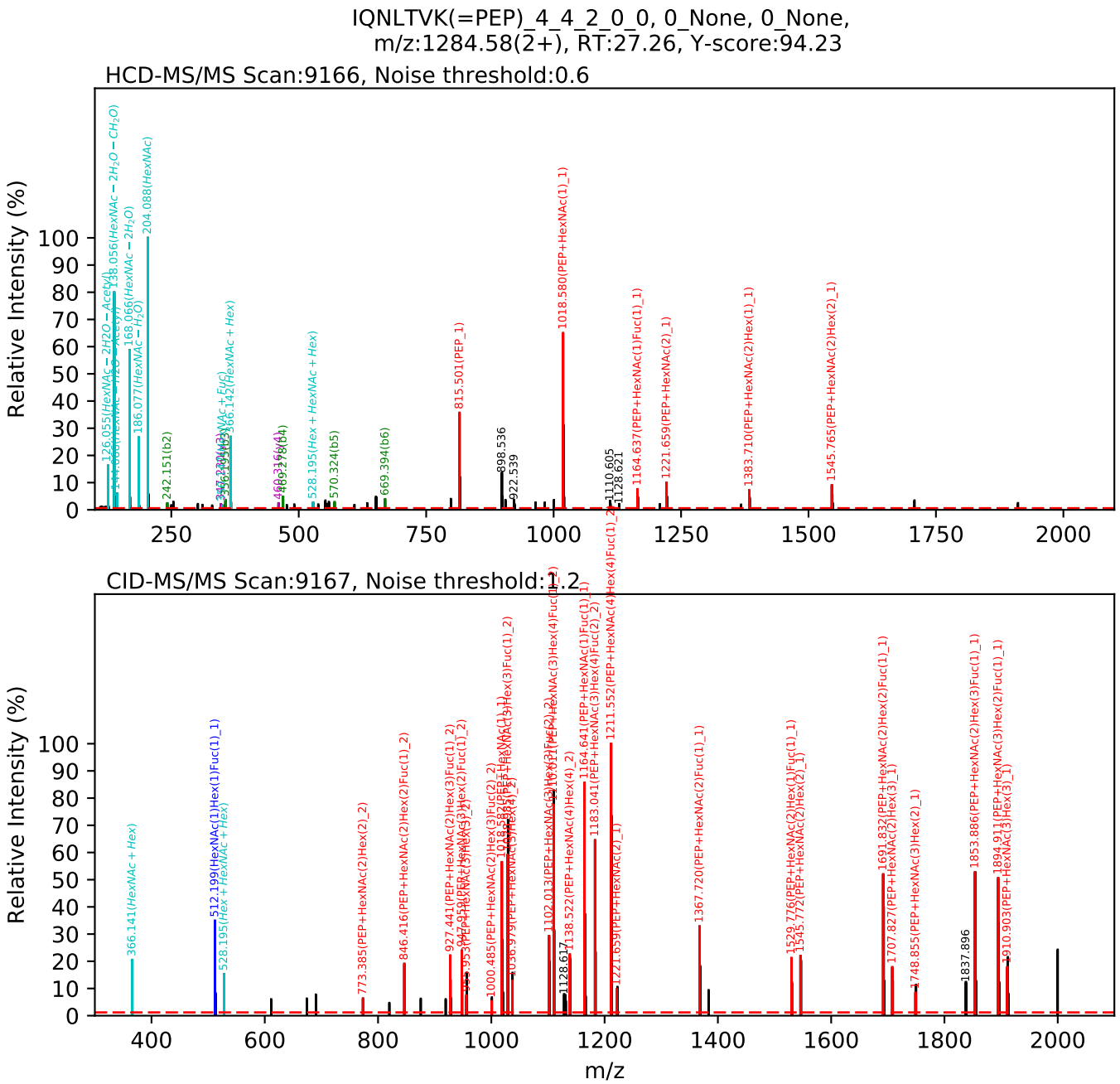

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.06(3+), RT:36.80, Y-score:97.22
HCD-MS/MS Scan:14030, Noise threshold:0.6
CID-MS/MS Scan:14031, Noise threshold:0.7
ETD-MS/MS Scan:14032, Noise threshold:0.8
Relative Intensity (%)
m/z

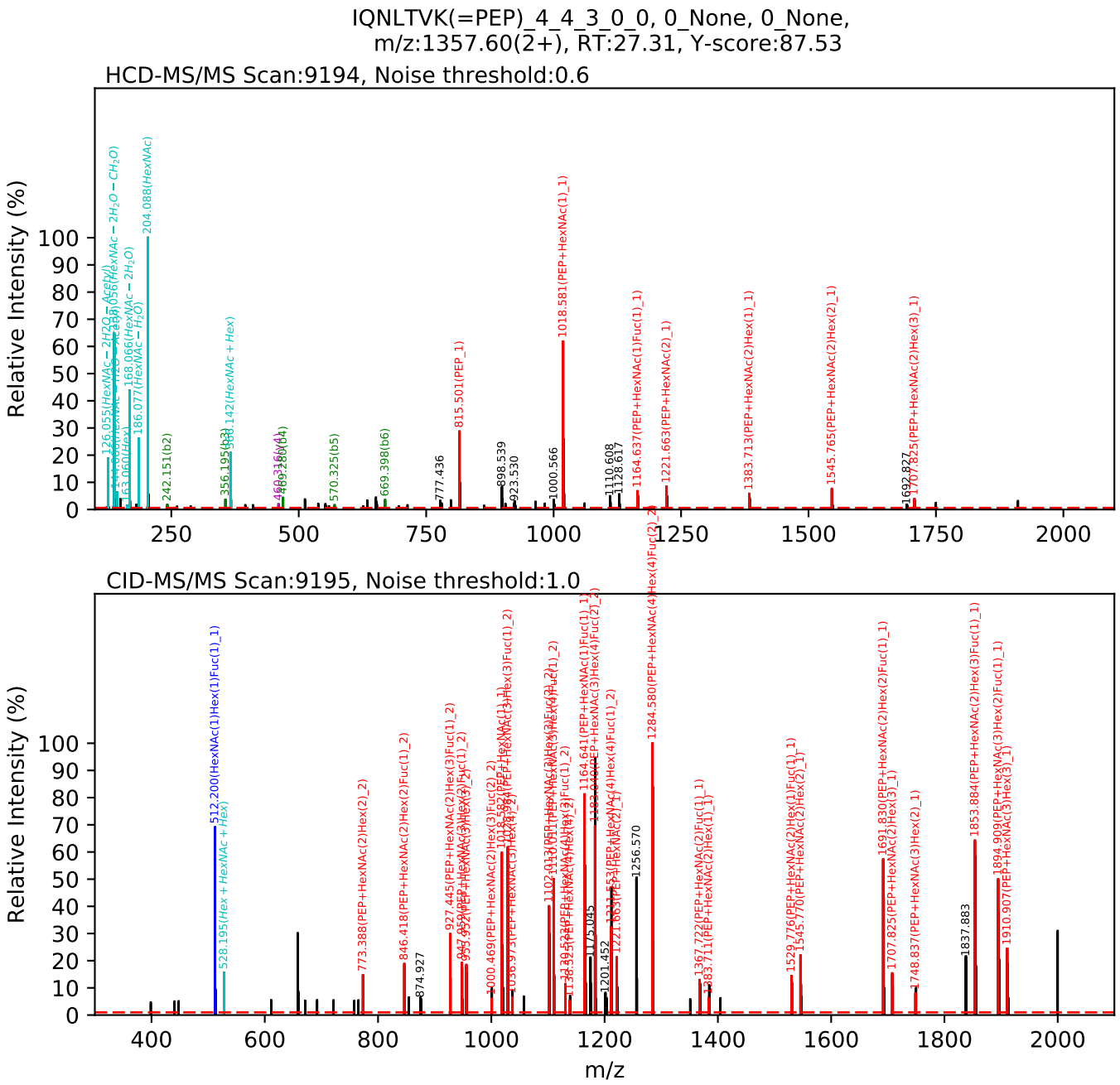

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:856.72(3+), RT:27.13, Y-score:95.17
HCD-MS/MS Scan:9100, Noise threshold:0.6
CID-MS/MS Scan:9098, Noise threshold:0.8
ETD-MS/MS Scan:9099, Noise threshold:0.9
Relative Intensity (%)
m/z

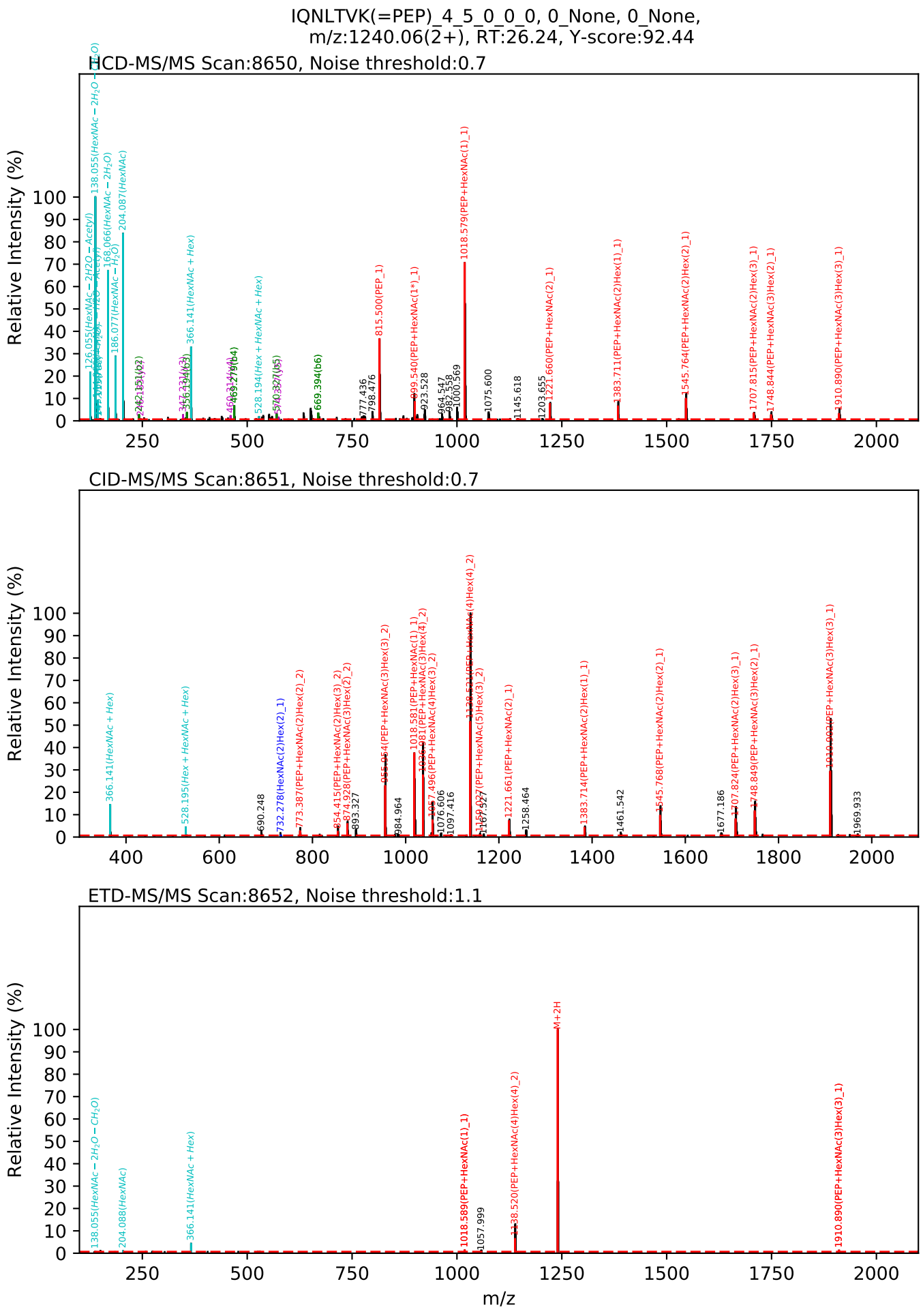

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.57(2+), RT:28.08, Y-score:93.07
HCD-MS/MS Scan:9593, Noise threshold:0.6
CID-MS/MS Scan:9594, Noise threshold:0.9
ETD-MS/MS Scan:9595, Noise threshold:1.3
Relative Intensity (%)
m/z

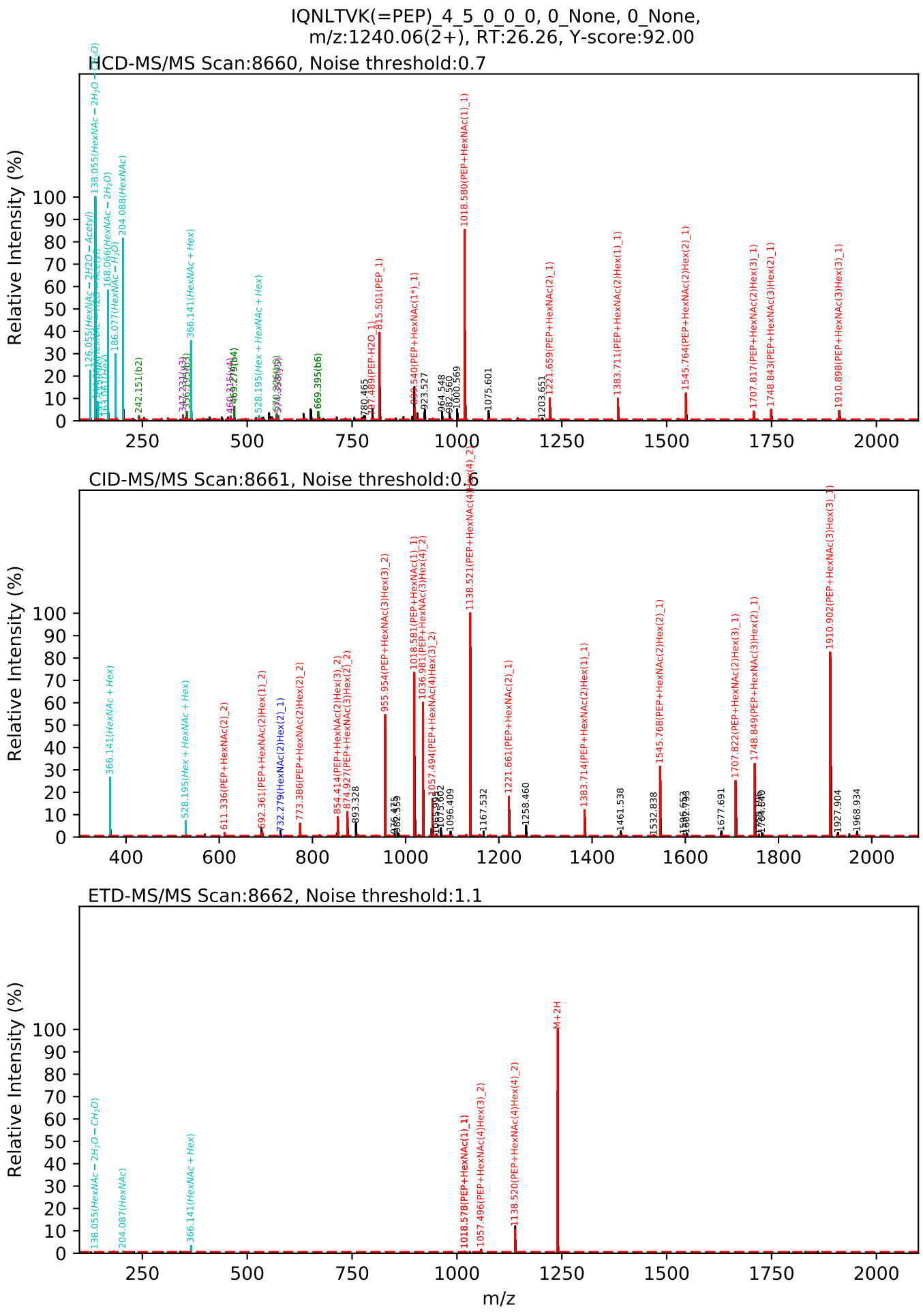

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.58(2+), RT:26.69, Y-score:95.65
HCD-MS/MS Scan:8874, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:8872, Noise threshold:1.0
Relative Intensity (%)
ETD-MS/MS Scan:8873, Noise threshold:0.6
Relative Intensity (%)
m/z

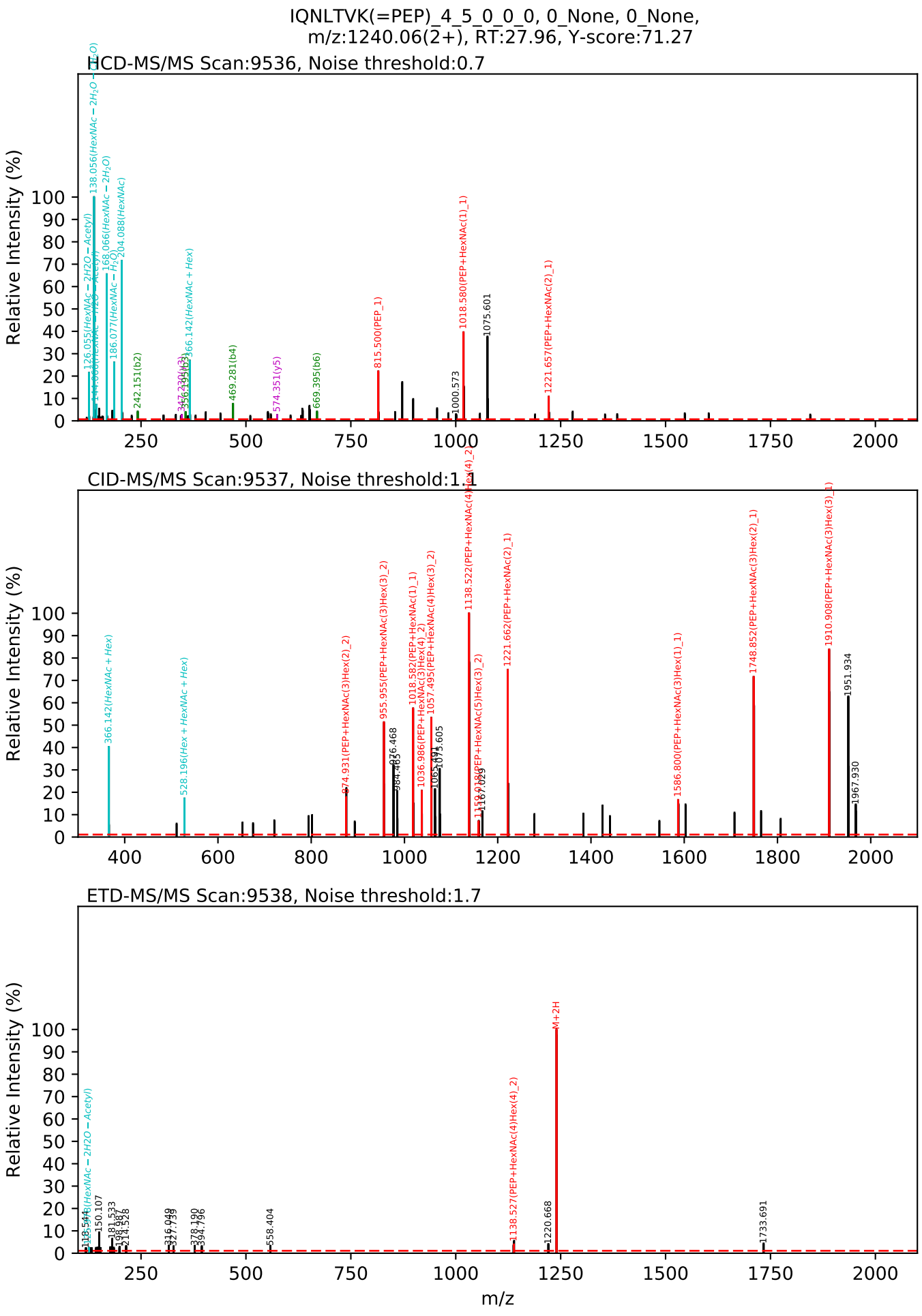

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.58(2+), RT:27.08, Y-score:89.44
HCD-MS/MS Scan:9079, Noise threshold:0.7
CID-MS/MS Scan:9080, Noise threshold:0.8
ETD-MS/MS Scan:9081, Noise threshold:0.7
Relative Intensity (%)
m/z

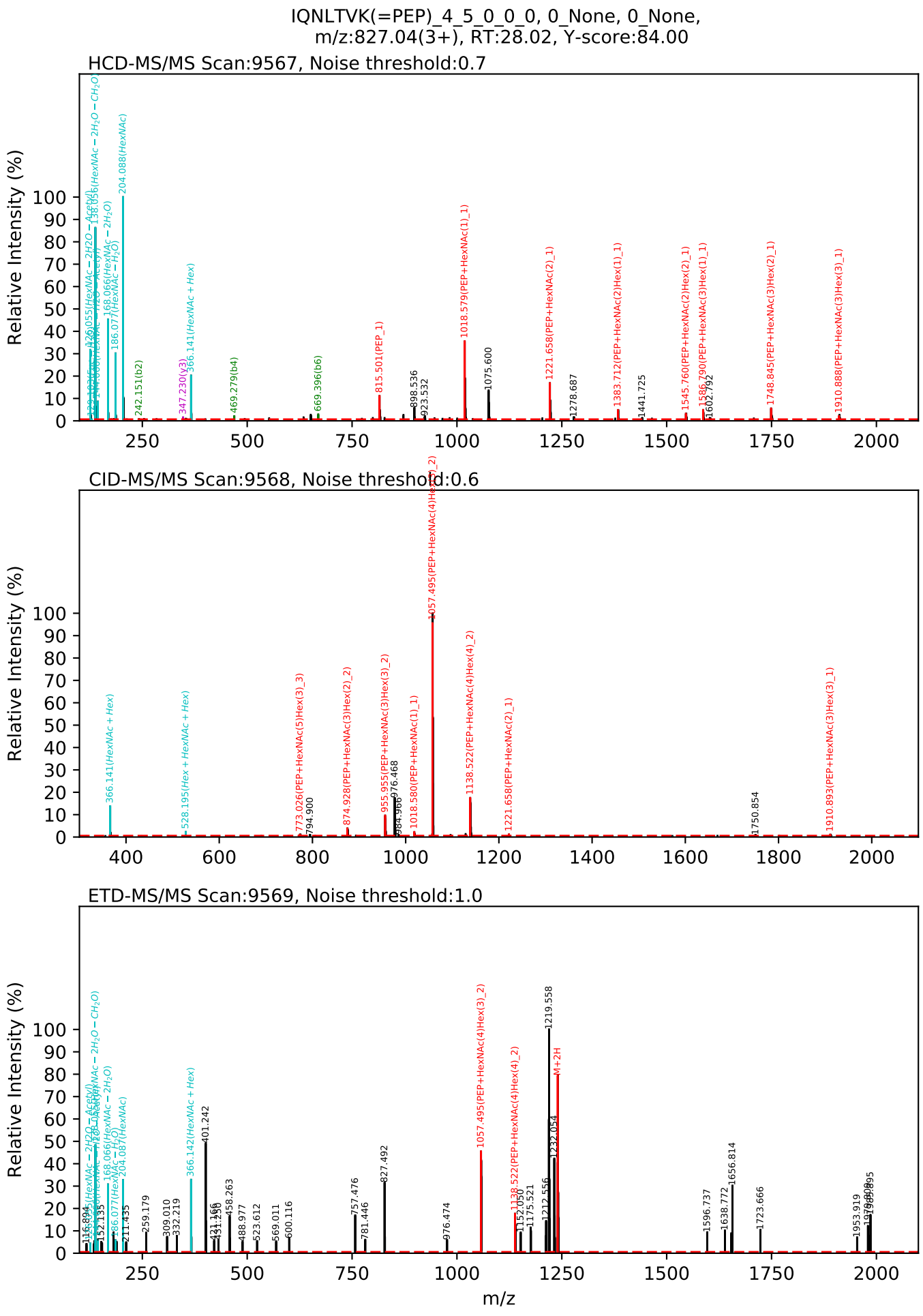

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.58(2+), RT:27.26, Y-score:94.23
HCD-MS/MS Scan:9166, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
460.316(b4)
469.278(b4)
528.195(Hex + HexNAc + Hex)
570.324(b5)
669.394(b6)
815.501(PEP_1)
898.536
922.539
1018.580(PEP+HexNAc(1)_1)
1110.605
1128.621
1164.637(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:9167, Noise threshold:1.2
Relative Intensity (%)
366.141(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.195(Hex + HexNAc + Hex)
773.385(PEP+HexNAc(2)Hex(2)_2)
846.416(PEP+HexNAc(2)Hex(2)Fuc(1)_2)
927.441(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1000.485(PEP+HexNAc(2)Hex(3)Fuc(2)_2)
1056.979(PEP+HexNAc(3)Hex(4)_2)
1102.013(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1128.617
1138.522(PEP+HexNAc(4)Hex(4)_2)
1164.641(PEP+HexNAc(1)Fuc(1)_2)
1183.041(PEP+HexNAc(3)Hex(4)Fuc(2)_2)
1211.552(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1221.639(PEP+HexNAc(2)_1)
1367.720(PEP+HexNAc(2)Fuc(1)_1)
1529.776(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1545.772(PEP+HexNAc(2)Hex(2)_1)
1691.832(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.827(PEP+HexNAc(2)Hex(3)_1)
1748.855(PEP+HexNAc(3)Hex(2)_1)
1837.896
1853.886(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1894.911(PEP+HexNAc(3)Hex(2)Fuc(1)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
m/z

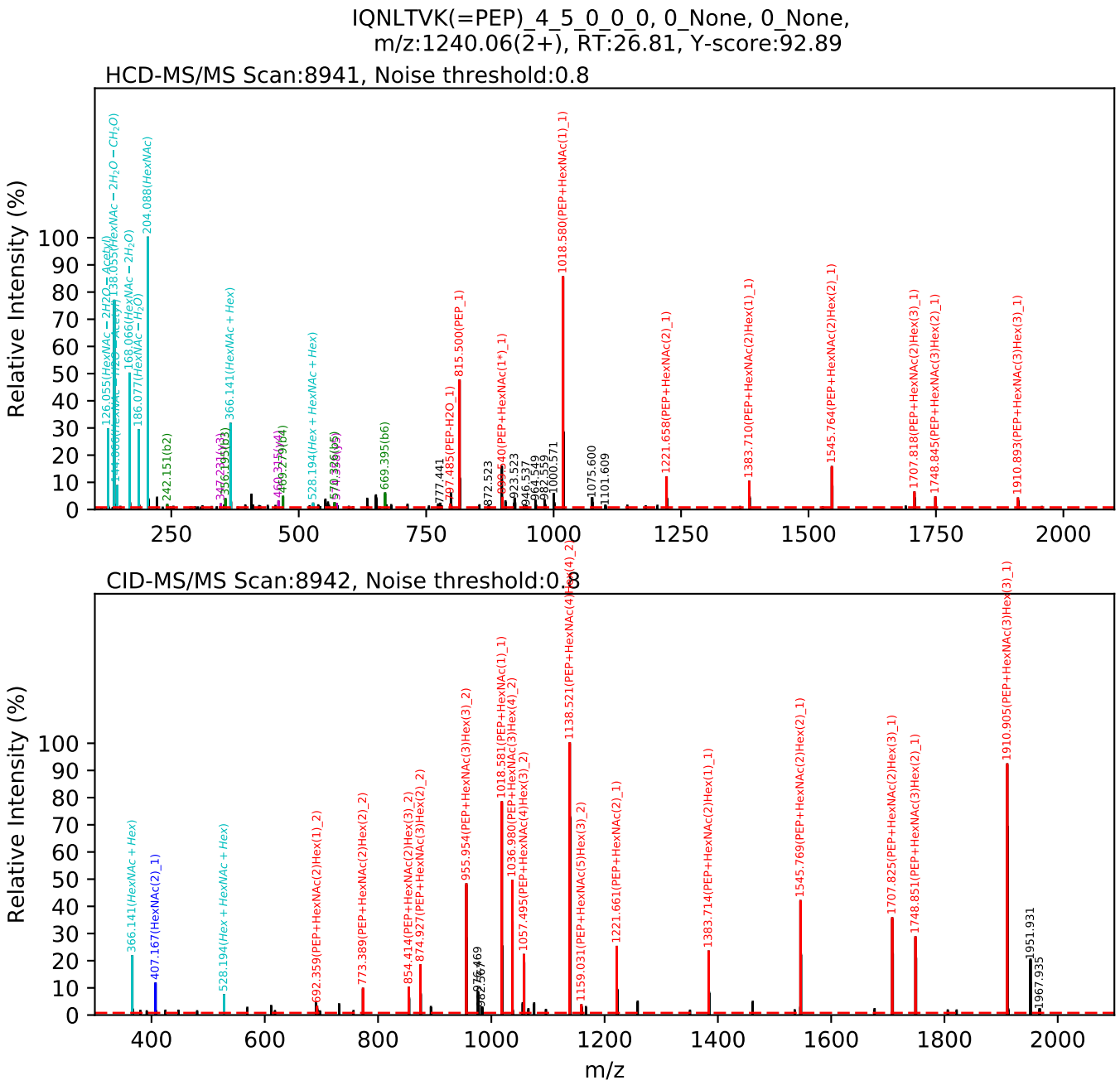

IQNLTVK(=PEP)_4_4_3_0_0, 0_None, 0_None,
m/z:1357.60(2+), RT:27.31, Y-score:87.53
HCD-MS/MS Scan:9194, Noise threshold:0.6
Relative Intensity (%)
242.151(b2)
356.195(b3)
815.501(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1164.637(PEP+HexNAc(1)Fuc(1)_1)
1221.663(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.825(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:9195, Noise threshold:1.0
Relative Intensity (%)
m/z
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
528.195(Hex + HexNAc + Hex)
773.388(PEP+HexNAc(2)Hex(2)_2)
846.418(PEP+HexNAc(2)Hex(2)Fuc(1)_2)
874.927
927.445(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1284.580(PEP+HexNAc(4)Hex(4)Fuc(2)_2)
1256.570
1691.830(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.825(PEP+HexNAc(2)Hex(3)_1)
1748.837(PEP+HexNAc(3)Hex(2)_1)
1837.883
1853.884(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1894.909(PEP+HexNAc(3)Hex(2)Fuc(1)_1)
1910.907(PEP+HexNAc(3)Hex(3)_1)

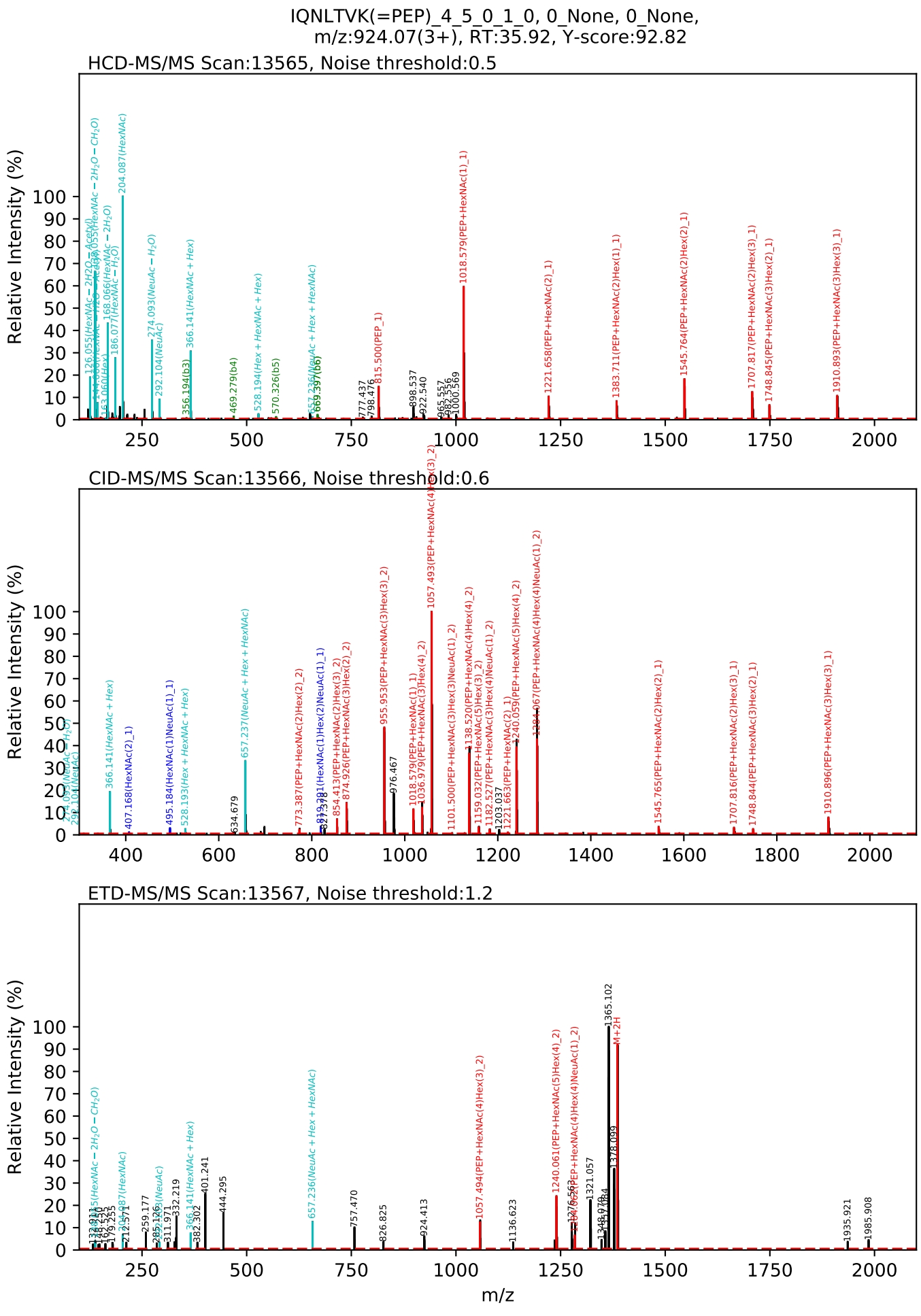

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:26.24, Y-score:92.44
HCD-MS/MS Scan:8650, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:8651, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:8652, Noise threshold:1.1
Relative Intensity (%)
m/z

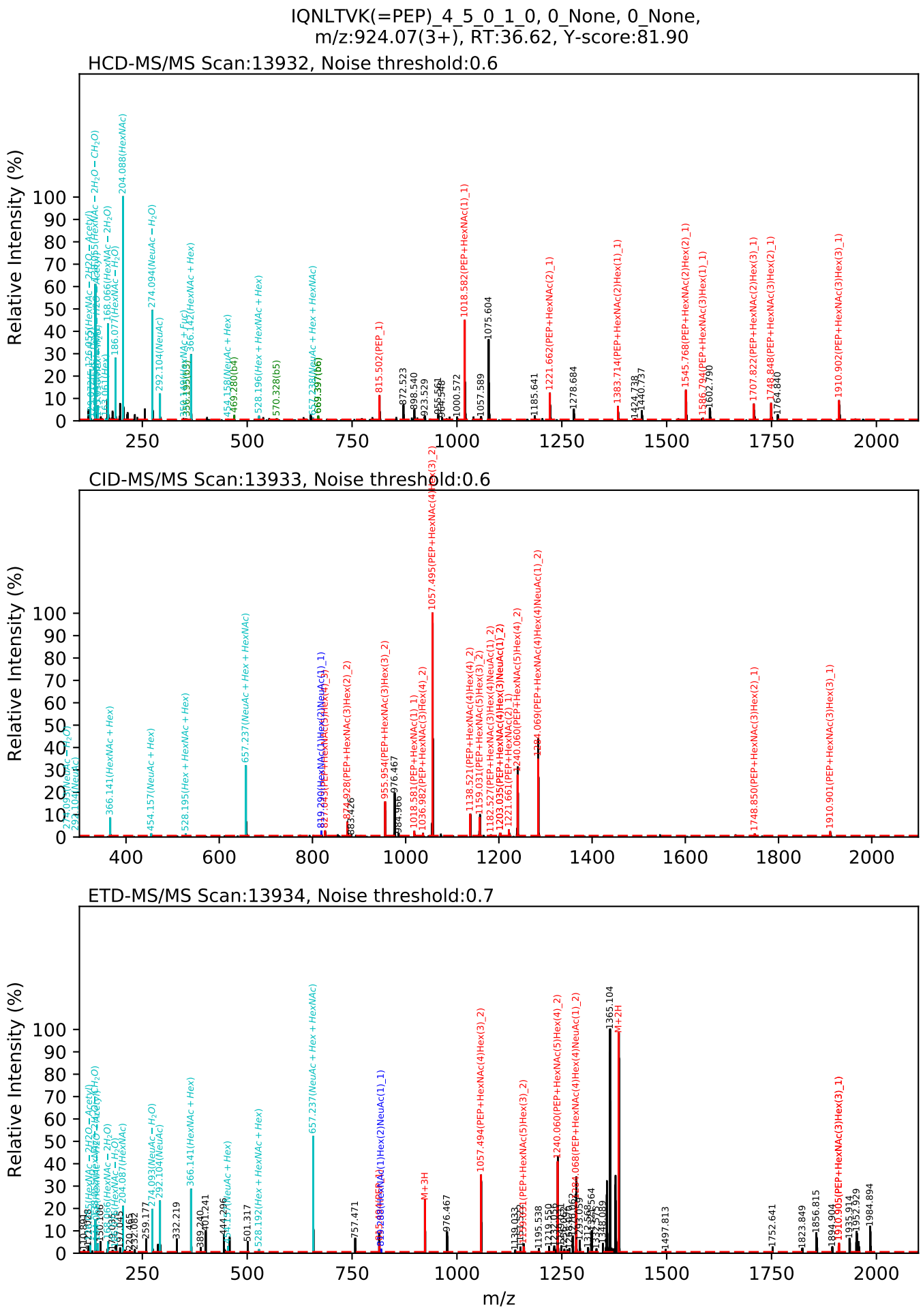

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:26.26, Y-score:92.00
HCD-MS/MS Scan:8660, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:8661, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:8662, Noise threshold:1.1
Relative Intensity (%)
m/z

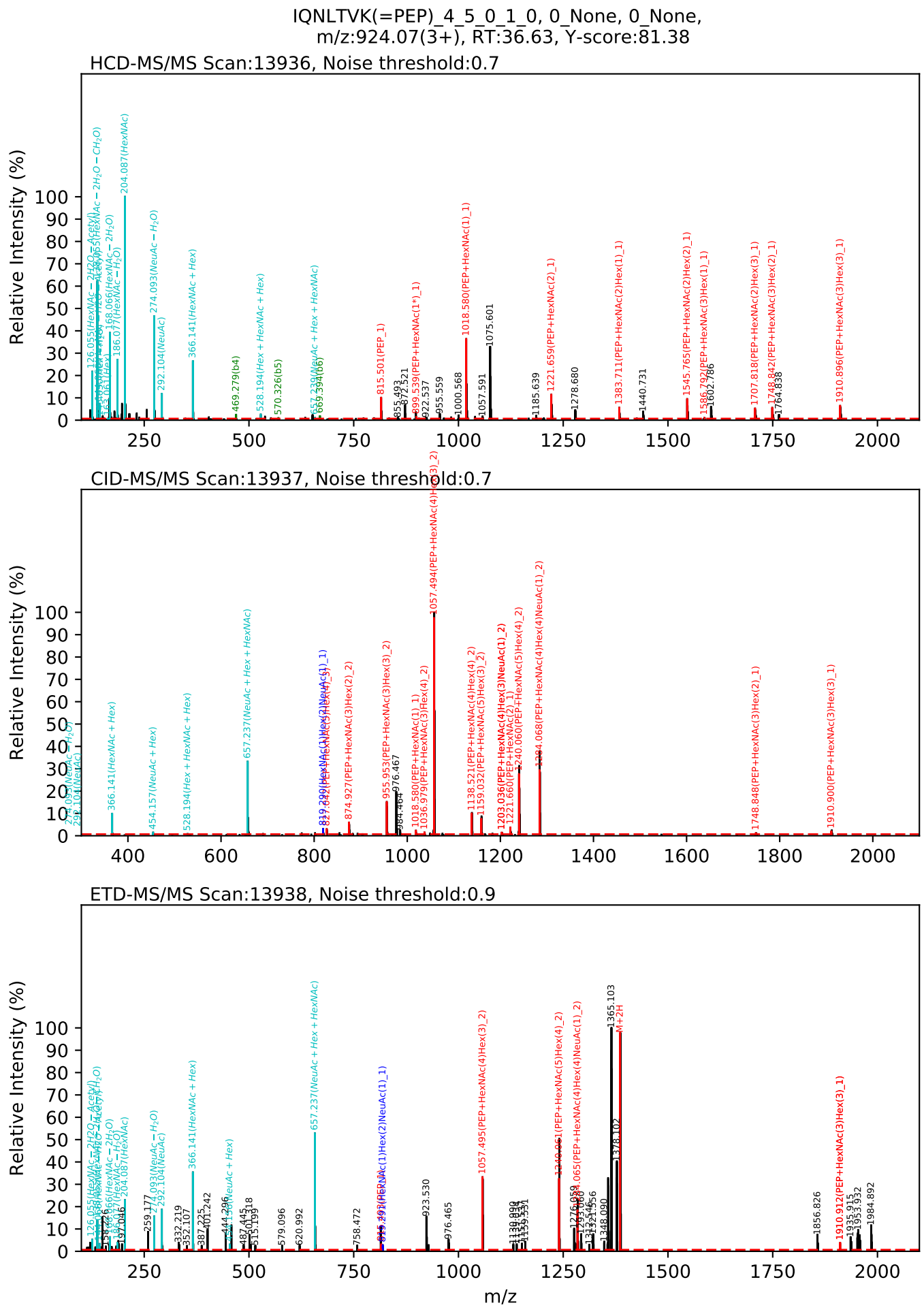

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:27.96, Y-score:71.27
HCD-MS/MS Scan:9536, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O)
168.066(HexNAc − H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
347.230(y3)
366.142(HexNAc + Hex)
469.281(b4)
574.351(y5)
669.395(b6)
815.500(PEP_1)
1000.573
1018.580(PEP+HexNAc(1)_1)
1075.601
1221.657(PEP+HexNAc(2)_1)
CID-MS/MS Scan:9537, Noise threshold:1.1
Relative Intensity (%)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
874.931(PEP+HexNAc(3)Hex(2)_2)
955.955(PEP+HexNAc(3)Hex(3)_2)
976.468
1018.582(PEP+HexNAc(1)_1)
1036.986(PEP+HexNAc(3)Hex(4)_2)
1057.495(PEP+HexNAc(4)Hex(3)_2)
1138.522(PEP+HexNAc(4)Hex(4)_2)
1221.662(PEP+HexNAc(2)_1)
1586.800(PEP+HexNAc(3)Hex(1)_1)
1748.852(PEP+HexNAc(3)Hex(2)_1)
1910.908(PEP+HexNAc(3)Hex(3)_1)
1951.934
1967.930
ETD-MS/MS Scan:9538, Noise threshold:1.7
Relative Intensity (%)
M+2H
118.544(HexNAc − 2H2O − Acetyl)
150.107
181.533
198.987
214.528
316.949
327.739
378.190
394.796
558.404
1138.527(PEP+HexNAc(4)Hex(4)_2)
1220.668
1733.691
m/z

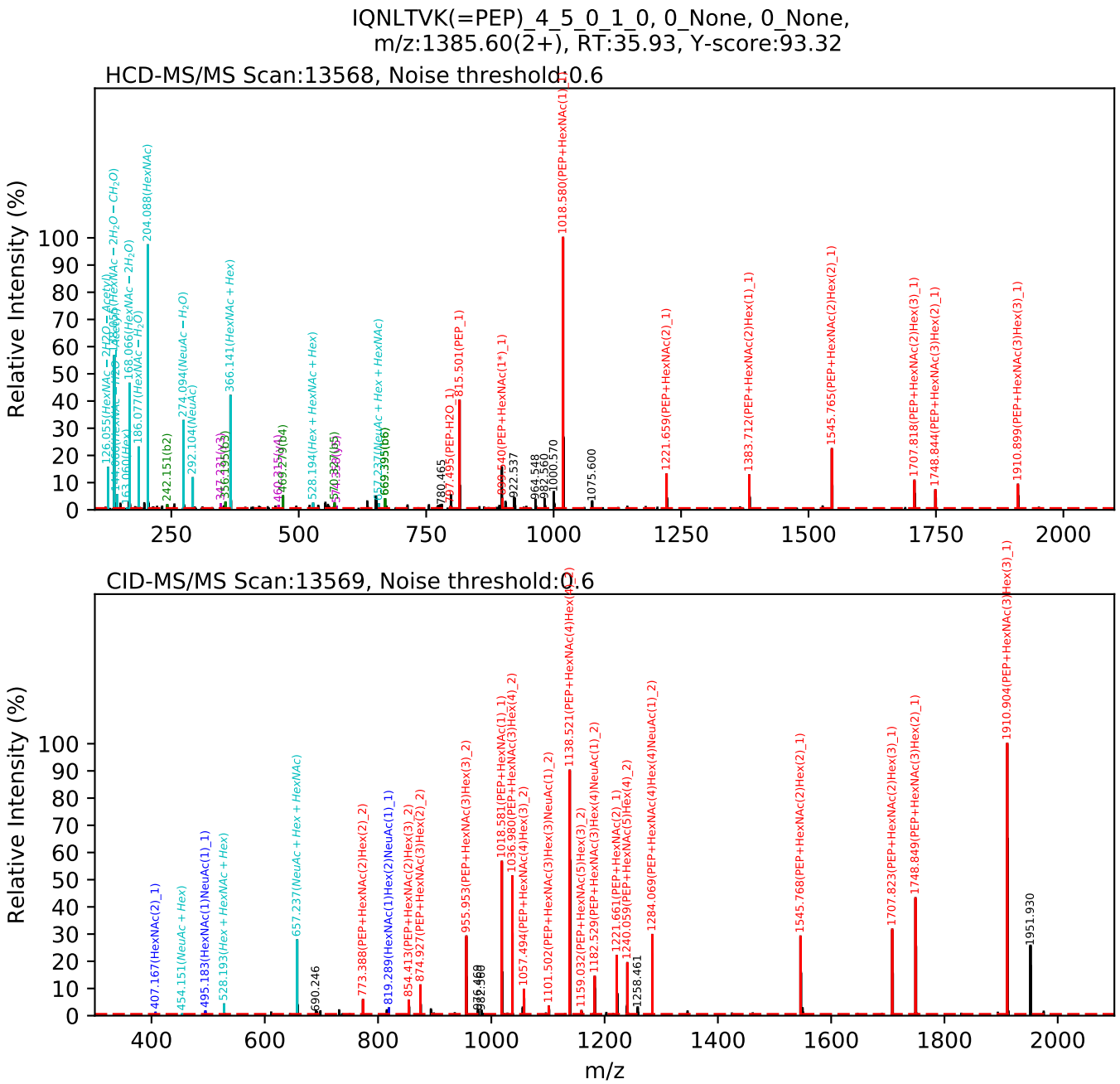

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:827.04(3+), RT:28.02, Y-score:84.00
HCD-MS/MS Scan:9567, Noise threshold:0.7
Relative Intensity (%)
204.088(HexNAc)
242.151(b2)
347.230(y3)
366.141(HexNAc + Hex)
469.279(b4)
669.396(b6)
815.501(PEP_1)
998.536
923.532
1018.579(PEP+HexNAc(1)_1)
1075.600
1221.658(PEP+HexNAc(2)_1)
1278.687
1383.712(PEP+HexNAc(2)Hex(1)_1)
1441.725
1545.760(PEP+HexNAc(2)Hex(2)_1)
1602.792
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.888(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:9568, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
773.026(PEP+HexNAc(5)Hex(3)_3)
794.900
874.928(PEP+HexNAc(3)Hex(2)_2)
955.955(PEP+HexNAc(3)Hex(3)_2)
976.468
1018.580(PEP+HexNAc(1)_1)
1057.495(PEP+HexNAc(4)Hex(2)_2)
1138.522(PEP+HexNAc(4)Hex(4)_2)
1221.658(PEP+HexNAc(2)_1)
1750.854
1910.893(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:9569, Noise threshold:1.0
Relative Intensity (%)
366.142(HexNAc + Hex)
401.242
204.087(HexNAc)
259.179
309.010
332.219
458.263
488.977
523.612
569.011
600.116
757.476
781.446
827.492
976.474
1057.495(PEP+HexNAc(4)Hex(3)_2)
1138.522(PEP+HexNAc(4)Hex(4)_2)
1152.050
1175.521
1212.556
1219.558
1232.054
M+2H
1596.737
1638.772
1656.814
1723.666
1953.919
m/z

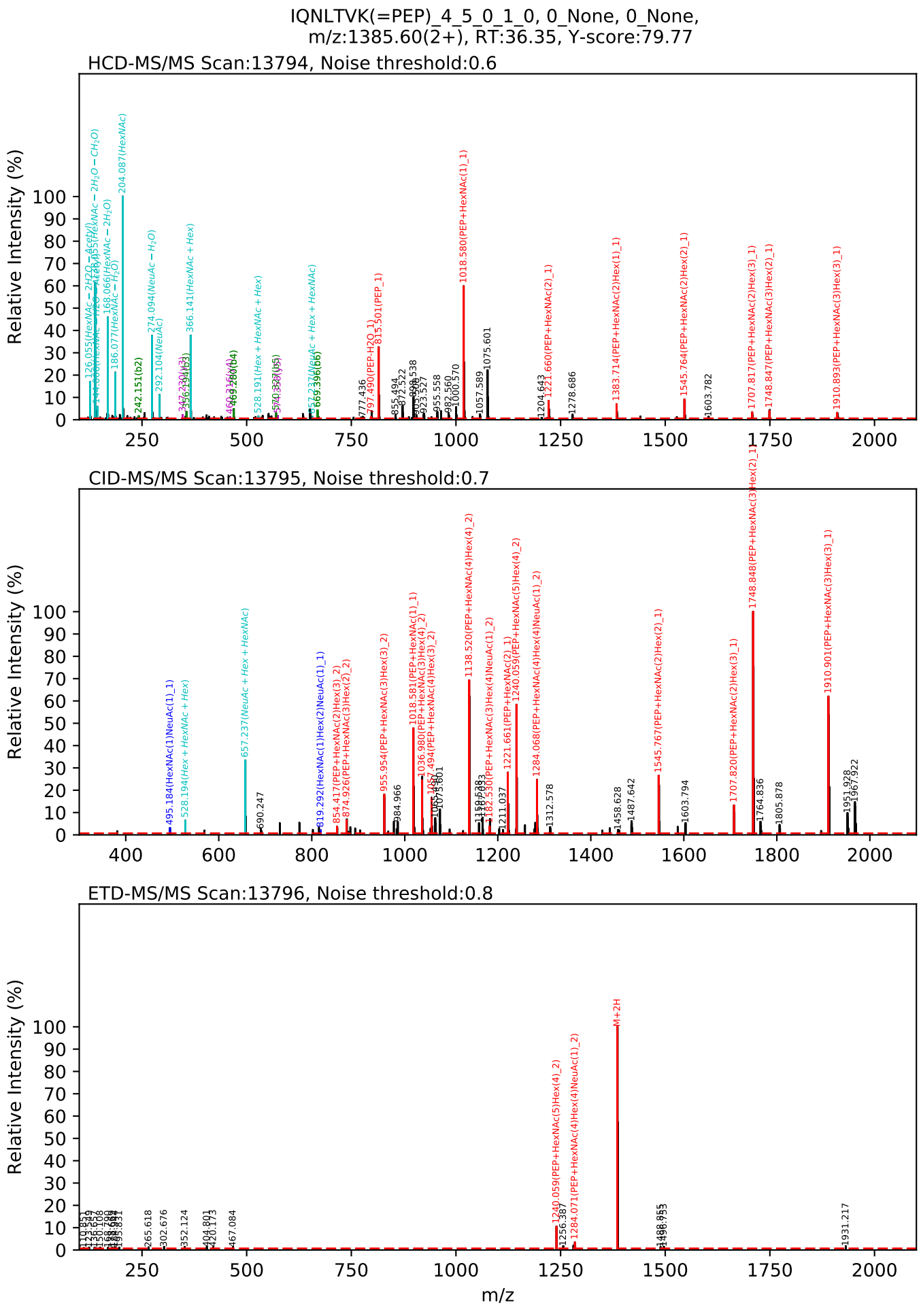

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:26.81, Y-score:92.89
HCD-MS/MS Scan:8941, Noise threshold:0.8
Relative Intensity (%)
204.088(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
669.395(b6)
815.500(PEP_1)
1018.580(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.893(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:8942, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
407.167(HexNAc(2)_1)
528.194(Hex + HexNAc + Hex)
692.359(PEP+HexNAc(2)Hex(1)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.495(PEP+HexNAc(4)Hex(3)_2)
1138.521(PEP+HexNAc(4)Hex(4)_2)
1159.031(PEP+HexNAc(5)Hex(3)_2)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.825(PEP+HexNAc(2)Hex(3)_1)
1748.851(PEP+HexNAc(3)Hex(2)_1)
1910.905(PEP+HexNAc(3)Hex(3)_1)
1951.931
1967.935
m/z

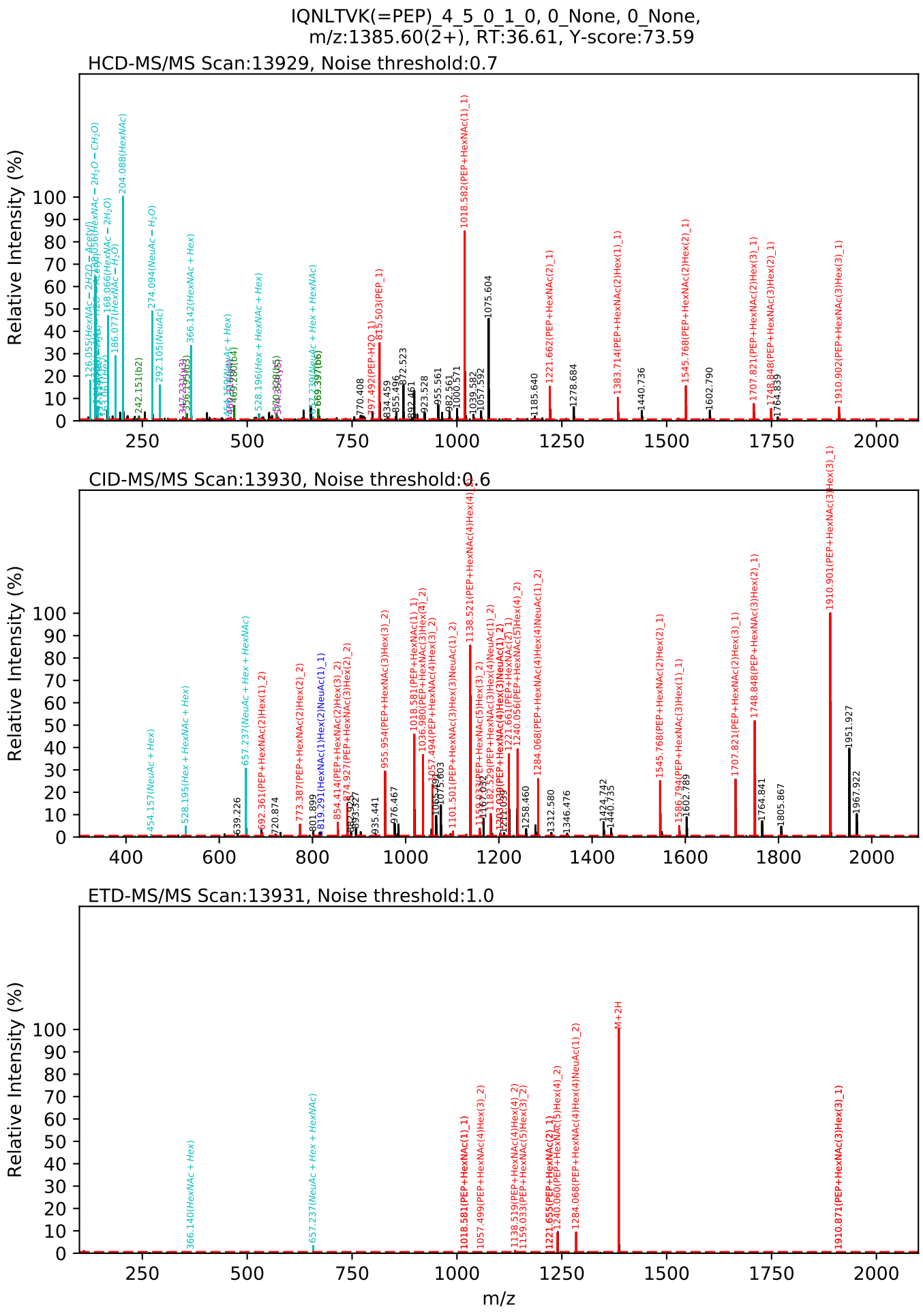

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:924.07(3+), RT:35.92, Y-score:92.82
HCD-MS/MS Scan:13565, Noise threshold:0.5
Relative Intensity (%)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
356.194(b3)
366.141(HexNAc + Hex)
469.279(b4)
528.194(Hex + HexNAc + Hex)
570.326(b5)
669.397(b6)
777.437
798.476
815.500(PEP_1)
898.537
922.540
1000.569
1018.579(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.893(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13566, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
407.168(HexNAc(2)_1)
495.184(HexNAc(1)NeuAc(1)_1)
528.193(Hex + HexNAc + Hex)
634.679
657.237(NeuAc + Hex + HexNAc)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
874.926(PEP+HexNAc(3)Hex(2)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
976.467
1018.579(PEP+HexNAc(1)_1)
1036.979(PEP+HexNAc(3)Hex(4)_2)
1057.493(PEP+HexNAc(4)Hex(3)_2)
1101.500(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1138.520(PEP+HexNAc(4)Hex(4)_2)
1159.032(PEP+HexNAc(5)Hex(3)_2)
1182.527(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1203.037
1221.663(PEP+HexNAc(2)_1)
1240.059(PEP+HexNAc(5)Hex(4)_2)
1384.067(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
1748.844(PEP+HexNAc(3)Hex(2)_1)
1910.896(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:13567, Noise threshold:1.2
Relative Intensity (%)
259.177
311.971
332.219
366.141(HexNAc + Hex)
382.302
401.241
444.295
657.236(NeuAc + Hex + HexNAc)
757.470
826.825
924.413
1057.494(PEP+HexNAc(4)Hex(3)_2)
1136.623
1240.061(PEP+HexNAc(5)Hex(4)_2)
1321.057
1365.102
M+2H
1935.921
1985.908
m/z

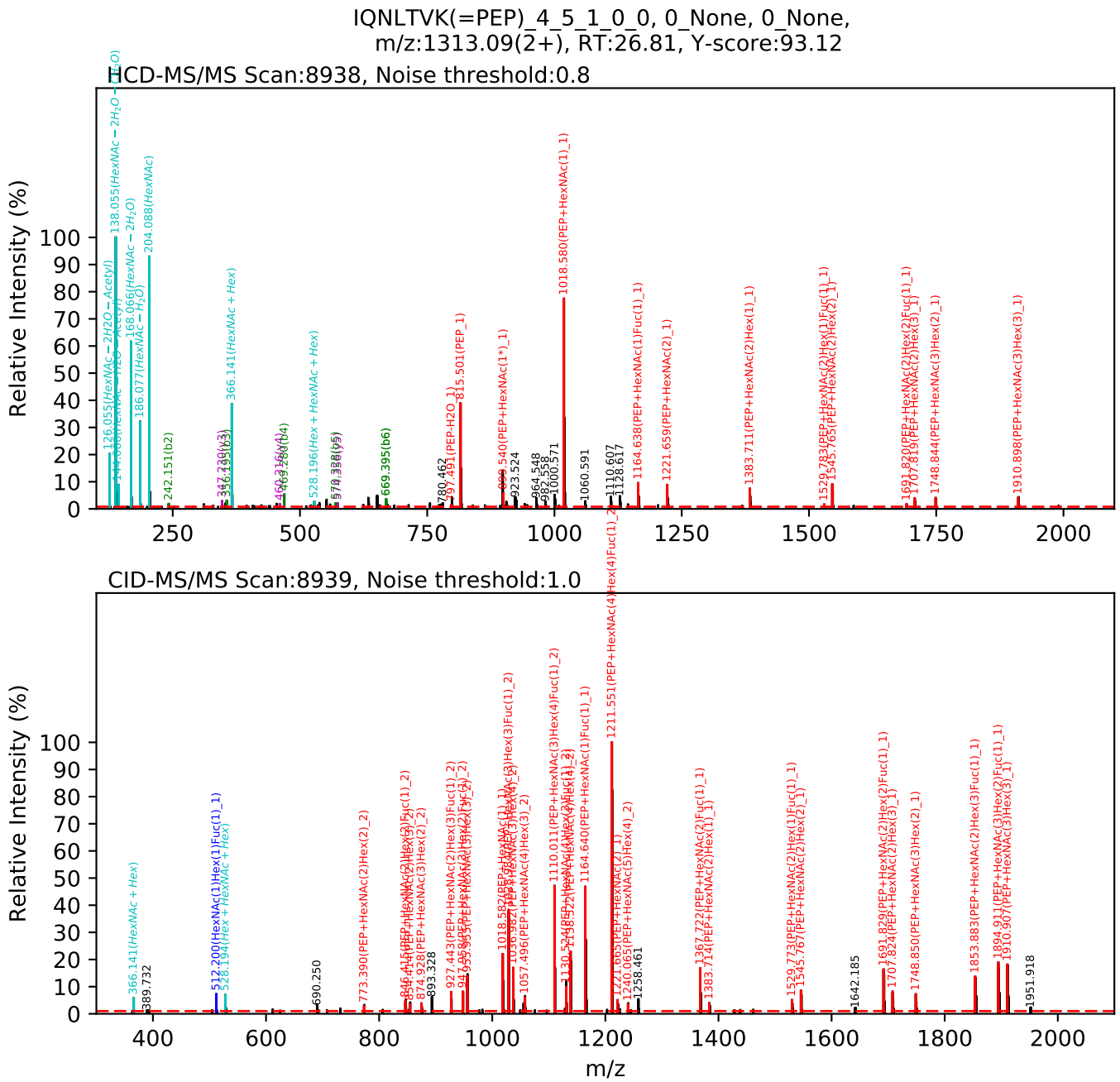

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:924.07(3+), RT:36.62, Y-score:81.90
HCD-MS/MS Scan:13932, Noise threshold:0.6
CID-MS/MS Scan:13933, Noise threshold:0.6
ETD-MS/MS Scan:13934, Noise threshold:0.7
Relative Intensity (%)
m/z

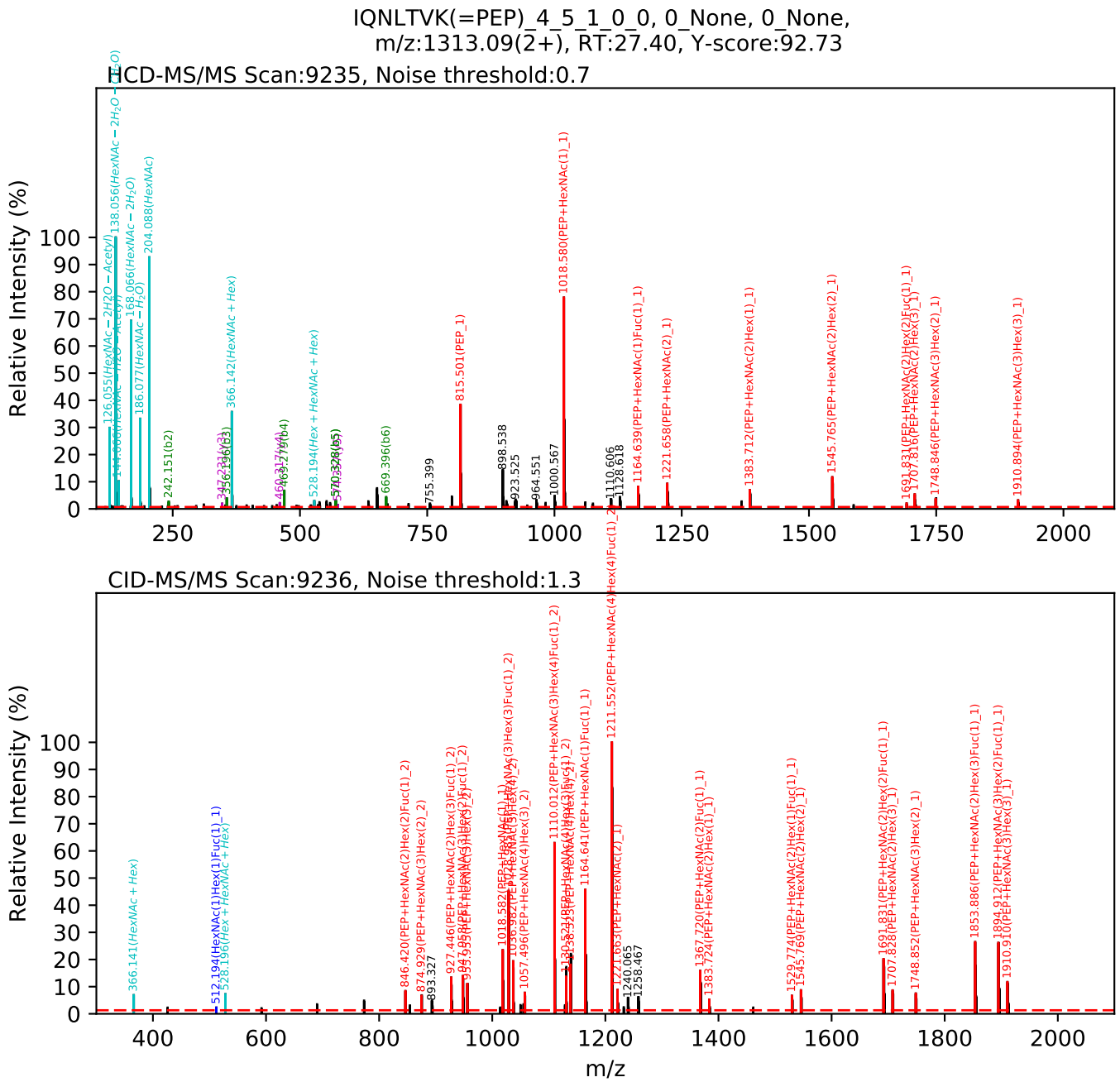

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:924.07(3+), RT:36.63, Y-score:81.38
HCD-MS/MS Scan:13936, Noise threshold:0.7
CID-MS/MS Scan:13937, Noise threshold:0.7
ETD-MS/MS Scan:13938, Noise threshold:0.9
Relative Intensity (%)
m/z

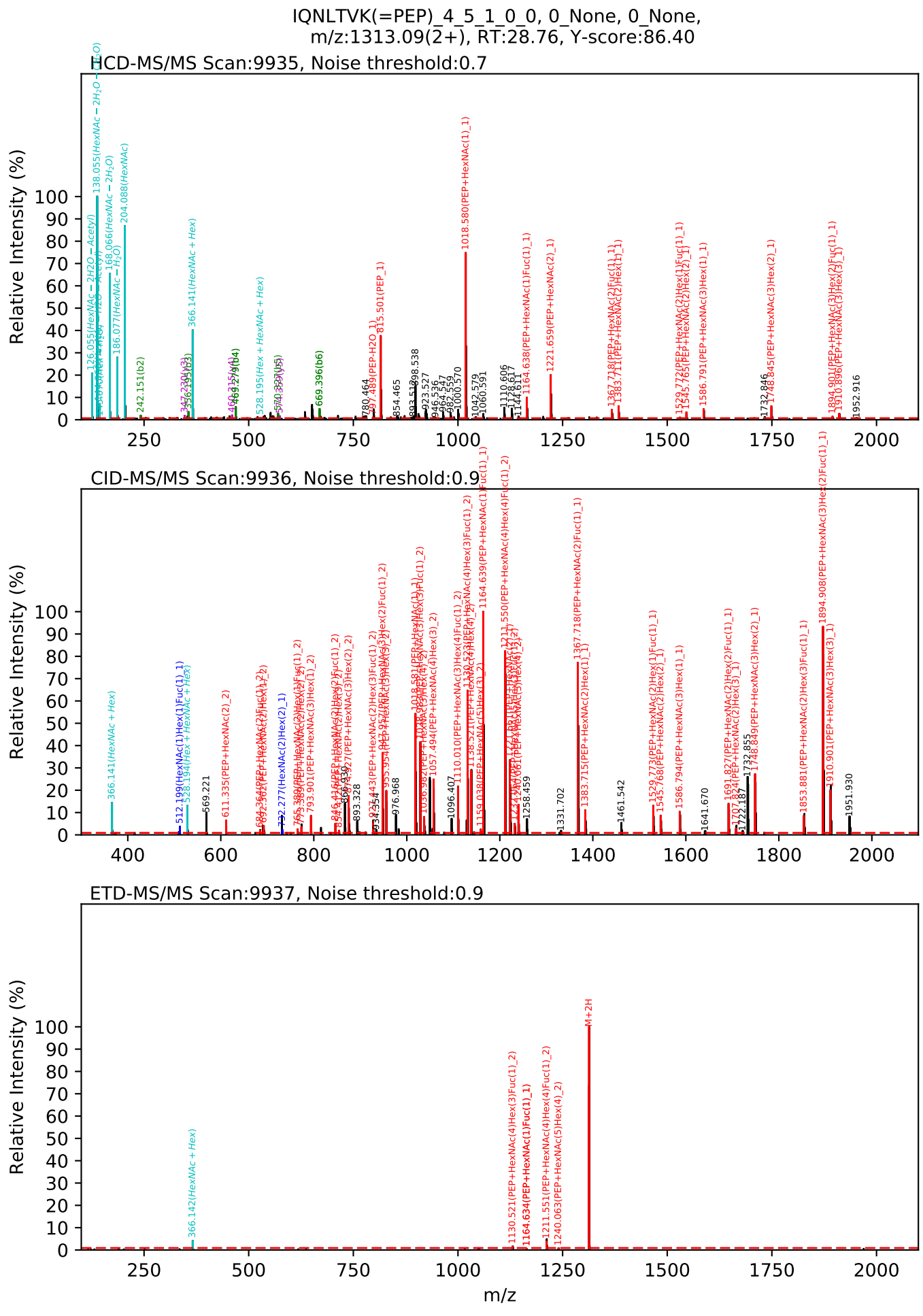

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:1385.60(2+), RT:35.93, Y-score:93.32
HCD-MS/MS Scan:13568, Noise threshold:0.6
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
204.088(HexNAc)
815.501(PEP_1)
1221.659(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1748.844(PEP+HexNAc(3)Hex(2)_1)
1910.899(PEP+HexNAc(3)Hex(3)_1)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
274.094(NeuAc − H2O)
292.104(NeuAc)
242.151(b2)
CID-MS/MS Scan:13569, Noise threshold:0.6
Relative Intensity (%)
m/z
1910.904(PEP+HexNAc(3)Hex(3)_1)
1951.930
1138.521(PEP+HexNAc(4)Hex(4)_2)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1284.069(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1240.059(PEP+HexNAc(5)Hex(4)_2)
1221.661(PEP+HexNAc(2)_1)
1182.529(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1159.032(PEP+HexNAc(5)Hex(3)_2)
1101.502(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1018.581(PEP+HexNAc(1)_1)
955.953(PEP+HexNAc(3)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
773.388(PEP+HexNAc(2)Hex(2)_2)
657.237(NeuAc + Hex + HexNAc)
690.246
528.193(Hex + HexNAc + Hex)
495.183(HexNAc(1)NeuAc(1)_1)
454.151(NeuAc + Hex)
407.167(HexNAc(2)_1)

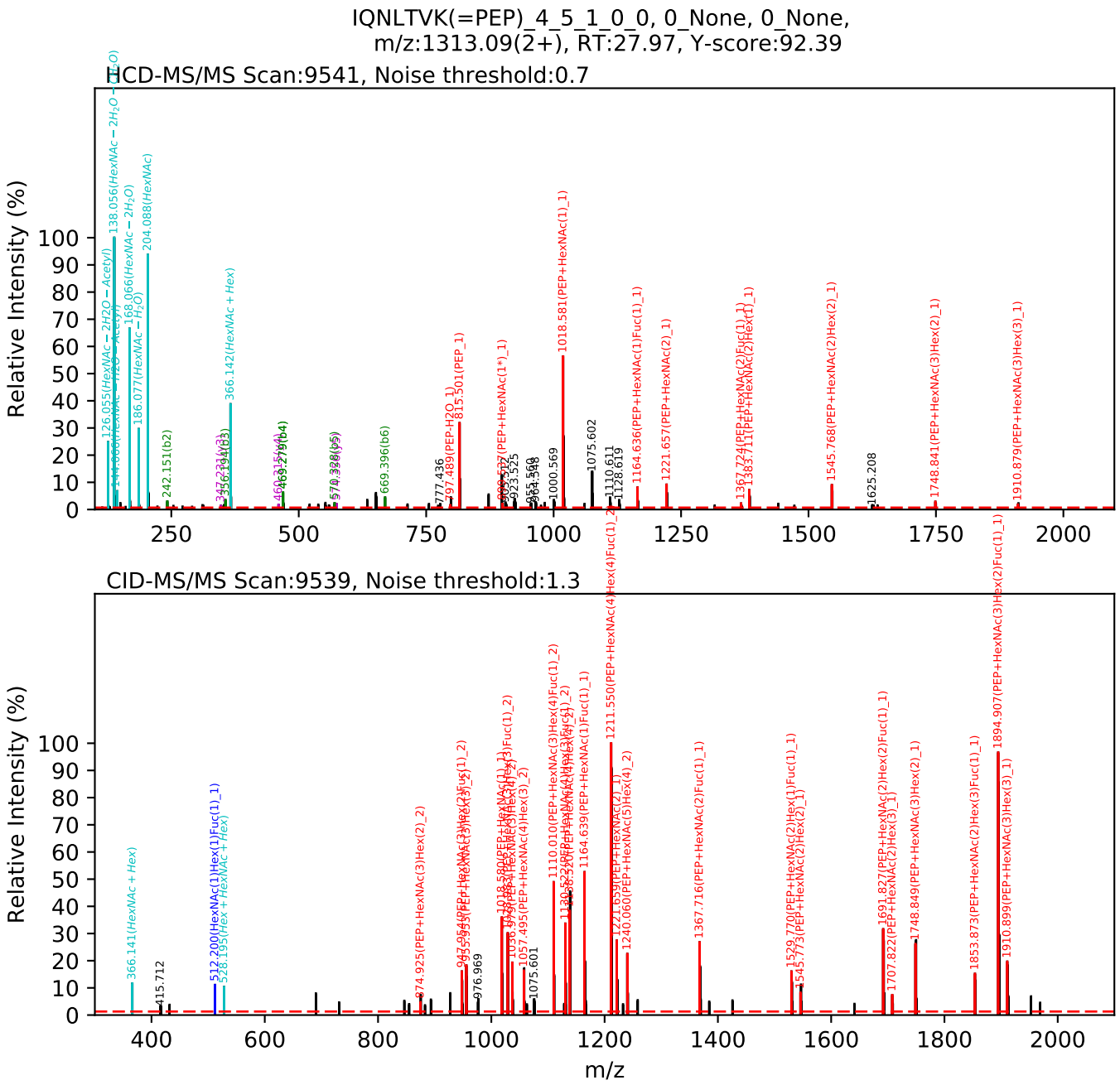

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:1385.60(2+), RT:36.35, Y-score:79.77
HCD-MS/MS Scan:13794, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:13795, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:13796, Noise threshold:0.8
Relative Intensity (%)
m/z

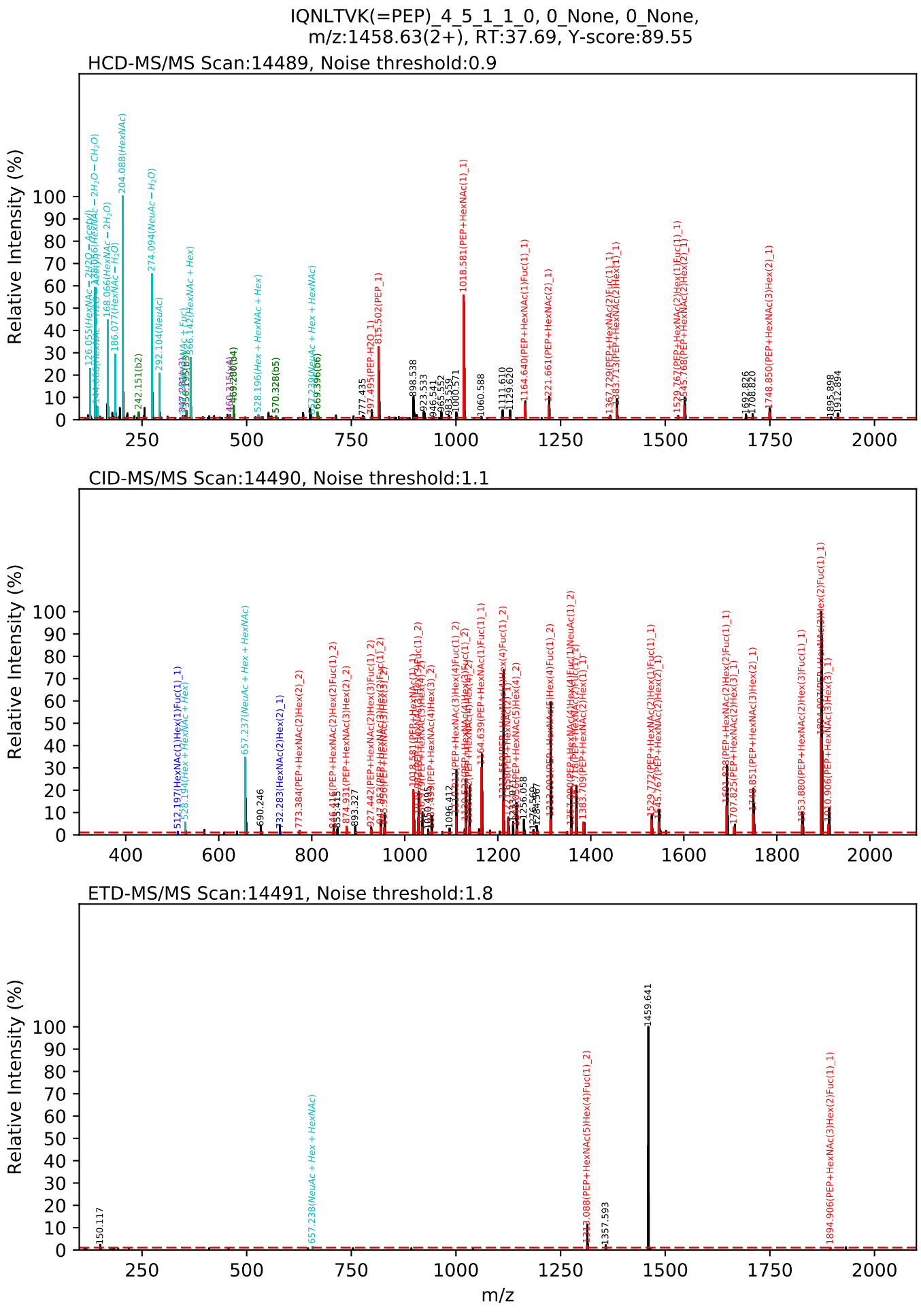

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:1385.60(2+), RT:36.61, Y-score:73.59
HCD-MS/MS Scan:13929, Noise threshold:0.7
CID-MS/MS Scan:13930, Noise threshold:0.6
ETD-MS/MS Scan:13931, Noise threshold:1.0
Relative Intensity (%)
m/z

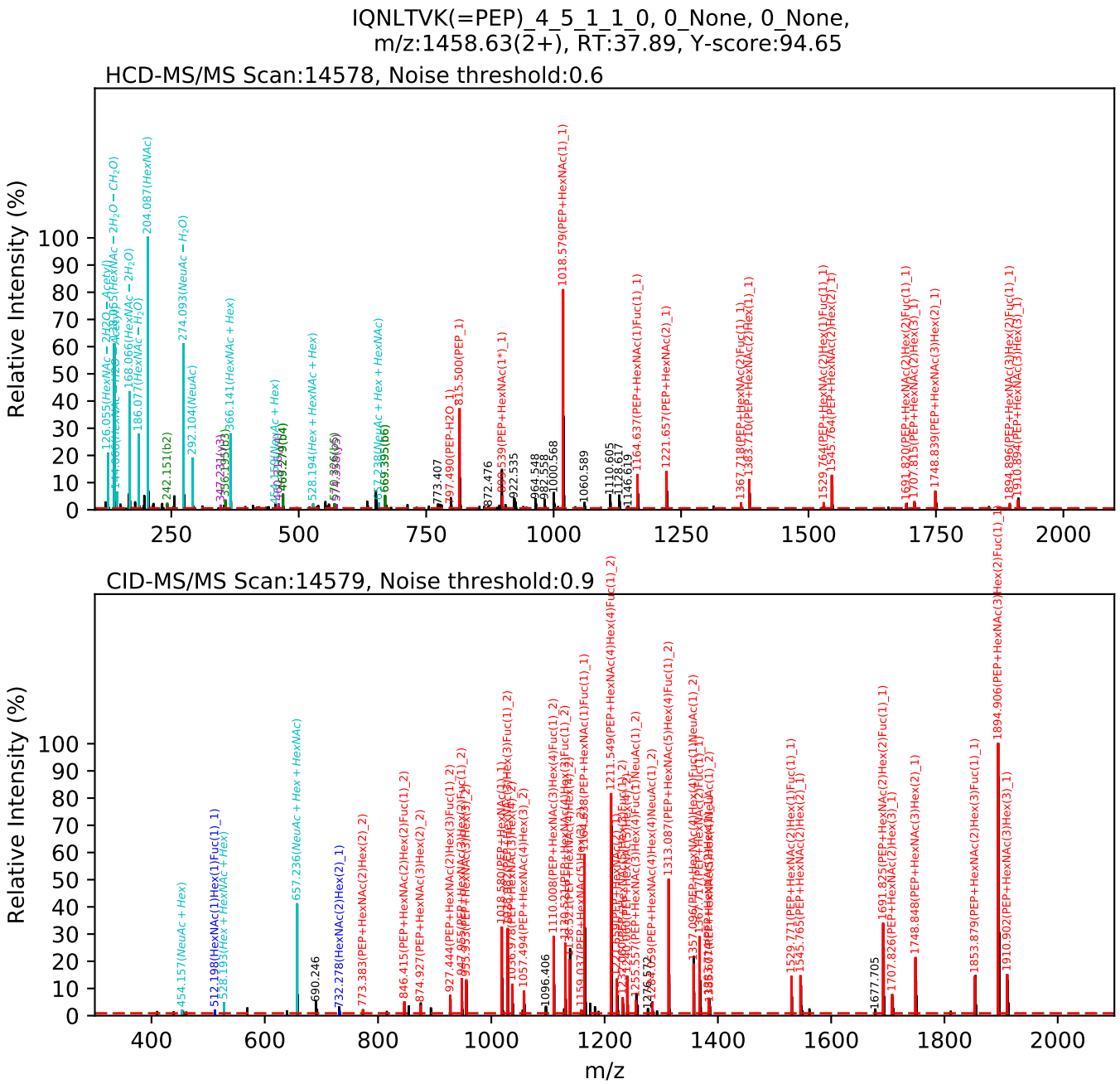

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:26.81, Y-score:93.12
HCD-MS/MS Scan:8938, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:8939, Noise threshold:1.0
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:27.40, Y-score:92.73
HCD-MS/MS Scan:9235, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:9236, Noise threshold:1.3
Relative Intensity (%)
m/z

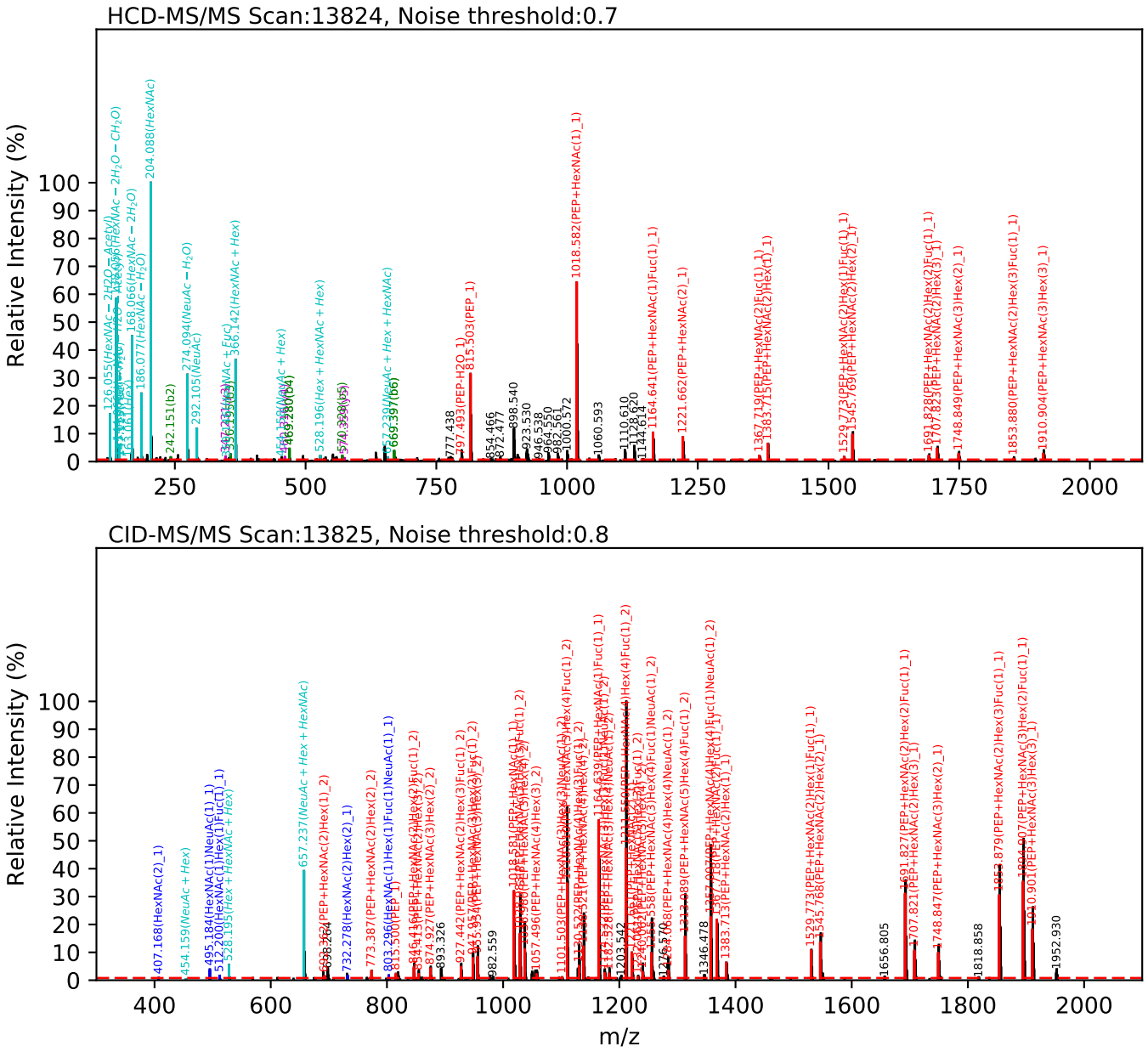

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:28.76, Y-score:86.40
HCD-MS/MS Scan:9935, Noise threshold:0.7
CID-MS/MS Scan:9936, Noise threshold:0.9
ETD-MS/MS Scan:9937, Noise threshold:0.9
Relative Intensity (%)
m/z

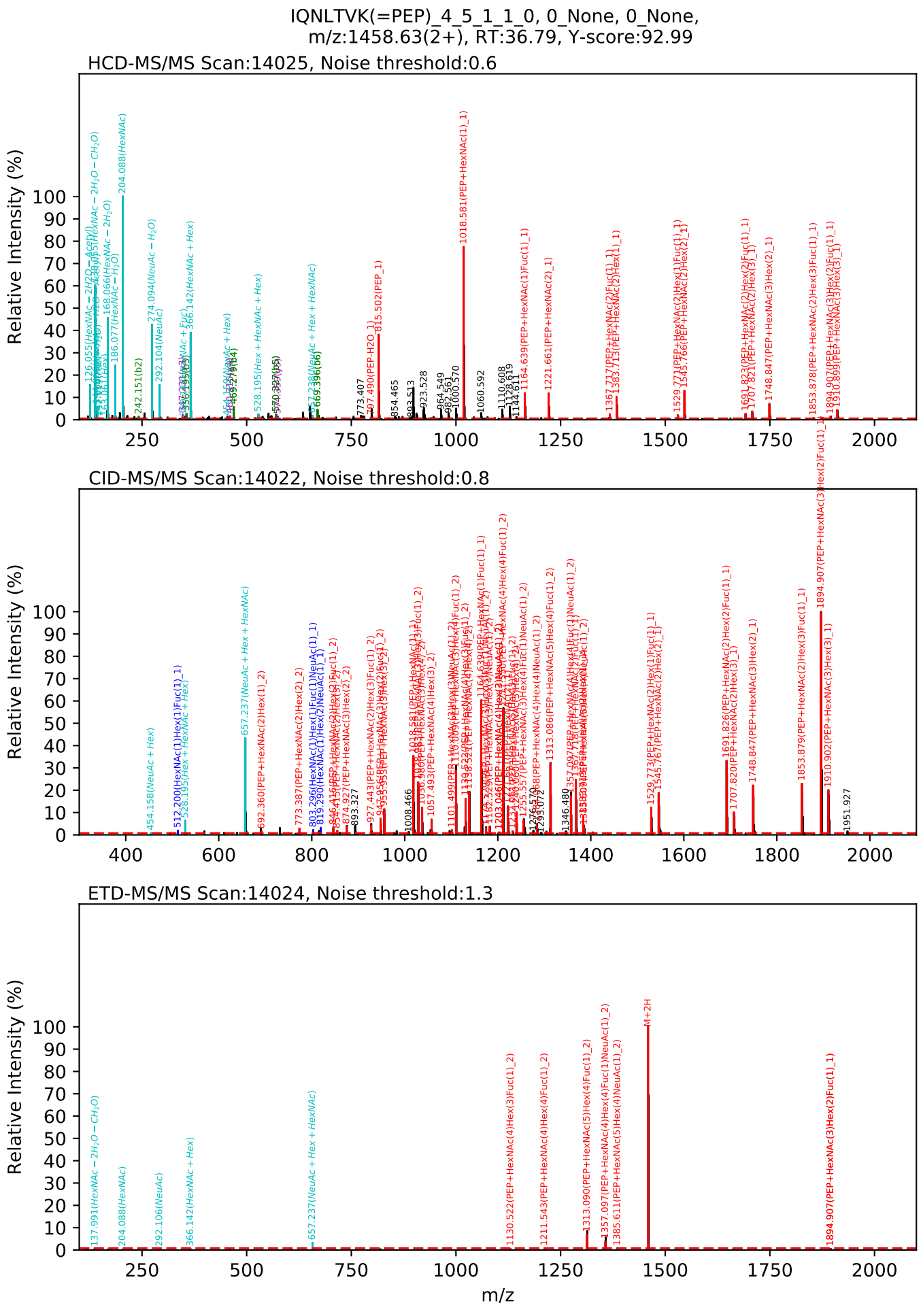

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:27.97, Y-score:92.39
HCD-MS/MS Scan:9541, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:9539, Noise threshold:1.3
Relative Intensity (%)
m/z

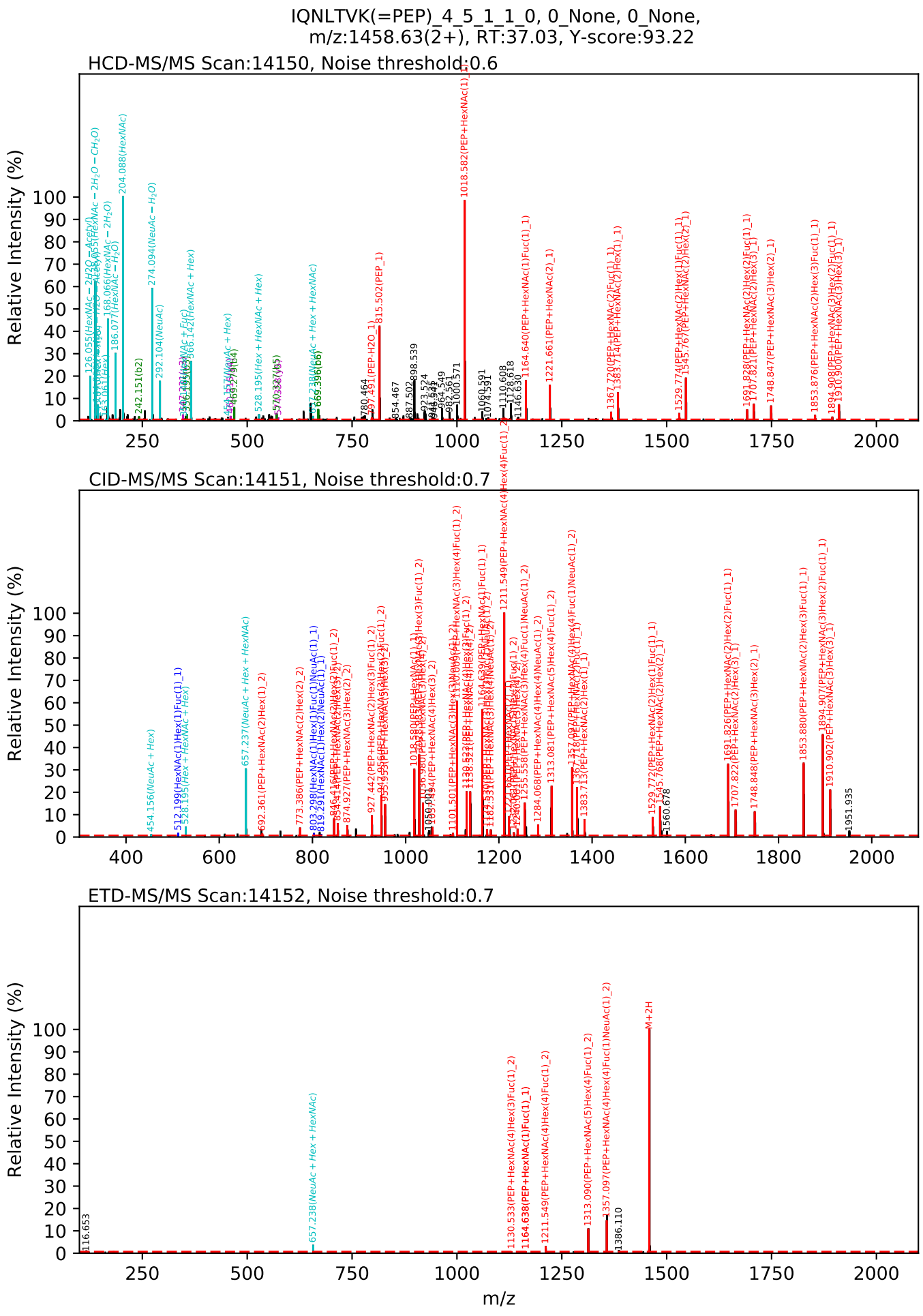

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:37.69, Y-score:89.55
HCD-MS/MS Scan:14489, Noise threshold:0.9
CID-MS/MS Scan:14490, Noise threshold:1.1
ETD-MS/MS Scan:14491, Noise threshold:1.8
Relative Intensity (%)
m/z

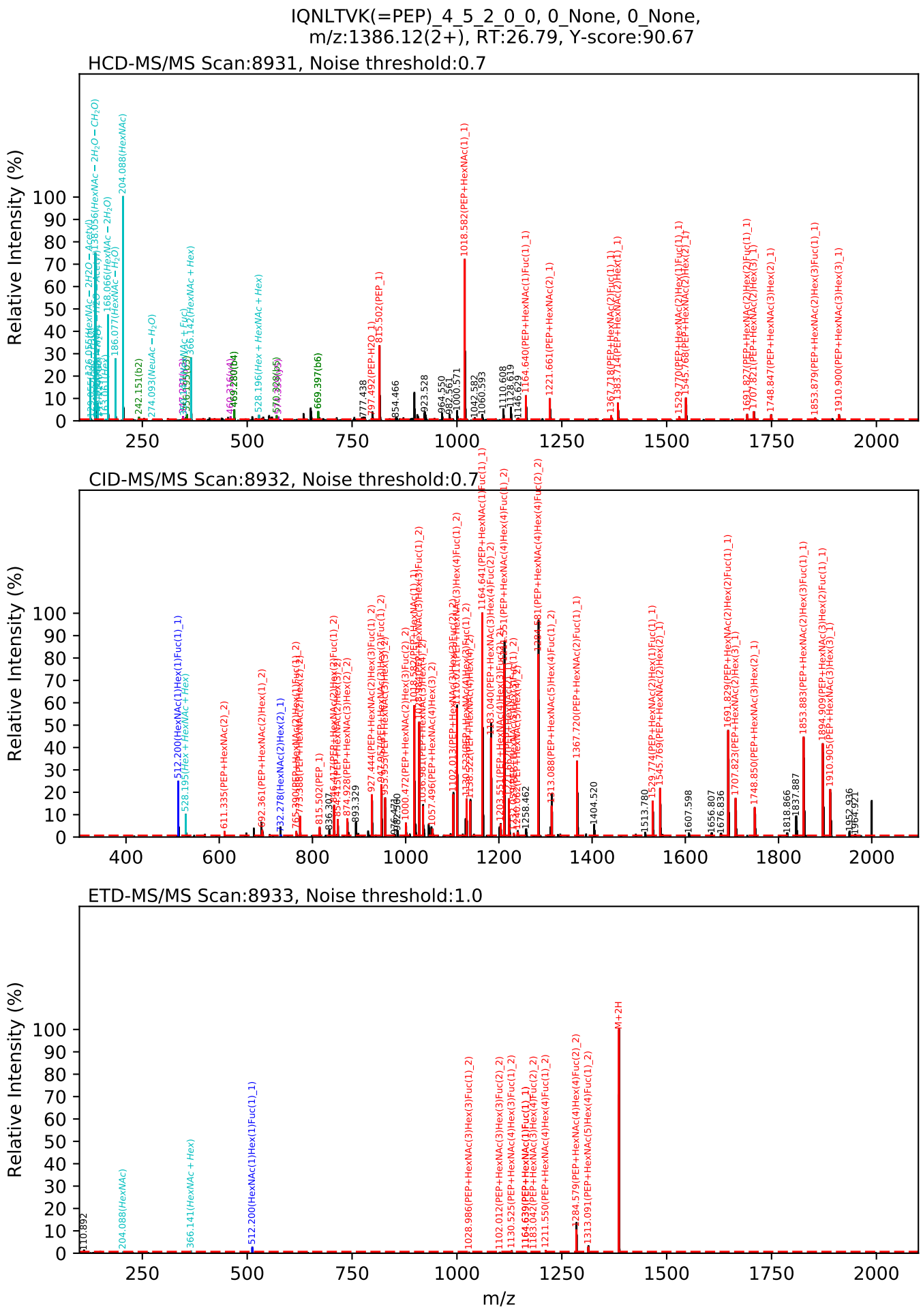

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:37.89, Y-score:94.65
HCD-MS/MS Scan:14578, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:14579, Noise threshold:0.9
Relative Intensity (%)
m/z

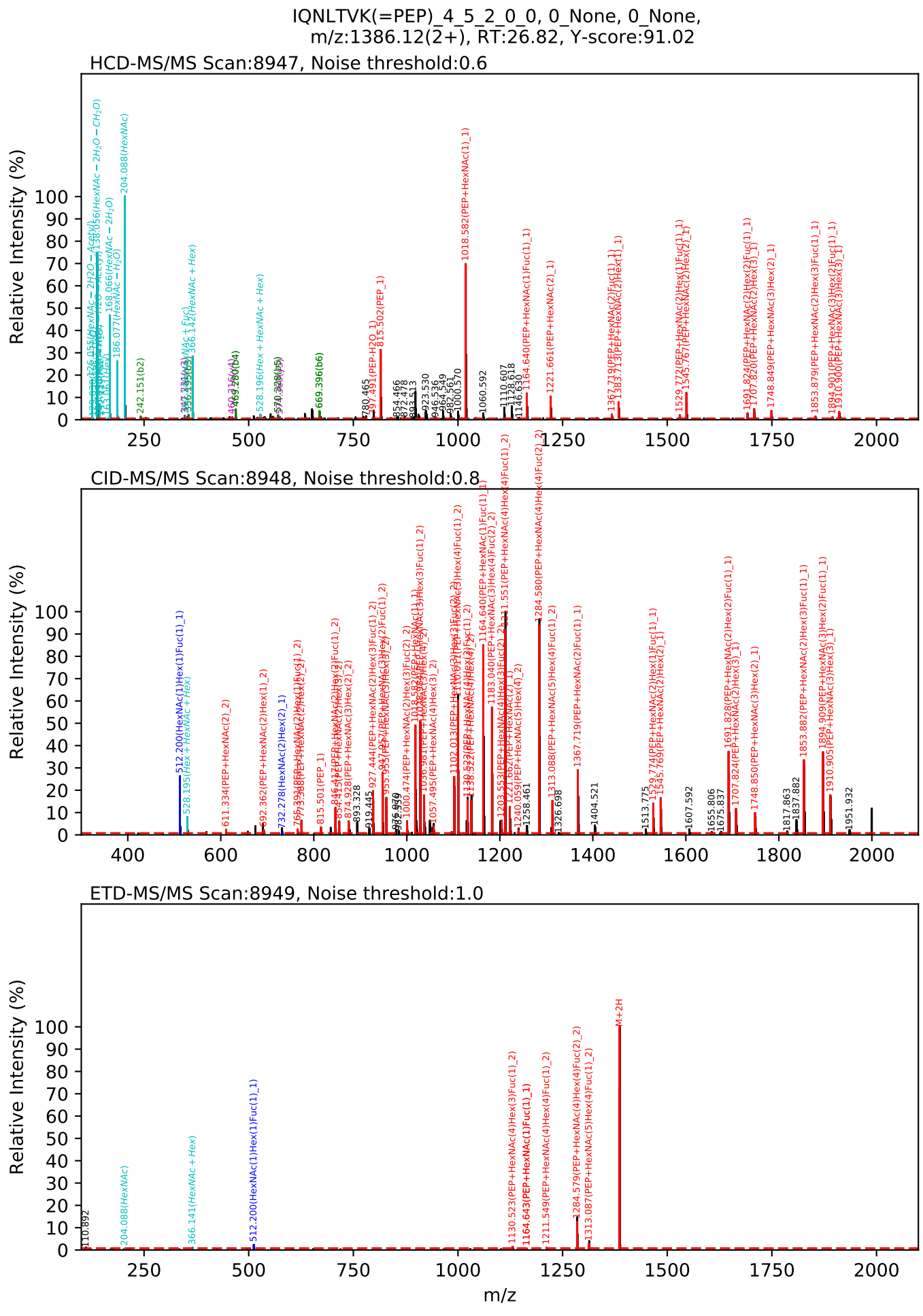
IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:36.41, Y-score:92.02

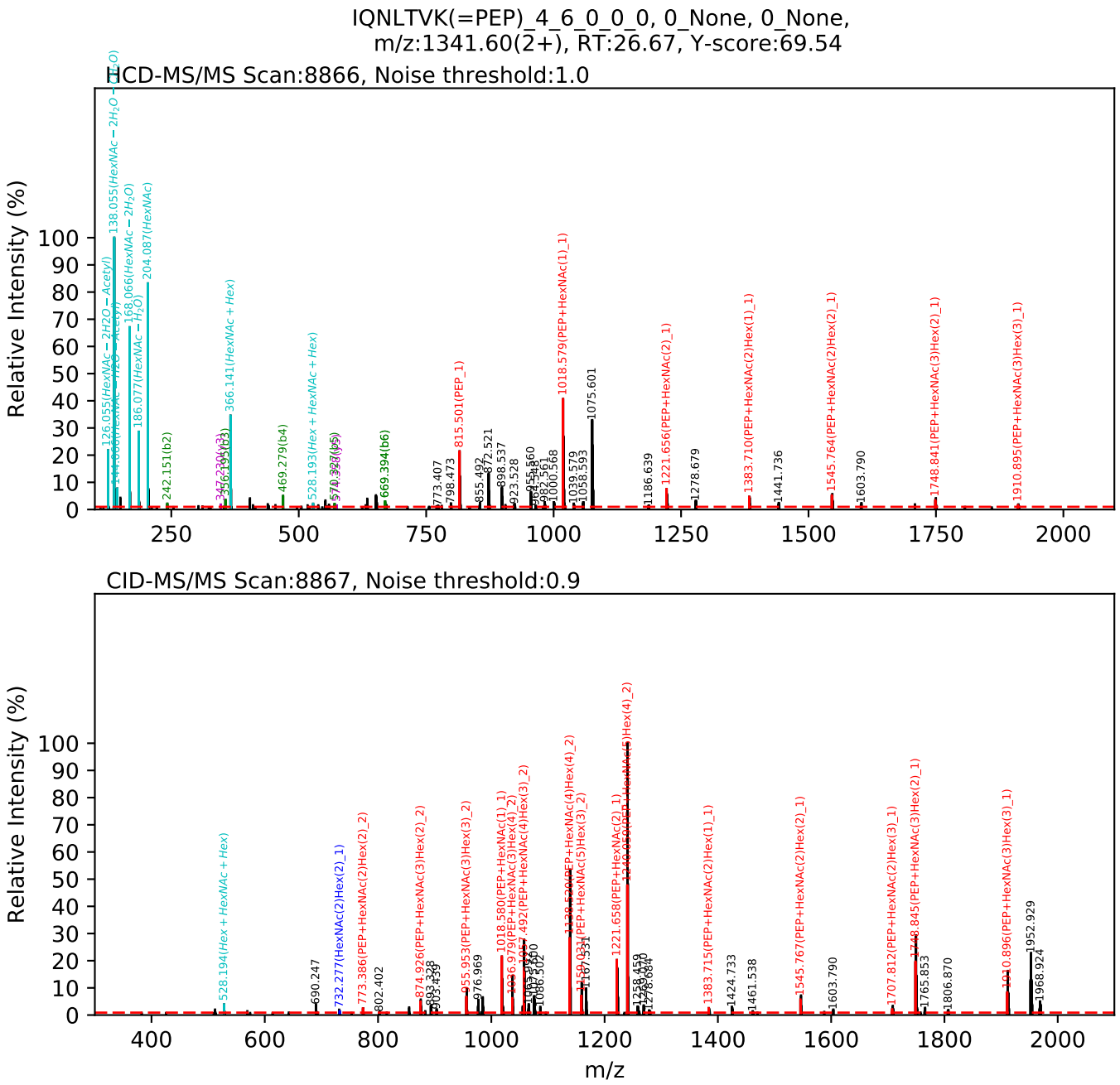


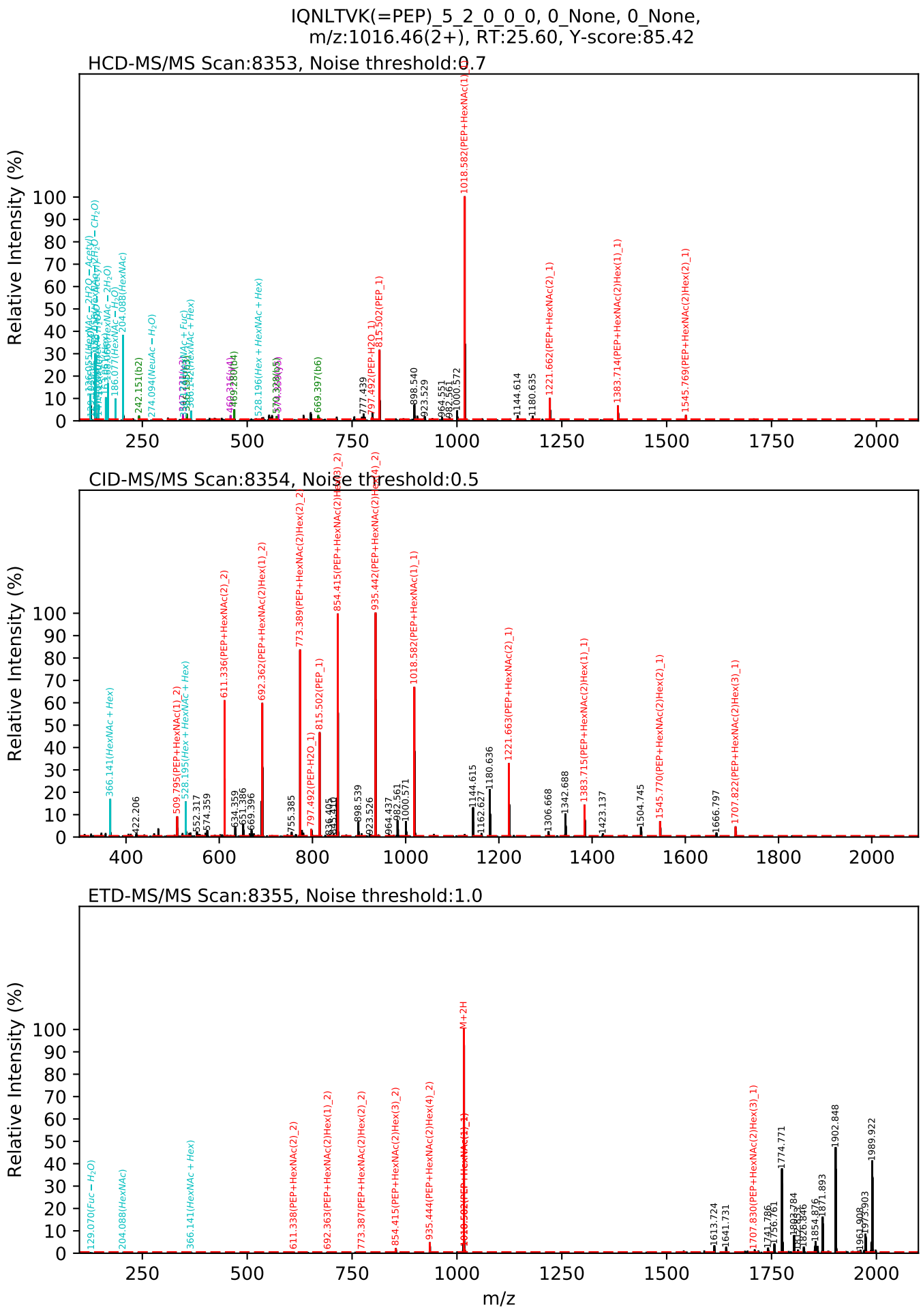

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:36.79, Y-score:92.99
HCD-MS/MS Scan:14025, Noise threshold:0.6
CID-MS/MS Scan:14022, Noise threshold:0.8
ETD-MS/MS Scan:14024, Noise threshold:1.3
Relative Intensity (%)
m/z

