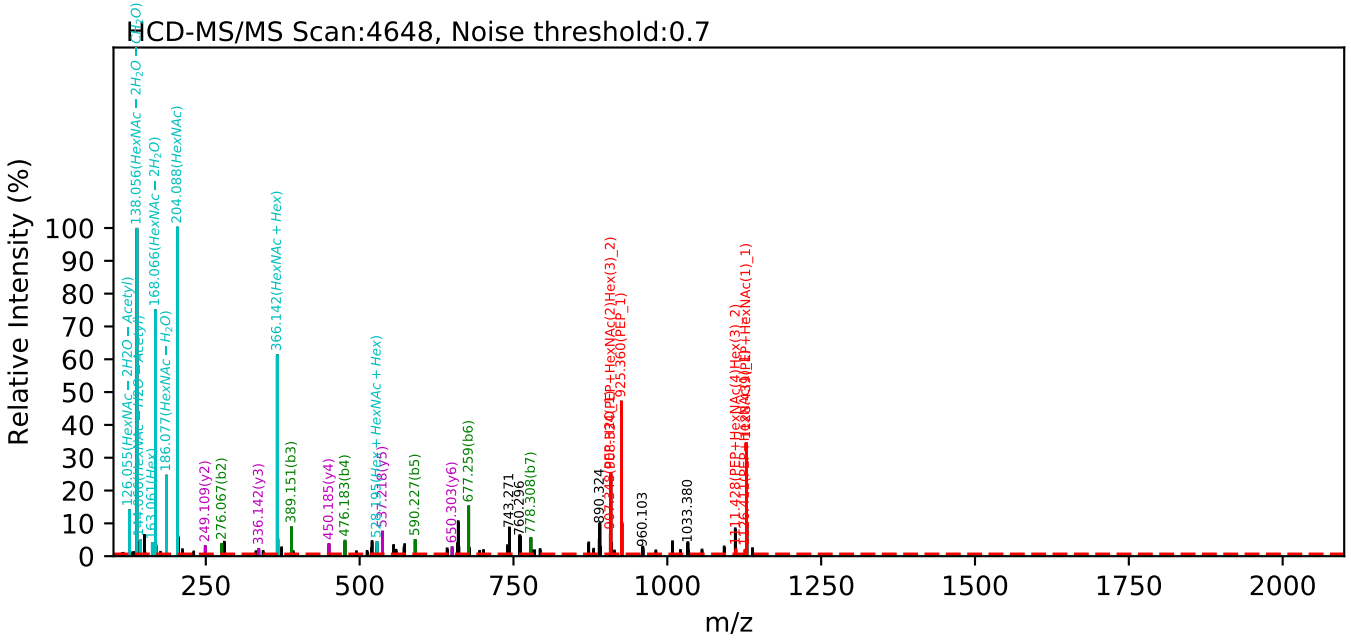
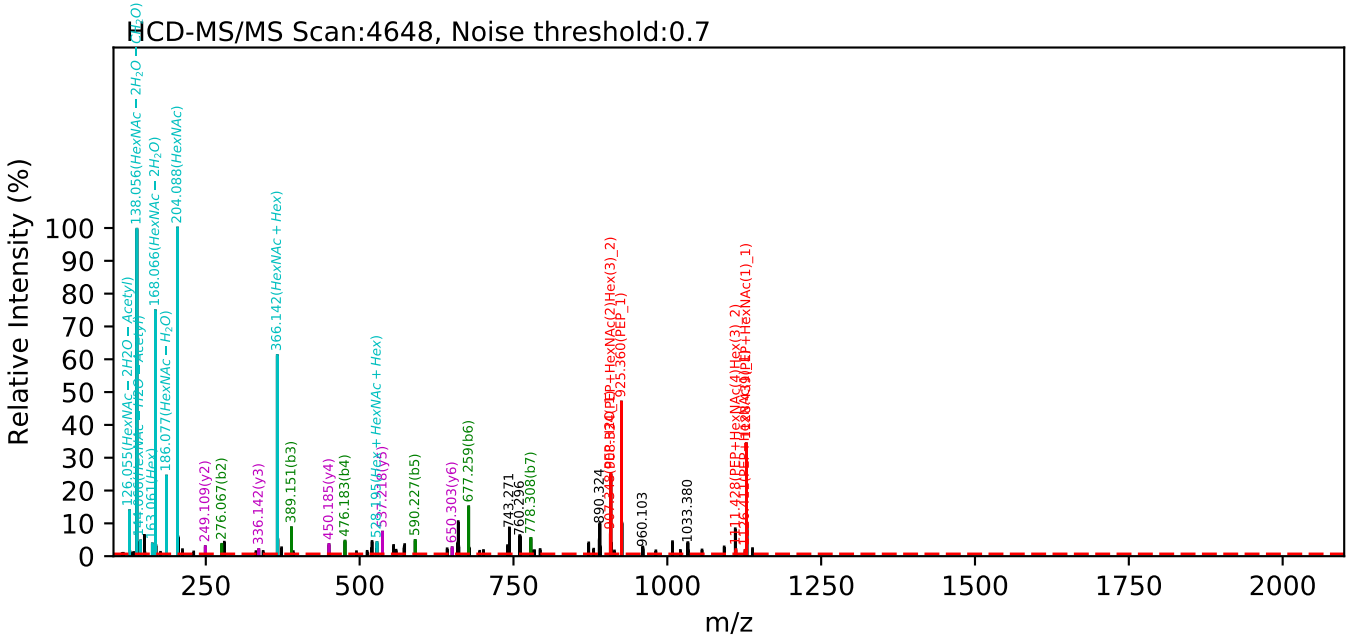
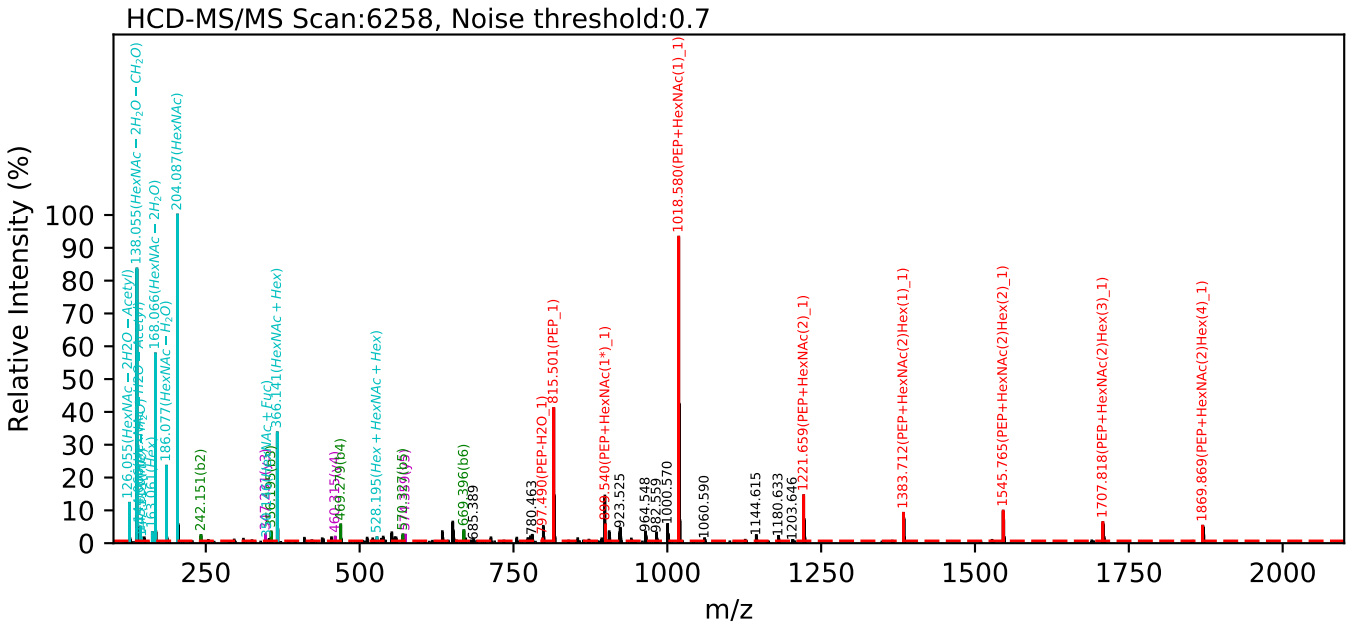
CDISNSTE(=PEP)_6_3_1_0_0, 0_None, 0_None,
m/z:1326.99(2+), RT:22.05, hcd-score:72.83



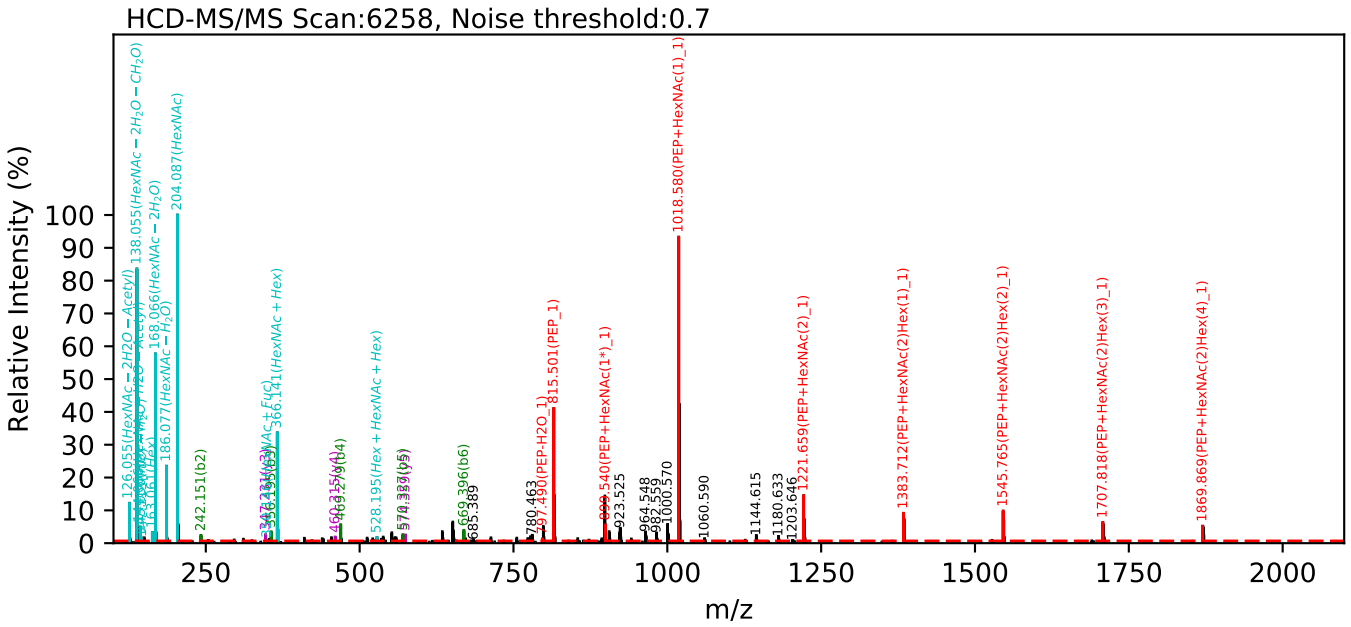
CDISNSTE(=PEP)_6_3_1_0_0, 0_None, 0_None,
m/z:1326.99(2+), RT:22.05, hcd-score:72.83



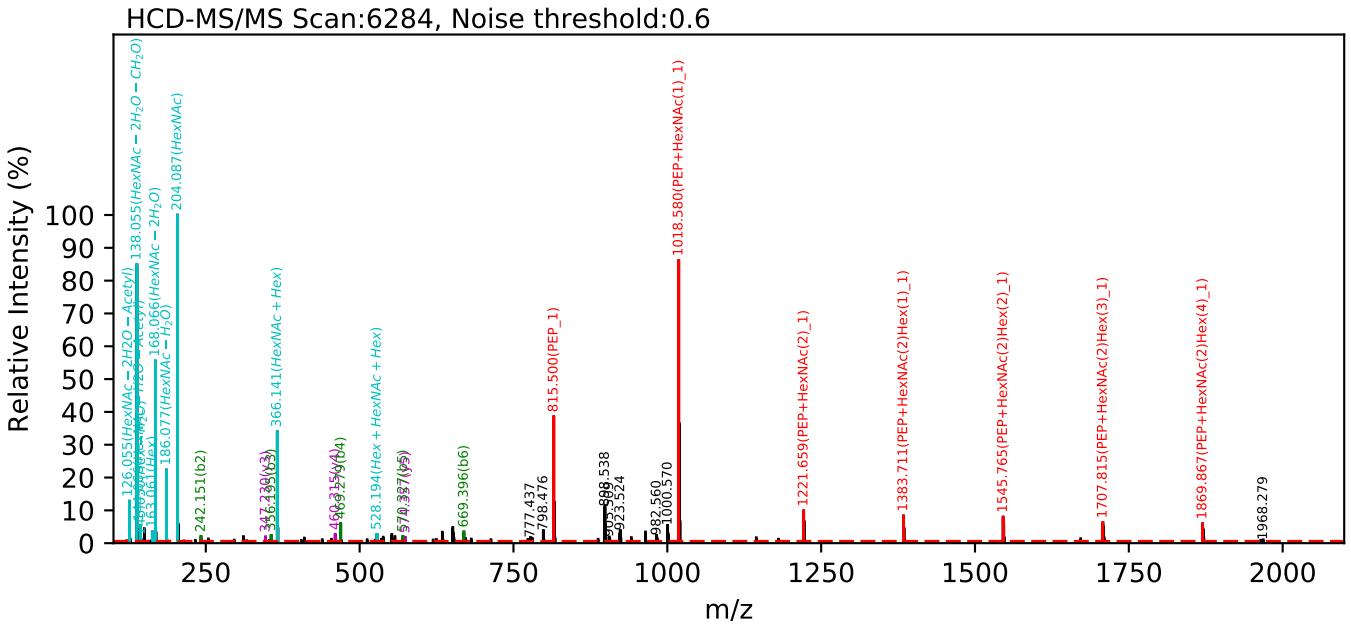
IQNLTVK(=PEP)_6_3_1_0_0, 0_None, 0_None,
m/z:1272.06(4+), RT:25.59, hcd-score:88.78



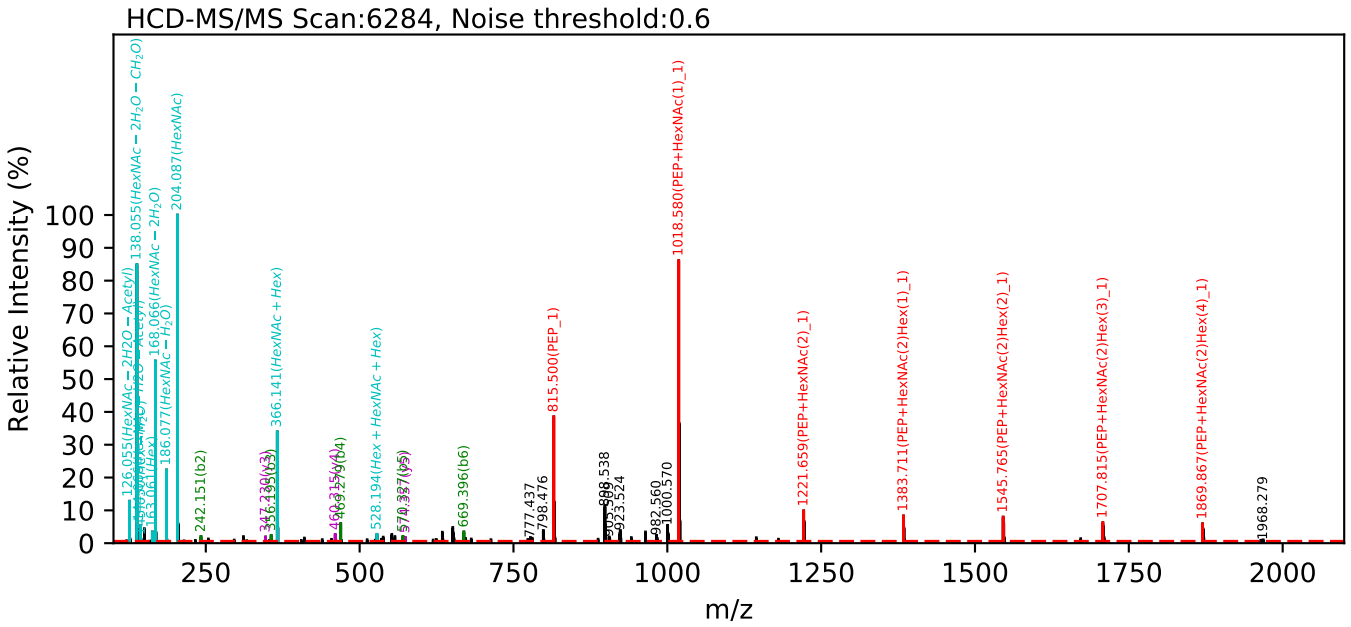
IQNLTVK(=PEP)_6_3_1_0_0, 0_None, 0_None,
m/z:1272.06(4+), RT:25.59, hcd-score:88.78

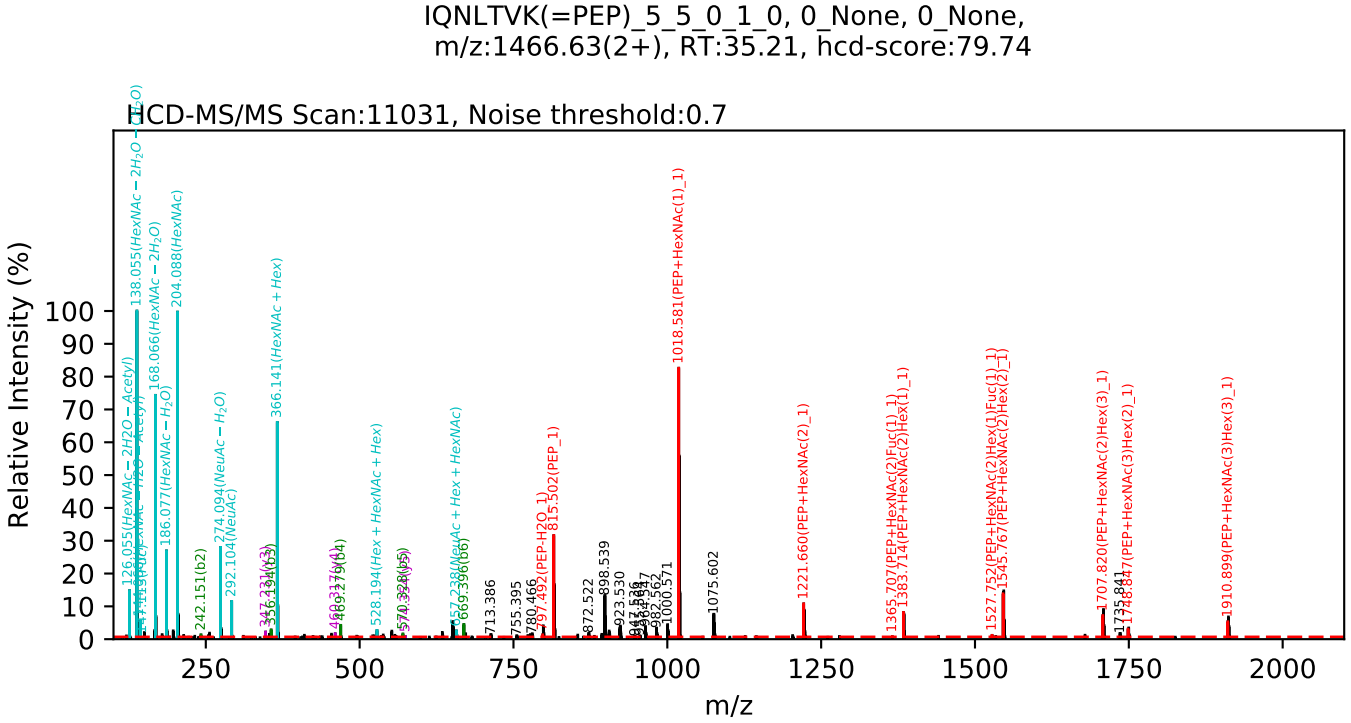


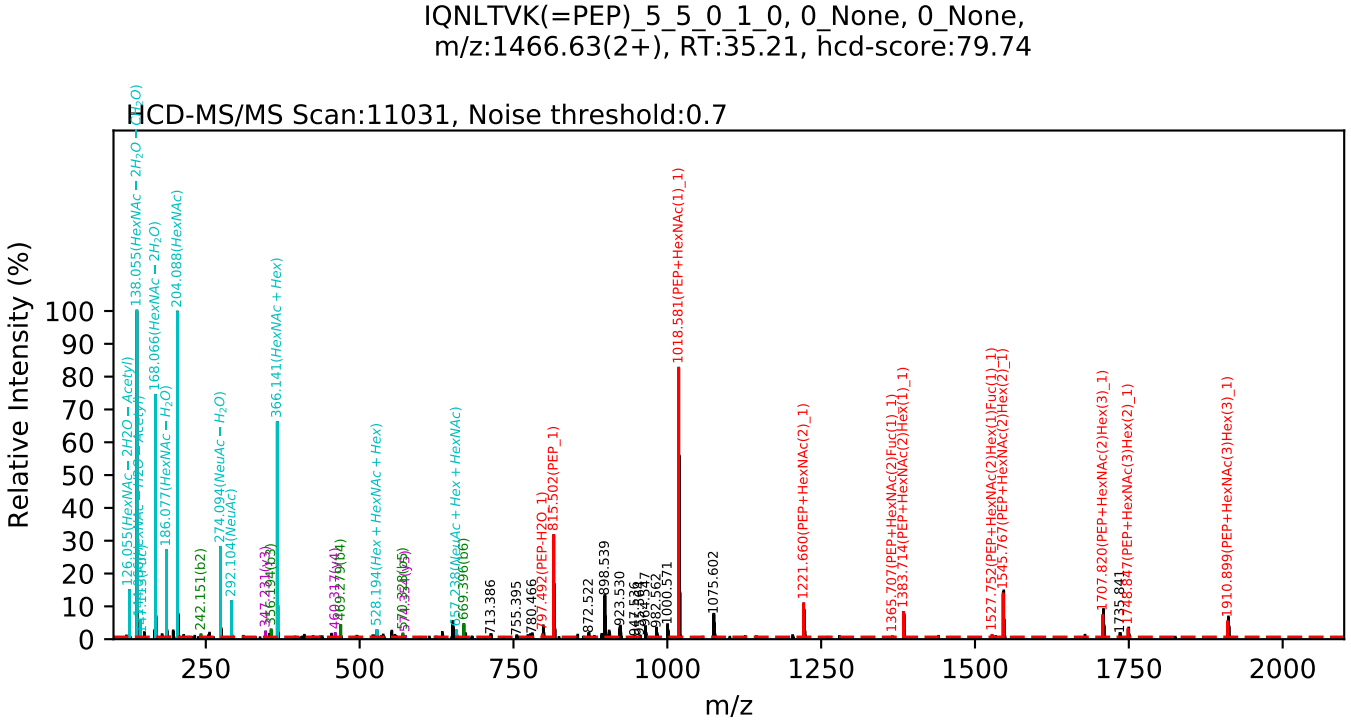
IQNLTVK(=PEP)_6_3_1_0_0, 0_None, 0_None,
m/z:1272.06(4+), RT:25.66, hcd-score:84.91



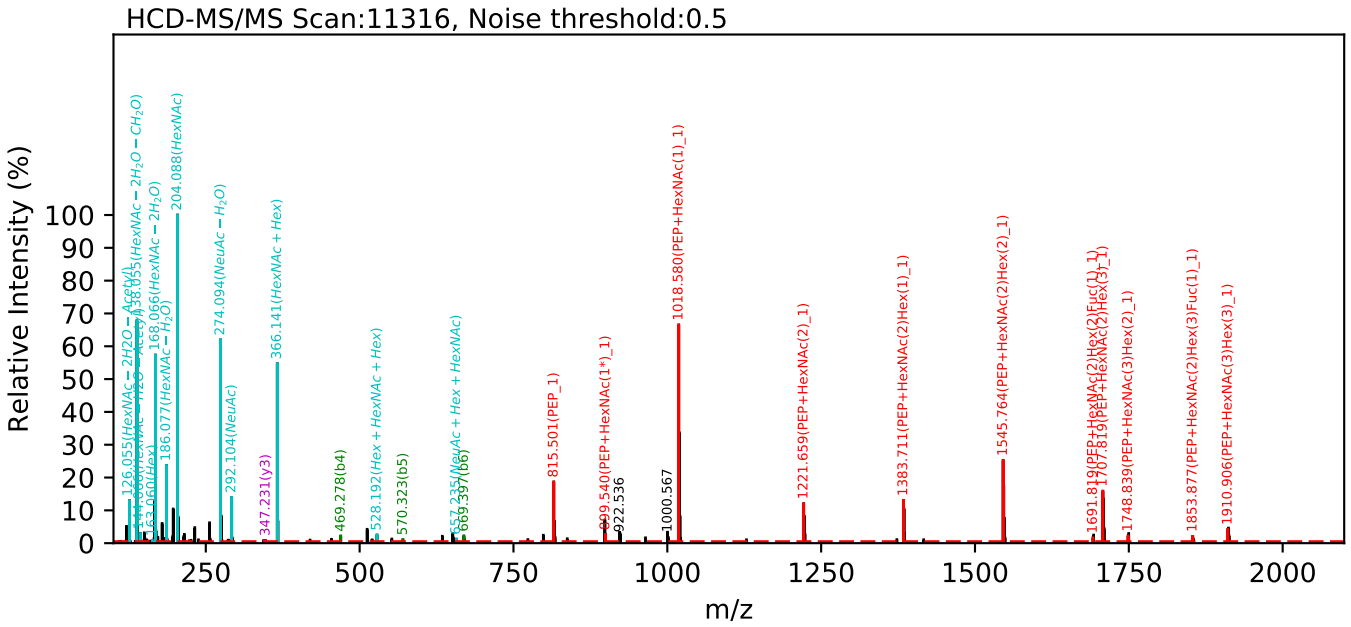
IQNLTVK(=PEP)_6_3_1_0_0, 0_None, 0_None,
m/z:1272.06(4+), RT:25.66, hcd-score:84.91



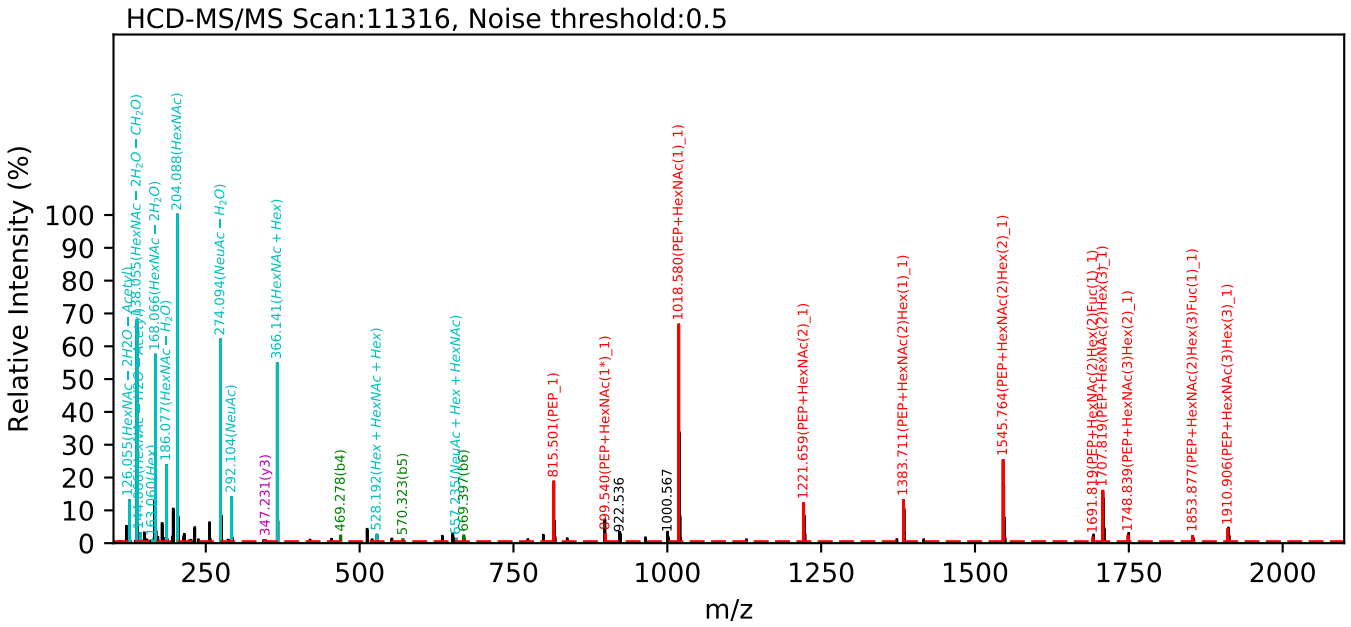

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:1466.63(2+), RT:35.21, hcd-score:79.74
HCD-MS/MS Scan:11031, Noise threshold:0.7
Relative Intensity (%)
m/z
1018.581(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1075.602
204.088(HexNAc)
366.141(HexNAc + Hex)
815.502(PEP_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1365.707(PEP+HexNAc(2)Fuc(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1527.752(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1910.899(PEP+HexNAc(3)Hex(3)_1)


IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:1466.63(2+), RT:35.21, hcd-score:79.74
HCD-MS/MS Scan:11031, Noise threshold:0.7
Relative Intensity (%)
m/z
1018.581(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1075.602
204.088(HexNAc)
366.141(HexNAc + Hex)
815.502(PEP_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1365.707(PEP+HexNAc(2)Fuc(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1527.752(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1910.899(PEP+HexNAc(3)Hex(3)_1)

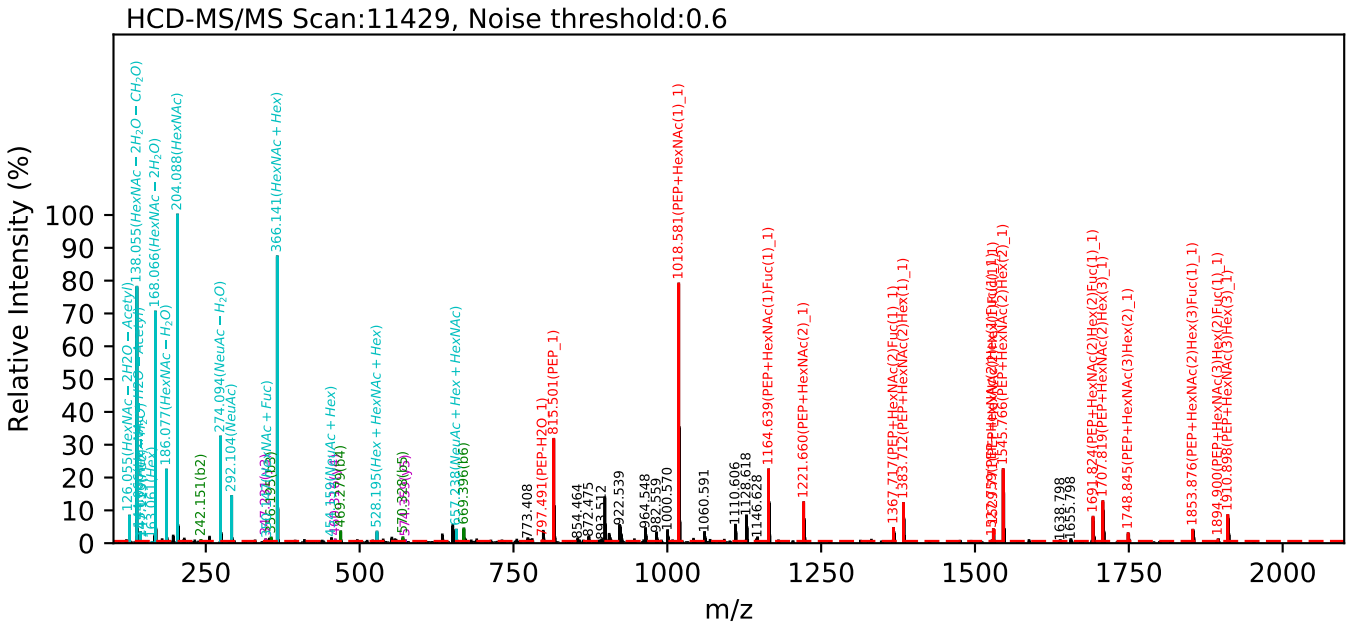
IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(2+), RT:35.79, hcd-score:96.32



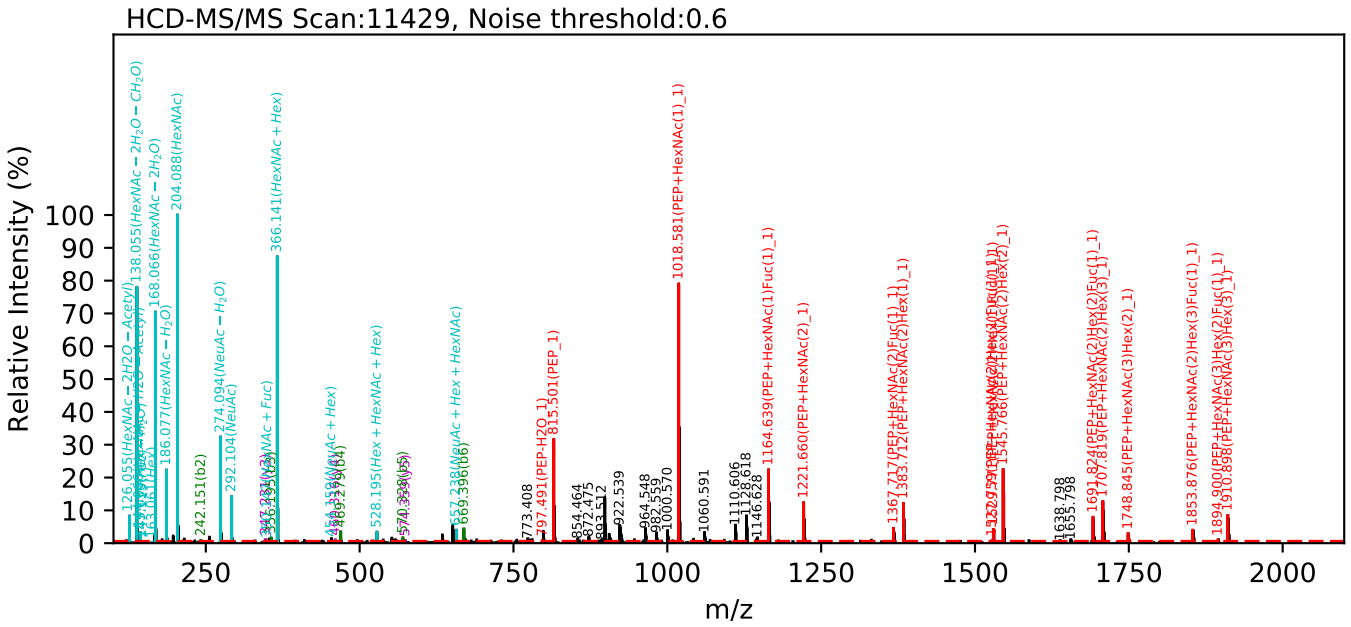
IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(2+), RT:35.79, hcd-score:96.32



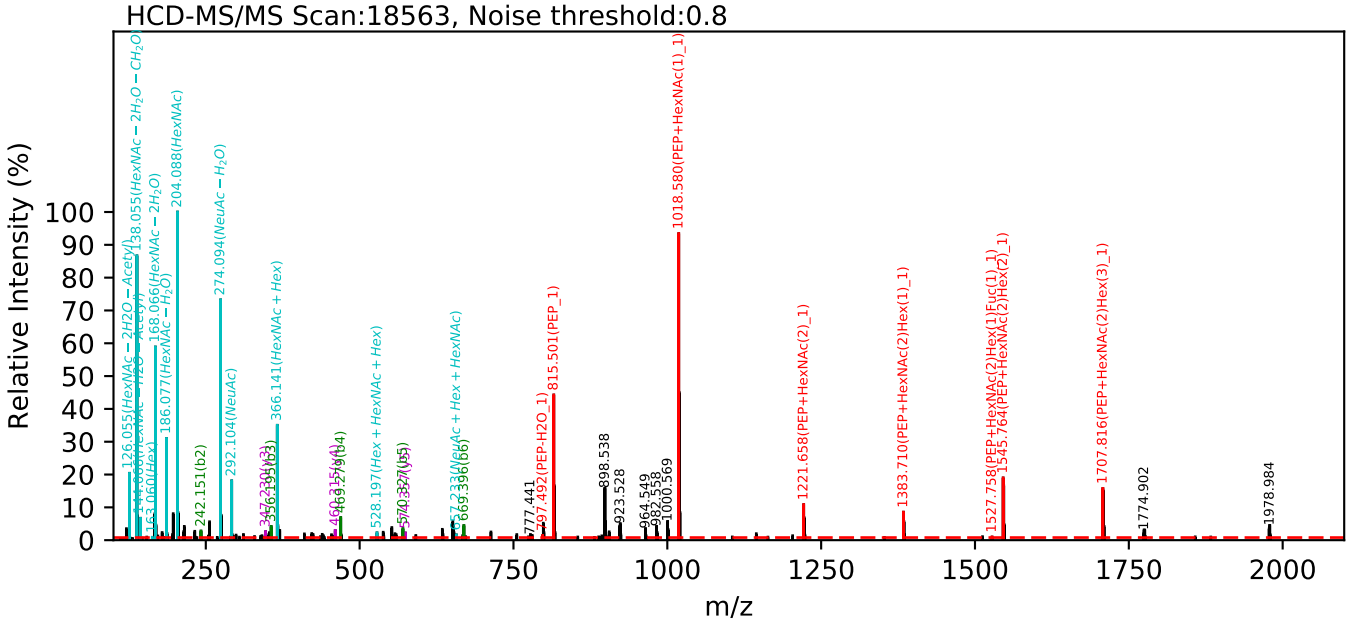
IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.02, hcd-score:80.79



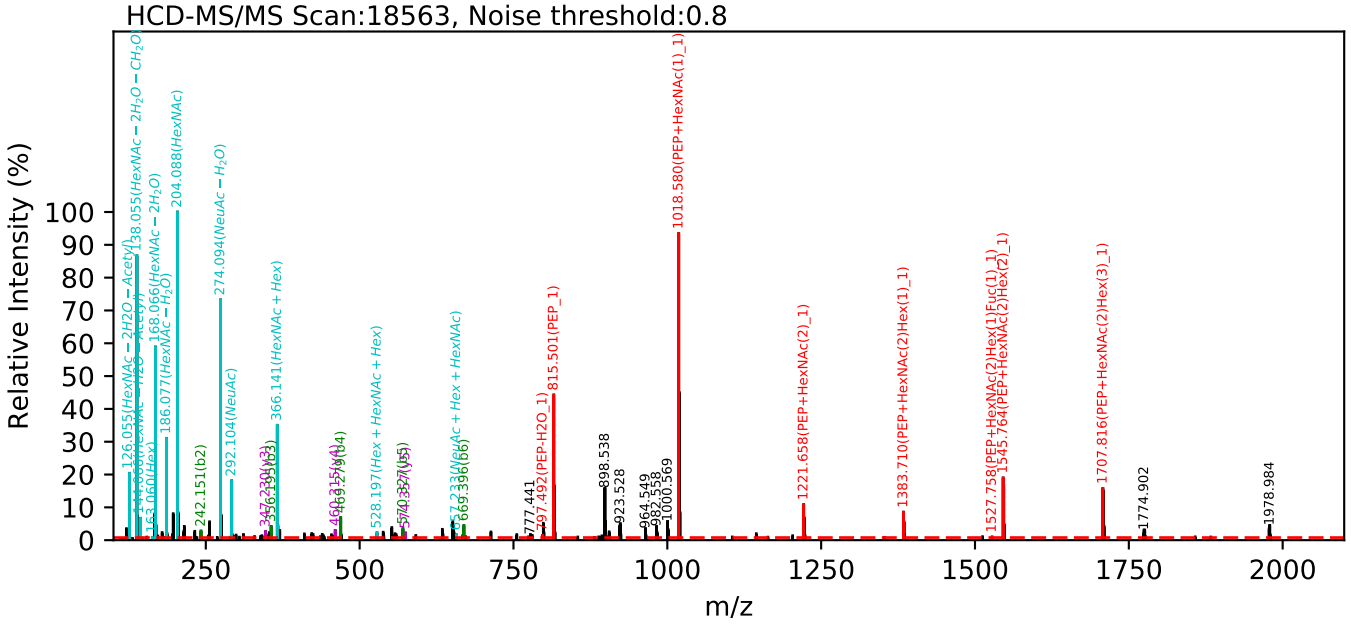
IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.02, hcd-score:80.79

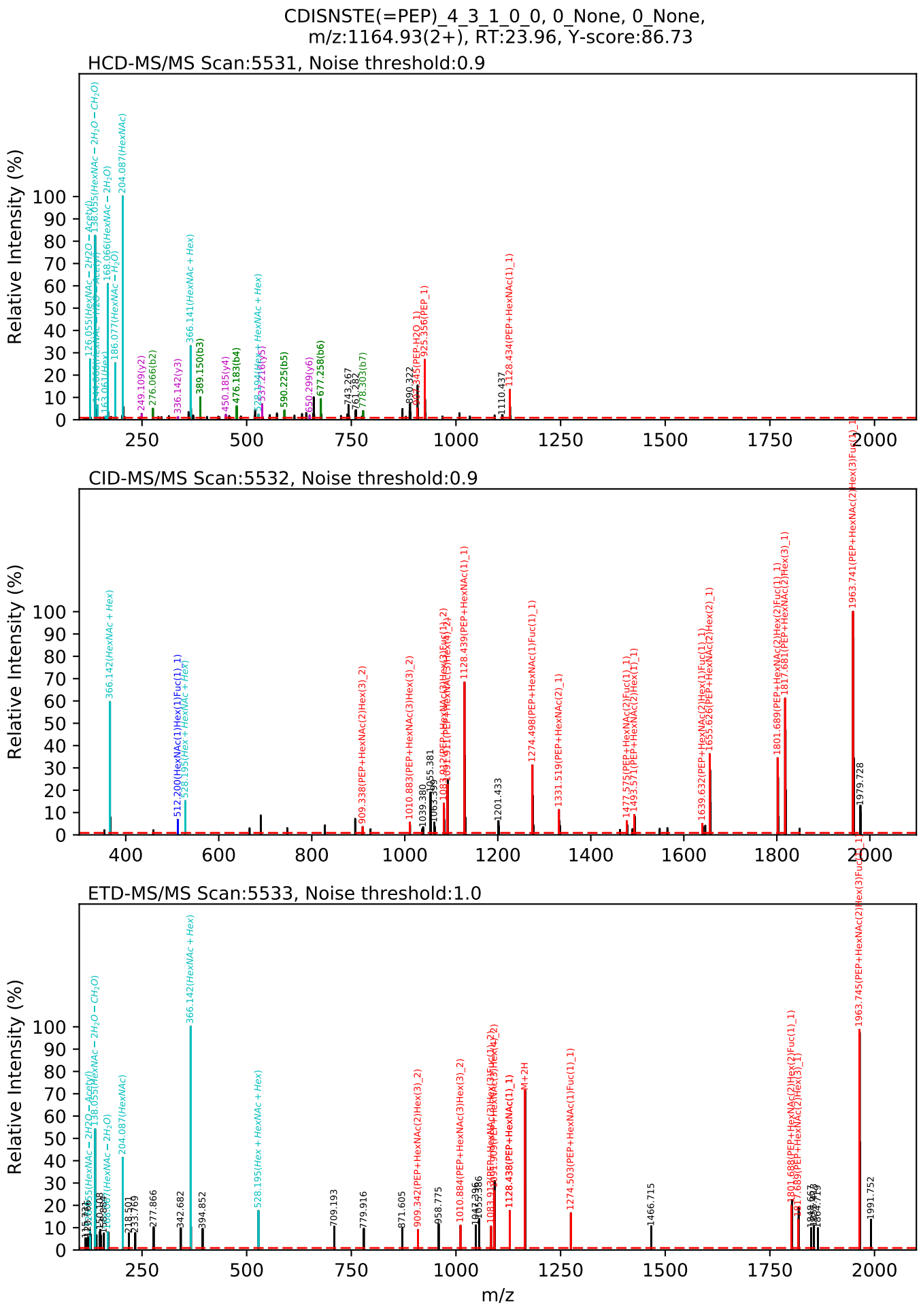


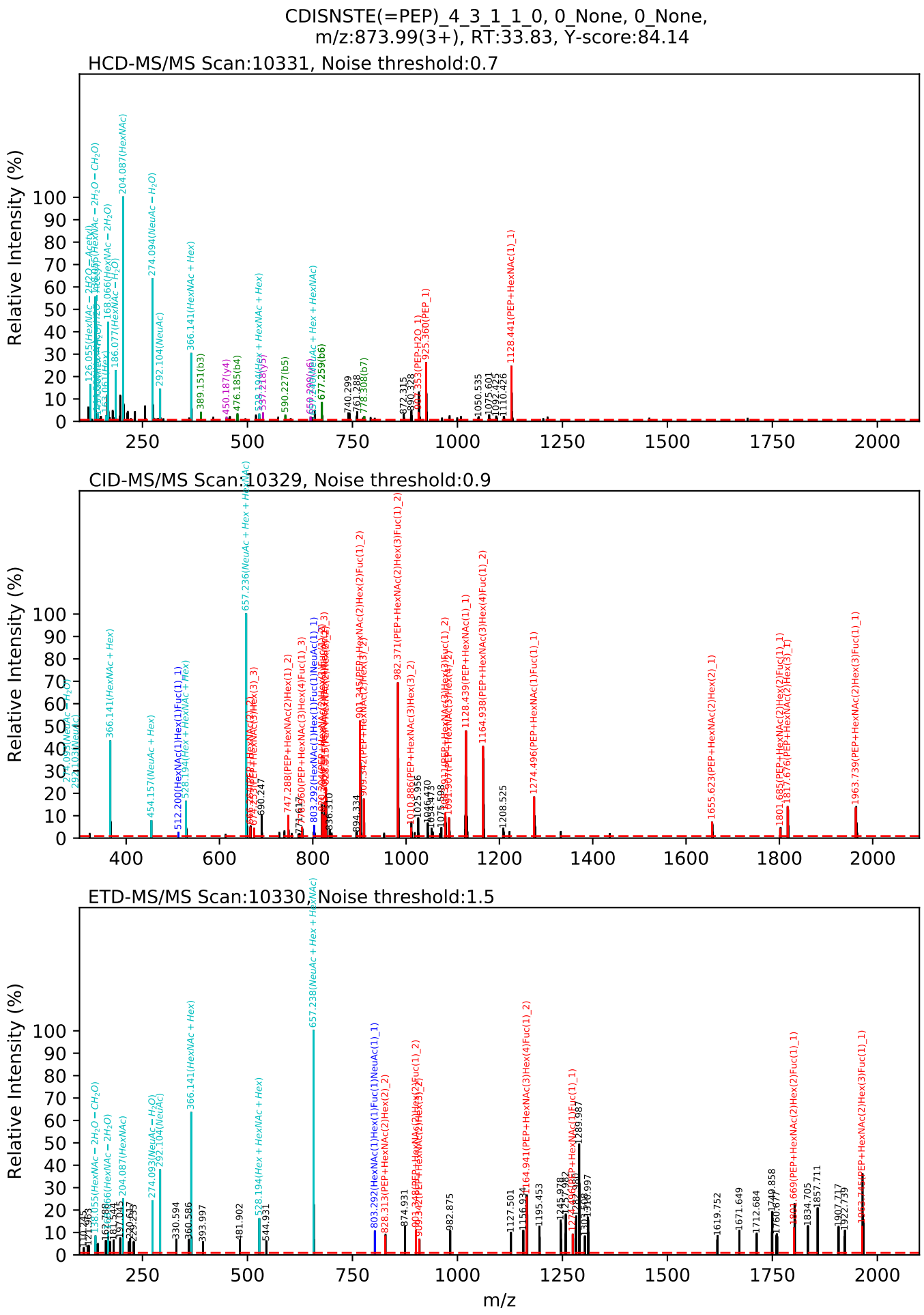
IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.52(3+), RT:50.57, hcd-score:82.68

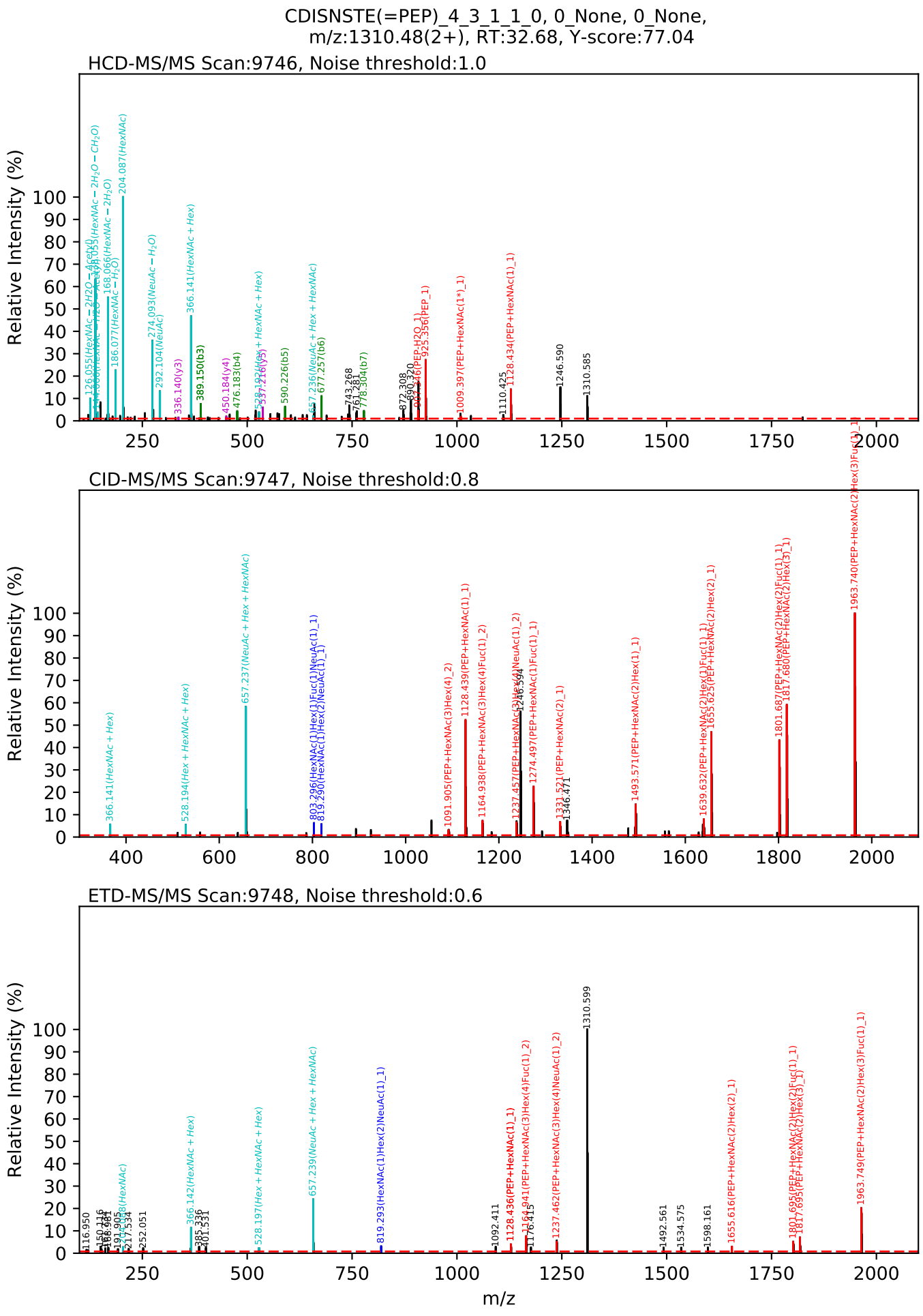


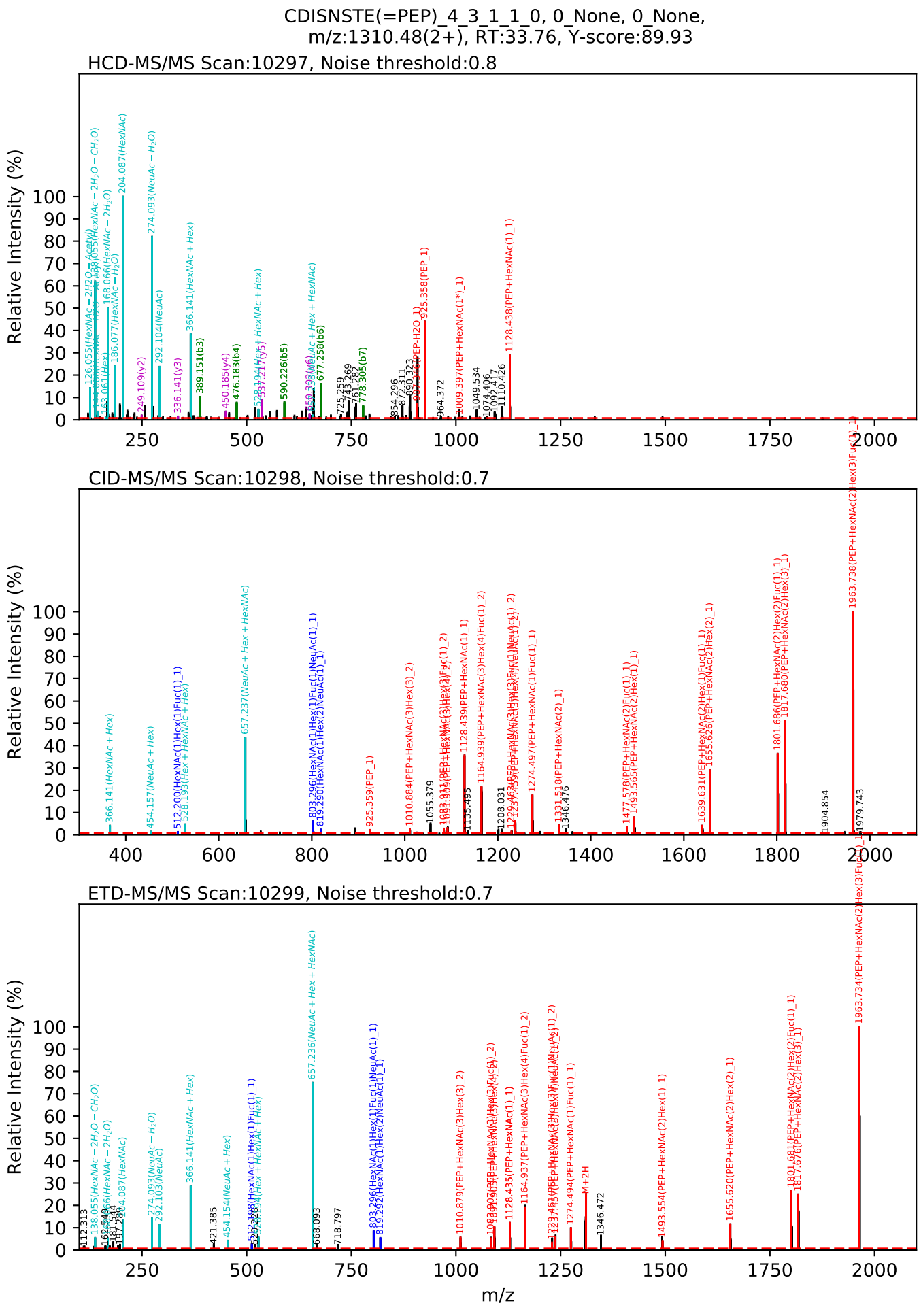
IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.52(3+), RT:50.57, hcd-score:82.68

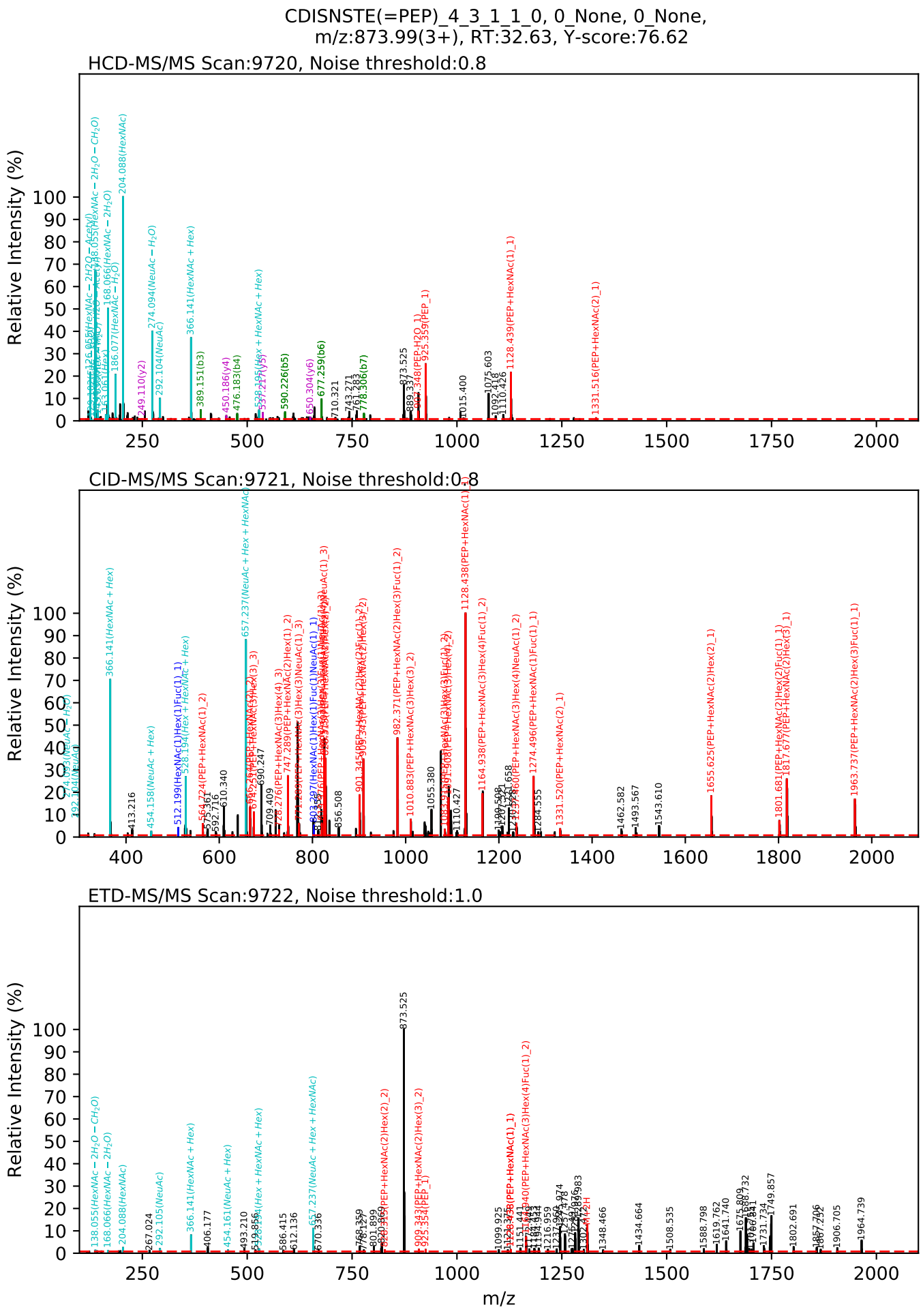


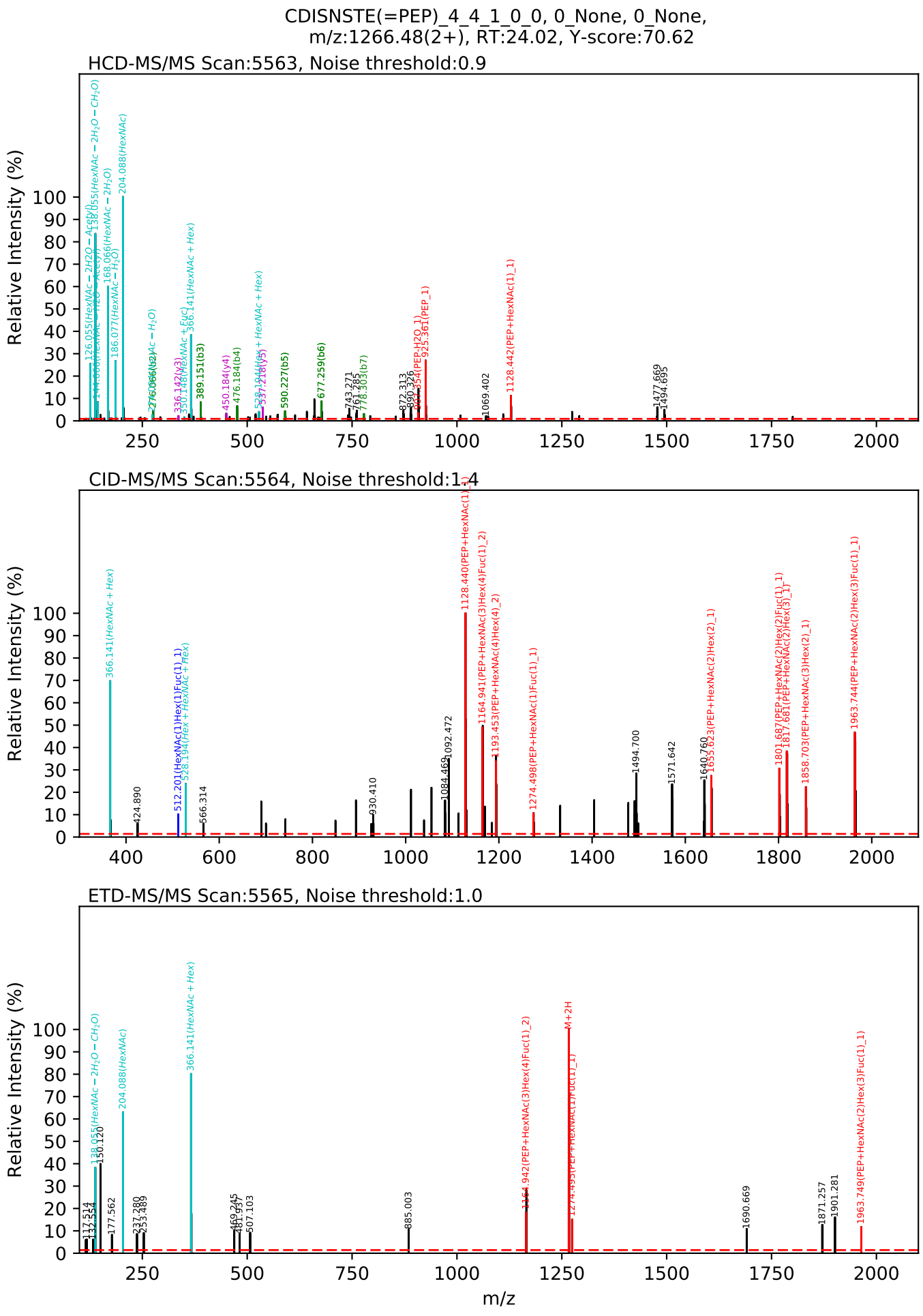

CDISNSTE(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1164.93(2+), RT:23.96, Y-score:86.73
HCD-MS/MS Scan:5531, Noise threshold:0.9
CID-MS/MS Scan:5532, Noise threshold:0.9
ETD-MS/MS Scan:5533, Noise threshold:1.0
Relative Intensity (%)
m/z

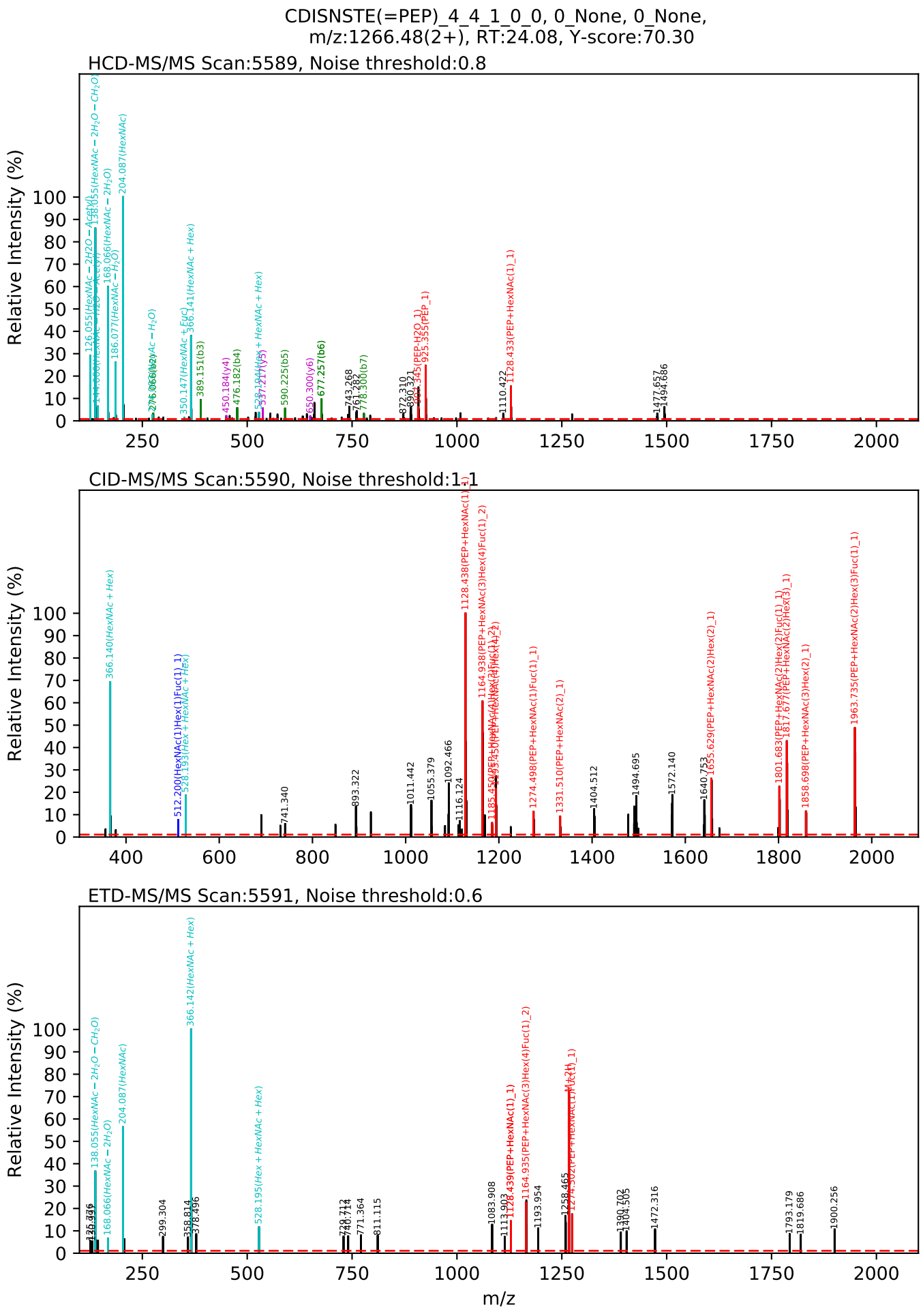

CDISNSTE(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:873.99(3+), RT:33.83, Y-score:84.14
HCD-MS/MS Scan:10331, Noise threshold:0.7
CID-MS/MS Scan:10329, Noise threshold:0.9
ETD-MS/MS Scan:10330, Noise threshold:1.5
Relative Intensity (%)
m/z

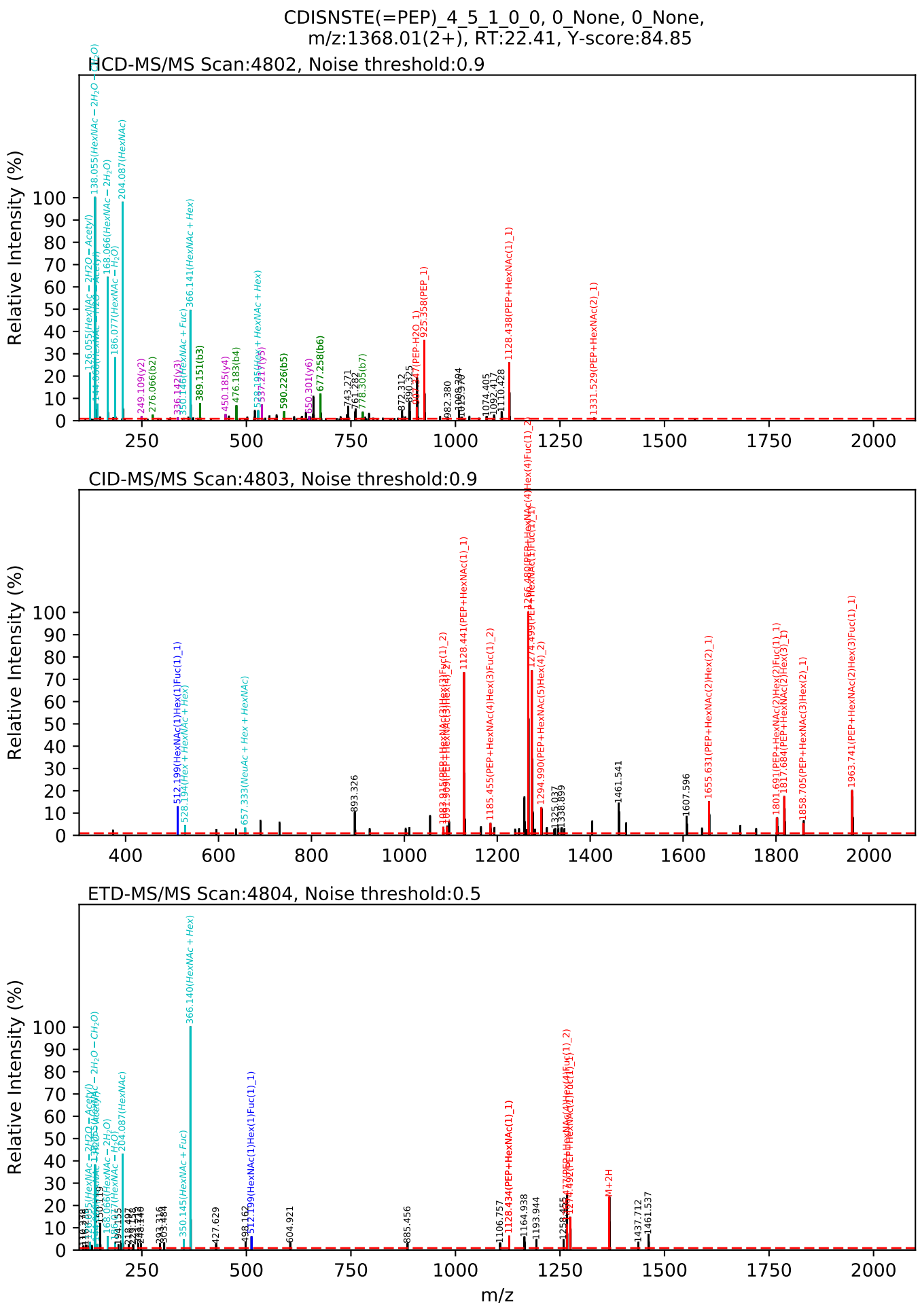

CDISNSTE(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1310.48(2+), RT:32.68, Y-score:77.04
HCD-MS/MS Scan:9746, Noise threshold:1.0
CID-MS/MS Scan:9747, Noise threshold:0.8
ETD-MS/MS Scan:9748, Noise threshold:0.6
Relative Intensity (%)
m/z

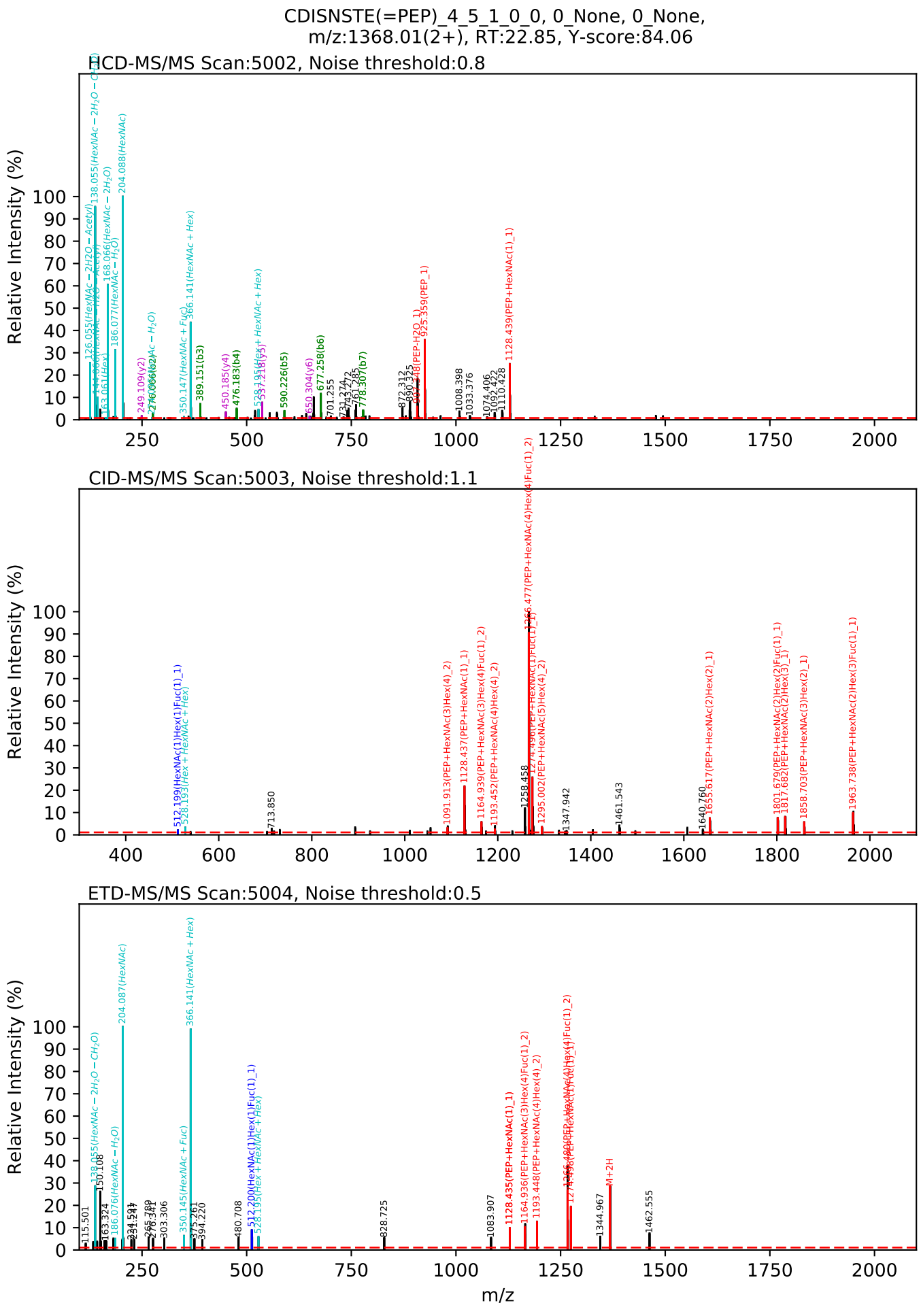

CDISNSTE(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1310.48(2+), RT:33.76, Y-score:89.93
HCD-MS/MS Scan:10297, Noise threshold:0.8
CID-MS/MS Scan:10298, Noise threshold:0.7
ETD-MS/MS Scan:10299, Noise threshold:0.7
Relative Intensity (%)
m/z

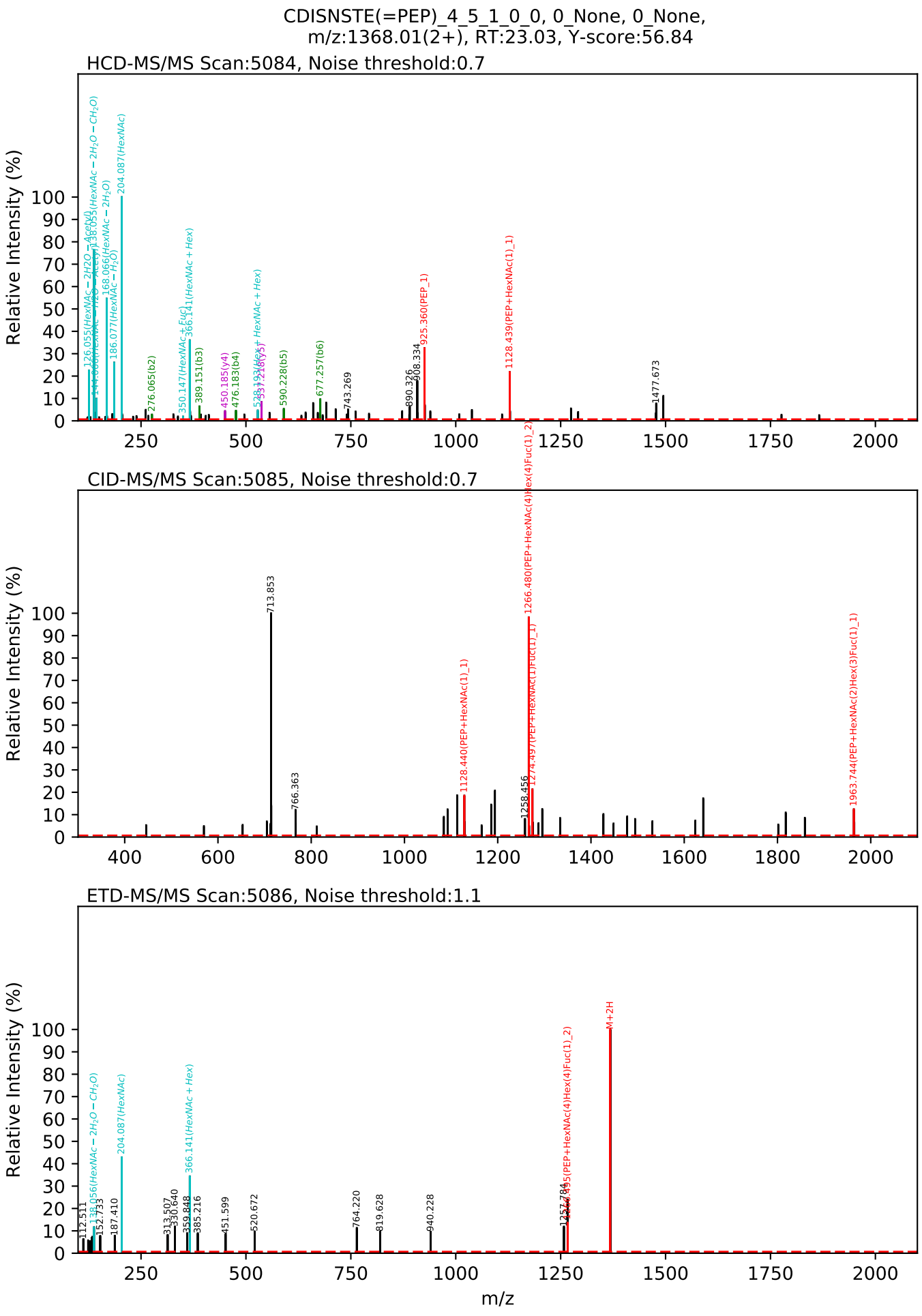

CDISNSTE(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:873.99(3+), RT:32.63, Y-score:76.62
HCD-MS/MS Scan:9720, Noise threshold:0.8
CID-MS/MS Scan:9721, Noise threshold:0.8
ETD-MS/MS Scan:9722, Noise threshold:1.0
Relative Intensity (%)
m/z


CDISNSTE(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1266.48(2+), RT:24.02, Y-score:70.62
HCD-MS/MS Scan:5563, Noise threshold:0.9
CID-MS/MS Scan:5564, Noise threshold:1.4
ETD-MS/MS Scan:5565, Noise threshold:1.0
Relative Intensity (%)
m/z

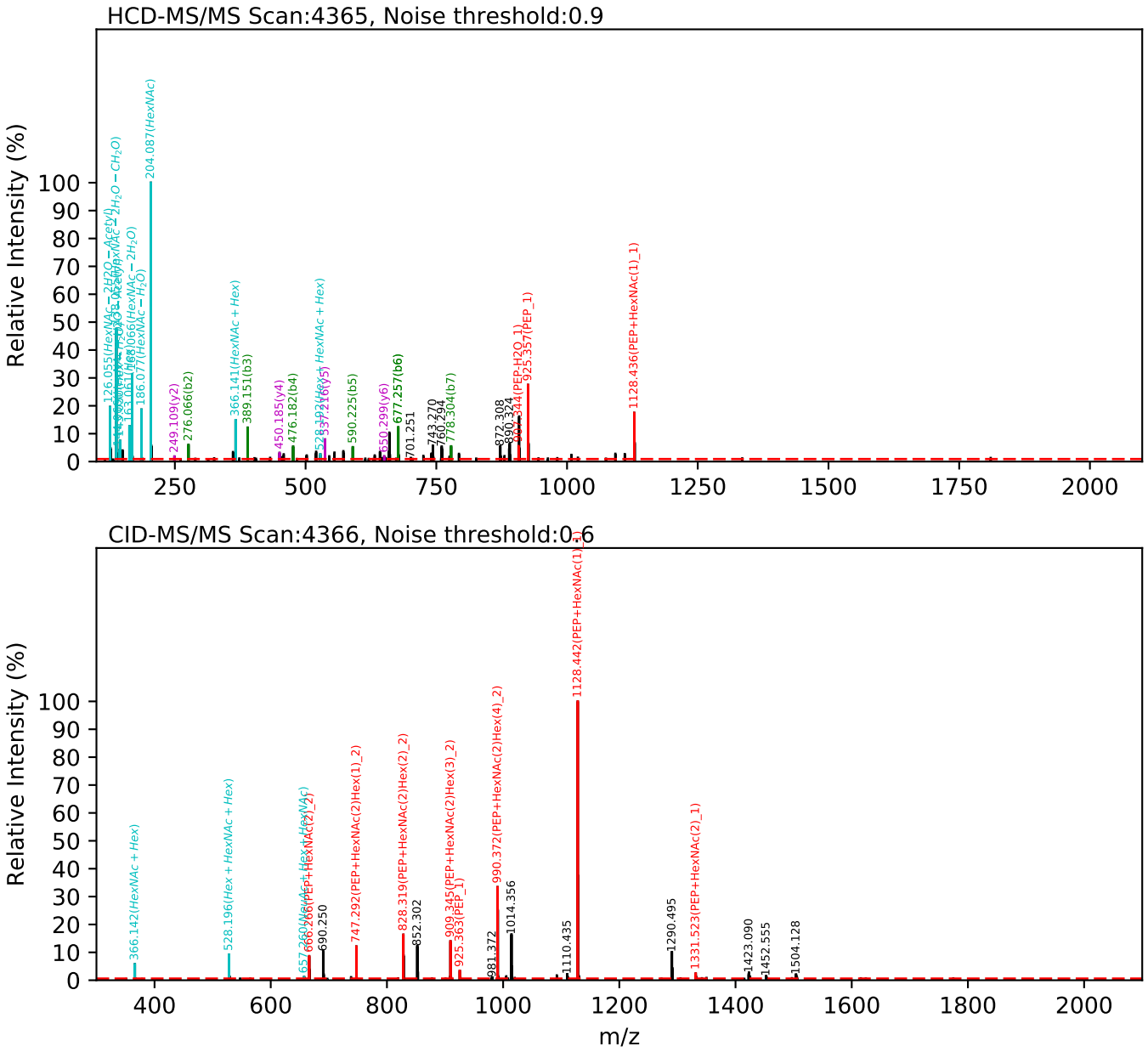

CDISNSTE(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1266.48(2+), RT:24.08, Y-score:70.30
HCD-MS/MS Scan:5589, Noise threshold:0.8
CID-MS/MS Scan:5590, Noise threshold:1.1
ETD-MS/MS Scan:5591, Noise threshold:0.6
Relative Intensity (%)
m/z

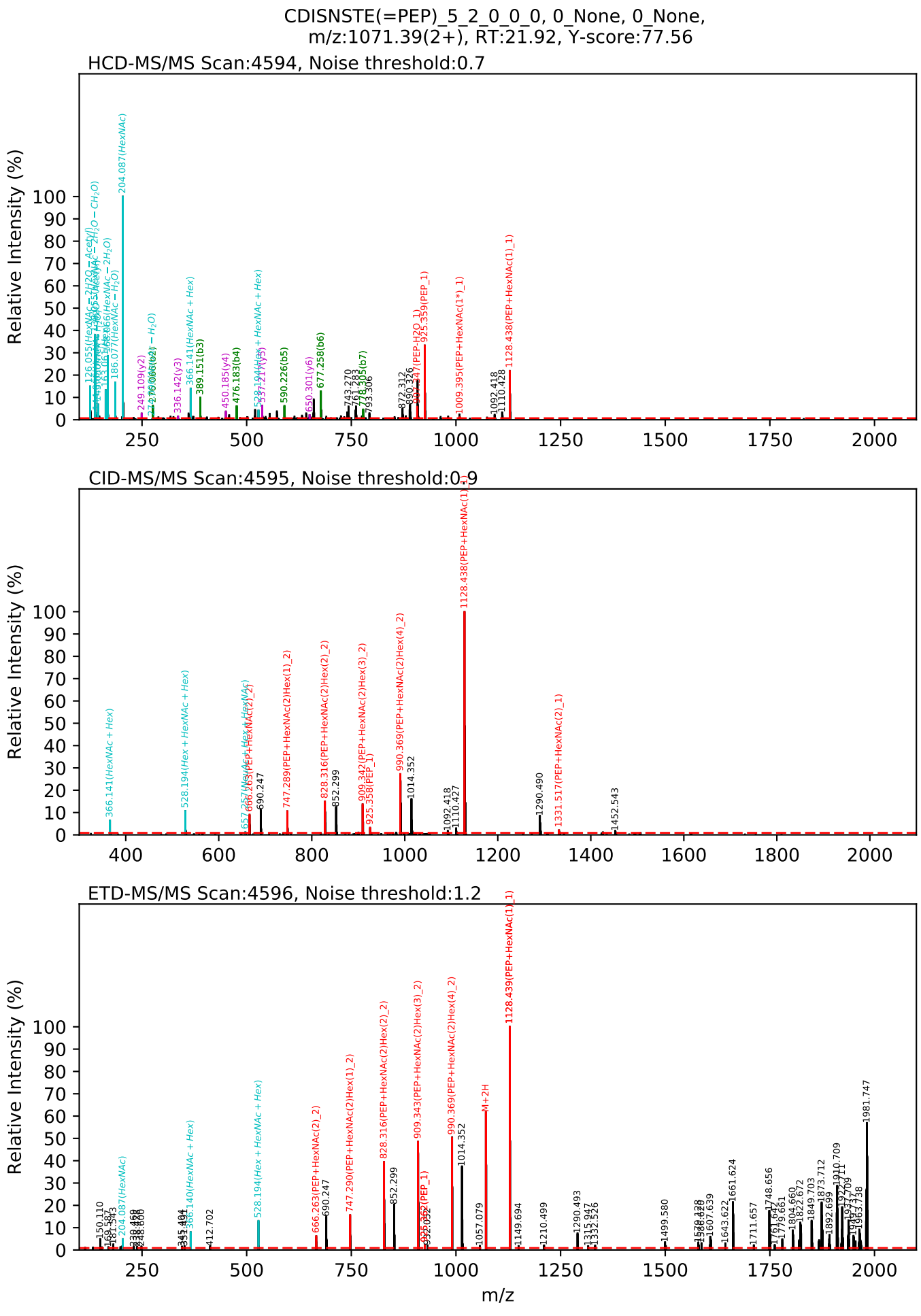

CDISNSTE(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1368.01(2+), RT:22.41, Y-score:84.85
HCD-MS/MS Scan:4802, Noise threshold:0.9
CID-MS/MS Scan:4803, Noise threshold:0.9
ETD-MS/MS Scan:4804, Noise threshold:0.5
Relative Intensity (%)
m/z


CDISNSTE(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1368.01(2+), RT:22.85, Y-score:84.06
HCD-MS/MS Scan:5002, Noise threshold:0.8
CID-MS/MS Scan:5003, Noise threshold:1.1
ETD-MS/MS Scan:5004, Noise threshold:0.5
Relative Intensity (%)
m/z

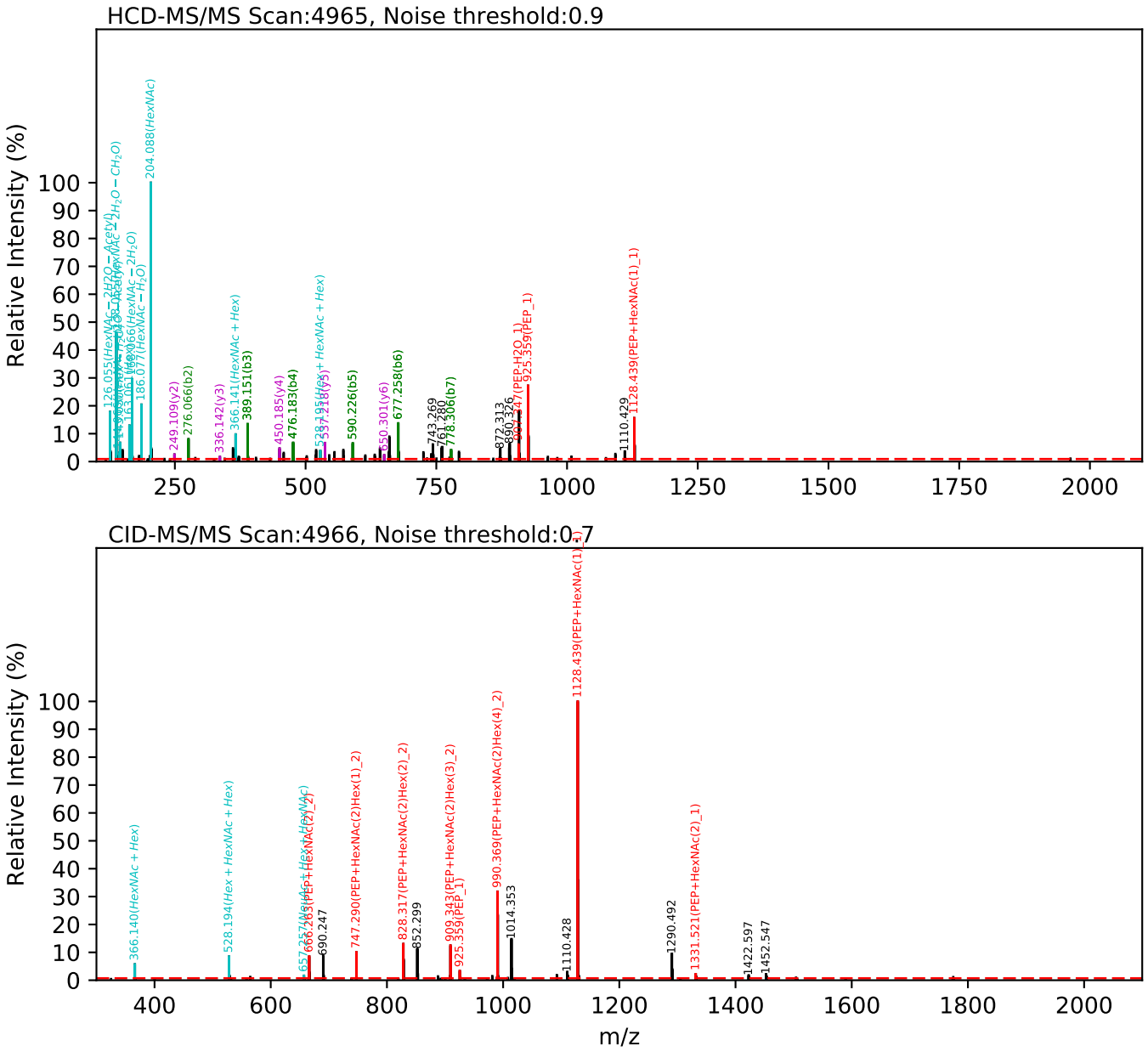

CDISNSTE(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1368.01(2+), RT:23.03, Y-score:56.84
HCD-MS/MS Scan:5084, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Ac(N))
144.066(HexNAc − H2O − Ac(N))
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
276.065(b2)
350.147(HexNAc + Fuc)
366.141(HexNAc + Hex)
389.151(b3)
450.185(y4)
476.183(b4)
528.193(Hex + HexNAc + Hex)
537.218(y5)
590.228(b5)
677.257(b6)
743.269
890.326
908.334
925.360(PEP_1)
1128.439(PEP+HexNAc(1)_1)
1477.673
CID-MS/MS Scan:5085, Noise threshold:0.7
Relative Intensity (%)
713.853
766.363
1128.440(PEP+HexNAc(1)_1)
1258.456
1266.480(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1274.497(PEP+HexNAc(1)Fuc(1)_1)
1963.744(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
ETD-MS/MS Scan:5086, Noise threshold:1.1
Relative Intensity (%)
112.511
126.056(HexNAc − 2H2O − CH2O)
138.056
152.733
187.410
204.087(HexNAc)
313.507
330.640
359.848
366.141(HexNAc + Hex)
385.216
451.599
520.672
764.220
819.628
940.228
1257.784
1266.795(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
M+2H
m/z

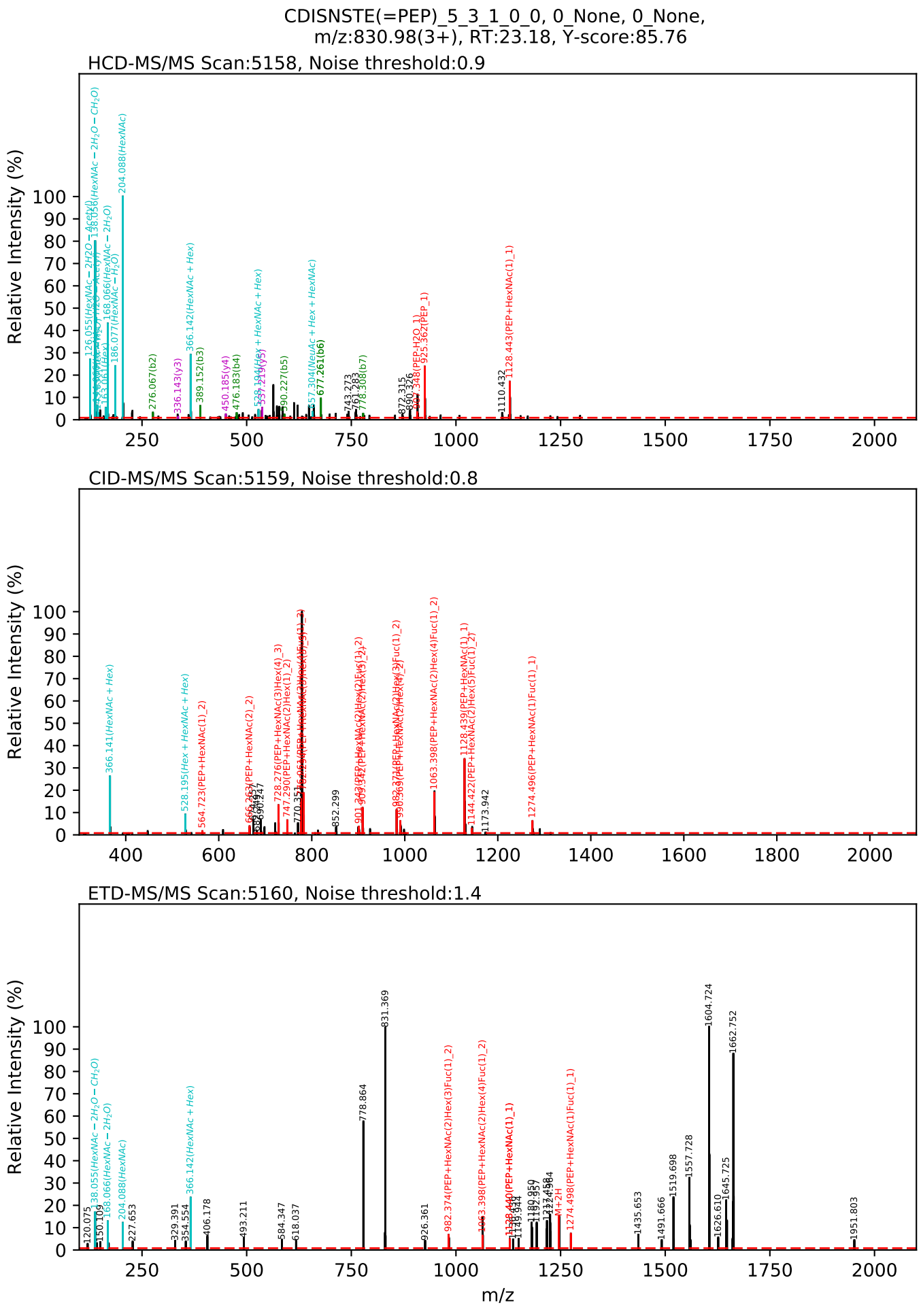
CDISNSTE(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1071.39(2+), RT:21.35, Y-score:74.96

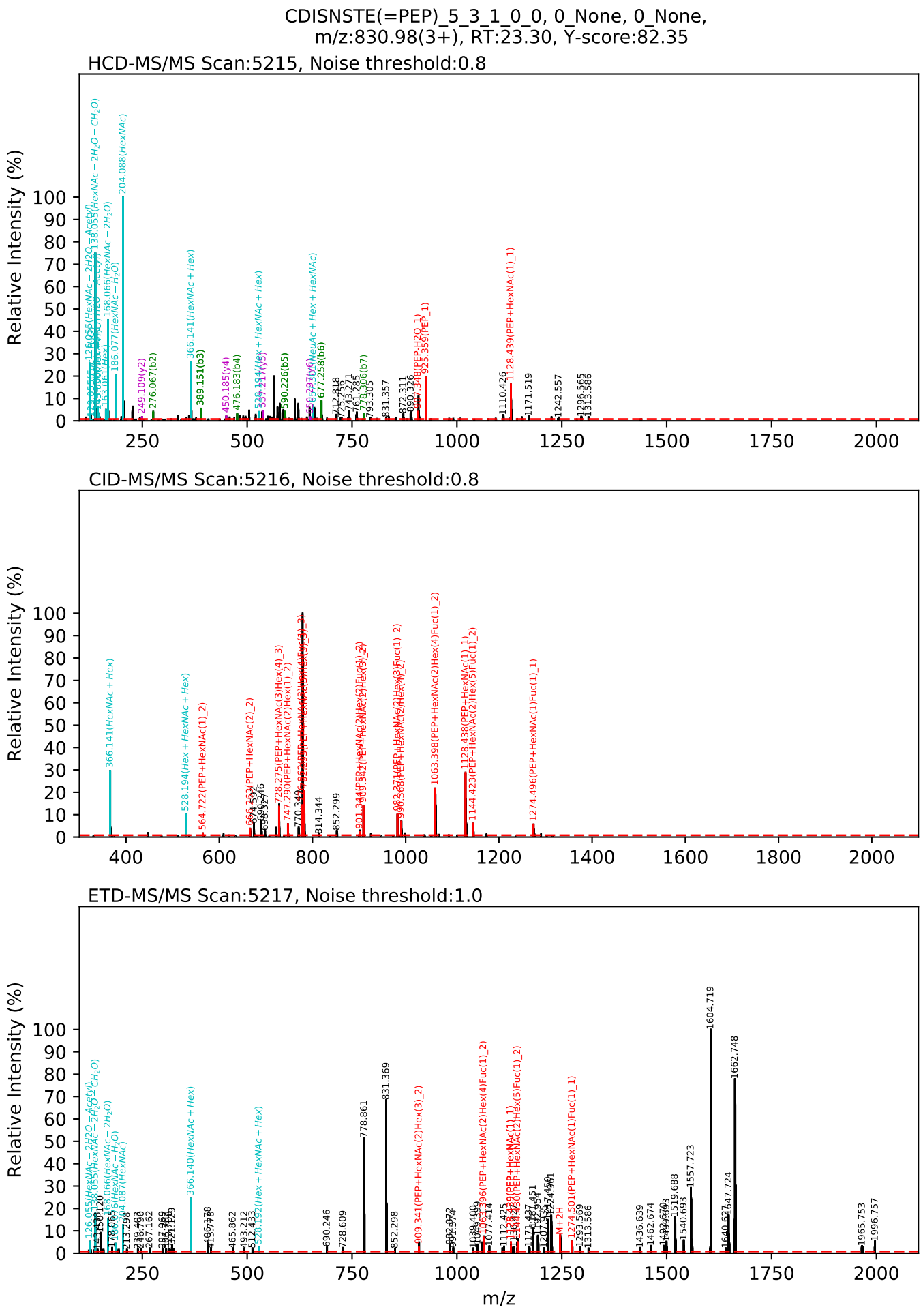


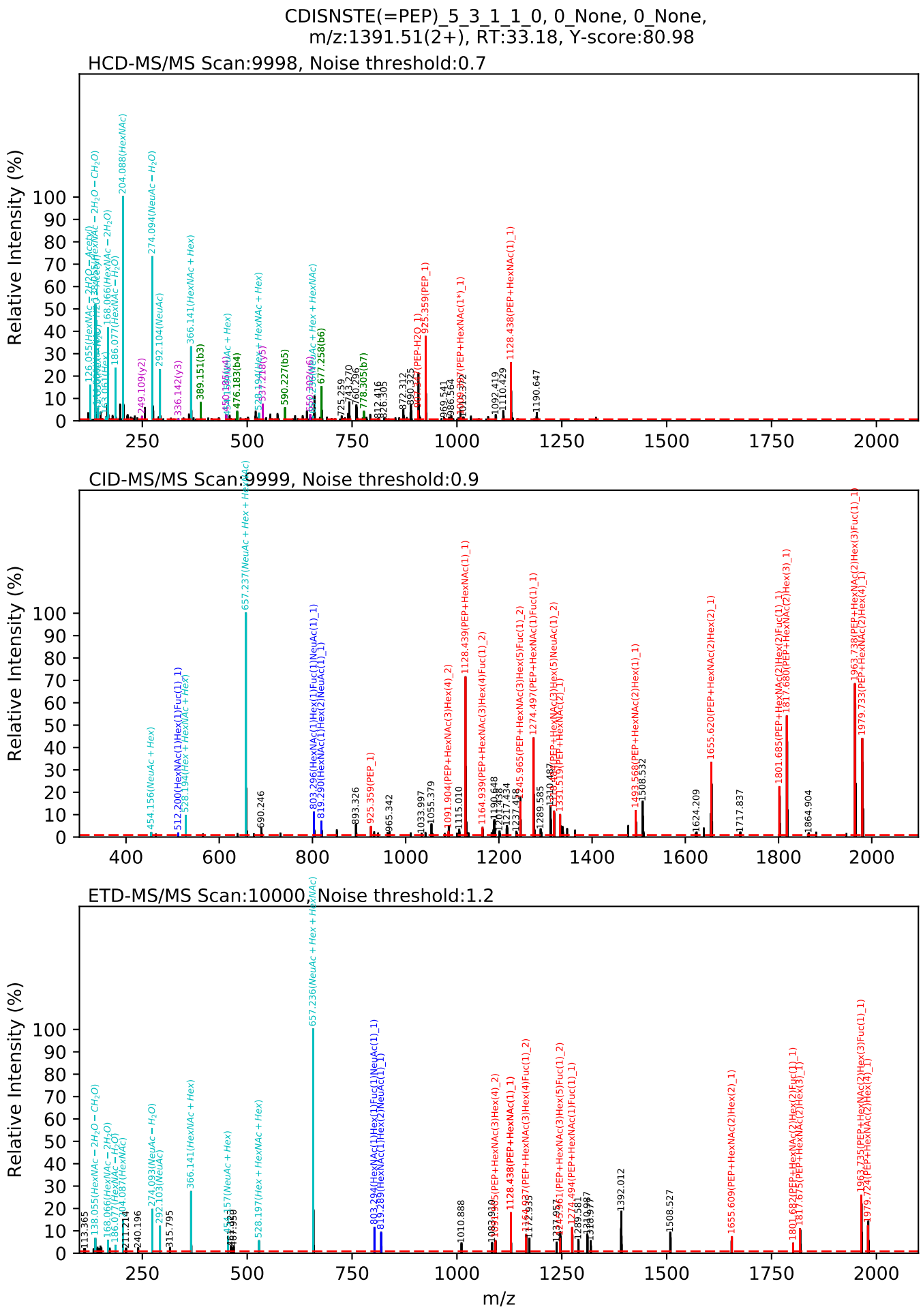

CDISNSTE(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1071.39(2+), RT:21.92, Y-score:77.56
HCD-MS/MS Scan:4594, Noise threshold:0.7
CID-MS/MS Scan:4595, Noise threshold:0.9
ETD-MS/MS Scan:4596, Noise threshold:1.2
Relative Intensity (%)
m/z

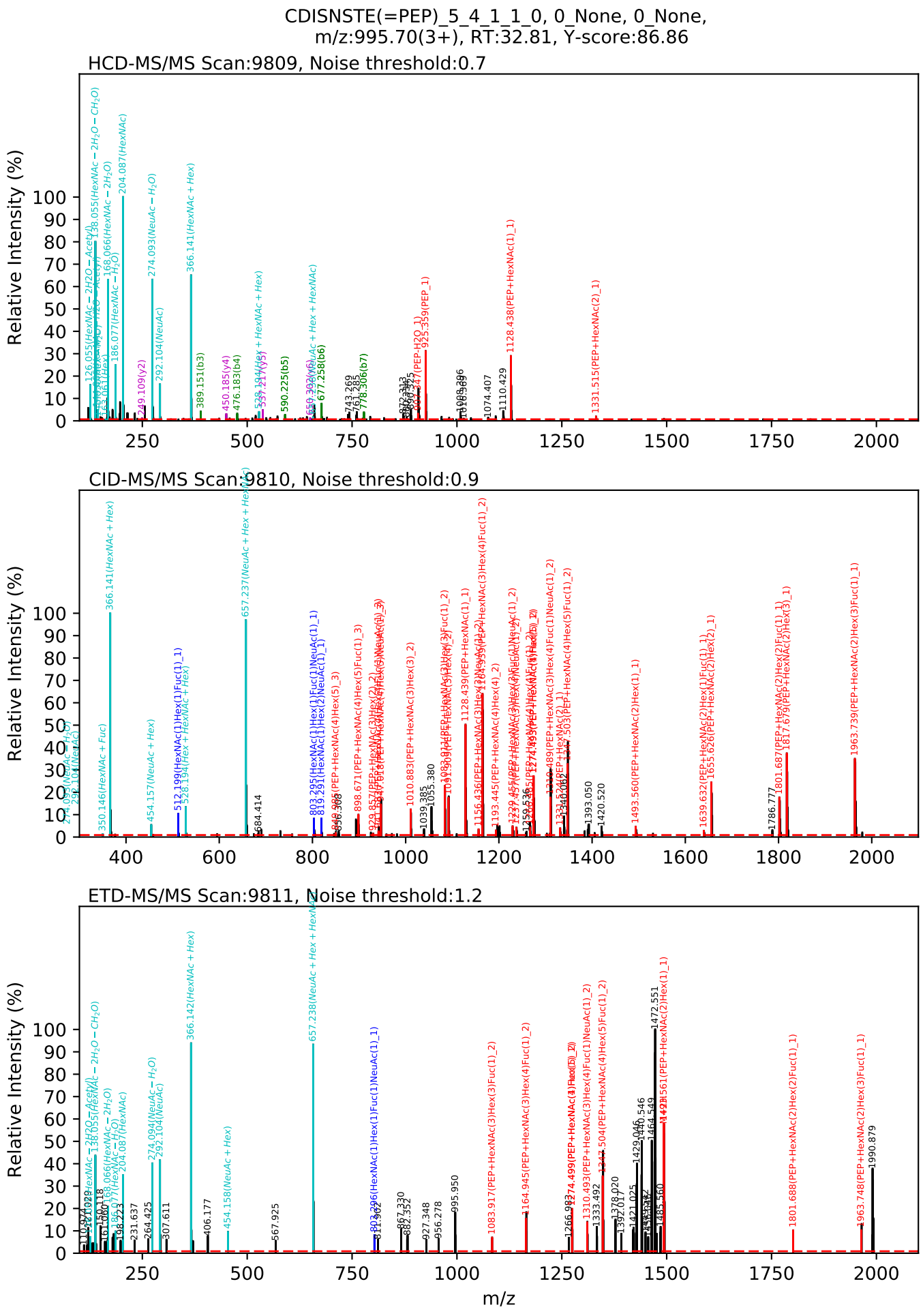
CDISNSTE(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1071.39(2+), RT:22.78, Y-score:78.75

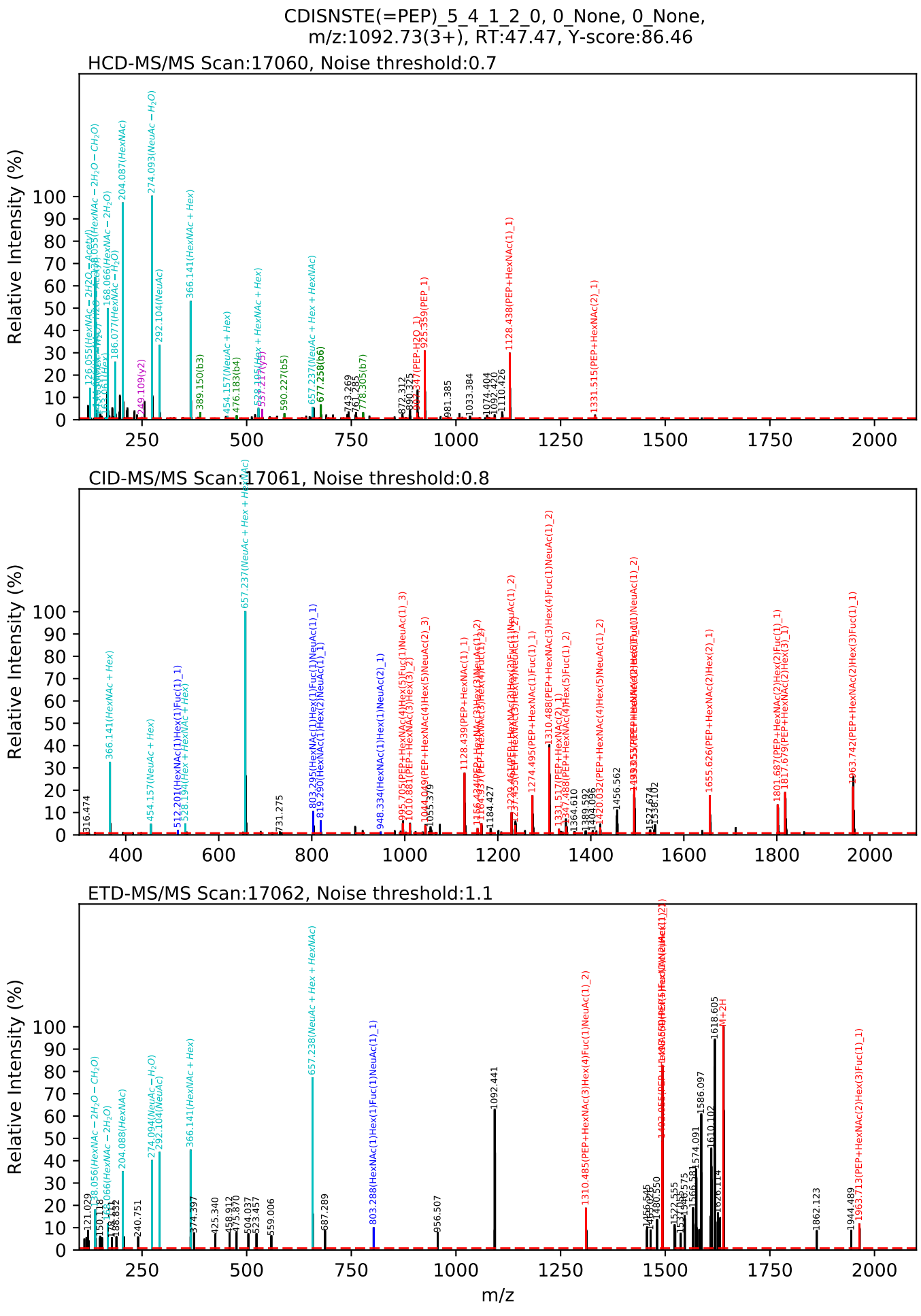


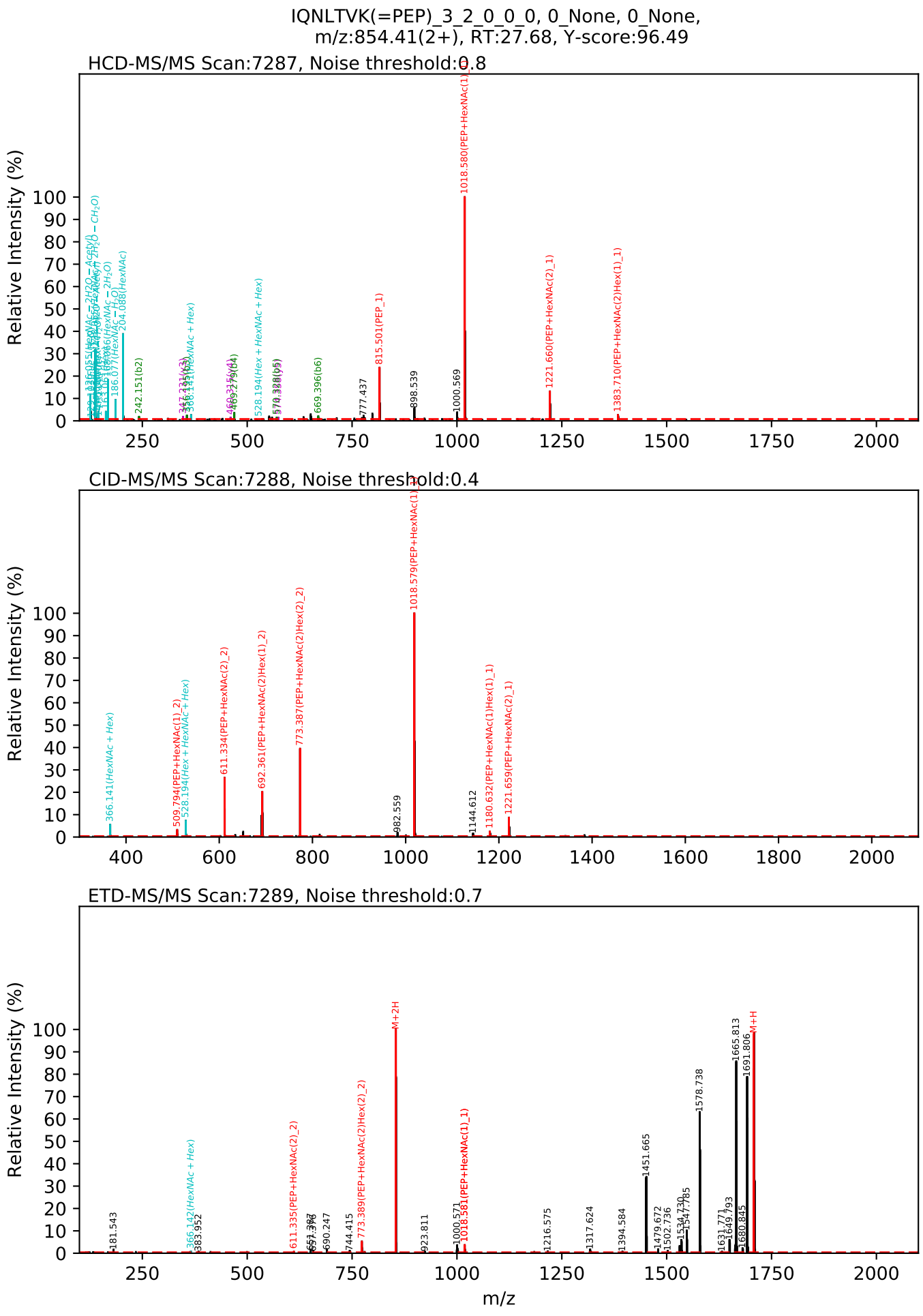

CDISNSTE(=PEP)_5_3_1_0_0, 0_None, 0_None,
m/z:830.98(3+), RT:23.18, Y-score:85.76
HCD-MS/MS Scan:5158, Noise threshold:0.9
Relative Intensity (%)
204.088(HexNAc)
366.142(HexNAc + Hex)
276.067(b2)
389.152(b3)
450.185(y4)
677.261(b6)
1128.443(PEP+HexNAc(1)_1)
925.362(PEP_1)
CID-MS/MS Scan:5159, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
564.723(PEP+HexNAc(1)_2)
852.299
1063.398(PEP+HexNAc(2)Hex(4)Fuc(1)_2)
1274.496(PEP+HexNAc(1)Fuc(1)_1)
ETD-MS/MS Scan:5160, Noise threshold:1.4
Relative Intensity (%)
366.142(HexNAc + Hex)
204.088(HexNAc)
778.864
331.369
982.374(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1274.498(PEP+HexNAc(1)Fuc(1)_1)
1604.724
1662.752
1557.728
m/z