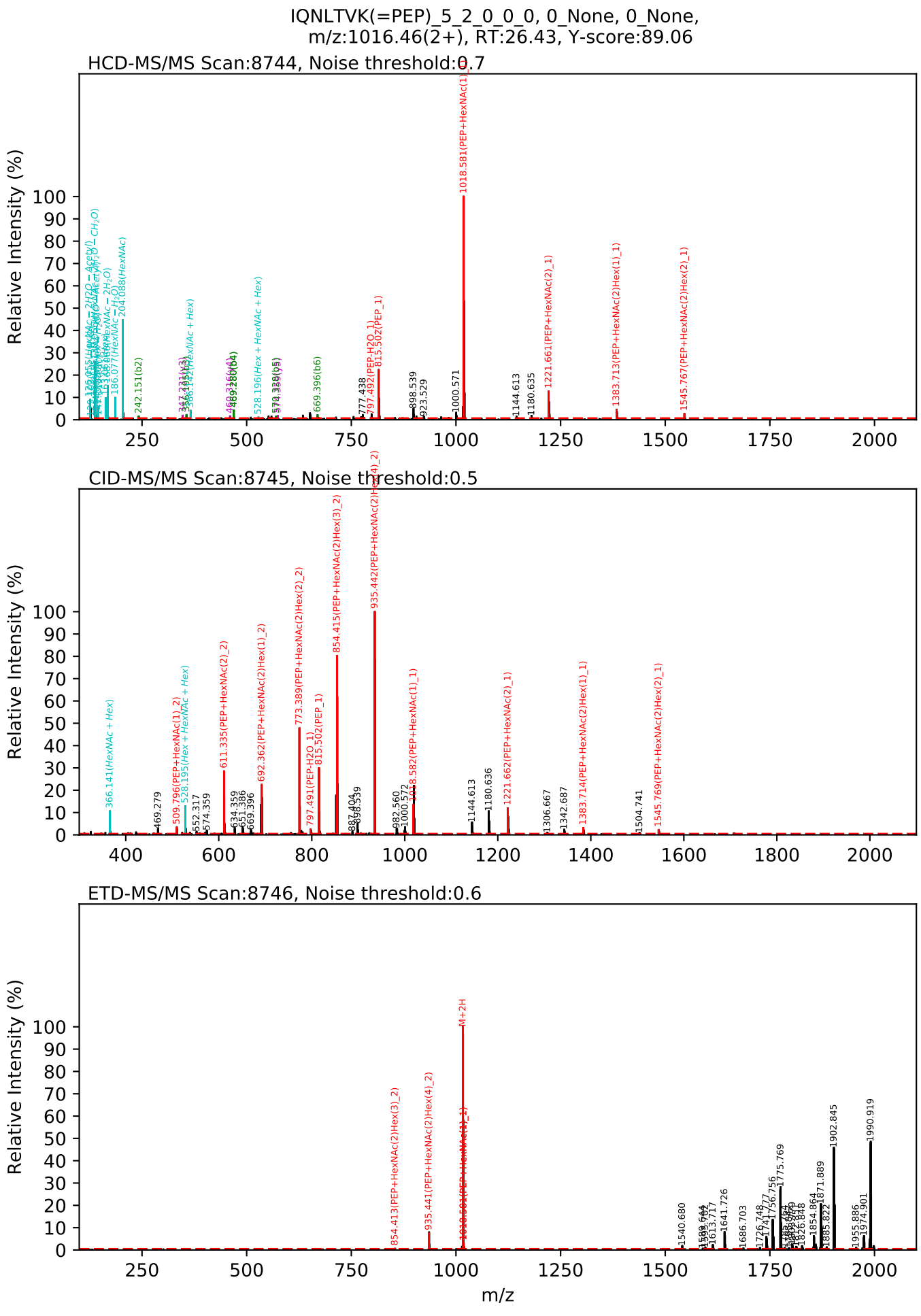

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:37.03, Y-score:93.22
HCD-MS/MS Scan:14150, Noise threshold:0.6
CID-MS/MS Scan:14151, Noise threshold:0.7
ETD-MS/MS Scan:14152, Noise threshold:0.7
Relative Intensity (%)
m/z

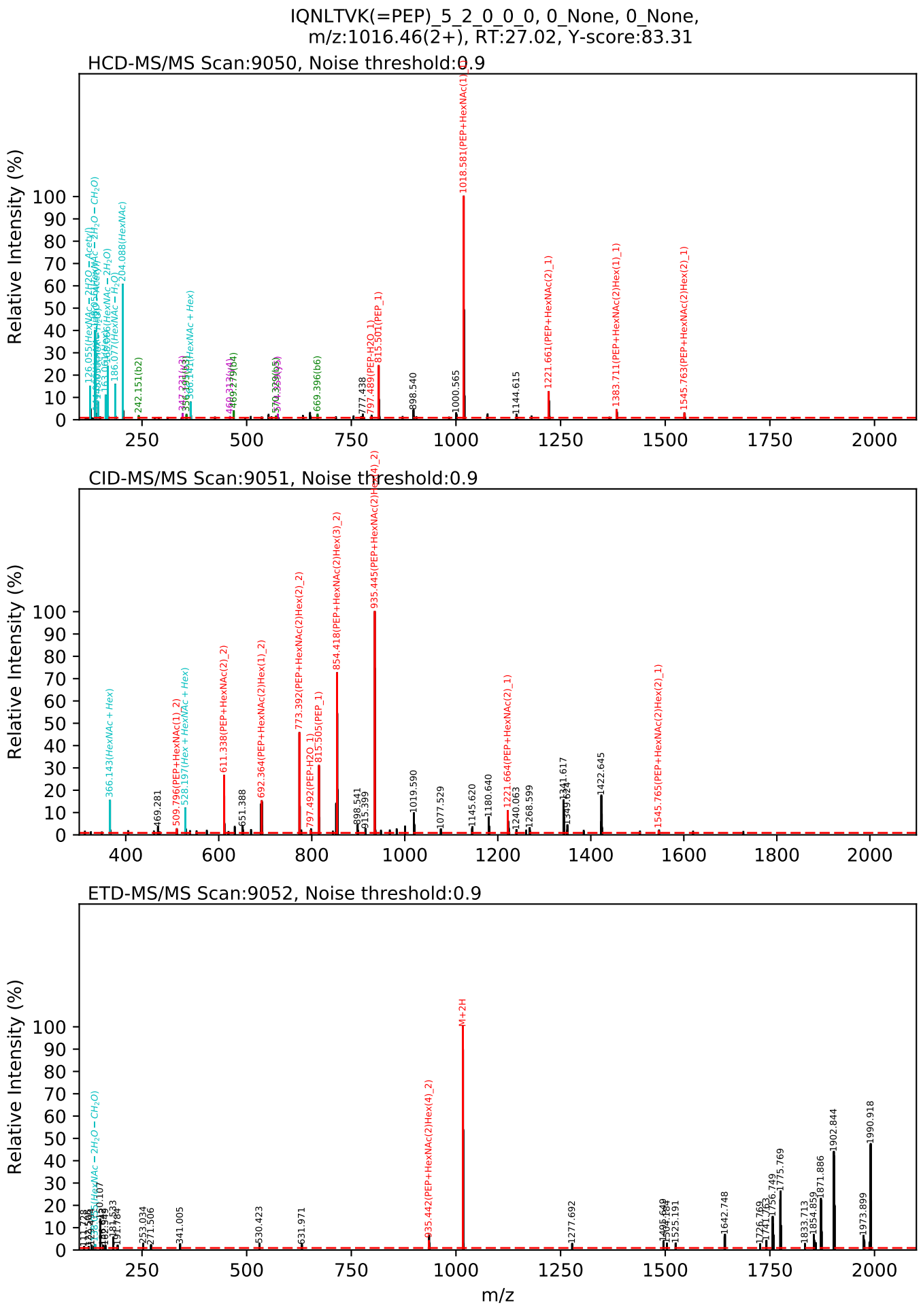

IQNLTVK(=PEP)_4_5_2_0_0, 0_None, 0_None,
m/z:1386.12(2+), RT:26.79, Y-score:90.67
HCD-MS/MS Scan:8931, Noise threshold:0.7
CID-MS/MS Scan:8932, Noise threshold:0.7
ETD-MS/MS Scan:8933, Noise threshold:1.0
Relative Intensity (%)
m/z

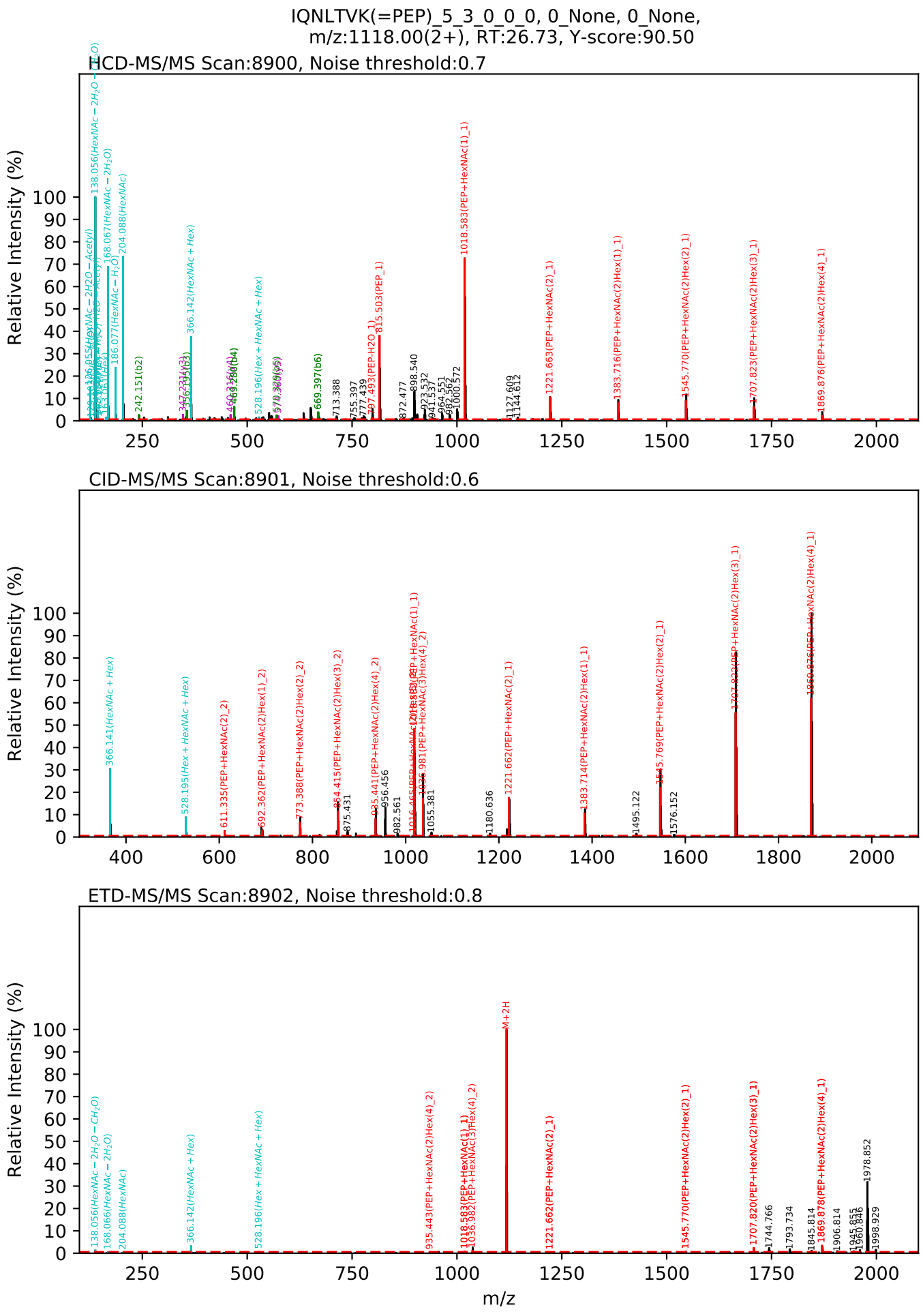

IQNLTVK(=PEP)_4_5_2_0_0, 0_None, 0_None,
m/z:1386.12(2+), RT:26.82, Y-score:91.02
HCD-MS/MS Scan:8947, Noise threshold:0.6
CID-MS/MS Scan:8948, Noise threshold:0.8
ETD-MS/MS Scan:8949, Noise threshold:1.0
Relative Intensity (%)
m/z

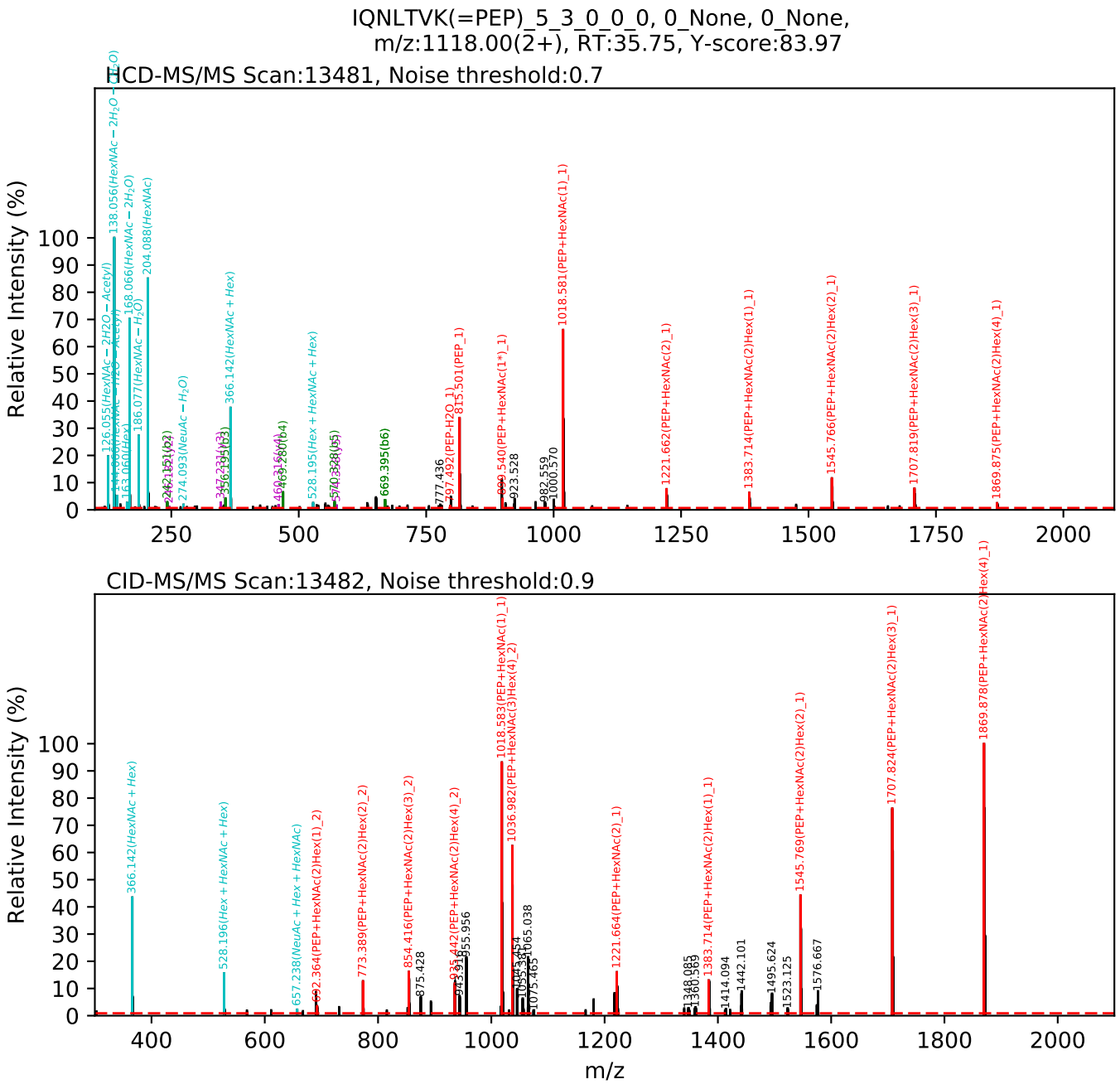

IQNLTVK(=PEP)_4_6_0_0_0, 0_None, 0_None,
m/z:1341.60(2+), RT:26.67, Y-score:69.54
HCD-MS/MS Scan:8866, Noise threshold:1.0
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
469.279(b4)
528.193(Hex + HexNAc + Hex)
669.394(b6)
815.501(PEP_1)
1018.579(PEP+HexNAc(1)_1)
1075.601
1221.656(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1748.841(PEP+HexNAc(3)Hex(2)_1)
1910.895(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:8867, Noise threshold:0.9
Relative Intensity (%)
528.194(Hex + HexNAc + Hex)
732.277(HexNAc(2)Hex(2)_1)
773.386(PEP+HexNAc(2)Hex(2)_2)
1018.580(PEP+HexNAc(1)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.812(PEP+HexNAc(2)Hex(3)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.896(PEP+HexNAc(3)Hex(3)_1)
m/z

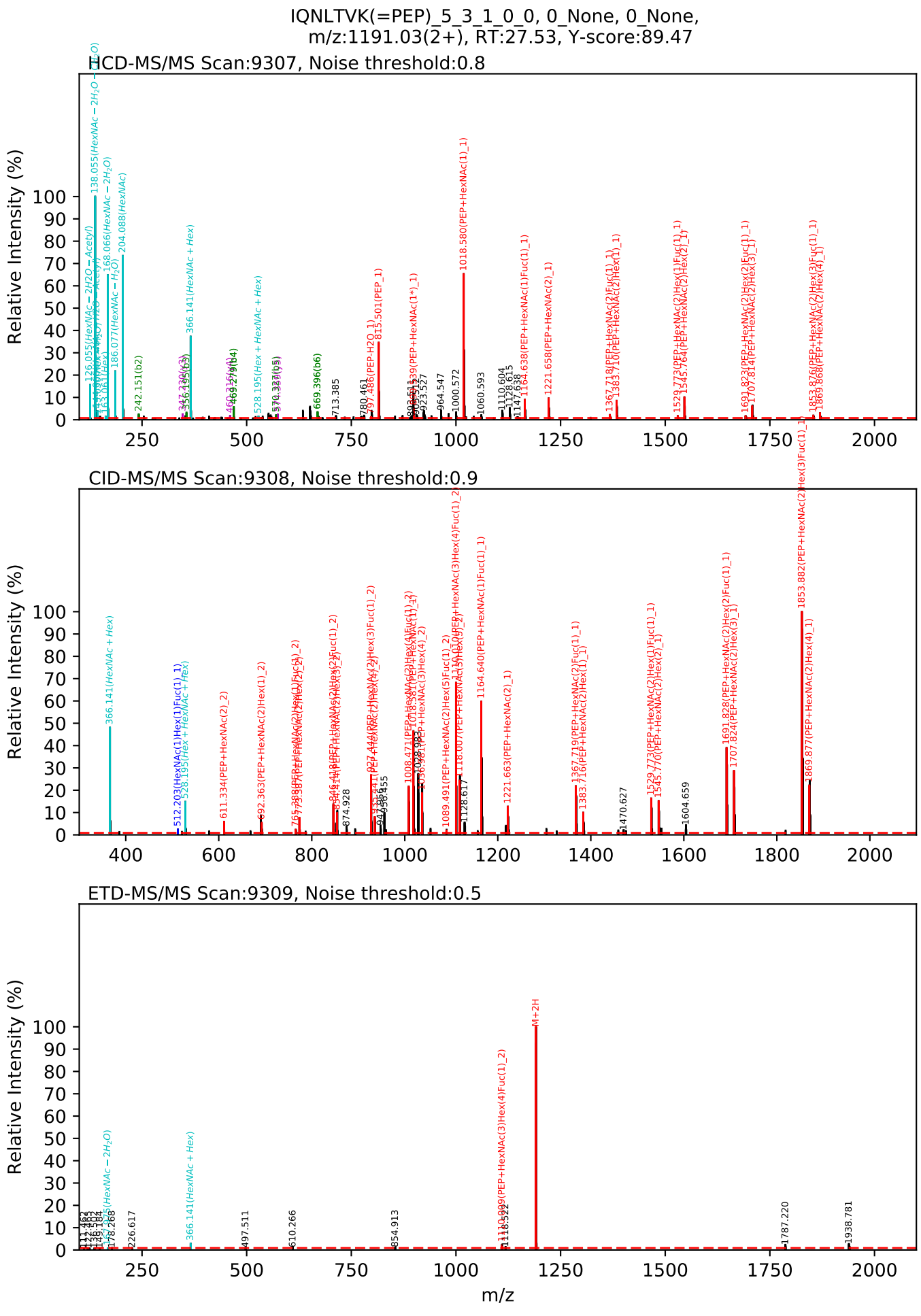

IQNLTVK(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1016.46(2+), RT:25.60, Y-score:85.42
HCD-MS/MS Scan:8353, Noise threshold:0.7
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1221.662(PEP+HexNAc(2)_1)
815.502(PEP_1)
797.492(PEP-H2O_1)
CID-MS/MS Scan:8354, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
509.795(PEP+HexNAc(1)_2)
528.195(Hex + HexNAc + Hex)
611.336(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
935.442(PEP+HexNAc(2)Hex(4)_2)
1018.582(PEP+HexNAc(1)_1)
1221.663(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
797.492(PEP-H2O_1)
815.502(PEP_1)
ETD-MS/MS Scan:8355, Noise threshold:1.0
Relative Intensity (%)
129.070(Fuc − H2O)
204.088(HexNAc)
366.141(HexNAc + Hex)
611.338(PEP+HexNAc(2)_2)
692.363(PEP+HexNAc(2)Hex(1)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
935.444(PEP+HexNAc(2)Hex(4)_2)
M+2H
1707.830(PEP+HexNAc(2)Hex(3)_1)
1902.848
1989.922
m/z

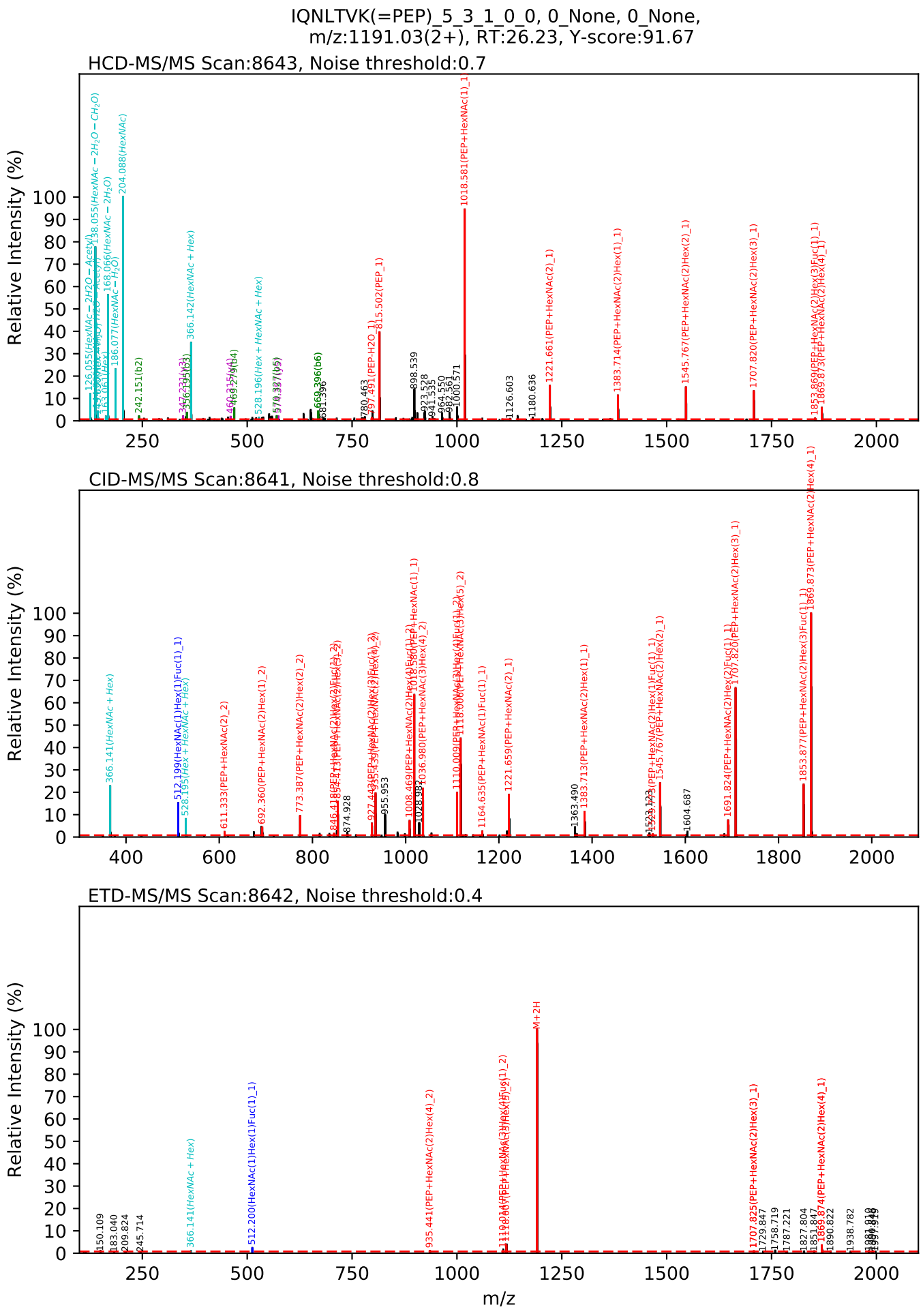

IQNLTVK(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1016.46(2+), RT:26.43, Y-score:89.06
HCD-MS/MS Scan:8744, Noise threshold:0.7
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
815.502(PEP_1)
797.492(PEP-H2O_1)
204.088(HexNAc)
242.151(b2)
669.396(b6)
528.196(Hex + HexNAc + Hex)
CID-MS/MS Scan:8745, Noise threshold:0.5
Relative Intensity (%)
935.442(PEP+HexNAc(2)Hex(4)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
611.335(PEP+HexNAc(2)_2)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
509.796(PEP+HexNAc(1)_2)
ETD-MS/MS Scan:8746, Noise threshold:0.6
Relative Intensity (%)
M+2H
854.413(PEP+HexNAc(2)Hex(3)_2)
935.441(PEP+HexNAc(2)Hex(4)_2)
1902.845
1990.919
m/z

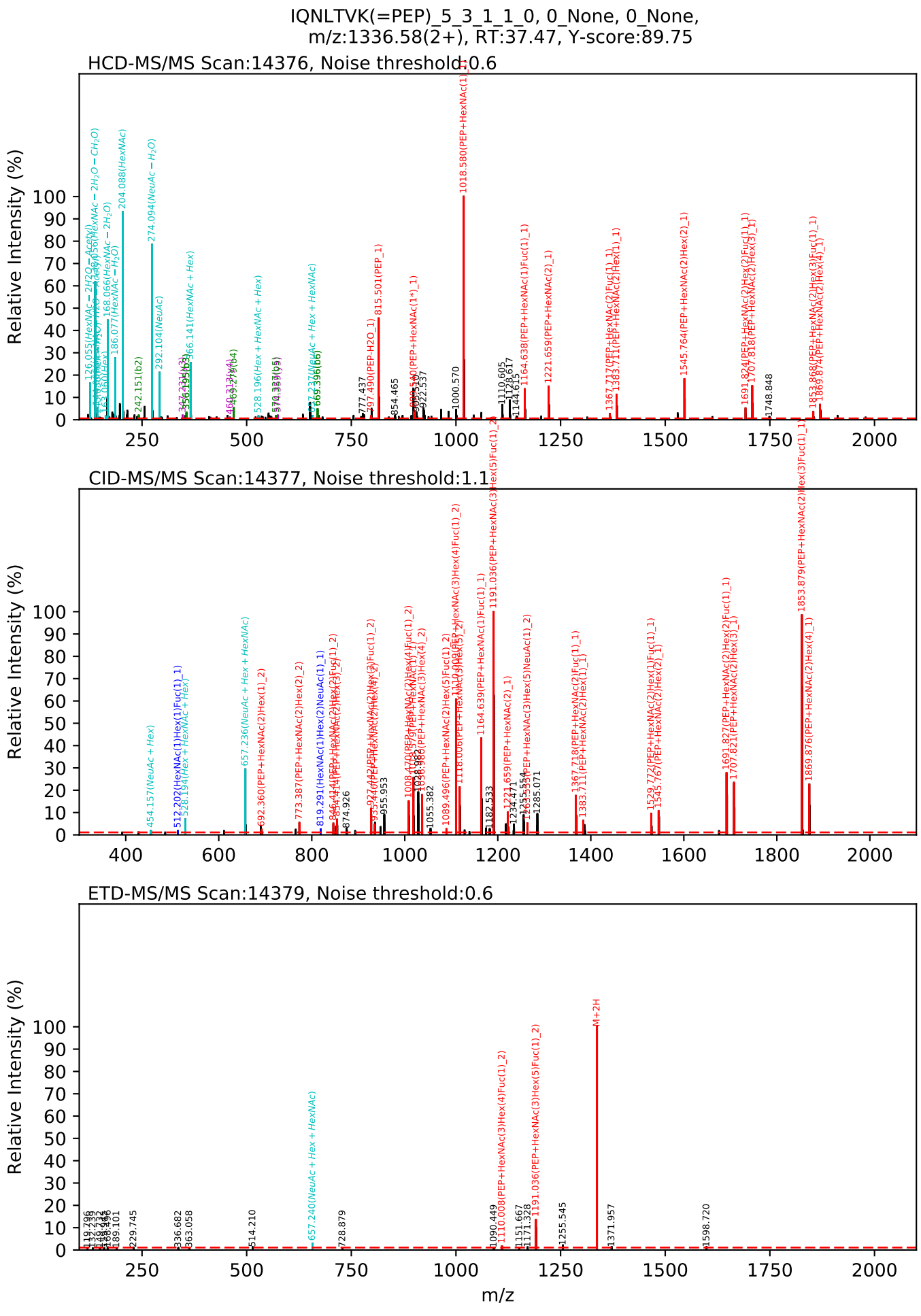

IQNLTVK(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1016.46(2+), RT:27.02, Y-score:83.31
HCD-MS/MS Scan:9050, Noise threshold:0.9
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
815.501(PEP_1)
797.489(PEP-H2O_1)
CID-MS/MS Scan:9051, Noise threshold:0.9
Relative Intensity (%)
935.445(PEP+HexNAc(2)Hex(4)_2)
854.418(PEP+HexNAc(2)Hex(3)_2)
773.392(PEP+HexNAc(2)Hex(2)_2)
611.338(PEP+HexNAc(2)_2)
692.364(PEP+HexNAc(2)Hex(1)_2)
509.796(PEP+HexNAc(1)_2)
366.143(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
815.505(PEP_1)
797.492(PEP-H2O_1)
1221.664(PEP+HexNAc(2)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:9052, Noise threshold:0.9
Relative Intensity (%)
M+2H
935.442(PEP+HexNAc(2)Hex(4)_2)
m/z

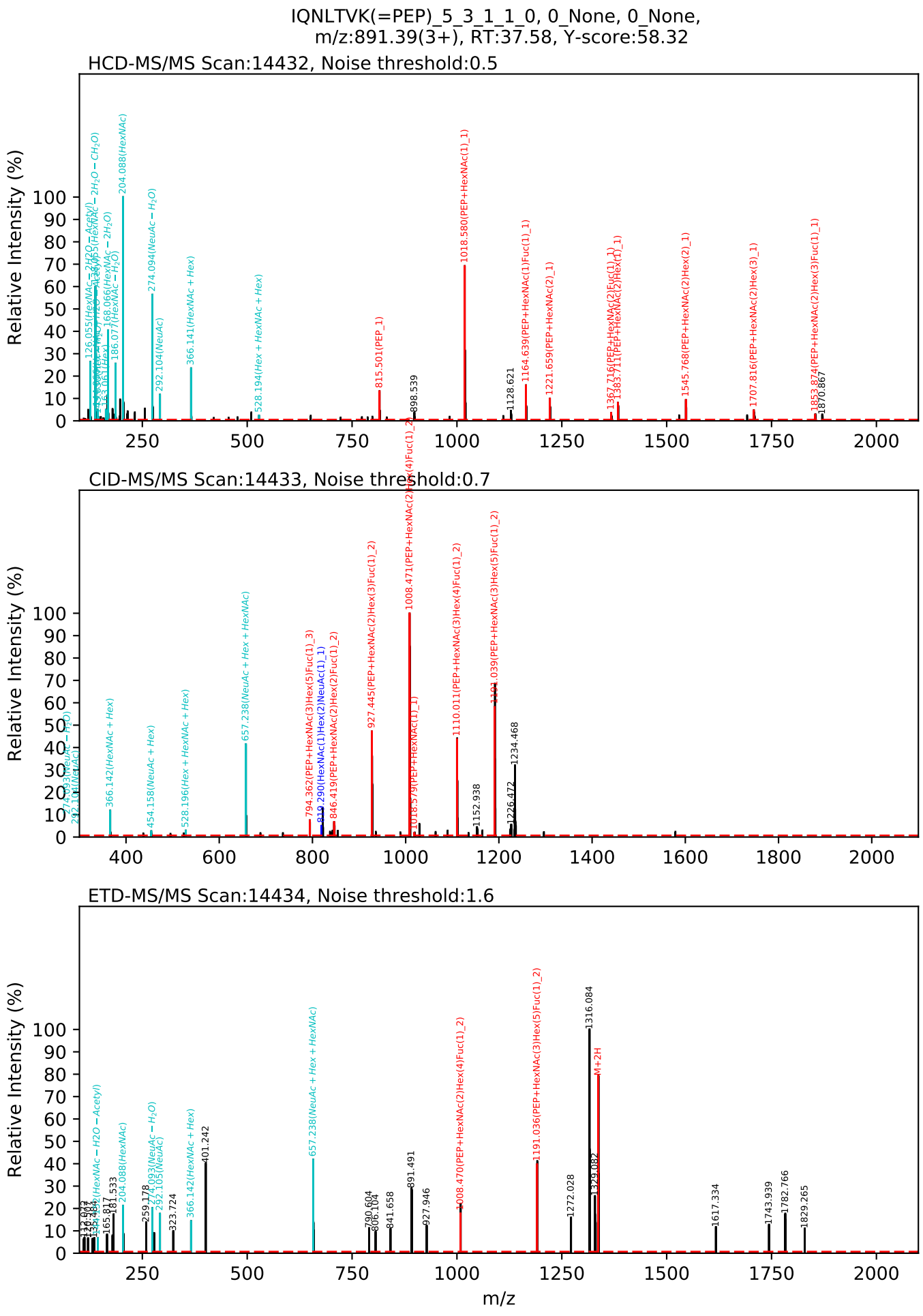

IQNLTVK(=PEP)_5_3_0_0_0, 0_None, 0_None,
m/z:1118.00(2+), RT:26.73, Y-score:90.50
HCD-MS/MS Scan:8900, Noise threshold:0.7
Relative Intensity (%)
138.056(HexNAc − 2H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
669.397(b6)
713.388
755.397
777.439
815.503(PEP_H2O_1)
872.477
898.540
1018.583(PEP+HexNAc(1)_1)
1127.609
1144.612
1221.663(PEP+HexNAc(2)_1)
1383.716(PEP+HexNAc(2)Hex(1)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1869.876(PEP+HexNAc(2)Hex(4)_1)
CID-MS/MS Scan:8901, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
875.431
935.441(PEP+HexNAc(2)Hex(4)_2)
956.456
982.561
1055.381
1180.636
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1495.122
1545.769(PEP+HexNAc(2)Hex(2)_1)
1576.152
1707.823(PEP+HexNAc(2)Hex(3)_1)
1869.876(PEP+HexNAc(2)Hex(4)_1)
ETD-MS/MS Scan:8902, Noise threshold:0.8
Relative Intensity (%)
138.056(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
204.088(HexNAc)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
935.443(PEP+HexNAc(2)Hex(4)_2)
1018.583(PEP+HexNAc(1)_1)
1036.982(PEP+HexNAc(3)Hex(4)_2)
M+2H
1221.662(PEP+HexNAc(2)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1744.766
1793.734
1845.814
1869.878(PEP+HexNAc(2)Hex(4)_1)
1906.814
1978.852
1998.929
m/z

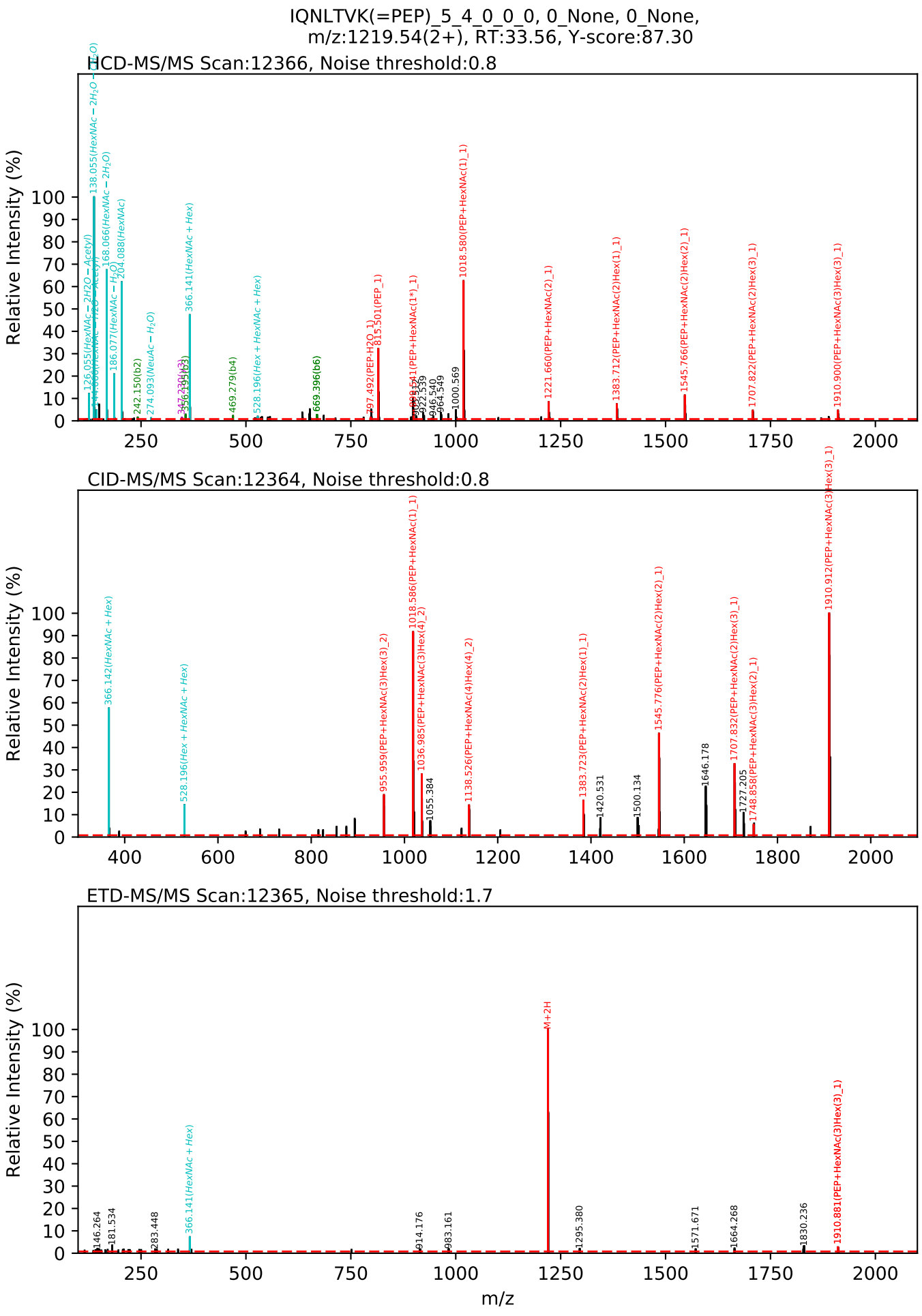

IQNLTVK(=PEP)_5_3_0_0_0, 0_None, 0_None,
m/z:1118.00(2+), RT:35.75, Y-score:83.97
HCD-MS/MS Scan:13481, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:13482, Noise threshold:0.9
Relative Intensity (%)
m/z

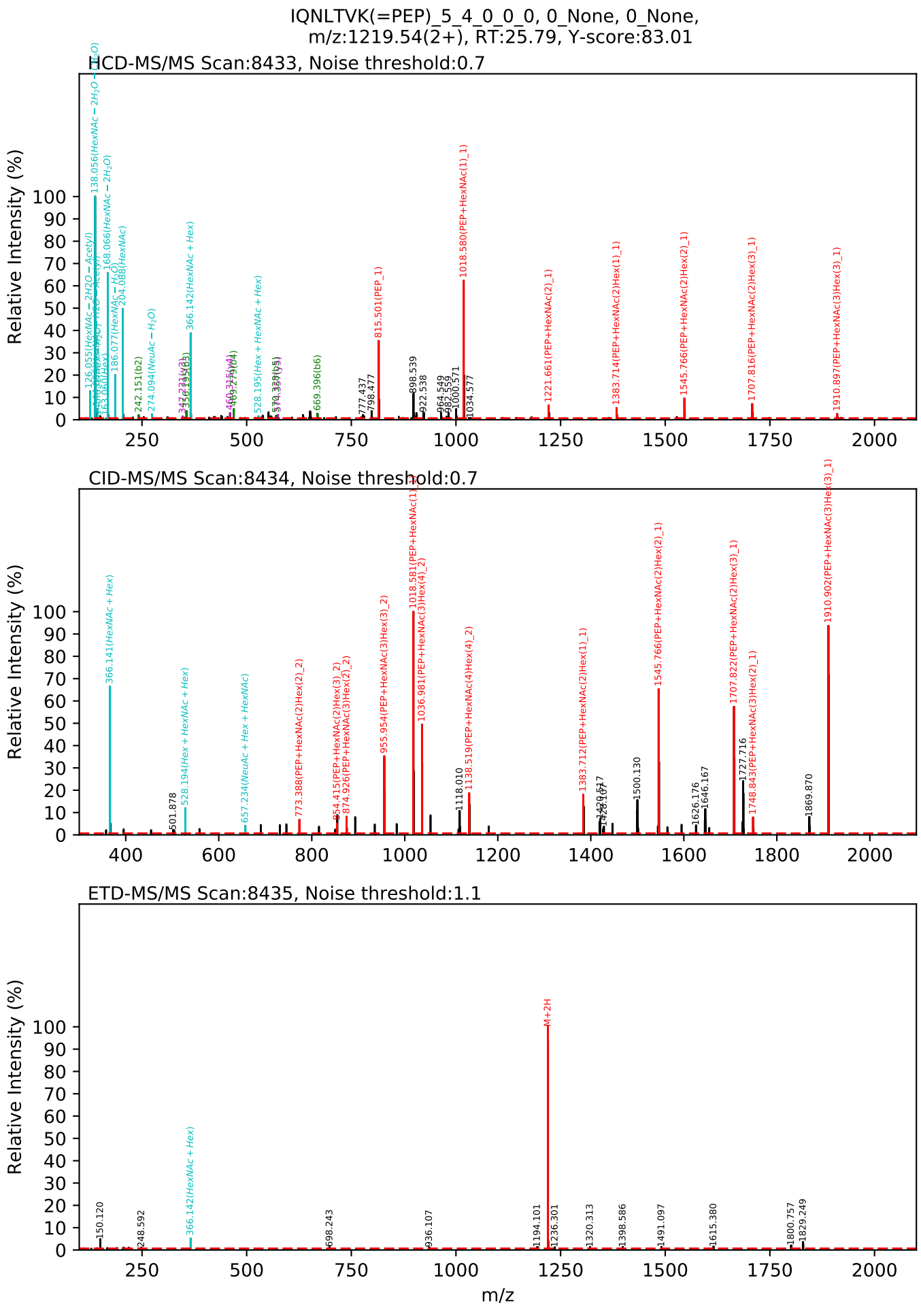

IQNLTVK(=PEP)_5_3_1_0_0, 0_None, 0_None,
m/z:1191.03(2+), RT:27.53, Y-score:89.47
HCD-MS/MS Scan:9307, Noise threshold:0.8
CID-MS/MS Scan:9308, Noise threshold:0.9
ETD-MS/MS Scan:9309, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

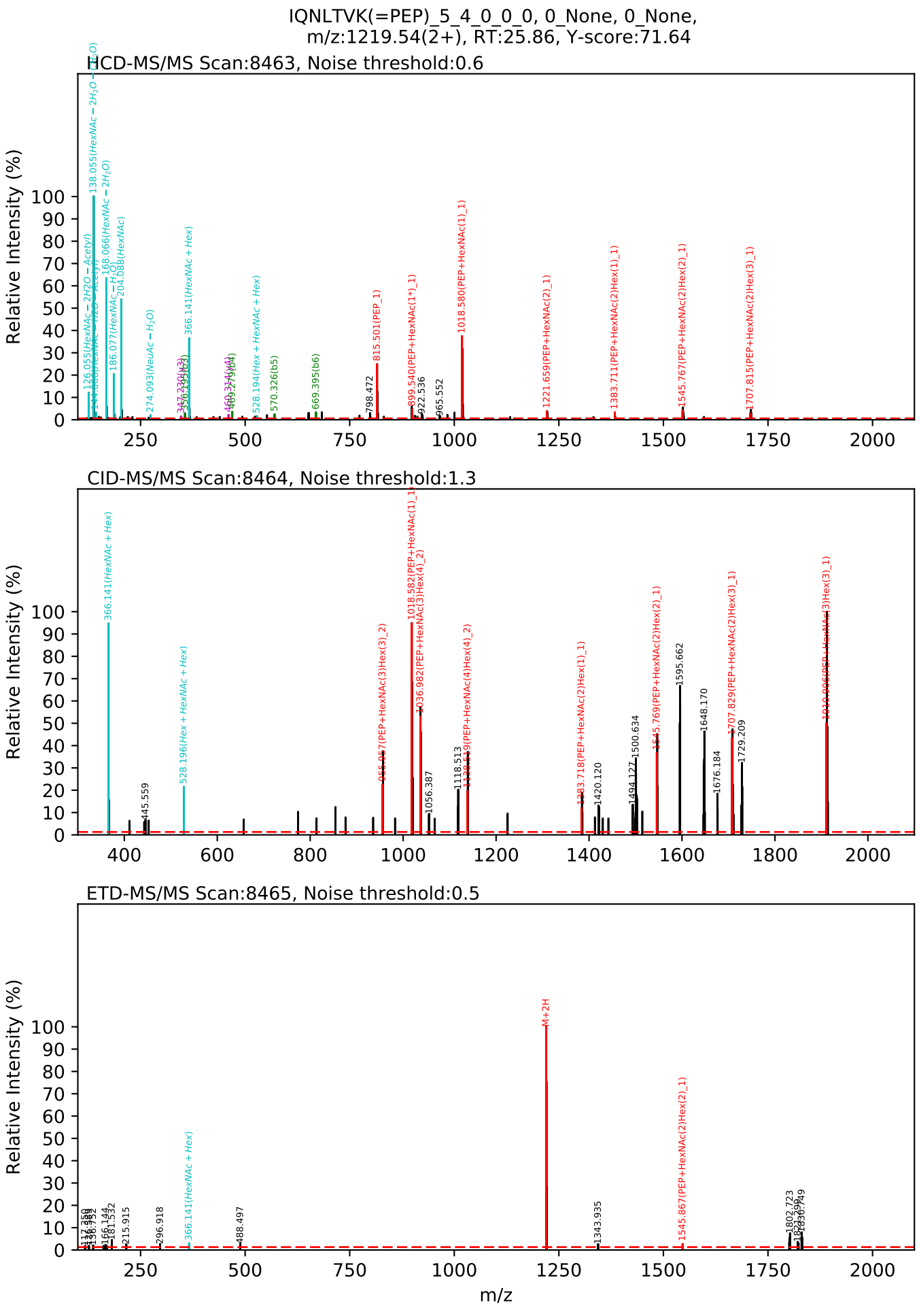

IQNLTVK(=PEP)_5_3_1_0_0, 0_None, 0_None,
m/z:1191.03(2+), RT:26.23, Y-score:91.67
HCD-MS/MS Scan:8643, Noise threshold:0.7
CID-MS/MS Scan:8641, Noise threshold:0.8
ETD-MS/MS Scan:8642, Noise threshold:0.4
Relative Intensity (%)
m/z

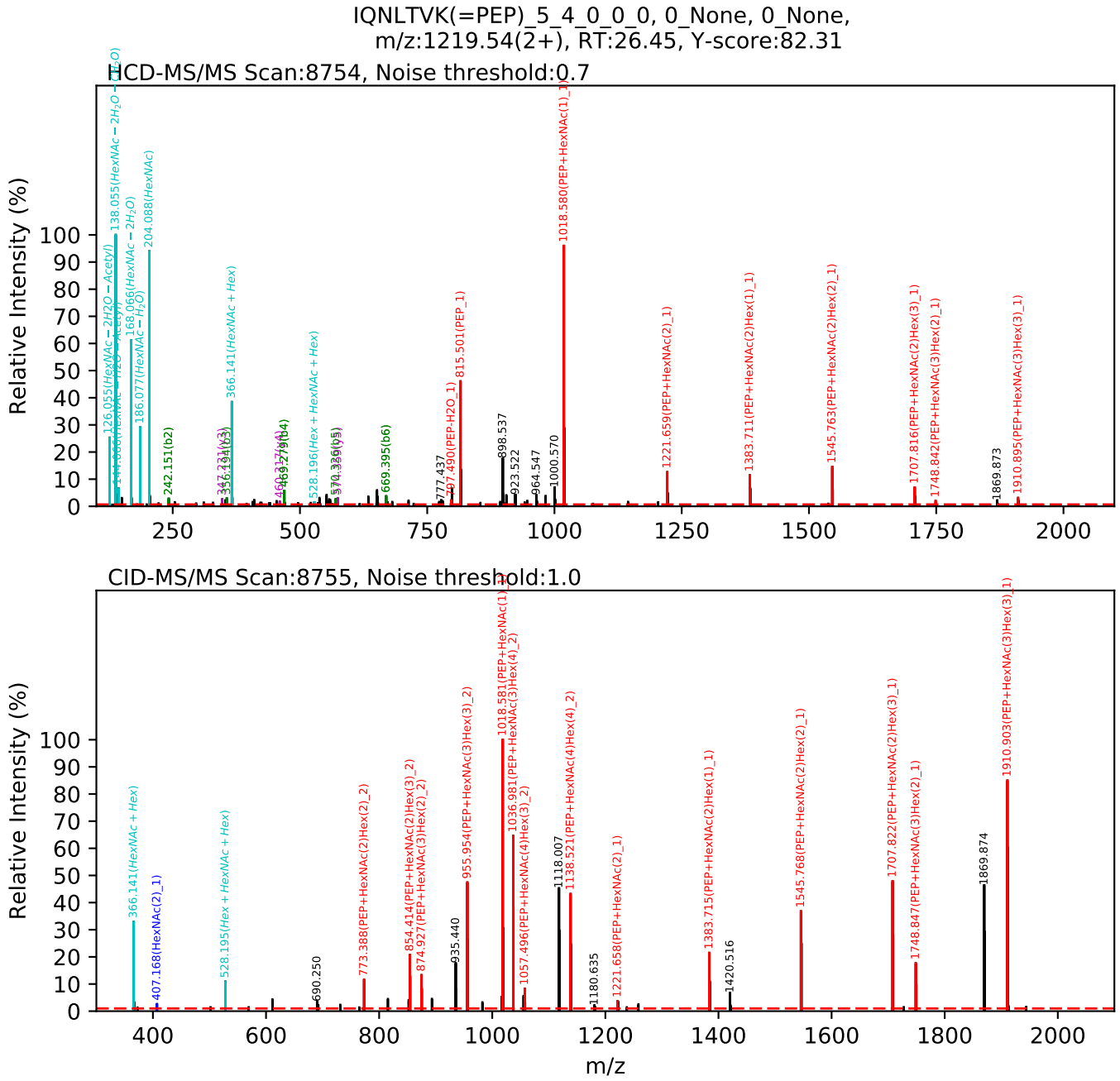

IQNLTVK(=PEP)_5_3_1_1_0, 0_None, 0_None,
m/z:1336.58(2+), RT:37.47, Y-score:89.75
HCD-MS/MS Scan:14376, Noise threshold:0.6
CID-MS/MS Scan:14377, Noise threshold:1.1
ETD-MS/MS Scan:14379, Noise threshold:0.6
Relative Intensity (%)
m/z

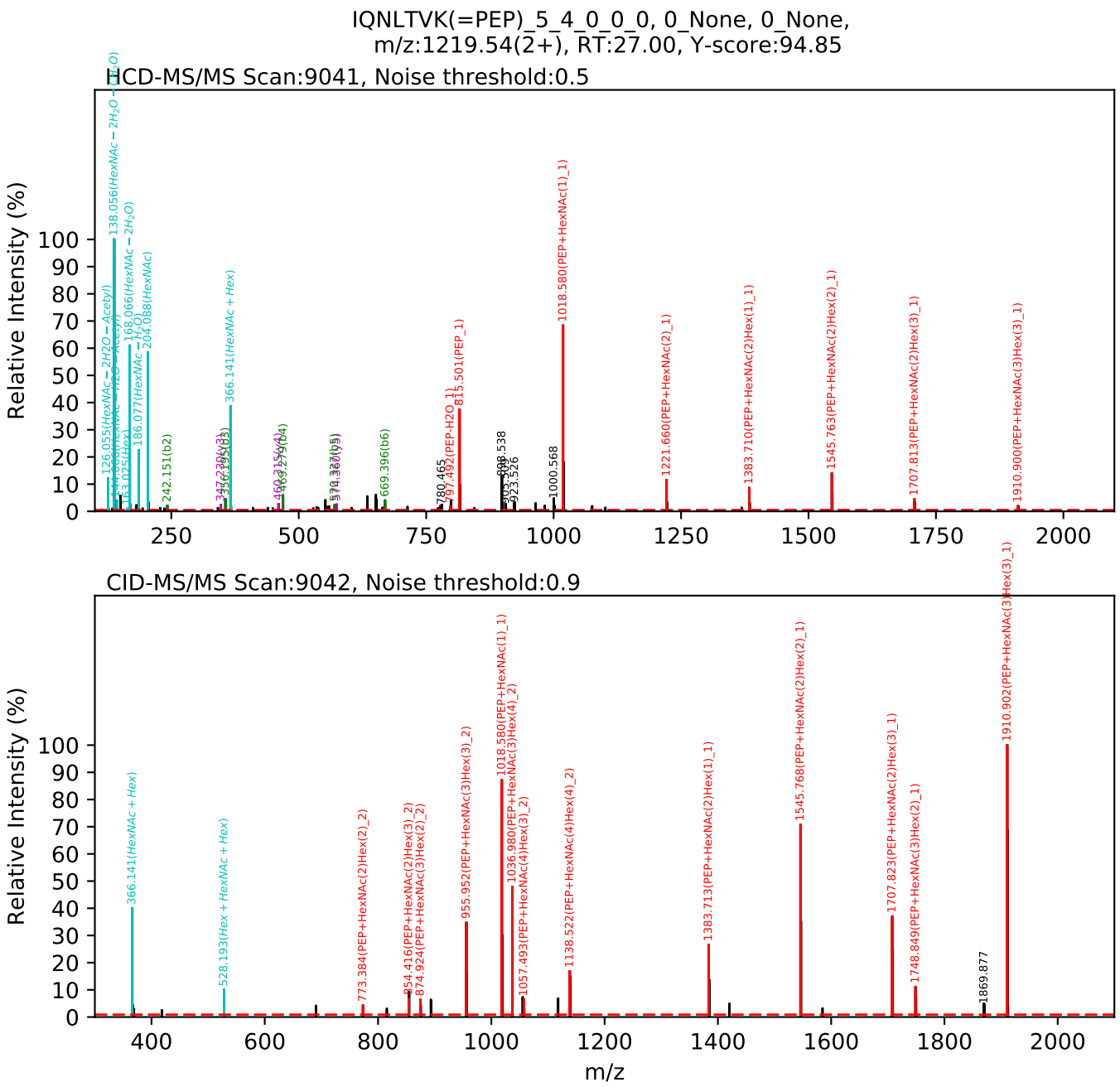

IQNLTVK(=PEP)_5_3_1_1_0, 0_None, 0_None,
m/z:891.39(3+), RT:37.58, Y-score:58.32
HCD-MS/MS Scan:14432, Noise threshold:0.5
CID-MS/MS Scan:14433, Noise threshold:0.7
ETD-MS/MS Scan:14434, Noise threshold:1.6
Relative Intensity (%)
m/z
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
815.501(PEP_1)
898.539
1018.580(PEP+HexNAc(1)_1)
1128.621
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
1870.867
454.158(NeuAc + Hex)
657.238(NeuAc + Hex + HexNAc)
794.362(PEP+HexNAc(3)Hex(5)Fuc(1)_3)
846.419(PEP+HexNAc(2)Hex(2)Fuc(1)_2)
927.445(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1008.471(PEP+HexNAc(2)Hex(4)Fuc(1)_2)
1110.011(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1191.039(PEP+HexNAc(3)Hex(5)Fuc(1)_2)
1234.468
1152.938
1226.472
259.178
323.724
401.242
790.604
806.104
841.658
891.491
927.946
1272.028
1316.084
M+2H
1329.082
1617.334
1743.939
1782.766
1829.265

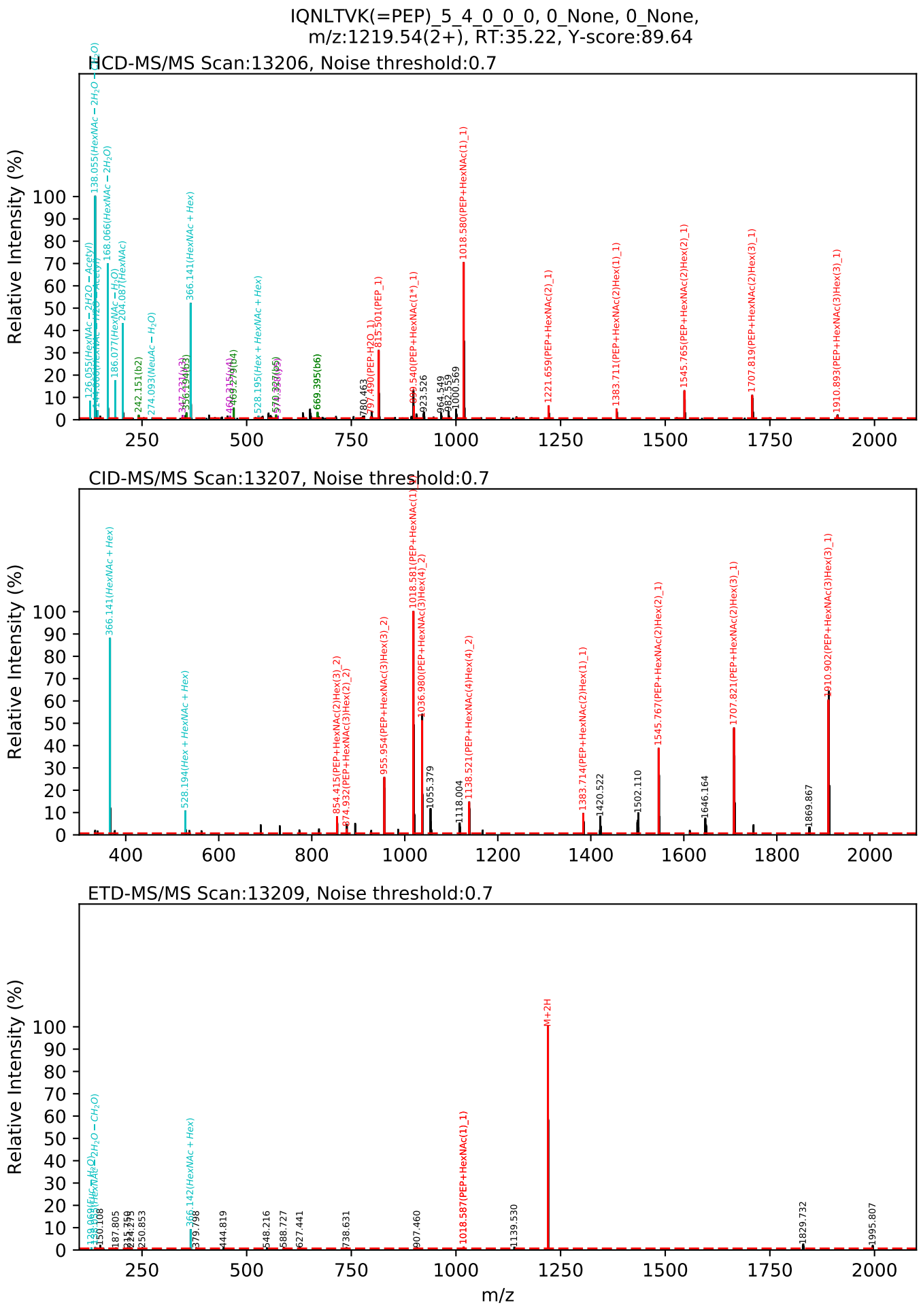

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:33.56, Y-score:87.30
HCD-MS/MS Scan:12366, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
669.396(b6)
1018.580(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1910.900(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:12364, Noise threshold:0.8
Relative Intensity (%)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
955.959(PEP+HexNAc(3)Hex(3)_2)
1018.586(PEP+HexNAc(1)_1)
1036.985(PEP+HexNAc(3)Hex(4)_2)
1138.526(PEP+HexNAc(4)Hex(4)_2)
1383.723(PEP+HexNAc(2)Hex(1)_1)
1545.776(PEP+HexNAc(2)Hex(2)_1)
1707.832(PEP+HexNAc(2)Hex(3)_1)
1910.912(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:12365, Noise threshold:1.7
Relative Intensity (%)
366.141(HexNAc + Hex)
M+2H
1910.881(PEP+HexNAc(3)Hex(3)_1)
m/z

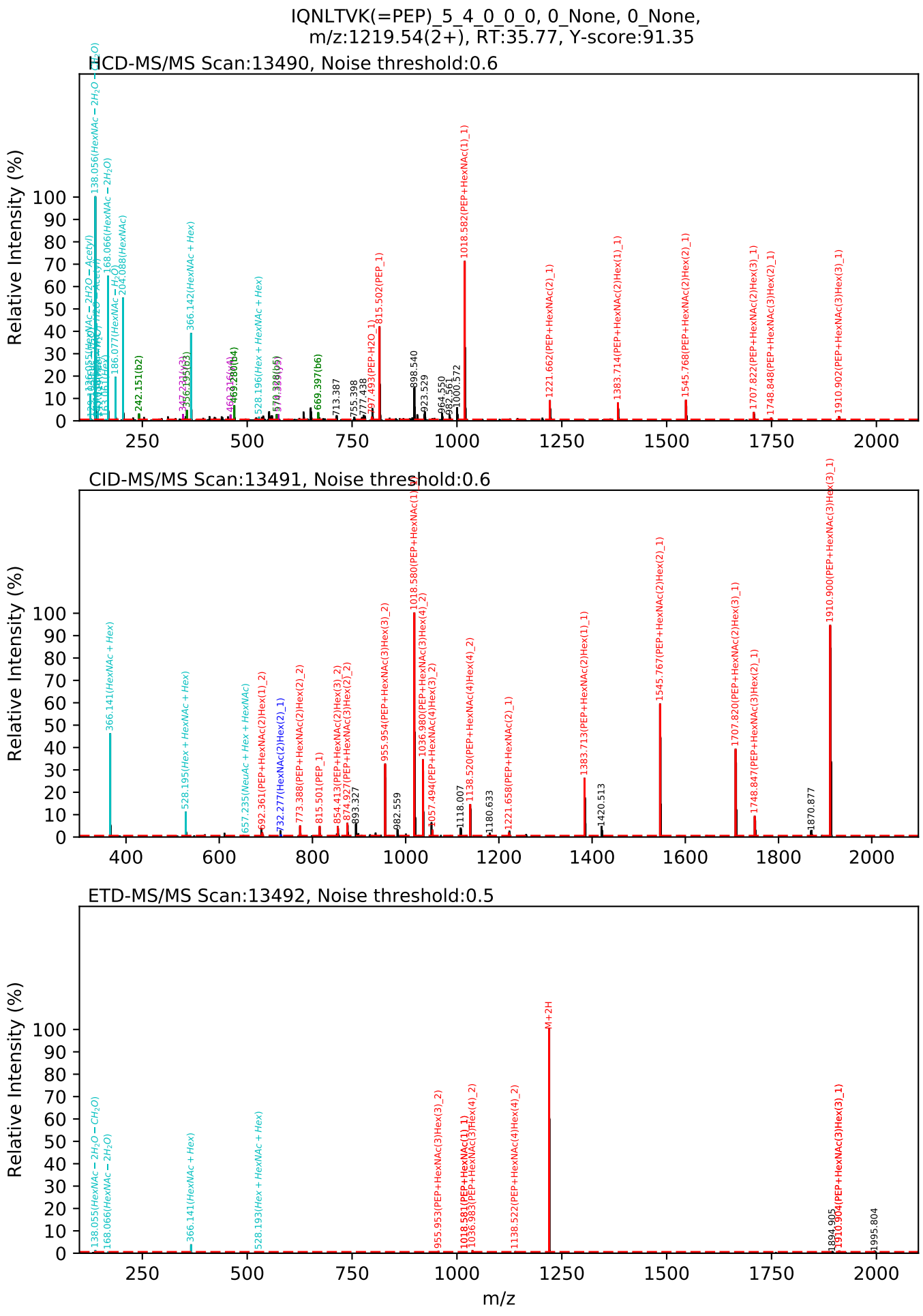

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:25.79, Y-score:83.01
HCD-MS/MS Scan:8433, Noise threshold:0.7
CID-MS/MS Scan:8434, Noise threshold:0.7
ETD-MS/MS Scan:8435, Noise threshold:1.1
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:25.86, Y-score:71.64
HCD-MS/MS Scan:8463, Noise threshold:0.6
CID-MS/MS Scan:8464, Noise threshold:1.3
ETD-MS/MS Scan:8465, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H
366.141(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
1018.582(PEP+HexNAc(1)_1)
1036.982(PEP+HexNAc(3)Hex(4)_2)
1383.718(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.829(PEP+HexNAc(2)Hex(3)_1)
1545.867(PEP+HexNAc(2)Hex(2)_1)


IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:26.45, Y-score:82.31
HCD-MS/MS Scan:8754, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:8755, Noise threshold:1.0
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:27.00, Y-score:94.85
HCD-MS/MS Scan:9041, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
669.396(b6)
780.465
797.492(PEP-H2O_1)
815.501(PEP_1)
1000.568
1018.580(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.813(PEP+HexNAc(2)Hex(3)_1)
1910.900(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:9042, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
773.384(PEP+HexNAc(2)Hex(2)_2)
854.416(PEP+HexNAc(2)Hex(3)_2)
874.924(PEP+HexNAc(3)Hex(2)_2)
955.952(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.493(PEP+HexNAc(4)Hex(3)_2)
1138.522(PEP+HexNAc(4)Hex(4)_2)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1869.877
1910.902(PEP+HexNAc(3)Hex(3)_1)
m/z


IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:35.22, Y-score:89.64
HCD-MS/MS Scan:13206, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
274.093(NeuAc − H2O)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
669.395(b6)
780.463
897.490(PEP-H2O_1)
815.501(PEP_1)
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1910.893(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13207, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
854.415(PEP+HexNAc(2)Hex(3)_2)
874.932(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1055.379
1118.004
1138.521(PEP+HexNAc(4)Hex(4)_2)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1420.522
1502.110
1545.767(PEP+HexNAc(2)Hex(2)_1)
1646.164
1707.821(PEP+HexNAc(2)Hex(3)_1)
1869.867
1910.902(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:13209, Noise threshold:0.7
Relative Intensity (%)
M+2H
366.142(HexNAc + Hex)
1018.587(PEP+HexNAc(1)_1)
1829.732
1995.807
m/z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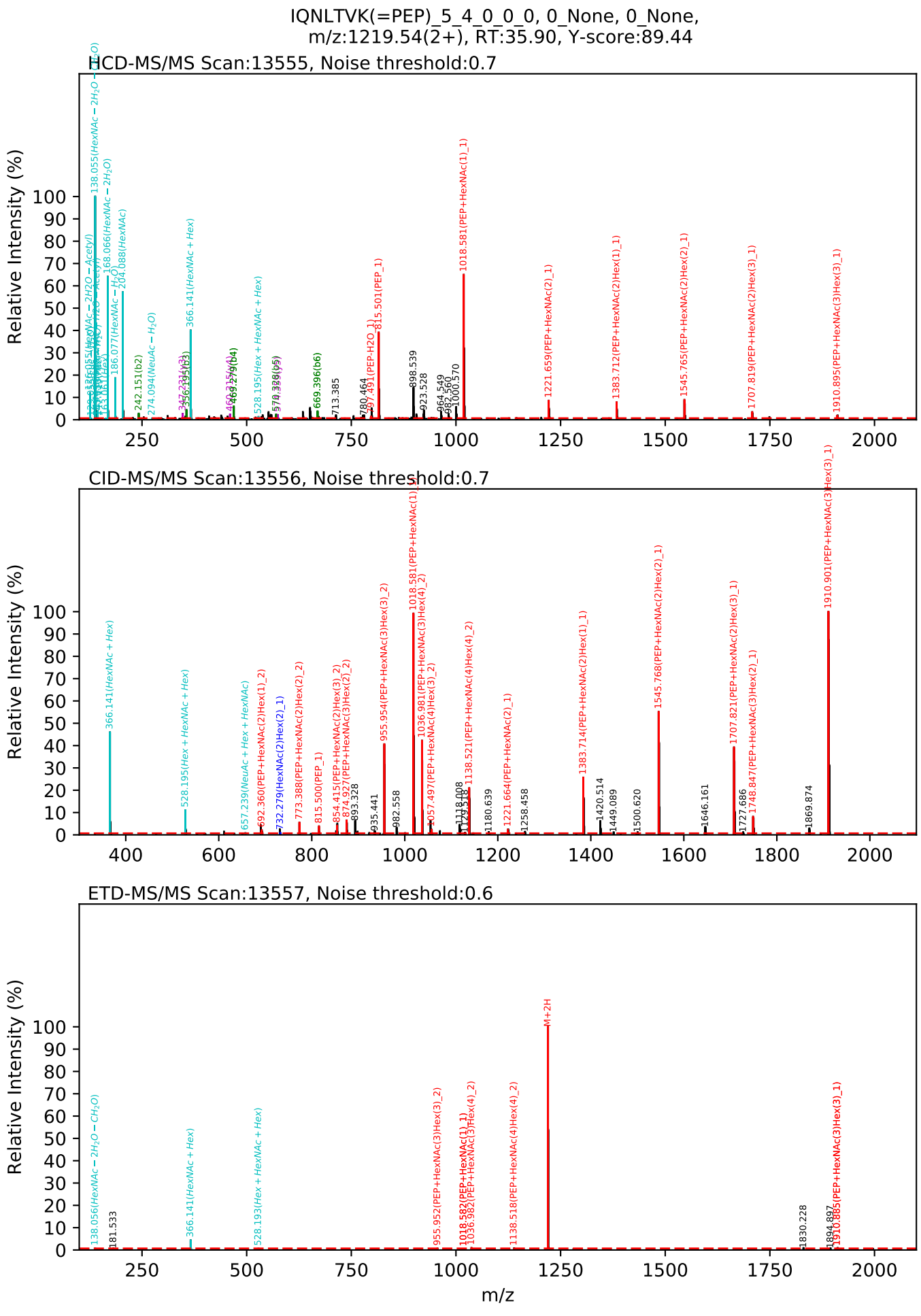
m/z:1219.54(2+), RT:35.77, Y-score:91.35
HCD-MS/MS Scan:13490, Noise threshold:0.6
CID-MS/MS Scan:13491, Noise threshold:0.6
ETD-MS/MS Scan:13492, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H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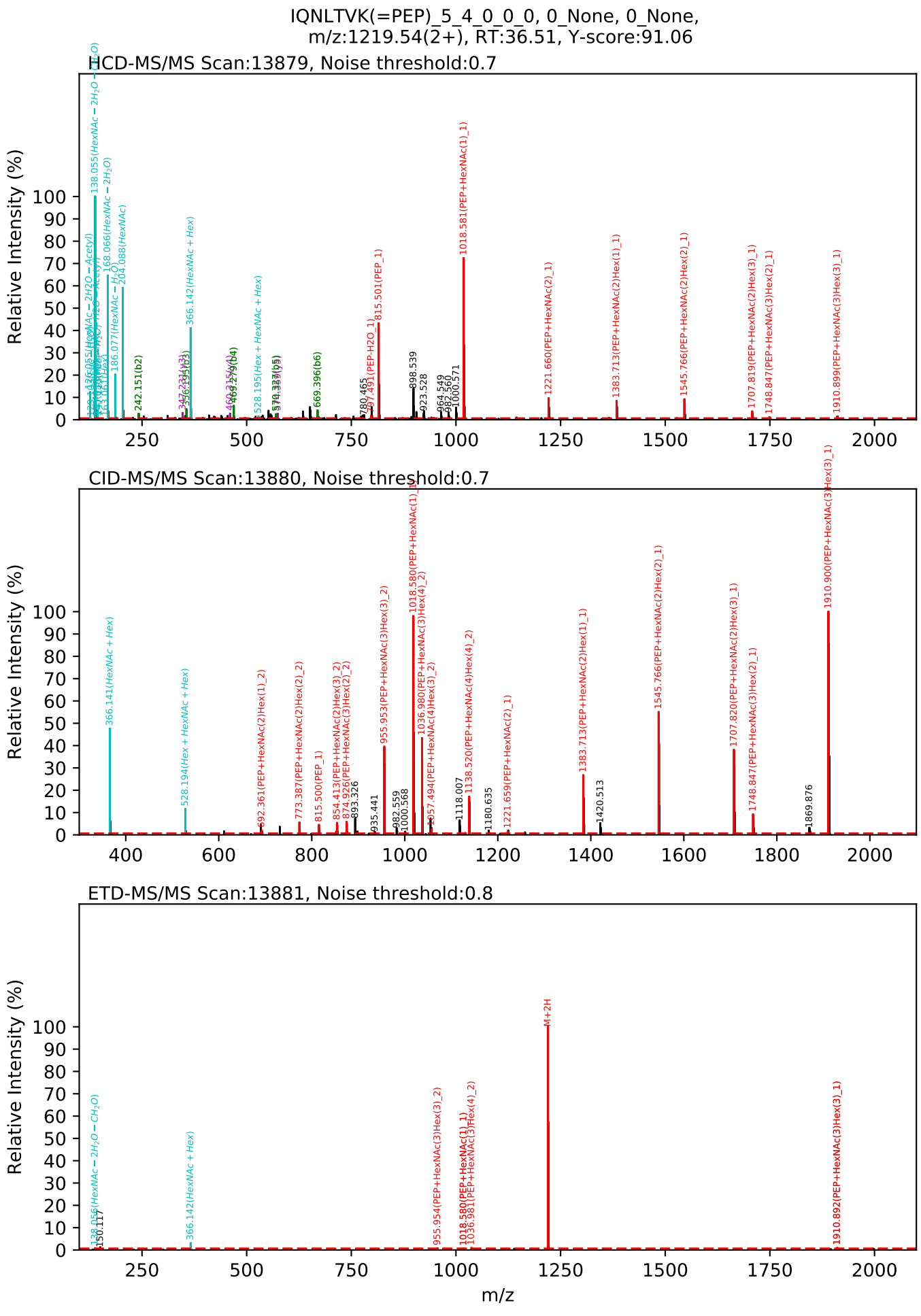
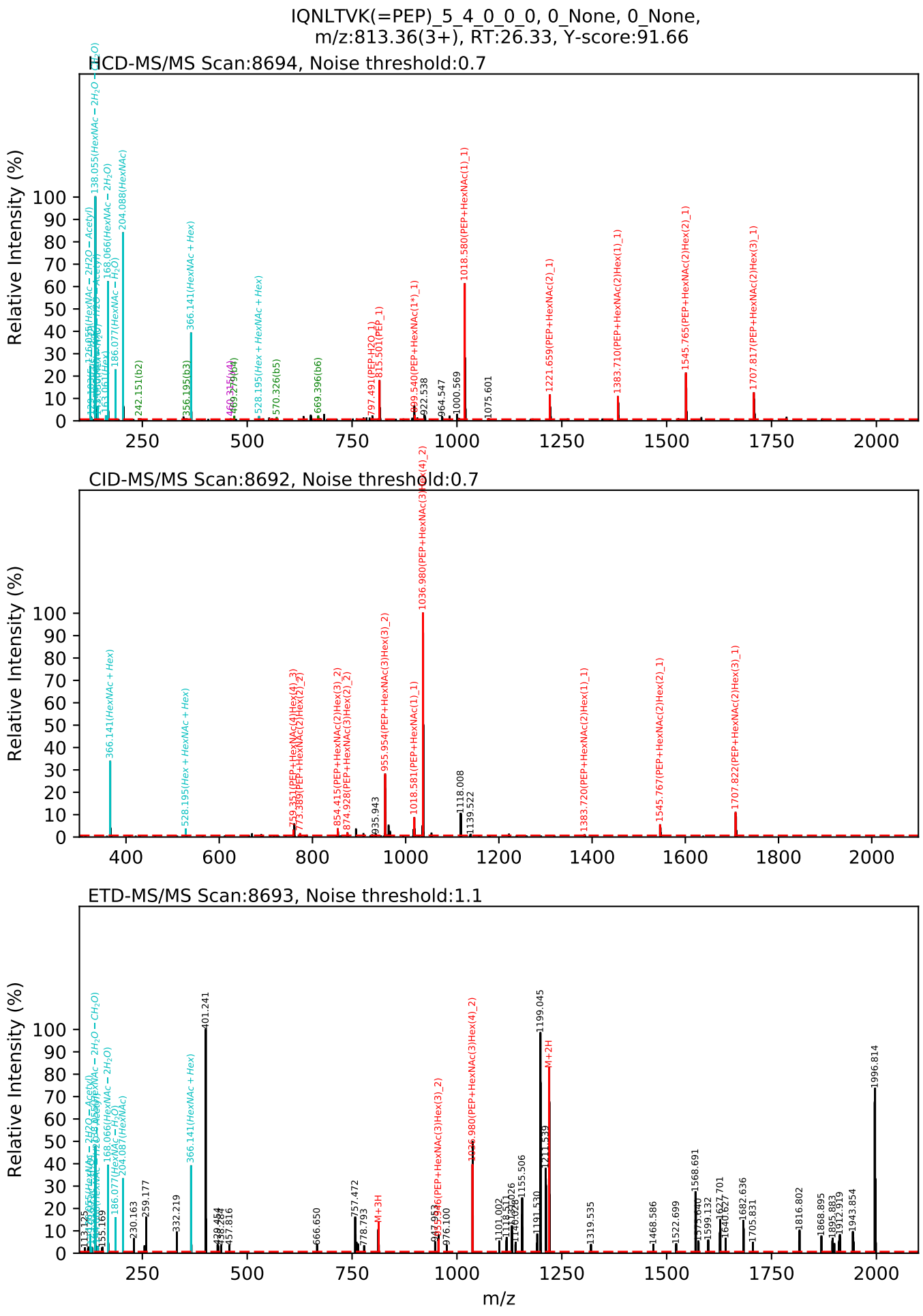
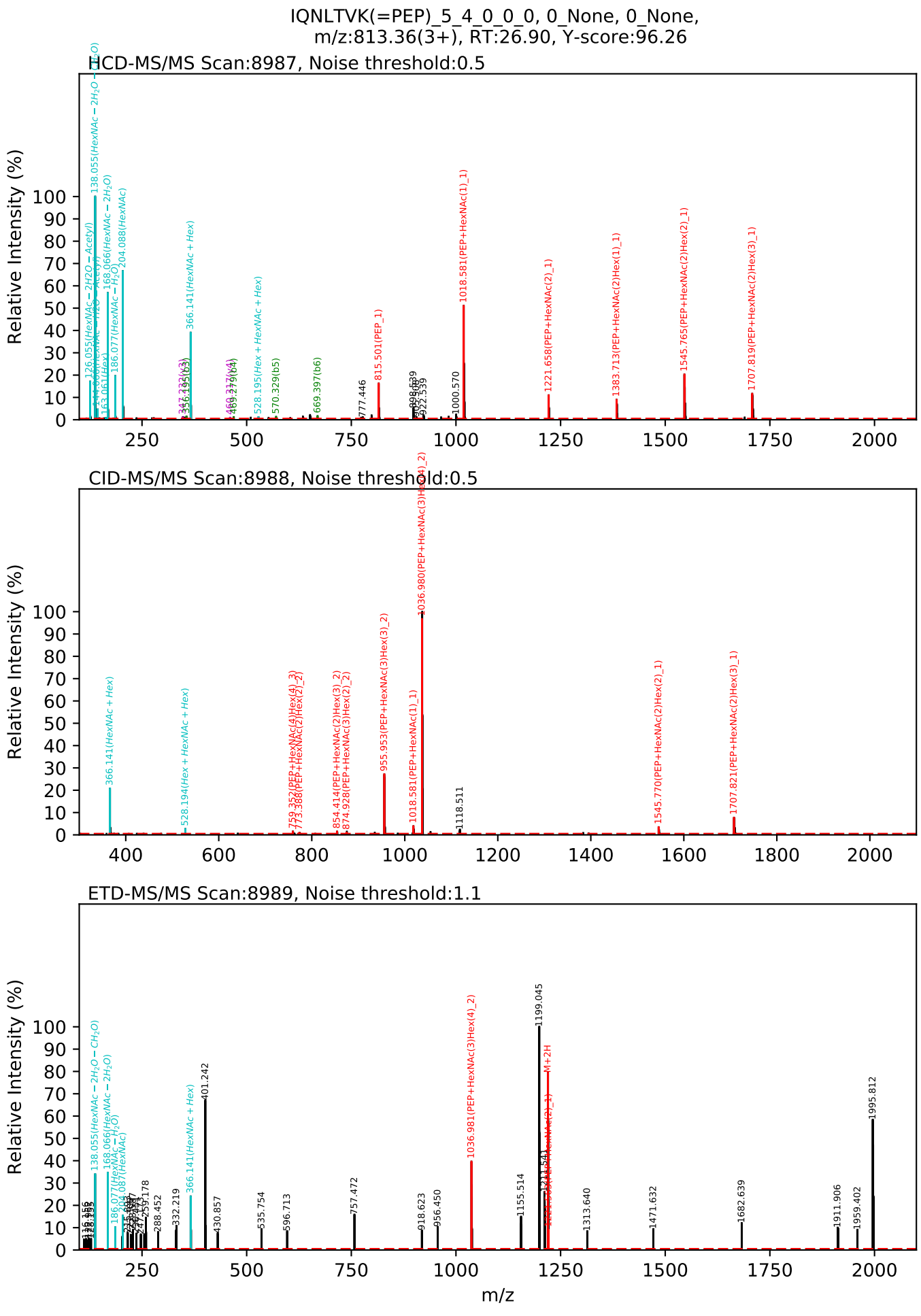
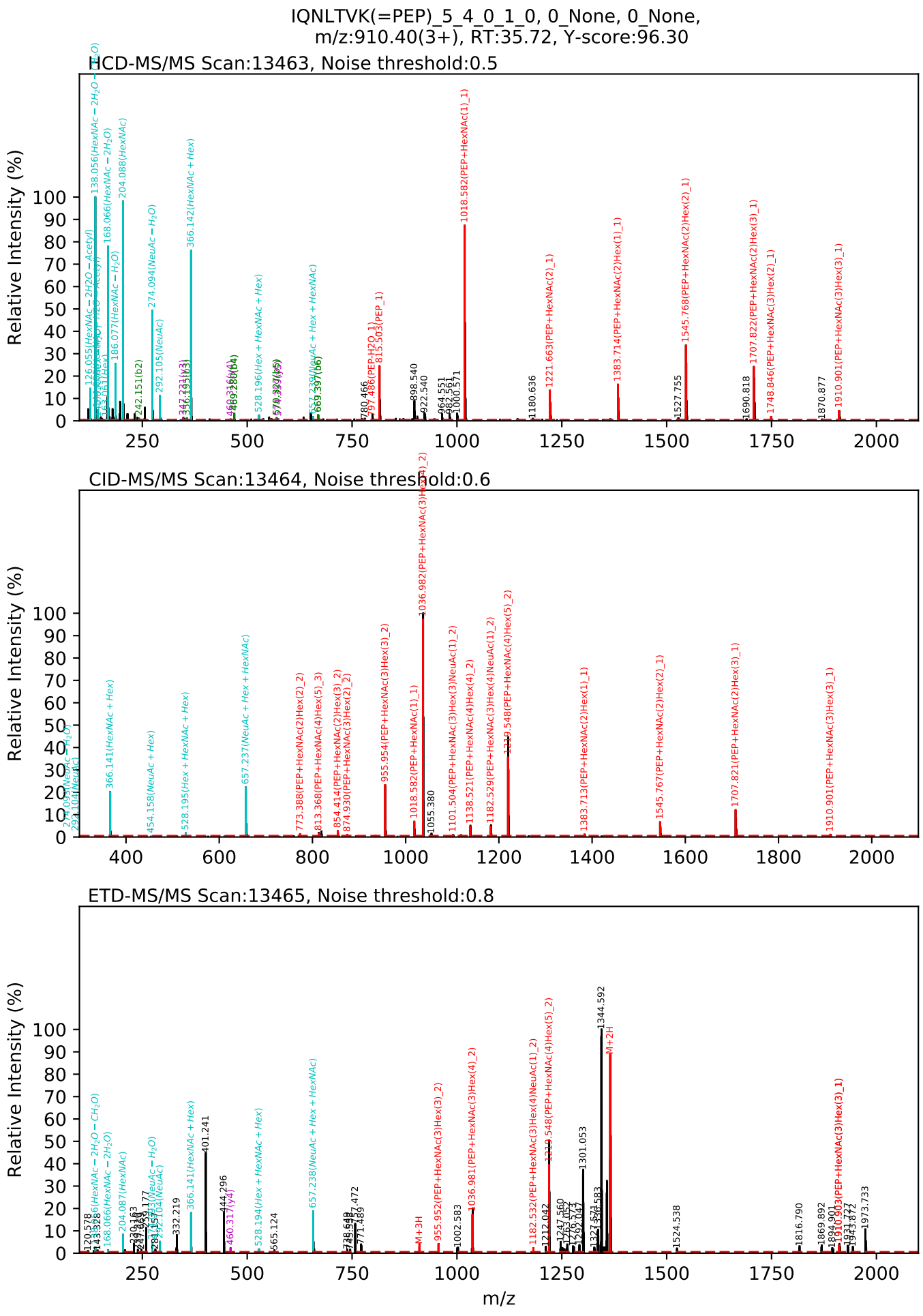
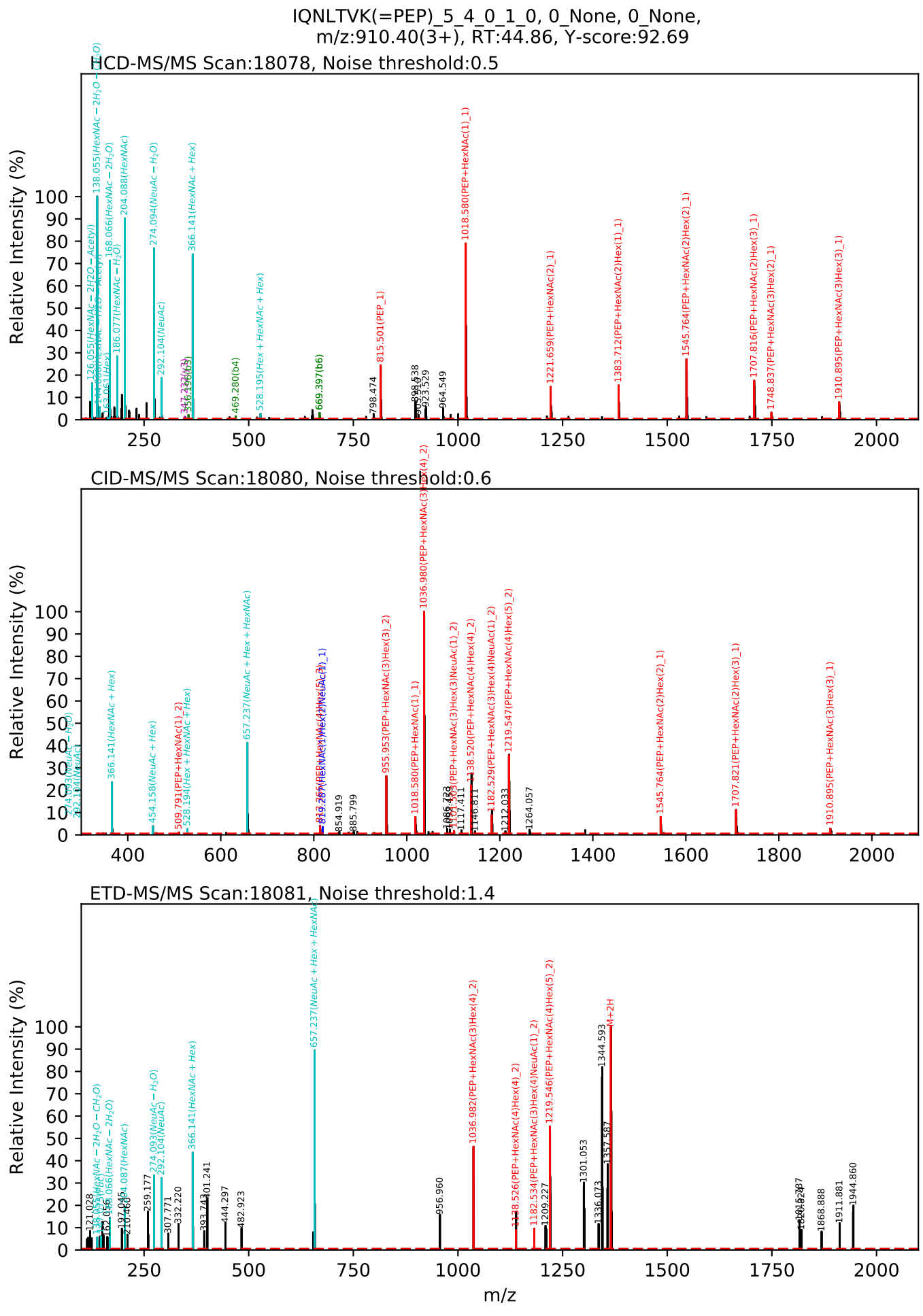
m/z:1219.54(2+), RT:35.90, Y-score:89.44
HCD-MS/MS Scan:13555, Noise threshold:0.7
CID-MS/MS Scan:13556, Noise threshold:0.7
ETD-MS/MS Scan:13557, Noise threshold:0.6
Relative Intensity (%)
m/z
M+2H

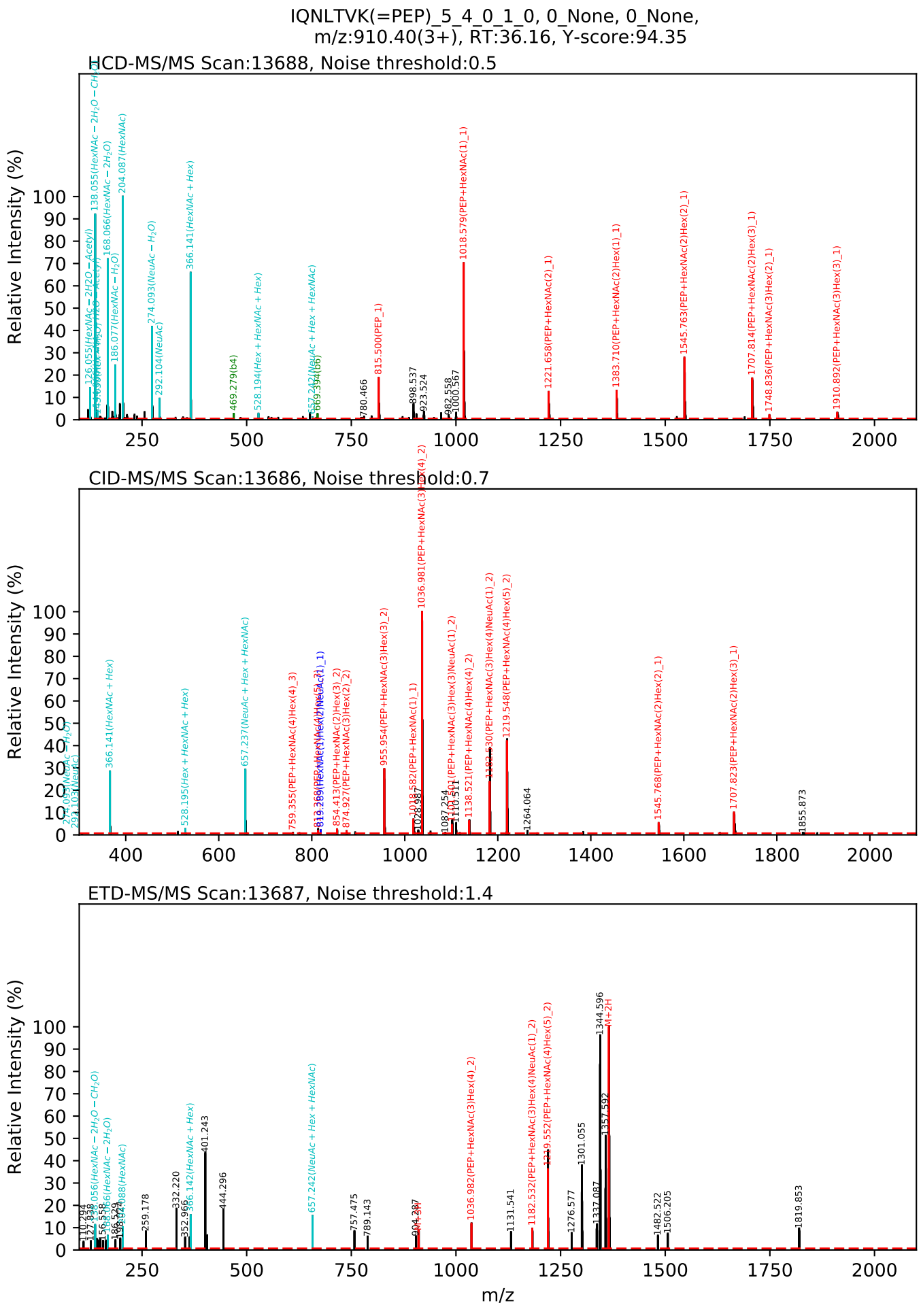

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:36.51, Y-score:91.06
HCD-MS/MS Scan:13879, Noise threshold:0.7
CID-MS/MS Scan:13880, Noise threshold:0.7
ETD-MS/MS Scan:13881, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H

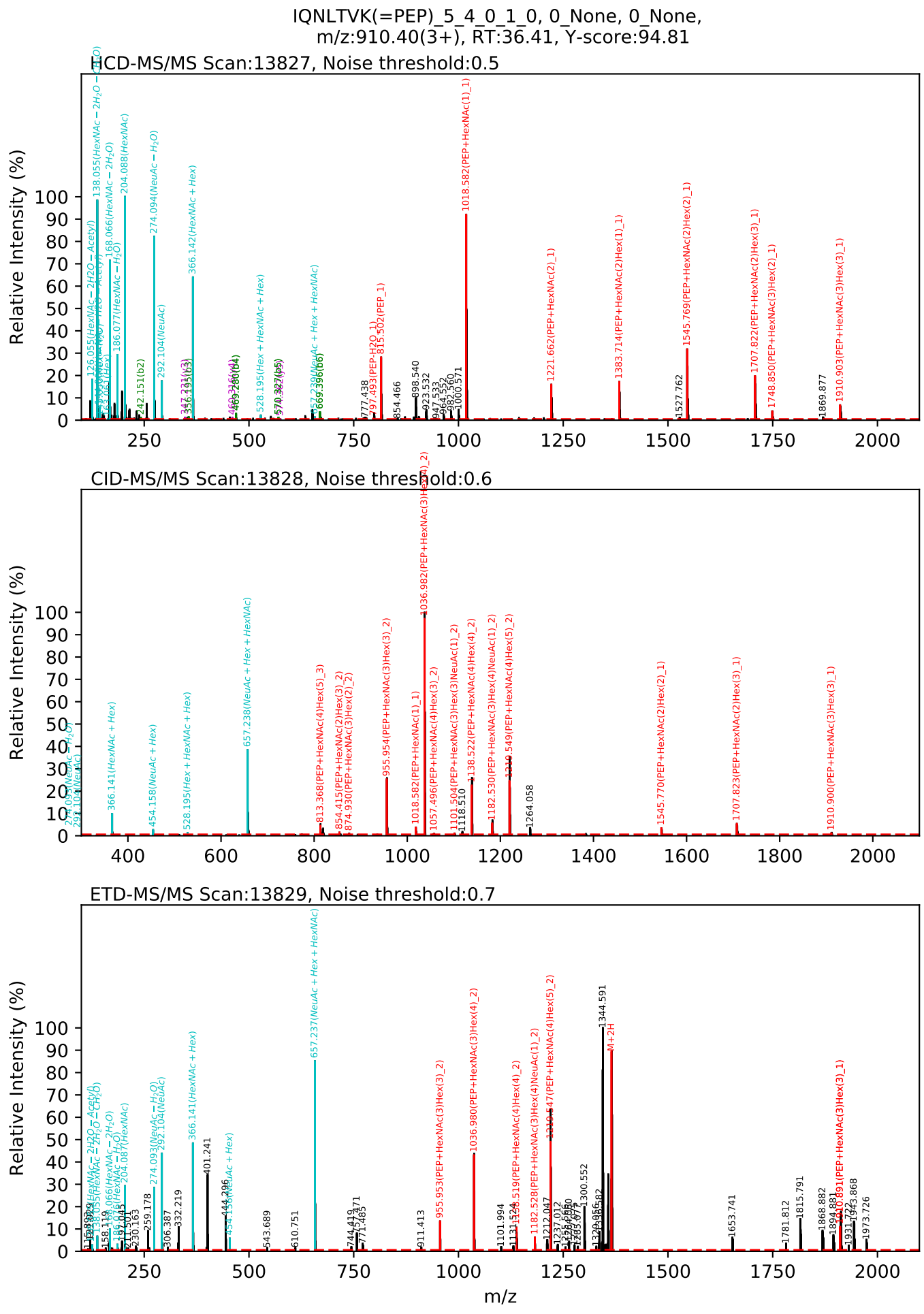

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:813.36(3+), RT:26.33, Y-score:91.66
HCD-MS/MS Scan:8694, Noise threshold:0.7
CID-MS/MS Scan:8692, Noise threshold:0.7
ETD-MS/MS Scan:8693, Noise threshold:1.1
Relative Intensity (%)
m/z

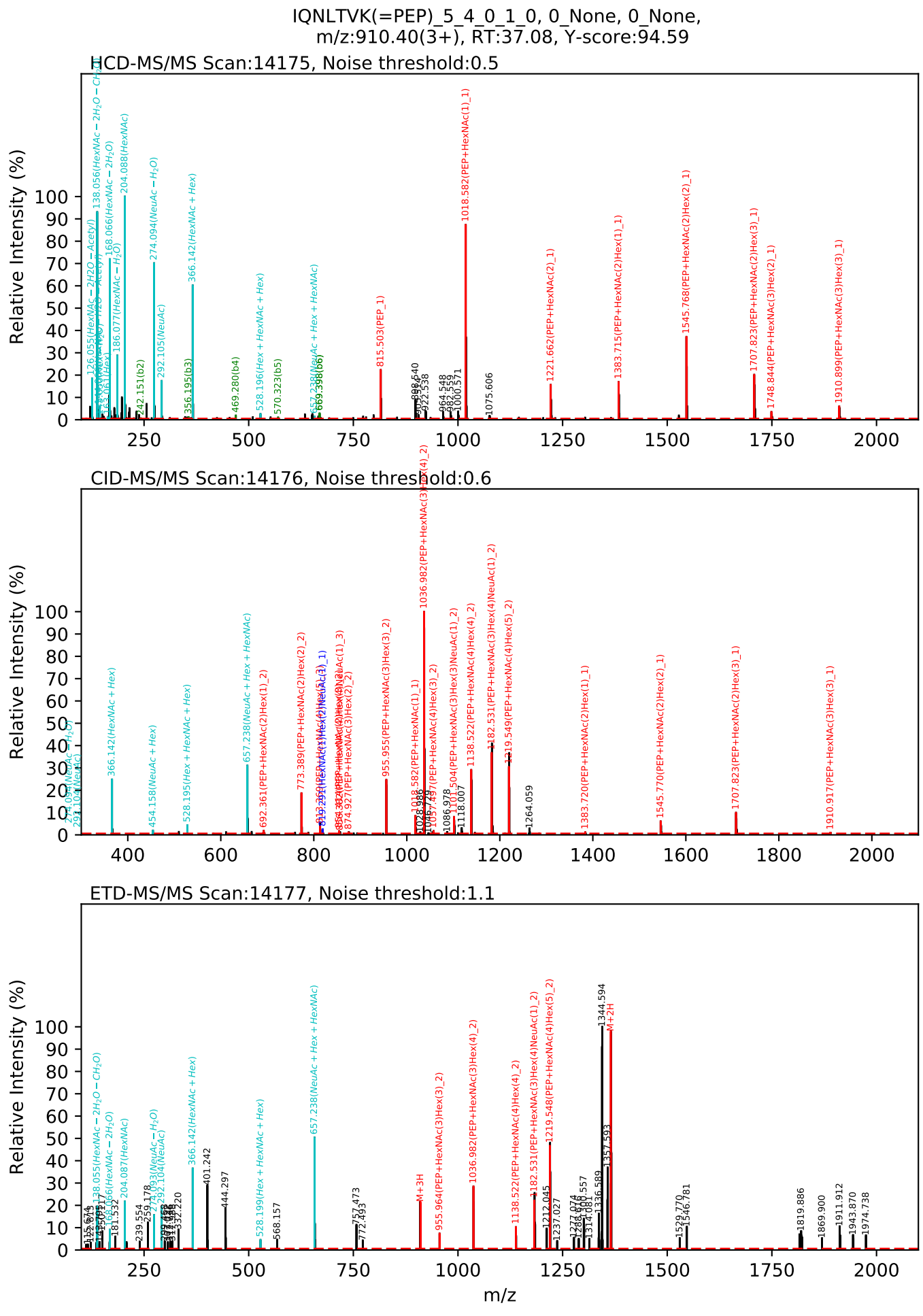

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:813.36(3+), RT:26.90, Y-score:96.26
HCD-MS/MS Scan:8987, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
163.061(Hex − H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
347.232(y3)
366.141(HexNAc + Hex)
460.317(y4)
528.195(Hex + HexNAc + Hex)
570.329(b5)
669.397(b6)
777.446
815.501(PEP_1)
1000.570
1018.581(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:8988, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
759.352(PEP+HexNAc(4)Hex(4)_3)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1118.511
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:8989, Noise threshold:1.1
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
259.178
288.452
332.219
366.141(HexNAc + Hex)
401.242
430.857
535.754
596.713
757.472
918.623
956.450
1036.981(PEP+HexNAc(3)Hex(4)_2)
1155.514
1199.045
M+2H
1313.640
1471.632
1682.639
1911.906
1959.402
1995.812
m/z

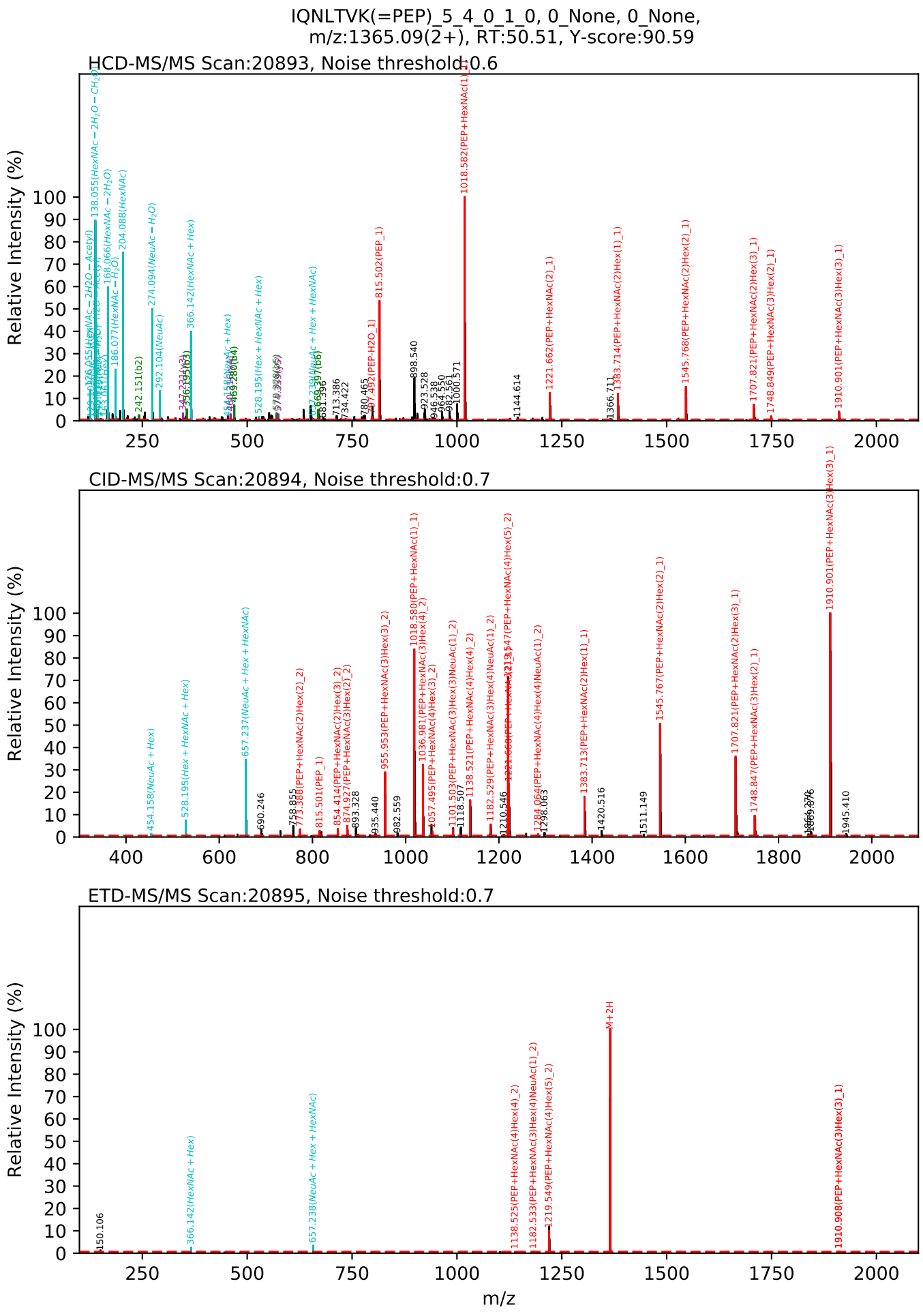

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:35.72, Y-score:96.30
HCD-MS/MS Scan:13463, Noise threshold:0.5
CID-MS/MS Scan:13464, Noise threshold:0.6
ETD-MS/MS Scan:13465, Noise threshold:0.8
Relative Intensity (%)
m/z

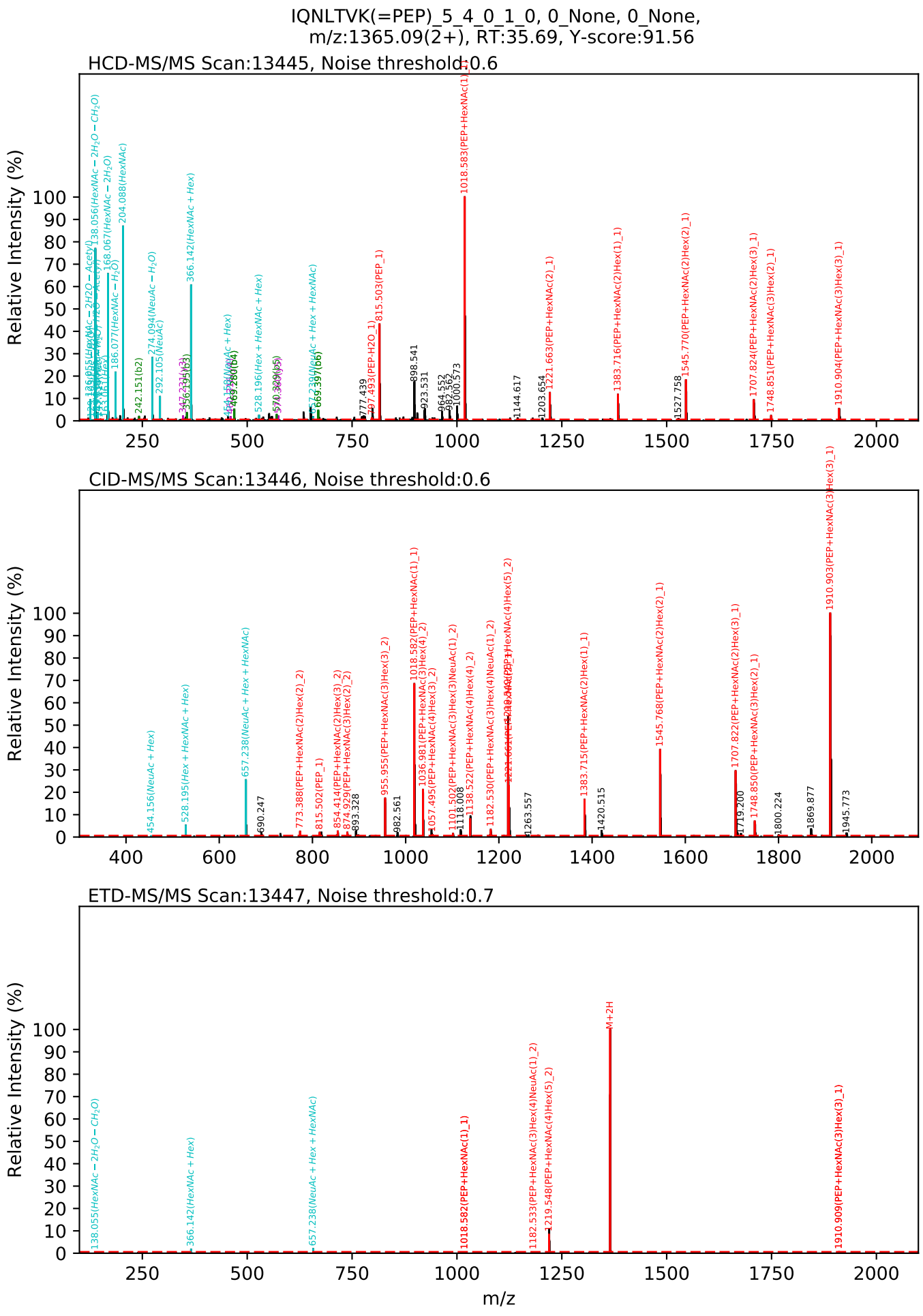

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:44.86, Y-score:92.69
HCD-MS/MS Scan:18078, Noise threshold:0.5
CID-MS/MS Scan:18080, Noise threshold:0.6
ETD-MS/MS Scan:18081, Noise threshold:1.4
Relative Intensity (%)
m/z