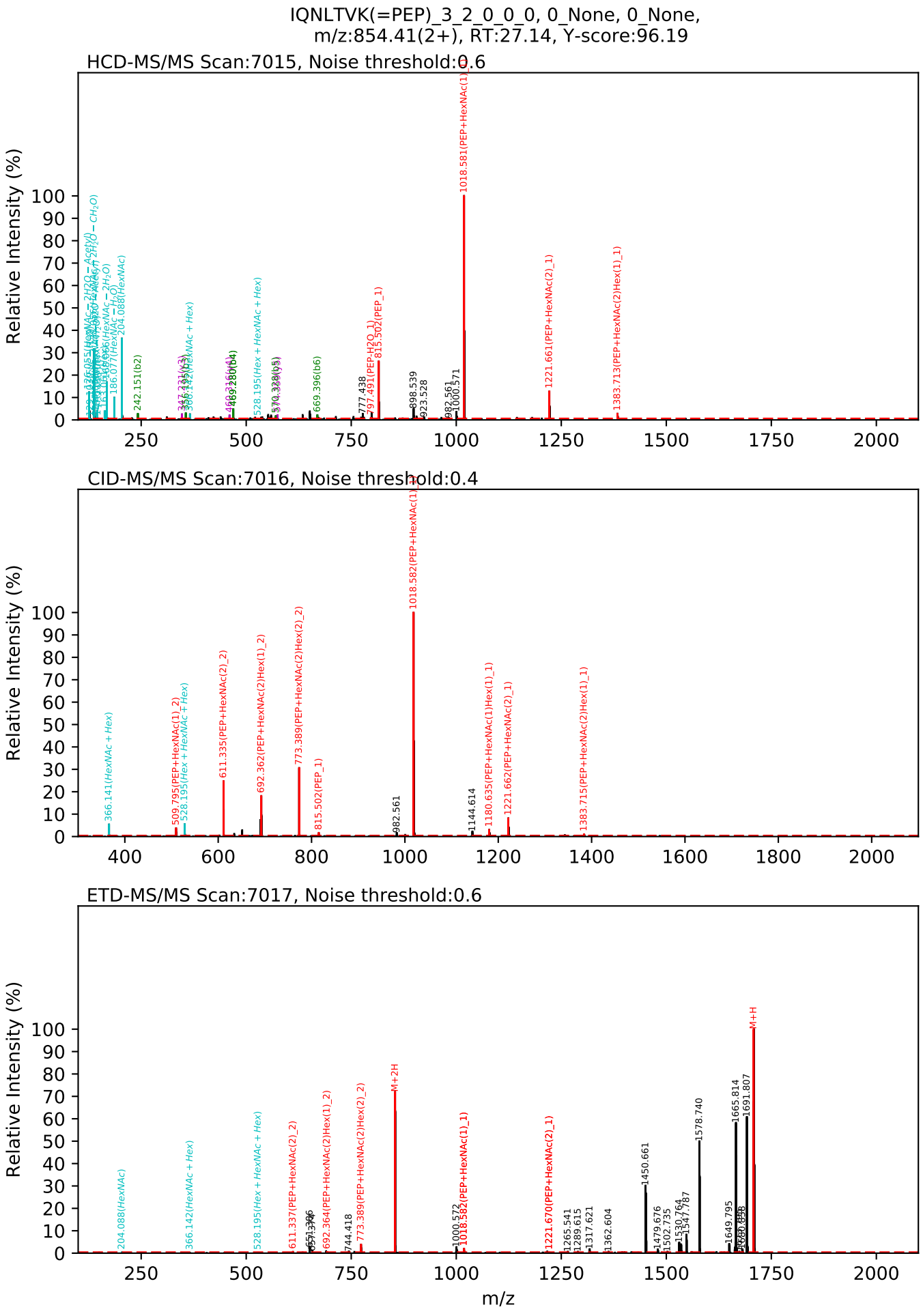

CDISNSTE(=PEP)_5_3_1_0_0, 0_None, 0_None,
m/z:830.98(3+), RT:23.30, Y-score:82.35
HCD-MS/MS Scan:5215, Noise threshold:0.8
CID-MS/MS Scan:5216, Noise threshold:0.8
ETD-MS/MS Scan:5217, Noise threshold:1.0
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
204.088(HexNAc)
528.194(Hex + HexNAc + Hex)
564.722(PEP+HexNAc(1)_2)
1063.398(PEP+HexNAc(2)Hex(4)Fuc(1)_2)
1274.496(PEP+HexNAc(1)Fuc(1)_1)
778.861
831.369
1604.719
1662.748

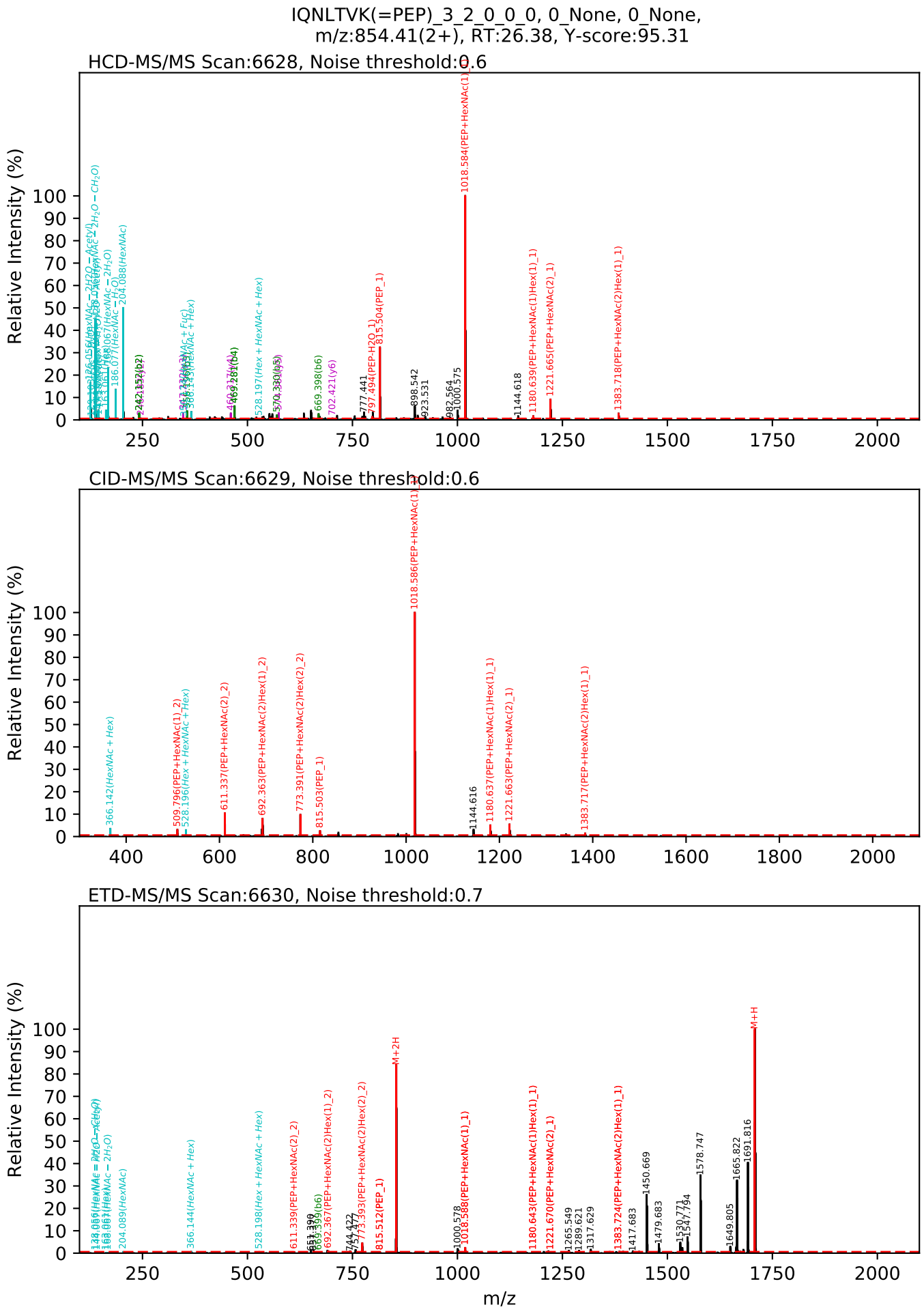

CDISNSTE(=PEP)_5_3_1_1_0, 0_None, 0_None,
m/z:1391.51(2+), RT:33.18, Y-score:80.98
HCD-MS/MS Scan:9998, Noise threshold:0.7
CID-MS/MS Scan:9999, Noise threshold:0.9
ETD-MS/MS Scan:10000, Noise threshold:1.2
Relative Intensity (%)
m/z

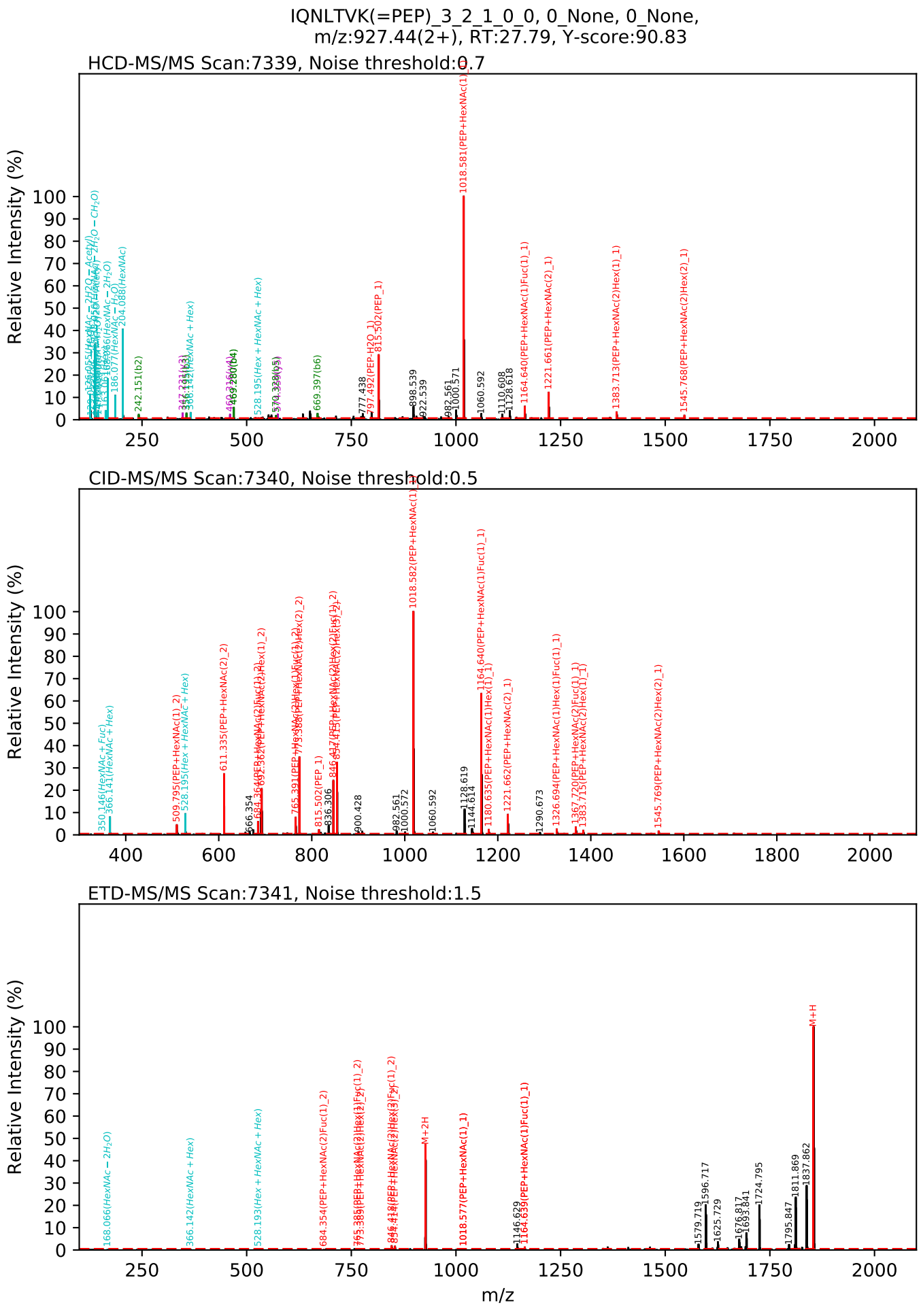

CDISNSTE(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:995.70(3+), RT:32.81, Y-score:86.86
HCD-MS/MS Scan:9809, Noise threshold:0.7
CID-MS/MS Scan:9810, Noise threshold:0.9
ETD-MS/MS Scan:9811, Noise threshold:1.2
Relative Intensity (%)
m/z

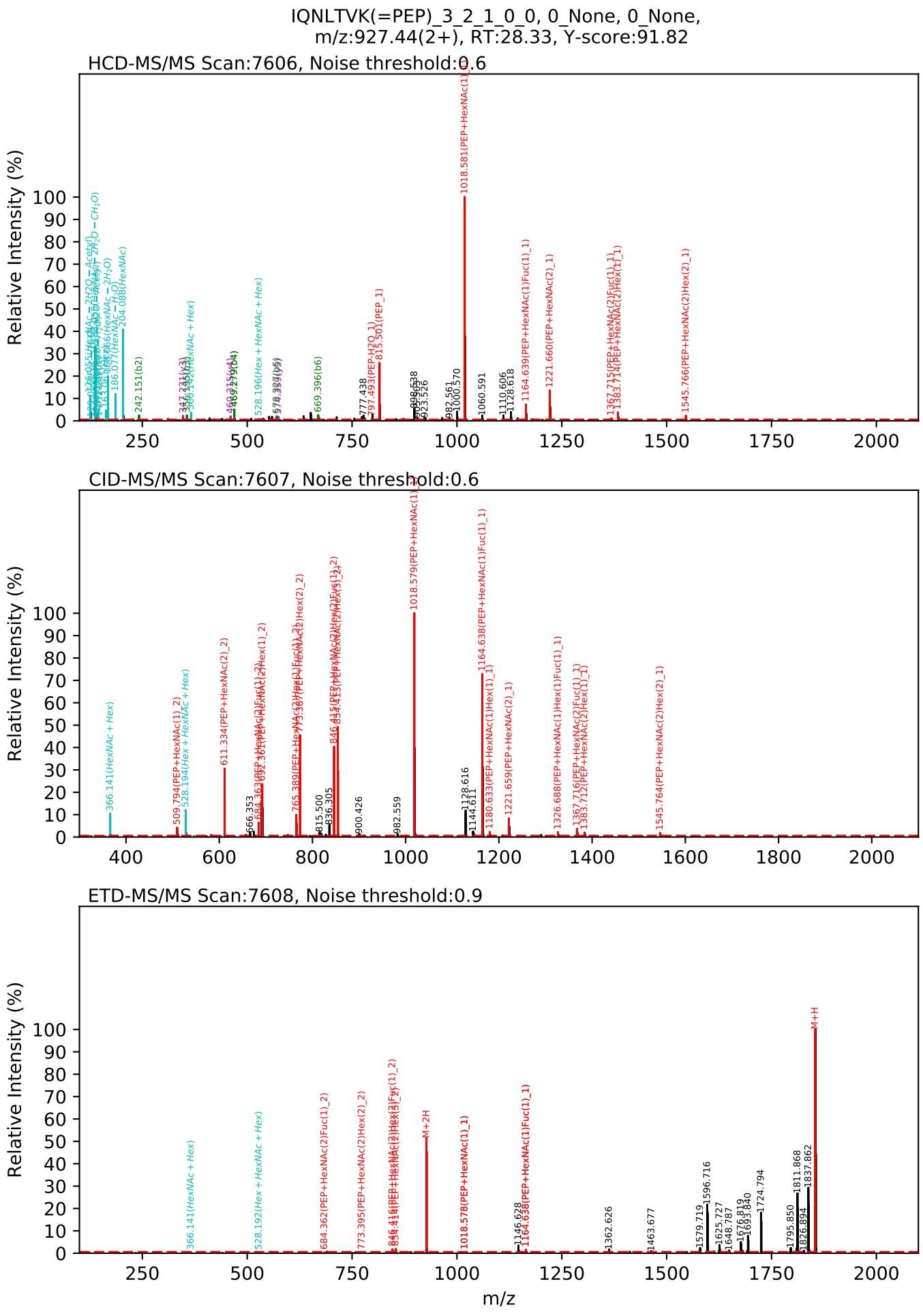

CDISNSTE(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1092.73(3+), RT:47.47, Y-score:86.46
HCD-MS/MS Scan:17060, Noise threshold:0.7
CID-MS/MS Scan:17061, Noise threshold:0.8
ETD-MS/MS Scan:17062, Noise threshold:1.1
Relative Intensity (%)
m/z

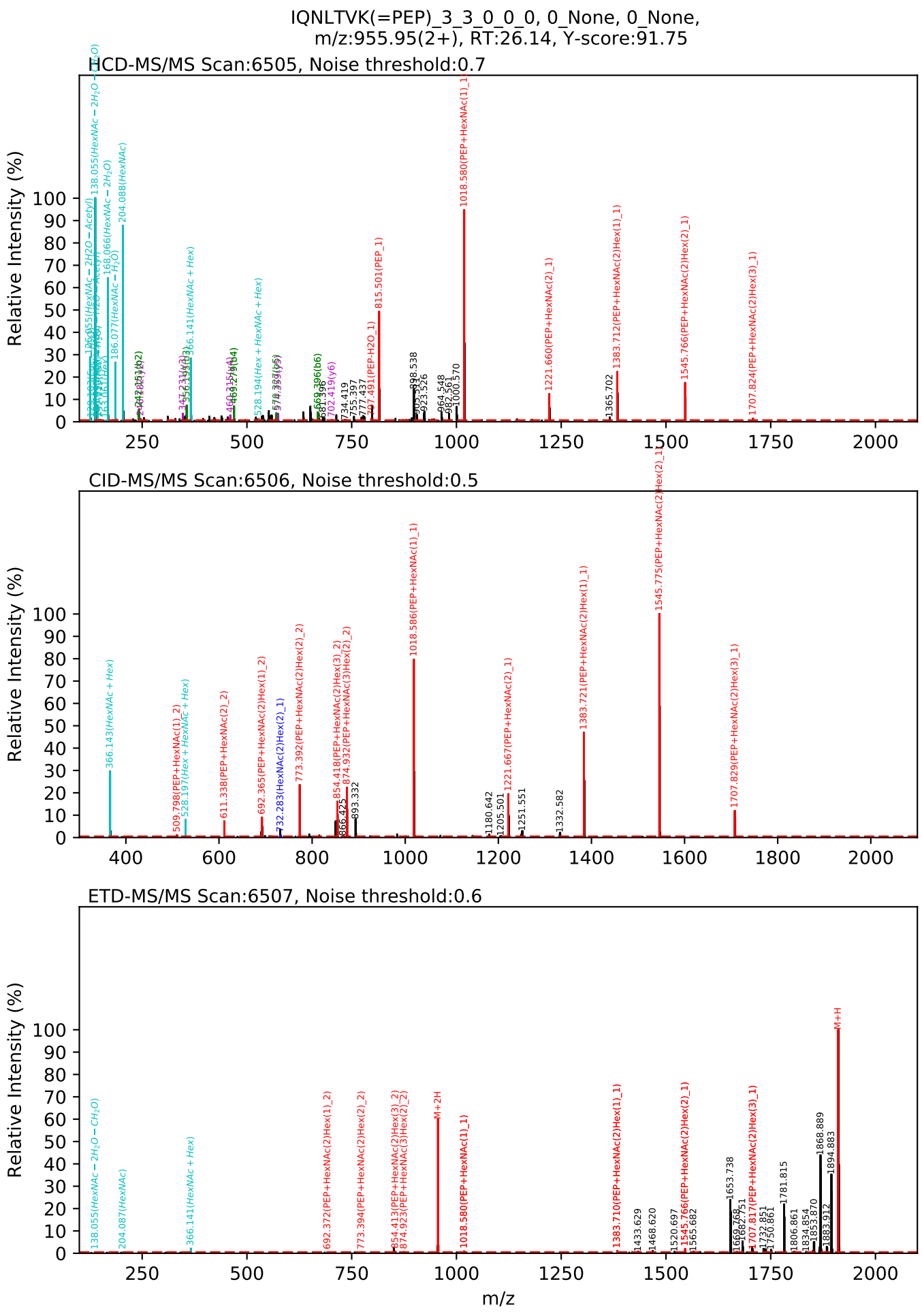

IQNLTVK(=PEP)_3_2_0_0_0, 0_None, 0_None,
m/z:854.41(2+), RT:27.68, Y-score:96.49
HCD-MS/MS Scan:7287, Noise threshold:0.8
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
815.501(PEP_1)
528.194(Hex + HexNAc + Hex)
669.396(b6)
242.151(b2)
CID-MS/MS Scan:7288, Noise threshold:0.4
Relative Intensity (%)
1018.579(PEP+HexNAc(1)_1)
773.387(PEP+HexNAc(2)Hex(2)_2)
611.334(PEP+HexNAc(2)_2)
692.361(PEP+HexNAc(2)Hex(1)_2)
366.141(HexNAc + Hex)
509.794(PEP+HexNAc(1)_2)
528.194(Hex + HexNAc + Hex)
1180.632(PEP+HexNAc(1)Hex(1)_1)
1221.659(PEP+HexNAc(2)_1)
ETD-MS/MS Scan:7289, Noise threshold:0.7
Relative Intensity (%)
M+2H
M+H
1018.581(PEP+HexNAc(1)_1)
773.389(PEP+HexNAc(2)Hex(2)_2)
611.335(PEP+HexNAc(2)_2)
366.142(HexNAc + Hex)
1578.738
1451.665
m/z

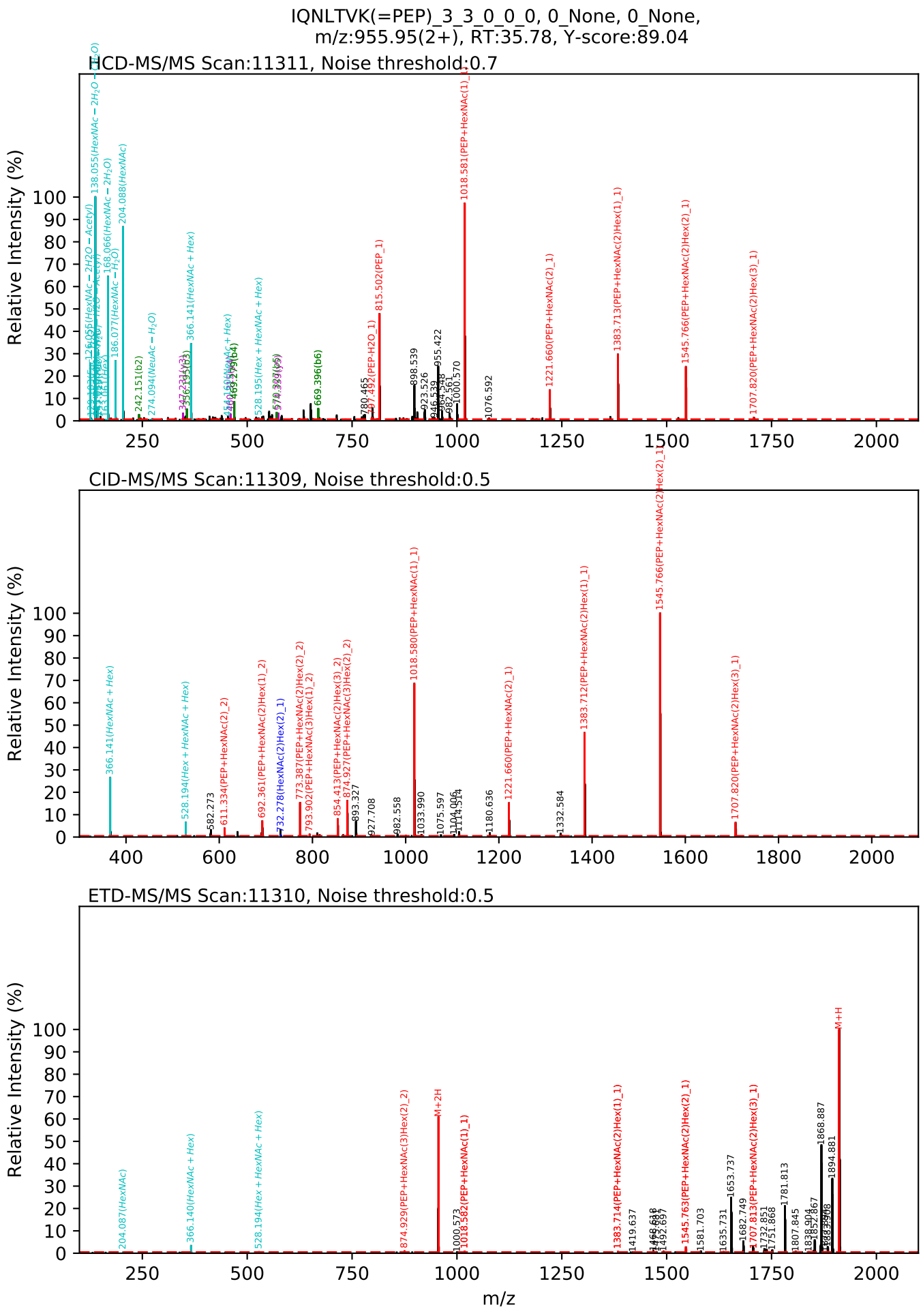

IQNLTVK(=PEP)_3_2_0_0_0, 0_None, 0_None,
m/z:854.41(2+), RT:27.14, Y-score:96.19
HCD-MS/MS Scan:7015, Noise threshold:0.6
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
815.502(PEP_1)
797.491(PEP-H2O_1)
204.088(HexNAc)
242.151(b2)
669.396(b6)
528.195(Hex + HexNAc + Hex)
CID-MS/MS Scan:7016, Noise threshold:0.4
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
366.141(HexNAc + Hex)
509.795(PEP+HexNAc(1)_2)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
815.502(PEP_1)
982.561
1144.614
1180.635(PEP+HexNAc(1)Hex(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
ETD-MS/MS Scan:7017, Noise threshold:0.6
Relative Intensity (%)
M+2H
M+H
204.088(HexNAc)
366.142(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.337(PEP+HexNAc(2)_2)
692.364(PEP+HexNAc(2)Hex(1)_2)
744.418
773.389(PEP+HexNAc(2)Hex(2)_2)
1000.572
1018.582(PEP+HexNAc(1)_1)
1221.670(PEP+HexNAc(2)_1)
1265.541
1289.615
1317.621
1362.604
1450.661
1479.676
1502.735
1530.764
1578.740
1649.795
1665.814
1691.807
m/z

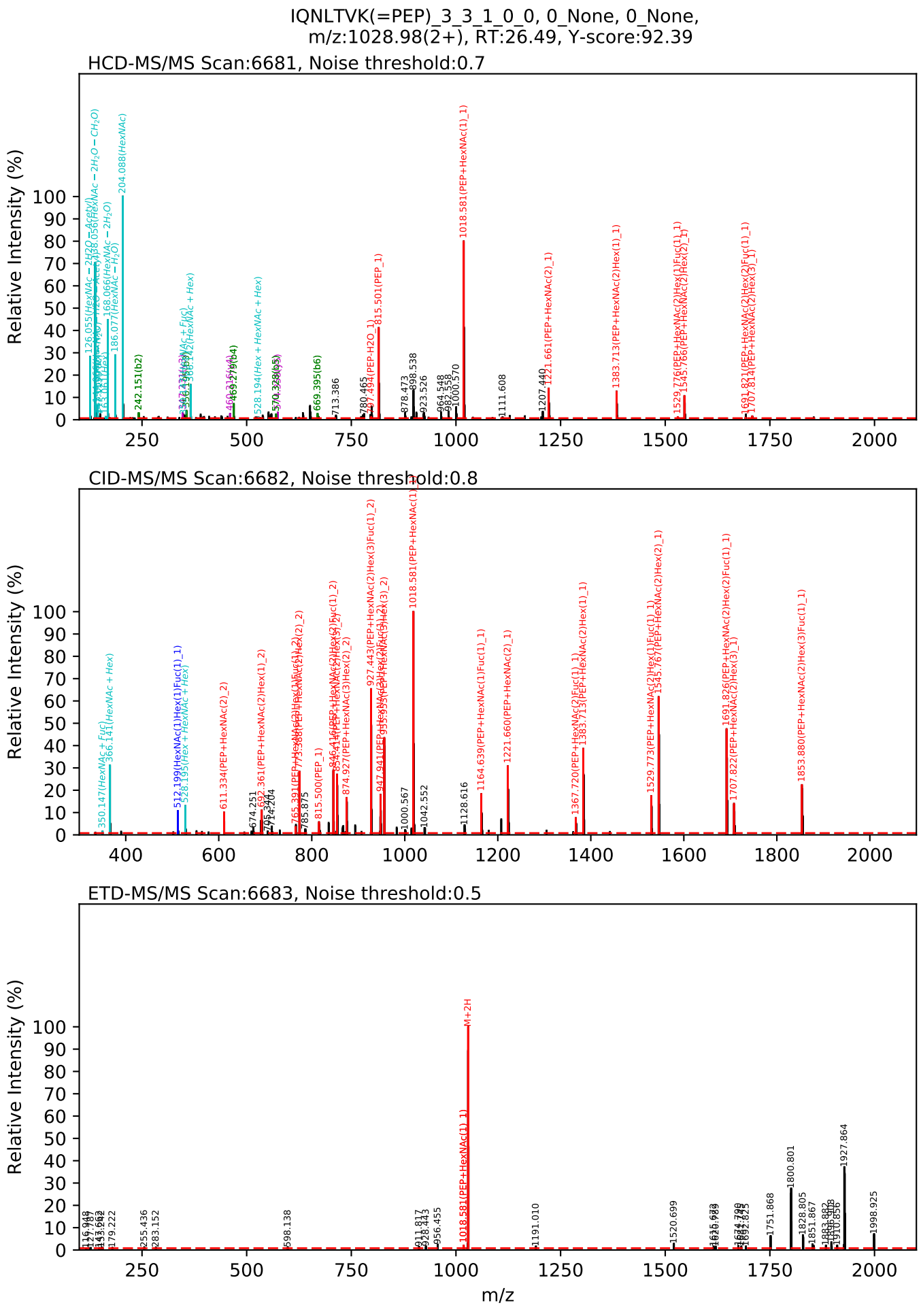

IQNLTVK(=PEP)_3_2_0_0_0, 0_None, 0_None,
m/z:854.41(2+), RT:26.38, Y-score:95.31
HCD-MS/MS Scan:6628, Noise threshold:0.6
Relative Intensity (%)
1018.584(PEP+HexNAc(1)_2)
815.504(PEP_1)
1180.639(PEP+HexNAc(1)Hex(1)_1)
1221.665(PEP+HexNAc(2)_1)
1383.718(PEP+HexNAc(2)Hex(1)_1)
CID-MS/MS Scan:6629, Noise threshold:0.6
Relative Intensity (%)
1018.586(PEP+HexNAc(1)_2)
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)
1144.616
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:6630, Noise threshold:0.7
Relative Intensity (%)
M+2H
M+H
366.144(HexNAc + Hex)
528.198(Hex + HexNAc + Hex)
611.339(PEP+HexNAc(2)_2)
692.367(PEP+HexNAc(2)Hex(1)_2)
773.393(PEP+HexNAc(2)Hex(2)_2)
815.512(PEP_1)
1000.578
1018.588(PEP+HexNAc(1)_1)
1180.643(PEP+HexNAc(1)Hex(1)_1)
1221.670(PEP+HexNAc(2)_1)
1383.724(PEP+HexNAc(2)Hex(1)_1)
1450.669
1479.683
1578.747
1649.805
1665.822
1691.816
m/z

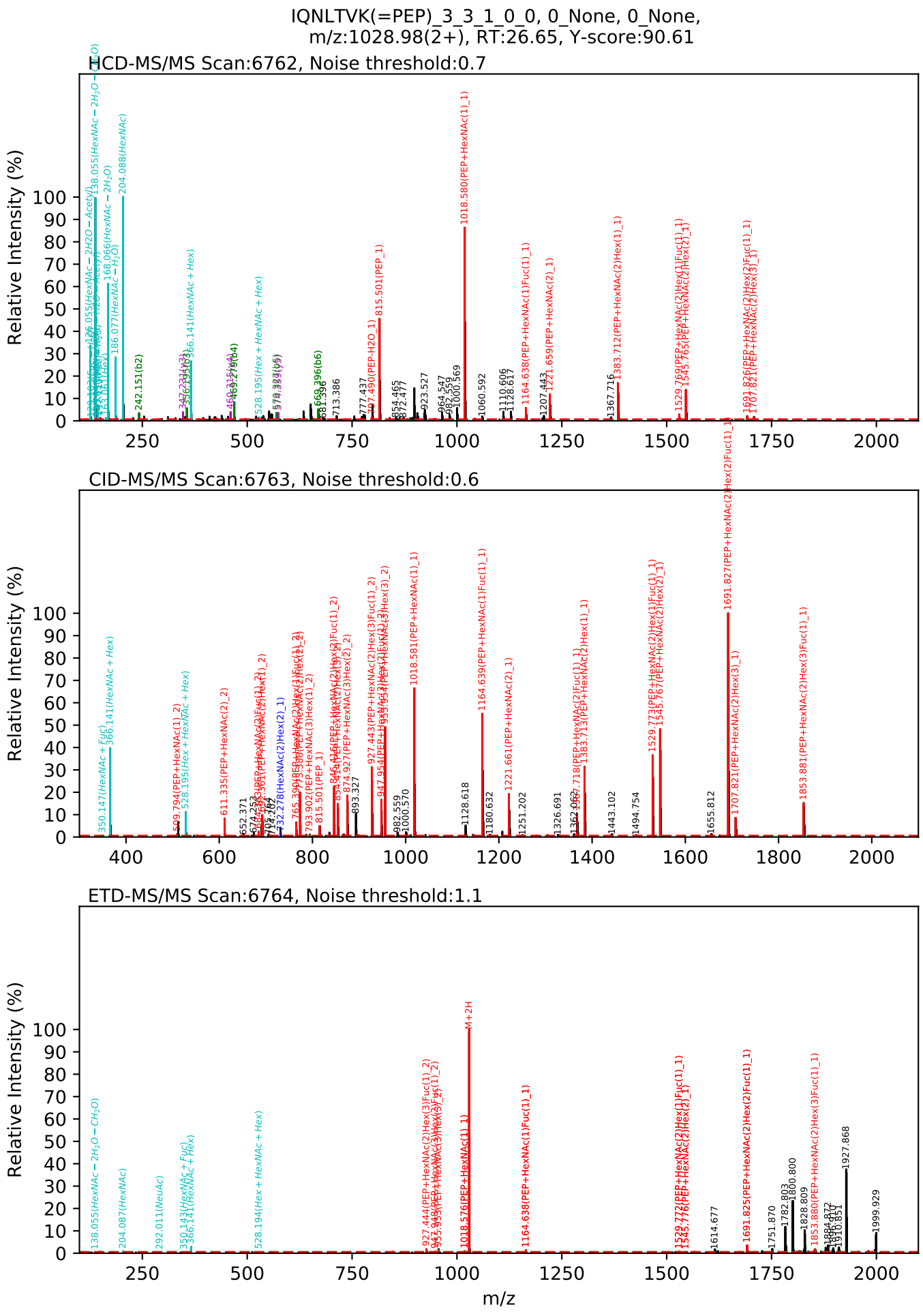

IQNLTVK(=PEP)_3_2_1_0_0, 0_None, 0_None,
m/z:927.44(2+), RT:27.79, Y-score:90.83
HCD-MS/MS Scan:7339, Noise threshold:0.7
CID-MS/MS Scan:7340, Noise threshold:0.5
ETD-MS/MS Scan:7341, Noise threshold:1.5
Relative Intensity (%)
m/z
1018.581(PEP+HexNAc(1)_1)
1164.640(PEP+HexNAc(1)Fuc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
815.502(PEP_1)
797.492(PEP-H2O_1)
669.397(b6)
242.151(b2)
204.088(HexNAc)
528.195(Hex + HexNAc + Hex)
366.142(HexNAc + Hex)
168.066(HexNAc − 2H2O)
M+H
M+2H

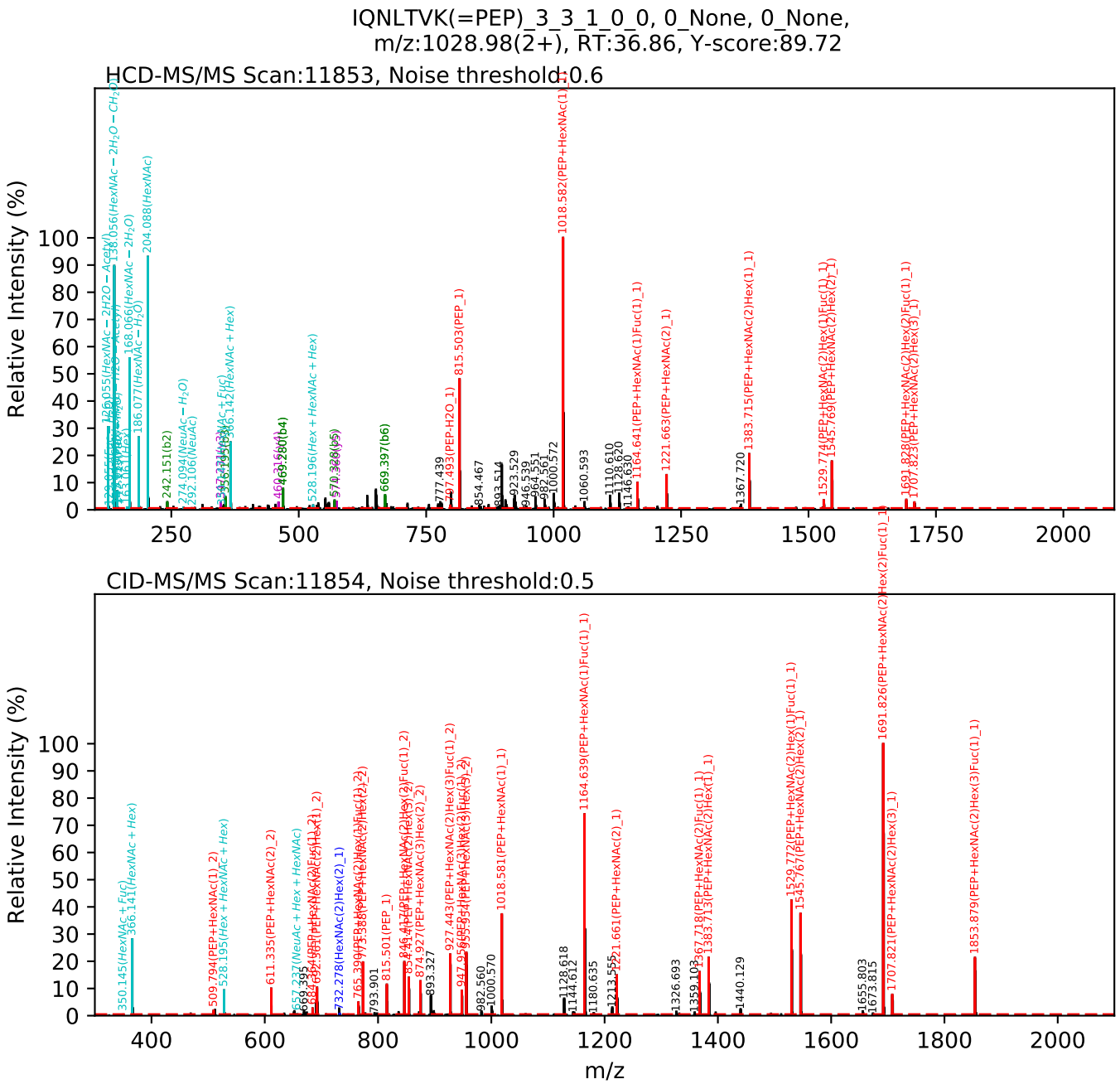

IQNLTVK(=PEP)_3_2_1_0_0, 0_None, 0_None,
m/z:927.44(2+), RT:28.33, Y-score:91.82
HCD-MS/MS Scan:7606, Noise threshold:0.6
CID-MS/MS Scan:7607, Noise threshold:0.6
ETD-MS/MS Scan:7608, Noise threshold:0.9
Relative Intensity (%)
m/z

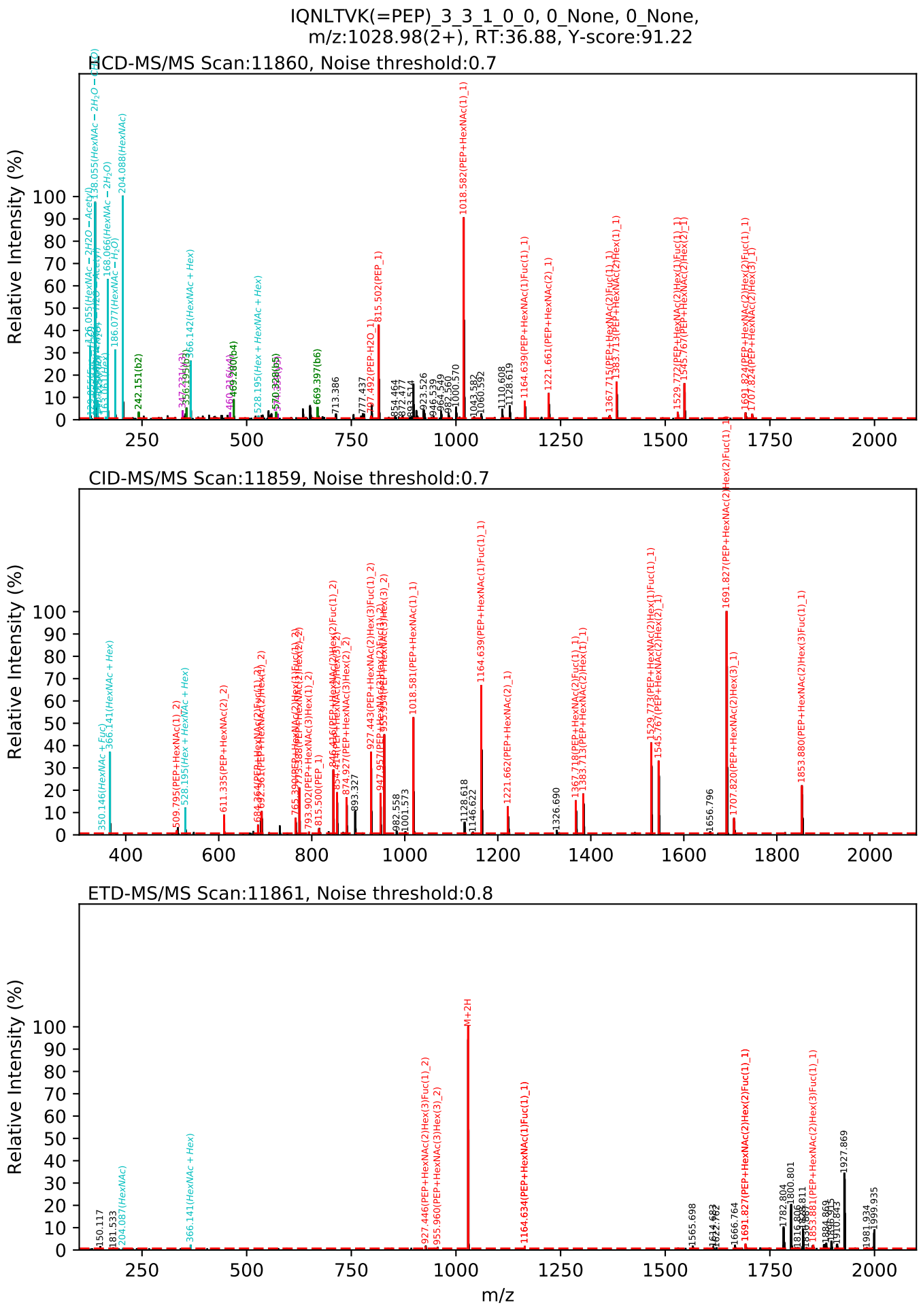

IQNLTVK(=PEP)_3_3_0_0_0, 0_None, 0_None,
m/z:955.95(2+), RT:26.14, Y-score:91.75
HCD-MS/MS Scan:6505, Noise threshold:0.7
CID-MS/MS Scan:6506, Noise threshold:0.5
ETD-MS/MS Scan:6507, Noise threshold:0.6
Relative Intensity (%)
m/z

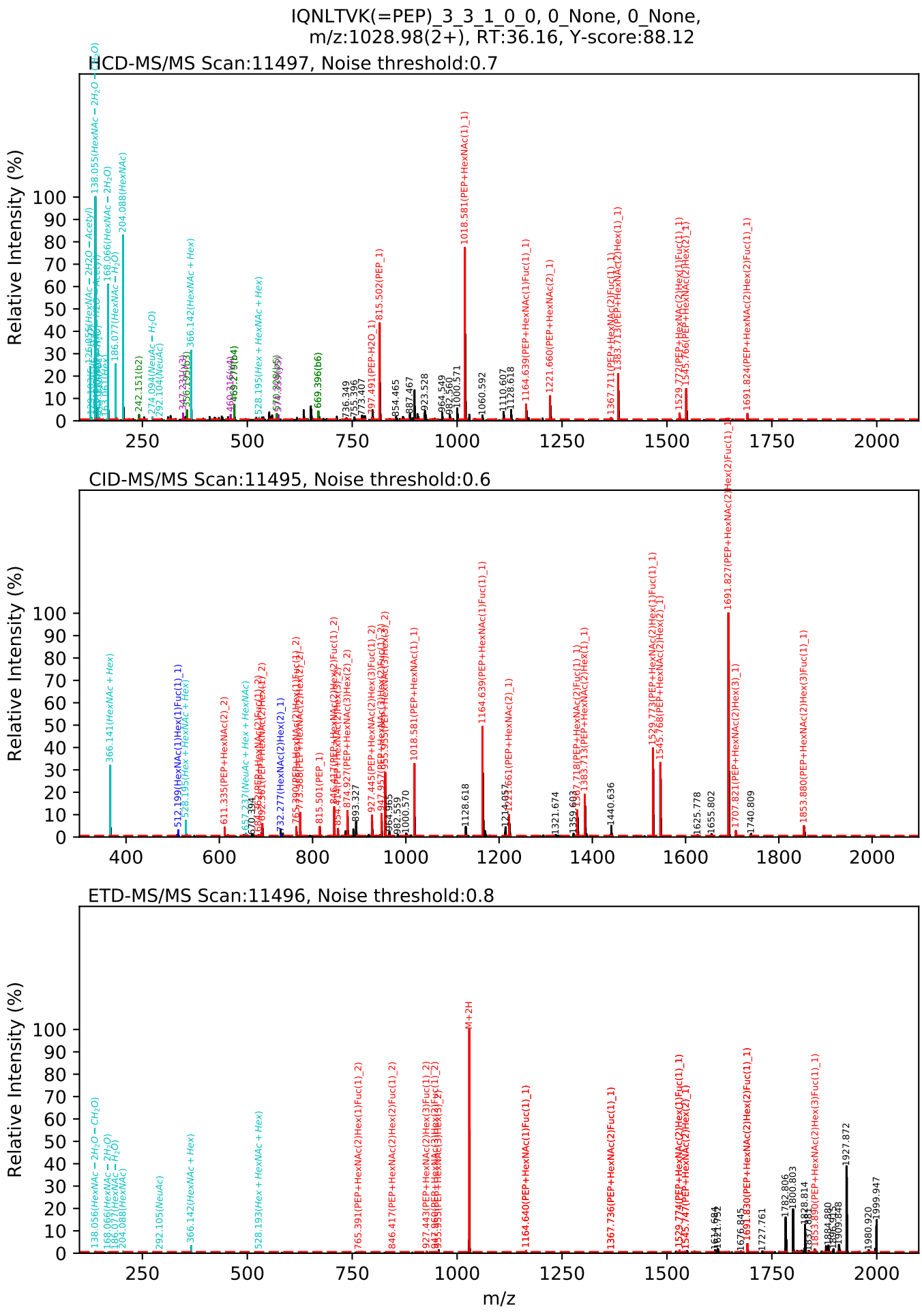

IQNLTVK(=PEP)_3_3_0_0_0, 0_None, 0_None,
m/z:955.95(2+), RT:35.78, Y-score:89.04
HCD-MS/MS Scan:11311, Noise threshold:0.7
CID-MS/MS Scan:11309, Noise threshold:0.5
ETD-MS/MS Scan:11310, Noise threshold:0.5
Relative Intensity (%)
m/z

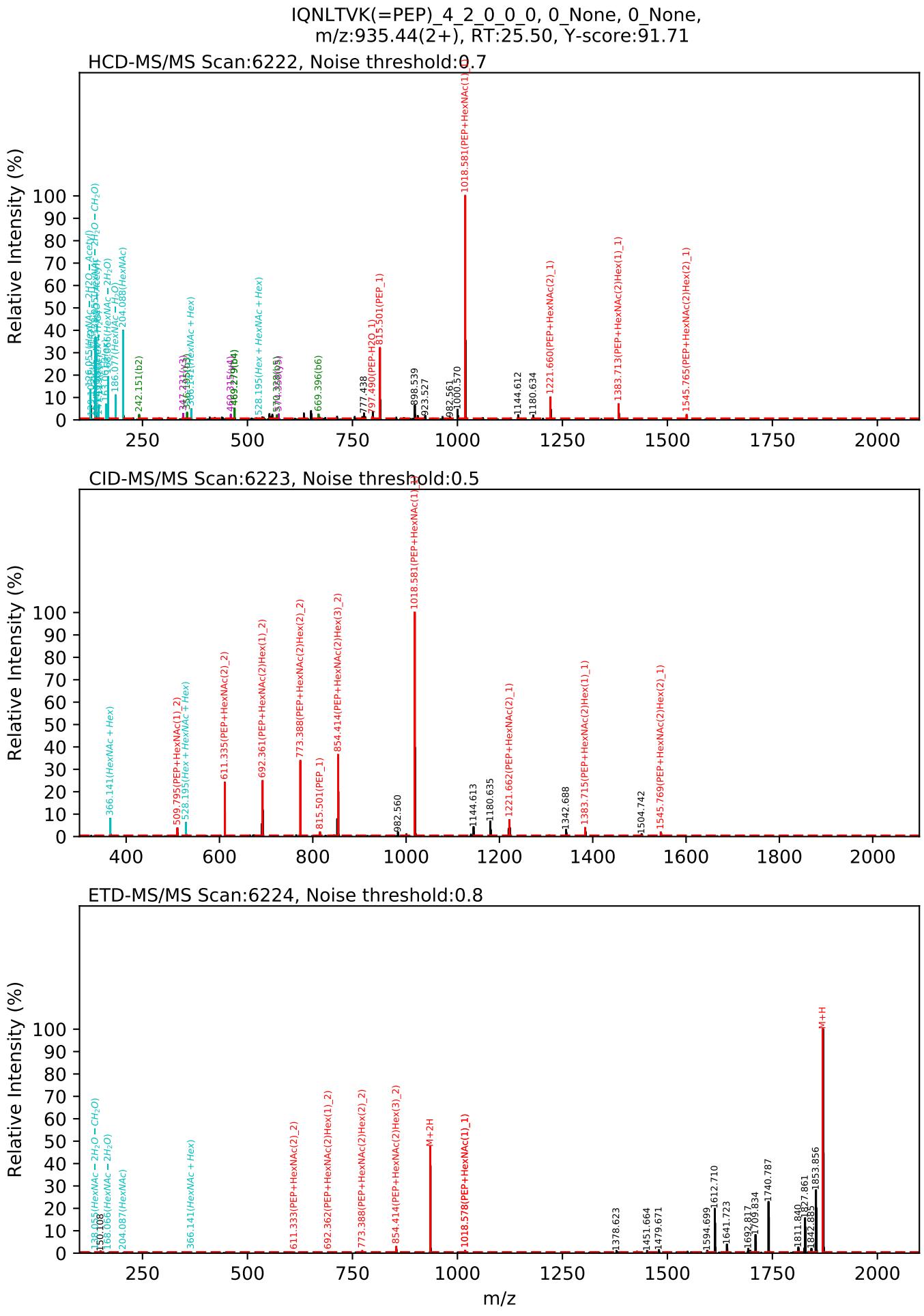

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:26.49, Y-score:92.39
HCD-MS/MS Scan:6681, Noise threshold:0.7
CID-MS/MS Scan:6682, Noise threshold:0.8
ETD-MS/MS Scan:6683, Noise threshold:0.5
Relative Intensity (%)
m/z

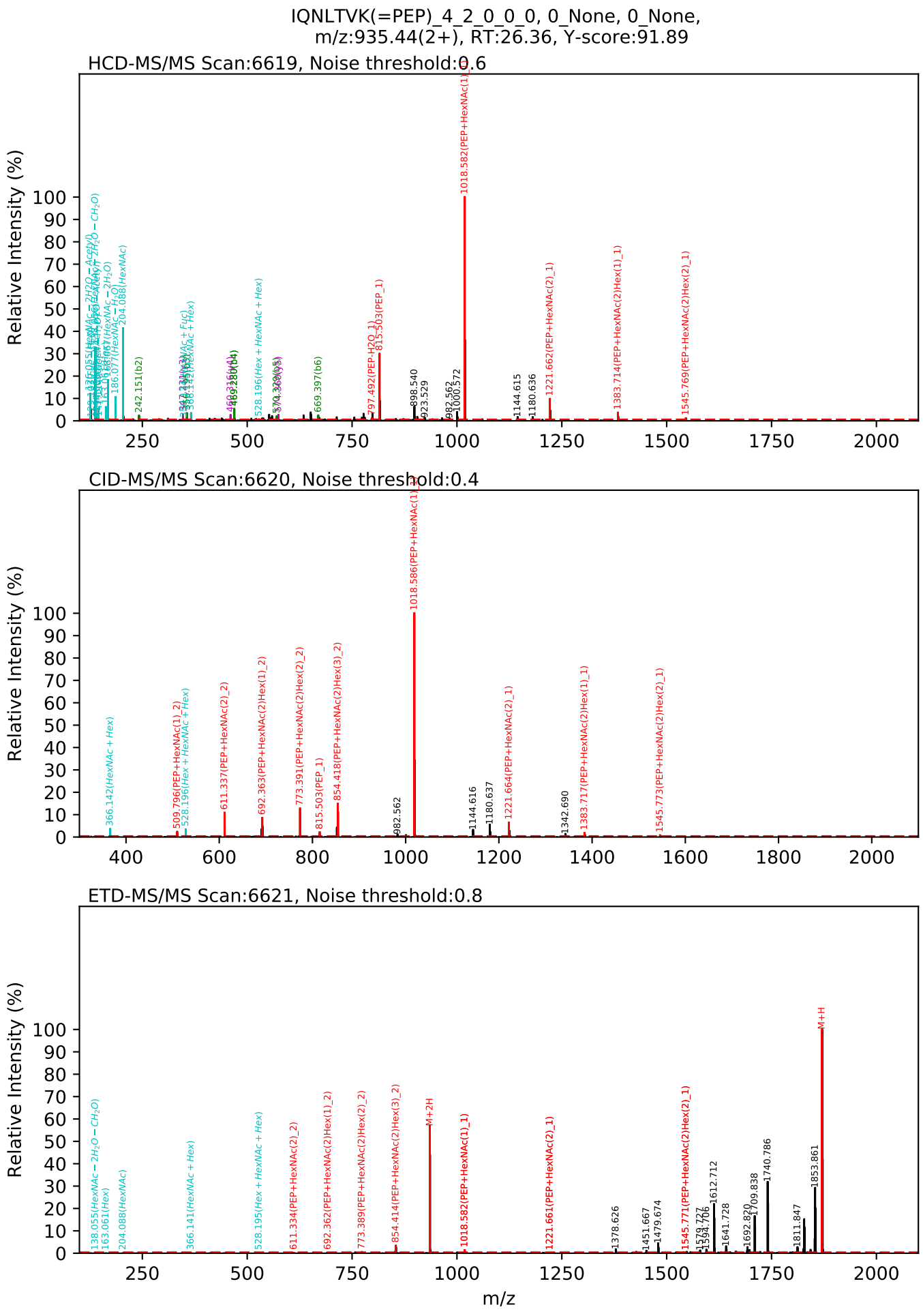

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:26.65, Y-score:90.61
HCD-MS/MS Scan:6762, Noise threshold:0.7
CID-MS/MS Scan:6763, Noise threshold:0.6
ETD-MS/MS Scan:6764, Noise threshold:1.1
Relative Intensity (%)
m/z

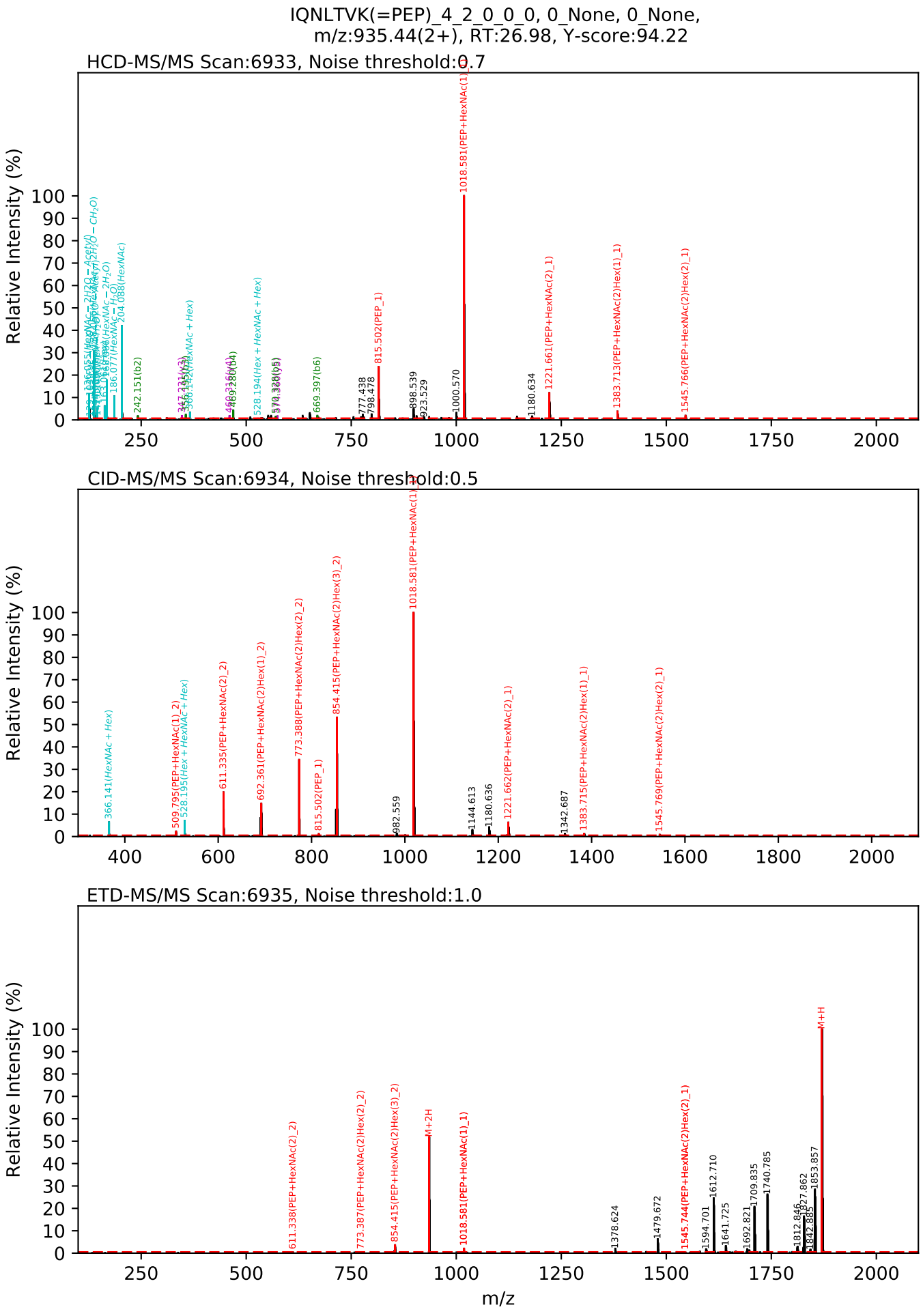

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:36.86, Y-score:89.72
HCD-MS/MS Scan:11853, Noise threshold:0.6
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
815.503(PEP_1)
669.397(b6)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1221.663(PEP+HexNAc(2)_1)
1164.641(PEP+HexNAc(1)Fuc(1)_1)
204.088(HexNAc)
CID-MS/MS Scan:11854, Noise threshold:0.5
Relative Intensity (%)
m/z
1691.826(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1853.879(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
366.141(HexNAc + Hex)
350.145(HexNAc + Fuc)
528.195(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
509.794(PEP+HexNAc(1)_2)

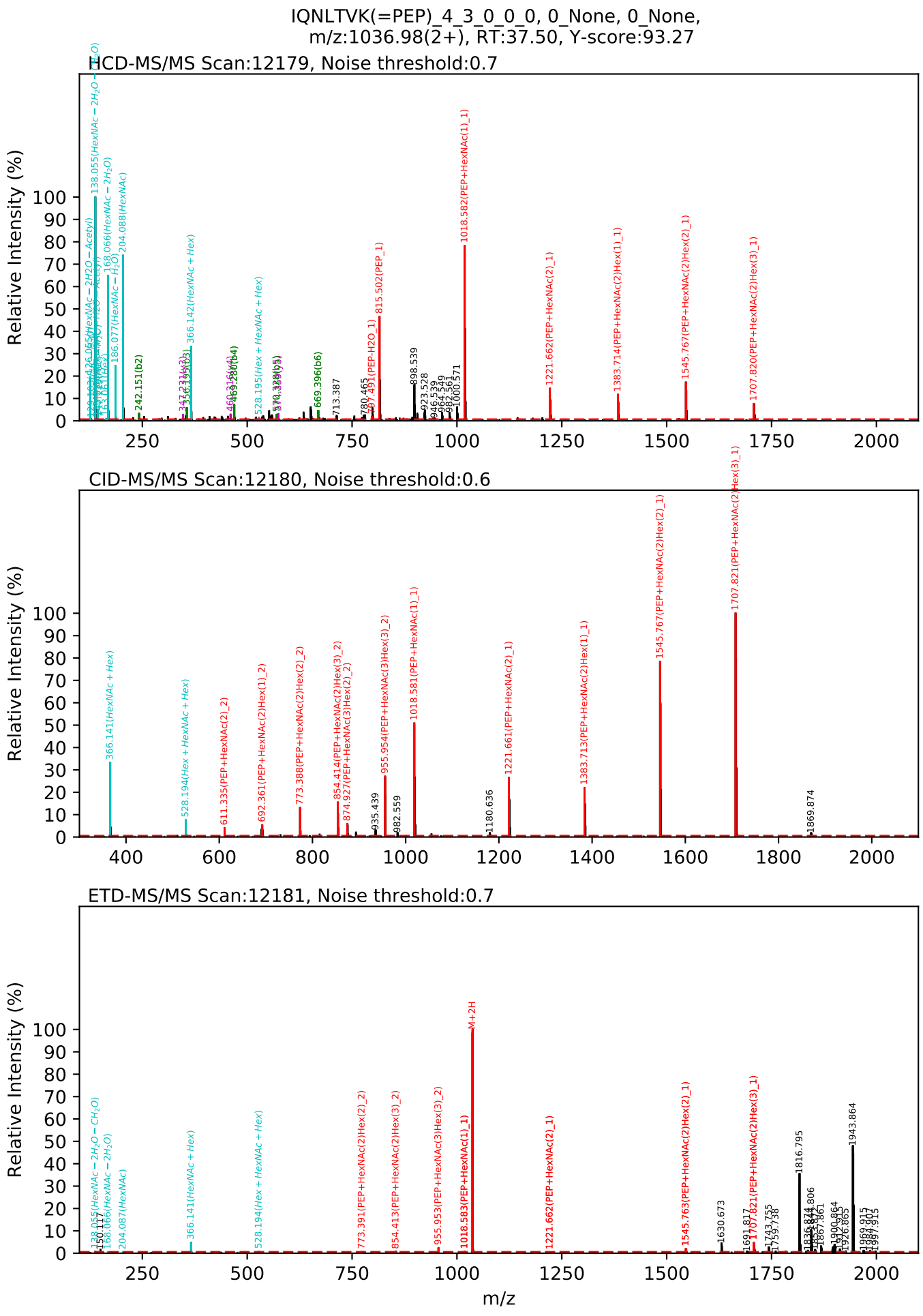

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:36.88, Y-score:91.22
HCD-MS/MS Scan:11860, Noise threshold:0.7
CID-MS/MS Scan:11859, Noise threshold:0.7
ETD-MS/MS Scan:11861, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H
1018.582(PEP+HexNAc(1)_1)
815.502(PEP_1)
669.397(b6)
242.151(b2)
204.088(HexNAc)
366.142(HexNAc + Hex)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1691.827(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1853.880(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1164.634(PEP+HexNAc(1)Fuc(1)_1)
927.446(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
955.960(PEP+HexNAc(3)Hex(3)_2)

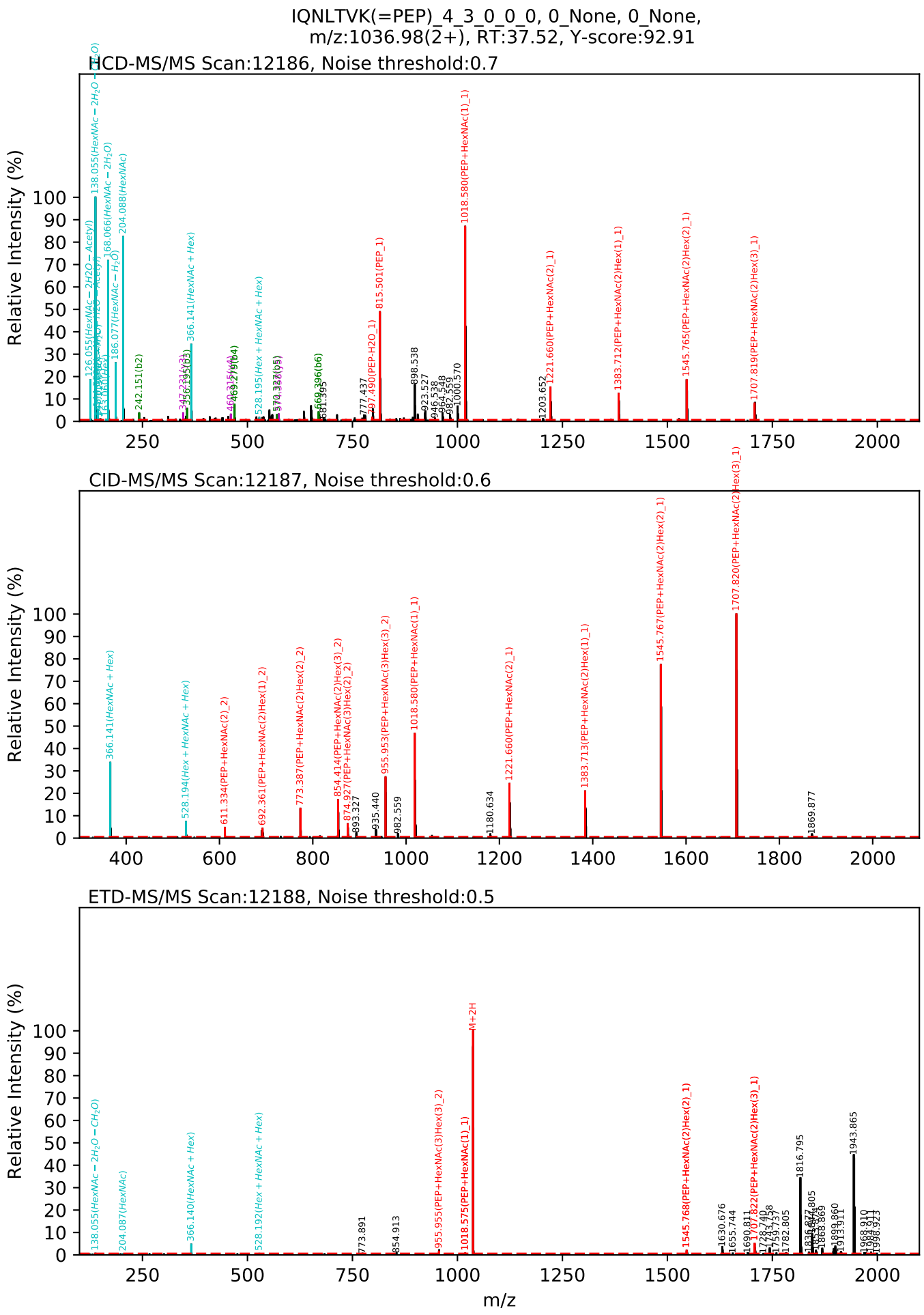

IQNLTVK(=PEP)_3_3_1_0_0, 0_None, 0_None,
m/z:1028.98(2+), RT:36.16, Y-score:88.12
HCD-MS/MS Scan:11497, Noise threshold:0.7
CID-MS/MS Scan:11495, Noise threshold:0.6
ETD-MS/MS Scan:11496, Noise threshold:0.8
Relative Intensity (%)
m/z

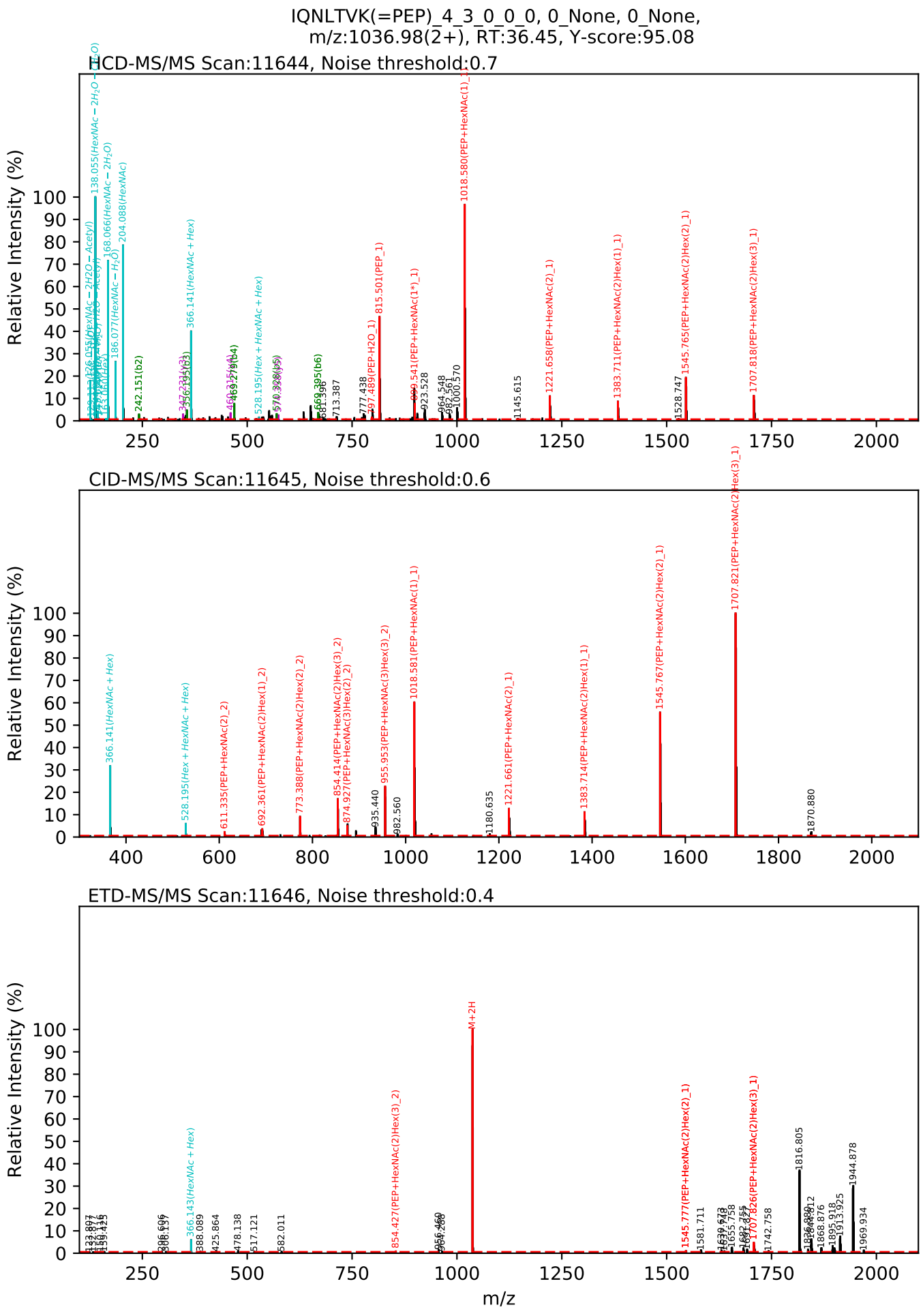

IQNLTVK(=PEP)_4_2_0_0_0, 0_None, 0_None,
m/z:935.44(2+), RT:25.50, Y-score:91.71
HCD-MS/MS Scan:6222, Noise threshold:0.7
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
204.088(HexNAc)
242.151(b2)
669.396(b6)
815.501(PEP_1)
1221.660(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:6223, Noise threshold:0.5
Relative Intensity (%)
366.141(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)
1018.581(PEP+HexNAc(1)_1)
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:6224, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
611.333(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
M+2H
1018.578(PEP+HexNAc(1)_1)
M+H
m/z

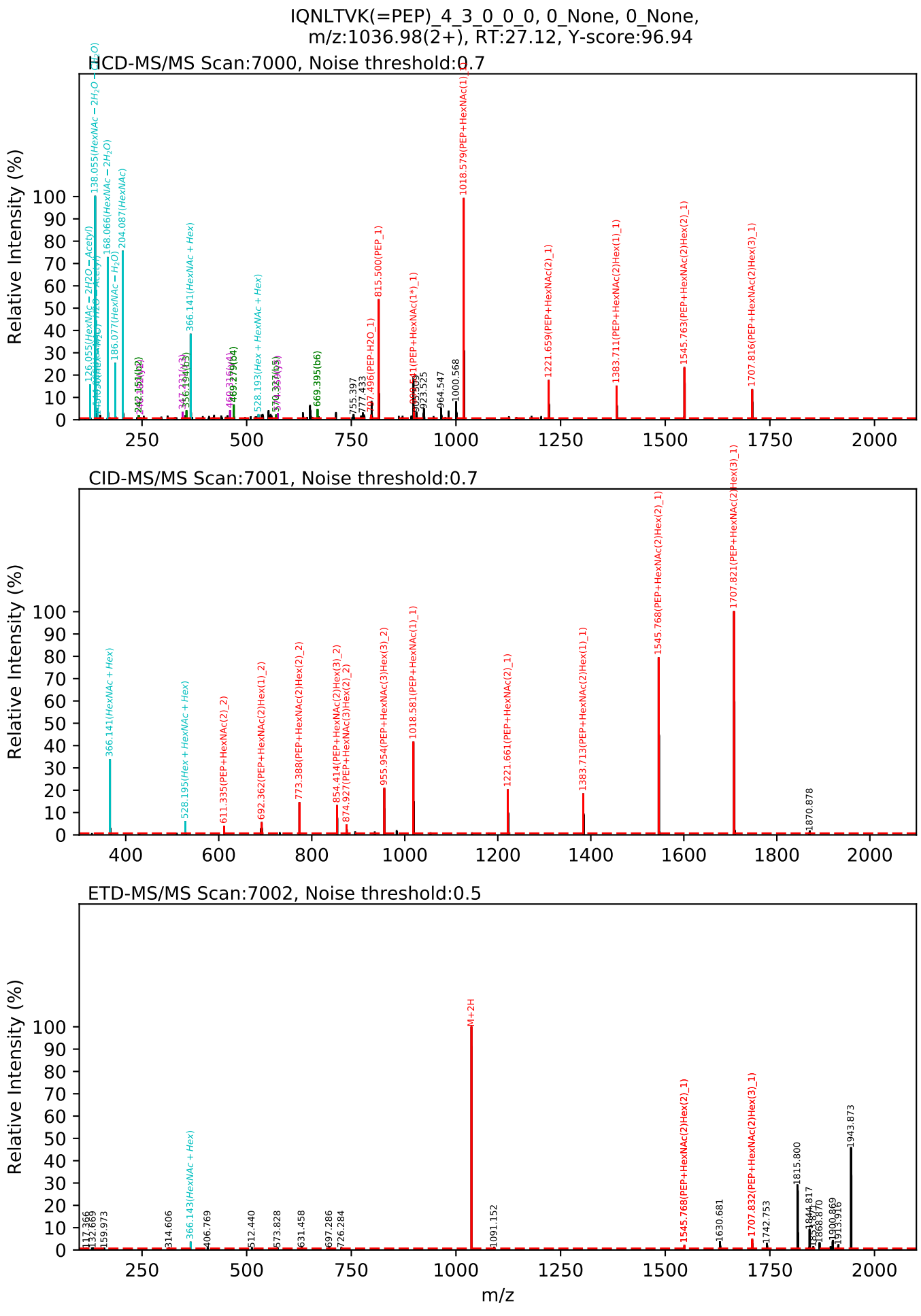

IQNLTVK(=PEP)_4_2_0_0_0, 0_None, 0_None,
m/z:935.44(2+), RT:26.36, Y-score:91.89
HCD-MS/MS Scan:6619, Noise threshold:0.6
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
204.088(HexNAc)
242.151(b2)
528.196(Hex + HexNAc + Hex)
669.397(b6)
797.492(PEP-H2O_1)
815.503(PEP_1)
898.540
923.529
982.562
1000.572
1144.615
1180.636
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:6620, Noise threshold:0.4
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)
854.418(PEP+HexNAc(2)Hex(3)_2)
1018.586(PEP+HexNAc(1)_1)
982.562
1144.616
1180.637
1221.664(PEP+HexNAc(2)_1)
1342.690
1383.717(PEP+HexNAc(2)Hex(1)_1)
1545.773(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:6621, Noise threshold:0.8
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
163.061(Hex)
204.088(HexNAc)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
M+2H
1018.582(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1378.626
1451.667
1479.674
1545.771(PEP+HexNAc(2)Hex(2)_1)
1579.727
1594.706
1612.712
1641.728
1692.820
1709.838
1740.786
1811.847
1853.861
M+H
m/z

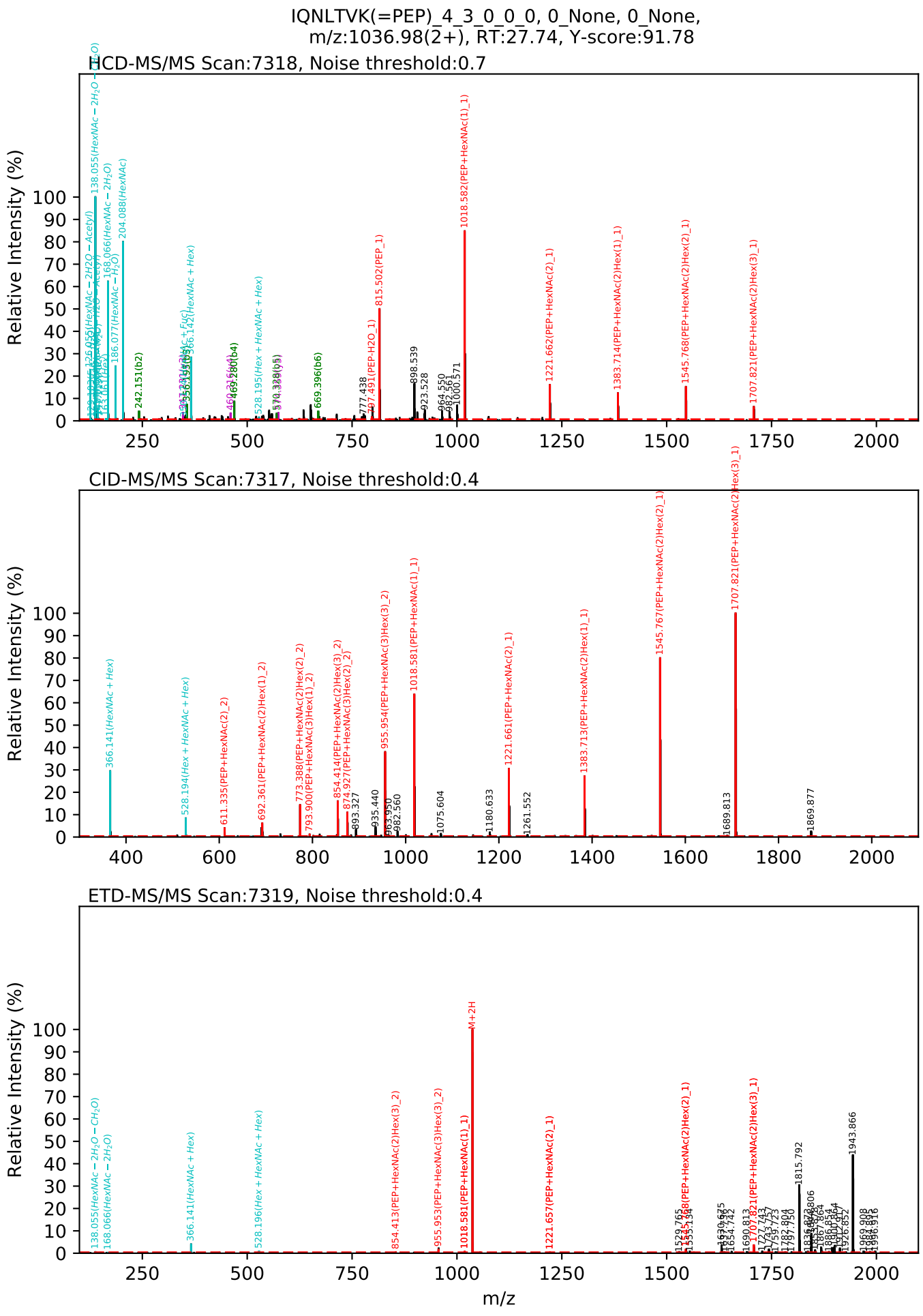

IQNLTVK(=PEP)_4_2_0_0_0, 0_None, 0_None,
m/z:935.44(2+), RT:26.98, Y-score:94.22
HCD-MS/MS Scan:6933, Noise threshold:0.7
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
815.502(PEP_1)
242.151(b2)
669.397(b6)
1000.570
1180.634
CID-MS/MS Scan:6934, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
509.795(PEP+HexNAc(1)_2)
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)
815.502(PEP_1)
854.415(PEP+HexNAc(2)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1144.613
1180.636
1221.662(PEP+HexNAc(2)_1)
1342.687
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:6935, Noise threshold:1.0
Relative Intensity (%)
611.338(PEP+HexNAc(2)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
M+2H
1018.581(PEP+HexNAc(1)_1)
1378.624
1479.672
1545.744(PEP+HexNAc(2)Hex(2)_1)
1594.701
1612.710
1641.725
1692.821
1709.835
1740.785
1812.846
1827.862
1842.885
1853.857
M+H
m/z

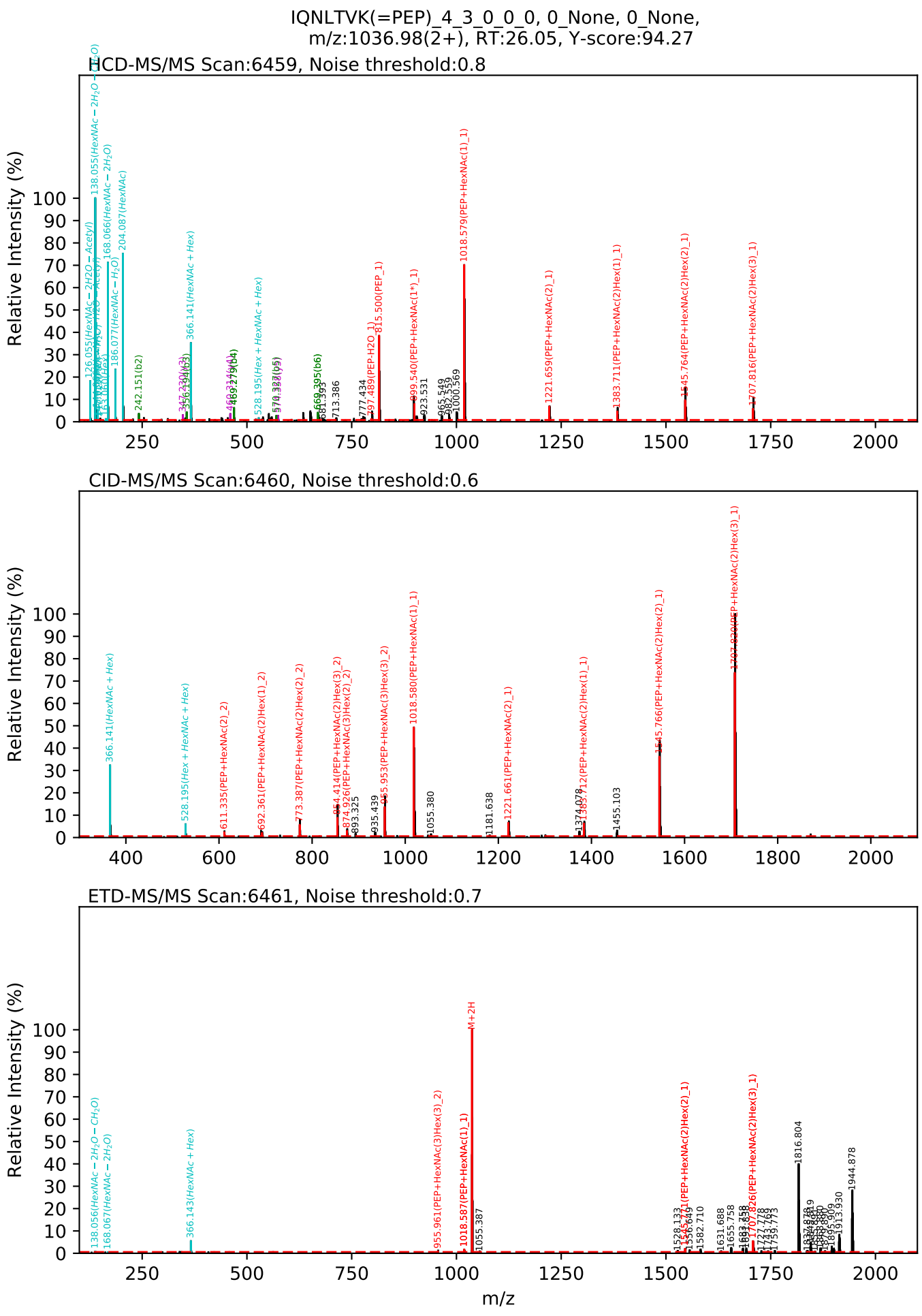

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:37.50, Y-score:93.27
HCD-MS/MS Scan:12179, Noise threshold:0.7
Relative Intensity (%)
242.151(b2)
366.142(HexNAc + Hex)
669.396(b6)
713.387
815.502(PEP_1)
1018.582(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:12180, Noise threshold:0.6
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)
1018.581(PEP+HexNAc(1)_1)
1180.636
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1869.874
ETD-MS/MS Scan:12181, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
773.391(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.583(PEP+HexNAc(1)_1)
M+2H
1221.662(PEP+HexNAc(2)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1630.673
1707.821(PEP+HexNAc(2)Hex(3)_1)
1816.795
1943.864
m/z

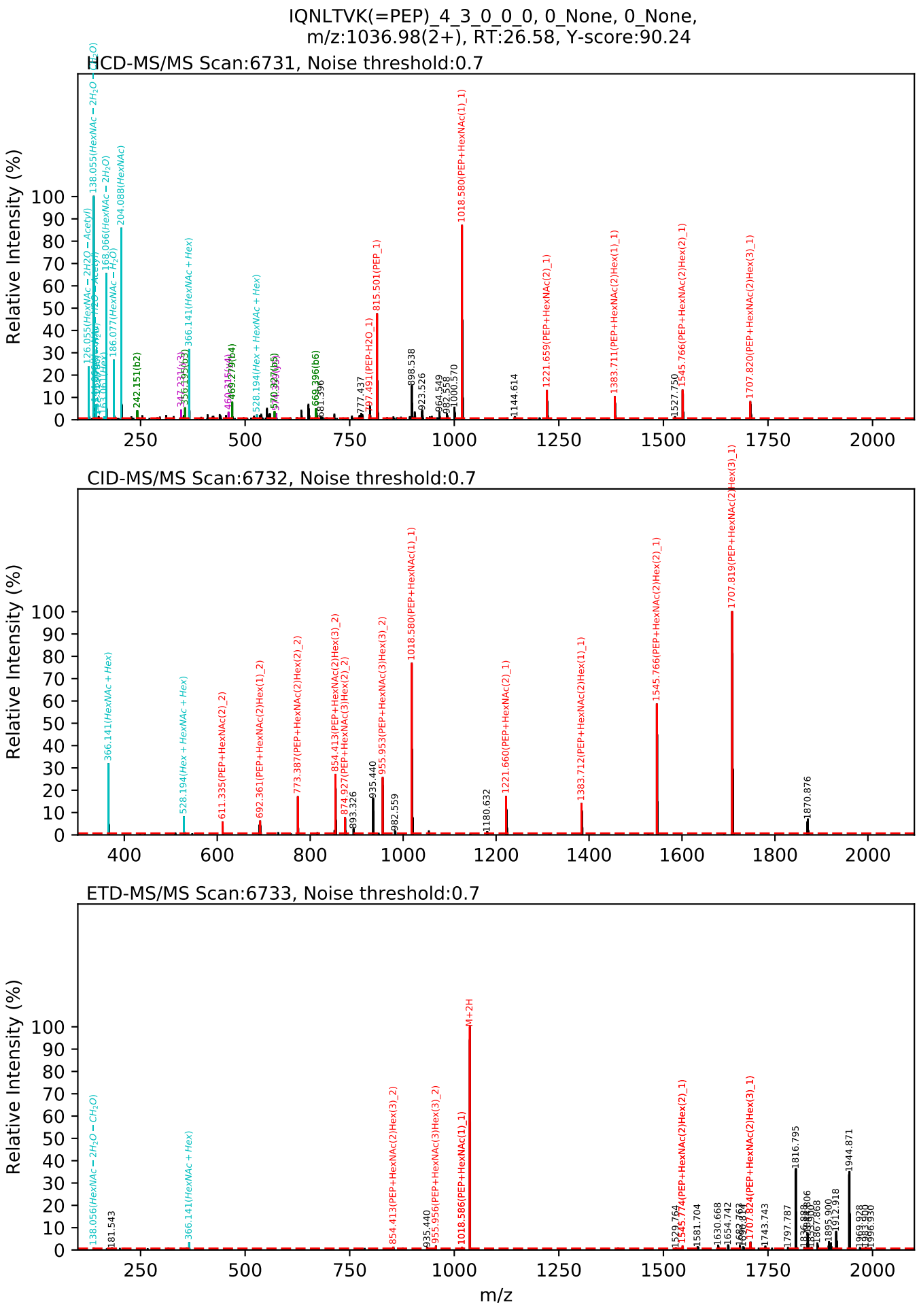

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:37.52, Y-score:92.91
HCD-MS/MS Scan:12186, Noise threshold:0.7
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:12187, Noise threshold:0.6
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)
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:12188, Noise threshold:0.5
Relative Intensity (%)
M+2H
1018.575(PEP+HexNAc(1)_1)
955.955(PEP+HexNAc(3)Hex(3)_2)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
m/z

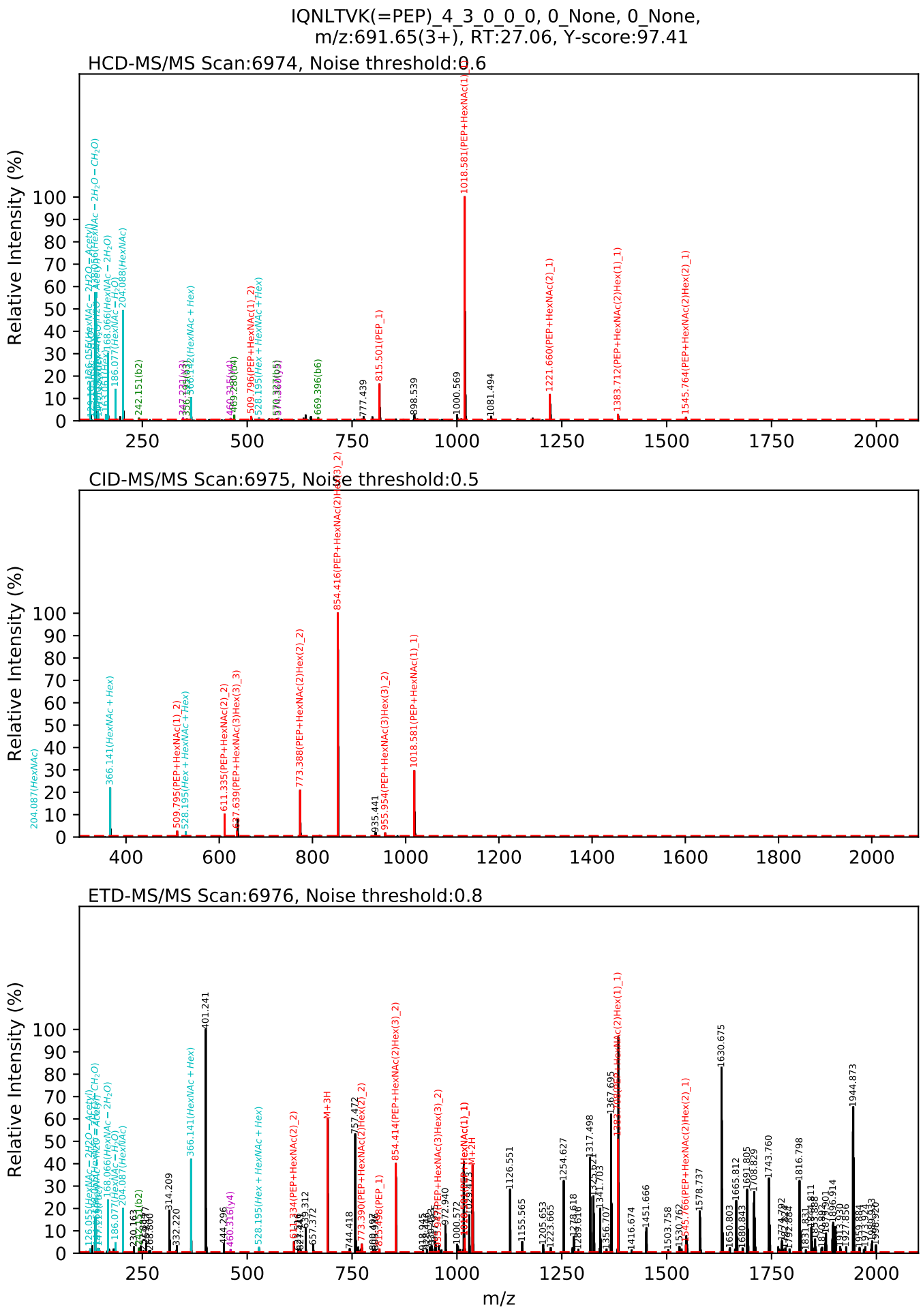

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:36.45, Y-score:95.08
HCD-MS/MS Scan:11644, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:11645, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:11646, Noise threshold:0.4
Relative Intensity (%)
m/z

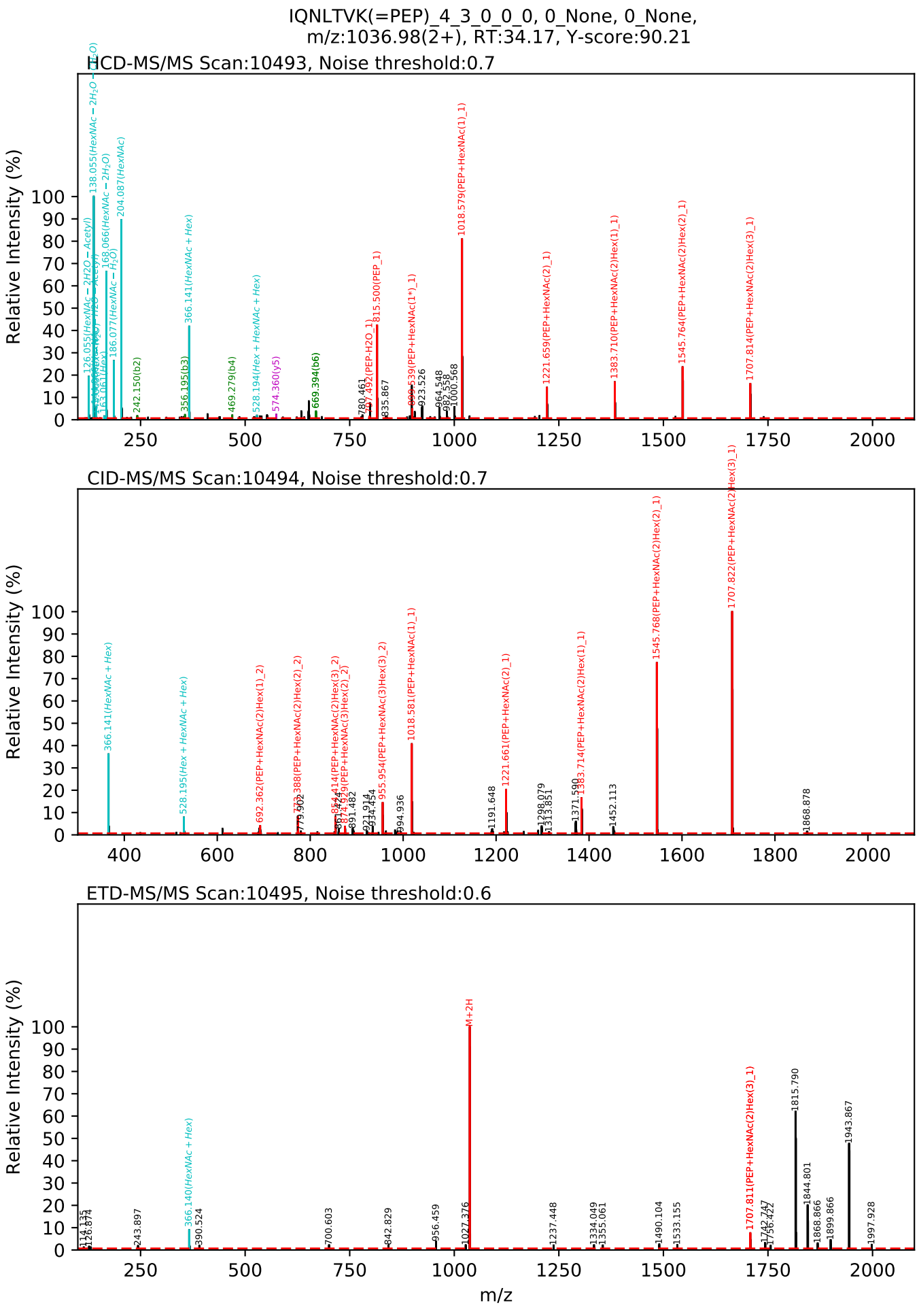

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:27.12, Y-score:96.94
HCD-MS/MS Scan:7000, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O − Acetyl)
204.087(HexNAc)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
669.395(b6)
755.397
777.433
815.500(PEP_1)
907.496(PEP-H2O_1)
964.547
1000.568
1018.579(PEP+HexNAc(1)_1)
1221.659(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:7001, Noise threshold:0.7
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)
854.414(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)
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)
1870.878
ETD-MS/MS Scan:7002, Noise threshold:0.5
Relative Intensity (%)
M+2H
366.143(HexNAc + Hex)
1091.152
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.832(PEP+HexNAc(2)Hex(3)_1)
1943.873
m/z

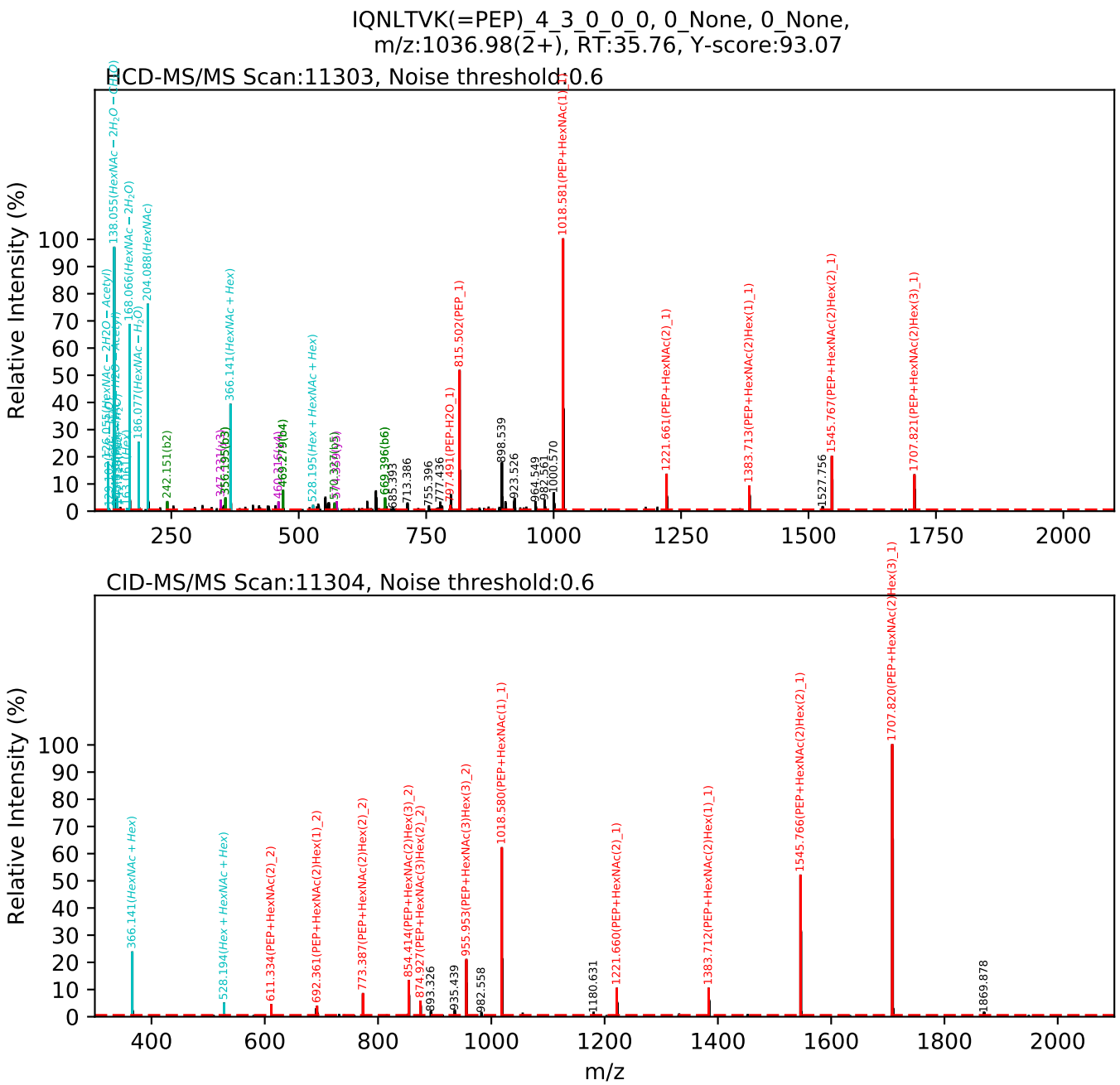

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:27.74, Y-score:91.78
HCD-MS/MS Scan:7318, Noise threshold:0.7
Relative Intensity (%)
242.151(b2)
669.396(b6)
1018.582(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:7317, Noise threshold:0.4
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)
793.900(PEP+HexNAc(3)Hex(1)_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)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:7319, Noise threshold:0.4
Relative Intensity (%)
366.141(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
854.413(PEP+HexNAc(2)Hex(3)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
M+2H
1221.657(PEP+HexNAc(2)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
m/z

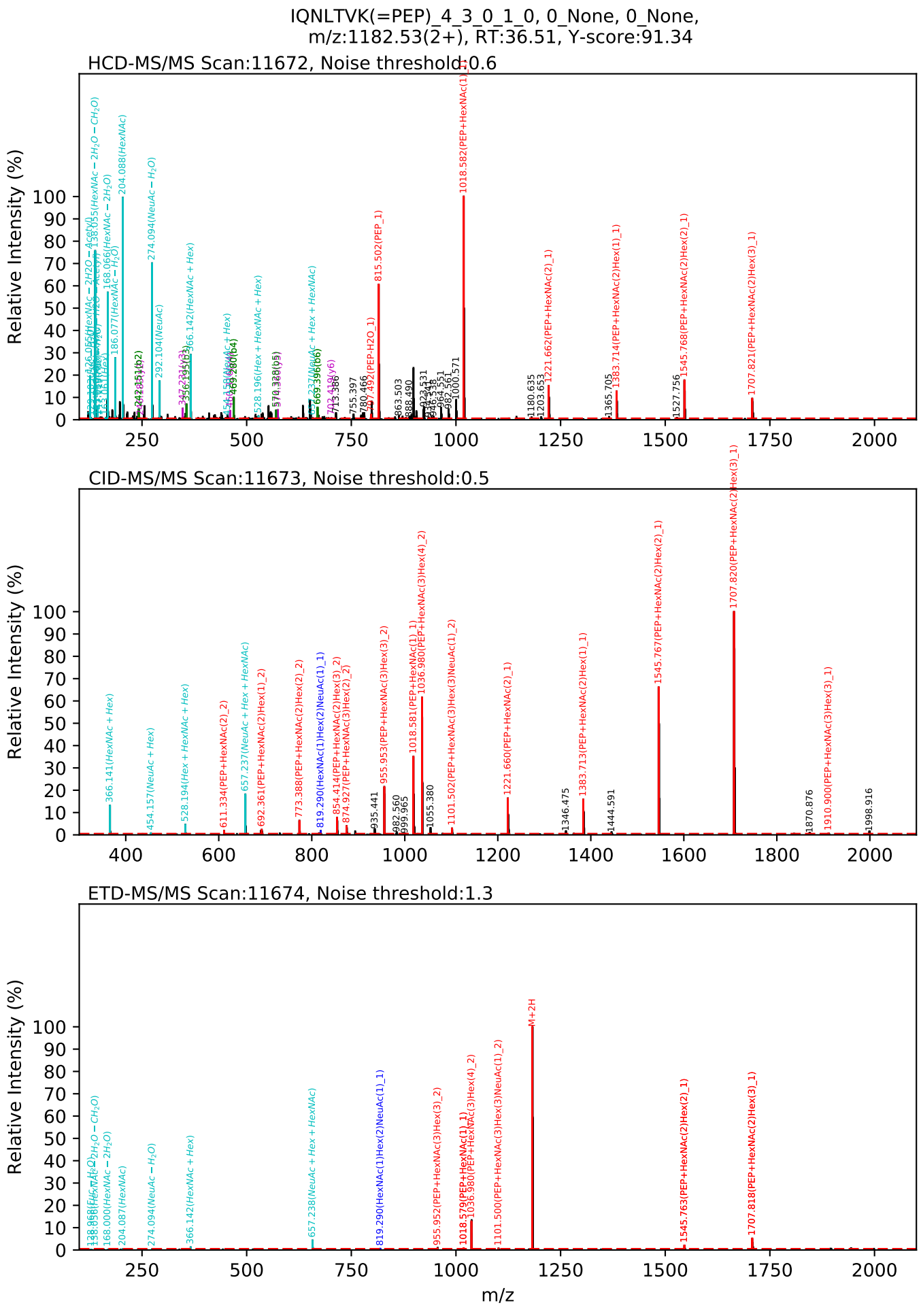

IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:26.05, Y-score:94.27
HCD-MS/MS Scan:6459, Noise threshold:0.8
Relative Intensity (%)
242.151(b2)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
713.386
815.500(PEP_1)
899.540(PEP+HexNAc(1*)_1)
1018.579(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6460, Noise threshold:0.6
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)
773.387(PEP+HexNAc(2)Hex(2)_2)
874.926(PEP+HexNAc(3)Hex(2)_2)
935.439
995.953(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1055.380
1181.638
1221.661(PEP+HexNAc(2)_1)
1374.078
1383.712(PEP+HexNAc(2)Hex(1)_1)
1455.103
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.826(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:6461, Noise threshold:0.7
Relative Intensity (%)
366.143(HexNAc + Hex)
955.961(PEP+HexNAc(3)Hex(3)_2)
1018.587(PEP+HexNAc(1)_1)
M+2H
1055.387
1528.133
1545.771(PEP+HexNAc(2)Hex(2)_1)
1556.649
1582.710
1631.688
1655.758
1707.826(PEP+HexNAc(2)Hex(3)_1)
1727.778
1743.769
1759.773
1816.804
1913.930
1944.878
m/z


IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:26.58, Y-score:90.24
HCD-MS/MS Scan:6731, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:6732, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:6733, Noise threshold:0.7
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:691.65(3+), RT:27.06, Y-score:97.41
HCD-MS/MS Scan:6974, Noise threshold:0.6
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
815.501(PEP_1)
366.141(HexNAc + Hex)
204.088(HexNAc)
CID-MS/MS Scan:6975, Noise threshold:0.5
Relative Intensity (%)
854.416(PEP+HexNAc(2)Hex(3)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
1018.581(PEP+HexNAc(1)_1)
611.335(PEP+HexNAc(2)_2)
509.795(PEP+HexNAc(1)_2)
528.195(Hex + HexNAc + Hex)
366.141(HexNAc + Hex)
204.087(HexNAc)
ETD-MS/MS Scan:6976, Noise threshold:0.8
Relative Intensity (%)
m/z
854.414(PEP+HexNAc(2)Hex(3)_2)
773.390(PEP+HexNAc(2)Hex(2)_2)
366.141(HexNAc + Hex)
401.241
M+3H
M+2H


IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:34.17, Y-score:90.21
HCD-MS/MS Scan:10493, Noise threshold:0.7
CID-MS/MS Scan:10494, Noise threshold:0.7
ETD-MS/MS Scan:10495, Noise threshold:0.6
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_4_3_0_0_0, 0_None, 0_None,
m/z:1036.98(2+), RT:35.76, Y-score:93.07
HCD-MS/MS Scan:11303, Noise threshold:0.6
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)
1707.821(PEP+HexNAc(2)Hex(3)_1)
366.141(HexNAc + Hex)
204.088(HexNAc)
242.151(b2)
528.195(Hex + HexNAc + Hex)
CID-MS/MS Scan:11304, Noise threshold:0.6
Relative Intensity (%)
m/z
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)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1180.631
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1869.878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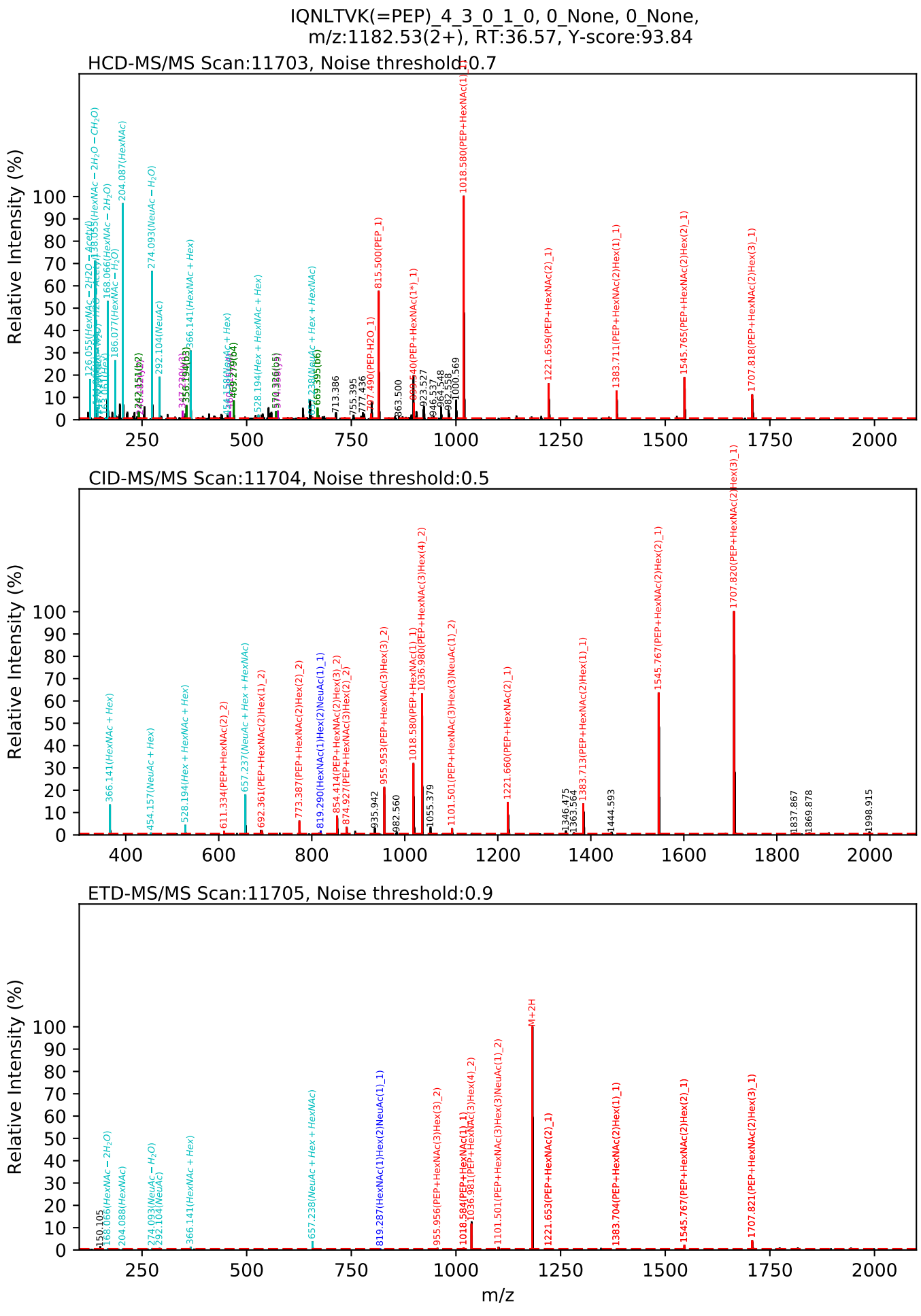
m/z:1182.53(2+), RT:36.51, Y-score:91.34
HCD-MS/MS Scan:11672, Noise threshold:0.6
CID-MS/MS Scan:11673, Noise threshold:0.5
ETD-MS/MS Scan:11674, Noise threshold:1.3
Relative Intensity (%)
m/z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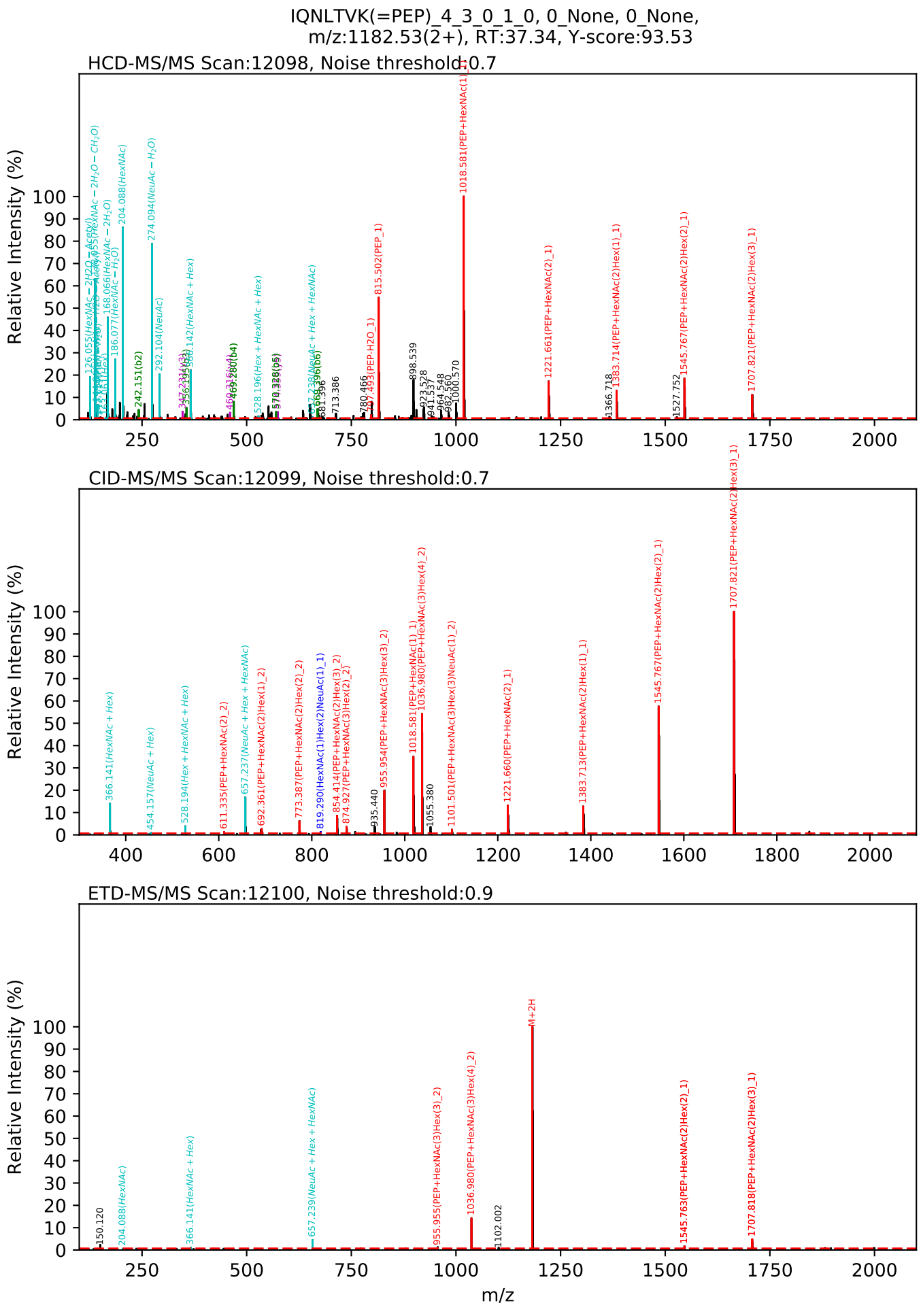
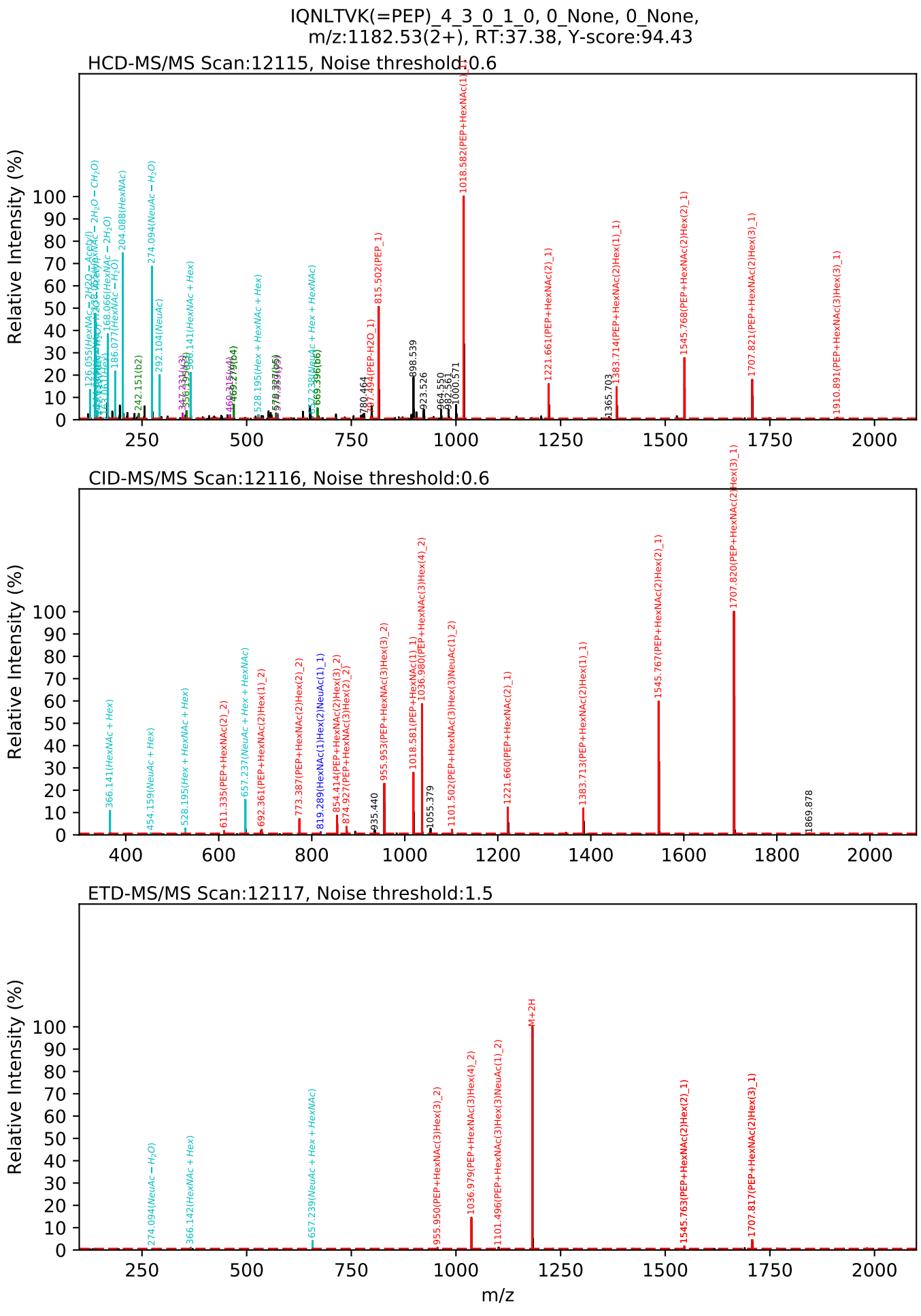
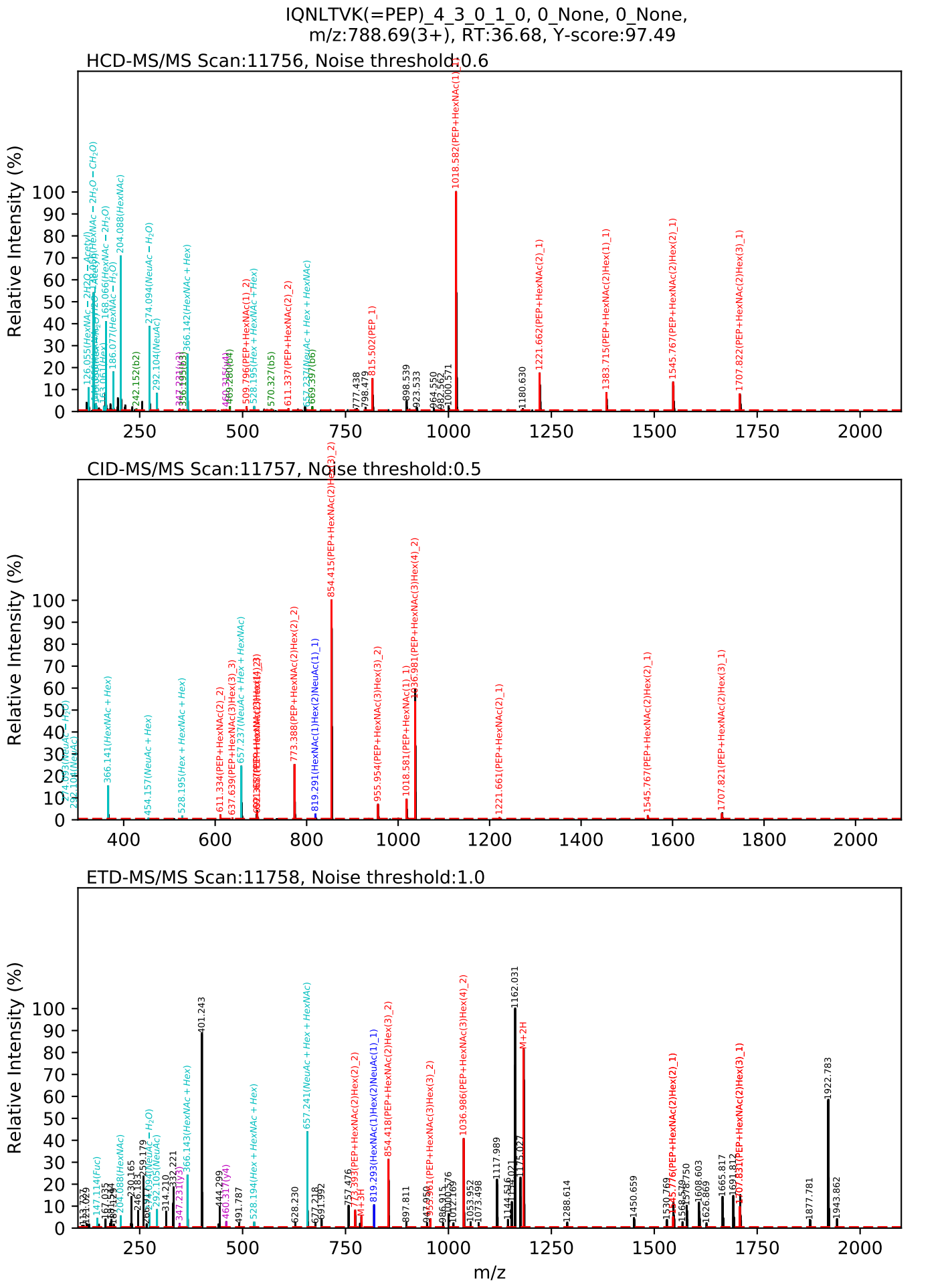
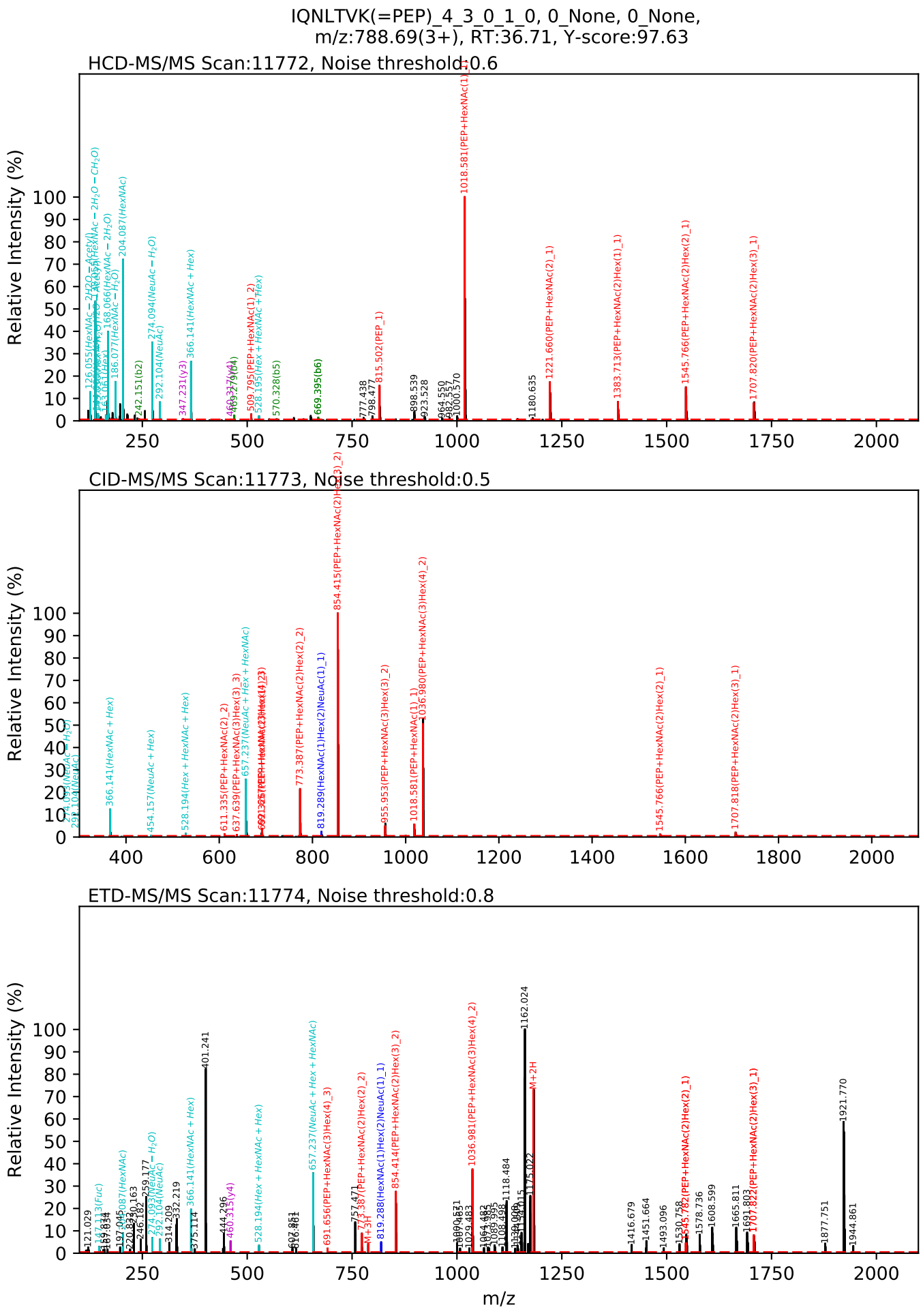
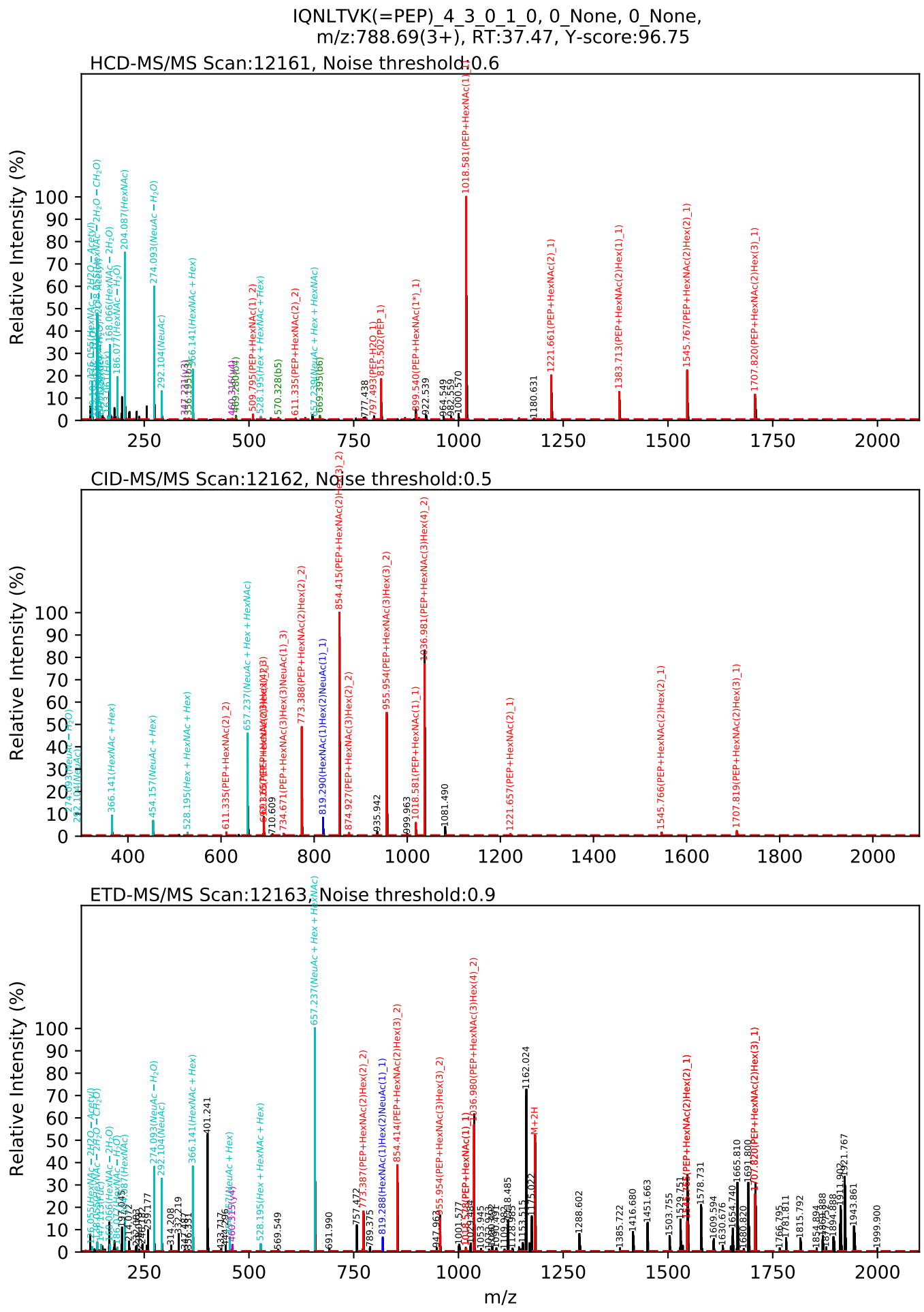
m/z:1182.53(2+), RT:36.57, Y-score:93.84
HCD-MS/MS Scan:11703, Noise threshold:0.7
CID-MS/MS Scan:11704, Noise threshold:0.5
ETD-MS/MS Scan:11705, Noise threshold:0.9
Relative Intensity (%)
m/z

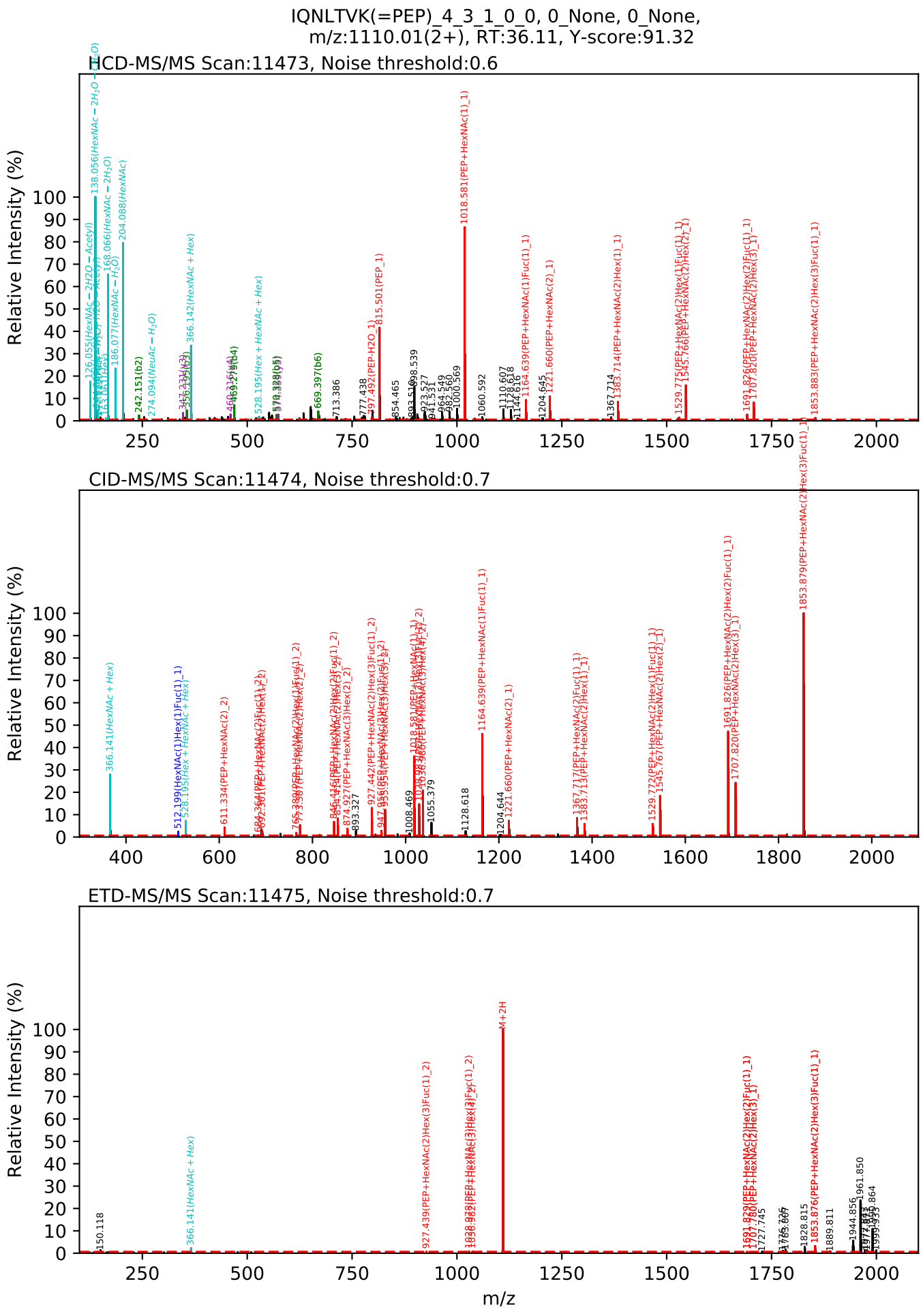

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.53(2+), RT:37.34, Y-score:93.53
HCD-MS/MS Scan:12098, Noise threshold:0.7
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
815.502(PEP_1)
274.094(NeuAc − H2O)
204.088(HexNAc)
292.104(NeuAc)
242.151(b2)
528.196(Hex + HexNAc + Hex)
CID-MS/MS Scan:12099, Noise threshold:0.7
Relative Intensity (%)
1707.821(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)
1018.581(PEP+HexNAc(1)_1)
955.954(PEP+HexNAc(3)Hex(3)_2)
366.141(HexNAc + Hex)
454.157(NeuAc + Hex)
528.194(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.387(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)
1101.501(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
ETD-MS/MS Scan:12100, Noise threshold:0.9
Relative Intensity (%)
M+2H
1707.818(PEP+HexNAc(2)Hex(3)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
955.955(PEP+HexNAc(3)Hex(3)_2)
657.239(NeuAc + Hex + HexNAc)
366.141(HexNAc + Hex)
204.088(HexNAc)
150.120
1102.002
m/z

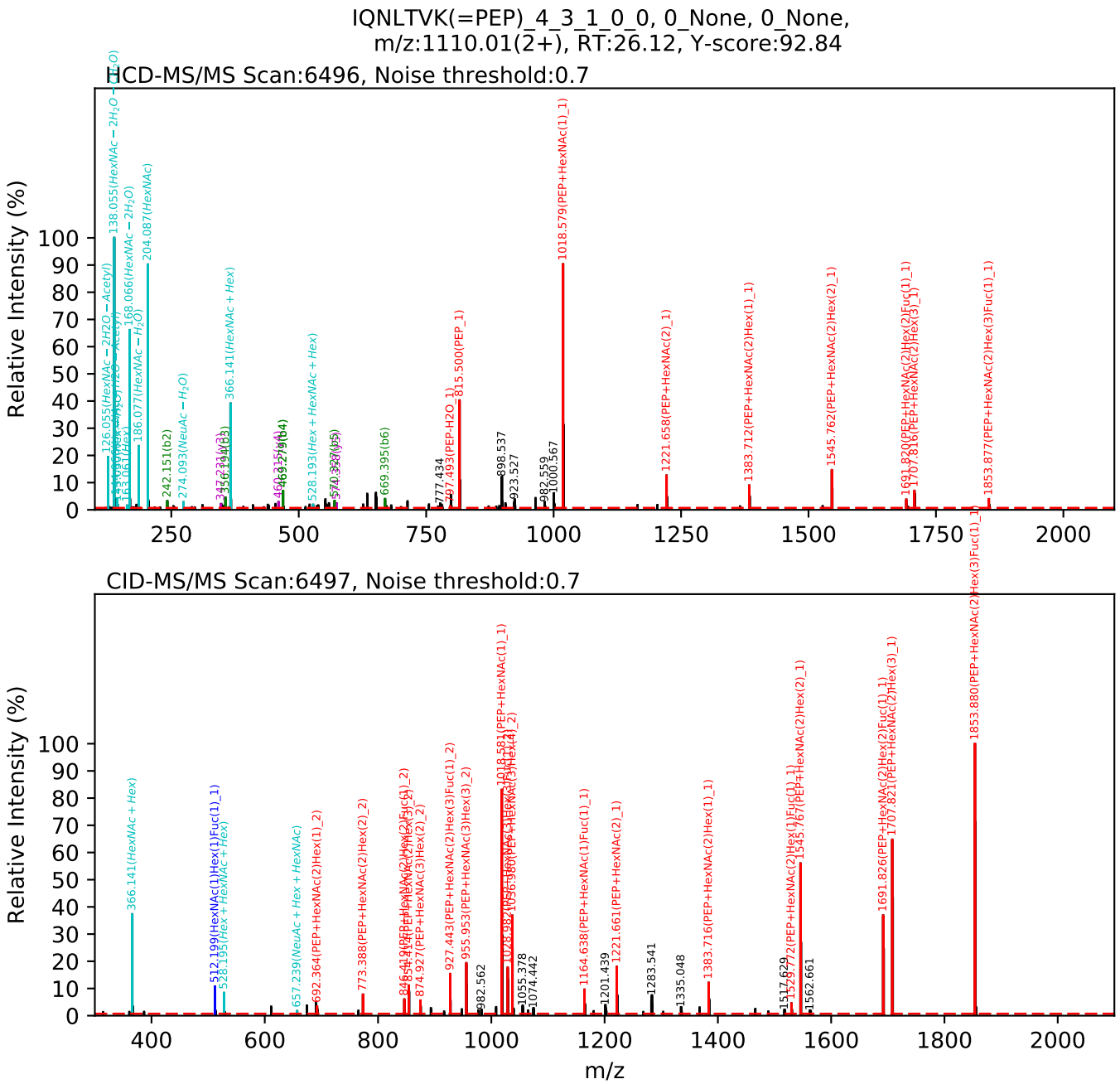

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:1182.53(2+), RT:37.38, Y-score:94.43
HCD-MS/MS Scan:12115, Noise threshold:0.6
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
815.502(PEP_1)
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1910.891(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:12116, Noise threshold:0.6
Relative Intensity (%)
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)
1018.581(PEP+HexNAc(1)_1)
955.953(PEP+HexNAc(3)Hex(3)_2)
1101.502(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1869.878
ETD-MS/MS Scan:12117, Noise threshold:1.5
Relative Intensity (%)
M+2H
1036.979(PEP+HexNAc(3)Hex(4)_2)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1101.496(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
955.950(PEP+HexNAc(3)Hex(3)_2)
m/z

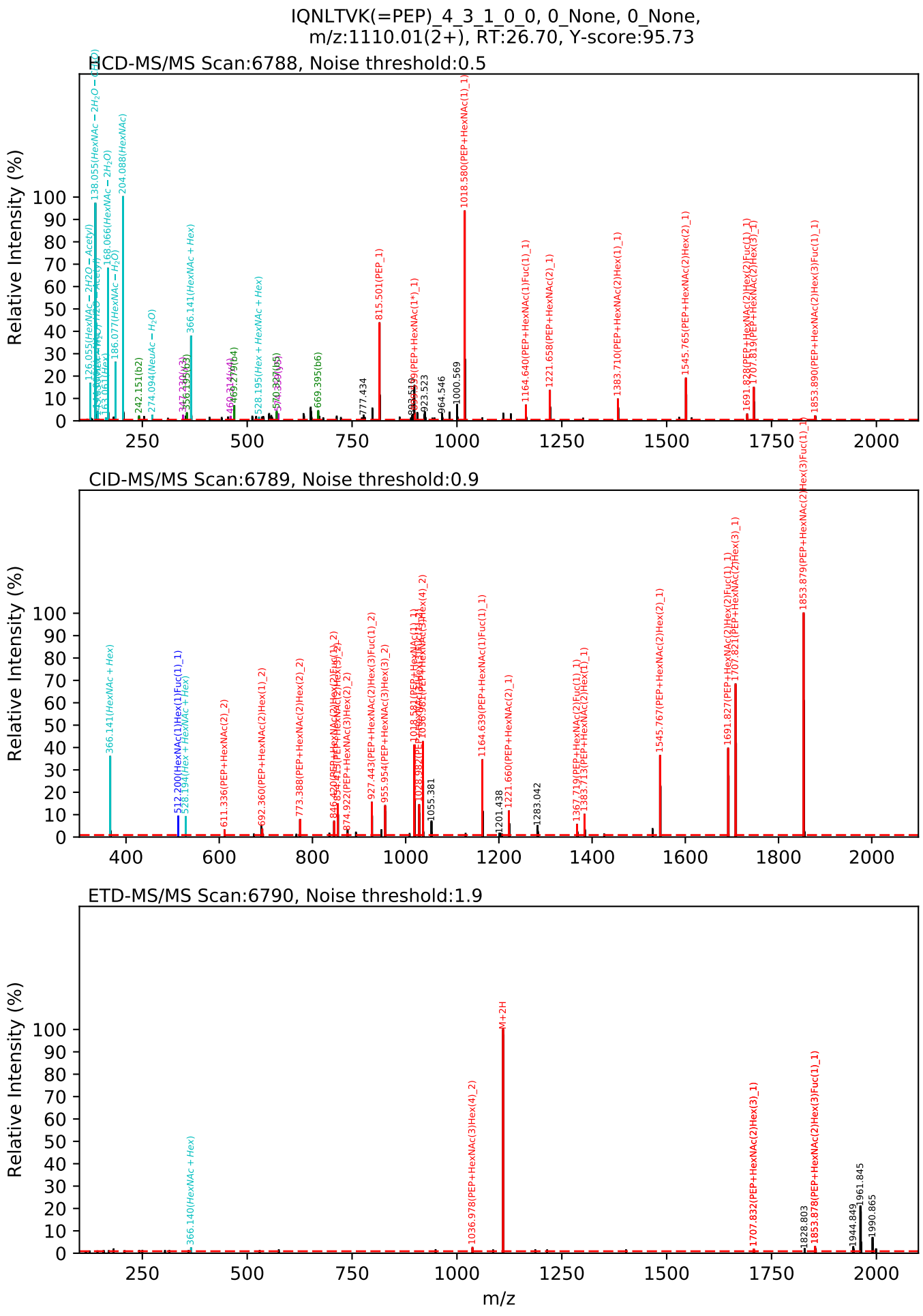

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:788.69(3+), RT:36.68, Y-score:97.49
HCD-MS/MS Scan:11756, Noise threshold:0.6
CID-MS/MS Scan:11757, Noise threshold:0.5
ETD-MS/MS Scan:11758, Noise threshold:1.0
Relative Intensity (%)
m/z

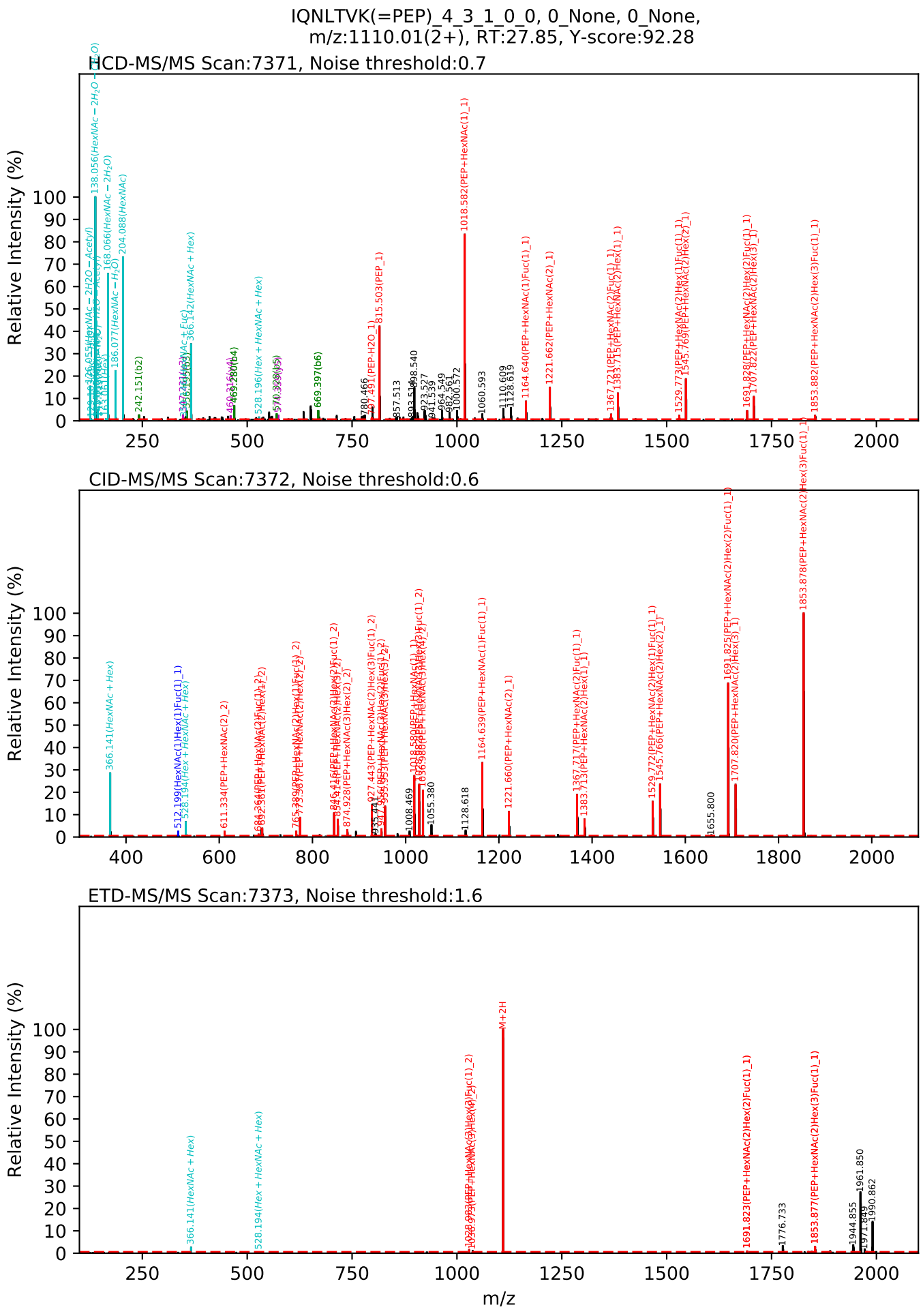

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:788.69(3+), RT:36.71, Y-score:97.63
HCD-MS/MS Scan:11772, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:11773, Noise threshold:0.5
Relative Intensity (%)
ETD-MS/MS Scan:11774, Noise threshold:0.8
Relative Intensity (%)
m/z

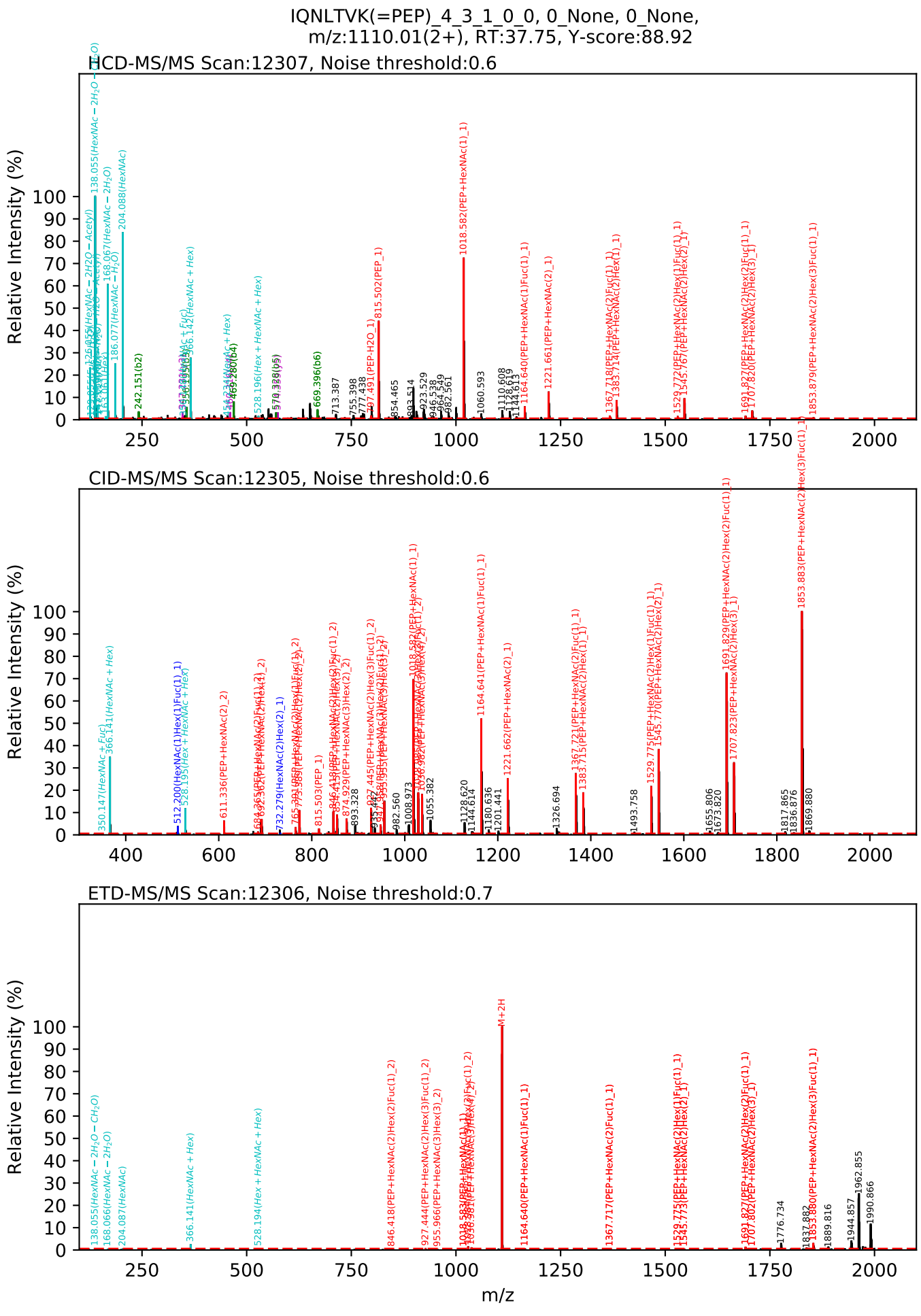

IQNLTVK(=PEP)_4_3_0_1_0, 0_None, 0_None,
m/z:788.69(3+), RT:37.47, Y-score:96.75
HCD-MS/MS Scan:12161, Noise threshold:0.6
CID-MS/MS Scan:12162, Noise threshold:0.5
ETD-MS/MS Scan:12163, Noise threshold:0.9
Relative Intensity (%)
m/z

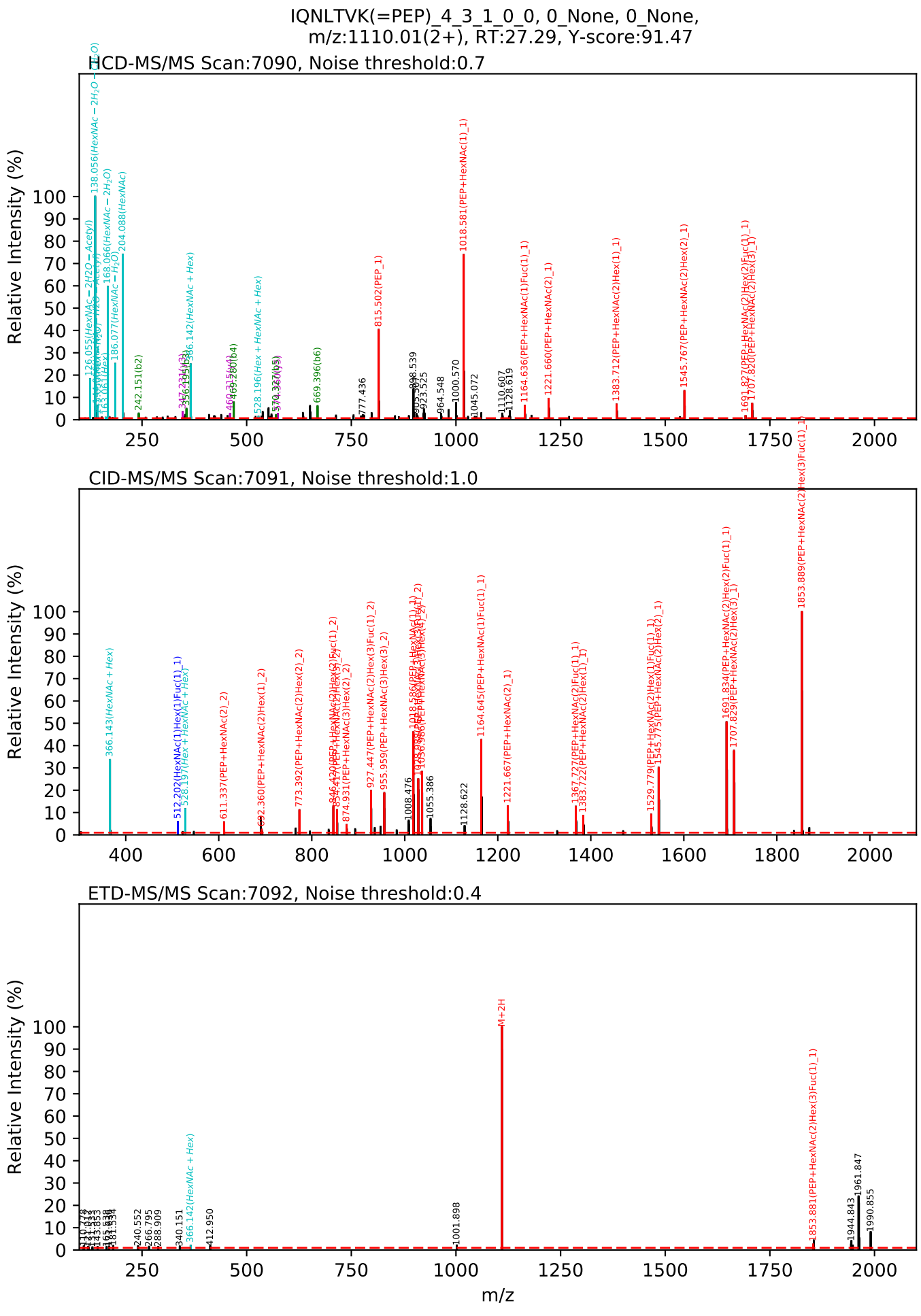

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:36.11, Y-score:91.32
HCD-MS/MS Scan:11473, Noise threshold:0.6
CID-MS/MS Scan:11474, Noise threshold:0.7
ETD-MS/MS Scan:11475, Noise threshold:0.7
Relative Intensity (%)
m/z

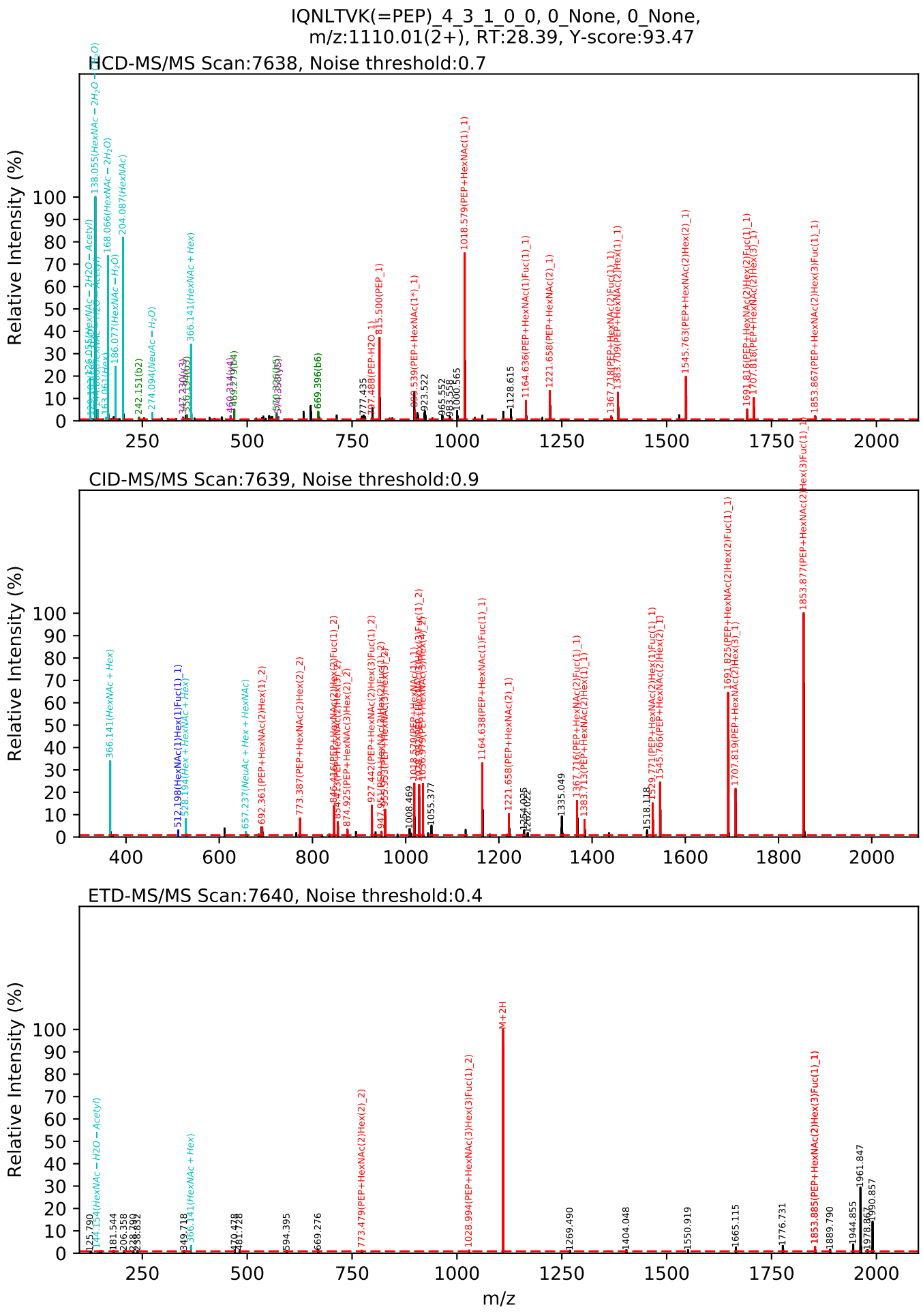

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:26.12, Y-score:92.84
HCD-MS/MS Scan:6496, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:6497, Noise threshold:0.7
Relative Intensity (%)
m/z

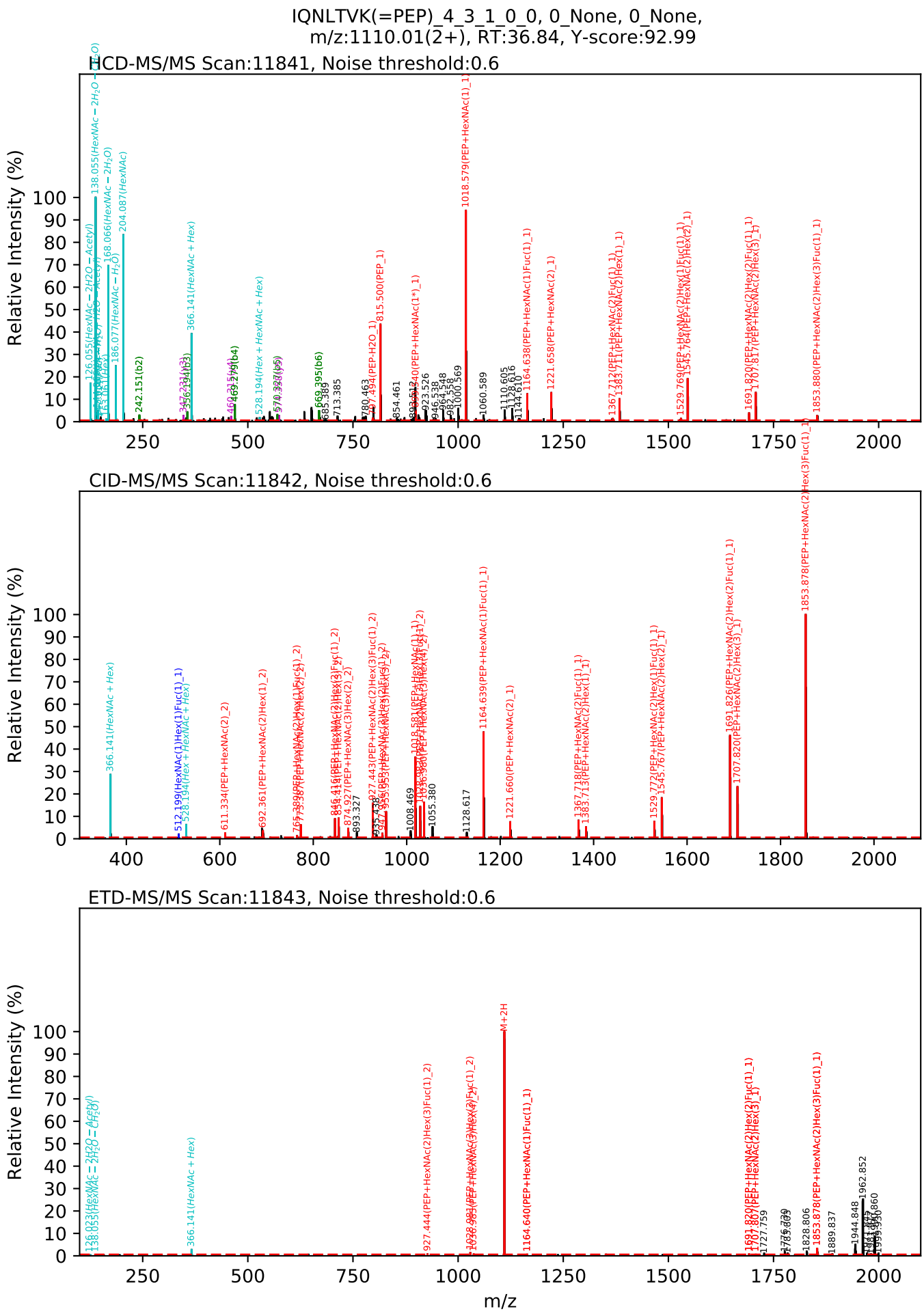

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:26.70, Y-score:95.73
HCD-MS/MS Scan:6788, Noise threshold:0.5
CID-MS/MS Scan:6789, Noise threshold:0.9
ETD-MS/MS Scan:6790, Noise threshold:1.9
Relative Intensity (%)
m/z

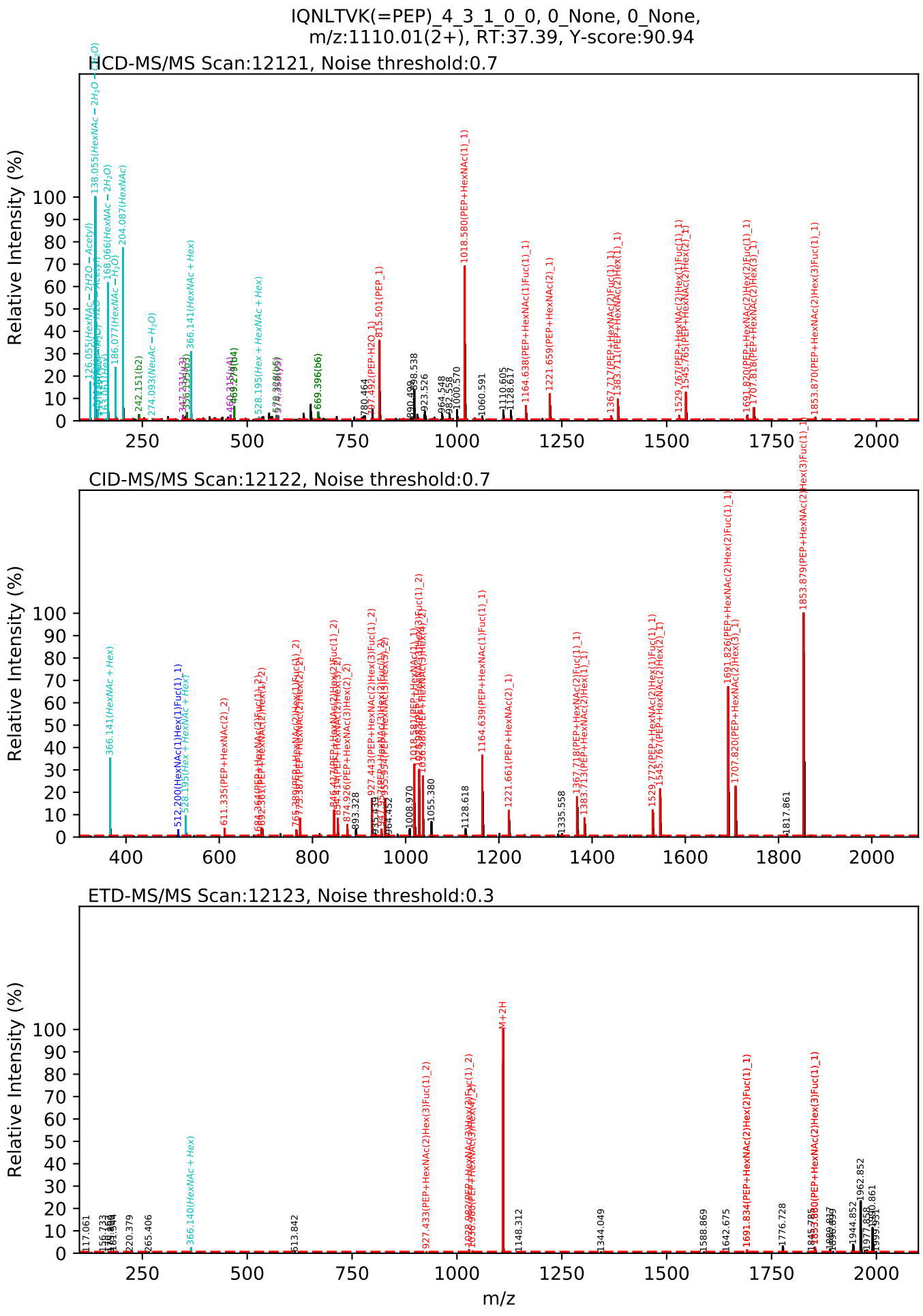

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:27.85, Y-score:92.28
HCD-MS/MS Scan:7371, Noise threshold:0.7
CID-MS/MS Scan:7372, Noise threshold:0.6
ETD-MS/MS Scan:7373, Noise threshold:1.6
Relative Intensity (%)
m/z

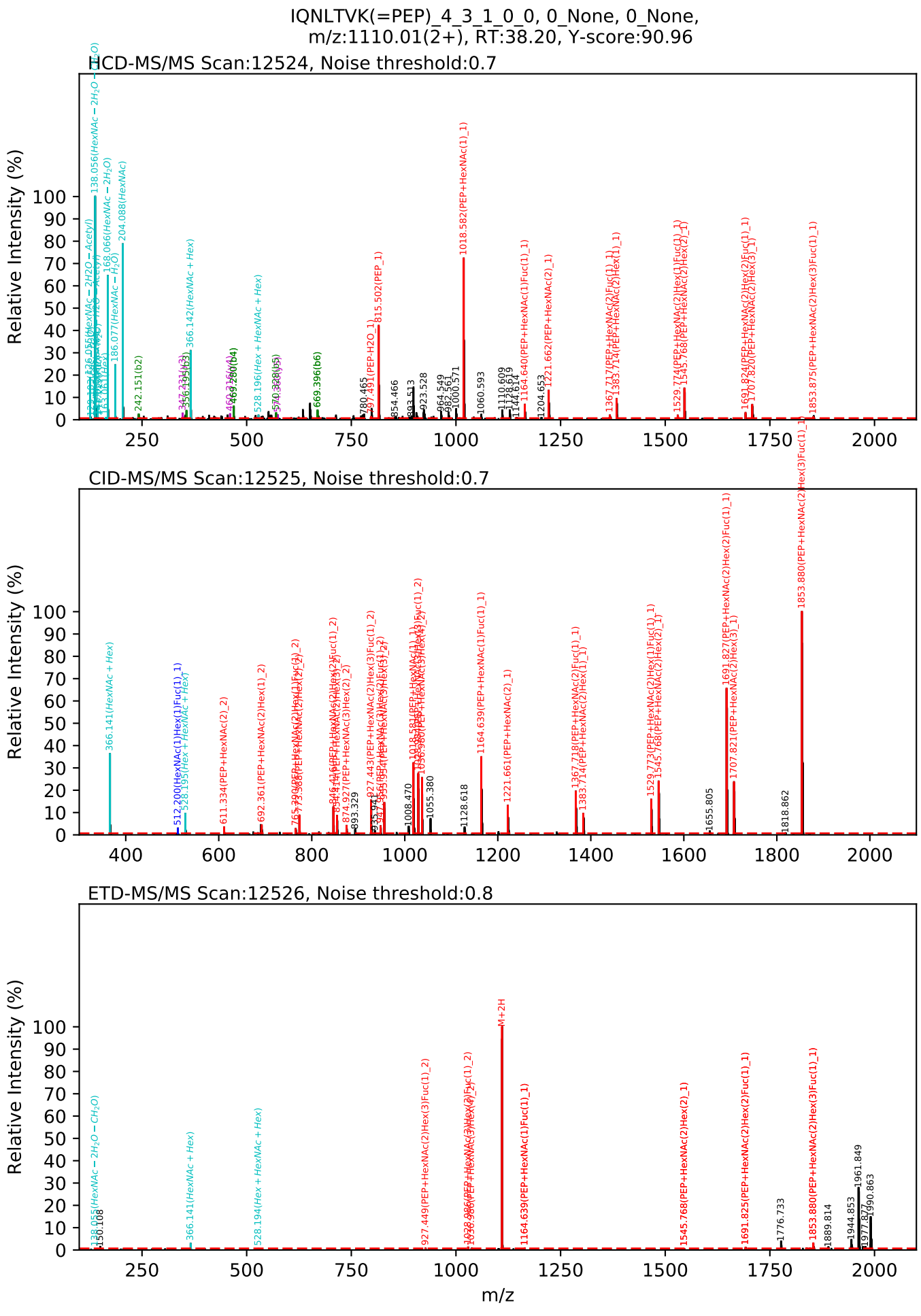

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:37.75, Y-score:88.92
HCD-MS/MS Scan:12307, Noise threshold:0.6
CID-MS/MS Scan:12305, Noise threshold:0.6
ETD-MS/MS Scan:12306, Noise threshold:0.7
Relative Intensity (%)
m/z

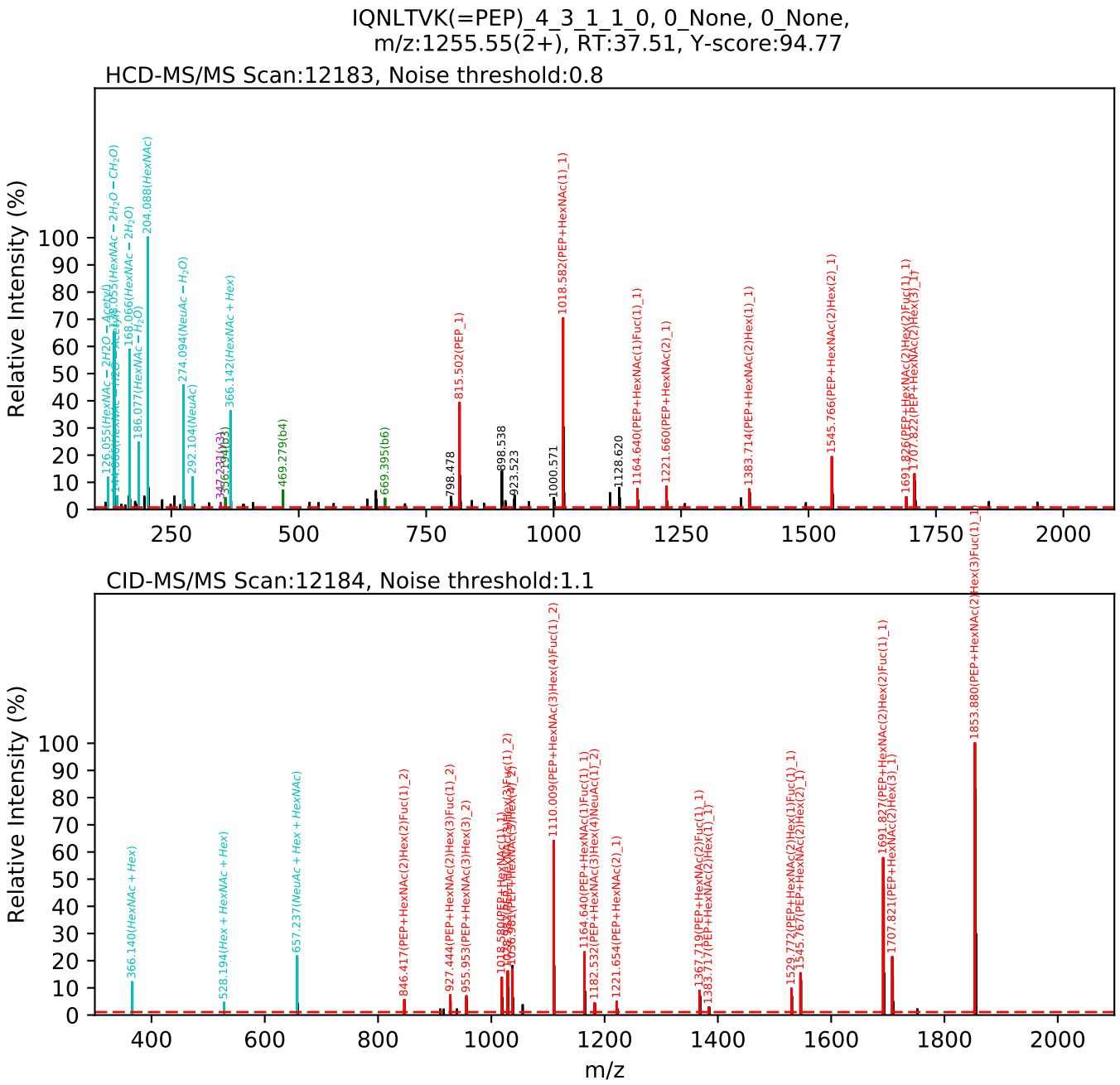

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:27.29, Y-score:91.47
HCD-MS/MS Scan:7090, Noise threshold:0.7
CID-MS/MS Scan:7091, Noise threshold:1.0
ETD-MS/MS Scan:7092, Noise threshold:0.4
Relative Intensity (%)
m/z

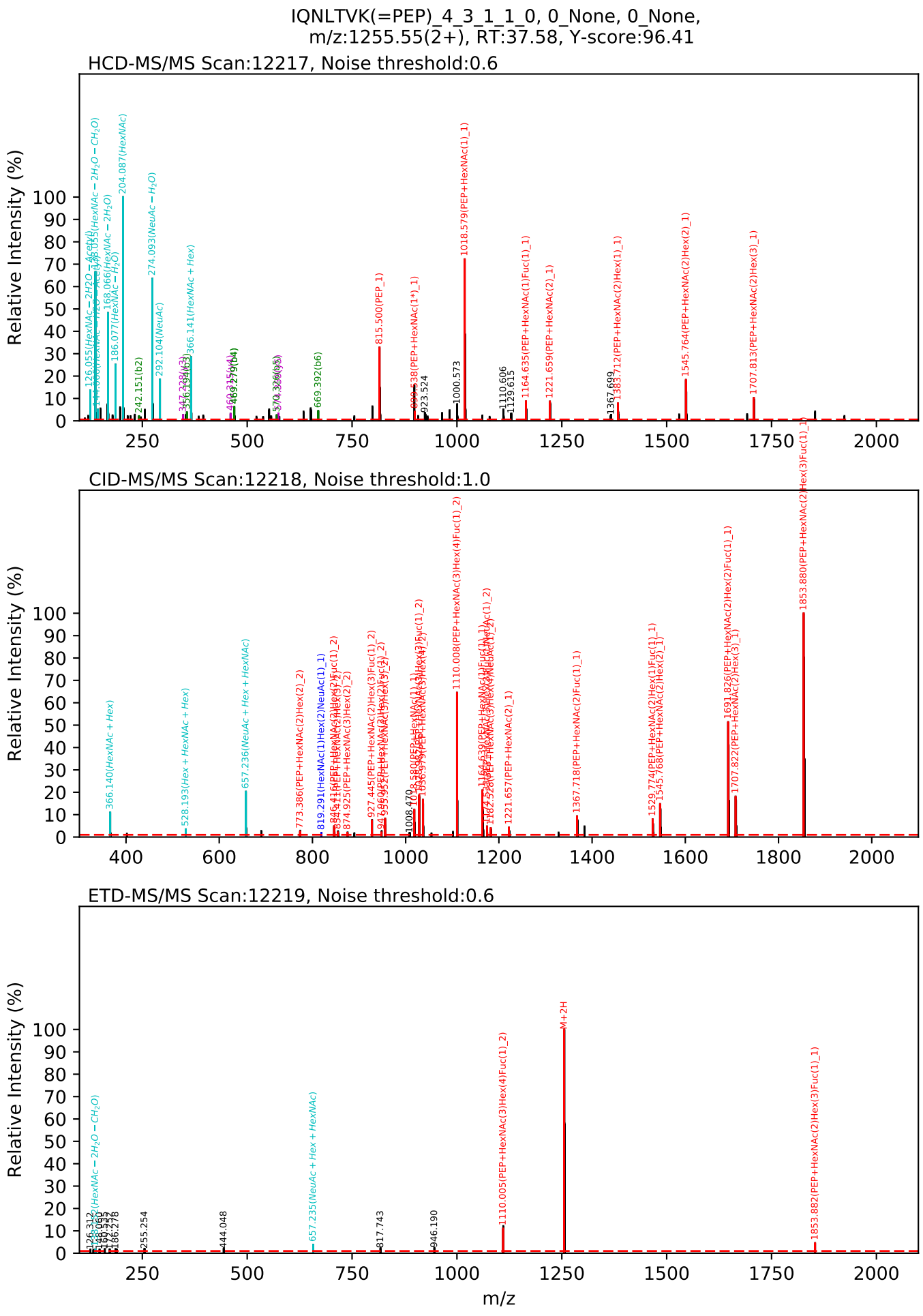

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:28.39, Y-score:93.47
HCD-MS/MS Scan:7638, Noise threshold:0.7
CID-MS/MS Scan:7639, Noise threshold:0.9
ETD-MS/MS Scan:7640, Noise threshold:0.4
Relative Intensity (%)
m/z

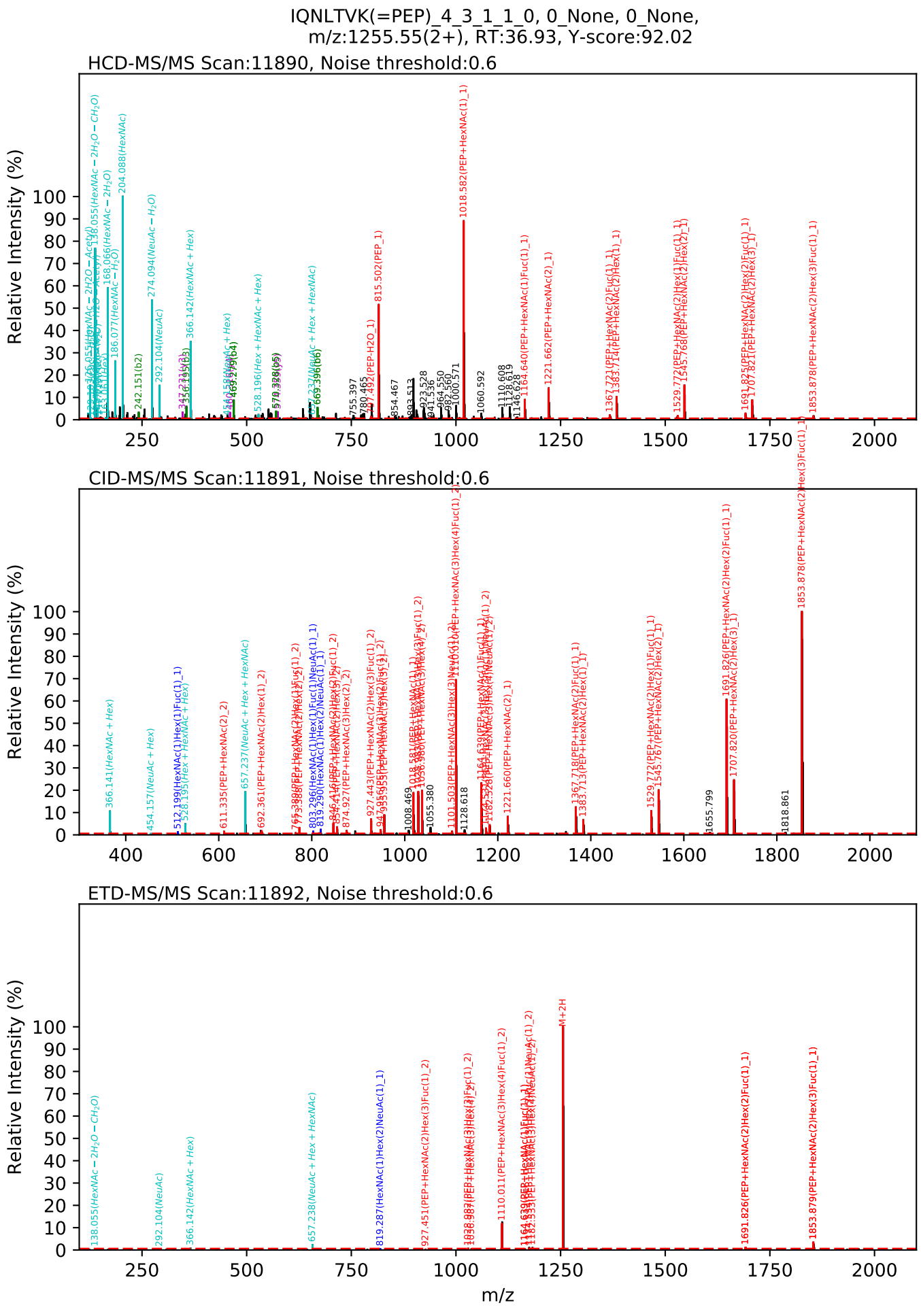

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:36.84, Y-score:92.99
HCD-MS/MS Scan:11841, Noise threshold:0.6
CID-MS/MS Scan:11842, Noise threshold:0.6
ETD-MS/MS Scan:11843, Noise threshold:0.6
Relative Intensity (%)
m/z

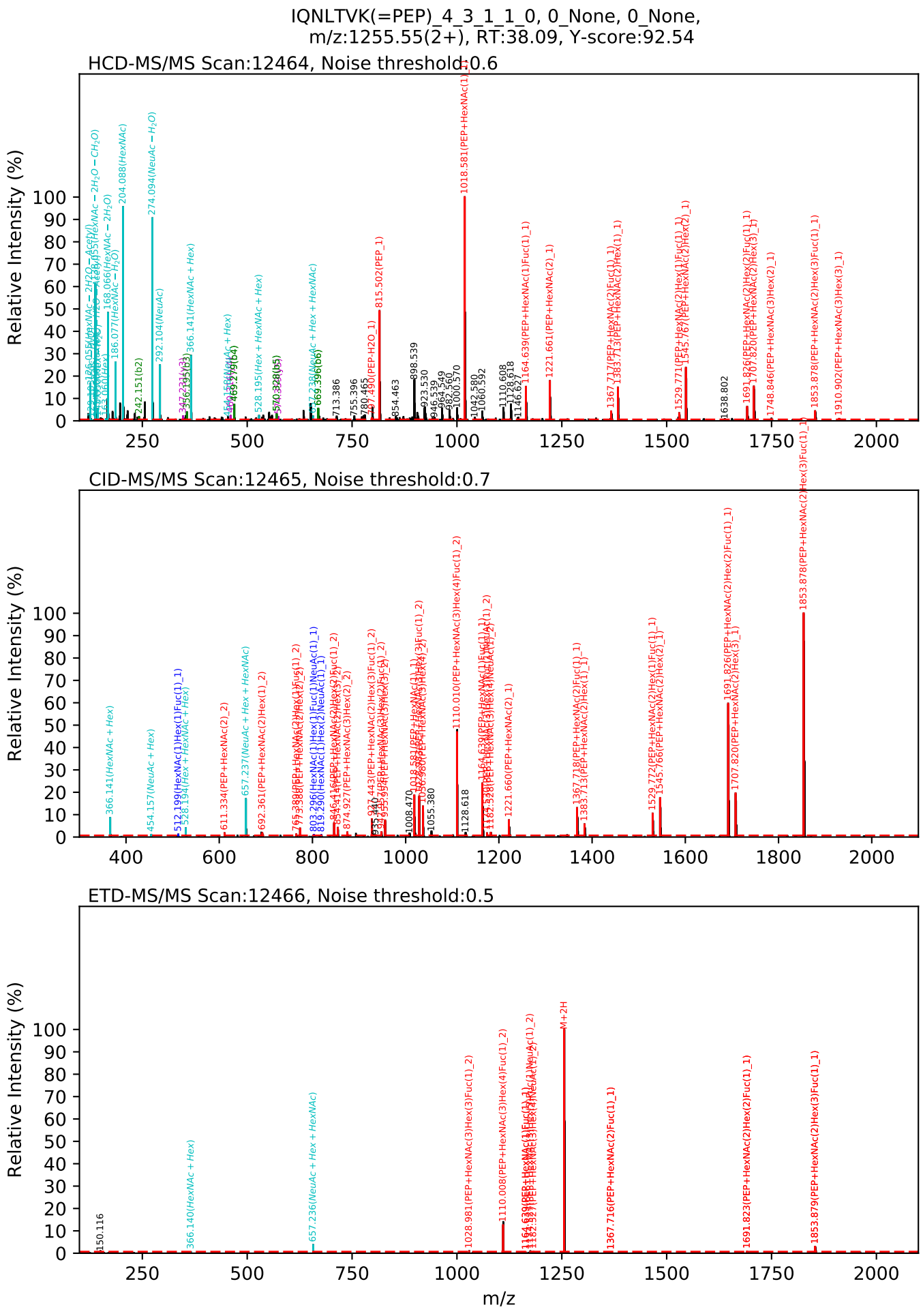

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:37.39, Y-score:90.94
HCD-MS/MS Scan:12121, Noise threshold:0.7
CID-MS/MS Scan:12122, Noise threshold:0.7
ETD-MS/MS Scan:12123, Noise threshold:0.3
Relative Intensity (%)
m/z

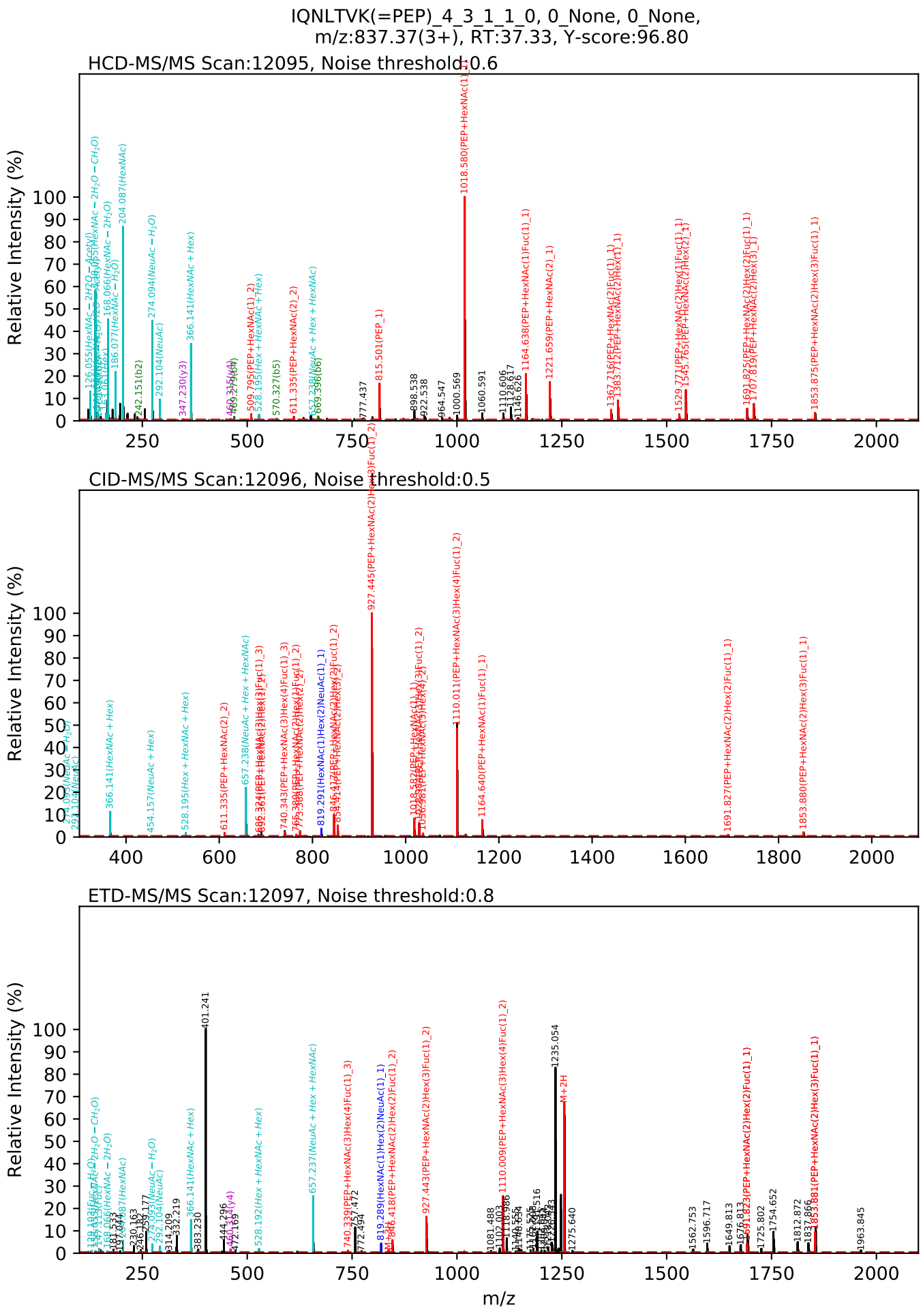

IQNLTVK(=PEP)_4_3_1_0_0, 0_None, 0_None,
m/z:1110.01(2+), RT:38.20, Y-score:90.96
HCD-MS/MS Scan:12524, Noise threshold:0.7
CID-MS/MS Scan:12525, Noise threshold:0.7
ETD-MS/MS Scan:12526, Noise threshold:0.8
Relative Intensity (%)
m/z

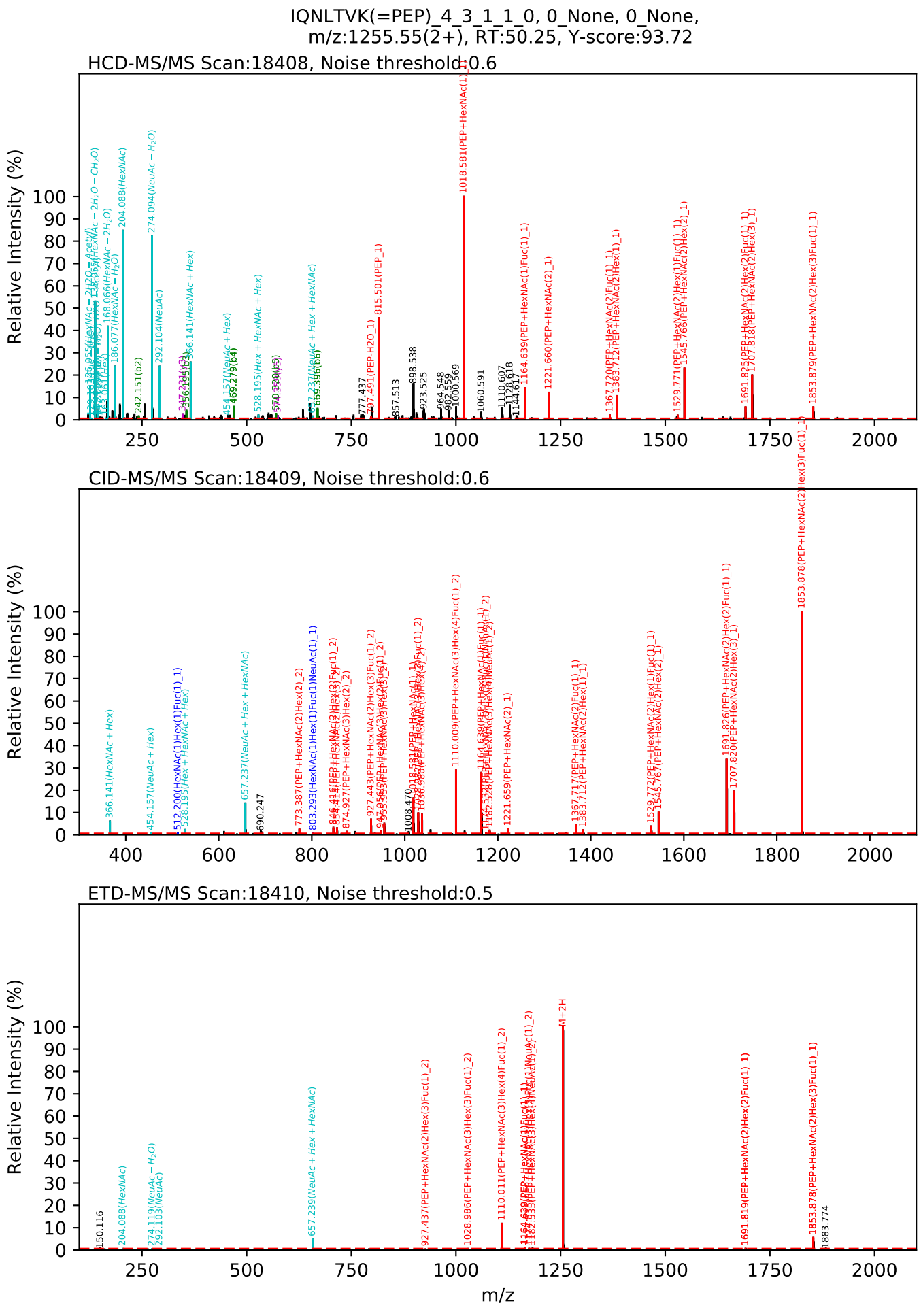

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:37.51, Y-score:94.77
HCD-MS/MS Scan:12183, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:12184, Noise threshold:1.1
Relative Intensity (%)
m/z

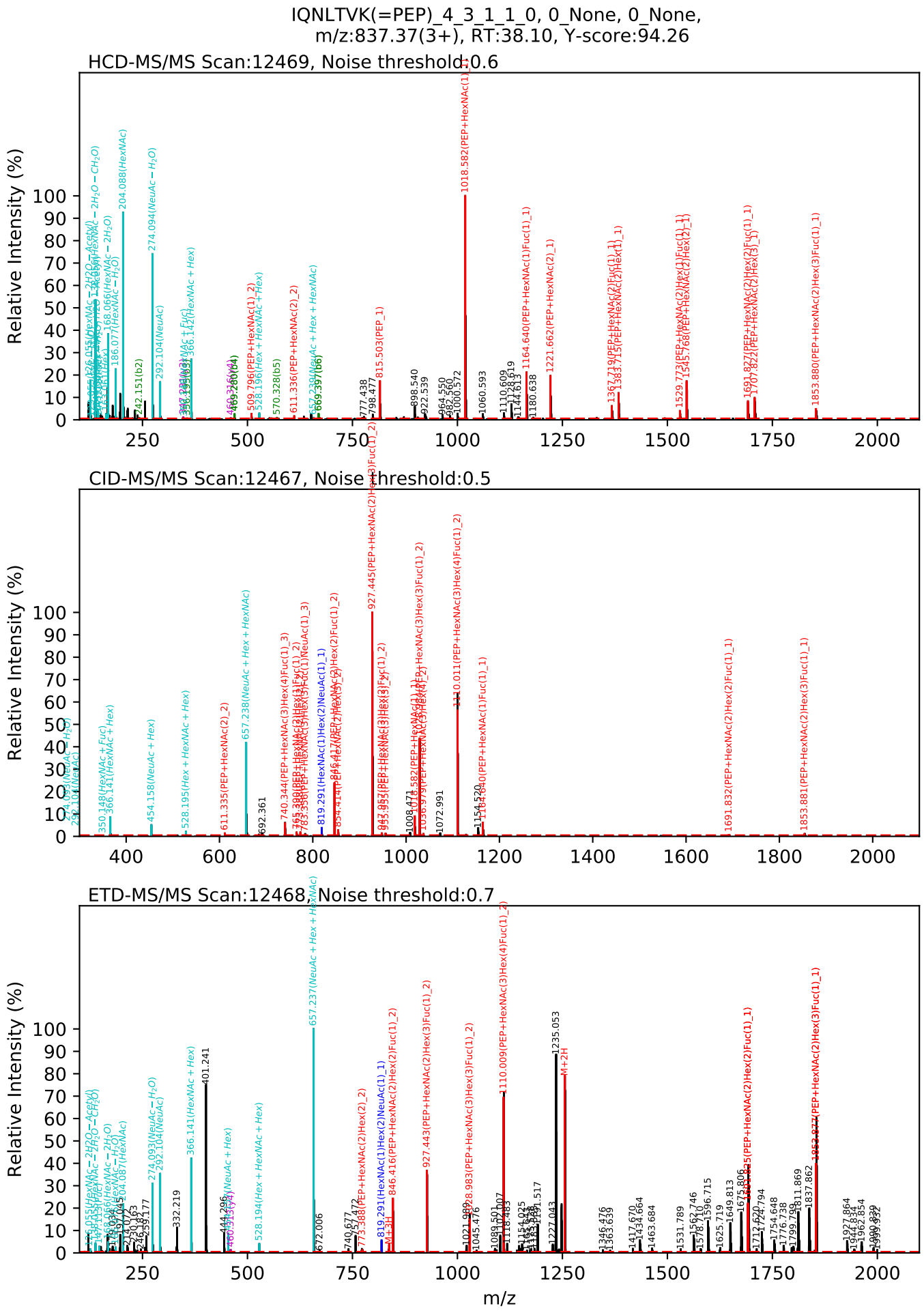

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:37.58, Y-score:96.41
HCD-MS/MS Scan:12217, Noise threshold:0.6
CID-MS/MS Scan:12218, Noise threshold:1.0
ETD-MS/MS Scan:12219, Noise threshold:0.6
Relative Intensity (%)
m/z
M+2H

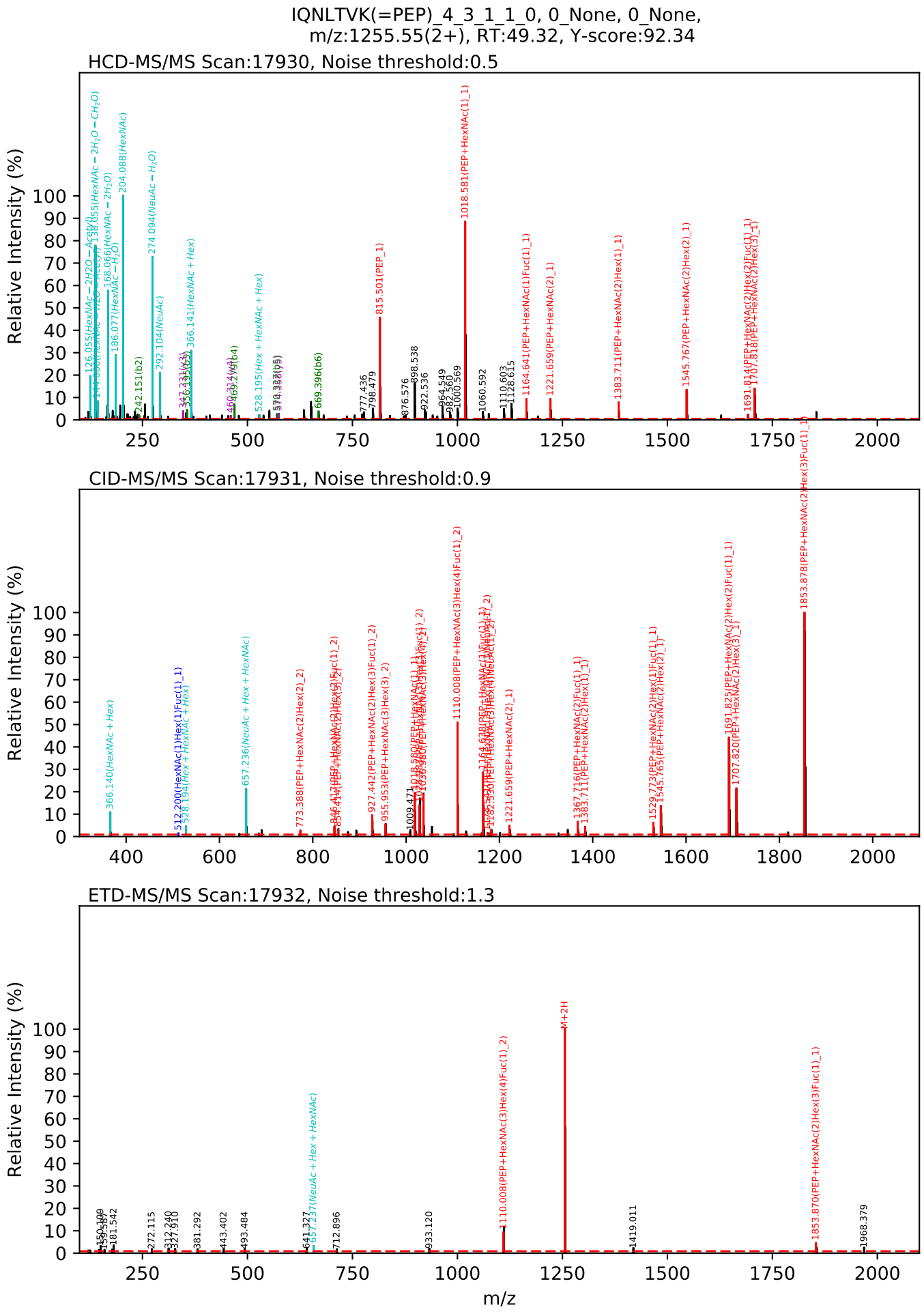

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:36.93, Y-score:92.02
HCD-MS/MS Scan:11890, Noise threshold:0.6
CID-MS/MS Scan:11891, Noise threshold:0.6
ETD-MS/MS Scan:11892, Noise threshold:0.6
Relative Intensity (%)
m/z

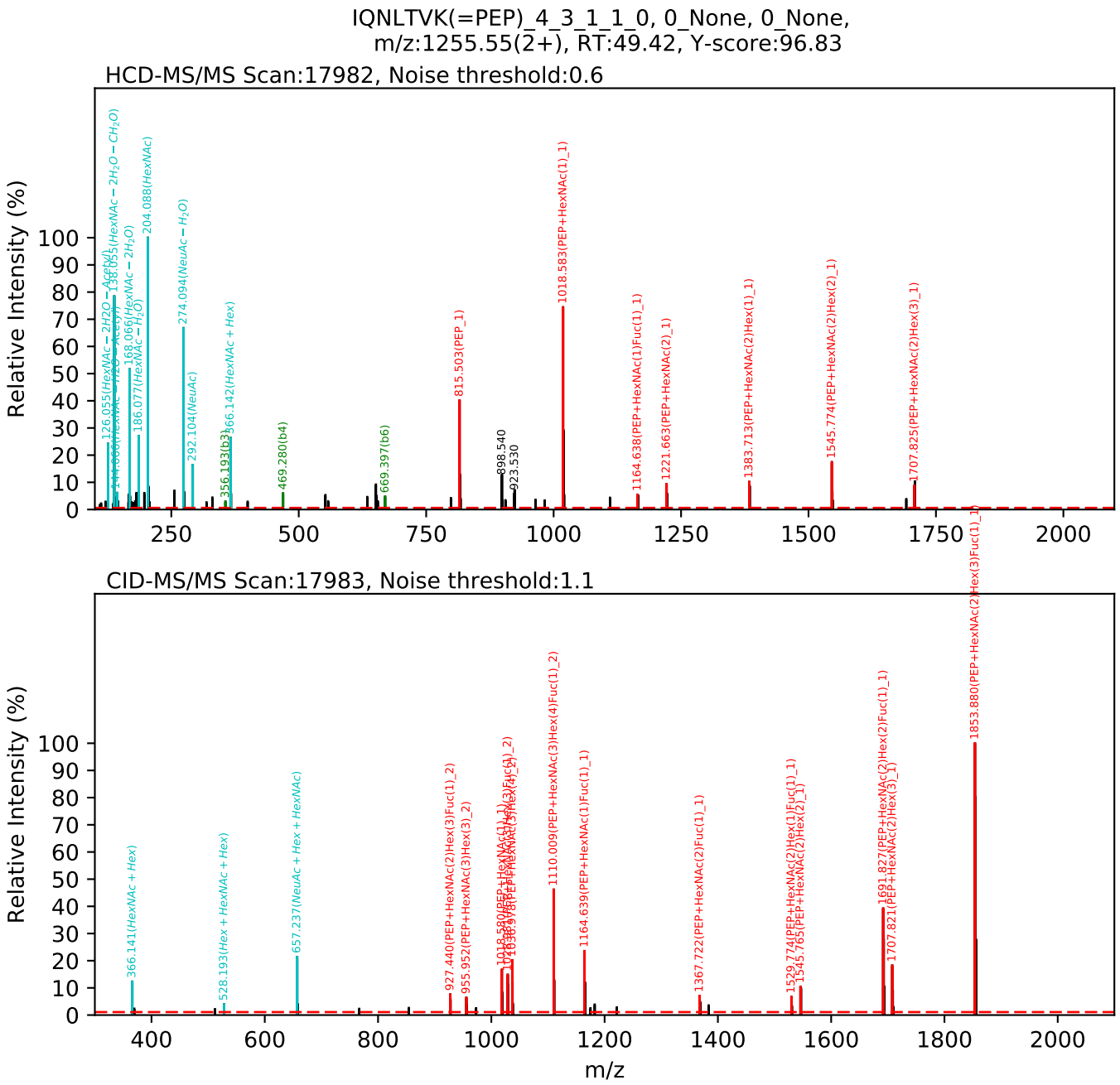

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:38.09, Y-score:92.54
HCD-MS/MS Scan:12464, Noise threshold:0.6
CID-MS/MS Scan:12465, Noise threshold:0.7
ETD-MS/MS Scan:12466, Noise threshold:0.5
Relative Intensity (%)
m/z

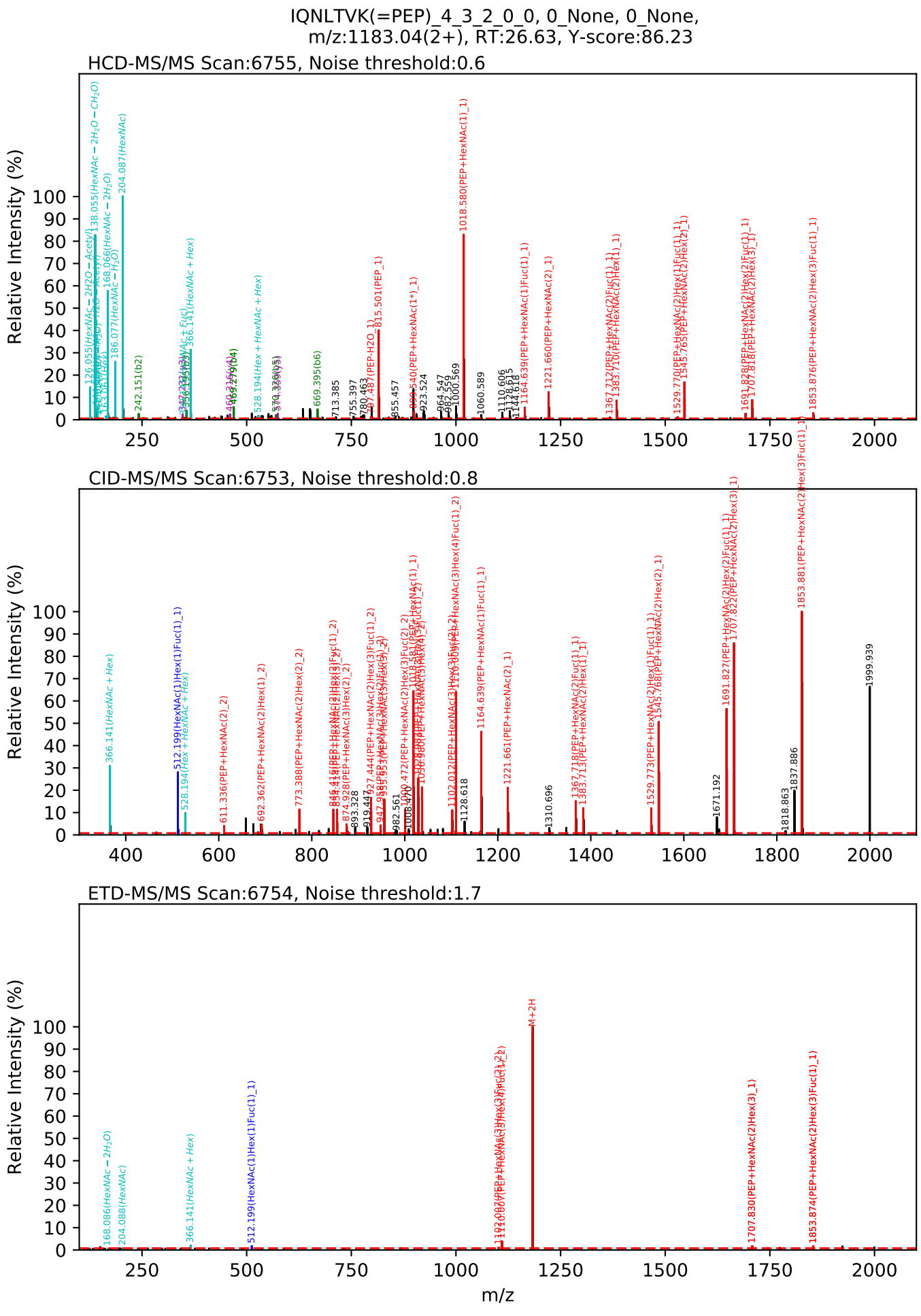

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:837.37(3+), RT:37.33, Y-score:96.80
HCD-MS/MS Scan:12095, Noise threshold:0.6
CID-MS/MS Scan:12096, Noise threshold:0.5
ETD-MS/MS Scan:12097, Noise threshold:0.8
Relative Intensity (%)
m/z

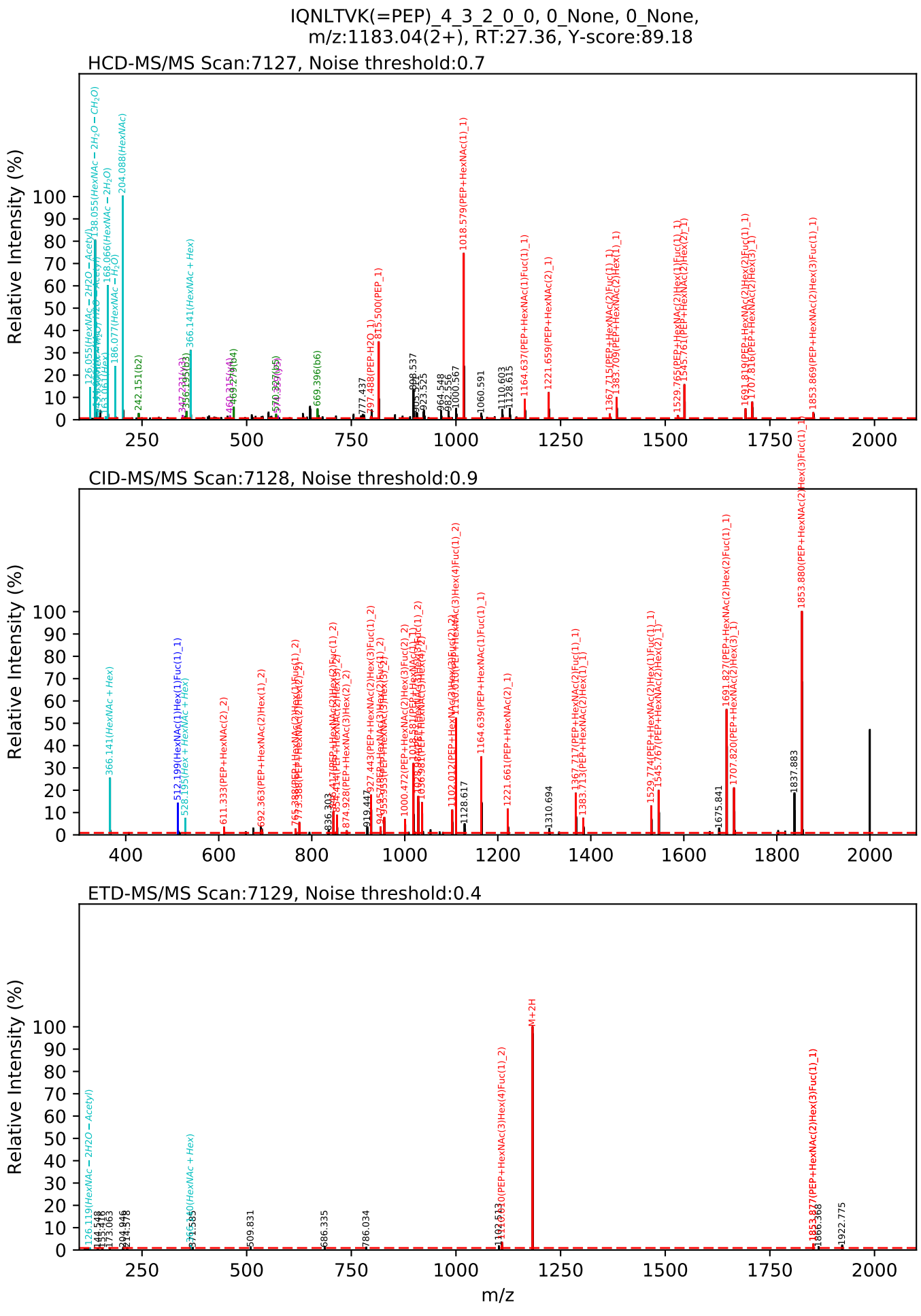

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:50.25, Y-score:93.72
HCD-MS/MS Scan:18408, Noise threshold:0.6
CID-MS/MS Scan:18409, Noise threshold:0.6
ETD-MS/MS Scan:18410, Noise threshold:0.5
Relative Intensity (%)
m/z

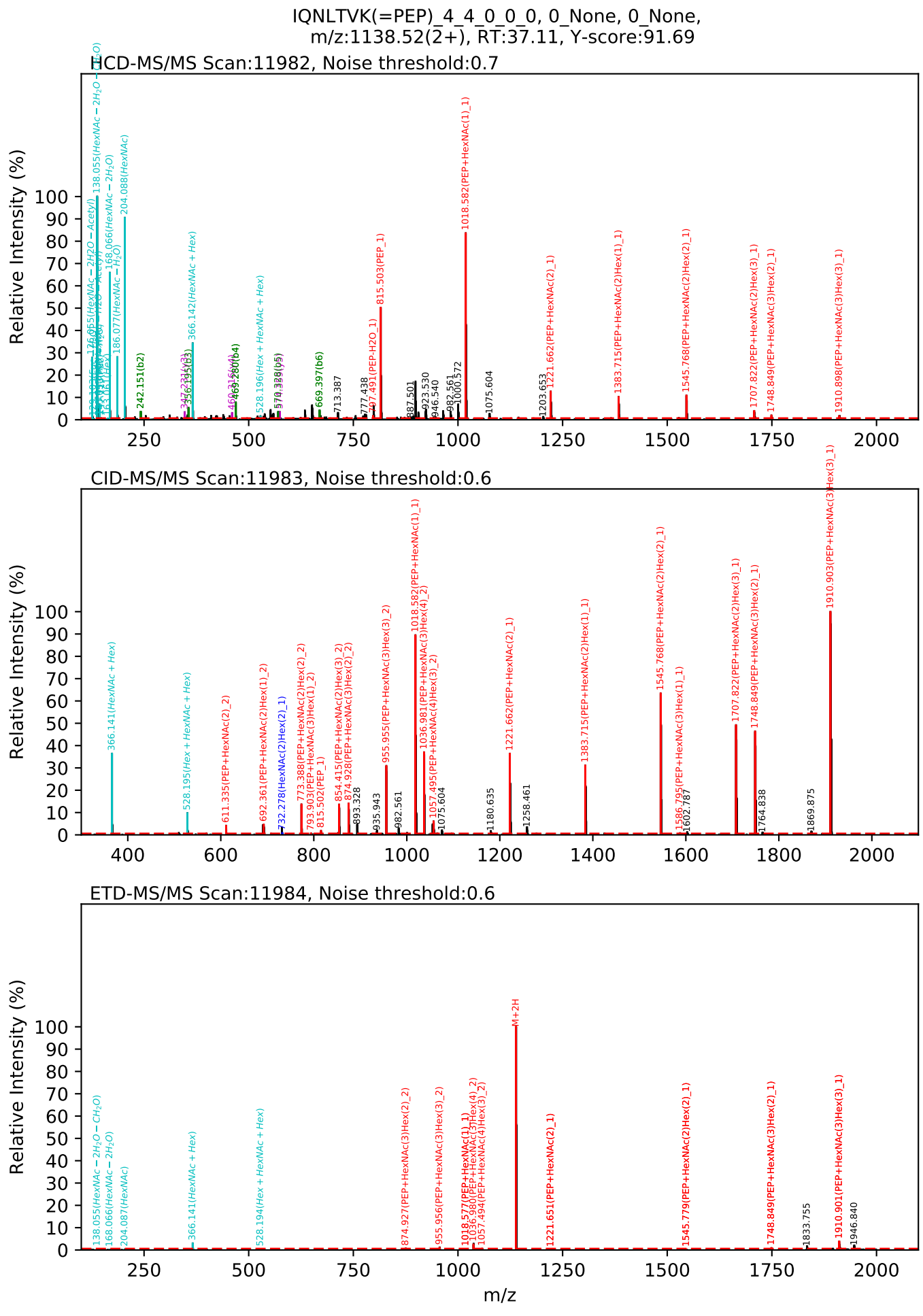

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:837.37(3+), RT:38.10, Y-score:94.26
HCD-MS/MS Scan:12469, Noise threshold:0.6
CID-MS/MS Scan:12467, Noise threshold:0.5
ETD-MS/MS Scan:12468, Noise threshold:0.7
Relative Intensity (%)
m/z

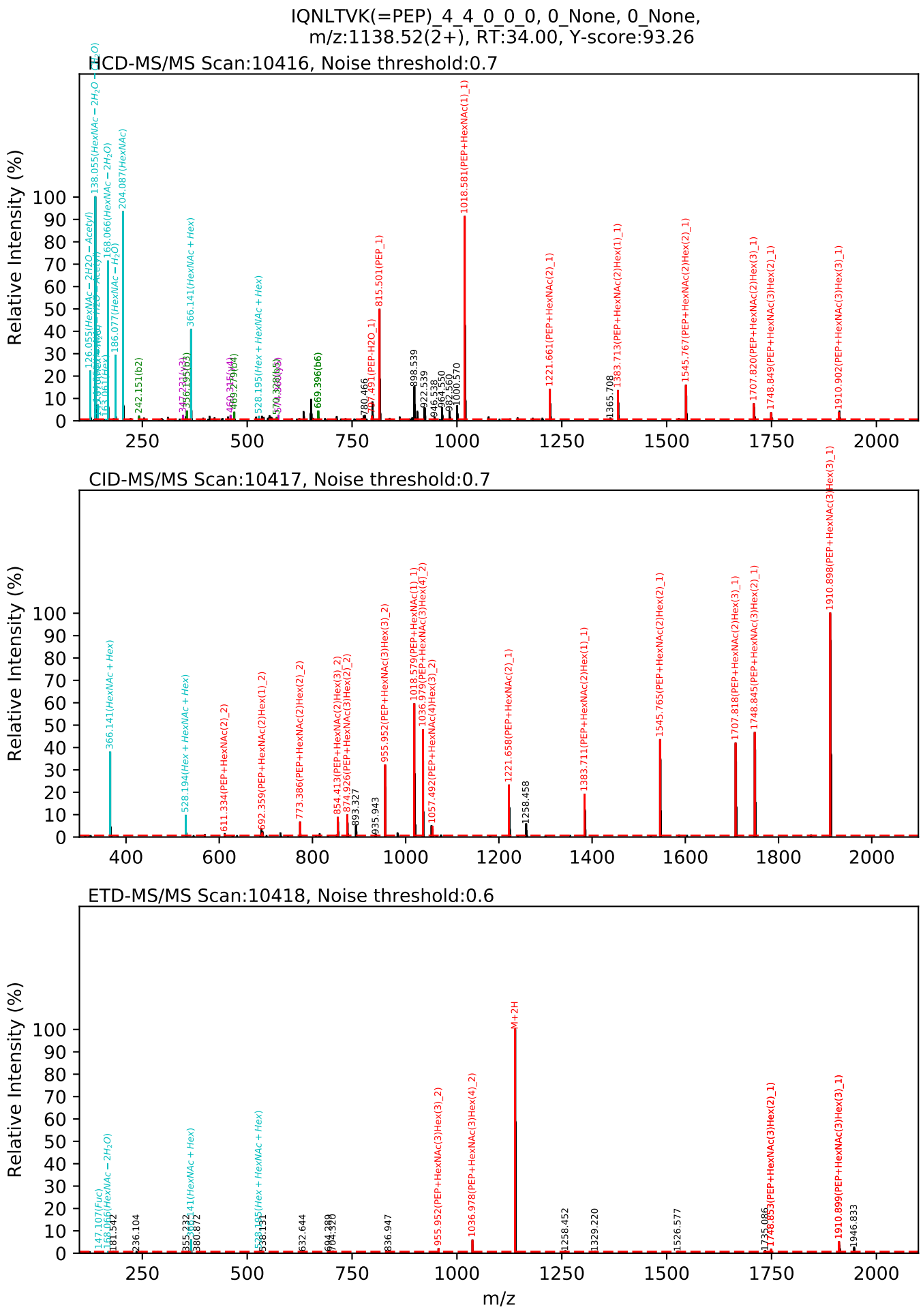

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:49.32, Y-score:92.34
HCD-MS/MS Scan:17930, Noise threshold:0.5
CID-MS/MS Scan:17931, Noise threshold:0.9
ETD-MS/MS Scan:17932, Noise threshold:1.3
Relative Intensity (%)
m/z
M+2H

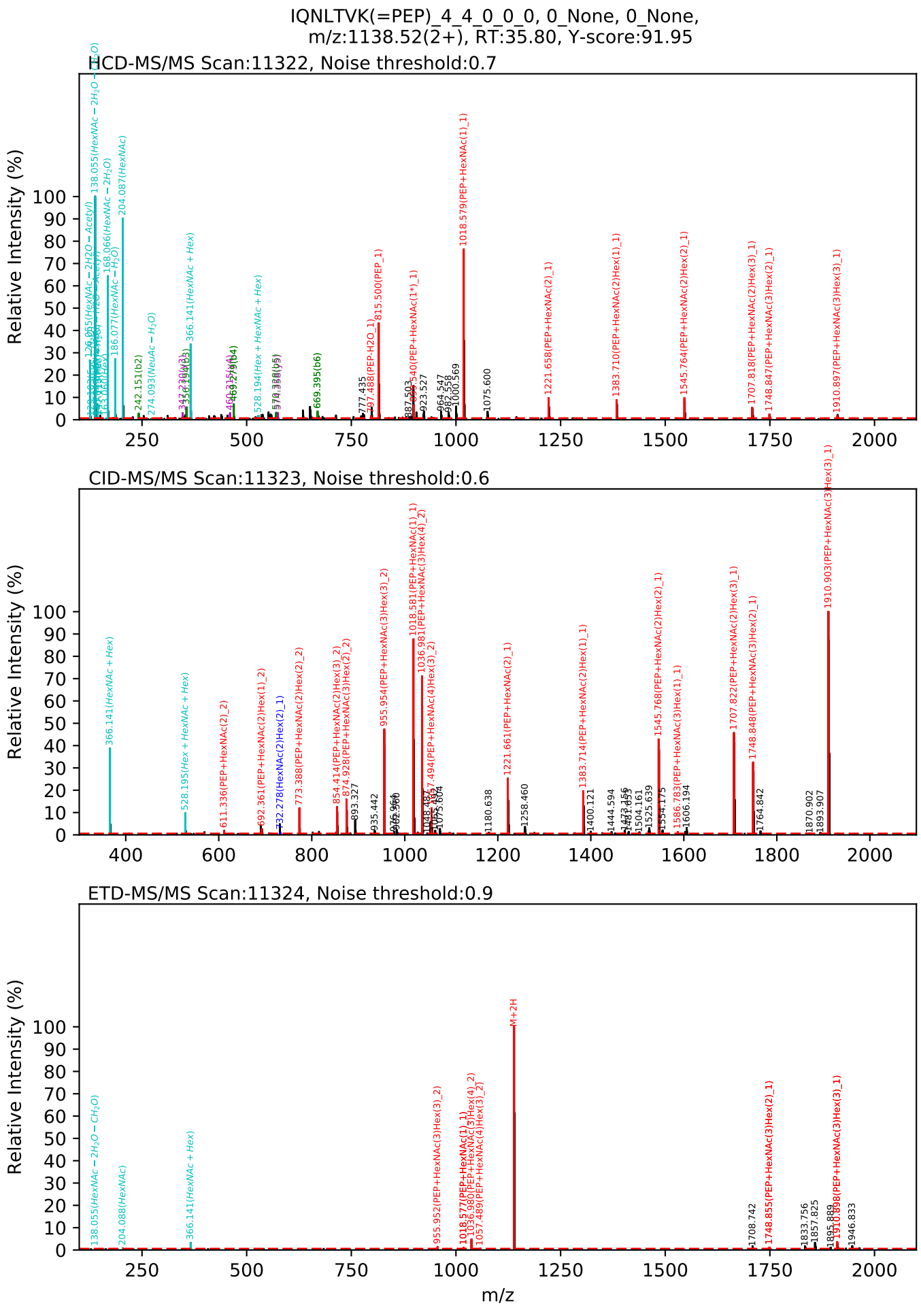

IQNLTVK(=PEP)_4_3_1_1_0, 0_None, 0_None,
m/z:1255.55(2+), RT:49.42, Y-score:96.83
HCD-MS/MS Scan:17982, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − 18.01)
144.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
356.193(b3)
366.142(HexNAc + Hex)
469.280(b4)
669.397(b6)
815.503(PEP_1)
898.540
923.530
1018.583(PEP+HexNAc(1)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1221.663(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.774(PEP+HexNAc(2)Hex(2)_1)
1707.825(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:17983, Noise threshold:1.1
Relative Intensity (%)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
927.440(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
955.952(PEP+HexNAc(3)Hex(3)_2)
1110.009(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1367.722(PEP+HexNAc(2)Fuc(1)_1)
1529.774(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1691.827(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1853.880(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
m/z

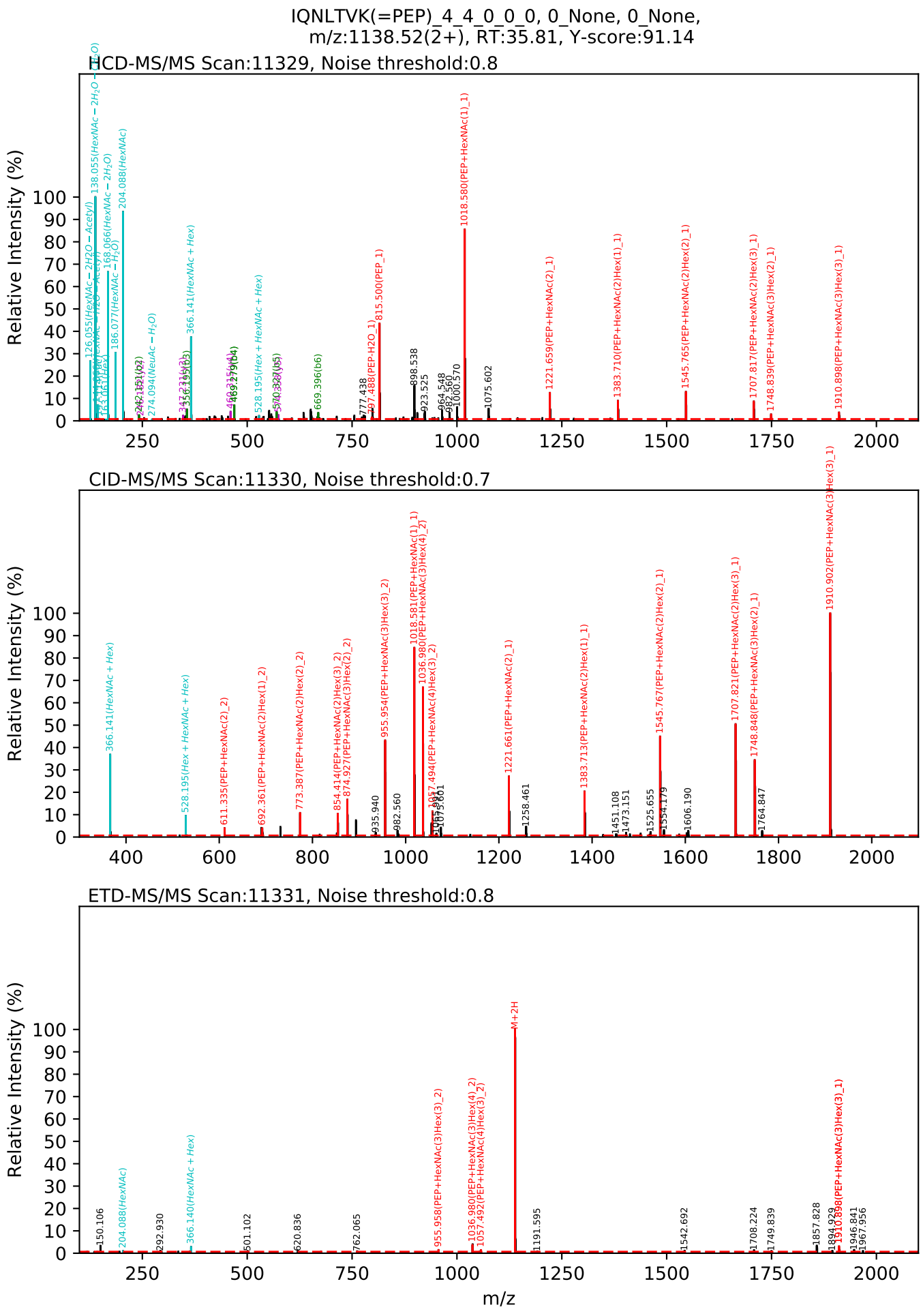

IQNLTVK(=PEP)_4_3_2_0_0, 0_None, 0_None,
m/z:1183.04(2+), RT:26.63, Y-score:86.23
HCD-MS/MS Scan:6755, Noise threshold:0.6
CID-MS/MS Scan:6753, Noise threshold:0.8
ETD-MS/MS Scan:6754, Noise threshold:1.7
Relative Intensity (%)
m/z

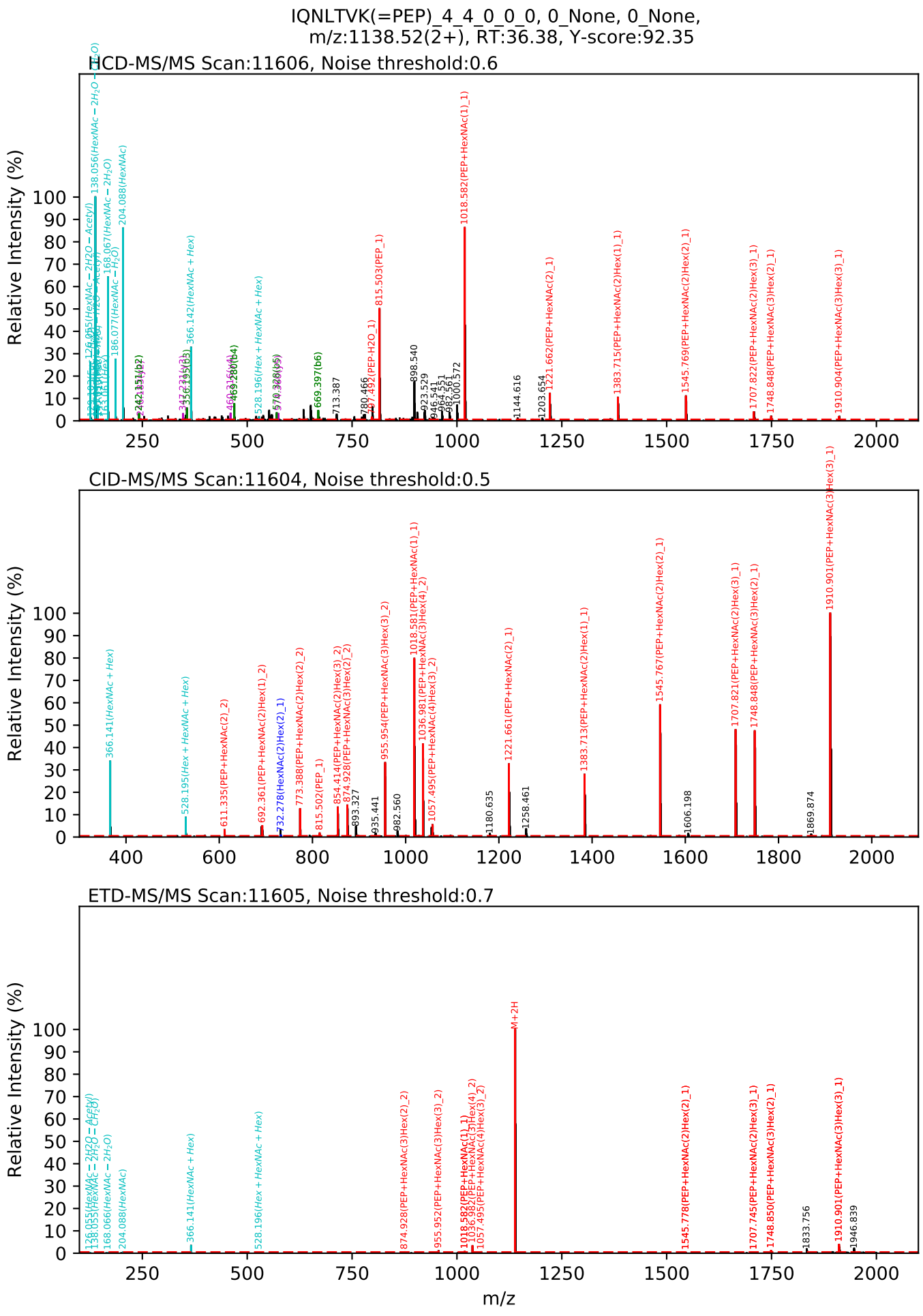

IQNLTVK(=PEP)_4_3_2_0_0, 0_None, 0_None,
m/z:1183.04(2+), RT:27.36, Y-score:89.18
HCD-MS/MS Scan:7127, Noise threshold:0.7
CID-MS/MS Scan:7128, Noise threshold:0.9
ETD-MS/MS Scan:7129, Noise threshold:0.4
Relative Intensity (%)
m/z
M+2H

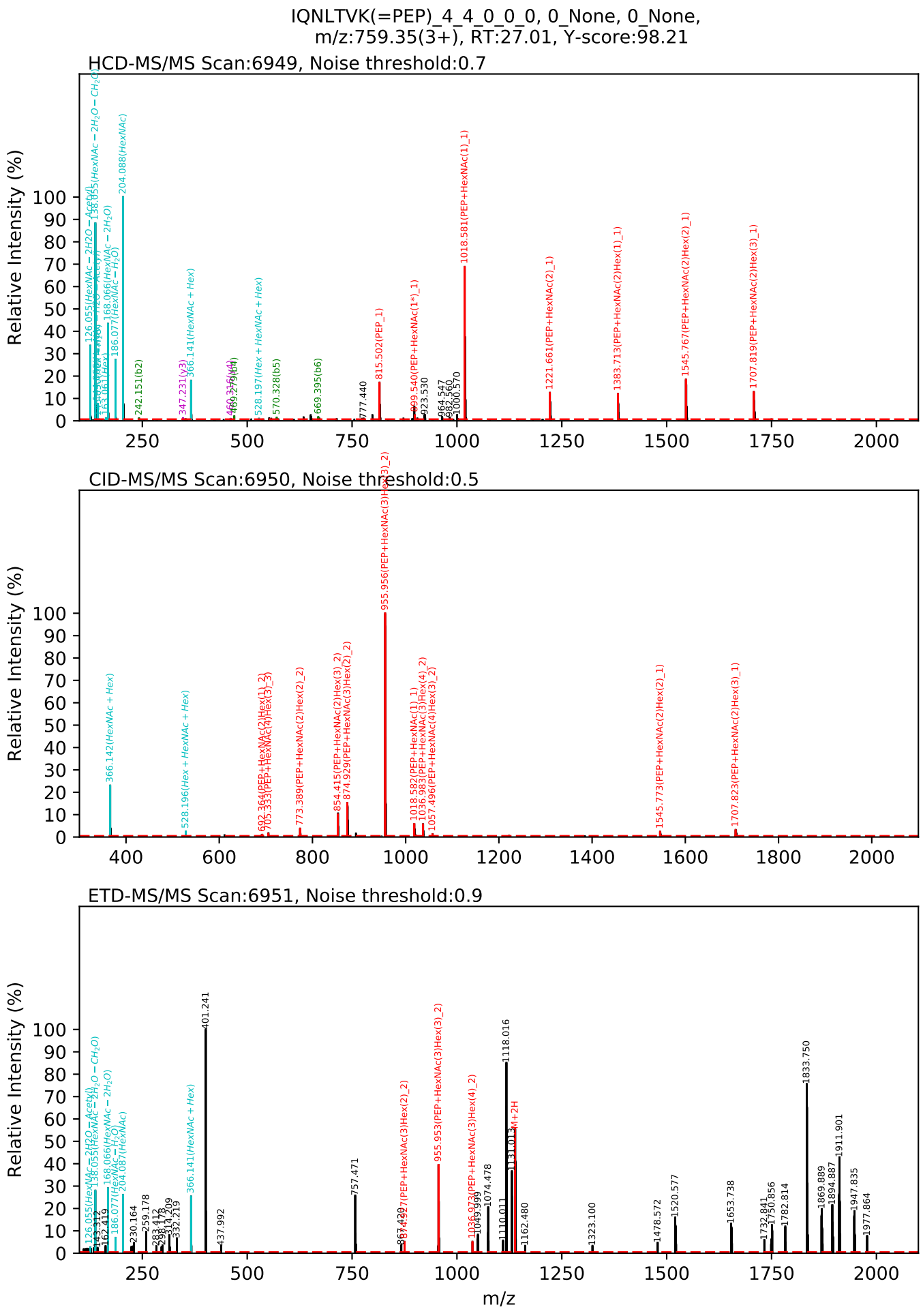

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:37.11, Y-score:91.69
HCD-MS/MS Scan:11982, Noise threshold:0.7
Relative Intensity (%)
242.151(b2)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
669.397(b6)
815.503(PEP_1)
1018.582(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1910.898(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:11983, Noise threshold:0.6
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)
732.278(HexNAc(2)Hex(2)_1)
773.388(PEP+HexNAc(2)Hex(2)_2)
793.903(PEP+HexNAc(3)Hex(1)_2)
815.502(PEP_1)
854.415(PEP+HexNAc(2)Hex(3)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.955(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)
1221.662(PEP+HexNAc(2)_1)
1383.715(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:11984, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.956(PEP+HexNAc(3)Hex(3)_2)
1018.577(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1057.494(PEP+HexNAc(4)Hex(3)_2)
M+2H
1221.651(PEP+HexNAc(2)_1)
1545.779(PEP+HexNAc(2)Hex(2)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
m/z

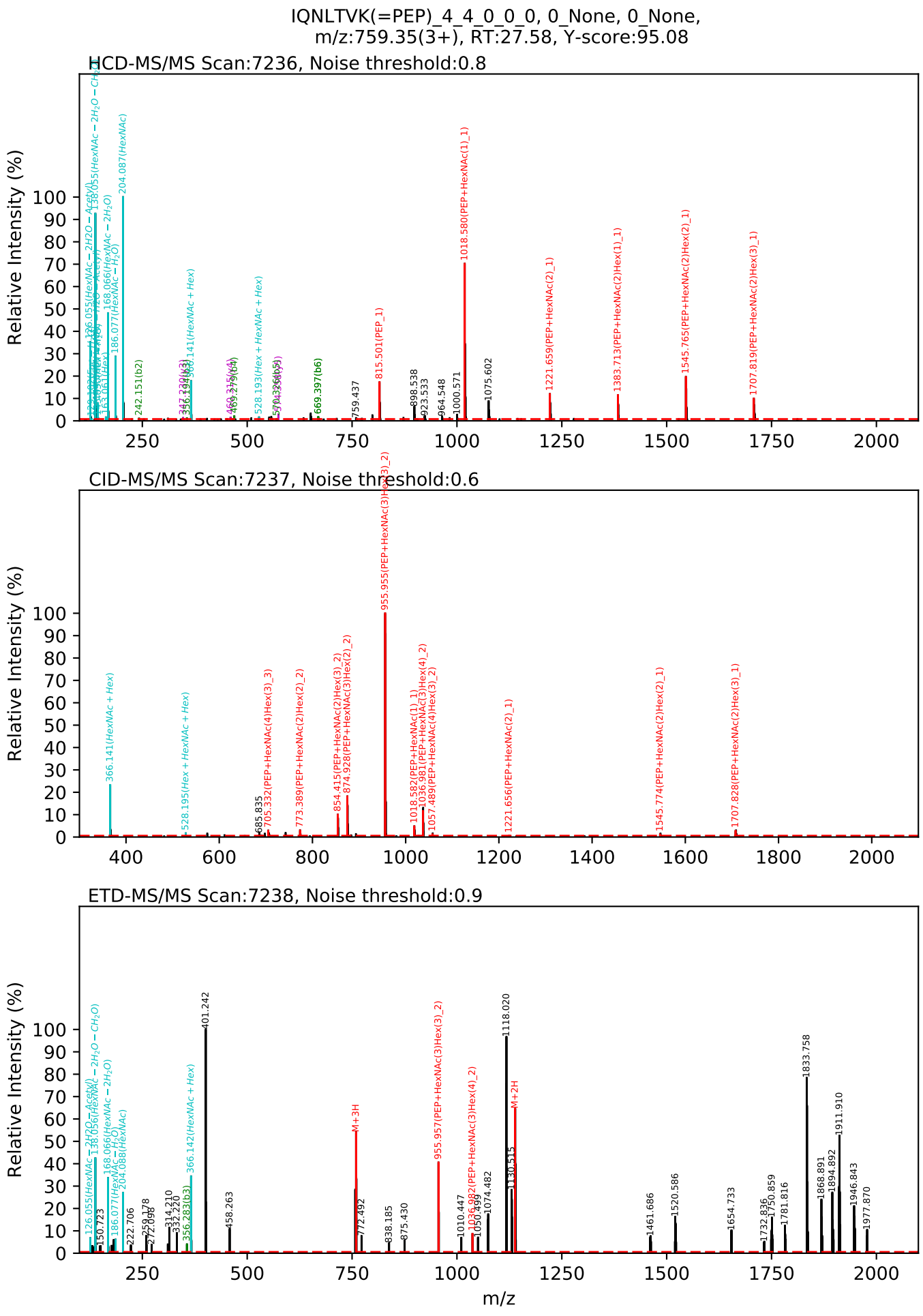

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:34.00, Y-score:93.26
HCD-MS/MS Scan:10416, Noise threshold:0.7
CID-MS/MS Scan:10417, Noise threshold:0.7
ETD-MS/MS Scan:10418, Noise threshold:0.6
Relative Intensity (%)
m/z

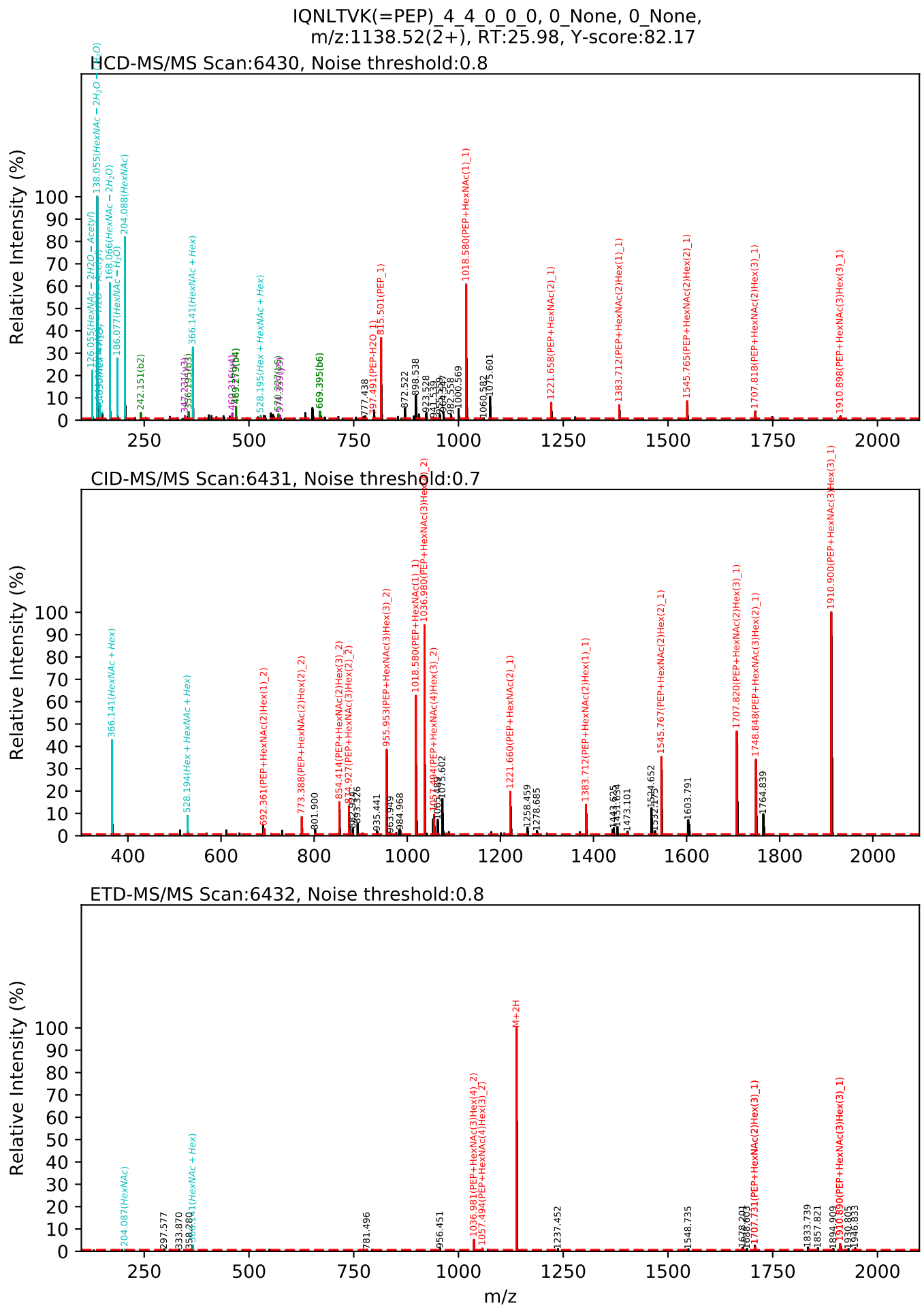

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:35.80, Y-score:91.95
HCD-MS/MS Scan:11322, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:11323, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:11324, Noise threshold:0.9
Relative Intensity (%)
m/z

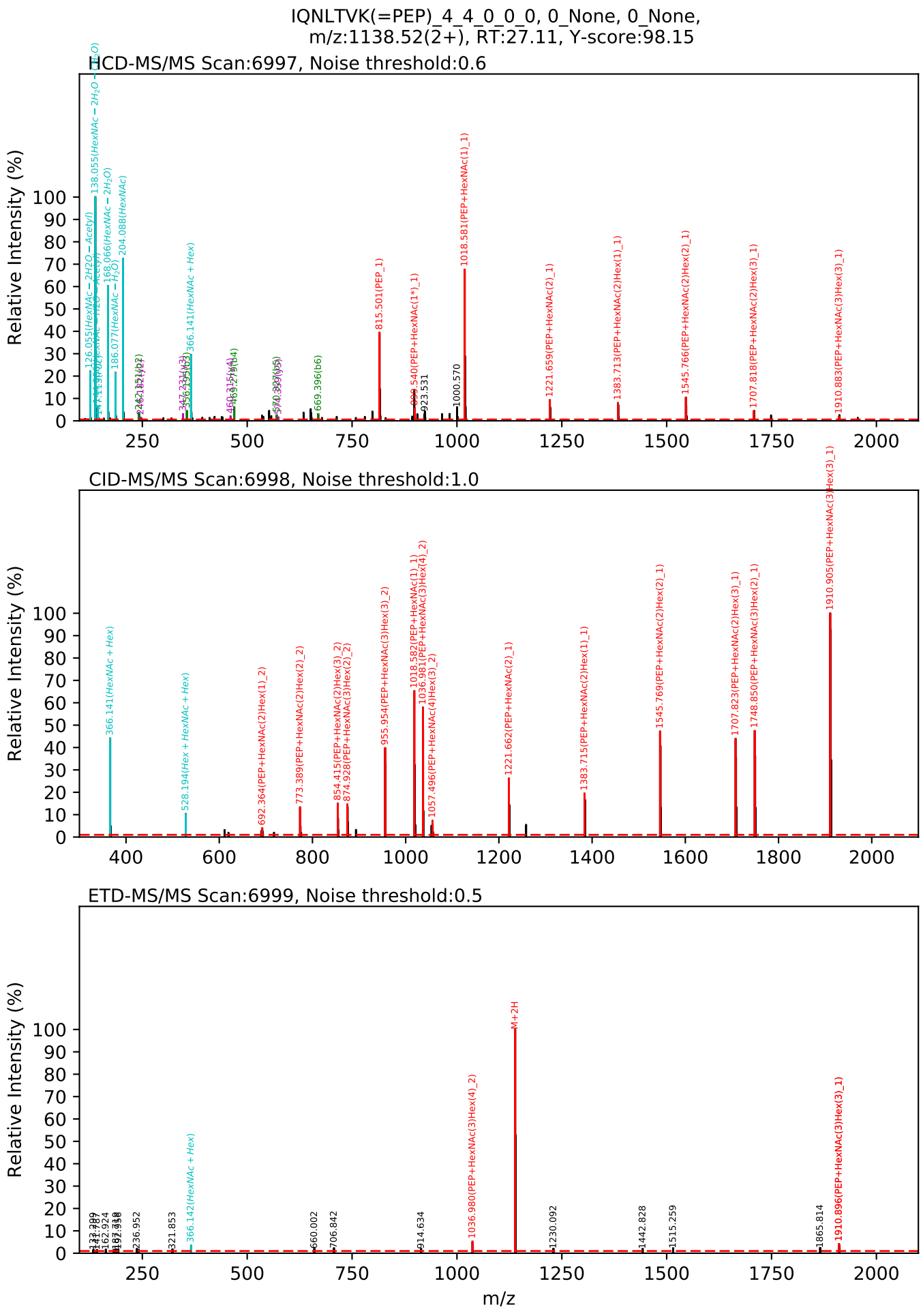

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:35.81, Y-score:91.14
HCD-MS/MS Scan:11329, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:11330, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:11331, Noise threshold:0.8
Relative Intensity (%)
m/z

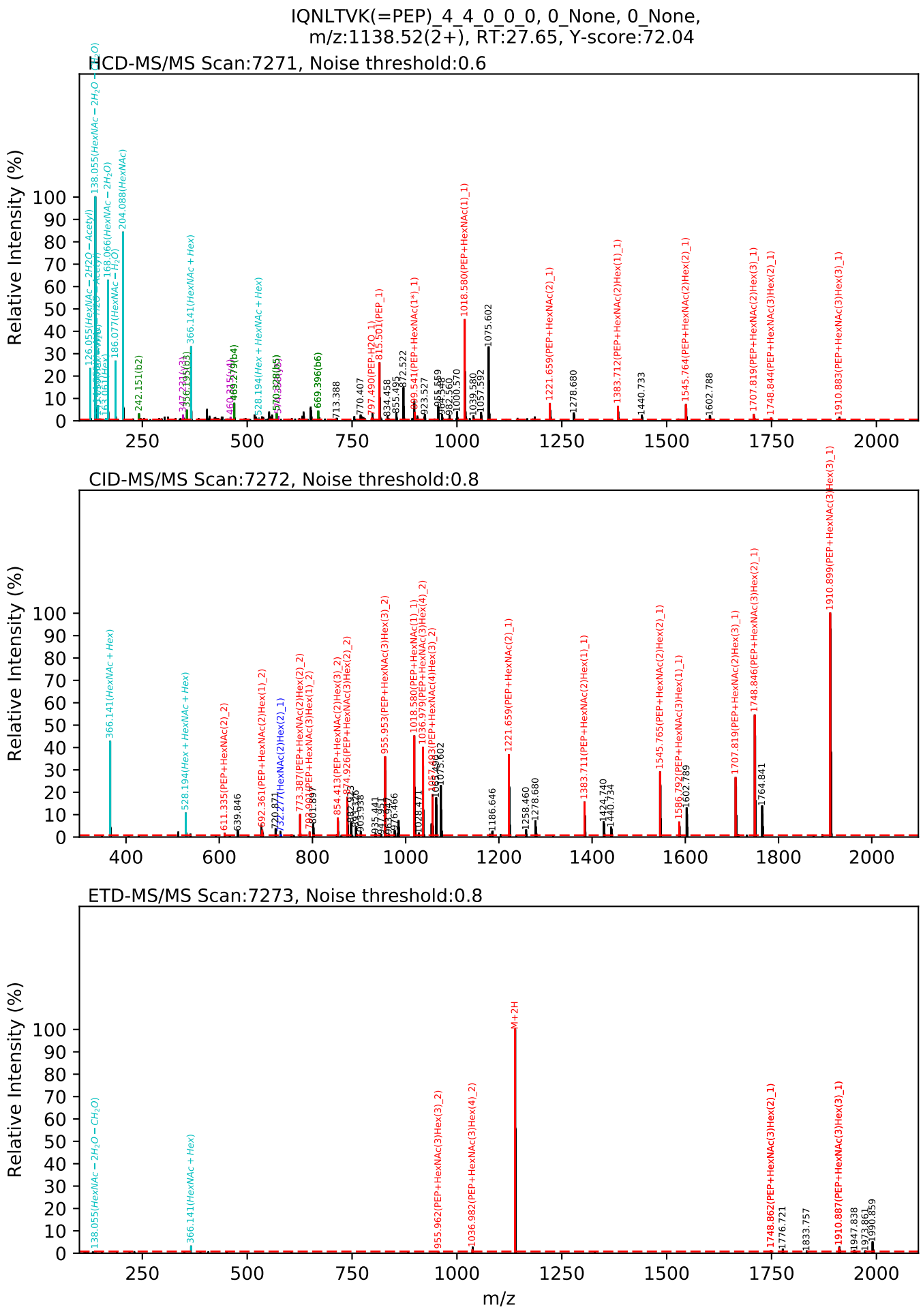

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:36.38, Y-score:92.35
HCD-MS/MS Scan:11606, Noise threshold:0.6
CID-MS/MS Scan:11604, Noise threshold:0.5
ETD-MS/MS Scan:11605, Noise threshold:0.7
Relative Intensity (%)
m/z

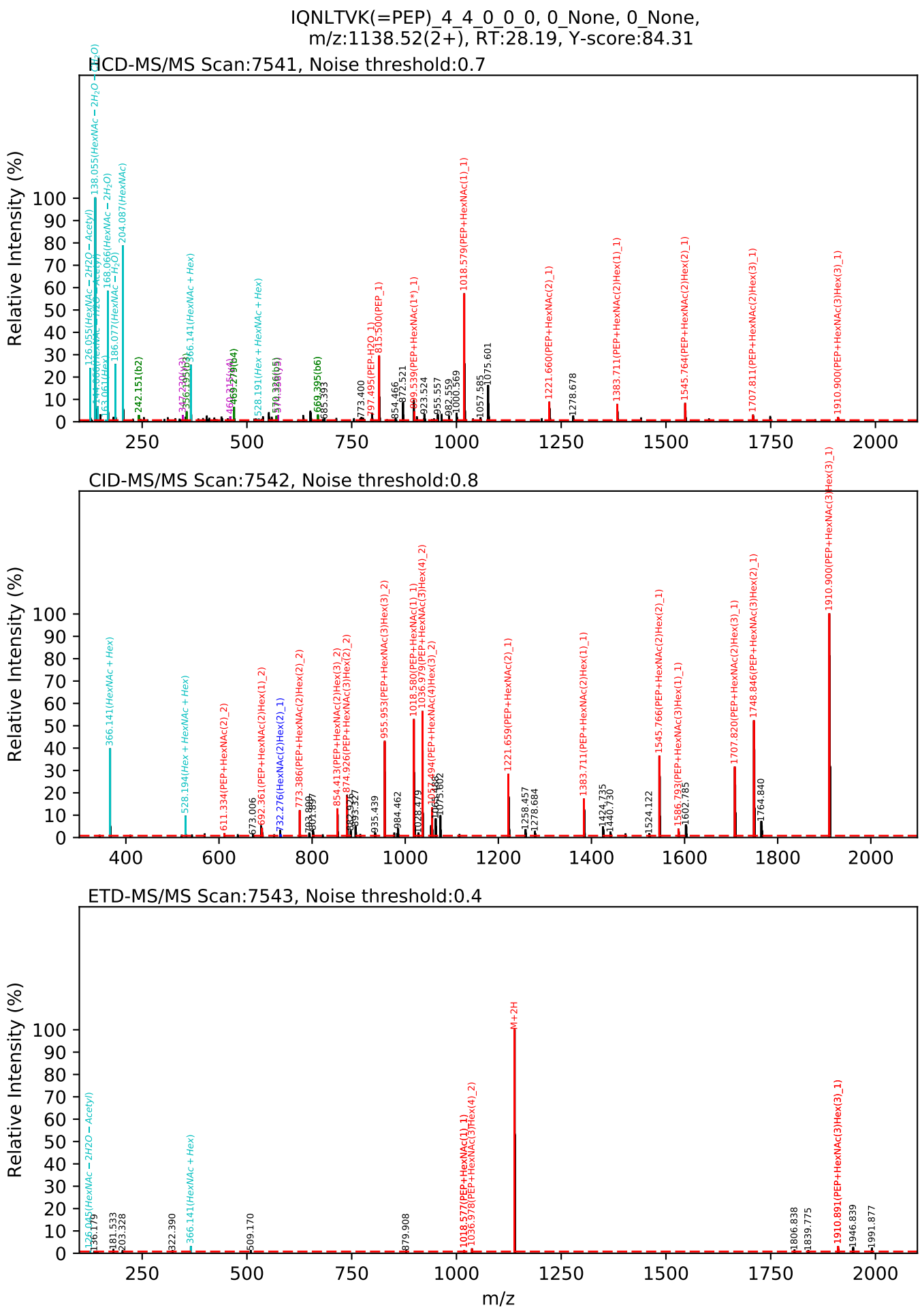

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:759.35(3+), RT:27.01, Y-score:98.21
HCD-MS/MS Scan:6949, Noise threshold:0.7
Relative Intensity (%)
204.088(HexNAc)
242.151(b2)
347.231(y3)
366.141(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
570.328(b5)
669.395(b6)
777.440
815.502(PEP_1)
923.530
1018.581(PEP+HexNAc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6950, Noise threshold:0.5
Relative Intensity (%)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
773.389(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
874.929(PEP+HexNAc(3)Hex(2)_2)
955.956(PEP+HexNAc(3)Hex(3)_2)
1018.582(PEP+HexNAc(1)_1)
1036.983(PEP+HexNAc(3)Hex(4)_2)
1057.496(PEP+HexNAc(4)Hex(3)_2)
1545.773(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:6951, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
401.241
437.992
757.471
955.953(PEP+HexNAc(3)Hex(3)_2)
1118.016
1478.572
1520.577
1653.738
1833.750
1869.889
1894.887
1911.901
1947.835
1977.864
m/z

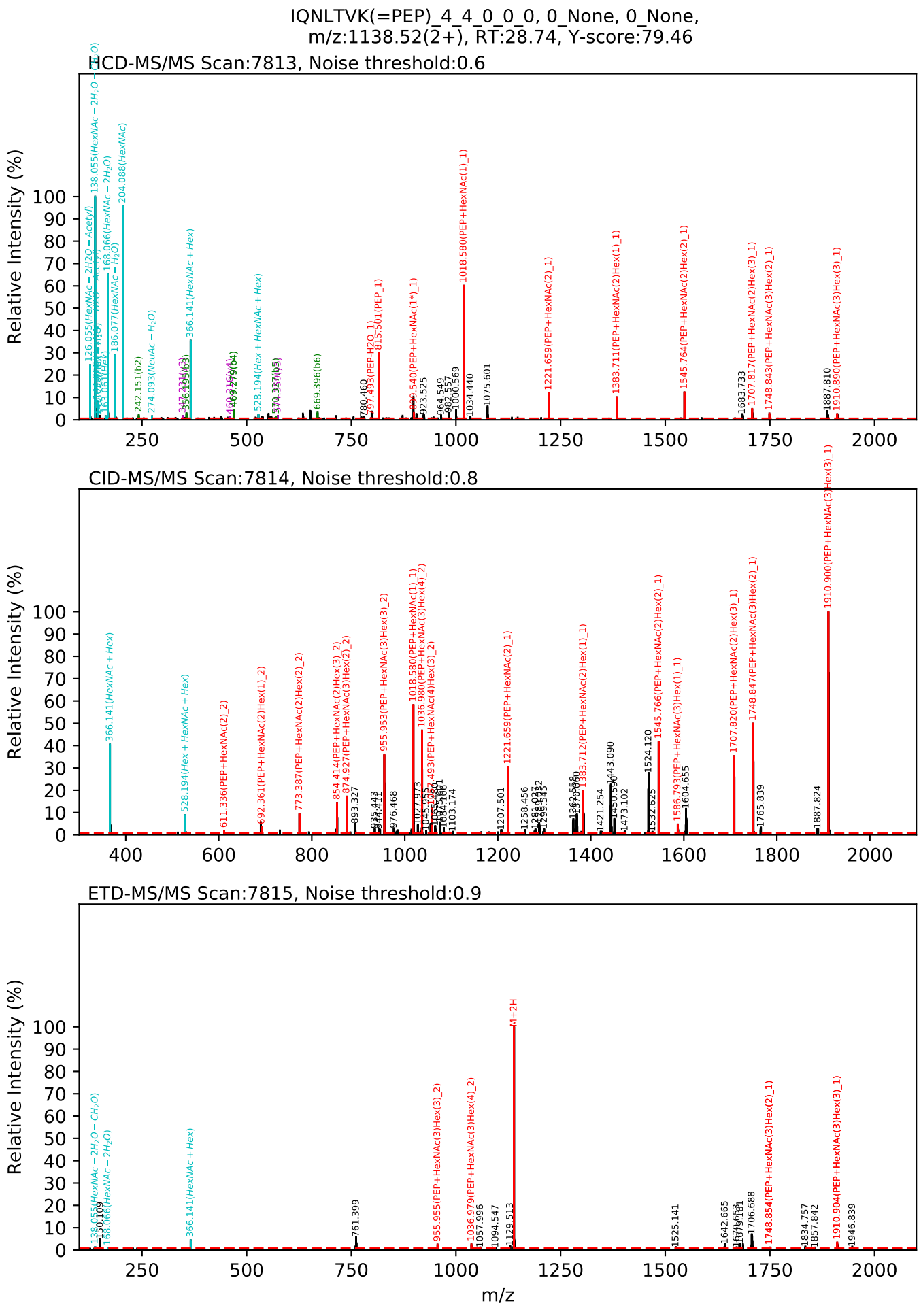

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:759.35(3+), RT:27.58, Y-score:95.08
HCD-MS/MS Scan:7236, Noise threshold:0.8
Relative Intensity (%)
204.087(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
669.397(b6)
759.437
815.501(PEP_1)
898.538
923.533
964.548
1000.571
1018.580(PEP+HexNAc(1)_1)
1075.602
1221.659(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:7237, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
685.835
705.332(PEP+HexNAc(4)Hex(3)_3)
773.389(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
874.928(PEP+HexNAc(3)Hex(2)_2)
955.955(PEP+HexNAc(3)Hex(3)_2)
1018.582(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1057.489(PEP+HexNAc(4)Hex(3)_2)
1221.656(PEP+HexNAc(2)_1)
1545.774(PEP+HexNAc(2)Hex(2)_1)
1707.828(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:7238, Noise threshold:0.9
Relative Intensity (%)
204.088(HexNAc)
222.706
258.178
314.210
332.220
356.283(b3)
366.142(HexNAc + Hex)
401.242
458.263
772.492
838.185
875.430
955.957(PEP+HexNAc(3)Hex(3)_2)
1010.447
1074.482
1118.020
1130.515
M+3H
M+2H
1461.686
1520.586
1654.733
1732.836
1750.859
1781.816
1833.758
1868.891
1894.892
1911.910
1946.843
1977.870
m/z

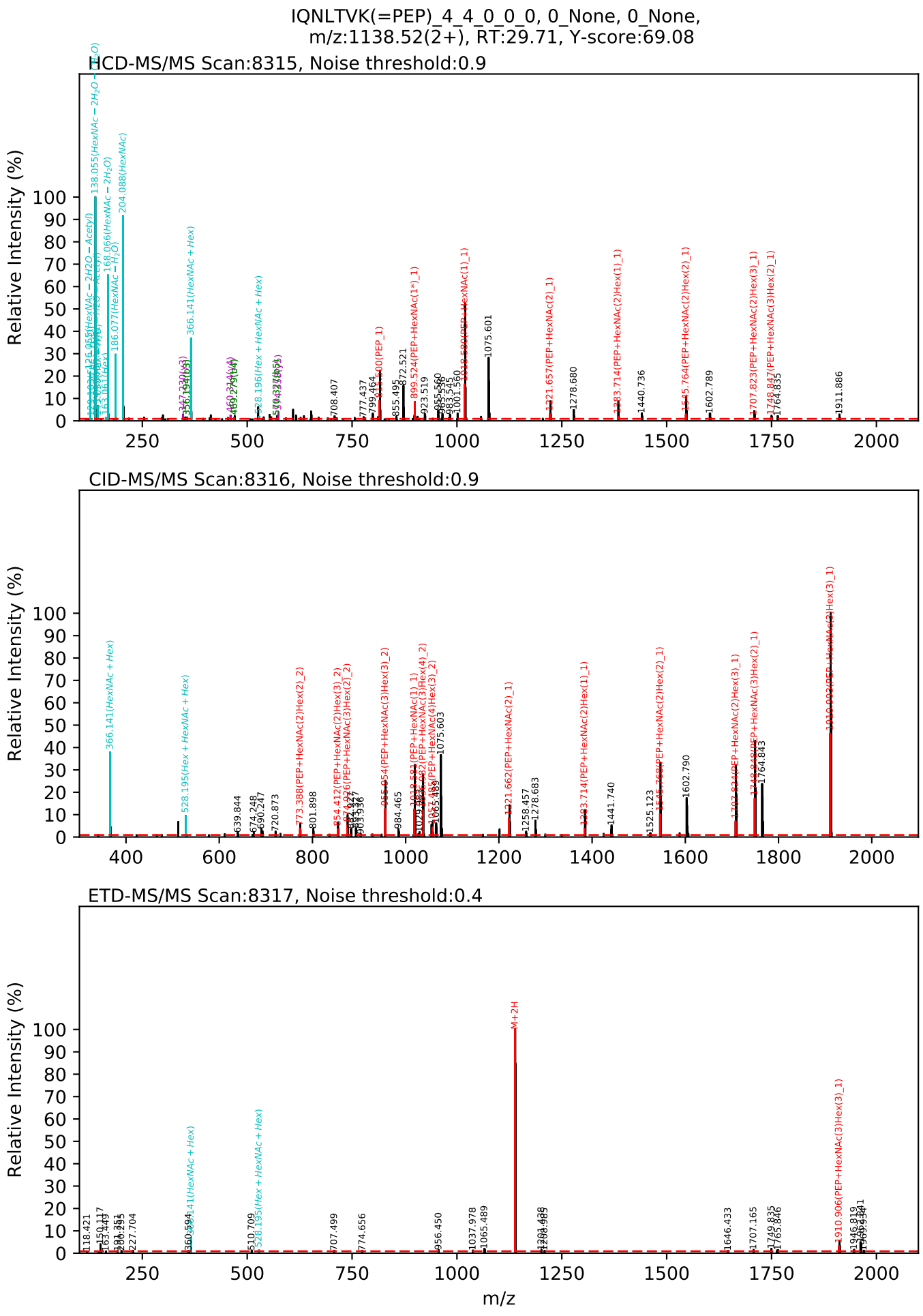

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:25.98, Y-score:82.17
HCD-MS/MS Scan:6430, Noise threshold:0.8
CID-MS/MS Scan:6431, Noise threshold:0.7
ETD-MS/MS Scan:6432, Noise threshold:0.8
Relative Intensity (%)
m/z

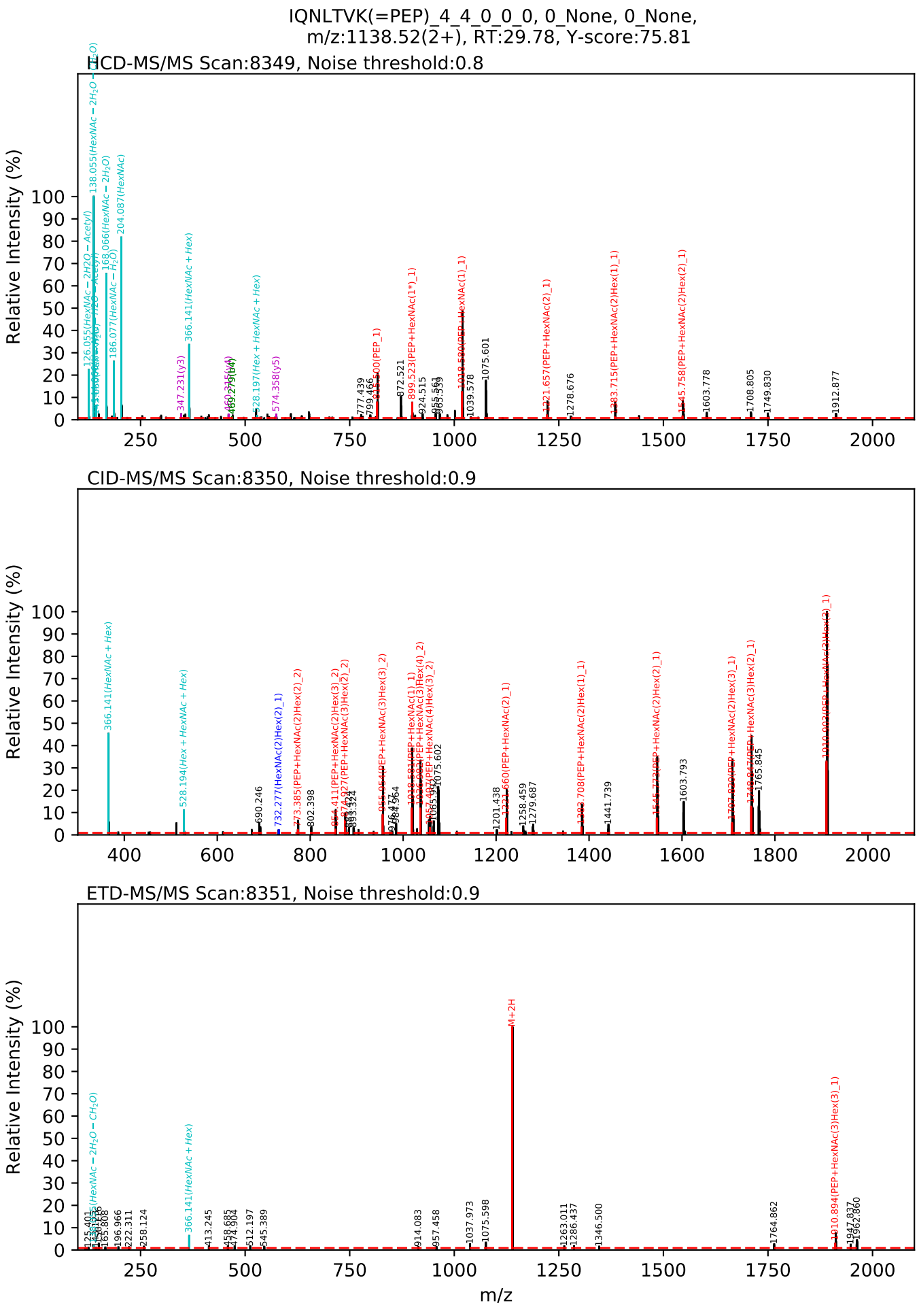

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:27.11, Y-score:98.15
HCD-MS/MS Scan:6997, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
347.233(b3)
366.141(HexNAc + Hex)
460.315(b4)
469.279(b4)
570.337(b5)
669.396(b6)
815.501(PEP_1)
923.531
1000.570
1018.581(PEP+HexNAc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1910.883(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:6998, Noise threshold:1.0
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
692.364(PEP+HexNAc(2)Hex(1)_2)
773.389(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)
1018.582(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1057.496(PEP+HexNAc(4)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)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1748.850(PEP+HexNAc(3)Hex(2)_1)
1910.905(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:6999, Noise threshold:0.5
Relative Intensity (%)
236.952
321.853
366.142(HexNAc + Hex)
660.002
706.842
914.634
1036.980(PEP+HexNAc(3)Hex(4)_2)
M+2H
1230.092
1442.828
1515.259
1865.814
1910.896(PEP+HexNAc(3)Hex(3)_1)
m/z

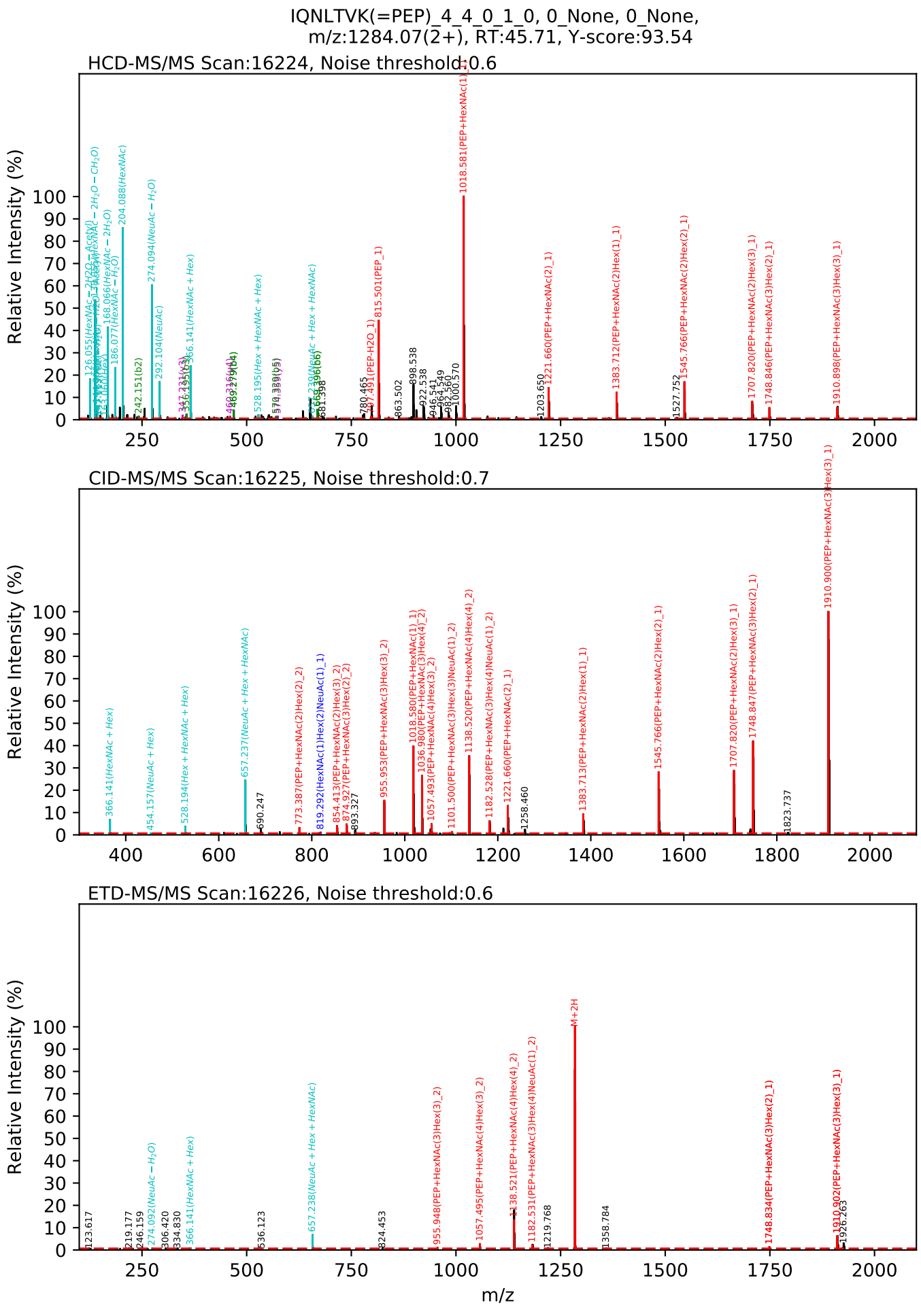

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:27.65, Y-score:72.04
HCD-MS/MS Scan:7271, Noise threshold:0.6
CID-MS/MS Scan:7272, Noise threshold:0.8
ETD-MS/MS Scan:7273, Noise threshold:0.8
Relative Intensity (%)
m/z

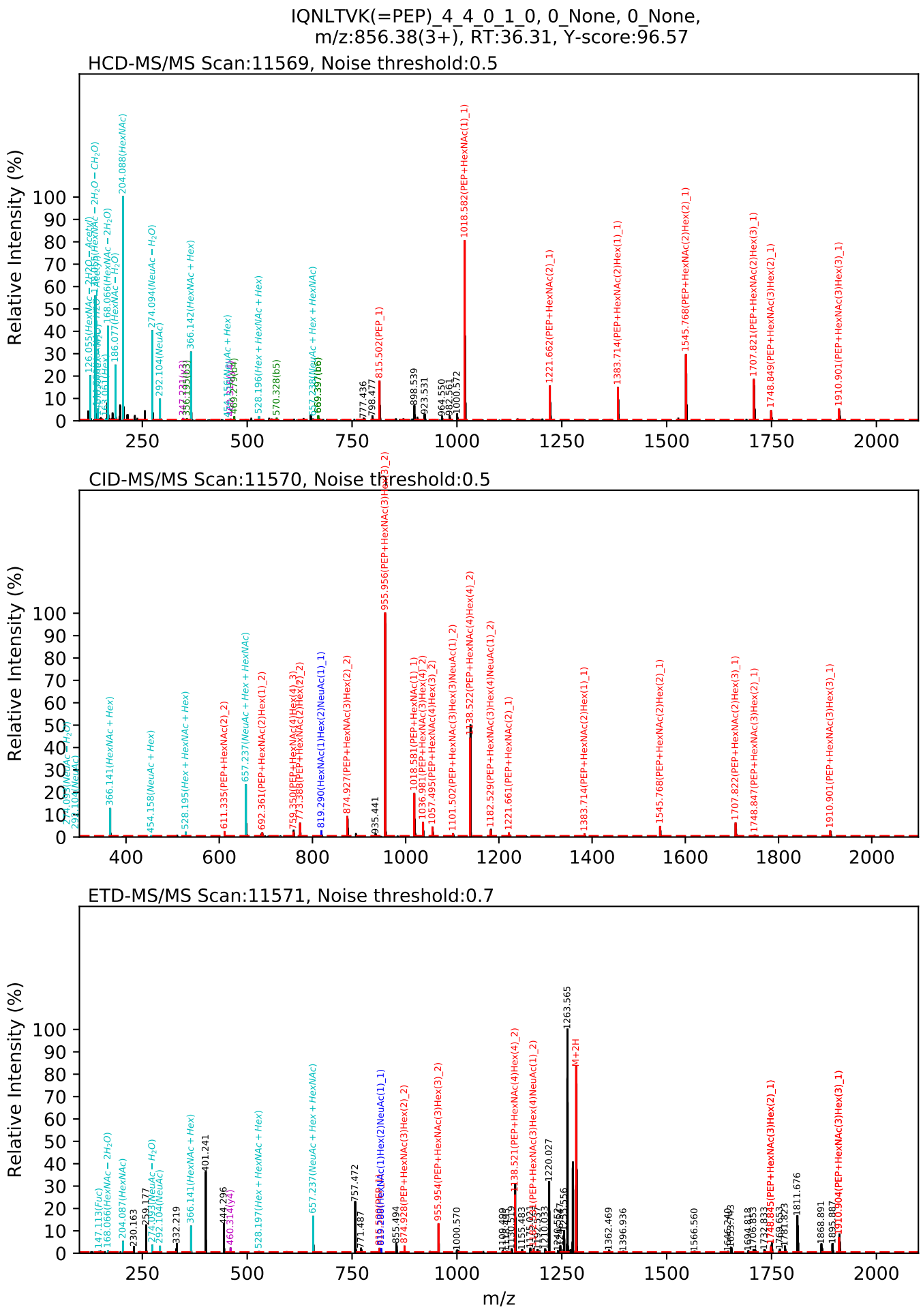

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:28.19, Y-score:84.31
HCD-MS/MS Scan:7541, Noise threshold:0.7
CID-MS/MS Scan:7542, Noise threshold:0.8
ETD-MS/MS Scan:7543, Noise threshold:0.4
Relative Intensity (%)
m/z

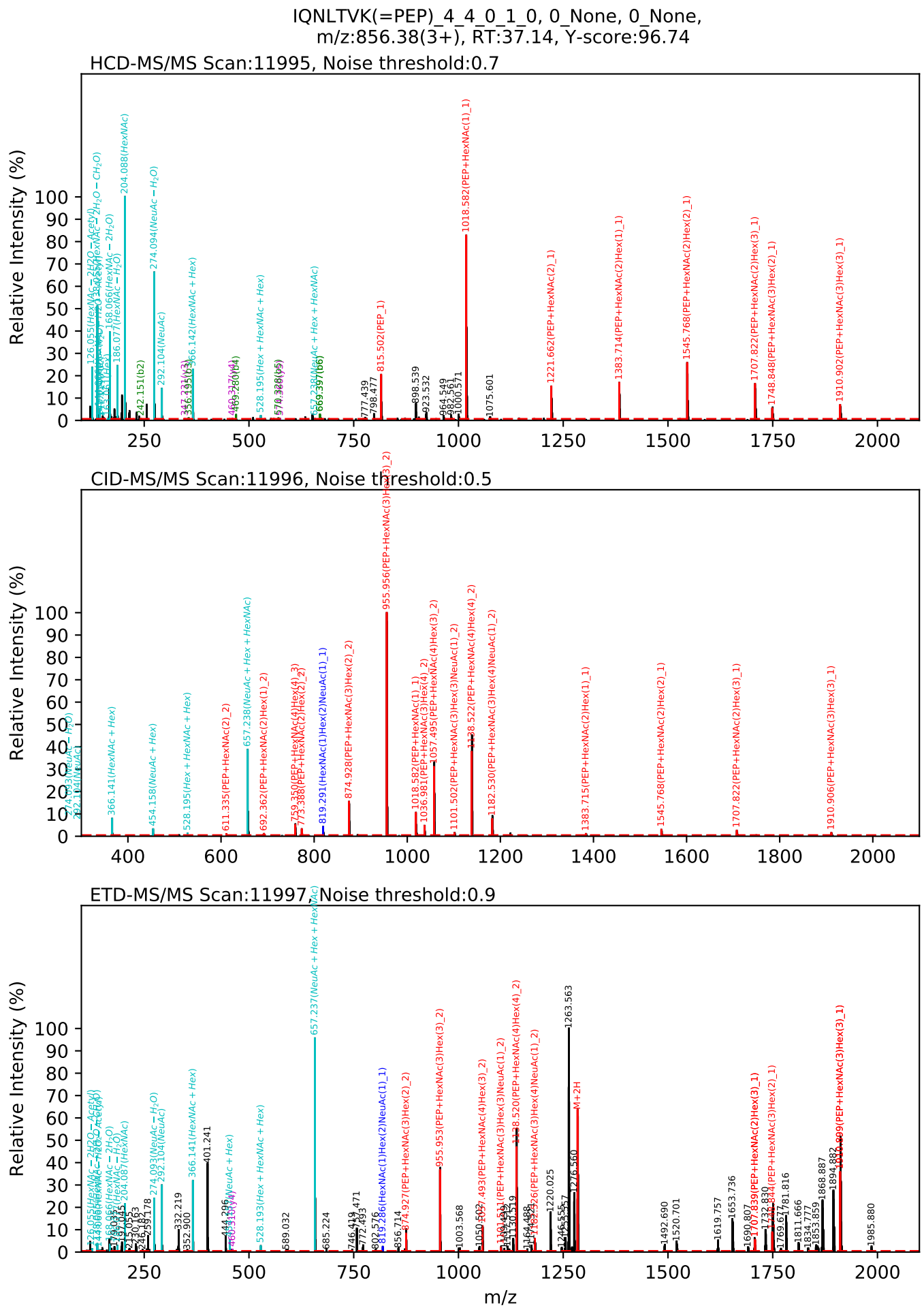

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:28.74, Y-score:79.46
HCD-MS/MS Scan:7813, Noise threshold:0.6
CID-MS/MS Scan:7814, Noise threshold:0.8
ETD-MS/MS Scan:7815, Noise threshold:0.9
Relative Intensity (%)
m/z

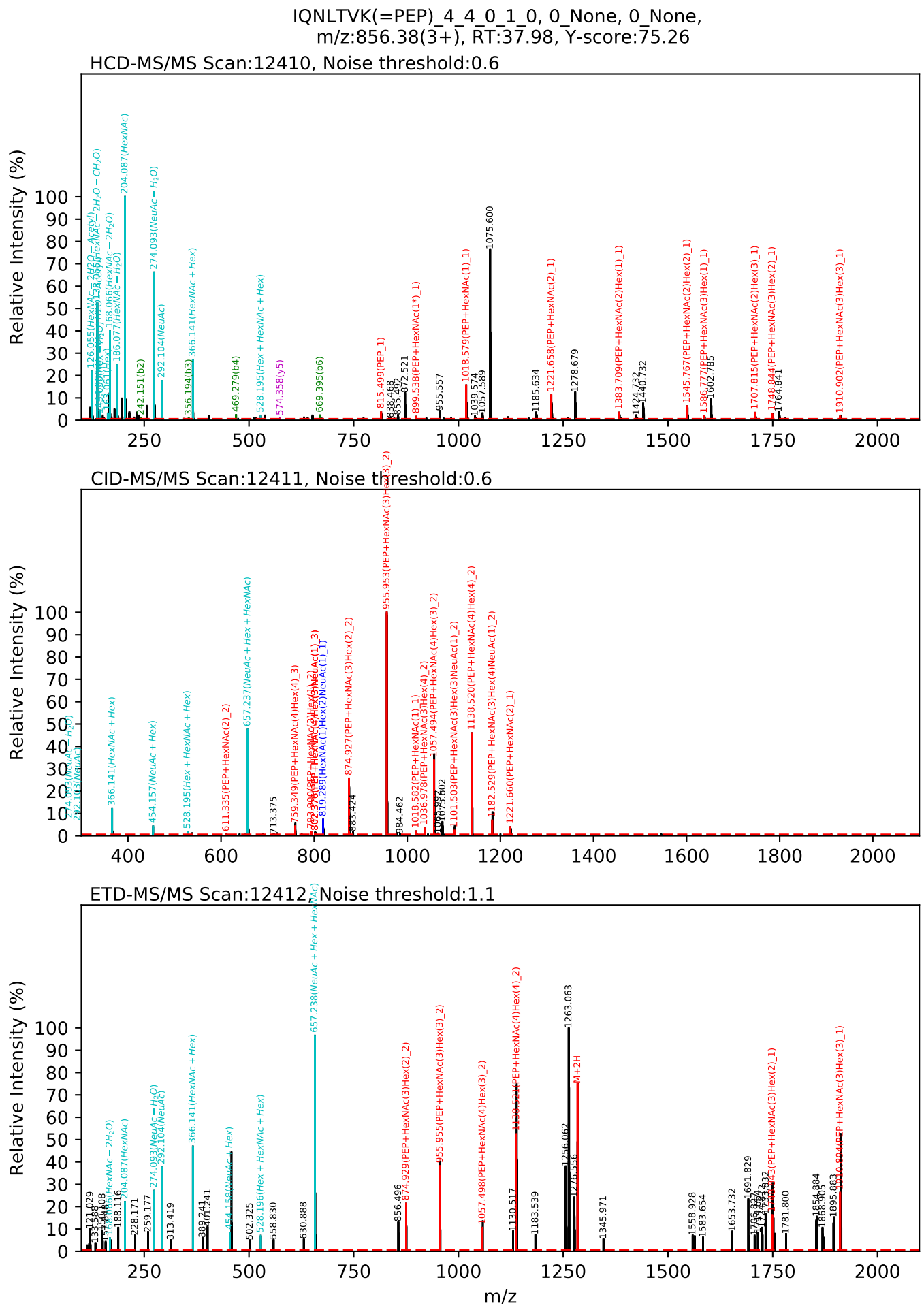

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:29.71, Y-score:69.08
HCD-MS/MS Scan:8315, Noise threshold:0.9
CID-MS/MS Scan:8316, Noise threshold:0.9
ETD-MS/MS Scan:8317, Noise threshold:0.4
Relative Intensity (%)
m/z

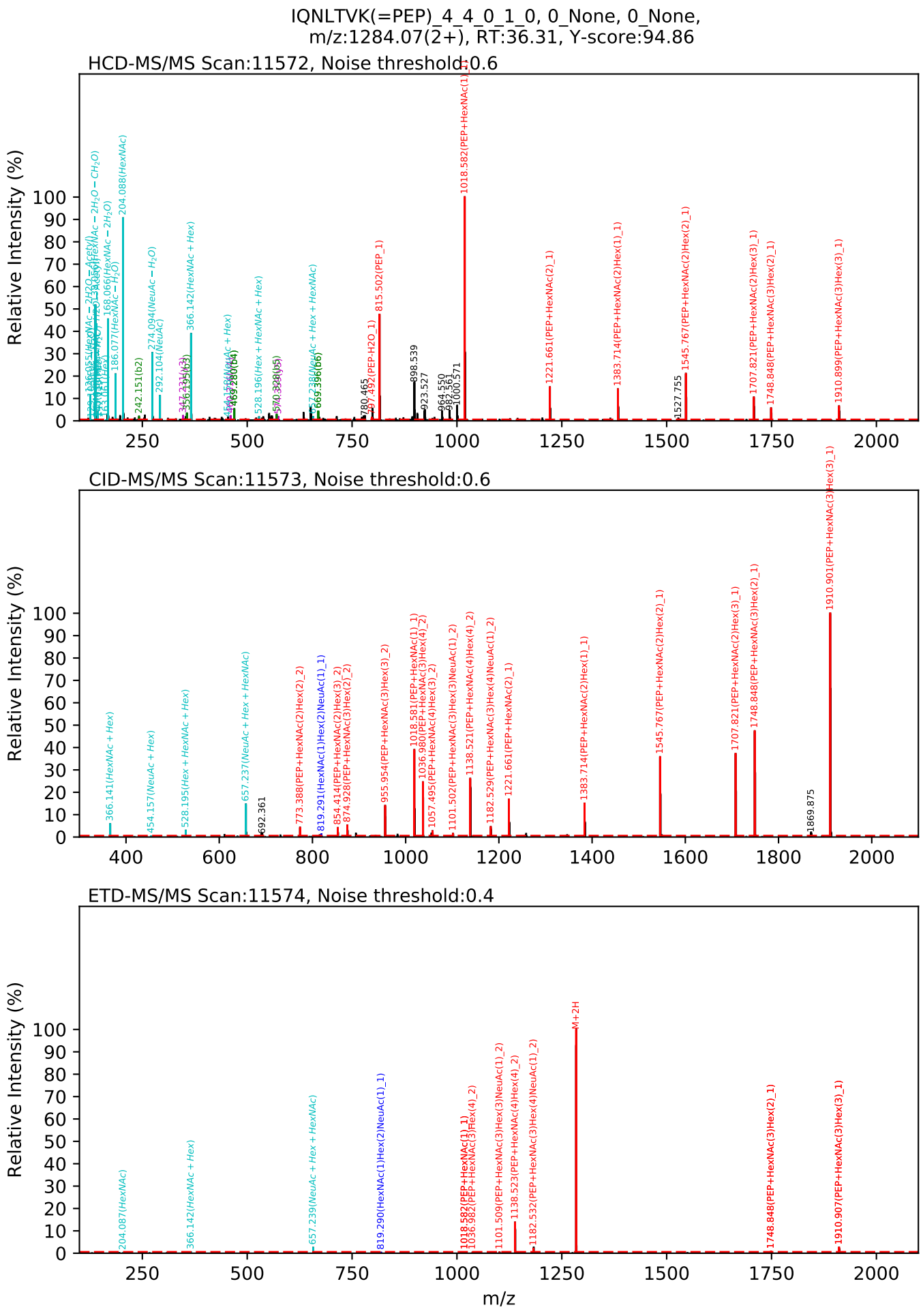

IQNLTVK(=PEP)_4_4_0_0_0, 0_None, 0_None,
m/z:1138.52(2+), RT:29.78, Y-score:75.81
HCD-MS/MS Scan:8349, Noise threshold:0.8
CID-MS/MS Scan:8350, Noise threshold:0.9
ETD-MS/MS Scan:8351, Noise threshold:0.9
Relative Intensity (%)
m/z

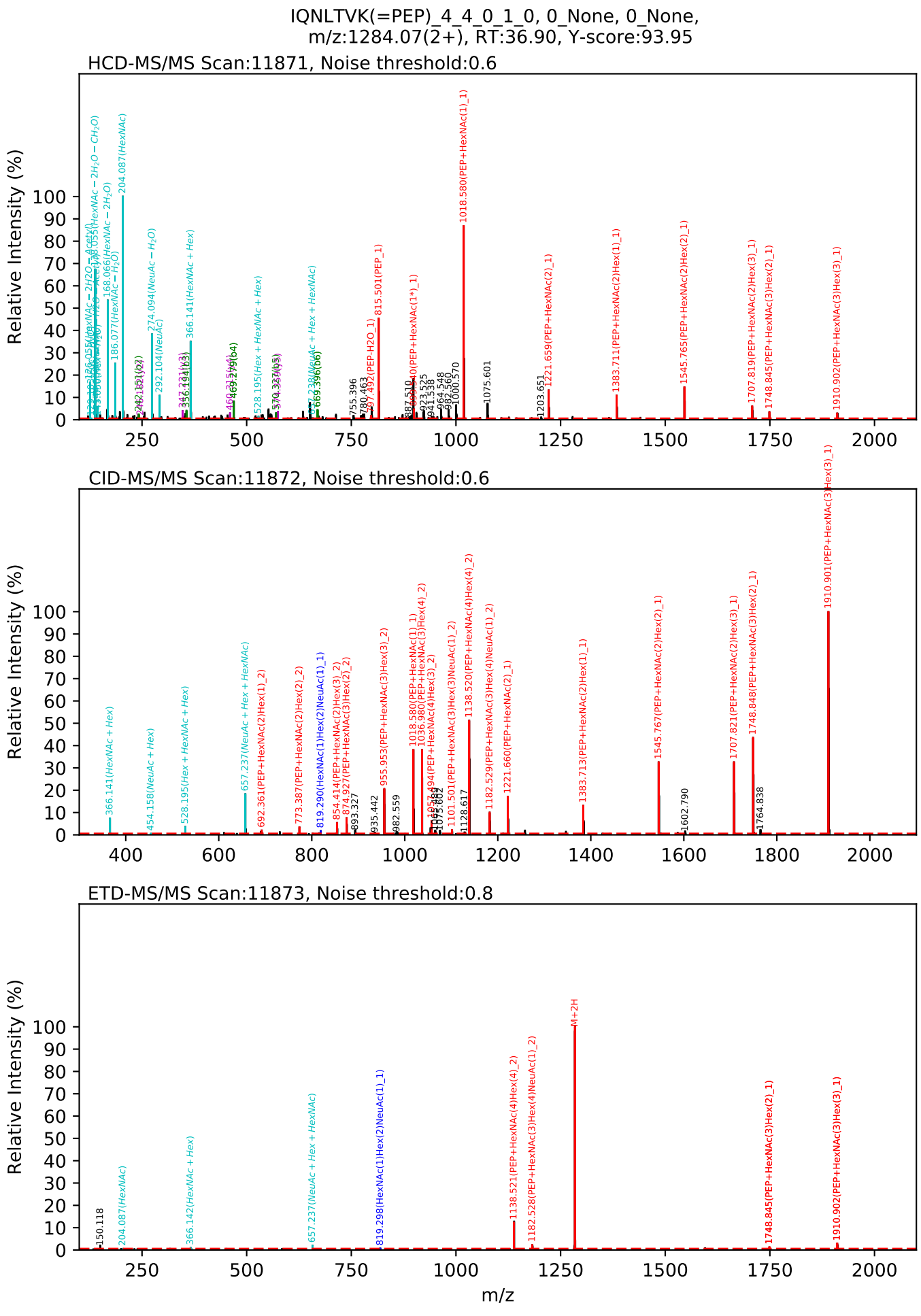

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.07(2+), RT:45.71, Y-score:93.54
HCD-MS/MS Scan:16224, Noise threshold:0.6
CID-MS/MS Scan:16225, Noise threshold:0.7
ETD-MS/MS Scan:16226, Noise threshold:0.6
Relative Intensity (%)
m/z

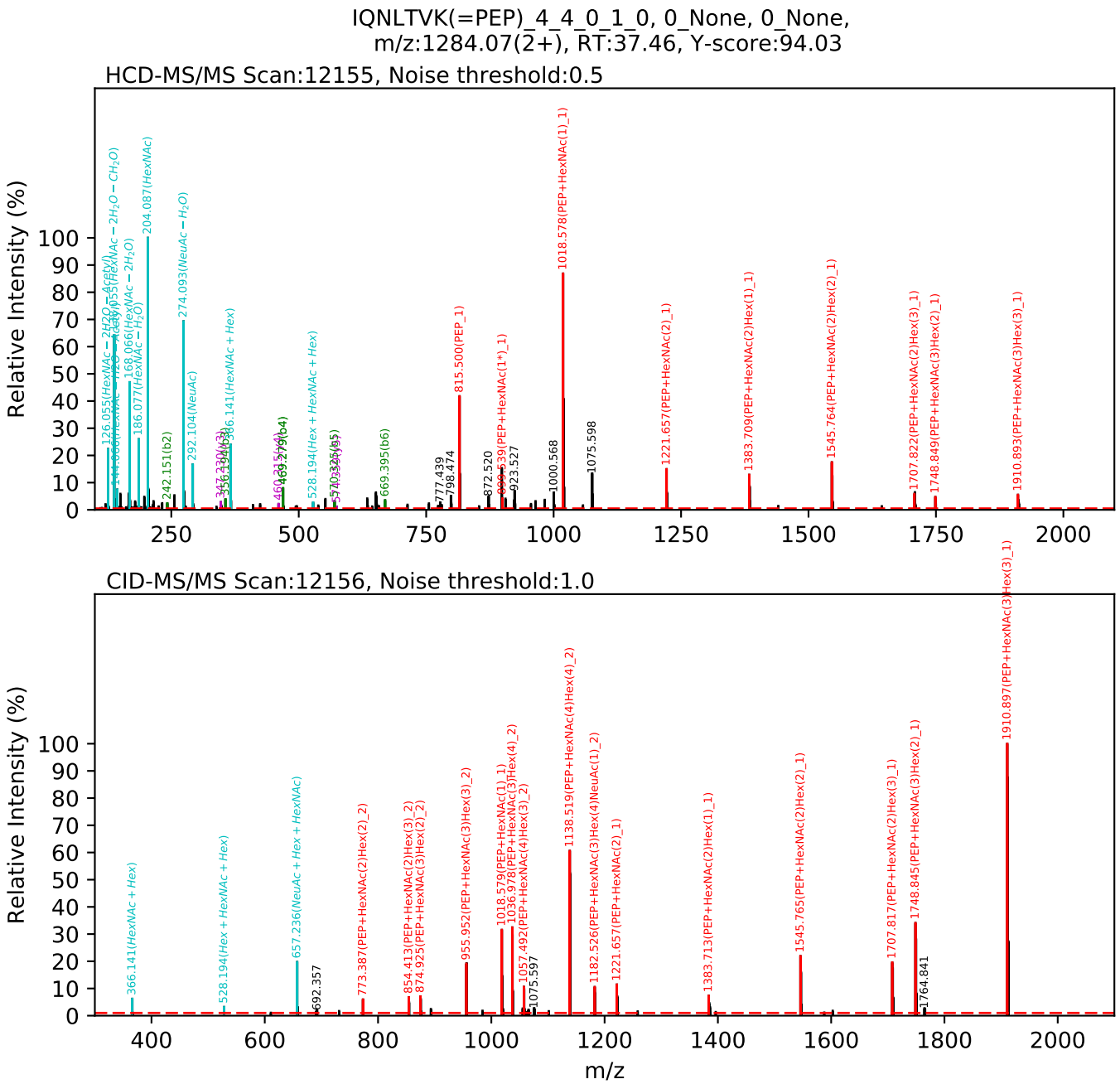

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:856.38(3+), RT:36.31, Y-score:96.57
HCD-MS/MS Scan:11569, Noise threshold:0.5
CID-MS/MS Scan:11570, Noise threshold:0.5
ETD-MS/MS Scan:11571, Noise threshold:0.7
Relative Intensity (%)
m/z

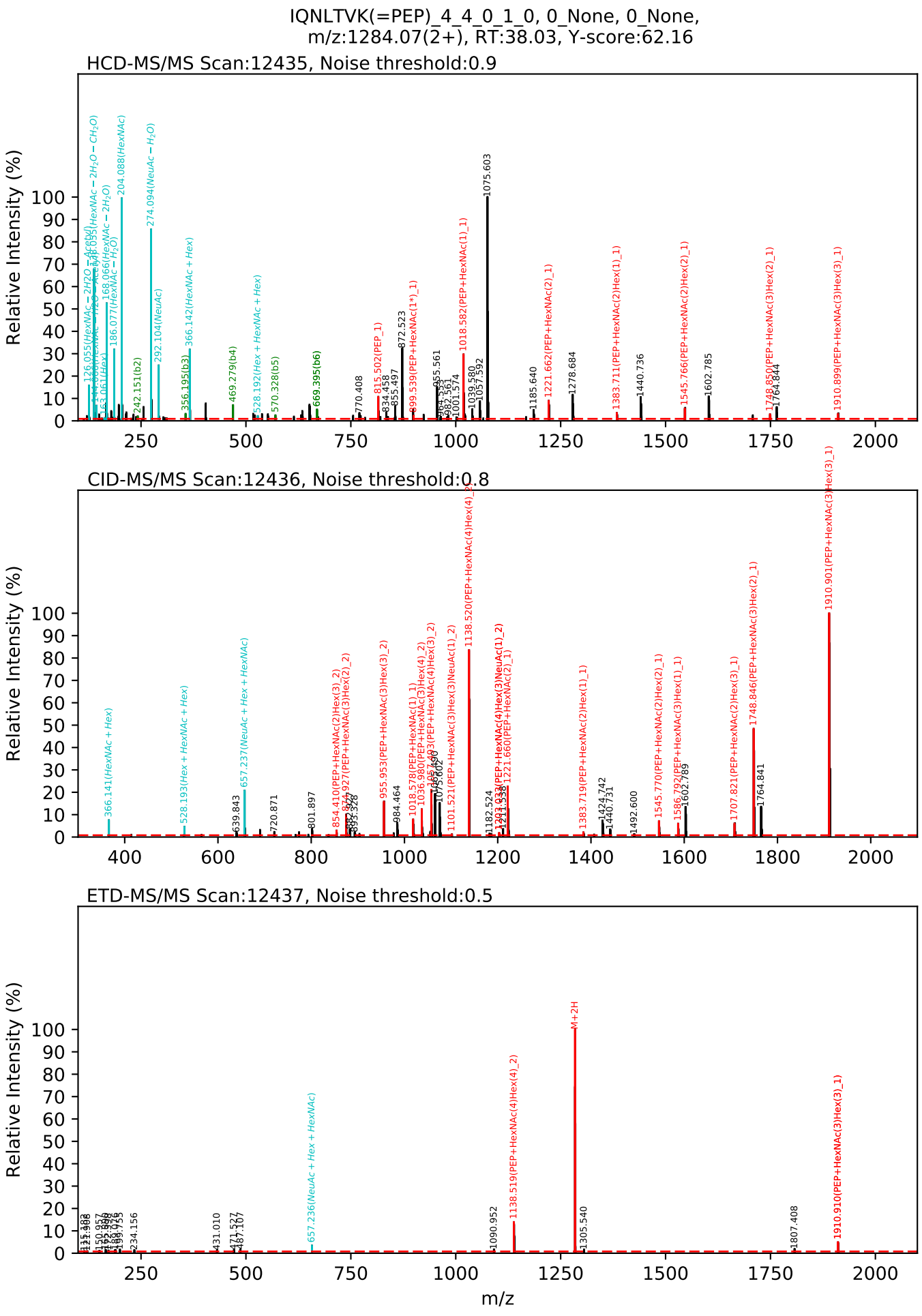

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:856.38(3+), RT:37.14, Y-score:96.74
HCD-MS/MS Scan:11995, Noise threshold:0.7
CID-MS/MS Scan:11996, Noise threshold:0.5
ETD-MS/MS Scan:11997, Noise threshold:0.9
Relative Intensity (%)
m/z

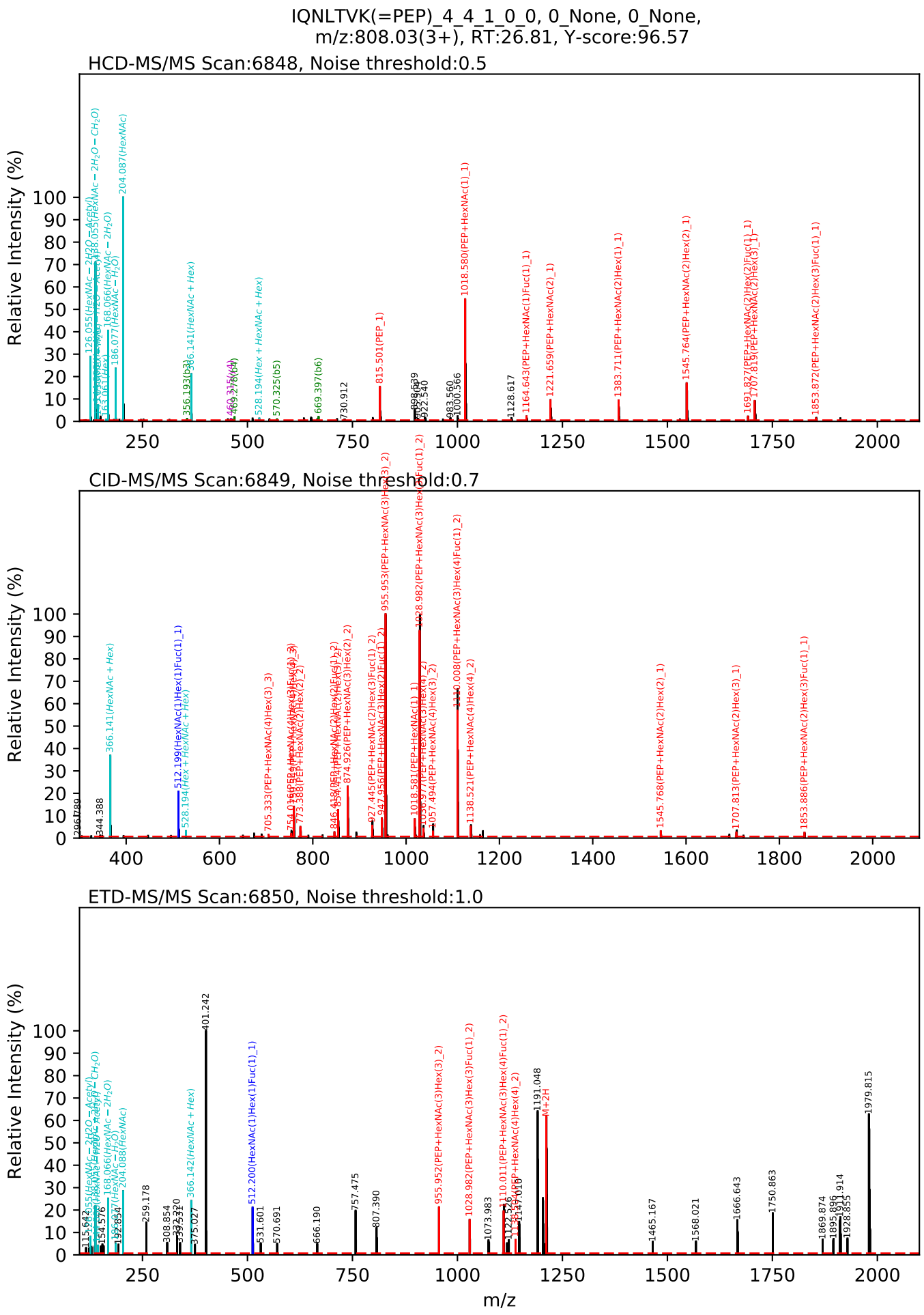

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:856.38(3+), RT:37.98, Y-score:75.26
HCD-MS/MS Scan:12410, Noise threshold:0.6
CID-MS/MS Scan:12411, Noise threshold:0.6
ETD-MS/MS Scan:12412, Noise threshold:1.1
Relative Intensity (%)
m/z

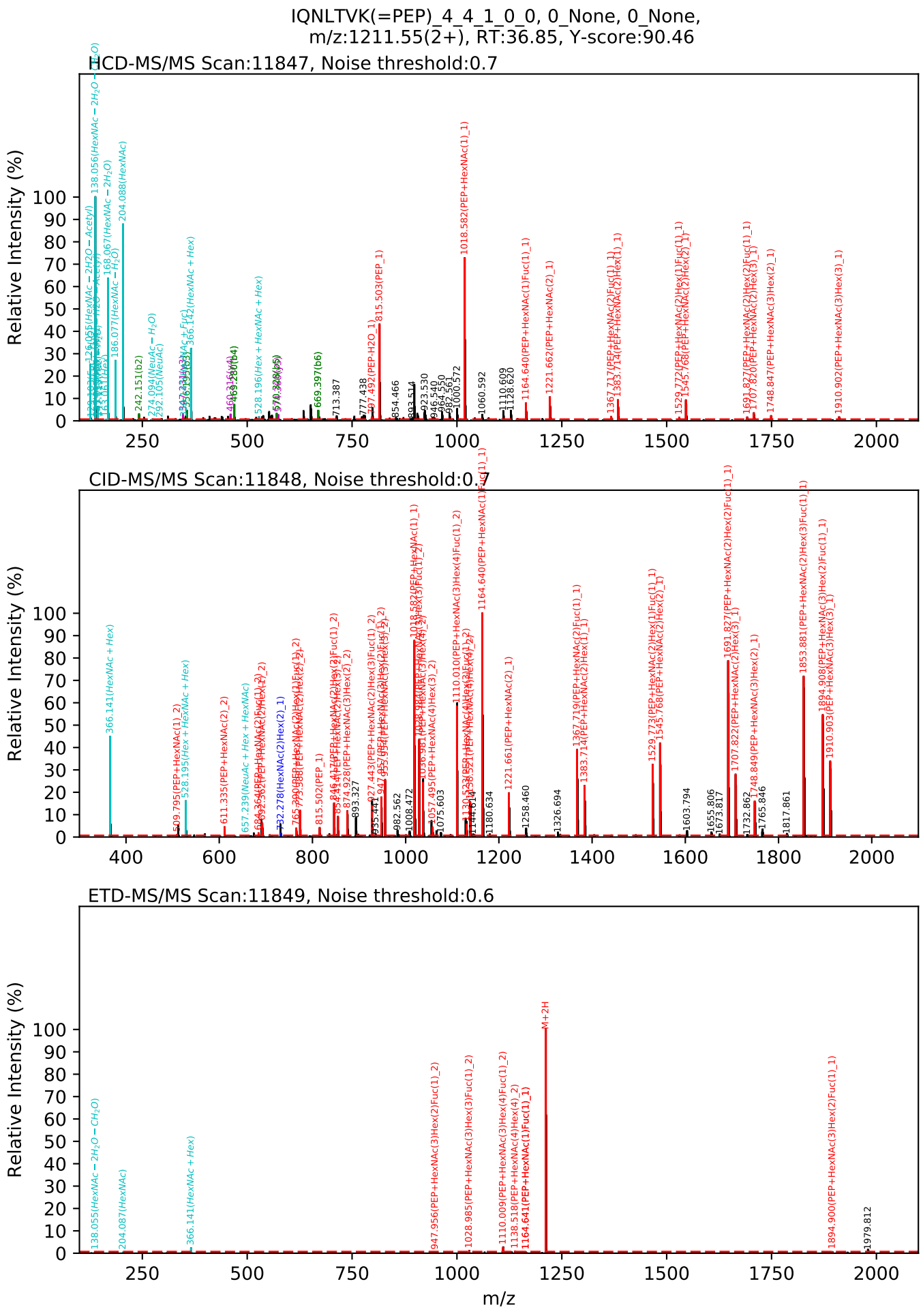

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.07(2+), RT:36.31, Y-score:94.86
HCD-MS/MS Scan:11572, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:11573, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:11574, Noise threshold:0.4
Relative Intensity (%)
m/z

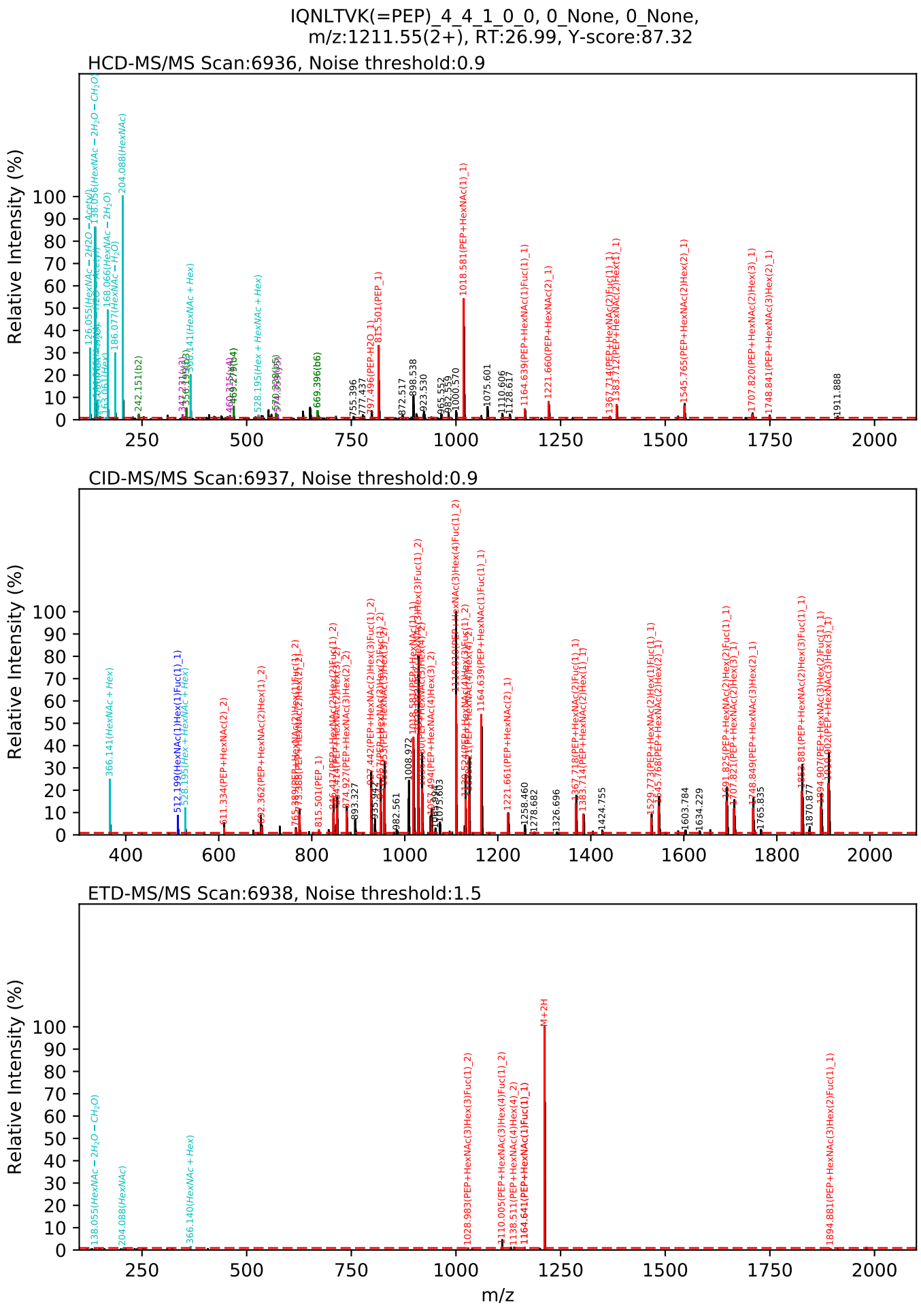

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.07(2+), RT:36.90, Y-score:93.95
HCD-MS/MS Scan:11871, Noise threshold:0.6
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:11872, Noise threshold:0.6
Relative Intensity (%)
1910.901(PEP+HexNAc(3)Hex(3)_1)
1138.520(PEP+HexNAc(4)Hex(4)_2)
1018.580(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
955.953(PEP+HexNAc(3)Hex(3)_2)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1221.660(PEP+HexNAc(2)_1)
ETD-MS/MS Scan:11873, Noise threshold:0.8
Relative Intensity (%)
M+2H
1138.521(PEP+HexNAc(4)Hex(4)_2)
1182.528(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
819.298(HexNAc(1)Hex(2)NeuAc(1)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
m/z

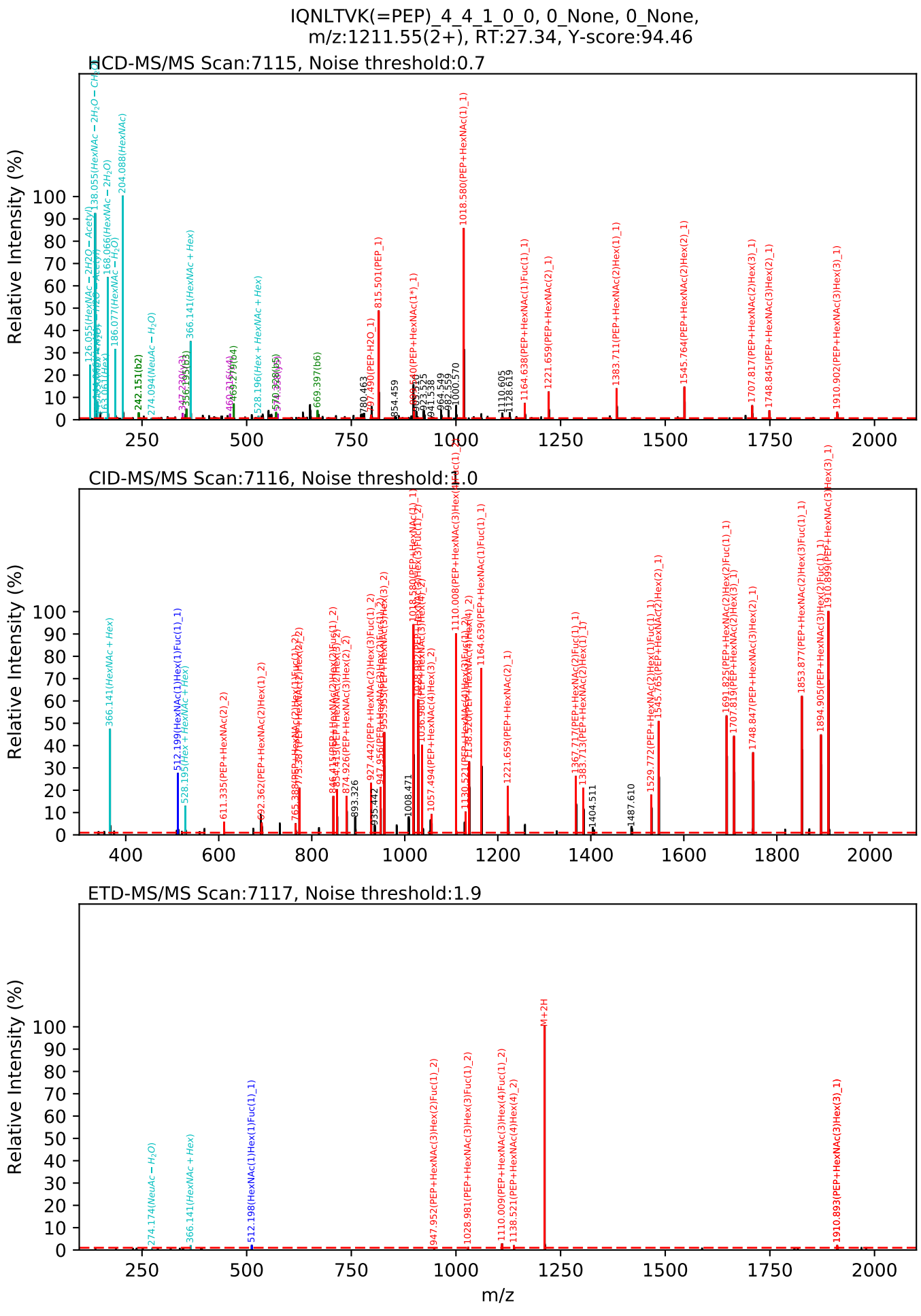

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.07(2+), RT:37.46, Y-score:94.03
HCD-MS/MS Scan:12155, Noise threshold:0.5
Relative Intensity (%)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
242.151(b2)
1018.578(PEP+HexNAc(1)_1)
815.500(PEP_1)
1221.657(PEP+HexNAc(2)_1)
1383.709(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1910.893(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:12156, Noise threshold:1.0
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
773.387(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
874.925(PEP+HexNAc(3)Hex(2)_2)
955.952(PEP+HexNAc(3)Hex(3)_2)
1018.579(PEP+HexNAc(1)_1)
1036.978(PEP+HexNAc(3)Hex(4)_2)
1057.492(PEP+HexNAc(4)Hex(3)_2)
1138.519(PEP+HexNAc(4)Hex(4)_2)
1182.526(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1221.657(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)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.897(PEP+HexNAc(3)Hex(3)_1)

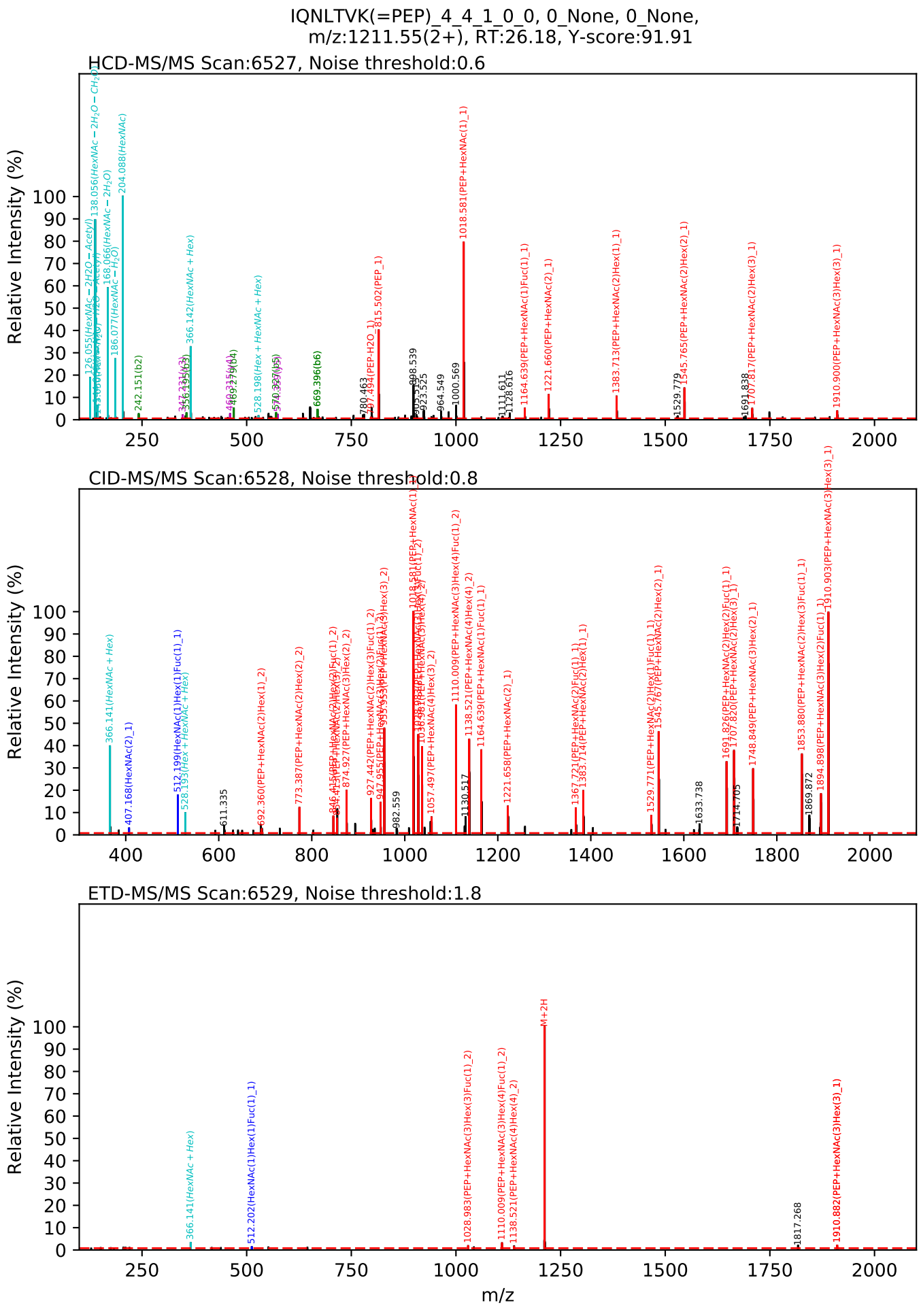

IQNLTVK(=PEP)_4_4_0_1_0, 0_None, 0_None,
m/z:1284.07(2+), RT:38.03, Y-score:62.16
HCD-MS/MS Scan:12435, Noise threshold:0.9
Relative Intensity (%)
CID-MS/MS Scan:12436, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:12437, Noise threshold:0.5
Relative Intensity (%)
m/z

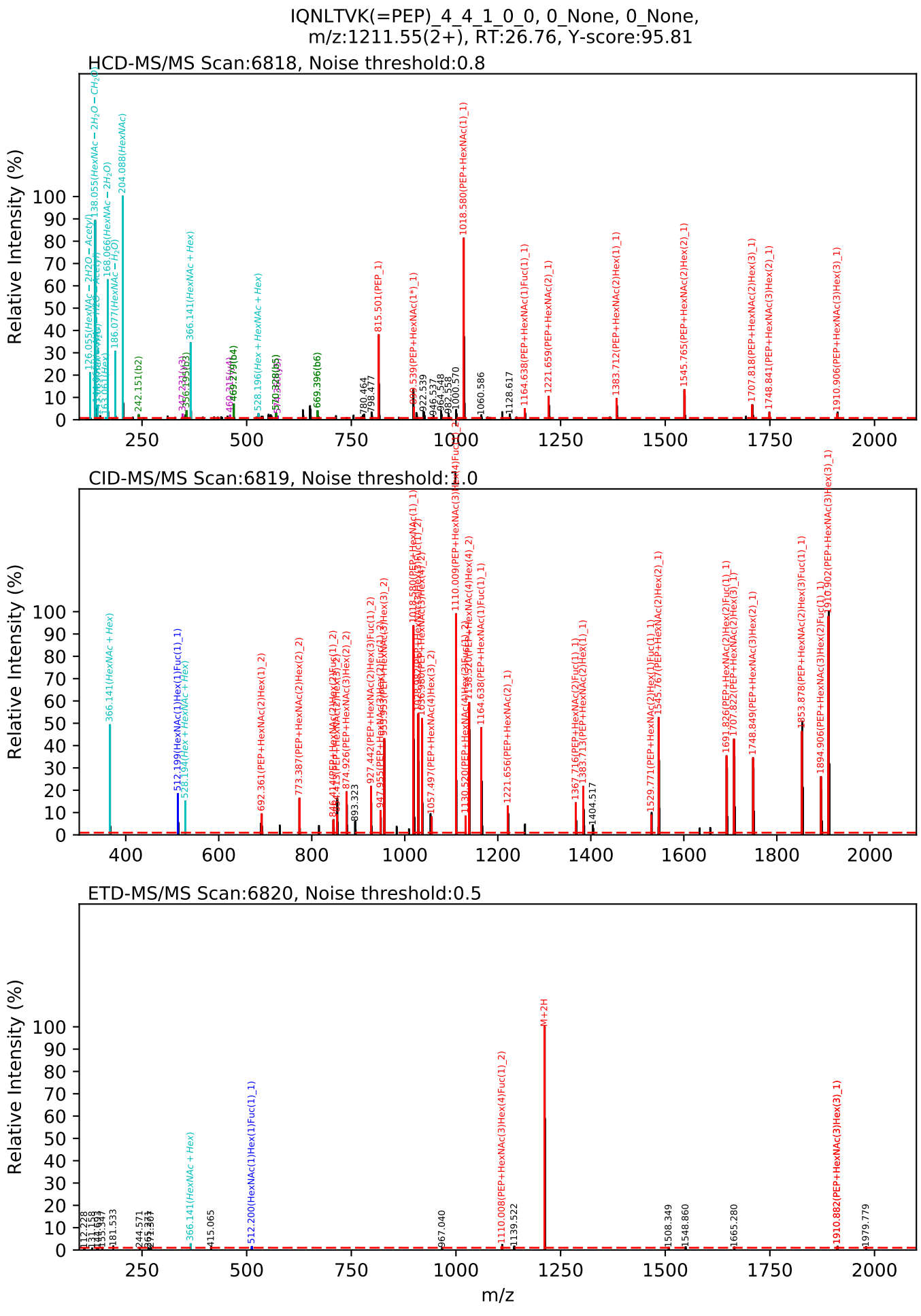

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:808.03(3+), RT:26.81, Y-score:96.57
HCD-MS/MS Scan:6848, Noise threshold:0.5
CID-MS/MS Scan:6849, Noise threshold:0.7
ETD-MS/MS Scan:6850, Noise threshold:1.0
Relative Intensity (%)
m/z

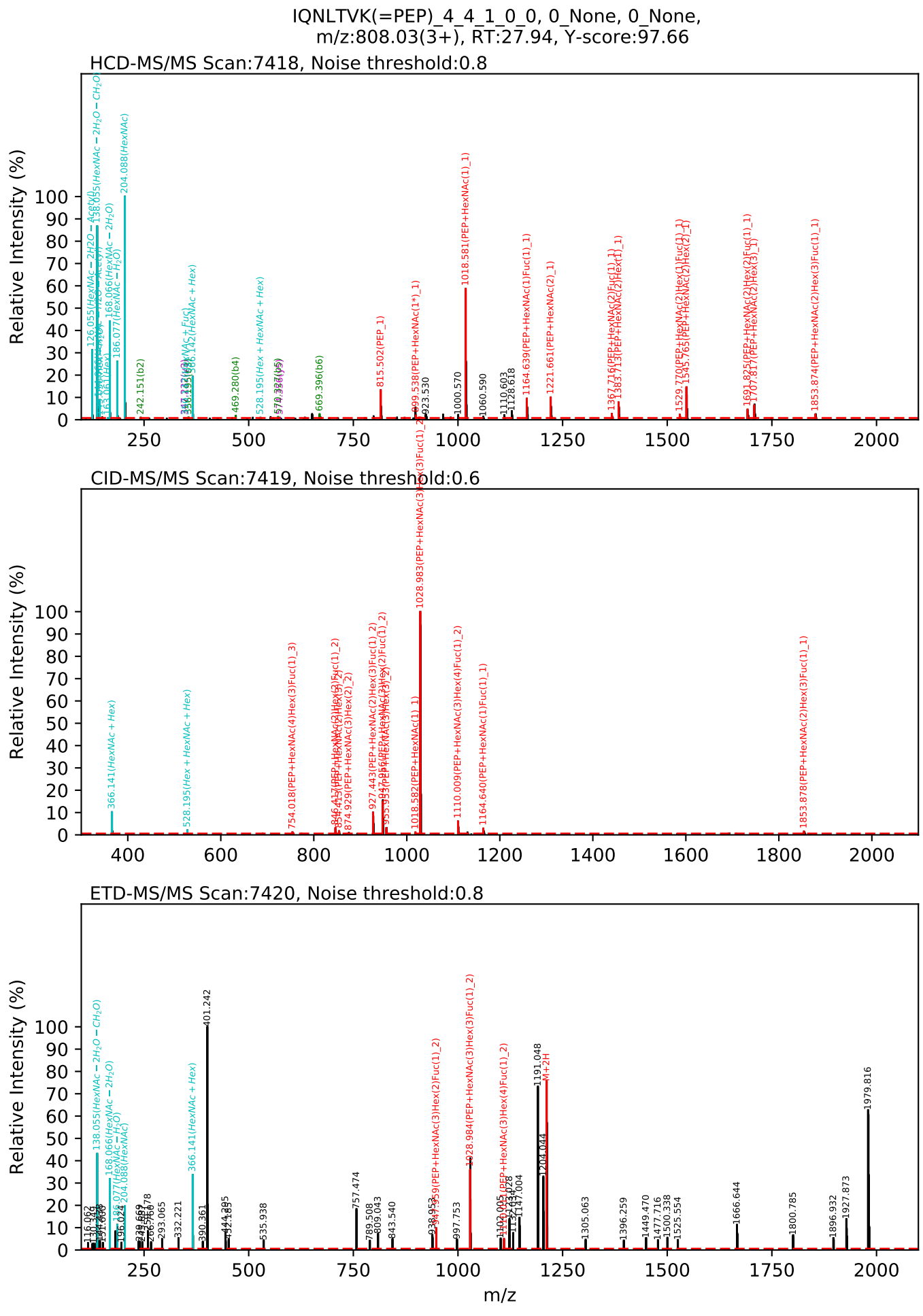

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:36.85, Y-score:90.46
HCD-MS/MS Scan:11847, Noise threshold:0.7
CID-MS/MS Scan:11848, Noise threshold:0.7
ETD-MS/MS Scan:11849, Noise threshold:0.6
Relative Intensity (%)
m/z

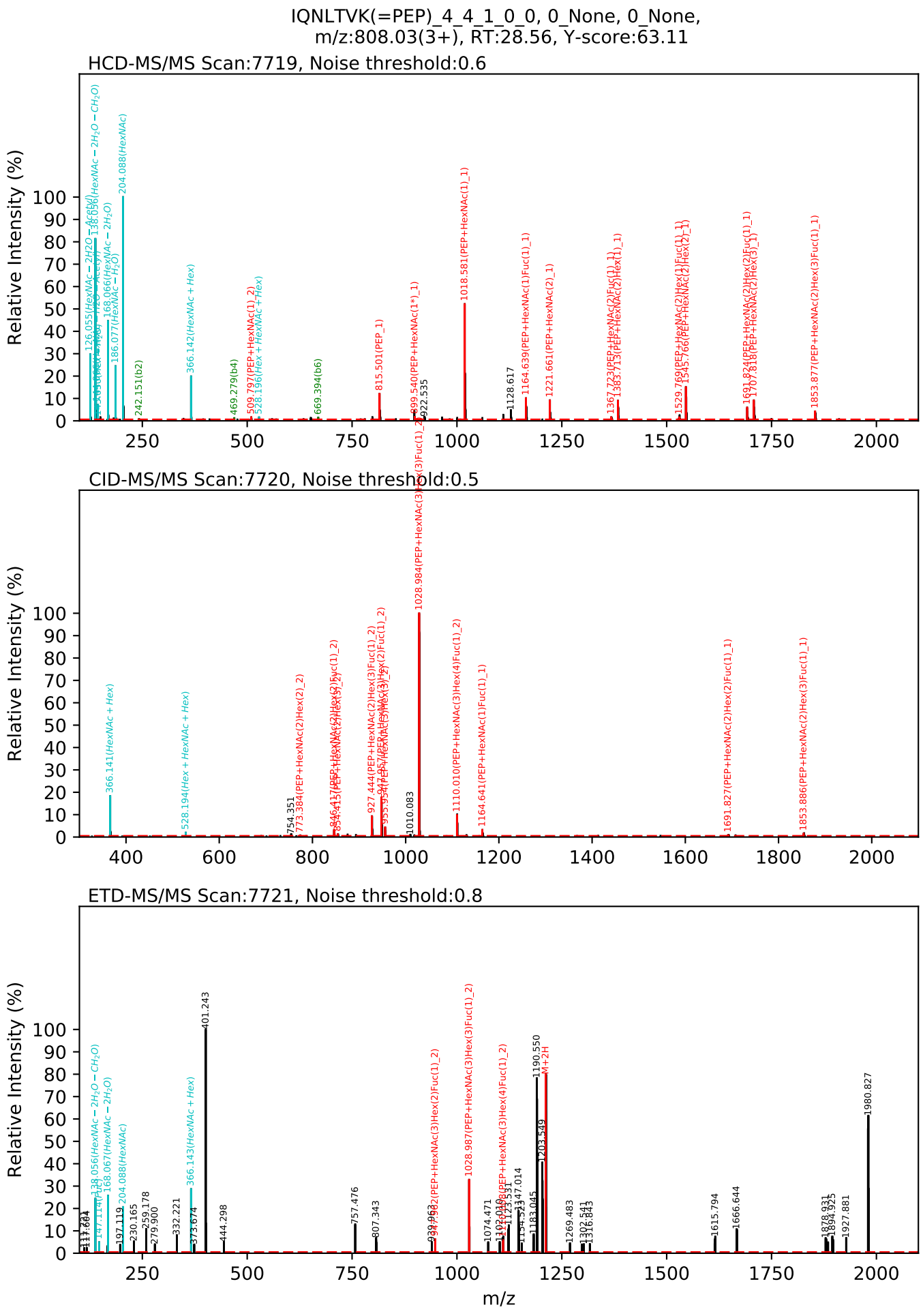

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:26.99, Y-score:87.32
HCD-MS/MS Scan:6936, Noise threshold:0.9
CID-MS/MS Scan:6937, Noise threshold:0.9
ETD-MS/MS Scan:6938, Noise threshold:1.5
Relative Intensity (%)
m/z