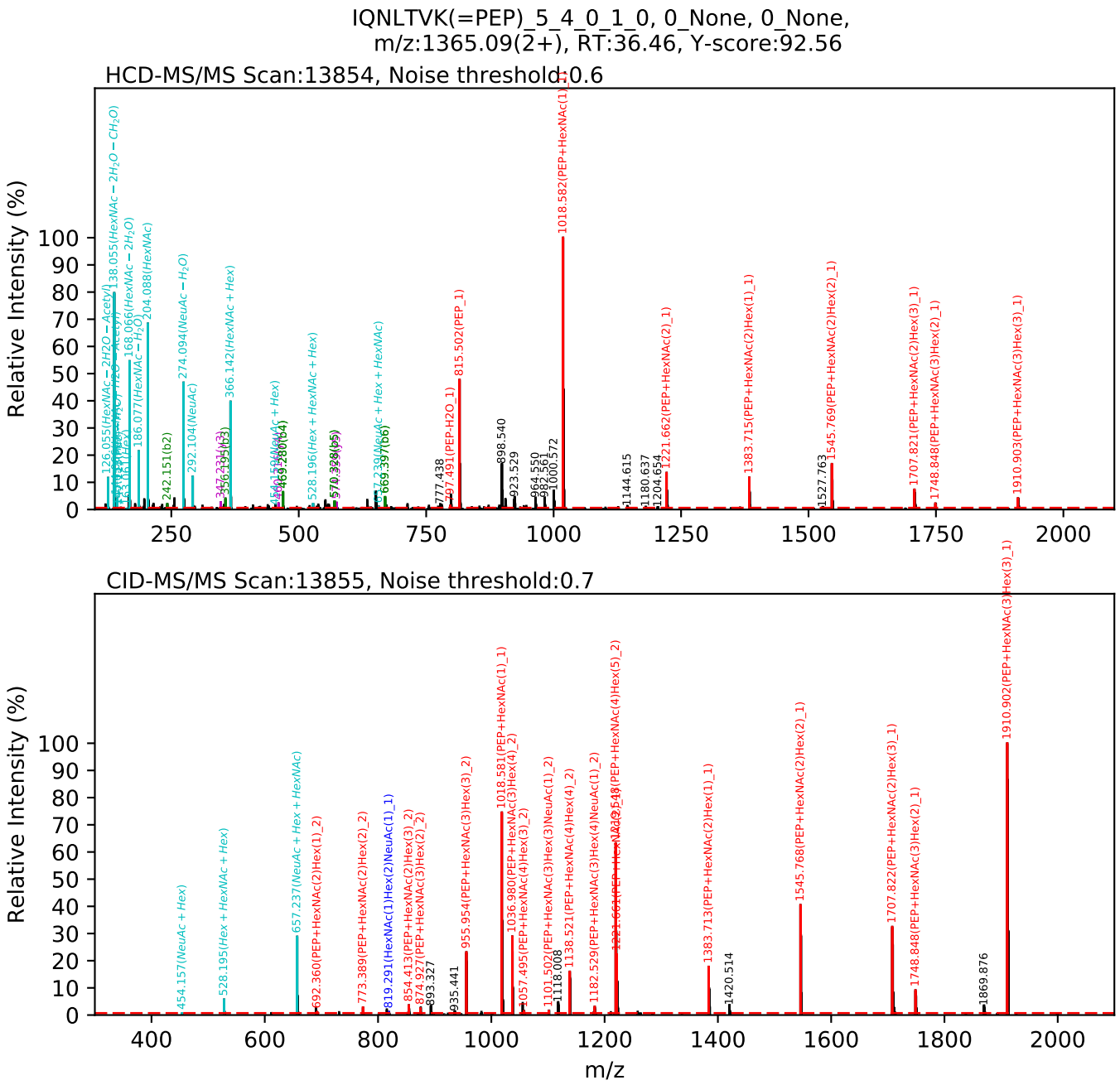

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:36.16, Y-score:94.35
HCD-MS/MS Scan:13688, Noise threshold:0.5
CID-MS/MS Scan:13686, Noise threshold:0.7
ETD-MS/MS Scan:13687, Noise threshold:1.4
Relative Intensity (%)
m/z

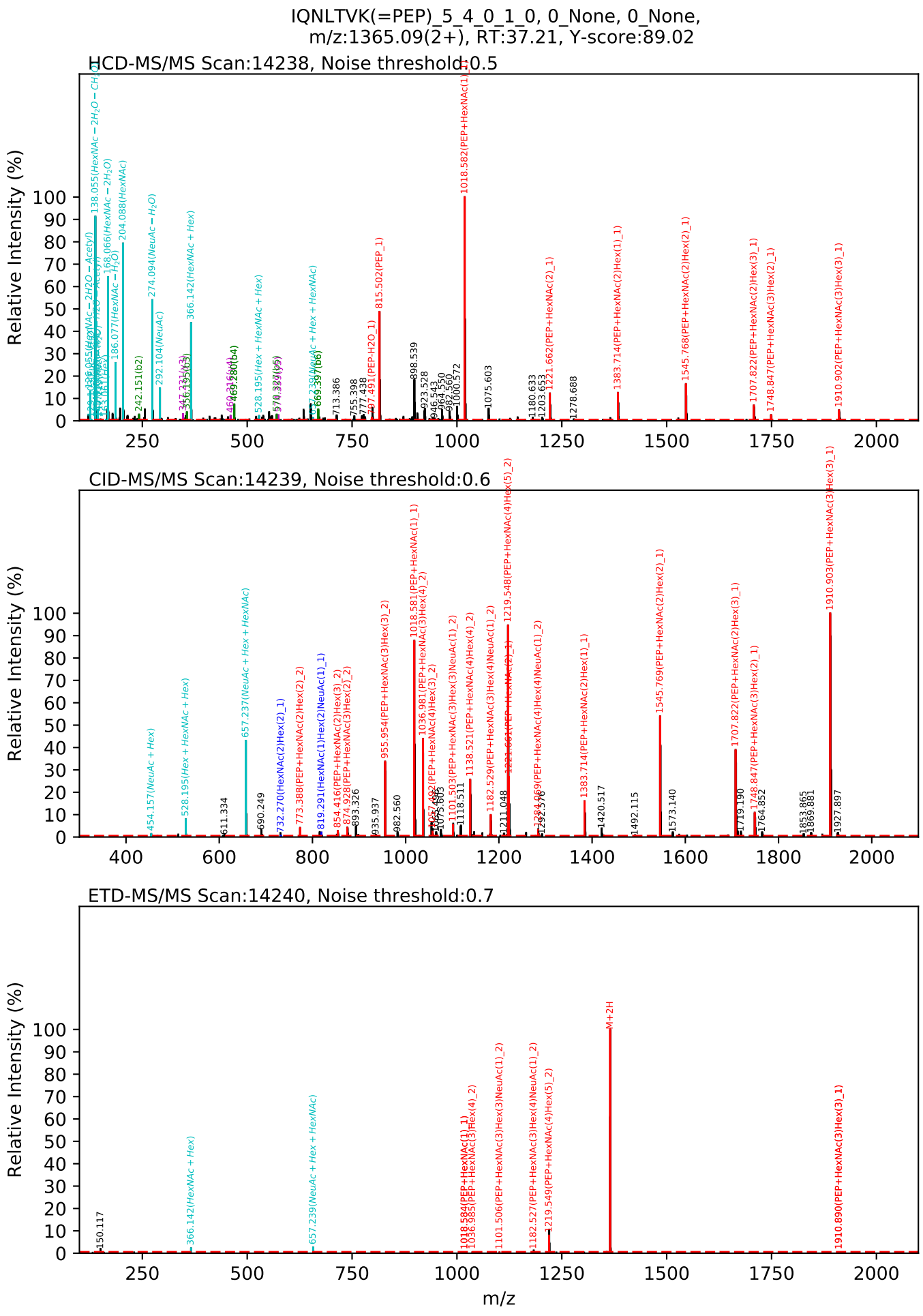

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:36.41, Y-score:94.81
HCD-MS/MS Scan:13827, Noise threshold:0.5
CID-MS/MS Scan:13828, Noise threshold:0.6
ETD-MS/MS Scan:13829, Noise threshold:0.7
Relative Intensity (%)
m/z

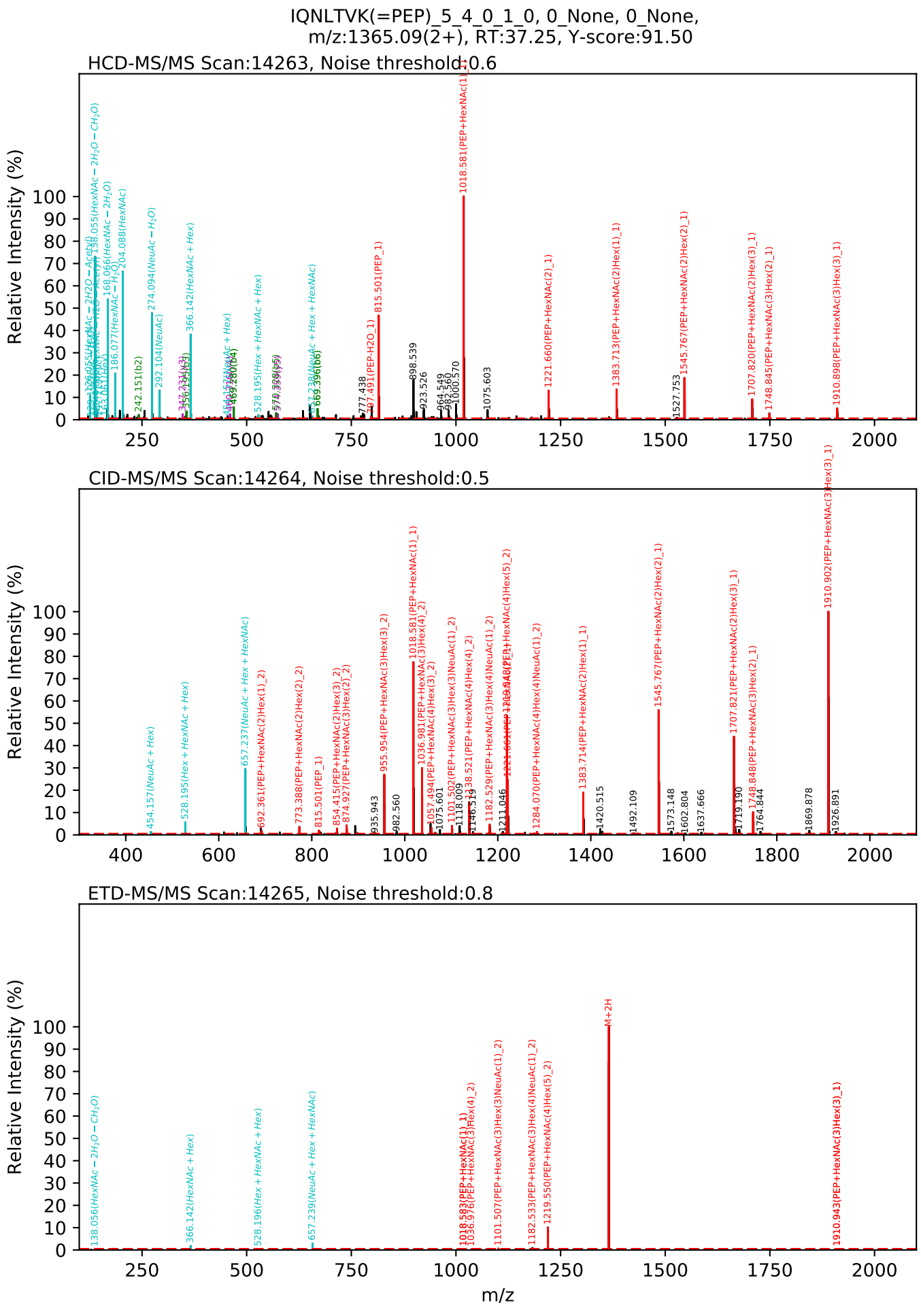

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:37.08, Y-score:94.59
HCD-MS/MS Scan:14175, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:14176, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:14177, Noise threshold:1.1
Relative Intensity (%)
m/z

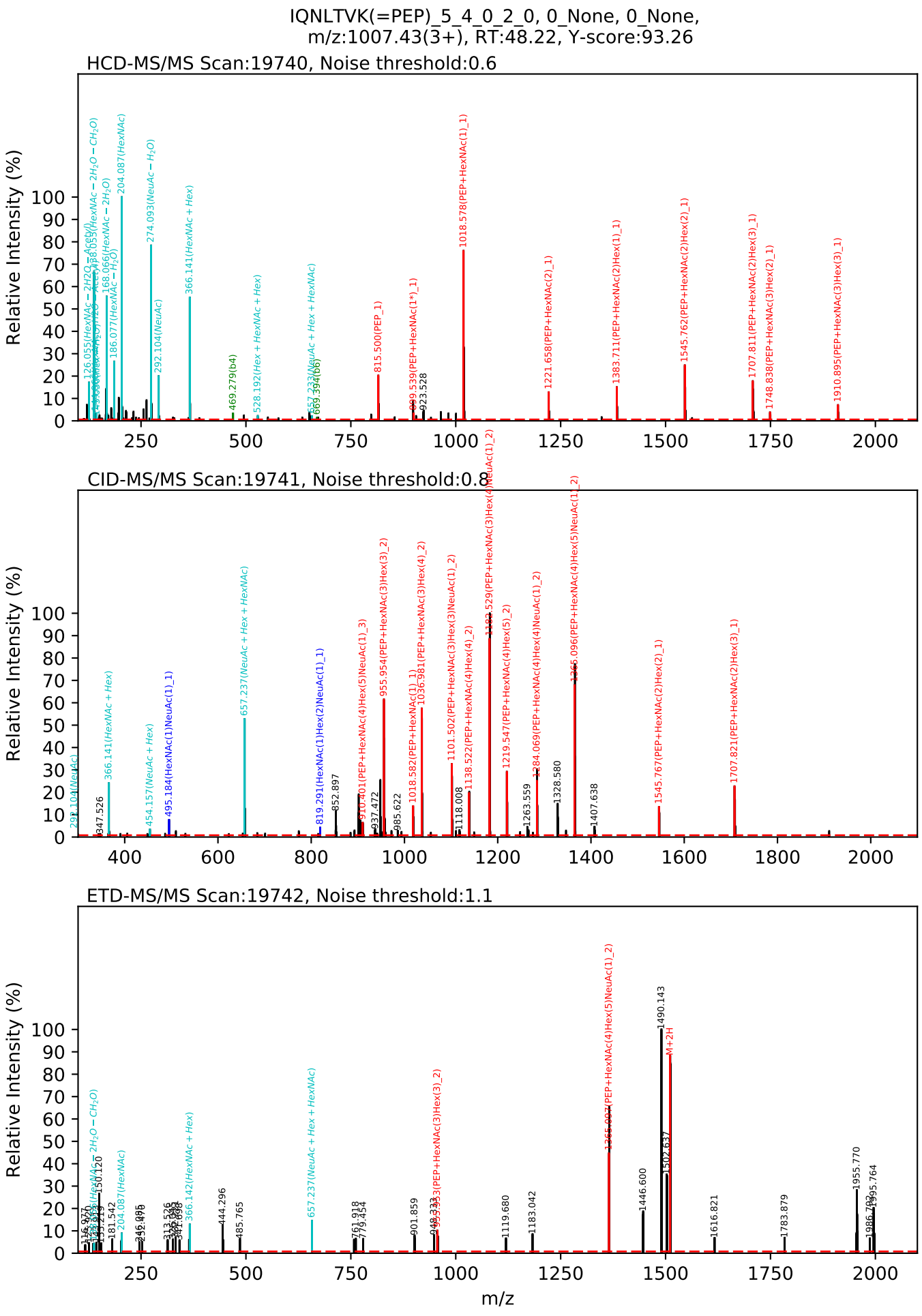

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:50.51, Y-score:90.59
HCD-MS/MS Scan:20893, Noise threshold:0.6
CID-MS/MS Scan:20894, Noise threshold:0.7
ETD-MS/MS Scan:20895, Noise threshold:0.7
Relative Intensity (%)
m/z
1018.582(PEP+HexNAc(1)_1)
815.502(PEP_1)
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
M+2H

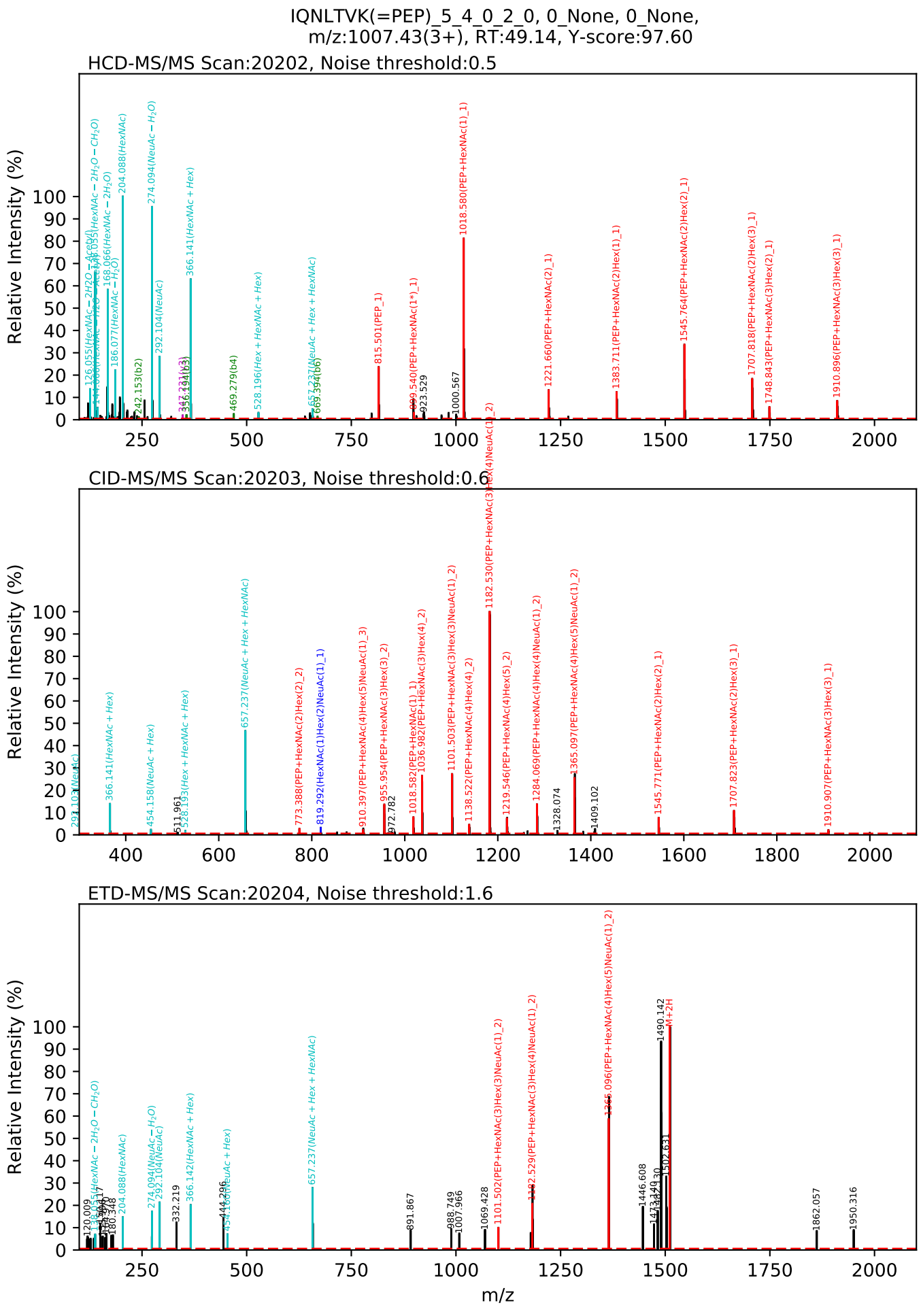

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:35.69, Y-score:91.56
HCD-MS/MS Scan:13445, Noise threshold:0.6
CID-MS/MS Scan:13446, Noise threshold:0.6
ETD-MS/MS Scan:13447, Noise threshold:0.7
Relative Intensity (%)
m/z
1018.583(PEP+HexNAc(1)_1)
815.503(PEP_1)
1383.716(PEP+HexNAc(2)Hex(1)_1)
1221.663(PEP+HexNAc(2)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.824(PEP+HexNAc(2)Hex(3)_1)
1910.904(PEP+HexNAc(3)Hex(3)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1748.850(PEP+HexNAc(3)Hex(2)_1)
1018.582(PEP+HexNAc(1)_1)
1182.533(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1219.548(PEP+HexNAc(4)Hex(5)_2)
M+2H
1910.909(PEP+HexNAc(3)Hex(3)_1)

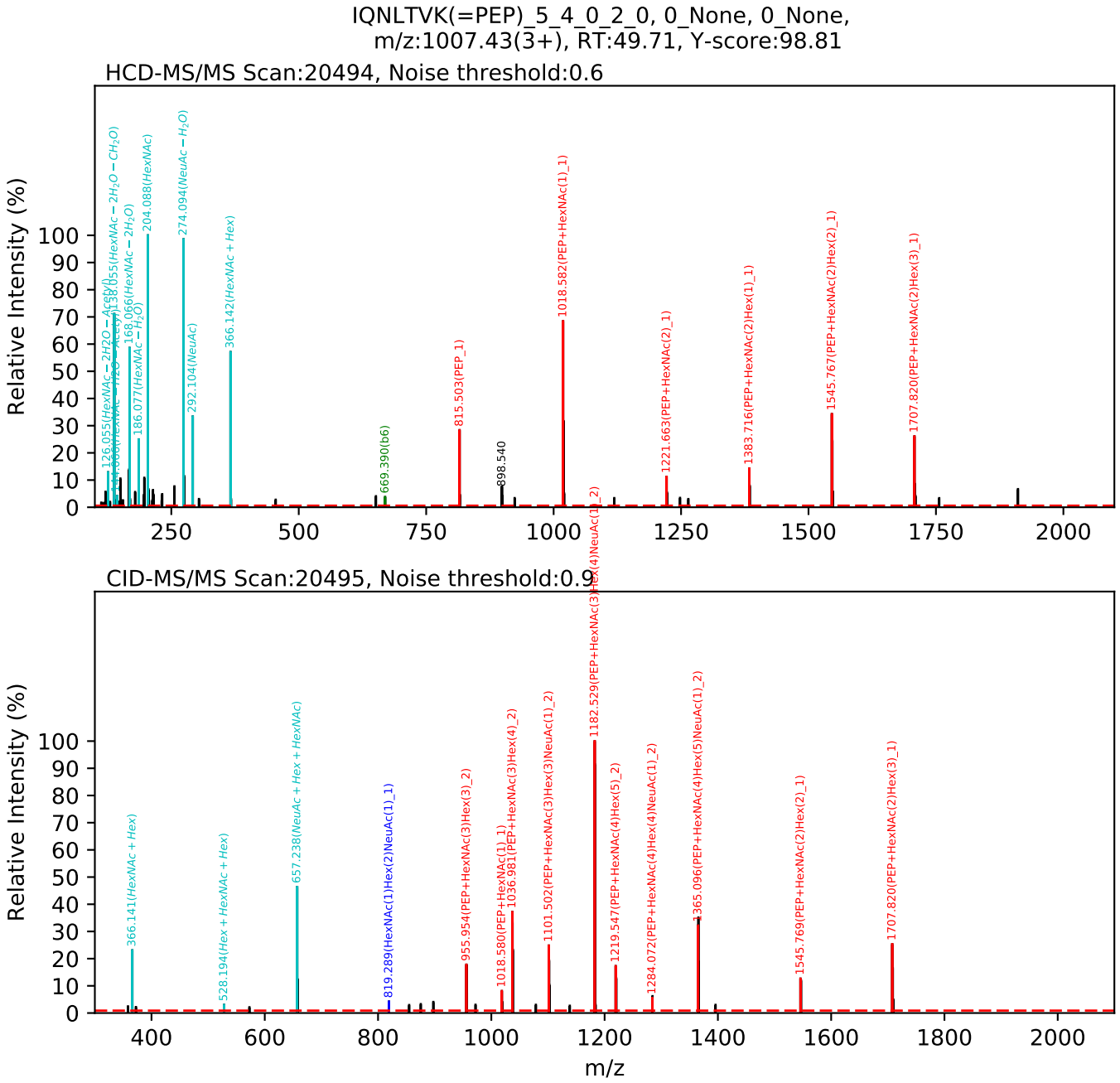

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:36.46, Y-score:92.56
HCD-MS/MS Scan:13854, Noise threshold:0.6
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
815.502(PEP_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1221.662(PEP+HexNAc(2)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13855, Noise threshold:0.7
Relative Intensity (%)
m/z
1910.902(PEP+HexNAc(3)Hex(3)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1018.581(PEP+HexNAc(1)_1)
955.954(PEP+HexNAc(3)Hex(3)_2)
657.237(NeuAc + Hex + HexNAc)
528.195(Hex + HexNAc + Hex)
454.157(NeuAc + Hex)
692.360(PEP+HexNAc(2)Hex(1)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
819.291(HexNAc(1)Hex(2)NeuAc(1)_1)
854.413(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
1057.495(PEP+HexNAc(4)Hex(3)_2)
1101.502(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1138.521(PEP+HexNAc(4)Hex(4)_2)
1182.529(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1420.514
1869.876

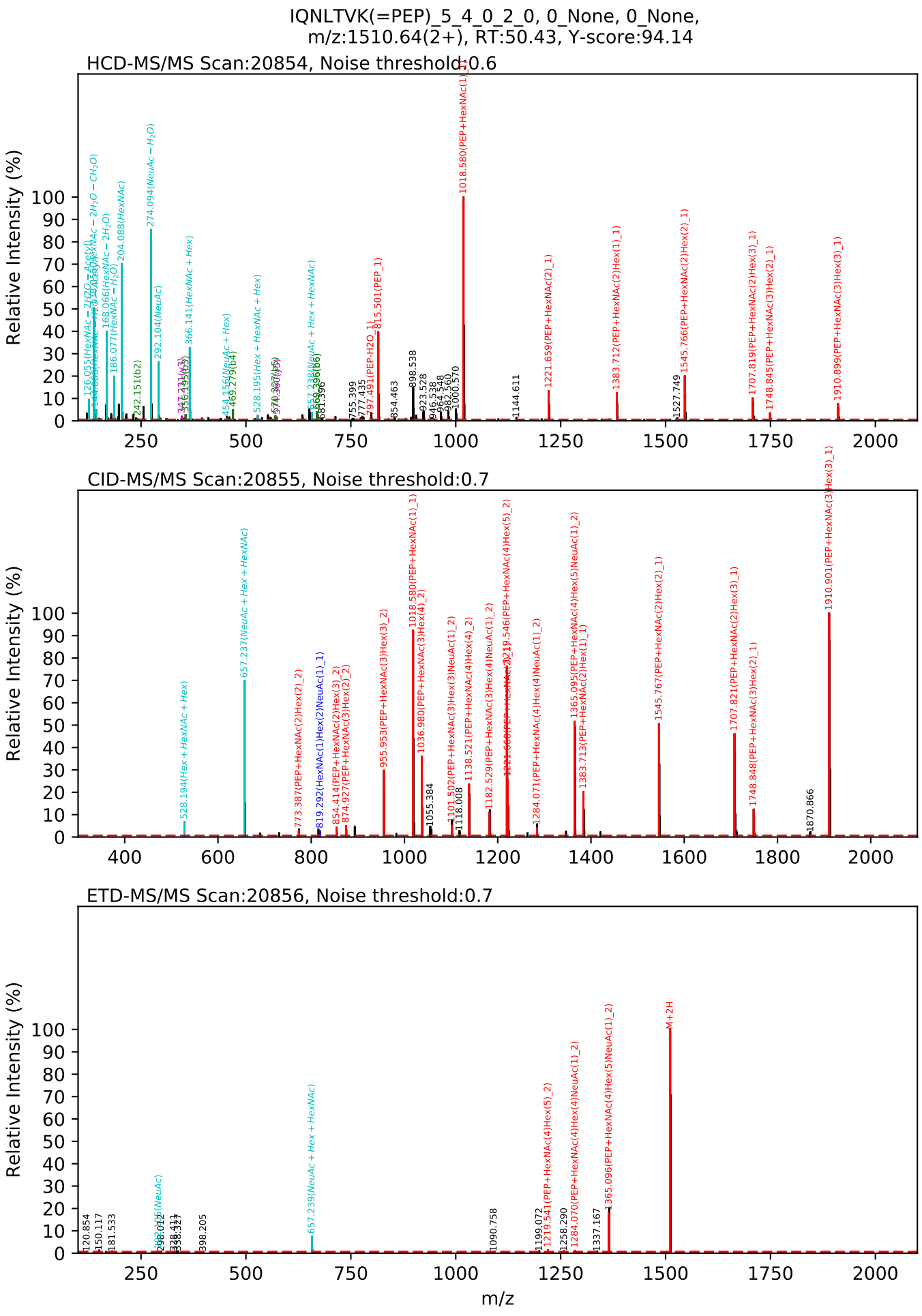

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:37.21, Y-score:89.02
HCD-MS/MS Scan:14238, Noise threshold:0.5
CID-MS/MS Scan:14239, Noise threshold:0.6
ETD-MS/MS Scan:14240, Noise threshold:0.7
Relative Intensity (%)
m/z
M+2H

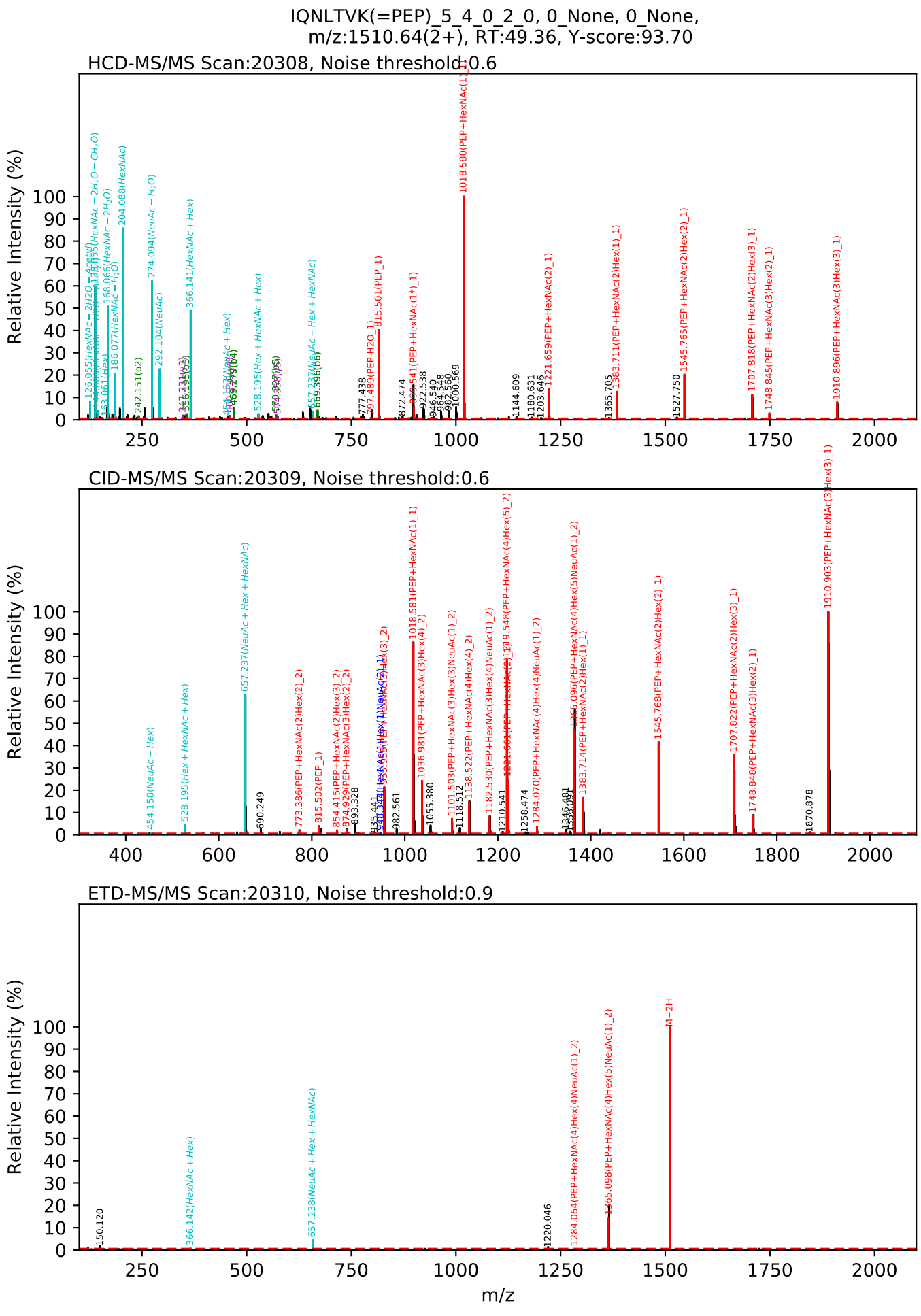

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:37.25, Y-score:91.50
HCD-MS/MS Scan:14263, Noise threshold:0.6
CID-MS/MS Scan:14264, Noise threshold:0.5
ETD-MS/MS Scan:14265, Noise threshold:0.8
Relative Intensity (%)
m/z

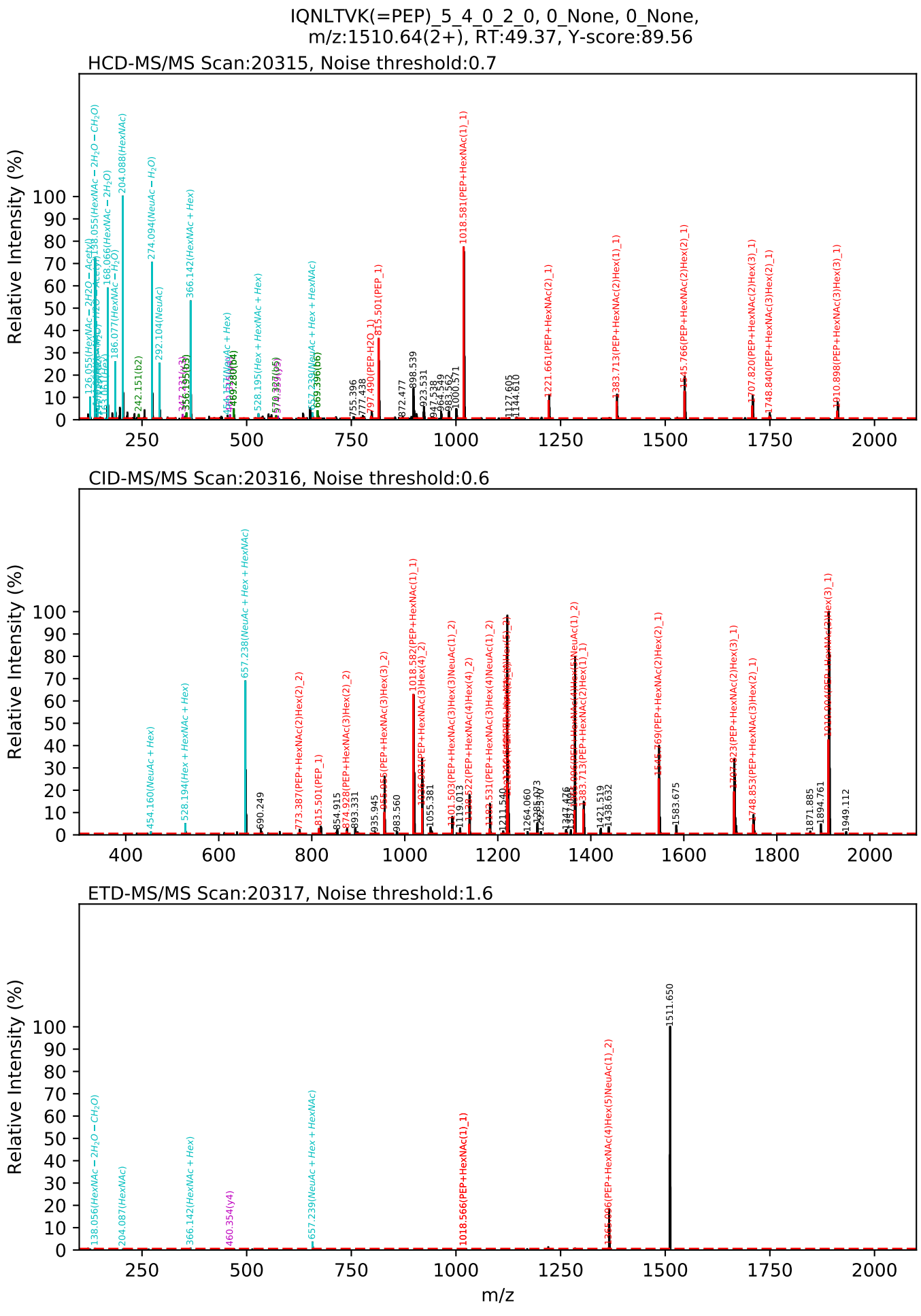

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:48.22, Y-score:93.26
HCD-MS/MS Scan:19740, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:19741, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:19742, Noise threshold:1.1
Relative Intensity (%)
m/z

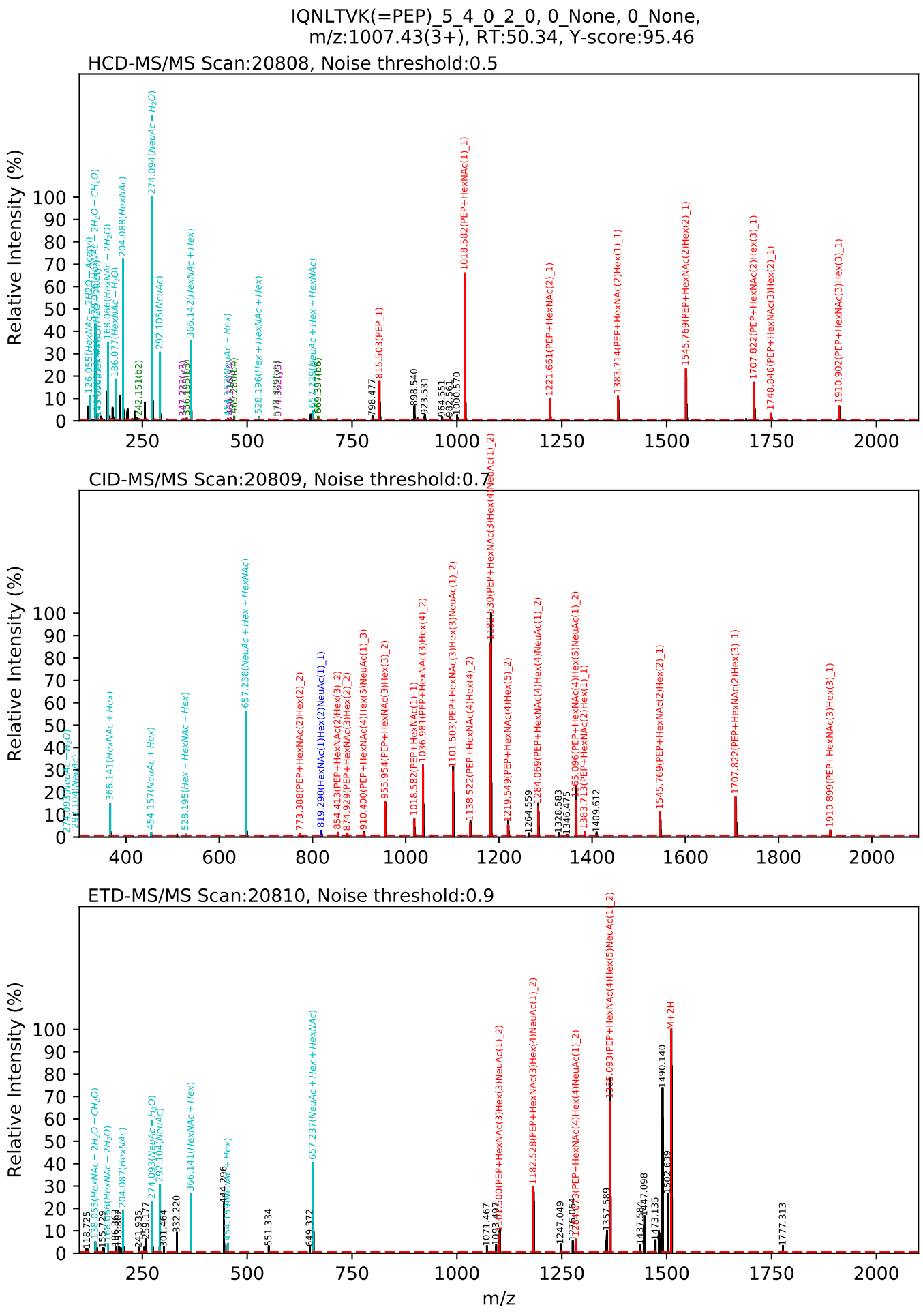

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:49.14, Y-score:97.60
HCD-MS/MS Scan:20202, Noise threshold:0.5
CID-MS/MS Scan:20203, Noise threshold:0.6
ETD-MS/MS Scan:20204, Noise threshold:1.6
Relative Intensity (%)
m/z

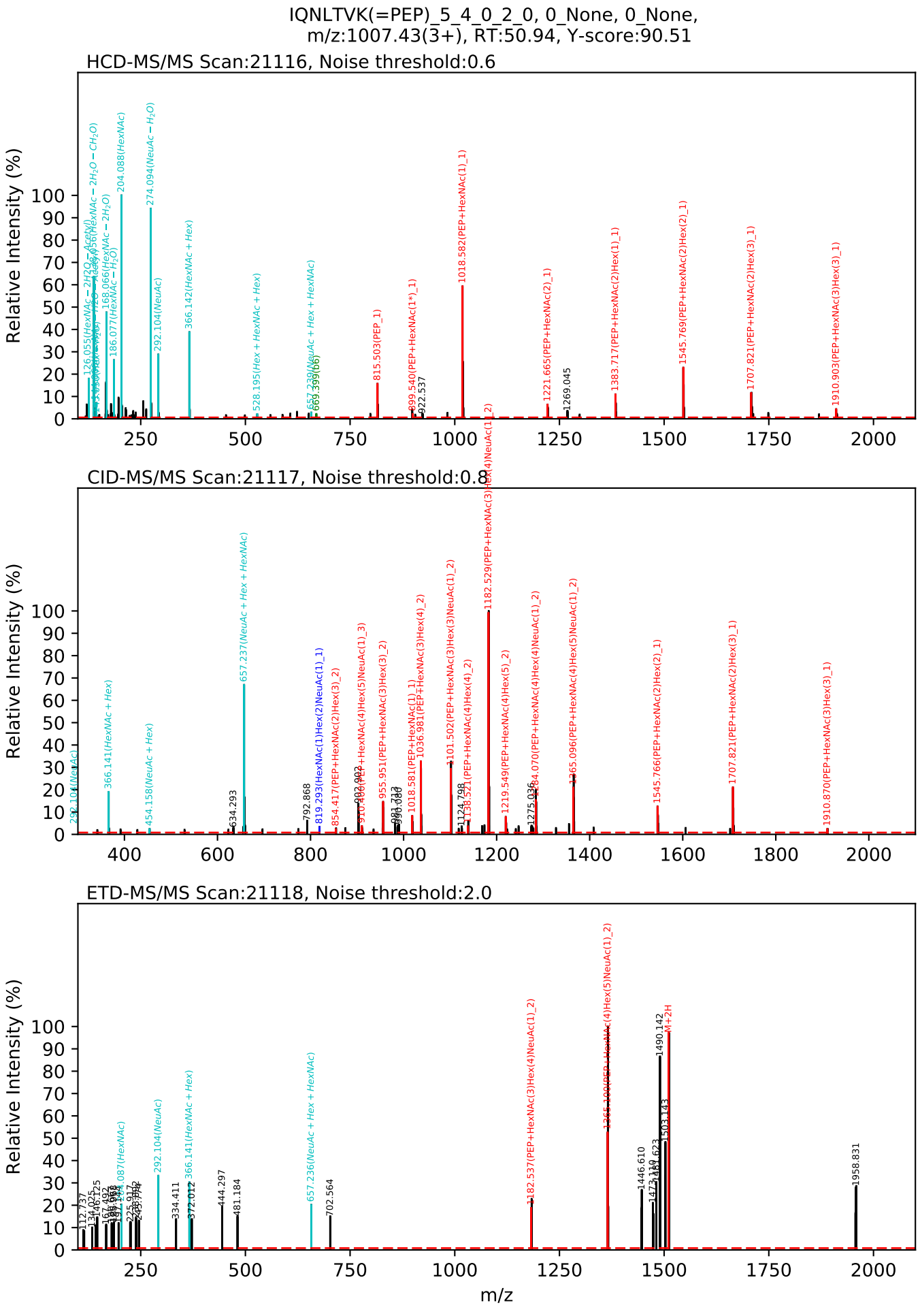

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:49.71, Y-score:98.81
HCD-MS/MS Scan:20494, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − AcHO)
138.055(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.142(HexNAc + Hex)
669.390(b6)
815.503(PEP_1)
898.540
1018.582(PEP+HexNAc(1)_1)
1221.663(PEP+HexNAc(2)_1)
1383.716(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:20495, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
657.238(NeuAc + Hex + HexNAc)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1101.502(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1182.529(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1219.547(PEP+HexNAc(4)Hex(5)_2)
1284.072(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1365.096(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
m/z

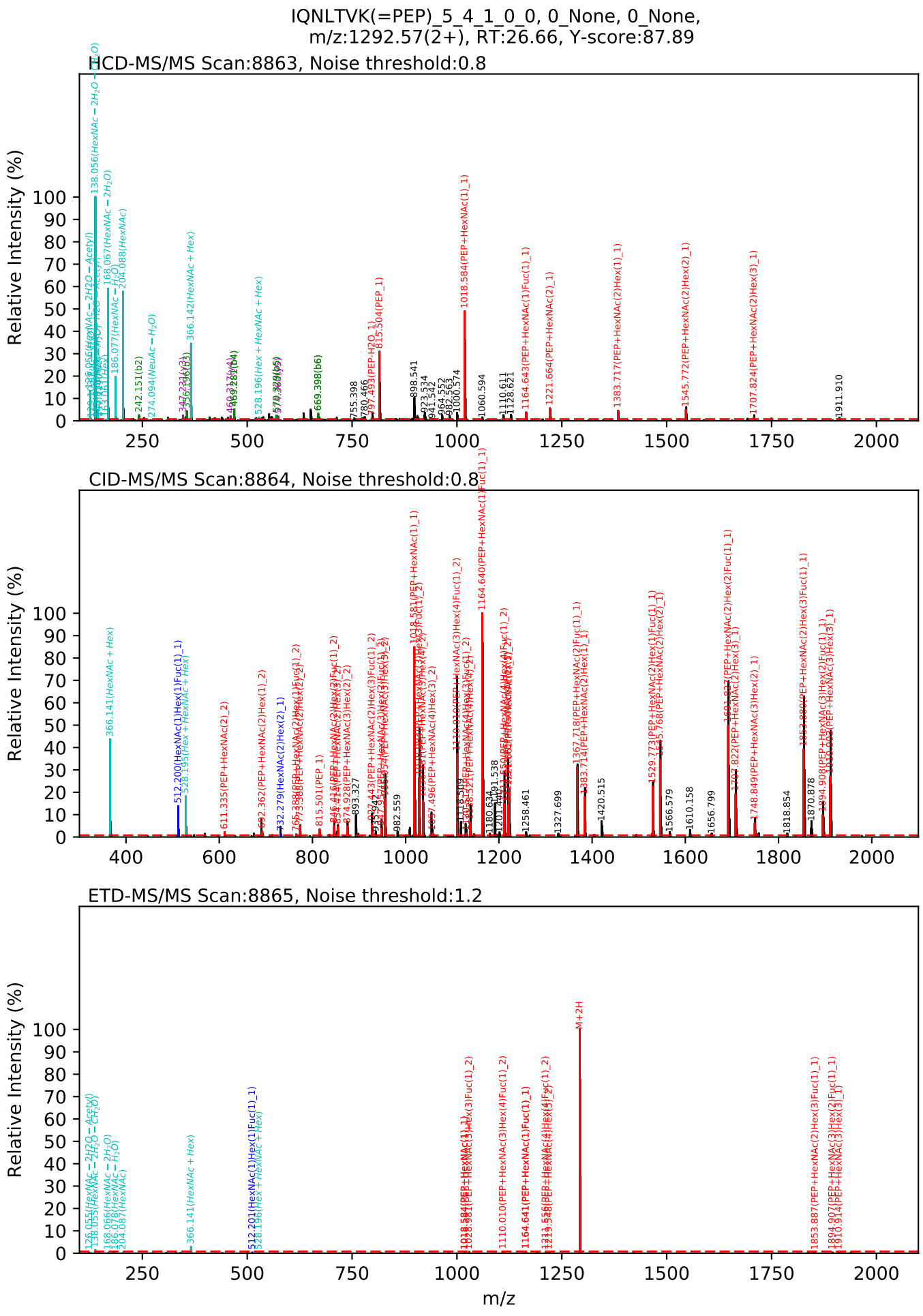

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1510.64(2+), RT:50.43, Y-score:94.14
HCD-MS/MS Scan:20854, Noise threshold:0.6
CID-MS/MS Scan:20855, Noise threshold:0.7
ETD-MS/MS Scan:20856, Noise threshold:0.7
Relative Intensity (%)
m/z
M+2H

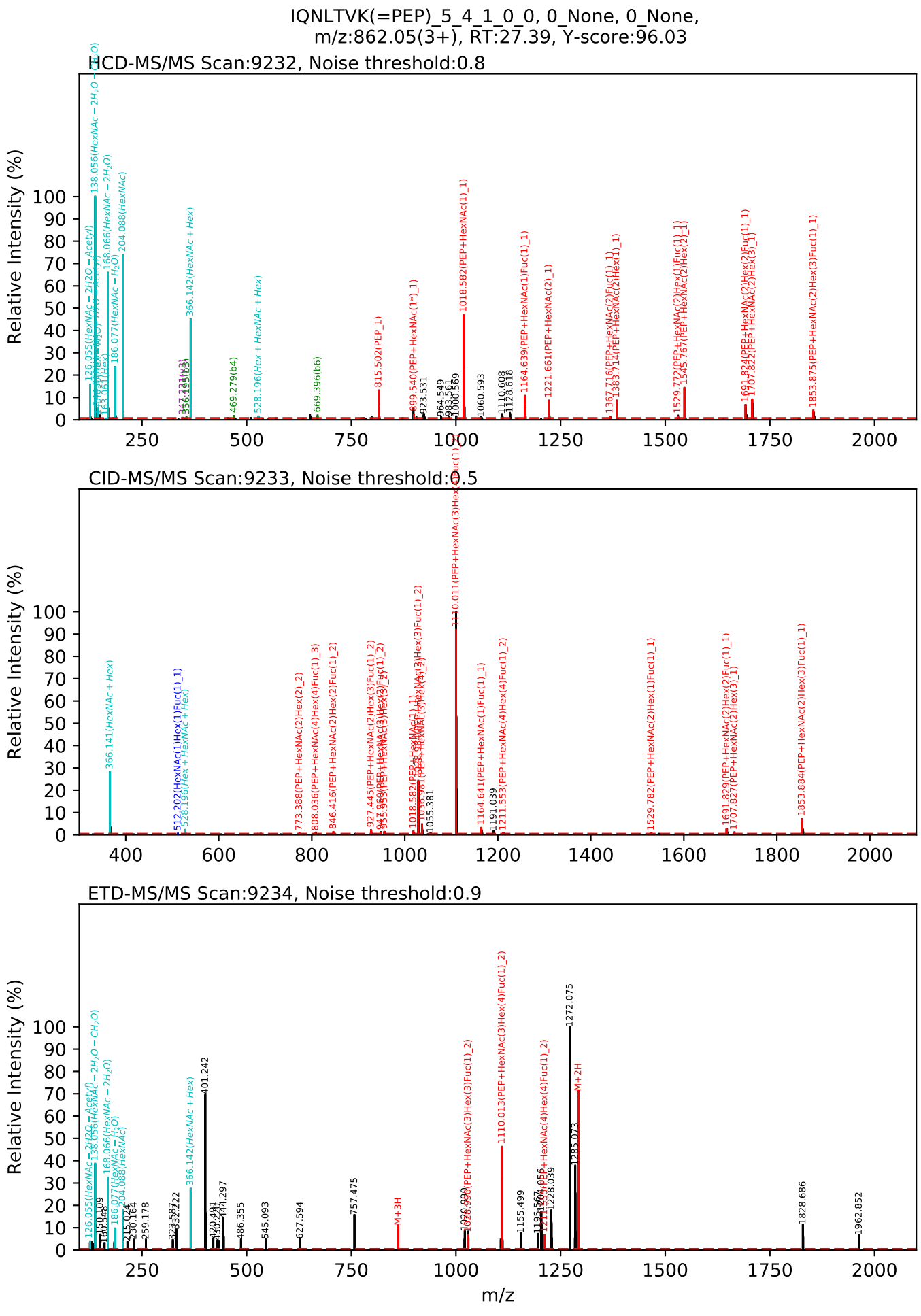

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1510.64(2+), RT:49.36, Y-score:93.70
HCD-MS/MS Scan:20308, Noise threshold:0.6
CID-MS/MS Scan:20309, Noise threshold:0.6
ETD-MS/MS Scan:20310, Noise threshold:0.9
Relative Intensity (%)
m/z
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.896(PEP+HexNAc(3)Hex(3)_1)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
242.151(b2)
1018.581(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1101.503(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1138.522(PEP+HexNAc(4)Hex(4)_2)
1182.530(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1284.070(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
150.120
366.142(HexNAc + Hex)
657.238(NeuAc + Hex + HexNAc)
1220.046
1284.064(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1365.098(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
M+2H

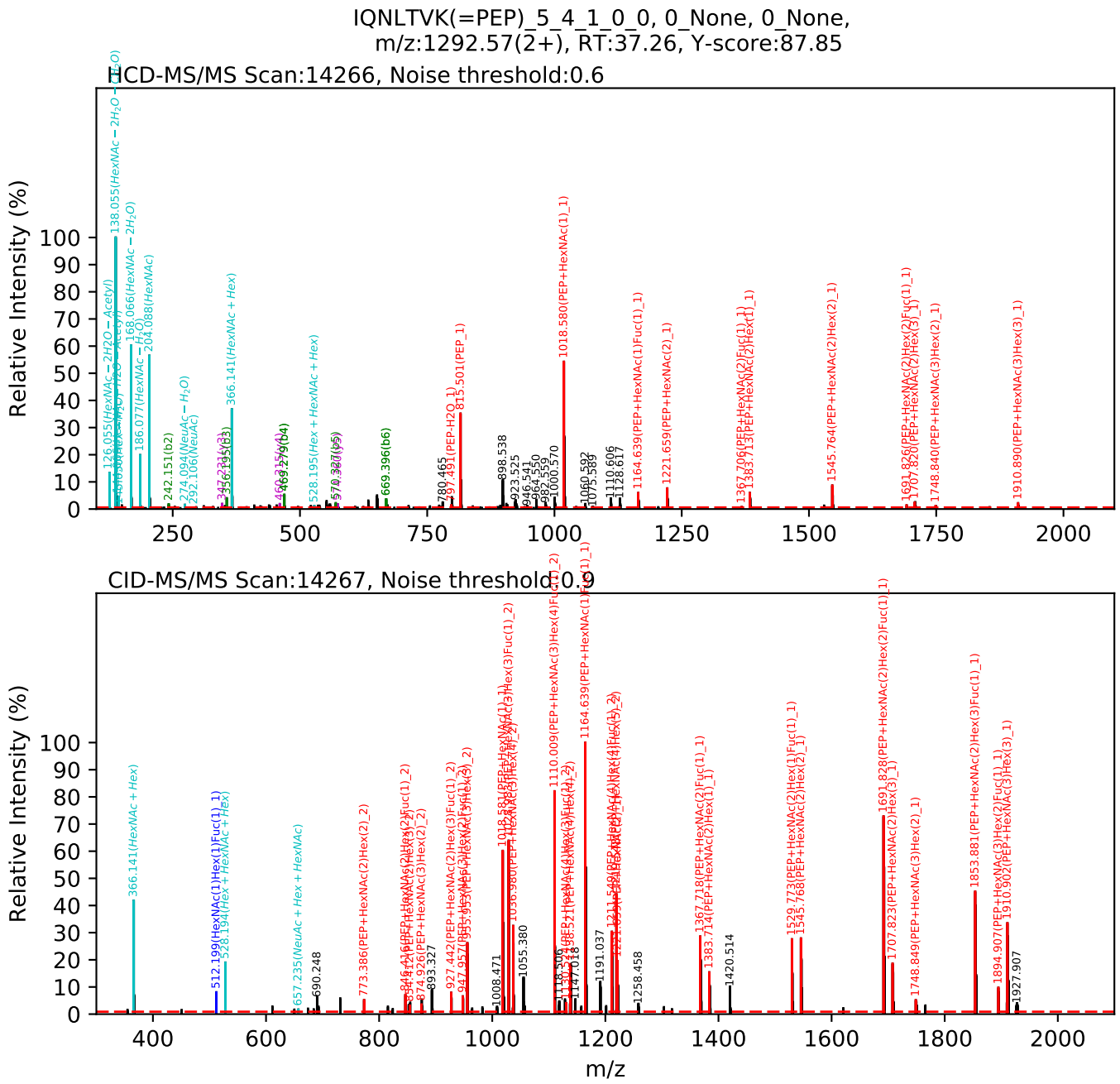

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1510.64(2+), RT:49.37, Y-score:89.56
HCD-MS/MS Scan:20315, Noise threshold:0.7
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1748.840(PEP+HexNAc(3)Hex(2)_1)
1910.898(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:20316, Noise threshold:0.6
Relative Intensity (%)
657.238(NeuAc + Hex + HexNAc)
1018.582(PEP+HexNAc(1)_1)
ETD-MS/MS Scan:20317, Noise threshold:1.6
Relative Intensity (%)
1511.650
1018.566(PEP+HexNAc(1)_1)
m/z

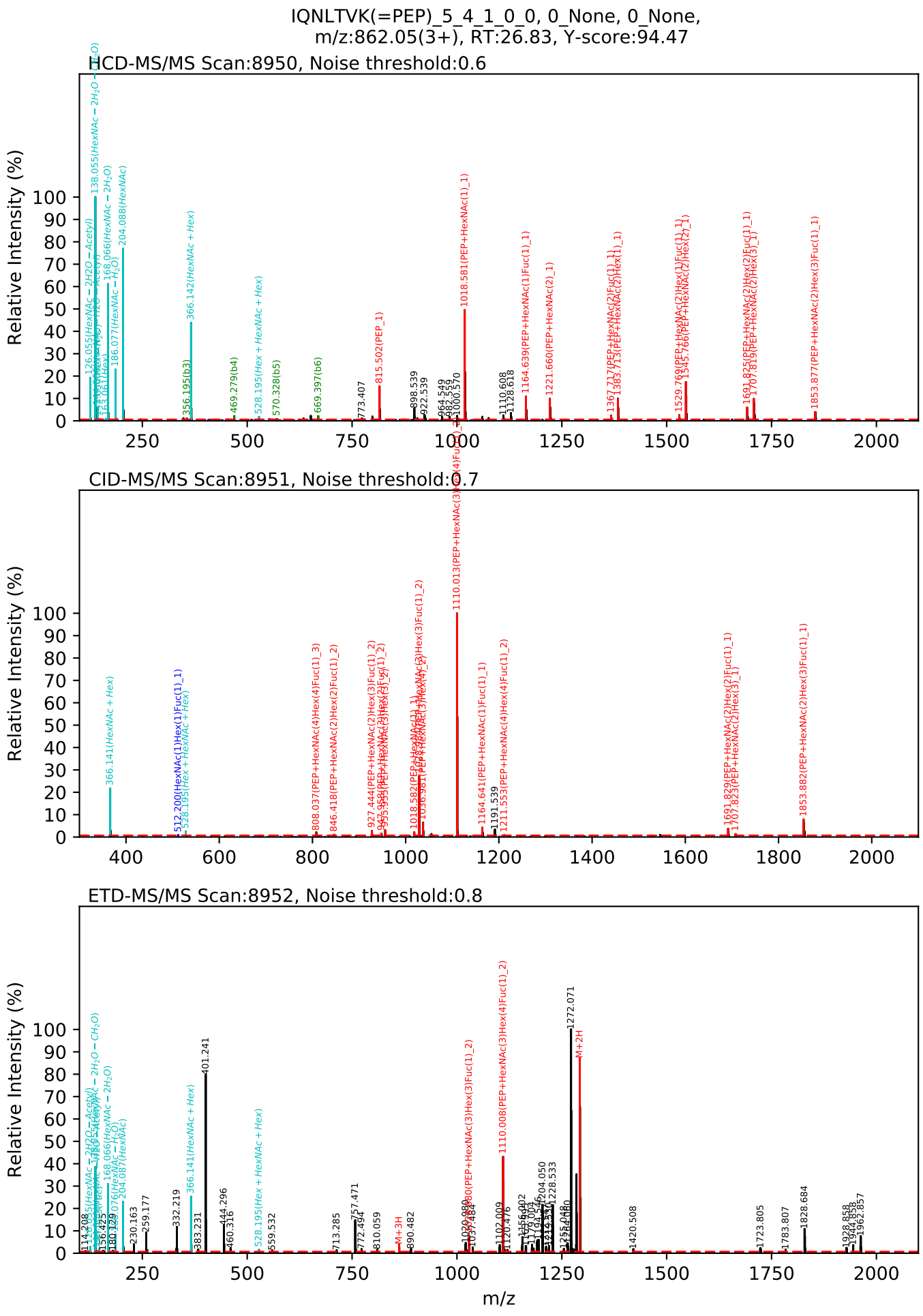

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:50.34, Y-score:95.46
HCD-MS/MS Scan:20808, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:20809, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:20810, Noise threshold:0.9
Relative Intensity (%)
m/z

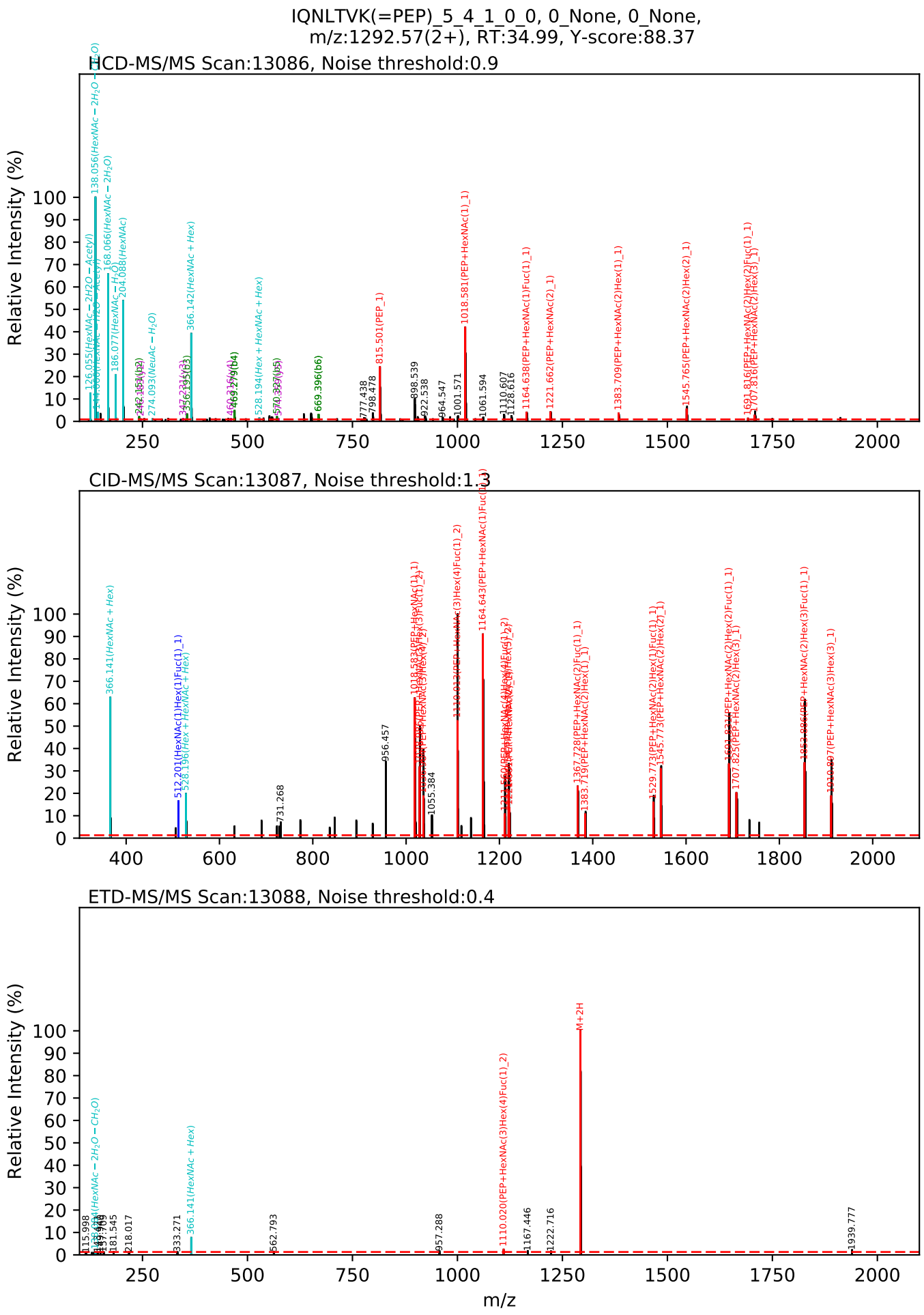

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:50.94, Y-score:90.51
HCD-MS/MS Scan:21116, Noise threshold:0.6
CID-MS/MS Scan:21117, Noise threshold:0.8
ETD-MS/MS Scan:21118, Noise threshold:2.0
Relative Intensity (%)
m/z

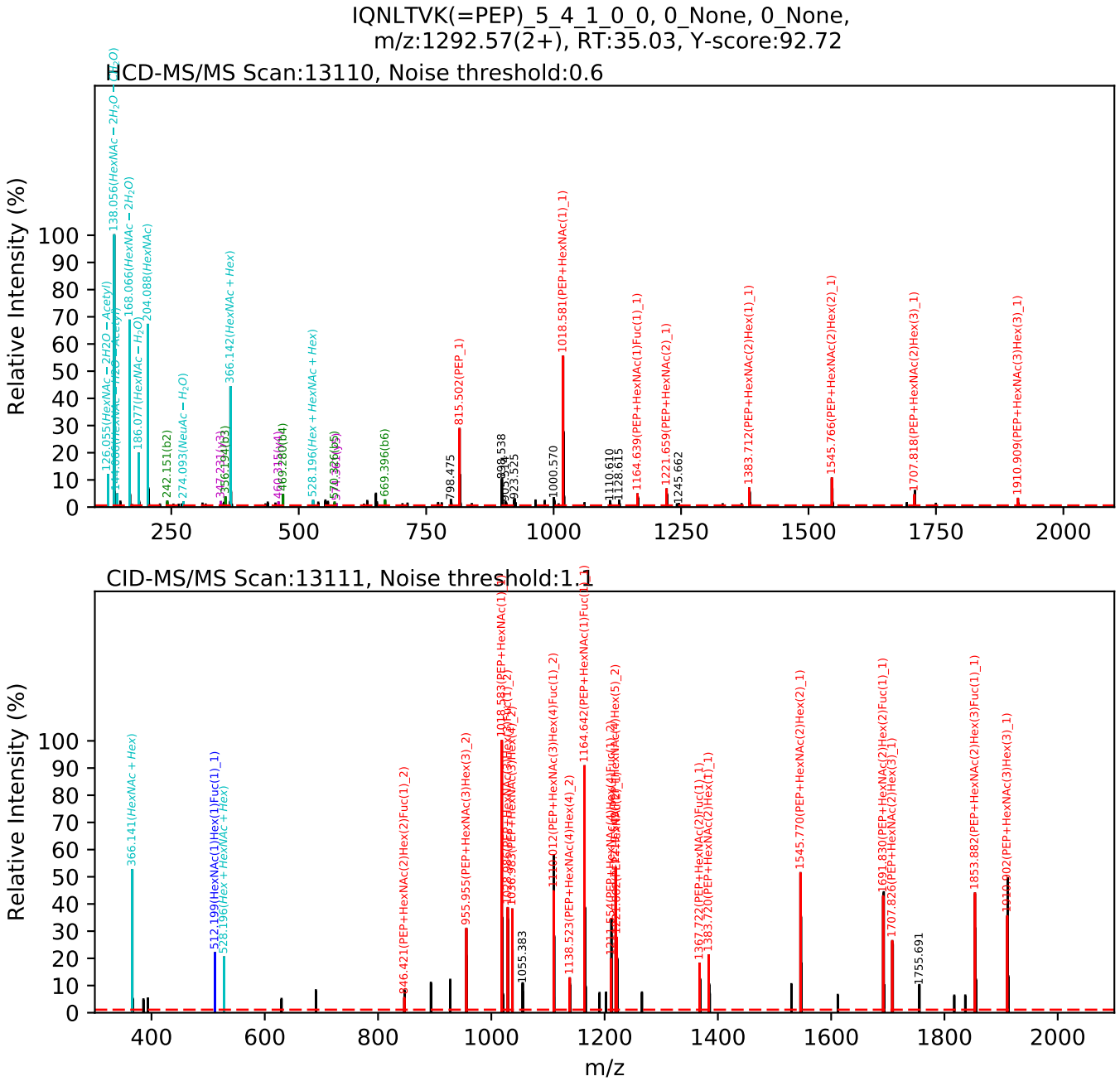

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:26.66, Y-score:87.89
HCD-MS/MS Scan:8863, Noise threshold:0.8
CID-MS/MS Scan:8864, Noise threshold:0.8
ETD-MS/MS Scan:8865, Noise threshold:1.2
Relative Intensity (%)
m/z

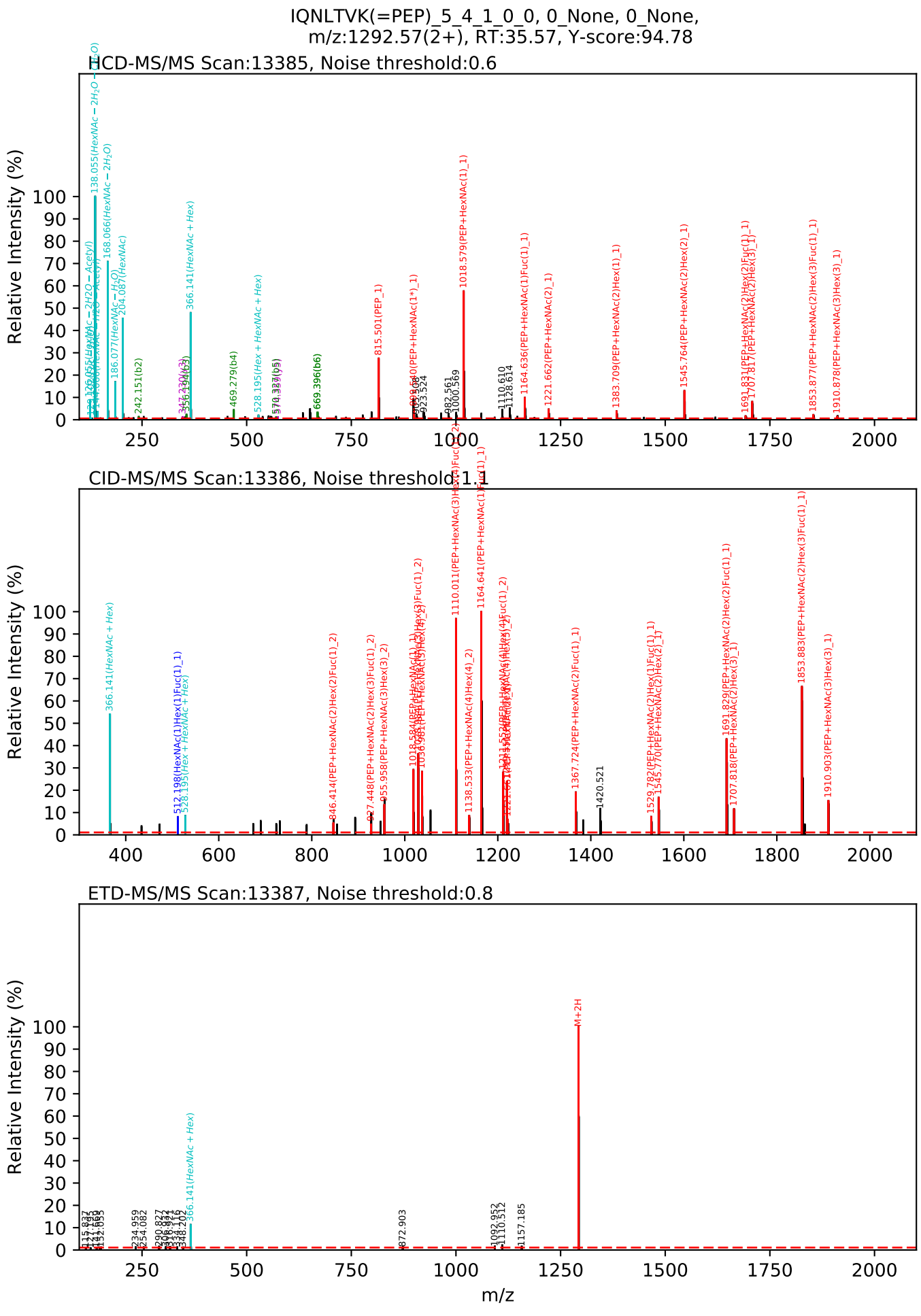

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:862.05(3+), RT:27.39, Y-score:96.03
HCD-MS/MS Scan:9232, Noise threshold:0.8
CID-MS/MS Scan:9233, Noise threshold:0.5
ETD-MS/MS Scan:9234, Noise threshold:0.9
Relative Intensity (%)
m/z

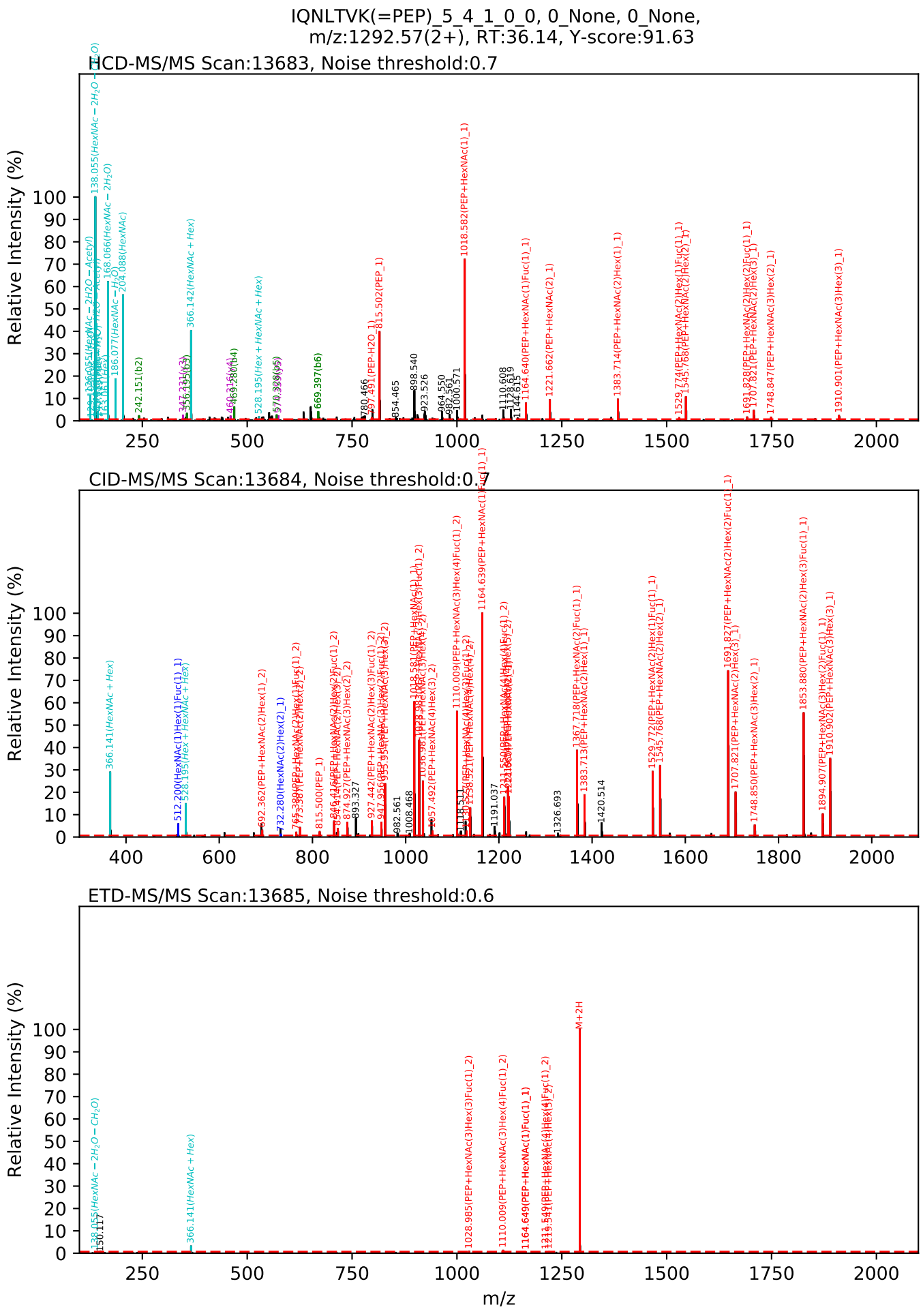

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:37.26, Y-score:87.85
HCD-MS/MS Scan:14266, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
274.094(NeuAc − H2O)
292.106(NeuAc)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
669.396(b6)
780.465
815.501(PEP_1)
898.538
923.525
946.541
964.550
982.559
1000.570
1018.580(PEP+HexNAc(1)_1)
1060.592
1075.589
1110.606
1128.617
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1367.706(PEP+HexNAc(2)Fuc(1)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1691.826(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1748.840(PEP+HexNAc(3)Hex(2)_1)
1910.890(PEP+HexNAc(3)Hex(3)_1)
250
500
750
1000
1250
1500
1750
2000
CID-MS/MS Scan:14267, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
657.235(NeuAc + Hex + HexNAc)
690.248
773.386(PEP+HexNAc(2)Hex(2)_2)
874.926(PEP+HexNAc(3)Hex(2)_2)
893.327
927.442(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1008.471
1055.380
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1191.037
1258.458
1367.718(PEP+HexNAc(2)Fuc(1)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1420.514
1528.773(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1691.828(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1853.881(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1894.907(PEP+HexNAc(3)Hex(2)Fuc(1)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
1927.907
400
600
800
1000
1200
1400
1600
1800
2000
m/z

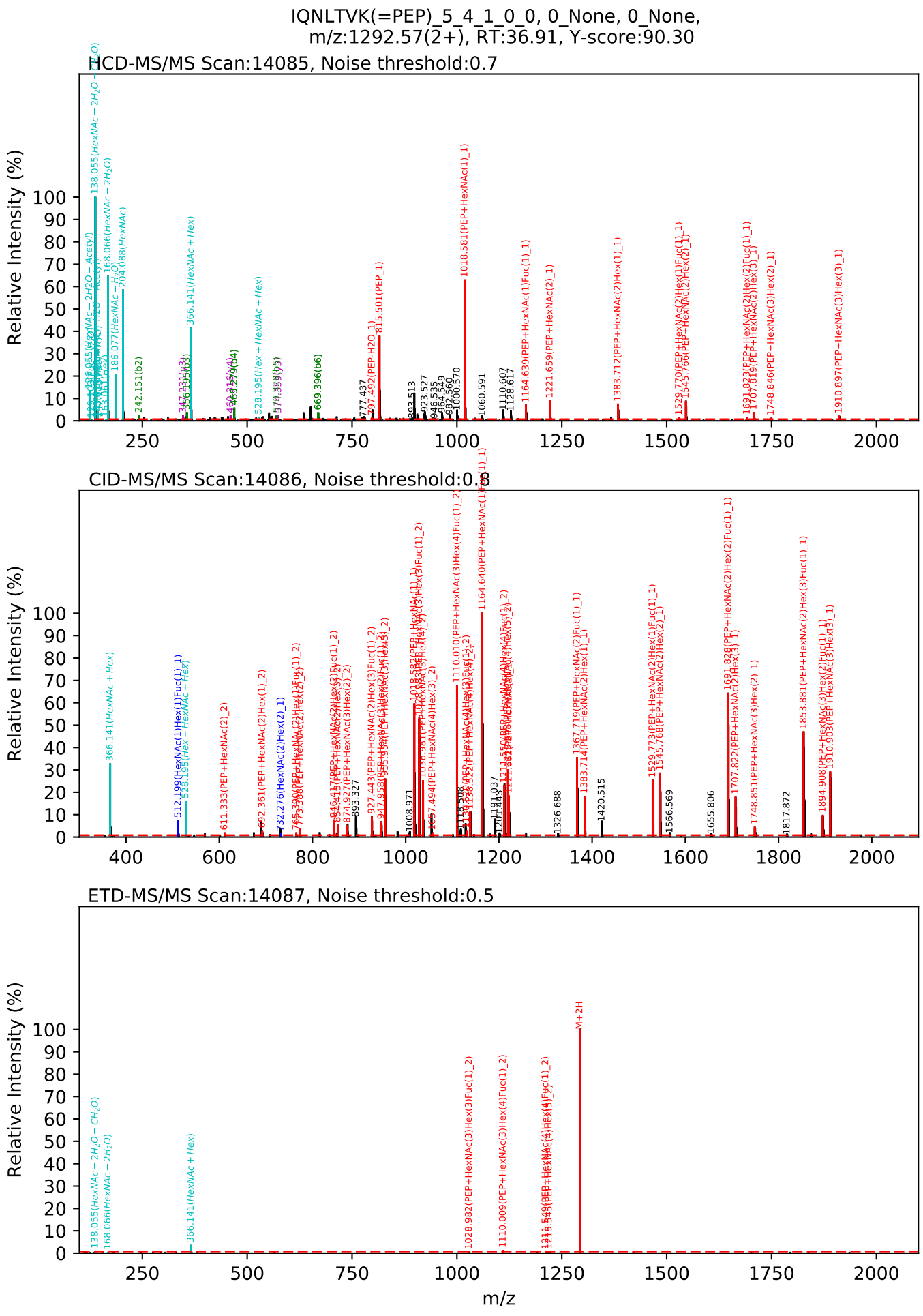

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:862.05(3+), RT:26.83, Y-score:94.47
HCD-MS/MS Scan:8950, Noise threshold:0.6
CID-MS/MS Scan:8951, Noise threshold:0.7
ETD-MS/MS Scan:8952, Noise threshold:0.8
Relative Intensity (%)
m/z

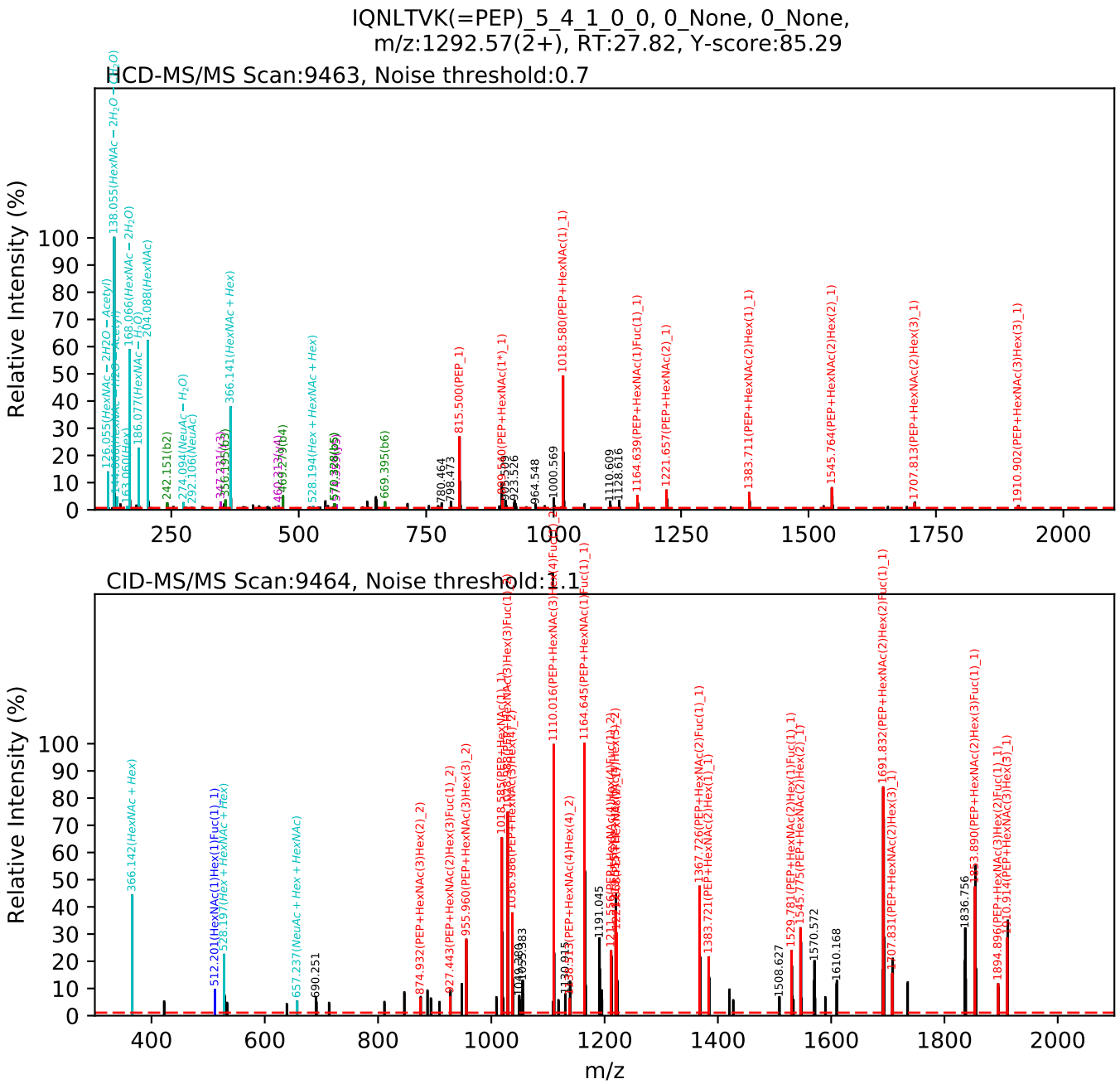

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:34.99, Y-score:88.37
HCD-MS/MS Scan:13086, Noise threshold:0.9
CID-MS/MS Scan:13087, Noise threshold:1.3
ETD-MS/MS Scan:13088, Noise threshold:0.4
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
512.201(HexNAc(1)Hex(1)Fuc(1)_1)
528.196(Hex + HexNAc + Hex)
956.457
731.268
1055.384
1164.643(PEP+HexNAc(1)Fuc(1)_1)
1110.020(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1018.581(PEP+HexNAc(1)_1)
815.501(PEP_1)
669.396(b6)
1383.709(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1221.662(PEP+HexNAc(2)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
M+2H
1939.777
1167.446
1222.716
957.288
562.793
333.271
218.017
181.545

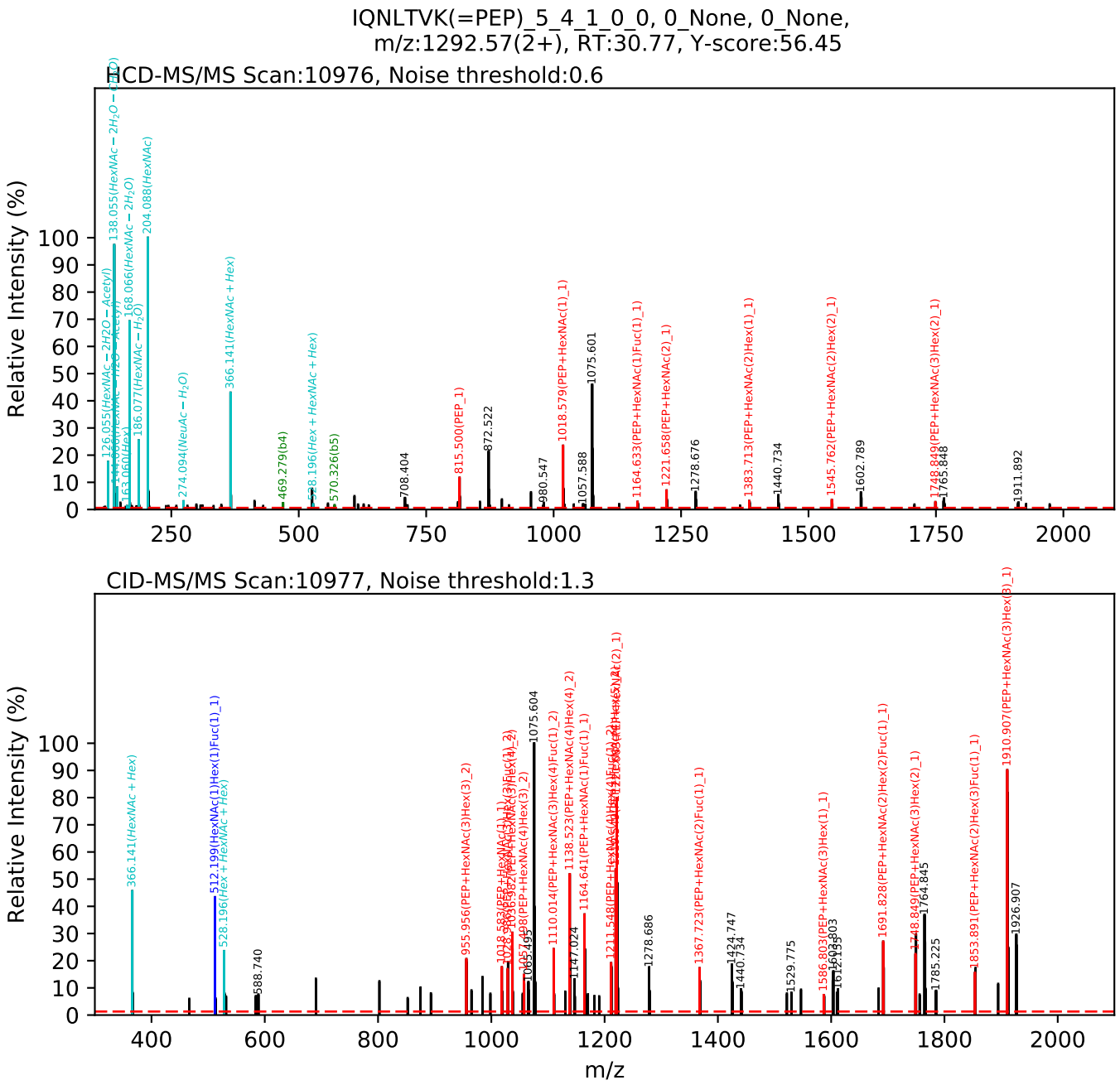

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:35.03, Y-score:92.72
HCD-MS/MS Scan:13110, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
274.093(NeuAc − H2O)
347.231(y3)
366.142(HexNAc + Hex)
460.315(y4)
528.196(Hex + HexNAc + Hex)
669.396(b6)
798.475
815.502(PEP_1)
1000.570
1018.581(PEP+HexNAc(1)_1)
1110.610
1128.615
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1245.662
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1910.909(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13111, Noise threshold:1.1
Relative Intensity (%)
366.141(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.196(Hex + HexNAc + Hex)
846.421(PEP+HexNAc(2)Hex(2)Fuc(1)_2)
955.955(PEP+HexNAc(3)Hex(3)_2)
1055.383
1138.523(PEP+HexNAc(4)Hex(4)_2)
1164.642(PEP+HexNAc(1)Fuc(1)Hex(5)_2)
1367.722(PEP+HexNAc(2)Fuc(1)_1)
1383.720(PEP+HexNAc(2)Hex(1)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.826(PEP+HexNAc(2)Hex(3)_1)
1755.691
1853.882(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
m/z

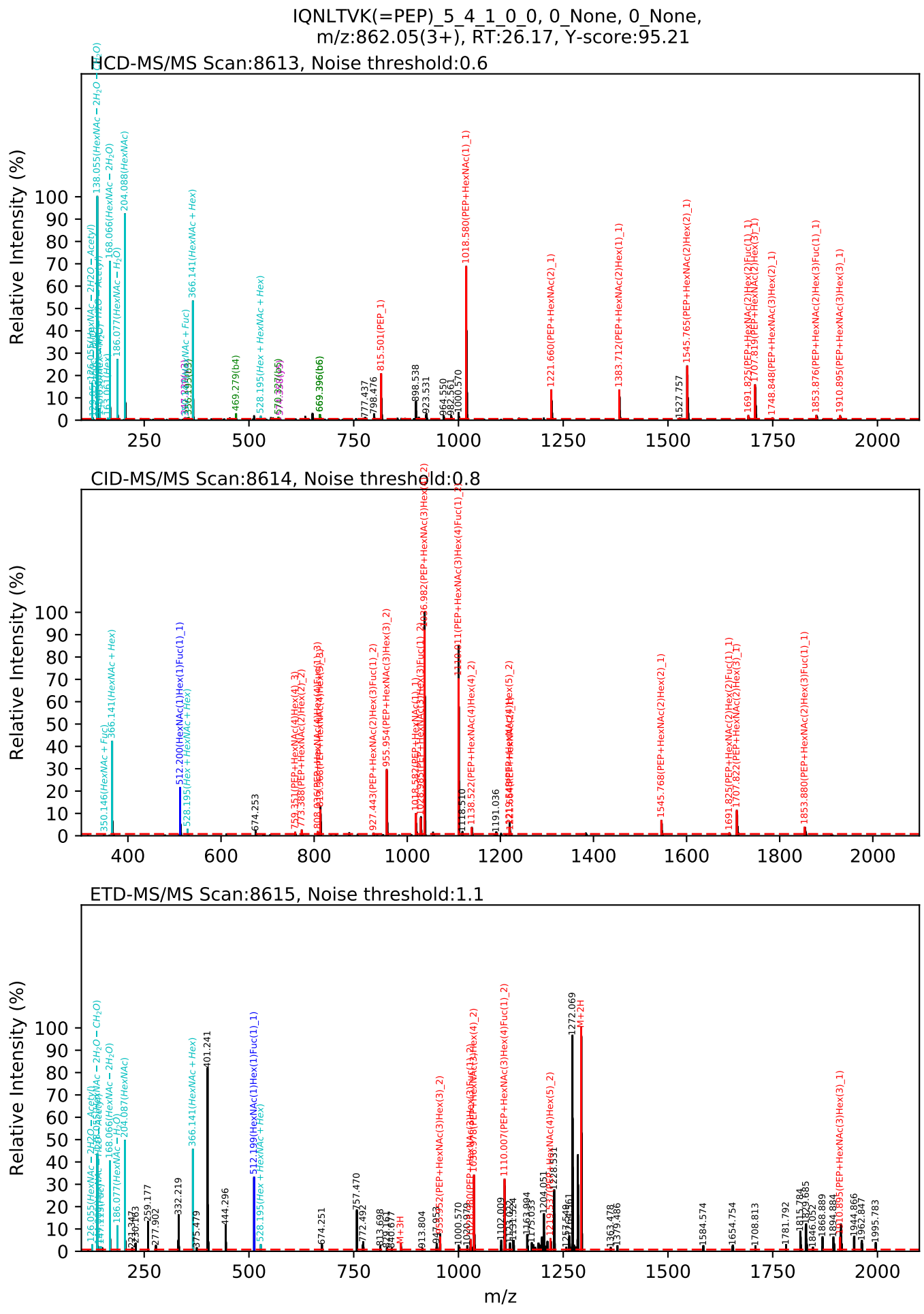

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:35.57, Y-score:94.78
HCD-MS/MS Scan:13385, Noise threshold:0.6
CID-MS/MS Scan:13386, Noise threshold:1.1
ETD-MS/MS Scan:13387, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H

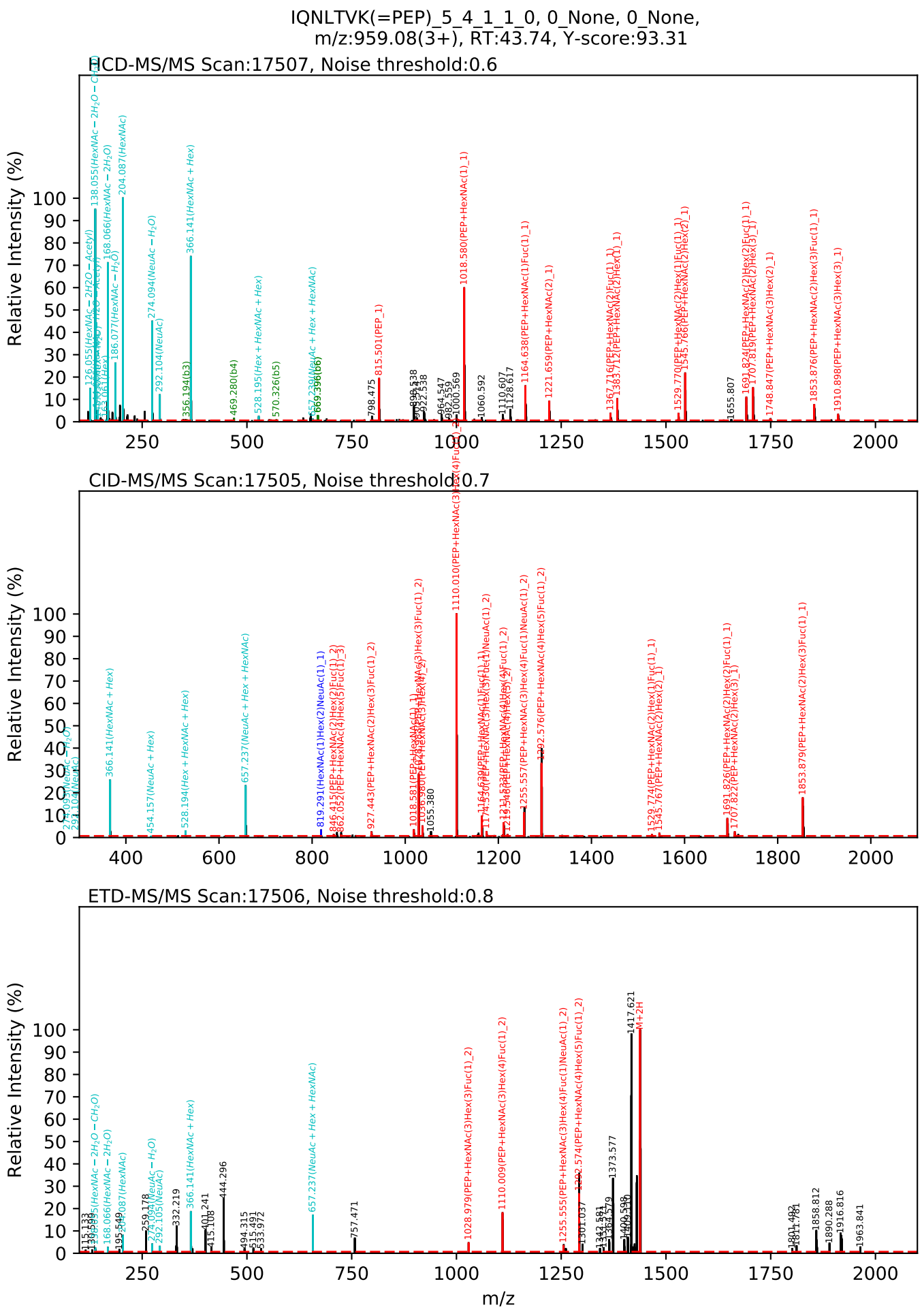

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:36.14, Y-score:91.63
HCD-MS/MS Scan:13683, Noise threshold:0.7
CID-MS/MS Scan:13684, Noise threshold:0.7
ETD-MS/MS Scan:13685, Noise threshold:0.6
Relative Intensity (%)
m/z
M+2H

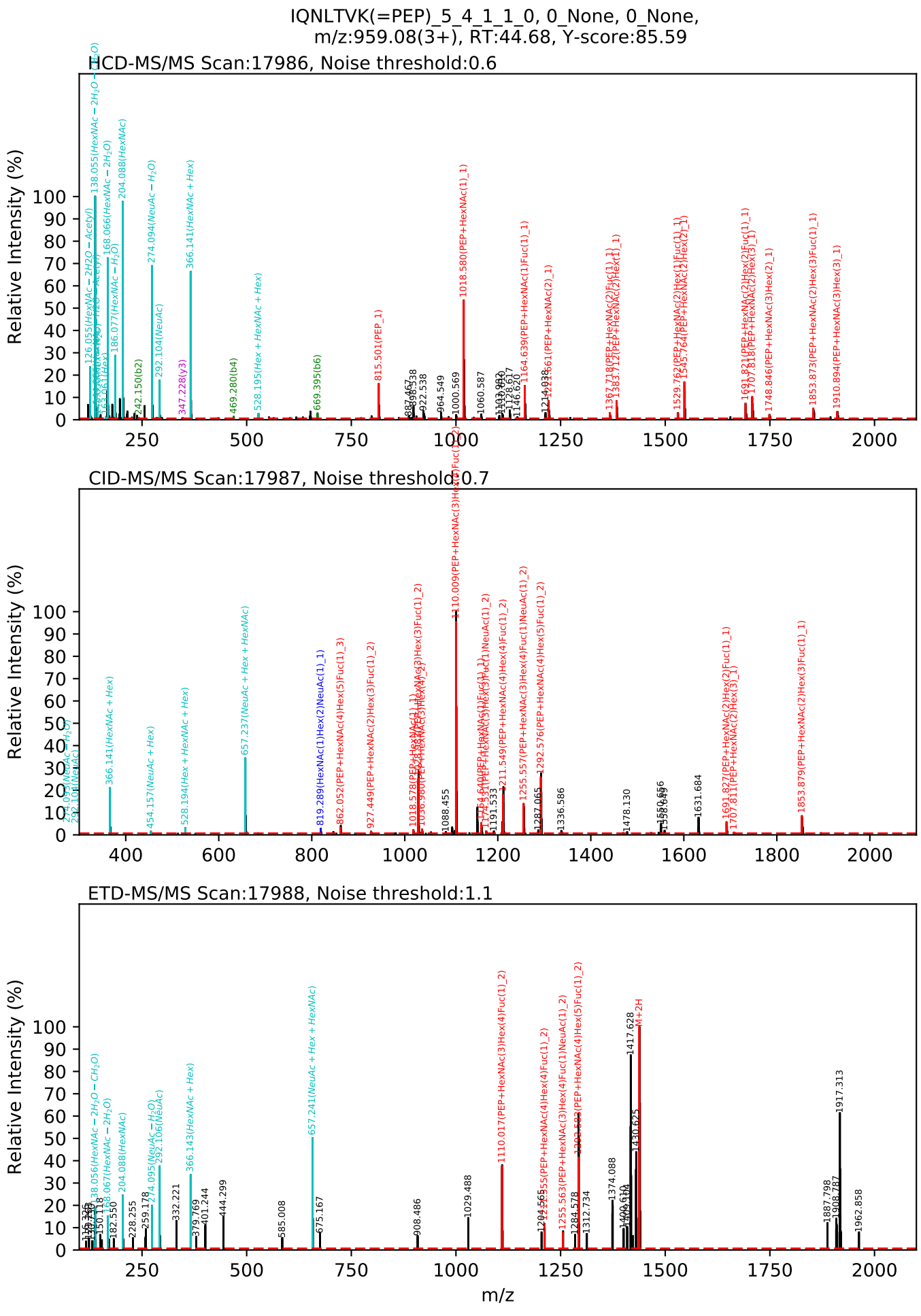

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:36.91, Y-score:90.30
HCD-MS/MS Scan:14085, Noise threshold:0.7
CID-MS/MS Scan:14086, Noise threshold:0.8
ETD-MS/MS Scan:14087, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

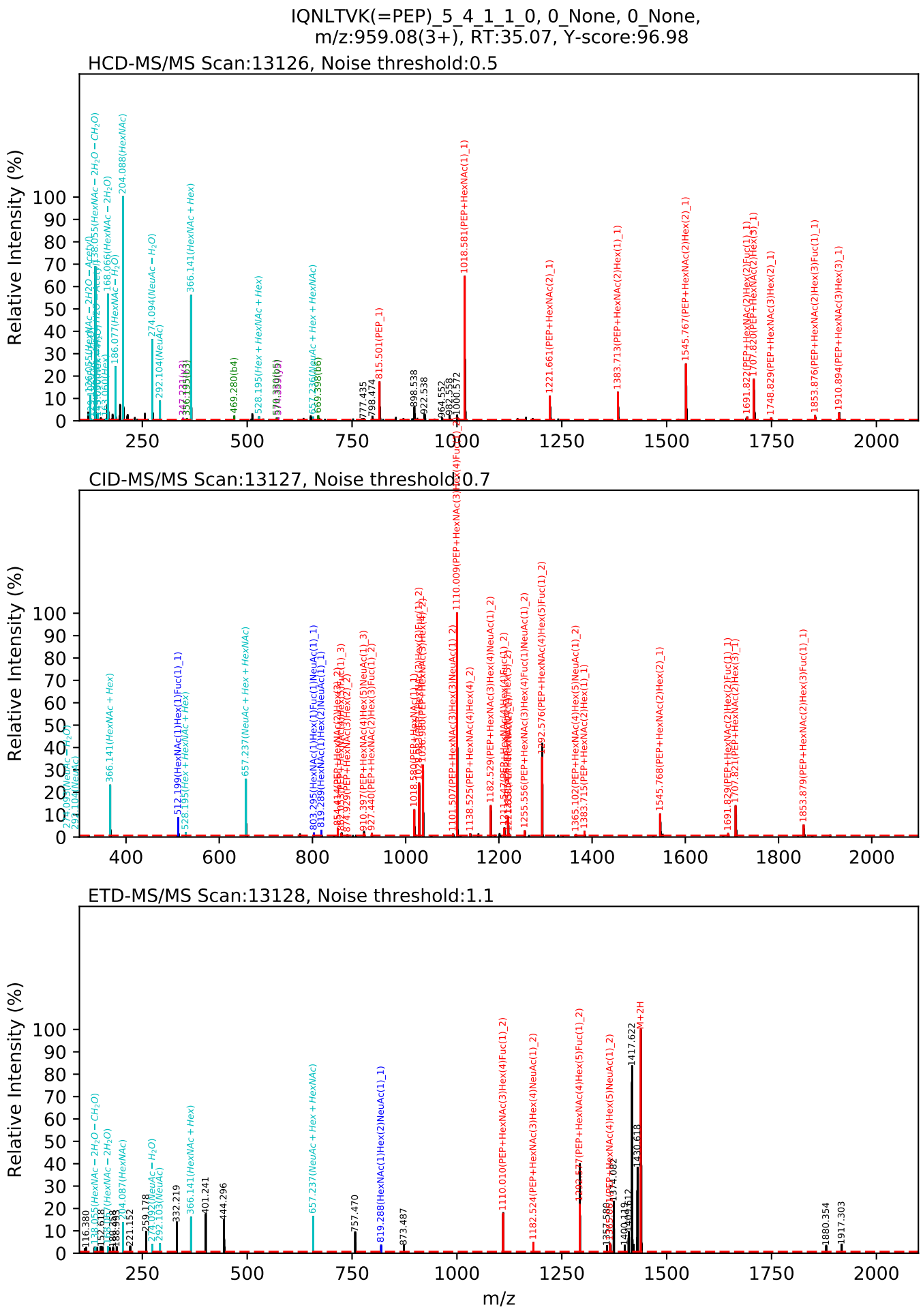

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:27.82, Y-score:85.29
HCD-MS/MS Scan:9463, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:9464, Noise threshold:1.1
Relative Intensity (%)
m/z

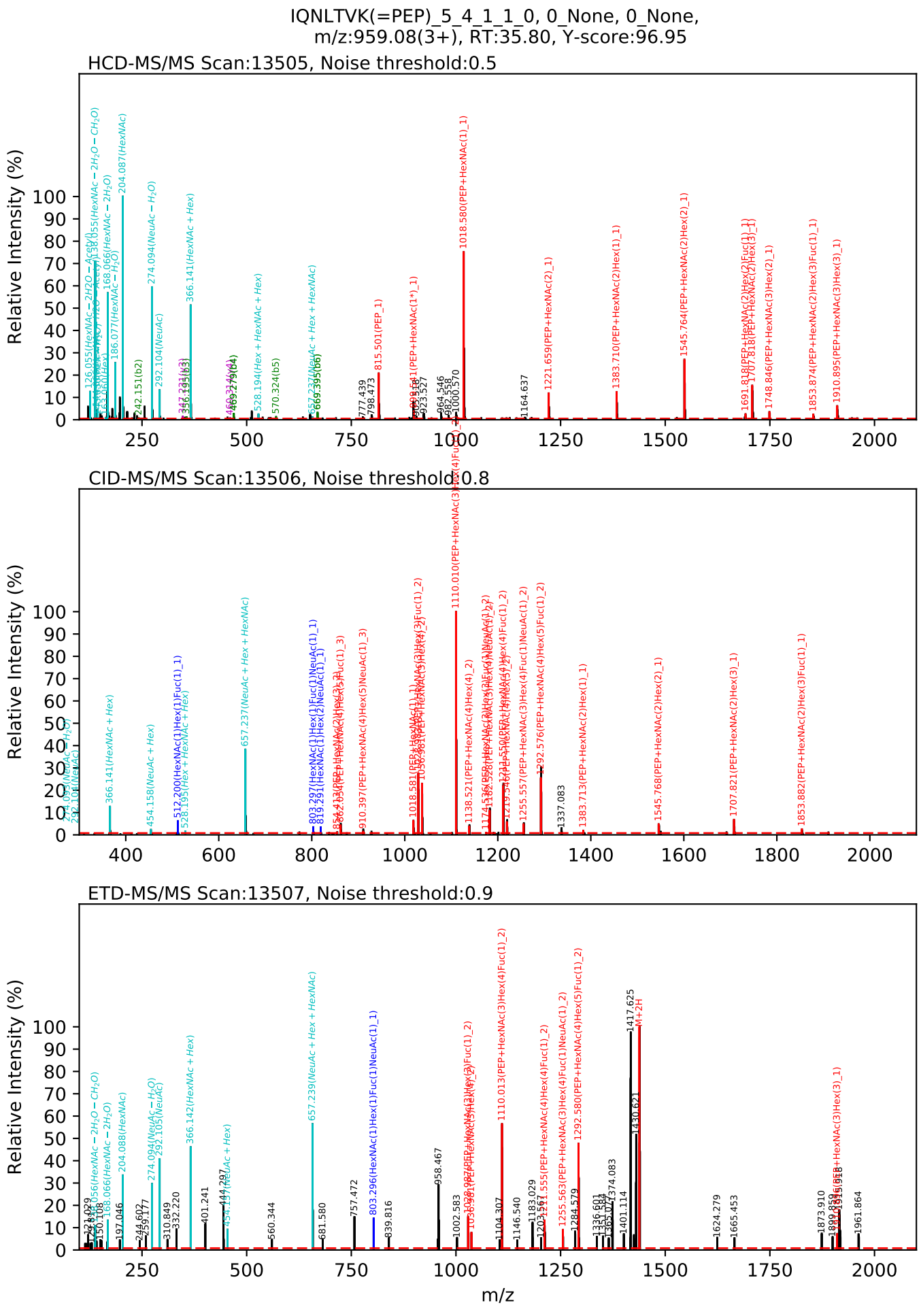

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:30.77, Y-score:56.45
HCD-MS/MS Scan:10976, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:10977, Noise threshold:1.3
Relative Intensity (%)
m/z

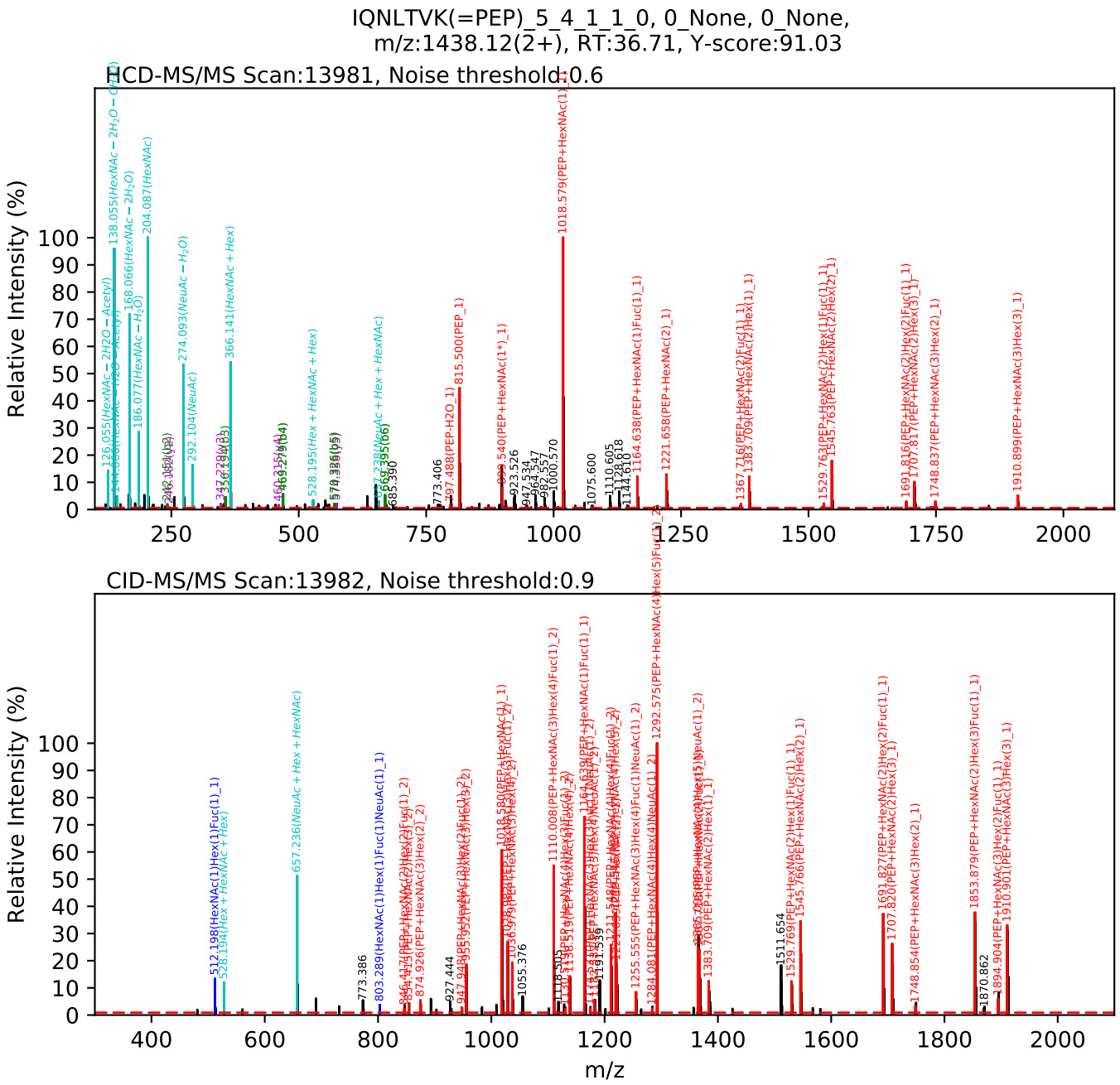

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:862.05(3+), RT:26.17, Y-score:95.21
HCD-MS/MS Scan:8613, Noise threshold:0.6
CID-MS/MS Scan:8614, Noise threshold:0.8
ETD-MS/MS Scan:8615, Noise threshold:1.1
Relative Intensity (%)
m/z

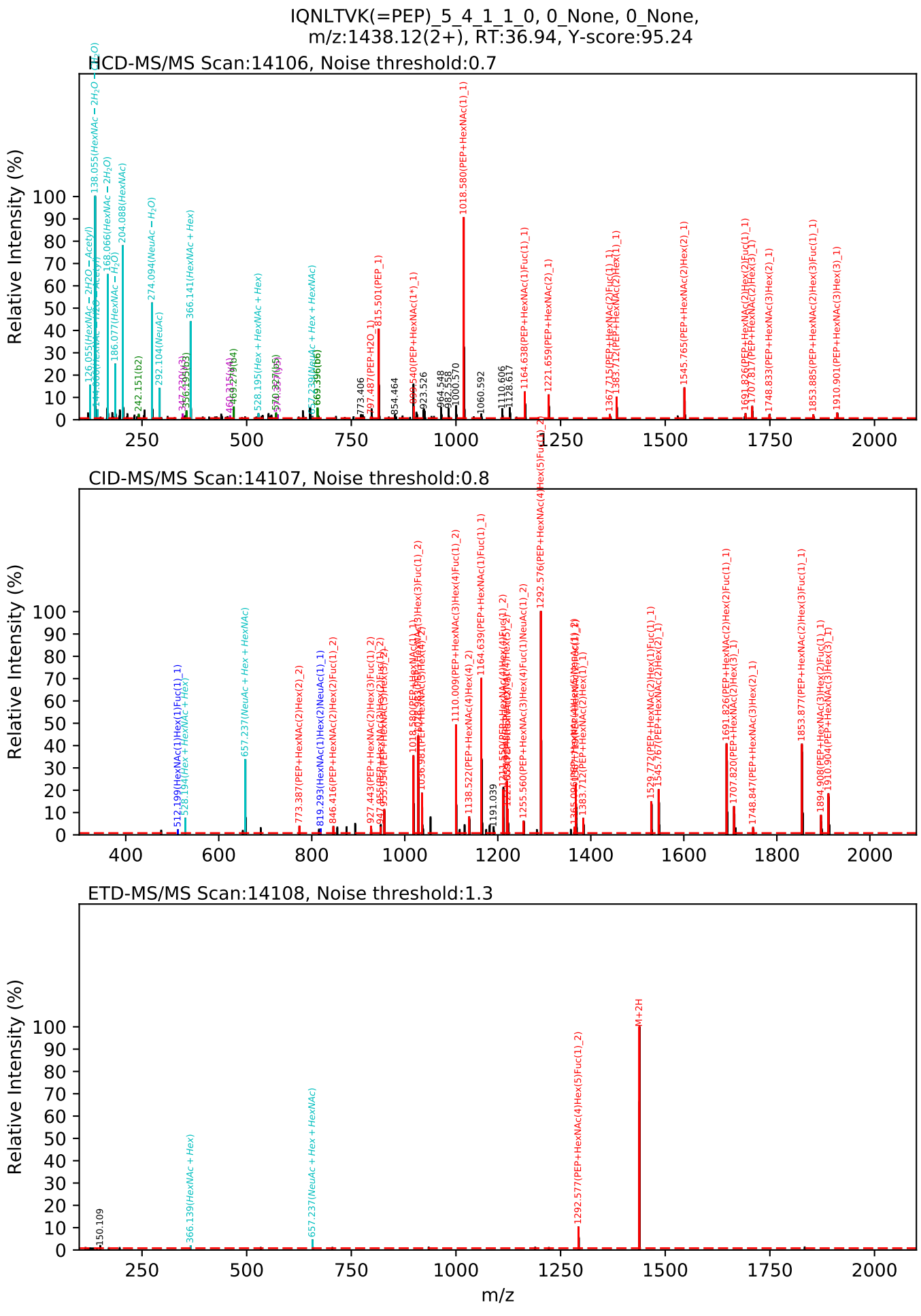

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:43.74, Y-score:93.31
HCD-MS/MS Scan:17507, Noise threshold:0.6
CID-MS/MS Scan:17505, Noise threshold:0.7
ETD-MS/MS Scan:17506, Noise threshold:0.8
Relative Intensity (%)
m/z

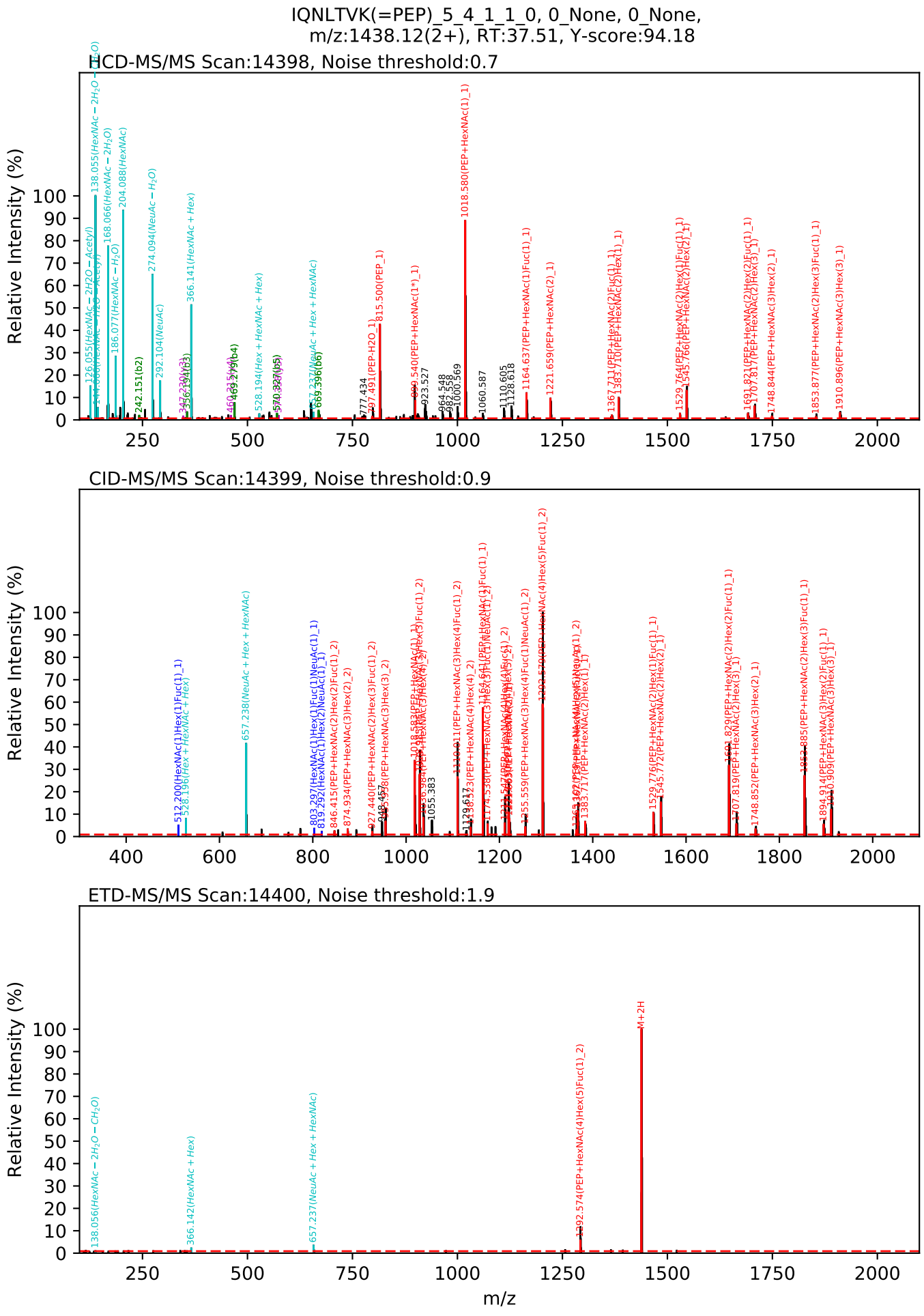

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:44.68, Y-score:85.59
HCD-MS/MS Scan:17986, Noise threshold:0.6
CID-MS/MS Scan:17987, Noise threshold:0.7
ETD-MS/MS Scan:17988, Noise threshold:1.1
Relative Intensity (%)
m/z

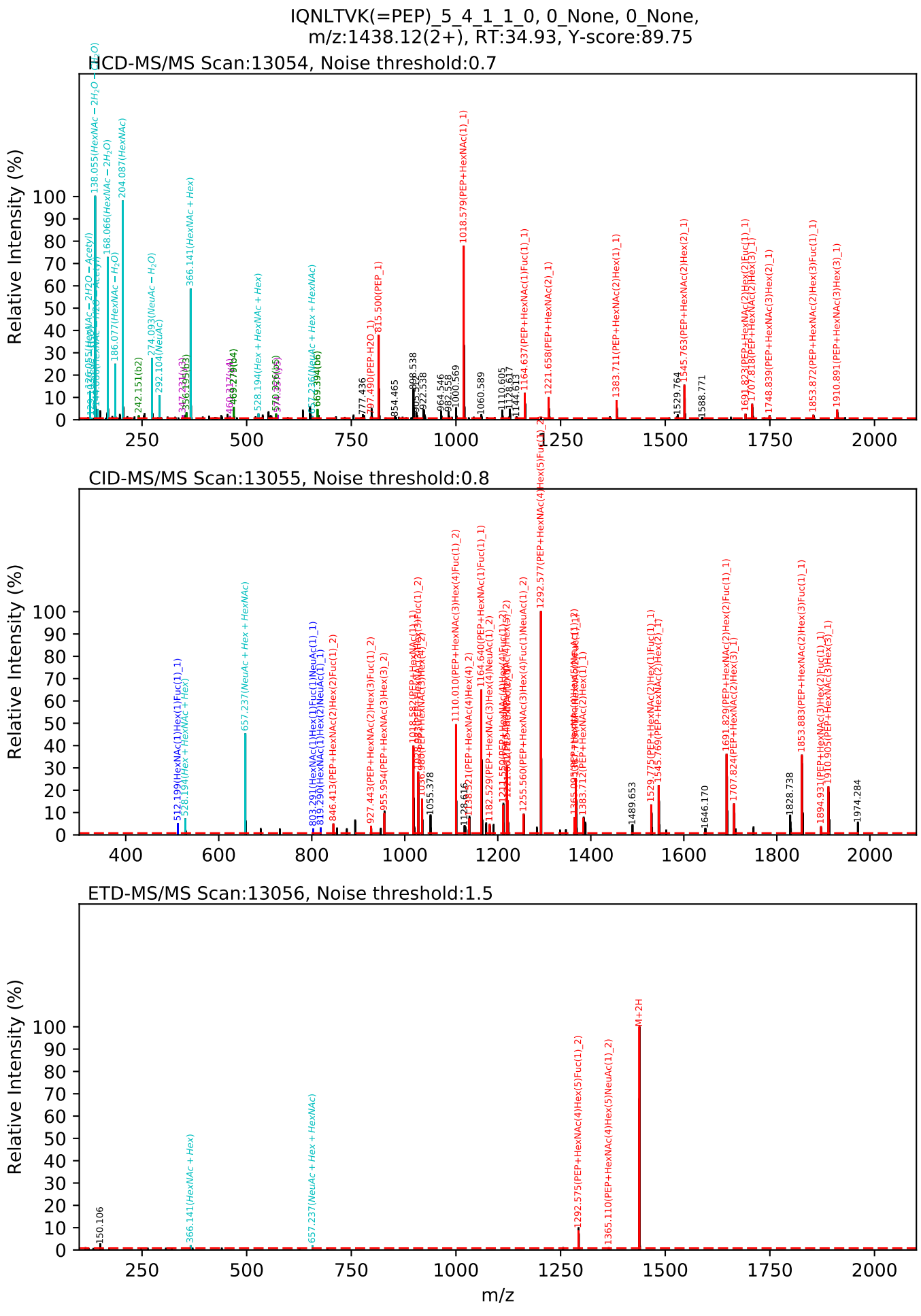

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:35.07, Y-score:96.98
HCD-MS/MS Scan:13126, Noise threshold:0.5
CID-MS/MS Scan:13127, Noise threshold:0.7
ETD-MS/MS Scan:13128, Noise threshold:1.1
Relative Intensity (%)
m/z

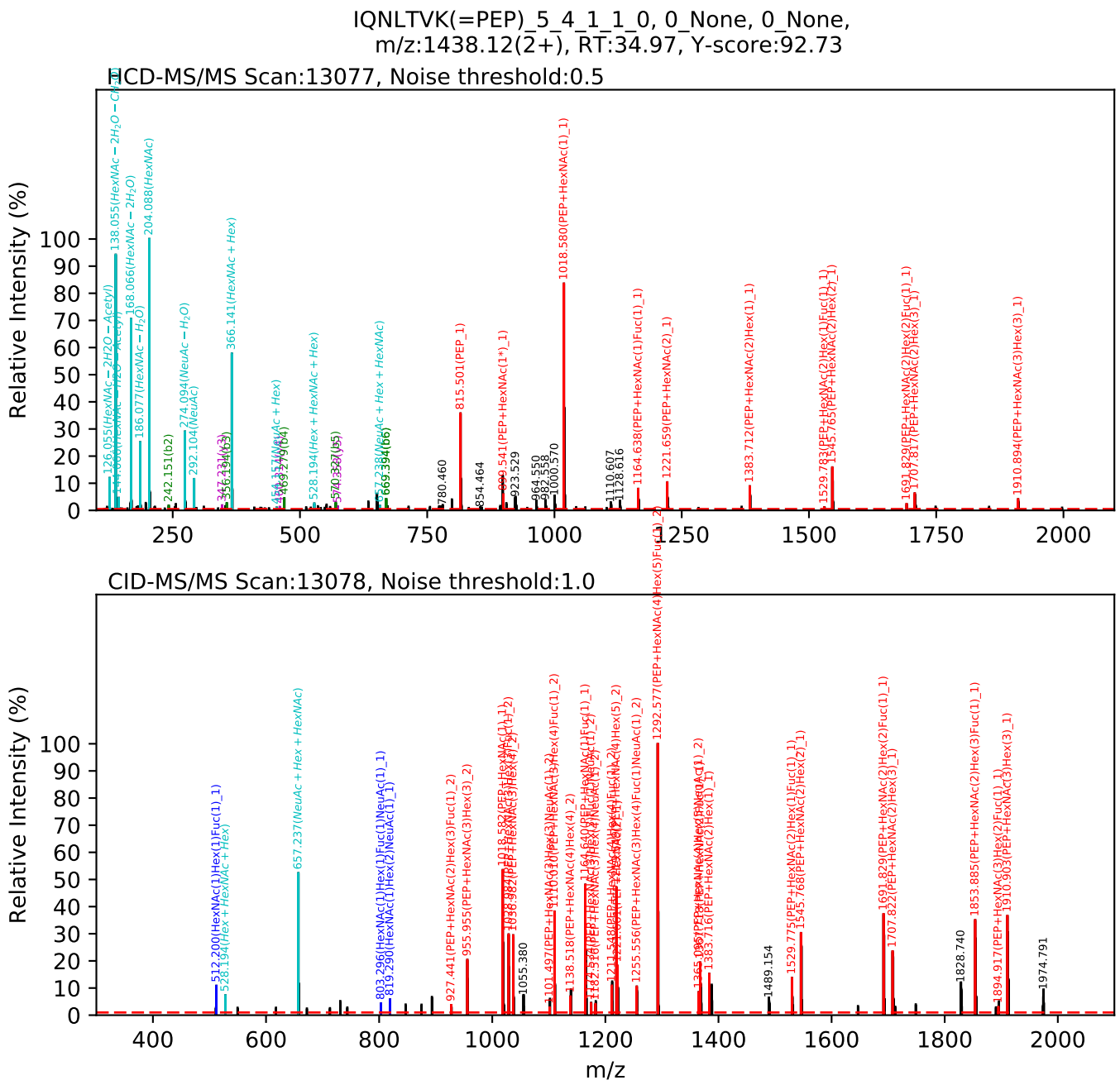

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:35.80, Y-score:96.95
HCD-MS/MS Scan:13505, Noise threshold:0.5
CID-MS/MS Scan:13506, Noise threshold:0.8
ETD-MS/MS Scan:13507, Noise threshold:0.9
Relative Intensity (%)
m/z

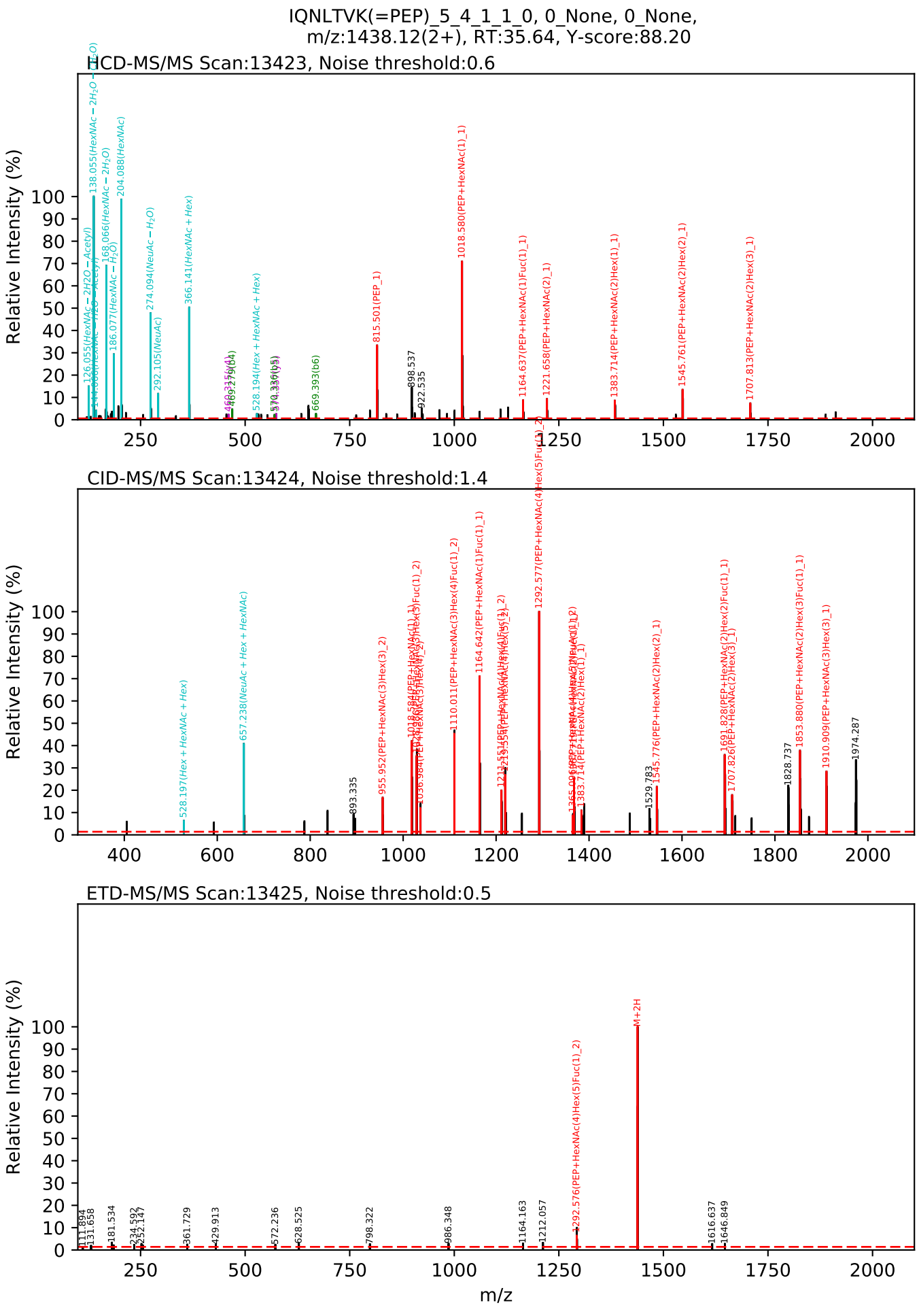

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.71, Y-score:91.03
CID-MS/MS Scan:13981, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:13982, Noise threshold:0.9
Relative Intensity (%)
m/z

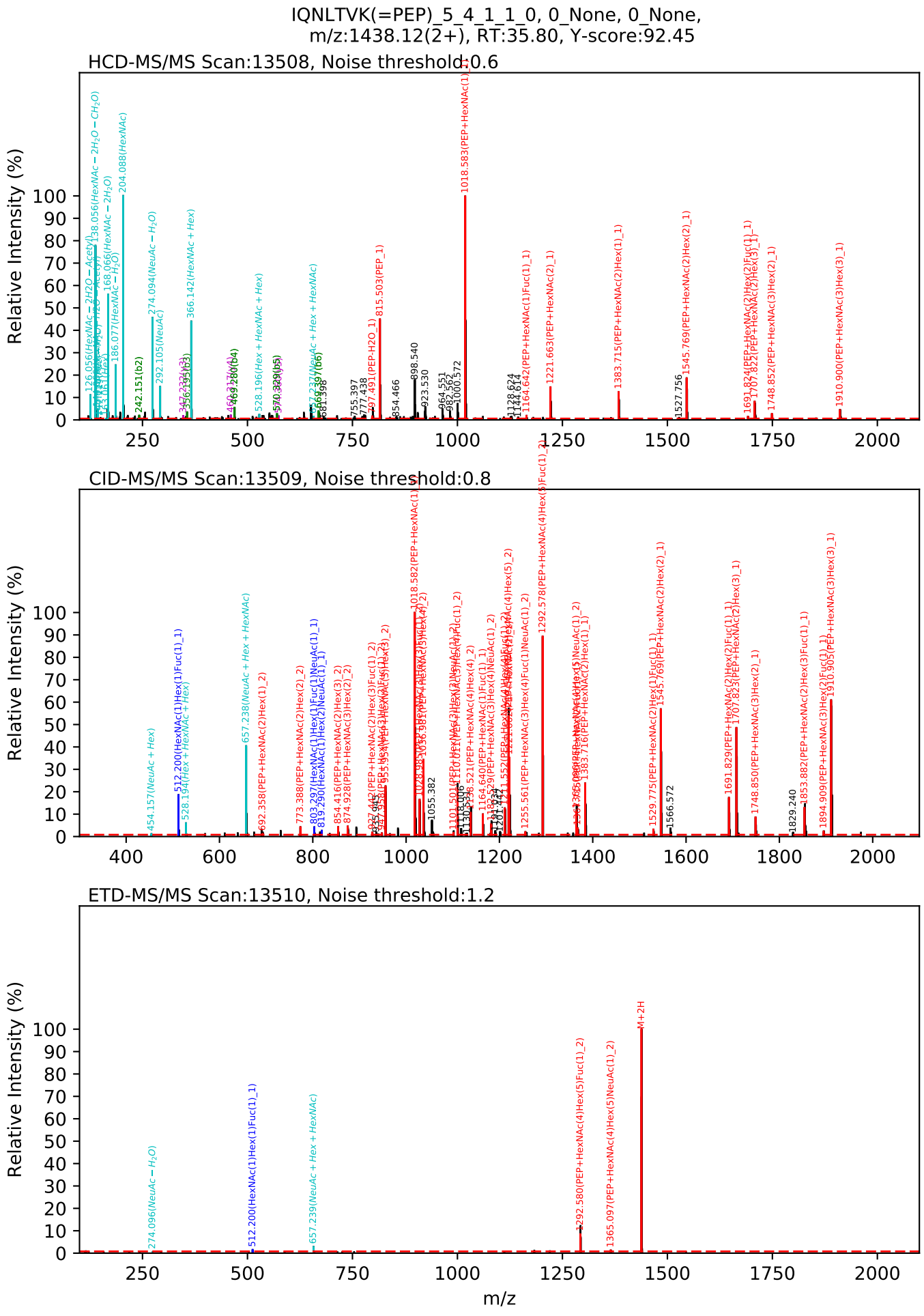

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.94, Y-score:95.24
HCD-MS/MS Scan:14106, Noise threshold:0.7
CID-MS/MS Scan:14107, Noise threshold:0.8
ETD-MS/MS Scan:14108, Noise threshold:1.3
Relative Intensity (%)
m/z
M+2H

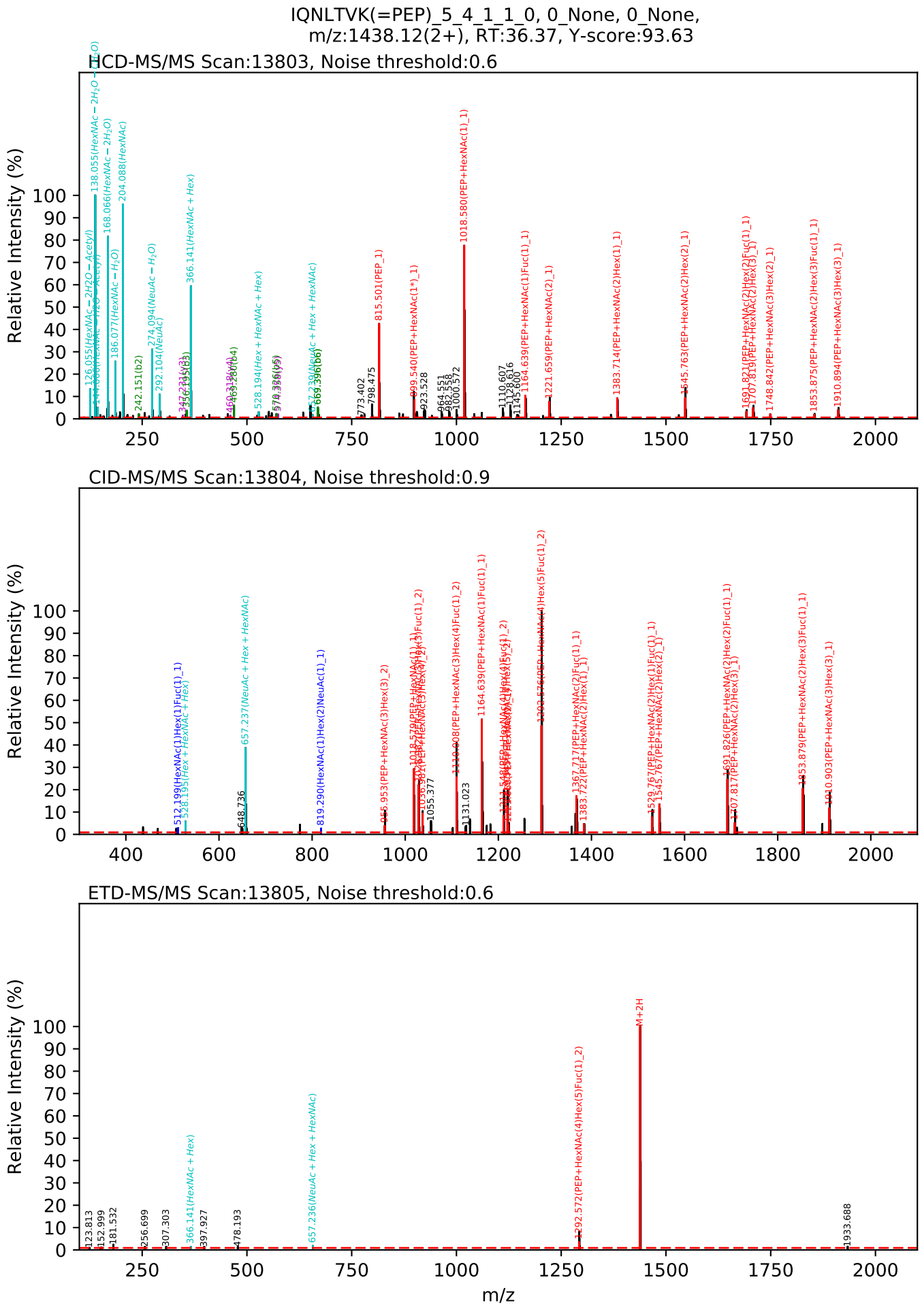

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:37.51, Y-score:94.18
HCD-MS/MS Scan:14398, Noise threshold:0.7
CID-MS/MS Scan:14399, Noise threshold:0.9
ETD-MS/MS Scan:14400, Noise threshold:1.9
Relative Intensity (%)
m/z
M+2H

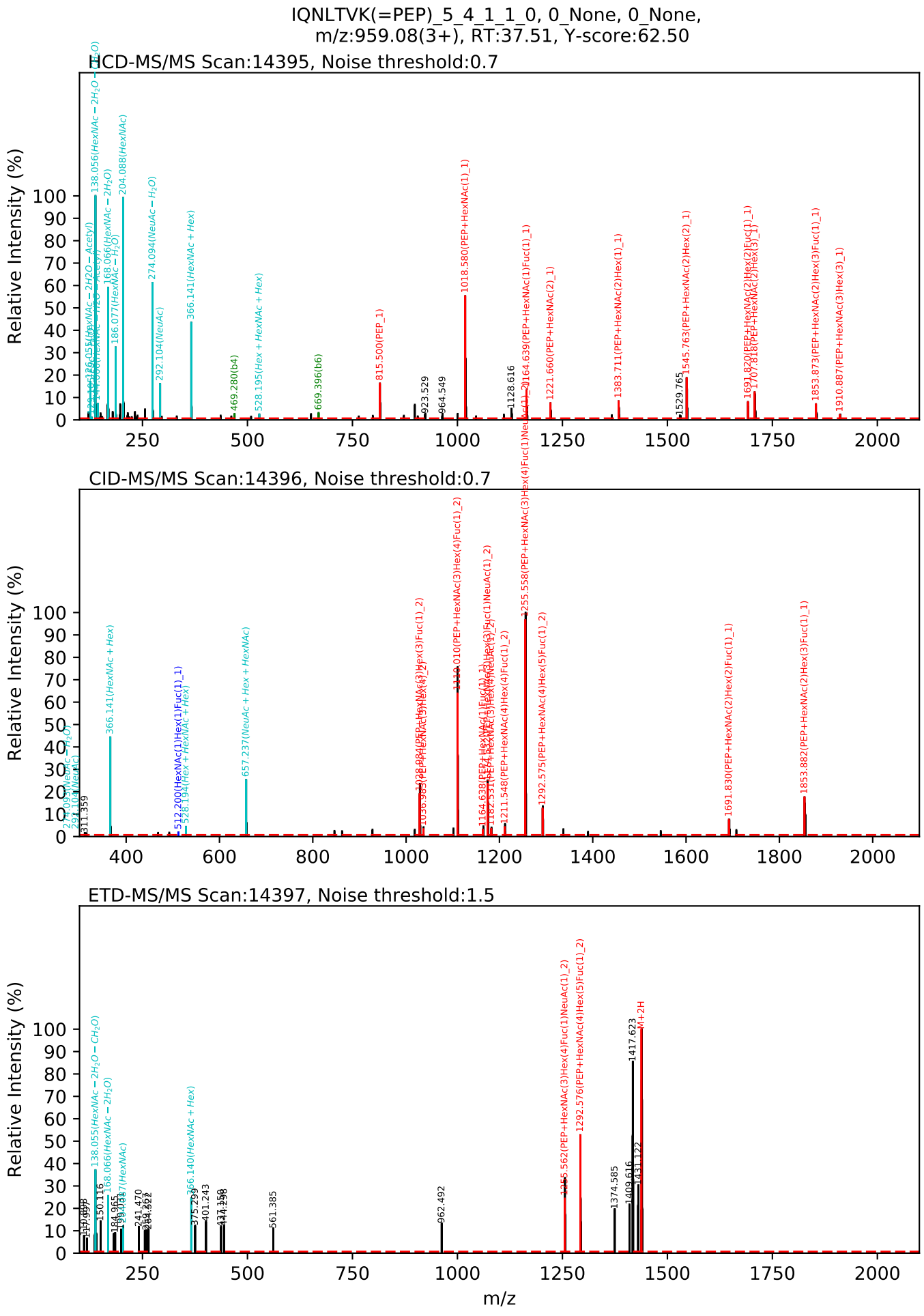

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:34.93, Y-score:89.75
HCD-MS/MS Scan:13054, Noise threshold:0.7
CID-MS/MS Scan:13055, Noise threshold:0.8
ETD-MS/MS Scan:13056, Noise threshold:1.5
Relative Intensity (%)
m/z

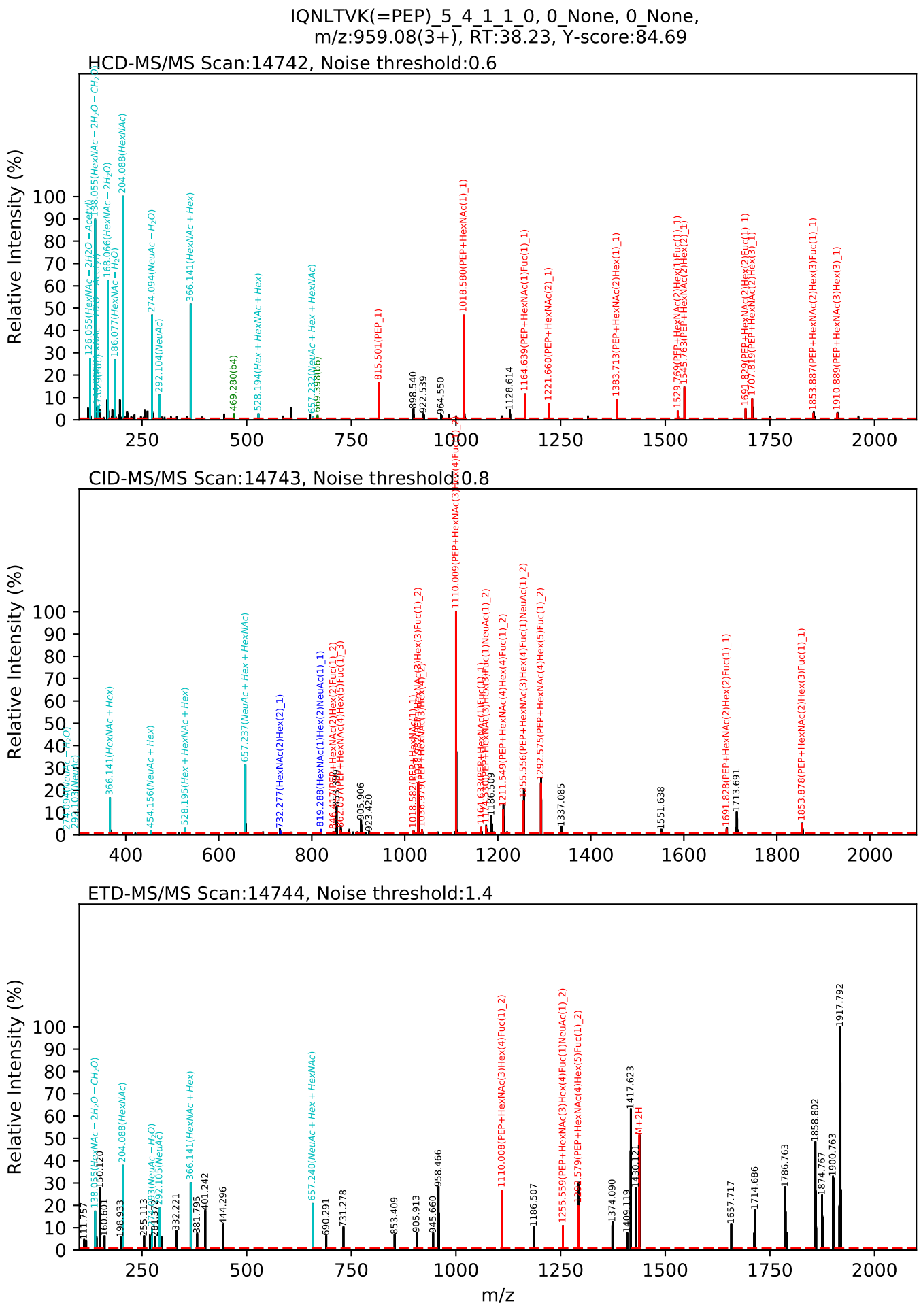

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:34.97, Y-score:92.73
HCD-MS/MS Scan:13077, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:13078, Noise threshold:1.0
Relative Intensity (%)
m/z

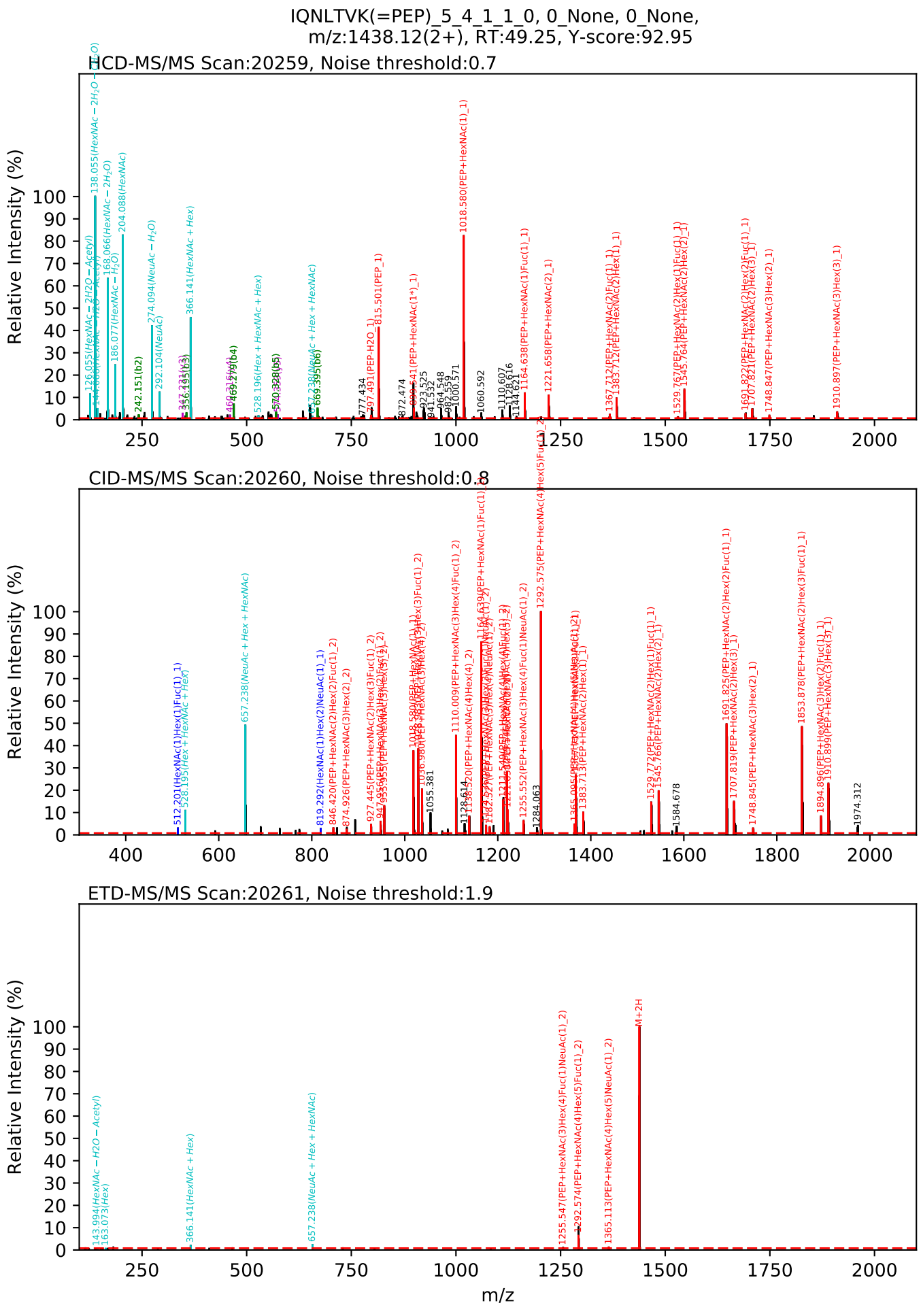

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:35.64, Y-score:88.20
HCD-MS/MS Scan:13423, Noise threshold:0.6
CID-MS/MS Scan:13424, Noise threshold:1.4
ETD-MS/MS Scan:13425, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

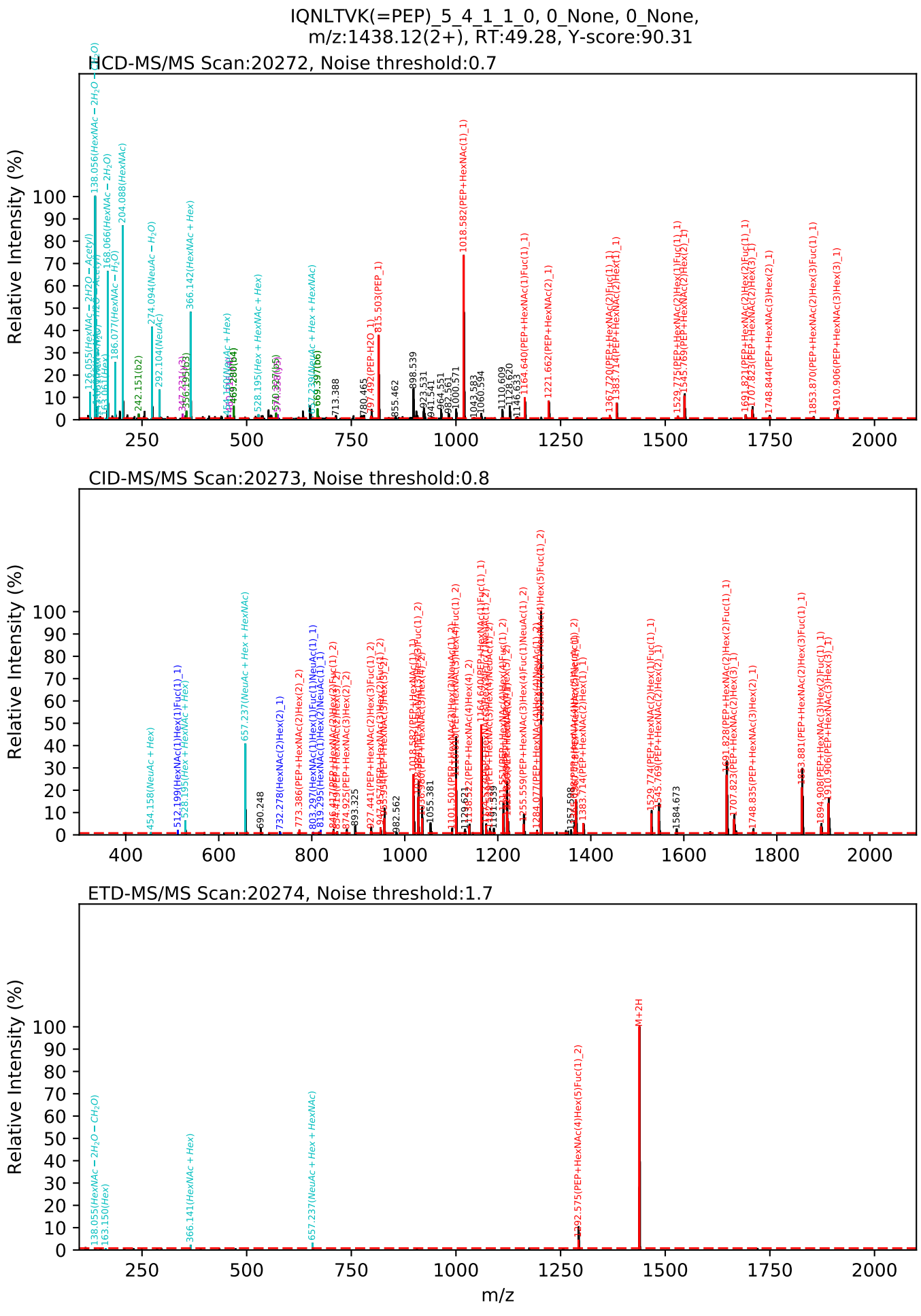

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:35.80, Y-score:92.45
HCD-MS/MS Scan:13508, Noise threshold:0.6
CID-MS/MS Scan:13509, Noise threshold:0.8
ETD-MS/MS Scan:13510, Noise threshold:1.2
Relative Intensity (%)
m/z

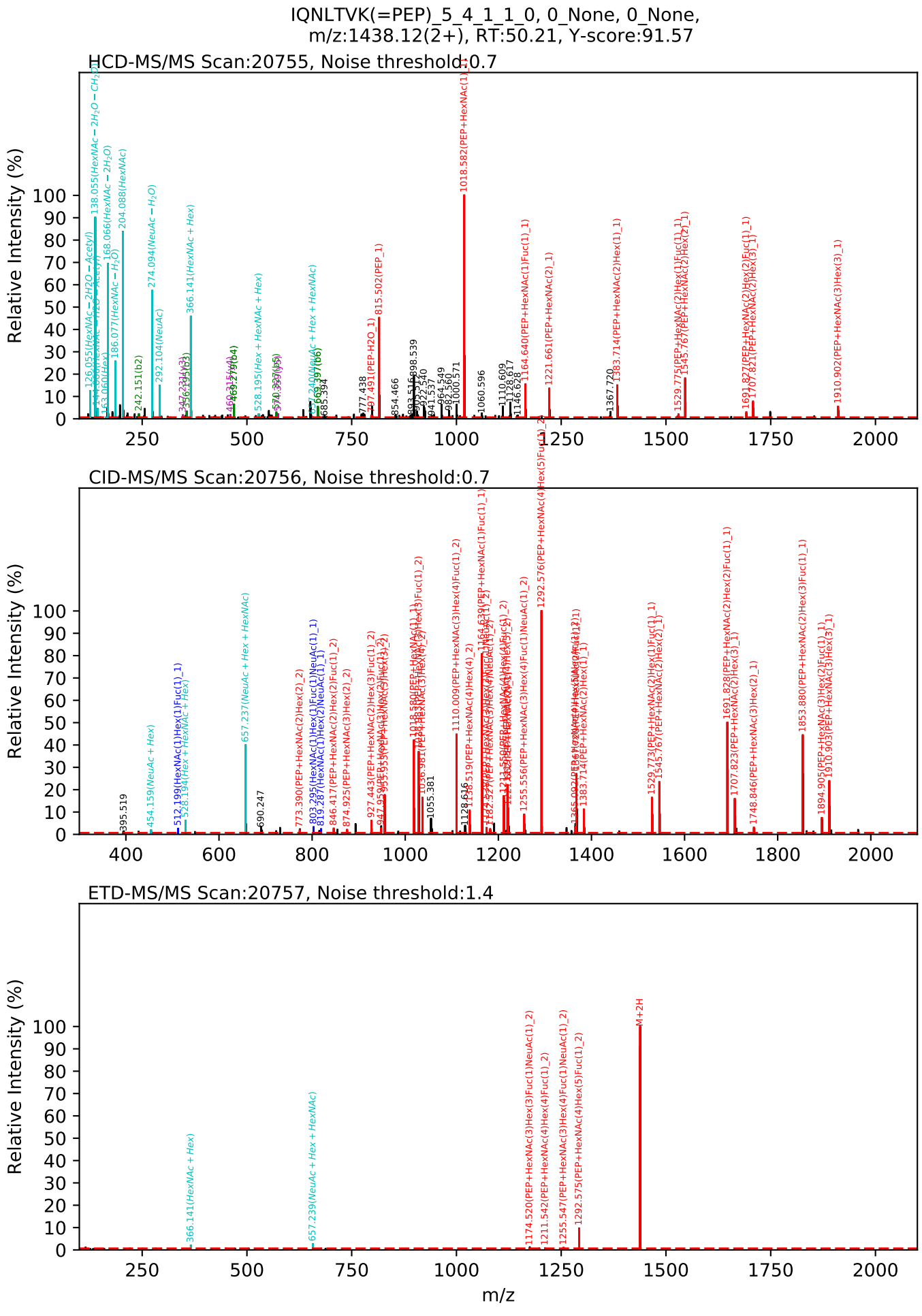

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.37, Y-score:93.63
HCD-MS/MS Scan:13803, Noise threshold:0.6
CID-MS/MS Scan:13804, Noise threshold:0.9
ETD-MS/MS Scan:13805, Noise threshold:0.6
Relative Intensity (%)
m/z

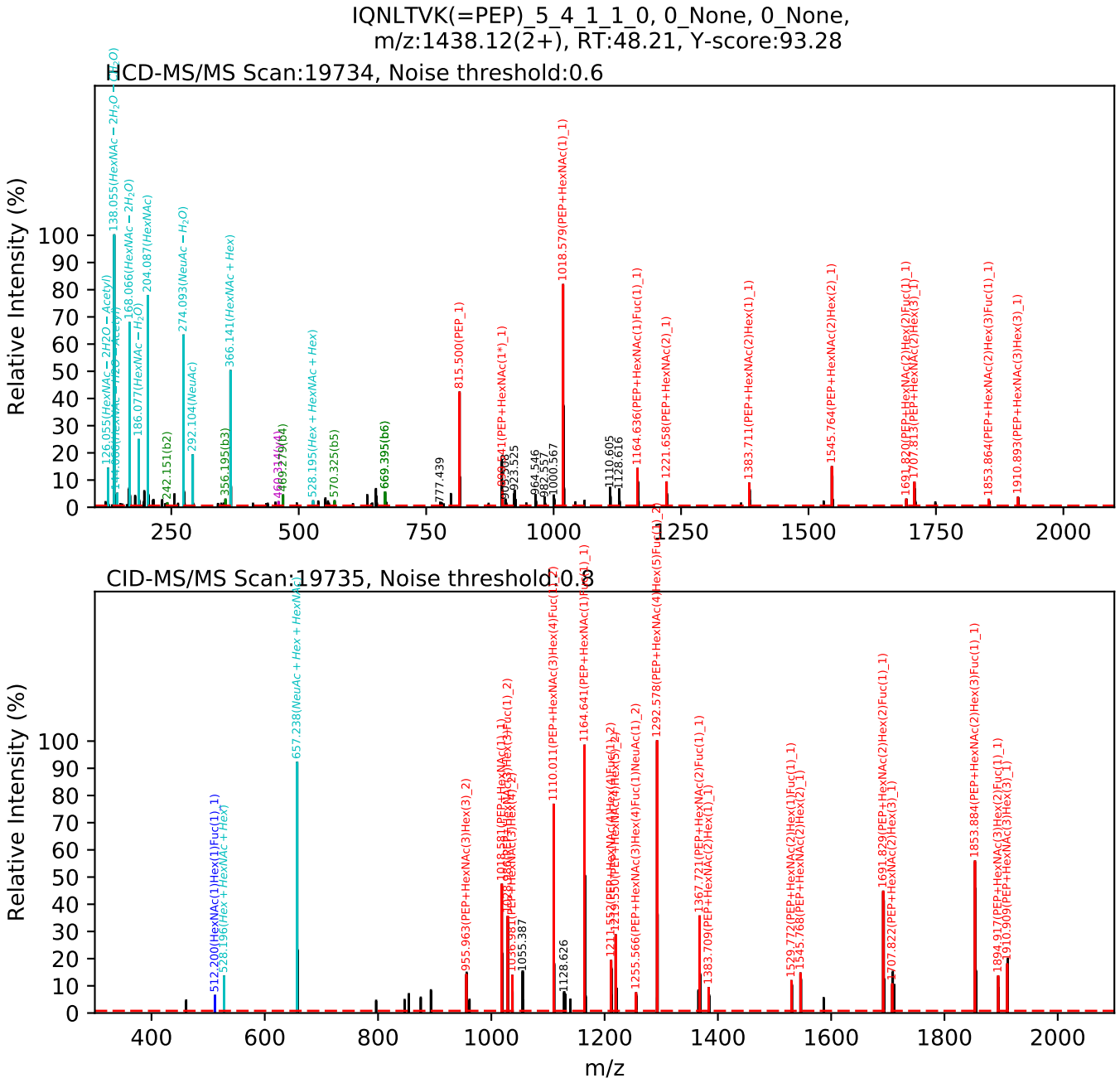

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:37.51, Y-score:62.50
HCD-MS/MS Scan:14395, Noise threshold:0.7
Relative Intensity (%)
138.056(HexNAc − 2H2O − Acetyl)
204.088(HexNAc)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.280(b4)
528.195(Hex + HexNAc + Hex)
669.396(b6)
815.500(PEP_1)
923.529
964.549
1018.580(PEP+HexNAc(1)_1)
1128.616
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1529.765
1545.763(PEP+HexNAc(2)Hex(2)_1)
1853.873(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.887(PEP+HexNAc(3)Hex(3)_1)
m/z
CID-MS/MS Scan:14396, Noise threshold:0.7
Relative Intensity (%)
311.359
366.141(HexNAc + Hex)
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
1255.558(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1292.575(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1691.830(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1853.882(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
m/z
ETD-MS/MS Scan:14397, Noise threshold:1.5
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
204.087(HexNAc)
366.140(HexNAc + Hex)
561.385
962.492
1292.576(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1374.585
1417.623
M+2H
m/z

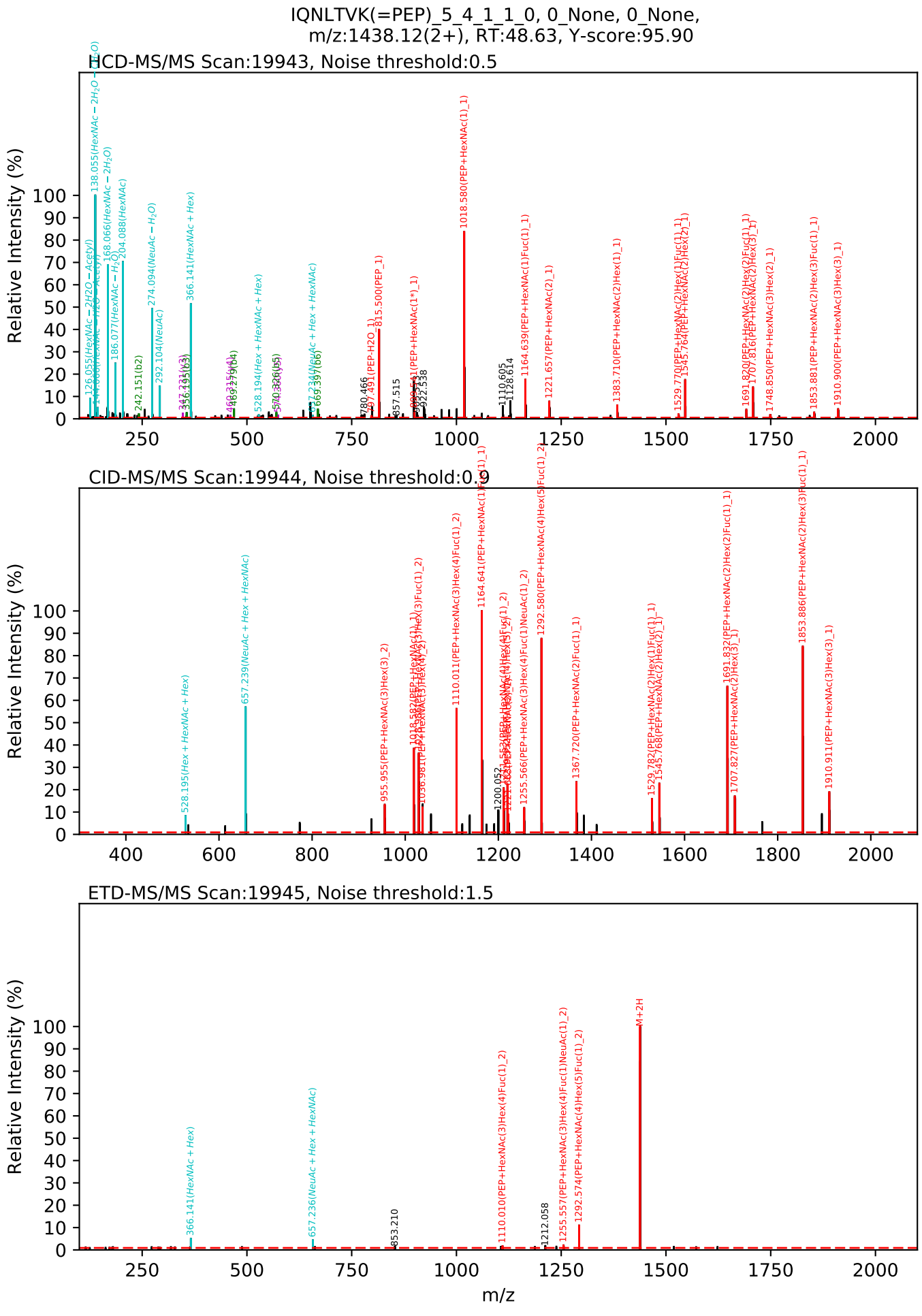

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:38.23, Y-score:84.69
HCD-MS/MS Scan:14742, Noise threshold:0.6
CID-MS/MS Scan:14743, Noise threshold:0.8
ETD-MS/MS Scan:14744, Noise threshold:1.4
Relative Intensity (%)
m/z

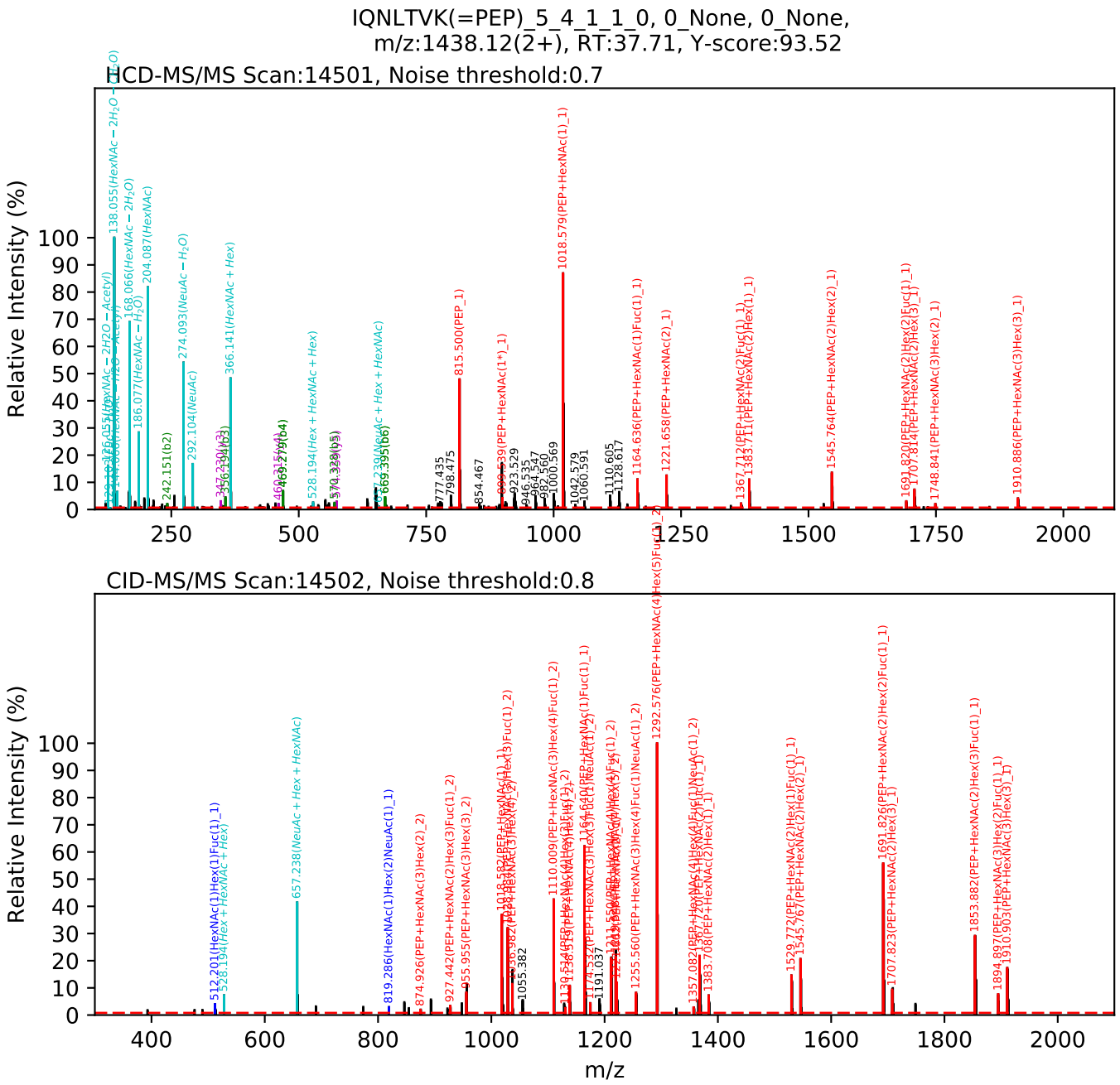

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:49.25, Y-score:92.95
HCD-MS/MS Scan:20259, Noise threshold:0.7
CID-MS/MS Scan:20260, Noise threshold:0.8
ETD-MS/MS Scan:20261, Noise threshold:1.9
Relative Intensity (%)
m/z

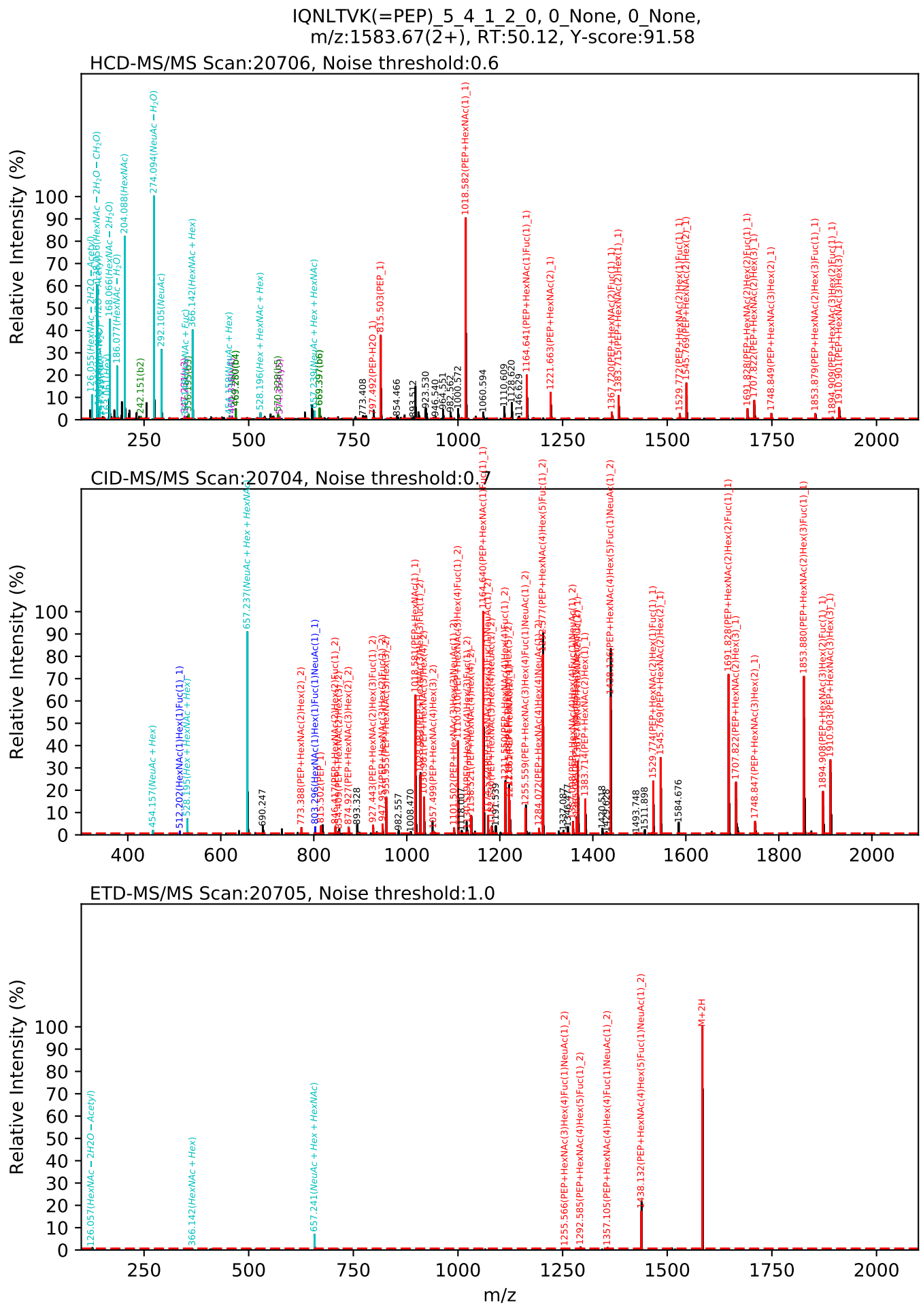

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:49.28, Y-score:90.31
HCD-MS/MS Scan:20272, Noise threshold:0.7
CID-MS/MS Scan:20273, Noise threshold:0.8
ETD-MS/MS Scan:20274, Noise threshold:1.7
Relative Intensity (%)
m/z
M+2H

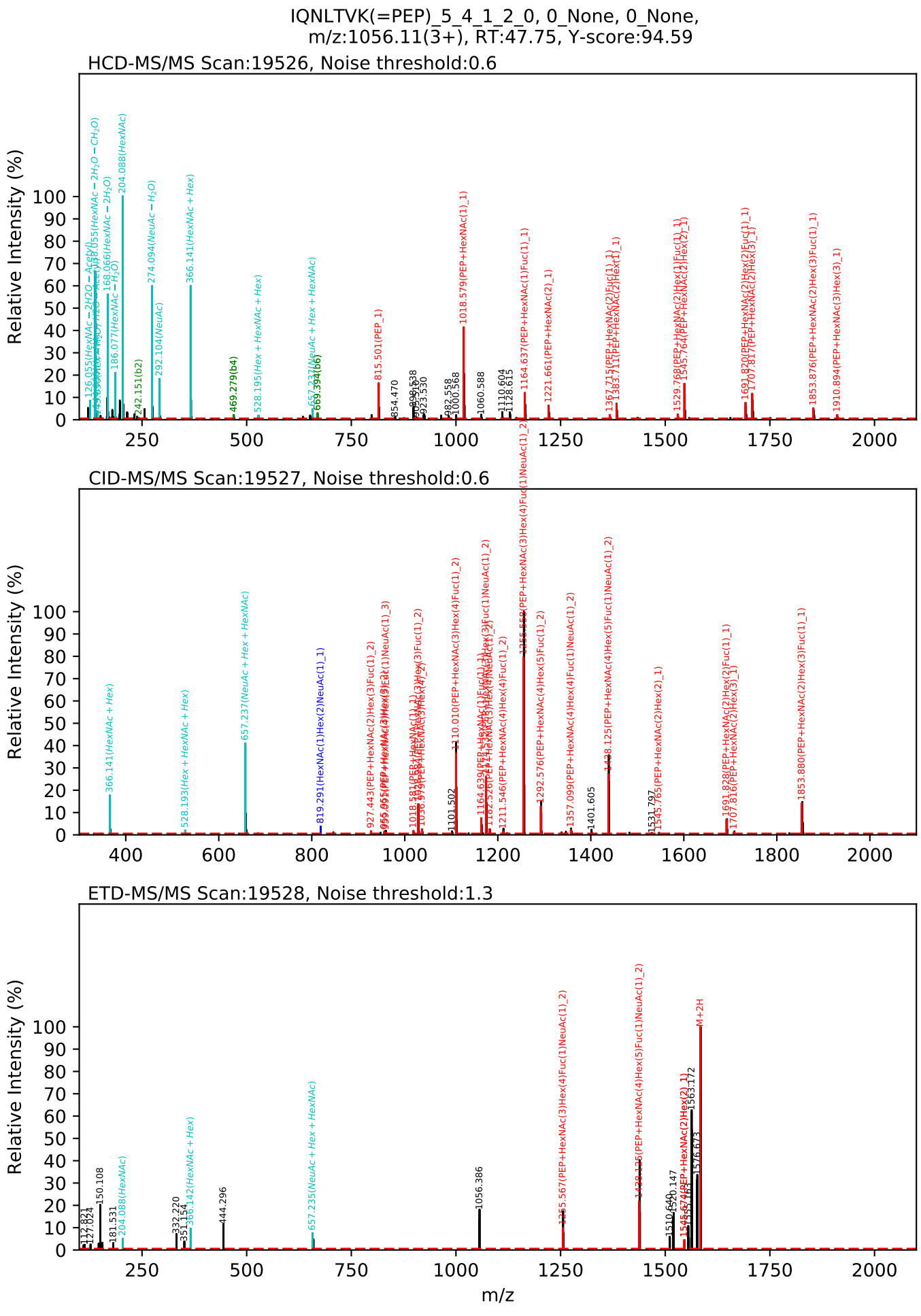

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:50.21, Y-score:91.57
HCD-MS/MS Scan:20755, Noise threshold:0.7
CID-MS/MS Scan:20756, Noise threshold:0.7
ETD-MS/MS Scan:20757, Noise threshold:1.4
Relative Intensity (%)
m/z

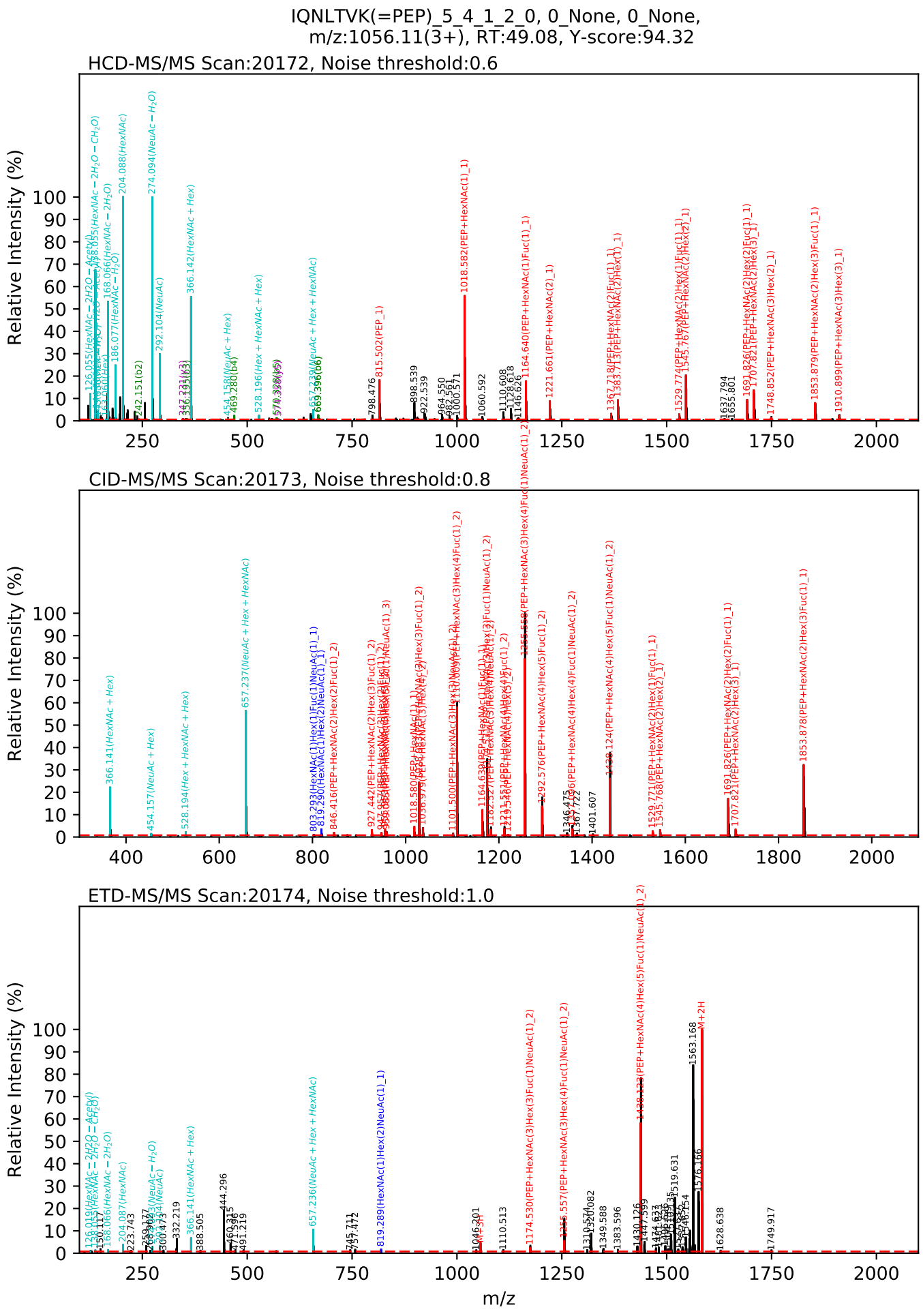

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:48.21, Y-score:93.28
HCD-MS/MS Scan:19734, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:19735, Noise threshold:0.8
Relative Intensity (%)
m/z

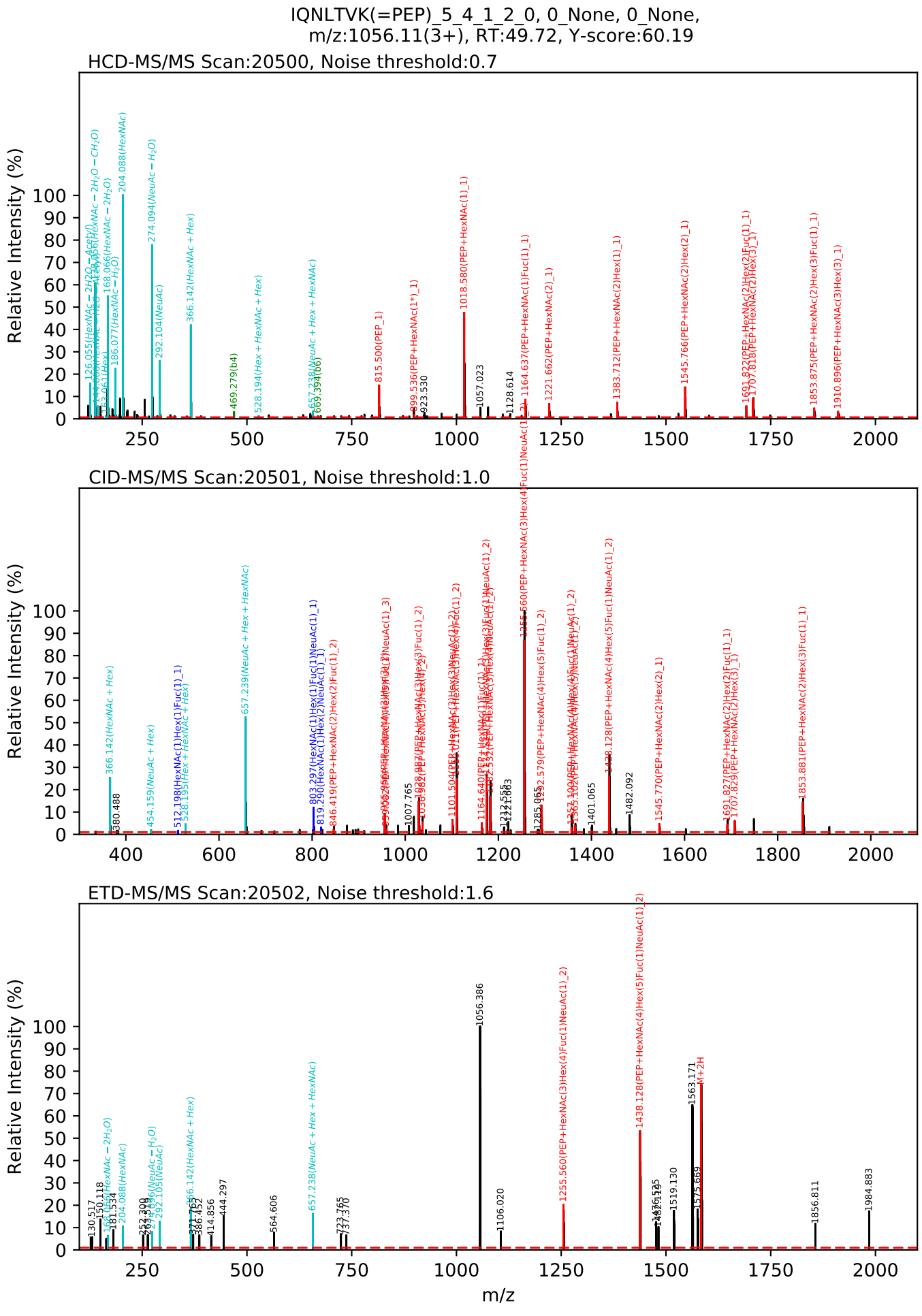

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:48.63, Y-score:95.90
HCD-MS/MS Scan:19943, Noise threshold:0.5
CID-MS/MS Scan:19944, Noise threshold:0.9
ETD-MS/MS Scan:19945, Noise threshold:1.5
Relative Intensity (%)
m/z
M+2H

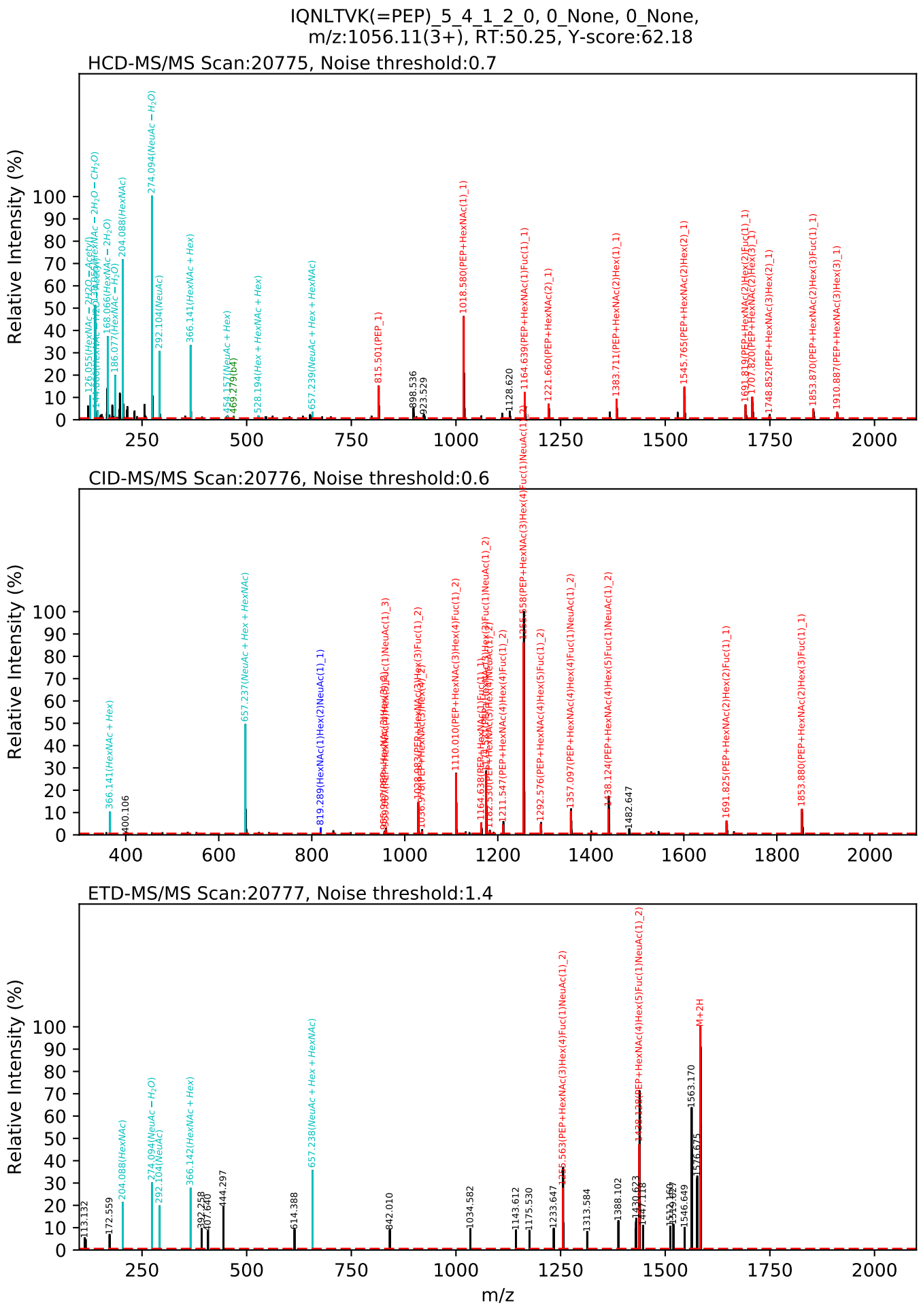

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:37.71, Y-score:93.52
HCD-MS/MS Scan:14501, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:14502, Noise threshold:0.8
Relative Intensity (%)
m/z

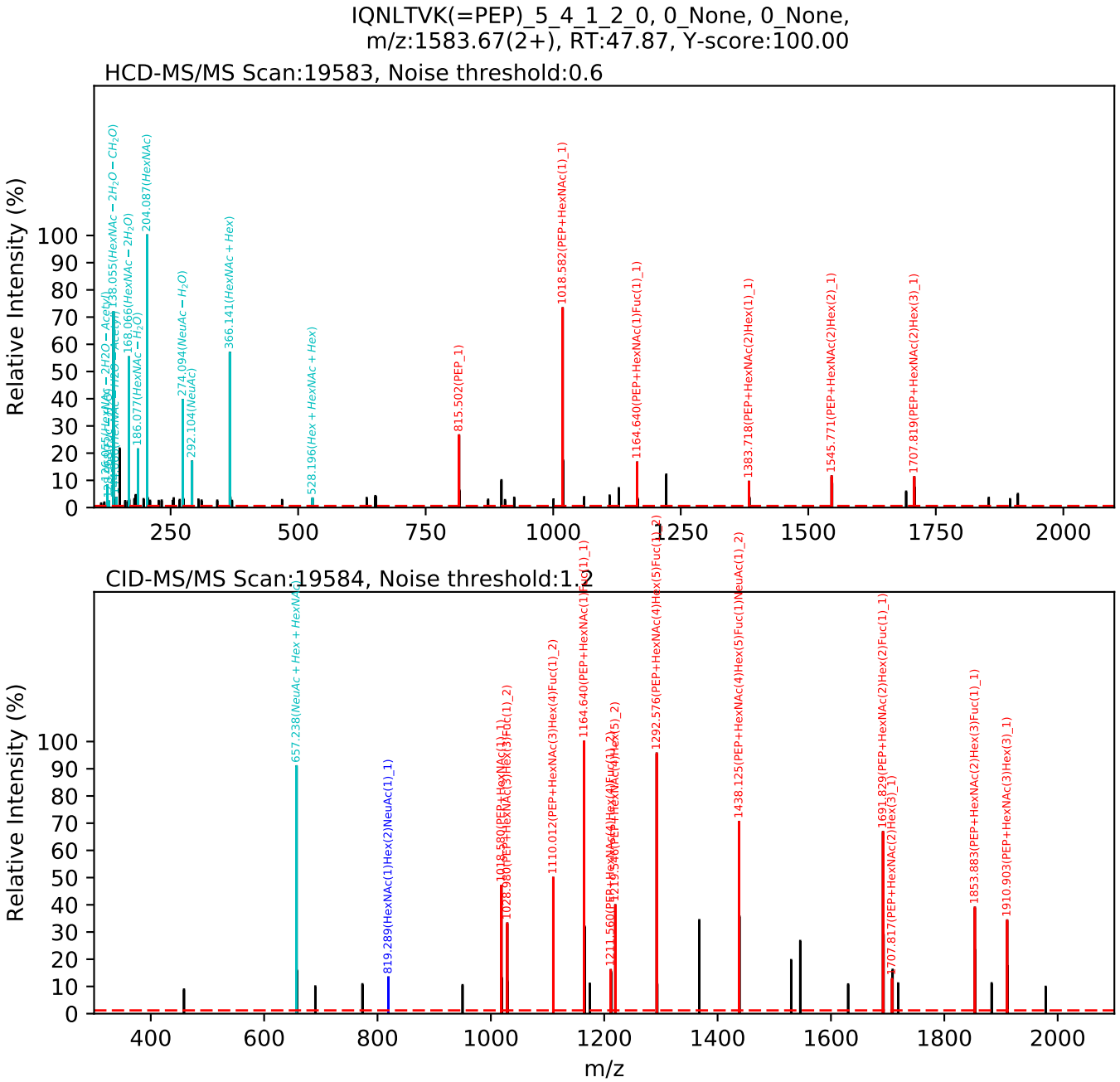

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:50.12, Y-score:91.58
HCD-MS/MS Scan:20706, Noise threshold:0.6
CID-MS/MS Scan:20704, Noise threshold:0.7
ETD-MS/MS Scan:20705, Noise threshold:1.0
Relative Intensity (%)
m/z

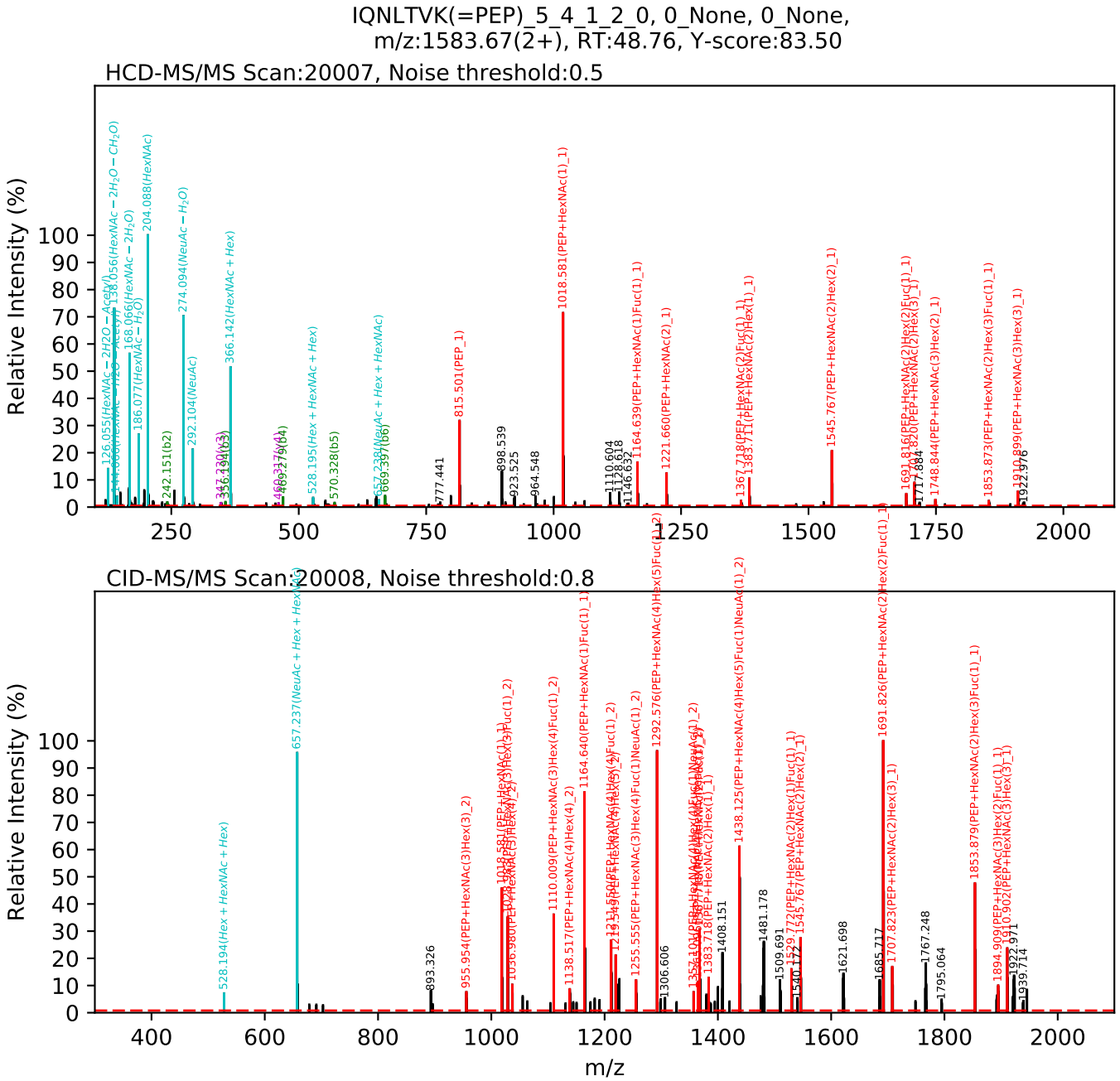

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:47.75, Y-score:94.59
HCD-MS/MS Scan:19526, Noise threshold:0.6
CID-MS/MS Scan:19527, Noise threshold:0.6
ETD-MS/MS Scan:19528, Noise threshold:1.3
Relative Intensity (%)
m/z

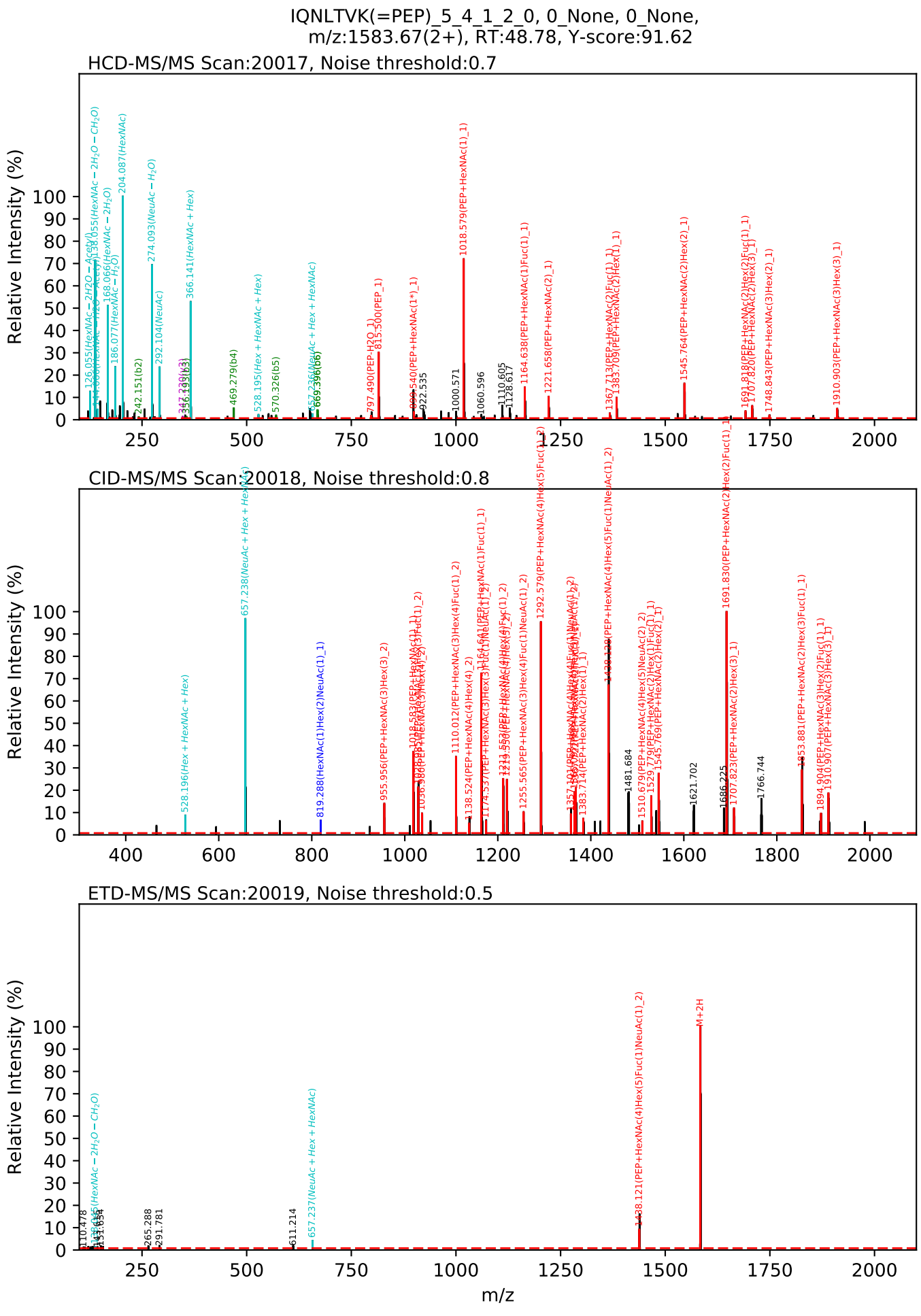

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:49.08, Y-score:94.32
HCD-MS/MS Scan:20172, Noise threshold:0.6
CID-MS/MS Scan:20173, Noise threshold:0.8
ETD-MS/MS Scan:20174, Noise threshold:1.0
Relative Intensity (%)
m/z

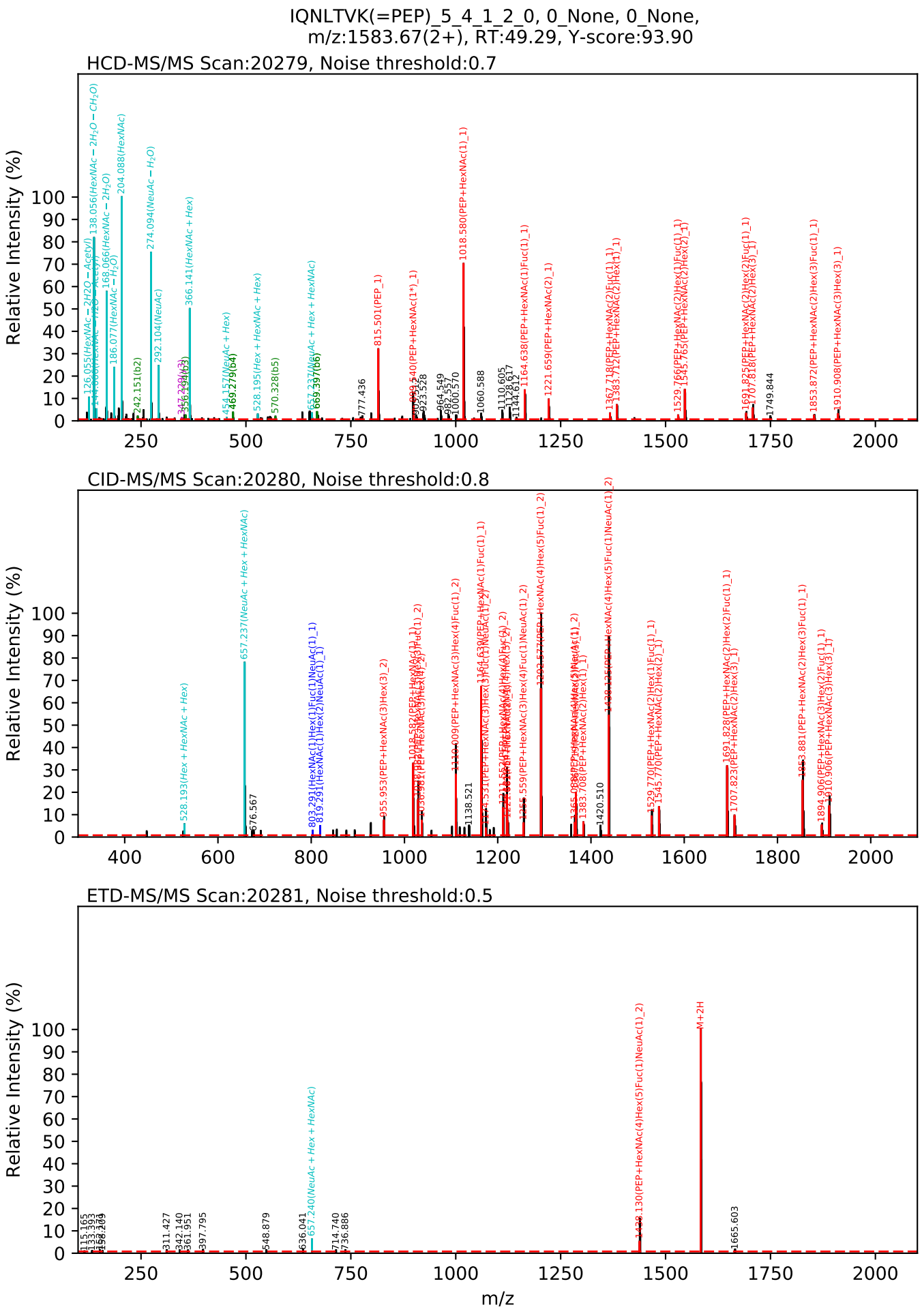

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:49.72, Y-score:60.19
HCD-MS/MS Scan:20500, Noise threshold:0.7
CID-MS/MS Scan:20501, Noise threshold:1.0
ETD-MS/MS Scan:20502, Noise threshold:1.6
Relative Intensity (%)
m/z

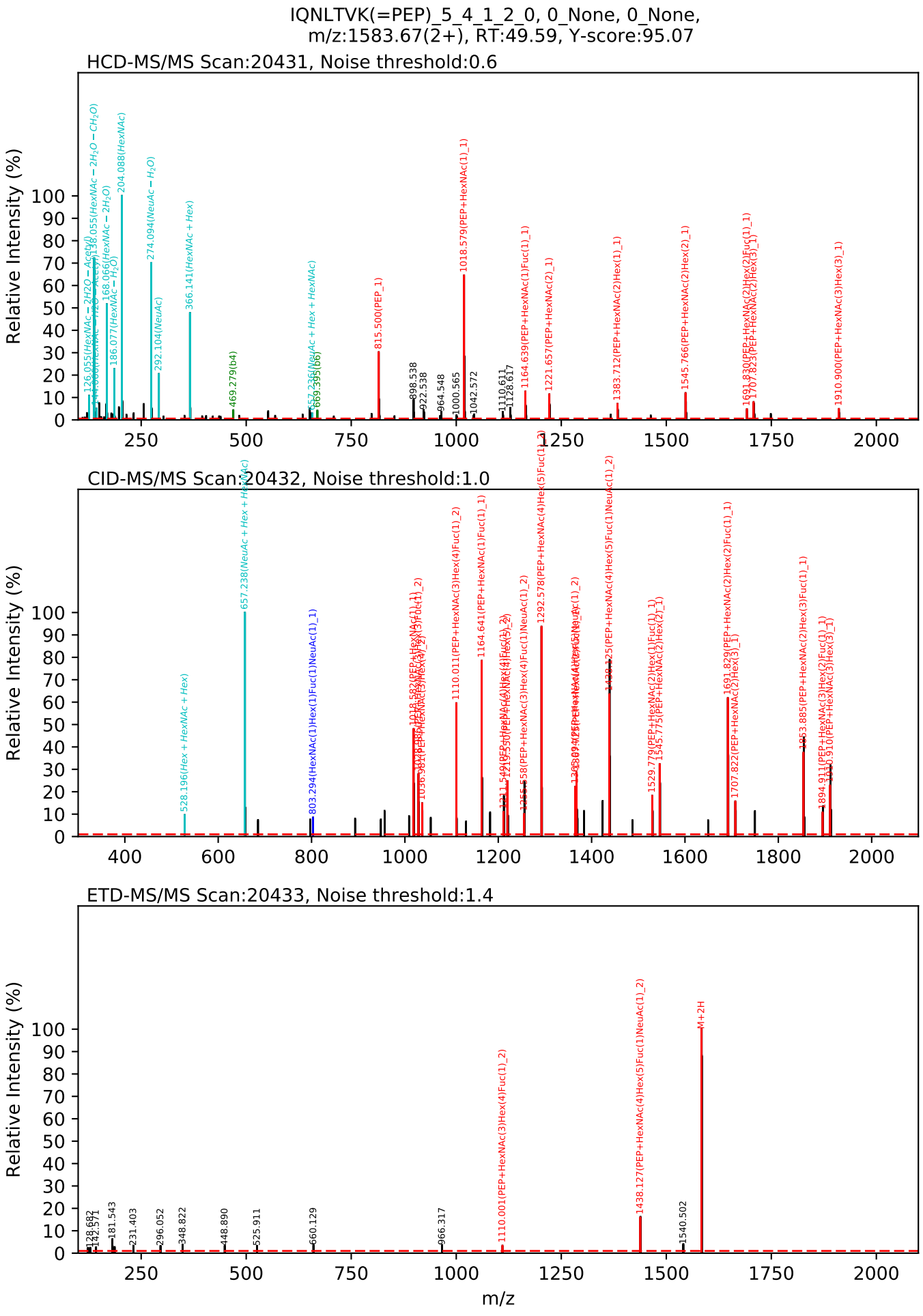

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:50.25, Y-score:62.18
HCD-MS/MS Scan:20775, Noise threshold:0.7
CID-MS/MS Scan:20776, Noise threshold:0.6
ETD-MS/MS Scan:20777, Noise threshold:1.4
Relative Intensity (%)
m/z

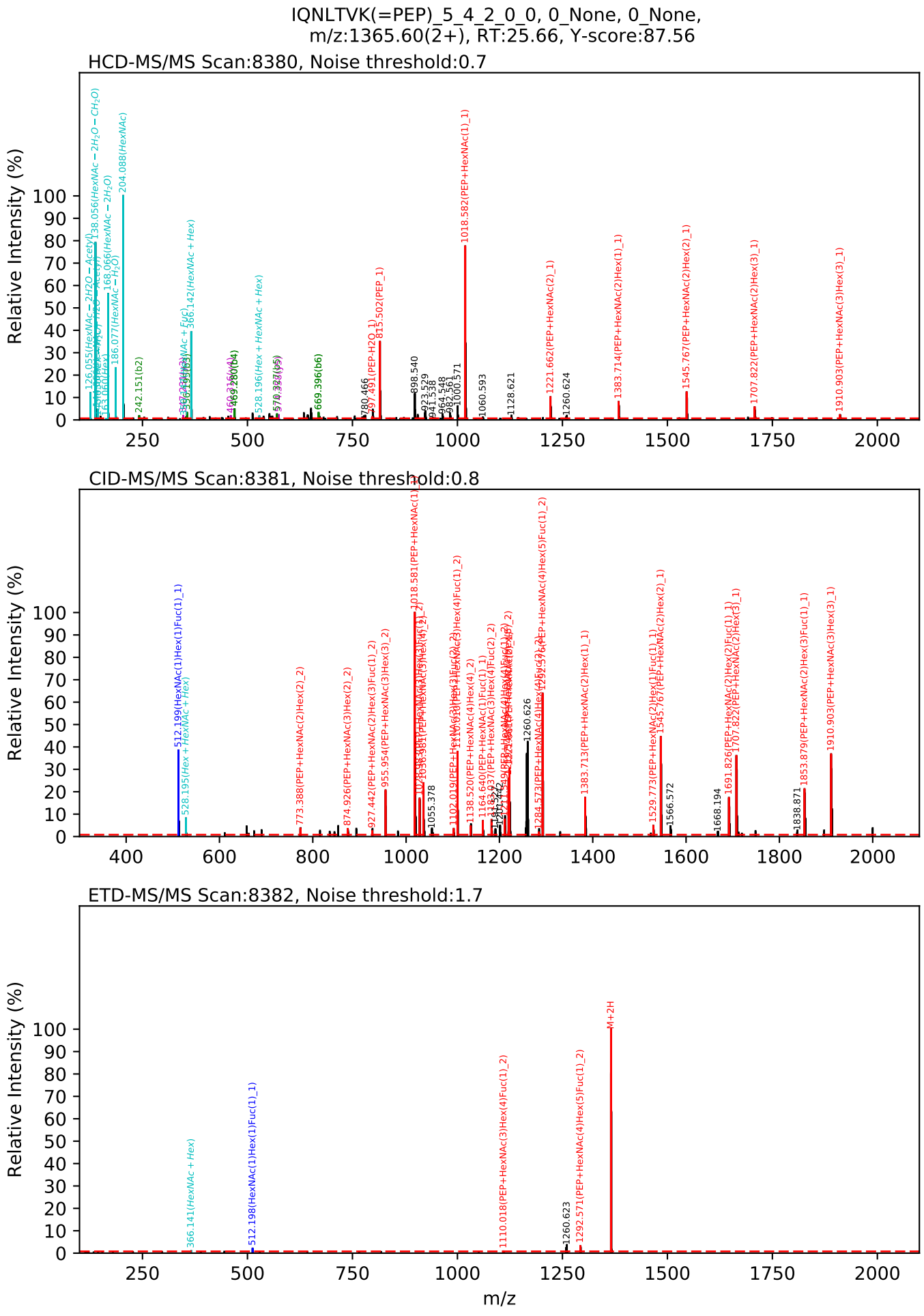

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:47.87, Y-score:100.00
HCD-MS/MS Scan:19583, Noise threshold:0.6
Relative Intensity (%)
204.087(HexNAc)
186.077(HexNAc − H2O)
168.066(HexNAc − 2H2O)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
815.502(PEP_1)
1018.582(PEP+HexNAc(1)_1)
1164.640(PEP+HexNAc(1)Fuc(1)_1)
1383.718(PEP+HexNAc(2)Hex(1)_1)
1545.771(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
m/z
CID-MS/MS Scan:19584, Noise threshold:1.2
Relative Intensity (%)
657.238(NeuAc + Hex + HexNAc)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
1110.012(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.640(PEP+HexNAc(1)Fuc(1)_1)
1292.576(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1438.125(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(1)_2)
1691.829(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1853.883(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
m/z

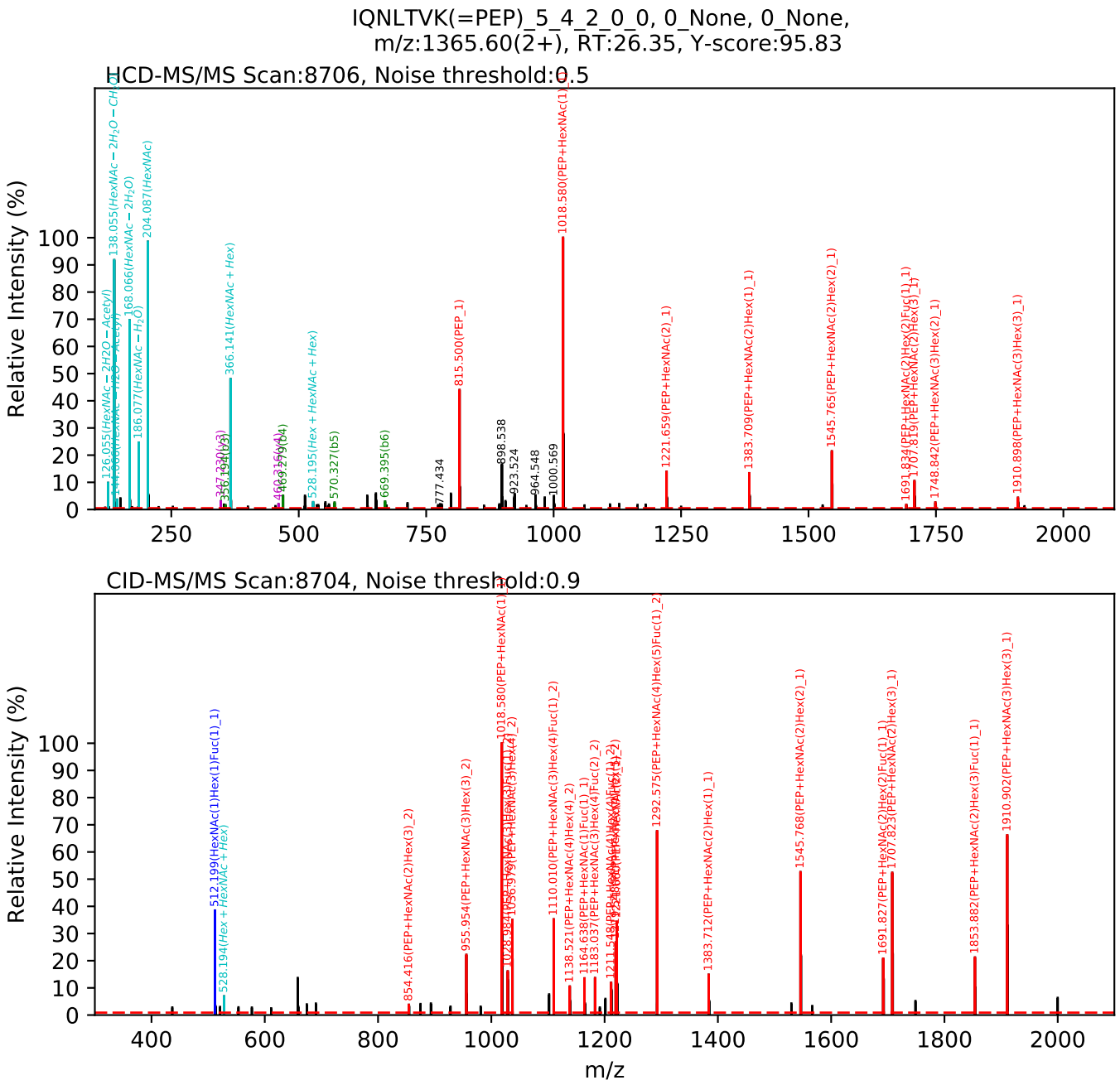

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:48.76, Y-score:83.50
HCD-MS/MS Scan:20007, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:20008, Noise threshold:0.8
Relative Intensity (%)
m/z