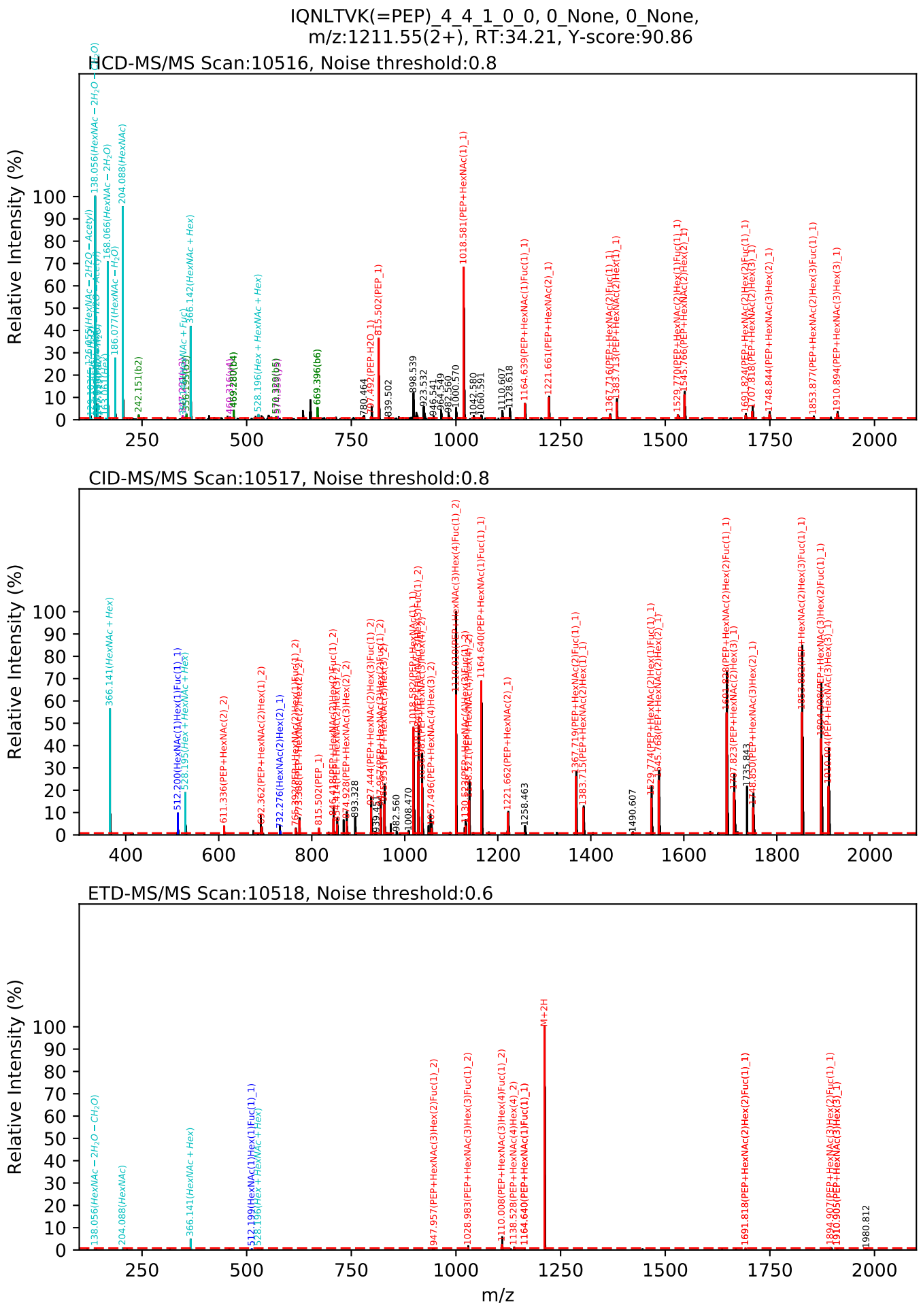

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:27.34, Y-score:94.46
HCD-MS/MS Scan:7115, Noise threshold:0.7
CID-MS/MS Scan:7116, Noise threshold:1.0
ETD-MS/MS Scan:7117, Noise threshold:1.9
Relative Intensity (%)
m/z
M+2H
366.141(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
1018.580(PEP+HexNAc(1)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
1910.893(PEP+HexNAc(3)Hex(3)_1)

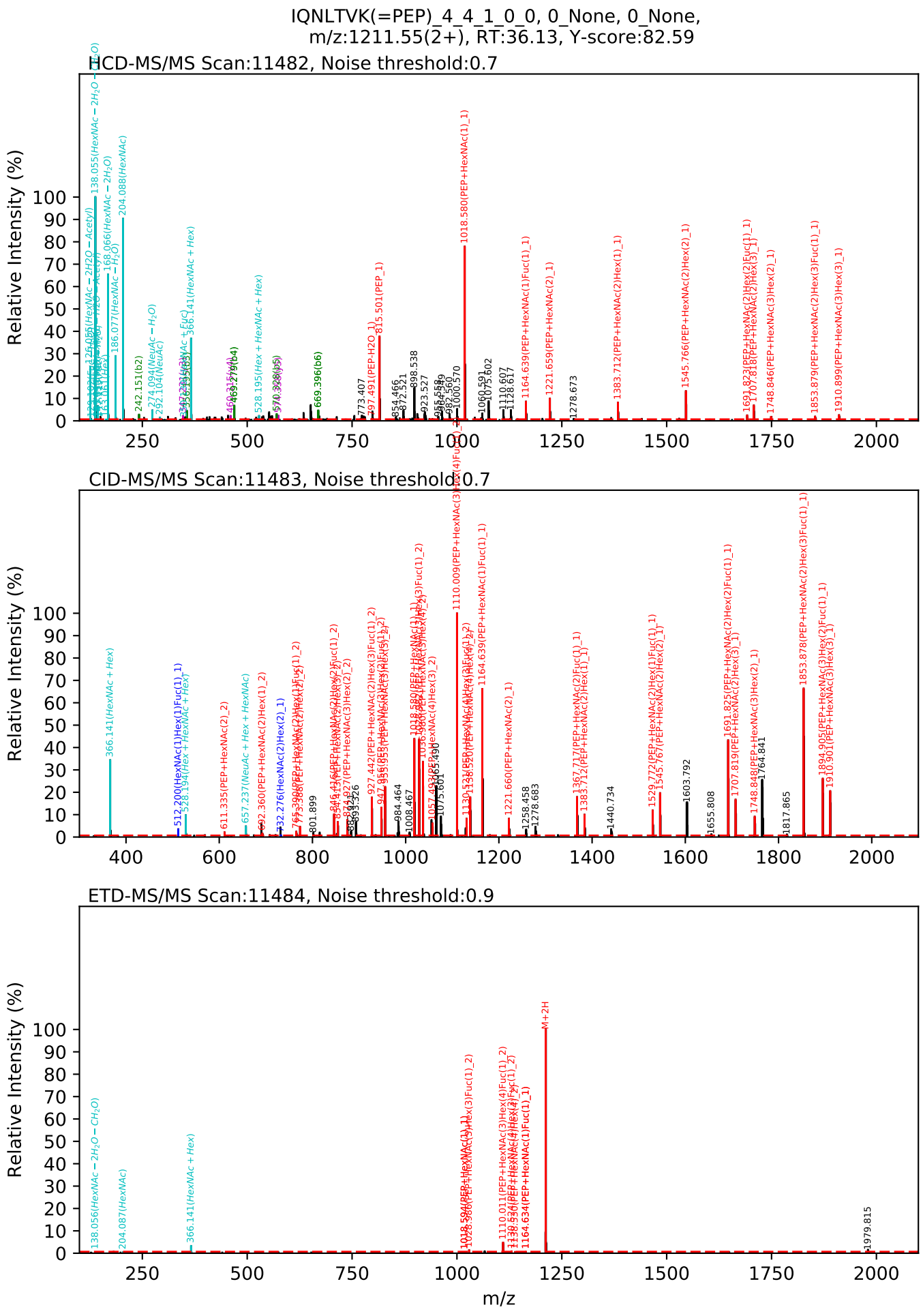

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:26.18, Y-score:91.91
HCD-MS/MS Scan:6527, Noise threshold:0.6
CID-MS/MS Scan:6528, Noise threshold:0.8
ETD-MS/MS Scan:6529, Noise threshold:1.8
Relative Intensity (%)
m/z

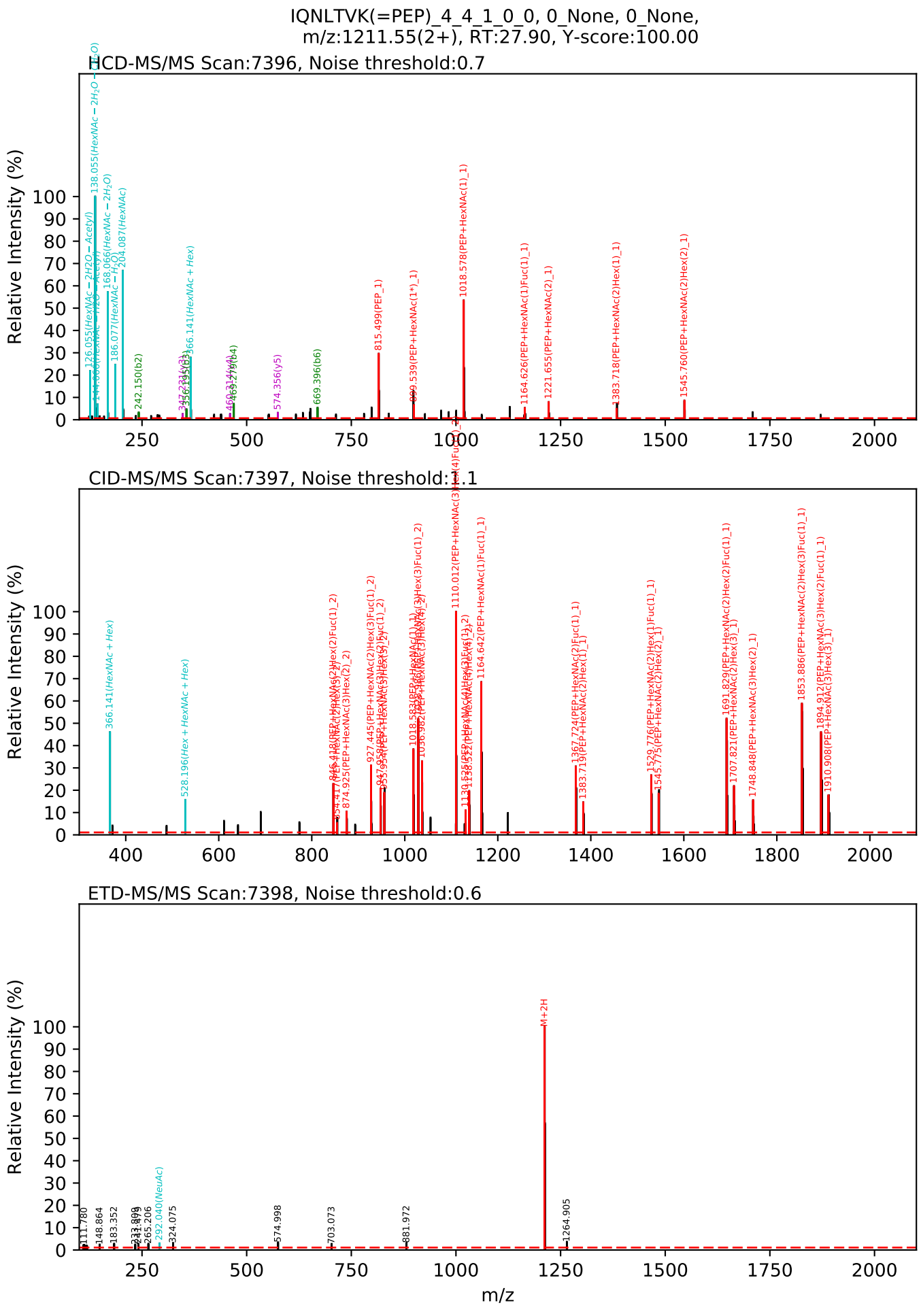

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:26.76, Y-score:95.81
HCD-MS/MS Scan:6818, Noise threshold:0.8
CID-MS/MS Scan:6819, Noise threshold:1.0
ETD-MS/MS Scan:6820, Noise threshold:0.5
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
692.361(PEP+HexNAc(2)Hex(1)_2)
773.387(PEP+HexNAc(2)Hex(2)_2)
874.926(PEP+HexNAc(3)Hex(2)_2)
927.442(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1057.497(PEP+HexNAc(4)Hex(3)_2)
1110.009(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1130.520(PEP+HexNAc(4)Hex(3)Fuc(1)_2)
1164.638(PEP+HexNAc(4)Hex(4)_2)
1221.656(PEP+HexNAc(1)Fuc(1)_1)
1221.656(PEP+HexNAc(2)_1)
1367.716(PEP+HexNAc(2)Fuc(1)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1404.517
1529.771(PEP+HexNAc(2)Hex(1)Fuc(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1691.826(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1853.878(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1894.906(PEP+HexNAc(3)Hex(2)Fuc(1)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
M+2H
1910.882(PEP+HexNAc(3)Hex(3)_1)
1979.779
1665.280
1548.860
1508.349
1139.522
1110.008(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
967.040
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
415.065
366.141(HexNAc + Hex)
181.533

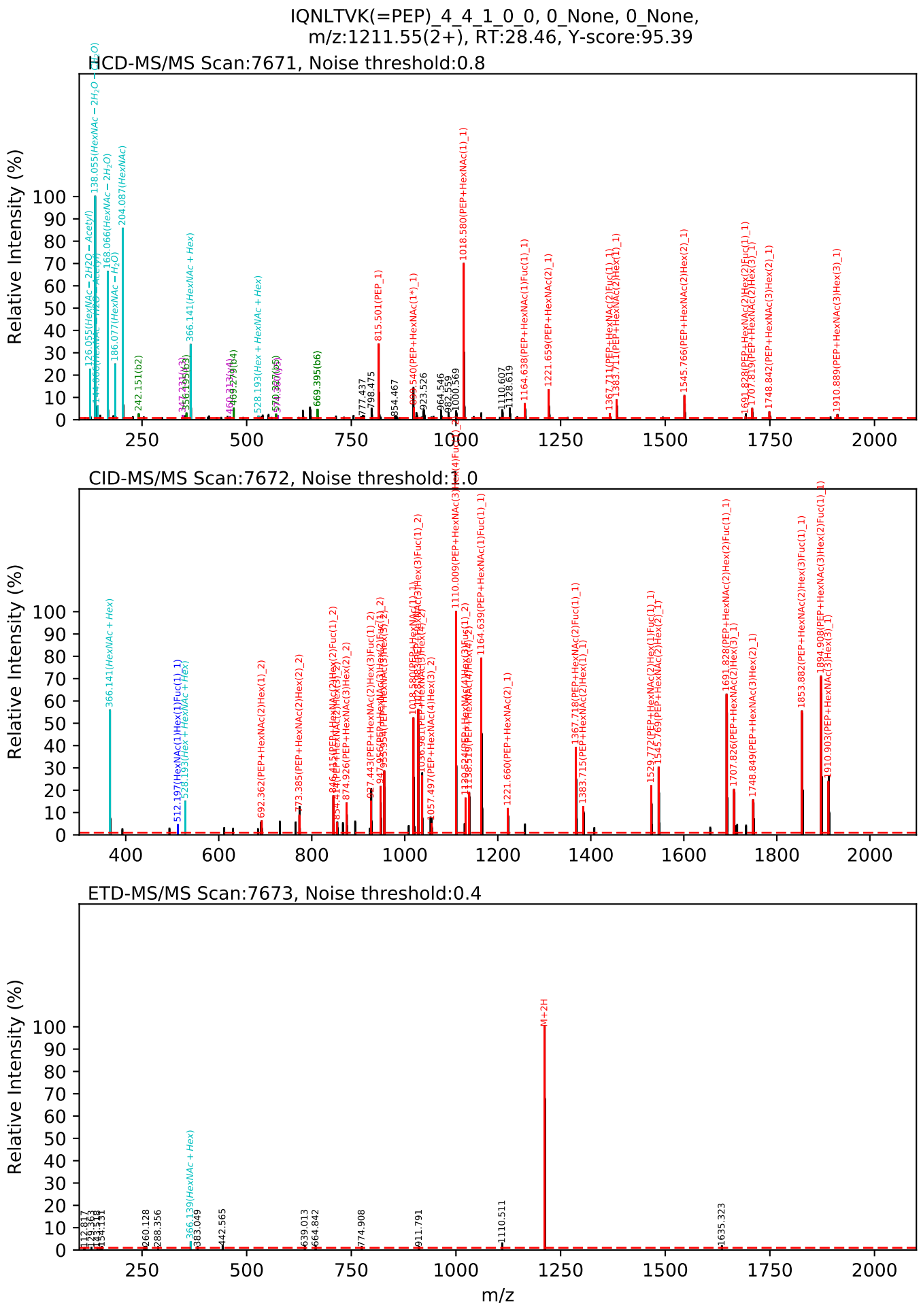

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:808.03(3+), RT:27.94, Y-score:97.66
HCD-MS/MS Scan:7418, Noise threshold:0.8
CID-MS/MS Scan:7419, Noise threshold:0.6
ETD-MS/MS Scan:7420, Noise threshold:0.8
Relative Intensity (%)
m/z

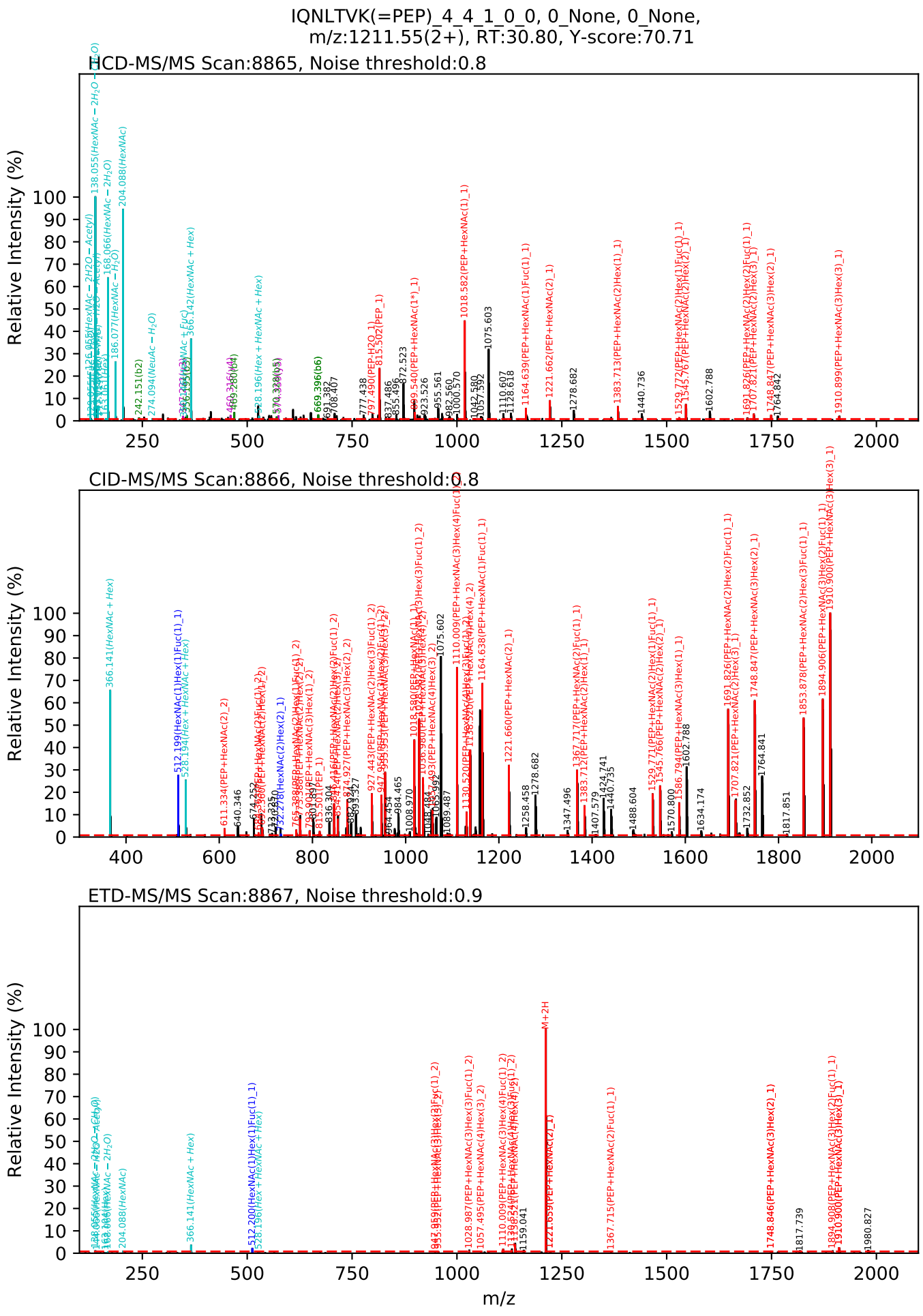

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:808.03(3+), RT:28.56, Y-score:63.11
HCD-MS/MS Scan:7719, Noise threshold:0.6
Relative Intensity (%)
204.088(HexNAc)
366.142(HexNAc + Hex)
242.151(b2)
469.279(b4)
669.394(b6)
815.501(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.661(PEP+HexNAc(2)_1)
1853.877(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
CID-MS/MS Scan:7720, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
754.351
773.384(PEP+HexNAc(2)Hex(2)_2)
927.444(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1028.984(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
1010.083
1110.010(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.641(PEP+HexNAc(1)Fuc(1)_1)
1691.827(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1853.886(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
ETD-MS/MS Scan:7721, Noise threshold:0.8
Relative Intensity (%)
366.143(HexNAc + Hex)
401.243
757.476
807.343
1028.987(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
1190.550
M+2H
1980.827
m/z

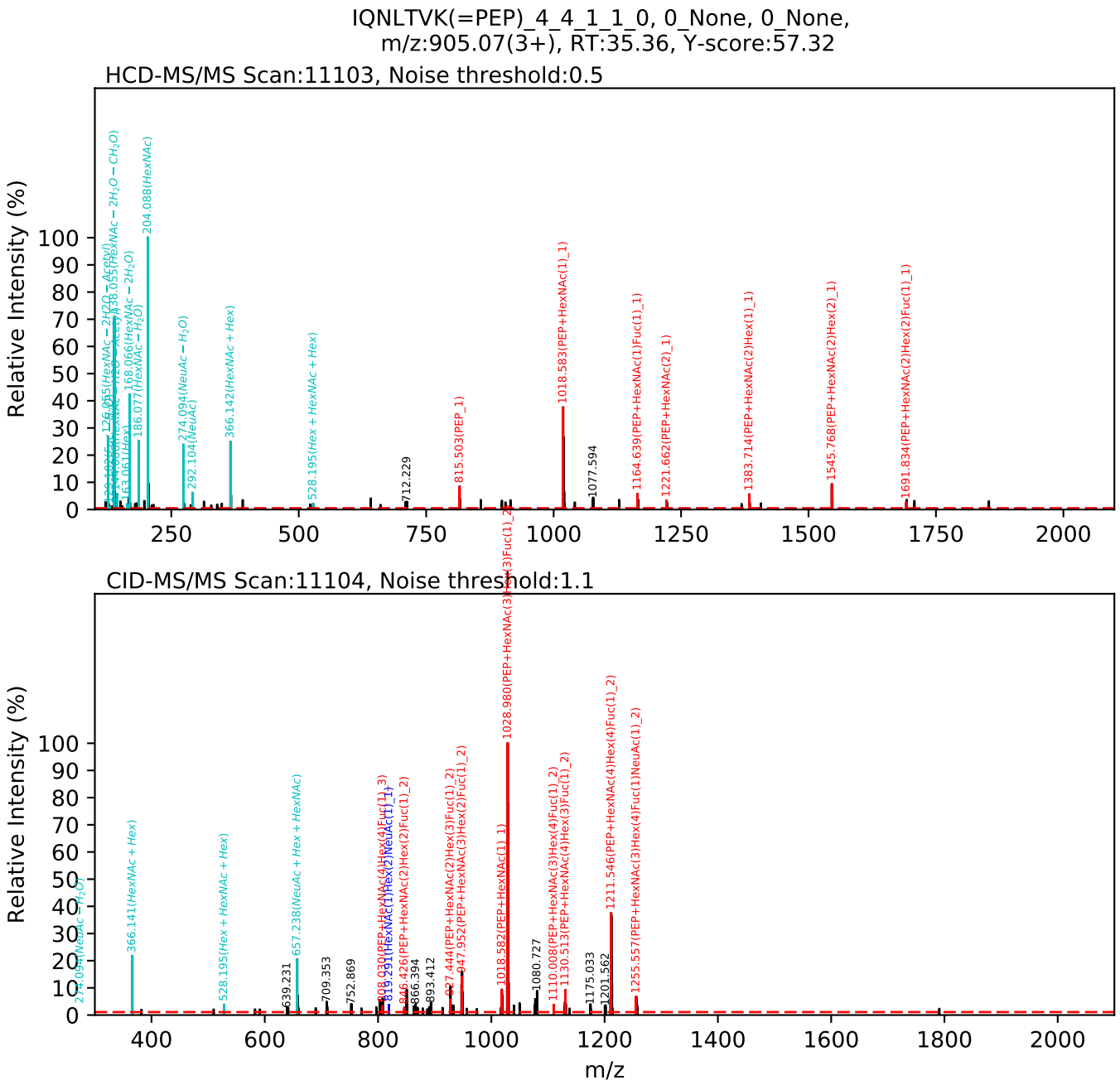

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:34.21, Y-score:90.86
HCD-MS/MS Scan:10516, Noise threshold:0.8
CID-MS/MS Scan:10517, Noise threshold:0.8
ETD-MS/MS Scan:10518, Noise threshold:0.6
Relative Intensity (%)
m/z

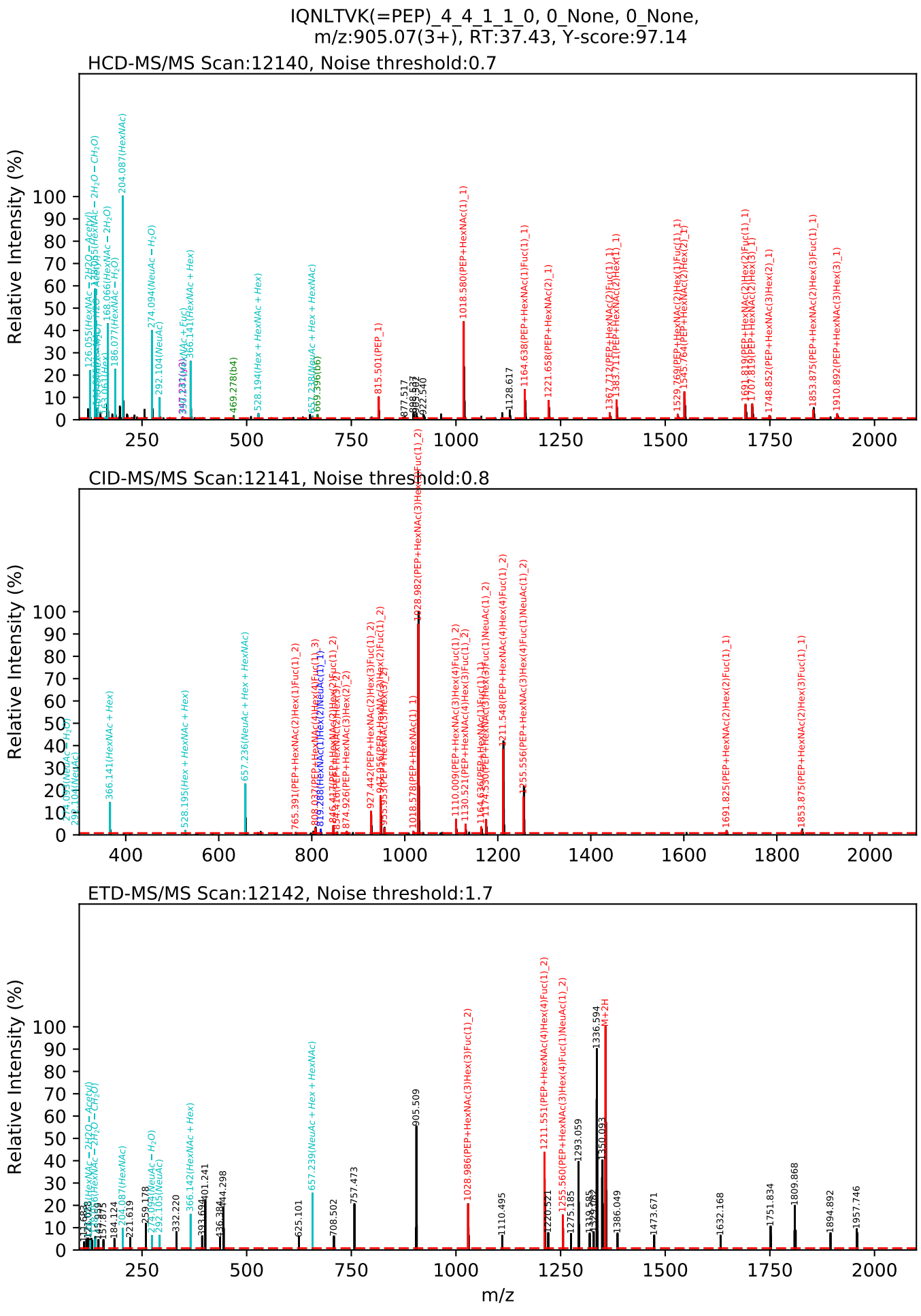

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:36.13, Y-score:82.59
HCD-MS/MS Scan:11482, Noise threshold:0.7
CID-MS/MS Scan:11483, Noise threshold:0.7
ETD-MS/MS Scan:11484, Noise threshold:0.9
Relative Intensity (%)
m/z

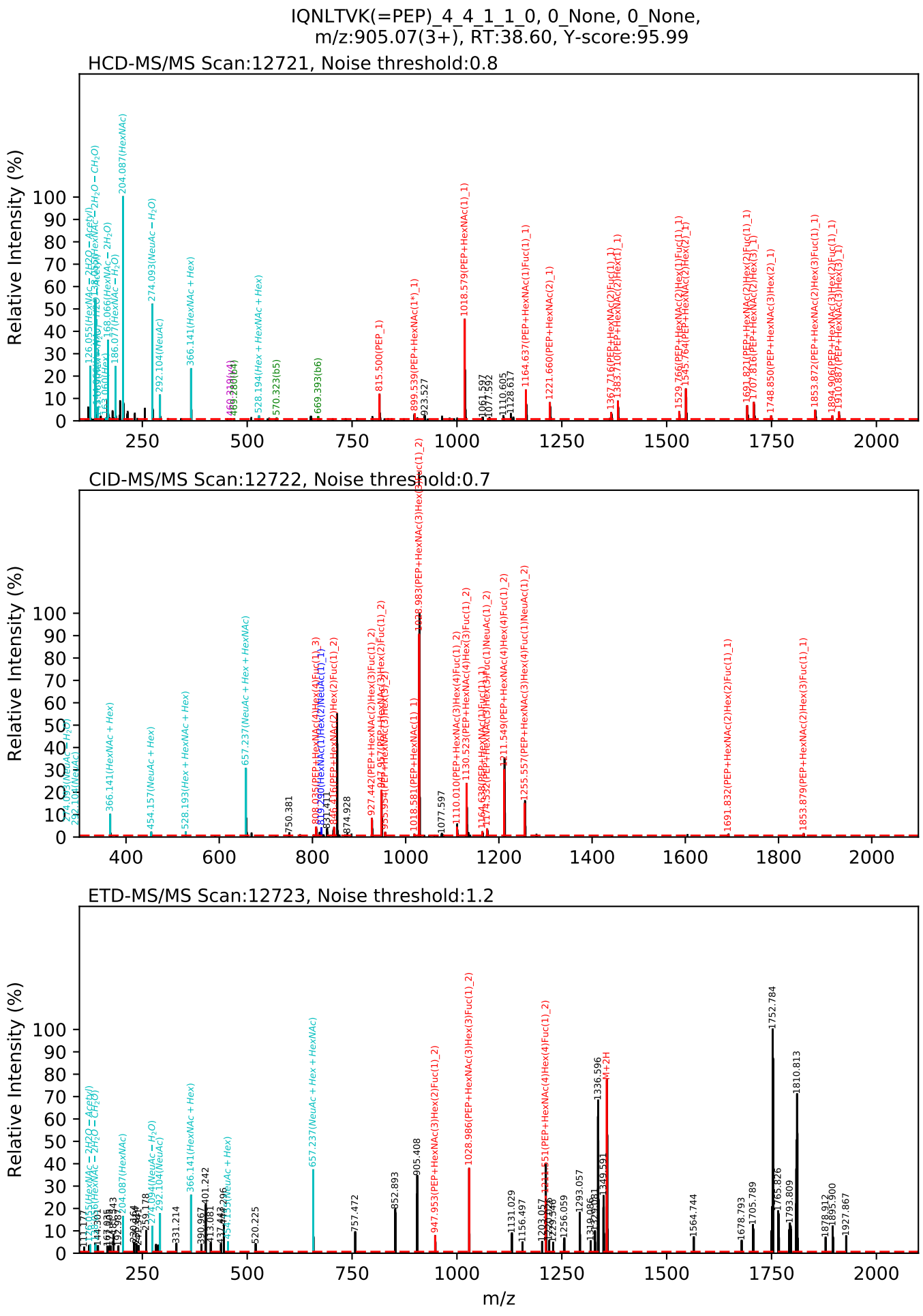

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:27.90, Y-score:100.00
HCD-MS/MS Scan:7396, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − H2O − Acetyl)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.150(b2)
247.231(y3)
356.195(b3)
366.141(HexNAc + Hex)
460.314(y4)
469.279(b4)
574.356(y5)
669.396(b6)
815.499(PEP_1)
899.539(PEP+HexNAc(1*)_1)
1018.578(PEP+HexNAc(1)_1)
1164.626(PEP+HexNAc(1)Fuc(1)_1)
1221.655(PEP+HexNAc(2)_1)
1383.718(PEP+HexNAc(2)Hex(1)_1)
1545.760(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:7397, Noise threshold:1.1
Relative Intensity (%)
366.141(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
874.925(PEP+HexNAc(3)Hex(2)_2)
927.445(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1018.582(PEP+HexNAc(3)Hex(3)Fuc(1)_2)
1110.012(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.642(PEP+HexNAc(1)Fuc(1)_1)
1383.719(PEP+HexNAc(2)Hex(1)_1)
1545.775(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.848(PEP+HexNAc(3)Hex(2)_1)
1853.886(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.908(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:7398, Noise threshold:0.6
Relative Intensity (%)
111.780
148.864
183.352
292.040(NeuAc)
324.075
574.998
703.073
881.972
M+2H
1264.905
m/z

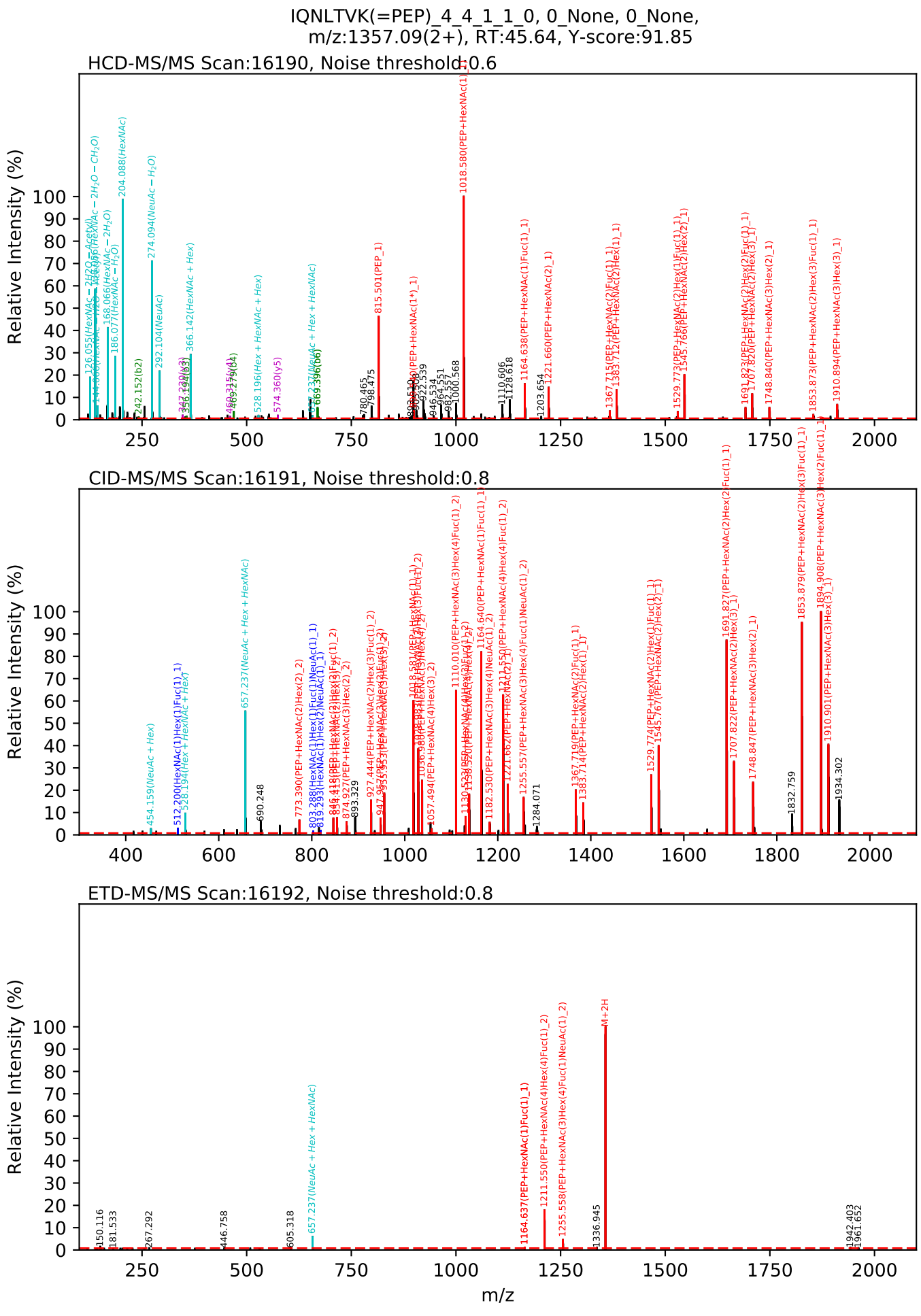

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:28.46, Y-score:95.39
HCD-MS/MS Scan:7671, Noise threshold:0.8
CID-MS/MS Scan:7672, Noise threshold:1.0
ETD-MS/MS Scan:7673, Noise threshold:0.4
Relative Intensity (%)
m/z
M+2H

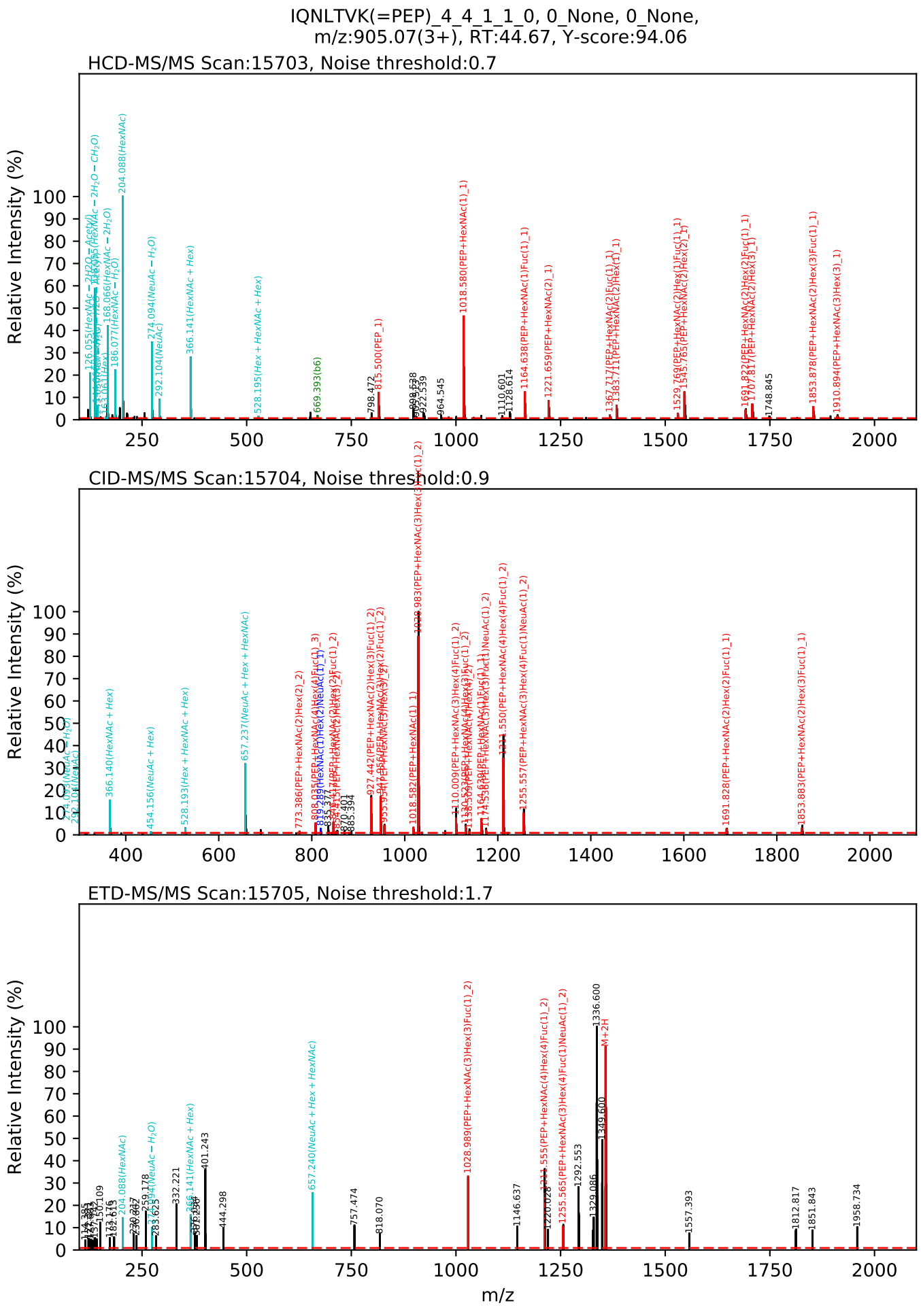

IQNLTVK(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1211.55(2+), RT:30.80, Y-score:70.71
HCD-MS/MS Scan:8865, Noise threshold:0.8
CID-MS/MS Scan:8866, Noise threshold:0.8
ETD-MS/MS Scan:8867, Noise threshold:0.9
Relative Intensity (%)
m/z

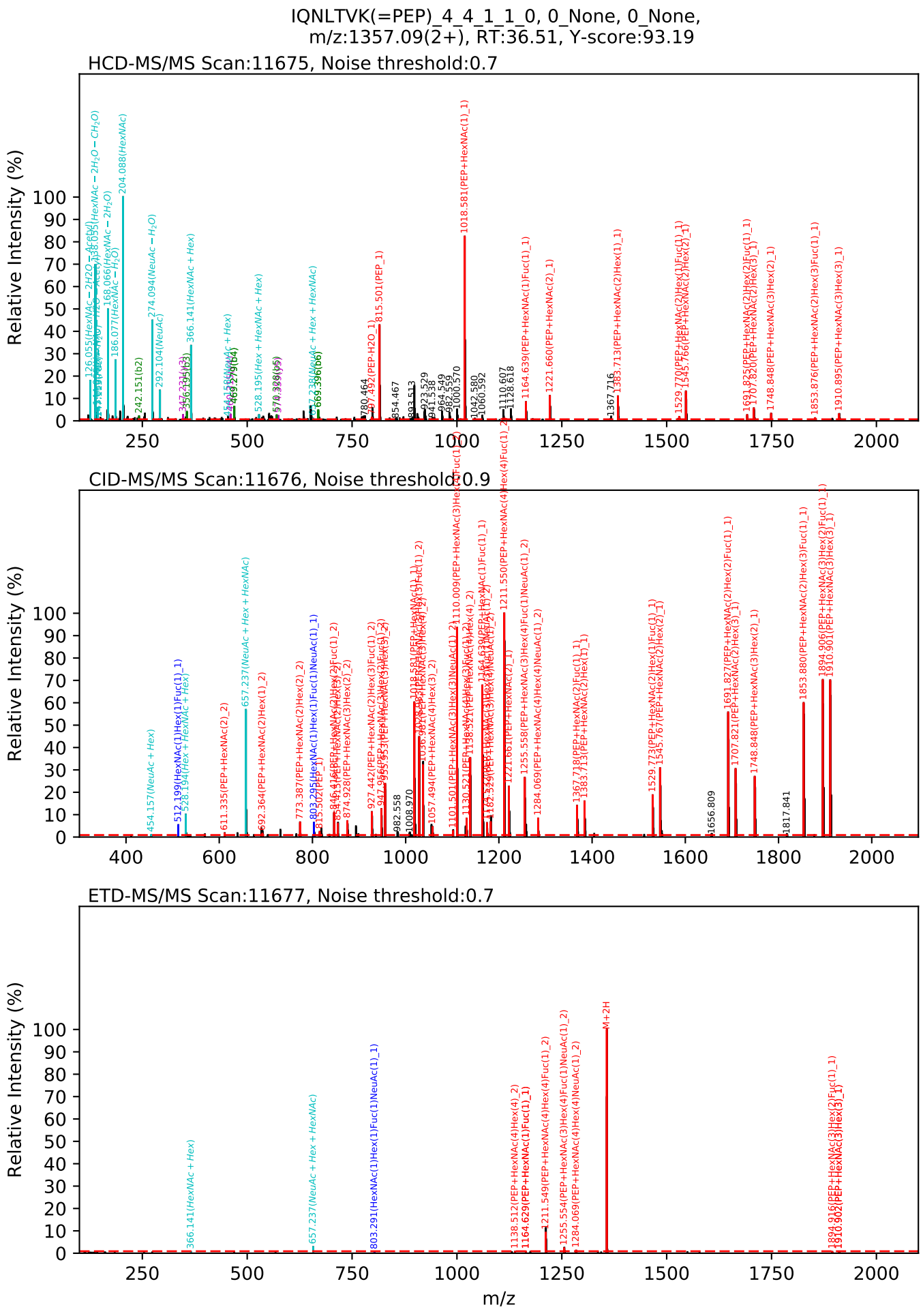

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.07(3+), RT:35.36, Y-score:57.32
HCD-MS/MS Scan:11103, Noise threshold:0.5
Relative Intensity (%)
204.088(HexNAc)
186.077(HexNAc − H2O)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.142(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
712.229
815.503(PEP_1)
1018.583(PEP+HexNAc(1)_1)
1077.594
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1691.834(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
CID-MS/MS Scan:11104, Noise threshold:1.1
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
639.231
657.238(NeuAc + Hex + HexNAc)
709.353
752.869
866.394
893.412
1018.582(PEP+HexNAc(3)_1)
1028.980(PEP+HexNAc(3)Fuc(1)_1)
1080.727
1175.033
1201.562
1211.546(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1255.557(PEP+HexNAc(3)Hex(4)Fuc(1)NeuAc(1)_2)
m/z

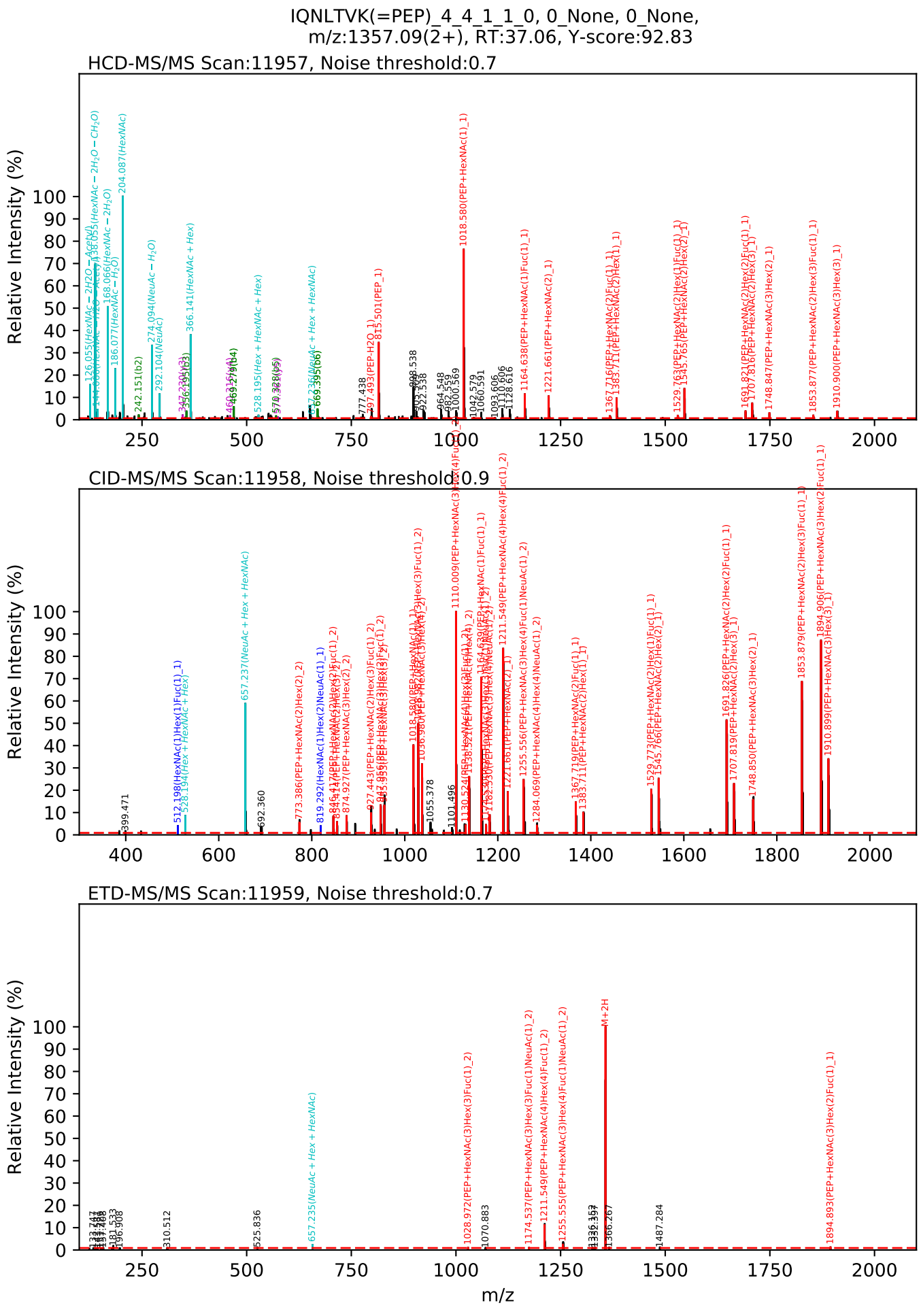

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.07(3+), RT:37.43, Y-score:97.14
HCD-MS/MS Scan:12140, Noise threshold:0.7
CID-MS/MS Scan:12141, Noise threshold:0.8
ETD-MS/MS Scan:12142, Noise threshold:1.7
Relative Intensity (%)
m/z

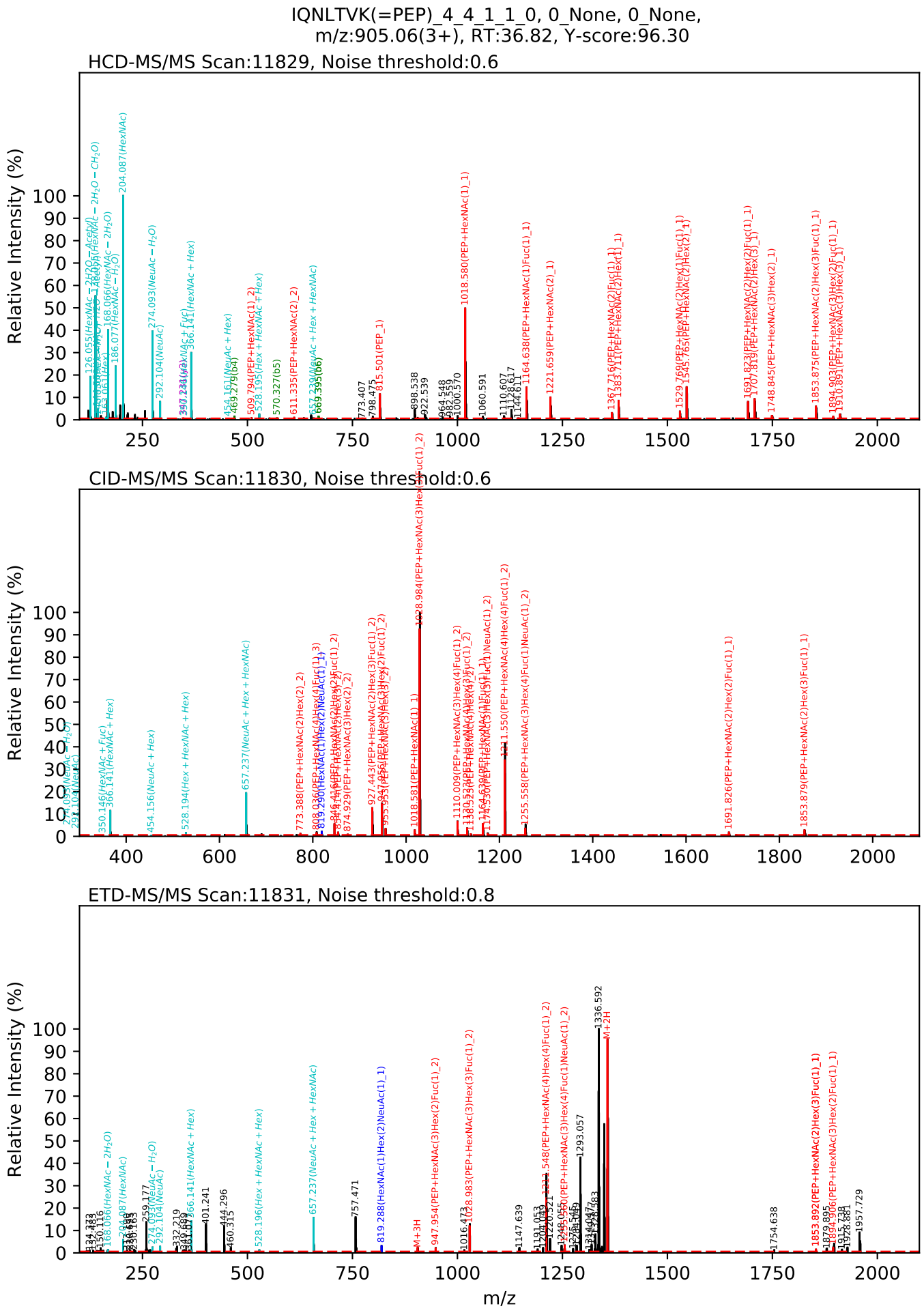

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.07(3+), RT:38.60, Y-score:95.99
HCD-MS/MS Scan:12721, Noise threshold:0.8
CID-MS/MS Scan:12722, Noise threshold:0.7
ETD-MS/MS Scan:12723, Noise threshold:1.2
Relative Intensity (%)
m/z

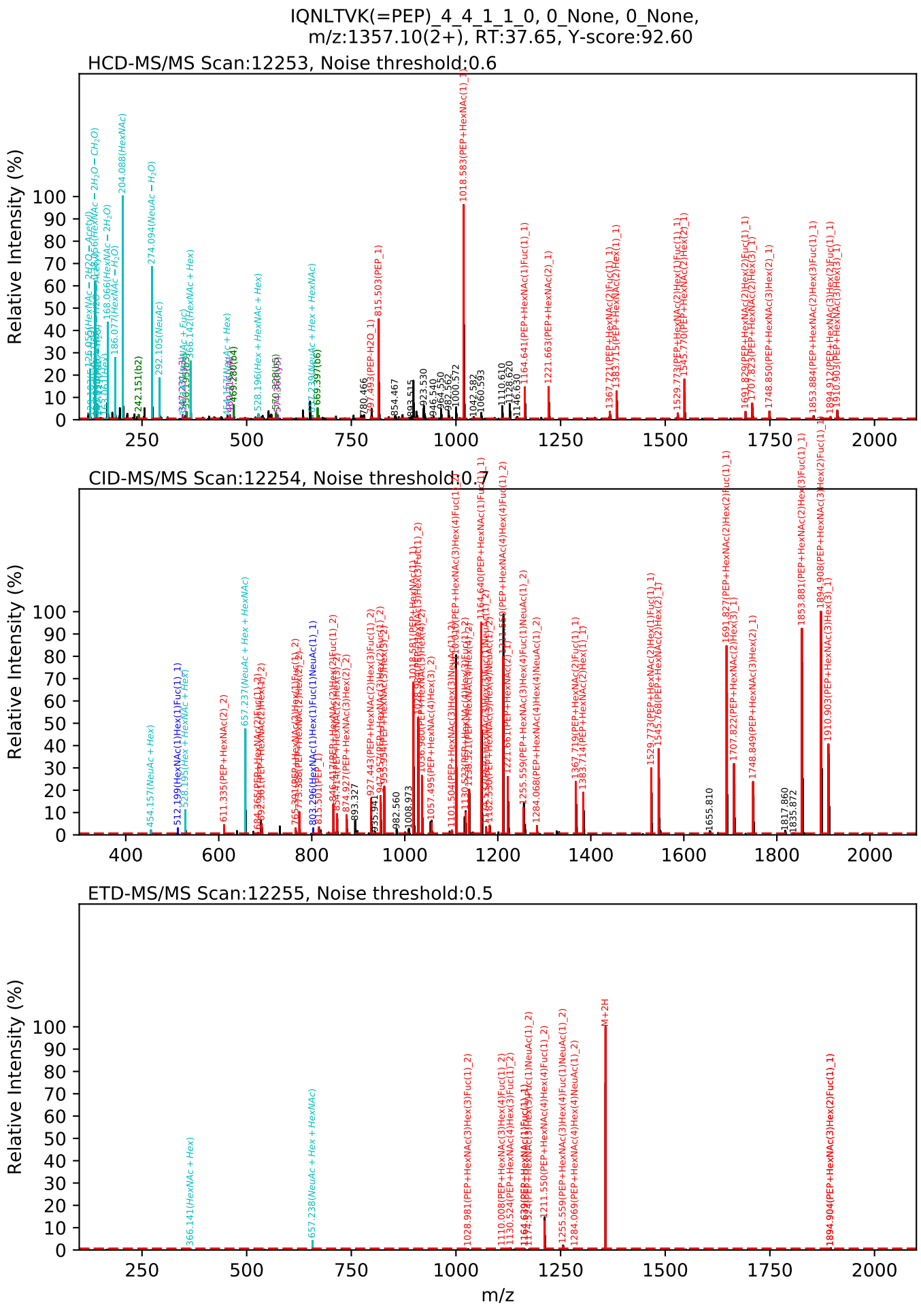

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.09(2+), RT:45.64, Y-score:91.85
HCD-MS/MS Scan:16190, Noise threshold:0.6
CID-MS/MS Scan:16191, Noise threshold:0.8
ETD-MS/MS Scan:16192, Noise threshold:0.8
Relative Intensity (%)
m/z

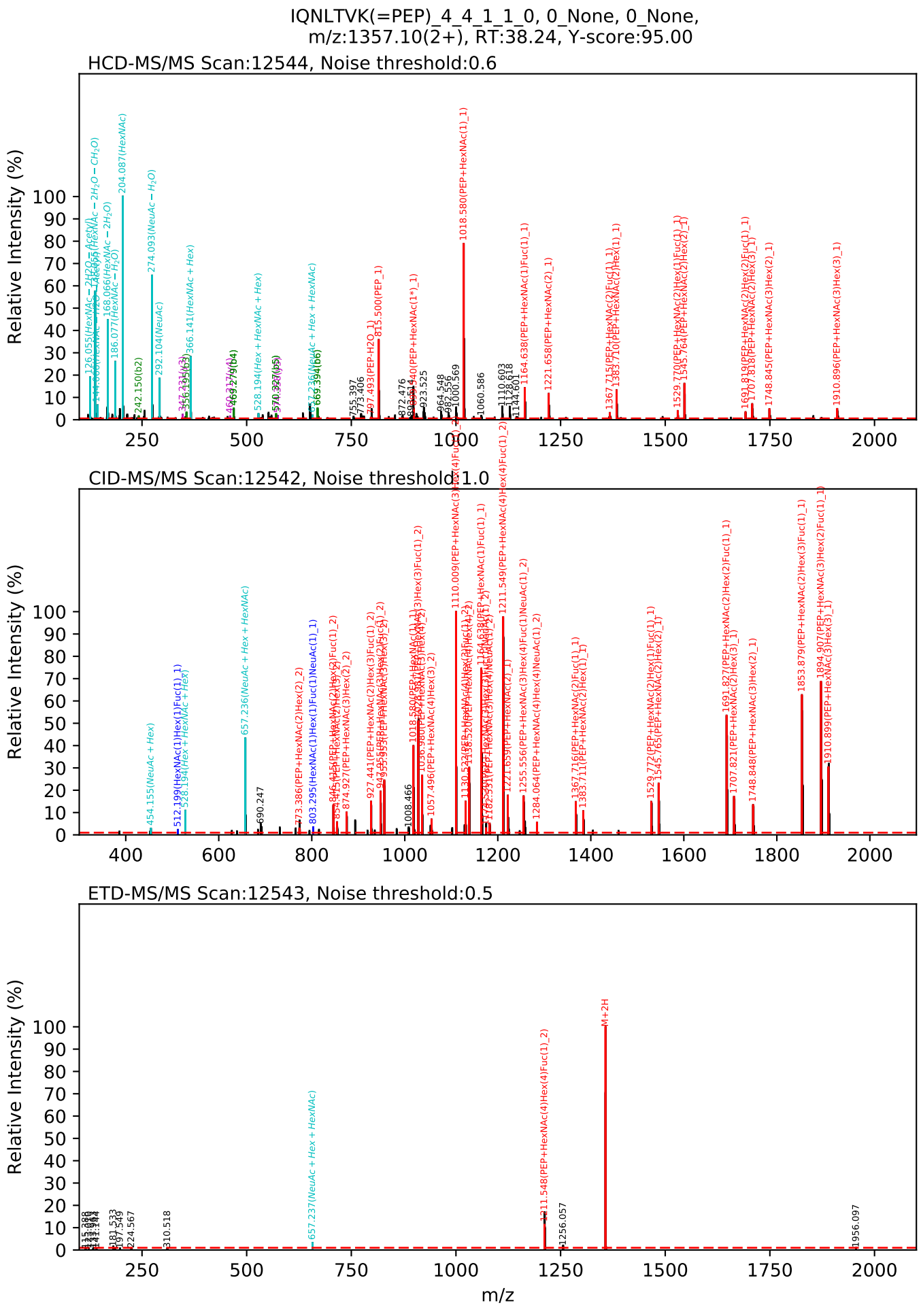

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.07(3+), RT:44.67, Y-score:94.06
HCD-MS/MS Scan:15703, Noise threshold:0.7
CID-MS/MS Scan:15704, Noise threshold:0.9
ETD-MS/MS Scan:15705, Noise threshold:1.7
Relative Intensity (%)
m/z

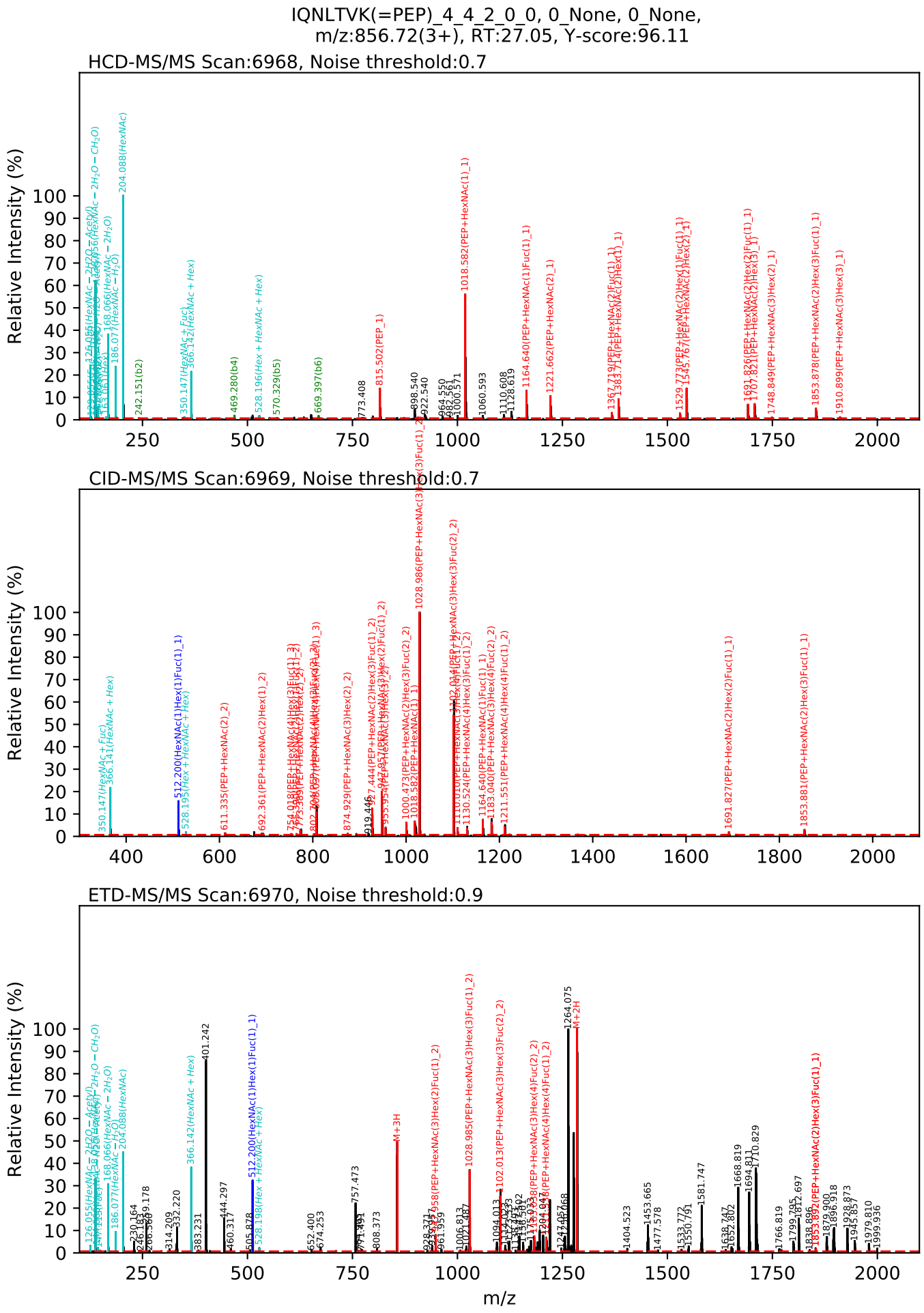

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.09(2+), RT:36.51, Y-score:93.19
HCD-MS/MS Scan:11675, Noise threshold:0.7
CID-MS/MS Scan:11676, Noise threshold:0.9
ETD-MS/MS Scan:11677, Noise threshold:0.7
Relative Intensity (%)
m/z

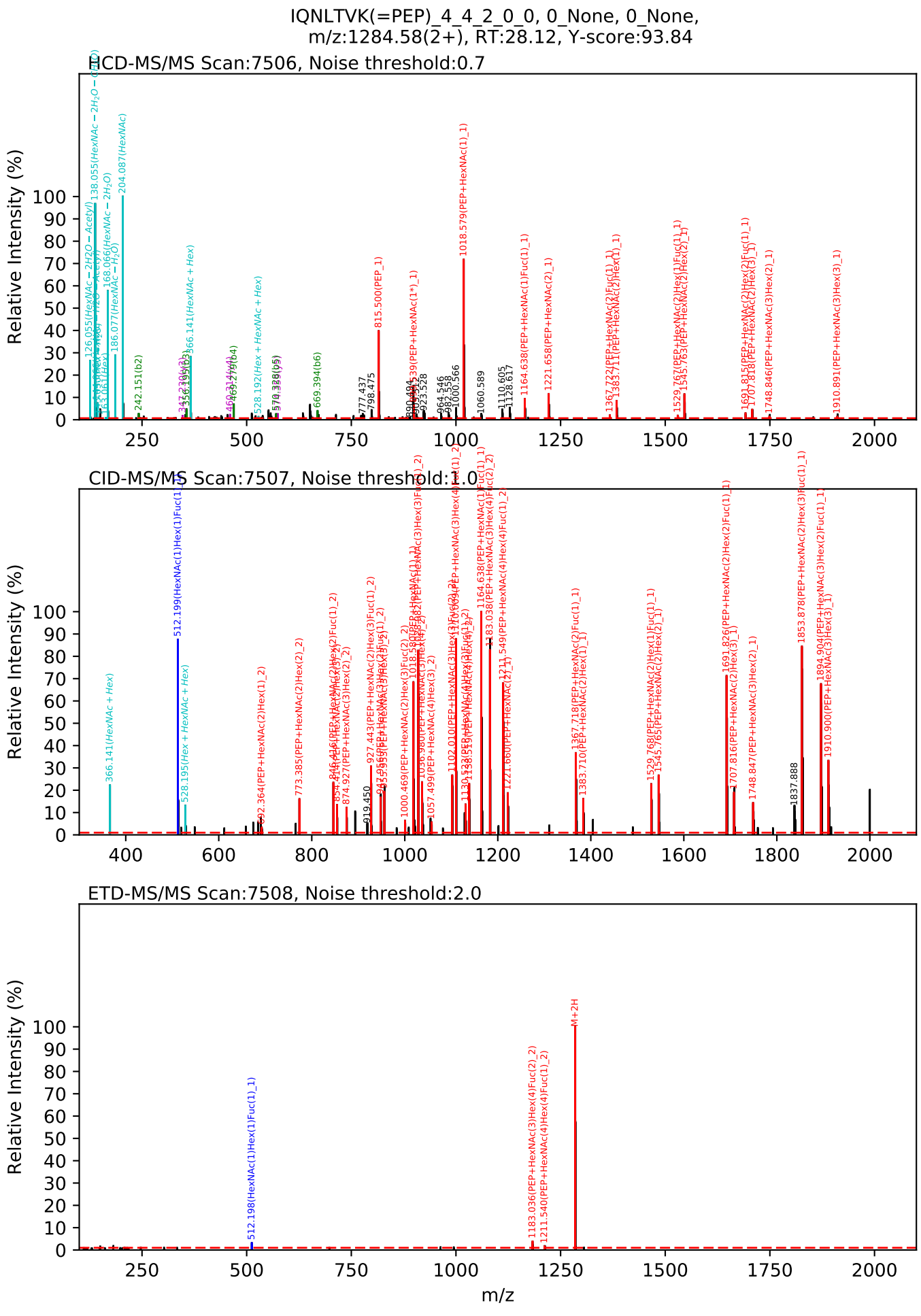

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.09(2+), RT:37.06, Y-score:92.83
HCD-MS/MS Scan:11957, Noise threshold:0.7
CID-MS/MS Scan:11958, Noise threshold:0.9
ETD-MS/MS Scan:11959, Noise threshold:0.7
Relative Intensity (%)
m/z

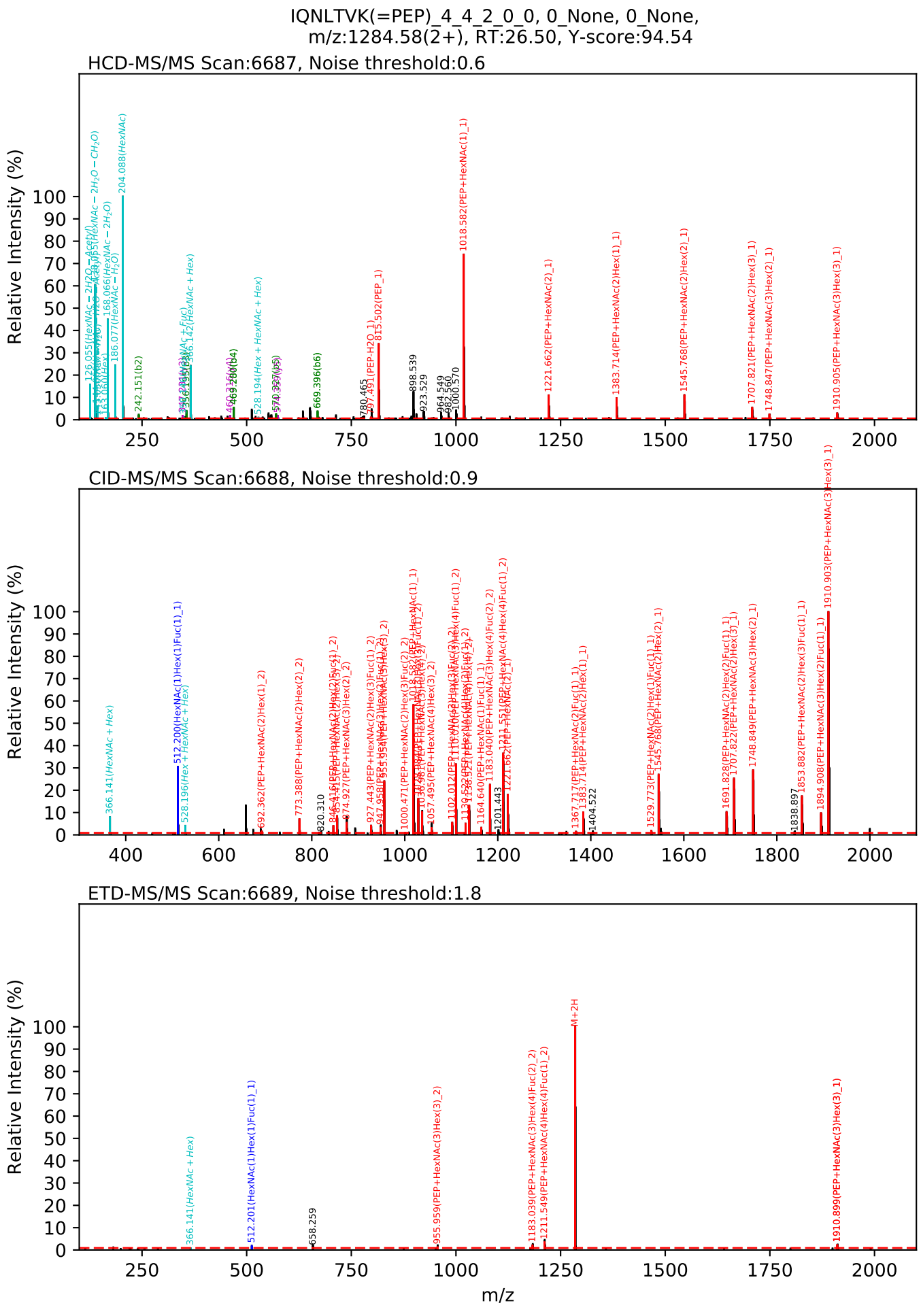

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:905.06(3+), RT:36.82, Y-score:96.30
HCD-MS/MS Scan:11829, Noise threshold:0.6
CID-MS/MS Scan:11830, Noise threshold:0.6
ETD-MS/MS Scan:11831, Noise threshold:0.8
Relative Intensity (%)
m/z

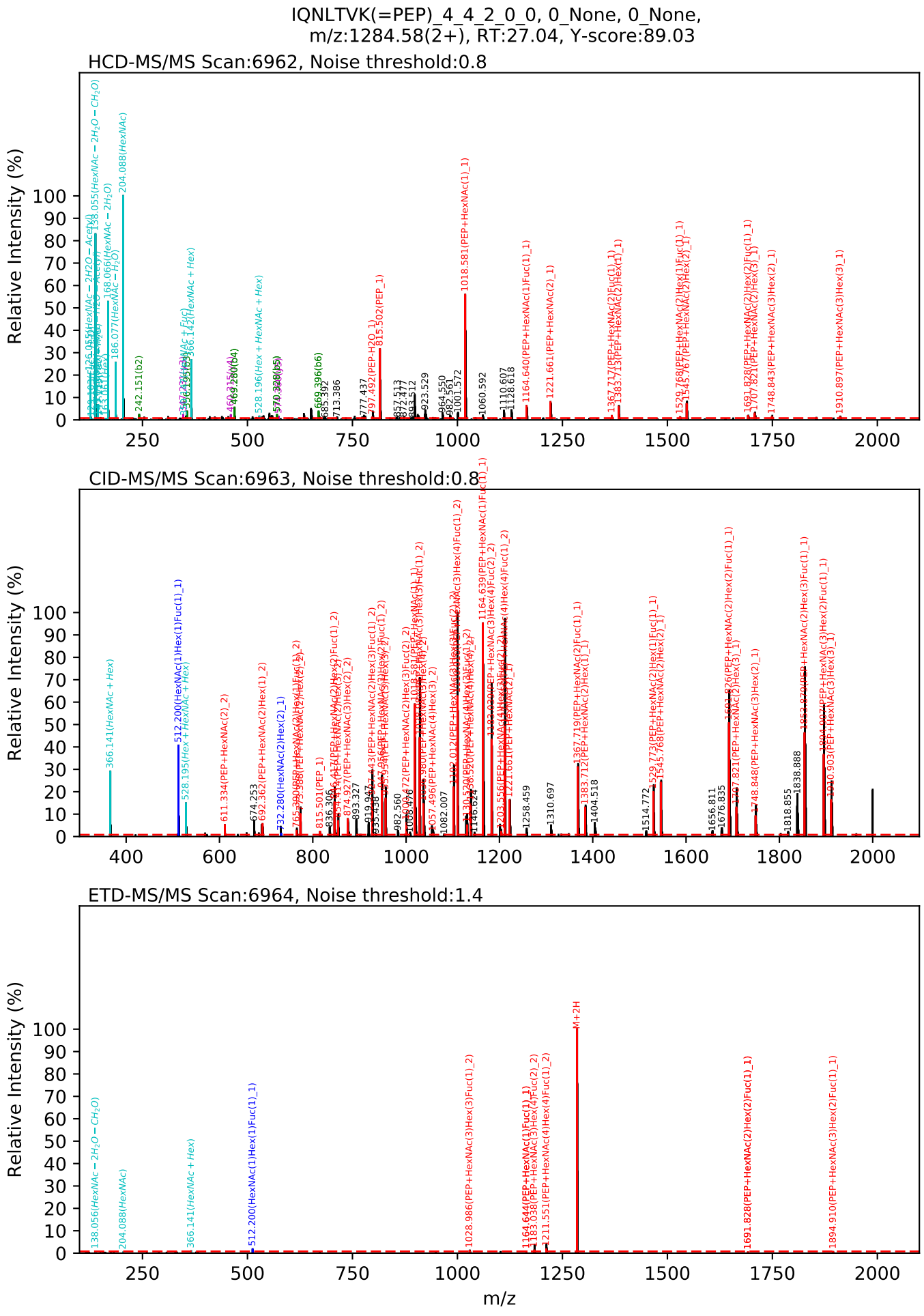

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.10(2+), RT:37.65, Y-score:92.60
HCD-MS/MS Scan:12253, Noise threshold:0.6
CID-MS/MS Scan:12254, Noise threshold:0.7
ETD-MS/MS Scan:12255, Noise threshold:0.5
Relative Intensity (%)
m/z

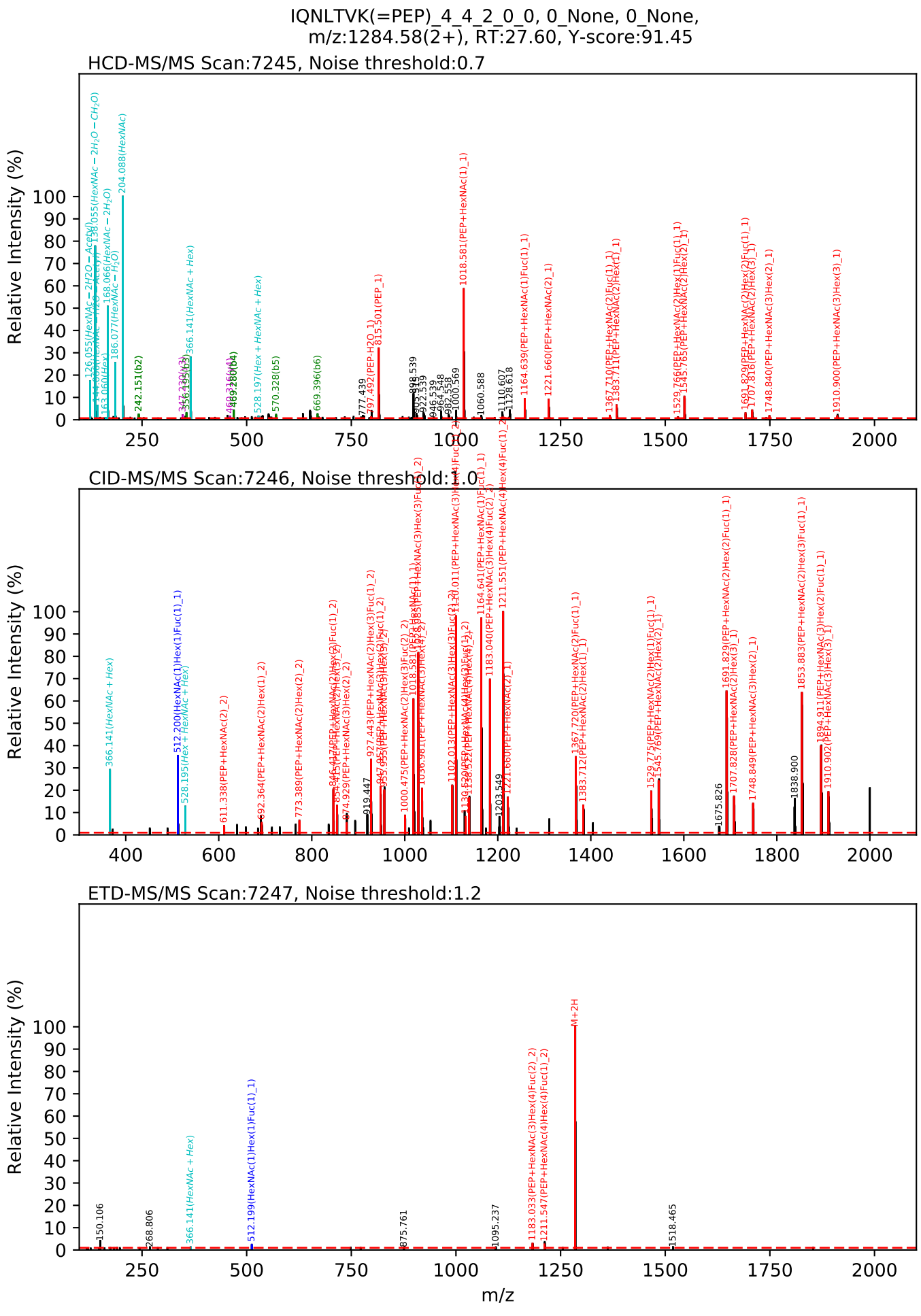

IQNLTVK(=PEP)_4_4_1_1_0, 0_None, 0_None,
m/z:1357.10(2+), RT:38.24, Y-score:95.00
HCD-MS/MS Scan:12544, Noise threshold:0.6
CID-MS/MS Scan:12542, Noise threshold:1.0
ETD-MS/MS Scan:12543, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

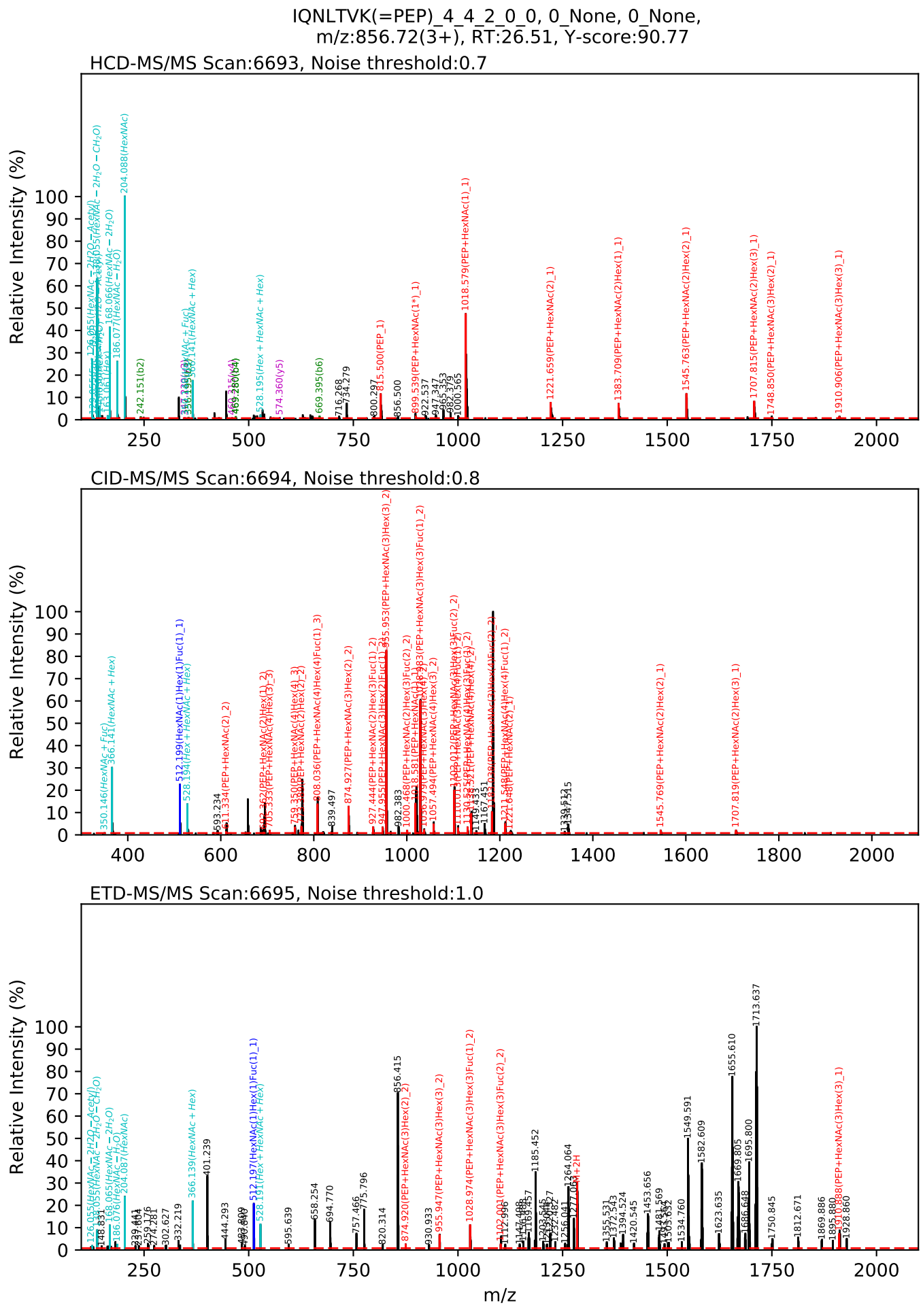

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:856.72(3+), RT:27.05, Y-score:96.11
HCD-MS/MS Scan:6968, Noise threshold:0.7
CID-MS/MS Scan:6969, Noise threshold:0.7
ETD-MS/MS Scan:6970, Noise threshold:0.9
Relative Intensity (%)
m/z

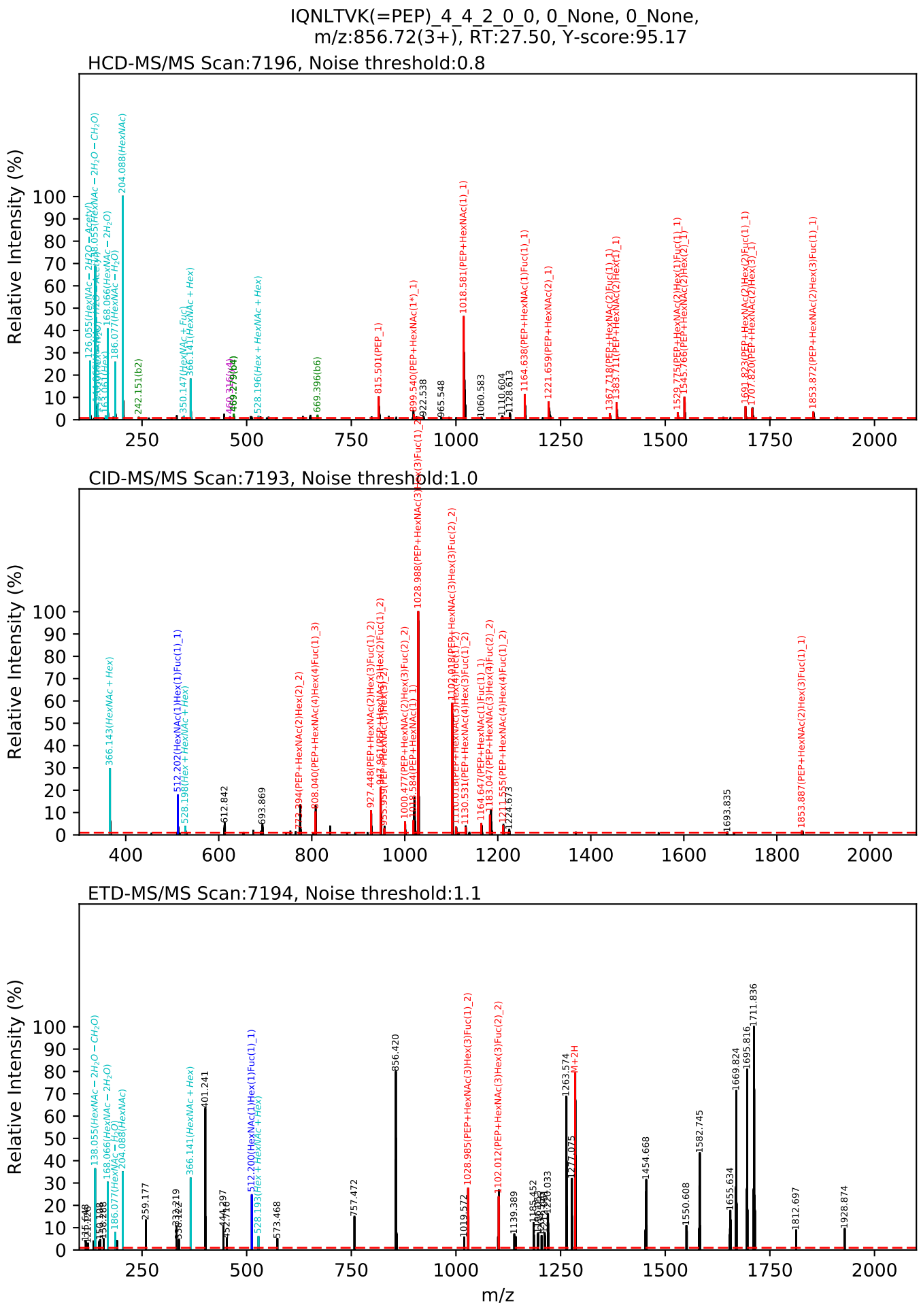

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.58(2+), RT:28.12, Y-score:93.84
HCD-MS/MS Scan:7506, Noise threshold:0.7
CID-MS/MS Scan:7507, Noise threshold:1.0
ETD-MS/MS Scan:7508, Noise threshold:2.0
Relative Intensity (%)
m/z
M+2H
512.198(HexNAc(1)Hex(1)Fuc(1)_1)
1183.036(PEP+HexNAc(3)Hex(4)Fuc(2)_2)
1211.540(PEP+HexNAc(4)Hex(4)Fuc(1)_2)

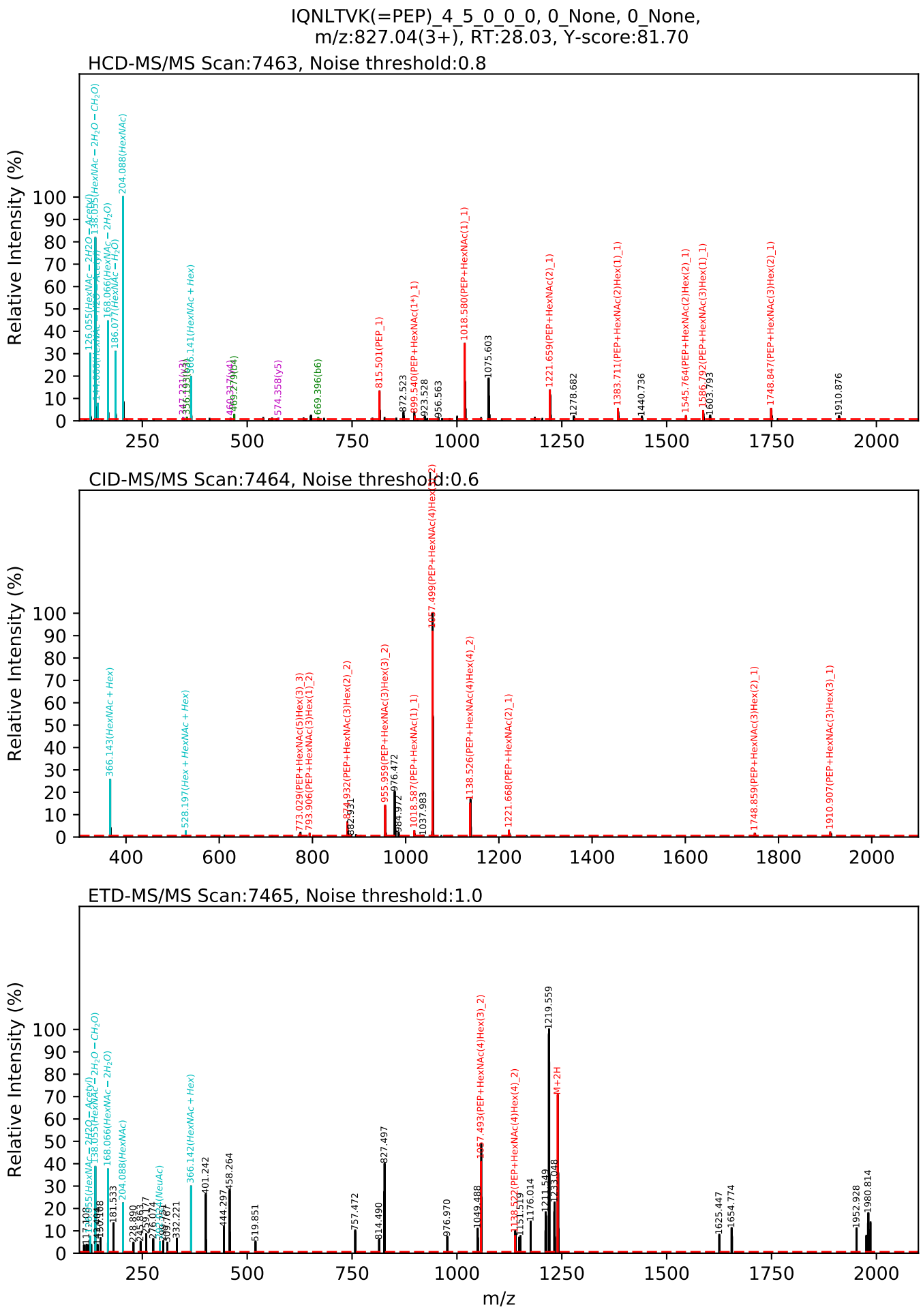

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.58(2+), RT:26.50, Y-score:94.54
HCD-MS/MS Scan:6687, Noise threshold:0.6
CID-MS/MS Scan:6688, Noise threshold:0.9
ETD-MS/MS Scan:6689, Noise threshold:1.8
Relative Intensity (%)
m/z

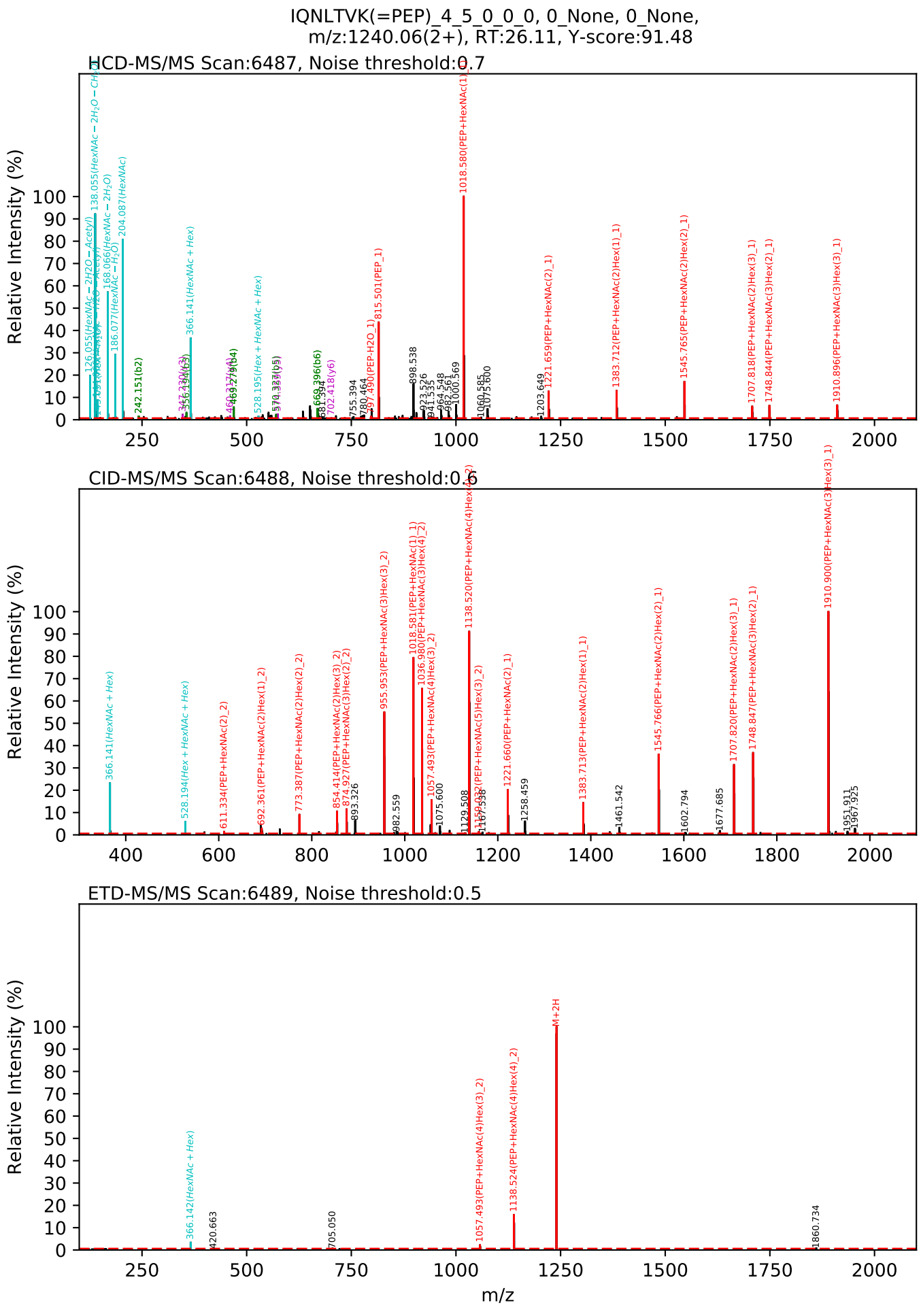

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.58(2+), RT:27.04, Y-score:89.03
HCD-MS/MS Scan:6962, Noise threshold:0.8
CID-MS/MS Scan:6963, Noise threshold:0.8
ETD-MS/MS Scan:6964, Noise threshold:1.4
Relative Intensity (%)
m/z
M+2H

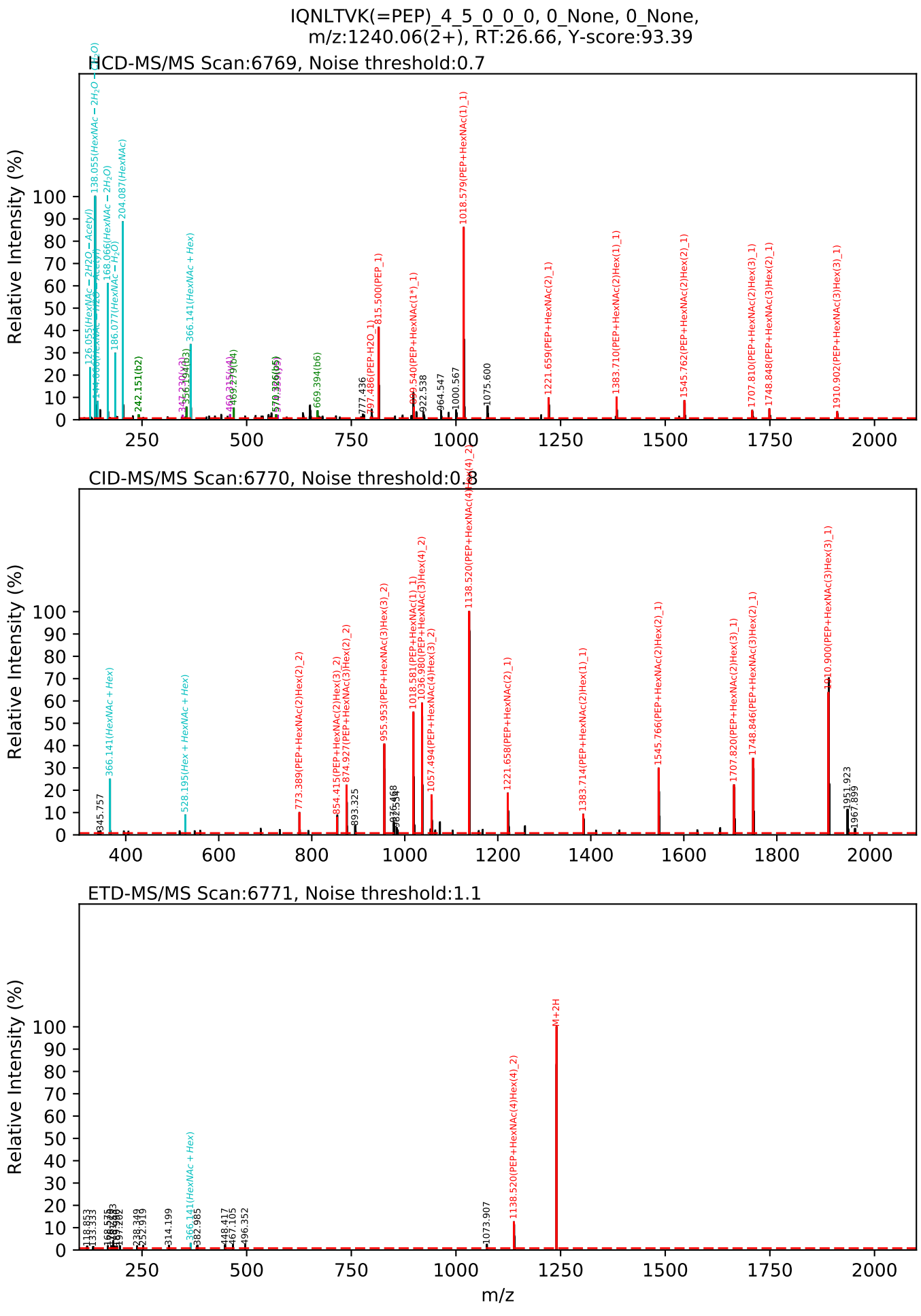

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:1284.58(2+), RT:27.60, Y-score:91.45
HCD-MS/MS Scan:7245, Noise threshold:0.7
CID-MS/MS Scan:7246, Noise threshold:1.0
ETD-MS/MS Scan:7247, Noise threshold:1.2
Relative Intensity (%)
m/z

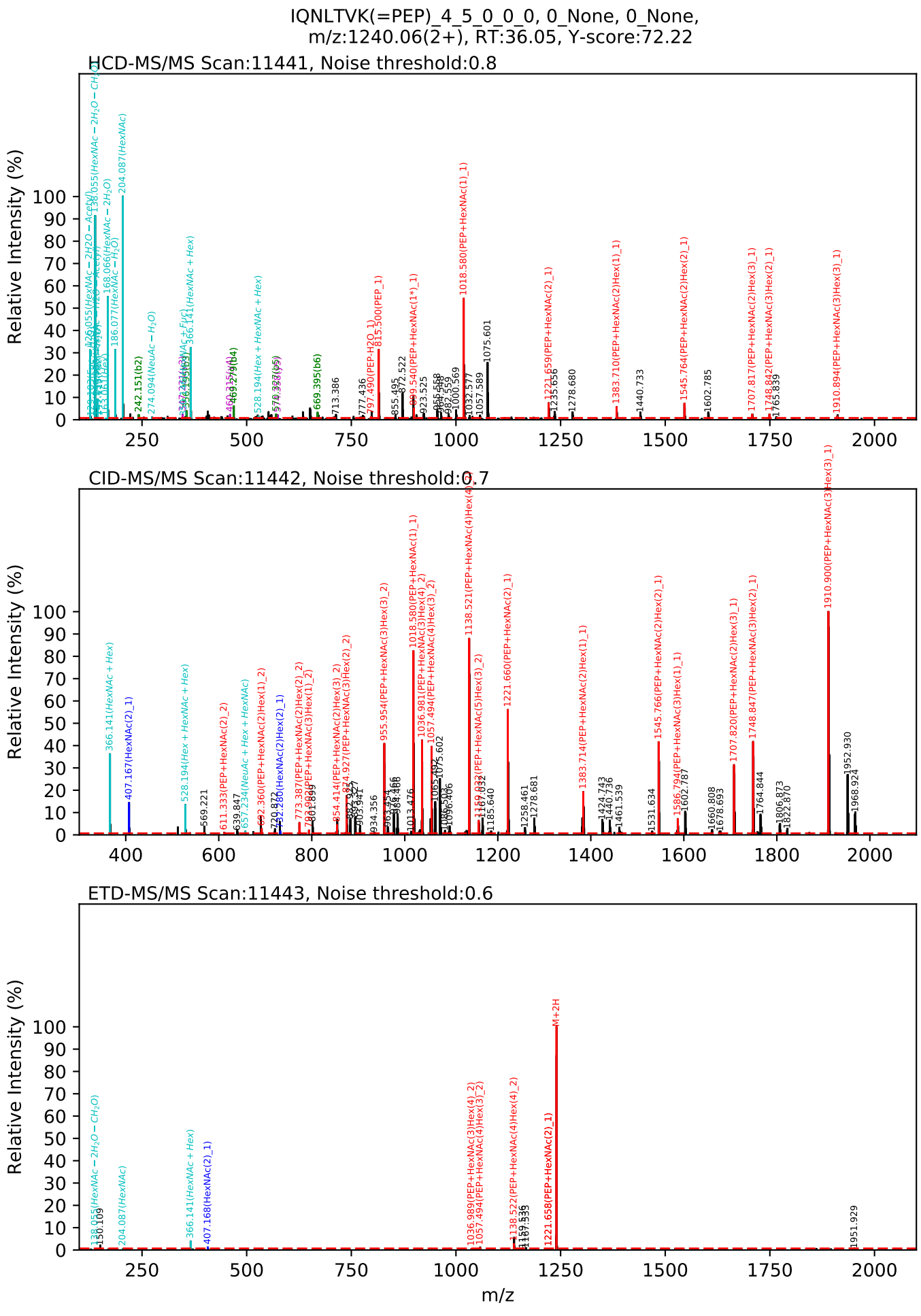

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:856.72(3+), RT:26.51, Y-score:90.77
HCD-MS/MS Scan:6693, Noise threshold:0.7
CID-MS/MS Scan:6694, Noise threshold:0.8
ETD-MS/MS Scan:6695, Noise threshold:1.0
Relative Intensity (%)
m/z

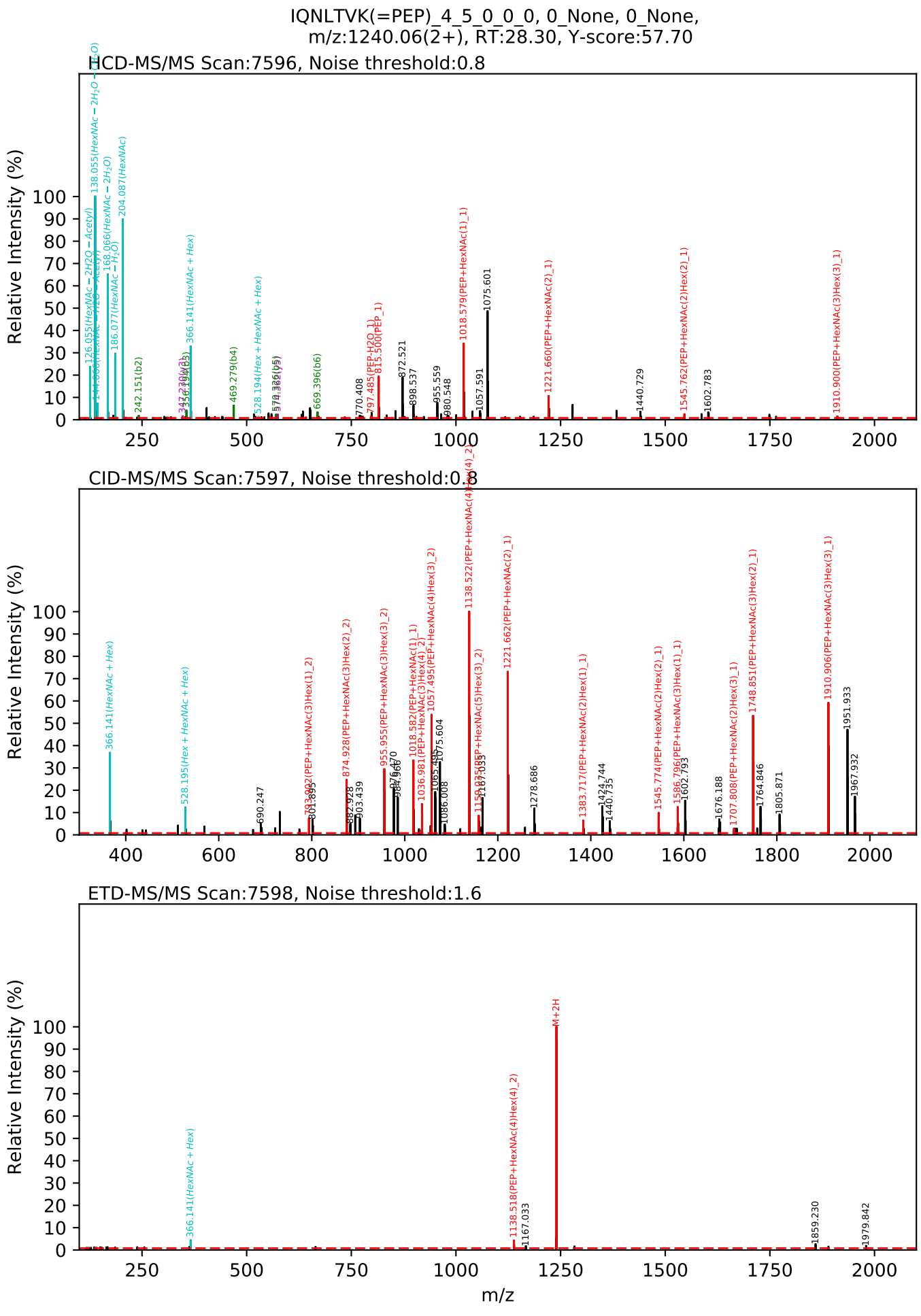

IQNLTVK(=PEP)_4_4_2_0_0, 0_None, 0_None,
m/z:856.72(3+), RT:27.50, Y-score:95.17
HCD-MS/MS Scan:7196, Noise threshold:0.8
CID-MS/MS Scan:7193, Noise threshold:1.0
ETD-MS/MS Scan:7194, Noise threshold:1.1
Relative Intensity (%)
m/z

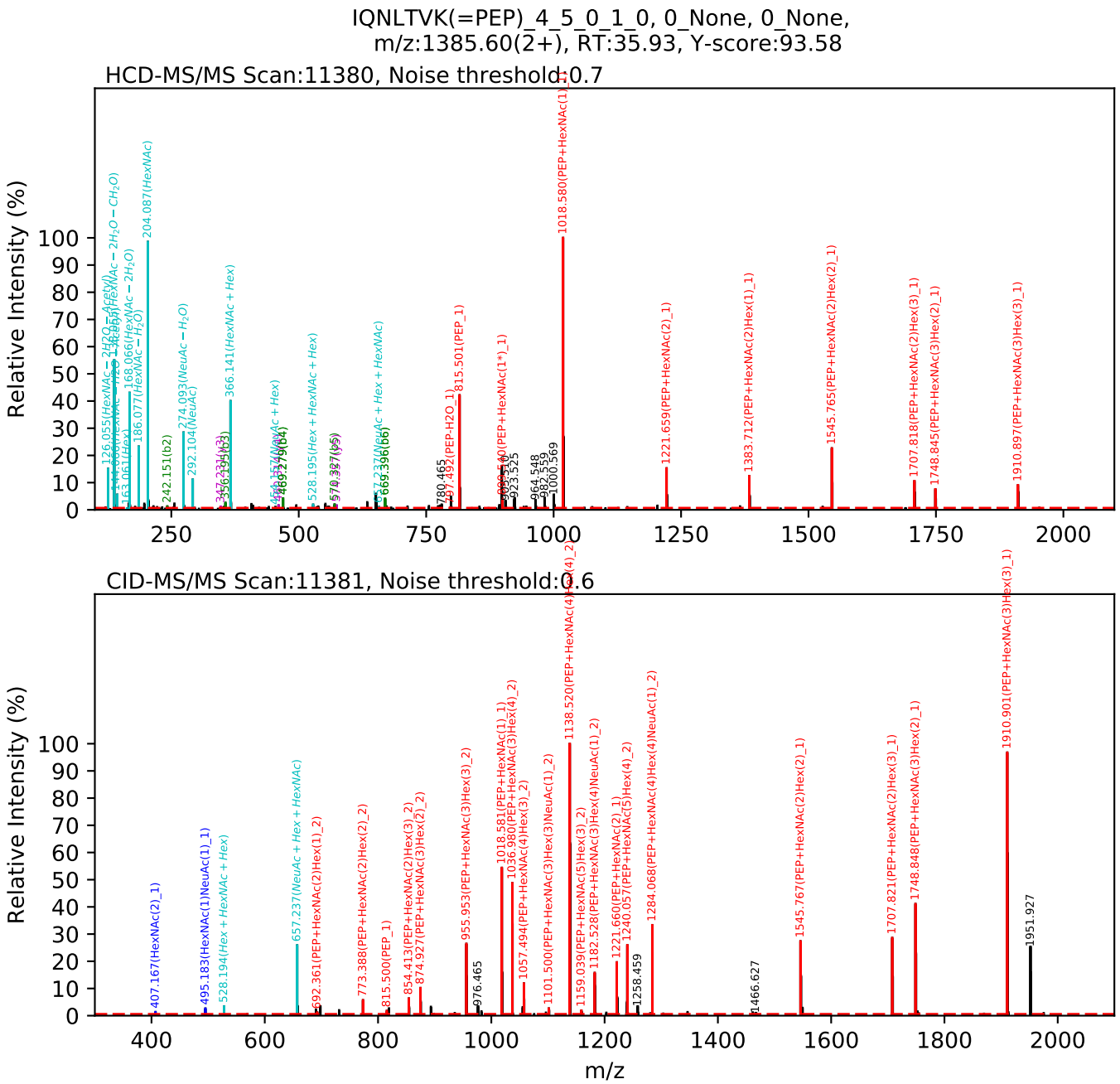

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:827.04(3+), RT:28.03, Y-score:81.70
HCD-MS/MS Scan:7463, Noise threshold:0.8
Relative Intensity (%)
204.088(HexNAc)
366.141(HexNAc + Hex)
815.501(PEP_1)
1018.580(PEP+HexNAc(1)_1)
1075.603
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
CID-MS/MS Scan:7464, Noise threshold:0.6
Relative Intensity (%)
366.143(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
1057.499(PEP+HexNAc(4)Hex(4)_2)
1138.526(PEP+HexNAc(4)Hex(4)_2)
1221.668(PEP+HexNAc(2)_1)
1748.859(PEP+HexNAc(3)Hex(2)_1)
1910.907(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:7465, Noise threshold:1.0
Relative Intensity (%)
366.142(HexNAc + Hex)
827.497
1057.493(PEP+HexNAc(4)Hex(3)_2)
1138.522(PEP+HexNAc(4)Hex(4)_2)
1219.559
M+2H
m/z