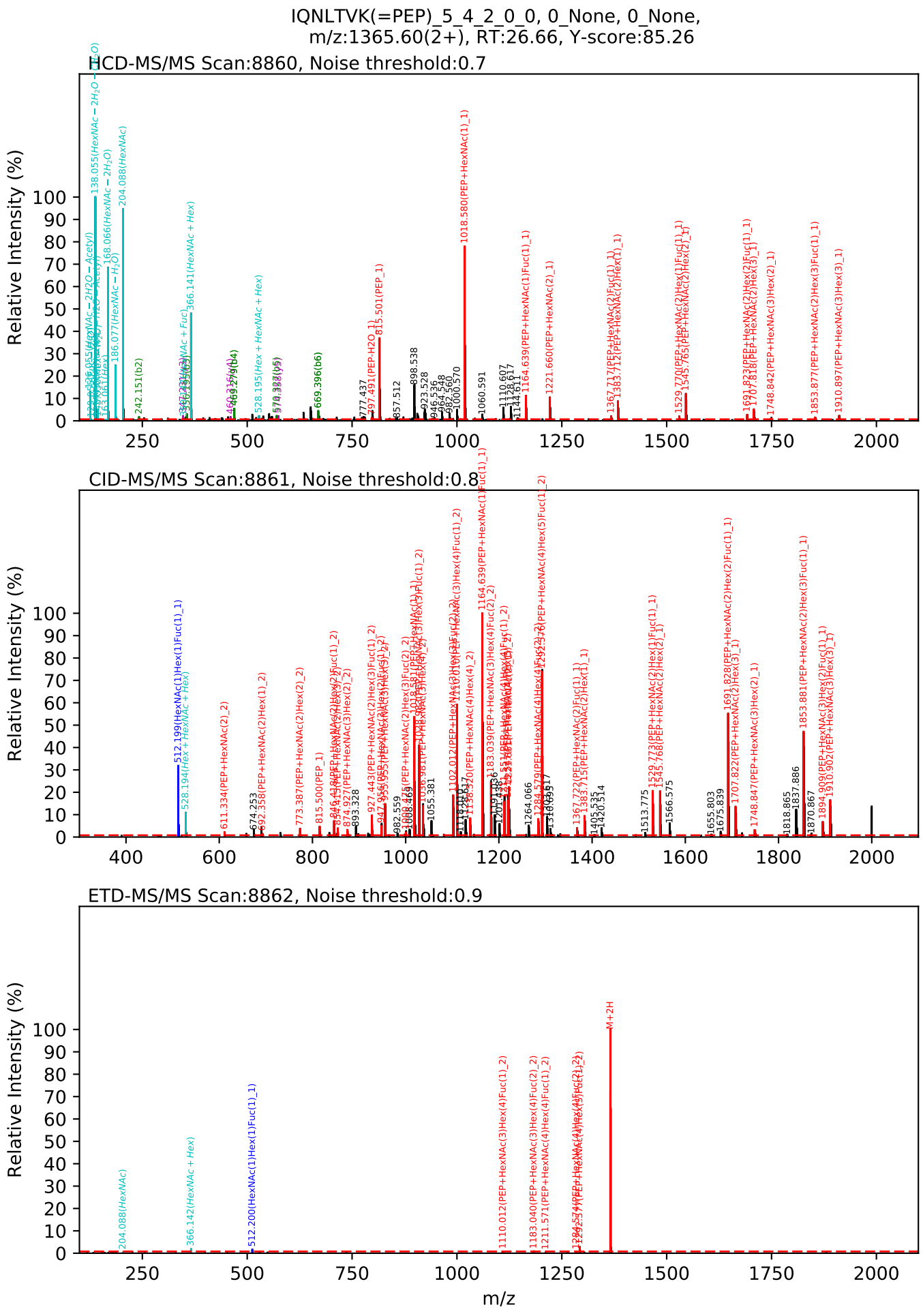

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:48.78, Y-score:91.62
HCD-MS/MS Scan:20017, Noise threshold:0.7
CID-MS/MS Scan:20018, Noise threshold:0.8
ETD-MS/MS Scan:20019, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

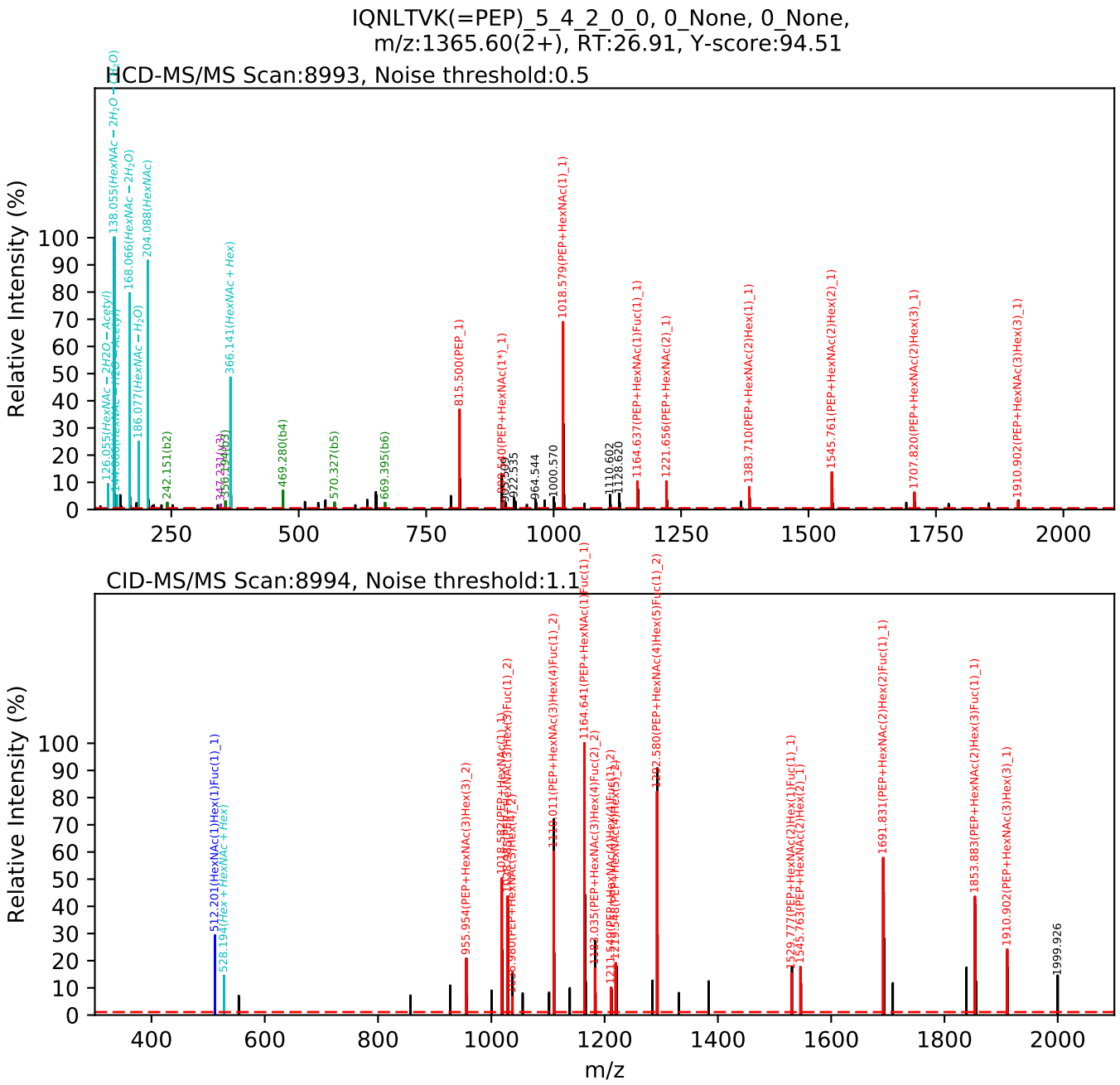

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:49.29, Y-score:93.90
HCD-MS/MS Scan:20279, Noise threshold:0.7
CID-MS/MS Scan:20280, Noise threshold:0.8
ETD-MS/MS Scan:20281, Noise threshold:0.5
Relative Intensity (%)
m/z

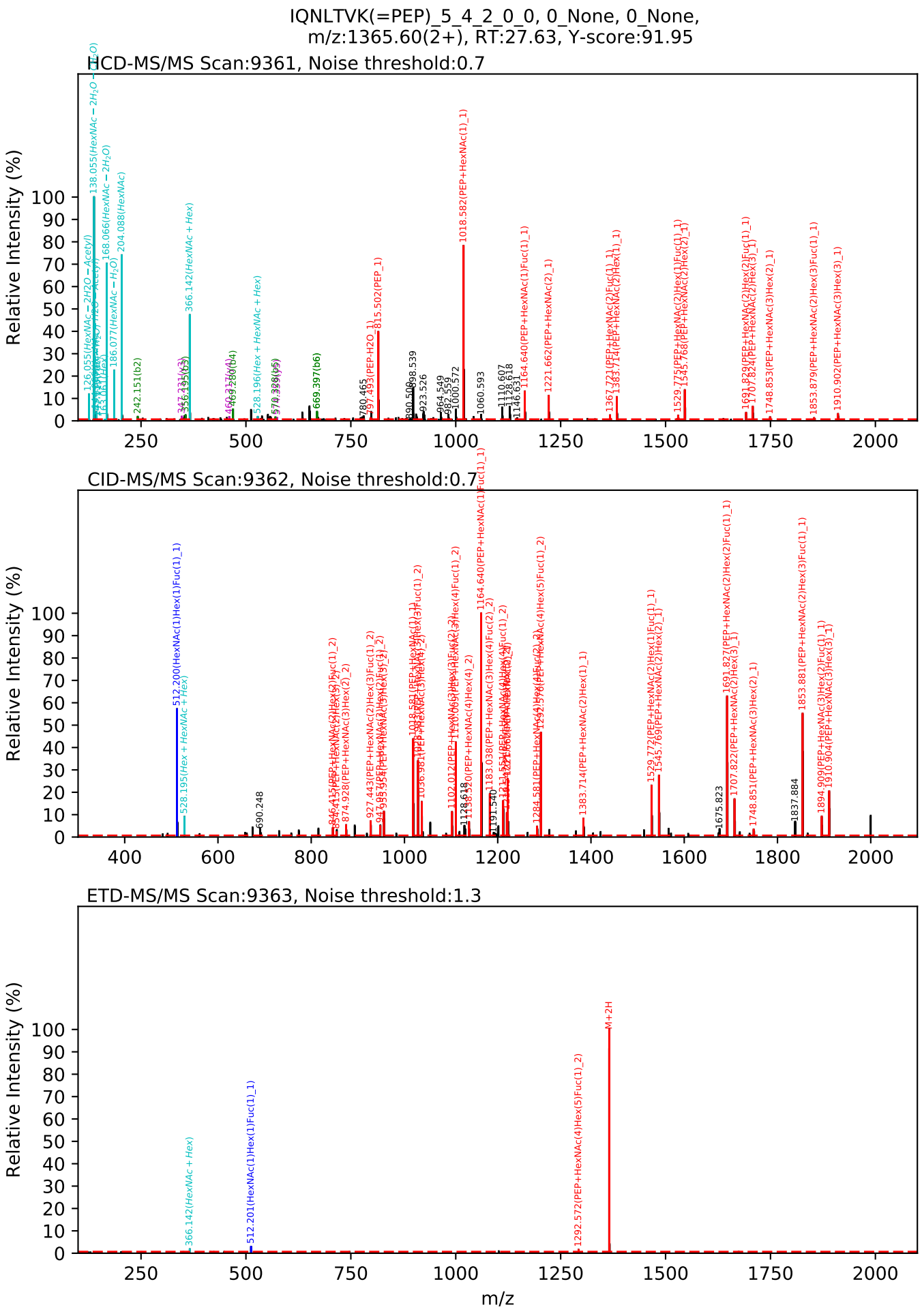

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:49.59, Y-score:95.07
HCD-MS/MS Scan:20431, Noise threshold:0.6
CID-MS/MS Scan:20432, Noise threshold:1.0
ETD-MS/MS Scan:20433, Noise threshold:1.4
Relative Intensity (%)
m/z
M+2H

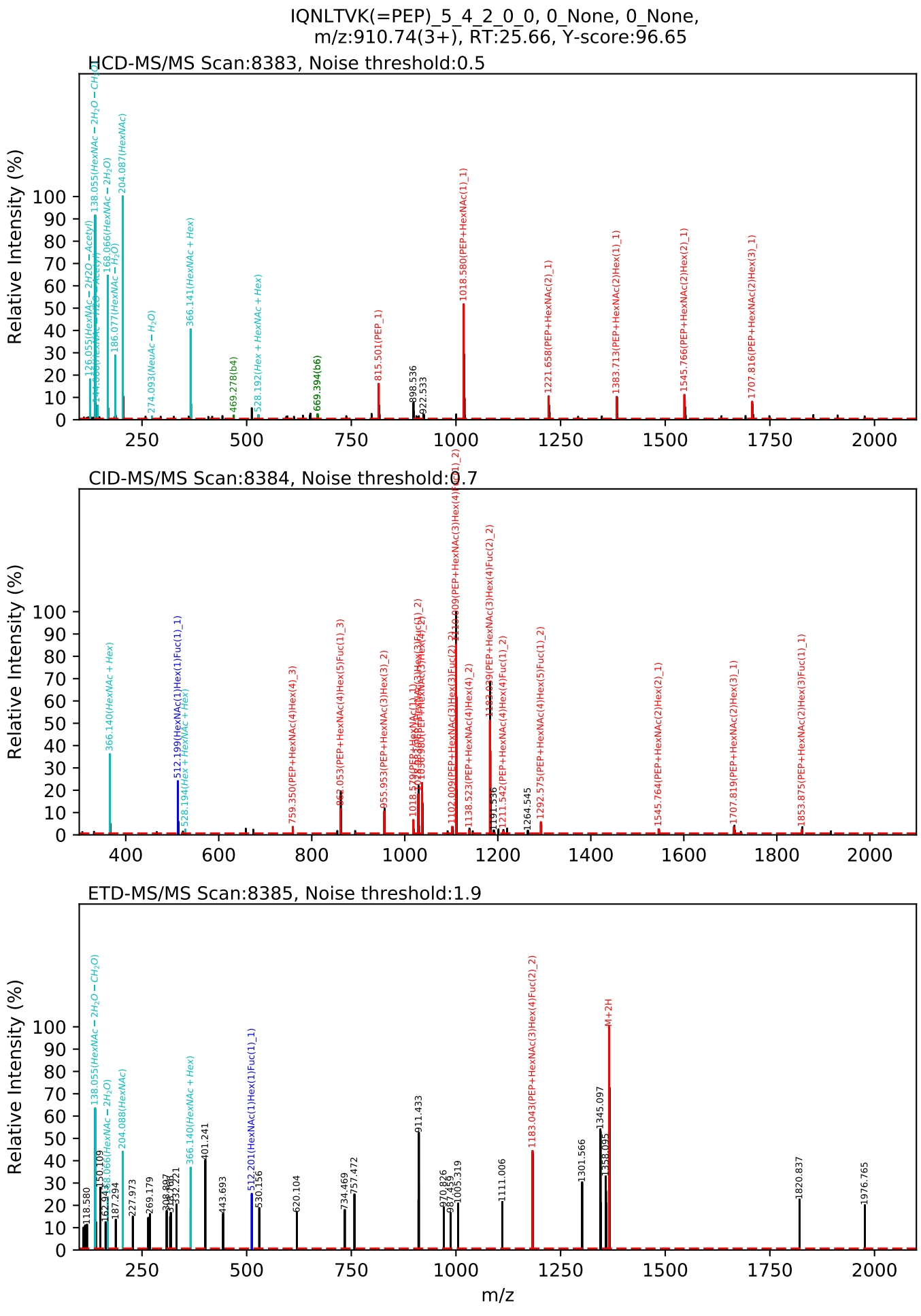

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:25.66, Y-score:87.56
HCD-MS/MS Scan:8380, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:8381, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:8382, Noise threshold:1.7
Relative Intensity (%)
m/z

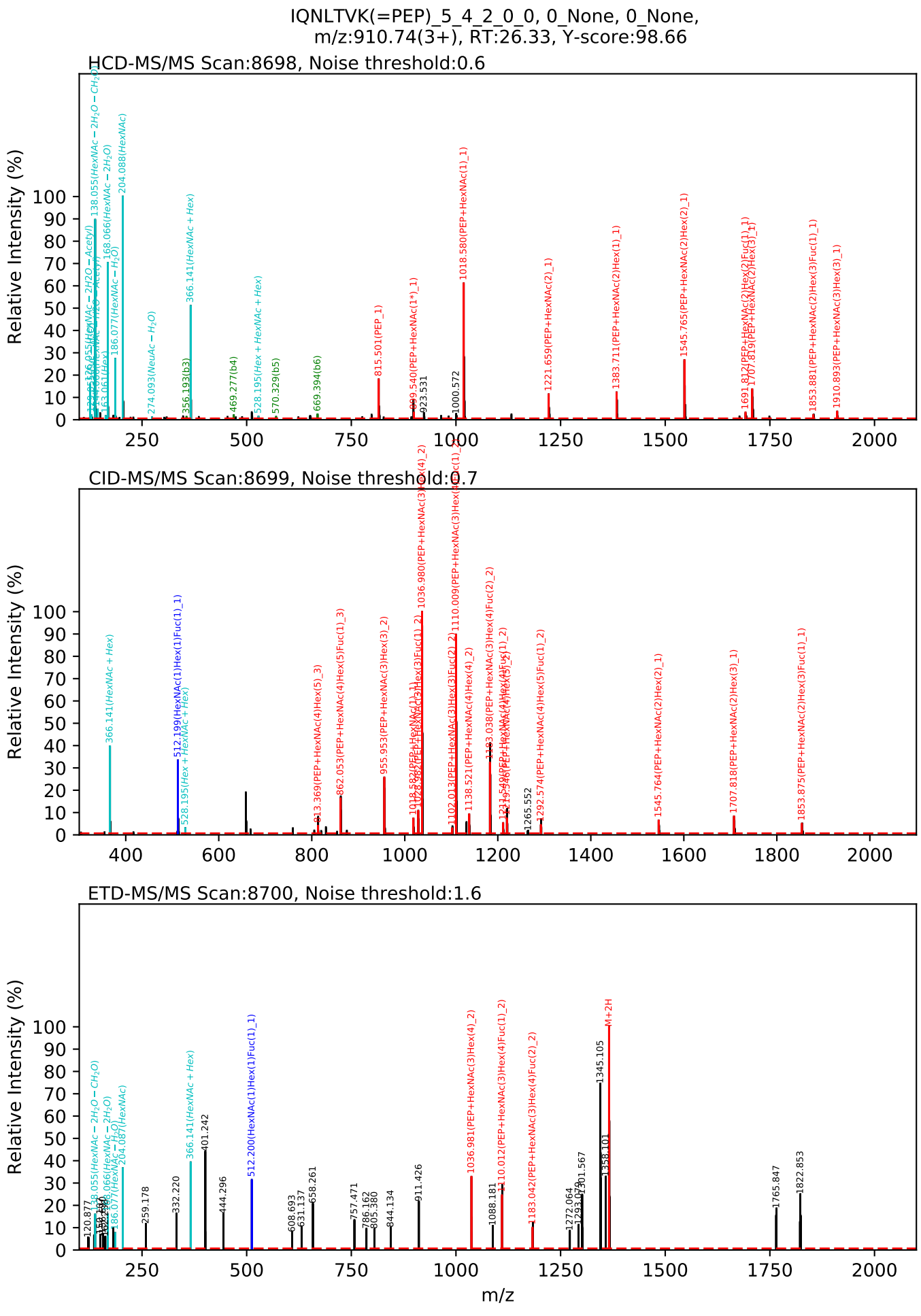

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:26.35, Y-score:95.83
HCD-MS/MS Scan:8706, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
347.230(b3)
366.141(HexNAc + Hex)
460.316(b4)
469.279(b4)
528.195(Hex + HexNAc + Hex)
570.327(b5)
669.395(b6)
777.434
815.500(PEP_1)
898.538
923.524
964.548
1000.569
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.709(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1691.834(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1748.842(PEP+HexNAc(3)Hex(2)_1)
1910.898(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:8704, Noise threshold:0.9
Relative Intensity (%)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
854.416(PEP+HexNAc(2)Hex(3)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_2)
1110.010(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1138.521(PEP+HexNAc(4)Hex(4)_2)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1183.037(PEP+HexNAc(3)Hex(4)Fuc(2)_2)
1292.575(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1691.827(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1853.882(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
m/z

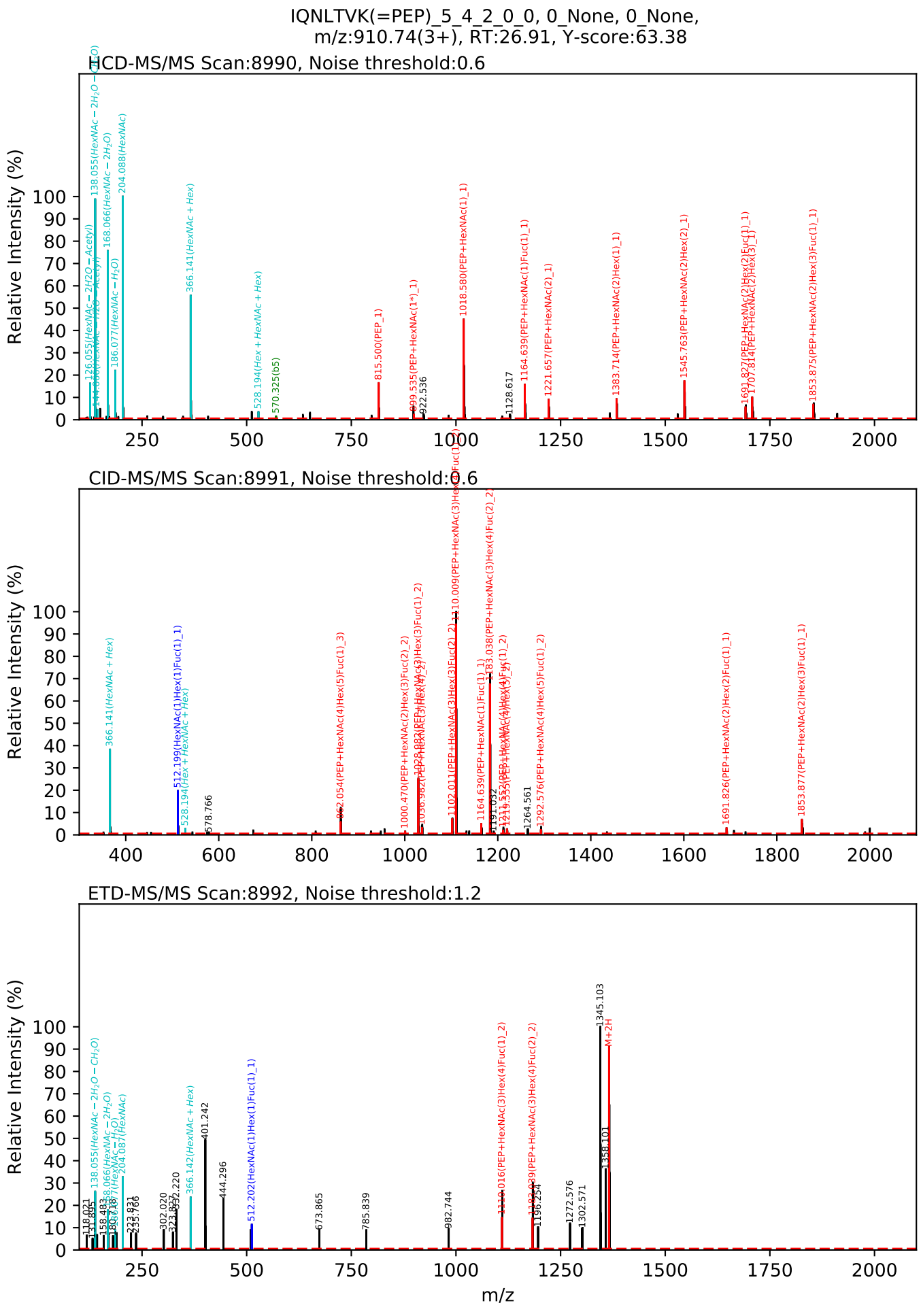

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:26.66, Y-score:85.26
HCD-MS/MS Scan:8860, Noise threshold:0.7
CID-MS/MS Scan:8861, Noise threshold:0.8
ETD-MS/MS Scan:8862, Noise threshold:0.9
Relative Intensity (%)
m/z
M+2H

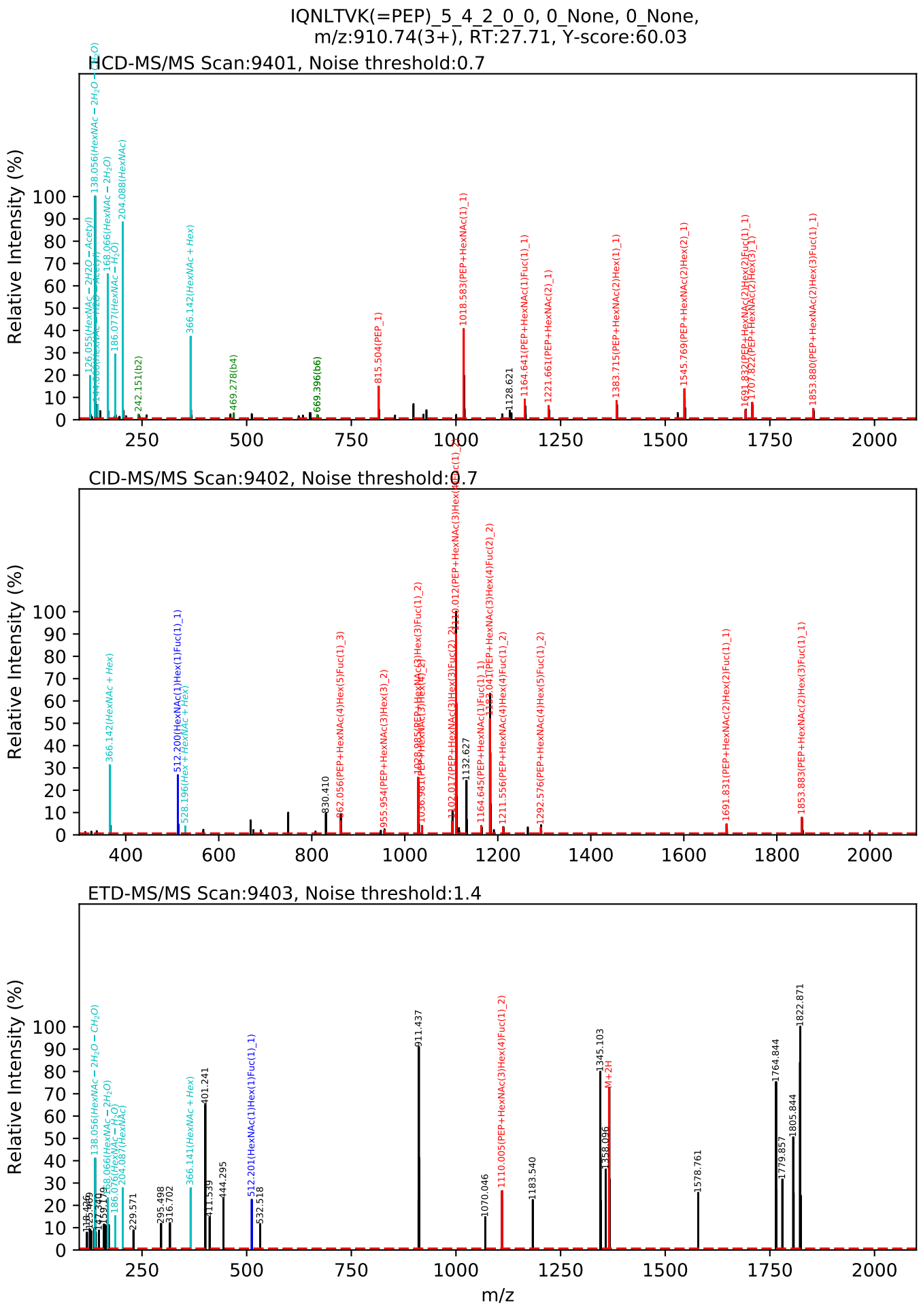

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:26.91, Y-score:94.51
HCD-MS/MS Scan:8993, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
469.280(b4)
570.327(b5)
669.395(b6)
815.500(PEP_1)
1018.579(PEP+HexNAc(1)_1)
1164.637(PEP+HexNAc(1)Fuc(1)_1)
1221.656(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.761(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:8994, Noise threshold:1.1
Relative Intensity (%)
512.201(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
955.954(PEP+HexNAc(3)Hex(3)_2)
1164.641(PEP+HexNAc(1)Fuc(1)_1)
1292.580(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1691.831(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1853.883(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
1999.926
m/z

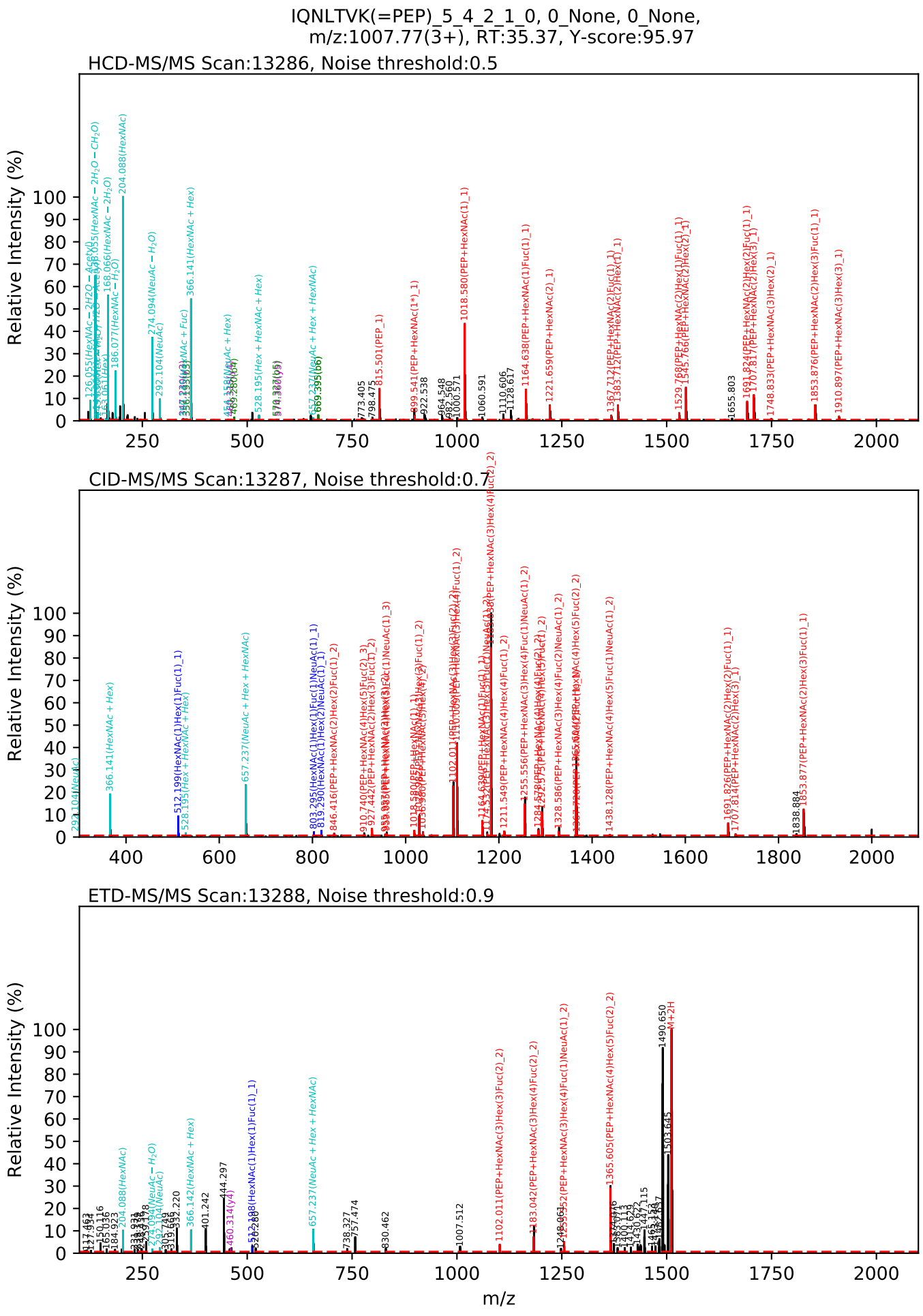

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:27.63, Y-score:91.95
HCD-MS/MS Scan:9361, Noise threshold:0.7
CID-MS/MS Scan:9362, Noise threshold:0.7
ETD-MS/MS Scan:9363, Noise threshold:1.3
Relative Intensity (%)
m/z

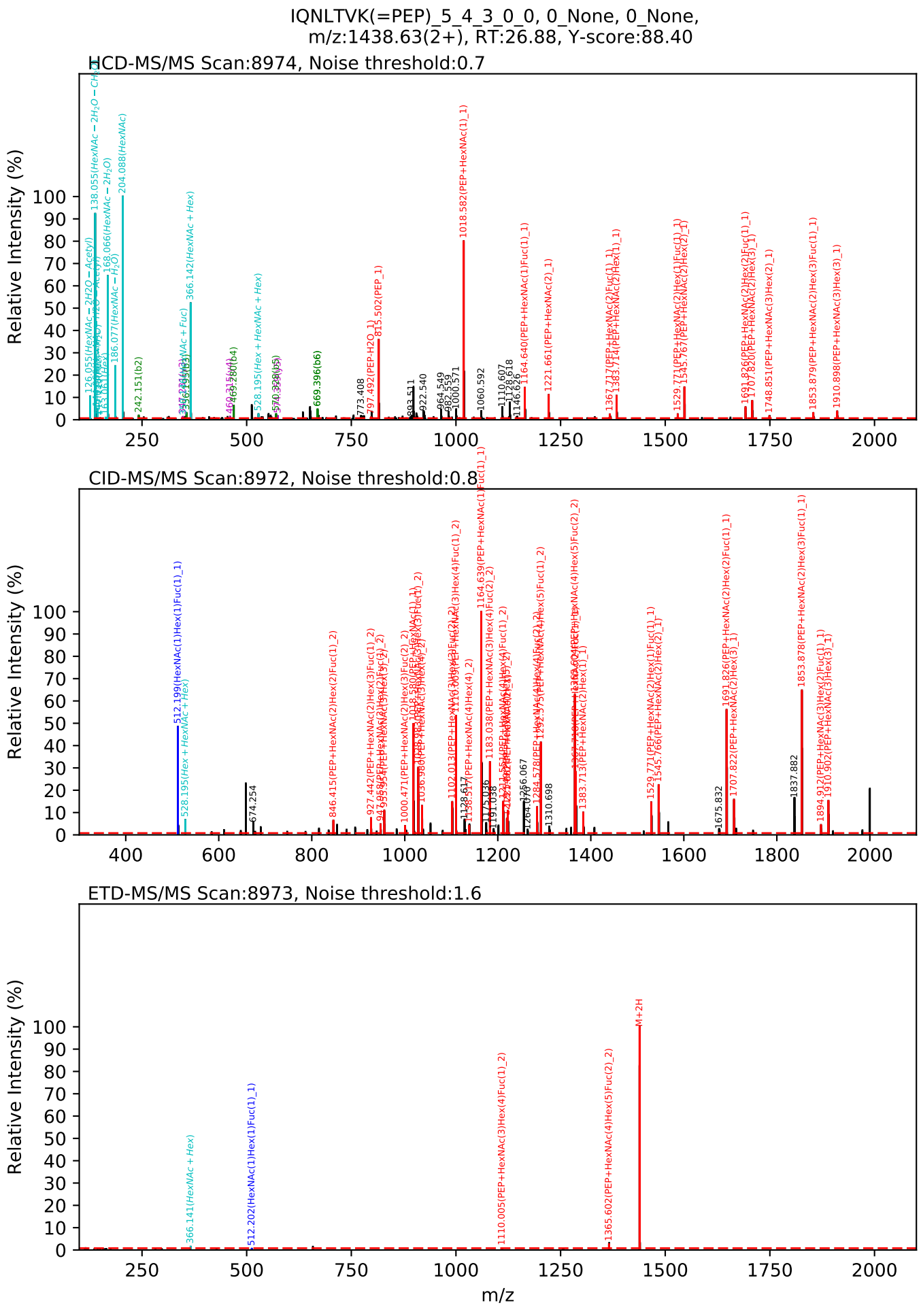

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:910.74(3+), RT:25.66, Y-score:96.65
HCD-MS/MS Scan:8383, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
366.141(HexNAc + Hex)
469.278(b4)
528.192(Hex + HexNAc + Hex)
669.394(b6)
815.501(PEP_1)
898.536
922.533
1018.580(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:8384, Noise threshold:0.7
Relative Intensity (%)
366.140(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
759.350(PEP+HexNAc(4)Hex(4)_3)
862.053(PEP+HexNAc(4)Hex(5)Fuc(1)_3)
955.953(PEP+HexNAc(3)Hex(3)_2)
1102.009(PEP+HexNAc(3)Hex(3)Fuc(2)_2)
1138.523(PEP+HexNAc(4)Hex(4)_2)
1211.542(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1264.545
1292.575(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1853.875(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
ETD-MS/MS Scan:8385, Noise threshold:1.9
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
204.088(HexNAc)
366.140(HexNAc + Hex)
512.201(HexNAc(1)Hex(1)Fuc(1)_1)
911.433
1183.043(PEP+HexNAc(3)Hex(4)Fuc(2)_2)
M+2H
1345.097
1301.566
1820.837
1976.765
m/z

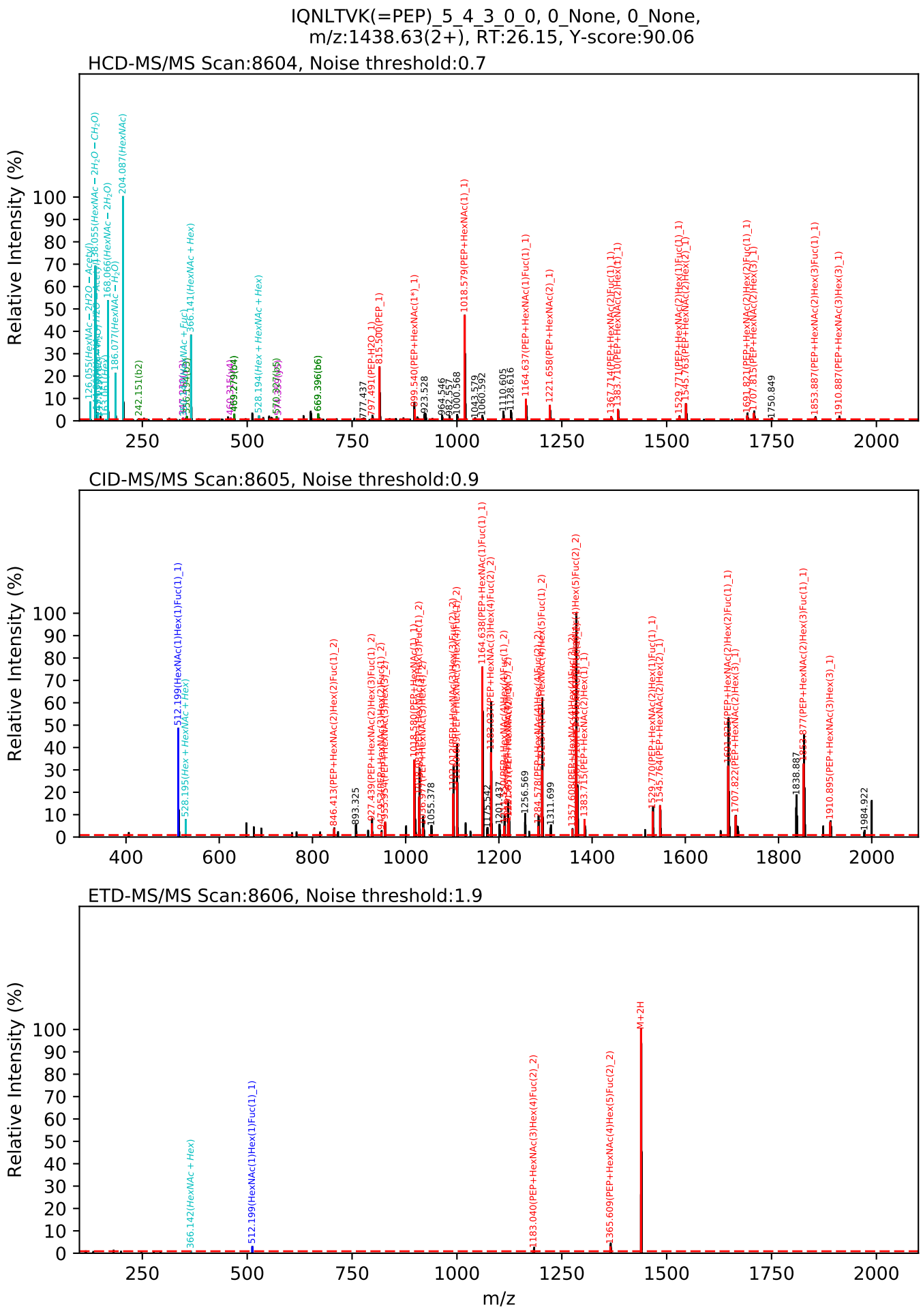

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:910.74(3+), RT:26.33, Y-score:98.66
HCD-MS/MS Scan:8698, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:8699, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:8700, Noise threshold:1.6
Relative Intensity (%)
m/z

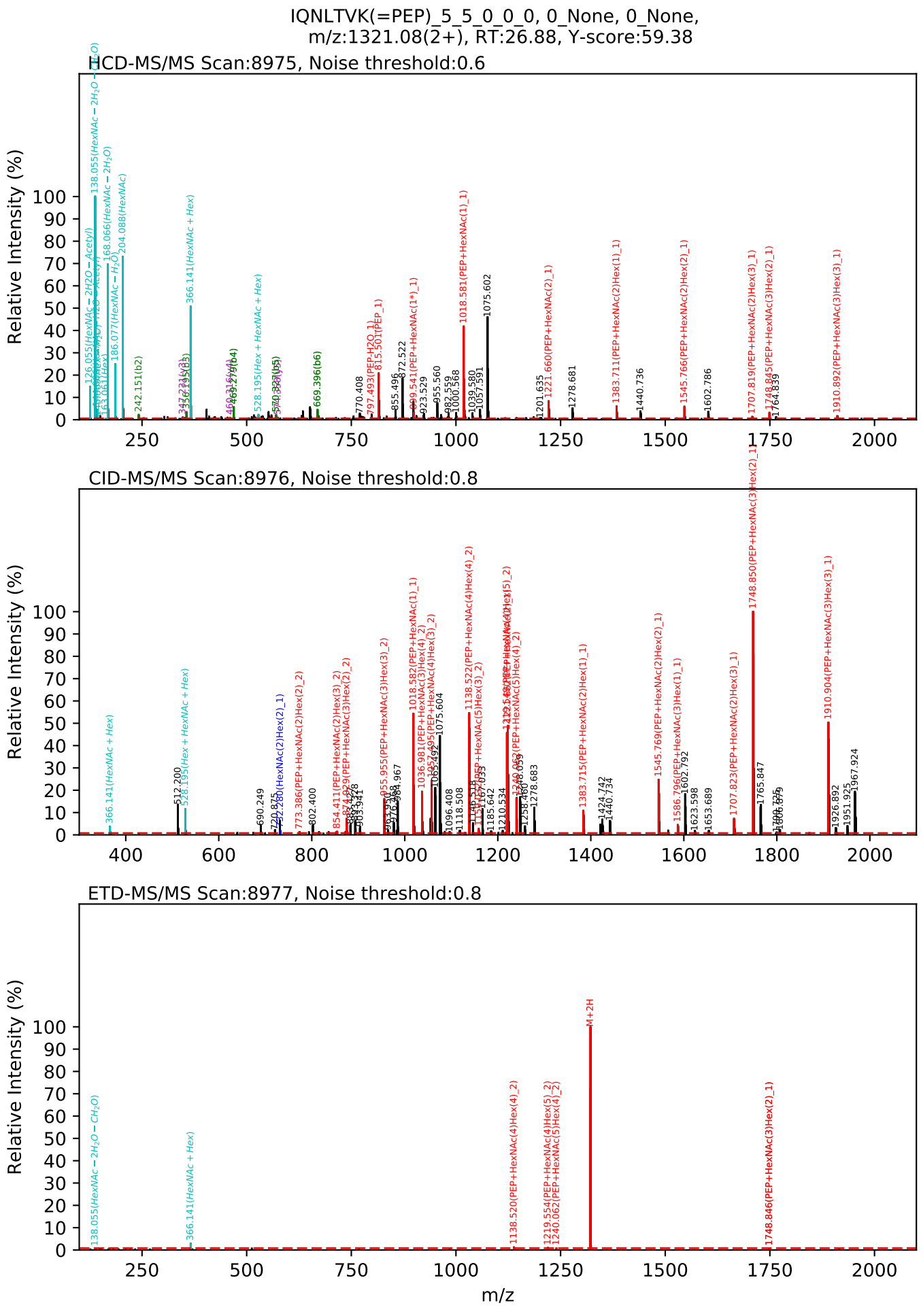

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:910.74(3+), RT:26.91, Y-score:63.38
HCD-MS/MS Scan:8990, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:8991, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:8992, Noise threshold:1.2
Relative Intensity (%)
m/z

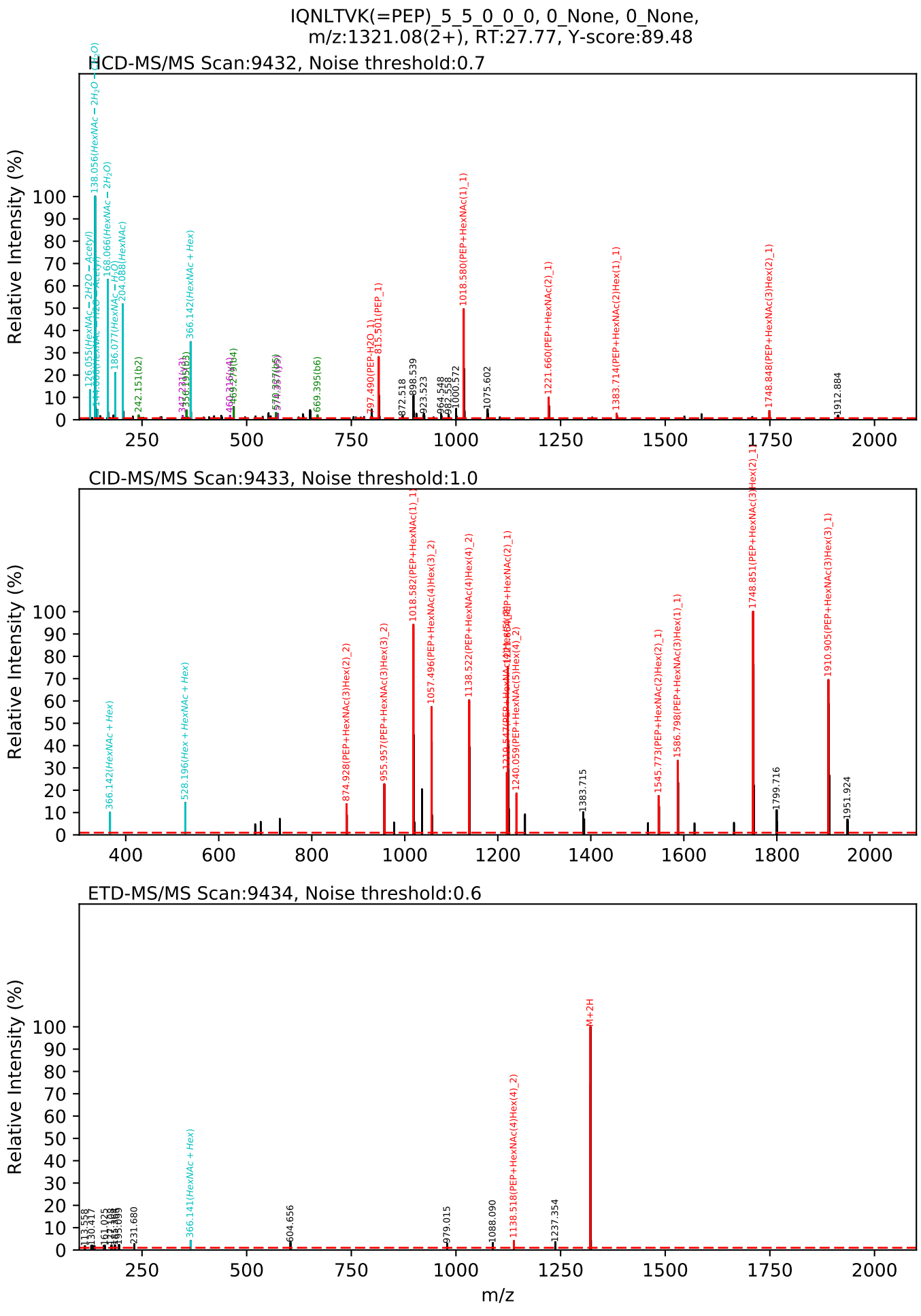

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:910.74(3+), RT:27.71, Y-score:60.03
HCD-MS/MS Scan:9401, Noise threshold:0.7
CID-MS/MS Scan:9402, Noise threshold:0.7
ETD-MS/MS Scan:9403, Noise threshold:1.4
Relative Intensity (%)
m/z

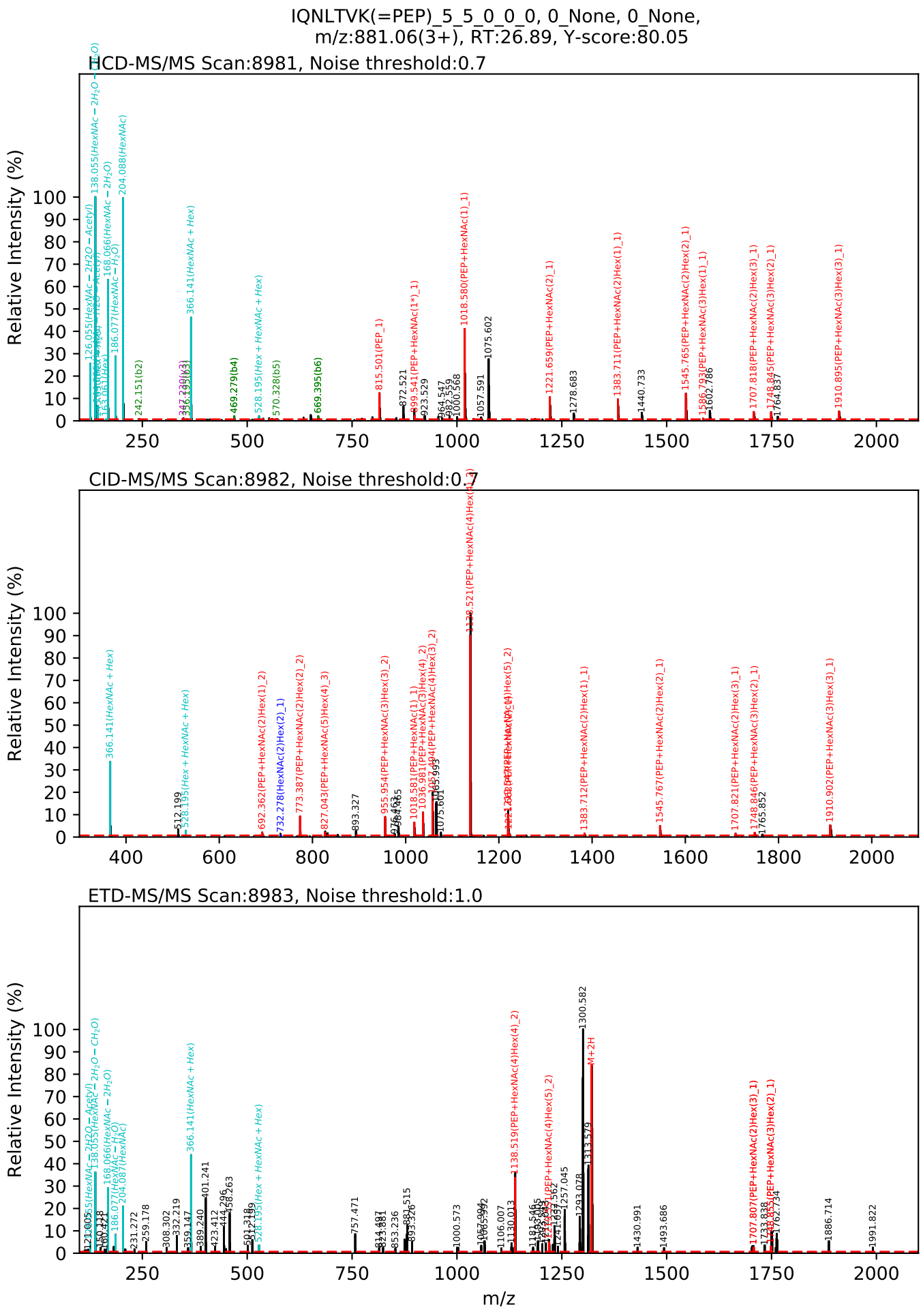

IQNLTVK(=PEP)_5_4_2_1_0, 0_None, 0_None,
m/z:1007.77(3+), RT:35.37, Y-score:95.97
HCD-MS/MS Scan:13286, Noise threshold:0.5
CID-MS/MS Scan:13287, Noise threshold:0.7
ETD-MS/MS Scan:13288, Noise threshold:0.9
Relative Intensity (%)
m/z

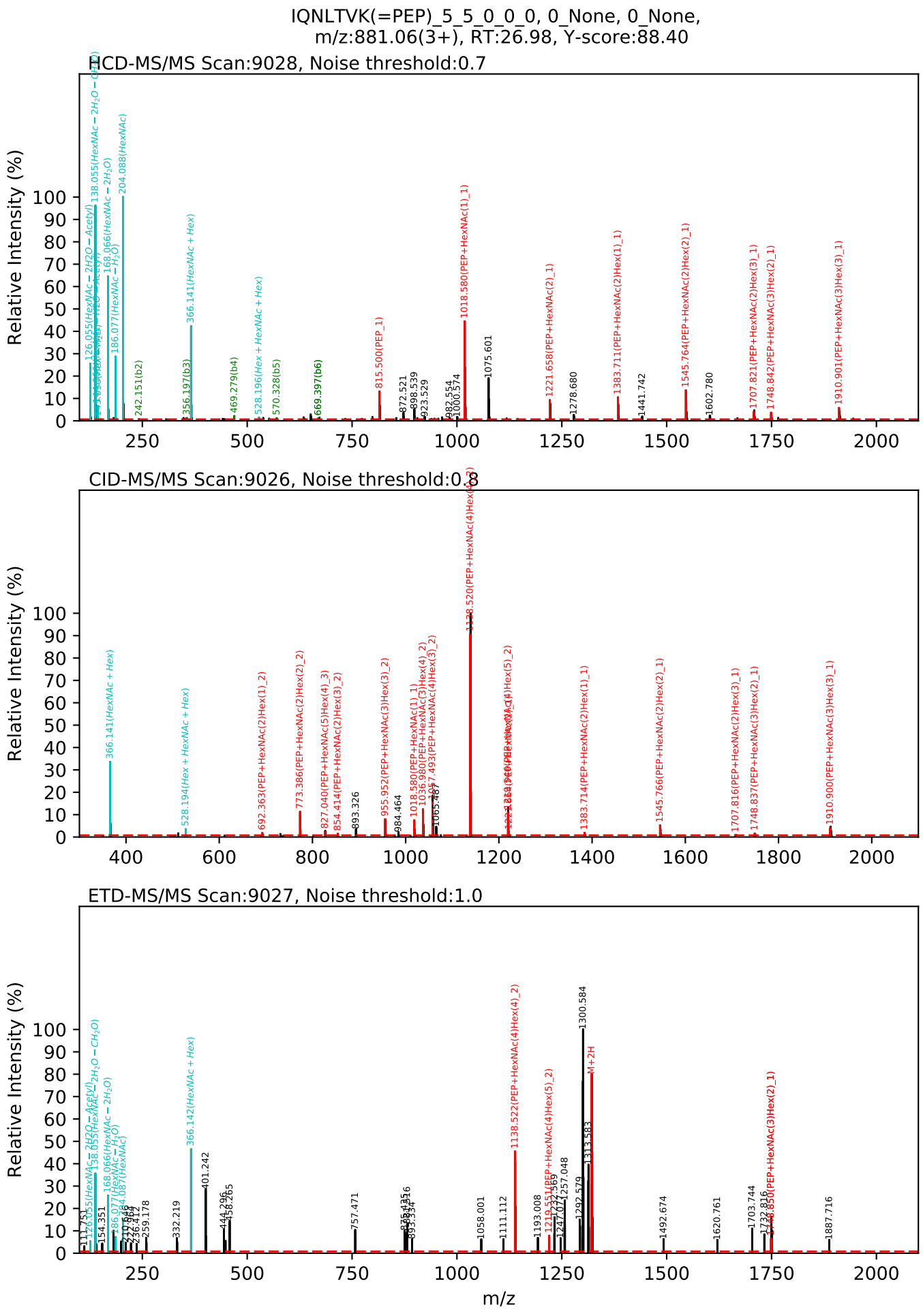

IQNLTVK(=PEP)_5_4_3_0_0, 0_None, 0_None,
m/z:1438.63(2+), RT:26.88, Y-score:88.40
HCD-MS/MS Scan:8974, Noise threshold:0.7
CID-MS/MS Scan:8972, Noise threshold:0.8
ETD-MS/MS Scan:8973, Noise threshold:1.6
Relative Intensity (%)
m/z

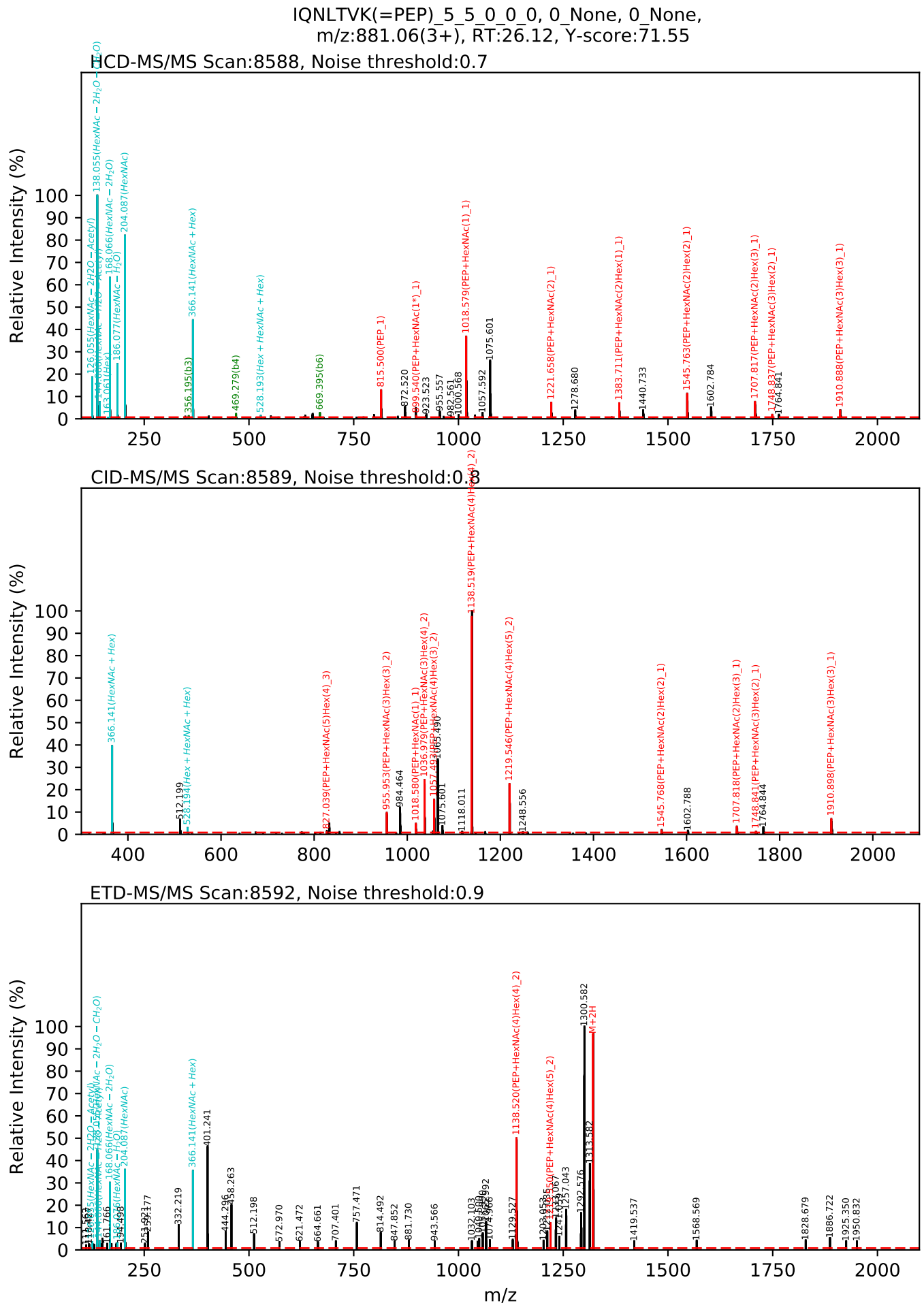

IQNLTVK(=PEP)_5_4_3_0_0, 0_None, 0_None,
m/z:1438.63(2+), RT:26.15, Y-score:90.06
HCD-MS/MS Scan:8604, Noise threshold:0.7
CID-MS/MS Scan:8605, Noise threshold:0.9
ETD-MS/MS Scan:8606, Noise threshold:1.9
Relative Intensity (%)
m/z
M+2H

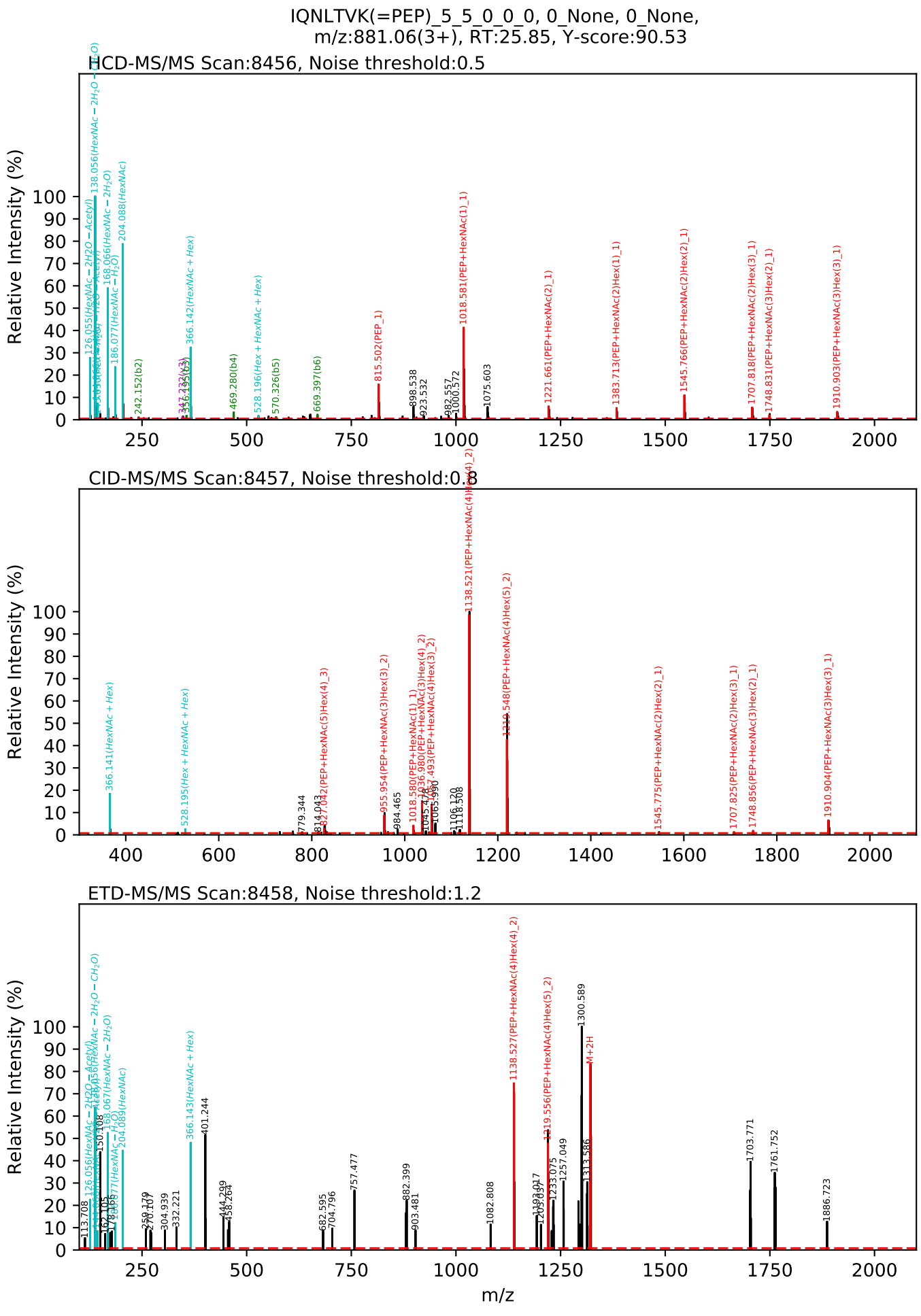

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:1321.08(2+), RT:26.88, Y-score:59.38
HCD-MS/MS Scan:8975, Noise threshold:0.6
CID-MS/MS Scan:8976, Noise threshold:0.8
ETD-MS/MS Scan:8977, Noise threshold:0.8
Relative Intensity (%)
m/z

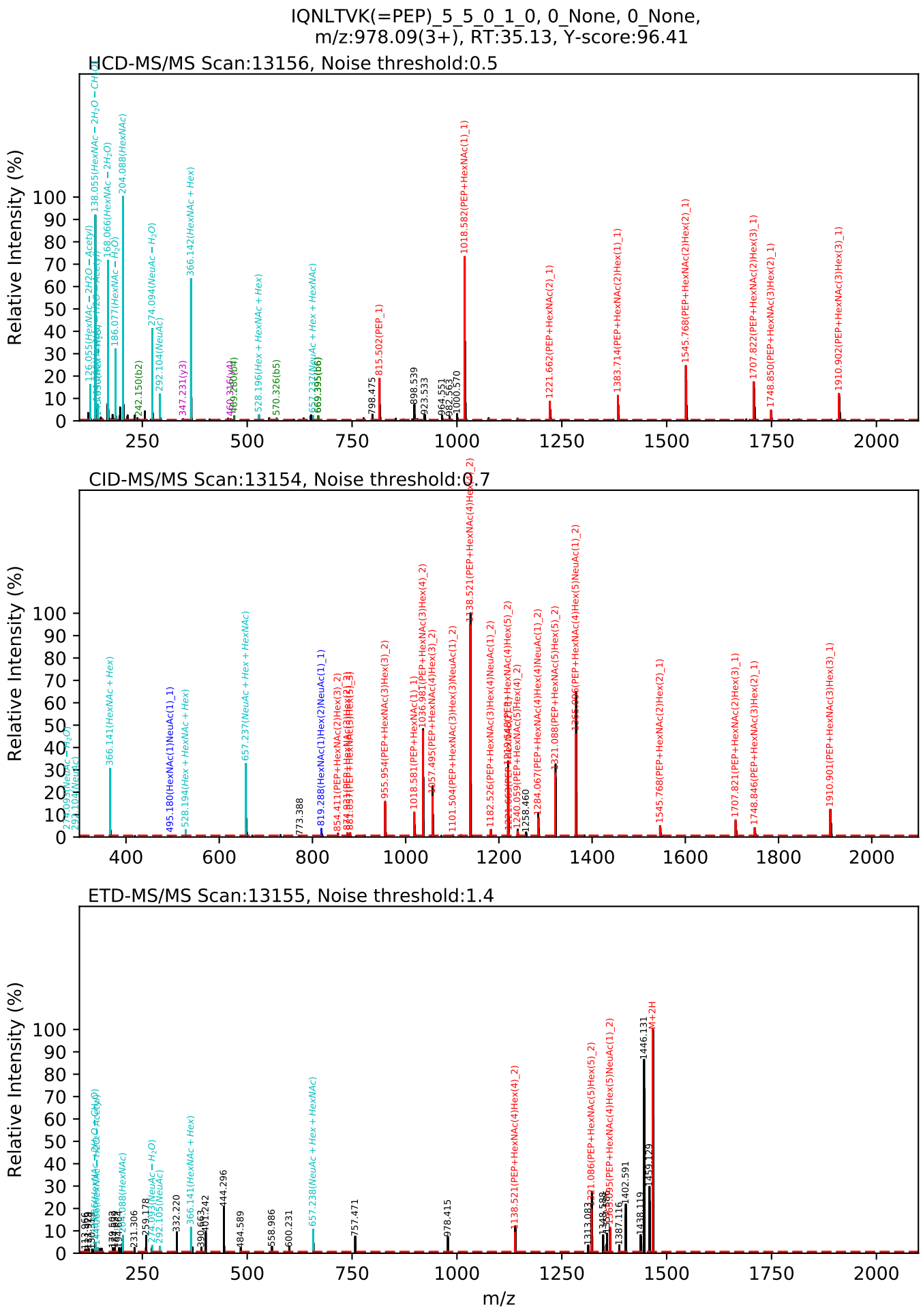

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:1321.08(2+), RT:27.77, Y-score:89.48
HCD-MS/MS Scan:9432, Noise threshold:0.7
CID-MS/MS Scan:9433, Noise threshold:1.0
ETD-MS/MS Scan:9434, Noise threshold:0.6
Relative Intensity (%)
m/z
M+2H

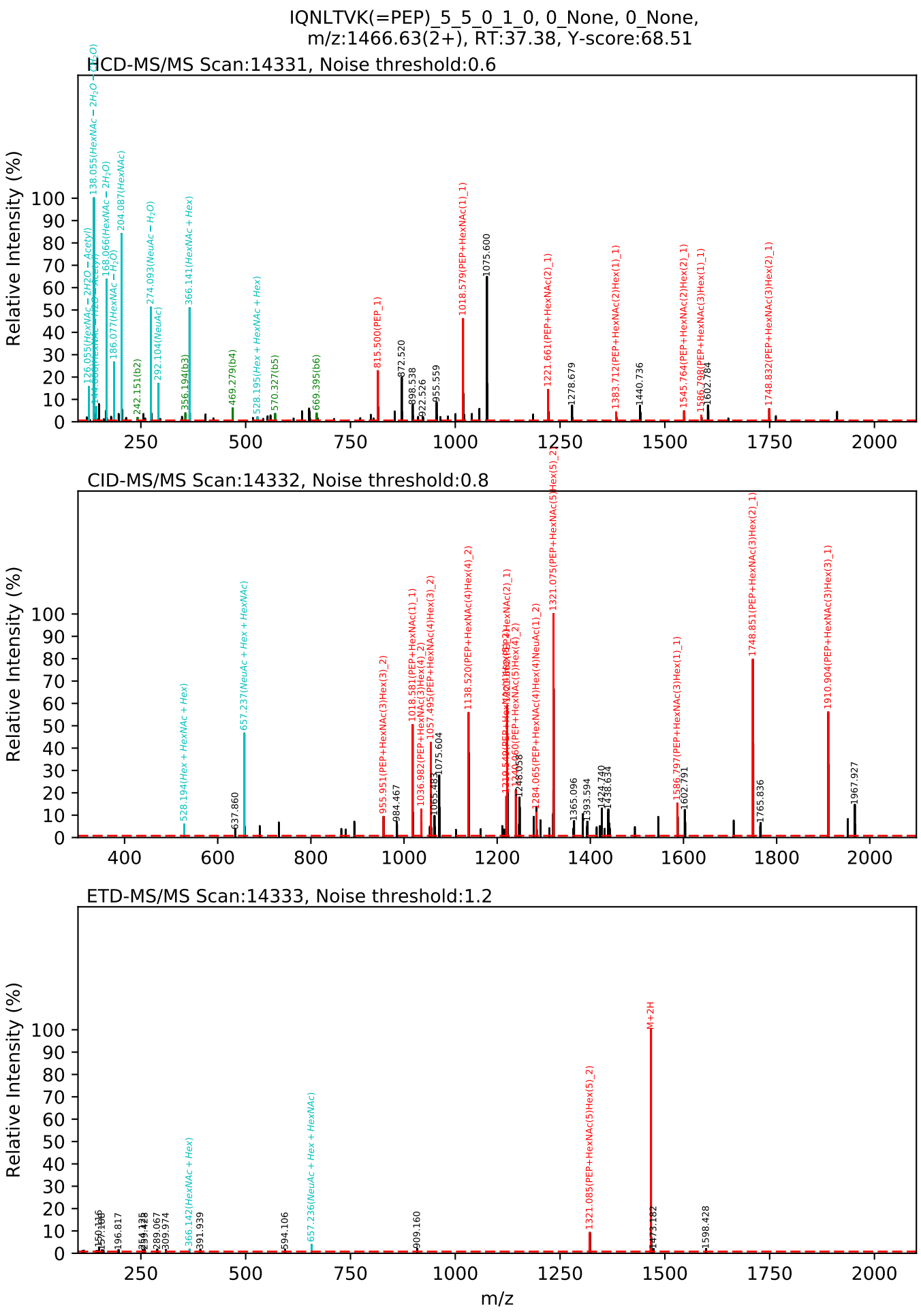

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:881.06(3+), RT:26.89, Y-score:80.05
HCD-MS/MS Scan:8981, Noise threshold:0.7
CID-MS/MS Scan:8982, Noise threshold:0.7
ETD-MS/MS Scan:8983, Noise threshold:1.0
Relative Intensity (%)
m/z

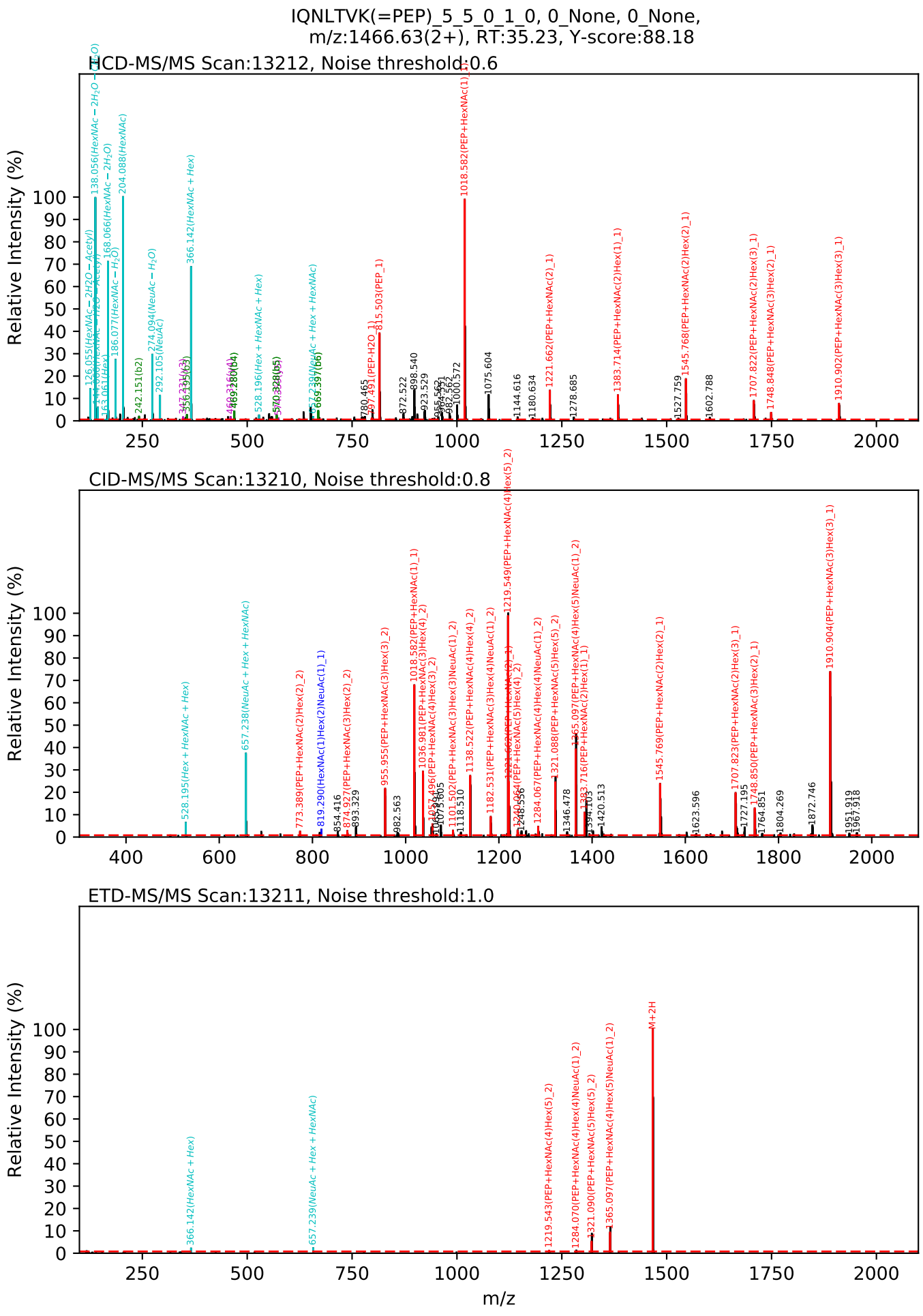

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:881.06(3+), RT:26.98, Y-score:88.40
HCD-MS/MS Scan:9028, Noise threshold:0.7
CID-MS/MS Scan:9026, Noise threshold:0.8
ETD-MS/MS Scan:9027, Noise threshold:1.0
Relative Intensity (%)
m/z

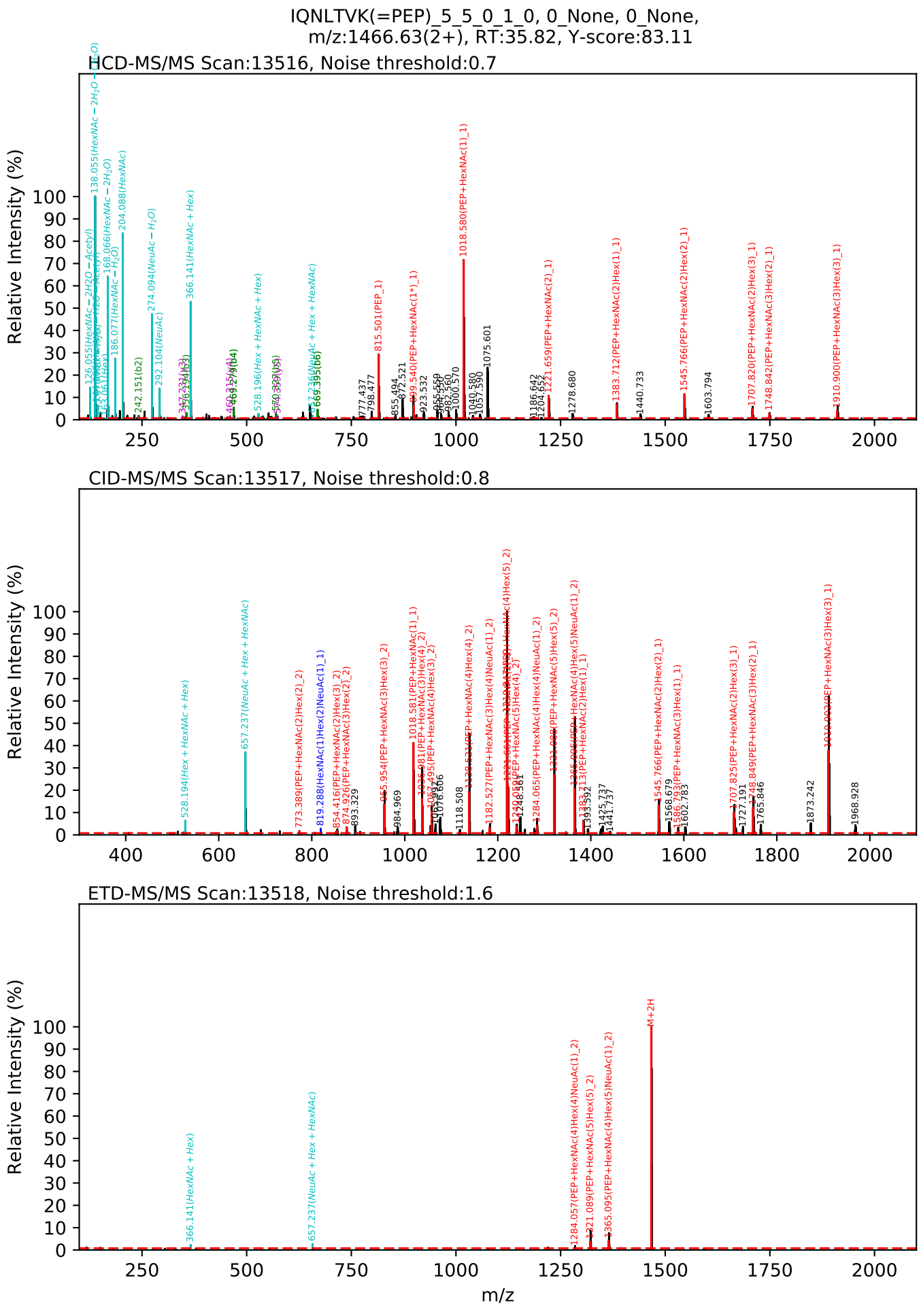

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:881.06(3+), RT:26.12, Y-score:71.55
HCD-MS/MS Scan:8588, Noise threshold:0.7
CID-MS/MS Scan:8589, Noise threshold:0.8
ETD-MS/MS Scan:8592, Noise threshold:0.9
Relative Intensity (%)
m/z

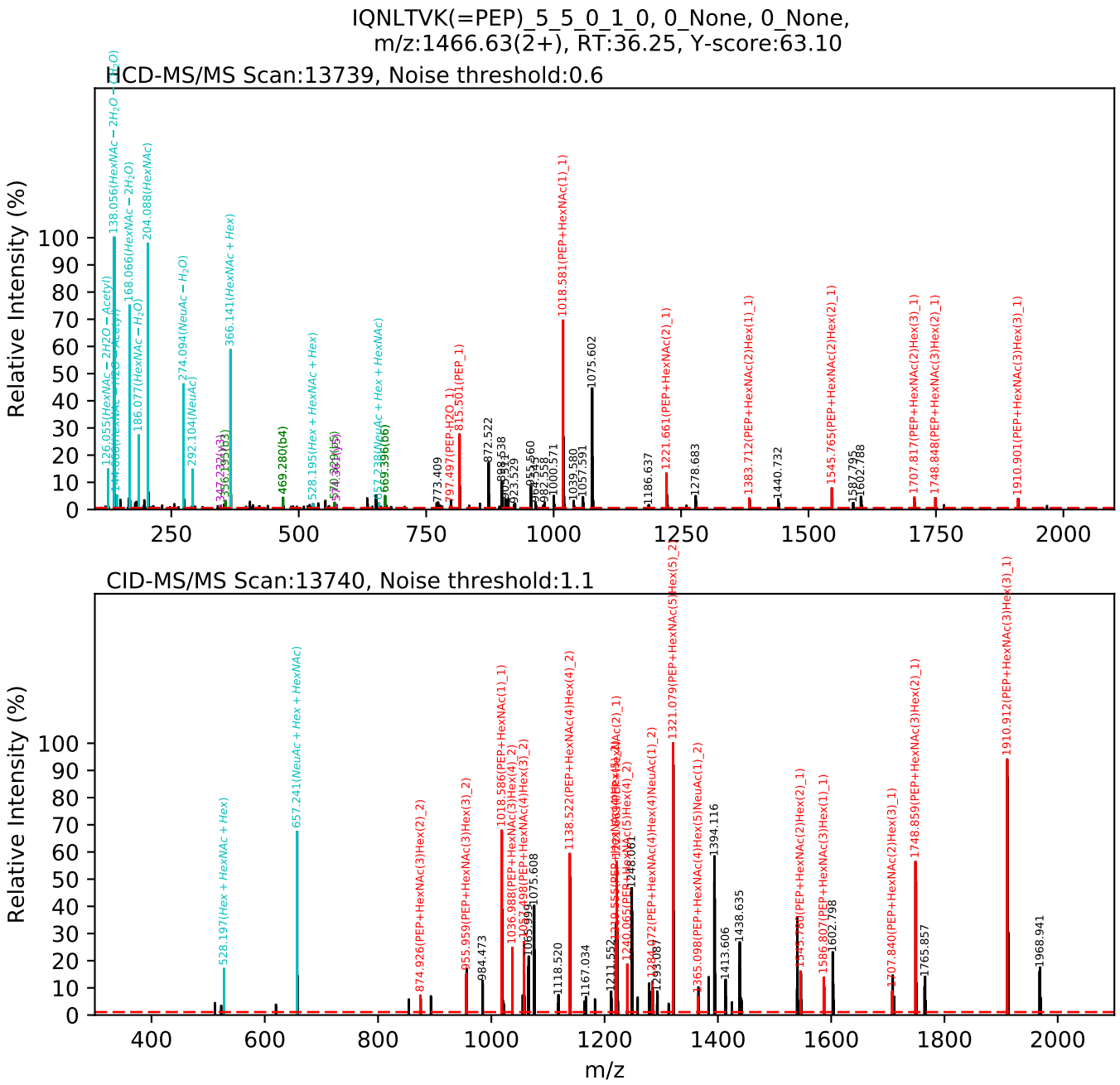

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:881.06(3+), RT:25.85, Y-score:90.53
HCD-MS/MS Scan:8456, Noise threshold:0.5
CID-MS/MS Scan:8457, Noise threshold:0.8
ETD-MS/MS Scan:8458, Noise threshold:1.2
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
779.344
814.043
827.042(PEP+HexNAc(5)Hex(4)_3)
955.954(PEP+HexNAc(3)Hex(3)_2)
984.465
1018.580(PEP+HexNAc(1)_1)
1045.478
1065.990
1106.120
1118.508
1138.521(PEP+HexNAc(4)Hex(4)_2)
1219.548(PEP+HexNAc(4)Hex(5)_2)
1545.775(PEP+HexNAc(2)Hex(2)_1)
1707.825(PEP+HexNAc(2)Hex(3)_1)
1748.856(PEP+HexNAc(3)Hex(2)_1)
1910.904(PEP+HexNAc(3)Hex(3)_1)
366.143(HexNAc + Hex)
401.244
682.595
704.796
757.477
882.399
903.481
1082.808
1138.527(PEP+HexNAc(4)Hex(4)_2)
1219.556(PEP+HexNAc(4)Hex(5)_2)
1233.075
1257.049
1300.589
M+2H
1313.586
1703.771
1761.752
1886.723

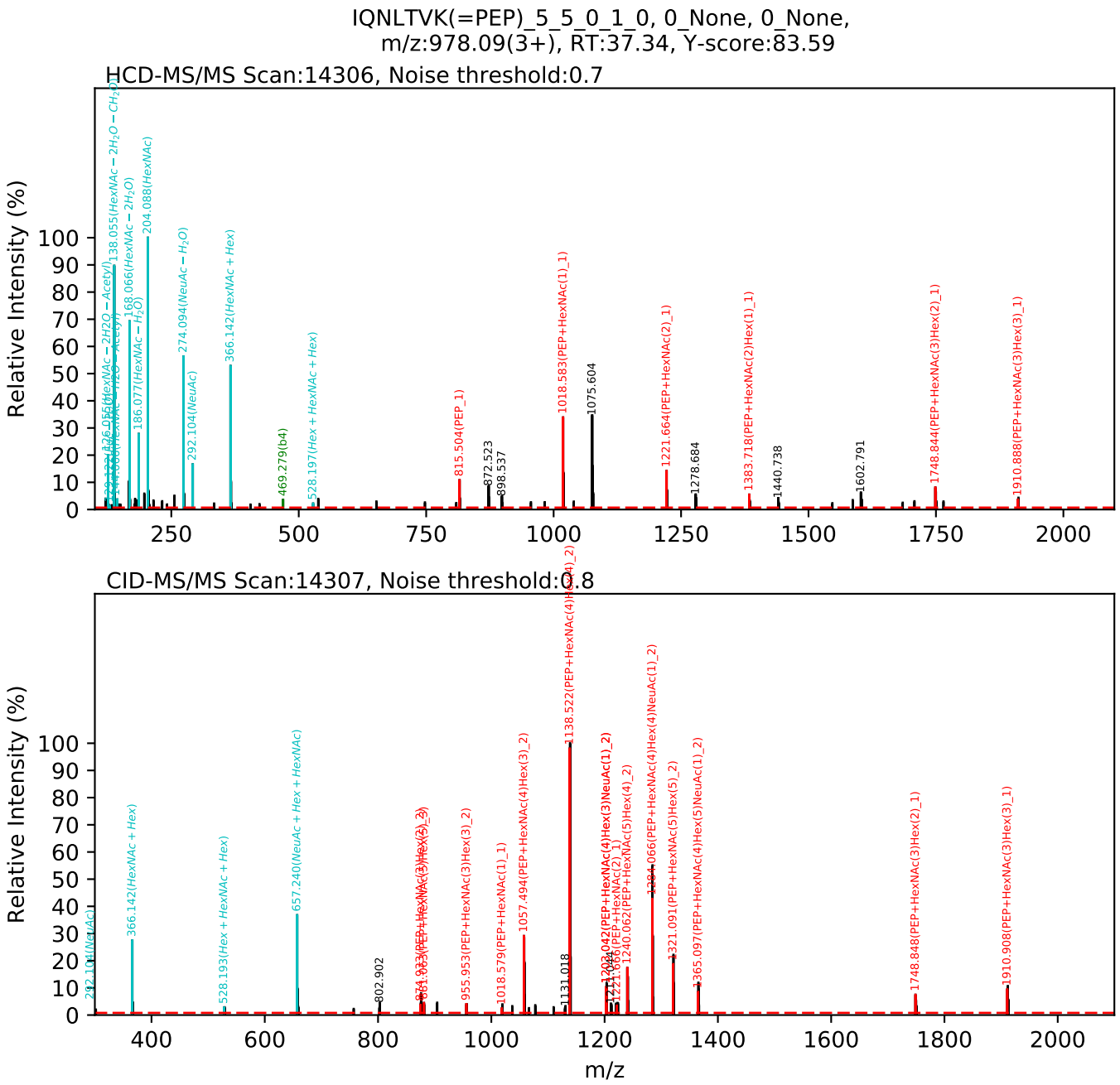

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:35.13, Y-score:96.41
HCD-MS/MS Scan:13156, Noise threshold:0.5
CID-MS/MS Scan:13154, Noise threshold:0.7
ETD-MS/MS Scan:13155, Noise threshold:1.4
Relative Intensity (%)
m/z

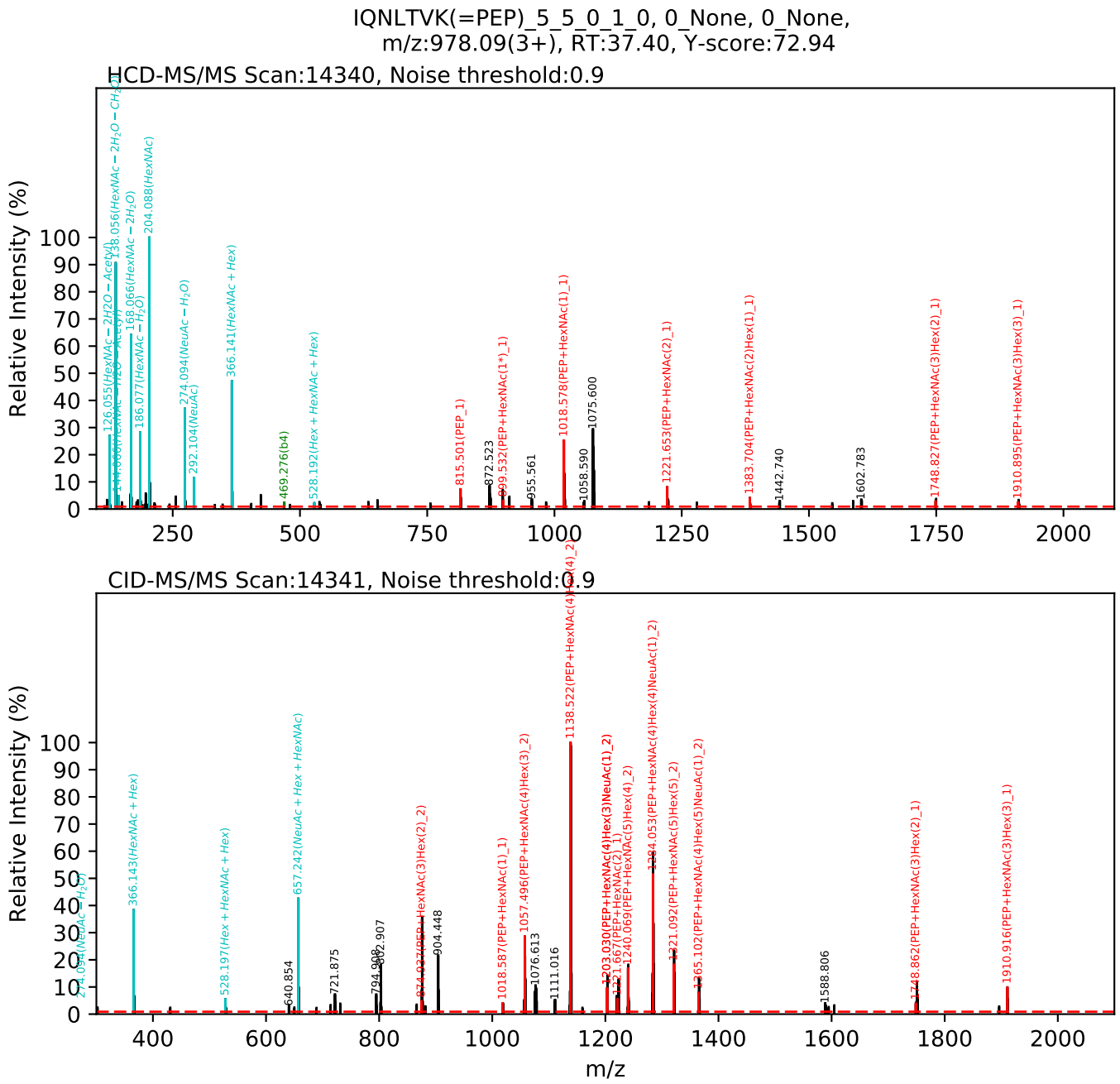

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:1466.63(2+), RT:37.38, Y-score:68.51
HCD-MS/MS Scan:14331, Noise threshold:0.6
CID-MS/MS Scan:14332, Noise threshold:0.8
ETD-MS/MS Scan:14333, Noise threshold:1.2
Relative Intensity (%)
m/z
M+2H

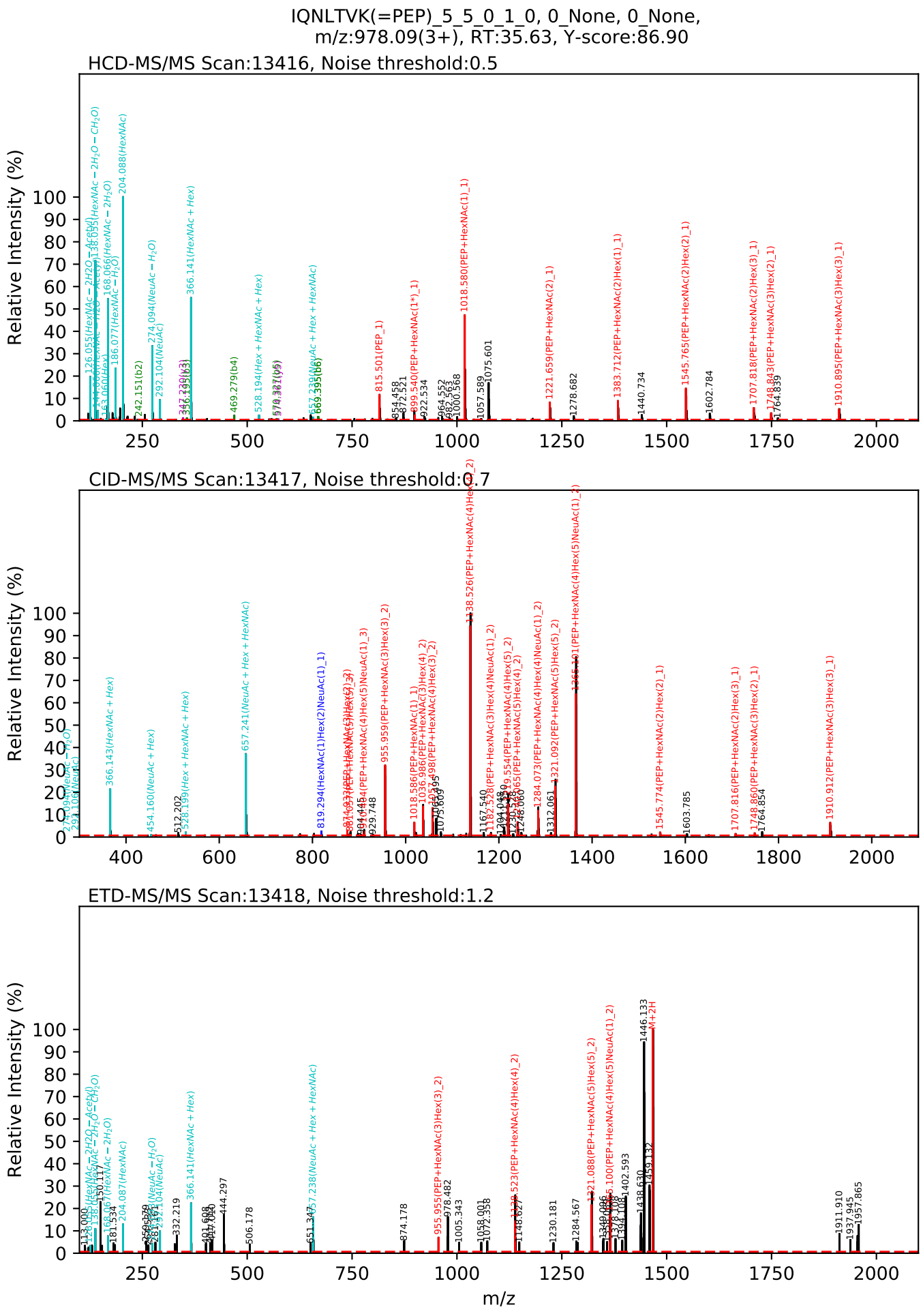

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:1466.63(2+), RT:35.23, Y-score:88.18
HCD-MS/MS Scan:13212, Noise threshold:0.6
CID-MS/MS Scan:13210, Noise threshold:0.8
ETD-MS/MS Scan:13211, Noise threshold:1.0
Relative Intensity (%)
m/z

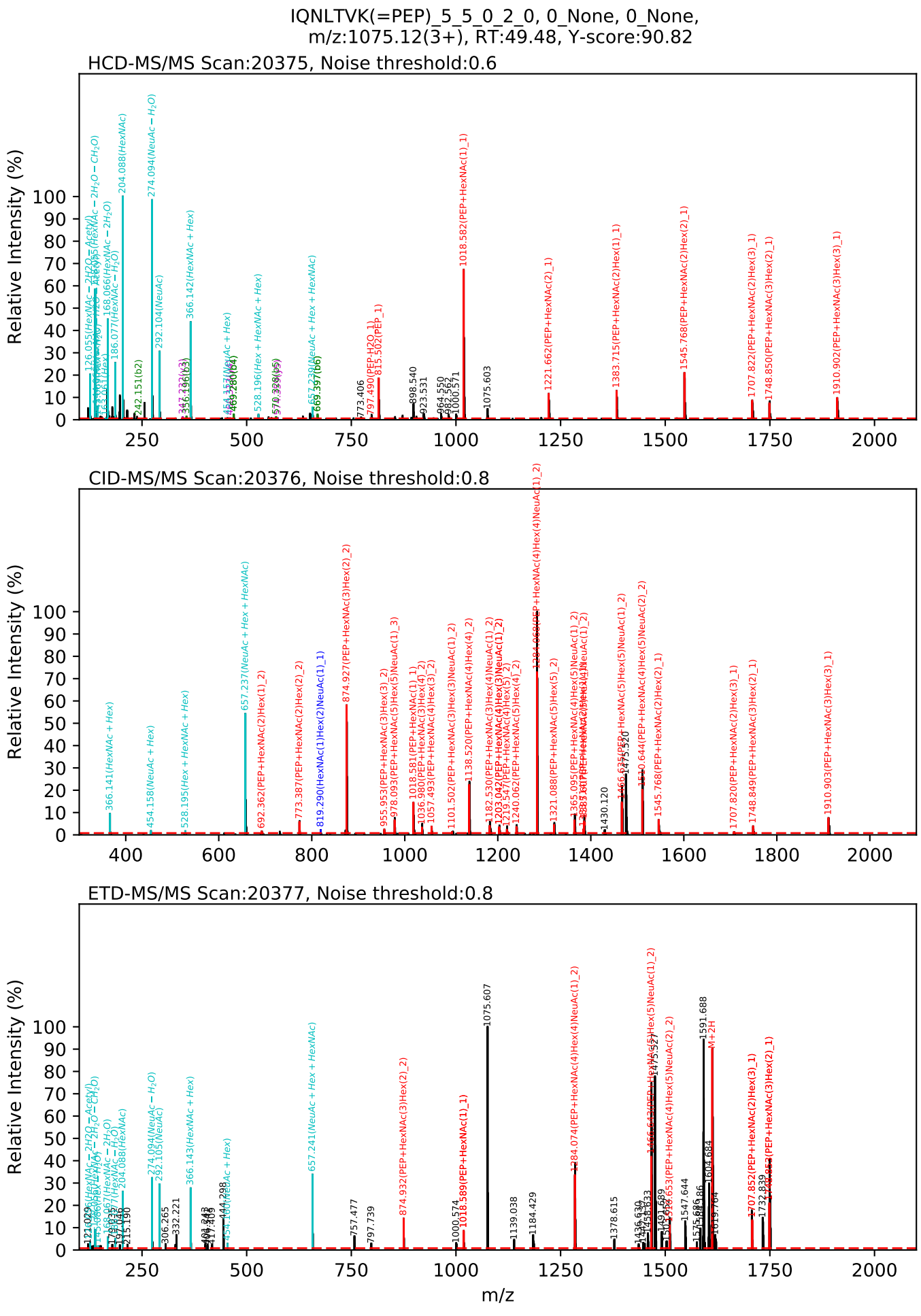

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:1466.63(2+), RT:35.82, Y-score:83.11
HCD-MS/MS Scan:13516, Noise threshold:0.7
CID-MS/MS Scan:13517, Noise threshold:0.8
ETD-MS/MS Scan:13518, Noise threshold:1.6
Relative Intensity (%)
m/z
M+2H

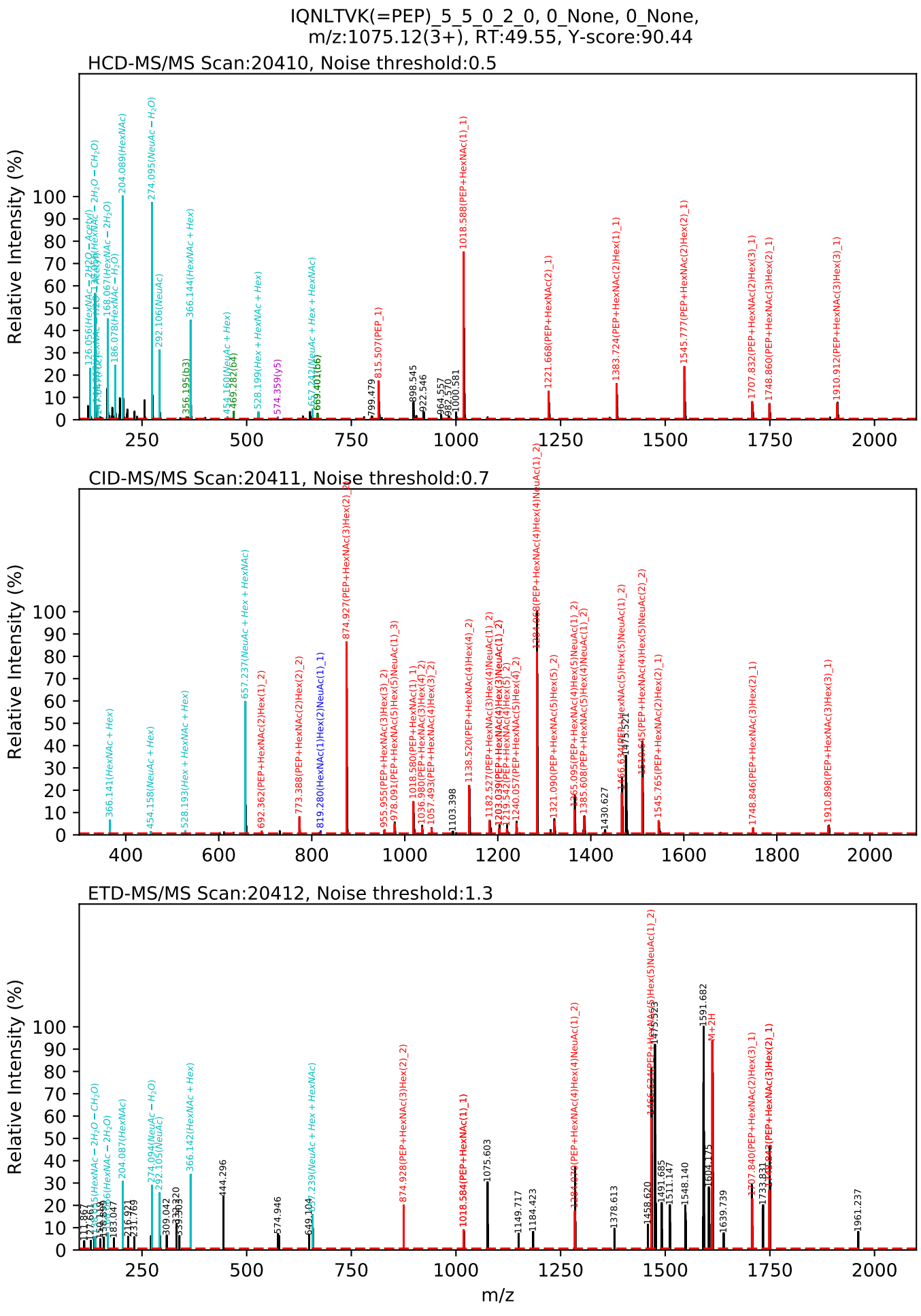

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:1466.63(2+), RT:36.25, Y-score:63.10
HCD-MS/MS Scan:13739, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:13740, Noise threshold:1.1
Relative Intensity (%)
m/z

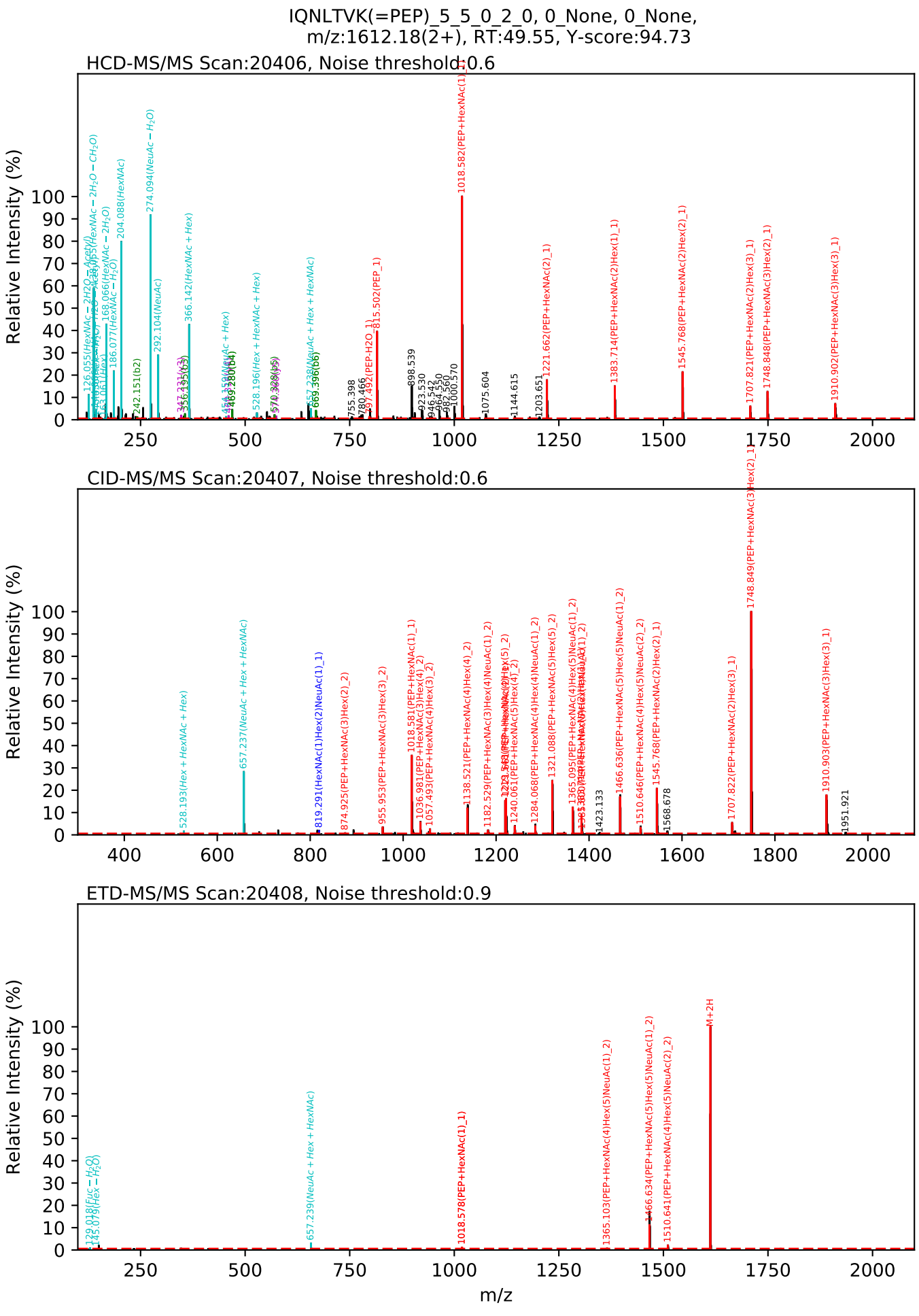

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:37.34, Y-score:83.59
HCD-MS/MS Scan:14306, Noise threshold:0.7
Relative Intensity (%)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.142(HexNAc + Hex)
469.279(b4)
528.197(Hex + HexNAc + Hex)
815.504(PEP_1)
872.523
898.537
1018.583(PEP+HexNAc(1)_1)
1075.604
1221.664(PEP+HexNAc(2)_1)
1278.684
1383.718(PEP+HexNAc(2)Hex(1)_1)
1440.738
1602.791
1748.844(PEP+HexNAc(3)Hex(2)_1)
1910.888(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:14307, Noise threshold:0.8
Relative Intensity (%)
366.142(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
657.240(NeuAc + Hex + HexNAc)
802.902
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.579(PEP+HexNAc(1)_1)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1131.018
1138.522(PEP+HexNAc(4)Hex(4)_2)
1240.062(PEP+HexNAc(5)Hex(4)_2)
1321.091(PEP+HexNAc(5)Hex(5)_2)
1365.097(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1910.908(PEP+HexNAc(3)Hex(3)_1)
m/z