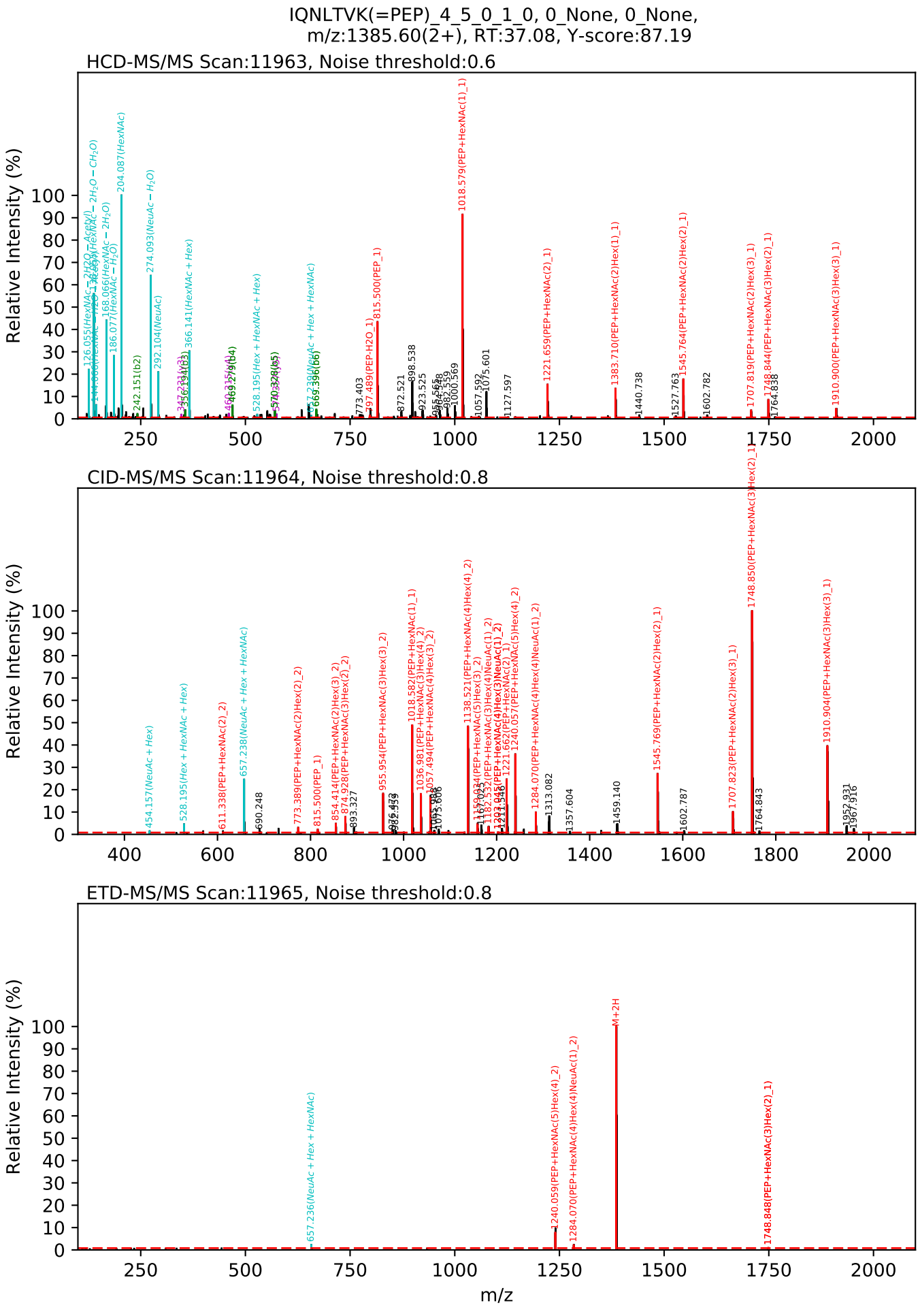

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:26.11, Y-score:91.48
HCD-MS/MS Scan:6487, Noise threshold:0.7
CID-MS/MS Scan:6488, Noise threshold:0.6
ETD-MS/MS Scan:6489, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

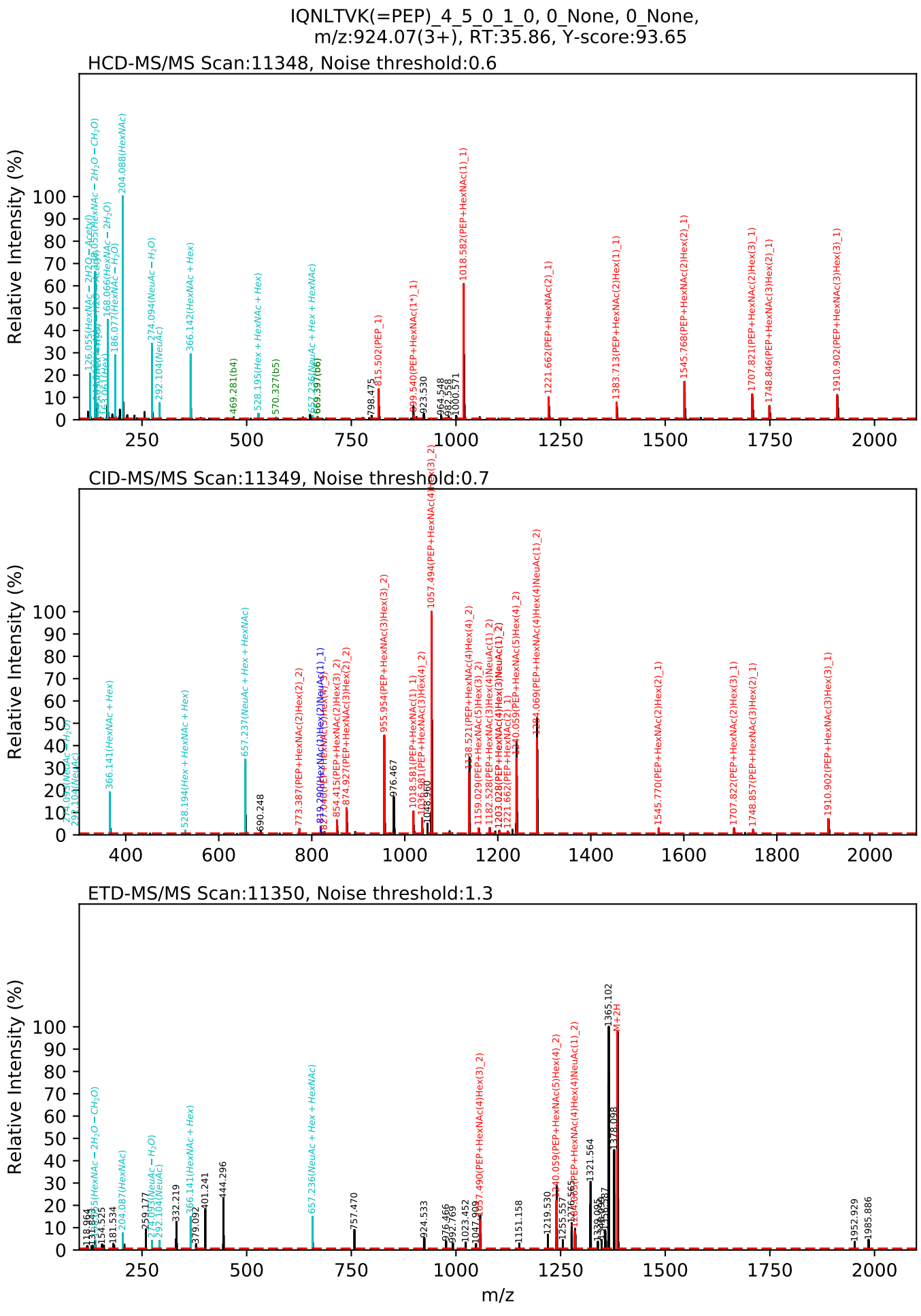

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:26.66, Y-score:93.39
HCD-MS/MS Scan:6769, Noise threshold:0.7
CID-MS/MS Scan:6770, Noise threshold:0.8
ETD-MS/MS Scan:6771, Noise threshold:1.1
Relative Intensity (%)
m/z
M+2H

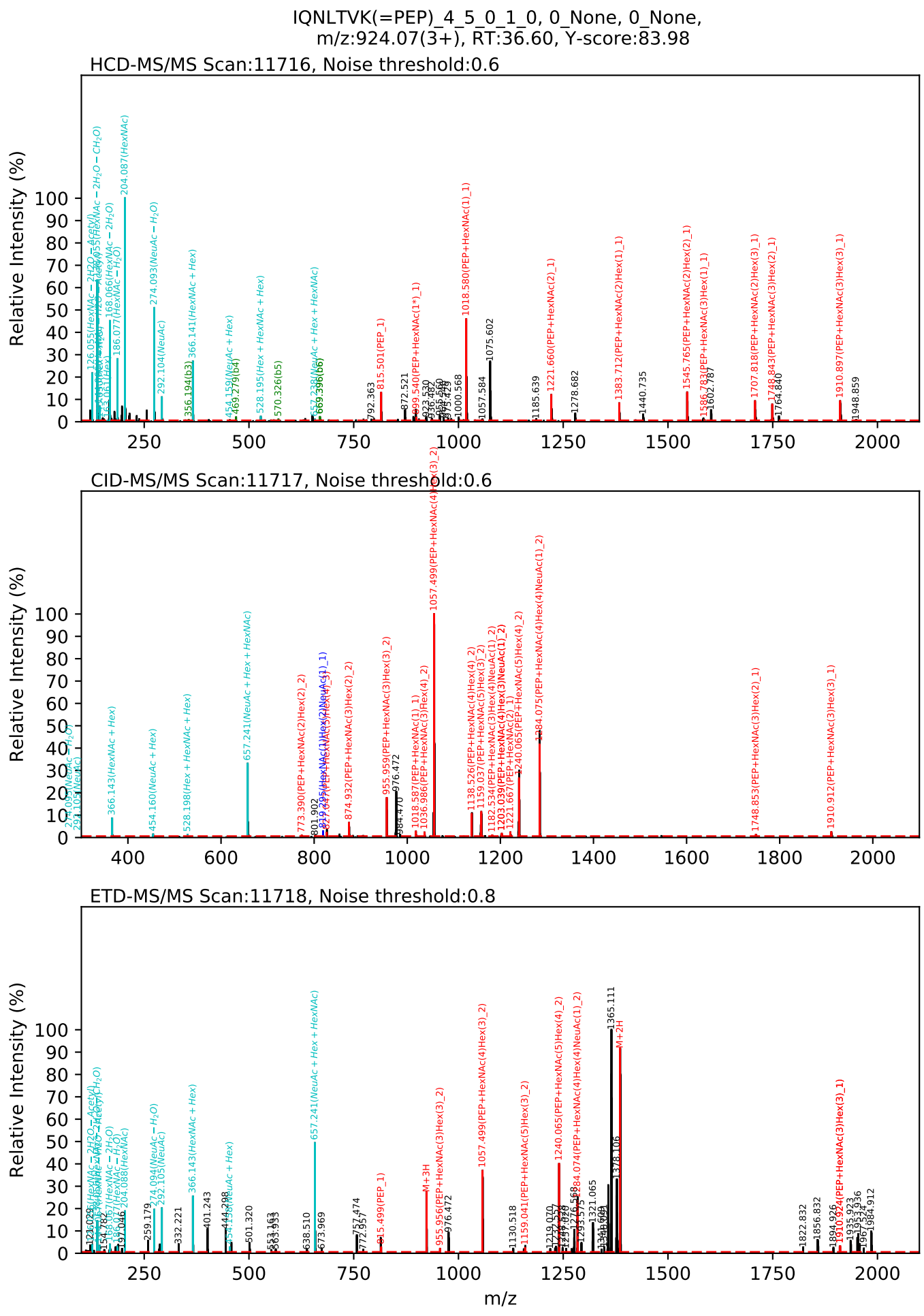

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:36.05, Y-score:72.22
HCD-MS/MS Scan:11441, Noise threshold:0.8
CID-MS/MS Scan:11442, Noise threshold:0.7
ETD-MS/MS Scan:11443, Noise threshold:0.6
Relative Intensity (%)
m/z

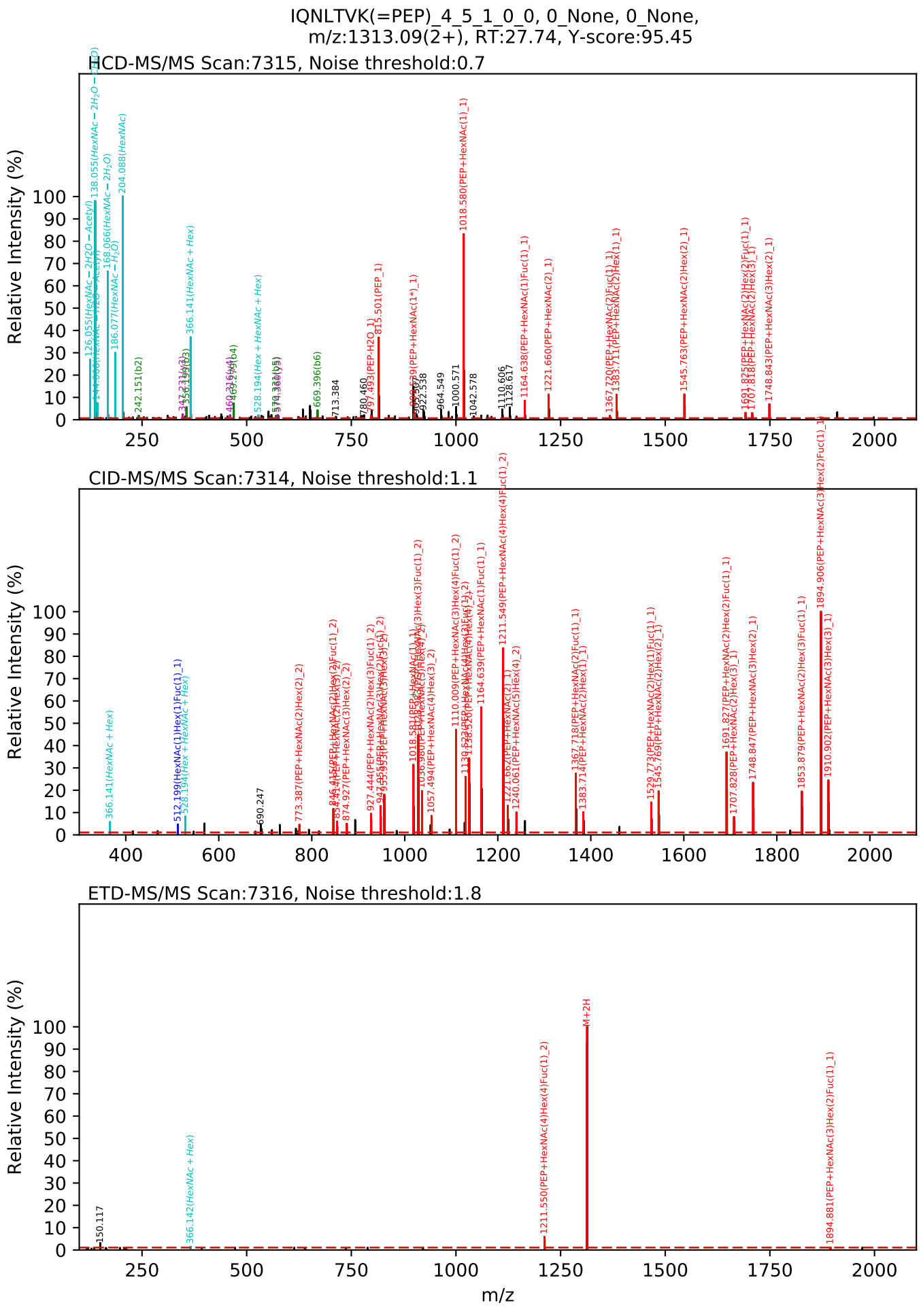

IQNLTVK(=PEP)_4_5_0_0_0, 0_None, 0_None,
m/z:1240.06(2+), RT:28.30, Y-score:57.70
HCD-MS/MS Scan:7596, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:7597, Noise threshold:0.8
ETD-MS/MS Scan:7598, Noise threshold:1.6
m/z

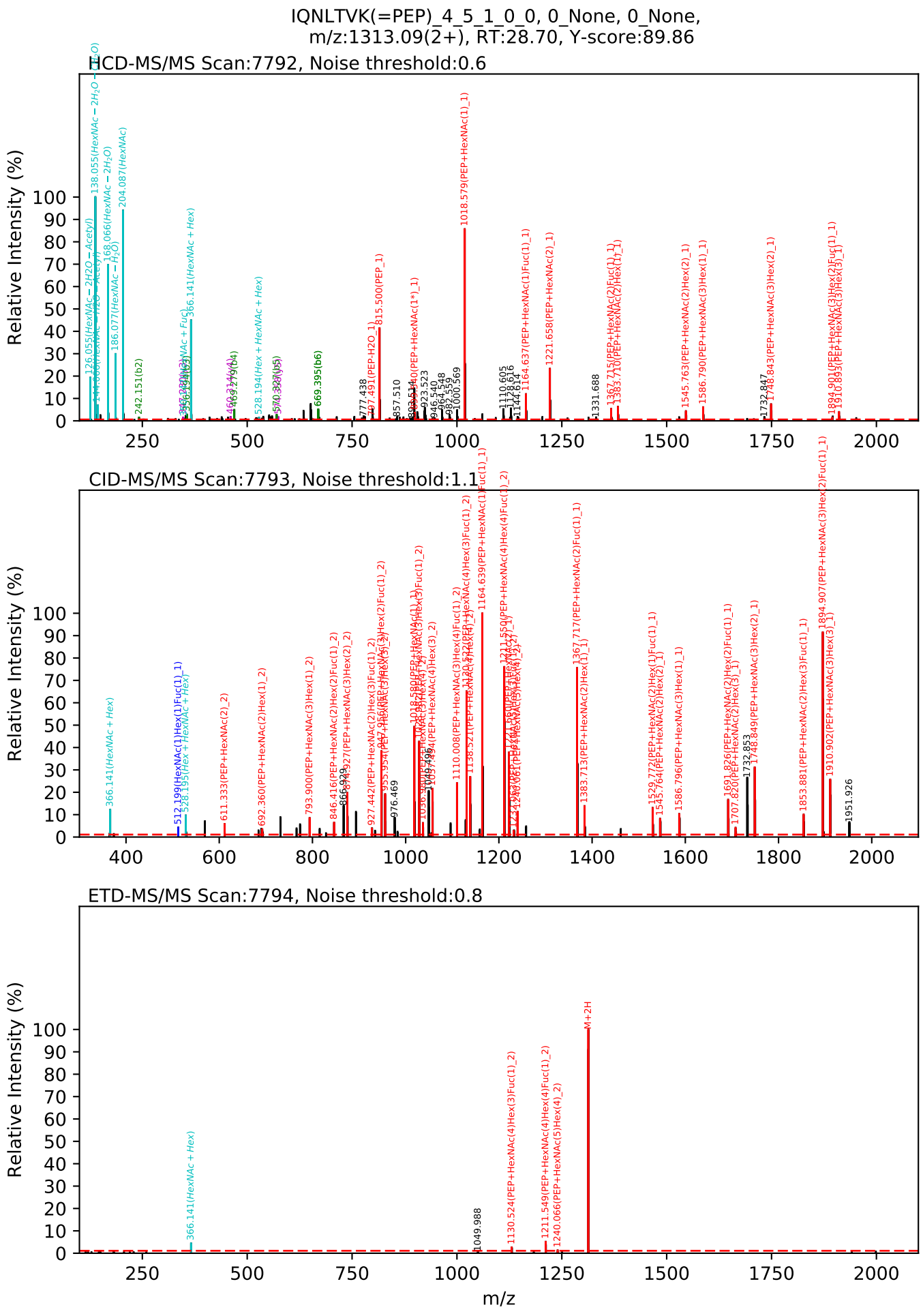

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:1385.60(2+), RT:35.93, Y-score:93.58
HCD-MS/MS Scan:11380, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:11381, Noise threshold:0.6
Relative Intensity (%)
m/z

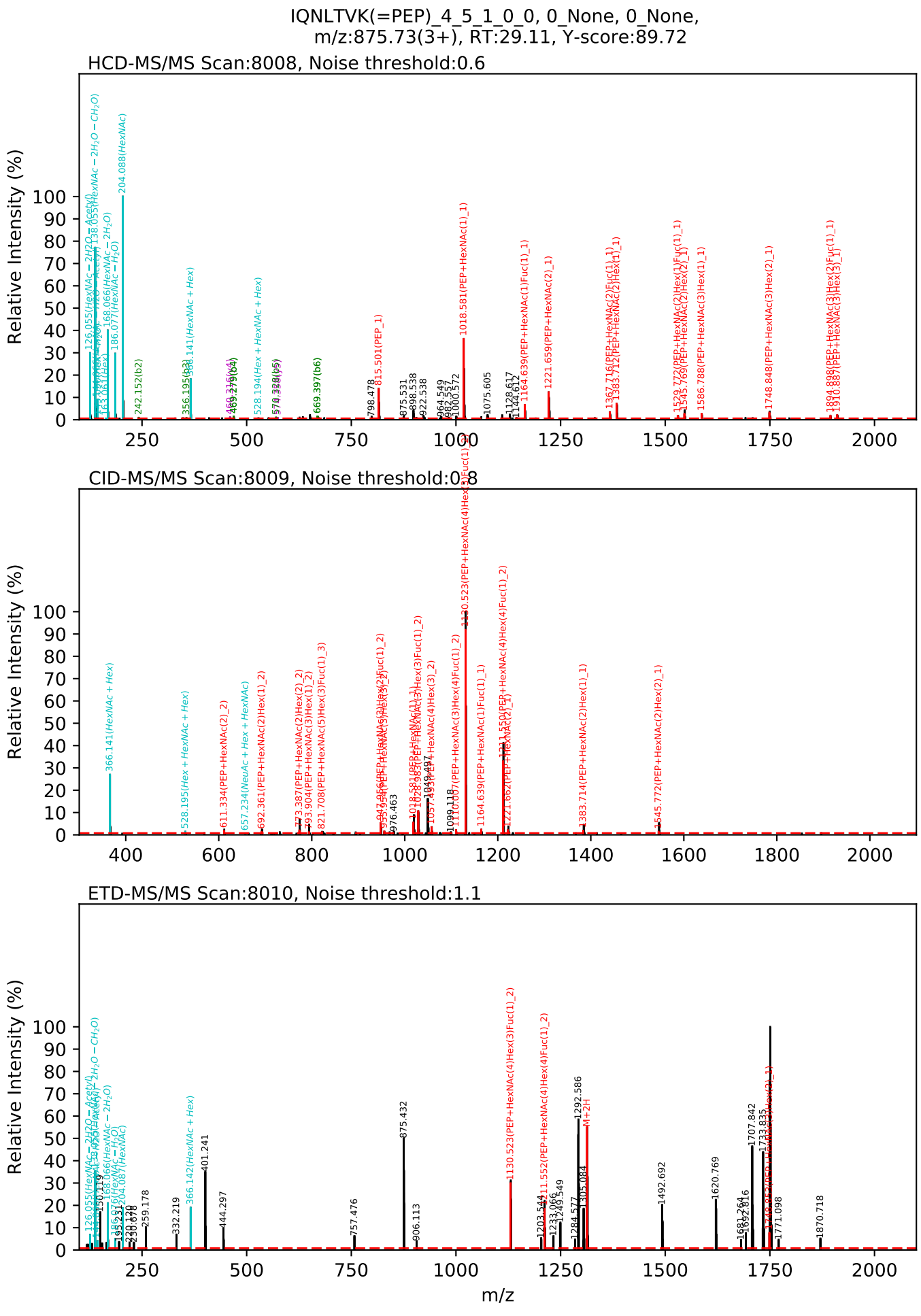

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:1385.60(2+), RT:37.08, Y-score:87.19
HCD-MS/MS Scan:11963, Noise threshold:0.6
CID-MS/MS Scan:11964, Noise threshold:0.8
ETD-MS/MS Scan:11965, Noise threshold:0.8
Relative Intensity (%)
m/z

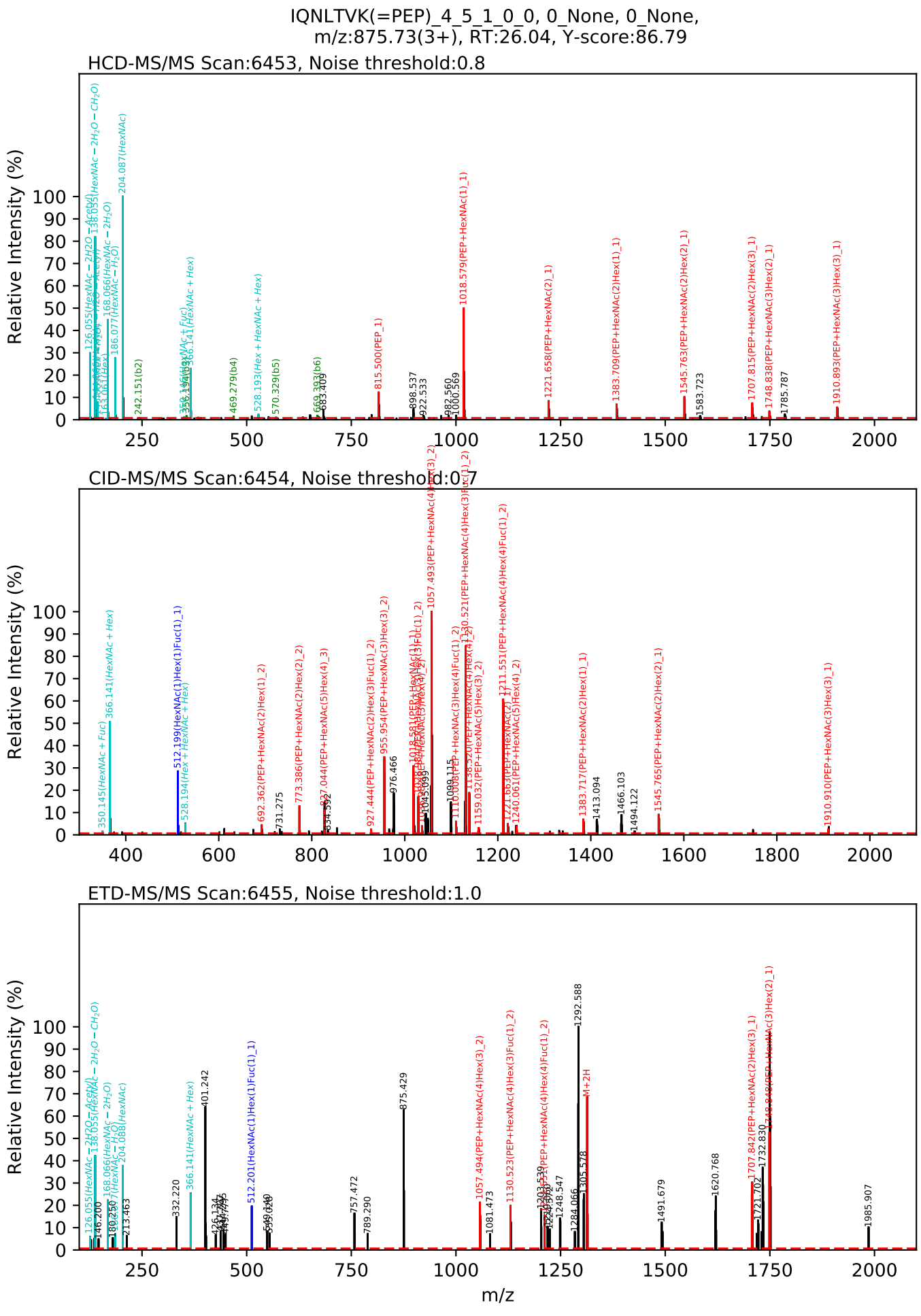

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:924.07(3+), RT:35.86, Y-score:93.65
HCD-MS/MS Scan:11348, Noise threshold:0.6
Relative Intensity (%)
204.088(HexNAc)
366.142(HexNAc + Hex)
274.094(NeuAc − H2O)
292.104(NeuAc)
469.281(b4)
528.195(Hex + HexNAc + Hex)
570.327(b5)
798.475
815.502(PEP_1)
923.530
1018.582(PEP+HexNAc(1)_1)
1221.662(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)
1748.846(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:11349, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
690.248
773.387(PEP+HexNAc(2)Hex(2)_2)
854.415(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
955.954(PEP+HexNAc(3)Hex(3)_2)
976.467
1018.581(PEP+HexNAc(1)_1)
1057.494(PEP+HexNAc(4)Hex(3)_2)
1138.521(PEP+HexNAc(4)Hex(4)_2)
1159.029(PEP+HexNAc(5)Hex(3)_2)
1182.528(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1203.028(PEP+HexNAc(4)Hex(3)NeuAc(1)_2)
1221.662(PEP+HexNAc(2)_2)
1240.059(PEP+HexNAc(5)Hex(4)_2)
1384.069(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1545.770(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1748.857(PEP+HexNAc(3)Hex(2)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:11350, Noise threshold:1.3
Relative Intensity (%)
204.087(HexNAc)
366.141(HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
757.470
924.533
1057.490(PEP+HexNAc(4)Hex(3)_2)
1219.530
1240.059(PEP+HexNAc(5)Hex(4)_2)
1321.564
1365.102
M+2H
1952.929
1985.886
m/z

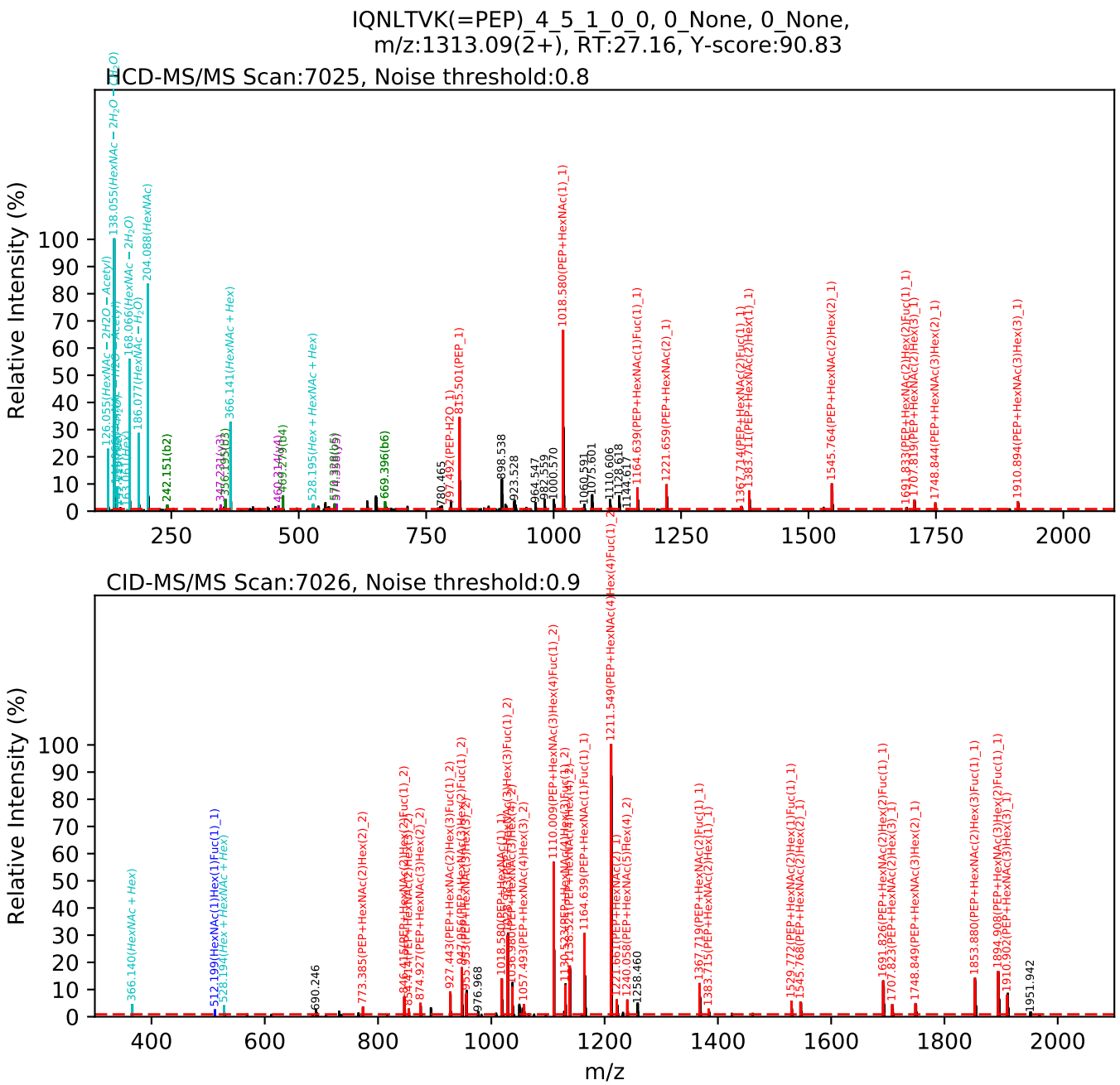

IQNLTVK(=PEP)_4_5_0_1_0, 0_None, 0_None,
m/z:924.07(3+), RT:36.60, Y-score:83.98
HCD-MS/MS Scan:11716, Noise threshold:0.6
CID-MS/MS Scan:11717, Noise threshold:0.6
ETD-MS/MS Scan:11718, Noise threshold:0.8
Relative Intensity (%)
m/z

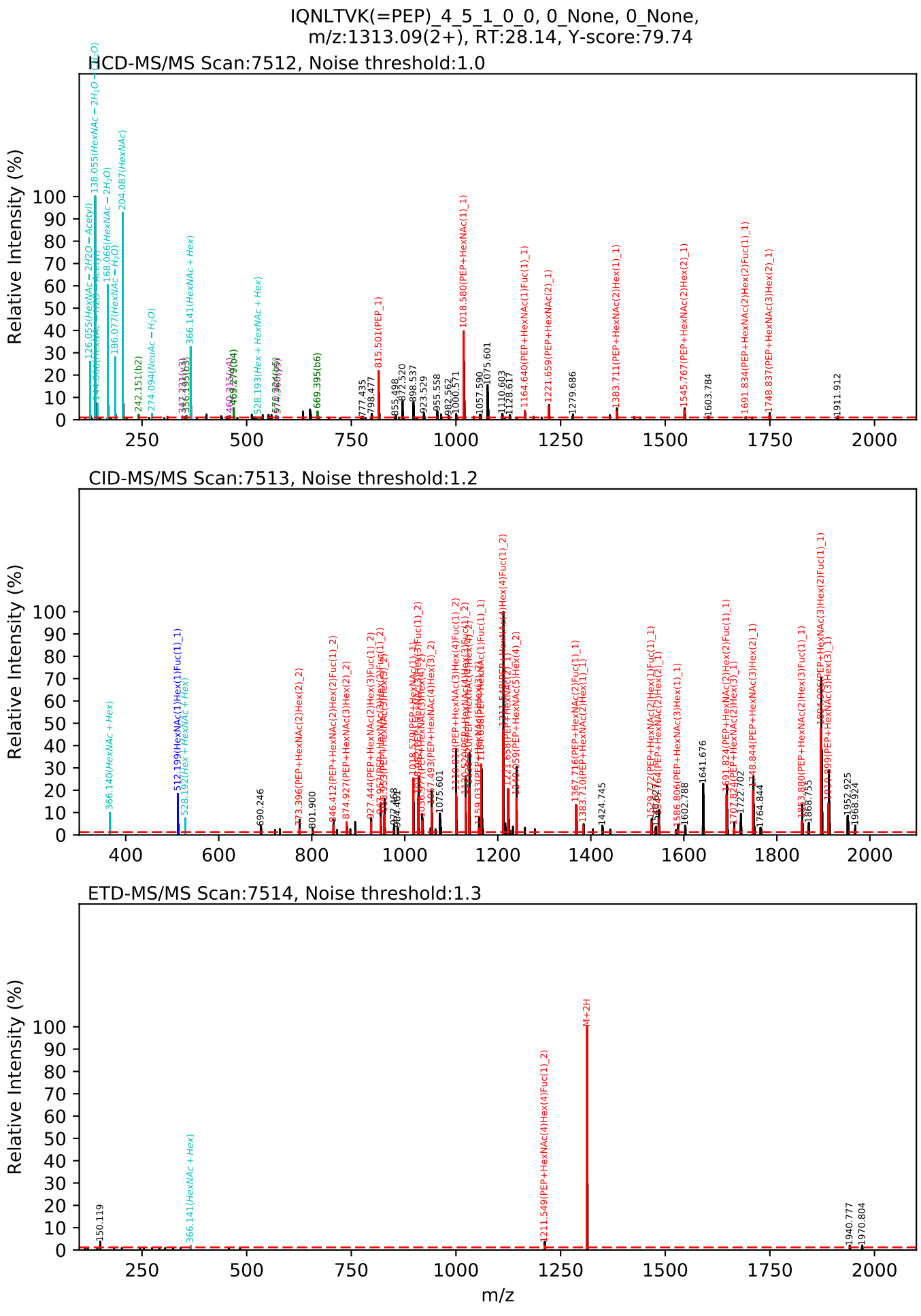

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:27.74, Y-score:95.45
HCD-MS/MS Scan:7315, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:7314, Noise threshold:1.1
Relative Intensity (%)
ETD-MS/MS Scan:7316, Noise threshold:1.8
Relative Intensity (%)
m/z

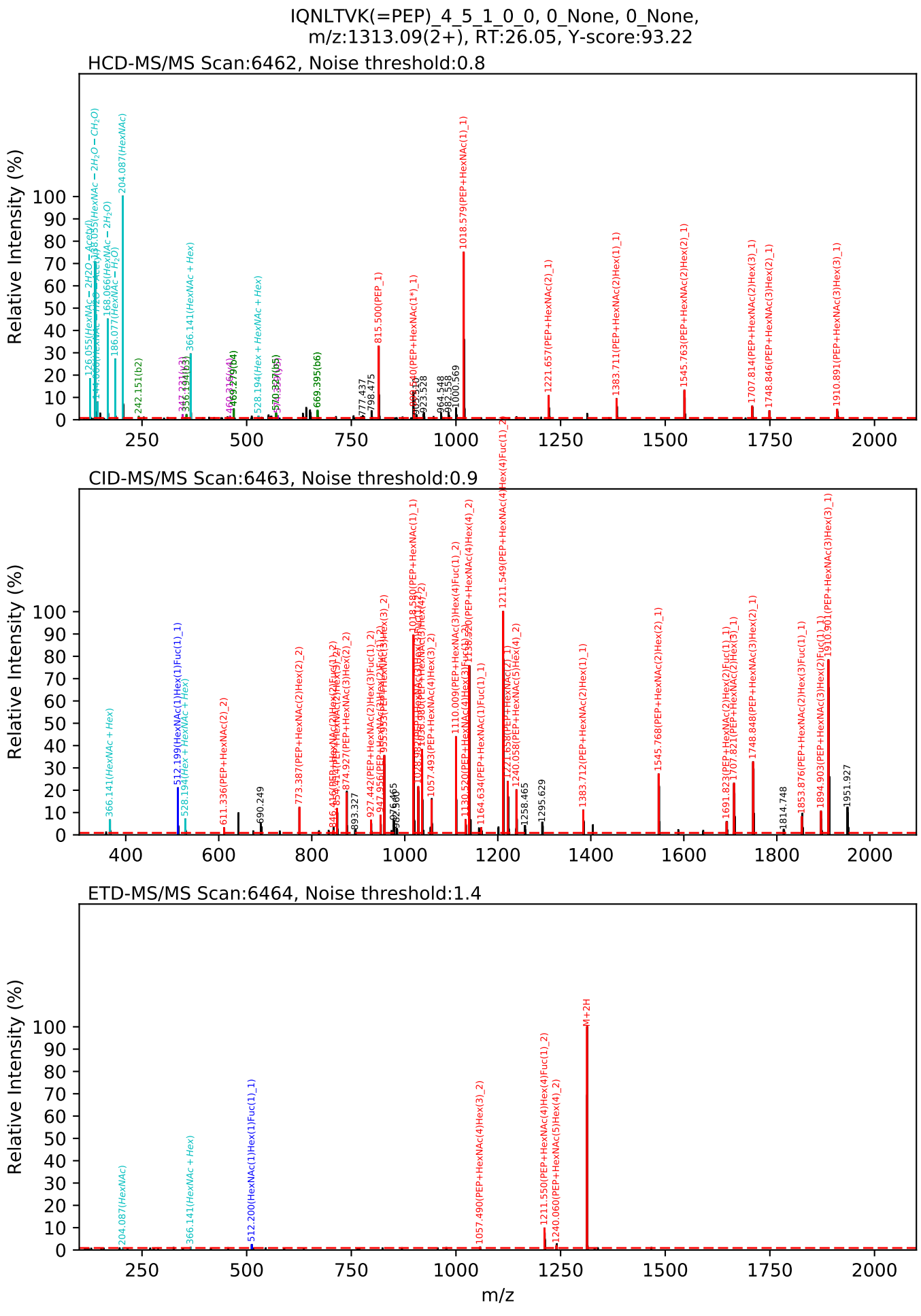

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:28.70, Y-score:89.86
HCD-MS/MS Scan:7792, Noise threshold:0.6
CID-MS/MS Scan:7793, Noise threshold:1.1
ETD-MS/MS Scan:7794, Noise threshold:0.8
Relative Intensity (%)
m/z

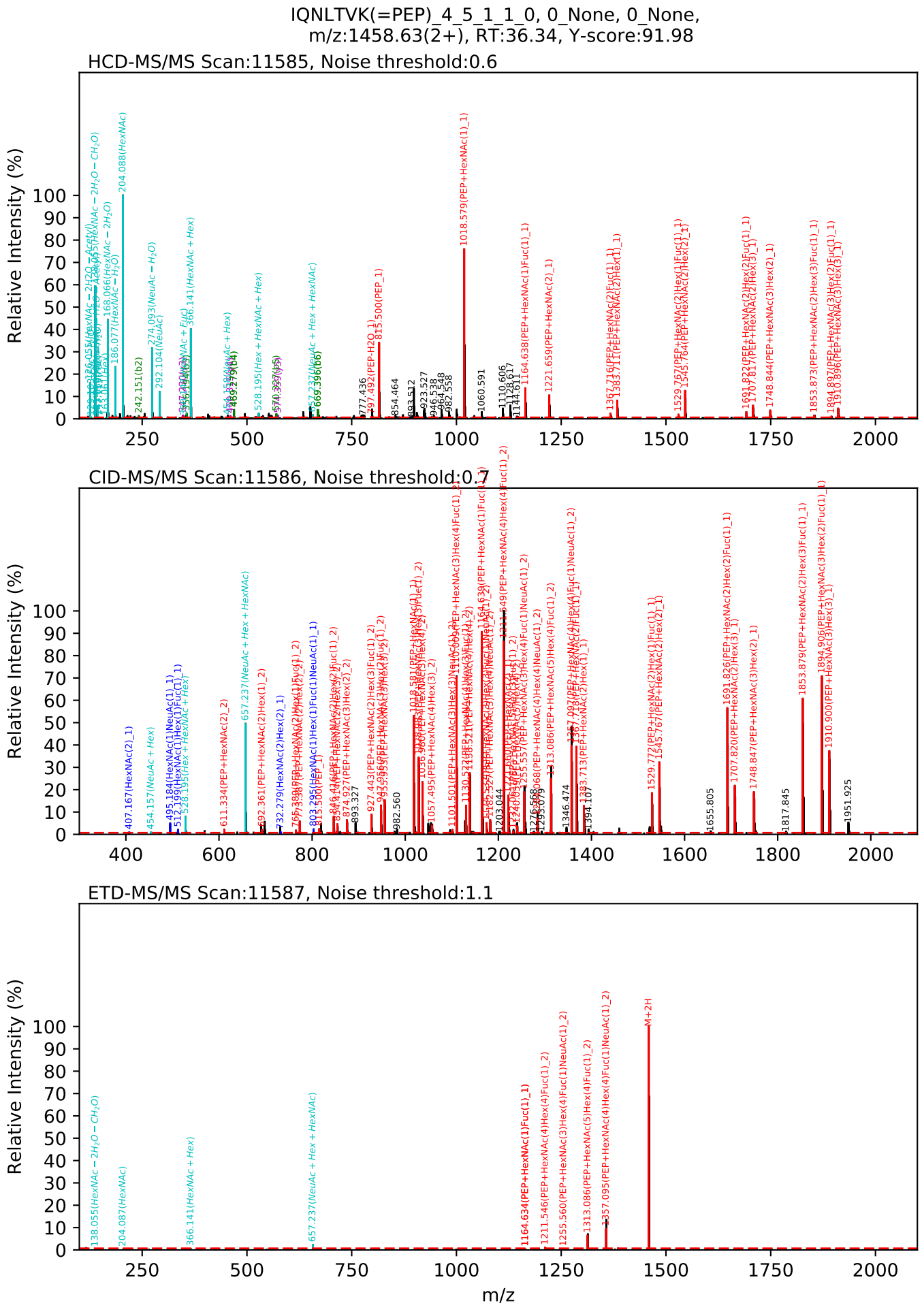

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:875.73(3+), RT:29.11, Y-score:89.72
HCD-MS/MS Scan:8008, Noise threshold:0.6
CID-MS/MS Scan:8009, Noise threshold:0.8
ETD-MS/MS Scan:8010, Noise threshold:1.1
Relative Intensity (%)
m/z

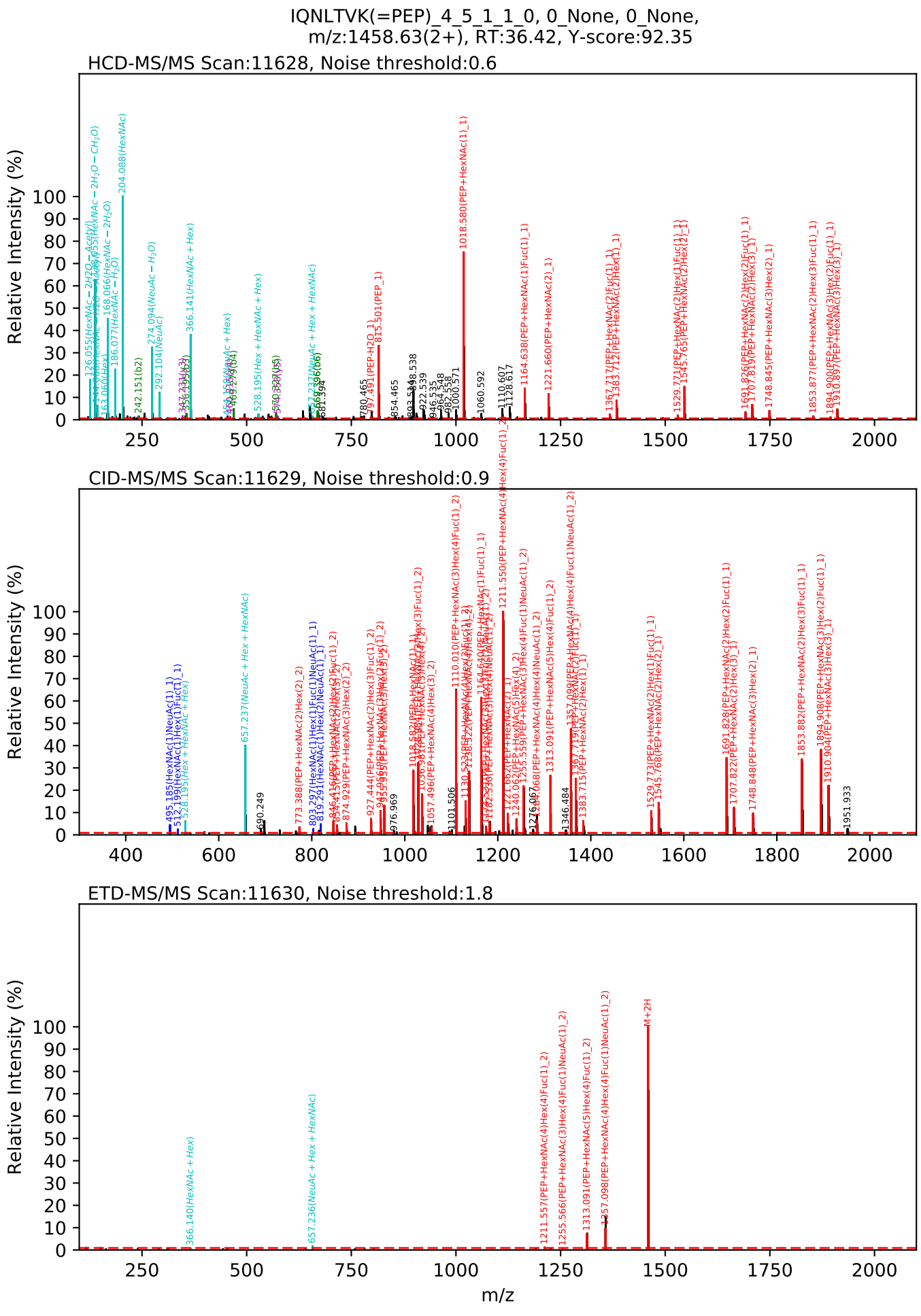

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:875.73(3+), RT:26.04, Y-score:86.79
HCD-MS/MS Scan:6453, Noise threshold:0.8
CID-MS/MS Scan:6454, Noise threshold:0.7
ETD-MS/MS Scan:6455, Noise threshold:1.0
Relative Intensity (%)
m/z

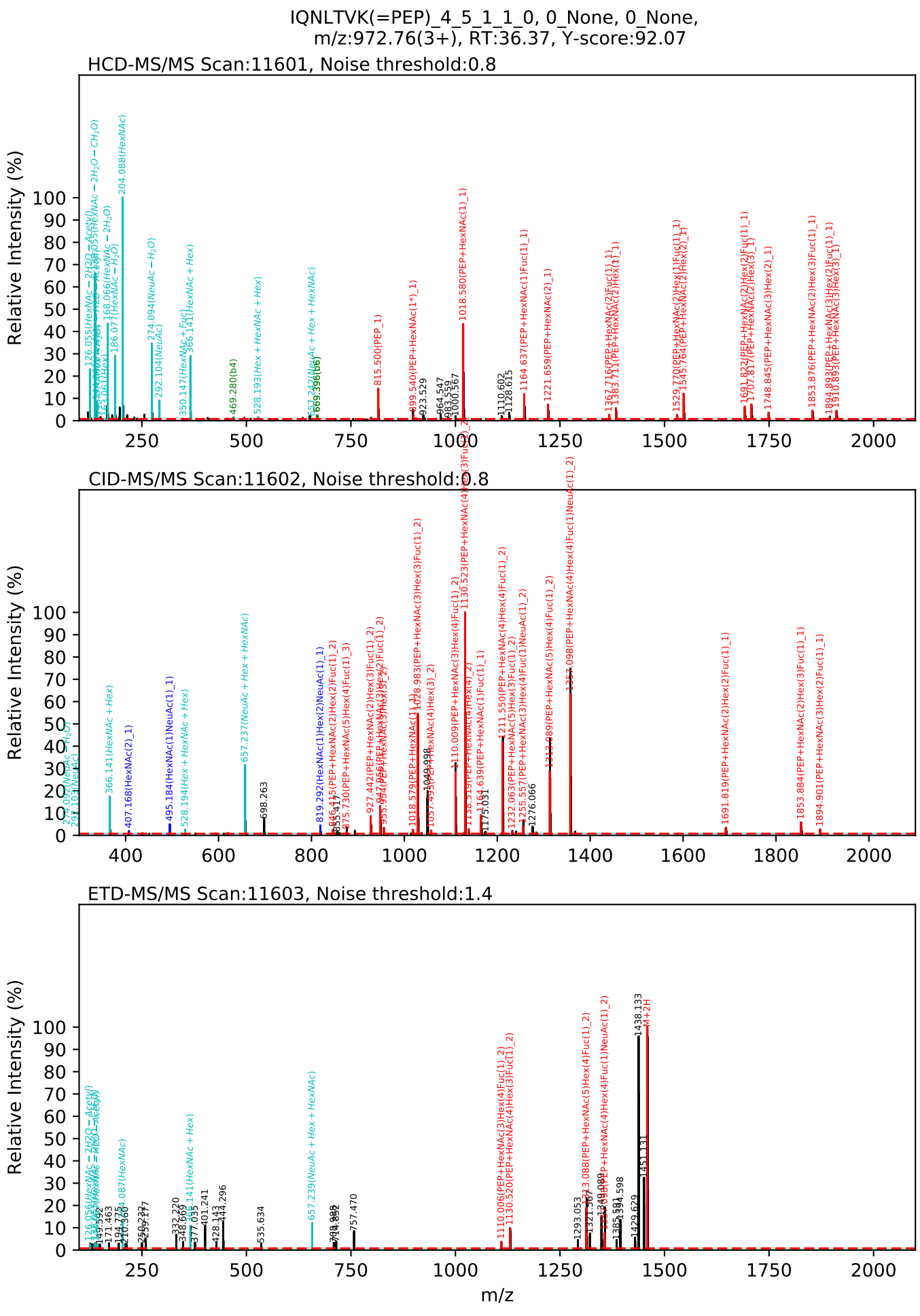

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:27.16, Y-score:90.83
HCD-MS/MS Scan:7025, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:7026, Noise threshold:0.9
Relative Intensity (%)
m/z

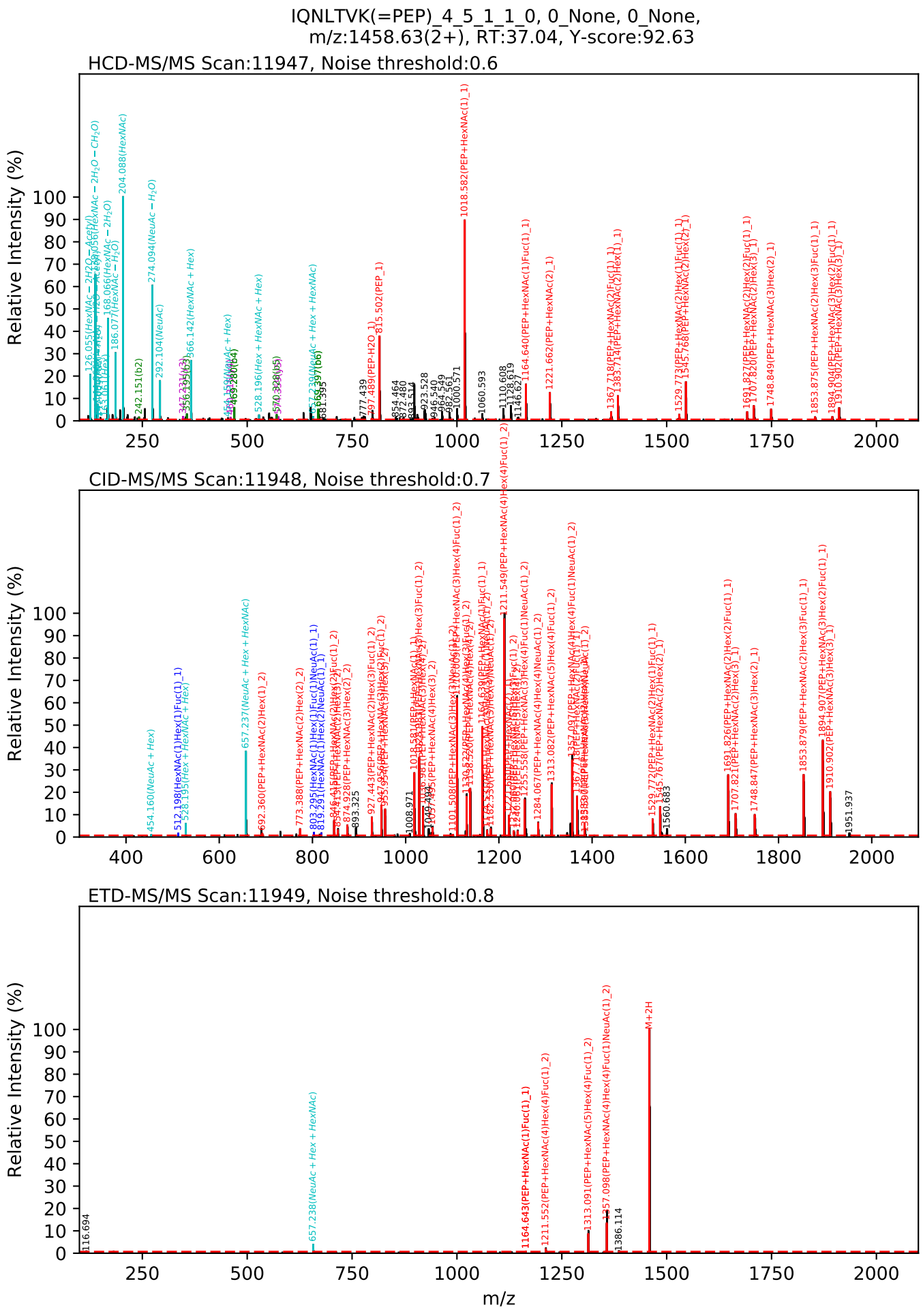

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:28.14, Y-score:79.74
HCD-MS/MS Scan:7512, Noise threshold:1.0
CID-MS/MS Scan:7513, Noise threshold:1.2
ETD-MS/MS Scan:7514, Noise threshold:1.3
Relative Intensity (%)
m/z

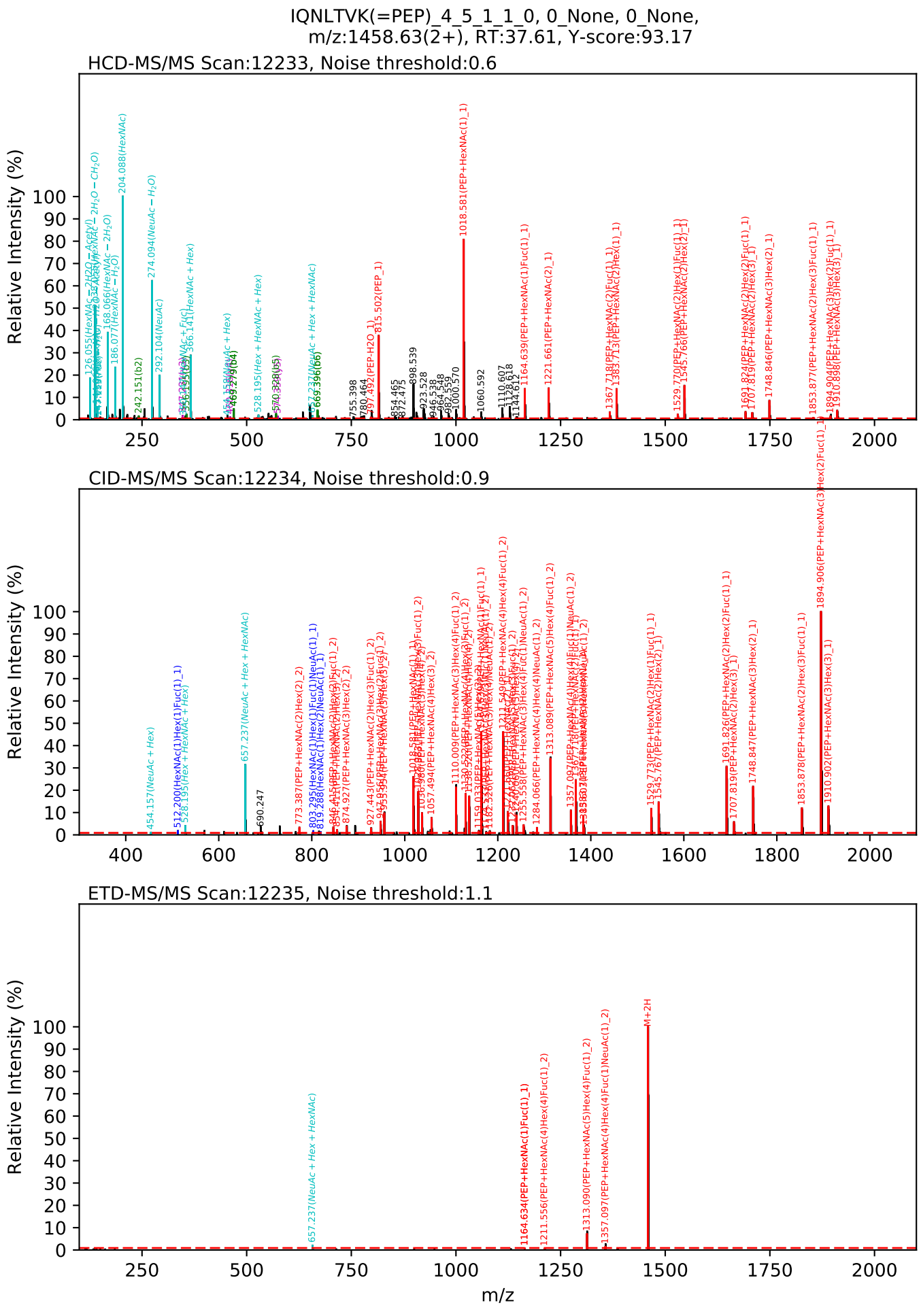

IQNLTVK(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1313.09(2+), RT:26.05, Y-score:93.22
HCD-MS/MS Scan:6462, Noise threshold:0.8
CID-MS/MS Scan:6463, Noise threshold:0.9
ETD-MS/MS Scan:6464, Noise threshold:1.4
Relative Intensity (%)
m/z
M+2H

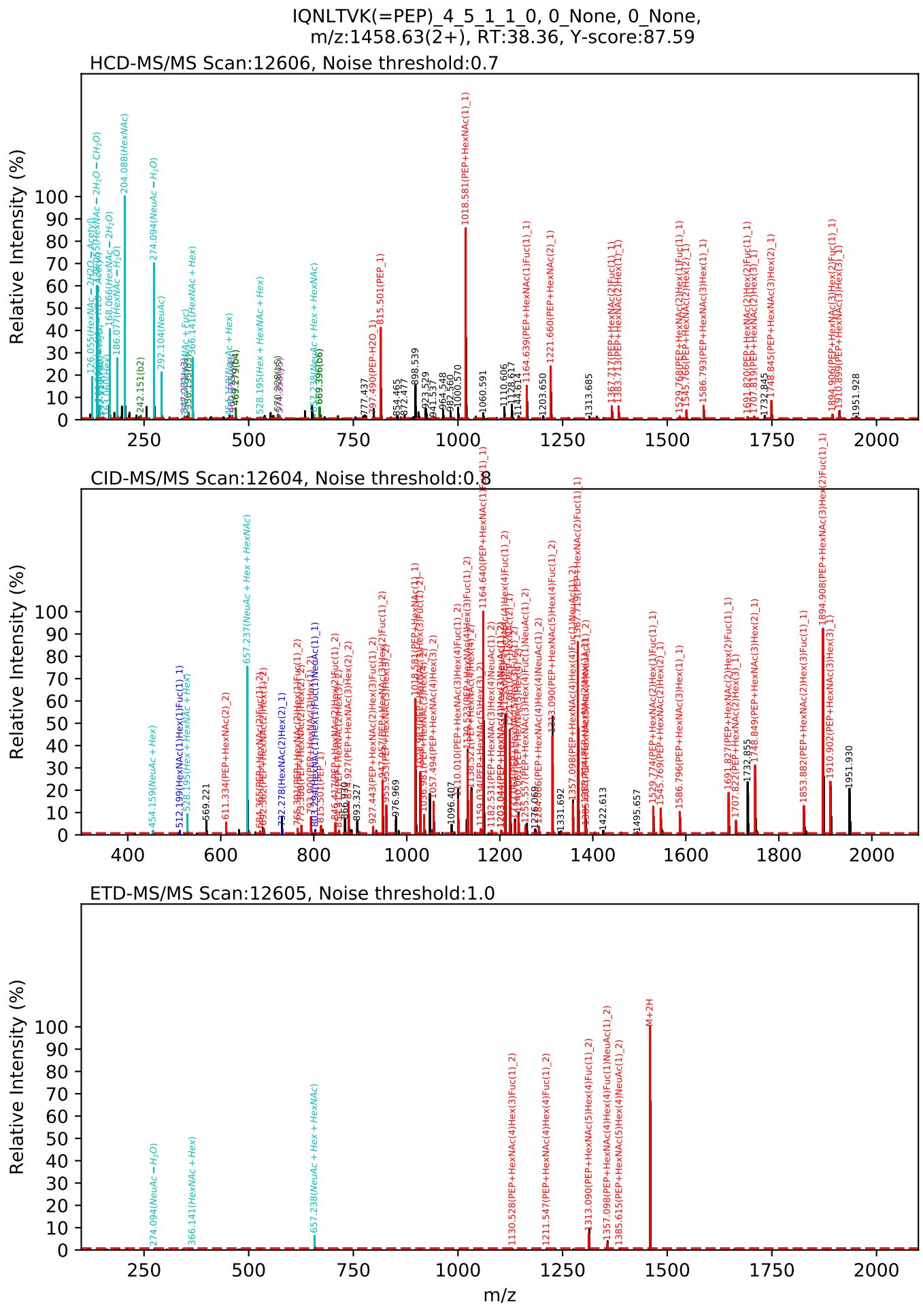

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:36.34, Y-score:91.98
HCD-MS/MS Scan:11585, Noise threshold:0.6
CID-MS/MS Scan:11586, Noise threshold:0.7
ETD-MS/MS Scan:11587, Noise threshold:1.1
Relative Intensity (%)
m/z

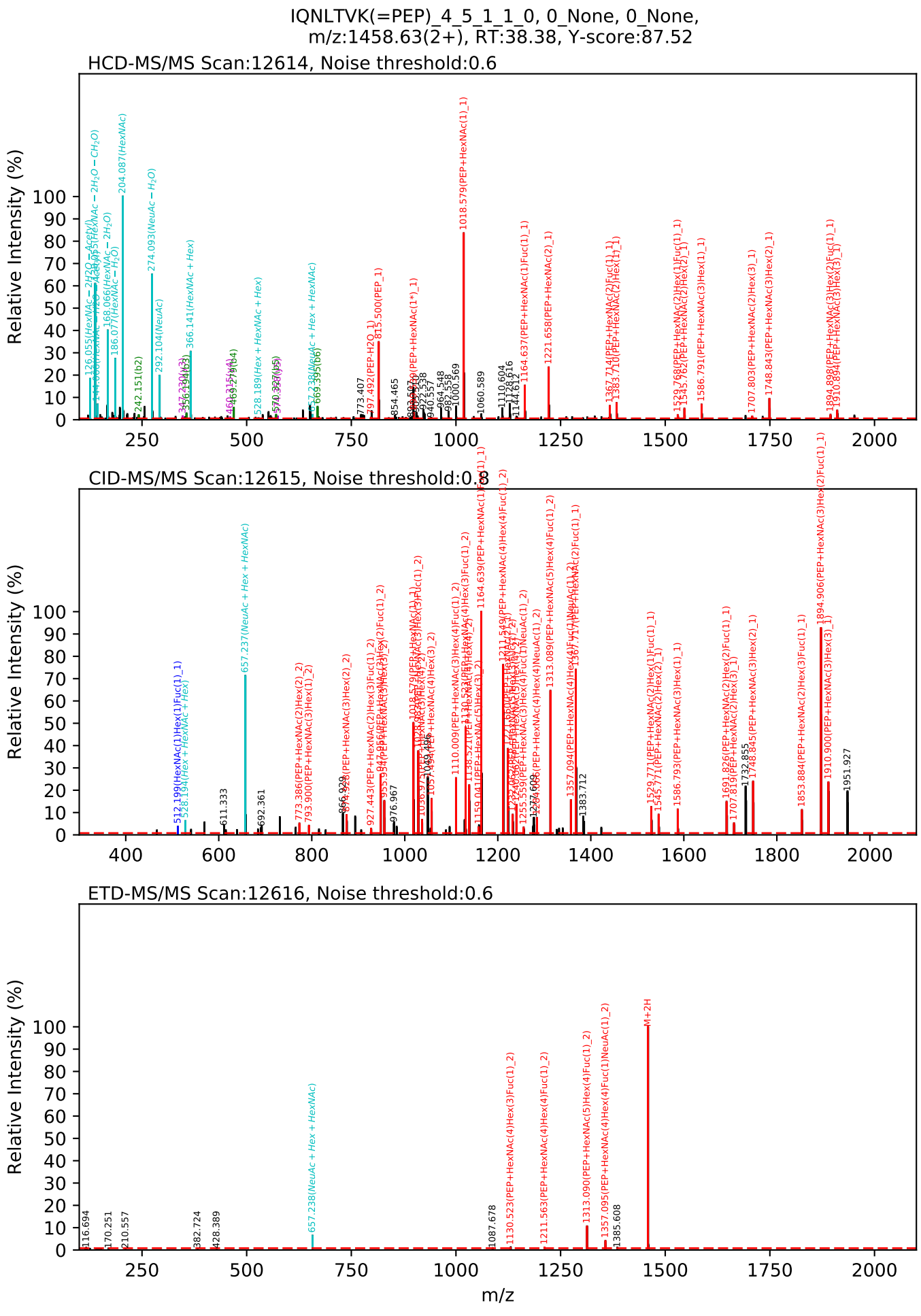

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:36.42, Y-score:92.35
HCD-MS/MS Scan:11628, Noise threshold:0.6
CID-MS/MS Scan:11629, Noise threshold:0.9
ETD-MS/MS Scan:11630, Noise threshold:1.8
Relative Intensity (%)
m/z

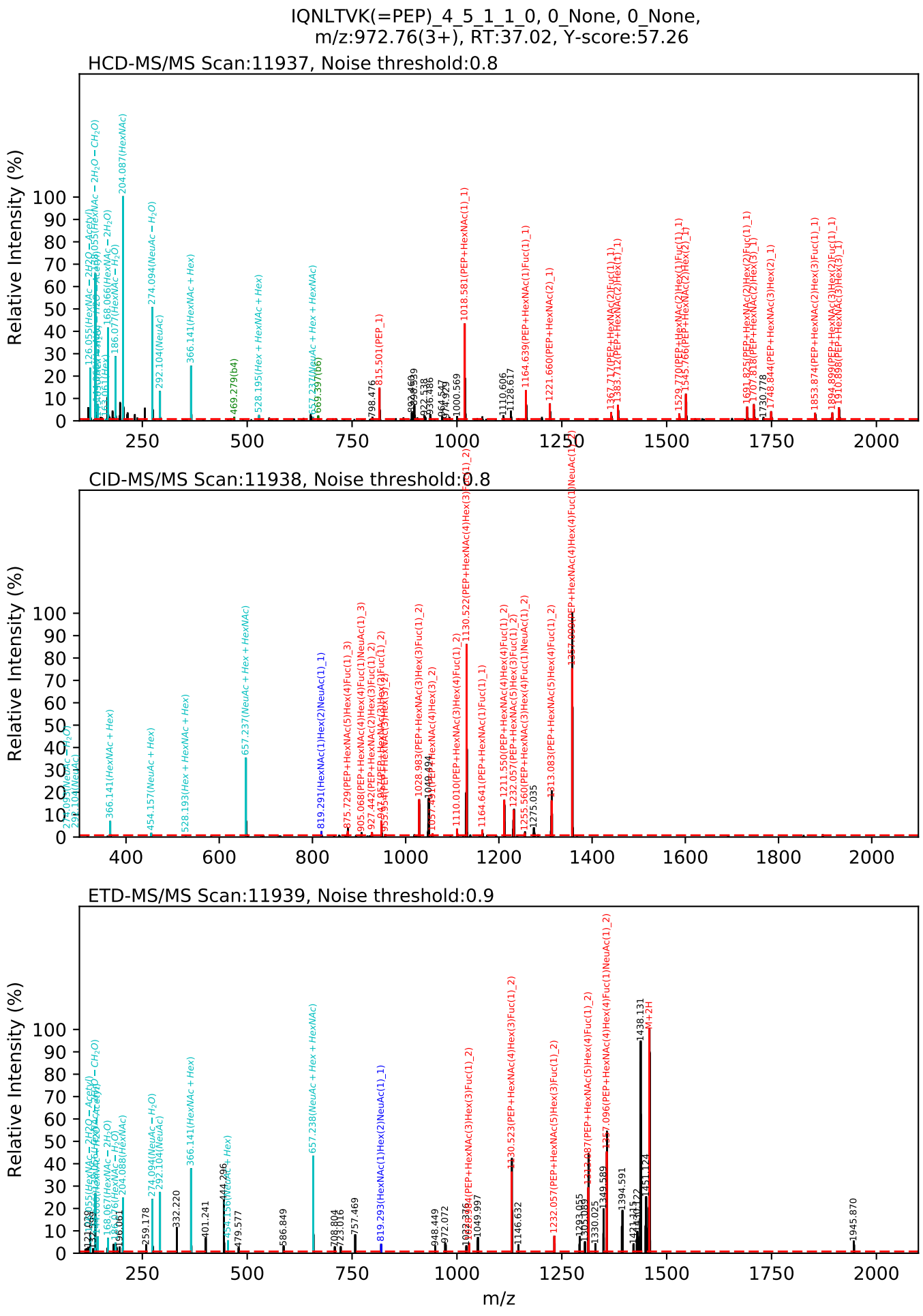

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:972.76(3+), RT:36.37, Y-score:92.07
HCD-MS/MS Scan:11601, Noise threshold:0.8
CID-MS/MS Scan:11602, Noise threshold:0.8
ETD-MS/MS Scan:11603, Noise threshold:1.4
Relative Intensity (%)
m/z

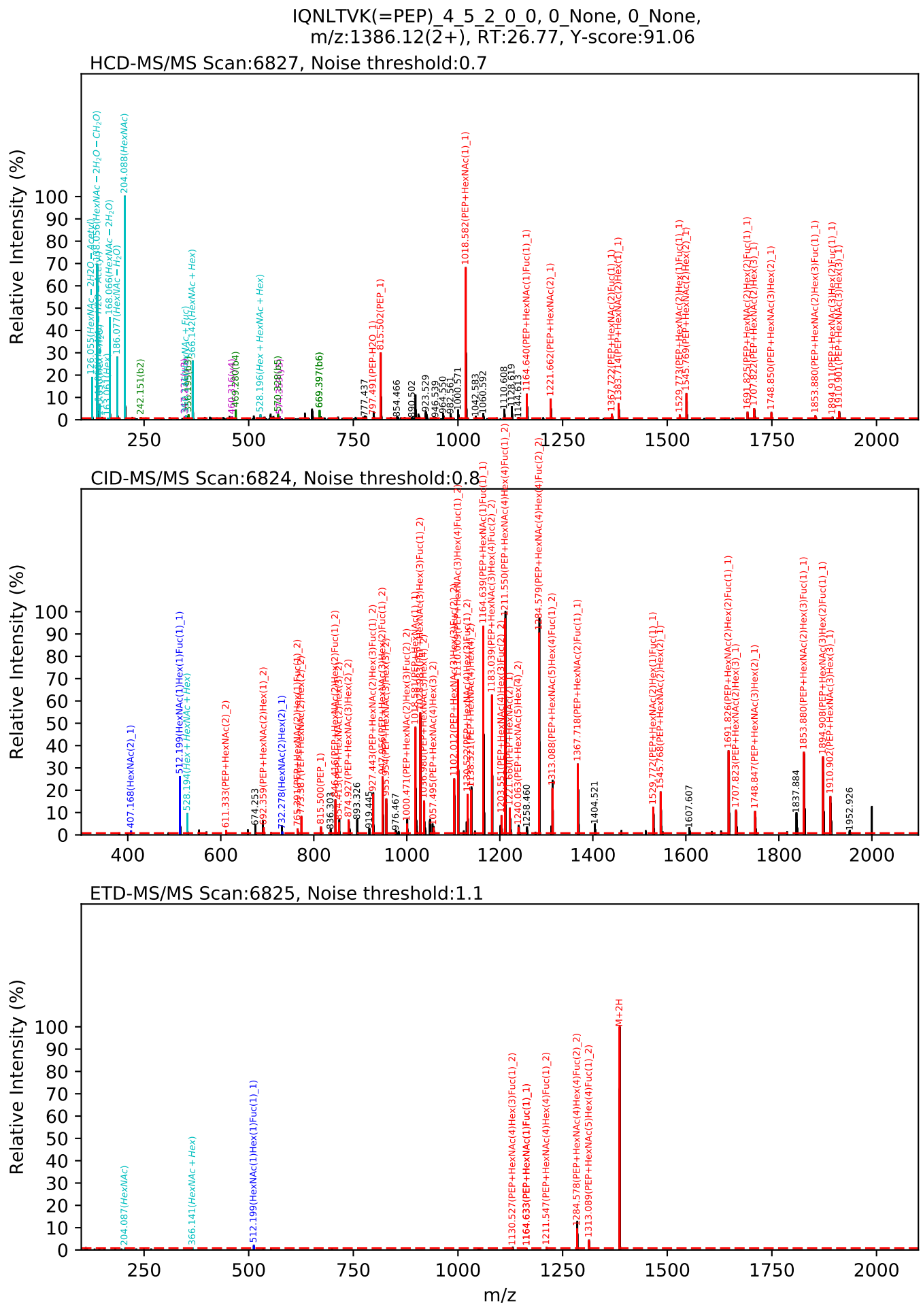

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:37.04, Y-score:92.63
HCD-MS/MS Scan:11947, Noise threshold:0.6
CID-MS/MS Scan:11948, Noise threshold:0.7
ETD-MS/MS Scan:11949, Noise threshold:0.8
Relative Intensity (%)
m/z

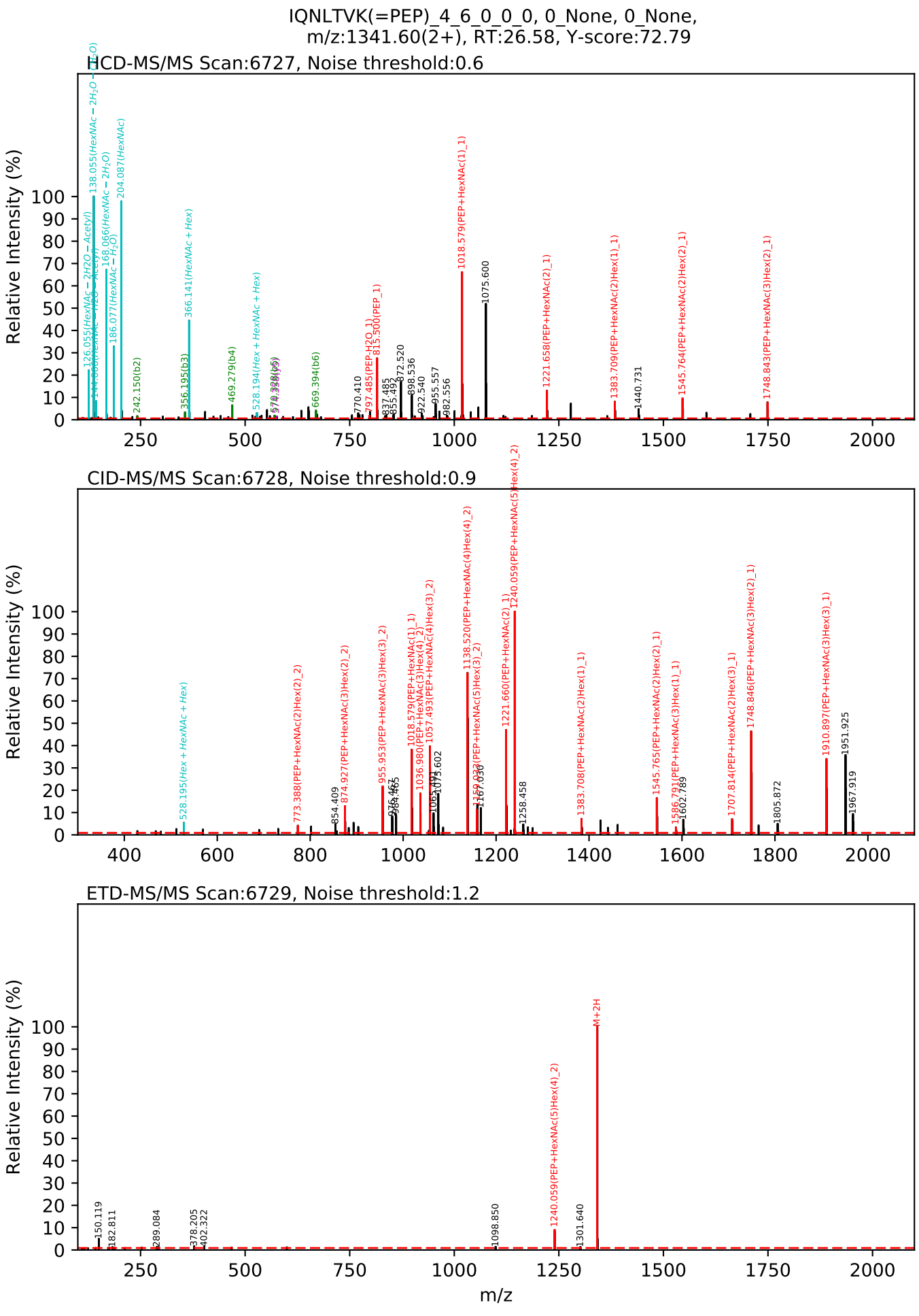

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:37.61, Y-score:93.17
HCD-MS/MS Scan:12233, Noise threshold:0.6
CID-MS/MS Scan:12234, Noise threshold:0.9
ETD-MS/MS Scan:12235, Noise threshold:1.1
Relative Intensity (%)
m/z

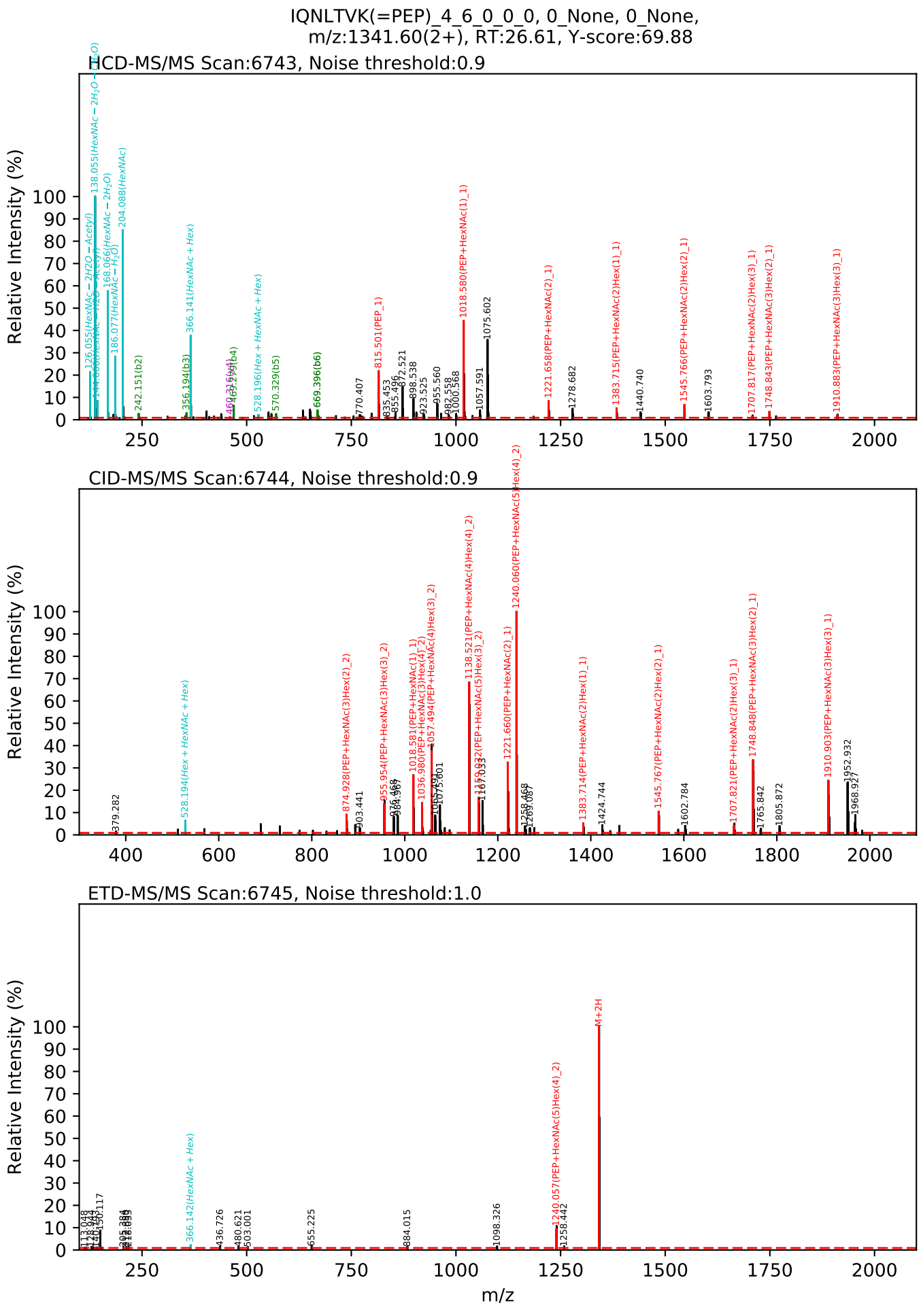

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:38.36, Y-score:87.59
HCD-MS/MS Scan:12606, Noise threshold:0.7
CID-MS/MS Scan:12604, Noise threshold:0.8
ETD-MS/MS Scan:12605, Noise threshold:1.0
Relative Intensity (%)
m/z

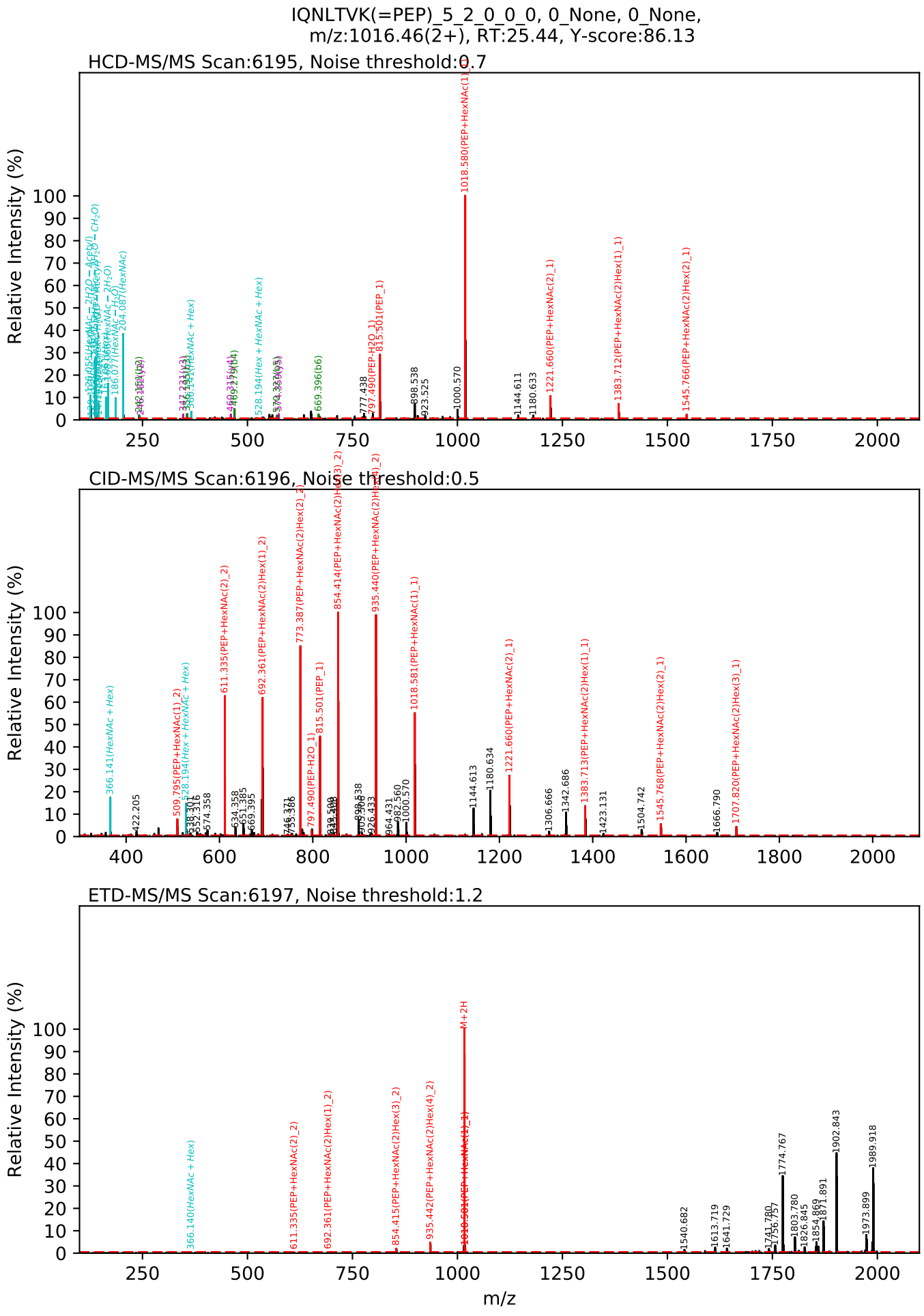

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:1458.63(2+), RT:38.38, Y-score:87.52
HCD-MS/MS Scan:12614, Noise threshold:0.6
CID-MS/MS Scan:12615, Noise threshold:0.8
ETD-MS/MS Scan:12616, Noise threshold:0.6
Relative Intensity (%)
m/z

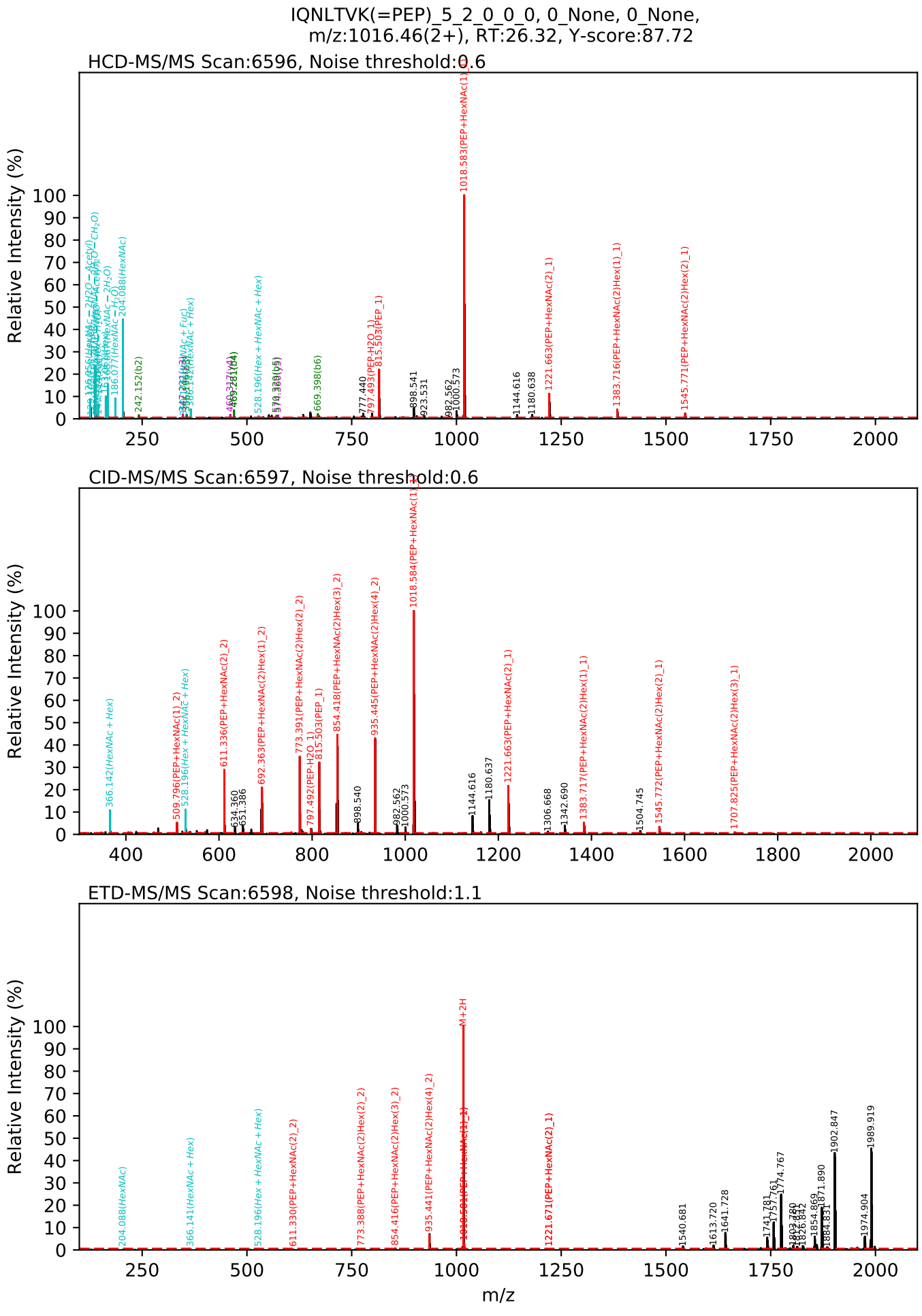

IQNLTVK(=PEP)_4_5_1_1_0, 0_None, 0_None,
m/z:972.76(3+), RT:37.02, Y-score:57.26
HCD-MS/MS Scan:11937, Noise threshold:0.8
CID-MS/MS Scan:11938, Noise threshold:0.8
ETD-MS/MS Scan:11939, Noise threshold:0.9
Relative Intensity (%)
m/z

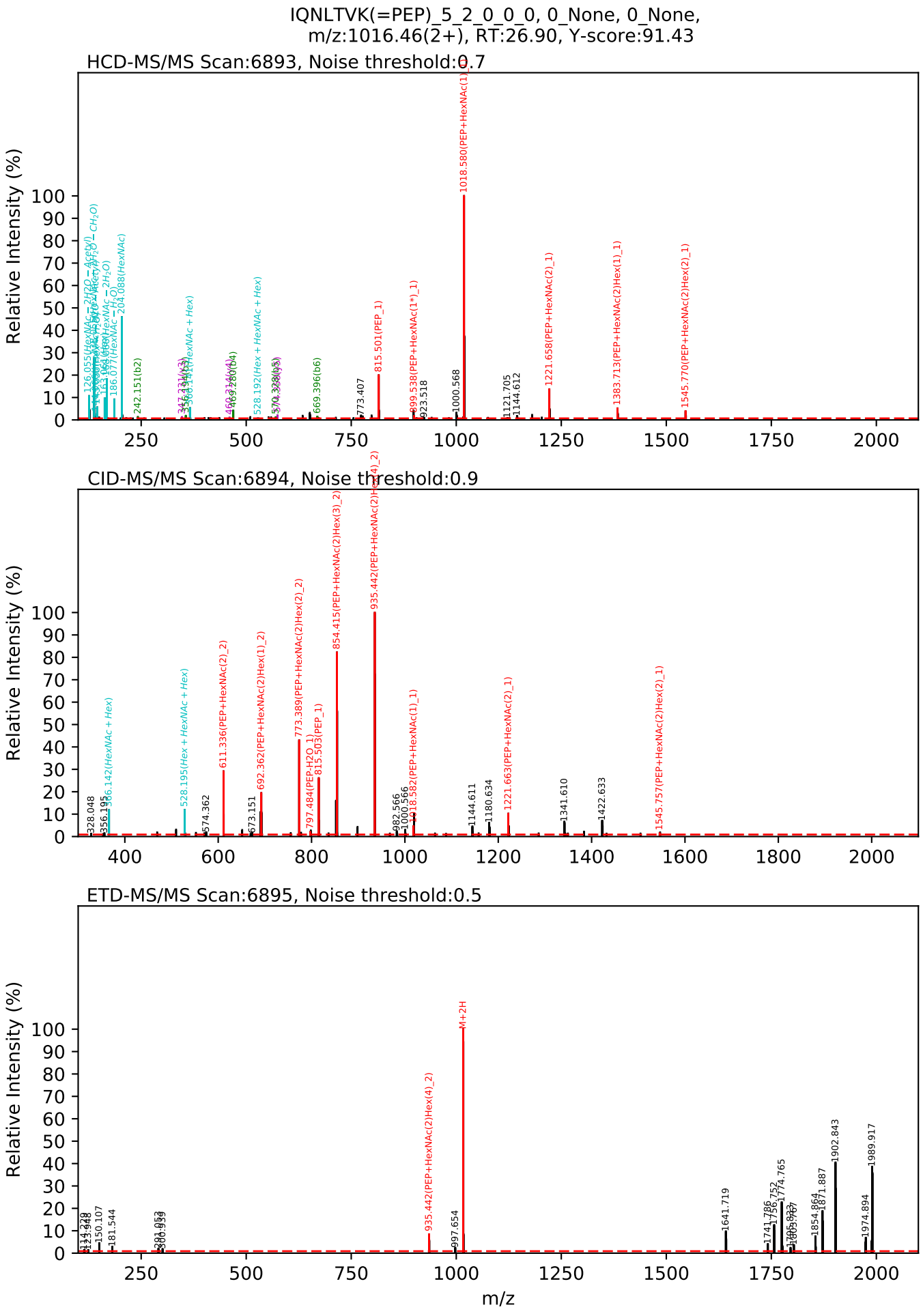

IQNLTVK(=PEP)_4_5_2_0_0, 0_None, 0_None,
m/z:1386.12(2+), RT:26.77, Y-score:91.06
HCD-MS/MS Scan:6827, Noise threshold:0.7
CID-MS/MS Scan:6824, Noise threshold:0.8
ETD-MS/MS Scan:6825, Noise threshold:1.1
Relative Intensity (%)
m/z

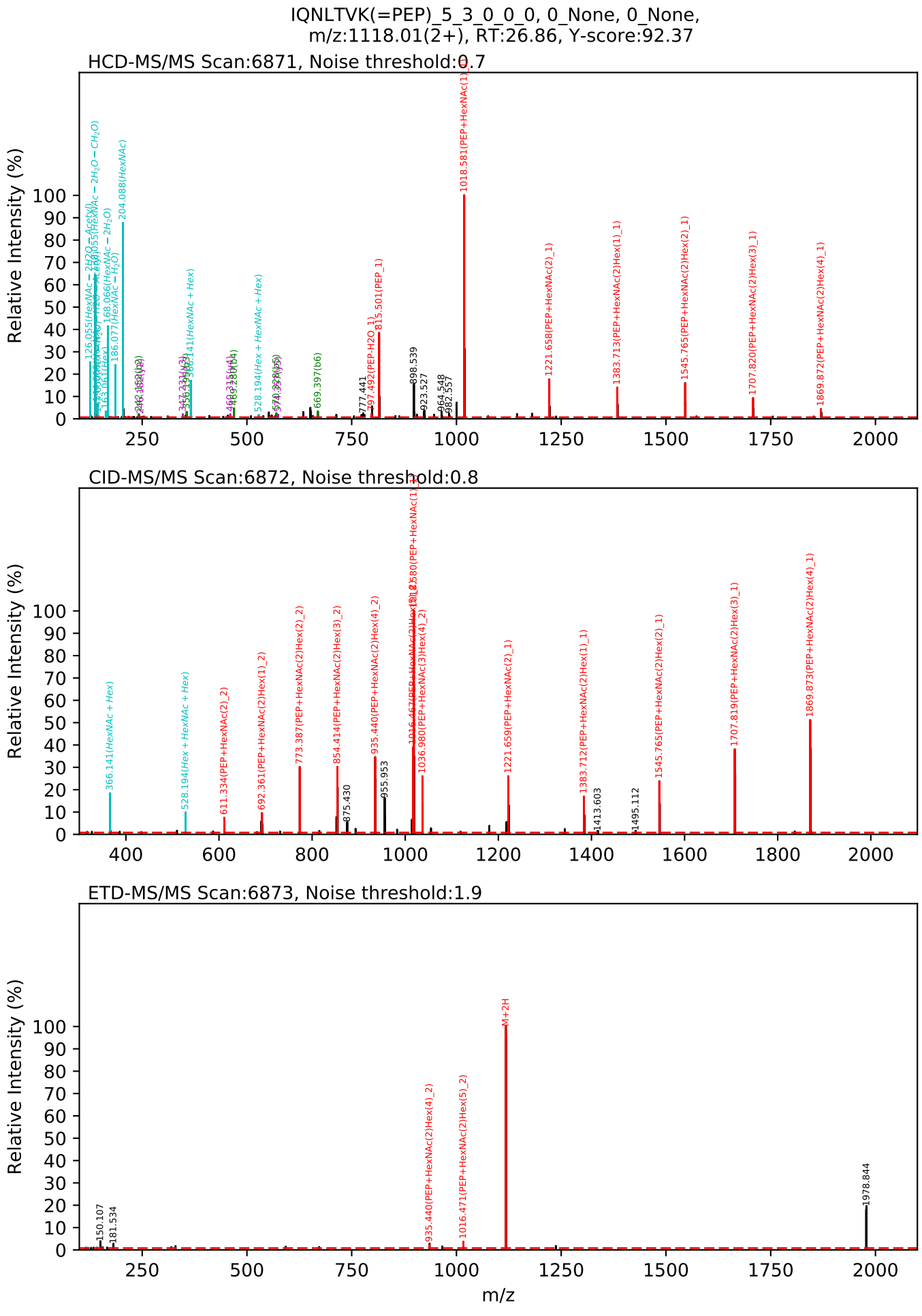

IQNLTVK(=PEP)_4_6_0_0_0, 0_None, 0_None,
m/z:1341.60(2+), RT:26.58, Y-score:72.79
HCD-MS/MS Scan:6727, Noise threshold:0.6
CID-MS/MS Scan:6728, Noise threshold:0.9
ETD-MS/MS Scan:6729, Noise threshold:1.2
Relative Intensity (%)
m/z

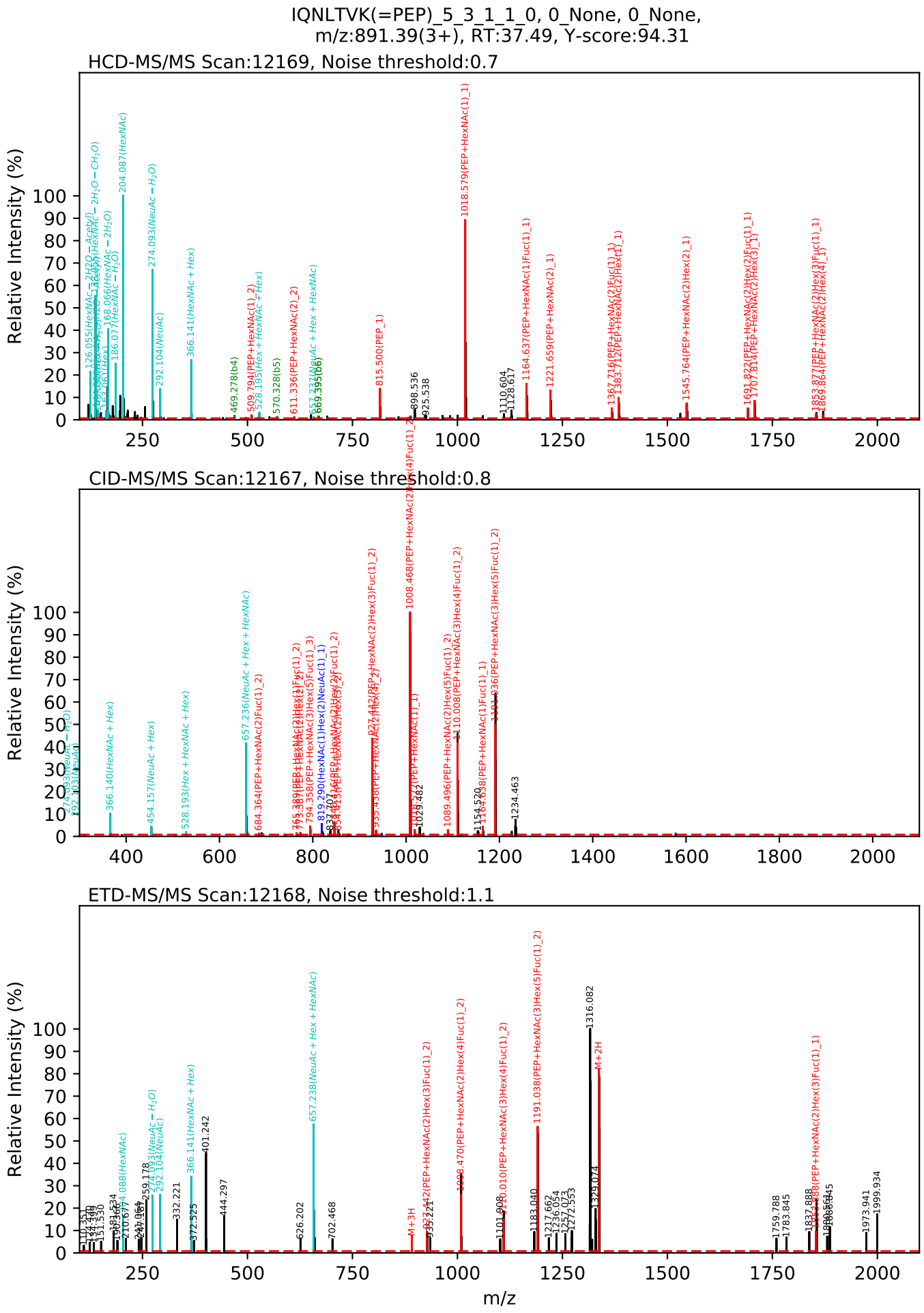

IQNLTVK(=PEP)_4_6_0_0_0_0, 0_None, 0_None,
m/z:1341.60(2+), RT:26.61, Y-score:69.88
HCD-MS/MS Scan:6743, Noise threshold:0.9
CID-MS/MS Scan:6744, Noise threshold:0.9
ETD-MS/MS Scan:6745, Noise threshold:1.0
Relative Intensity (%)
m/z

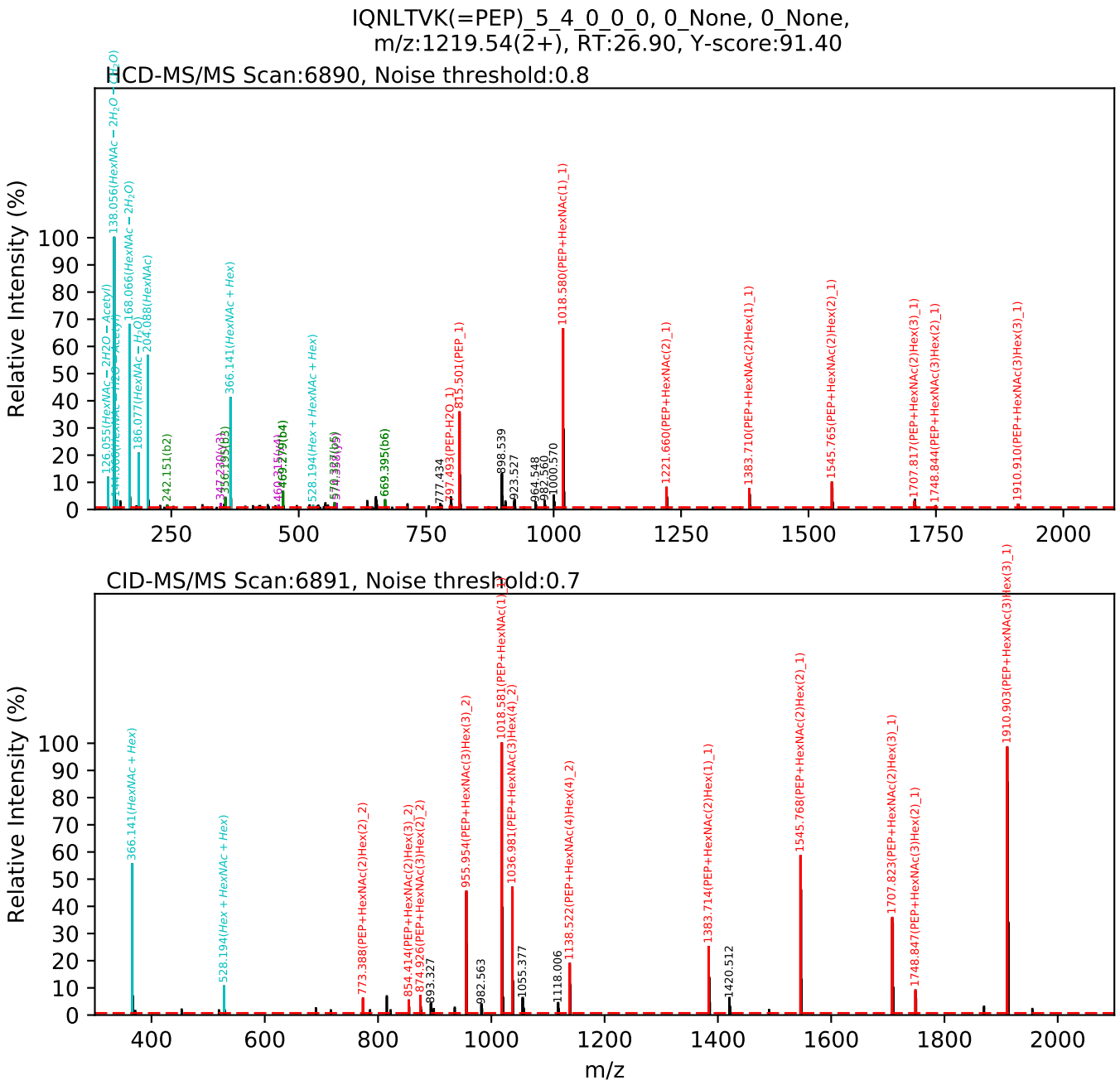

IQNLTVK(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1016.46(2+), RT:25.44, Y-score:86.13
HCD-MS/MS Scan:6195, Noise threshold:0.7
CID-MS/MS Scan:6196, Noise threshold:0.5
ETD-MS/MS Scan:6197, Noise threshold:1.2
Relative Intensity (%)
m/z

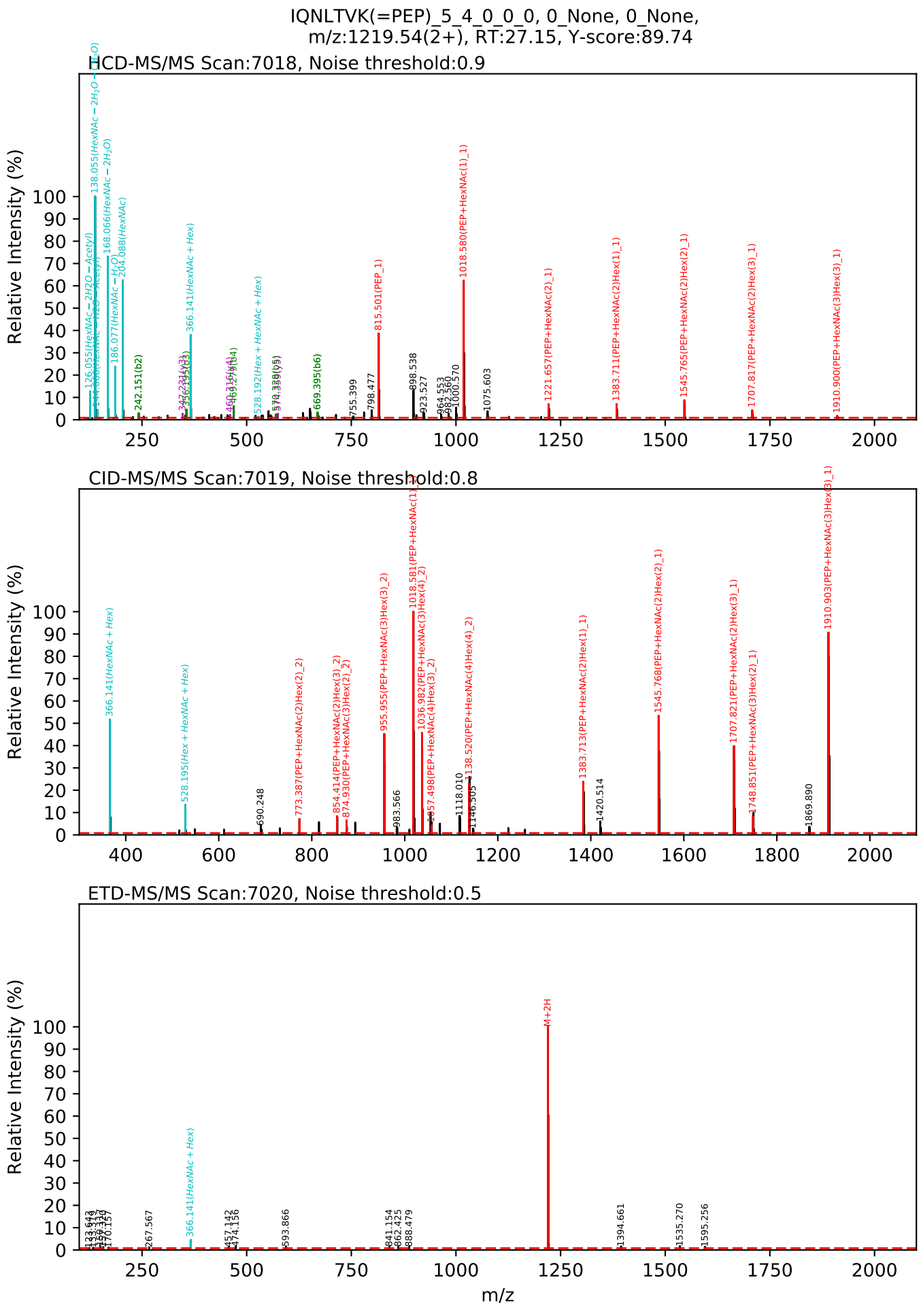

IQNLTVK(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1016.46(2+), RT:26.32, Y-score:87.72
HCD-MS/MS Scan:6596, Noise threshold:0.6
Relative Intensity (%)
1018.583(PEP+HexNAc(1)_1)
204.088(HexNAc)
242.152(b2)
528.196(Hex + HexNAc + Hex)
669.398(b6)
777.440
797.493(PEP-H2O_1)
815.503(PEP_1)
898.541
923.531
982.562
1000.573
1144.616
1180.638
1221.663(PEP+HexNAc(2)_1)
1383.716(PEP+HexNAc(2)Hex(1)_1)
1545.771(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:6597, Noise threshold:0.6
Relative Intensity (%)
366.142(HexNAc + Hex)
509.796(PEP+HexNAc(1)_2)
528.196(Hex + HexNAc + Hex)
611.336(PEP+HexNAc(2)_2)
634.360
651.386
692.363(PEP+HexNAc(2)Hex(1)_2)
773.391(PEP+HexNAc(2)Hex(2)_2)
797.492(PEP-H2O_1)
815.503(PEP_1)
854.418(PEP+HexNAc(2)Hex(3)_2)
898.540
935.445(PEP+HexNAc(2)Hex(4)_2)
982.562
1000.573
1018.584(PEP+HexNAc(1)_1)
1144.616
1180.637
1221.663(PEP+HexNAc(2)_1)
1306.668
1342.690
1383.717(PEP+HexNAc(2)Hex(1)_1)
1504.745
1545.772(PEP+HexNAc(2)Hex(2)_1)
1707.825(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:6598, Noise threshold:1.1
Relative Intensity (%)
204.088(HexNAc)
366.141(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
611.330(PEP+HexNAc(2)_2)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.416(PEP+HexNAc(2)Hex(3)_2)
935.441(PEP+HexNAc(2)Hex(4)_2)
M+2H
1221.671(PEP+HexNAc(2)_1)
1540.681
1613.720
1641.728
1741.781
1757.761
1774.767
1803.780
1826.842
1854.869
1884.831
1902.847
1974.904
1989.919
m/z