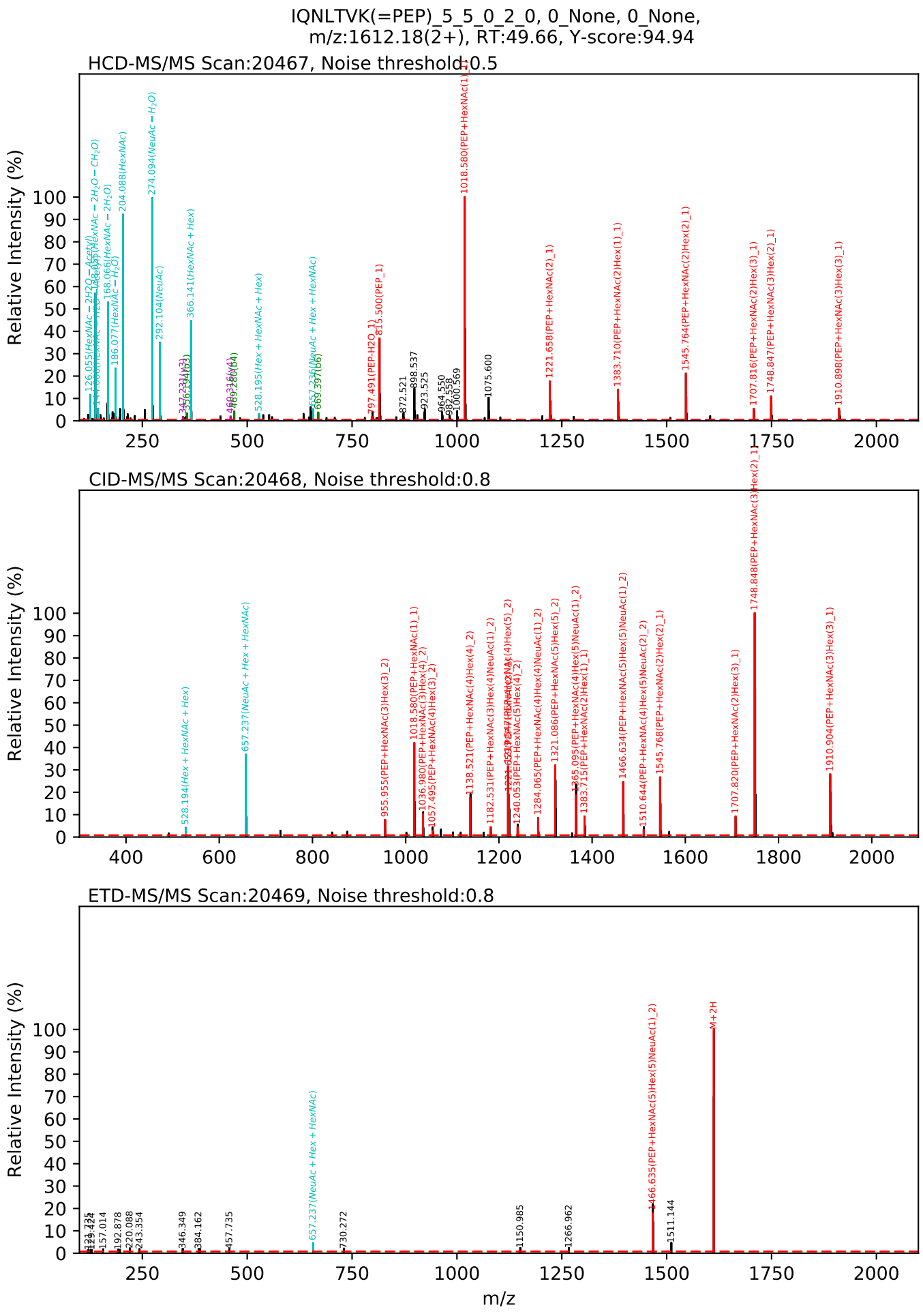

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:37.40, Y-score:72.94
HCD-MS/MS Scan:14340, Noise threshold:0.9
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.276(b4)
528.192(Hex + HexNAc + Hex)
815.501(PEP_1)
872.523
899.532(PEP+HexNAc(1*)_1)
955.561
1018.578(PEP+HexNAc(1)_1)
1058.590
1075.600
1221.653(PEP+HexNAc(2)_1)
1383.704(PEP+HexNAc(2)Hex(1)_1)
1442.740
1602.783
1748.827(PEP+HexNAc(3)Hex(2)_1)
1910.895(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:14341, Noise threshold:0.9
Relative Intensity (%)
m/z
366.143(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
657.242(NeuAc + Hex + HexNAc)
640.854
721.875
794.908
802.907
904.448
1018.587(PEP+HexNAc(1)_1)
1057.496(PEP+HexNAc(4)Hex(3)_2)
1076.613
1111.016
1138.522(PEP+HexNAc(4)Hex(4)_2)
1203.030(PEP+HexNAc(4)Hex(3)NeuAc(1)_2)
1221.657(PEP+HexNAc(2)_1)
1240.069(PEP+HexNAc(5)Hex(4)_2)
1384.053(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1421.092(PEP+HexNAc(5)Hex(5)_2)
1565.102(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1588.806
1748.862(PEP+HexNAc(3)Hex(2)_1)
1910.916(PEP+HexNAc(3)Hex(3)_1)

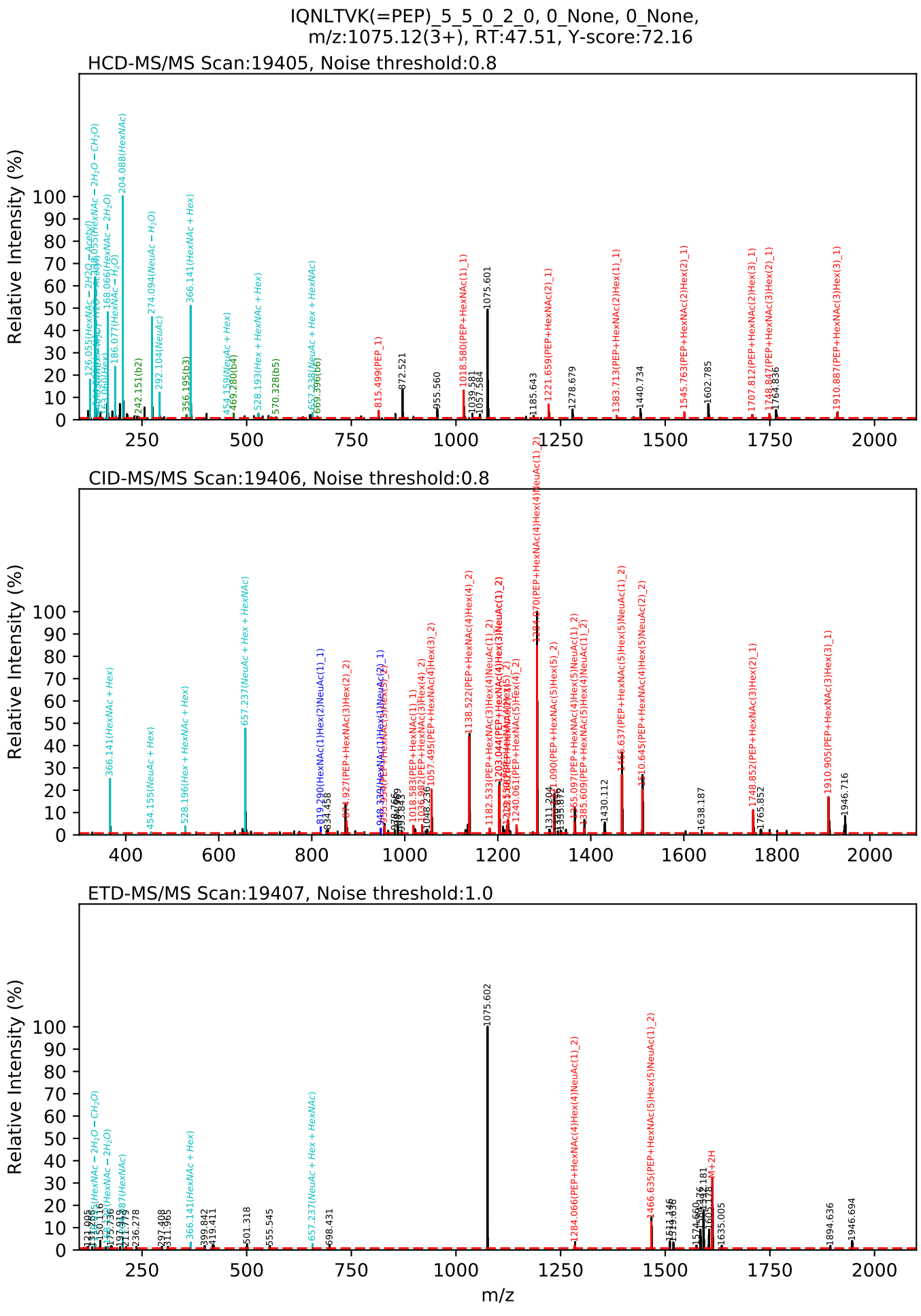

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:35.63, Y-score:86.90
HCD-MS/MS Scan:13416, Noise threshold:0.5
CID-MS/MS Scan:13417, Noise threshold:0.7
ETD-MS/MS Scan:13418, Noise threshold:1.2
Relative Intensity (%)
m/z

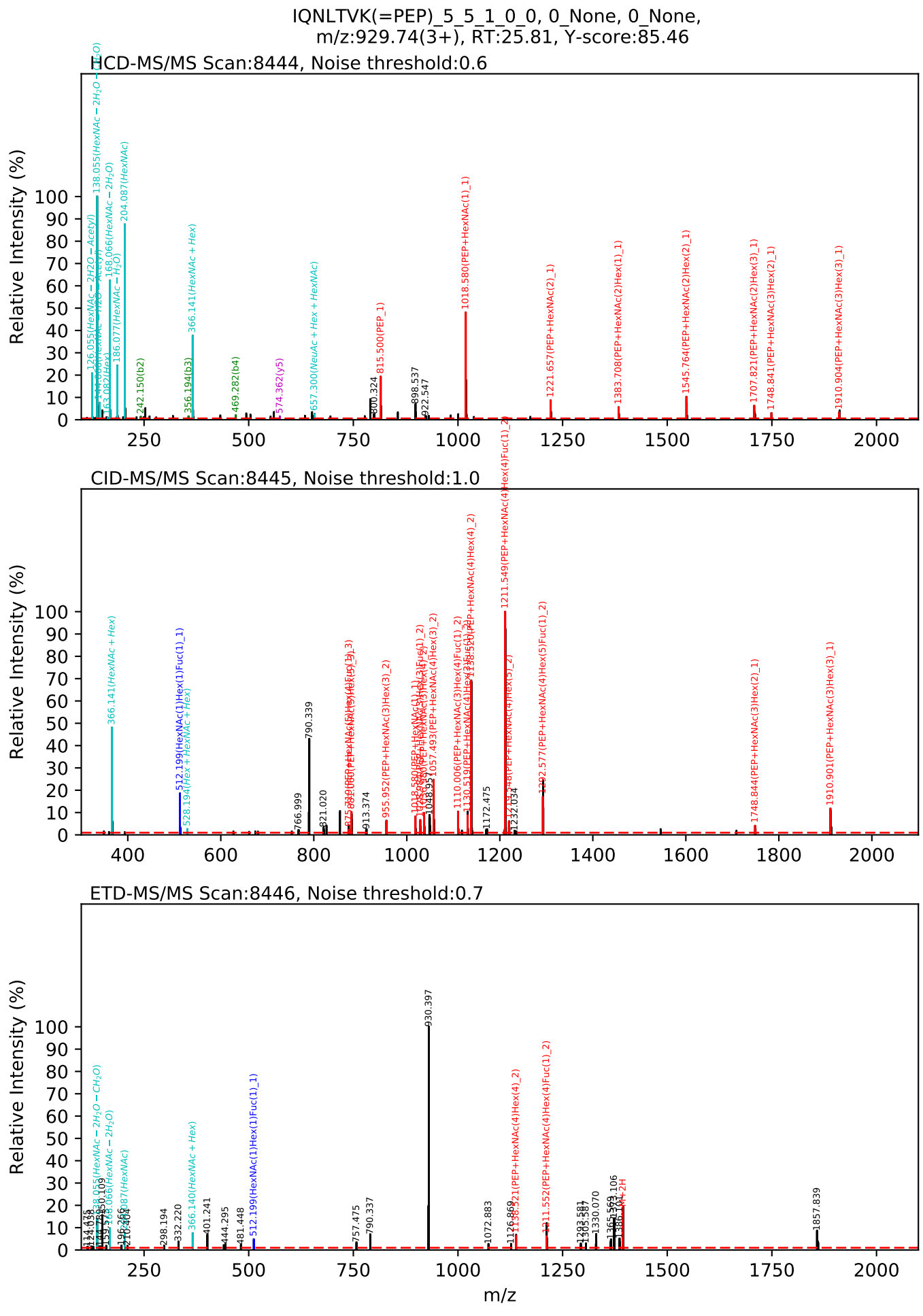

IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1075.12(3+), RT:49.48, Y-score:90.82
HCD-MS/MS Scan:20375, Noise threshold:0.6
CID-MS/MS Scan:20376, Noise threshold:0.8
ETD-MS/MS Scan:20377, Noise threshold:0.8
Relative Intensity (%)
m/z

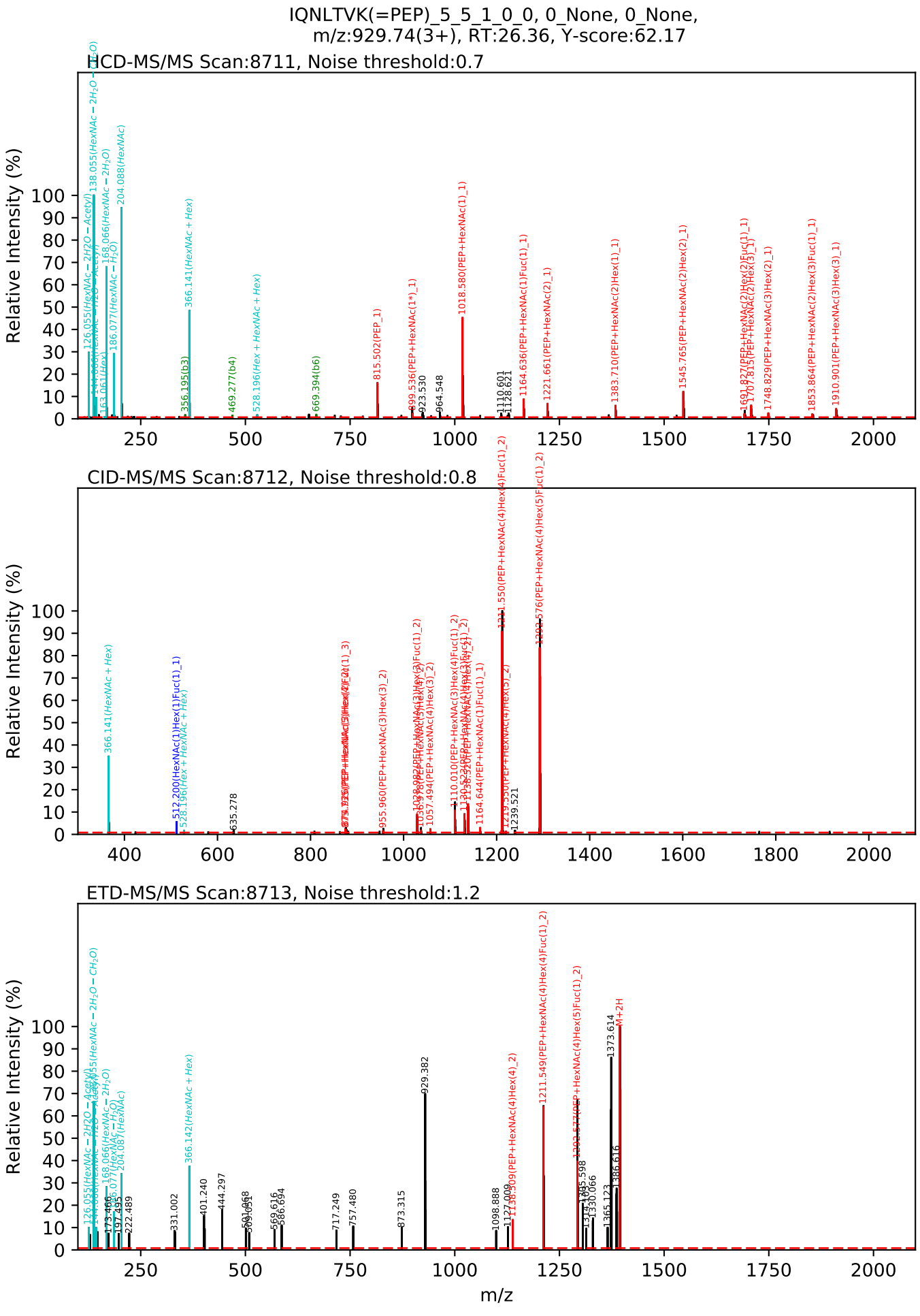

IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1075.12(3+), RT:49.55, Y-score:90.44
HCD-MS/MS Scan:20410, Noise threshold:0.5
CID-MS/MS Scan:20411, Noise threshold:0.7
ETD-MS/MS Scan:20412, Noise threshold:1.3
Relative Intensity (%)
m/z

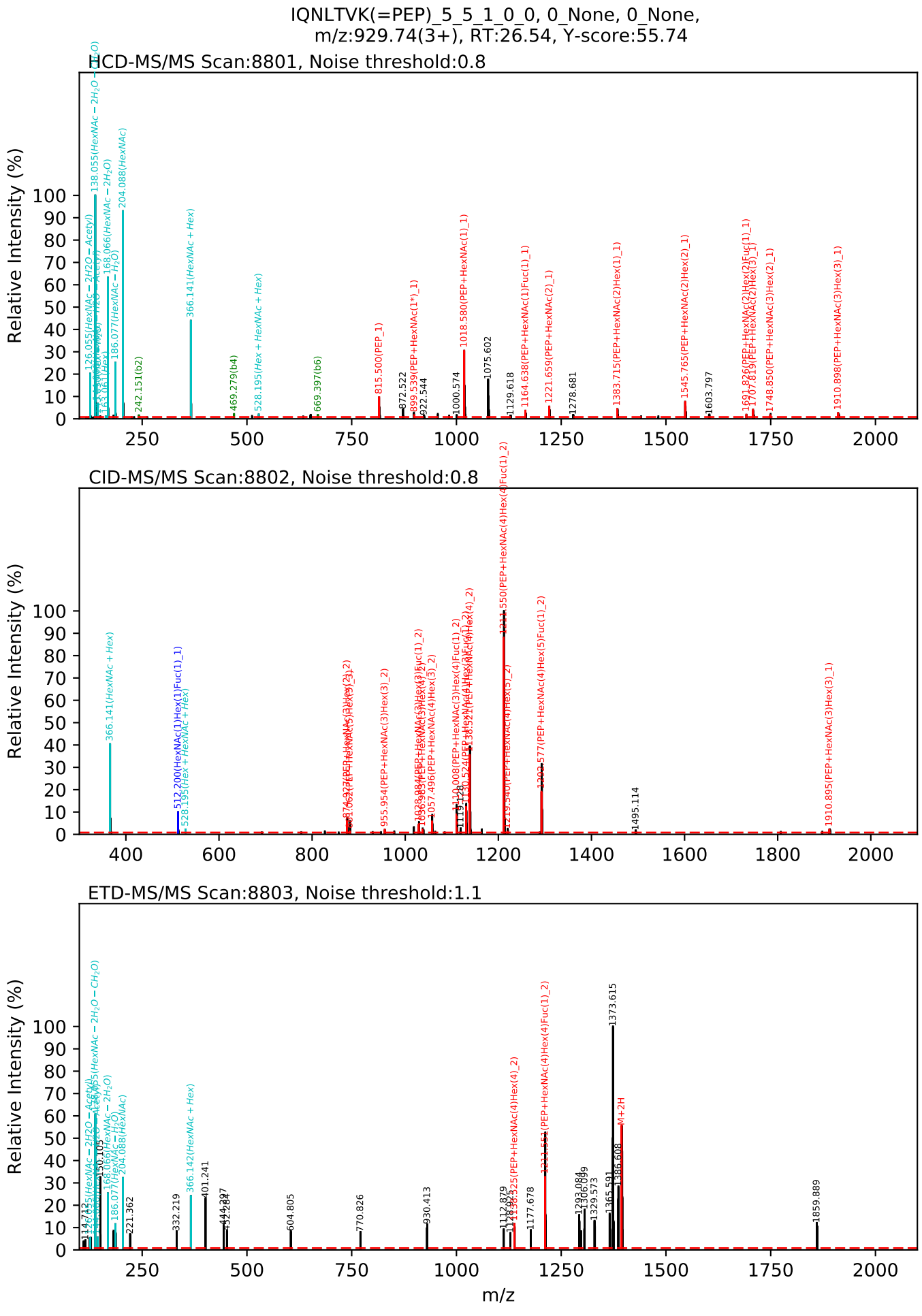

IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1612.18(2+), RT:49.55, Y-score:94.73
HCD-MS/MS Scan:20406, Noise threshold:0.6
CID-MS/MS Scan:20407, Noise threshold:0.6
ETD-MS/MS Scan:20408, Noise threshold:0.9
Relative Intensity (%)
m/z

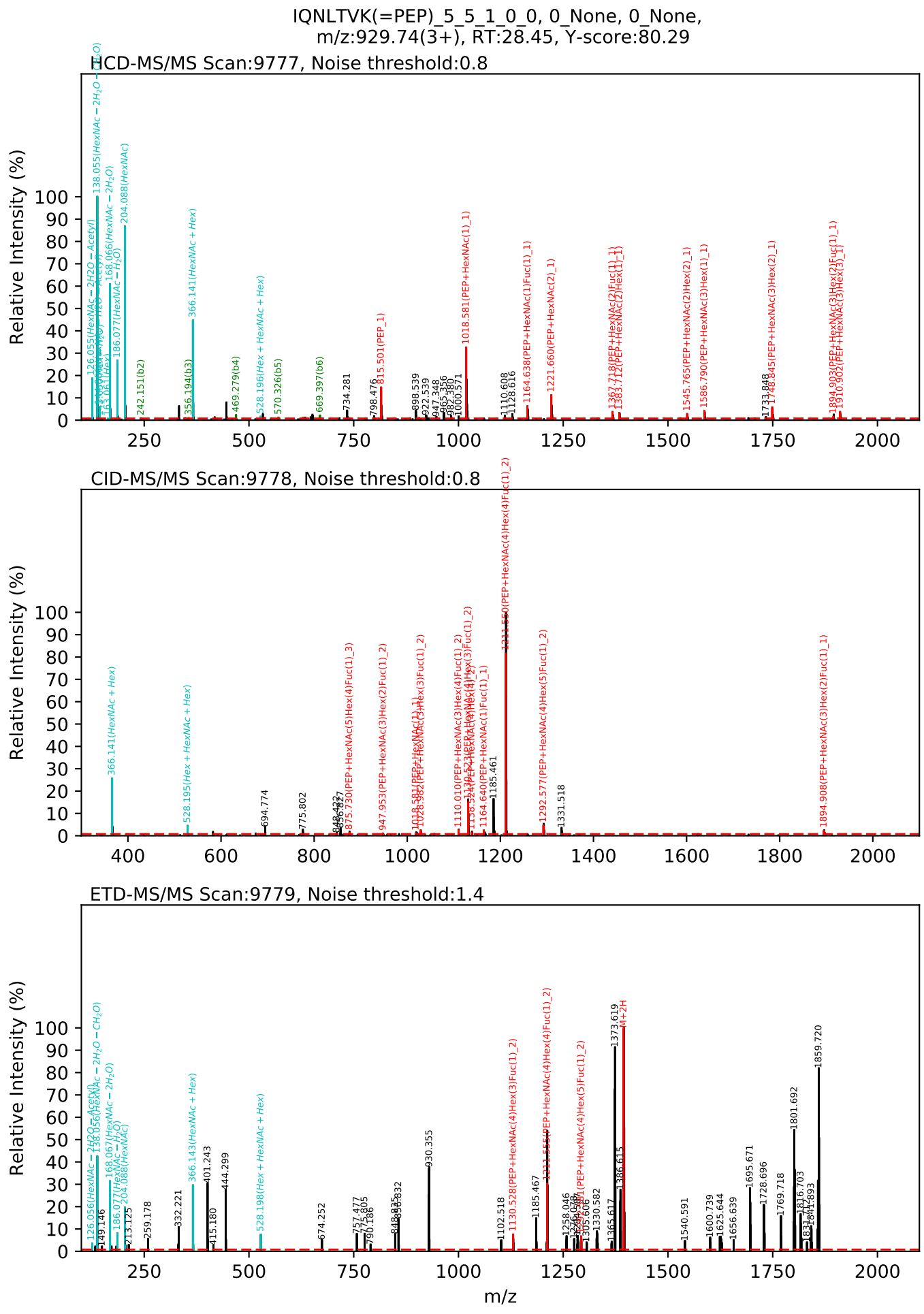

IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1612.18(2+), RT:49.66, Y-score:94.94
HCD-MS/MS Scan:20467, Noise threshold:0.5
CID-MS/MS Scan:20468, Noise threshold:0.8
ETD-MS/MS Scan:20469, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H

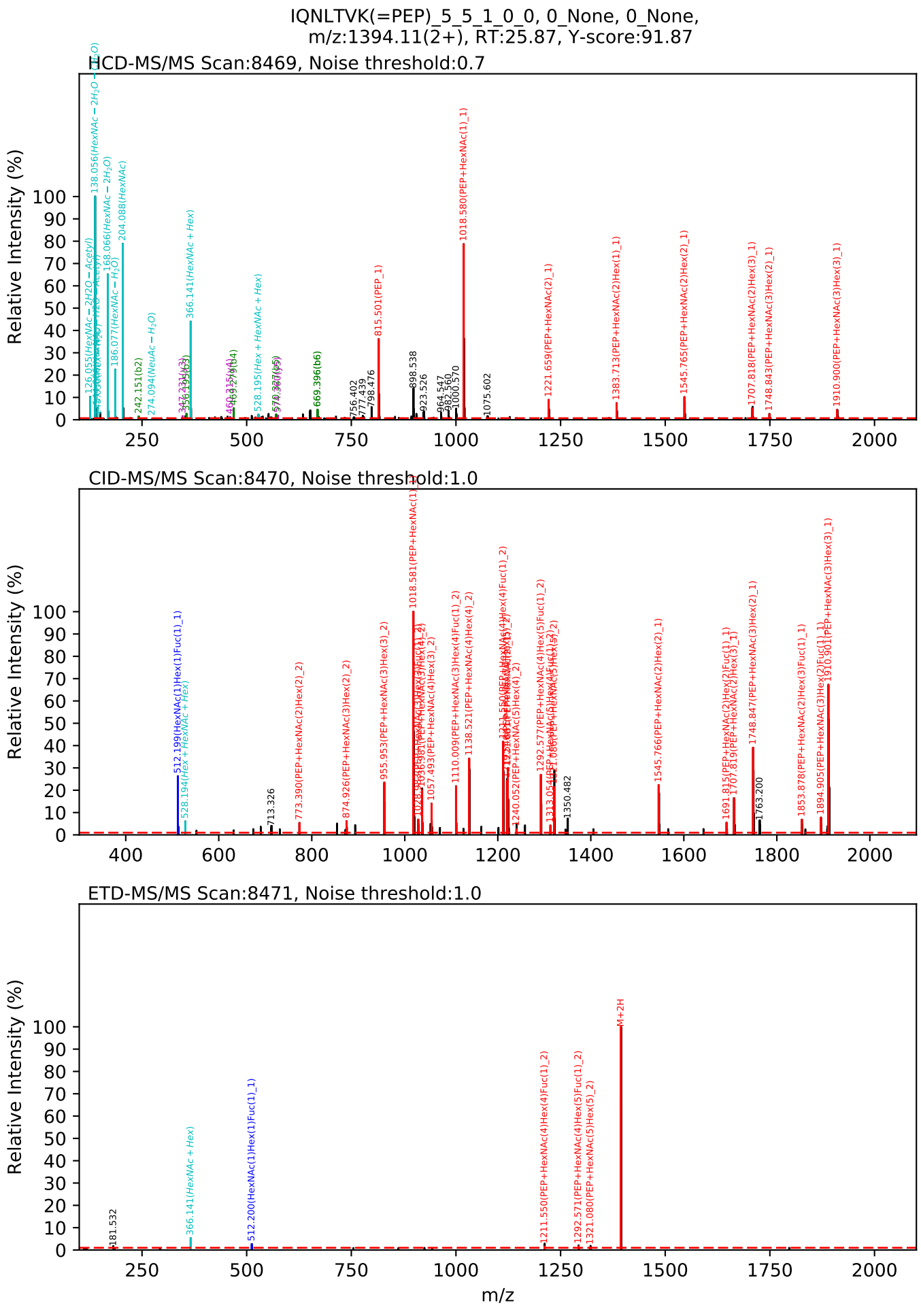

IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1075.12(3+), RT:47.51, Y-score:72.16
HCD-MS/MS Scan:19405, Noise threshold:0.8
CID-MS/MS Scan:19406, Noise threshold:0.8
ETD-MS/MS Scan:19407, Noise threshold:1.0
Relative Intensity (%)
m/z

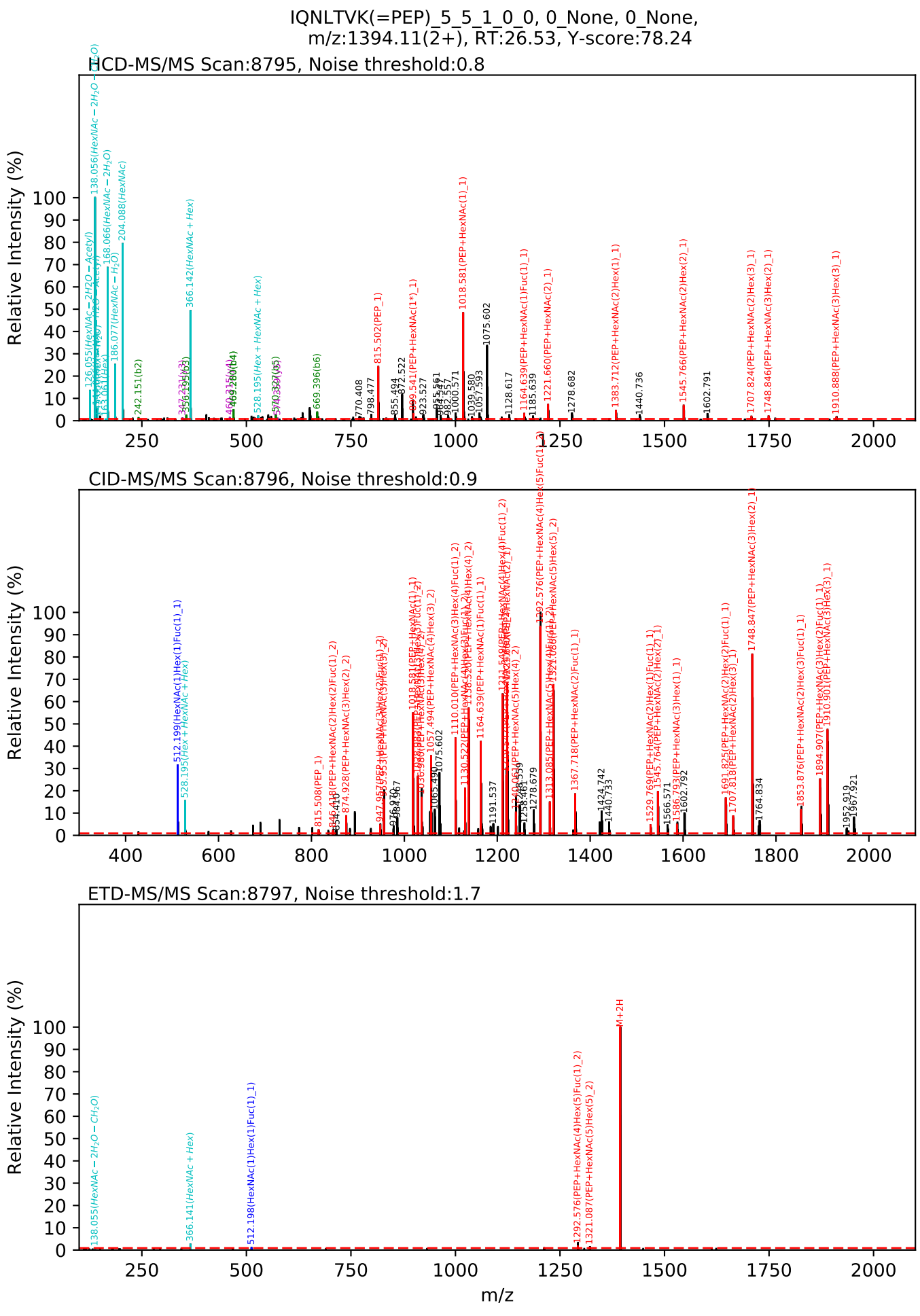

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:25.81, Y-score:85.46
HCD-MS/MS Scan:8444, Noise threshold:0.6
Relative Intensity (%)
242.150(b2)
356.194(b3)
366.141(HexNAc + Hex)
469.282(b4)
574.362(y5)
657.300(NeuAc + Hex + HexNAc)
800.324
815.500(PEP_1)
898.537
922.547
1018.580(PEP+HexNAc(1)_1)
1221.657(PEP+HexNAc(2)_1)
1383.708(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.841(PEP+HexNAc(3)Hex(2)_1)
1910.904(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:8445, Noise threshold:1.0
Relative Intensity (%)
366.141(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
766.999
790.339
821.020
913.374
955.952(PEP+HexNAc(3)Hex(3)_2)
1172.475
1232.034
1748.844(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:8446, Noise threshold:0.7
Relative Intensity (%)
298.194
332.220
366.140(HexNAc + Hex)
401.241
444.295
481.448
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
757.475
790.337
930.397
1072.883
1857.839
m/z

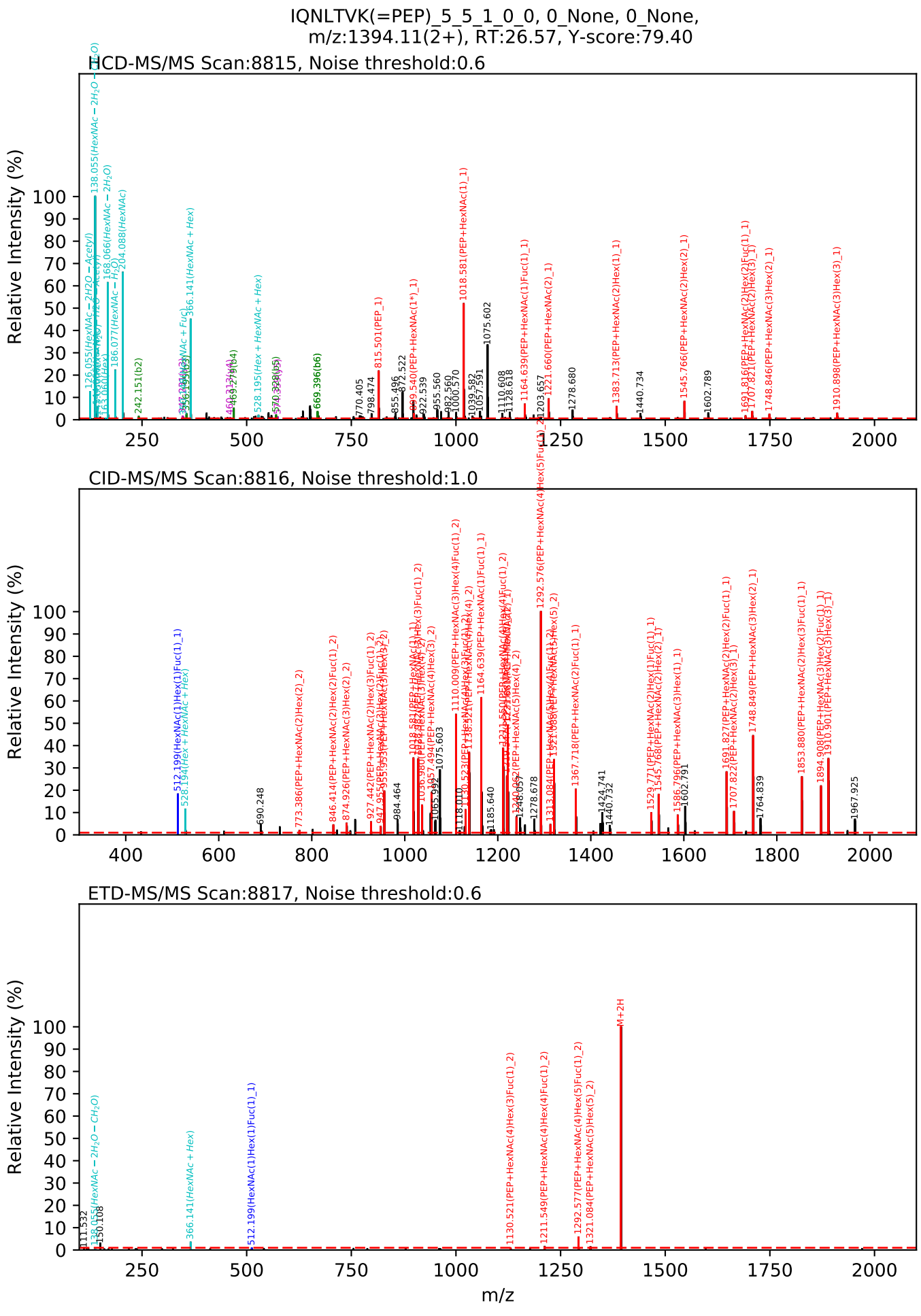

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:26.36, Y-score:62.17
HCD-MS/MS Scan:8711, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
204.088(HexNAc)
815.502(PEP_1)
1018.580(PEP+HexNAc(1)_1)
1164.636(PEP+HexNAc(1)Fuc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:8712, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
528.196(Hex + HexNAc + Hex)
635.278
955.960(PEP+HexNAc(3)Hex(3)_2)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1110.010(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.644(PEP+HexNAc(1)Fuc(1)_1)
1211.550(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1239.521
1292.576(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
ETD-MS/MS Scan:8713, Noise threshold:1.2
Relative Intensity (%)
366.142(HexNAc + Hex)
929.382
1211.549(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1373.614
M+2H
m/z

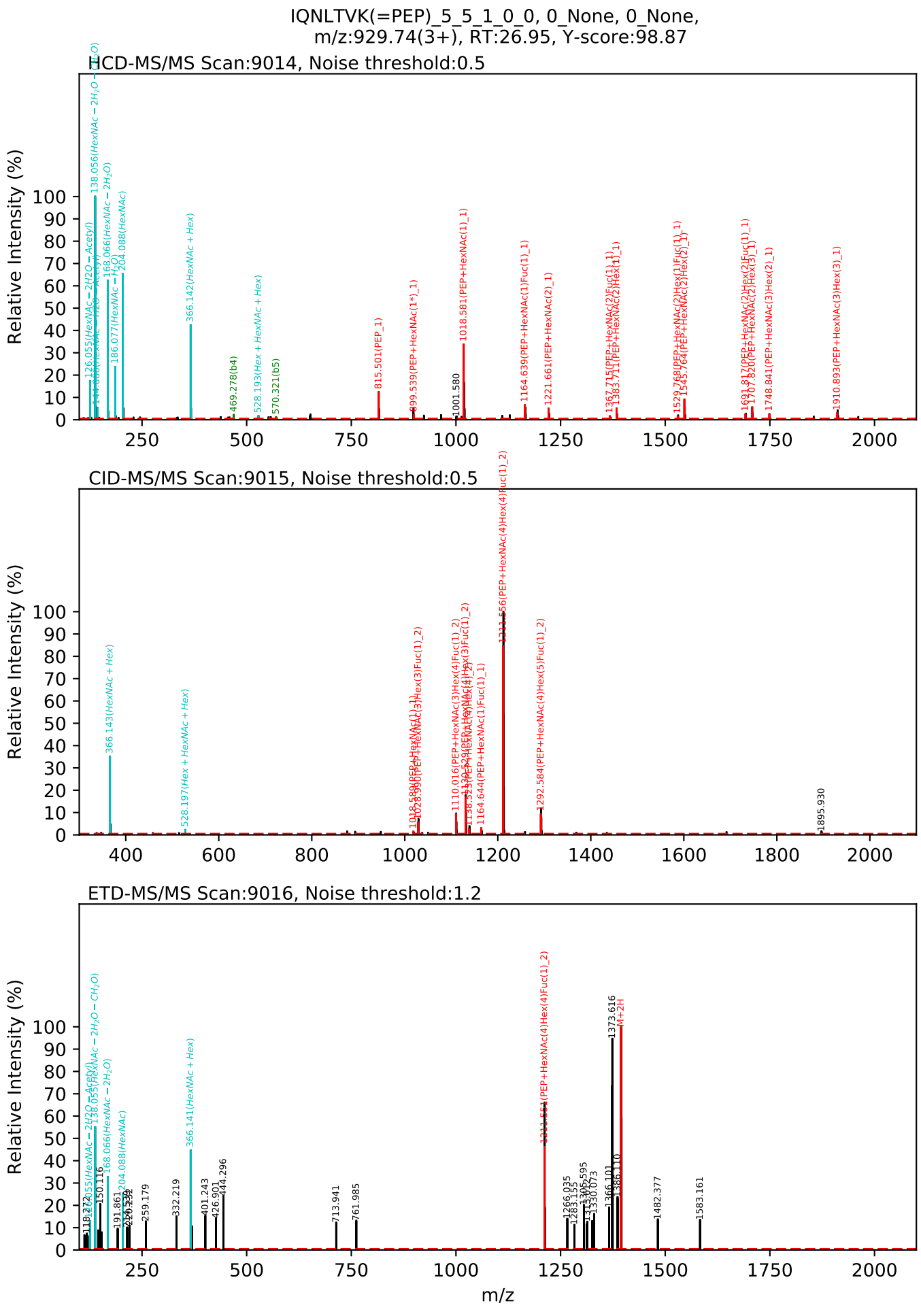

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:26.54, Y-score:55.74
HCD-MS/MS Scan:8801, Noise threshold:0.8
CID-MS/MS Scan:8802, Noise threshold:0.8
ETD-MS/MS Scan:8803, Noise threshold:1.1
Relative Intensity (%)
m/z

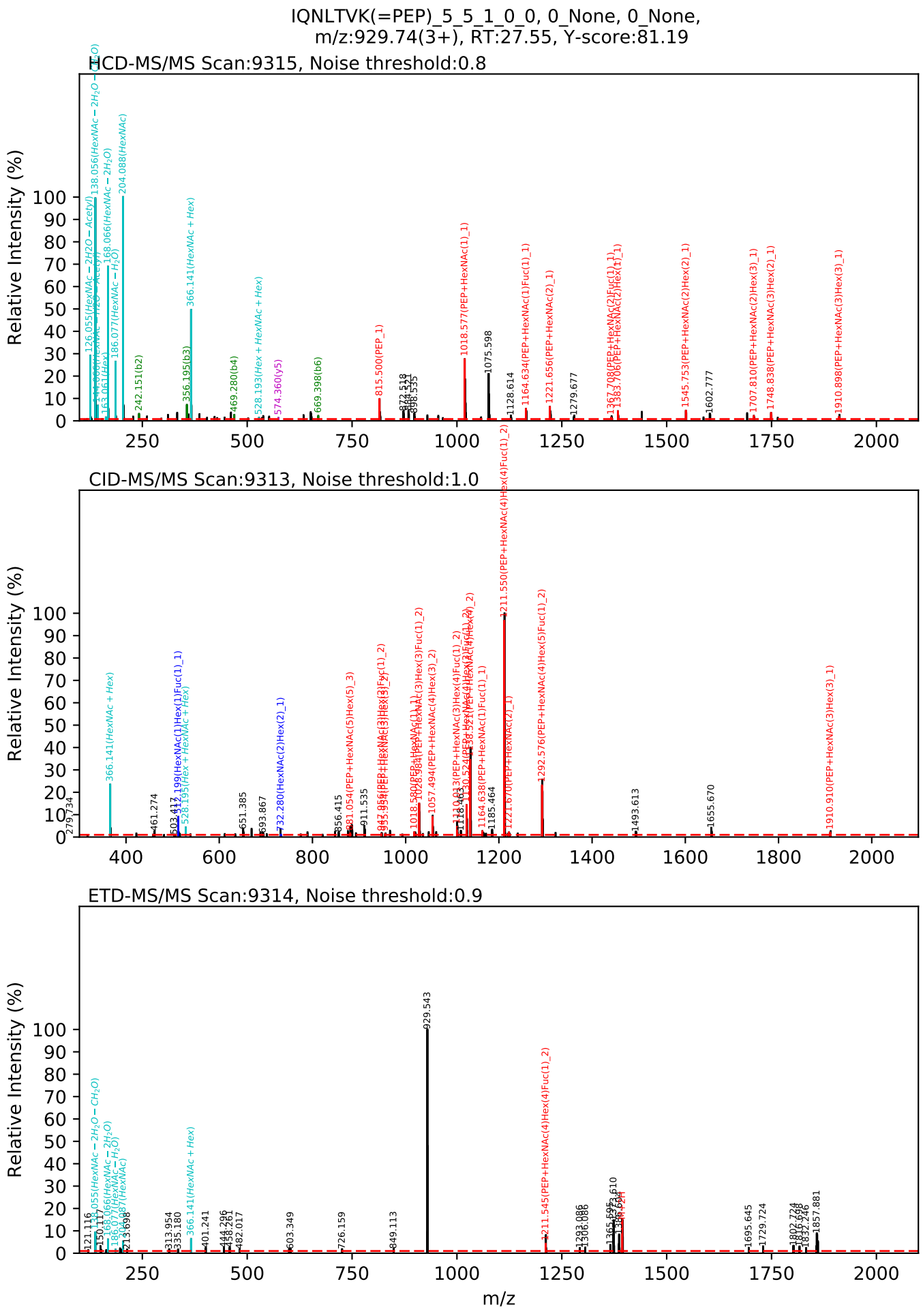

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:28.45, Y-score:80.29
HCD-MS/MS Scan:9777, Noise threshold:0.8
CID-MS/MS Scan:9778, Noise threshold:0.8
ETD-MS/MS Scan:9779, Noise threshold:1.4
Relative Intensity (%)
m/z

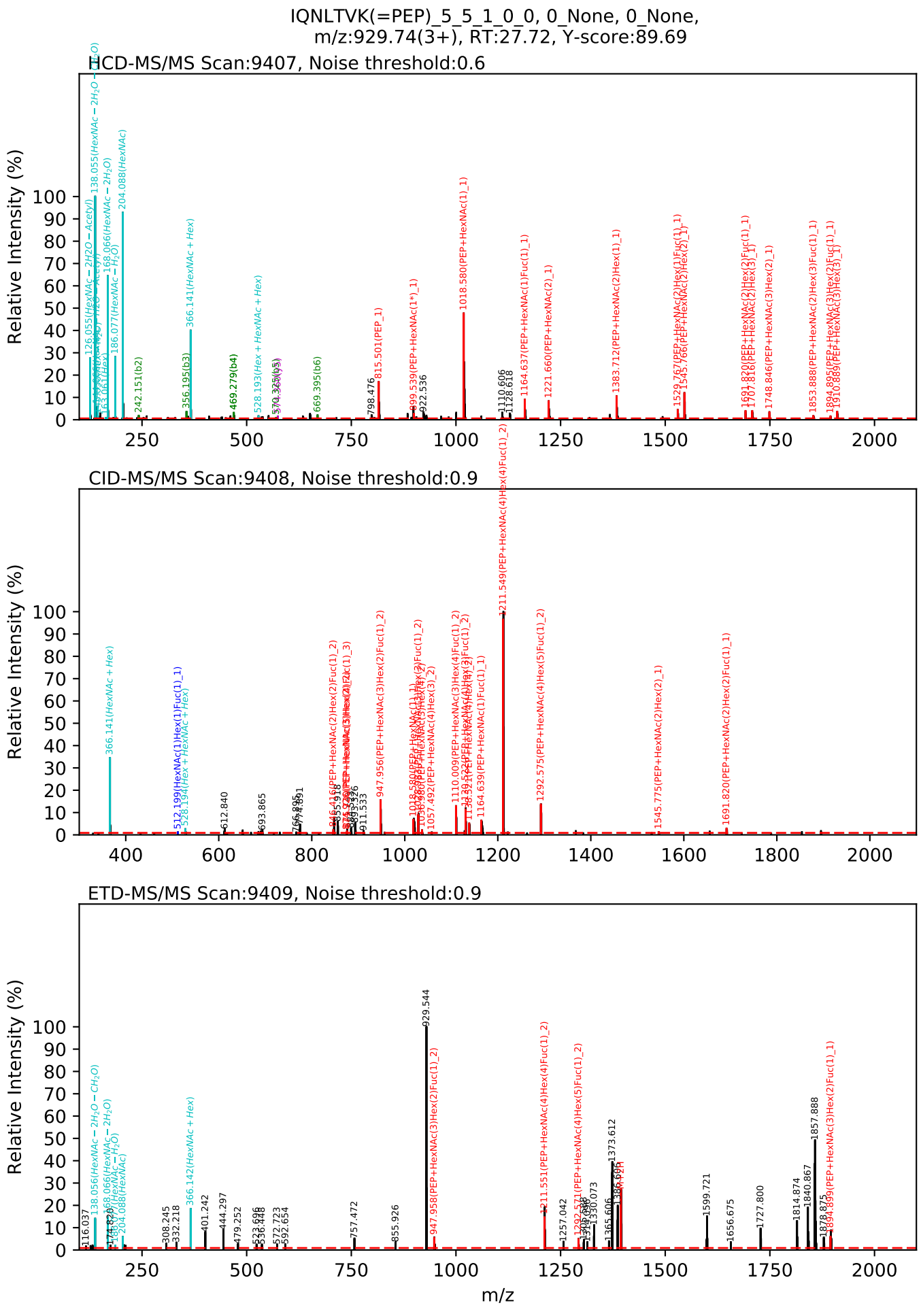

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:25.87, Y-score:91.87
HCD-MS/MS Scan:8469, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:8470, Noise threshold:1.0
Relative Intensity (%)
ETD-MS/MS Scan:8471, Noise threshold:1.0
Relative Intensity (%)
m/z

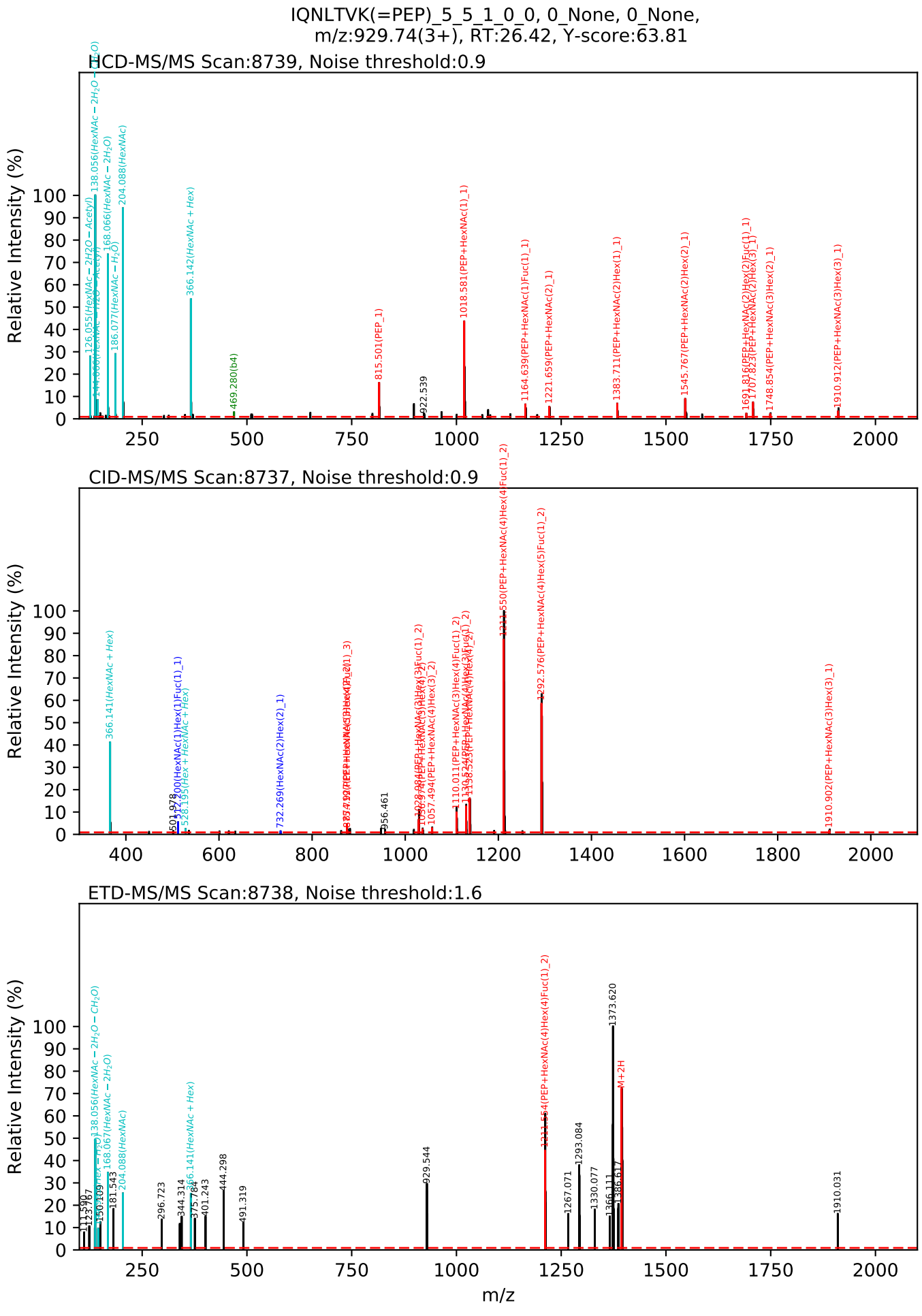

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:26.53, Y-score:78.24
HCD-MS/MS Scan:8795, Noise threshold:0.8
CID-MS/MS Scan:8796, Noise threshold:0.9
ETD-MS/MS Scan:8797, Noise threshold:1.7
Relative Intensity (%)
m/z
M+2H

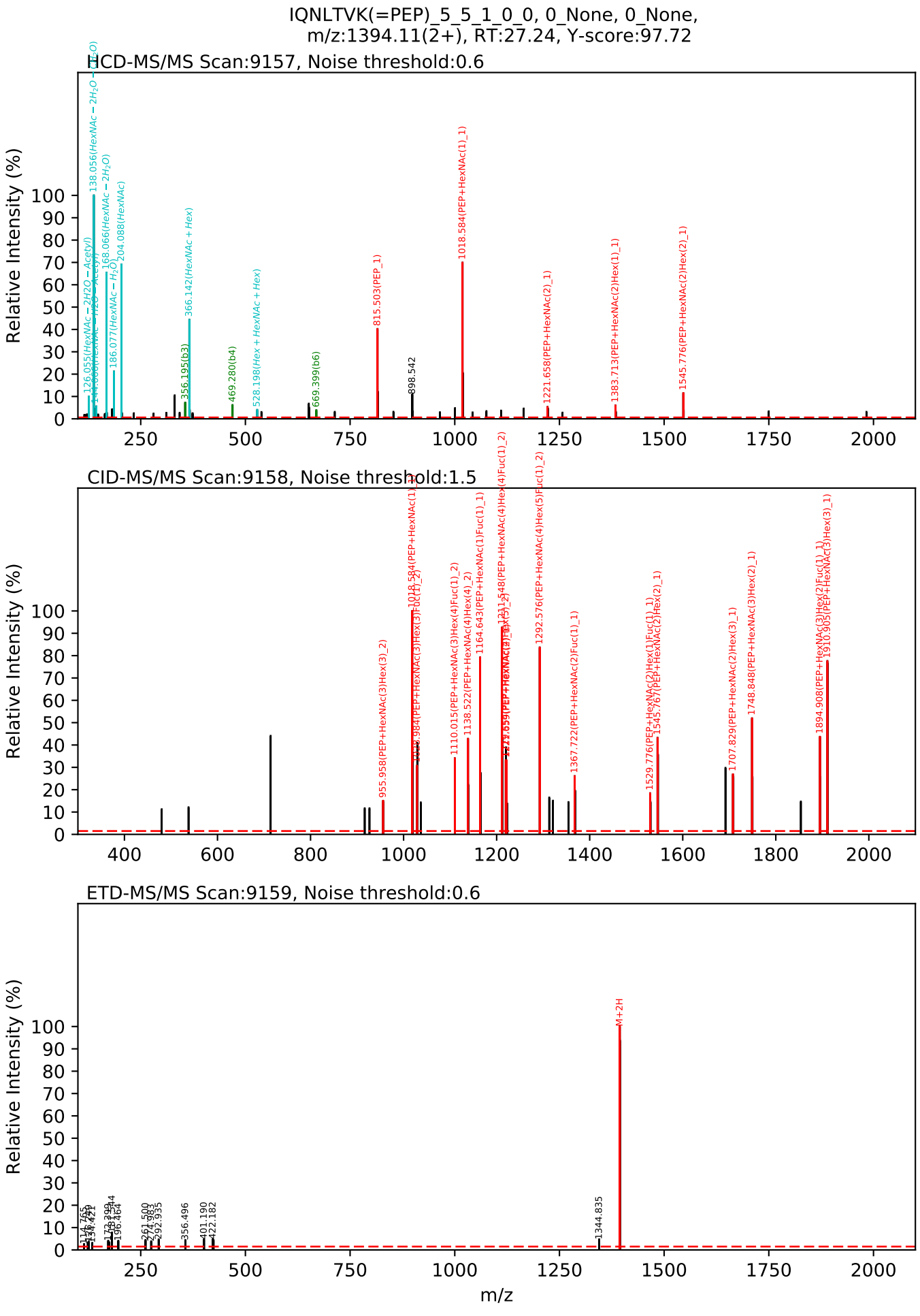

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:26.57, Y-score:79.40
HCD-MS/MS Scan:8815, Noise threshold:0.6
CID-MS/MS Scan:8816, Noise threshold:1.0
ETD-MS/MS Scan:8817, Noise threshold:0.6
Relative Intensity (%)
m/z

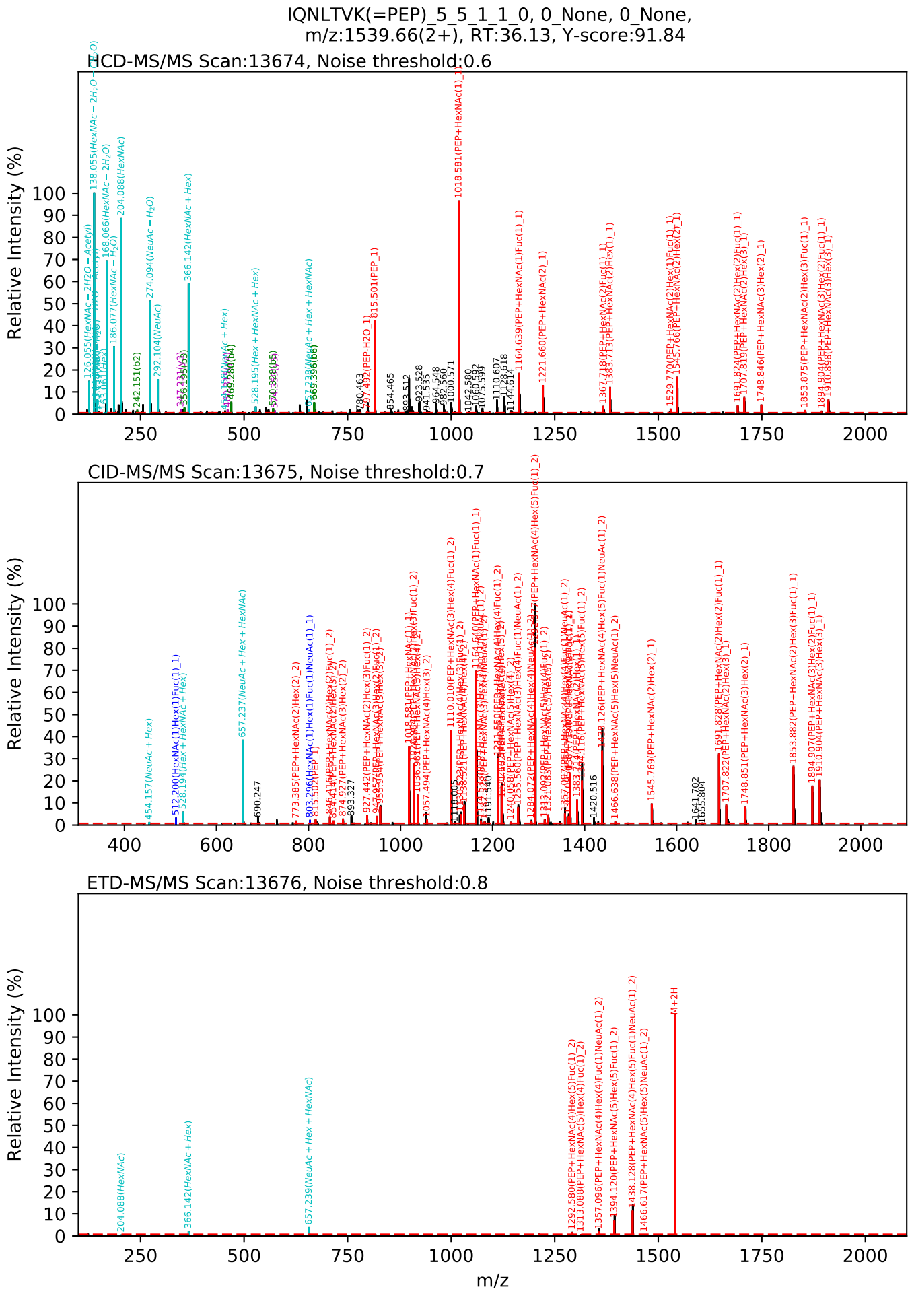

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:26.95, Y-score:98.87
HCD-MS/MS Scan:9014, Noise threshold:0.5
CID-MS/MS Scan:9015, Noise threshold:0.5
ETD-MS/MS Scan:9016, Noise threshold:1.2
Relative Intensity (%)
m/z

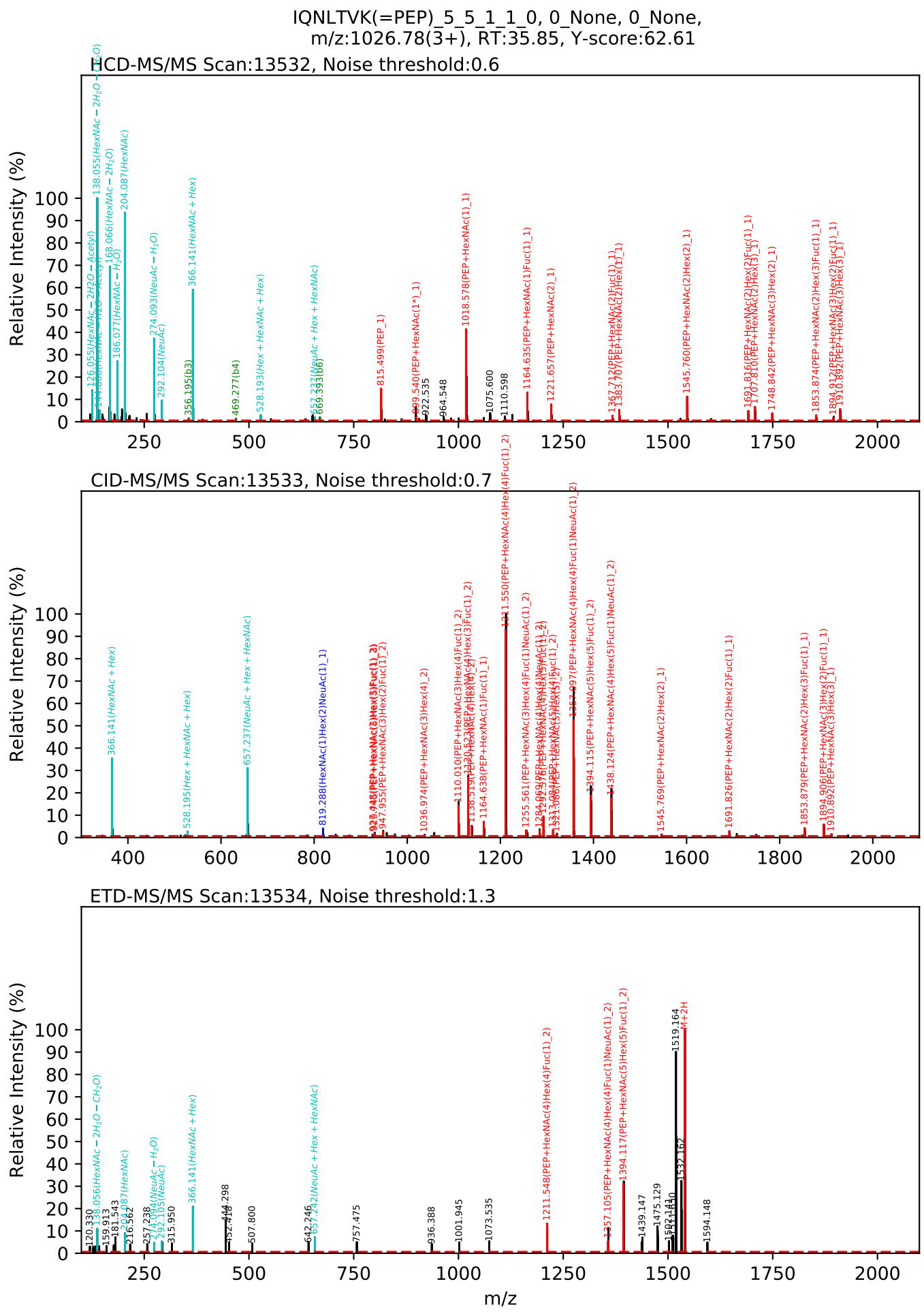

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:27.55, Y-score:81.19
HCD-MS/MS Scan:9315, Noise threshold:0.8
CID-MS/MS Scan:9313, Noise threshold:1.0
ETD-MS/MS Scan:9314, Noise threshold:0.9
Relative Intensity (%)
m/z

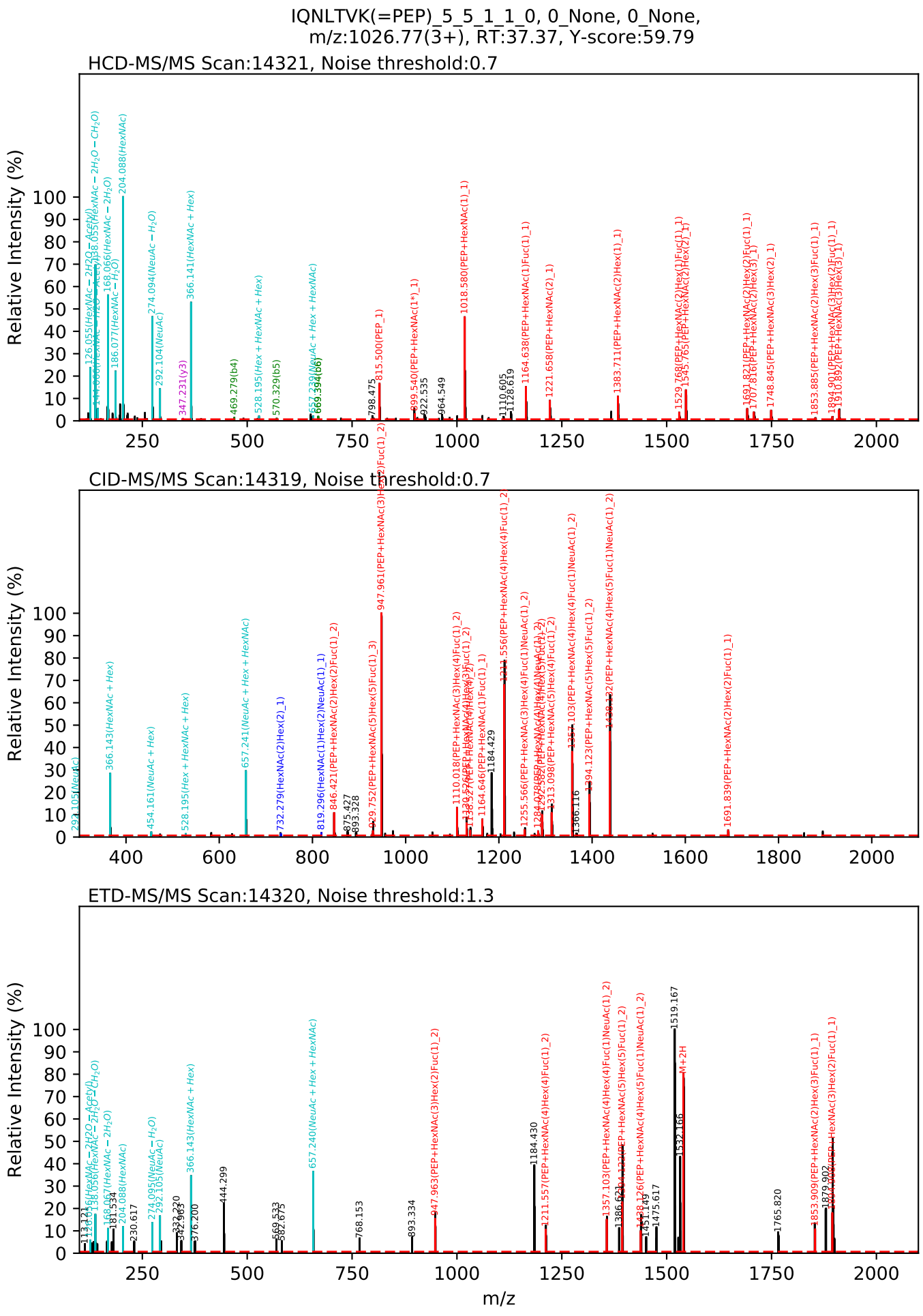

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:27.72, Y-score:89.69
HCD-MS/MS Scan:9407, Noise threshold:0.6
CID-MS/MS Scan:9408, Noise threshold:0.9
ETD-MS/MS Scan:9409, Noise threshold:0.9
Relative Intensity (%)
m/z

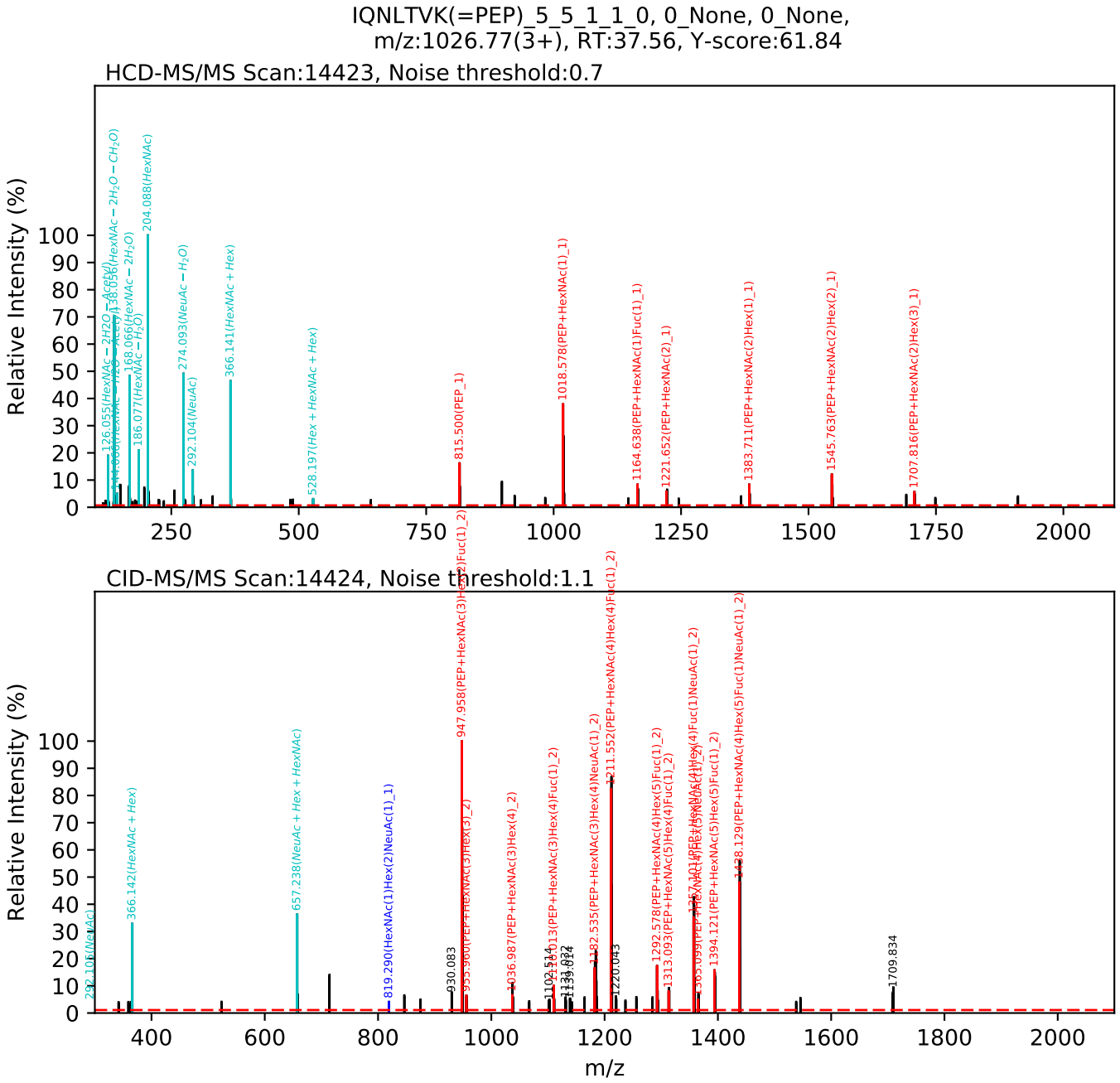

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:26.42, Y-score:63.81
HCD-MS/MS Scan:8739, Noise threshold:0.9
Relative Intensity (%)
366.142(HexNAc + Hex)
204.088(HexNAc)
815.501(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1910.912(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:8737, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
732.269(HexNAc(2)Hex(2)_1)
1292.576(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1910.902(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:8738, Noise threshold:1.6
Relative Intensity (%)
929.544
1373.620
M+2H
1910.031
m/z

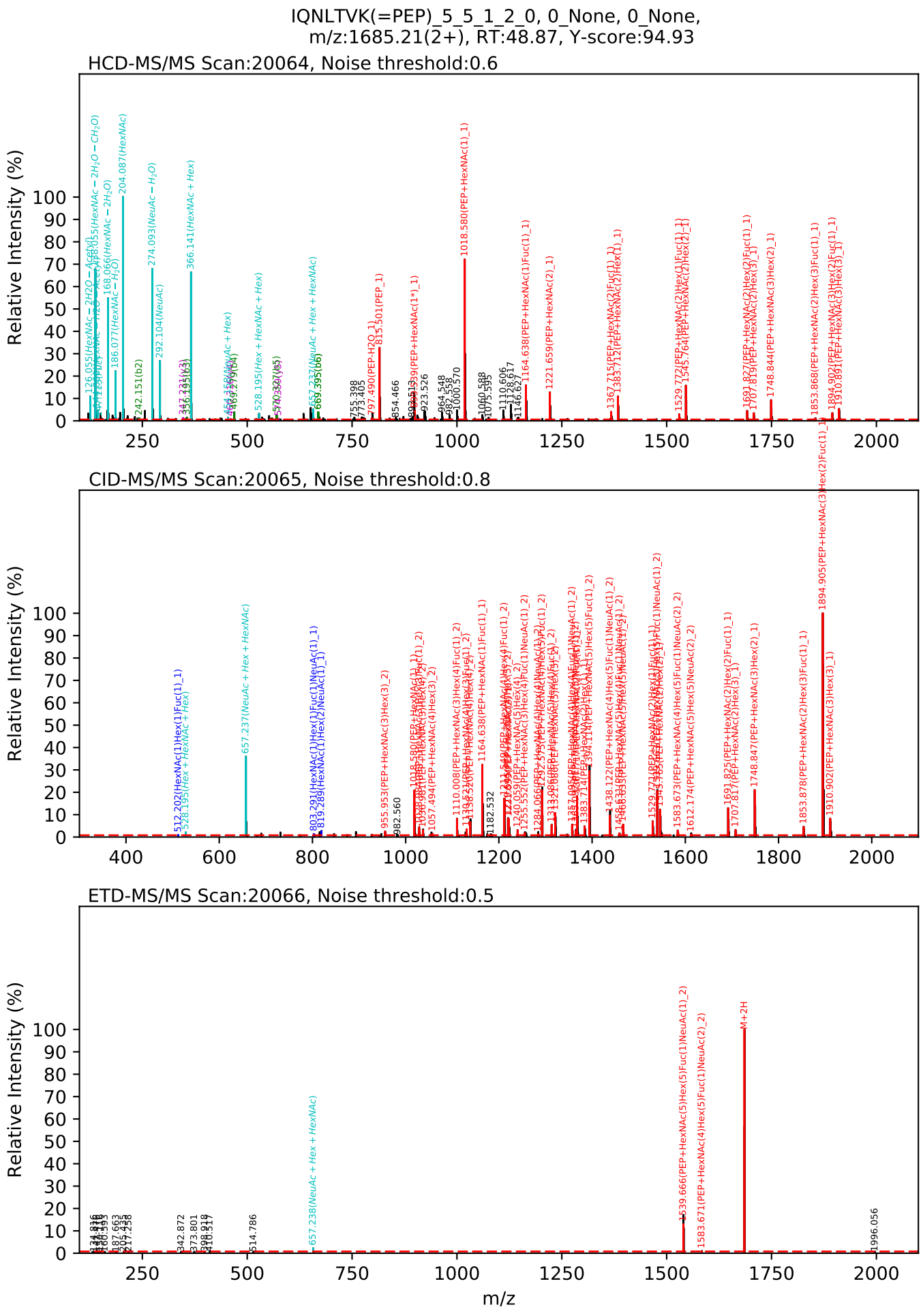

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:27.24, Y-score:97.72
HCD-MS/MS Scan:9157, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
356.195(b3)
366.142(HexNAc + Hex)
469.280(b4)
528.198(Hex + HexNAc + Hex)
669.399(b6)
815.503(PEP_1)
898.542
1018.584(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.776(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:9158, Noise threshold:1.5
Relative Intensity (%)
955.958(PEP+HexNAc(3)Hex(3)_2)
1018.584(PEP+HexNAc(1)_1)
1110.015(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1138.522(PEP+HexNAc(4)Hex(4)_2)
1164.643(PEP+HexNAc(1)Fuc(1)_1)
1292.576(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1367.722(PEP+HexNAc(2)Fuc(1)_1)
1529.776(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1707.829(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1894.908(PEP+HexNAc(3)Hex(2)Fuc(1)_1)
ETD-MS/MS Scan:9159, Noise threshold:0.6
Relative Intensity (%)
M+2H
1344.835
356.496
401.190
422.182
292.935
m/z

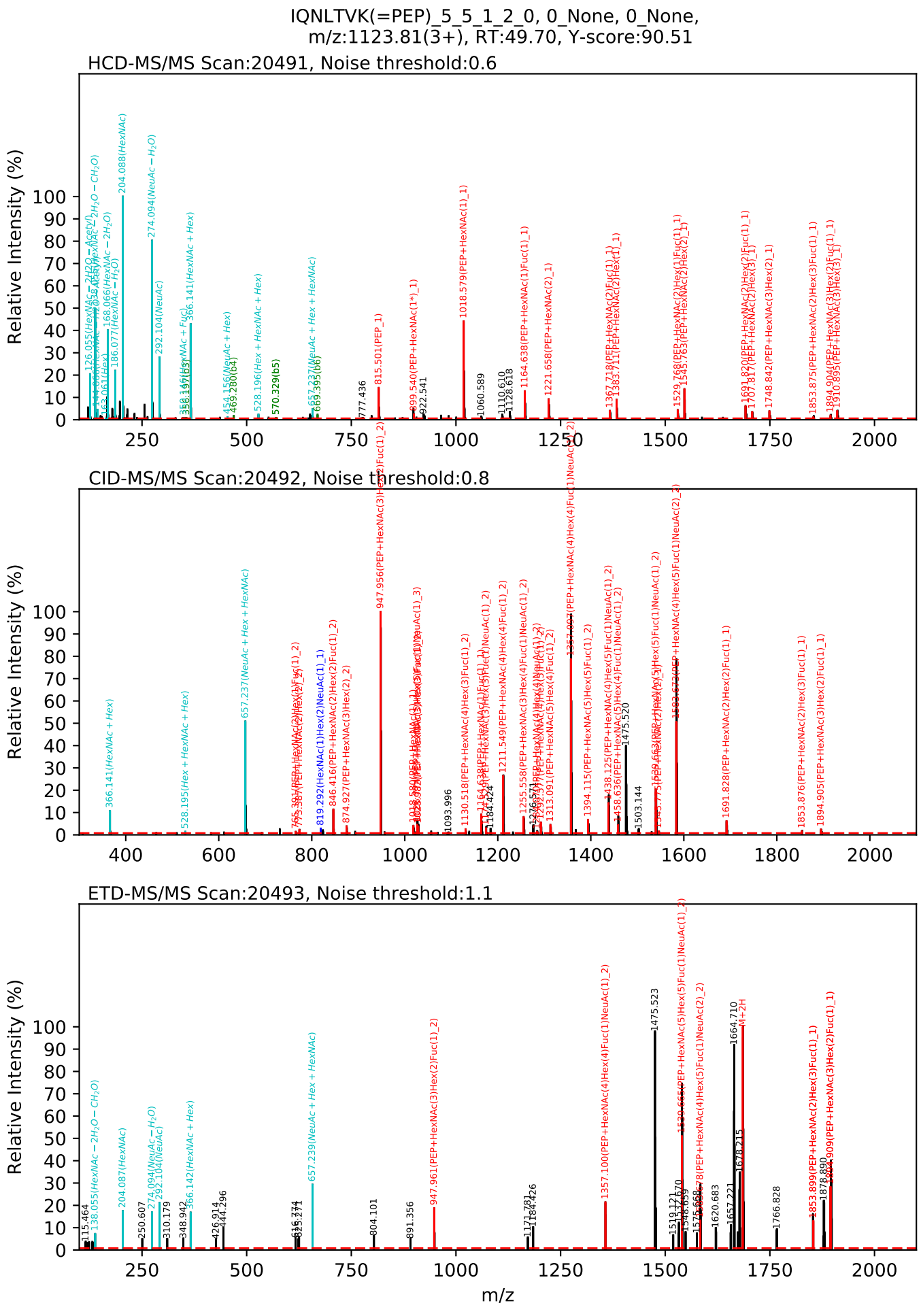

IQNLTVK(=PEP)_5_5_1_1_0, 0_None, 0_None,
m/z:1539.66(2+), RT:36.13, Y-score:91.84
HCD-MS/MS Scan:13674, Noise threshold:0.6
CID-MS/MS Scan:13675, Noise threshold:0.7
ETD-MS/MS Scan:13676, Noise threshold:0.8
Relative Intensity (%)
m/z

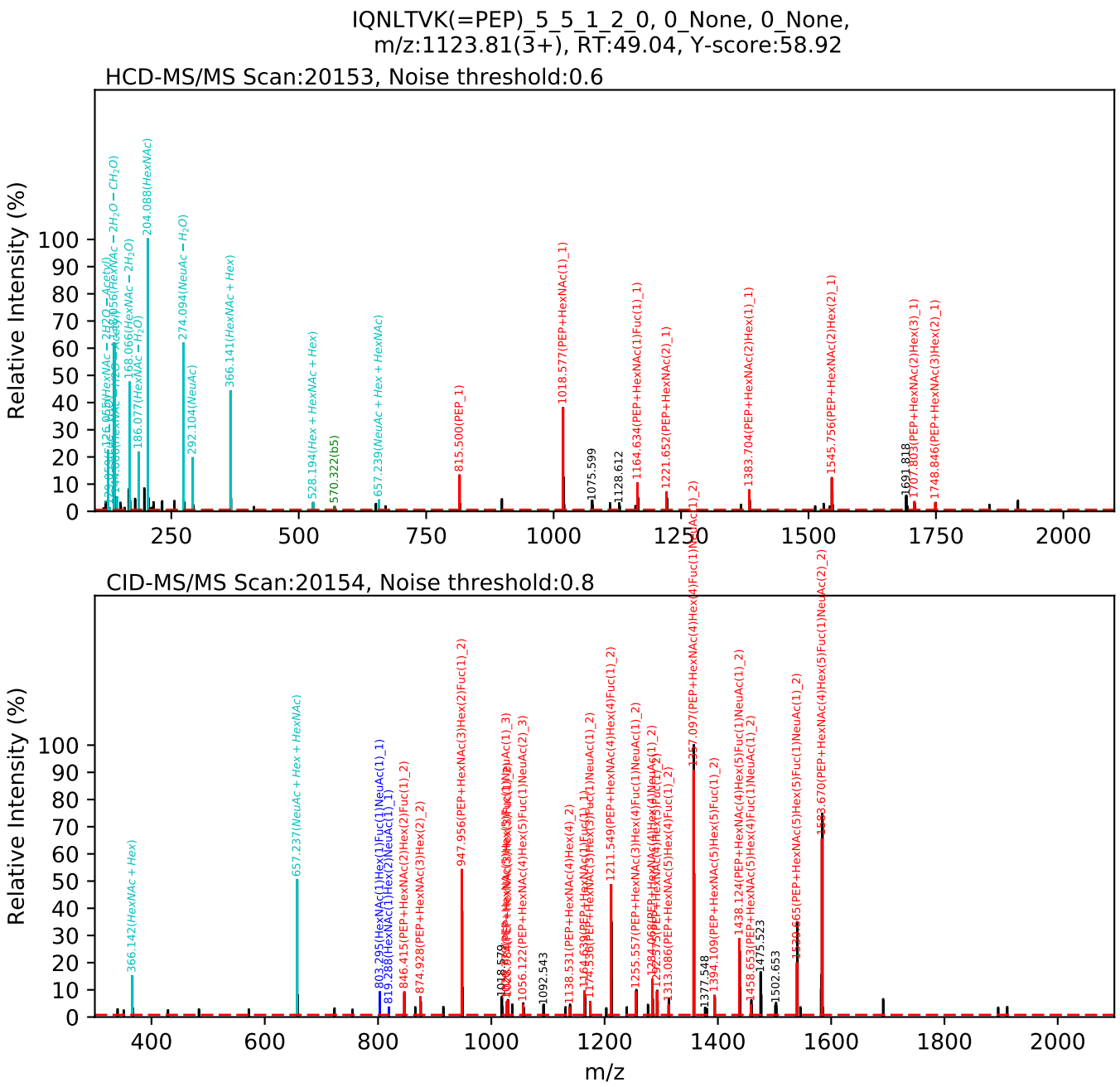

IQNLTVK(=PEP)_5_5_1_1_0, 0_None, 0_None,
m/z:1026.78(3+), RT:35.85, Y-score:62.61
HCD-MS/MS Scan:13532, Noise threshold:0.6
CID-MS/MS Scan:13533, Noise threshold:0.7
ETD-MS/MS Scan:13534, Noise threshold:1.3
Relative Intensity (%)
m/z

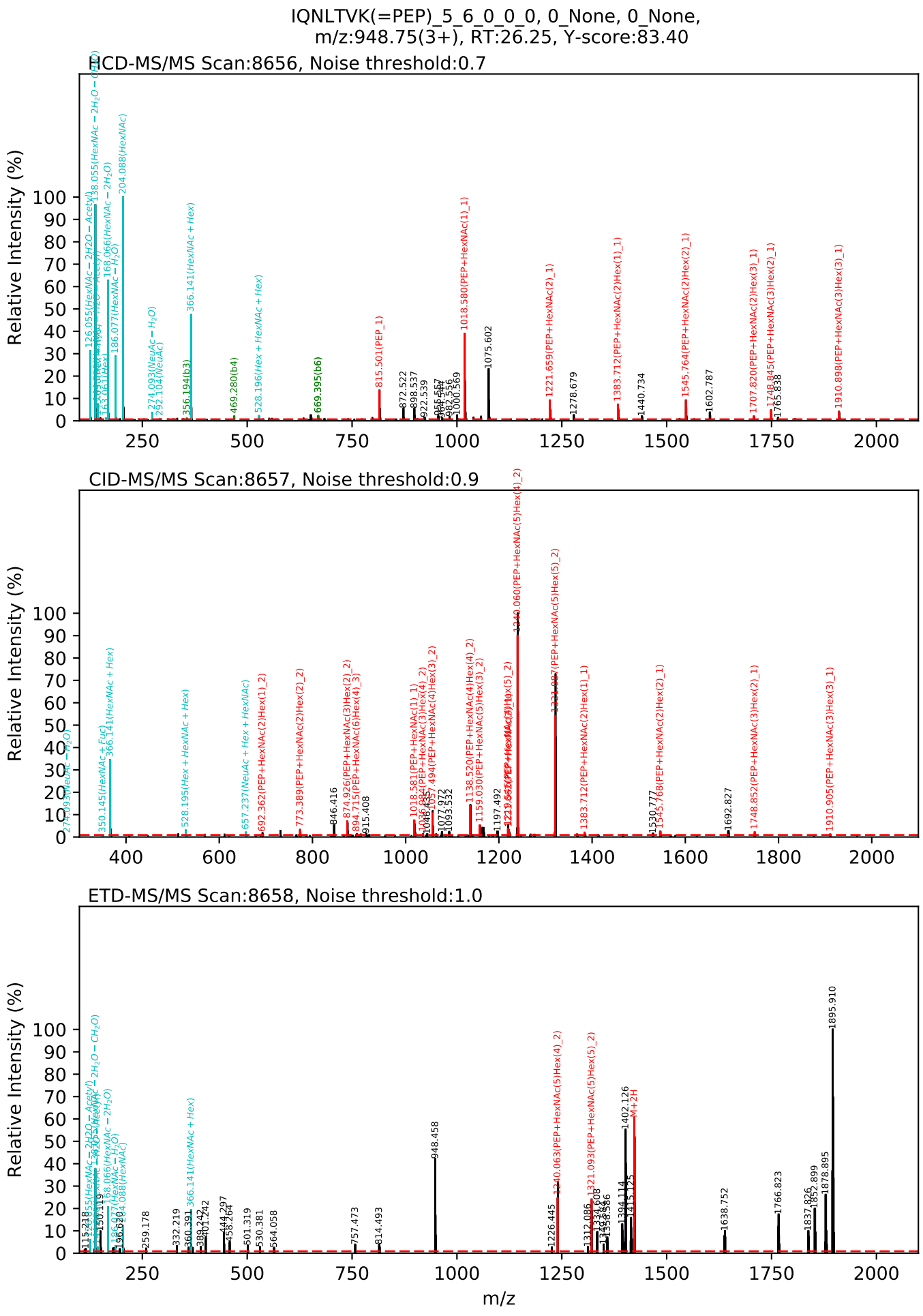

IQNLTVK(=PEP)_5_5_1_1_0, 0_None, 0_None,
m/z:1026.77(3+), RT:37.37, Y-score:59.79
HCD-MS/MS Scan:14321, Noise threshold:0.7
CID-MS/MS Scan:14319, Noise threshold:0.7
ETD-MS/MS Scan:14320, Noise threshold:1.3
Relative Intensity (%)
m/z

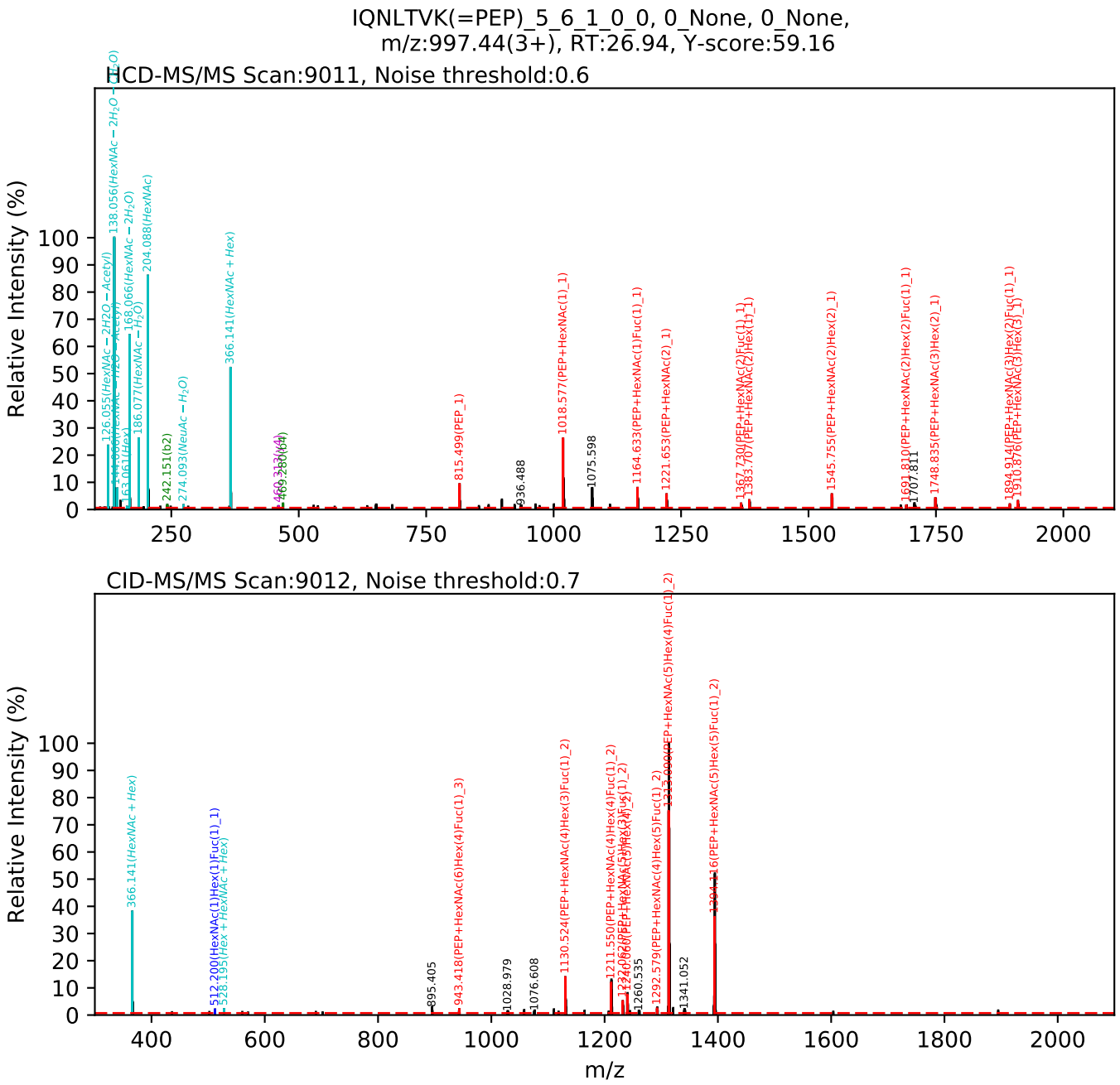

IQNLTVK(=PEP)_5_5_1_1_0, 0_None, 0_None,
m/z:1026.77(3+), RT:37.56, Y-score:61.84
HCD-MS/MS Scan:14423, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − CH2O)
138.056(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
815.500(PEP_1)
1018.578(PEP+HexNAc(1)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1221.652(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:14424, Noise threshold:1.1
Relative Intensity (%)
292.105(NeuAc)
366.142(HexNAc + Hex)
657.238(NeuAc + Hex + HexNAc)
819.290(HexNAc(1)Hex(2)NeuAc(1)_1)
930.083
947.958(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
955.960(PEP+HexNAc(3)Hex(3)_2)
1036.987(PEP+HexNAc(3)Hex(4)_2)
1102.514
1113.013(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1131.024
1139.014
1182.535(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1211.552(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1220.043
1292.578(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1313.093(PEP+HexNAc(5)Hex(4)Fuc(1)_2)
1365.099(PEP+HexNAc(4)Hex(4)Fuc(1)NeuAc(1)_2)
1394.121(PEP+HexNAc(5)Hex(5)Fuc(1)_2)
1438.129(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(1)_2)
1709.834
m/z

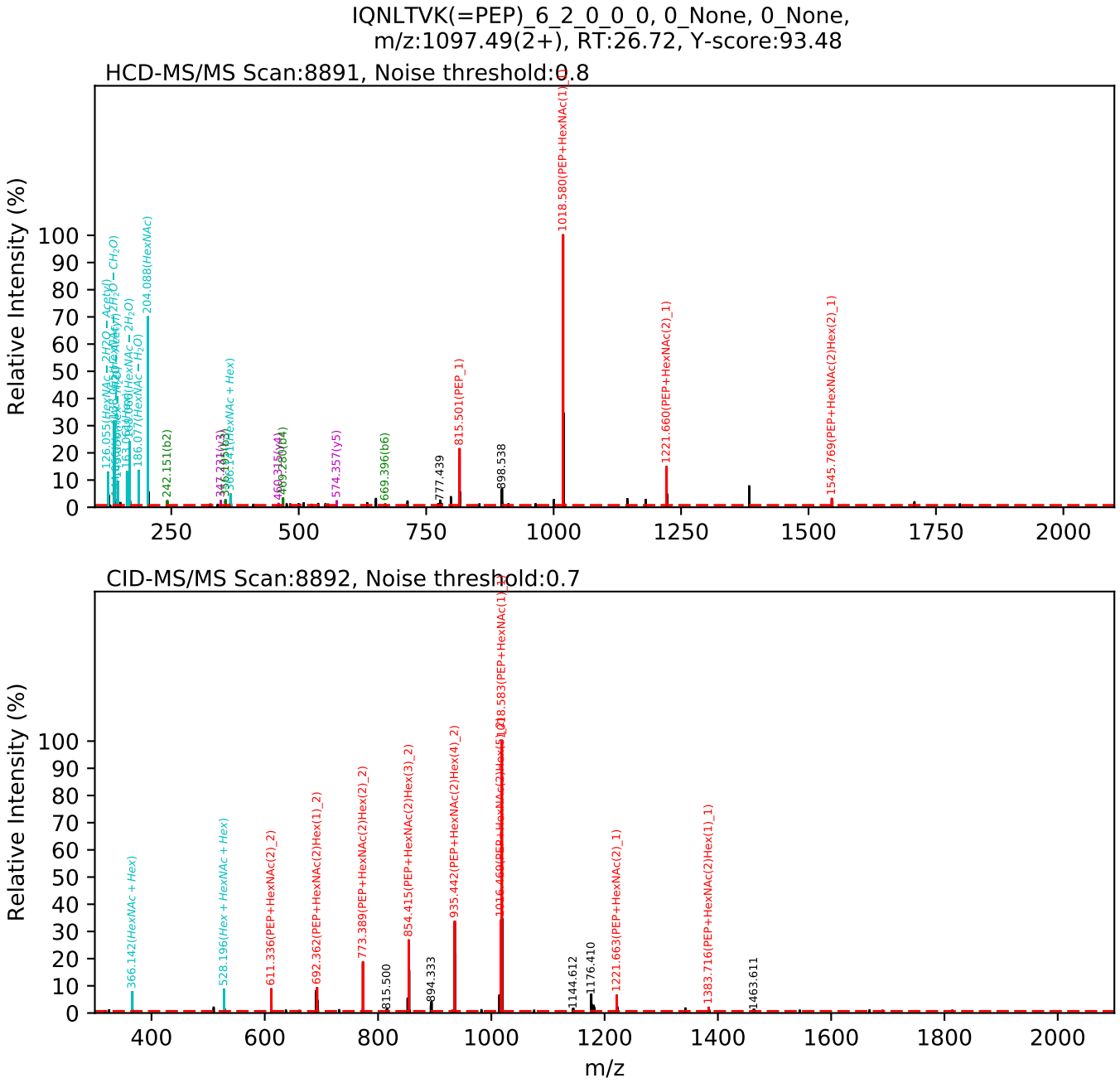

IQNLTVK(=PEP)_5_5_1_2_0, 0_None, 0_None,
m/z:1685.21(2+), RT:48.87, Y-score:94.93
HCD-MS/MS Scan:20064, Noise threshold:0.6
CID-MS/MS Scan:20065, Noise threshold:0.8
ETD-MS/MS Scan:20066, Noise threshold:0.5
Relative Intensity (%)
m/z

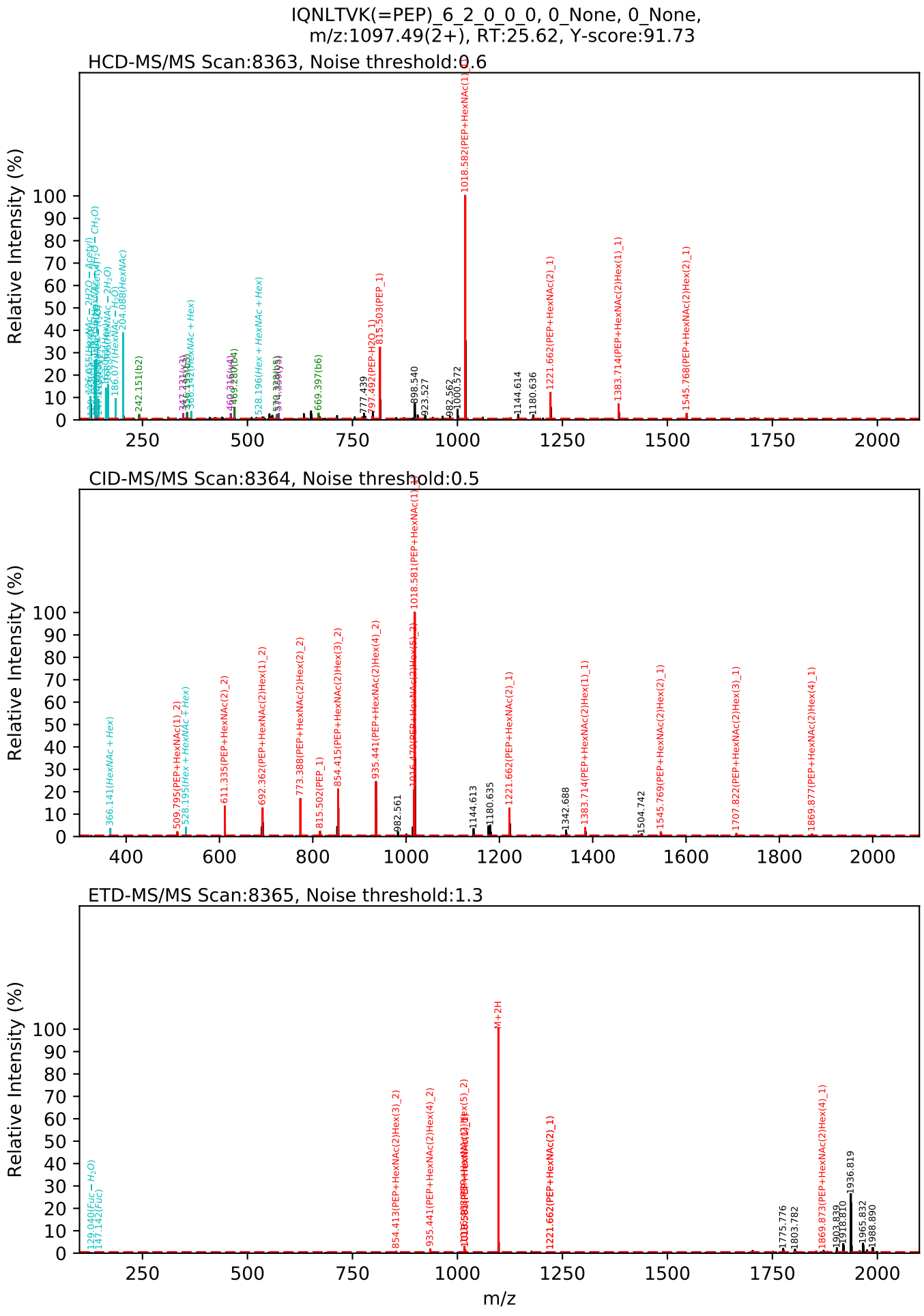

IQNLTVK(=PEP)_5_5_1_2_0, 0_None, 0_None,
m/z:1123.81(3+), RT:49.70, Y-score:90.51
HCD-MS/MS Scan:20491, Noise threshold:0.6
CID-MS/MS Scan:20492, Noise threshold:0.8
ETD-MS/MS Scan:20493, Noise threshold:1.1
Relative Intensity (%)
m/z

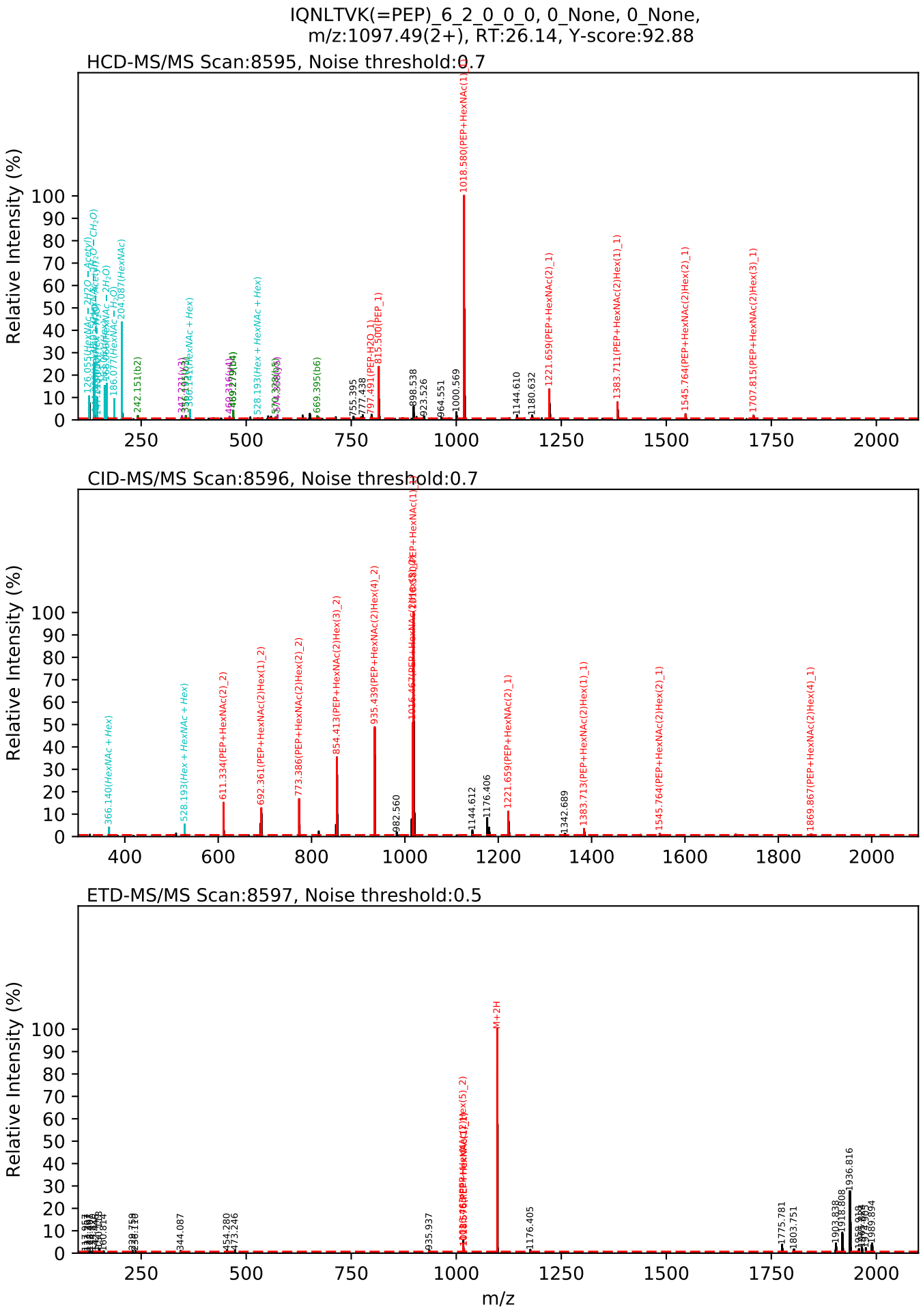

IQNLTVK(=PEP)_5_5_1_2_0, 0_None, 0_None,
m/z:1123.81(3+), RT:49.04, Y-score:58.92
HCD-MS/MS Scan:20153, Noise threshold:0.6
Relative Intensity (%)
204.088(HexNAc)
186.077(HexNAc − 2H2O)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
570.322(b5)
657.239(NeuAc + Hex + HexNAc)
815.500(PEP_1)
1018.577(PEP+HexNAc(1)_1)
1075.599
1128.612
1164.634(PEP+HexNAc(1)Fuc(1)_1)
1221.652(PEP+HexNAc(2)_1)
1383.704(PEP+HexNAc(2)Hex(1)_1)
1545.756(PEP+HexNAc(2)Hex(2)_1)
1691.818
1707.813(PEP+HexNAc(2)Hex(3)_1)
1748.846(PEP+HexNAc(3)Hex(2)_1)
CID-MS/MS Scan:20154, Noise threshold:0.8
Relative Intensity (%)
366.142(HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
803.295(HexNAc(1)Hex(1)Fuc(1)NeuAc(1)_1)
819.288(HexNAc(1)Hex(2)NeuAc(1)_1)
846.415(PEP+HexNAc(2)Hex(2)Fuc(1)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
947.956(PEP+HexNAc(3)Hex(2)Fuc(1)_2)
1056.122(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(2)_3)
1092.543
1138.531(PEP+HexNAc(4)Hex(4)_2)
1211.549(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1255.557(PEP+HexNAc(3)Hex(4)Fuc(1)NeuAc(1)_2)
1313.086(PEP+HexNAc(5)Hex(4)Fuc(1)_2)
1377.548
1394.109(PEP+HexNAc(5)Hex(5)Fuc(1)_2)
1438.124(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(1)_2)
1458.653(PEP+HexNAc(5)Hex(4)Fuc(1)NeuAc(1)_2)
1475.523
1502.653
1530.665(PEP+HexNAc(5)Hex(5)Fuc(1)NeuAc(1)_2)
1583.670(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(2)_2)
m/z

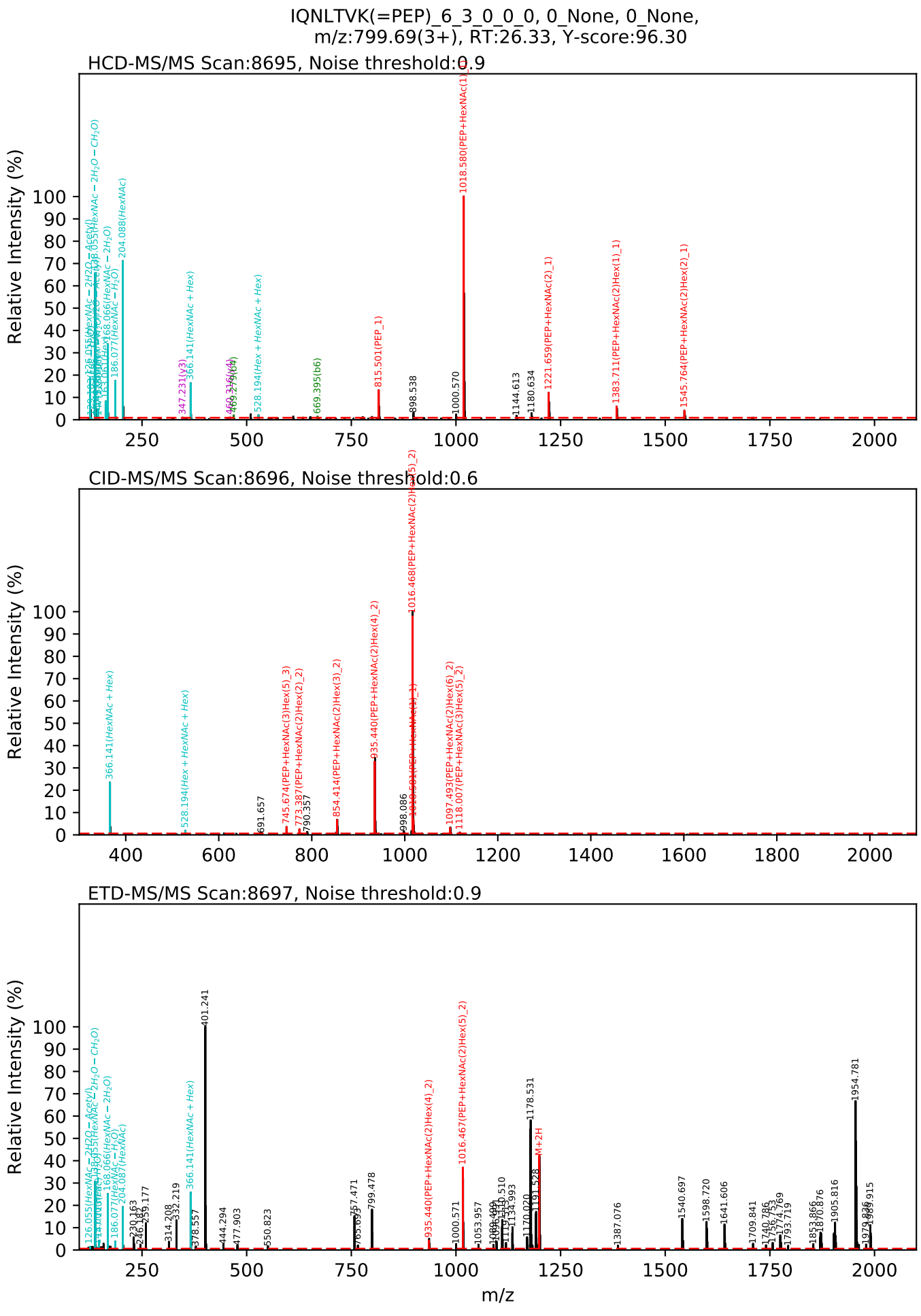

IQNLTVK(=PEP)_5_6_0_0_0, 0_None, 0_None,
m/z:948.75(3+), RT:26.25, Y-score:83.40
HCD-MS/MS Scan:8656, Noise threshold:0.7
CID-MS/MS Scan:8657, Noise threshold:0.9
ETD-MS/MS Scan:8658, Noise threshold:1.0
Relative Intensity (%)
m/z

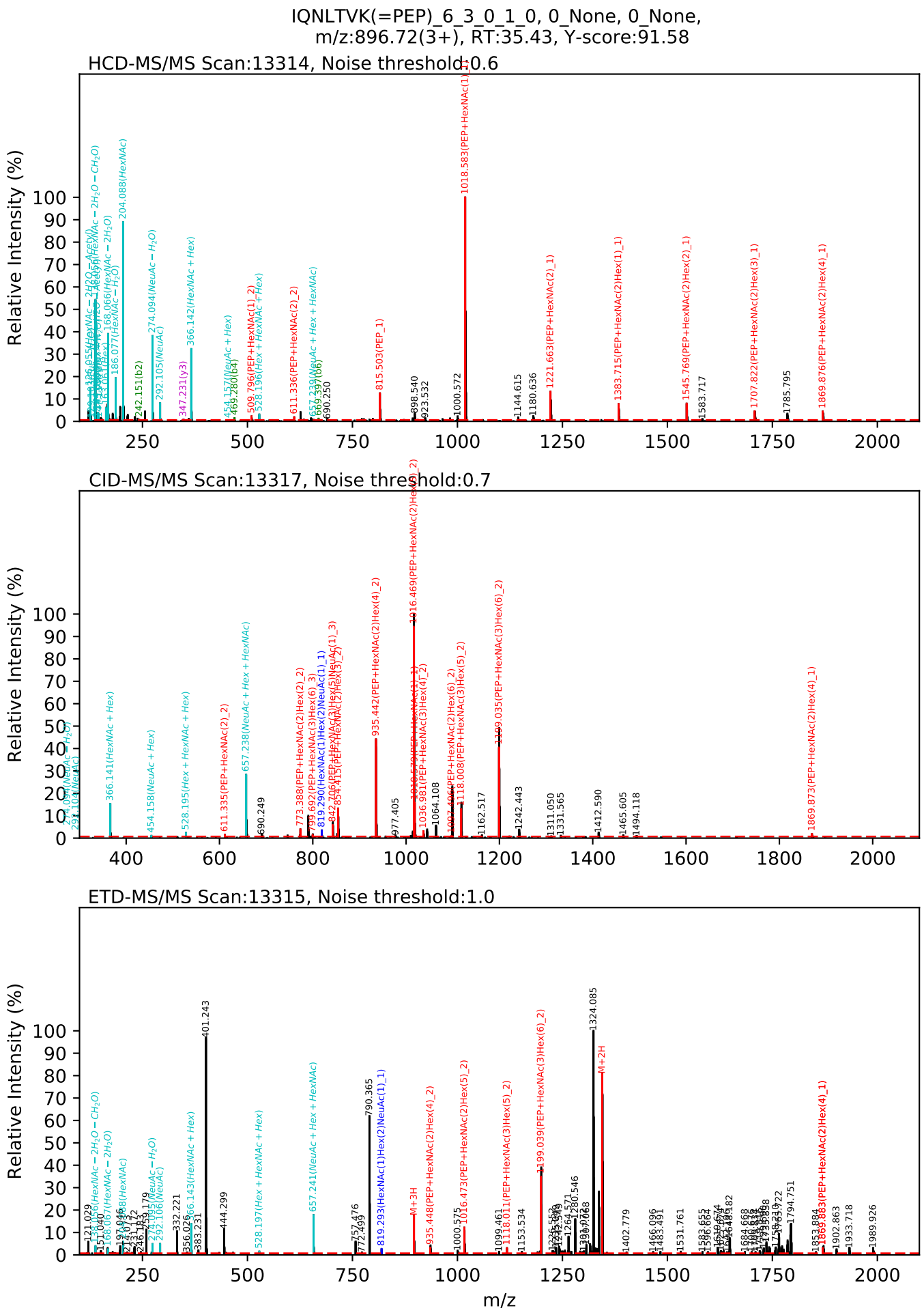

IQNLTVK(=PEP)_5_6_1_0_0, 0_None, 0_None,
m/z:997.44(3+), RT:26.94, Y-score:59.16
HCD-MS/MS Scan:9011, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
204.088(HexNAc)
186.077(HexNAc − H2O)
168.066(HexNAc − 2H2O)
138.056(HexNAc − 2H2O − Acetyl)
126.055(HexNAc − 2H2O − Acetyl)
242.151(b2)
274.093(NeuAc − H2O)
815.499(PEP_1)
936.488
1018.577(PEP+HexNAc(1)_1)
1075.598
1164.633(PEP+HexNAc(1)Fuc(1)_1)
1221.653(PEP+HexNAc(2)_1)
1545.755(PEP+HexNAc(2)Hex(2)_1)
1748.835(PEP+HexNAc(3)Hex(2)_1)
m/z
CID-MS/MS Scan:9012, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
528.195(Hex + HexNAc + Hex)
895.405
943.418(PEP+HexNAc(6)Hex(4)Fuc(1)_3)
1028.979
1076.608
1130.524(PEP+HexNAc(4)Hex(3)Fuc(1)_2)
1211.550(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1260.535
1292.579(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1341.052
1384.116(PEP+HexNAc(5)Hex(5)Fuc(1)_2)
m/z

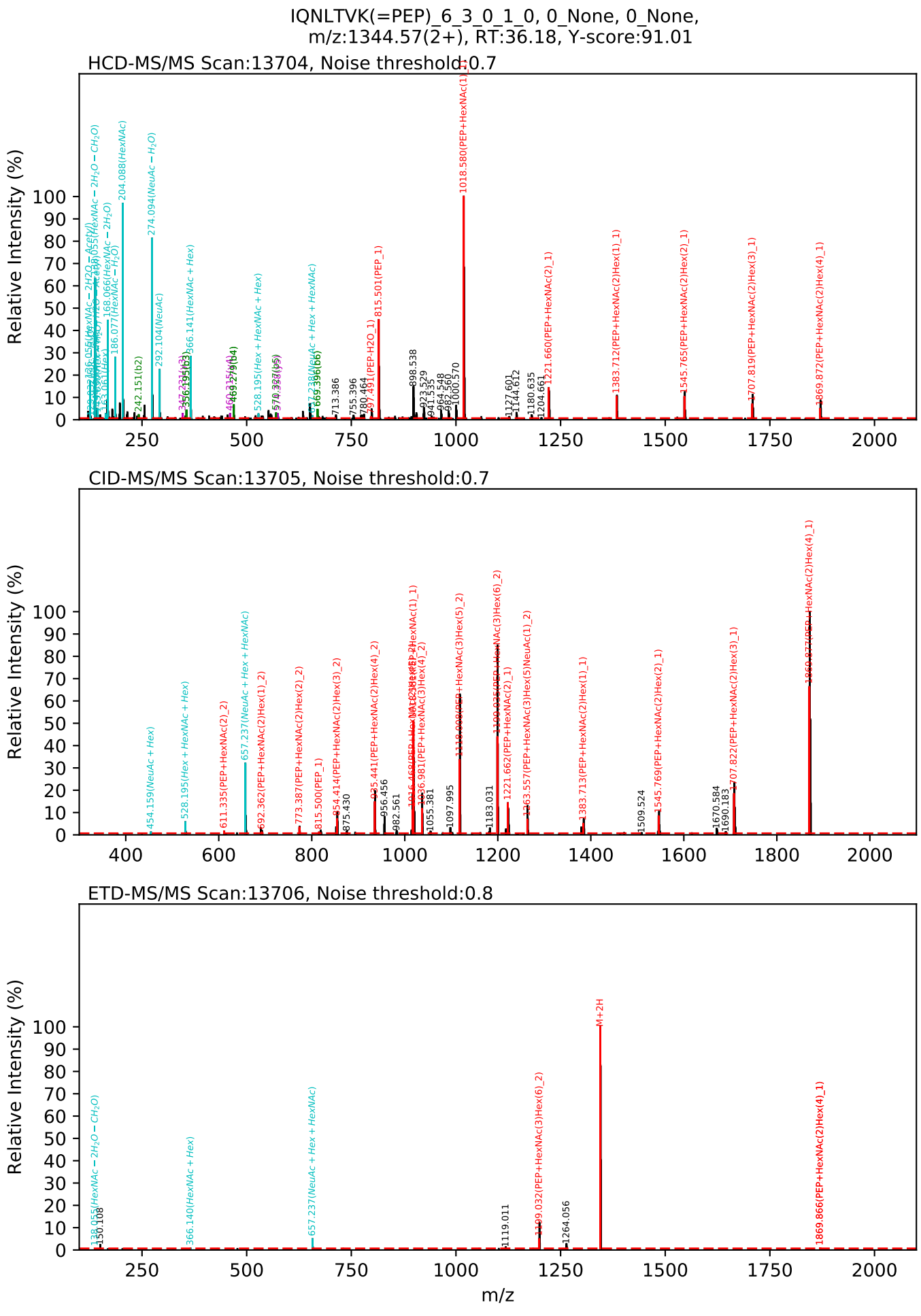

IQNLTVK(=PEP)_6_2_0_0_0, 0_None, 0_None,
m/z:1097.49(2+), RT:26.72, Y-score:93.48
HCD-MS/MS Scan:8891, Noise threshold:0.8
Relative Intensity (%)
1018.580(PEP+HexNAc(1))
1221.660(PEP+HexNAc(2)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
204.088(HexNAc)
242.151(b2)
574.357(y5)
669.396(b6)
777.439
815.501(PEP_1)
898.538
CID-MS/MS Scan:8892, Noise threshold:0.7
Relative Intensity (%)
m/z
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
611.336(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
815.500
854.415(PEP+HexNAc(2)Hex(3)_2)
894.333
935.442(PEP+HexNAc(2)Hex(4)_2)
1144.612
1176.410
1221.663(PEP+HexNAc(2)_1)
1383.716(PEP+HexNAc(2)Hex(1)_1)
1463.611

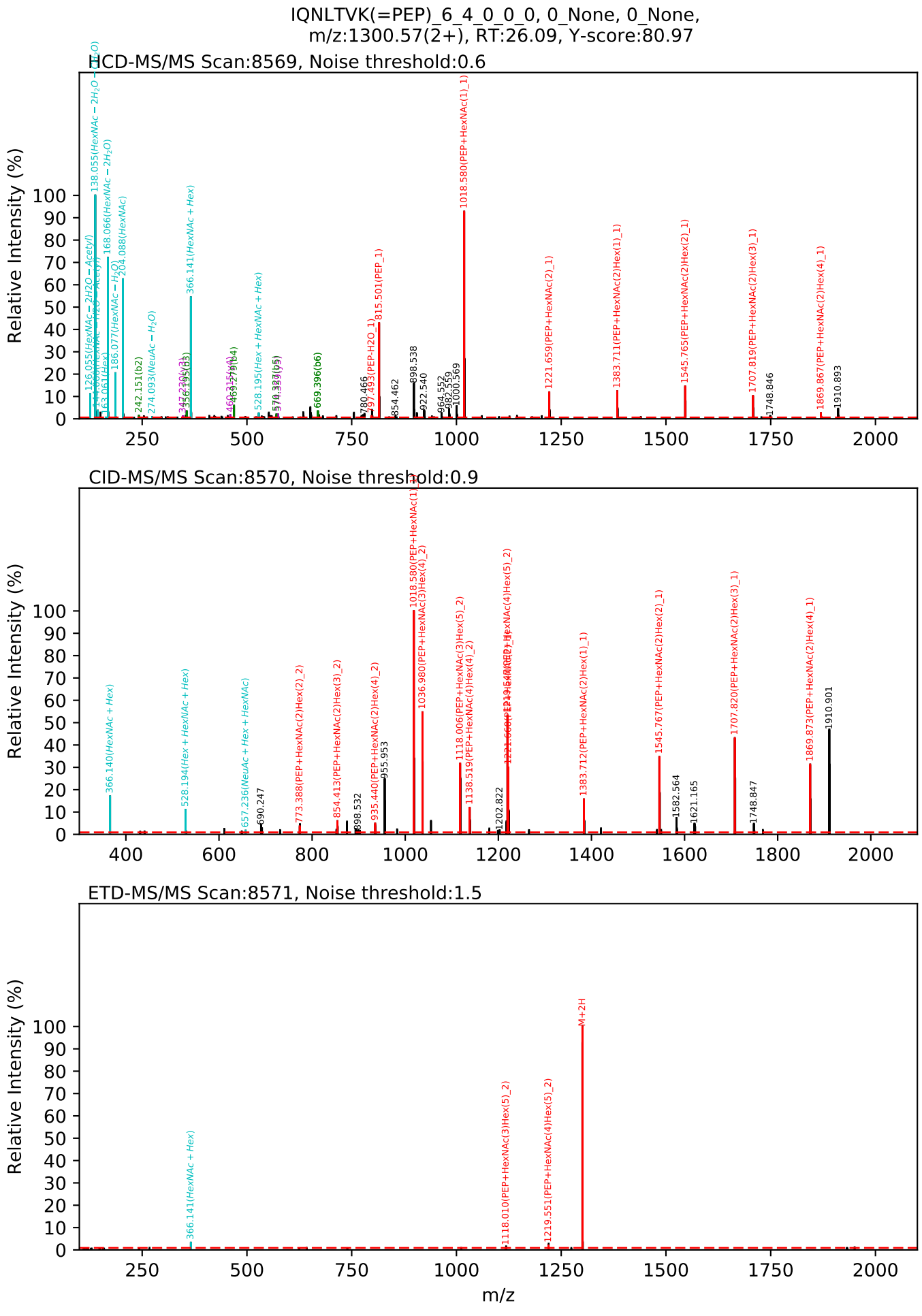

IQNLTVK(=PEP)_6_2_0_0_0, 0_None, 0_None,
m/z:1097.49(2+), RT:25.62, Y-score:91.73
HCD-MS/MS Scan:8363, Noise threshold:0.6
CID-MS/MS Scan:8364, Noise threshold:0.5
ETD-MS/MS Scan:8365, Noise threshold:1.3
Relative Intensity (%)
m/z
M+2H
1018.582(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1018.581(PEP+HexNAc(1)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
935.441(PEP+HexNAc(2)Hex(4)_2)
1869.873(PEP+HexNAc(2)Hex(4)_1)

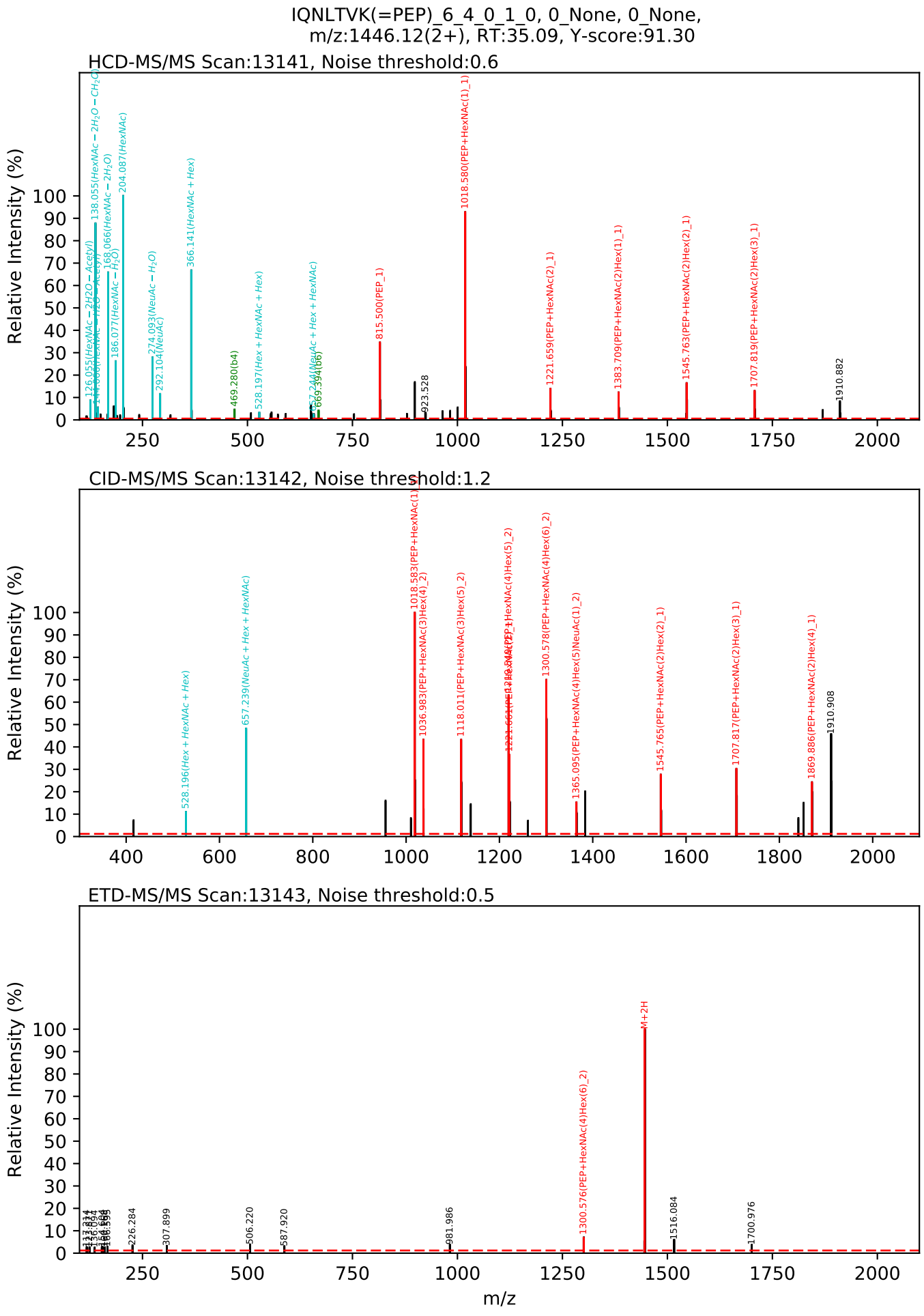

IQNLTVK(=PEP)_6_2_0_0_0, 0_None, 0_None,
m/z:1097.49(2+), RT:26.14, Y-score:92.88
HCD-MS/MS Scan:8595, Noise threshold:0.7
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.815(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:8596, Noise threshold:0.7
Relative Intensity (%)
366.140(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.386(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
935.439(PEP+HexNAc(2)Hex(4)_2)
1221.659(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1869.867(PEP+HexNAc(2)Hex(4)_1)
ETD-MS/MS Scan:8597, Noise threshold:0.5
Relative Intensity (%)
M+2H
1176.405
m/z

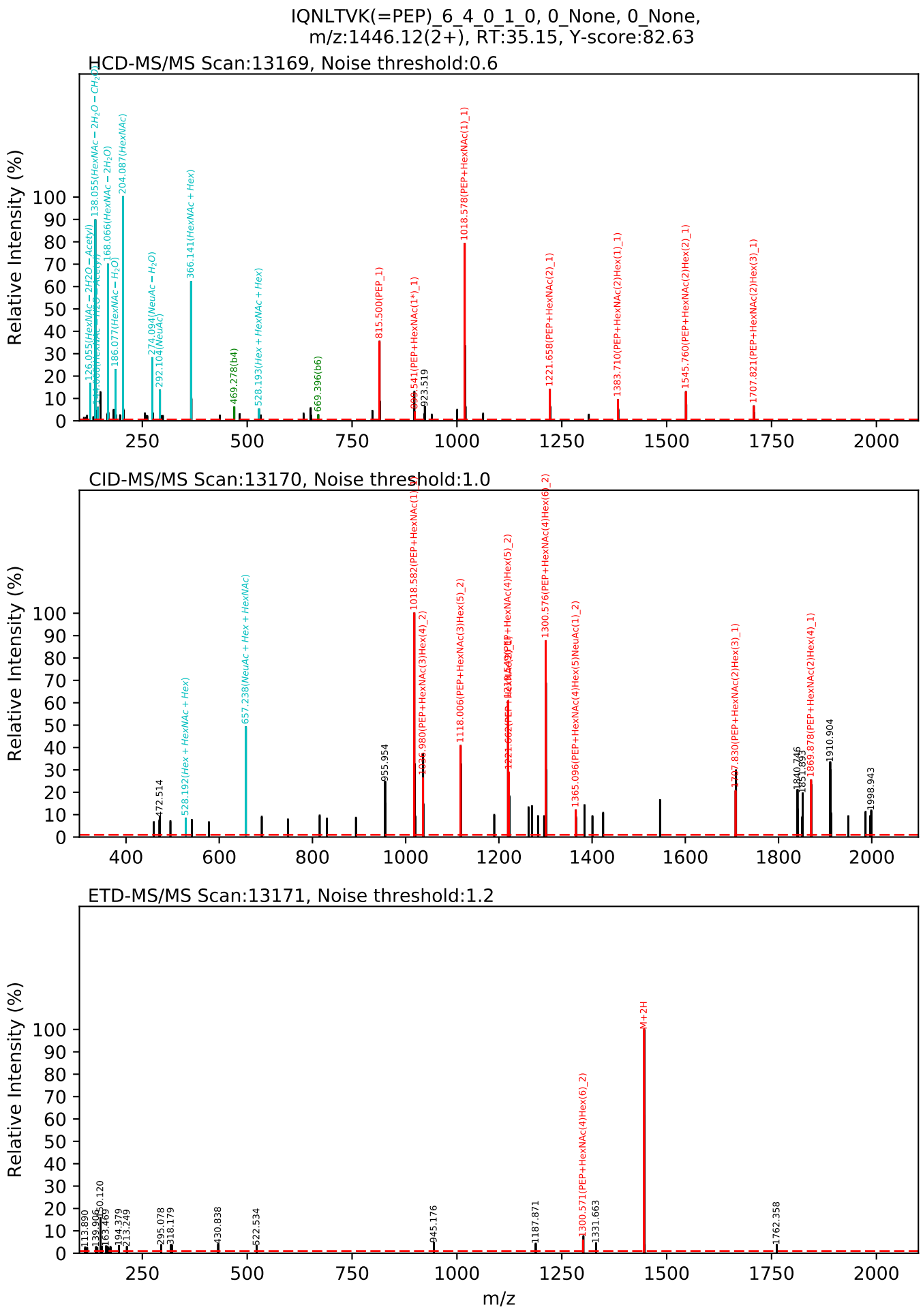

IQNLTVK(=PEP)_6_3_0_0_0, 0_None, 0_None,
m/z:799.69(3+), RT:26.33, Y-score:96.30
HCD-MS/MS Scan:8695, Noise threshold:0.9
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
204.088(HexNAc)
347.231(y3)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
669.395(b6)
815.501(PEP_1)
898.538
1000.570
1144.613
1180.634
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:8696, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
691.657
745.674(PEP+HexNAc(3)Hex(5)_3)
773.387(PEP+HexNAc(2)Hex(2)_2)
790.357
854.414(PEP+HexNAc(2)Hex(3)_2)
935.440(PEP+HexNAc(2)Hex(4)_2)
998.086
1016.468(PEP+HexNAc(2)Hex(5)_2)
1097.493(PEP+HexNAc(2)Hex(6)_2)
1118.007(PEP+HexNAc(3)Hex(5)_2)
ETD-MS/MS Scan:8697, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
401.241
799.478
935.440(PEP+HexNAc(2)Hex(4)_2)
1016.467(PEP+HexNAc(2)Hex(5)_2)
1178.531
M+2H
1540.697
1598.720
1641.606
1954.781
m/z

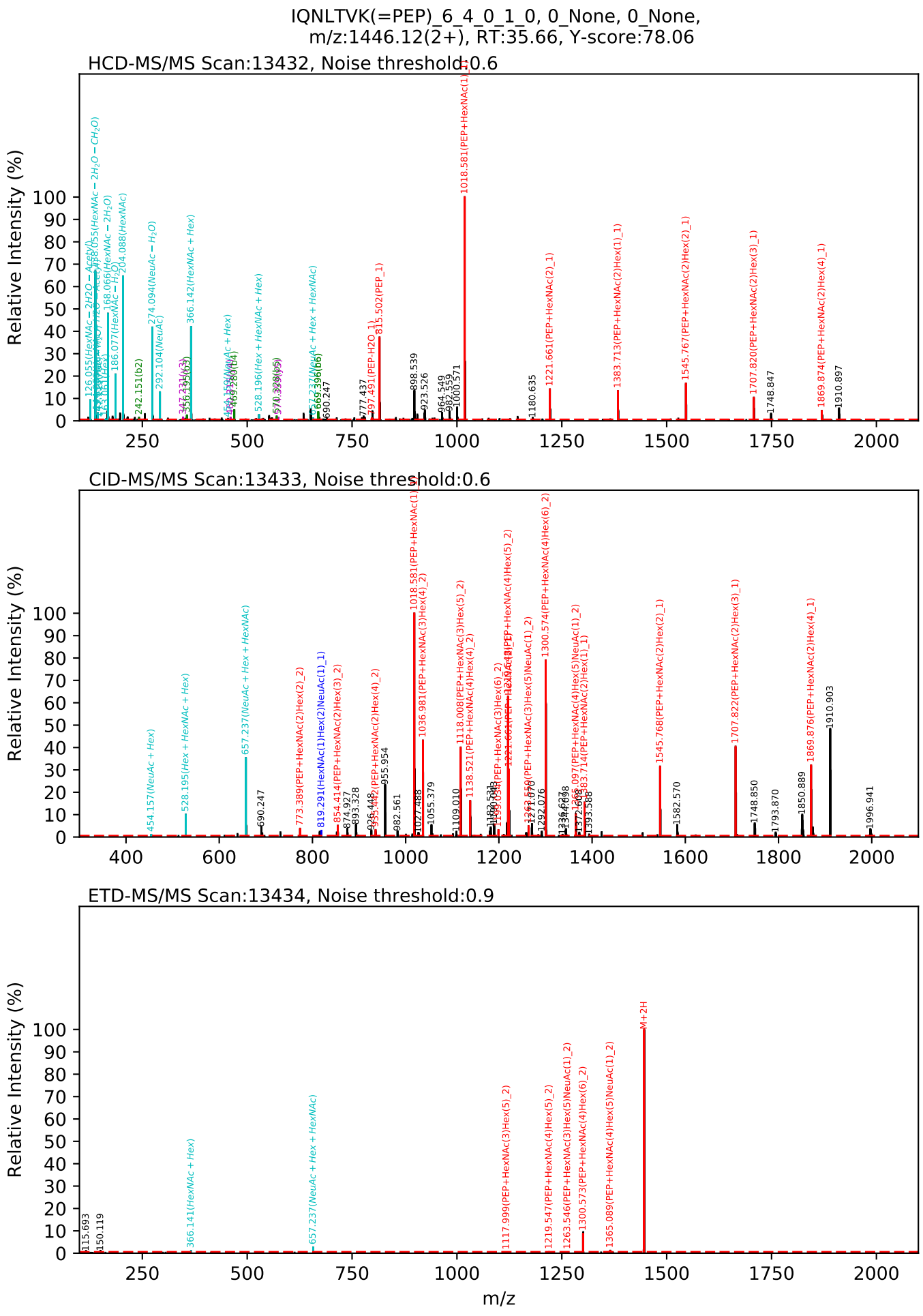

IQNLTVK(=PEP)_6_3_0_1_0, 0_None, 0_None,
m/z:896.72(3+), RT:35.43, Y-score:91.58
HCD-MS/MS Scan:13314, Noise threshold:0.6
CID-MS/MS Scan:13317, Noise threshold:0.7
ETD-MS/MS Scan:13315, Noise threshold:1.0
Relative Intensity (%)
m/z

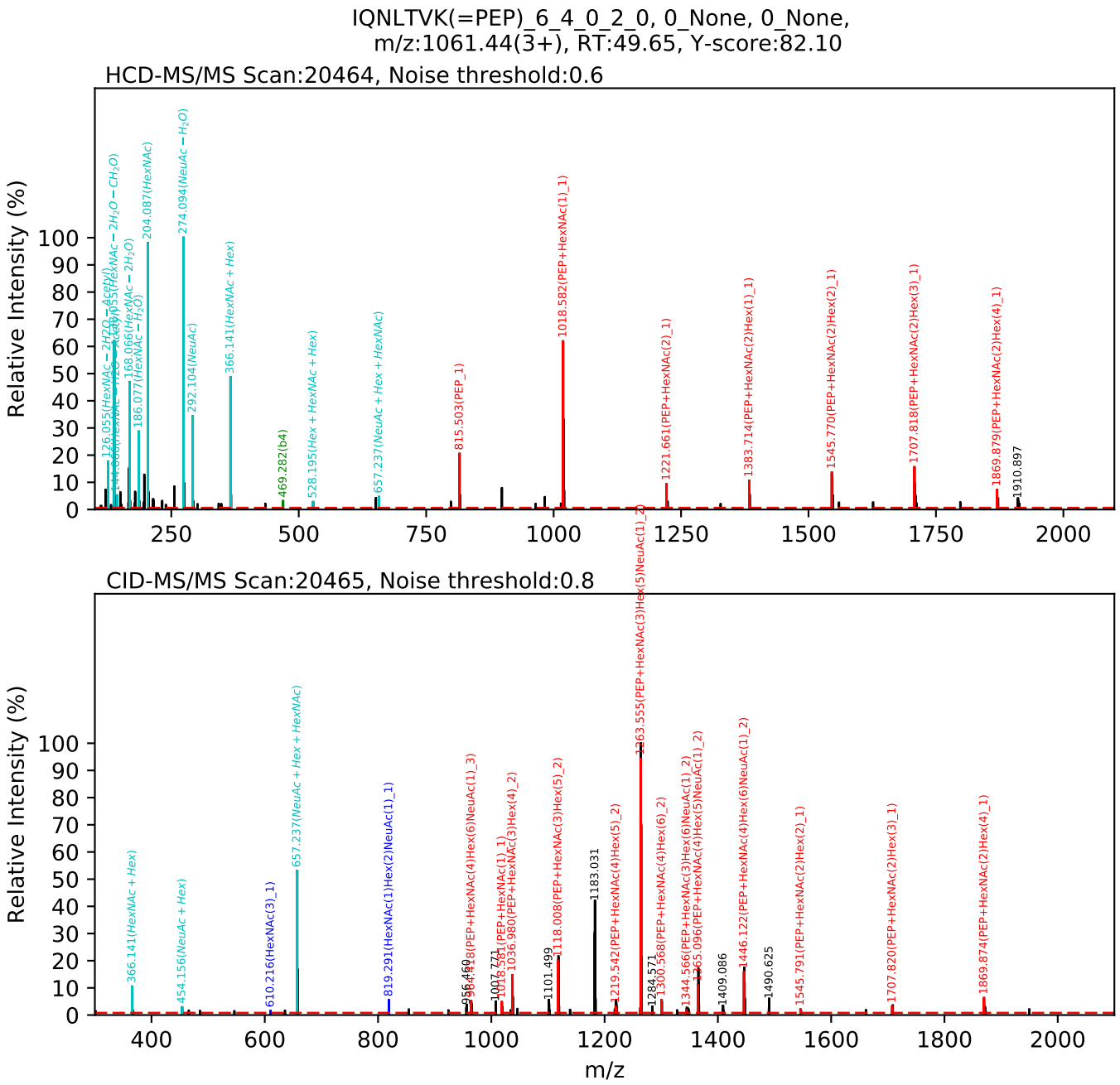

IQNLTVK(=PEP)_6_3_0_1_0, 0_None, 0_None,
m/z:1344.57(2+), RT:36.18, Y-score:91.01
HCD-MS/MS Scan:13704, Noise threshold:0.7
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1869.872(PEP+HexNAc(2)Hex(4)_1)
1221.660(PEP+HexNAc(2)_1)
274.094(NeuAc − H2O)
204.088(HexNAc)
292.104(NeuAc)
242.151(b2)
CID-MS/MS Scan:13705, Noise threshold:0.7
Relative Intensity (%)
454.159(NeuAc + Hex)
528.195(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
611.335(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
815.500(PEP_1)
935.441(PEP+HexNAc(2)Hex(4)_2)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1221.662(PEP+HexNAc(2)_1)
1363.557(PEP+HexNAc(3)Hex(5)NeuAc(1)_2)
ETD-MS/MS Scan:13706, Noise threshold:0.8
Relative Intensity (%)
M+2H
1869.866(PEP+HexNAc(2)Hex(4)_1)
1119.011
1264.056
366.140(HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
m/z

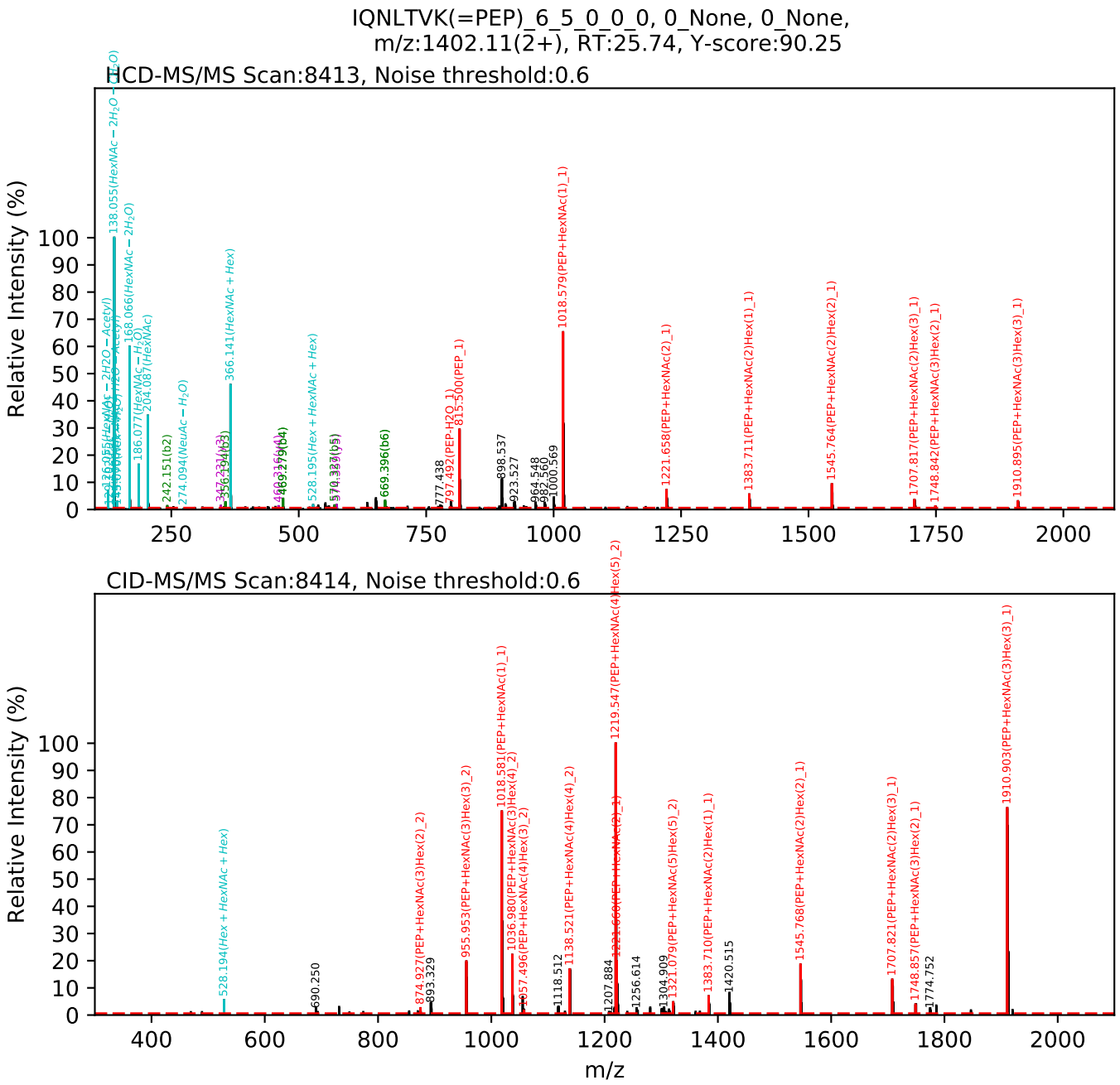

IQNLTVK(=PEP)_6_4_0_0_0, 0_None, 0_None,
m/z:1300.57(2+), RT:26.09, Y-score:80.97
HCD-MS/MS Scan:8569, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
274.093(NeuAc − H2O)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
669.396(b6)
815.501(PEP_1)
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1748.846
1869.867(PEP+HexNAc(2)Hex(4)_1)
1910.893
CID-MS/MS Scan:8570, Noise threshold:0.9
Relative Intensity (%)
366.140(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
690.247
773.388(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
935.440(PEP+HexNAc(2)Hex(4)_2)
955.953
1036.980(PEP+HexNAc(3)Hex(4)_2)
1118.006(PEP+HexNAc(3)Hex(5)_2)
1138.519(PEP+HexNAc(4)Hex(4)_2)
1202.822
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1582.564
1621.165
1707.820(PEP+HexNAc(2)Hex(3)_1)
1748.847
1869.873(PEP+HexNAc(2)Hex(4)_1)
1910.901
ETD-MS/MS Scan:8571, Noise threshold:1.5
Relative Intensity (%)
366.141(HexNAc + Hex)
1118.010(PEP+HexNAc(3)Hex(5)_2)
1219.551(PEP+HexNAc(4)Hex(5)_2)
M+2H
m/z

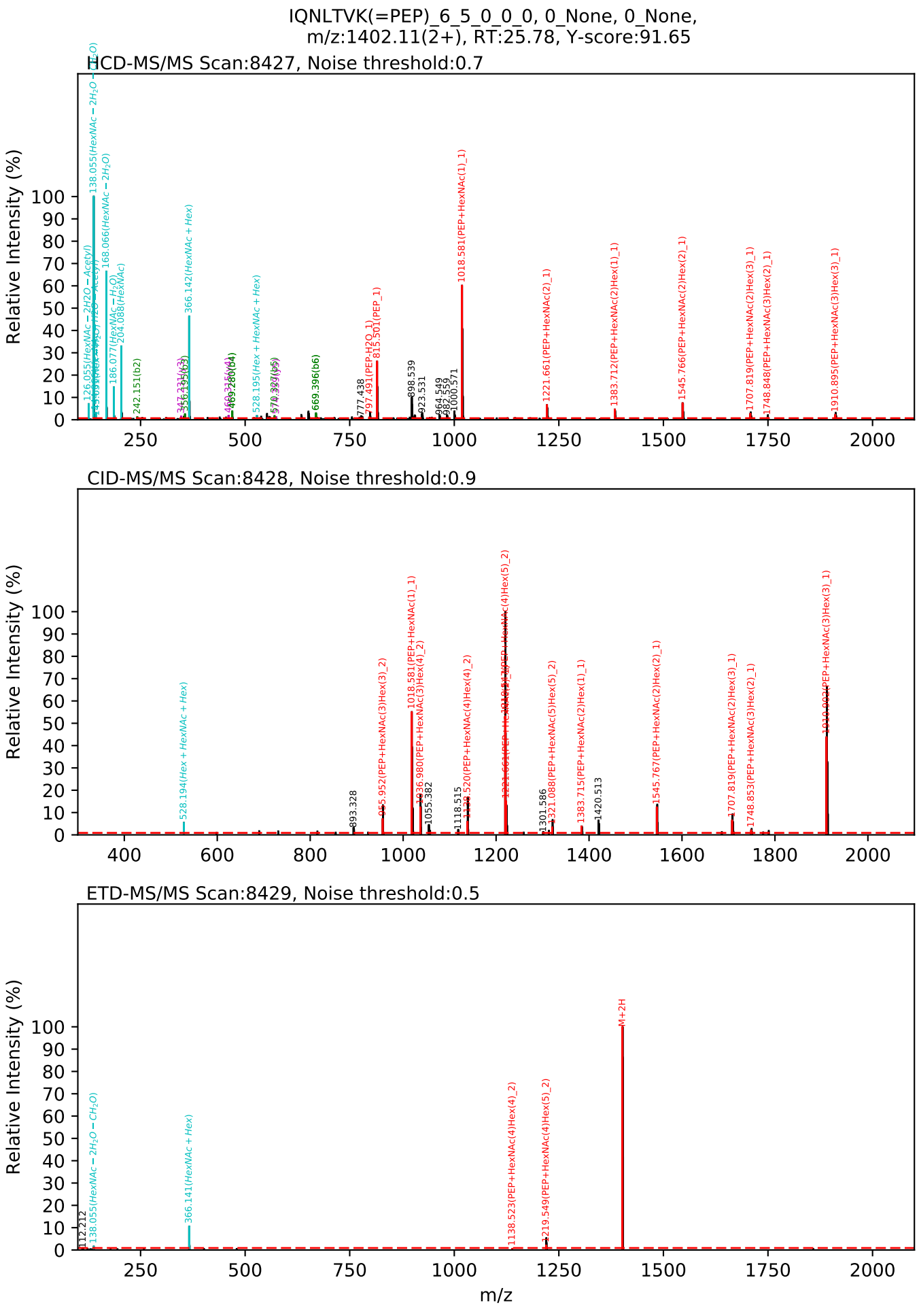

IQNLTVK(=PEP)_6_4_0_1_0, 0_None, 0_None,
m/z:1446.12(2+), RT:35.09, Y-score:91.30
HCD-MS/MS Scan:13141, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2CO)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.280(b4)
528.197(Hex + HexNAc + Hex)
669.394(b6)
815.500(PEP_1)
923.528
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.709(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1910.882
m/z
CID-MS/MS Scan:13142, Noise threshold:1.2
Relative Intensity (%)
528.196(Hex + HexNAc + Hex)
657.239(NeuAc + Hex + HexNAc)
1018.583(PEP+HexNAc(1)_2)
1036.983(PEP+HexNAc(3)Hex(4)_2)
1118.011(PEP+HexNAc(3)Hex(5)_2)
1300.578(PEP+HexNAc(4)Hex(6)_2)
1365.095(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1869.886(PEP+HexNAc(2)Hex(4)_1)
1910.908
m/z
ETD-MS/MS Scan:13143, Noise threshold:0.5
Relative Intensity (%)
226.284
307.899
506.220
587.920
981.986
1300.576(PEP+HexNAc(4)Hex(6)_2)
M+2H
1516.084
1700.976
m/z

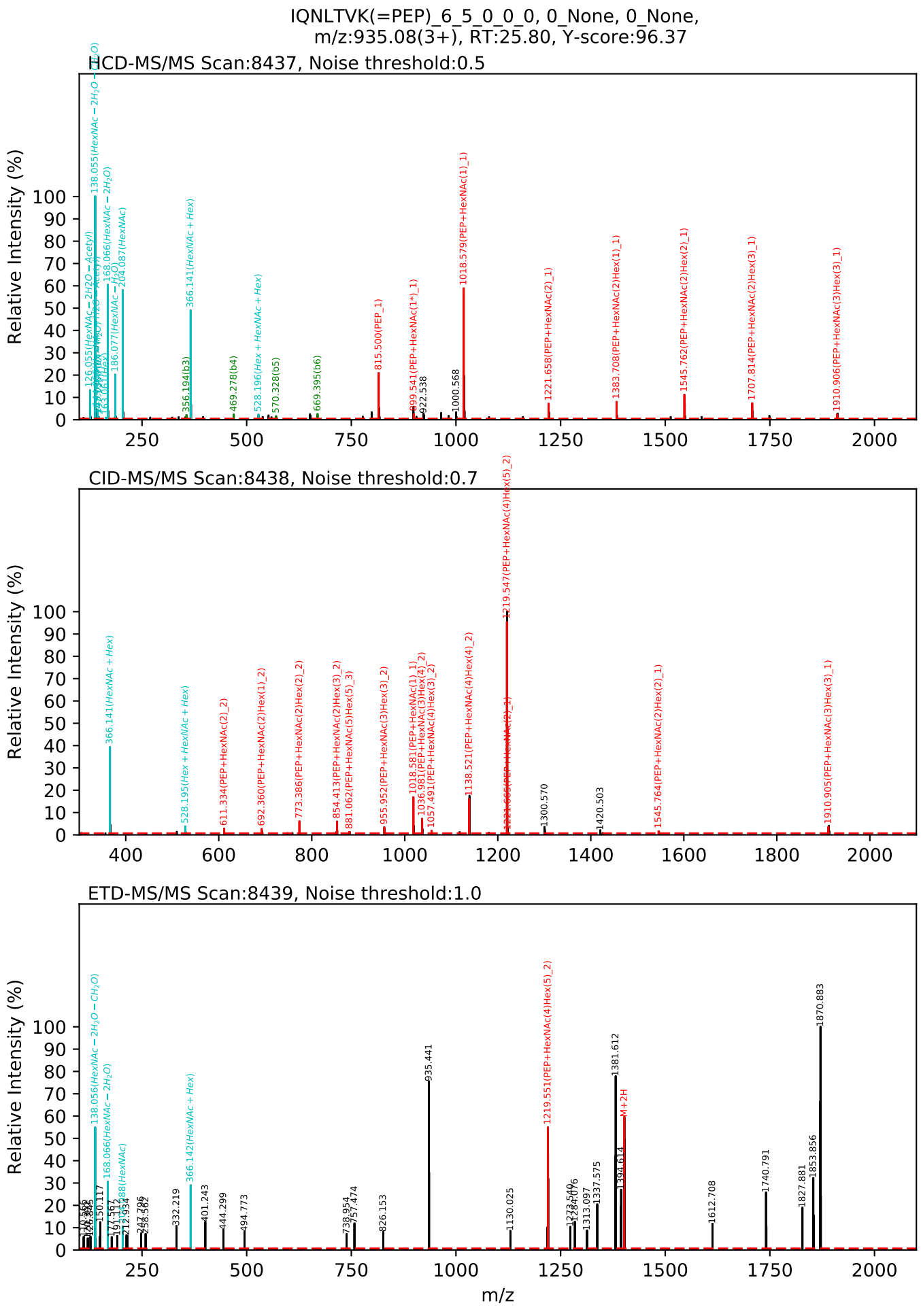

IQNLTVK(=PEP)_6_4_0_1_0, 0_None, 0_None,
m/z:1446.12(2+), RT:35.15, Y-score:82.63
HCD-MS/MS Scan:13169, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.278(b4)
528.193(Hex + HexNAc + Hex)
669.396(b6)
815.500(PEP_1)
923.519
1018.578(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.760(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:13170, Noise threshold:1.0
Relative Intensity (%)
528.192(Hex + HexNAc + Hex)
657.238(NeuAc + Hex + HexNAc)
955.954
1018.582(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1118.006(PEP+HexNAc(3)Hex(5)_2)
1300.576(PEP+HexNAc(4)Hex(6)_2)
1365.096(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1707.830(PEP+HexNAc(2)Hex(3)_1)
1869.878(PEP+HexNAc(2)Hex(4)_1)
1910.904
1998.943
ETD-MS/MS Scan:13171, Noise threshold:1.2
Relative Intensity (%)
M+2H
1300.571(PEP+HexNAc(4)Hex(6)_2)
945.176
1187.871
1331.663
1762.358
m/z

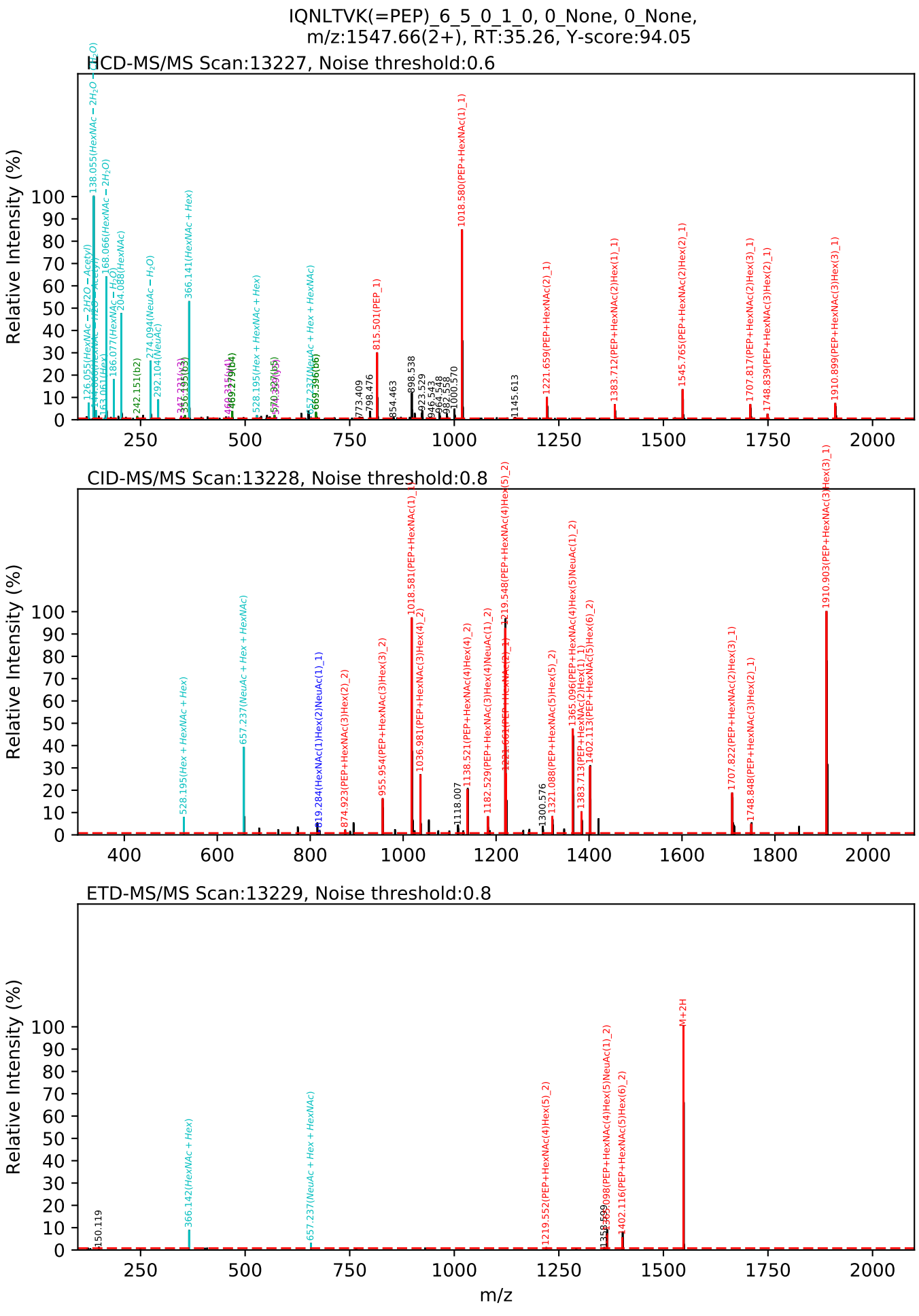

IQNLTVK(=PEP)_6_4_0_1_0, 0_None, 0_None,
m/z:1446.12(2+), RT:35.66, Y-score:78.06
HCD-MS/MS Scan:13432, Noise threshold:0.6
CID-MS/MS Scan:13433, Noise threshold:0.6
ETD-MS/MS Scan:13434, Noise threshold:0.9
Relative Intensity (%)
m/z

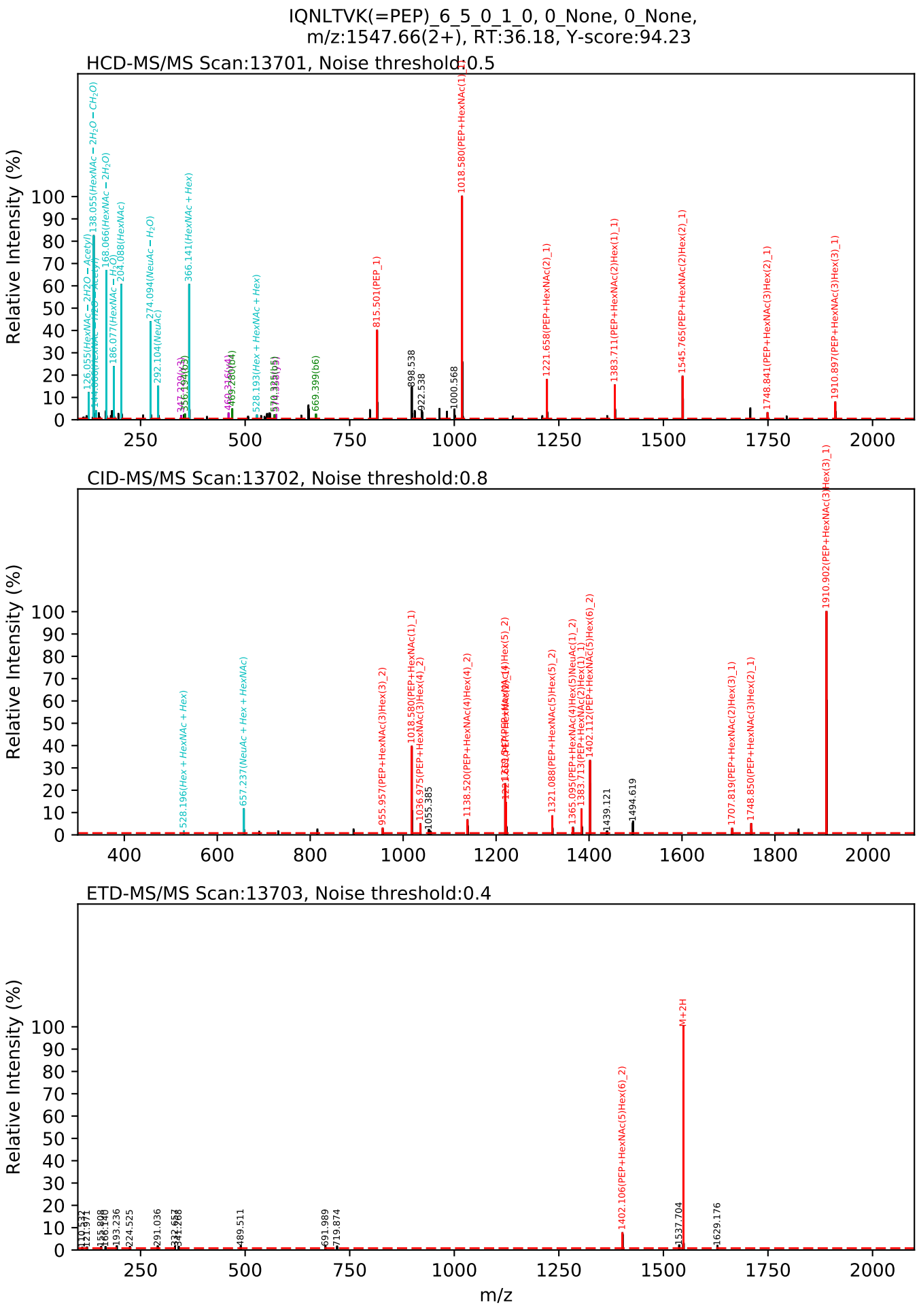

IQNLTVK(=PEP)_6_4_0_2_0, 0_None, 0_None,
m/z:1061.44(3+), RT:49.65, Y-score:82.10
HCD-MS/MS Scan:20464, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − CH2O)
144.066(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.282(b4)
528.195(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
815.503(PEP_1)
1018.582(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1869.879(PEP+HexNAc(2)Hex(4)_1)
1910.897
CID-MS/MS Scan:20465, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
454.156(NeuAc + Hex)
610.216(HexNAc(3)_1)
657.237(NeuAc + Hex + HexNAc)
819.291(HexNAc(1)Hex(2)NeuAc(1)_1)
956.469
958.428(PEP+HexNAc(4)Hex(6)NeuAc(1)_3)
1007.771
1018.581(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1101.499
1118.008(PEP+HexNAc(3)Hex(5)_2)
1183.031
1219.542(PEP+HexNAc(4)Hex(5)_2)
1284.571
1300.568(PEP+HexNAc(4)Hex(6)_2)
1344.566(PEP+HexNAc(3)Hex(6)NeuAc(1)_2)
1365.096(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1409.086
1446.122(PEP+HexNAc(4)Hex(6)NeuAc(1)_2)
1490.625
1545.791(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1869.874(PEP+HexNAc(2)Hex(4)_1)
m/z

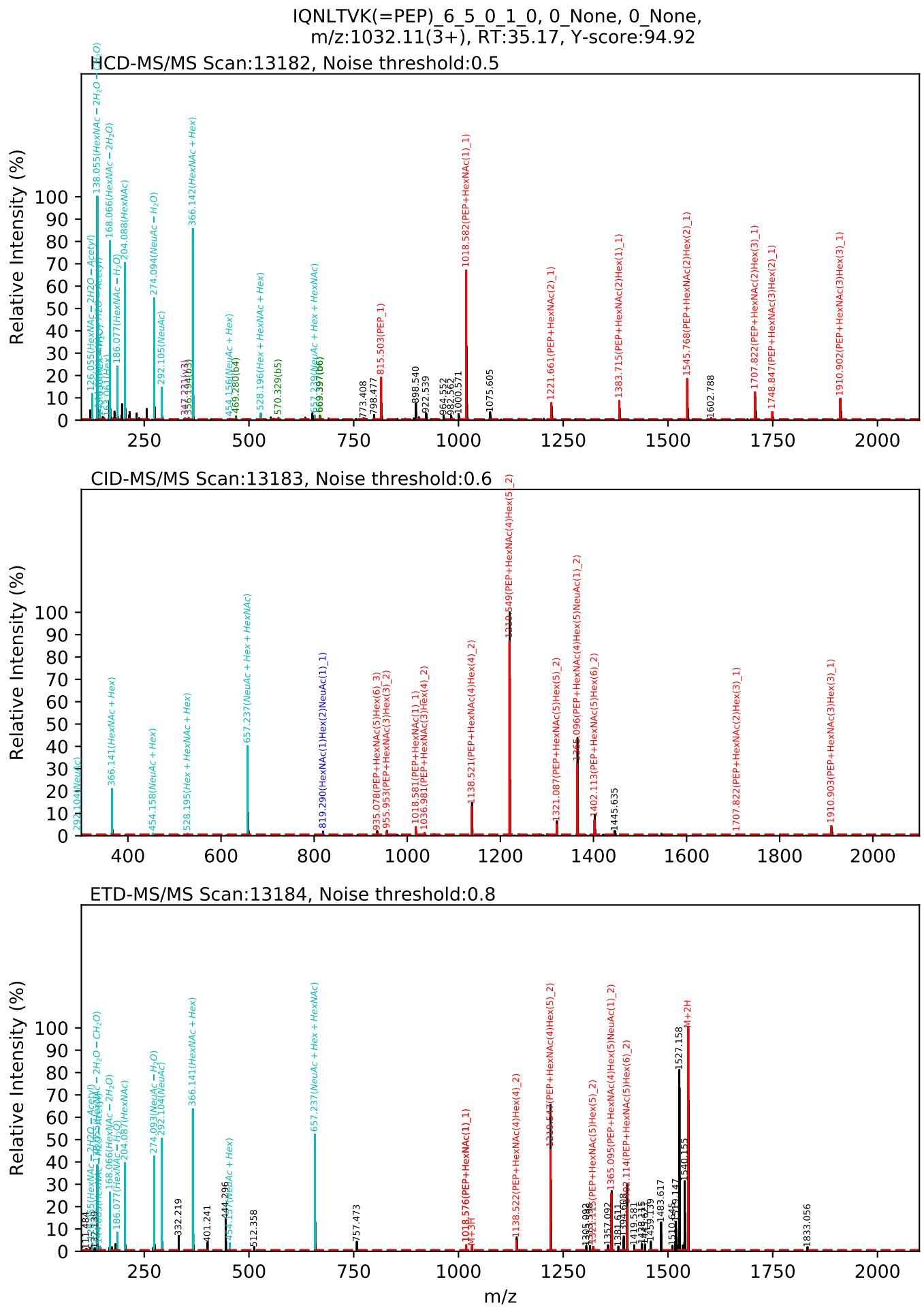

IQNLTVK(=PEP)_6_5_0_0_0, 0_None, 0_None,
m/z:1402.11(2+), RT:25.74, Y-score:90.25
HCD-MS/MS Scan:8413, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:8414, Noise threshold:0.6
m/z

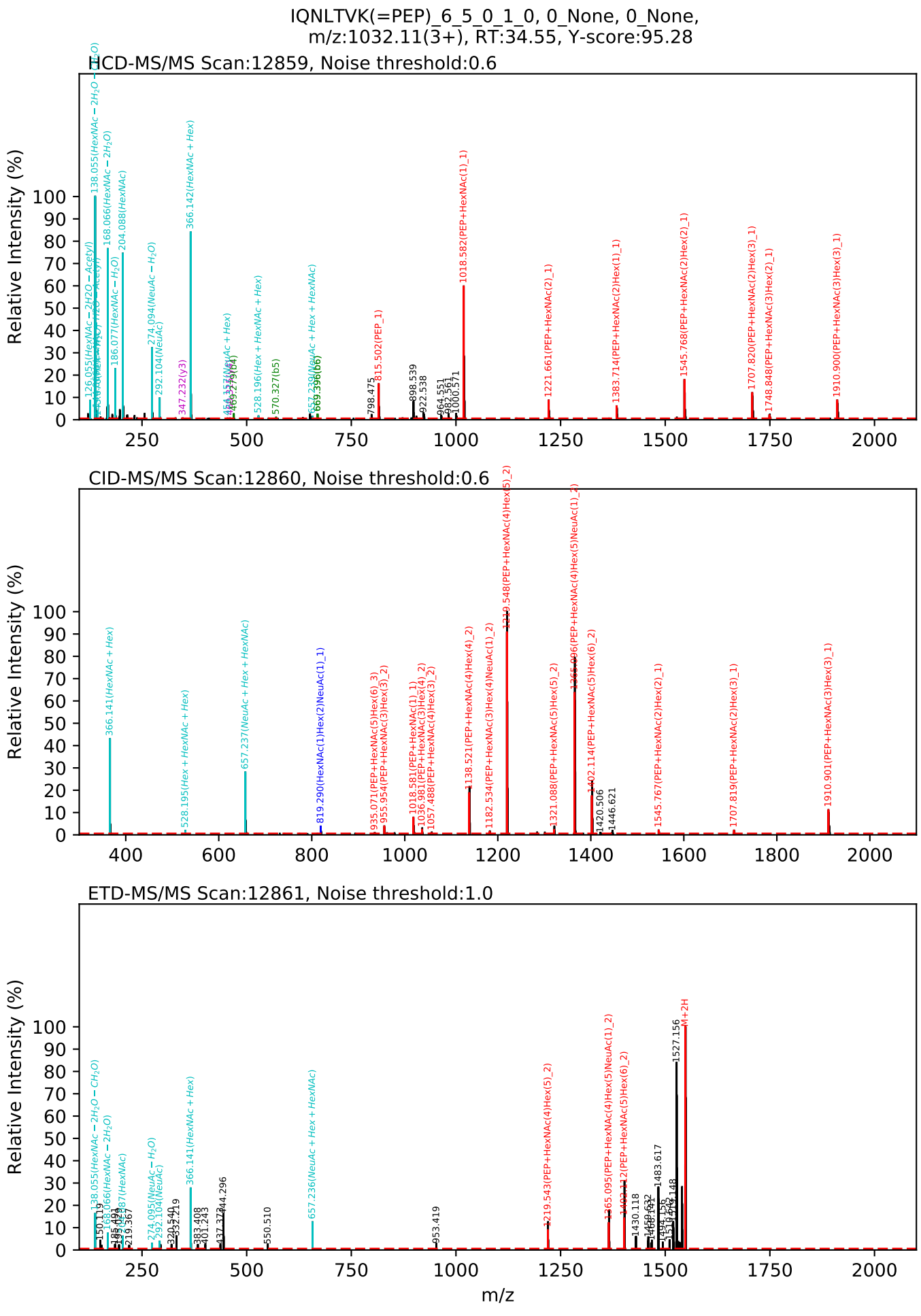

IQNLTVK(=PEP)_6_5_0_0_0, 0_None, 0_None,
m/z:1402.11(2+), RT:25.78, Y-score:91.65
HCD-MS/MS Scan:8427, Noise threshold:0.7
CID-MS/MS Scan:8428, Noise threshold:0.9
ETD-MS/MS Scan:8429, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

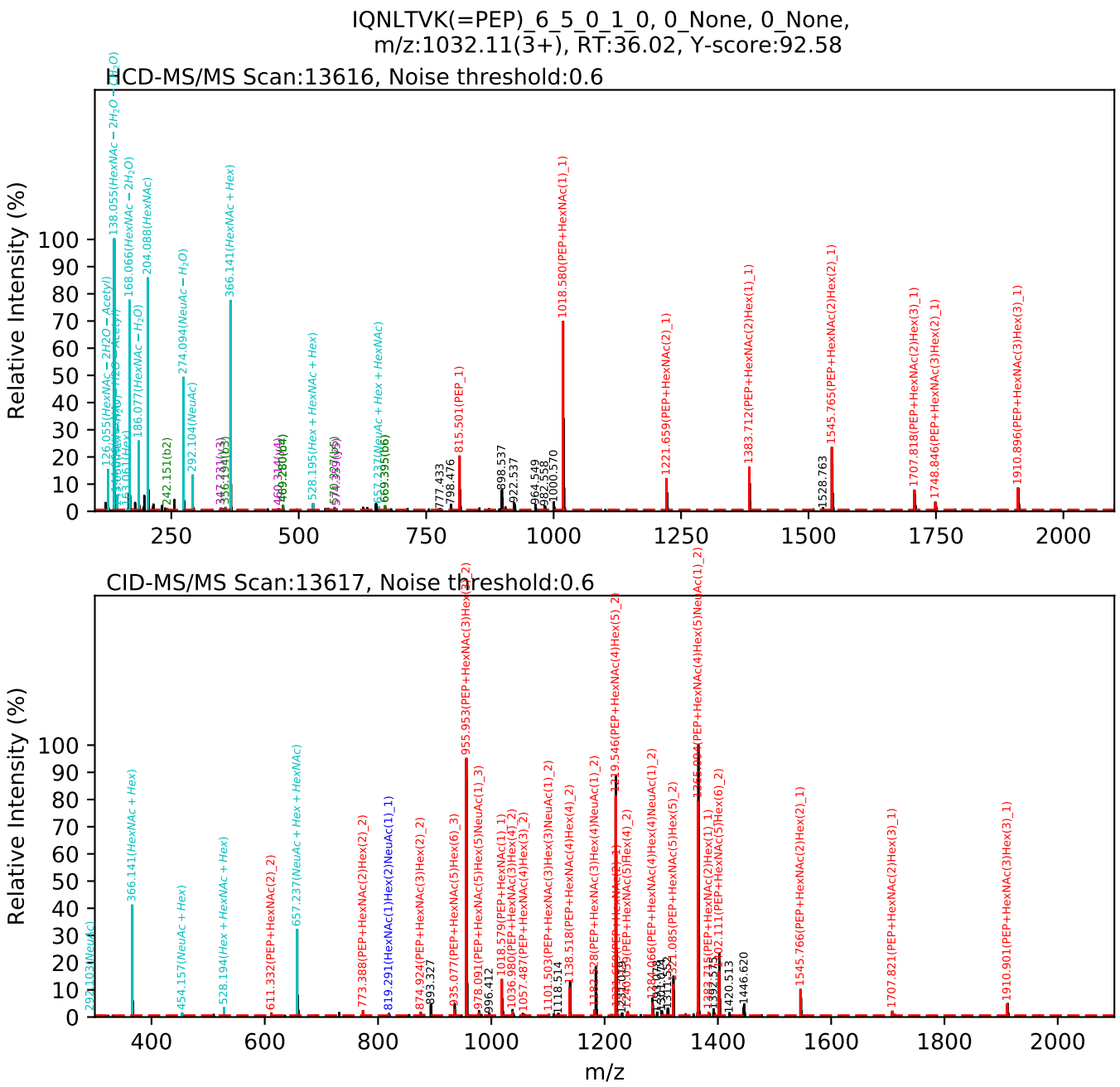

IQNLTVK(=PEP)_6_5_0_0_0, 0_None, 0_None,
m/z:935.08(3+), RT:25.80, Y-score:96.37
HCD-MS/MS Scan:8437, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:8438, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:8439, Noise threshold:1.0
Relative Intensity (%)
m/z

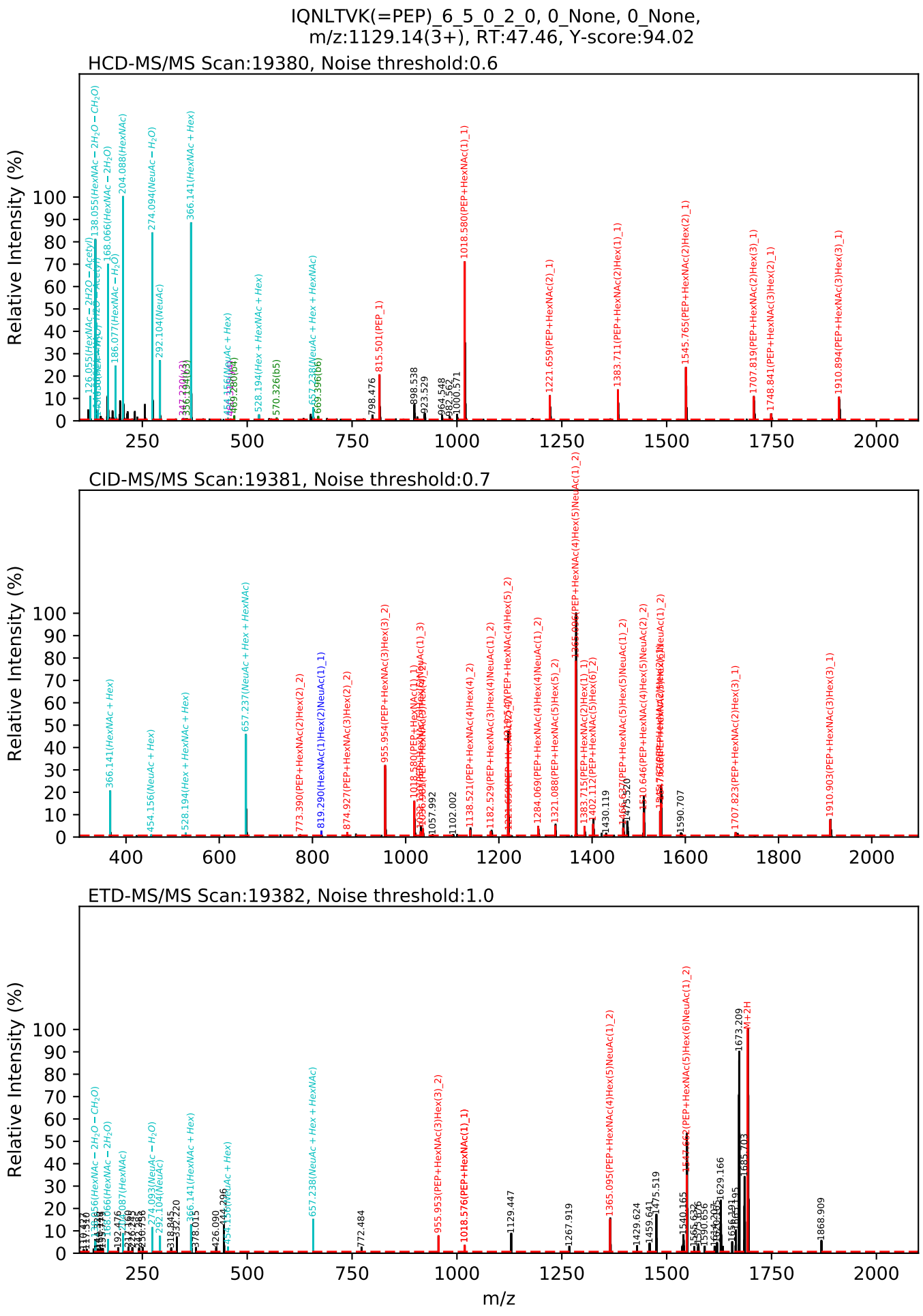

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1547.66(2+), RT:35.26, Y-score:94.05
HCD-MS/MS Scan:13227, Noise threshold:0.6
CID-MS/MS Scan:13228, Noise threshold:0.8
ETD-MS/MS Scan:13229, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H

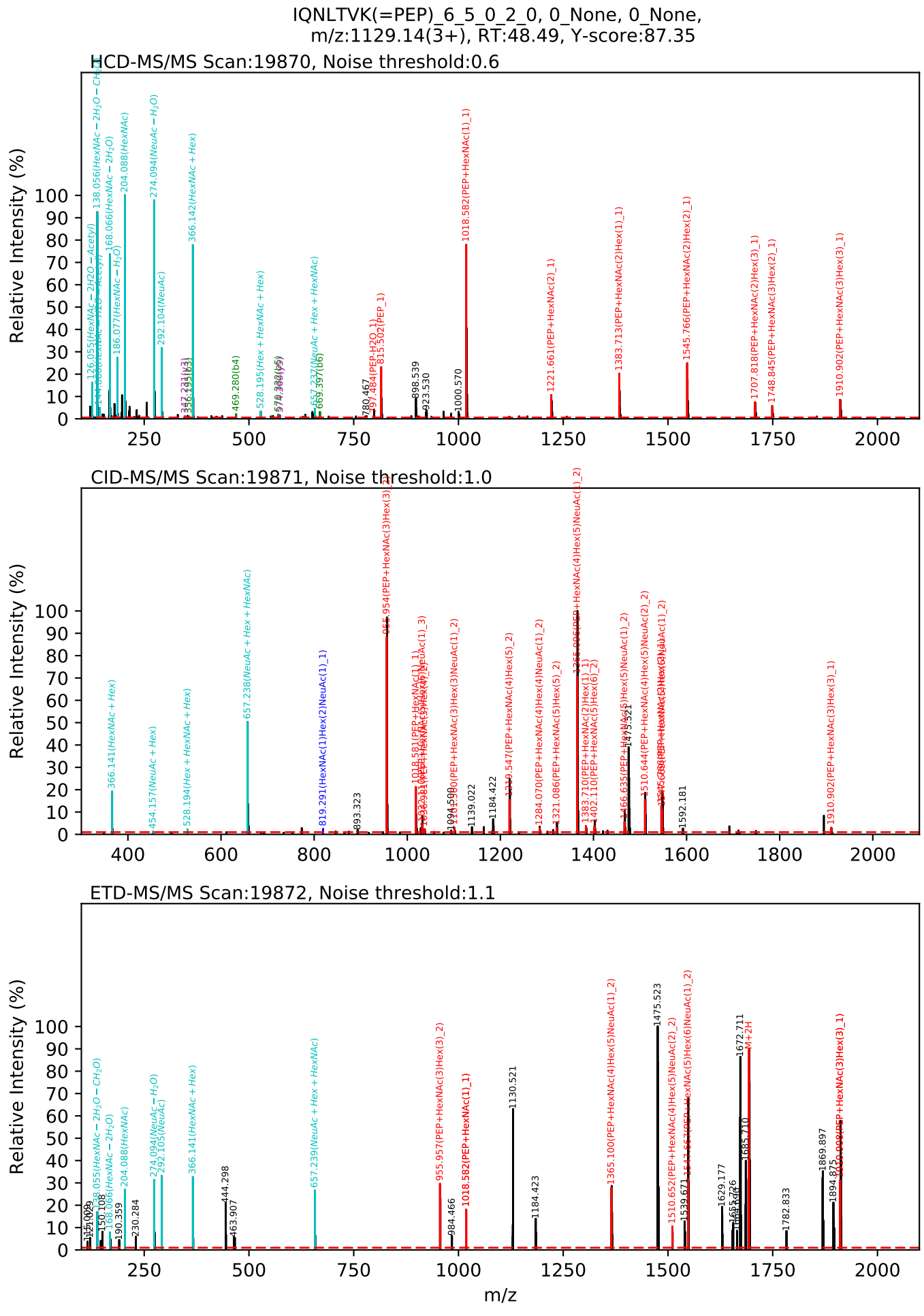

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1547.66(2+), RT:36.18, Y-score:94.23
HCD-MS/MS Scan:13701, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
347.139(y3)
366.141(HexNAc + Hex)
460.316(y4)
469.280(b4)
528.193(Hex + HexNAc + Hex)
669.399(b6)
815.501(PEP_1)
898.538
922.538
1000.568
1018.580(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1748.841(PEP+HexNAc(3)Hex(2)_1)
1910.897(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13702, Noise threshold:0.8
Relative Intensity (%)
528.196(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
955.957(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1036.975(PEP+HexNAc(3)Hex(4)_2)
1055.385
1138.520(PEP+HexNAc(4)Hex(4)_2)
1321.088(PEP+HexNAc(5)Hex(5)_2)
1365.095(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1402.112(PEP+HexNAc(5)Hex(6)_2)
1439.121
1494.619
1707.819(PEP+HexNAc(2)Hex(3)_1)
1748.850(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:13703, Noise threshold:0.4
Relative Intensity (%)
121.971
155.808
156.140
193.236
224.525
291.036
337.268
489.511
691.989
719.874
1402.106(PEP+HexNAc(5)Hex(6)_2)
M+2H
1537.704
1629.176
m/z

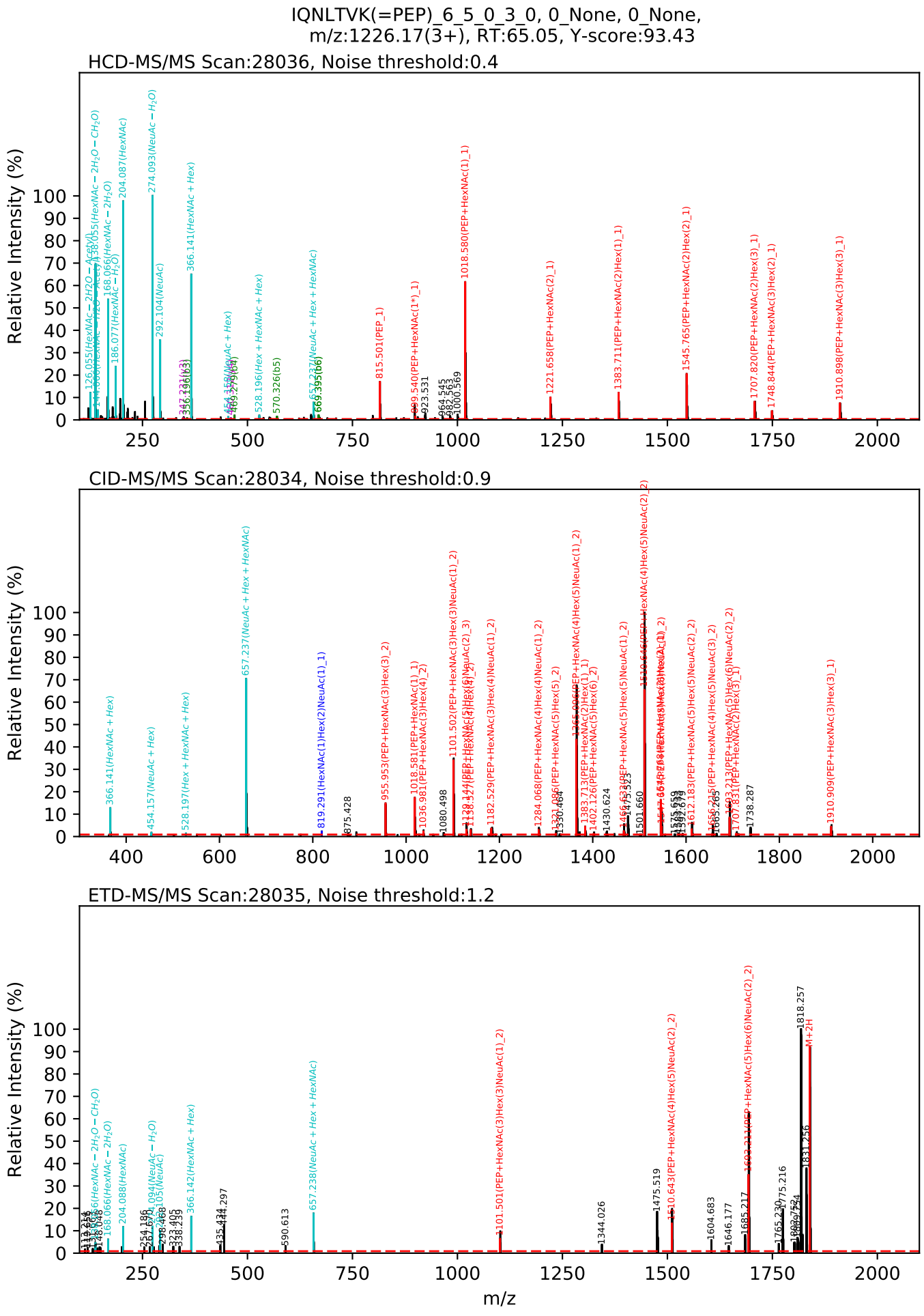

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1032.11(3+), RT:35.17, Y-score:94.92
HCD-MS/MS Scan:13182, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:13183, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:13184, Noise threshold:0.8
Relative Intensity (%)
m/z

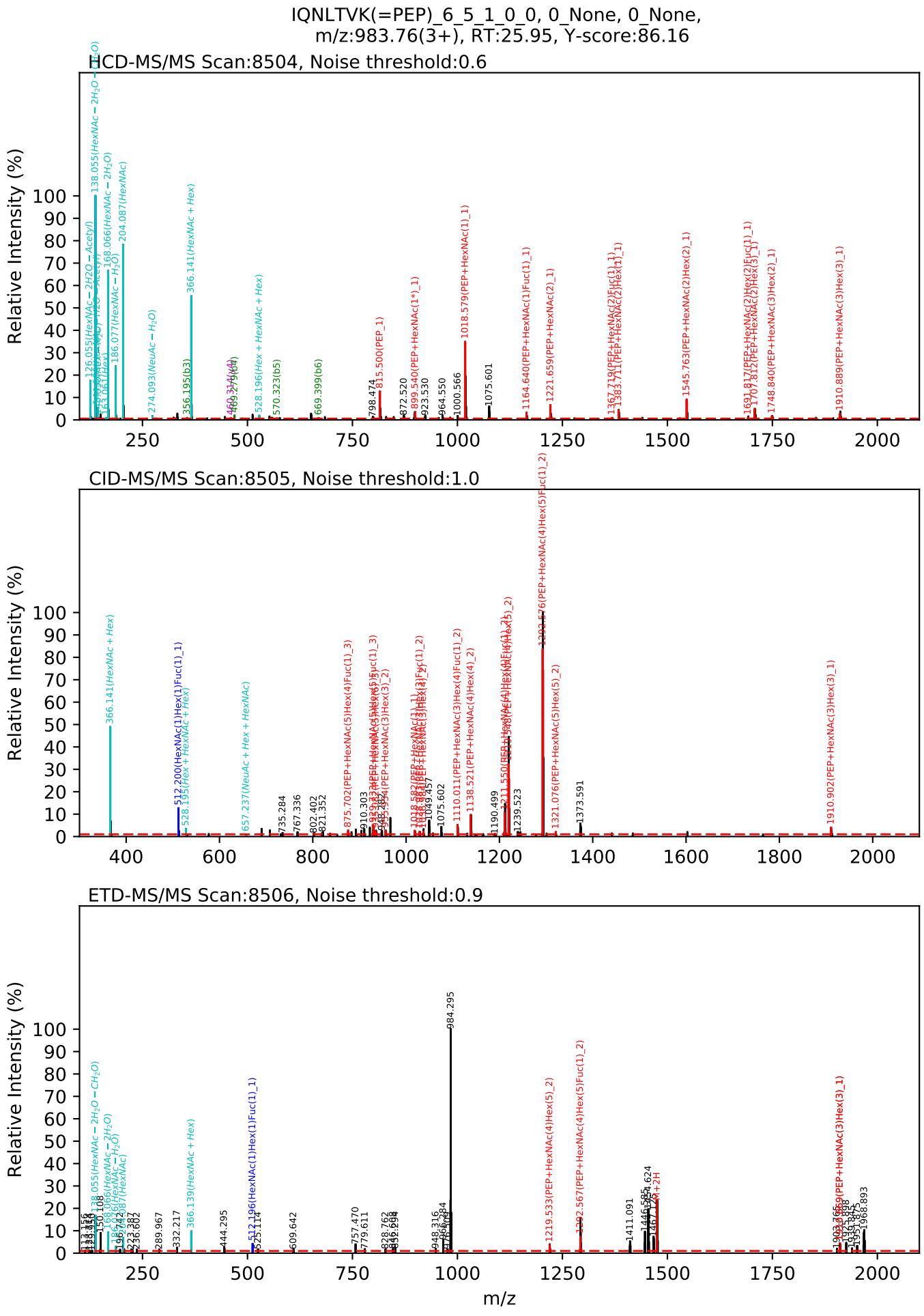

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1032.11(3+), RT:34.55, Y-score:95.28
HCD-MS/MS Scan:12859, Noise threshold:0.6
CID-MS/MS Scan:12860, Noise threshold:0.6
ETD-MS/MS Scan:12861, Noise threshold:1.0
Relative Intensity (%)
m/z

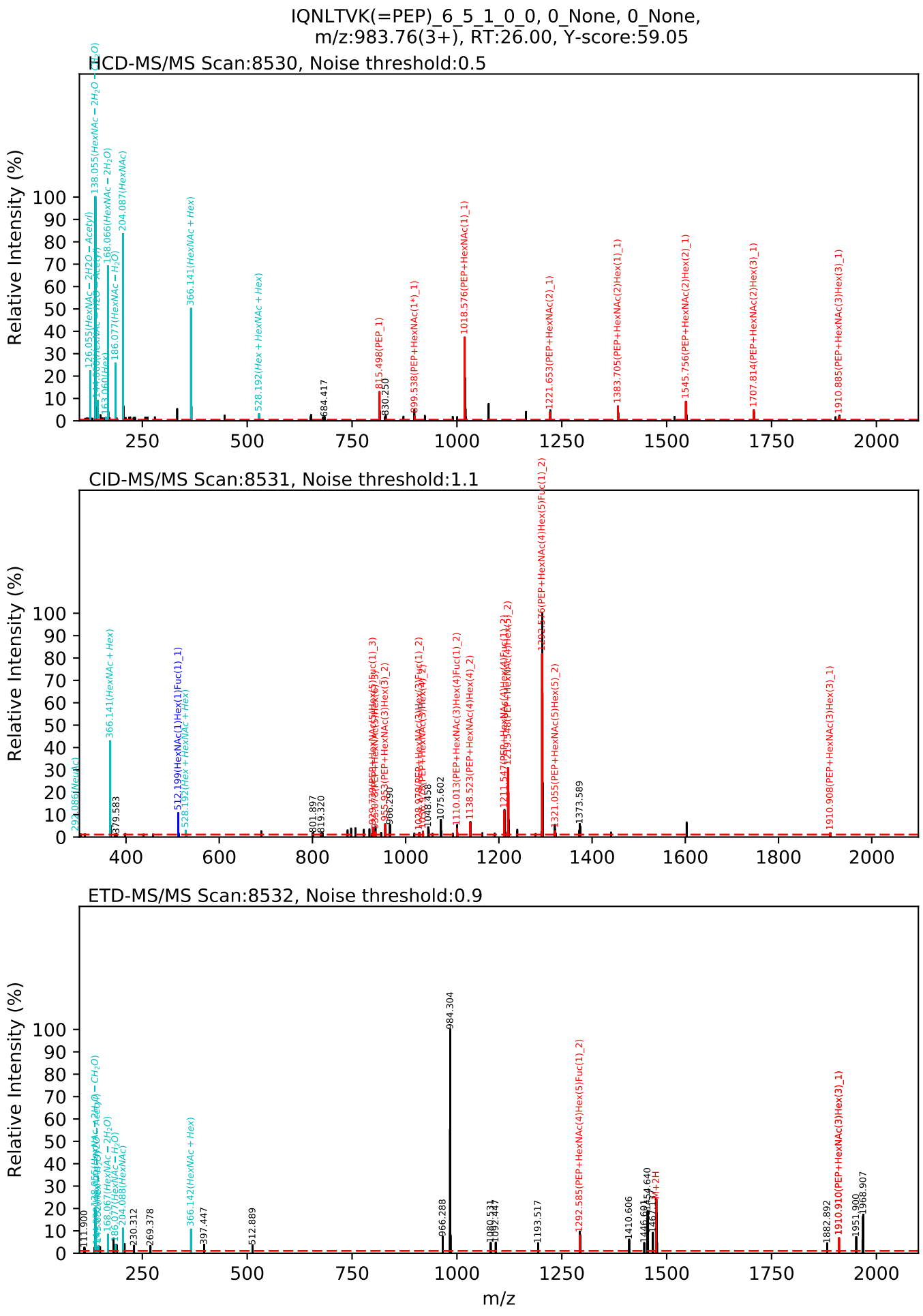

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1032.11(3+), RT:36.02, Y-score:92.58
HCD-MS/MS Scan:13616, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
815.501(PEP_1)
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1748.846(PEP+HexNAc(3)Hex(2)_1)
1910.896(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:13617, Noise threshold:0.6
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
454.157(NeuAc + Hex)
528.194(Hex + HexNAc + Hex)
611.332(PEP+HexNAc(2)_2)
657.237(NeuAc + Hex + HexNAc)
773.388(PEP+HexNAc(2)Hex(2)_2)
819.291(HexNAc(1)Hex(2)NeuAc(1)_1)
874.924(PEP+HexNAc(3)Hex(2)_2)
935.077(PEP+HexNAc(5)Hex(6)_3)
955.953(PEP+HexNAc(3)Hex(2)_2)
978.091(PEP+HexNAc(5)Hex(5)NeuAc(1)_3)
1018.579(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.487(PEP+HexNAc(4)Hex(3)_2)
1101.503(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1138.518(PEP+HexNAc(4)Hex(4)_2)
1319.546(PEP+HexNAc(4)Hex(5)_2)
1356.094(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)

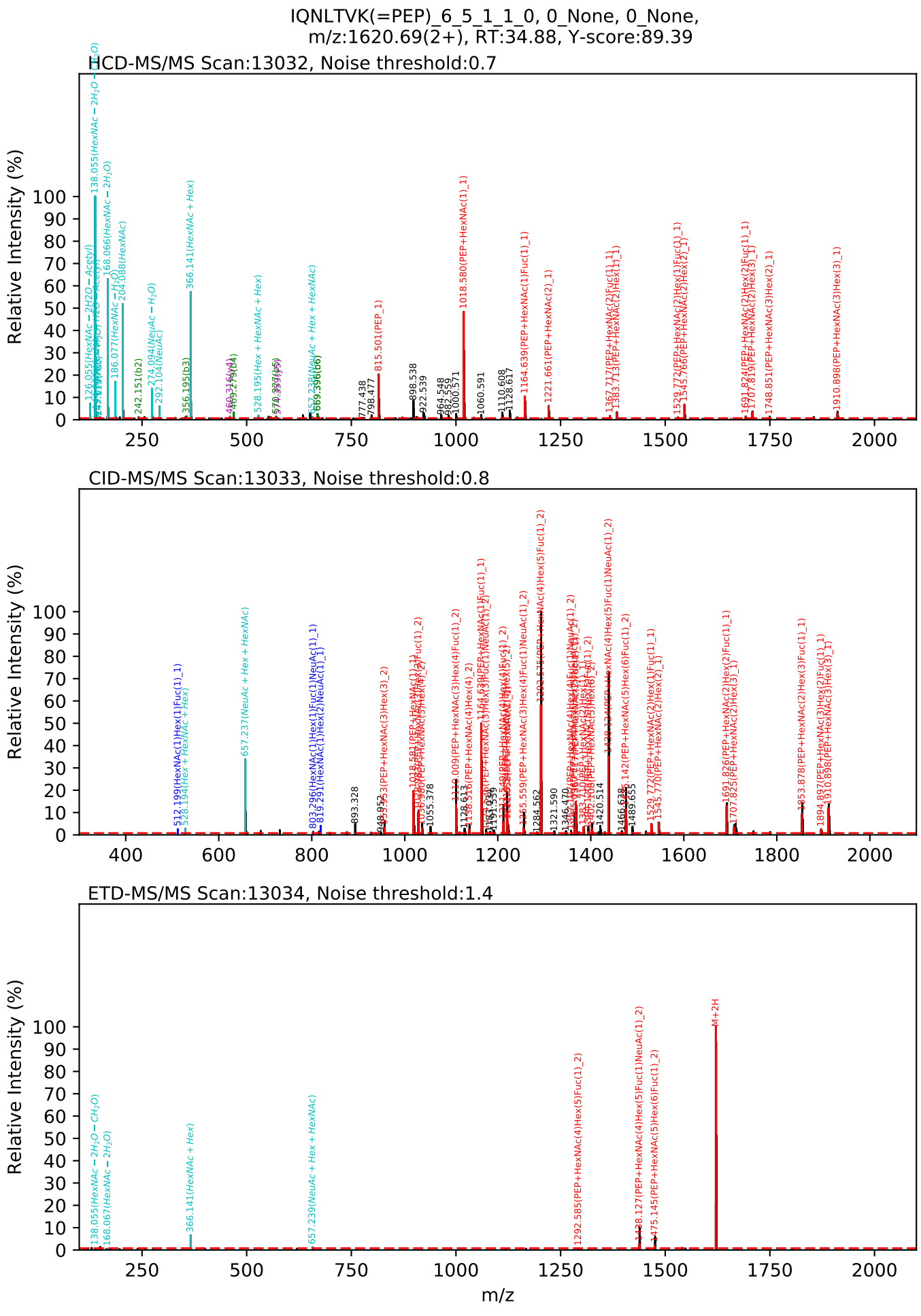

IQNLTVK(=PEP)_6_5_0_2_0, 0_None, 0_None,
m/z:1129.14(3+), RT:47.46, Y-score:94.02
HCD-MS/MS Scan:19380, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:19381, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:19382, Noise threshold:1.0
Relative Intensity (%)
m/z

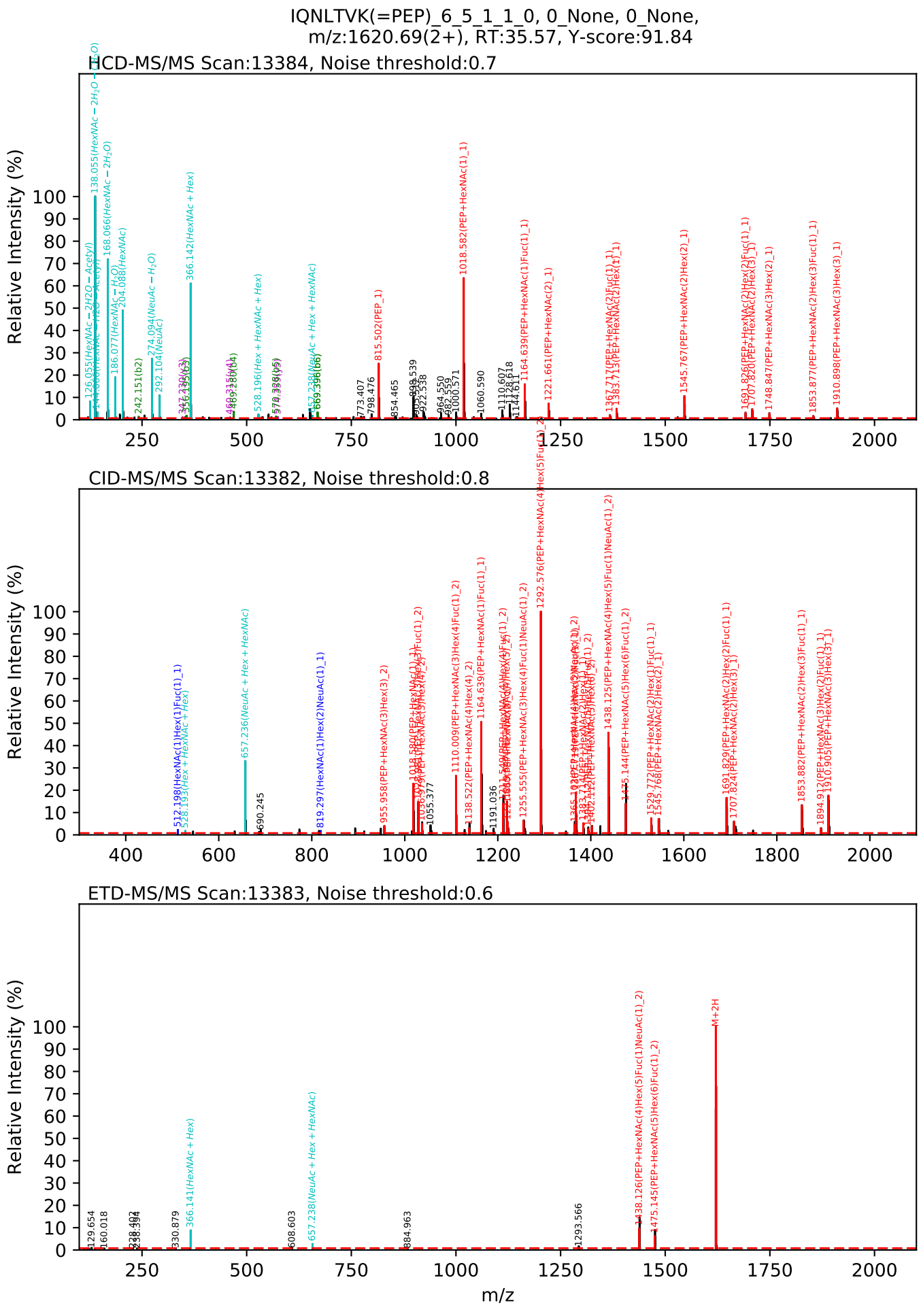

IQNLTVK(=PEP)_6_5_0_2_0, 0_None, 0_None,
m/z:1129.14(3+), RT:48.49, Y-score:87.35
HCD-MS/MS Scan:19870, Noise threshold:0.6
CID-MS/MS Scan:19871, Noise threshold:1.0
ETD-MS/MS Scan:19872, Noise threshold:1.1
Relative Intensity (%)
m/z

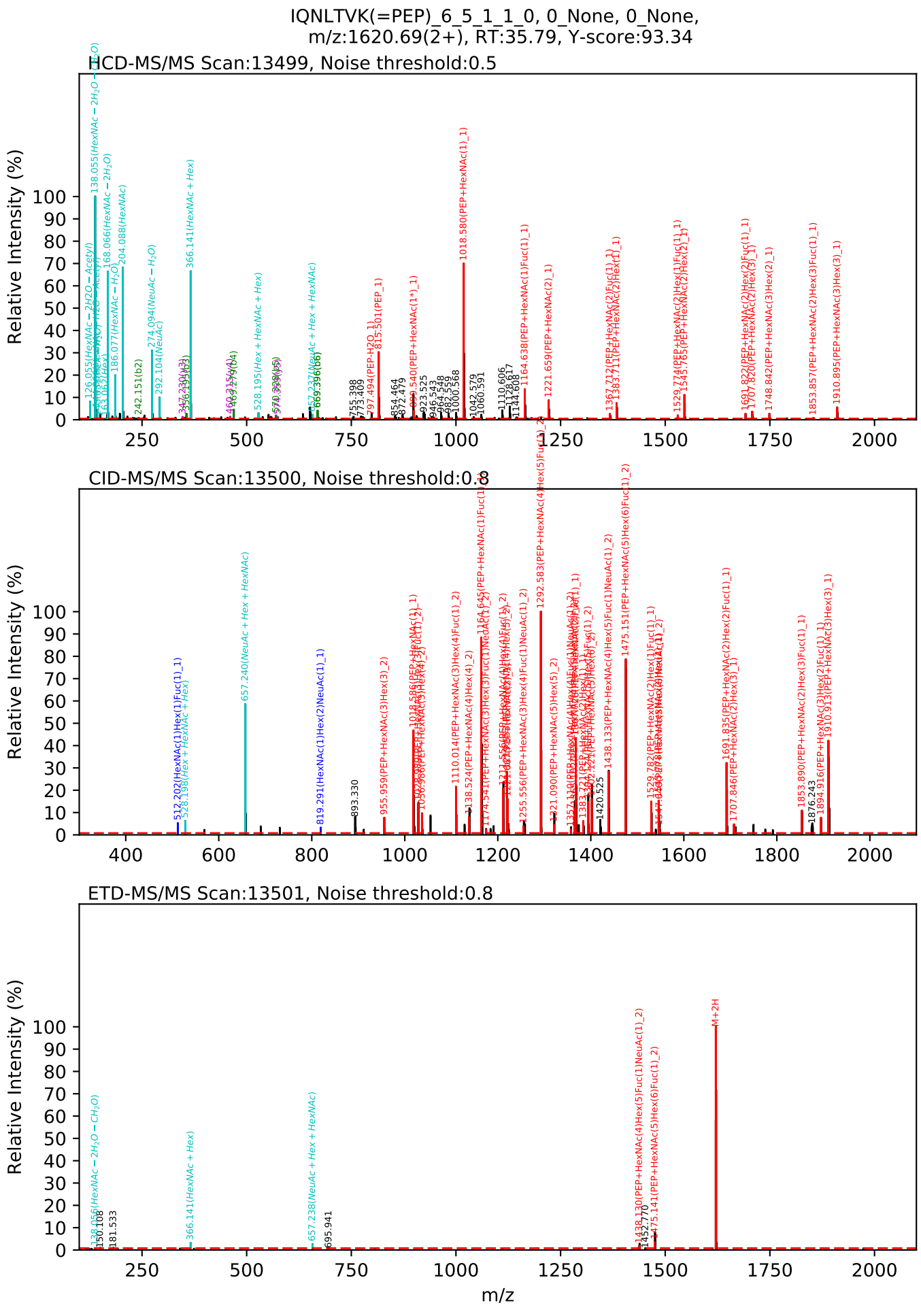

IQNLTVK(=PEP)_6_5_0_3_0, 0_None, 0_None,
m/z:1226.17(3+), RT:65.05, Y-score:93.43
HCD-MS/MS Scan:28036, Noise threshold:0.4
CID-MS/MS Scan:28034, Noise threshold:0.9
ETD-MS/MS Scan:28035, Noise threshold:1.2
Relative Intensity (%)
m/z

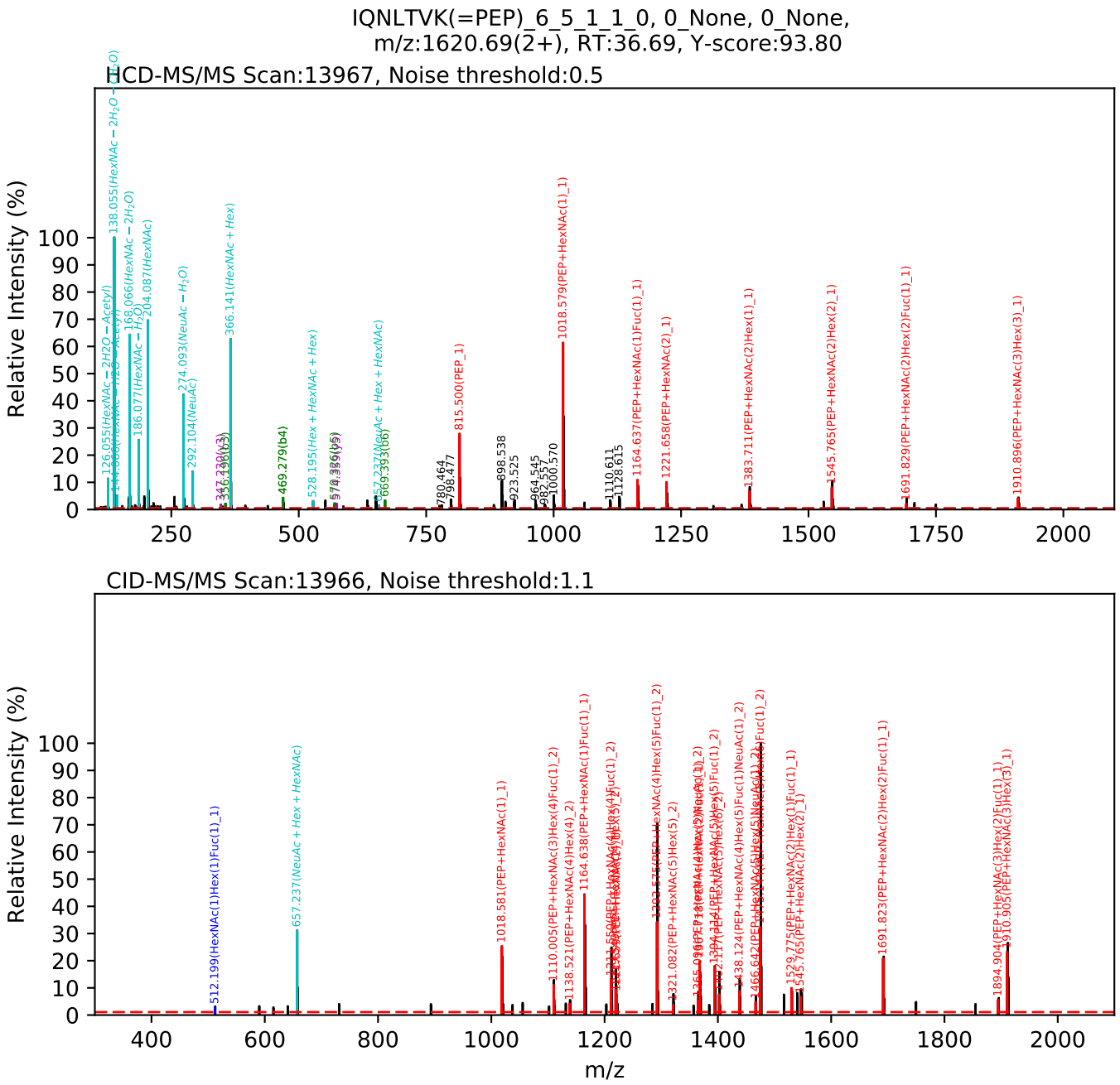

IQNLTVK(=PEP)_6_5_1_0_0, 0_None, 0_None,
m/z:983.76(3+), RT:25.95, Y-score:86.16
HCD-MS/MS Scan:8504, Noise threshold:0.6
CID-MS/MS Scan:8505, Noise threshold:1.0
ETD-MS/MS Scan:8506, Noise threshold:0.9
Relative Intensity (%)
m/z

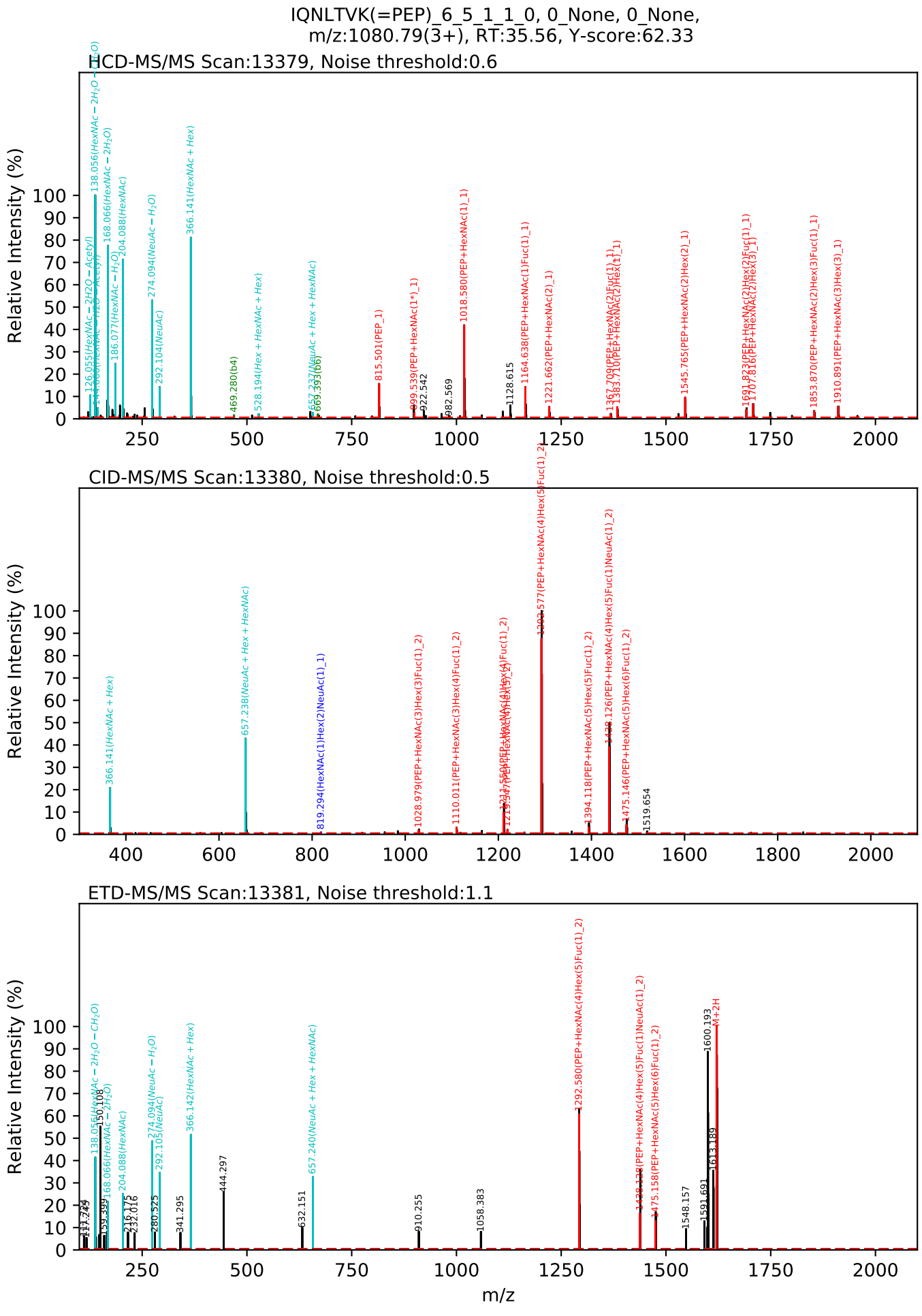

IQNLTVK(=PEP)_6_5_1_0_0, 0_None, 0_None,
m/z:983.76(3+), RT:26.00, Y-score:59.05
HCD-MS/MS Scan:8530, Noise threshold:0.5
CID-MS/MS Scan:8531, Noise threshold:1.1
ETD-MS/MS Scan:8532, Noise threshold:0.9
Relative Intensity (%)
m/z