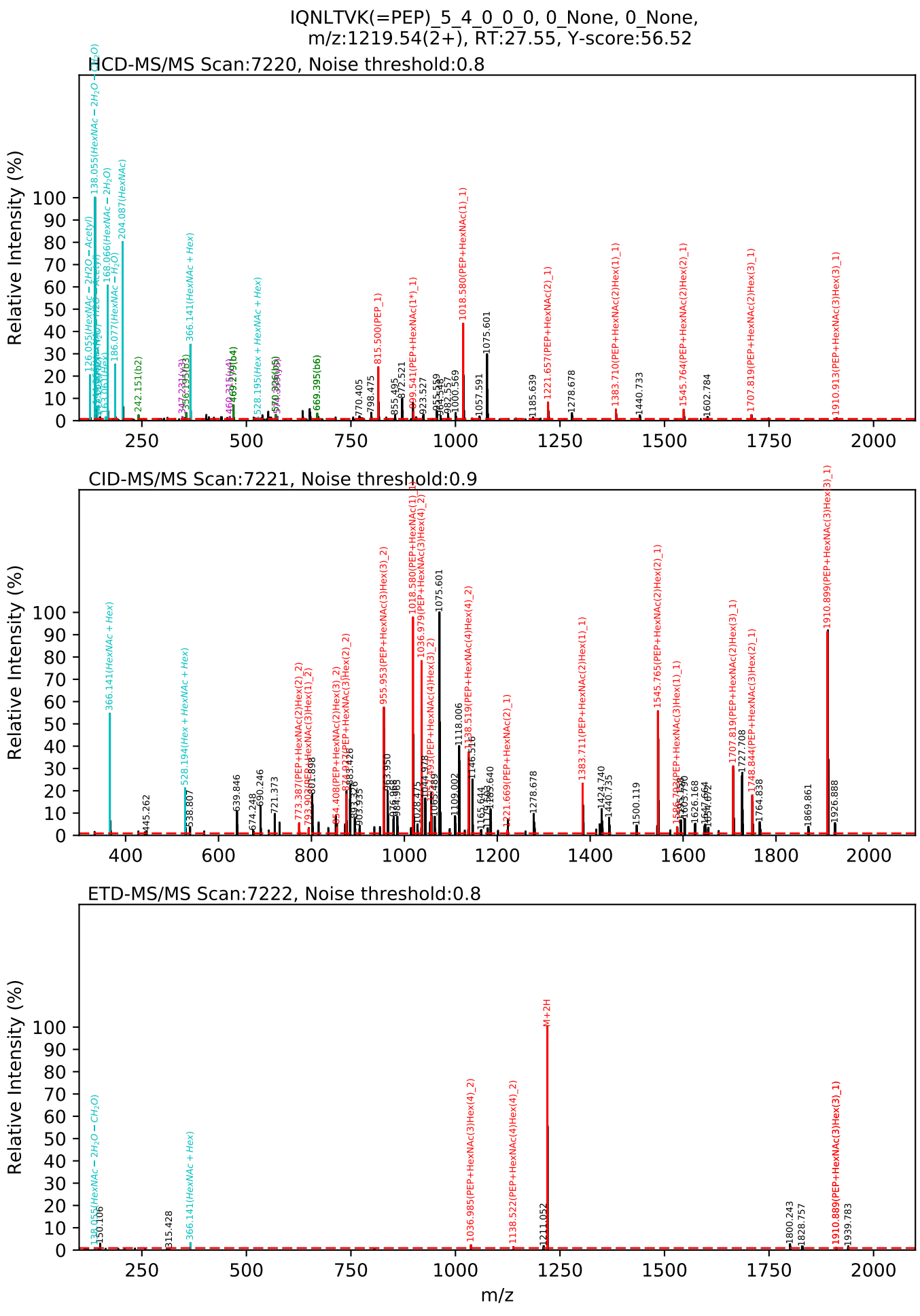

IQNLTVK(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1016.46(2+), RT:26.90, Y-score:91.43
HCD-MS/MS Scan:6893, Noise threshold:0.7
Relative Intensity (%)
1018.580(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.658(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.770(PEP+HexNAc(2)Hex(2)_1)
899.538(PEP+HexNAc(1*)_1)
528.192(Hex + HexNAc + Hex)
242.151(b2)
669.396(b6)
773.407
923.518
1000.568
1121.705
1144.612
CID-MS/MS Scan:6894, Noise threshold:0.9
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)
611.336(PEP+HexNAc(2)_2)
692.362(PEP+HexNAc(2)Hex(1)_2)
528.195(Hex + HexNAc + Hex)
536.142(HexNAc + Hex)
815.503(PEP_1)
797.484(PEP-H2O_1)
1221.663(PEP+HexNAc(2)_1)
1545.757(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:6895, Noise threshold:0.5
Relative Intensity (%)
M+2H
935.442(PEP+HexNAc(2)Hex(4)_2)
997.654
1641.719
1902.843
1989.917
m/z

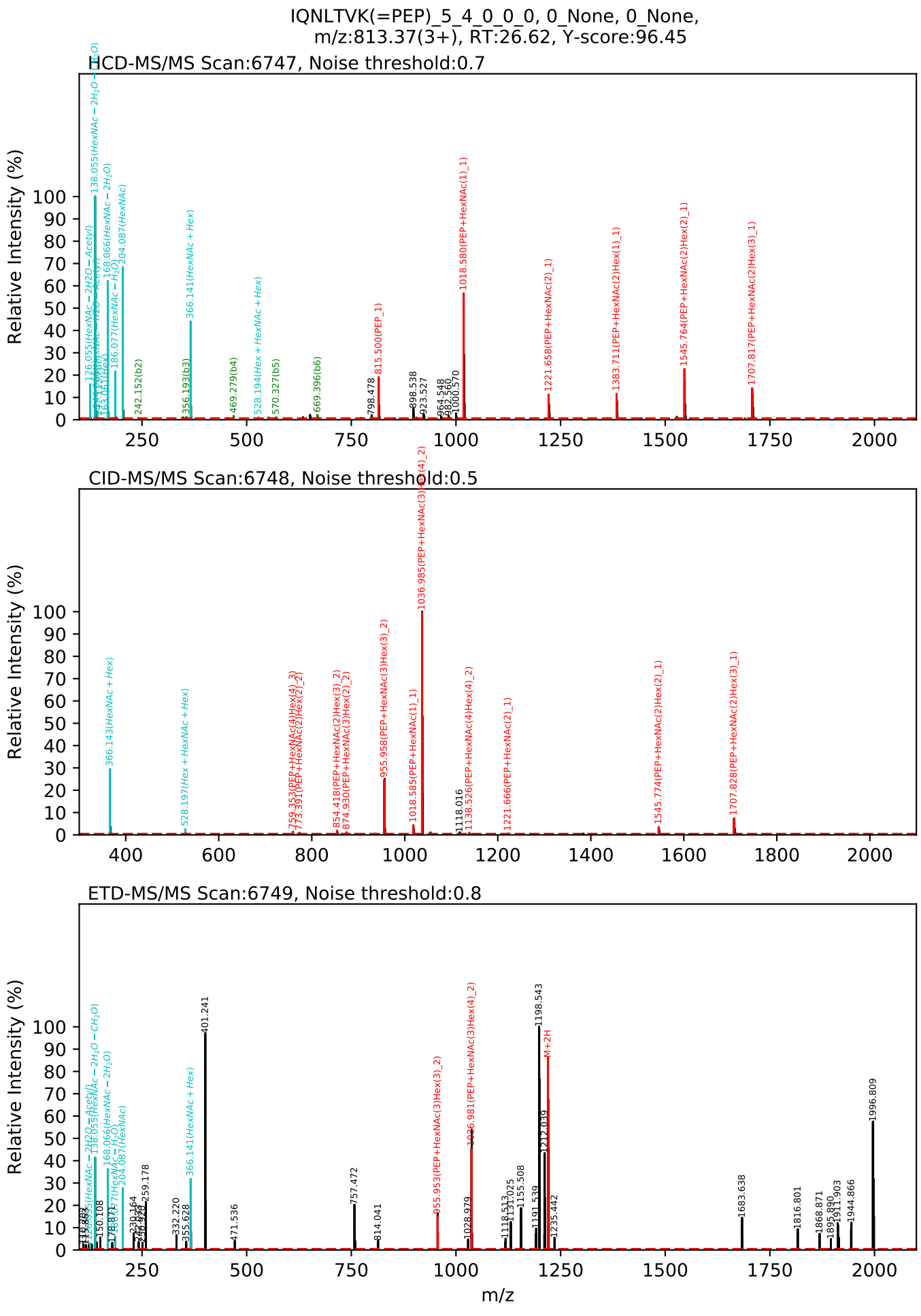

IQNLTVK(=PEP)_5_3_0_0_0, 0_None, 0_None,
m/z:1118.01(2+), RT:26.86, Y-score:92.37
HCD-MS/MS Scan:6871, Noise threshold:0.7
CID-MS/MS Scan:6872, Noise threshold:0.8
ETD-MS/MS Scan:6873, Noise threshold:1.9
Relative Intensity (%)
m/z
M+2H
1018.581(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1869.872(PEP+HexNAc(2)Hex(4)_1)
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)
1036.980(PEP+HexNAc(3)Hex(4)_2)
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)
1869.873(PEP+HexNAc(2)Hex(4)_1)
1978.844

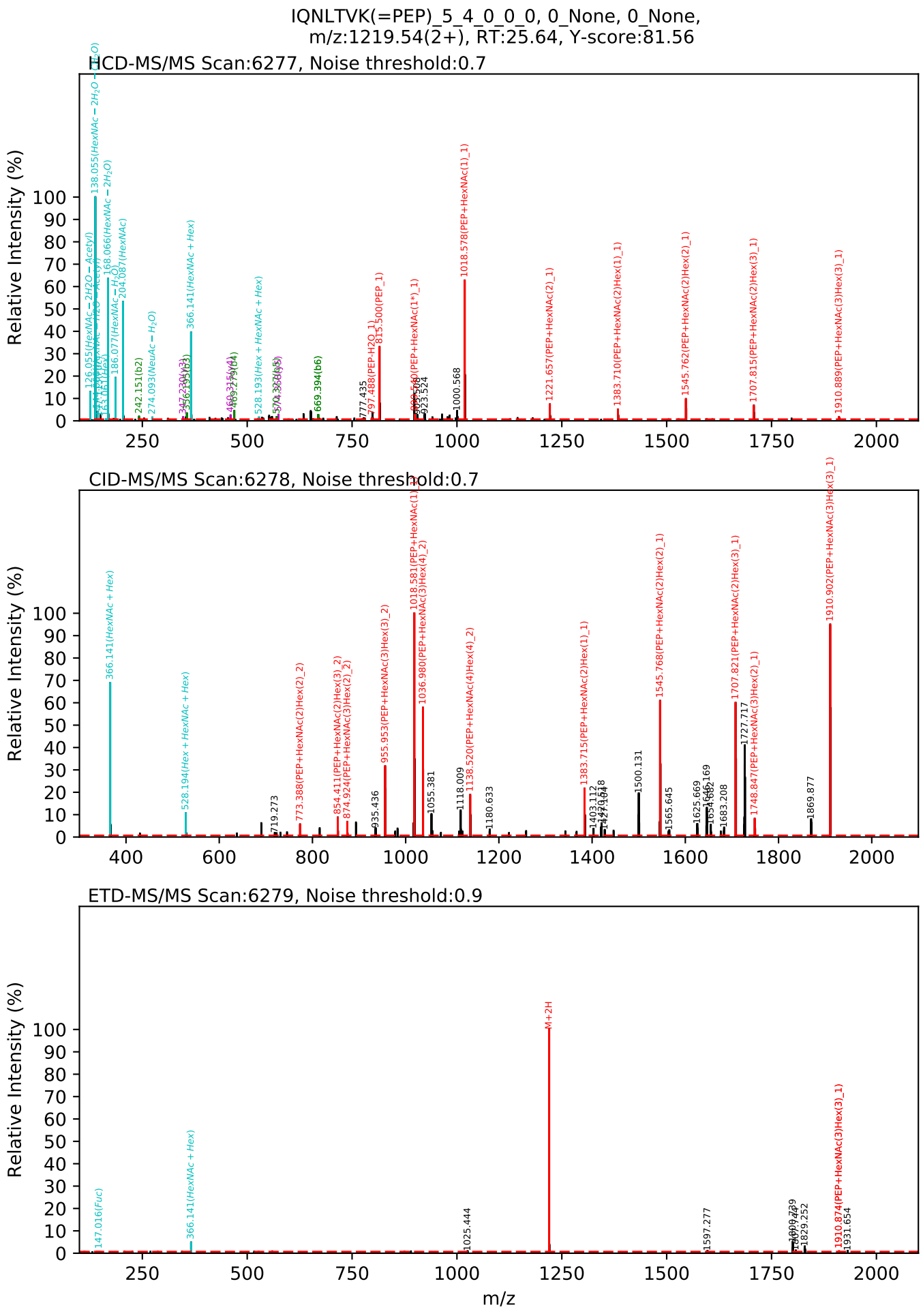

IQNLTVK(=PEP)_5_3_1_1_0, 0_None, 0_None,
m/z:891.39(3+), RT:37.49, Y-score:94.31
HCD-MS/MS Scan:12169, Noise threshold:0.7
CID-MS/MS Scan:12167, Noise threshold:0.8
ETD-MS/MS Scan:12168, Noise threshold:1.1
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:26.90, Y-score:91.40
HCD-MS/MS Scan:6890, Noise threshold:0.8
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)
528.194(Hex + HexNAc + Hex)
669.395(b6)
777.434
897.493(PEP-H2O_1)
815.501(PEP_1)
898.539
923.527
1000.570
1018.580(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1748.844(PEP+HexNAc(3)Hex(2)_1)
1910.910(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:6891, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
773.388(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.926(PEP+HexNAc(3)Hex(2)_2)
893.327
955.954(PEP+HexNAc(3)Hex(3)_2)
982.563
1018.581(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1055.377
1118.006
1138.522(PEP+HexNAc(4)Hex(4)_2)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1420.512
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.823(PEP+HexNAc(2)Hex(3)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
m/z

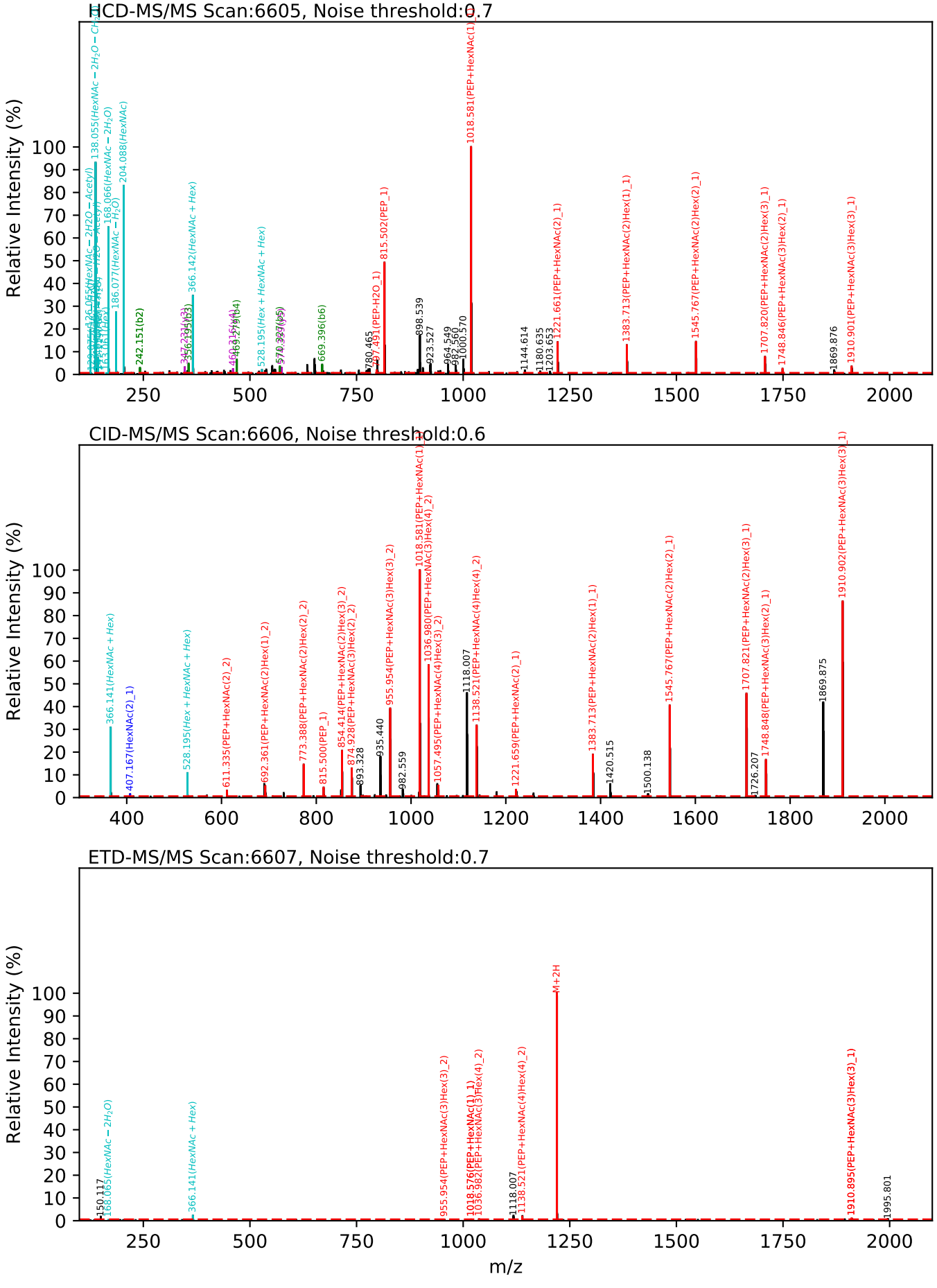

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:27.15, Y-score:89.74
HCD-MS/MS Scan:7018, Noise threshold:0.9
CID-MS/MS Scan:7019, Noise threshold:0.8
ETD-MS/MS Scan:7020, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

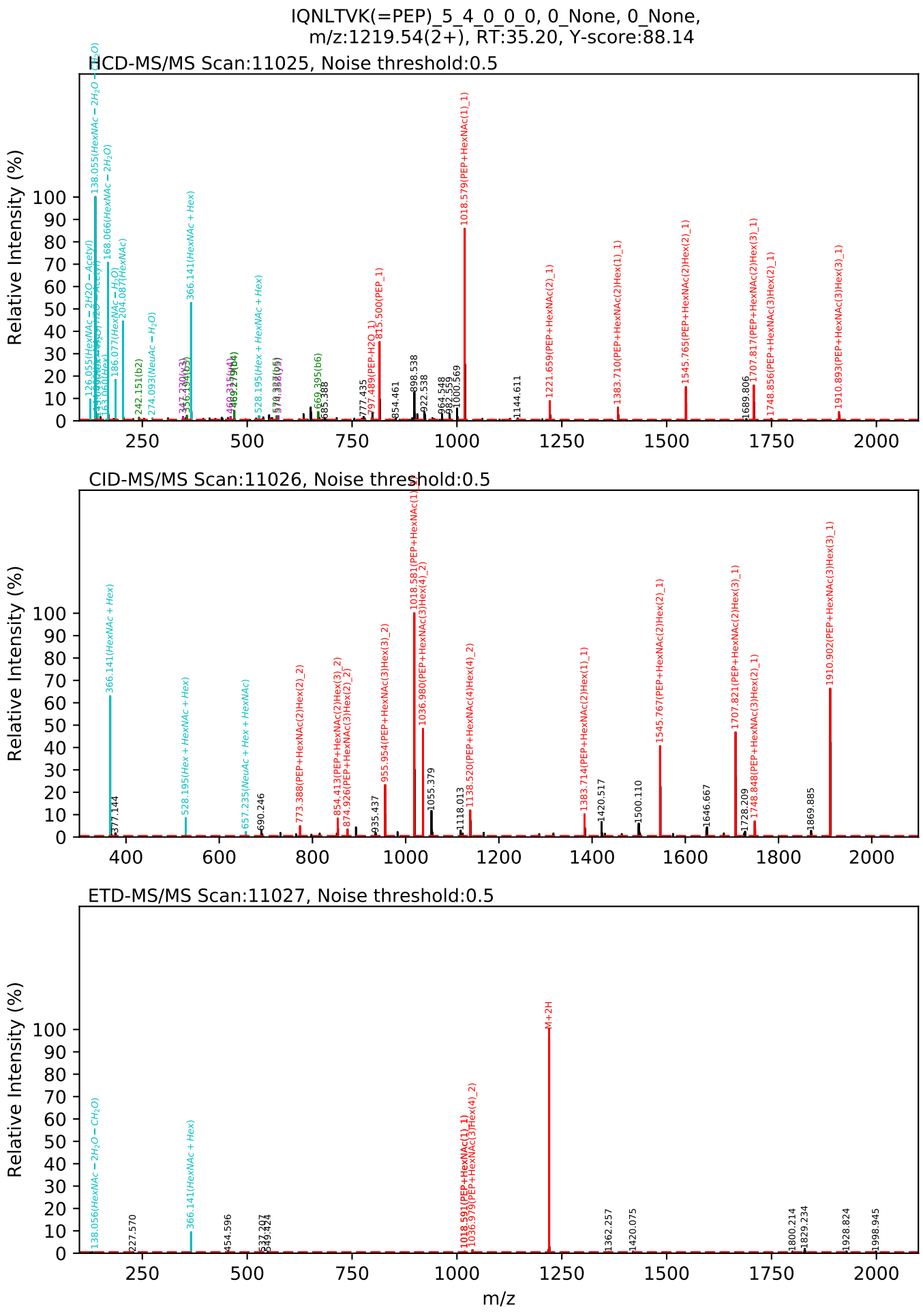

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:27.55, Y-score:56.52
HCD-MS/MS Scan:7220, Noise threshold:0.8
CID-MS/MS Scan:7221, Noise threshold:0.9
ETD-MS/MS Scan:7222, Noise threshold:0.8
Relative Intensity (%)
m/z

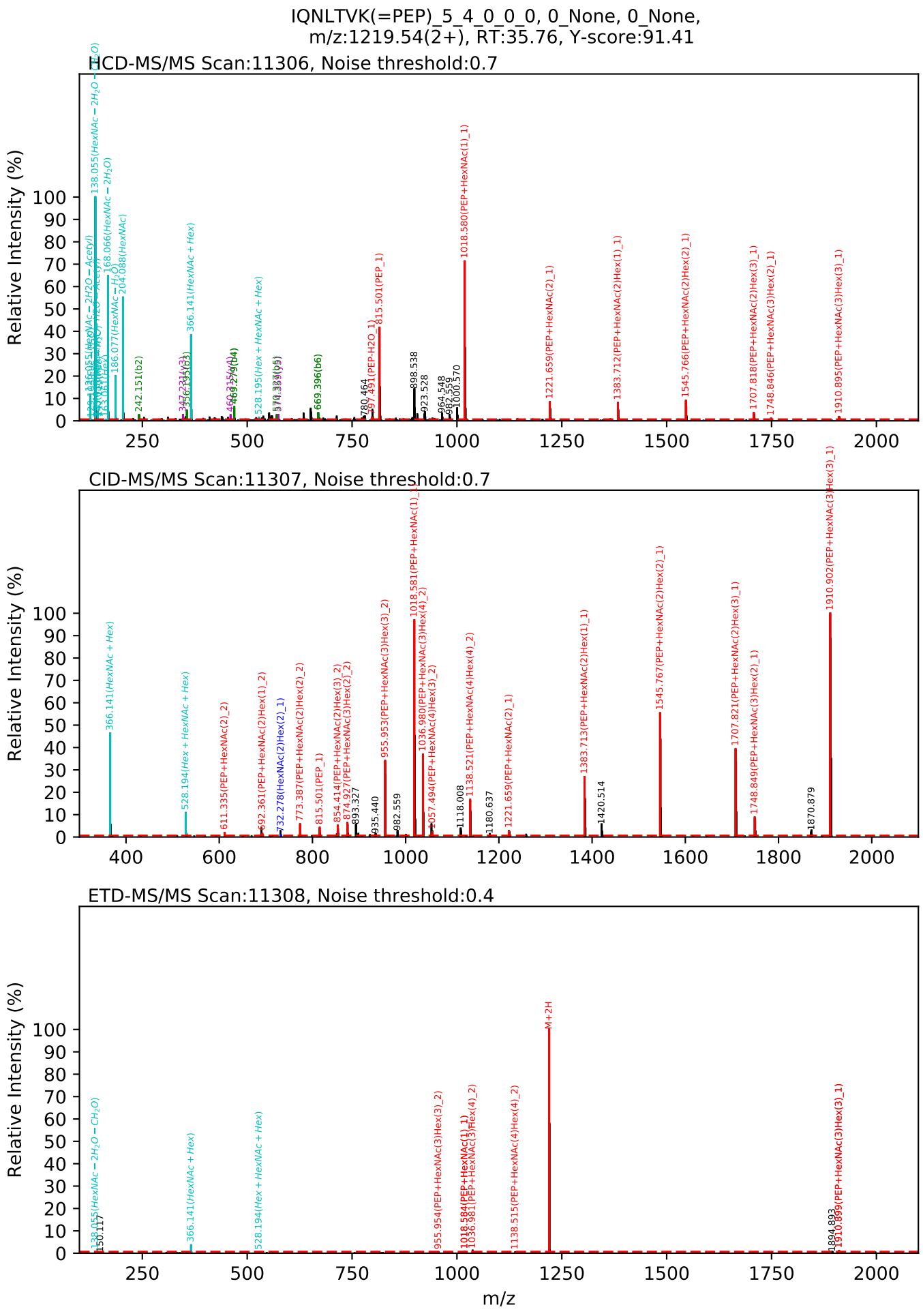

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:813.37(3+), RT:26.62, Y-score:96.45
HCD-MS/MS Scan:6747, Noise threshold:0.7
Relative Intensity (%)
242.152(b2)
356.193(b3)
366.141(HexNAc + Hex)
469.279(b4)
528.194(Hex + HexNAc + Hex)
570.327(b5)
669.396(b6)
798.478
815.500(PEP_1)
898.538
923.527
1000.570
1018.580(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)
CID-MS/MS Scan:6748, Noise threshold:0.5
Relative Intensity (%)
366.143(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
759.353(PEP+HexNAc(4)Hex(4)_3)
773.391(PEP+HexNAc(2)Hex(2)_2)
854.418(PEP+HexNAc(2)Hex(3)_2)
874.930(PEP+HexNAc(3)Hex(2)_2)
955.958(PEP+HexNAc(3)Hex(3)_2)
1018.585(PEP+HexNAc(1)_1)
1036.985(PEP+HexNAc(3)Hex(4)_2)
1118.016
1138.526(PEP+HexNAc(4)Hex(4)_2)
1221.666(PEP+HexNAc(2)_1)
1545.774(PEP+HexNAc(2)Hex(2)_1)
1707.828(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:6749, Noise threshold:0.8
Relative Intensity (%)
150.108
259.178
332.220
355.628
366.141(HexNAc + Hex)
401.241
471.536
757.472
814.041
955.953(PEP+HexNAc(3)Hex(3)_2)
1028.979
1036.981(PEP+HexNAc(3)Hex(4)_2)
1118.513
1131.025
1155.508
1191.539
1198.543
M+2H
1212.039
1235.442
1683.638
1816.801
1868.871
1895.890
1911.903
1944.866
1996.809
m/z

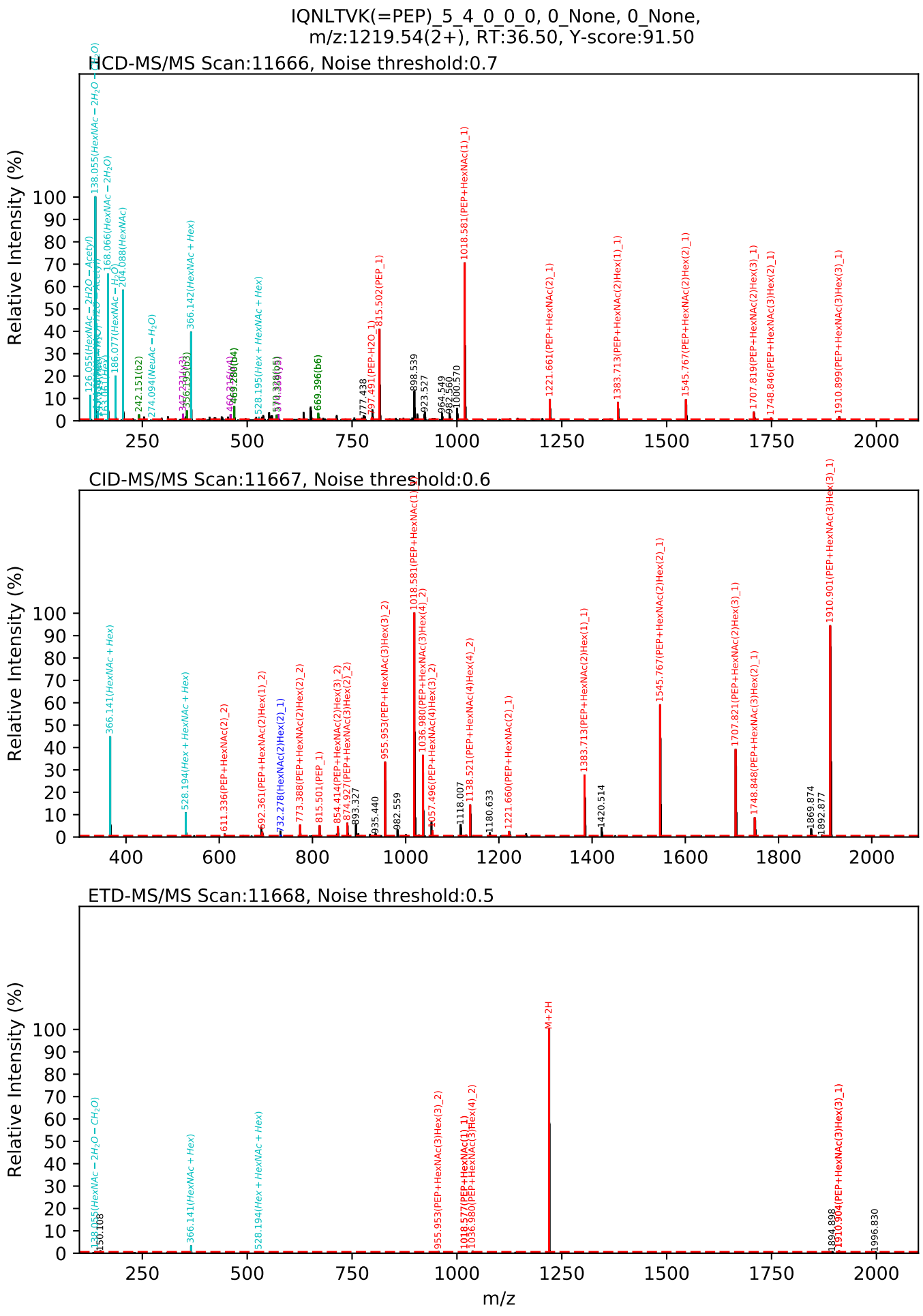

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:25.64, Y-score:81.56
HCD-MS/MS Scan:6277, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O − Acetyl)
204.087(HexNAc)
242.151(b2)
274.093(NeuAc − H2O)
347.230(y3)
366.141(HexNAc + Hex)
460.315(y4)
528.193(Hex + HexNAc + Hex)
669.394(b6)
777.435
797.488(PEP−H2O_1)
815.500(PEP_1)
1000.568
1018.578(PEP+HexNAc(1)_1)
1221.657(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.762(PEP+HexNAc(2)Hex(2)_1)
1707.815(PEP+HexNAc(2)Hex(3)_1)
1910.889(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:6278, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
719.273
773.388(PEP+HexNAc(2)Hex(2)_2)
854.411(PEP+HexNAc(2)Hex(3)_2)
874.924(PEP+HexNAc(3)Hex(2)_2)
935.436
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_2)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1055.381
1118.009
1138.520(PEP+HexNAc(4)Hex(4)_2)
1180.633
1383.715(PEP+HexNAc(2)Hex(1)_1)
1500.131
1545.768(PEP+HexNAc(2)Hex(2)_1)
1565.645
1625.669
1646.169
1683.208
1707.821(PEP+HexNAc(2)Hex(3)_1)
1727.717
1748.847(PEP+HexNAc(3)Hex(2)_1)
1869.877
1910.902(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:6279, Noise threshold:0.9
Relative Intensity (%)
147.016(Fuc)
366.141(HexNAc + Hex)
1025.444
M+2H
1597.277
1829.252
1910.874(PEP+HexNAc(3)Hex(3)_1)
1931.654
m/z

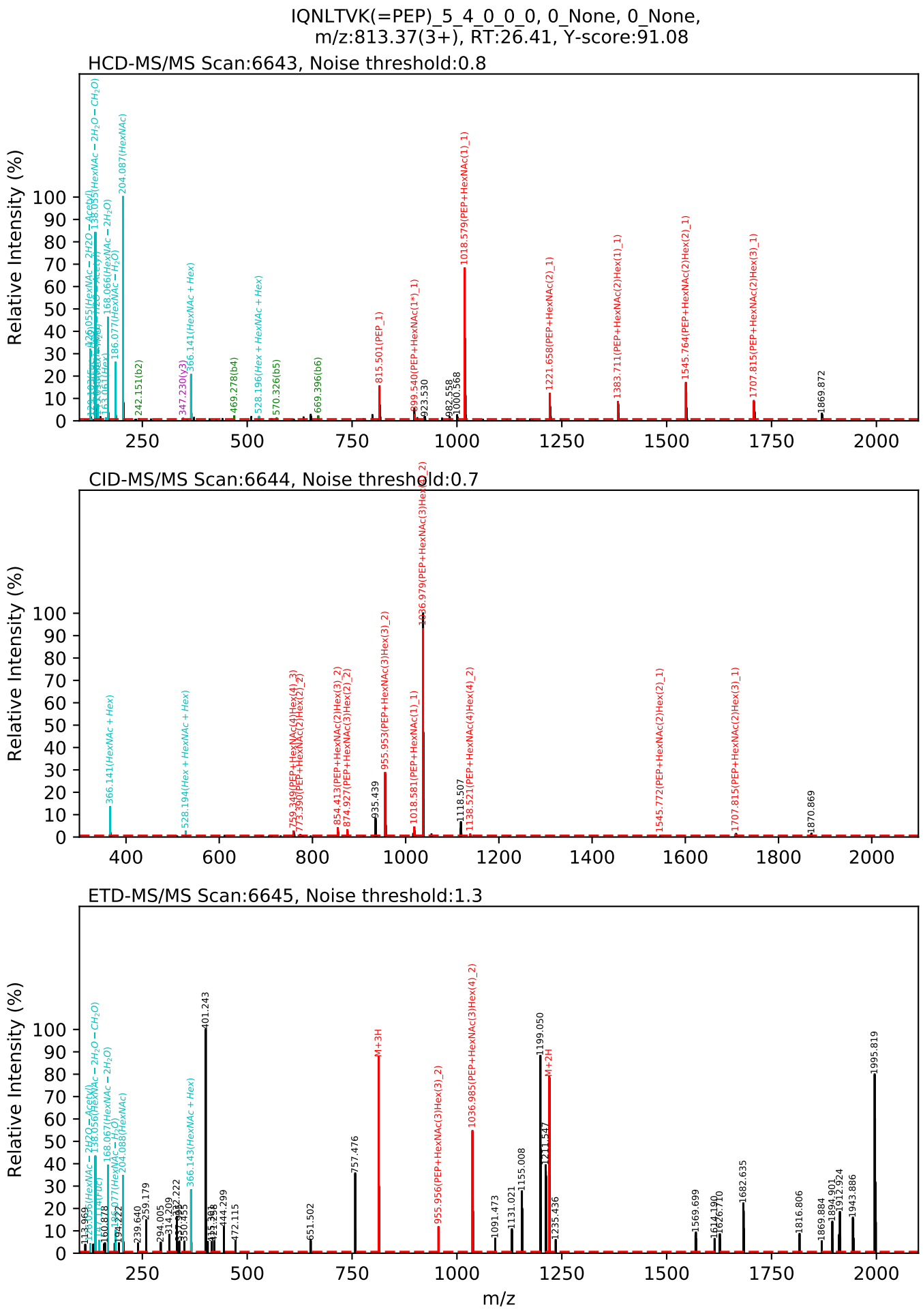
IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:26.33, Y-score:81.20

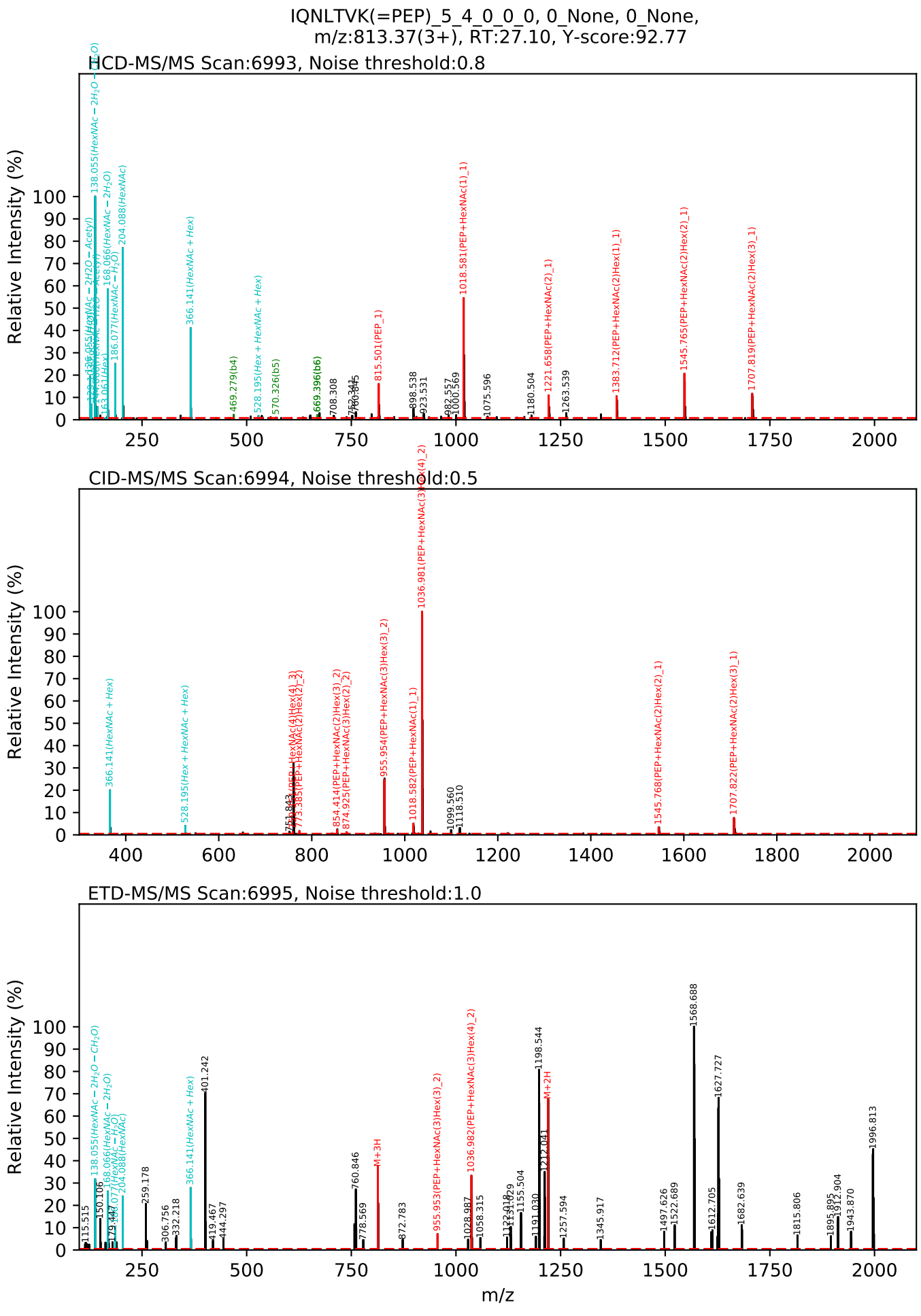


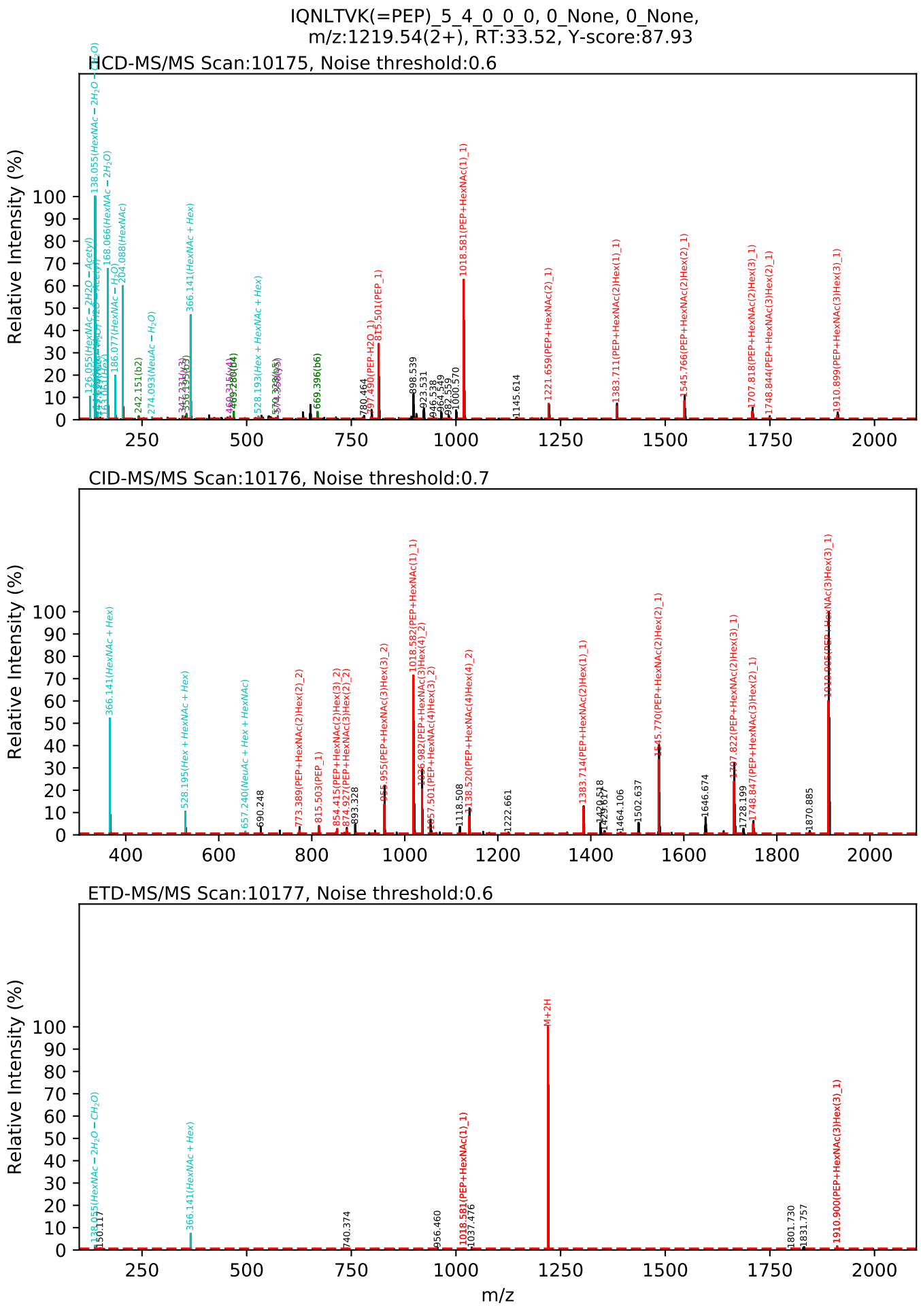

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:35.20, Y-score:88.14
HCD-MS/MS Scan:11025, Noise threshold:0.5
CID-MS/MS Scan:11026, Noise threshold:0.5
ETD-MS/MS Scan:11027, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

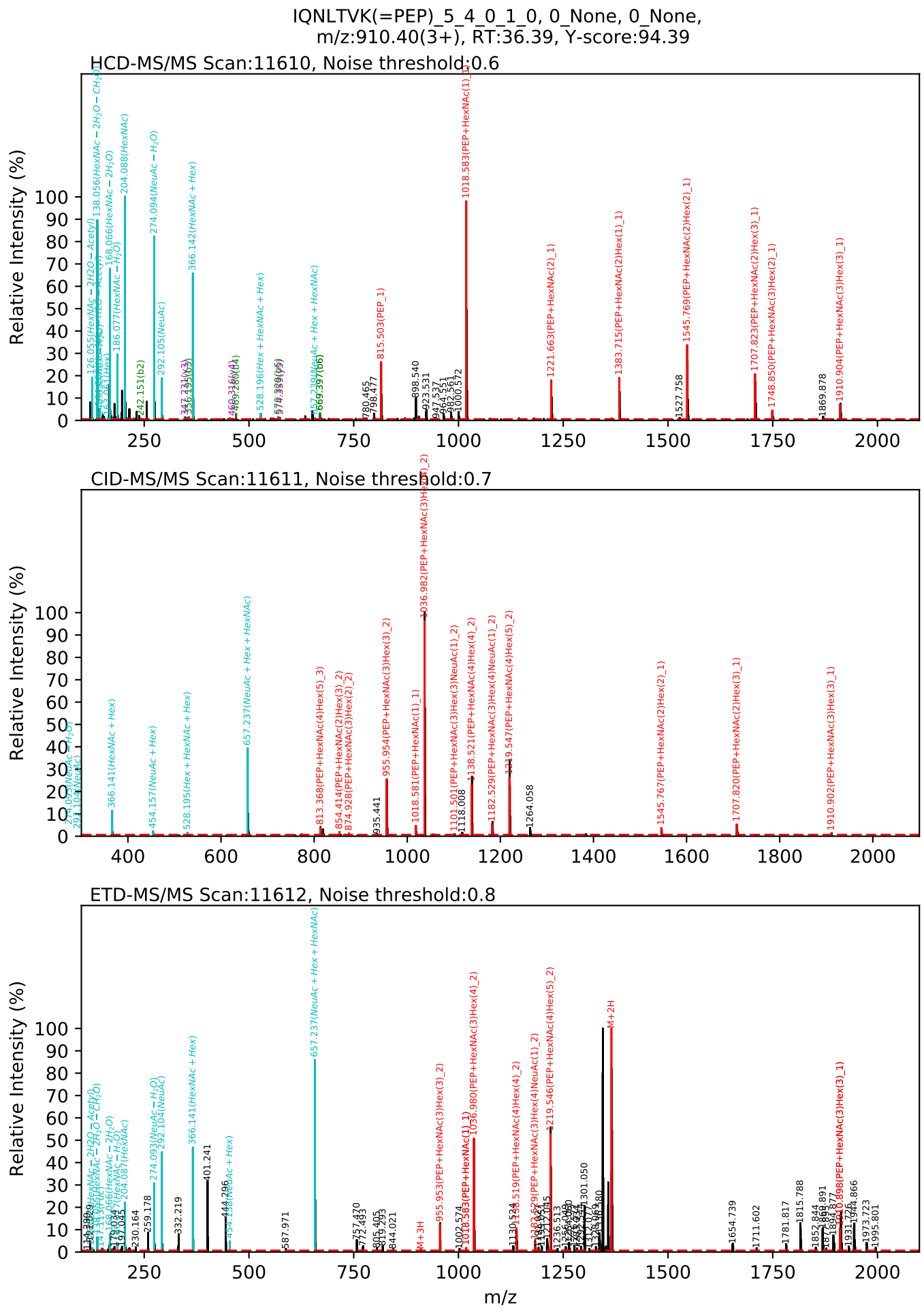

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:35.76, Y-score:91.41
HCD-MS/MS Scan:11306, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:11307, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:11308, Noise threshold:0.4
Relative Intensity (%)
m/z

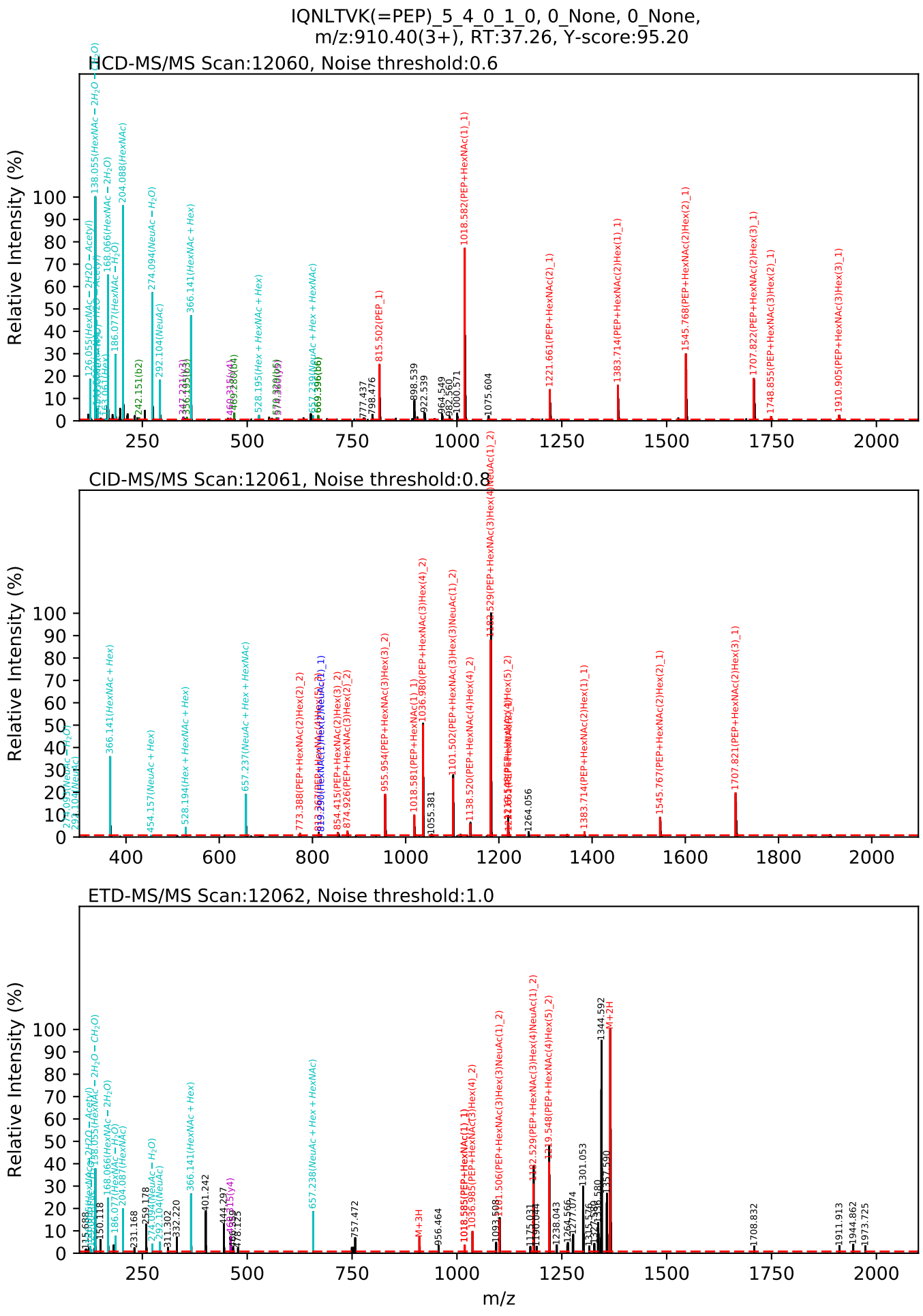

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:36.50, Y-score:91.50
HCD-MS/MS Scan:11666, Noise threshold:0.7
CID-MS/MS Scan:11667, Noise threshold:0.6
ETD-MS/MS Scan:11668, Noise threshold:0.5
Relative Intensity (%)
m/z

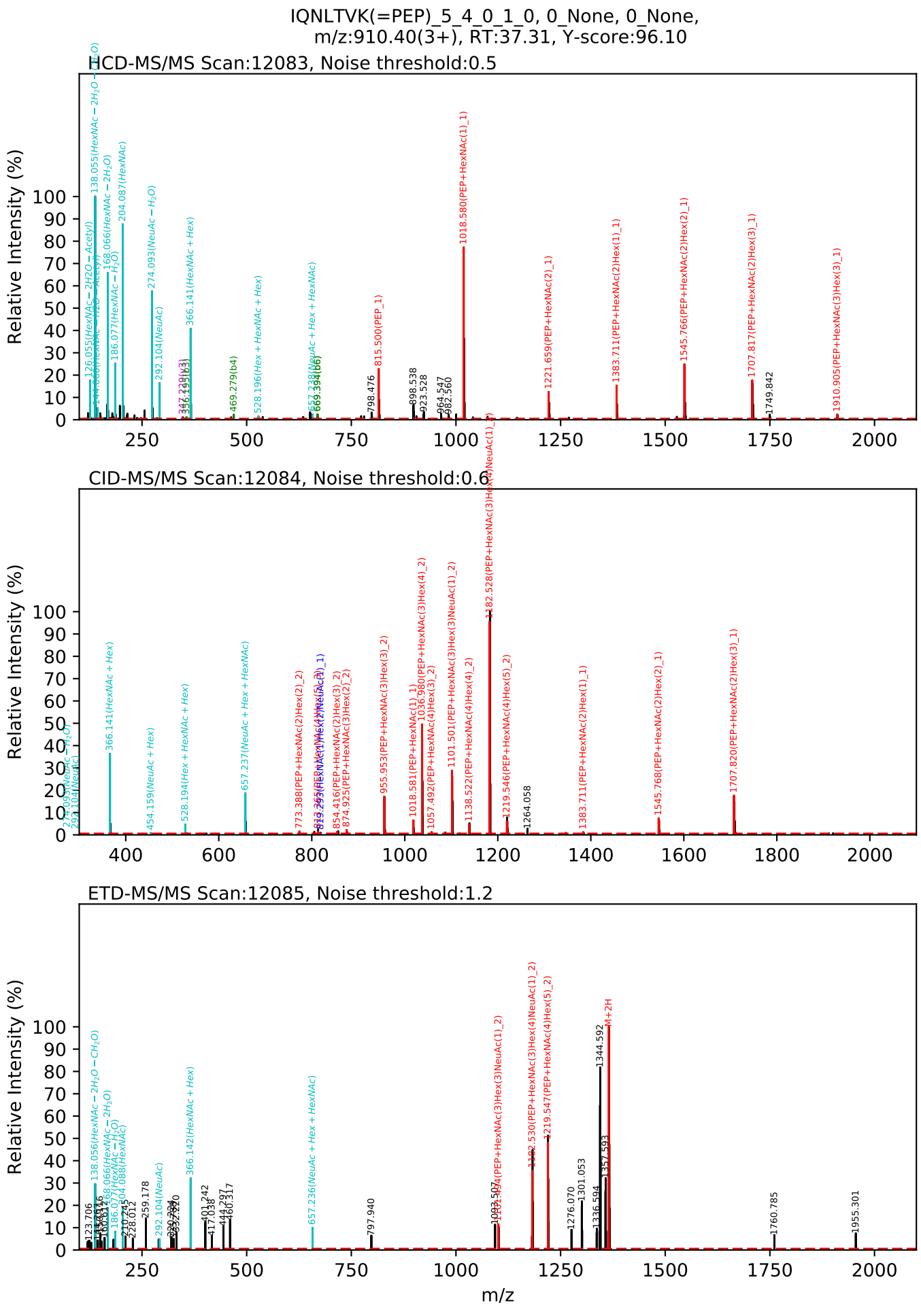

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:813.37(3+), RT:26.41, Y-score:91.08
HCD-MS/MS Scan:6643, Noise threshold:0.8
Relative Intensity (%)
204.087(HexNAc)
242.151(b2)
347.230(y3)
366.141(HexNAc + Hex)
469.278(b4)
528.196(Hex + HexNAc + Hex)
570.326(b5)
669.396(b6)
815.501(PEP_1)
899.540(PEP+HexNAc(1*)_1)
923.530
982.558
1000.568
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)
1707.815(PEP+HexNAc(2)Hex(3)_1)
1869.872
CID-MS/MS Scan:6644, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
759.349(PEP+HexNAc(4)Hex(4)_3)
773.390(PEP+HexNAc(2)Hex(2)_2)
854.413(PEP+HexNAc(2)Hex(3)_2)
874.927(PEP+HexNAc(3)Hex(2)_2)
935.439
955.953(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.979(PEP+HexNAc(3)Hex(4)_2)
1118.507
1138.521(PEP+HexNAc(4)Hex(4)_2)
1545.772(PEP+HexNAc(2)Hex(2)_1)
1707.815(PEP+HexNAc(2)Hex(3)_1)
1870.869
ETD-MS/MS Scan:6645, Noise threshold:1.3
Relative Intensity (%)
366.143(HexNAc + Hex)
401.243
M+3H
757.476
955.956(PEP+HexNAc(3)Hex(3)_2)
1036.985(PEP+HexNAc(3)Hex(4)_2)
1091.473
1131.021
1155.008
1199.050
M+2H
1211.547
1235.436
1569.699
1682.635
1816.806
1869.884
1894.901
1912.924
1943.886
1995.819
m/z

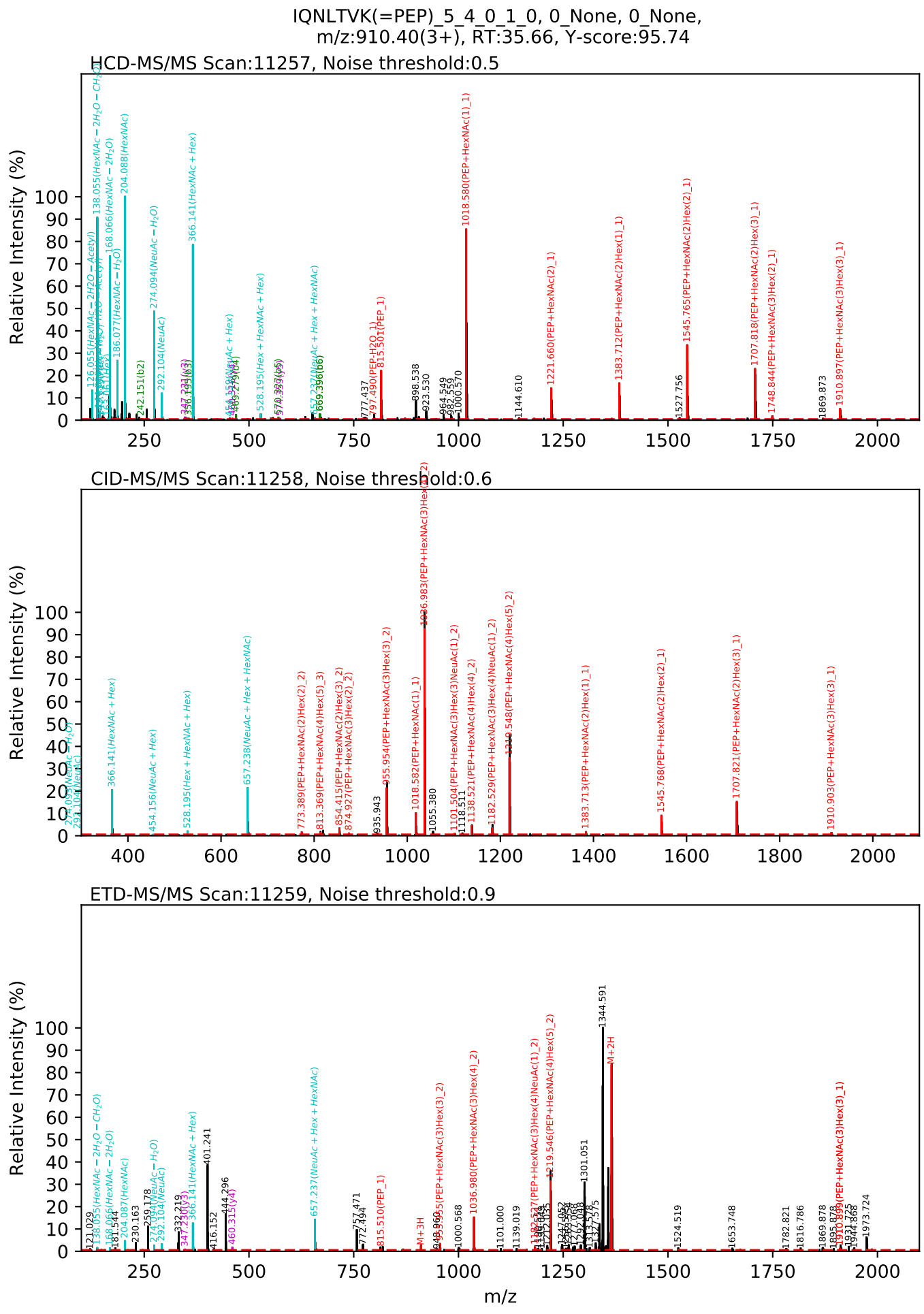

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:813.37(3+), RT:27.10, Y-score:92.77
HCD-MS/MS Scan:6993, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
204.088(HexNAc)
469.279(b4)
528.195(Hex + HexNAc + Hex)
570.326(b5)
669.396(b6)
815.501(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
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:6994, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.925(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)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:6995, Noise threshold:1.0
Relative Intensity (%)
366.141(HexNAc + Hex)
204.088(HexNAc)
760.846
M+3H
955.953(PEP+HexNAc(3)Hex(3)_2)
1036.982(PEP+HexNAc(3)Hex(4)_2)
1198.544
M+2H
1568.688
1627.727
1996.813
m/z

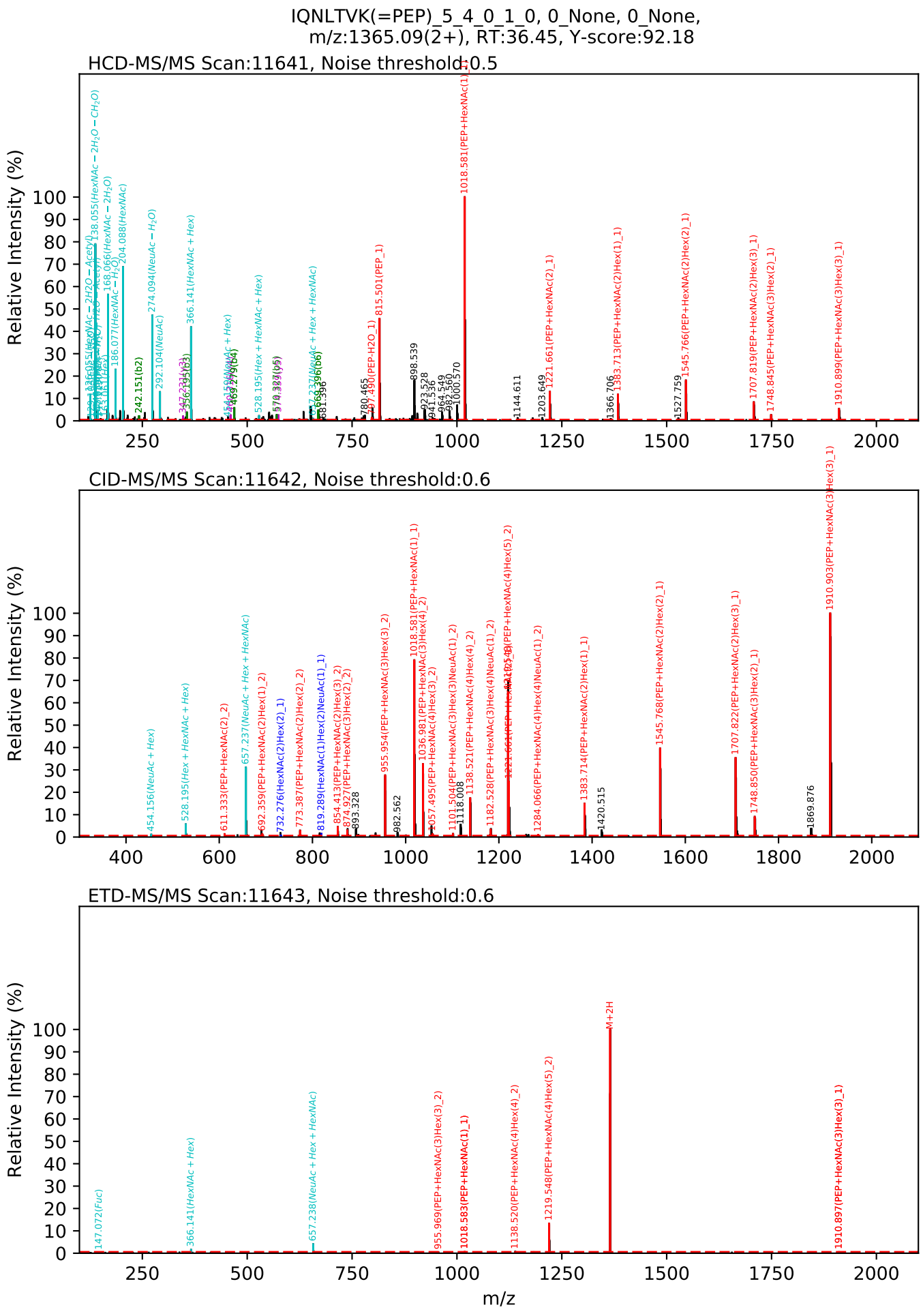

IQNLTVK(=PEP)_5_4_0_0_0, 0_None, 0_None,
m/z:1219.54(2+), RT:33.52, Y-score:87.93
HCD-MS/MS Scan:10175, Noise threshold:0.6
CID-MS/MS Scan:10176, Noise threshold:0.7
ETD-MS/MS Scan:10177, Noise threshold:0.6
Relative Intensity (%)
m/z

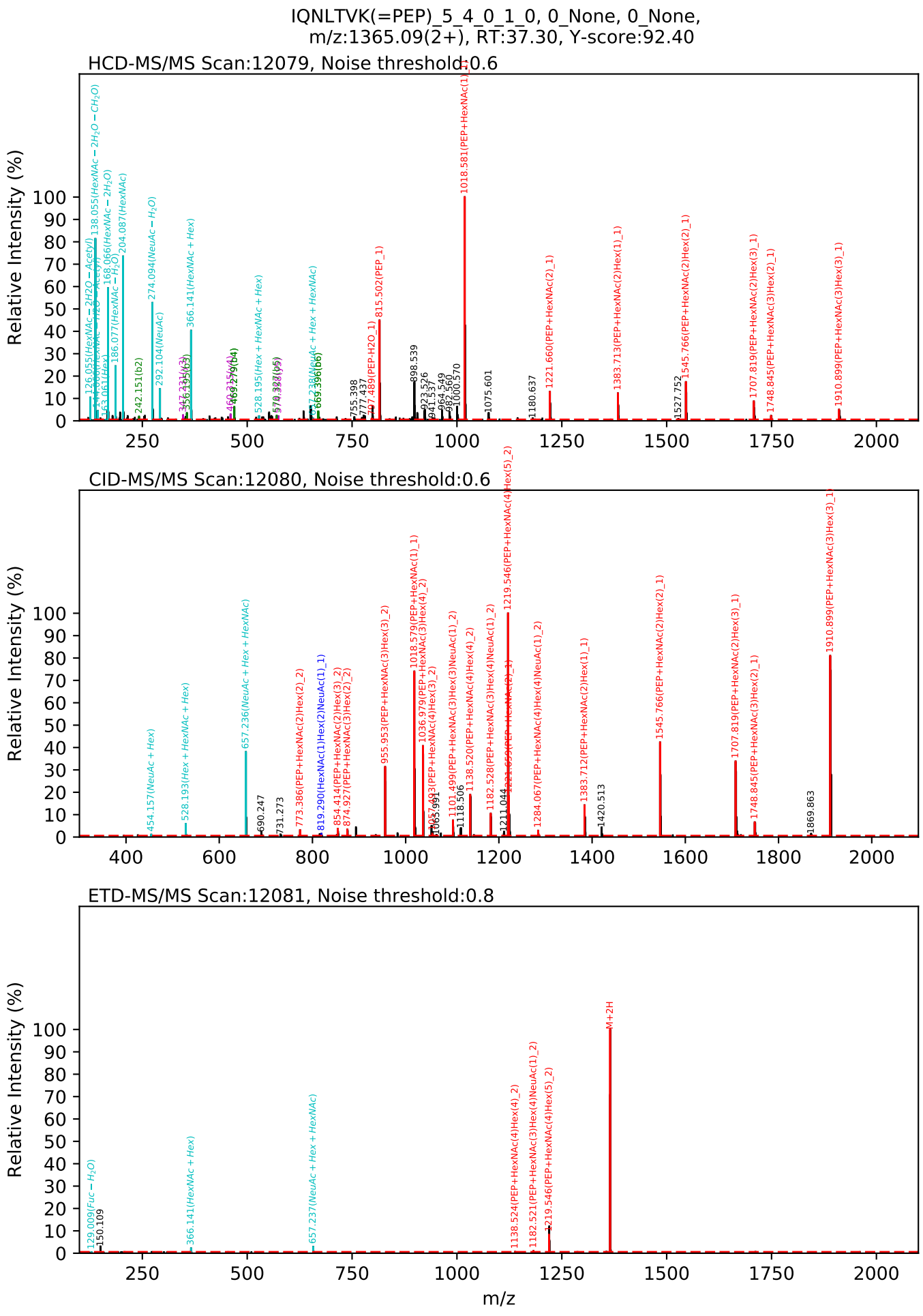

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:36.39, Y-score:94.39
HCD-MS/MS Scan:11610, Noise threshold:0.6
CID-MS/MS Scan:11611, Noise threshold:0.7
ETD-MS/MS Scan:11612, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H
M+3H

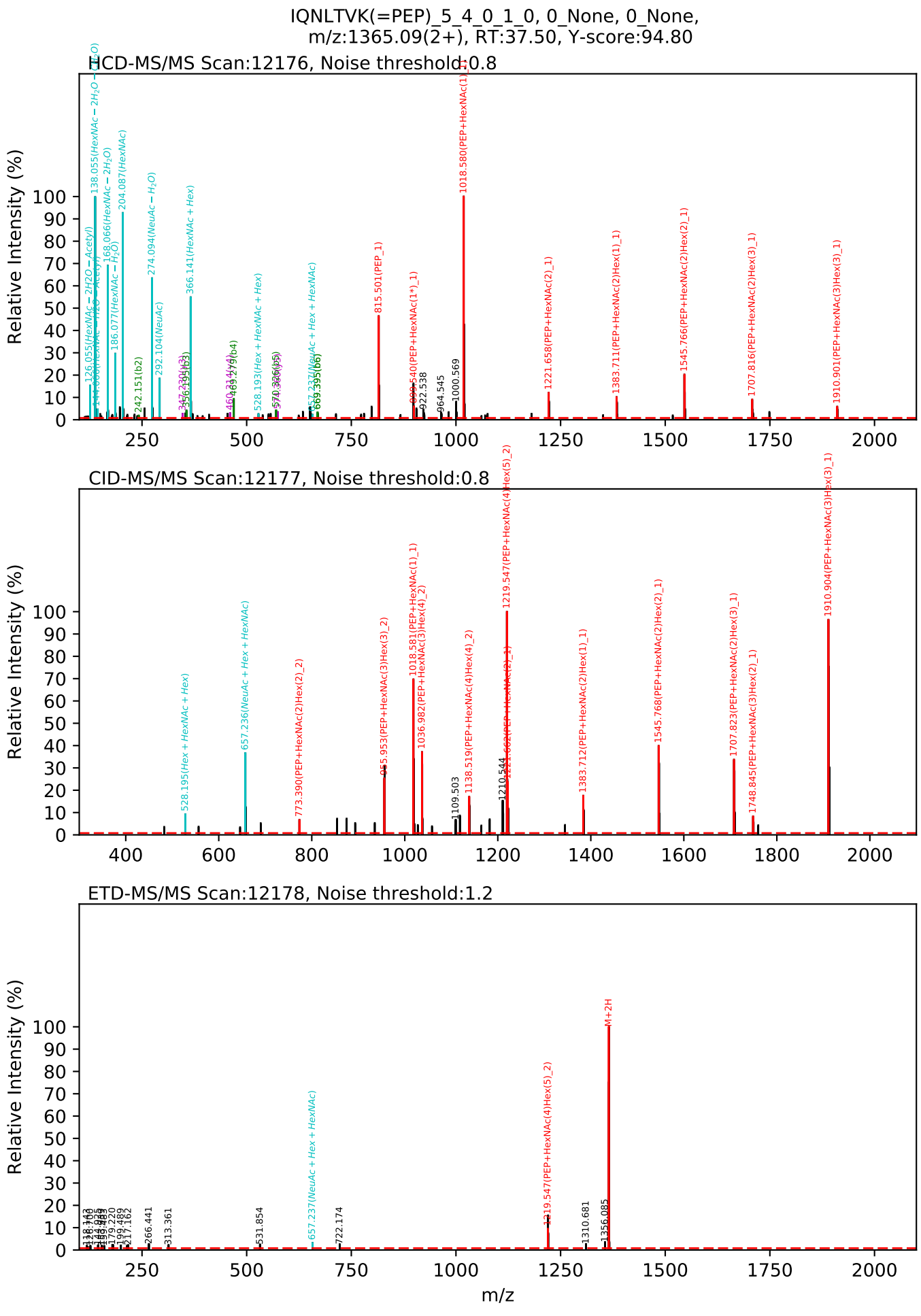

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:37.26, Y-score:95.20
HCD-MS/MS Scan:12060, Noise threshold:0.6
CID-MS/MS Scan:12061, Noise threshold:0.8
ETD-MS/MS Scan:12062, Noise threshold:1.0
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:37.31, Y-score:96.10
HCD-MS/MS Scan:12083, Noise threshold:0.5
CID-MS/MS Scan:12084, Noise threshold:0.6
ETD-MS/MS Scan:12085, Noise threshold:1.2
Relative Intensity (%)
m/z

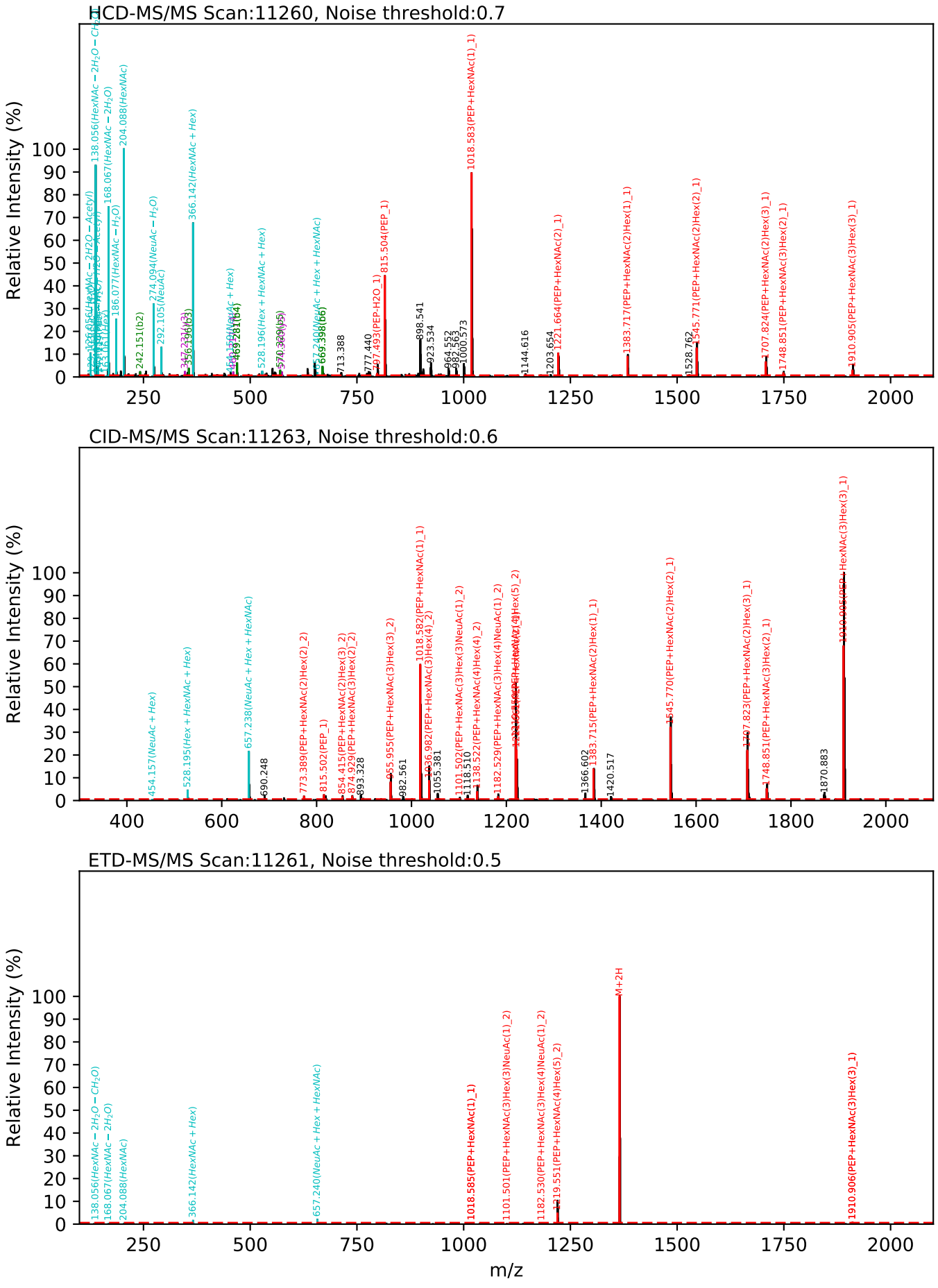

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:910.40(3+), RT:35.66, Y-score:95.74
HCD-MS/MS Scan:11257, Noise threshold:0.5
CID-MS/MS Scan:11258, Noise threshold:0.6
ETD-MS/MS Scan:11259, Noise threshold:0.9
Relative Intensity (%)
m/z

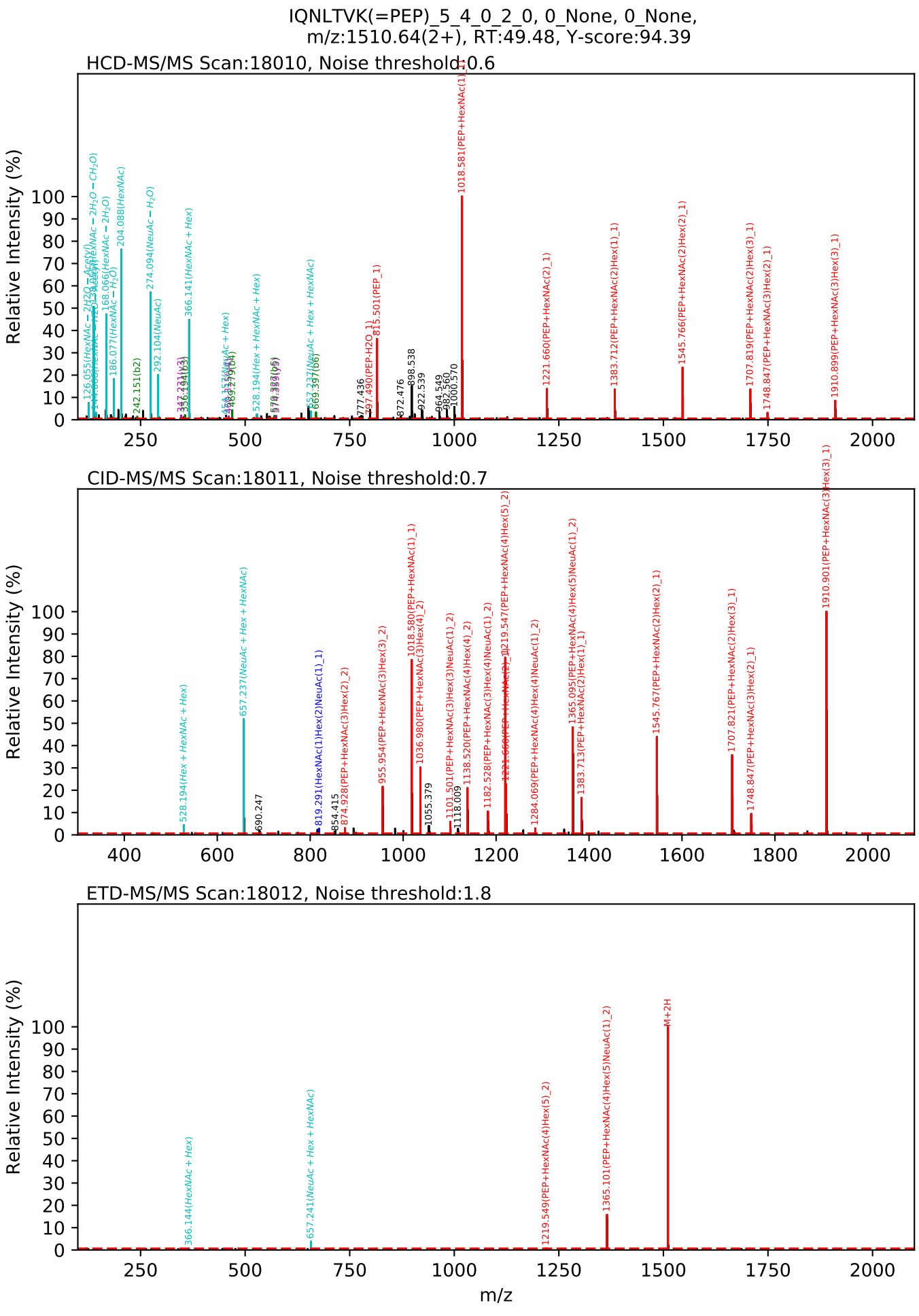

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:36.45, Y-score:92.18
HCD-MS/MS Scan:11641, Noise threshold:0.5
CID-MS/MS Scan:11642, Noise threshold:0.6
ETD-MS/MS Scan:11643, Noise threshold:0.6
Relative Intensity (%)
m/z
1018.581(PEP+HexNAc(1)_1)
815.501(PEP_1)
1221.661(PEP+HexNAc(2)_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.899(PEP+HexNAc(3)Hex(3)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
M+2H

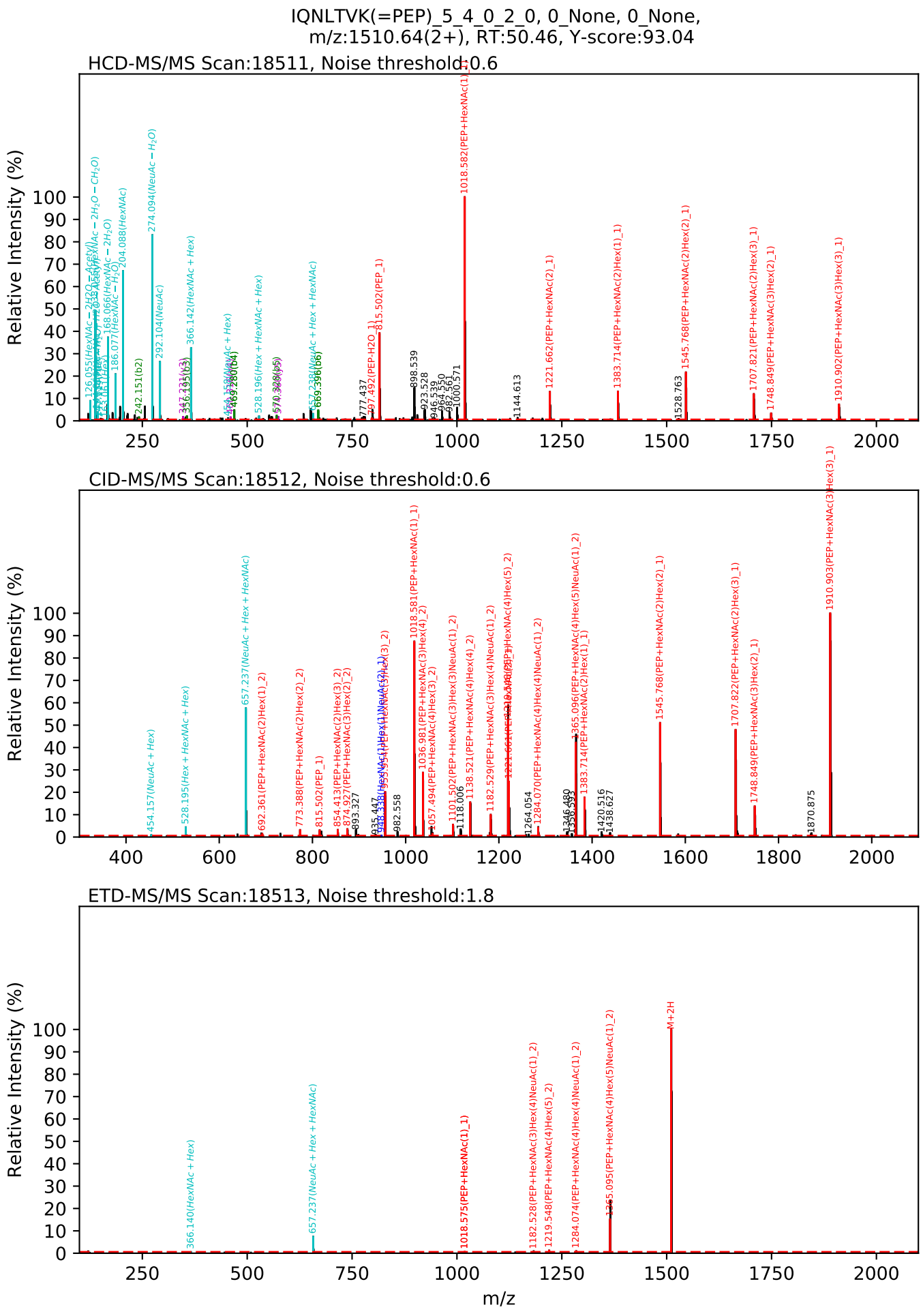

IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:37.30, Y-score:92.40
HCD-MS/MS Scan:12079, Noise threshold:0.6
CID-MS/MS Scan:12080, Noise threshold:0.6
ETD-MS/MS Scan:12081, Noise threshold:0.8
Relative Intensity (%)
m/z
M+2H


IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:37.50, Y-score:94.80
HCD-MS/MS Scan:12176, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:12177, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:12178, Noise threshold:1.2
Relative Intensity (%)
m/z

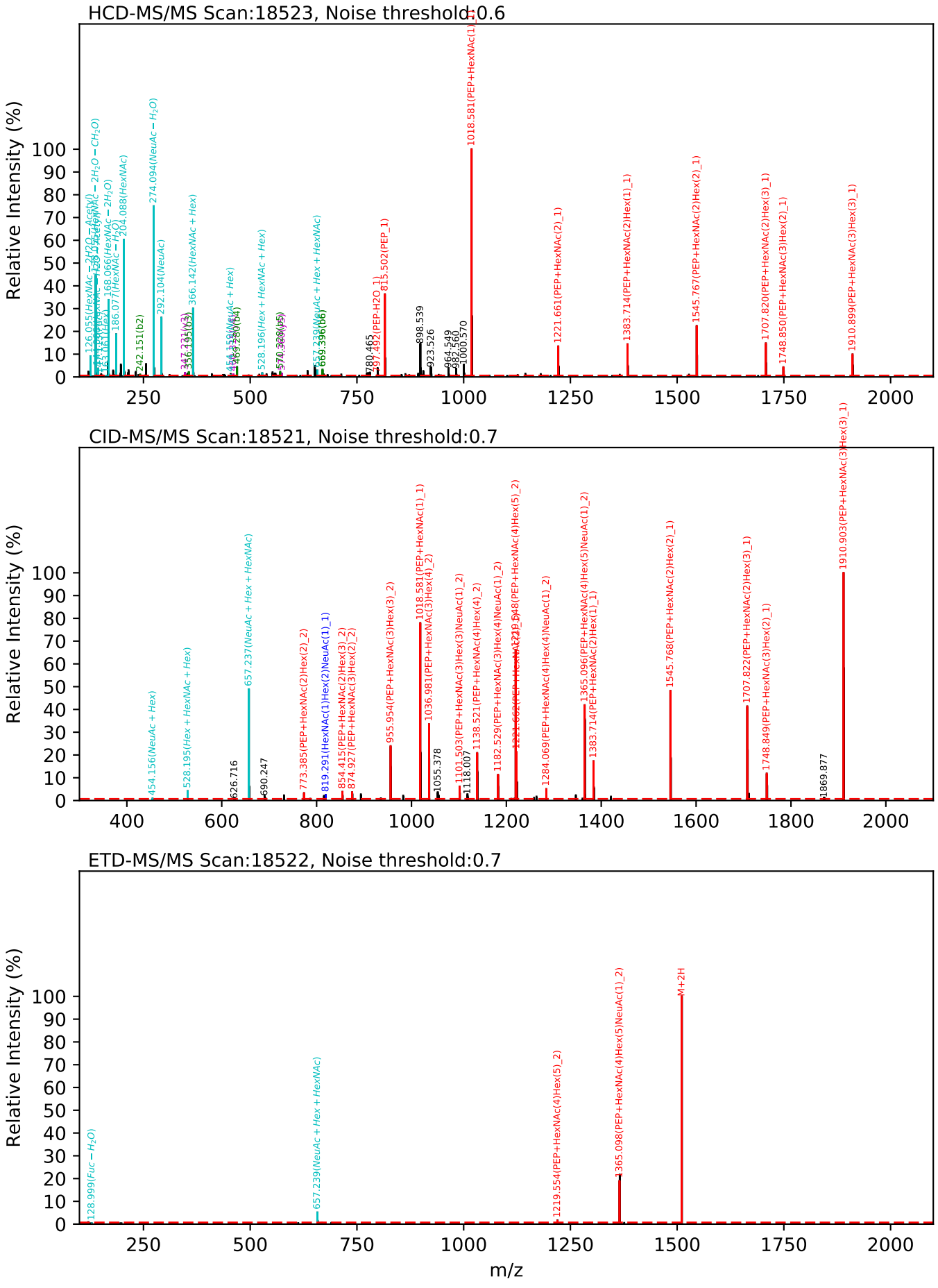
IQNLTVK(=PEP)_5_4_0_1_0, 0_None, 0_None,
m/z:1365.09(2+), RT:35.67, Y-score:91.21

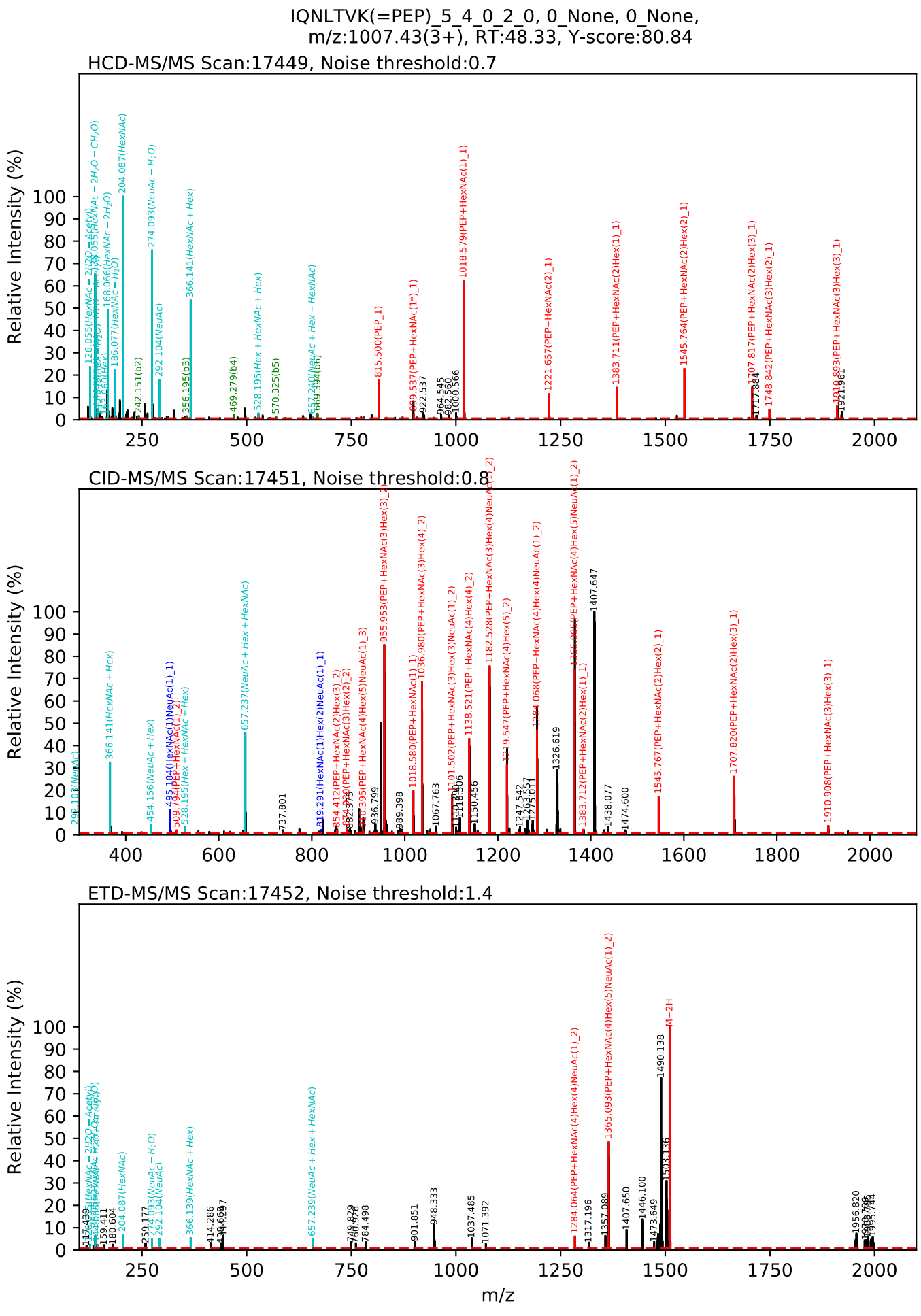


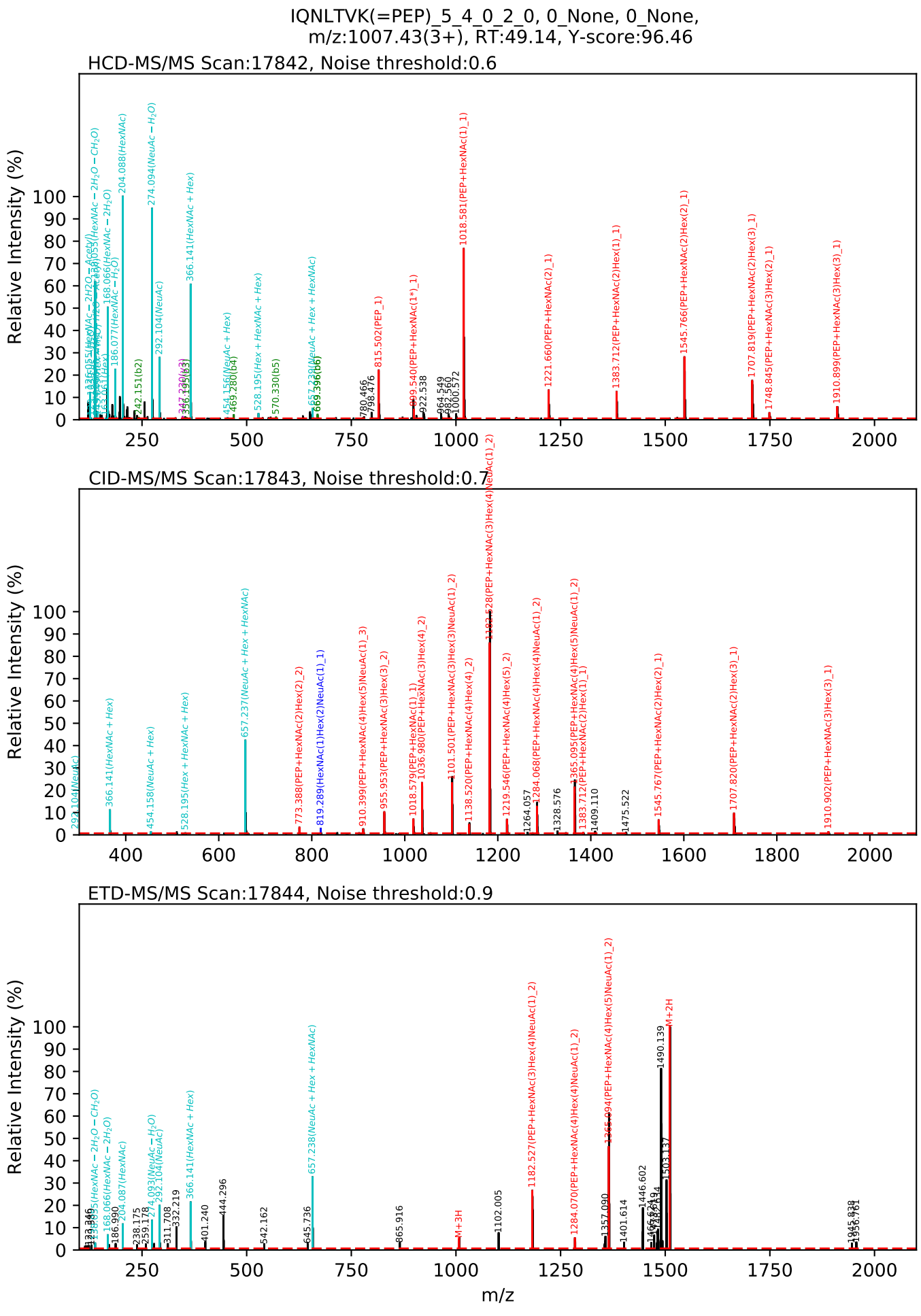

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1510.64(2+), RT:49.48, Y-score:94.39
HCD-MS/MS Scan:18010, Noise threshold:0.6
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.899(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:18011, Noise threshold:0.7
Relative Intensity (%)
528.194(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
819.291(HexNAc(1)Hex(2)NeuAc(1)_1)
874.928(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)
1138.520(PEP+HexNAc(4)Hex(4)_2)
1182.528(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1284.069(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1365.095(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:18012, Noise threshold:1.8
Relative Intensity (%)
366.144(HexNAc + Hex)
657.241(NeuAc + Hex + HexNAc)
1219.549(PEP+HexNAc(4)Hex(5)_2)
1365.101(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
M+2H
m/z

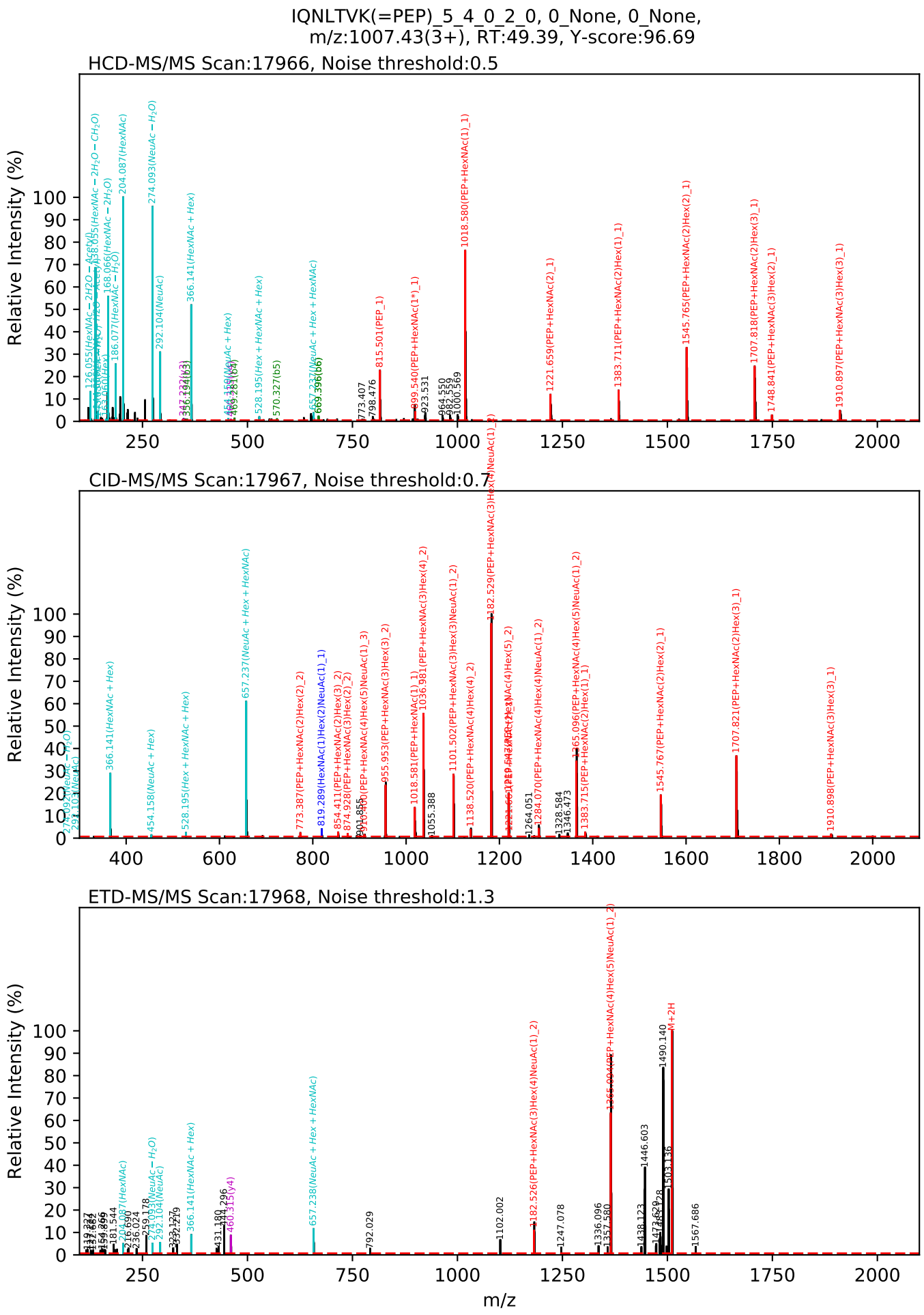

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1510.64(2+), RT:50.46, Y-score:93.04
HCD-MS/MS Scan:18511, Noise threshold:0.6
CID-MS/MS Scan:18512, Noise threshold:0.6
ETD-MS/MS Scan:18513, Noise threshold:1.8
Relative Intensity (%)
m/z
1018.582(PEP+HexNAc(1)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
M+2H

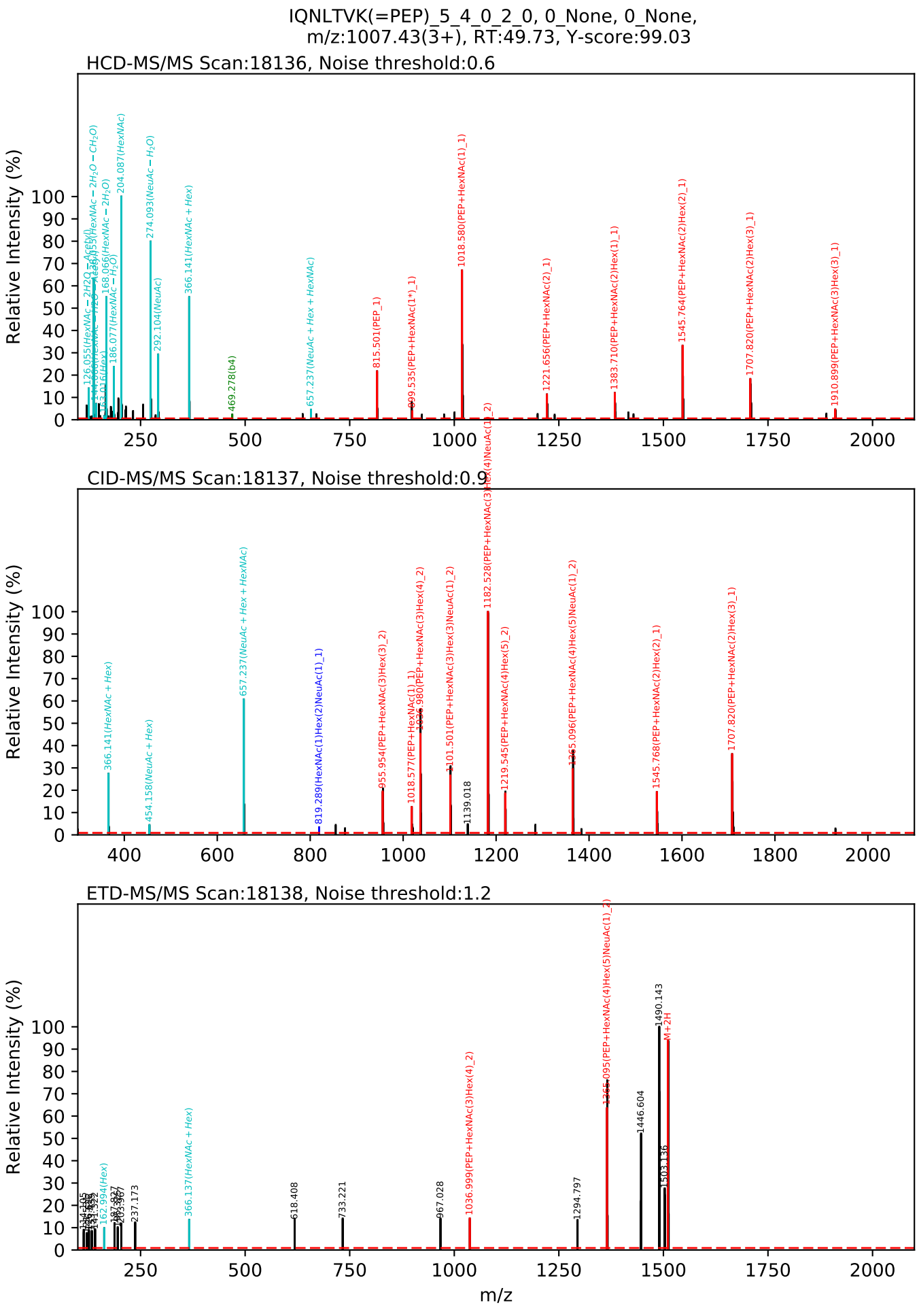
IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1510.64(2+), RT:50.49, Y-score:94.71

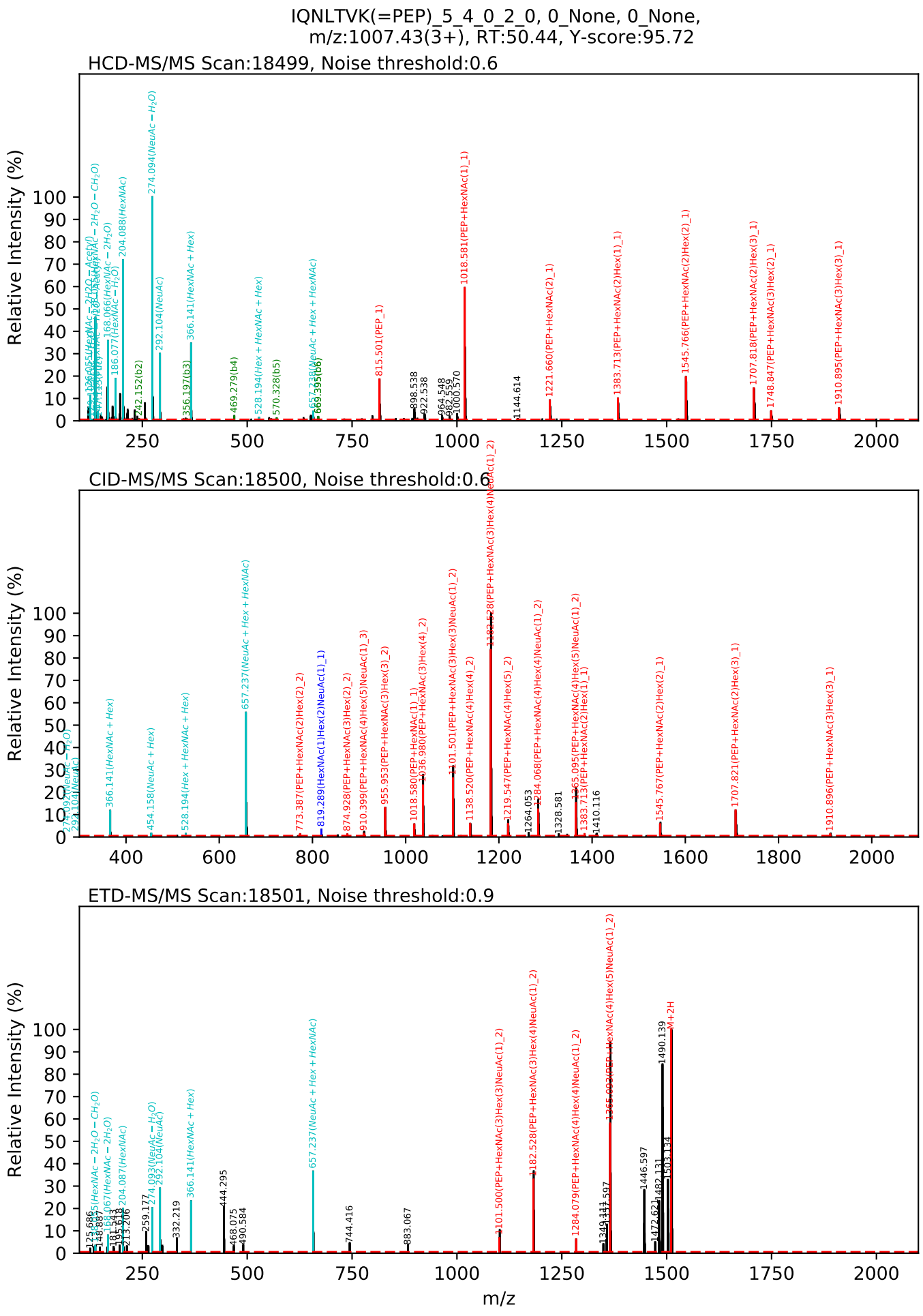


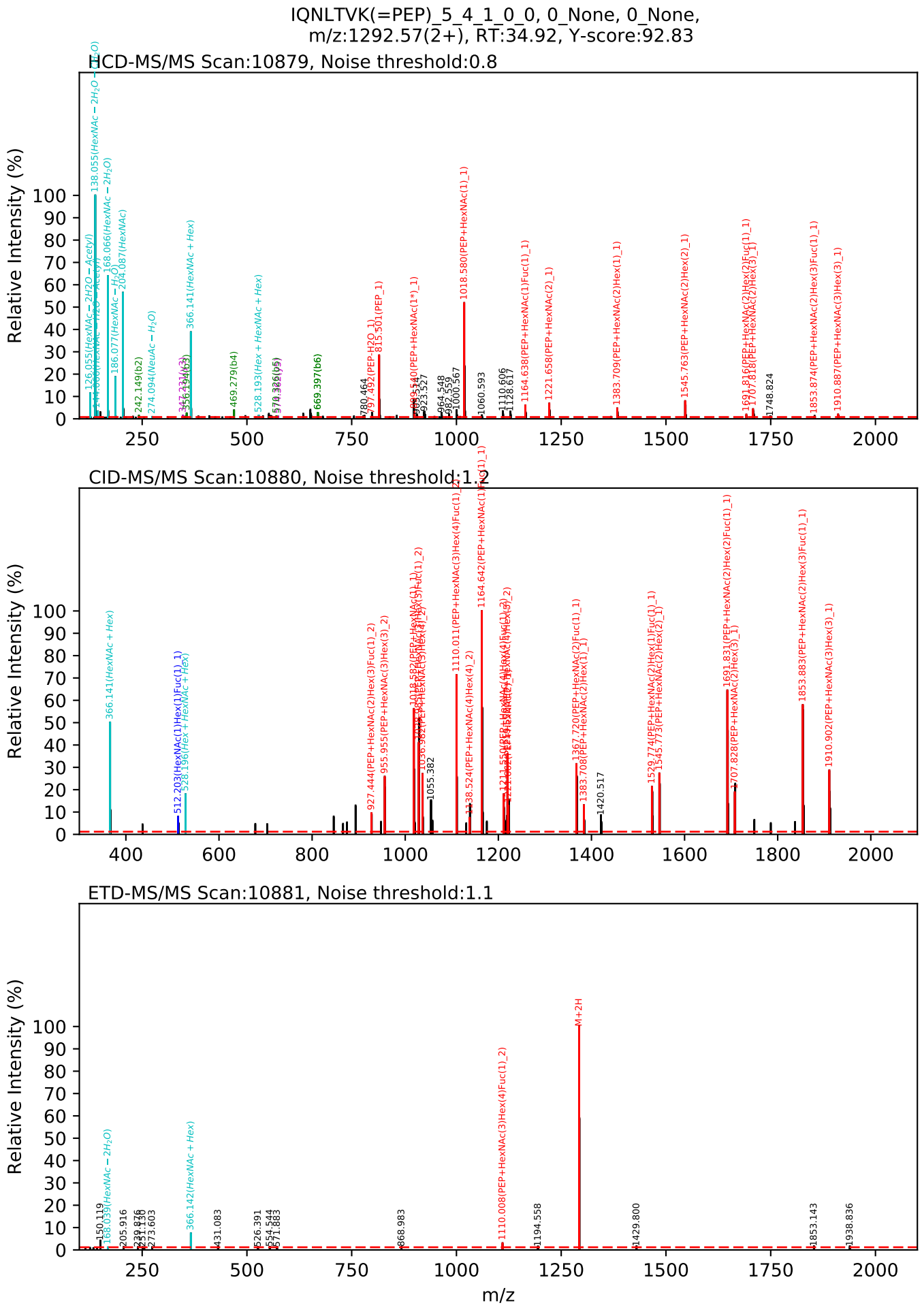

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:48.33, Y-score:80.84
HCD-MS/MS Scan:17449, Noise threshold:0.7
CID-MS/MS Scan:17451, Noise threshold:0.8
ETD-MS/MS Scan:17452, Noise threshold:1.4
Relative Intensity (%)
m/z