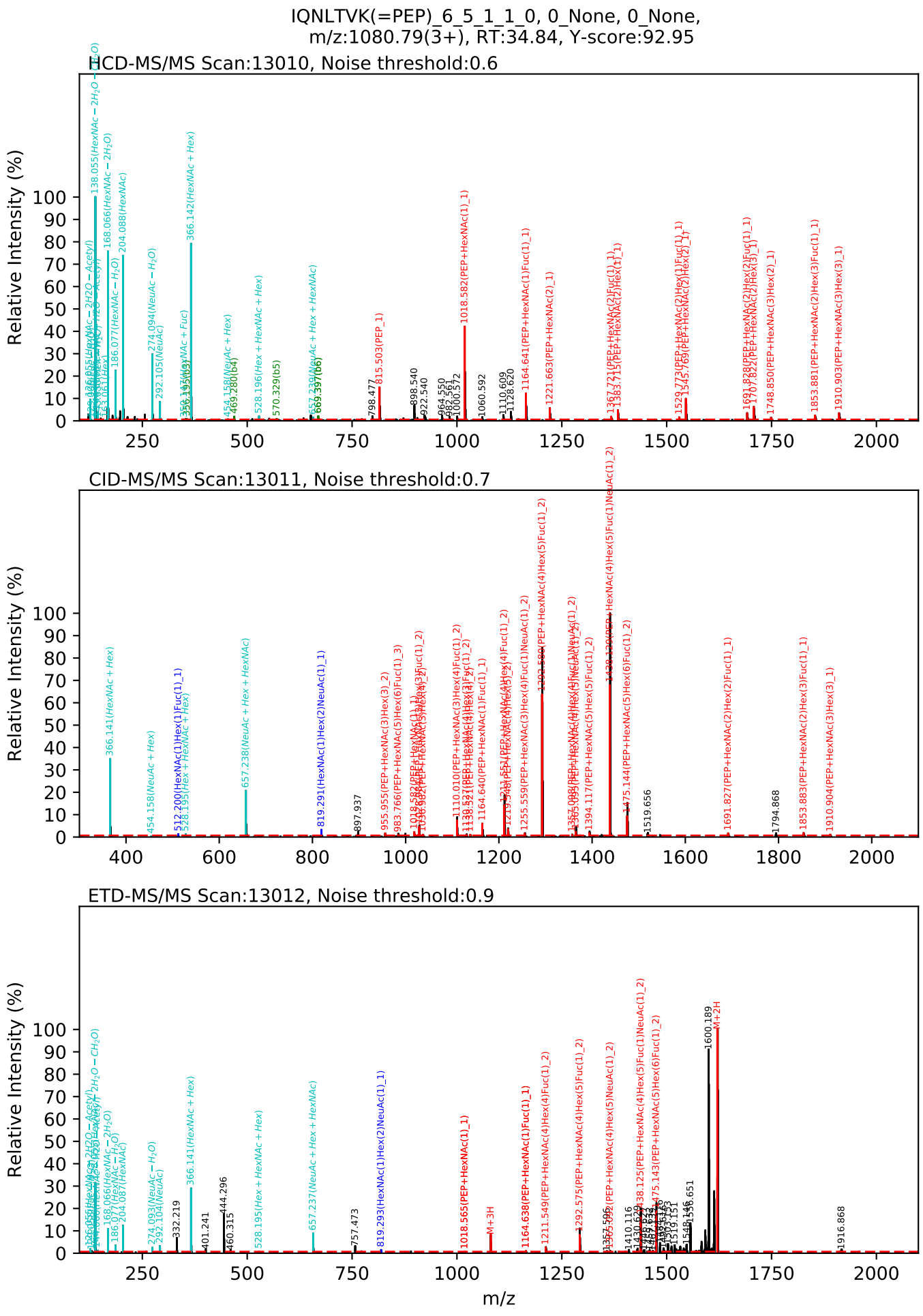

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1620.69(2+), RT:34.88, Y-score:89.39
HCD-MS/MS Scan:13032, Noise threshold:0.7
CID-MS/MS Scan:13033, Noise threshold:0.8
ETD-MS/MS Scan:13034, Noise threshold:1.4
Relative Intensity (%)
m/z

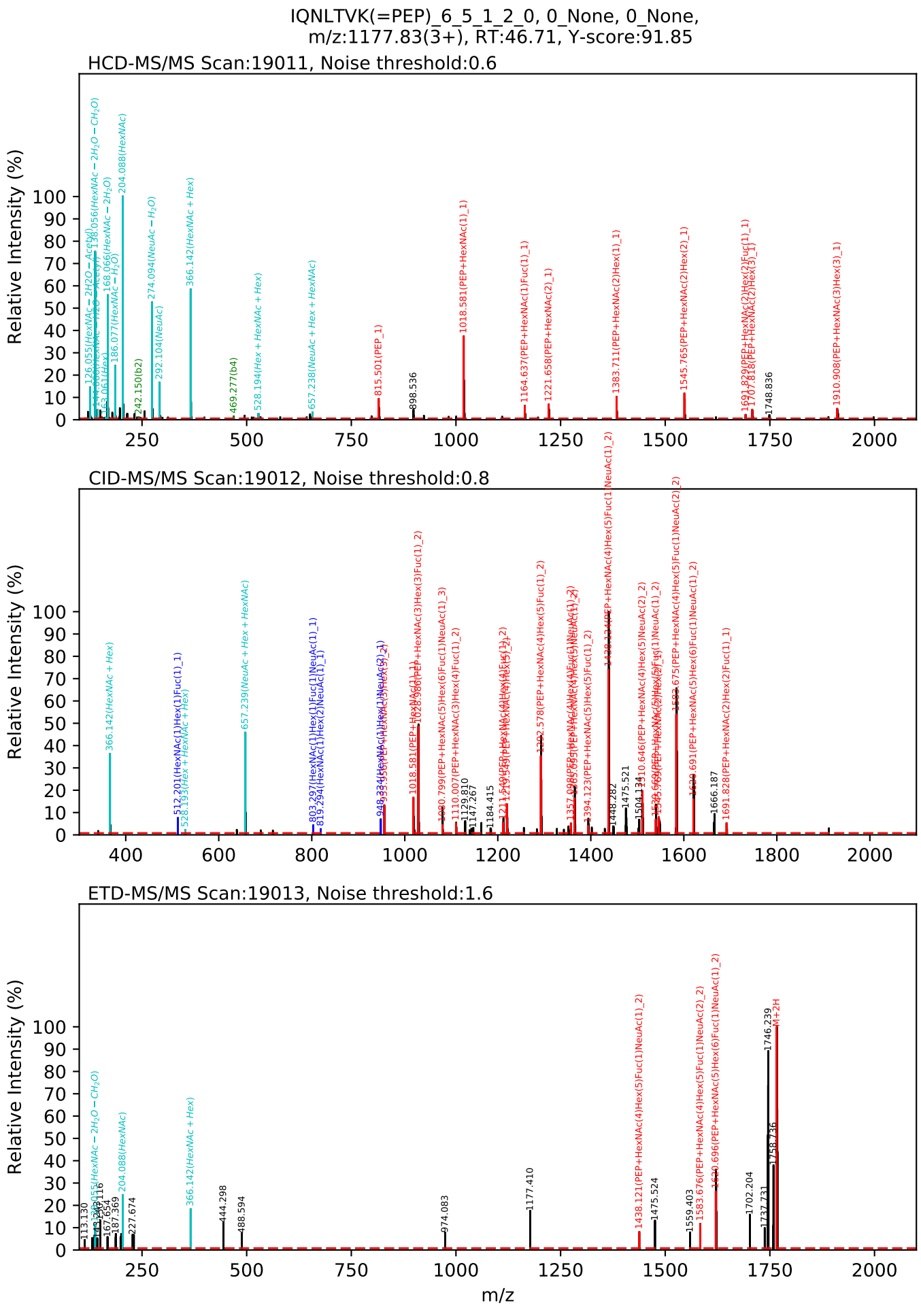

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1620.69(2+), RT:35.57, Y-score:91.84
HCD-MS/MS Scan:13384, Noise threshold:0.7
CID-MS/MS Scan:13382, Noise threshold:0.8
ETD-MS/MS Scan:13383, Noise threshold:0.6
Relative Intensity (%)
m/z

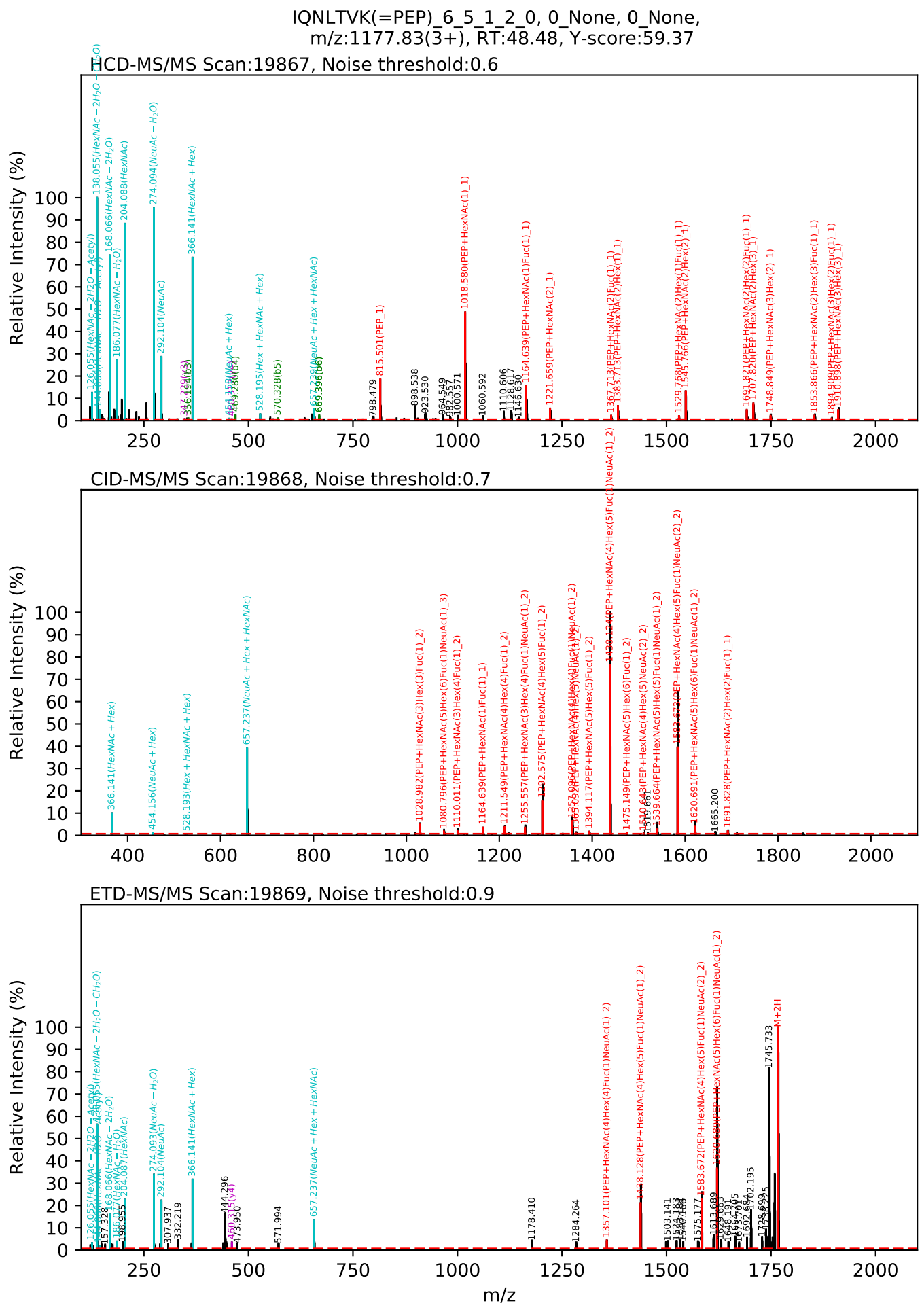

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1620.69(2+), RT:35.79, Y-score:93.34
HCD-MS/MS Scan:13499, Noise threshold:0.5
CID-MS/MS Scan:13500, Noise threshold:0.8
ETD-MS/MS Scan:13501, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H

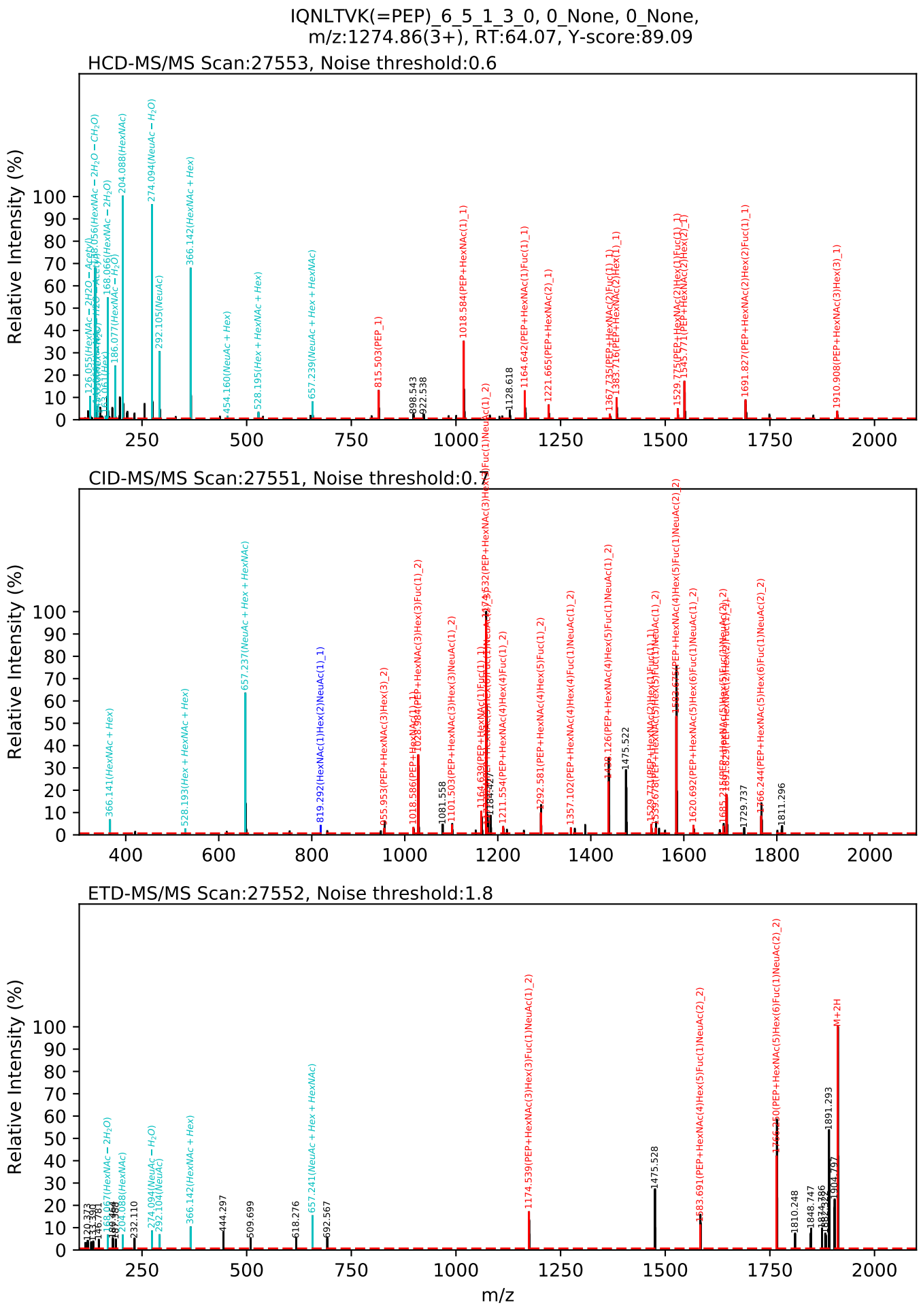

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1620.69(2+), RT:36.69, Y-score:93.80
HCD-MS/MS Scan:13967, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:13966, Noise threshold:1.1
Relative Intensity (%)
m/z

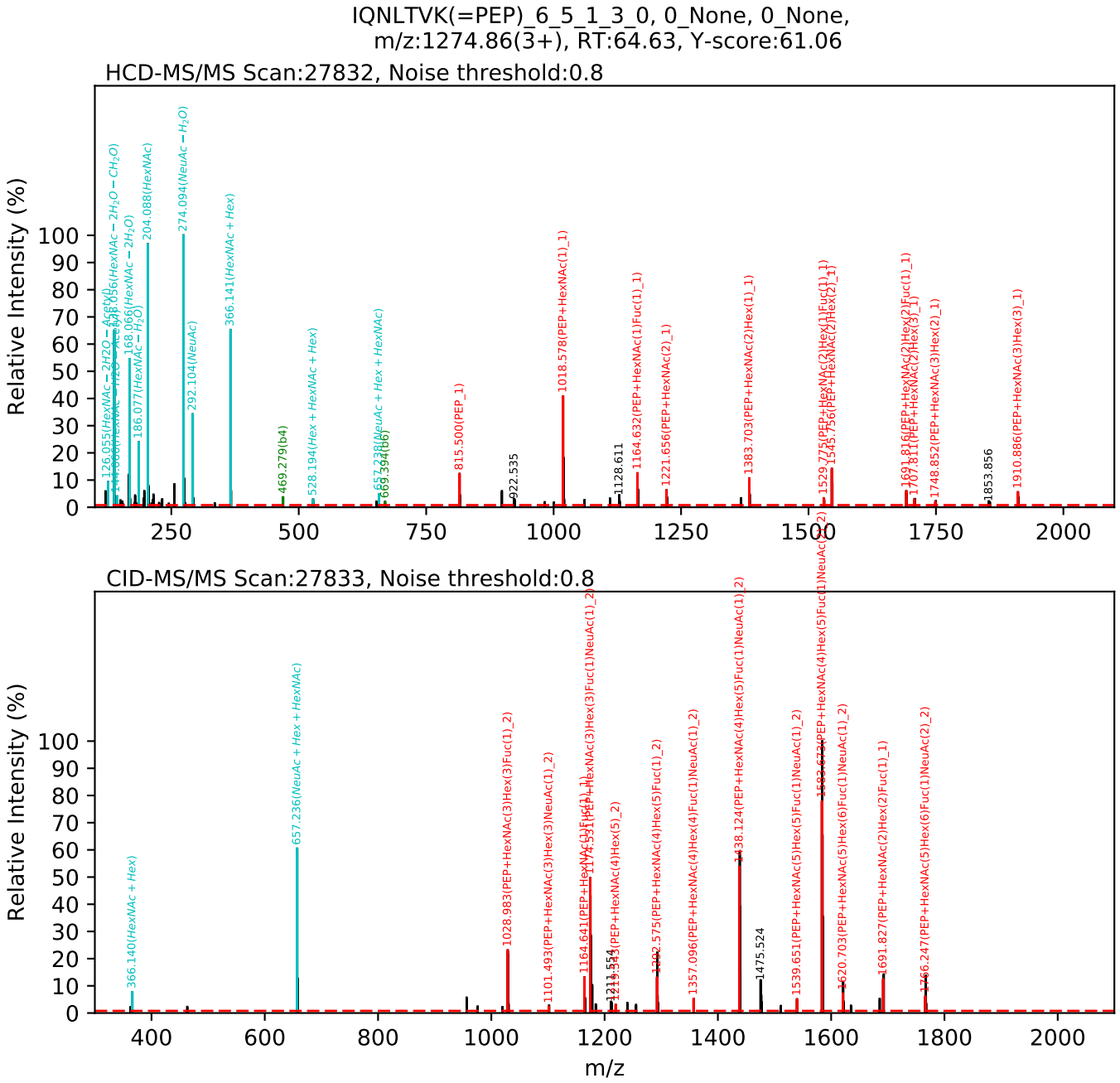

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1080.79(3+), RT:35.56, Y-score:62.33
HCD-MS/MS Scan:13379, Noise threshold:0.6
CID-MS/MS Scan:13380, Noise threshold:0.5
ETD-MS/MS Scan:13381, Noise threshold:1.1
Relative Intensity (%)
m/z

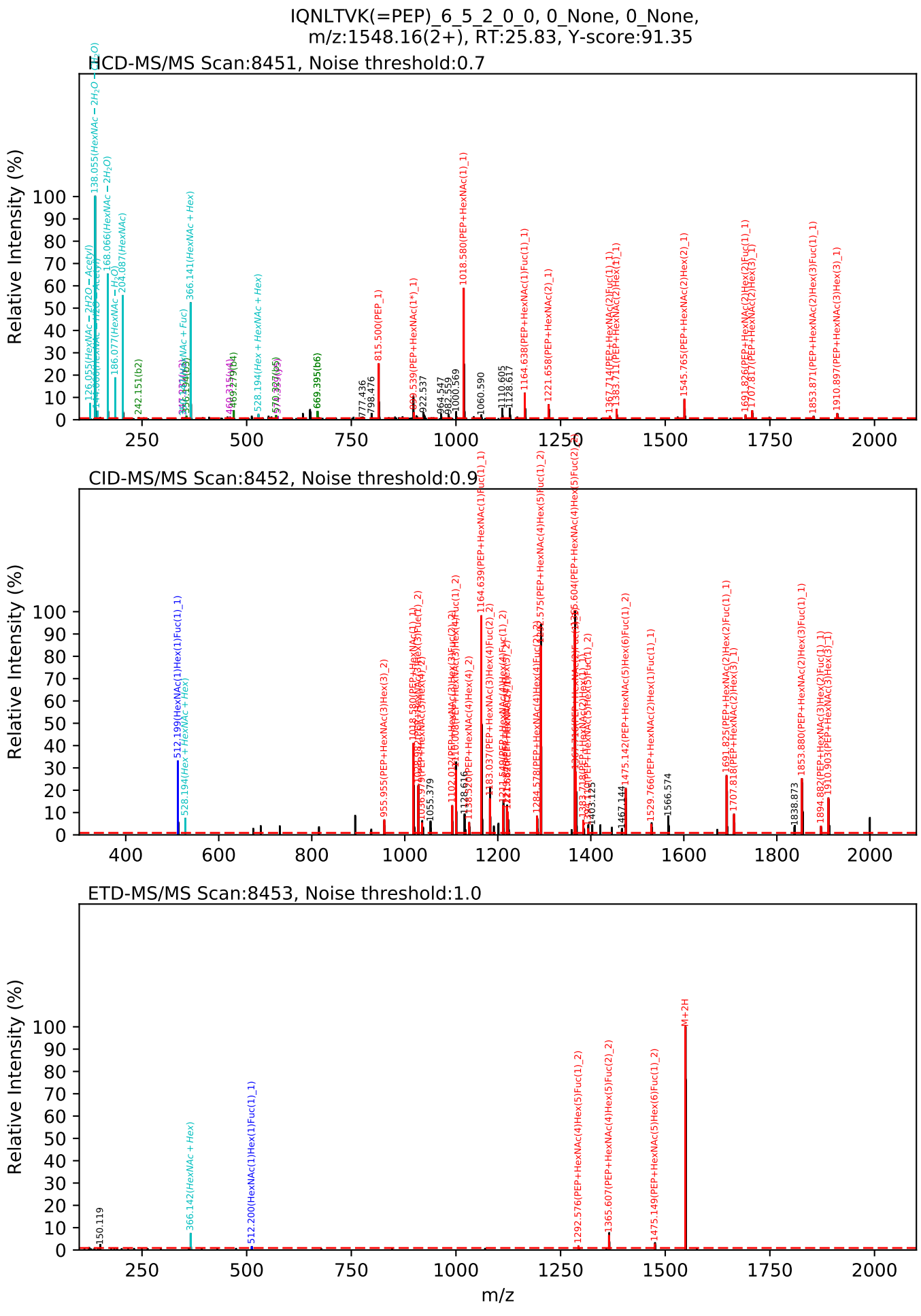

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1080.79(3+), RT:34.84, Y-score:92.95
HCD-MS/MS Scan:13010, Noise threshold:0.6
CID-MS/MS Scan:13011, Noise threshold:0.7
ETD-MS/MS Scan:13012, Noise threshold:0.9
Relative Intensity (%)
m/z

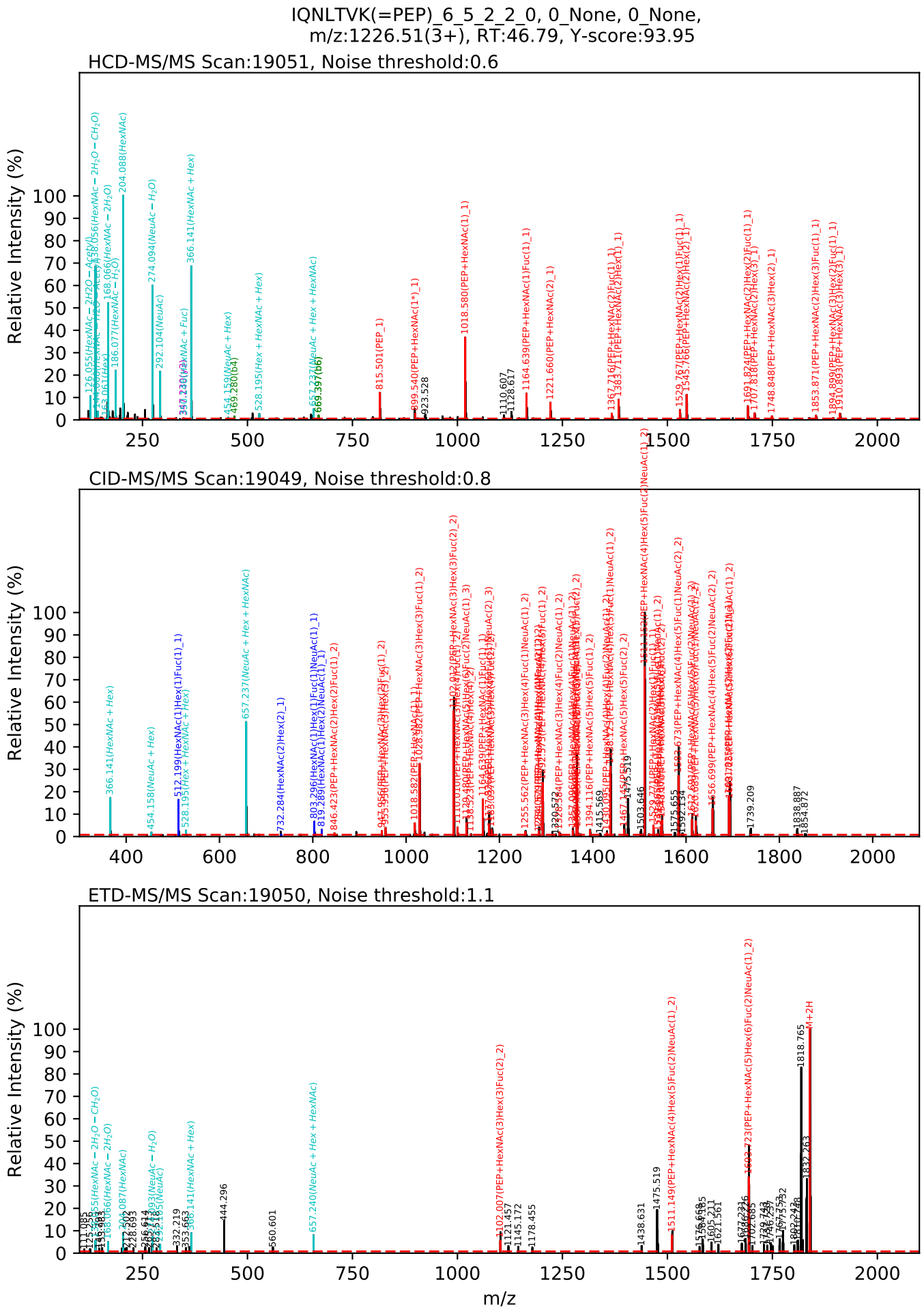

IQNLTVK(=PEP)_6_5_1_2_0, 0_None, 0_None,
m/z:1177.83(3+), RT:46.71, Y-score:91.85
HCD-MS/MS Scan:19011, Noise threshold:0.6
Relative Intensity (%)
204.088(HexNAc)
366.142(HexNAc + Hex)
274.094(NeuAc − H2O)
292.104(NeuAc)
242.150(b2)
469.277(b4)
528.194(Hex + HexNAc + Hex)
657.238(NeuAc + Hex + HexNAc)
815.501(PEP_1)
898.536
1018.581(PEP+HexNAc(1)_1)
1164.637(PEP+HexNAc(1)Fuc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1748.836
1910.908(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:19012, Noise threshold:0.8
Relative Intensity (%)
366.142(HexNAc + Hex)
512.201(HexNAc(1)Hex(1)Fuc(1)_1)
528.193(Hex + HexNAc + Hex)
657.239(NeuAc + Hex + HexNAc)
803.297(HexNAc(1)Hex(1)Fuc(1)NeuAc(1)_1)
819.294(HexNAc(1)Hex(2)NeuAc(1)_1)
1018.581(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
1110.007(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1129.810
1147.267
1184.415
1394.123(PEP+HexNAc(5)Hex(5)Fuc(1)_2)
1448.282
1475.521
1666.187
1691.828(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
ETD-MS/MS Scan:19013, Noise threshold:1.6
Relative Intensity (%)
204.088(HexNAc)
366.142(HexNAc + Hex)
227.674
444.298
488.594
974.083
1177.410
1438.121(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(1)_2)
1475.524
1559.403
1583.676(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(2)_2)
1620.696(PEP+HexNAc(5)Hex(6)Fuc(1)NeuAc(1)_2)
1702.204
1737.731
1746.239
M+2H
m/z

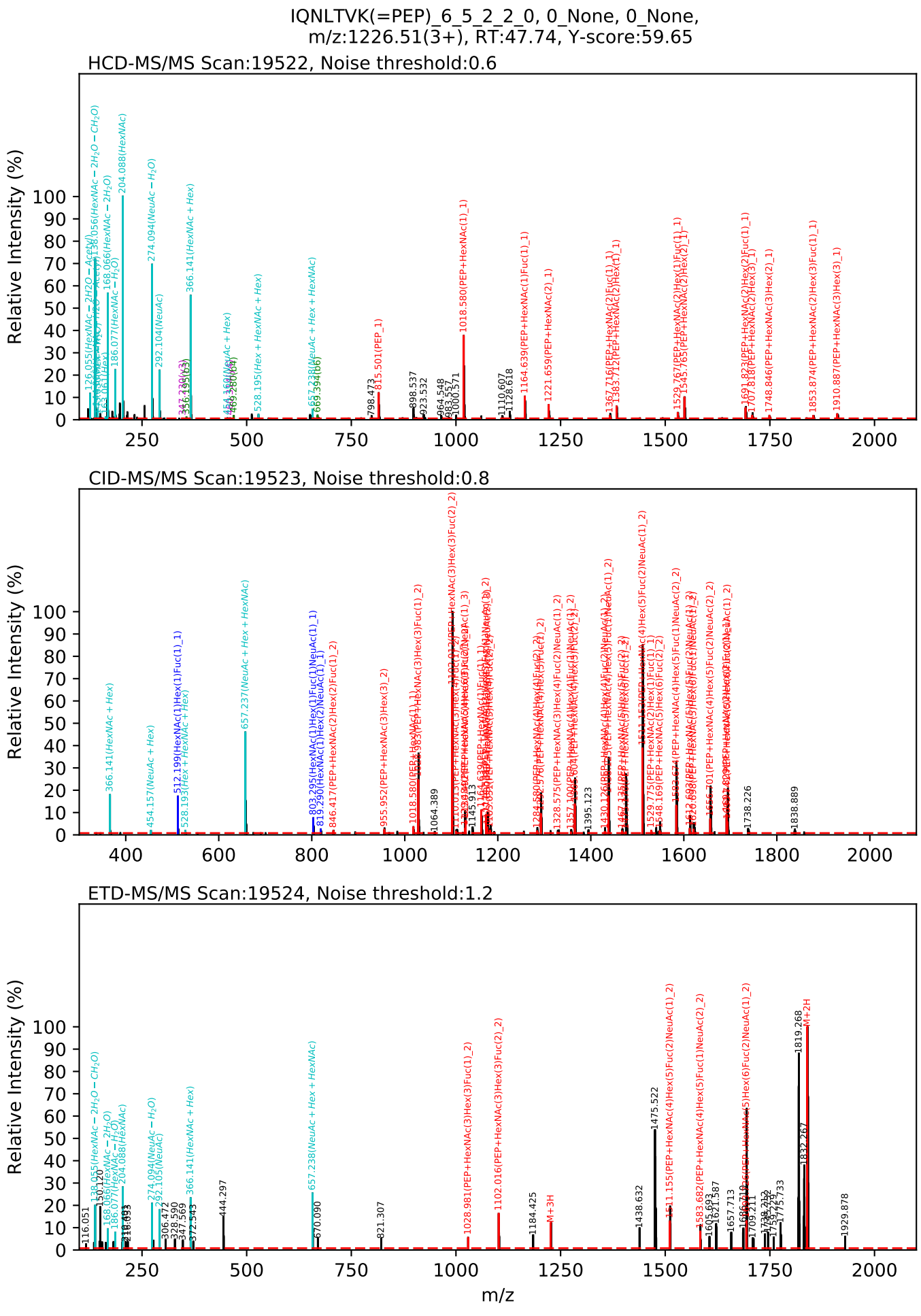

IQNLTVK(=PEP)_6_5_1_2_0, 0_None, 0_None,
m/z:1177.83(3+), RT:48.48, Y-score:59.37
HCD-MS/MS Scan:19867, Noise threshold:0.6
CID-MS/MS Scan:19868, Noise threshold:0.7
ETD-MS/MS Scan:19869, Noise threshold:0.9
Relative Intensity (%)
m/z

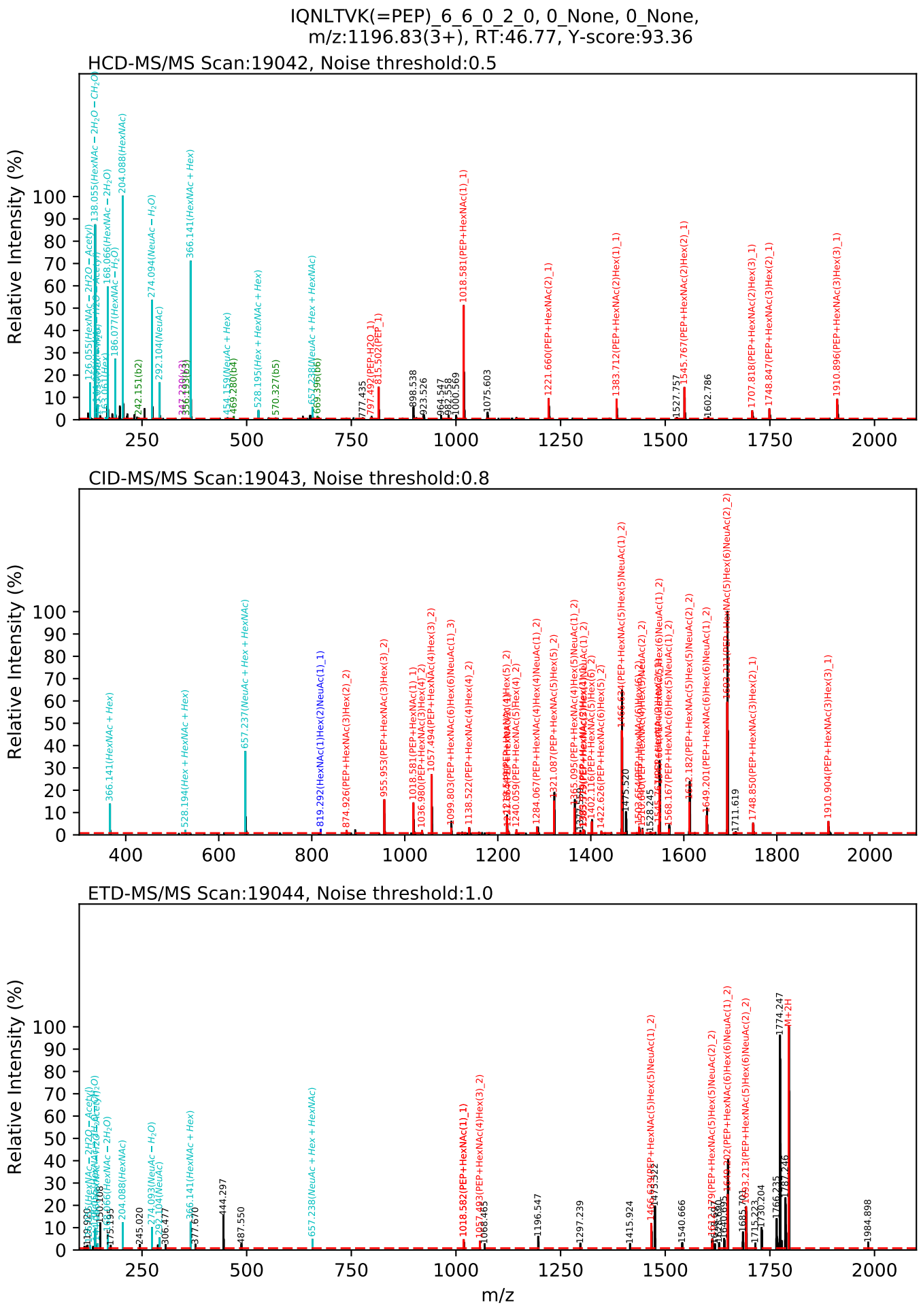

IQNLTVK(=PEP)_6_5_1_3_0, 0_None, 0_None,
m/z:1274.86(3+), RT:64.07, Y-score:89.09
HCD-MS/MS Scan:27553, Noise threshold:0.6
CID-MS/MS Scan:27551, Noise threshold:0.7
ETD-MS/MS Scan:27552, Noise threshold:1.8
Relative Intensity (%)
m/z

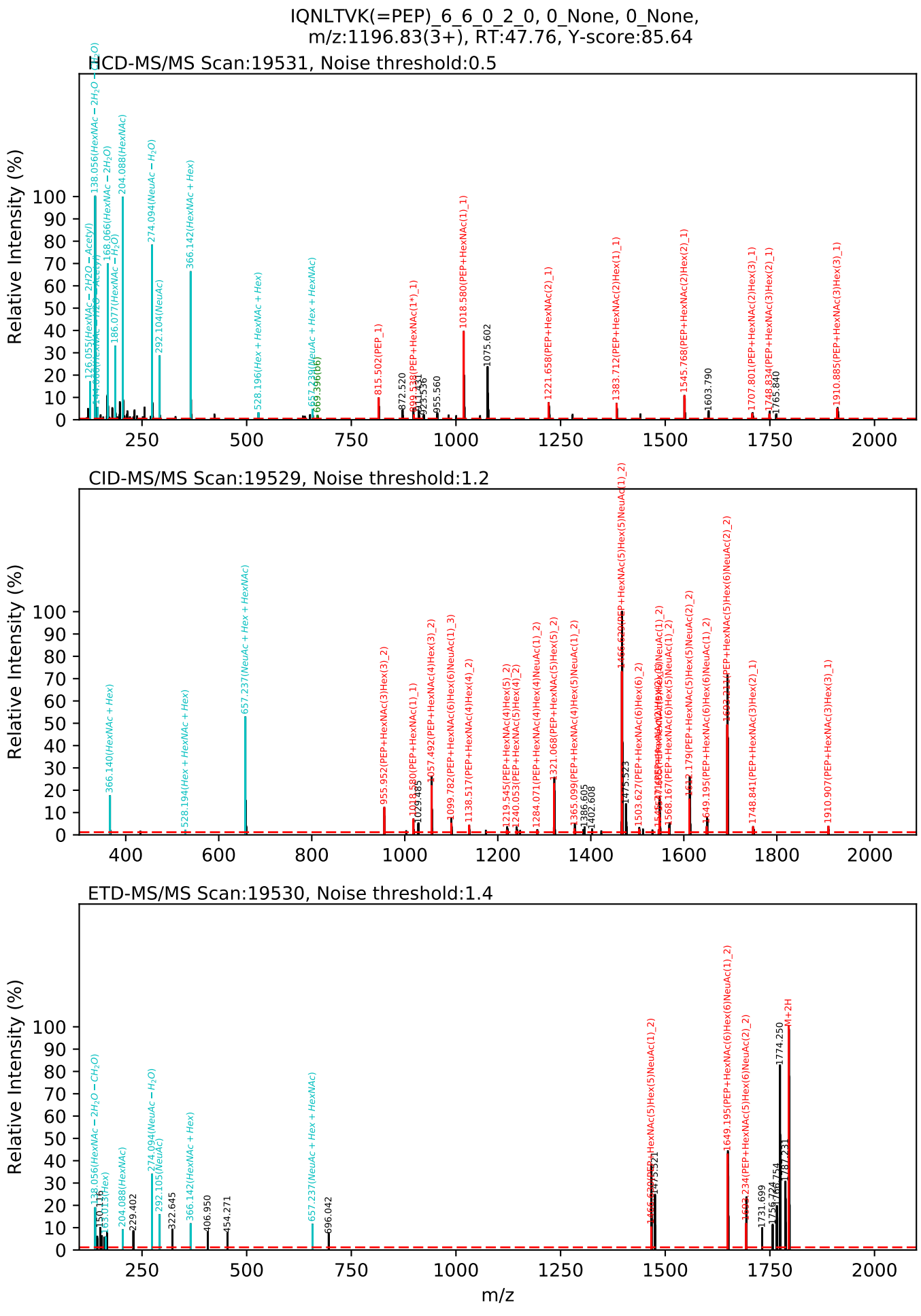

IQNLTVK(=PEP)_6_5_1_3_0, 0_None, 0_None,
m/z:1274.86(3+), RT:64.63, Y-score:61.06
HCD-MS/MS Scan:27832, Noise threshold:0.8
Relative Intensity (%)
126.055(HexNAc − 2H2O − 4CH2O)
144.066(HexNAc − 2H2O − 3CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.279(b4)
528.194(Hex + HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
669.394(b6)
815.500(PEP_1)
922.535
1018.578(PEP+HexNAc(1)_1)
1128.611
1164.632(PEP+HexNAc(1)Fuc(1)_1)
1221.656(PEP+HexNAc(2)_1)
1383.703(PEP+HexNAc(2)Hex(1)_1)
1529.775(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1545.756(PEP+HexNAc(2)Hex(2)_1)
1691.816(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.811(PEP+HexNAc(2)Hex(3)_1)
1748.852(PEP+HexNAc(3)Hex(2)_1)
1853.856
1910.886(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:27833, Noise threshold:0.8
Relative Intensity (%)
366.140(HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
1028.983(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
1101.493(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1164.641(PEP+HexNAc(3)Hex(3)Fuc(1)NeuAc(1)_2)
1211.554
1219.543(PEP+HexNAc(4)Hex(5)_2)
1292.575(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1357.096(PEP+HexNAc(4)Hex(4)Fuc(1)NeuAc(1)_2)
1438.124(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(1)_2)
1475.524
1539.651(PEP+HexNAc(5)Hex(5)Fuc(1)NeuAc(1)_2)
1620.703(PEP+HexNAc(5)Hex(6)Fuc(1)NeuAc(1)_2)
1691.827(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1766.247(PEP+HexNAc(5)Hex(6)Fuc(1)NeuAc(2)_2)
m/z

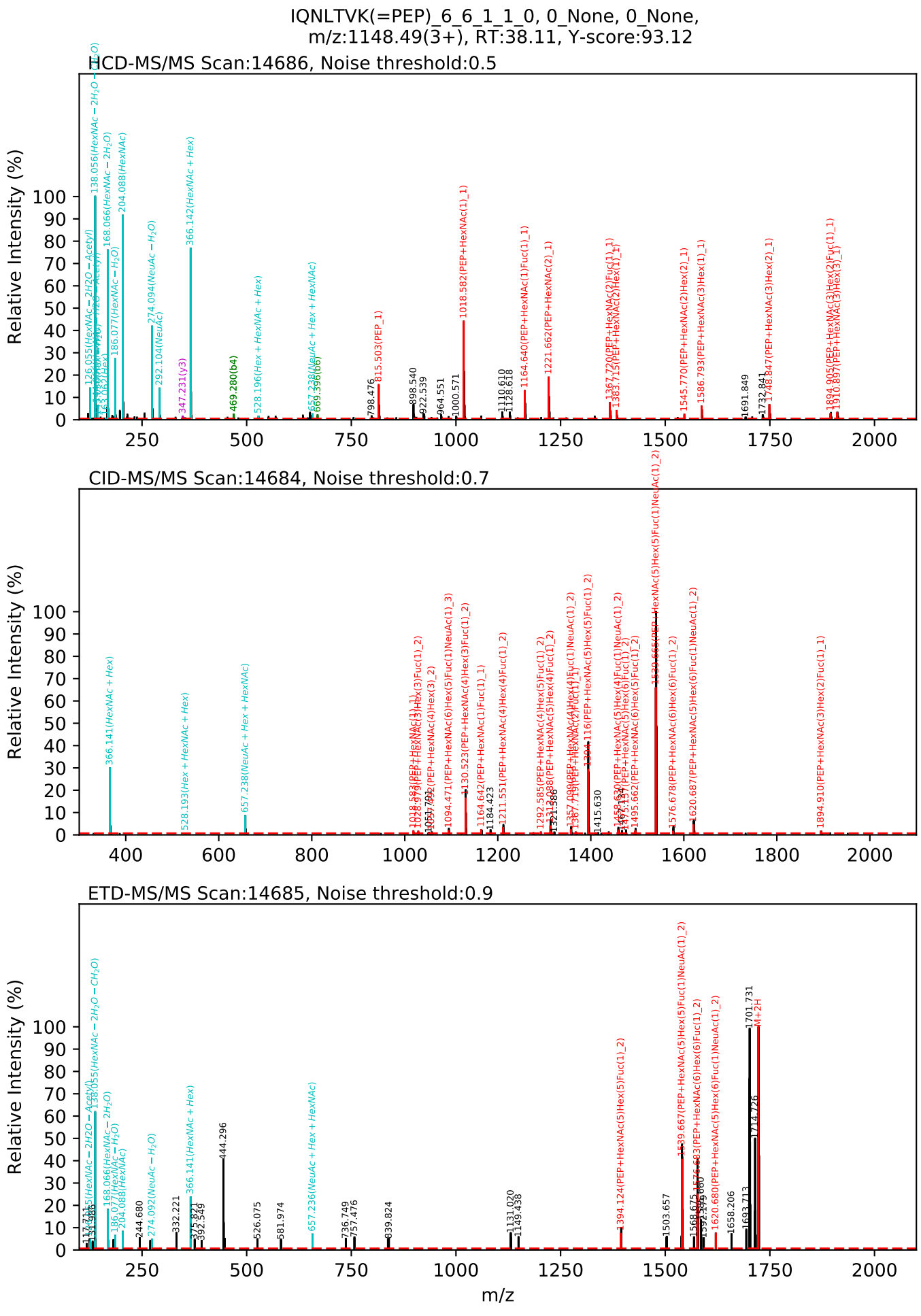

IQNLTVK(=PEP)_6_5_2_0_0, 0_None, 0_None,
m/z:1548.16(2+), RT:25.83, Y-score:91.35
HCD-MS/MS Scan:8451, Noise threshold:0.7
CID-MS/MS Scan:8452, Noise threshold:0.9
ETD-MS/MS Scan:8453, Noise threshold:1.0
Relative Intensity (%)
m/z

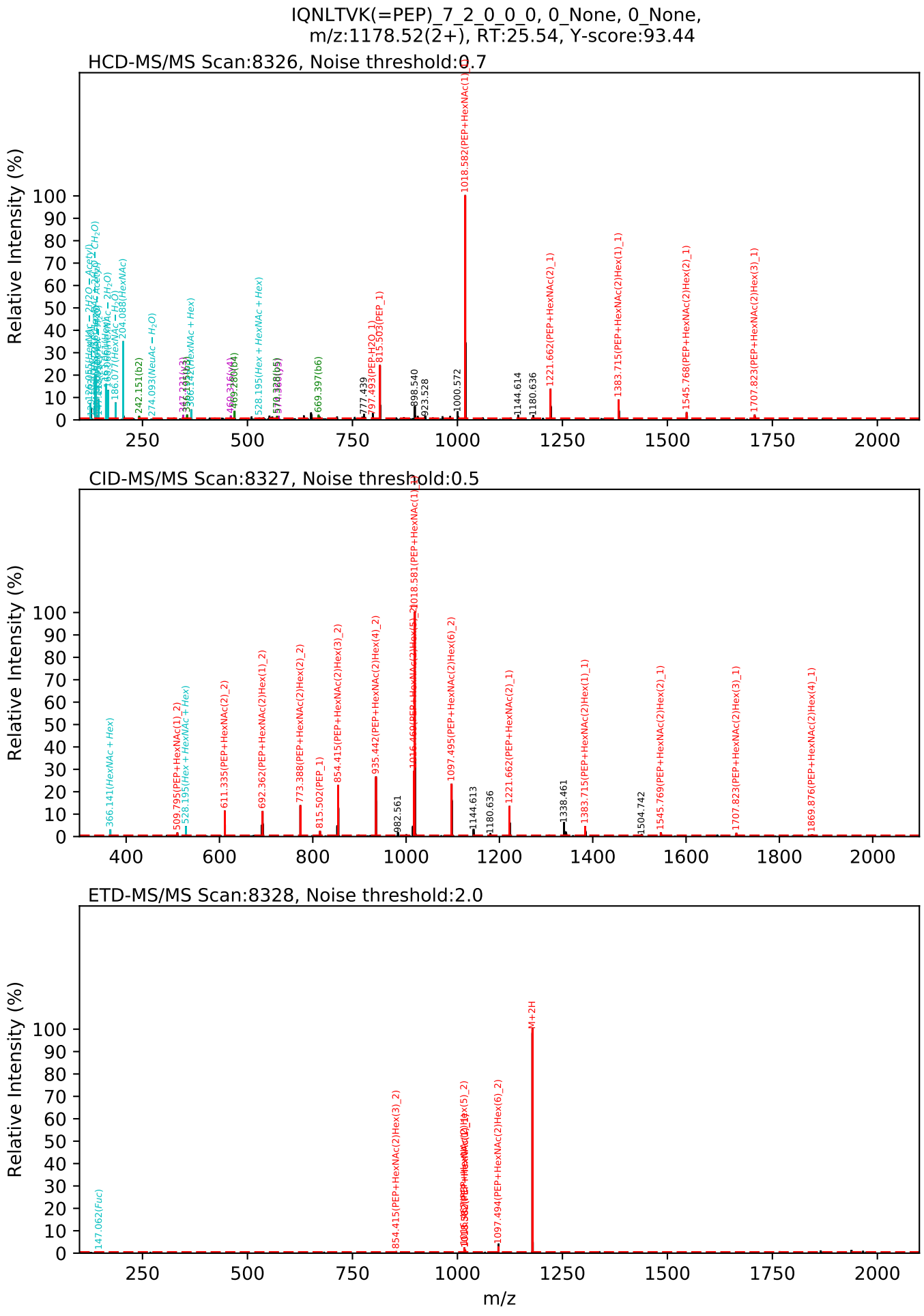

IQNLTVK(=PEP)_6_5_2_2_0, 0_None, 0_None,
m/z:1226.51(3+), RT:46.79, Y-score:93.95
HCD-MS/MS Scan:19051, Noise threshold:0.6
CID-MS/MS Scan:19049, Noise threshold:0.8
ETD-MS/MS Scan:19050, Noise threshold:1.1
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_6_5_2_2_0, 0_None, 0_None,
m/z:1226.51(3+), RT:47.74, Y-score:59.65
HCD-MS/MS Scan:19522, Noise threshold:0.6
CID-MS/MS Scan:19523, Noise threshold:0.8
ETD-MS/MS Scan:19524, Noise threshold:1.2
Relative Intensity (%)
m/z

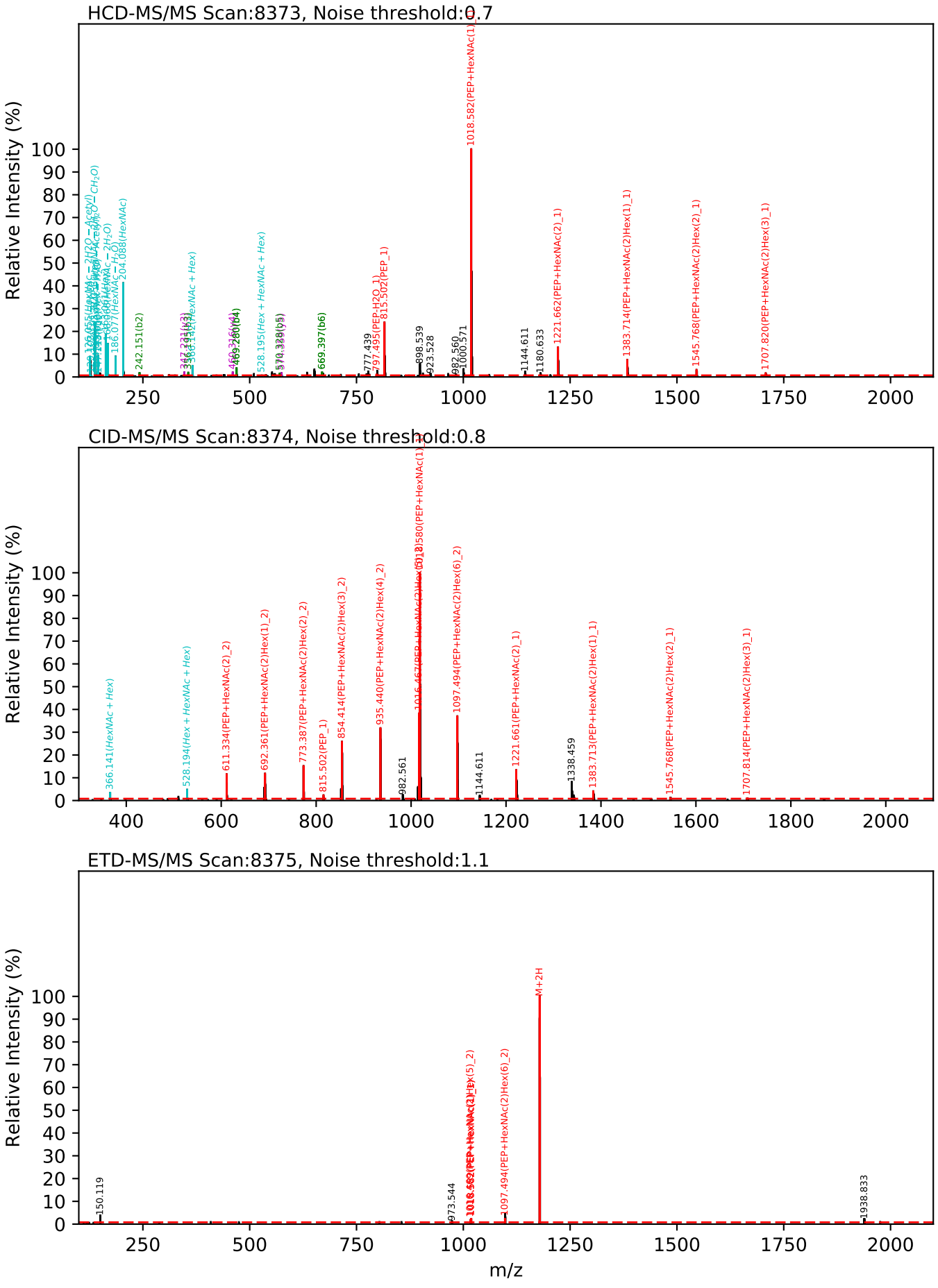

IQNLTVK(=PEP)_6_6_0_2_0, 0_None, 0_None,
m/z:1196.83(3+), RT:46.77, Y-score:93.36
HCD-MS/MS Scan:19042, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:19043, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:19044, Noise threshold:1.0
Relative Intensity (%)
m/z

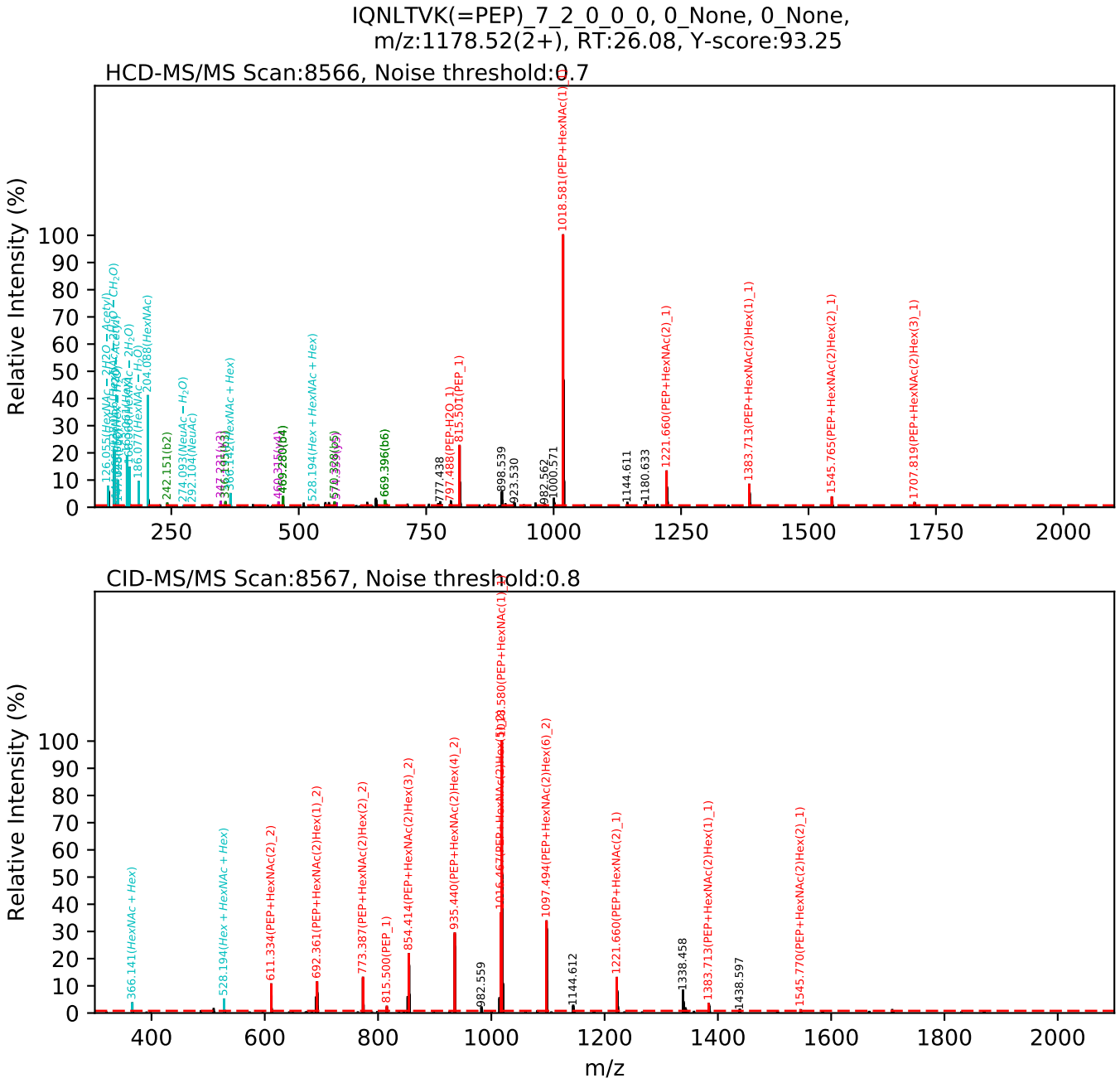

IQNLTVK(=PEP)_6_6_0_2_0, 0_None, 0_None,
m/z:1196.83(3+), RT:47.76, Y-score:85.64
HCD-MS/MS Scan:19531, Noise threshold:0.5
CID-MS/MS Scan:19529, Noise threshold:1.2
ETD-MS/MS Scan:19530, Noise threshold:1.4
Relative Intensity (%)
m/z

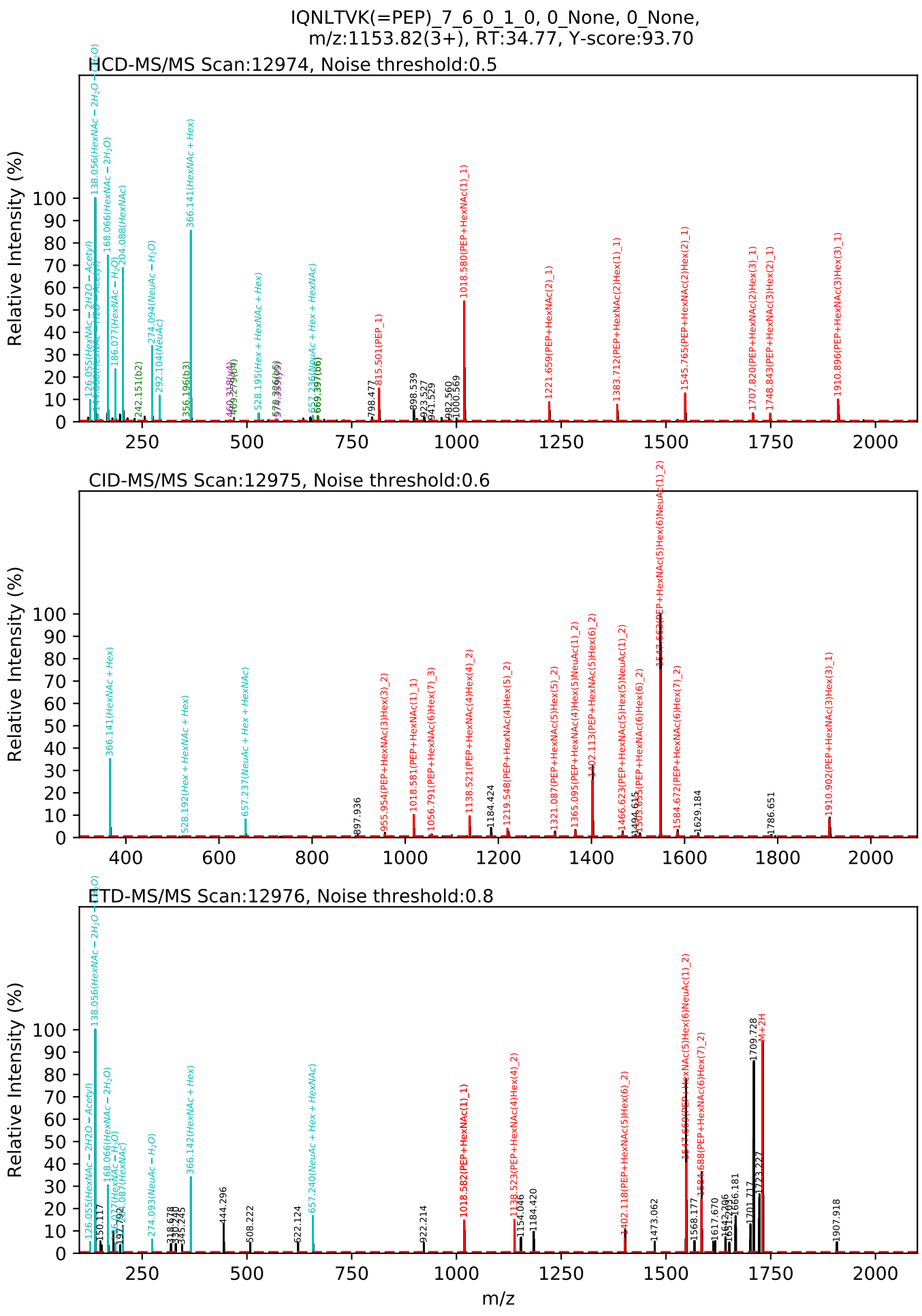

IQNLTVK(=PEP)_6_6_1_1_0, 0_None, 0_None,
m/z:1148.49(3+), RT:38.11, Y-score:93.12
HCD-MS/MS Scan:14686, Noise threshold:0.5
CID-MS/MS Scan:14684, Noise threshold:0.7
ETD-MS/MS Scan:14685, Noise threshold:0.9
Relative Intensity (%)
m/z

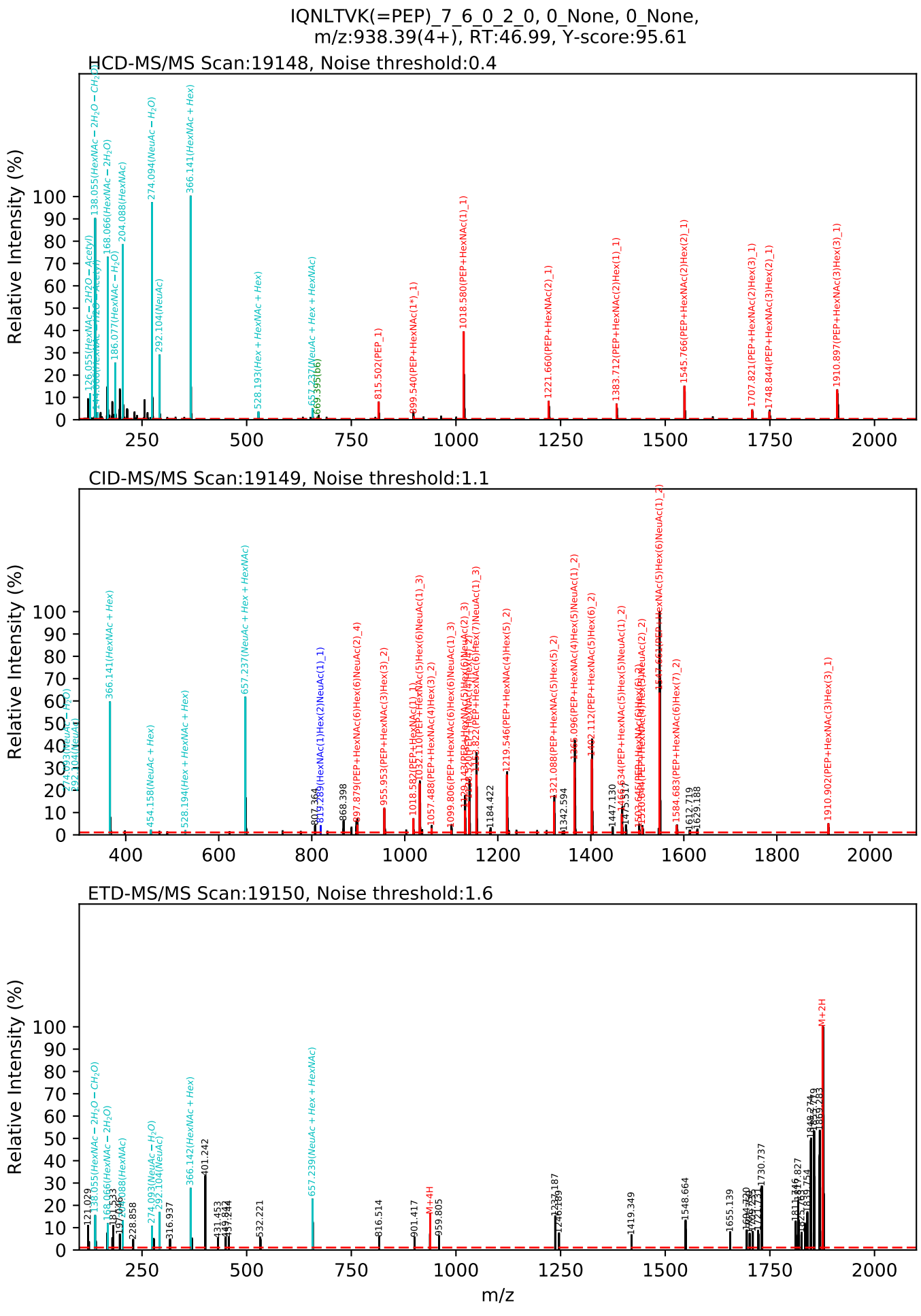

IQNLTVK(=PEP)_7_2_0_0_0, 0_None, 0_None,
m/z:1178.52(2+), RT:25.54, Y-score:93.44
HCD-MS/MS Scan:8326, Noise threshold:0.7
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:8327, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
935.442(PEP+HexNAc(2)Hex(4)_2)
1097.495(PEP+HexNAc(2)Hex(6)_2)
1221.662(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1869.876(PEP+HexNAc(2)Hex(4)_1)
ETD-MS/MS Scan:8328, Noise threshold:2.0
Relative Intensity (%)
147.062(Fuc)
854.415(PEP+HexNAc(2)Hex(3)_2)
1097.494(PEP+HexNAc(2)Hex(6)_2)
M+2H
m/z

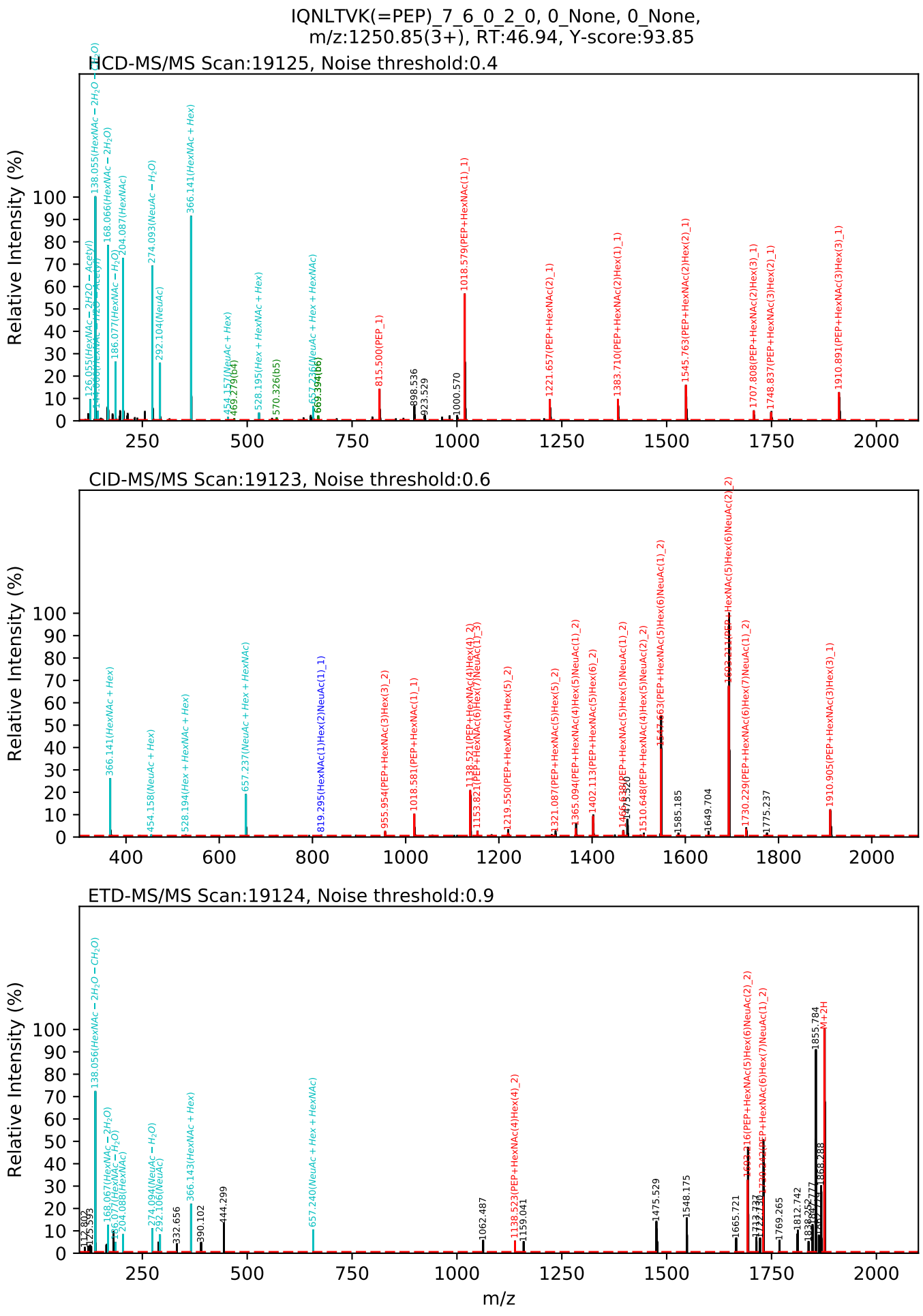
IQNLTVK(=PEP)_7_2_0_0_0, 0_None, 0_None,
m/z:1178.52(2+), RT:25.64, Y-score:93.57

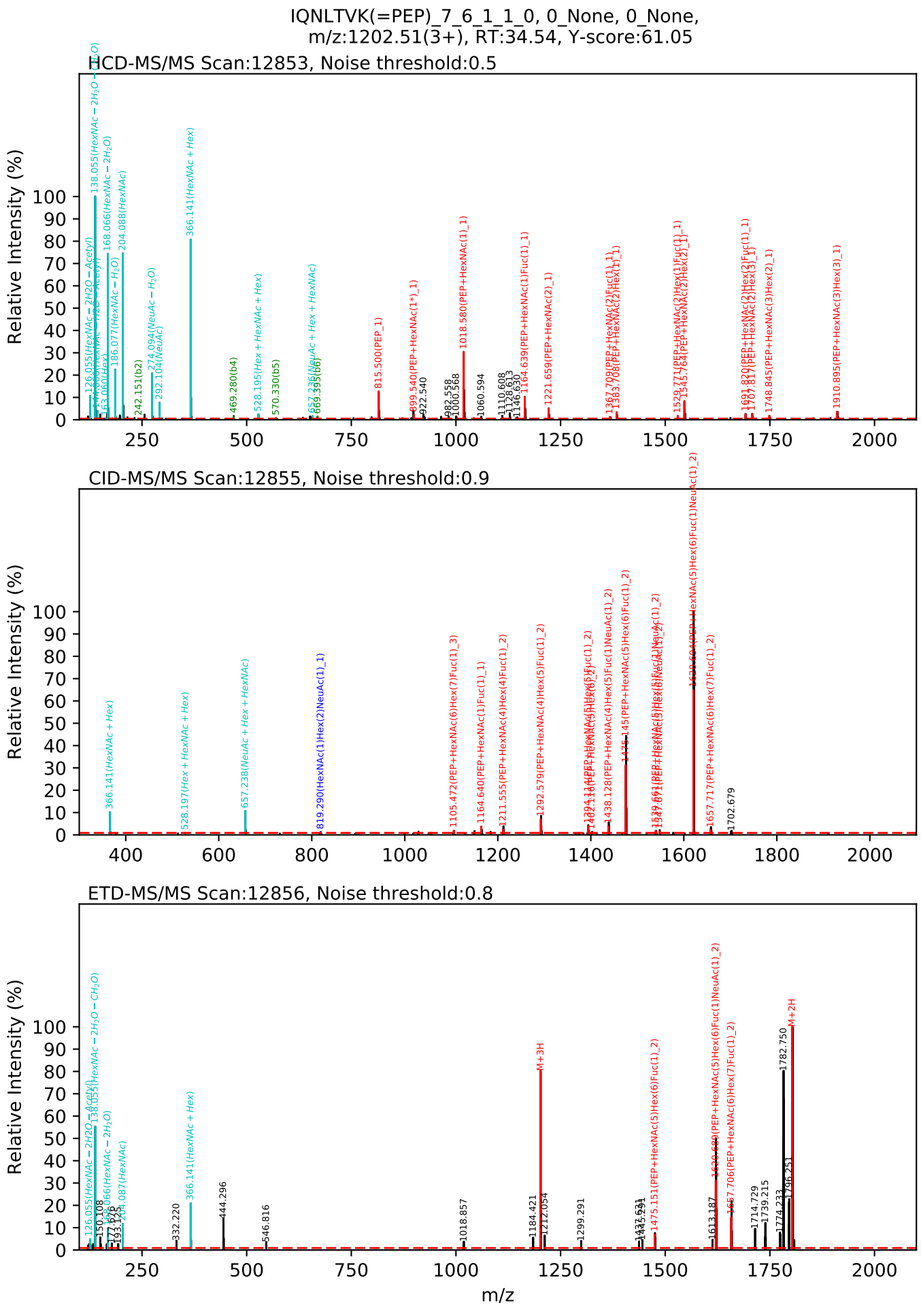


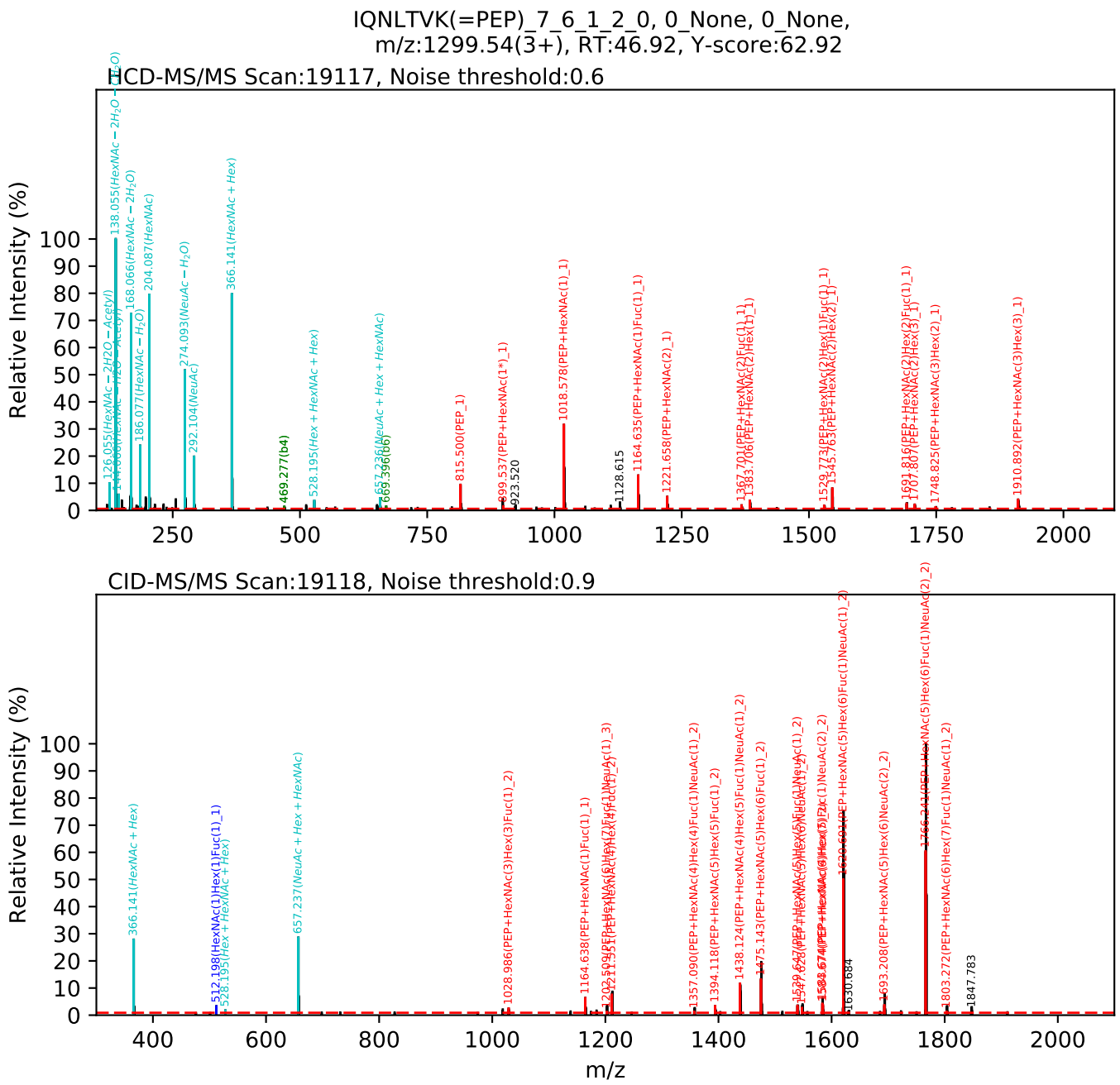

IQNLTVK(=PEP)_7_2_0_0_0, 0_None, 0_None,
m/z:1178.52(2+), RT:26.08, Y-score:93.25
HCD-MS/MS Scan:8566, Noise threshold:0.7
Relative Intensity (%)
242.151(b2)
274.093(NeuAc − H2O)
292.104(NeuAc)
347.231(b3)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
669.396(b6)
777.438
797.488(PEP-H2O_1)
815.501(PEP_1)
898.539
923.530
982.562
1000.571
1018.581(PEP+HexNAc(1)_1)
1144.611
1180.633
1221.660(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
m/z
CID-MS/MS Scan:8567, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
815.500(PEP_1)
854.414(PEP+HexNAc(2)Hex(3)_2)
935.440(PEP+HexNAc(2)Hex(4)_2)
982.559
1016.467(PEP+HexNAc(2)Hex(5)_2)
1028.580(PEP+HexNAc(1)_1)
1097.494(PEP+HexNAc(2)Hex(6)_2)
1144.612
1221.660(PEP+HexNAc(2)_1)
1338.458
1383.713(PEP+HexNAc(2)Hex(1)_1)
1438.597
1545.770(PEP+HexNAc(2)Hex(2)_1)
m/z

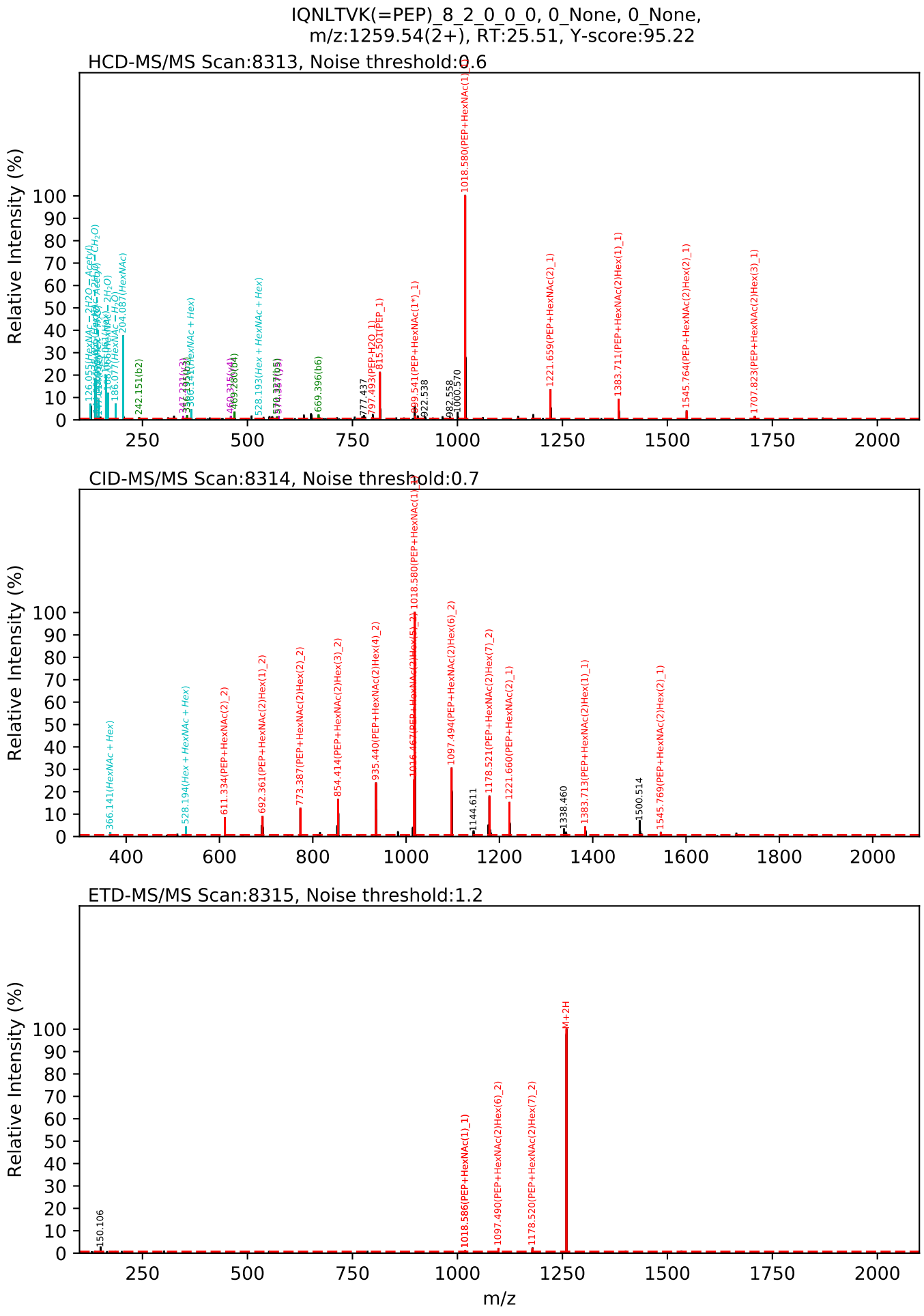

IQNLTVK(=PEP)_7_6_0_1_0, 0_None, 0_None,
m/z:1153.82(3+), RT:34.77, Y-score:93.70
HCD-MS/MS Scan:12974, Noise threshold:0.5
CID-MS/MS Scan:12975, Noise threshold:0.6
ETD-MS/MS Scan:12976, Noise threshold:0.8
Relative Intensity (%)
m/z

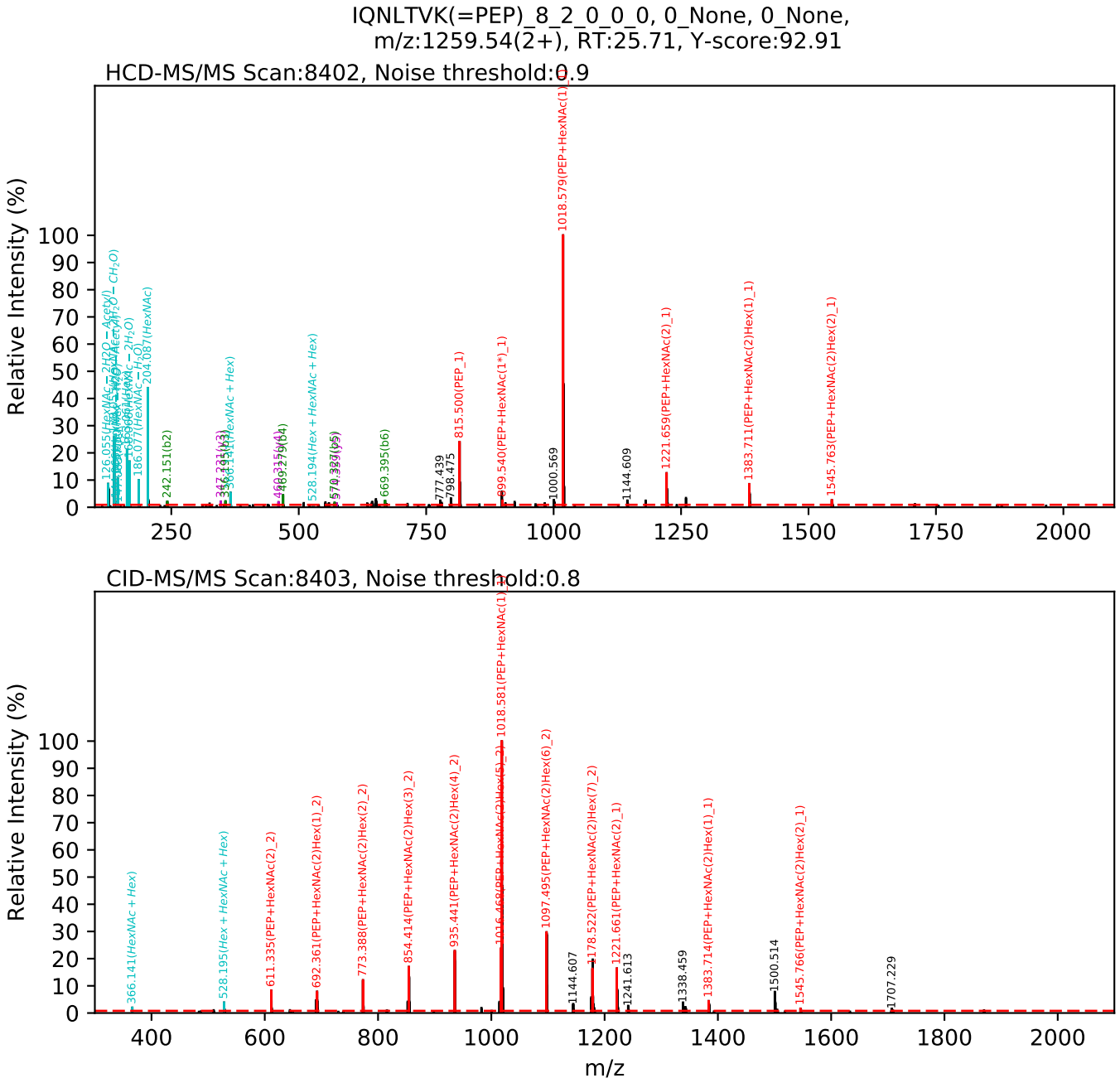

IQNLTVK(=PEP)_7_6_0_2_0, 0_None, 0_None,
m/z:938.39(4+), RT:46.99, Y-score:95.61
HCD-MS/MS Scan:19148, Noise threshold:0.4
Relative Intensity (%)
366.141(HexNAc + Hex)
274.094(NeuAc − H2O)
204.088(HexNAc)
292.104(NeuAc)
528.193(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
815.502(PEP_1)
899.540(PEP+HexNAc(1*)_1)
1018.580(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.844(PEP+HexNAc(3)Hex(2)_1)
1910.897(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:19149, Noise threshold:1.1
Relative Intensity (%)
366.141(HexNAc + Hex)
454.158(NeuAc + Hex)
528.194(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
868.398
897.879(PEP+HexNAc(6)Hex(6)NeuAc(2)_4)
955.953(PEP+HexNAc(3)Hex(3)_2)
1057.488(PEP+HexNAc(4)Hex(3)_2)
1099.806(PEP+HexNAc(6)Hex(6)NeuAc(1)_3)
1184.422
1219.546(PEP+HexNAc(4)Hex(5)_2)
1321.088(PEP+HexNAc(5)Hex(5)_2)
1342.594
1492.112(PEP+HexNAc(5)Hex(6)_2)
1584.683(PEP+HexNAc(6)Hex(7)_2)
1910.902(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:19150, Noise threshold:1.6
Relative Intensity (%)
366.142(HexNAc + Hex)
401.242
657.239(NeuAc + Hex + HexNAc)
816.514
901.417
959.805
1419.349
1548.664
1655.139
1730.737
M+2H
M+4H
m/z

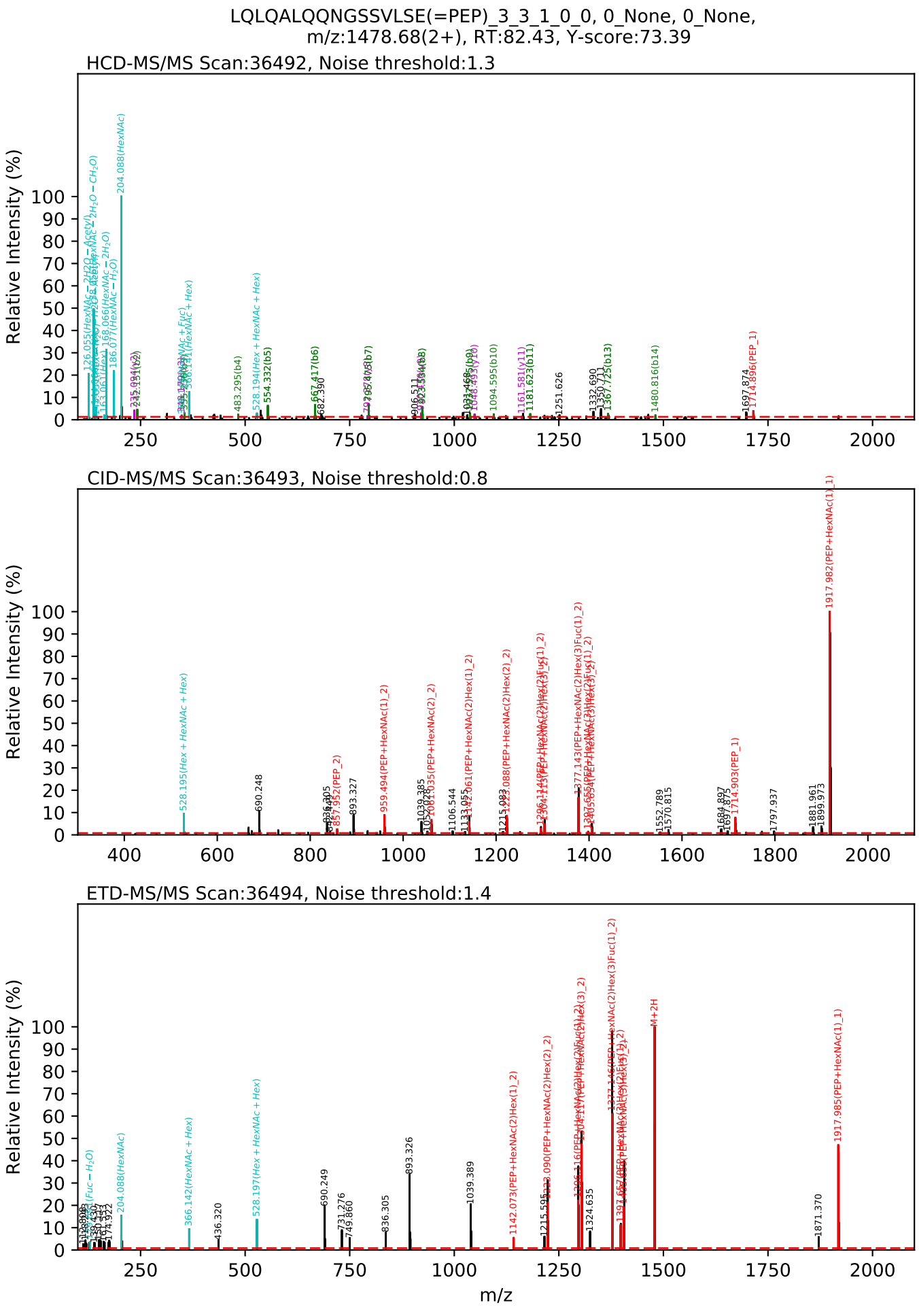

IQNLTVK(=PEP)_7_6_0_2_0, 0_None, 0_None,
m/z:1250.85(3+), RT:46.94, Y-score:93.85
HCD-MS/MS Scan:19125, Noise threshold:0.4
Relative Intensity (%)
CID-MS/MS Scan:19123, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:19124, Noise threshold:0.9
Relative Intensity (%)
m/z

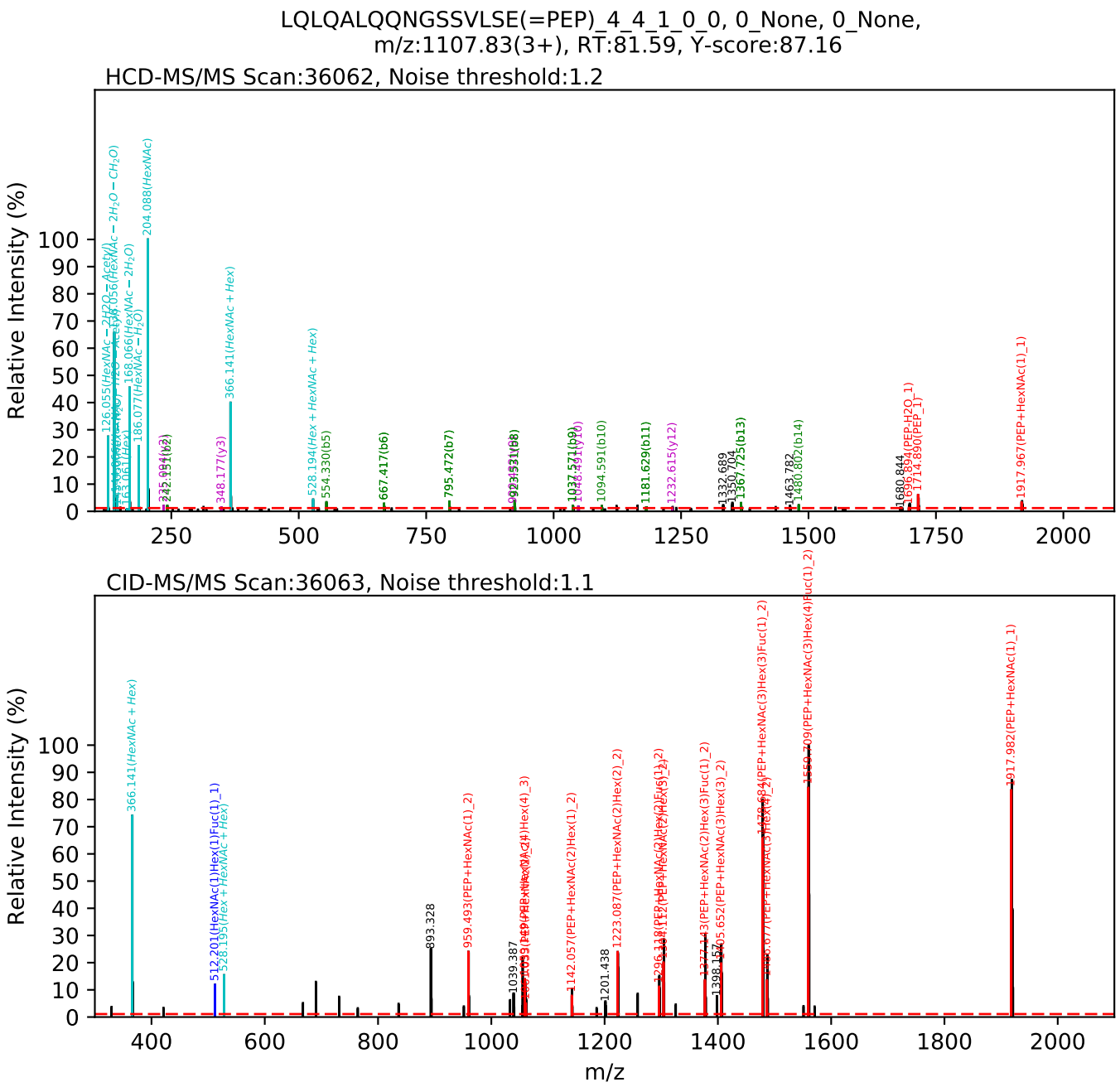

IQNLTVK(=PEP)_7_6_1_1_0, 0_None, 0_None,
m/z:1202.51(3+), RT:34.54, Y-score:61.05
HCD-MS/MS Scan:12853, Noise threshold:0.5
CID-MS/MS Scan:12855, Noise threshold:0.9
ETD-MS/MS Scan:12856, Noise threshold:0.8
Relative Intensity (%)
m/z

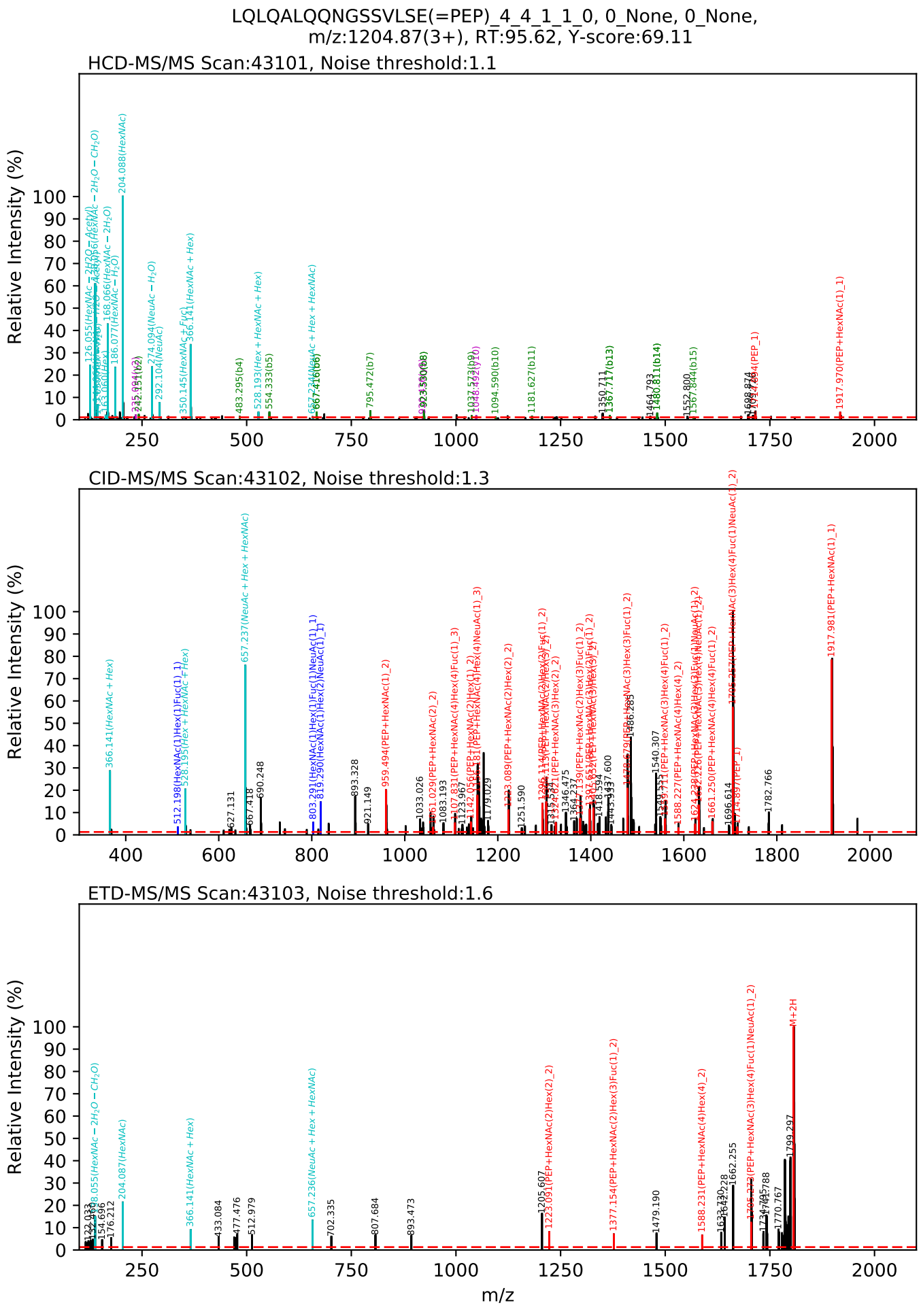

IQNLTVK(=PEP)_7_6_1_2_0, 0_None, 0_None,
m/z:1299.54(3+), RT:46.92, Y-score:62.92
HCD-MS/MS Scan:19117, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.277(b4)
528.195(Hex + HexNAc + Hex)
815.500(PEP_1)
999.537(PEP+HexNAc(1*)_1)
1018.578(PEP+HexNAc(1)_1)
1164.635(PEP+HexNAc(1)Fuc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1910.892(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:19118, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
512.198(HexNAc(1)Hex(1)Fuc(1)_1)
528.195(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
1028.986(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1357.090(PEP+HexNAc(4)Hex(4)Fuc(1)NeuAc(1)_2)
1394.118(PEP+HexNAc(5)Hex(5)Fuc(1)_2)
1438.124(PEP+HexNAc(4)Hex(5)Fuc(1)NeuAc(1)_2)
1475.143(PEP+HexNAc(5)Hex(6)Fuc(1)_2)
1650.684
1693.208(PEP+HexNAc(5)Hex(6)NeuAc(2)_2)
1803.272(PEP+HexNAc(6)Hex(7)Fuc(1)NeuAc(1)_2)
1847.783
m/z

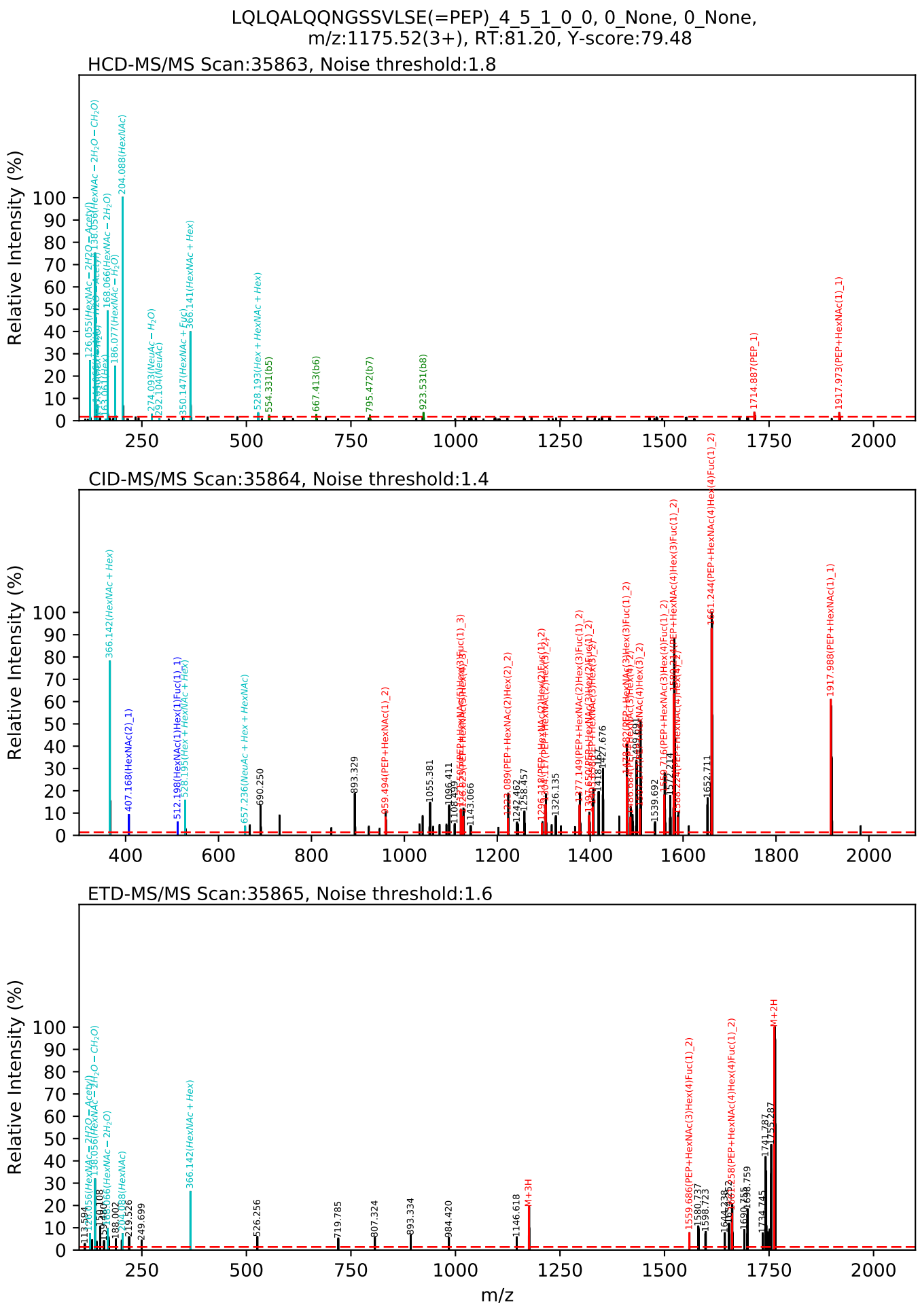

IQNLTVK(=PEP)_8_2_0_0_0, 0_None, 0_None,
m/z:1259.54(2+), RT:25.51, Y-score:95.22
HCD-MS/MS Scan:8313, Noise threshold:0.6
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
204.087(HexNAc)
242.151(b2)
669.396(b6)
797.493(PEP-H2O_1)
815.501(PEP_1)
CID-MS/MS Scan:8314, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
935.440(PEP+HexNAc(2)Hex(4)_2)
1016.467(PEP+HexNAc(2)Hex(5)_2)
1018.580(PEP+HexNAc(1)_1)
1097.494(PEP+HexNAc(2)Hex(6)_2)
1144.611
1178.521(PEP+HexNAc(2)Hex(7)_2)
1221.660(PEP+HexNAc(2)_1)
1338.460
1383.713(PEP+HexNAc(2)Hex(1)_1)
1500.514
1545.769(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:8315, Noise threshold:1.2
Relative Intensity (%)
150.106
1018.586(PEP+HexNAc(1)_1)
1097.490(PEP+HexNAc(2)Hex(6)_2)
1178.520(PEP+HexNAc(2)Hex(7)_2)
M+2H
m/z


IQNLTVK(=PEP)_8_2_0_0_0, 0_None, 0_None,
m/z:1259.54(2+), RT:25.71, Y-score:92.91
HCD-MS/MS Scan:8402, Noise threshold:0.9
Relative Intensity (%)
1018.579(PEP+HexNAc(1)_1)
204.087(HexNAc)
242.151(b2)
528.194(Hex + HexNAc + Hex)
669.395(b6)
777.439
798.475
815.500(PEP_1)
899.540(PEP+HexNAc(1*)_1)
1000.569
1144.609
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
m/z
CID-MS/MS Scan:8403, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
935.441(PEP+HexNAc(2)Hex(4)_2)
1018.581(PEP+HexNAc(1)_1)
1097.495(PEP+HexNAc(2)Hex(6)_2)
1144.607
1178.522(PEP+HexNAc(2)Hex(7)_2)
1221.661(PEP+HexNAc(2)_1)
1241.613
1338.459
1383.714(PEP+HexNAc(2)Hex(1)_1)
1500.514
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.229
m/z


LQLQALQQNGSSVLSE(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1478.68(2+), RT:82.43, Y-score:73.39
HCD-MS/MS Scan:36492, Noise threshold:1.3
Relative Intensity (%)
204.088(HexNAc)
528.194(Hex + HexNAc + Hex)
483.295(b4)
554.332(b5)
667.417(b6)
1094.595(b10)
1161.581(y11)
1181.623(b11)
1480.816(b14)
1714.896(PEP_1)
CID-MS/MS Scan:36493, Noise threshold:0.8
Relative Intensity (%)
528.195(Hex + HexNAc + Hex)
690.248
857.952(PEP_2)
893.327
959.494(PEP+HexNAc(1)_2)
1917.982(PEP+HexNAc(1)_1)
ETD-MS/MS Scan:36494, Noise threshold:1.4
Relative Intensity (%)
204.088(HexNAc)
366.142(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
690.249
731.276
749.860
836.305
893.326
1039.389
1142.073(PEP+HexNAc(2)Hex(1)_2)
1324.635
M+2H
1871.370
1917.985(PEP+HexNAc(1)_1)
m/z


LQLQALQQNGSSVLSE(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1107.83(3+), RT:81.59, Y-score:87.16
HCD-MS/MS Scan:36062, Noise threshold:1.2
Relative Intensity (%)
204.088(HexNAc)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
667.417(b6)
795.472(b7)
1094.591(b10)
1181.629(b11)
1232.615(y12)
1917.967(PEP+HexNAc(1)_1)
CID-MS/MS Scan:36063, Noise threshold:1.1
Relative Intensity (%)
366.141(HexNAc + Hex)
512.201(HexNAc(1)Hex(1)Fuc(1)_1)
528.195(Hex + HexNAc + Hex)
893.328
959.493(PEP+HexNAc(1)_2)
1039.387
1142.057(PEP+HexNAc(2)Hex(1)_2)
1201.438
1223.087(PEP+HexNAc(2)Hex(2)_2)
1377.143(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1398.152
1405.652(PEP+HexNAc(3)Hex(3)_2)
1478.684(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
1550.709(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1917.982(PEP+HexNAc(1)_1)
m/z


LQLQALQQNGSSVLSE(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1204.87(3+), RT:95.62, Y-score:69.11
HCD-MS/MS Scan:43101, Noise threshold:1.1
CID-MS/MS Scan:43102, Noise threshold:1.3
ETD-MS/MS Scan:43103, Noise threshold:1.6
Relative Intensity (%)
m/z


LQLQALQQNGSSVLSE(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1175.52(3+), RT:81.20, Y-score:79.48
HCD-MS/MS Scan:35863, Noise threshold:1.8
Relative Intensity (%)
204.088(HexNAc)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
667.413(b6)
795.472(b7)
923.531(b8)
1714.887(PEP_1)
1917.973(PEP+HexNAc(1)_1)
CID-MS/MS Scan:35864, Noise threshold:1.4
Relative Intensity (%)
366.142(HexNAc + Hex)
407.168(HexNAc(2)_1)
657.236(NeuAc + Hex + HexNAc)
690.250
893.329
1055.381
1143.066
1326.135
1427.676
1539.692
1652.711
1917.988(PEP+HexNAc(1)_1)
ETD-MS/MS Scan:35865, Noise threshold:1.6
Relative Intensity (%)
366.142(HexNAc + Hex)
526.256
719.785
807.324
893.334
984.420
1146.618
M+3H
1559.686(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1580.737
1598.723
M+2H
m/z