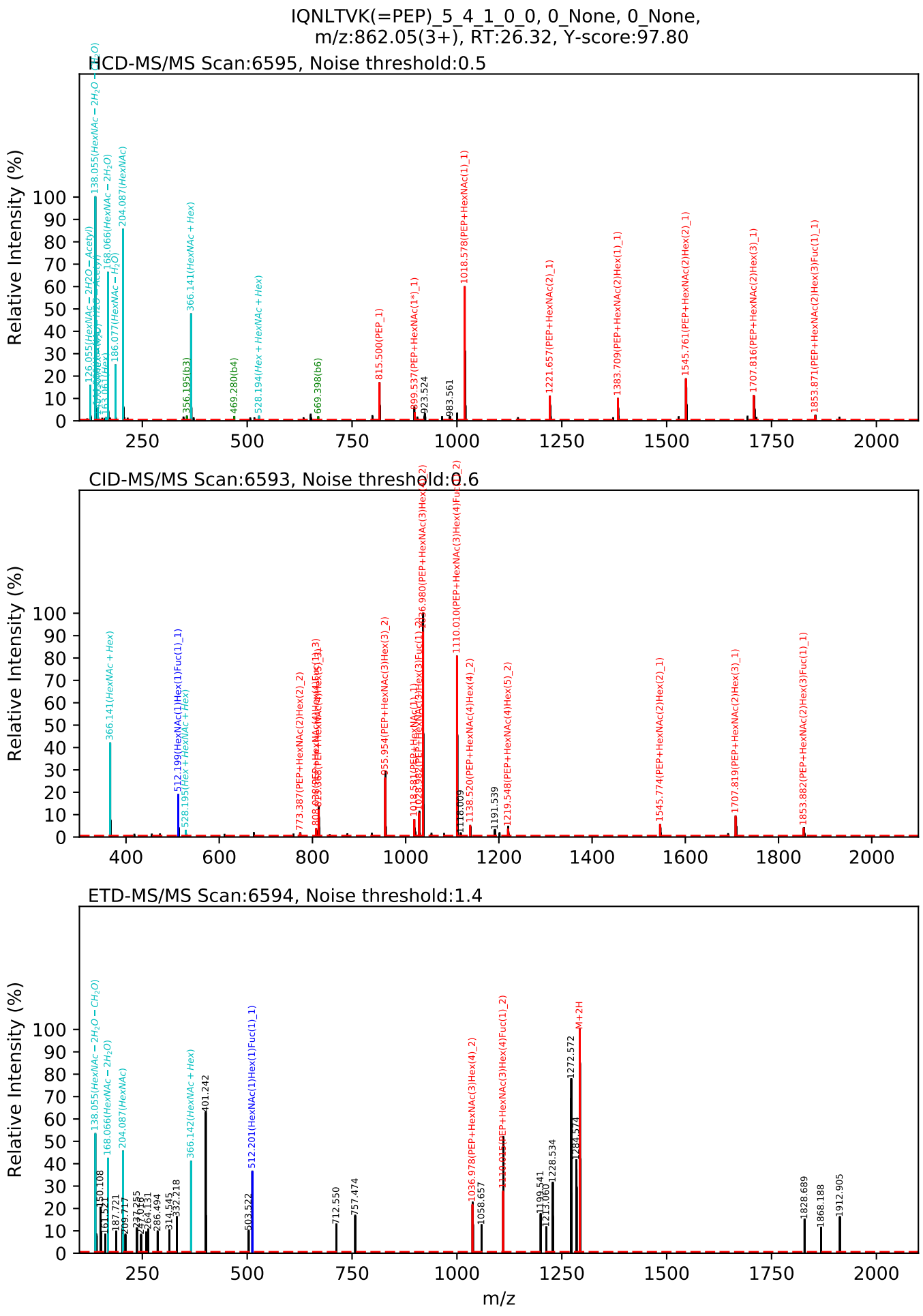

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:49.14, Y-score:96.46
HCD-MS/MS Scan:17842, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:17843, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:17844, Noise threshold:0.9
Relative Intensity (%)
m/z

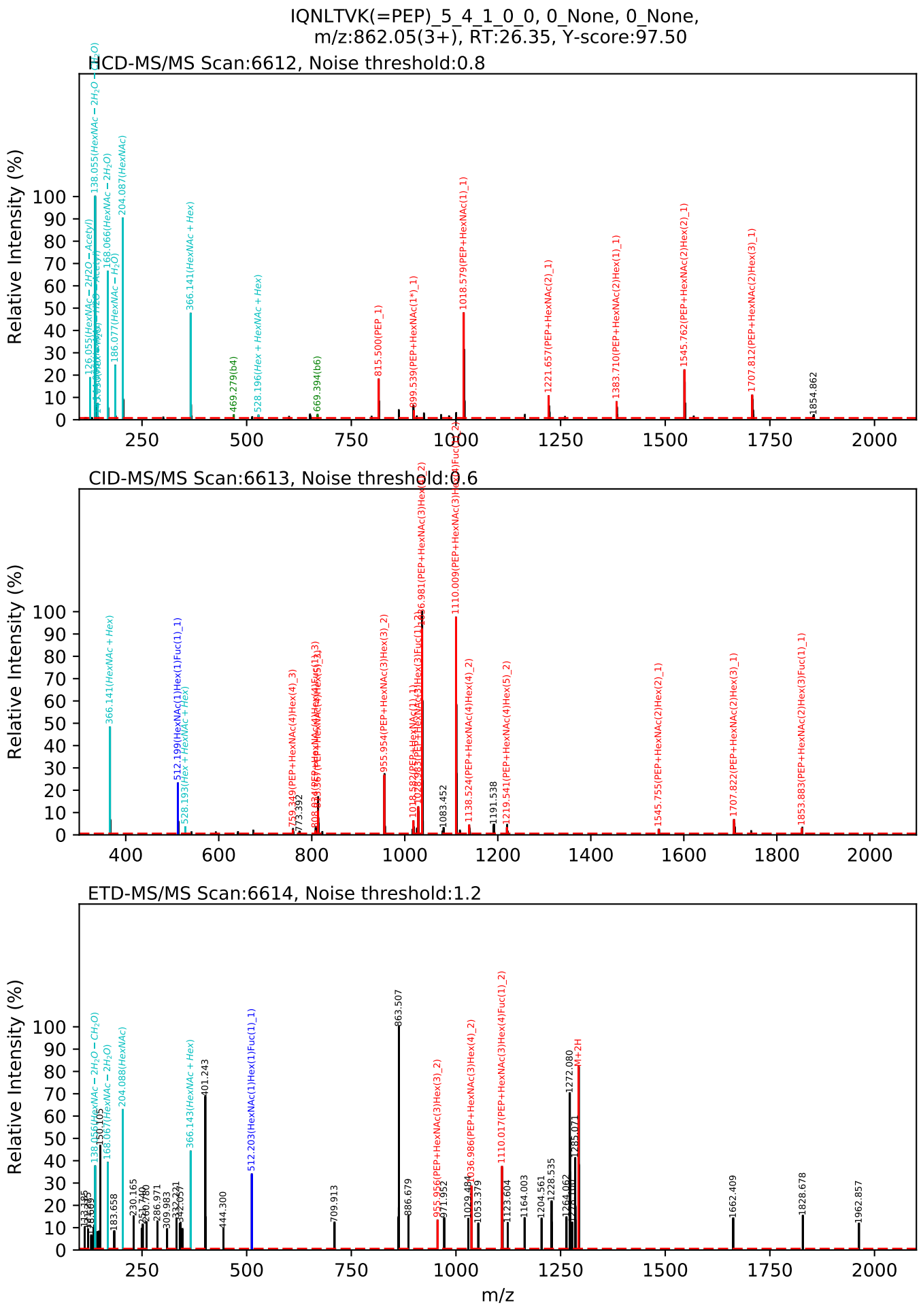

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:49.39, Y-score:96.69
HCD-MS/MS Scan:17966, Noise threshold:0.5
CID-MS/MS Scan:17967, Noise threshold:0.7
ETD-MS/MS Scan:17968, Noise threshold:1.3
Relative Intensity (%)
m/z

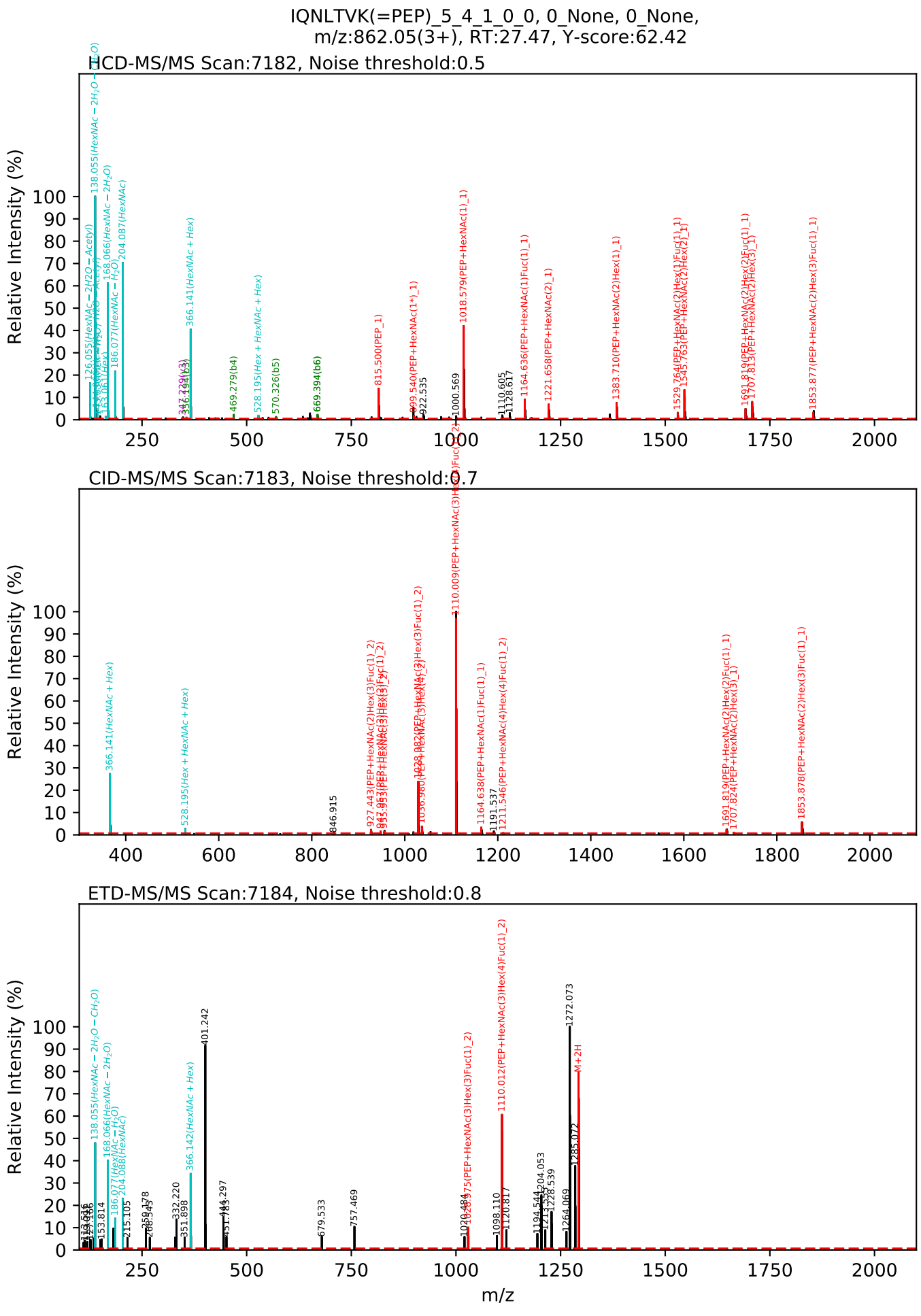

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:49.73, Y-score:99.03
HCD-MS/MS Scan:18136, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − CH2O)
138.055(HexNAc − 2H2O − CH2O)
144.065(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.278(b4)
657.237(NeuAc + Hex + HexNAc)
815.501(PEP_1)
899.535(PEP+HexNAc(1*)_1)
1018.580(PEP+HexNAc(1)_1)
1221.656(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
1910.899(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:18137, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
454.158(NeuAc + Hex)
657.237(NeuAc + Hex + HexNAc)
819.289(HexNAc(1)Hex(2)NeuAc(1)_1)
955.954(PEP+HexNAc(3)Hex(3)_2)
1018.577(PEP+HexNAc(1)_1)
1018.980(PEP+HexNAc(3)Hex(4)_2)
1101.501(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1139.018
1182.528(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1219.545(PEP+HexNAc(4)Hex(5)_2)
1365.096(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:18138, Noise threshold:1.2
Relative Intensity (%)
162.394(Hex)
237.173
366.137(HexNAc + Hex)
618.408
733.221
967.028
1036.999(PEP+HexNAc(3)Hex(4)_2)
1294.797
1365.095(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1446.604
1490.143
M+2H
1503.136
m/z

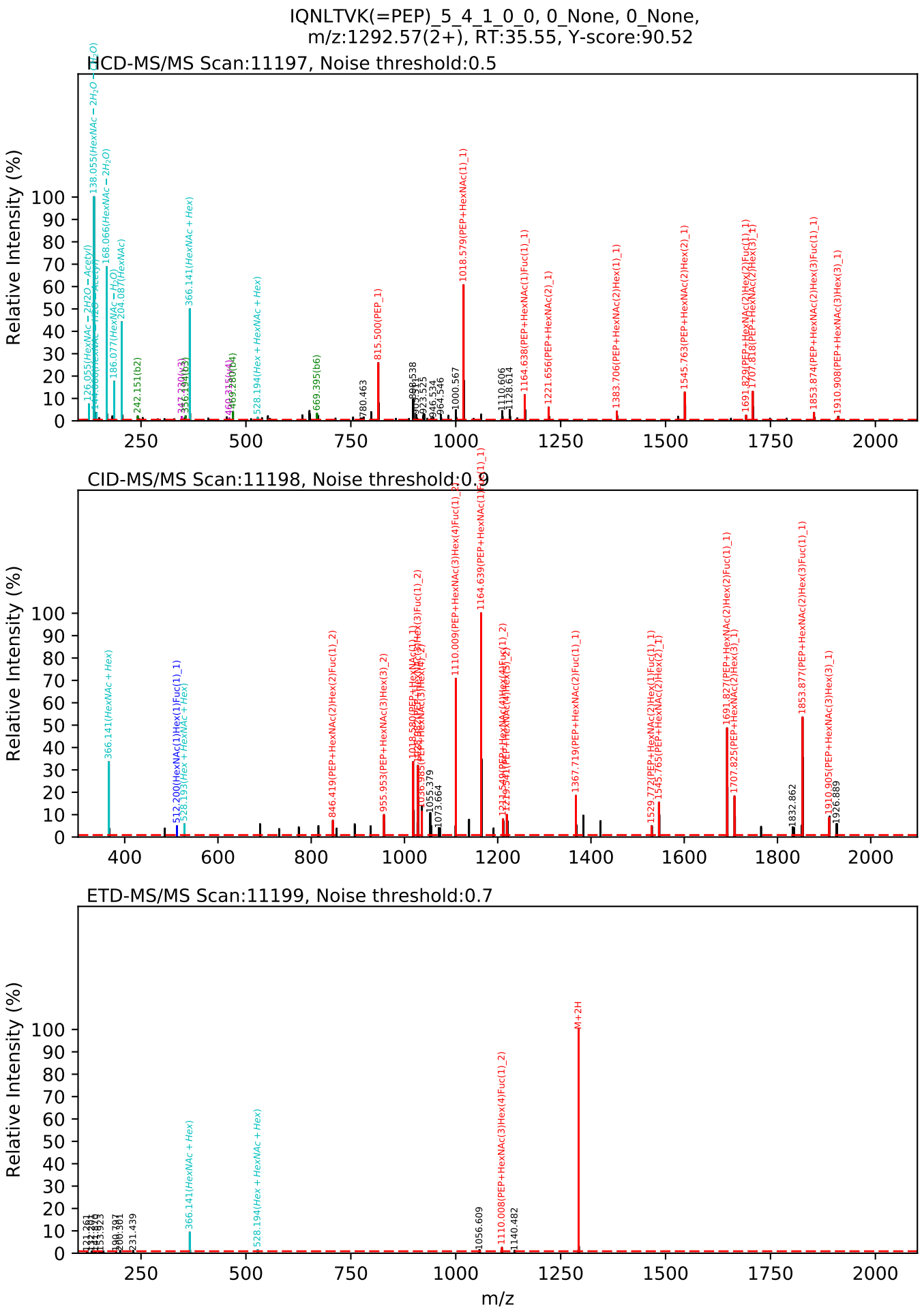

IQNLTVK(=PEP)_5_4_0_2_0, 0_None, 0_None,
m/z:1007.43(3+), RT:50.44, Y-score:95.72
HCD-MS/MS Scan:18499, Noise threshold:0.6
CID-MS/MS Scan:18500, Noise threshold:0.6
ETD-MS/MS Scan:18501, Noise threshold:0.9
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
1018.581(PEP+HexNAc(1)_1)
815.501(PEP_1)
1383.713(PEP+HexNAc(2)Hex(1)_1)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1910.895(PEP+HexNAc(3)Hex(3)_1)
1221.660(PEP+HexNAc(2)_1)
1748.847(PEP+HexNAc(3)Hex(2)_1)
1101.500(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1182.528(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1284.079(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
M+2H

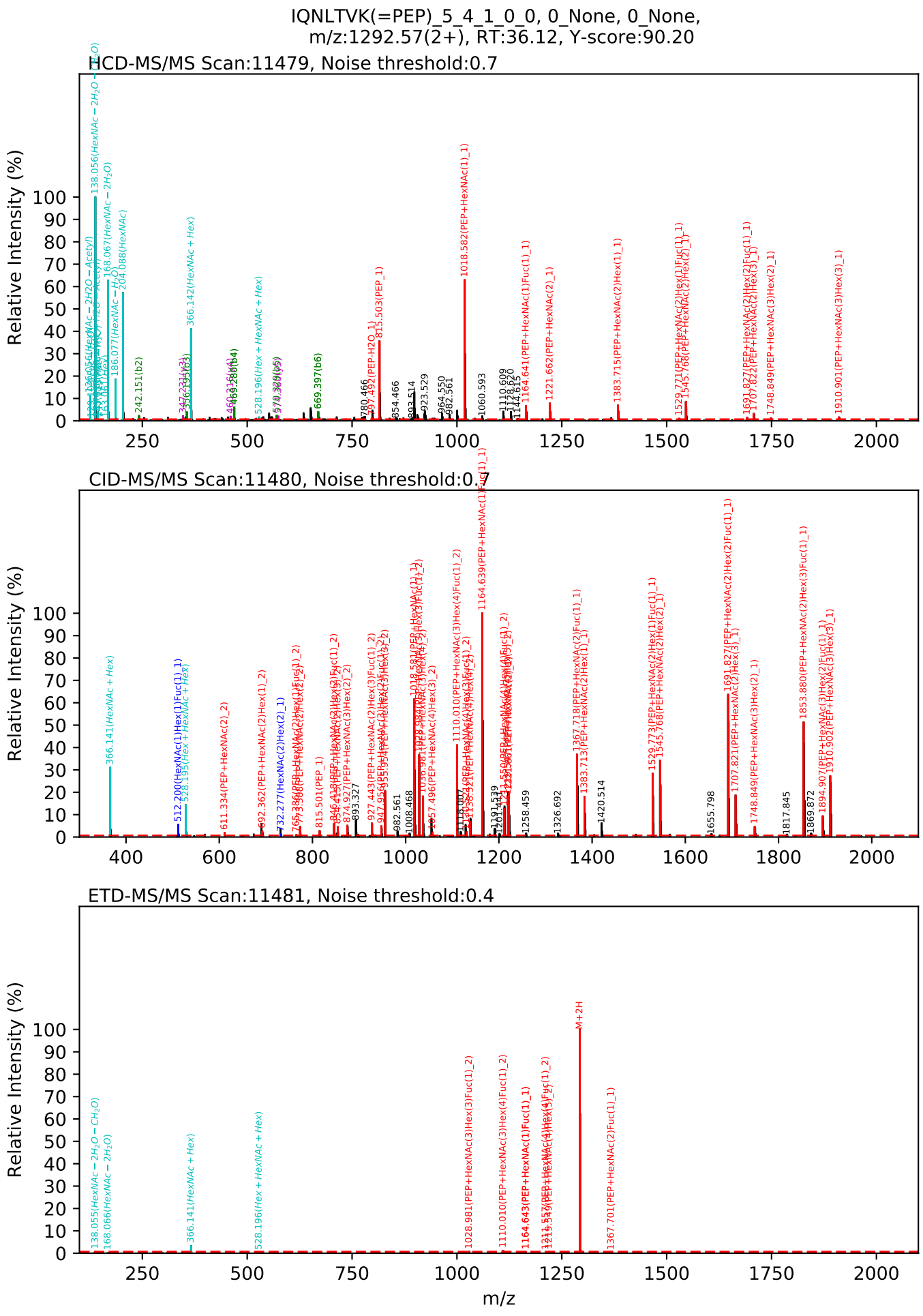

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:34.92, Y-score:92.83
HCD-MS/MS Scan:10879, Noise threshold:0.8
CID-MS/MS Scan:10880, Noise threshold:1.2
ETD-MS/MS Scan:10881, Noise threshold:1.1
Relative Intensity (%)
m/z

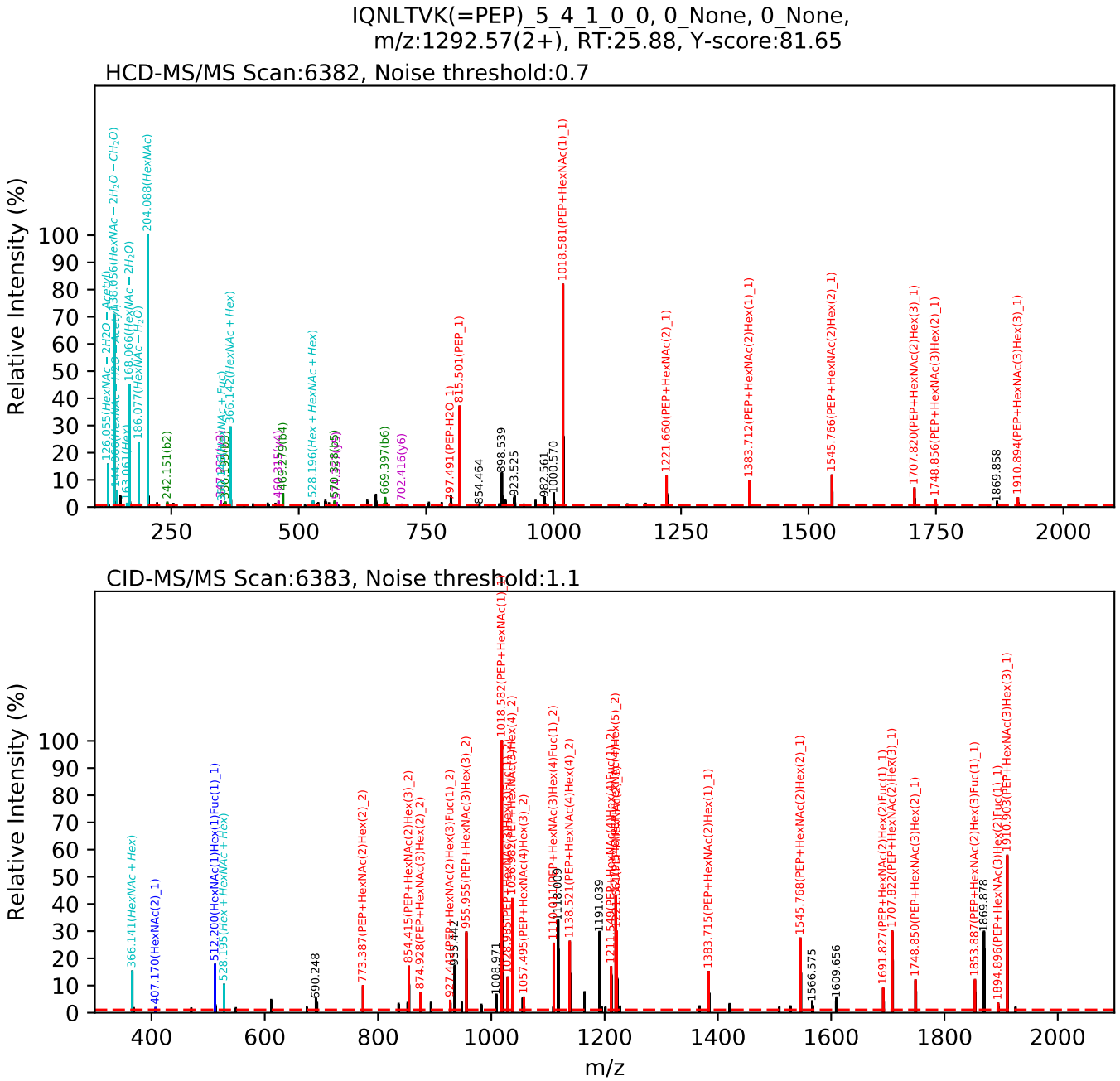

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:862.05(3+), RT:26.32, Y-score:97.80
HCD-MS/MS Scan:6595, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:6593, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:6594, Noise threshold:1.4
Relative Intensity (%)
m/z

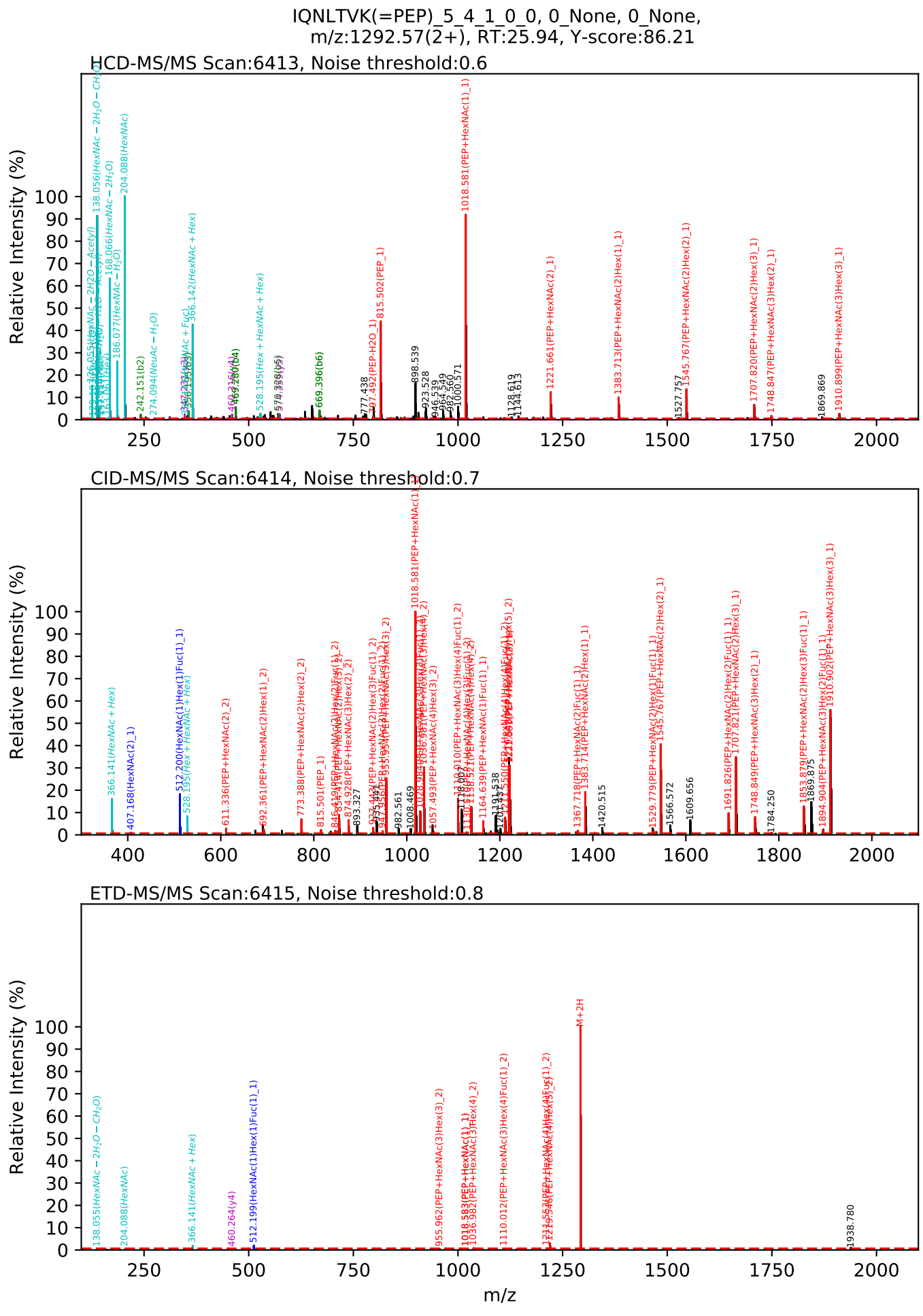

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:862.05(3+), RT:26.35, Y-score:97.50
HCD-MS/MS Scan:6612, Noise threshold:0.8
CID-MS/MS Scan:6613, Noise threshold:0.6
ETD-MS/MS Scan:6614, Noise threshold:1.2
Relative Intensity (%)
m/z

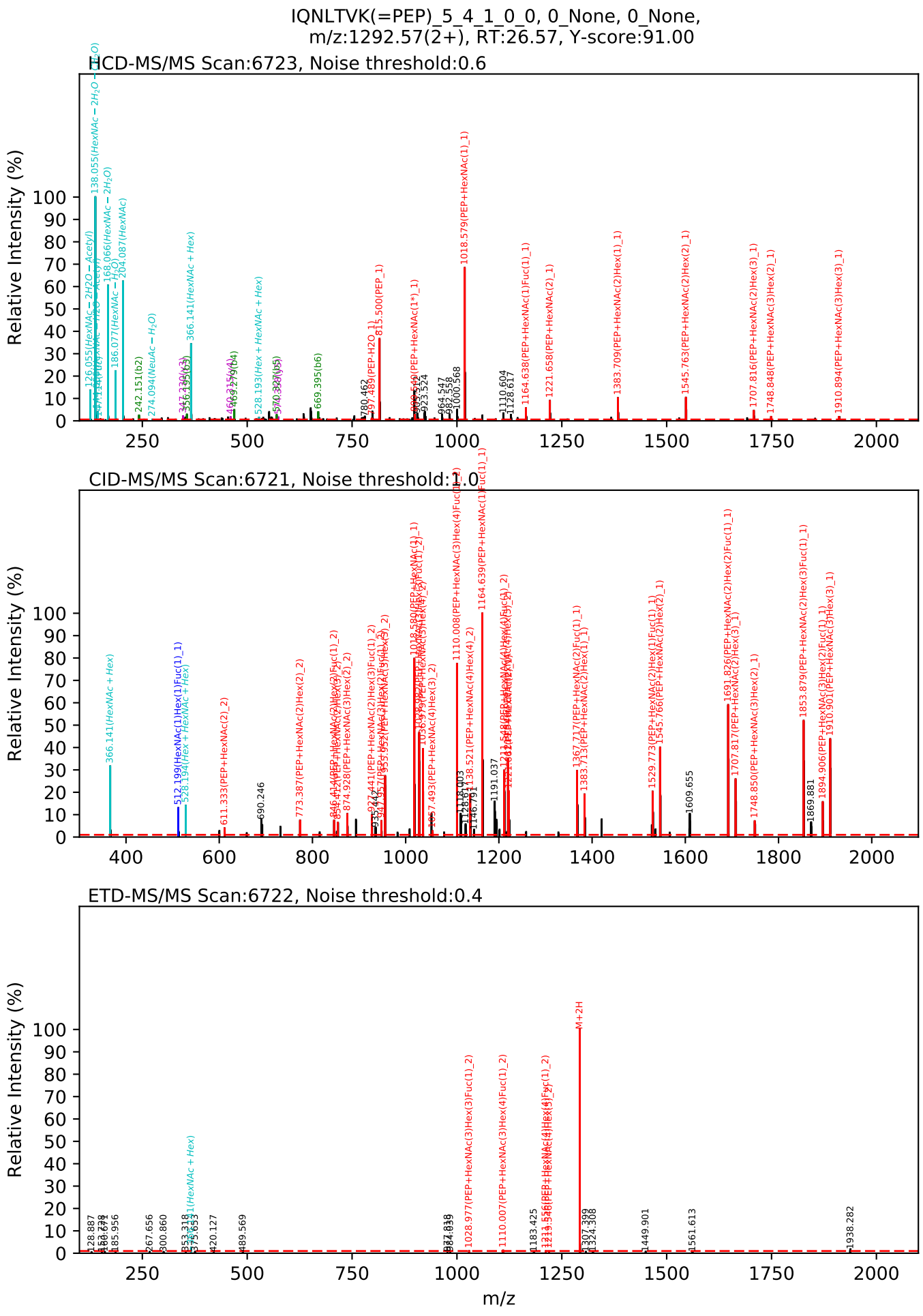

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:862.05(3+), RT:27.47, Y-score:62.42
HCD-MS/MS Scan:7182, Noise threshold:0.5
CID-MS/MS Scan:7183, Noise threshold:0.7
ETD-MS/MS Scan:7184, Noise threshold:0.8
Relative Intensity (%)
m/z

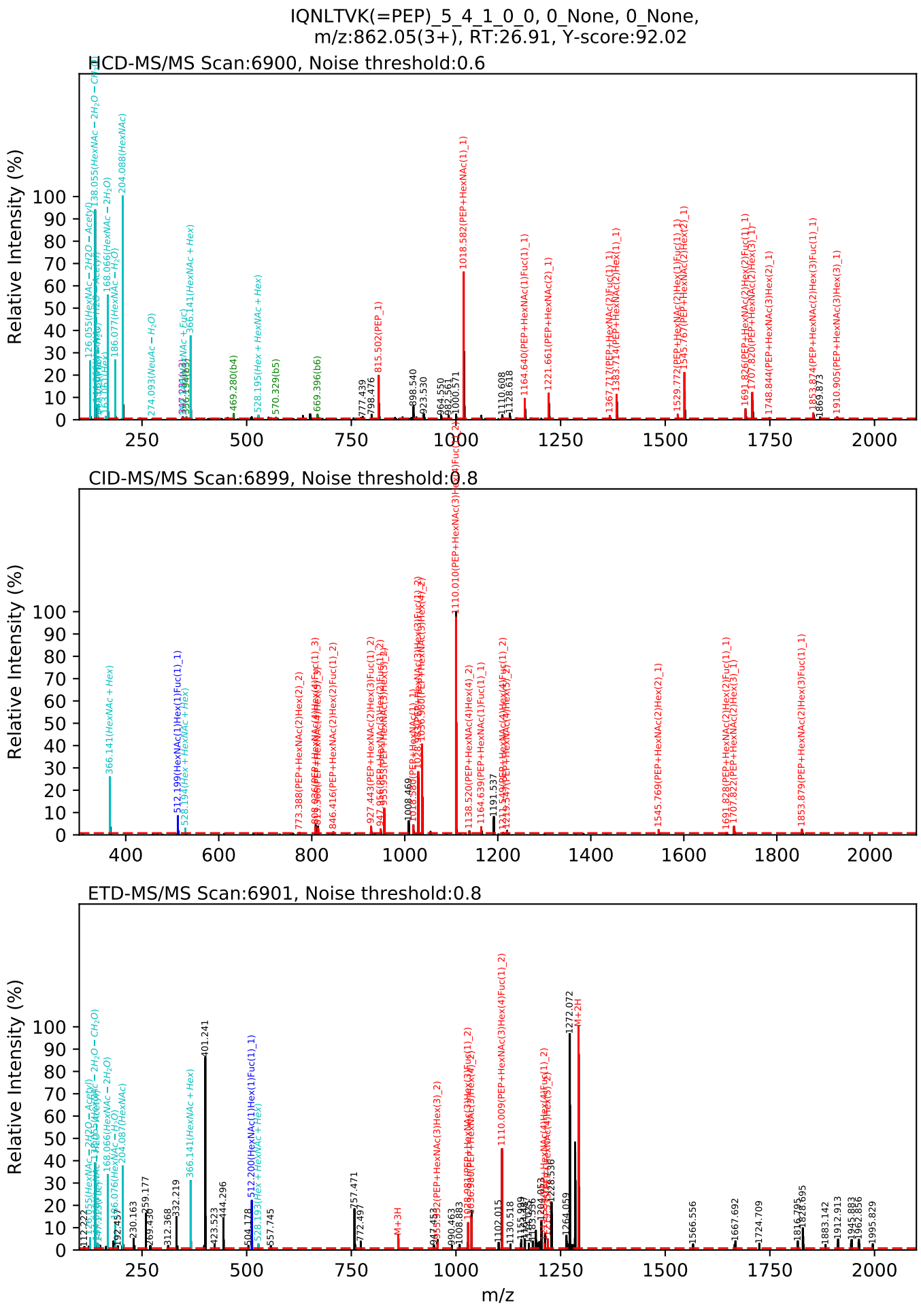

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:35.55, Y-score:90.52
HCD-MS/MS Scan:11197, Noise threshold:0.5
CID-MS/MS Scan:11198, Noise threshold:0.9
ETD-MS/MS Scan:11199, Noise threshold:0.7
Relative Intensity (%)
m/z
M+2H

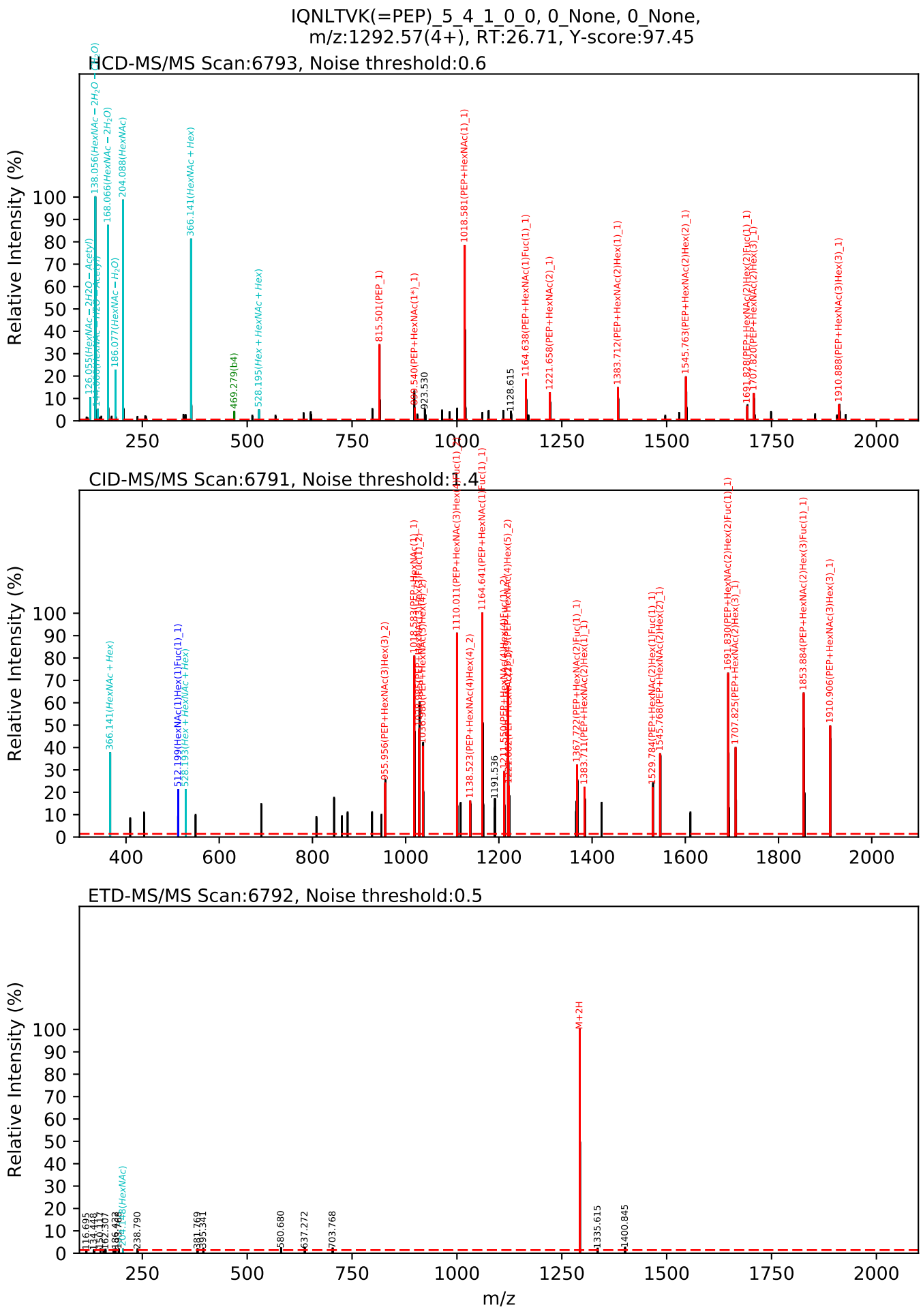

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:36.12, Y-score:90.20
HCD-MS/MS Scan:11479, Noise threshold:0.7
CID-MS/MS Scan:11480, Noise threshold:0.7
ETD-MS/MS Scan:11481, Noise threshold:0.4
Relative Intensity (%)
m/z

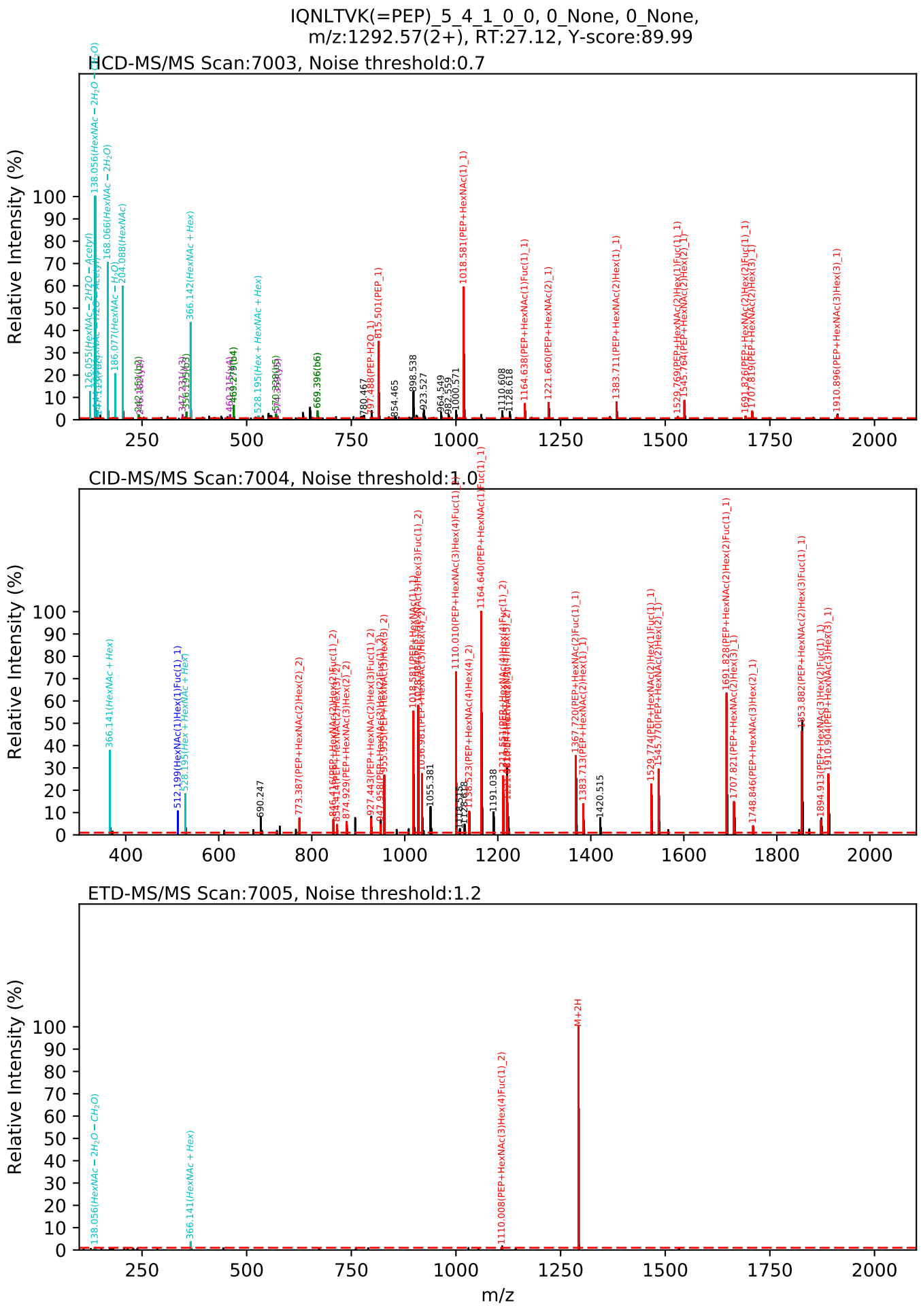

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:25.88, Y-score:81.65
HCD-MS/MS Scan:6382, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:6383, Noise threshold:1.1
Relative Intensity (%)
m/z

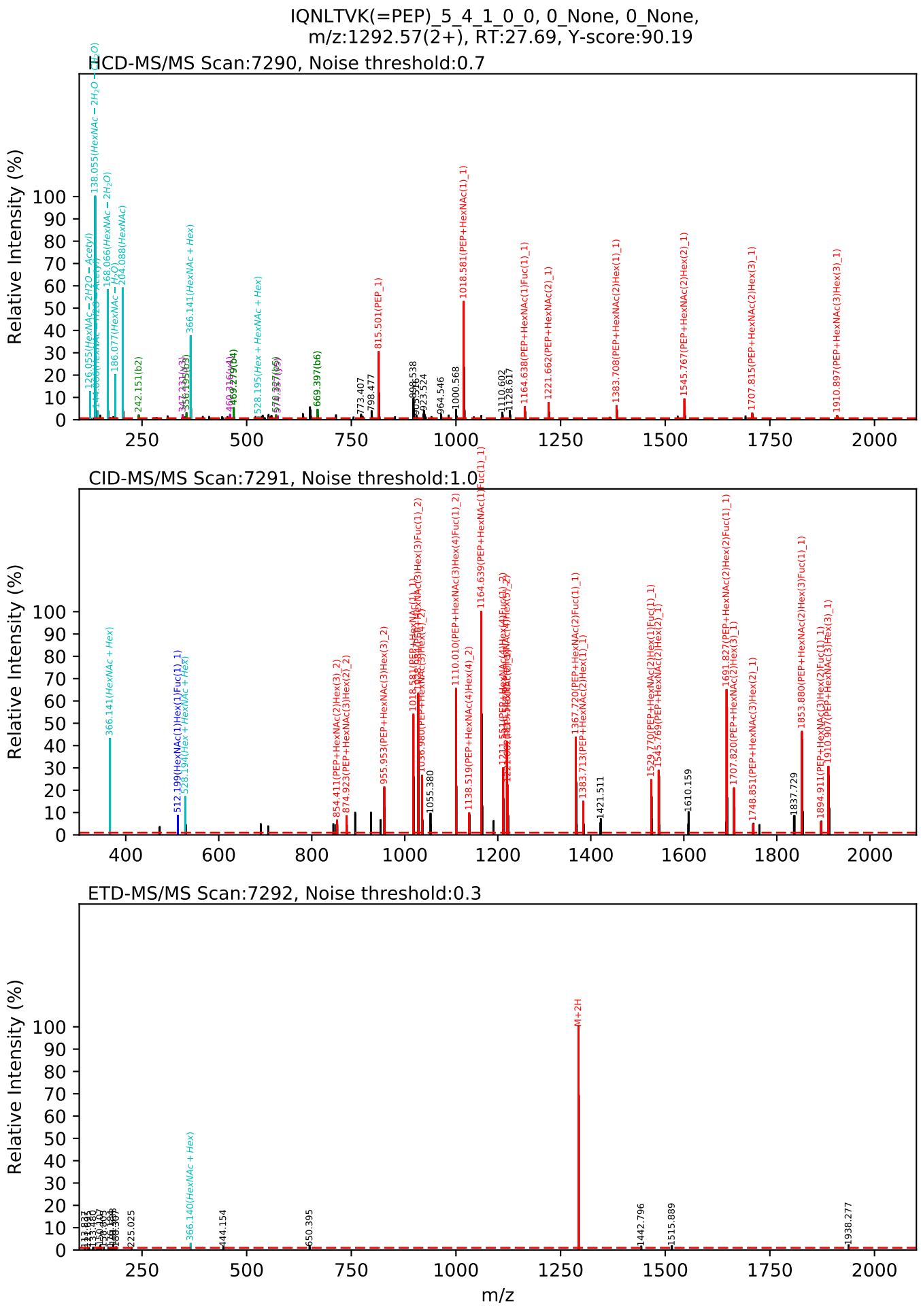

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:25.94, Y-score:86.21
HCD-MS/MS Scan:6413, Noise threshold:0.6
CID-MS/MS Scan:6414, Noise threshold:0.7
ETD-MS/MS Scan:6415, Noise threshold:0.8
Relative Intensity (%)
m/z

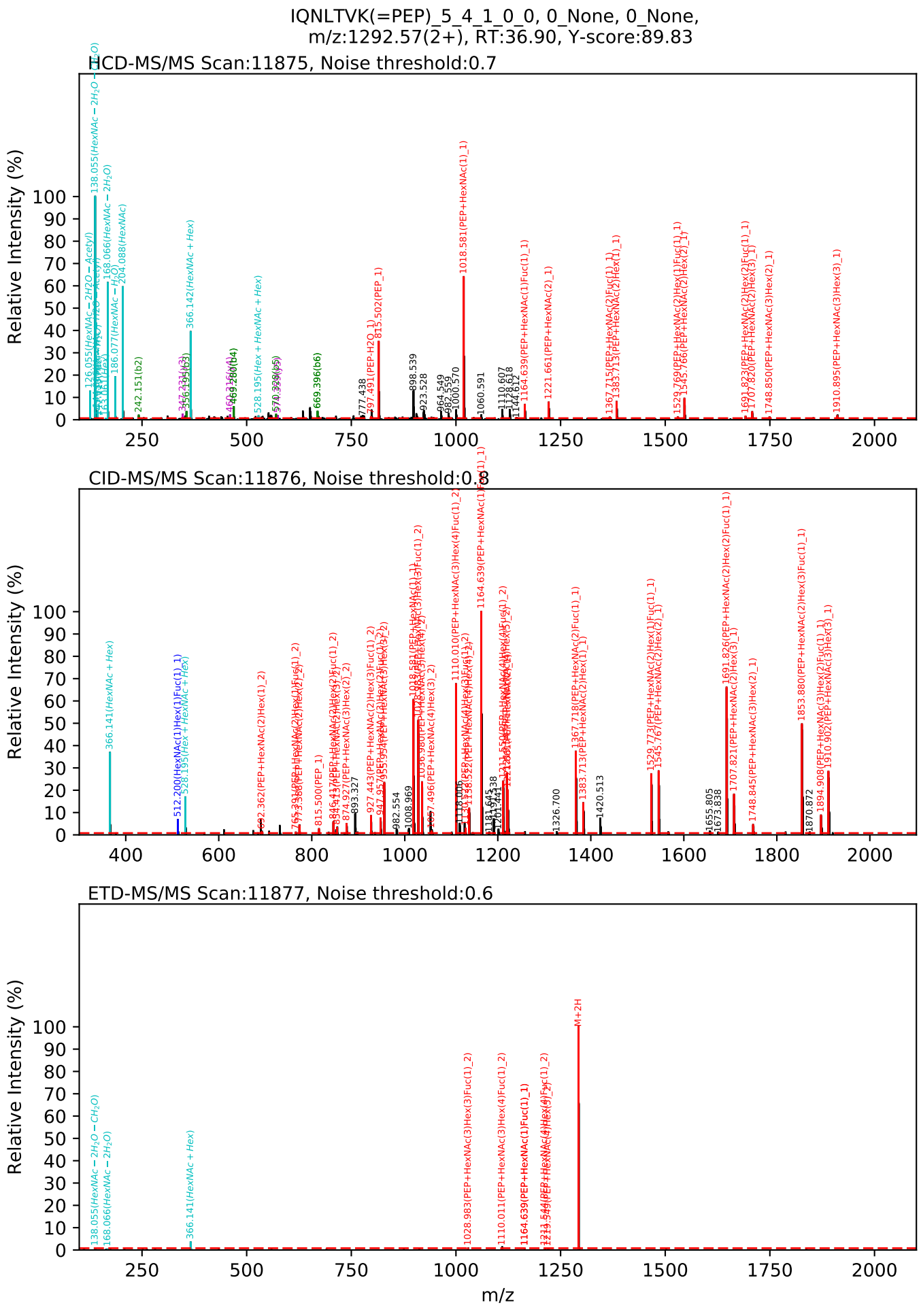

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:26.57, Y-score:91.00
HCD-MS/MS Scan:6723, Noise threshold:0.6
CID-MS/MS Scan:6721, Noise threshold:1.0
ETD-MS/MS Scan:6722, Noise threshold:0.4
Relative Intensity (%)
m/z

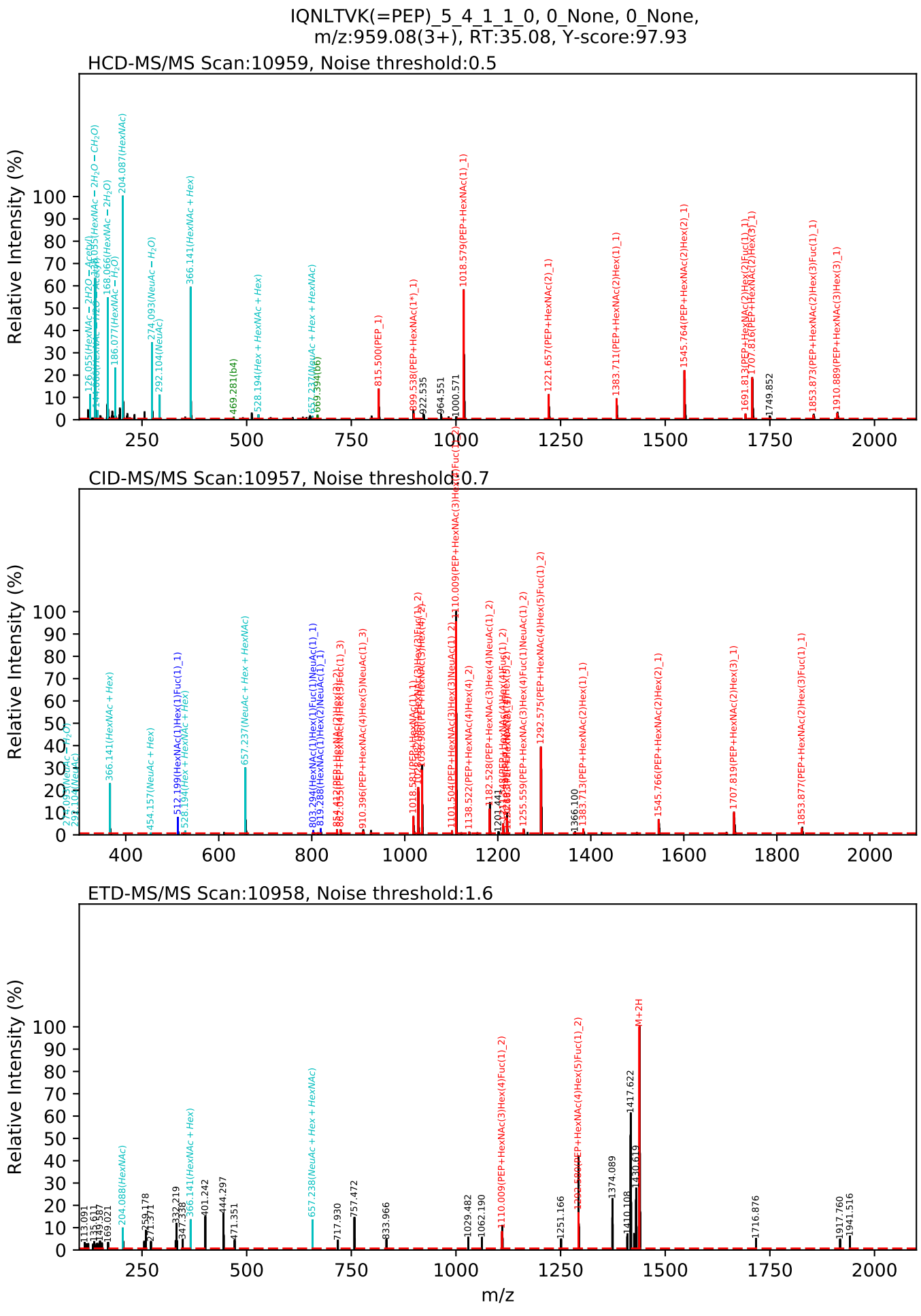

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:862.05(3+), RT:26.91, Y-score:92.02
HCD-MS/MS Scan:6900, Noise threshold:0.6
CID-MS/MS Scan:6899, Noise threshold:0.8
ETD-MS/MS Scan:6901, Noise threshold:0.8
Relative Intensity (%)
m/z

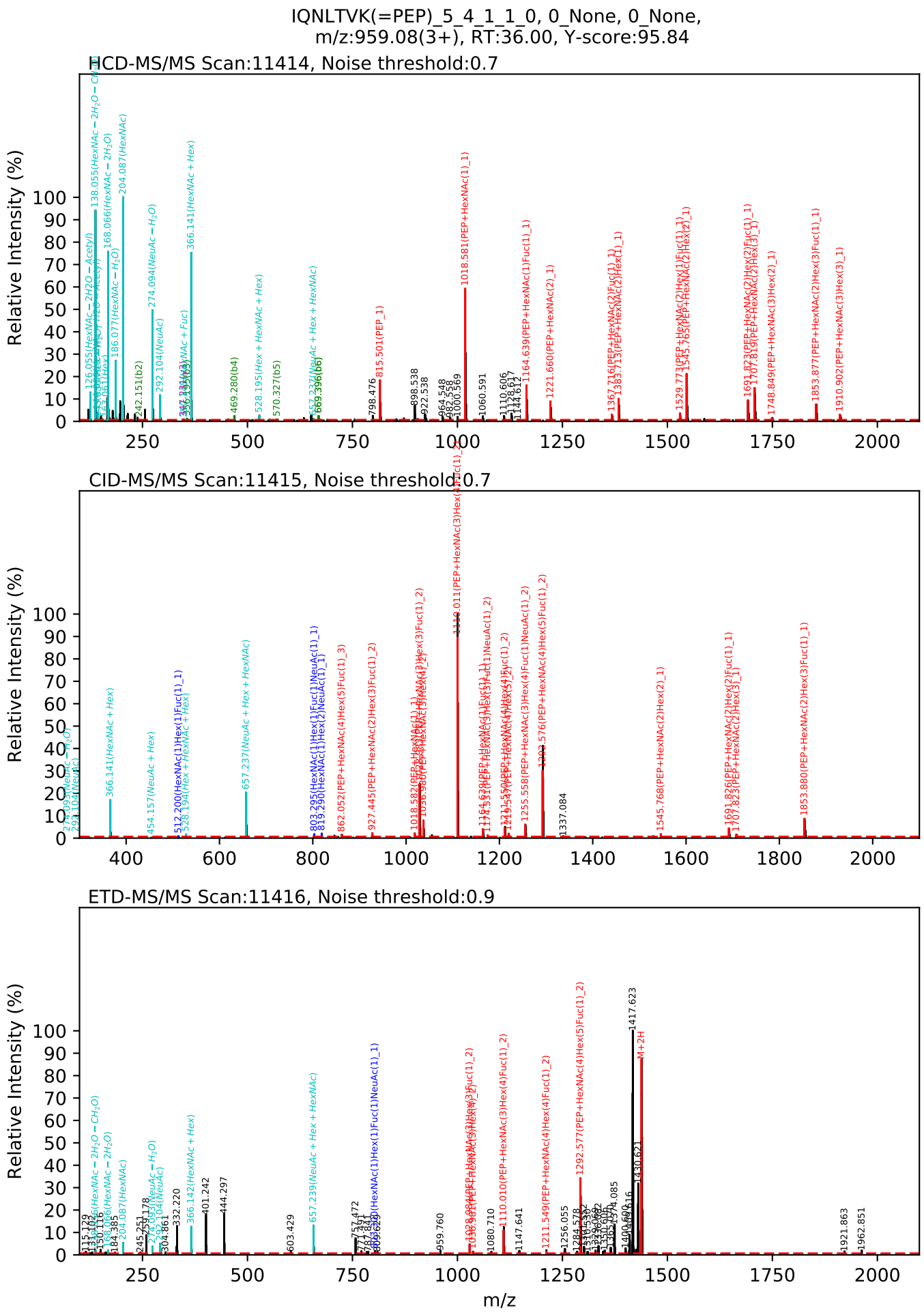

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(4+), RT:26.71, Y-score:97.45
HCD-MS/MS Scan:6793, Noise threshold:0.6
CID-MS/MS Scan:6791, Noise threshold:1.4
ETD-MS/MS Scan:6792, Noise threshold:0.5
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
815.501(PEP_1)
1018.581(PEP+HexNAc(1)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1910.888(PEP+HexNAc(3)Hex(3)_1)
1128.615
923.530
469.279(b4)
528.195(Hex + HexNAc + Hex)
955.956(PEP+HexNAc(3)Hex(3)_2)
1110.011(PEP+HexNAc(3)Hex(4)_2)
1164.641(PEP+HexNAc(4)Hex(4)_2)
1138.523(PEP+HexNAc(4)Hex(4)_2)
1191.536
1367.722(PEP+HexNAc(2)Fuc(1)_1)
1853.884(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1707.825(PEP+HexNAc(2)Hex(3)_1)
M+2H
1335.615
1400.845
580.680
637.272
703.768

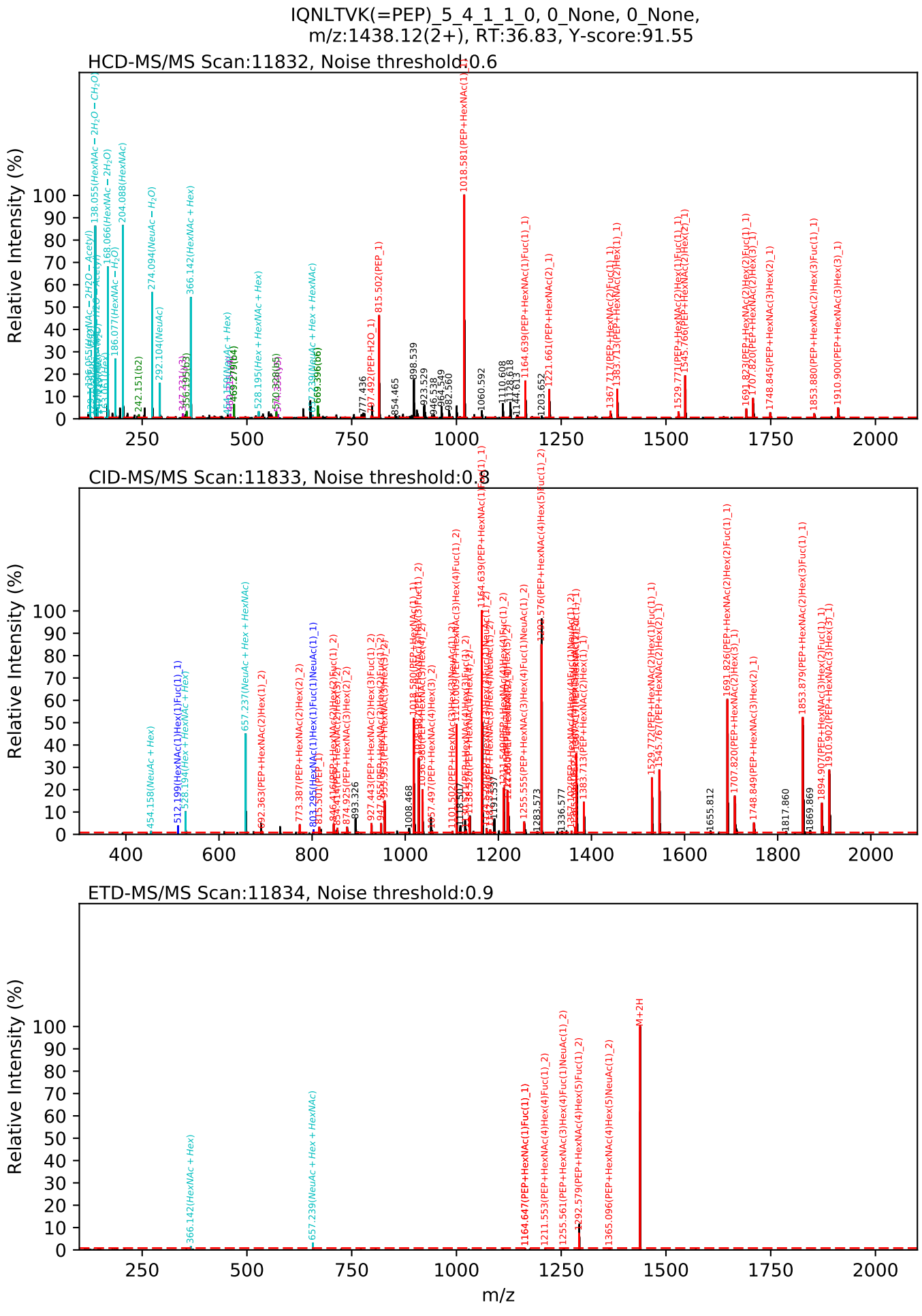

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:27.12, Y-score:89.99
HCD-MS/MS Scan:7003, Noise threshold:0.7
CID-MS/MS Scan:7004, Noise threshold:1.0
ETD-MS/MS Scan:7005, Noise threshold:1.2
Relative Intensity (%)
m/z
M+2H

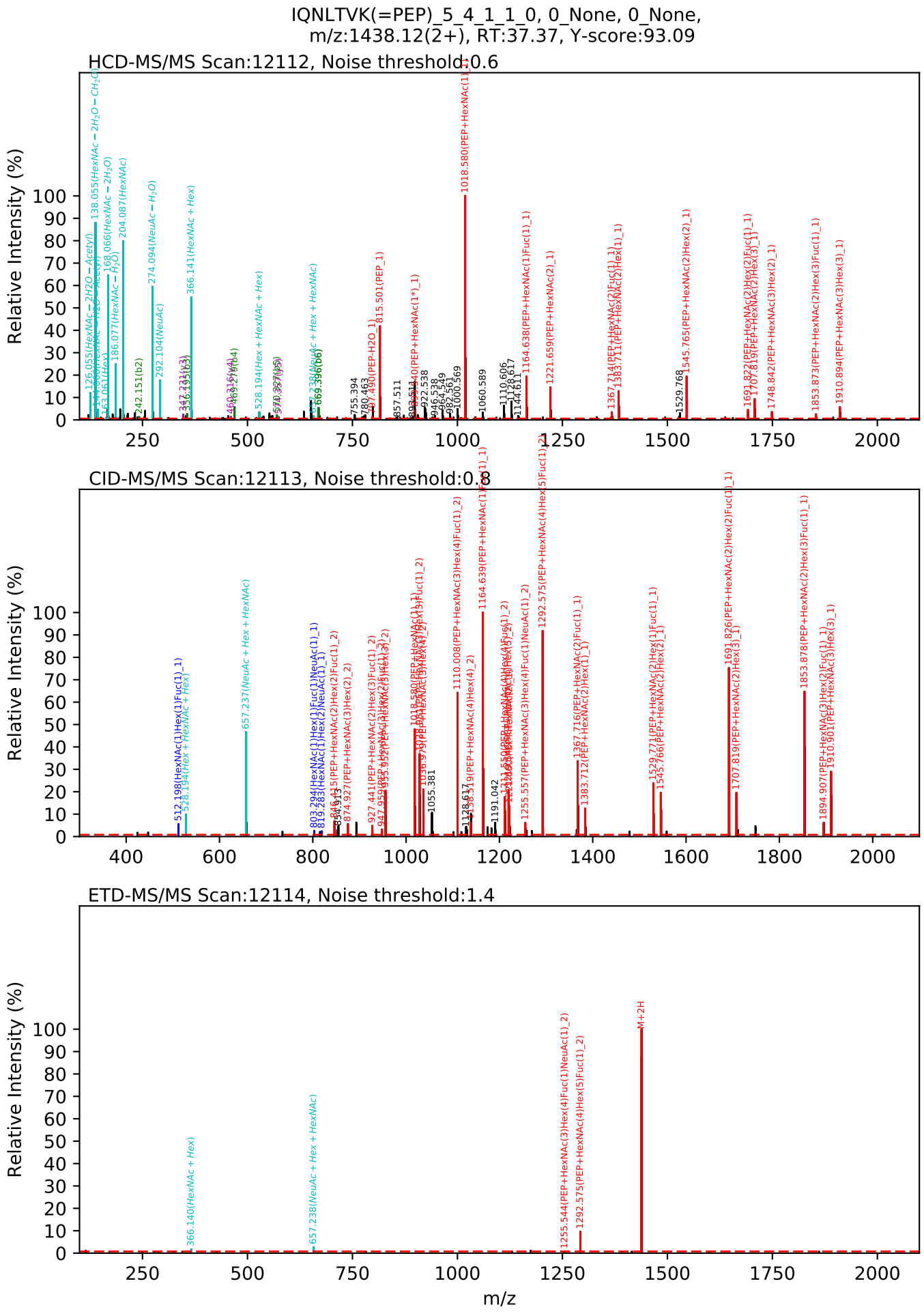

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:27.69, Y-score:90.19
HCD-MS/MS Scan:7290, Noise threshold:0.7
CID-MS/MS Scan:7291, Noise threshold:1.0
ETD-MS/MS Scan:7292, Noise threshold:0.3
Relative Intensity (%)
m/z

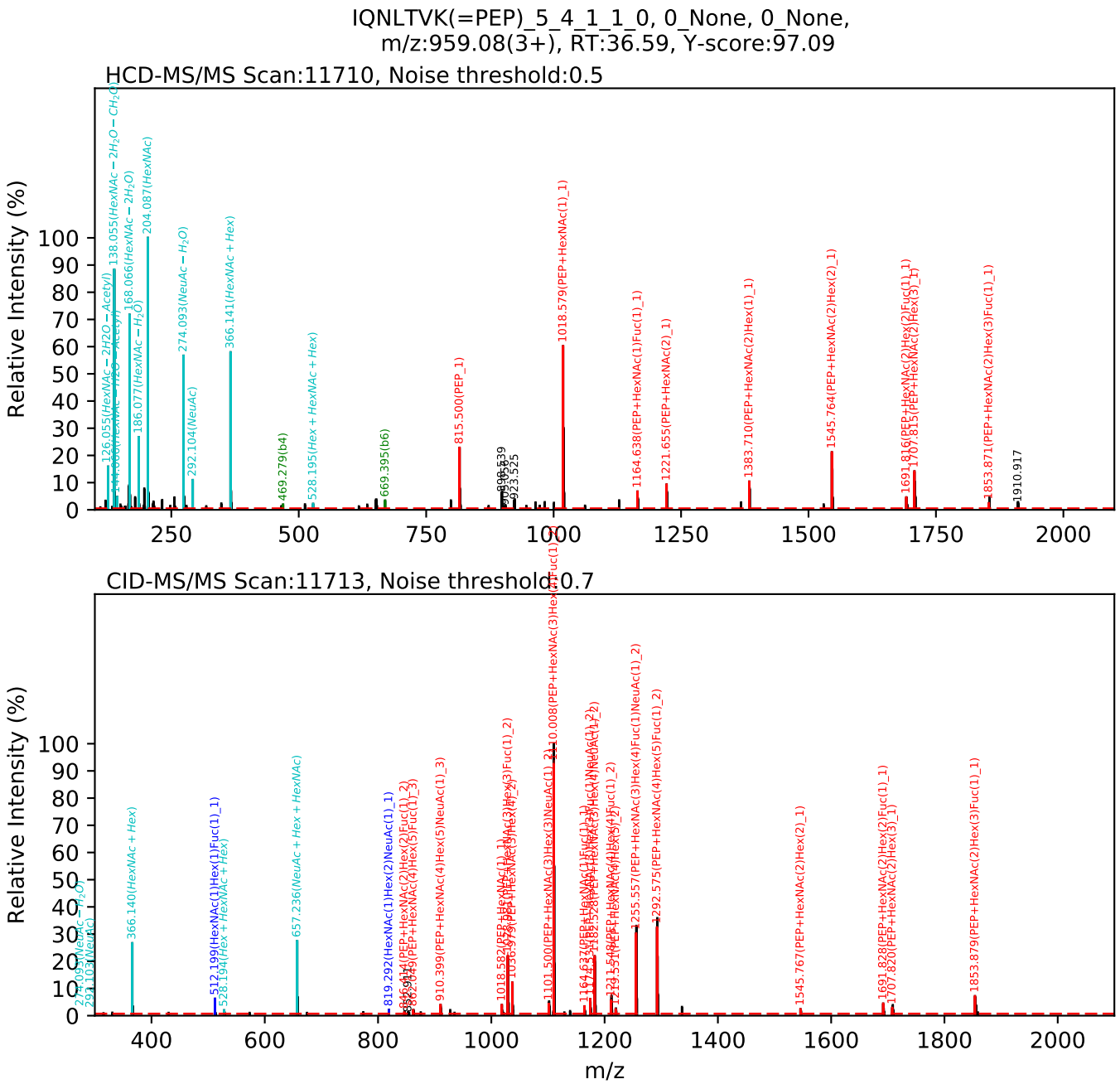

IQNLTVK(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1292.57(2+), RT:36.90, Y-score:89.83
HCD-MS/MS Scan:11875, Noise threshold:0.7
CID-MS/MS Scan:11876, Noise threshold:0.8
ETD-MS/MS Scan:11877, Noise threshold:0.6
Relative Intensity (%)
m/z
M+2H

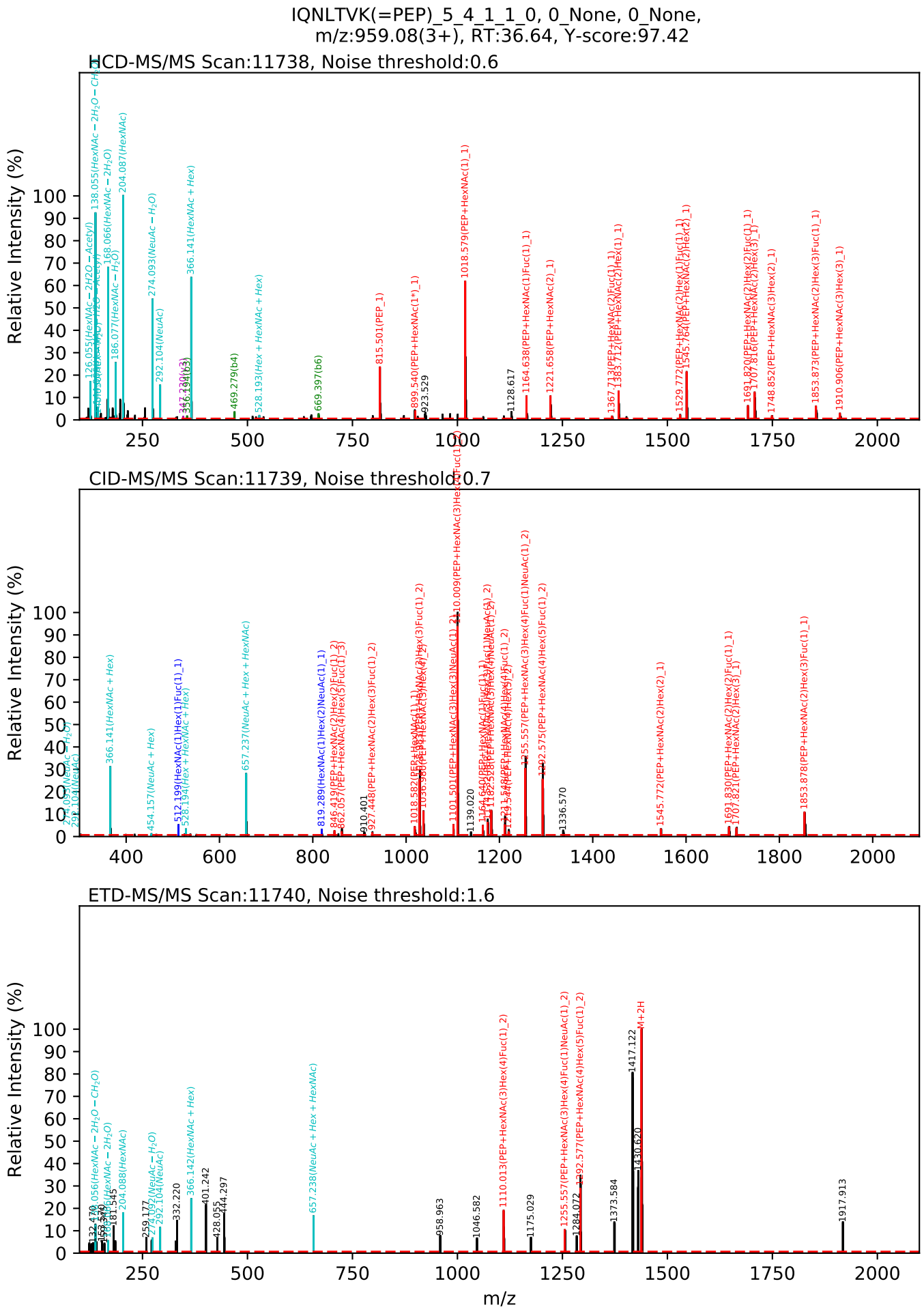

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:35.08, Y-score:97.93
HCD-MS/MS Scan:10959, Noise threshold:0.5
CID-MS/MS Scan:10957, Noise threshold:0.7
ETD-MS/MS Scan:10958, Noise threshold:1.6
Relative Intensity (%)
m/z

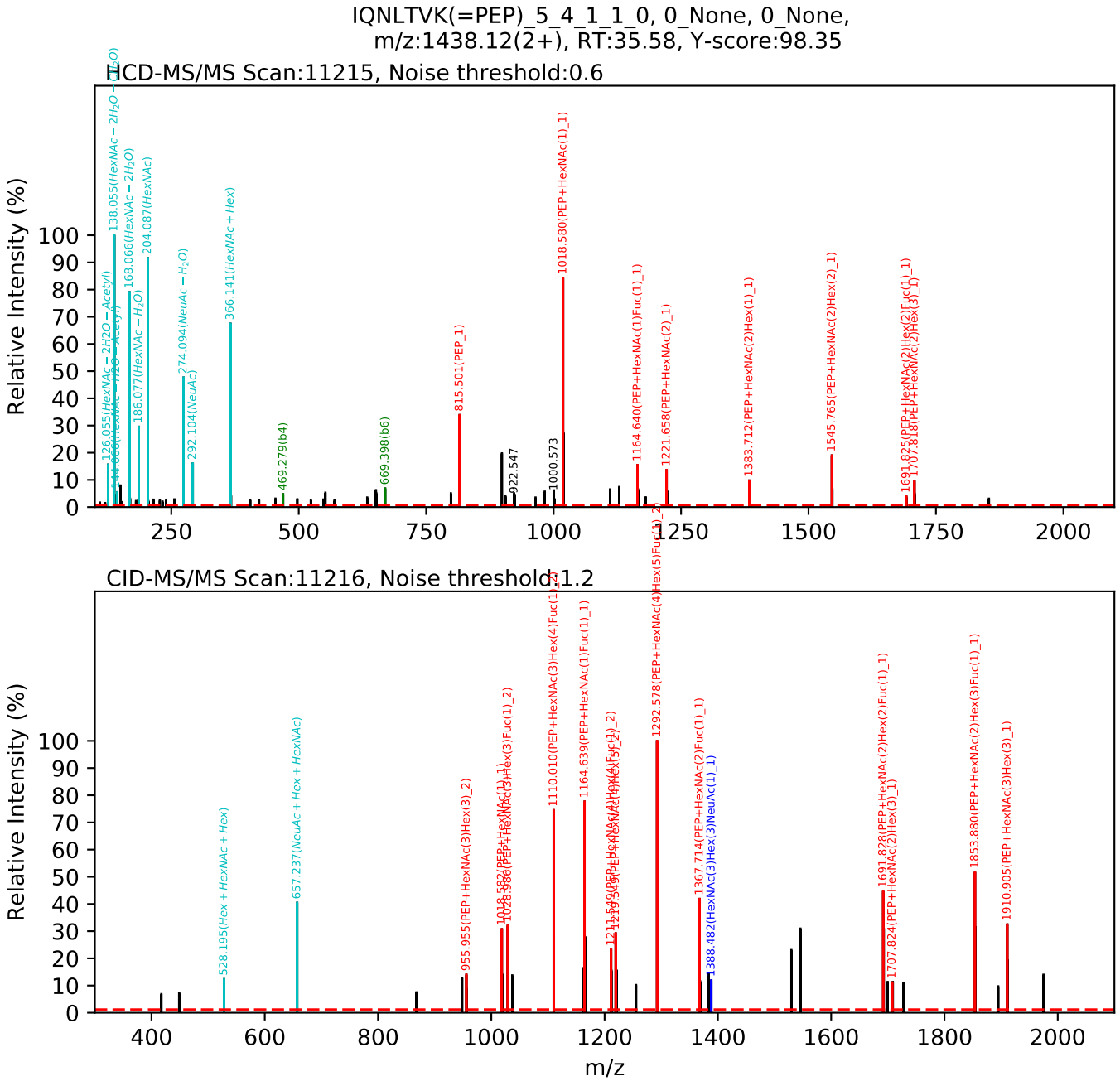

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:36.00, Y-score:95.84
HCD-MS/MS Scan:11414, Noise threshold:0.7
CID-MS/MS Scan:11415, Noise threshold:0.7
ETD-MS/MS Scan:11416, Noise threshold:0.9
Relative Intensity (%)
m/z

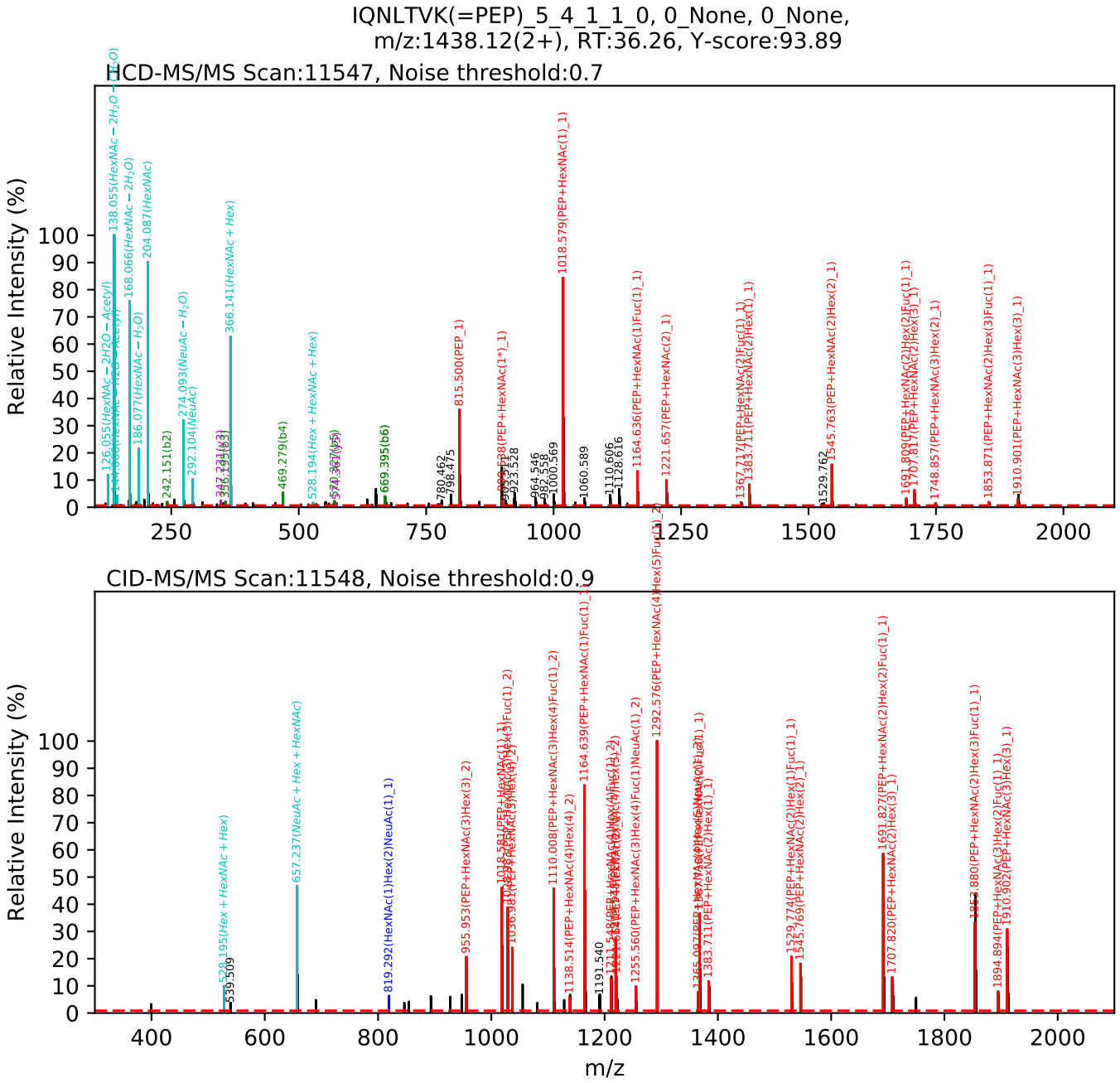

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.83, Y-score:91.55
HCD-MS/MS Scan:11832, Noise threshold:0.6
CID-MS/MS Scan:11833, Noise threshold:0.8
ETD-MS/MS Scan:11834, Noise threshold:0.9
Relative Intensity (%)
m/z

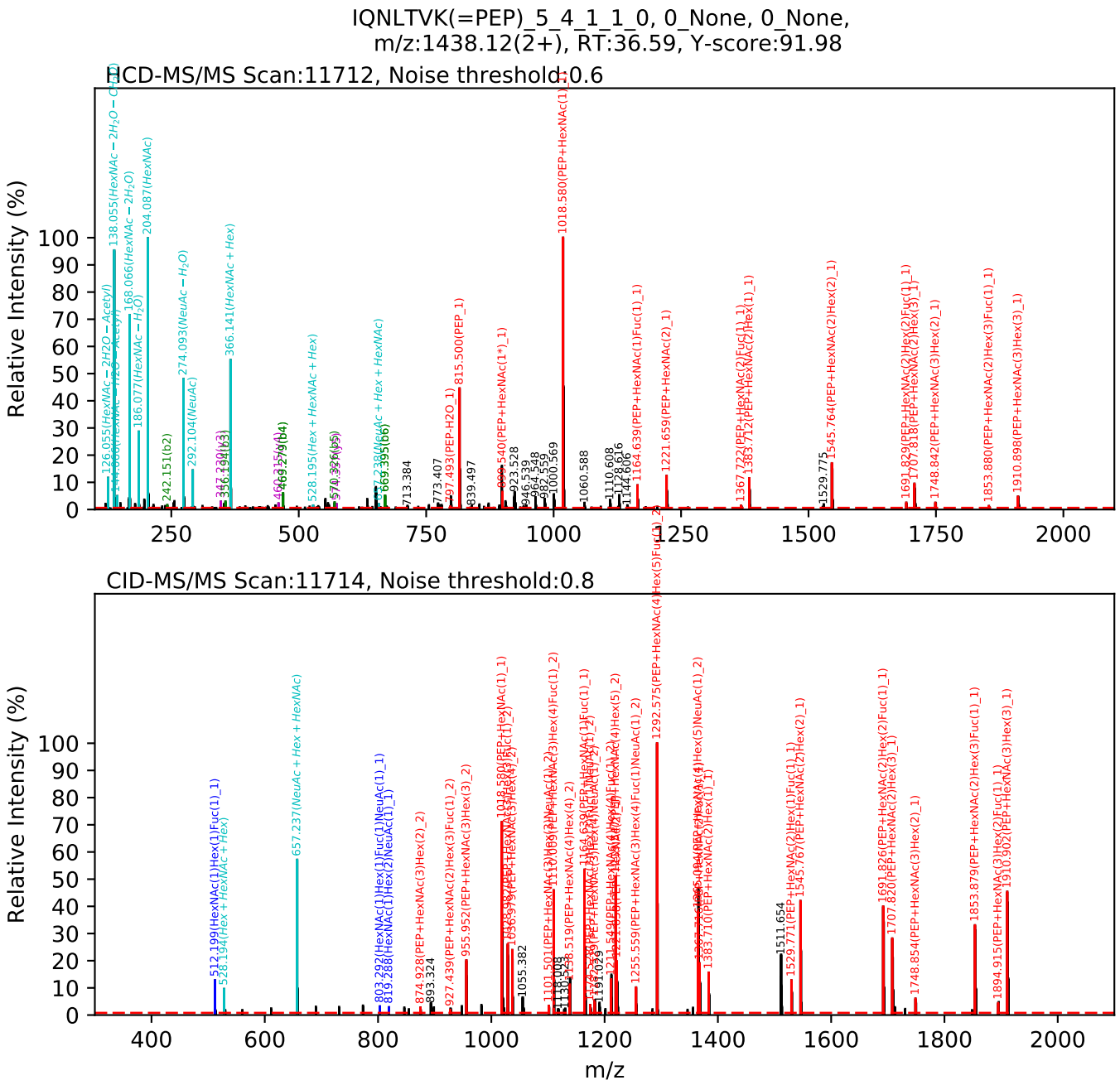

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:37.37, Y-score:93.09
HCD-MS/MS Scan:12112, Noise threshold:0.6
CID-MS/MS Scan:12113, Noise threshold:0.8
ETD-MS/MS Scan:12114, Noise threshold:1.4
Relative Intensity (%)
m/z
M+2H

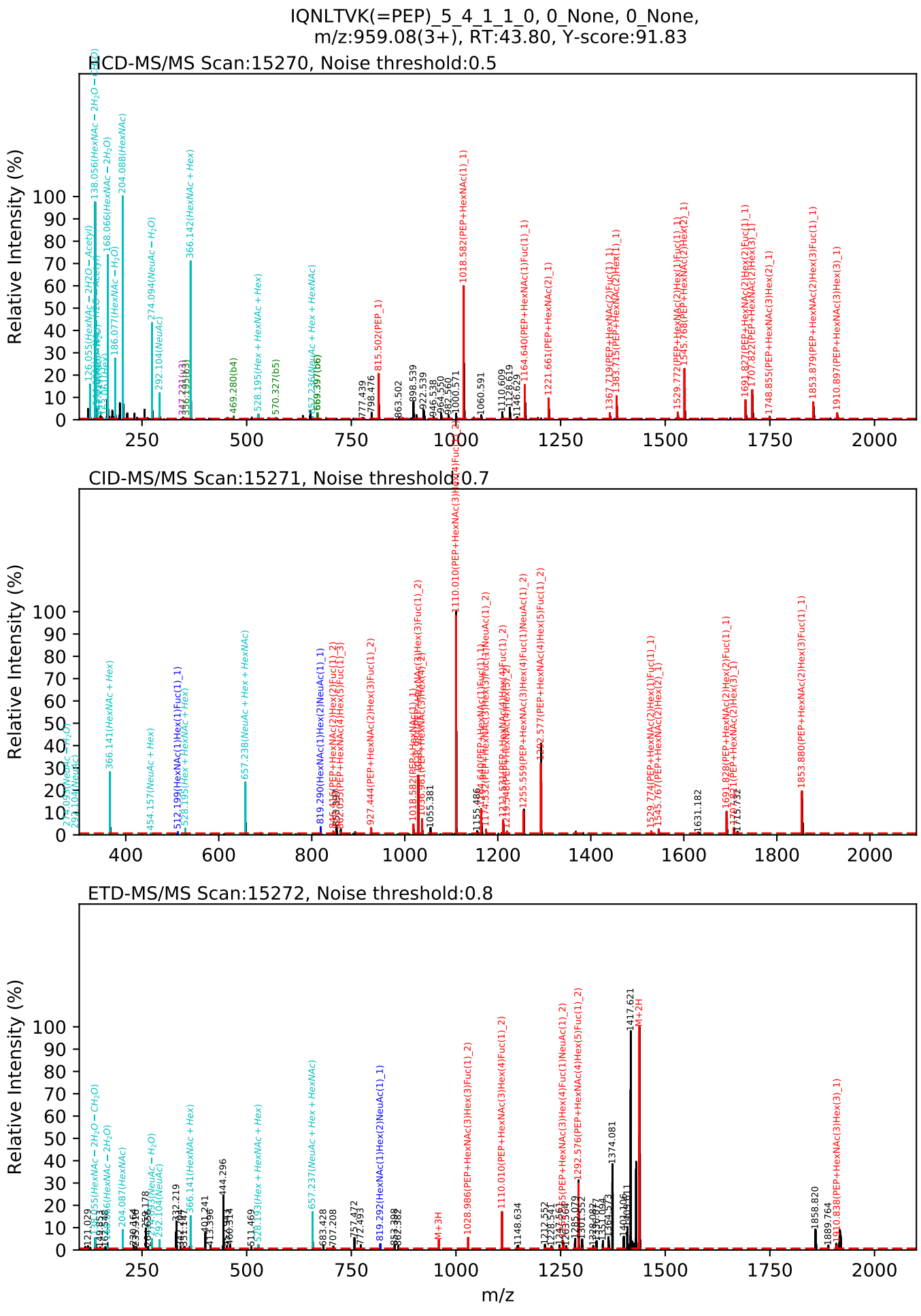

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:36.59, Y-score:97.09
HCD-MS/MS Scan:11710, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.279(b4)
528.195(Hex + HexNAc + Hex)
669.395(b6)
815.500(PEP_1)
923.525
1018.579(PEP+HexNAc(1)_1)
1164.638(PEP+HexNAc(1)Fuc(1)_1)
1221.655(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1853.871(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.917
CID-MS/MS Scan:11713, Noise threshold:0.7
Relative Intensity (%)
366.140(HexNAc + Hex)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.194(Hex + HexNAc + Hex)
657.236(NeuAc + Hex + HexNAc)
819.292(HexNAc(1)Hex(2)NeuAc(1)_1)
910.399(PEP+HexNAc(4)Hex(5)NeuAc(1)_3)
1101.500(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1255.557(PEP+HexNAc(3)Hex(4)Fuc(1)NeuAc(1)_2)
1292.575(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1691.828(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1853.879(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
m/z

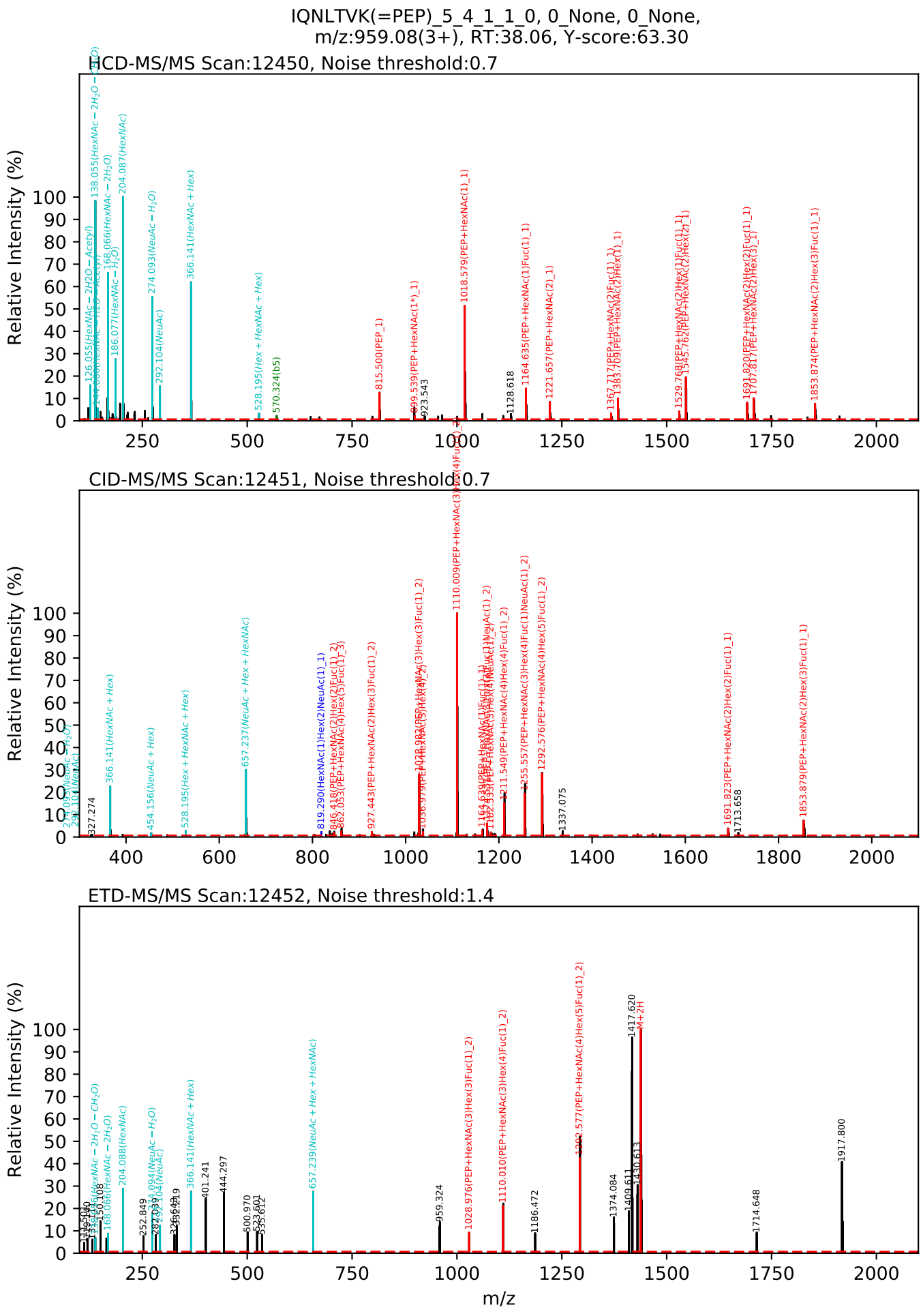

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:36.64, Y-score:97.42
HCD-MS/MS Scan:11738, Noise threshold:0.6
CID-MS/MS Scan:11739, Noise threshold:0.7
ETD-MS/MS Scan:11740, Noise threshold:1.6
Relative Intensity (%)
m/z

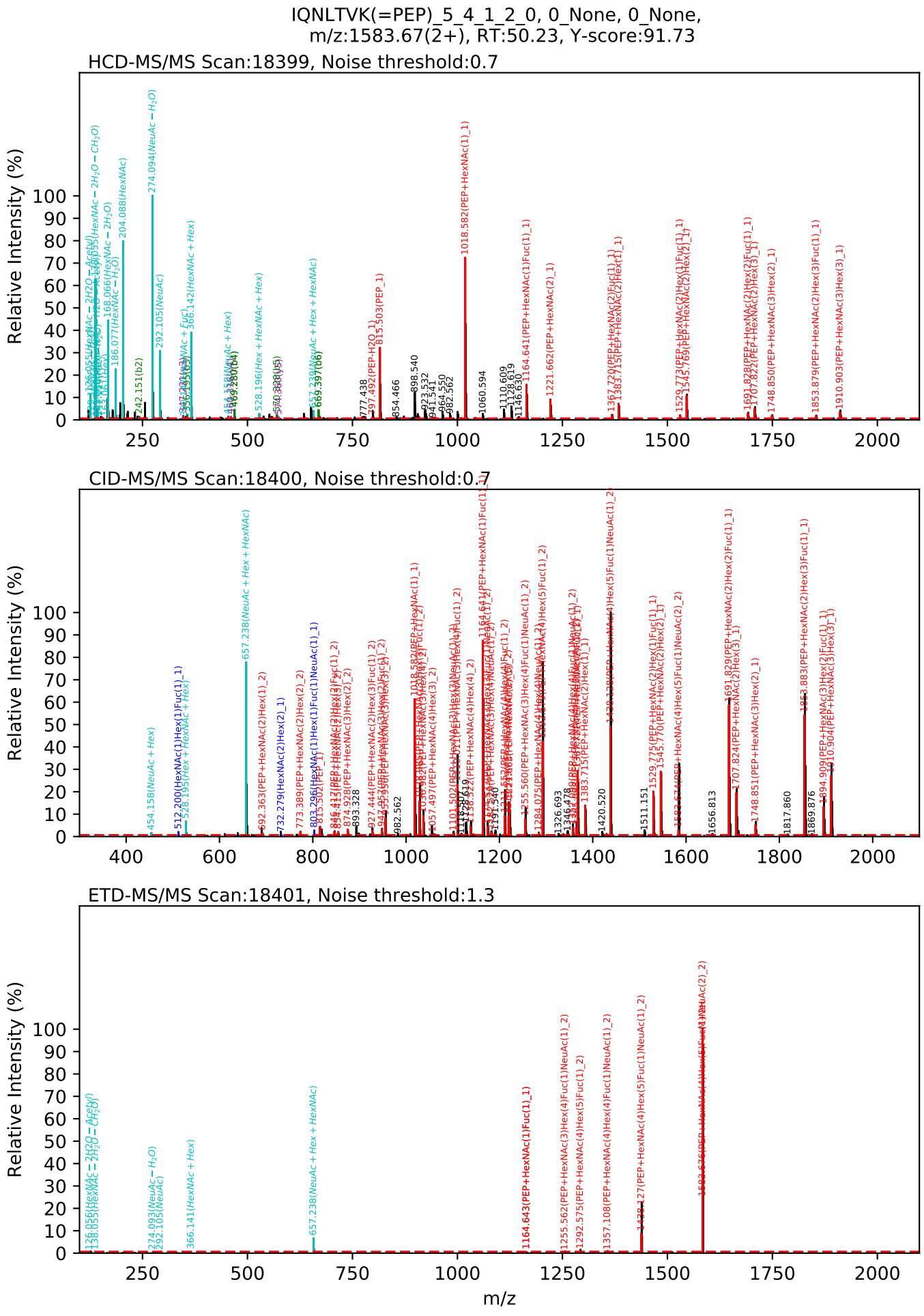

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:35.58, Y-score:98.35
HCD-MS/MS Scan:11215, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.279(b4)
669.398(b6)
815.501(PEP_1)
922.547
1000.573
1018.580(PEP+HexNAc(1)_1)
1164.640(PEP+HexNAc(1)Fuc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:11216, Noise threshold:1.2
Relative Intensity (%)
528.195(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
955.955(PEP+HexNAc(3)Hex(3)_2)
1110.010(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1292.578(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1367.714(PEP+HexNAc(2)Fuc(1)_1)
1388.482(HexNAc(3)Hex(3)NeuAc(1)_1)
1707.824(PEP+HexNAc(2)Hex(3)_1)
1853.880(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.905(PEP+HexNAc(3)Hex(3)_1)
m/z

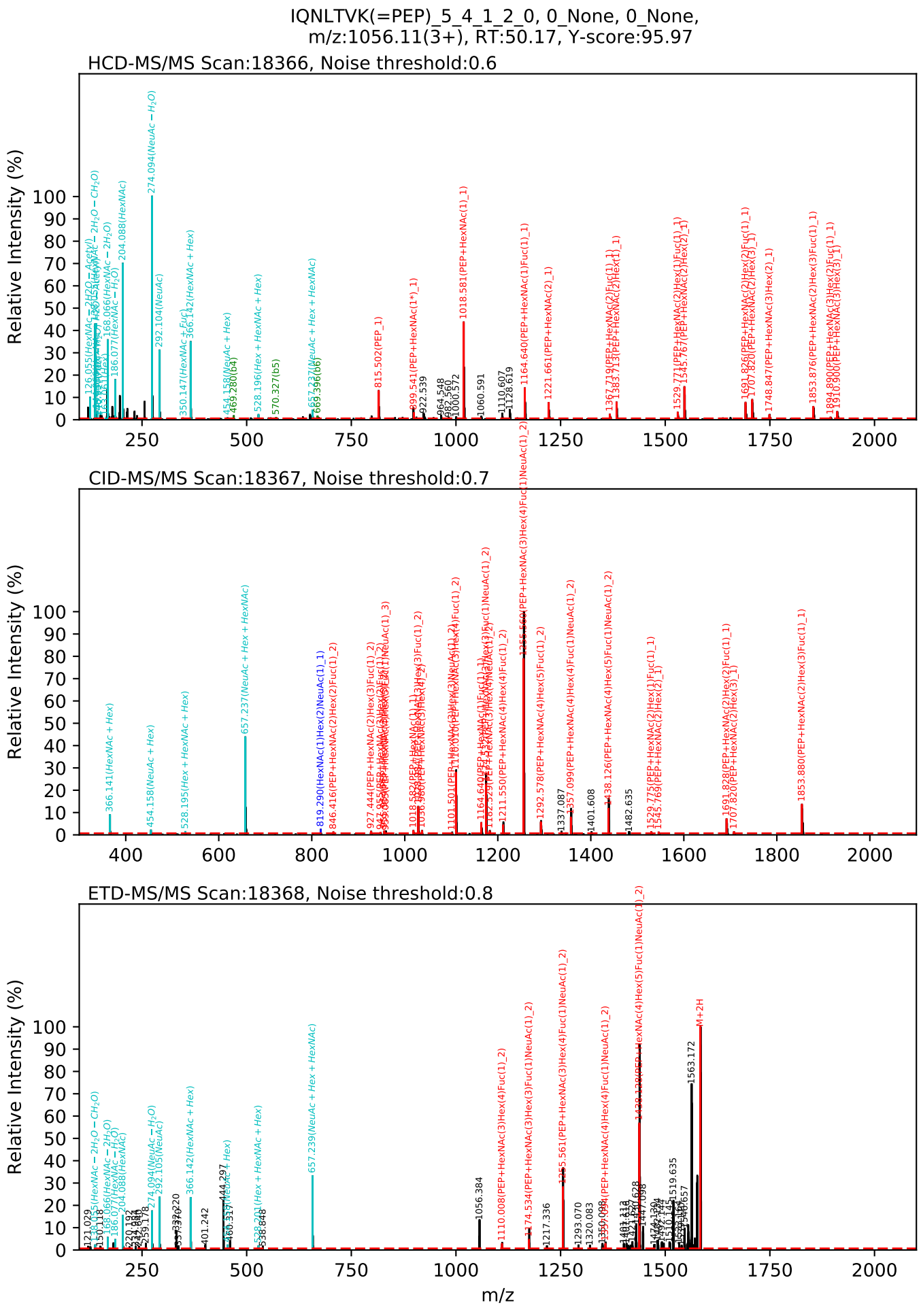

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.26, Y-score:93.89
HCD-MS/MS Scan:11547, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.279(b4)
528.194(Hex + HexNAc + Hex)
669.395(b6)
815.500(PEP_1)
1018.579(PEP+HexNAc(1)_1)
1164.636(PEP+HexNAc(1)Fuc(1)_1)
1221.657(PEP+HexNAc(2)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1748.857(PEP+HexNAc(3)Hex(2)_1)
1853.871(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:11548, Noise threshold:0.9
Relative Intensity (%)
m/z
539.509
657.237(NeuAc + Hex + HexNAc)
819.292(HexNAc(1)Hex(2)NeuAc(1)_1)
955.953(PEP+HexNAc(3)Hex(3)_2)
1110.008(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1138.514(PEP+HexNAc(4)Hex(4)_2)
1164.639(PEP+HexNAc(1)Fuc(1)_1)
1191.540
1255.560(PEP+HexNAc(3)Hex(4)Fuc(1)NeuAc(1)_2)
1292.576(PEP+HexNAc(4)Hex(5)Fuc(1)_2)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(2)Fuc(1)_1)
1853.880(PEP+HexNAc(2)Hex(3)Fuc(1)_1)
1894.894(PEP+HexNAc(3)Hex(2)Fuc(1)_1)
1910.902(PEP+HexNAc(3)Hex(3)_1)

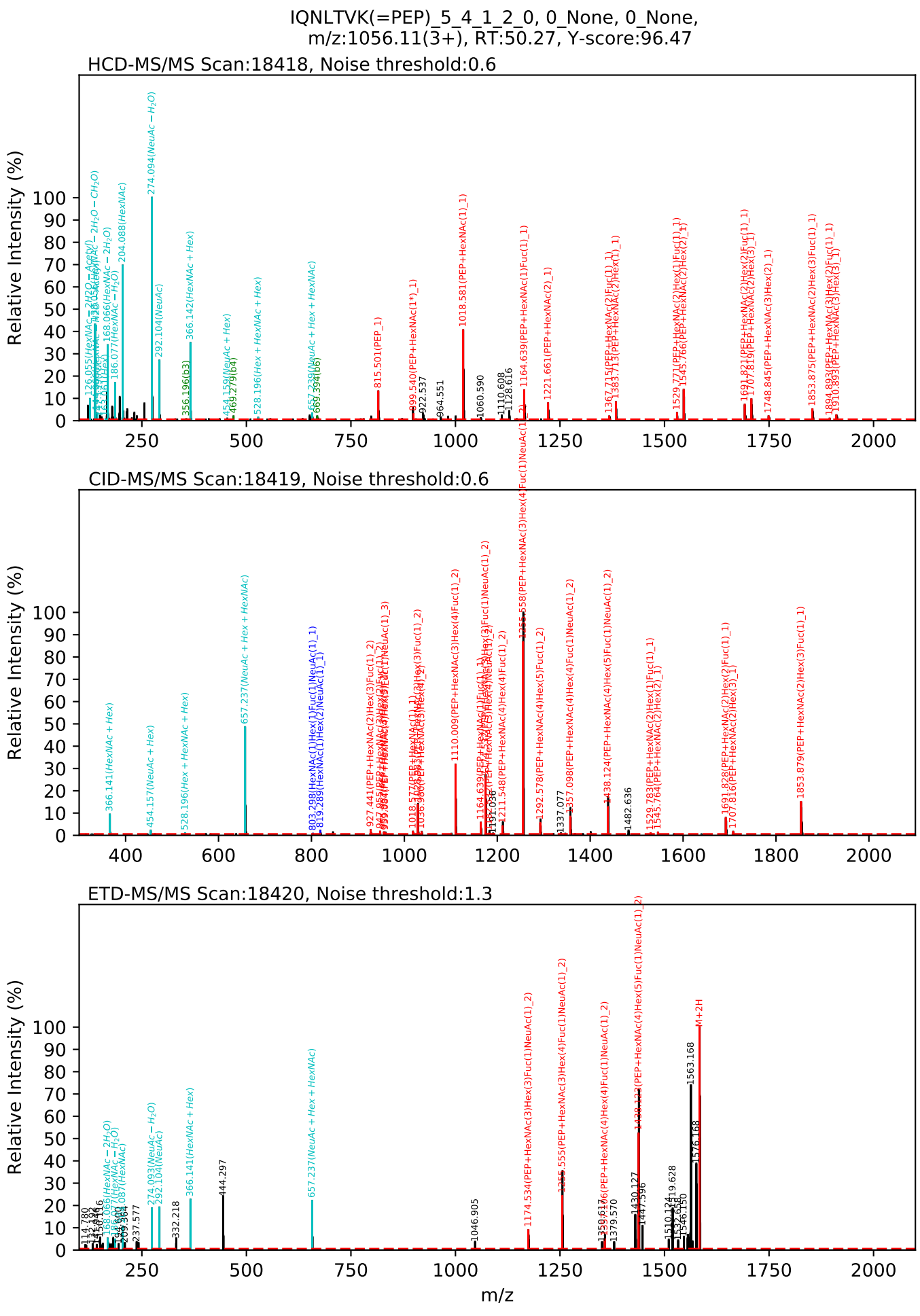

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:1438.12(2+), RT:36.59, Y-score:91.98
HCD-MS/MS Scan:11712, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:11714, Noise threshold:0.8
Relative Intensity (%)
m/z

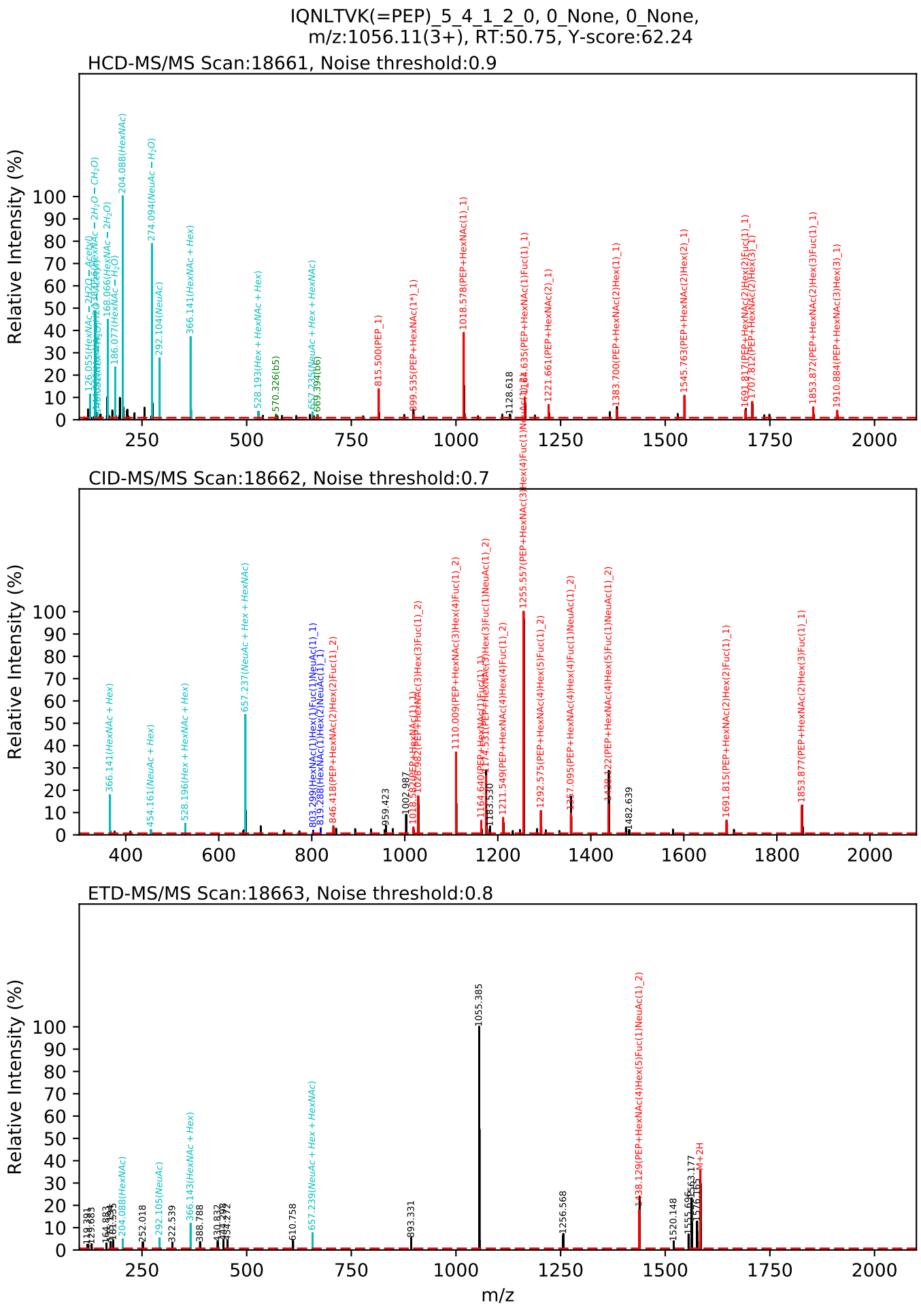

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:43.80, Y-score:91.83
HCD-MS/MS Scan:15270, Noise threshold:0.5
CID-MS/MS Scan:15271, Noise threshold:0.7
ETD-MS/MS Scan:15272, Noise threshold:0.8
Relative Intensity (%)
m/z

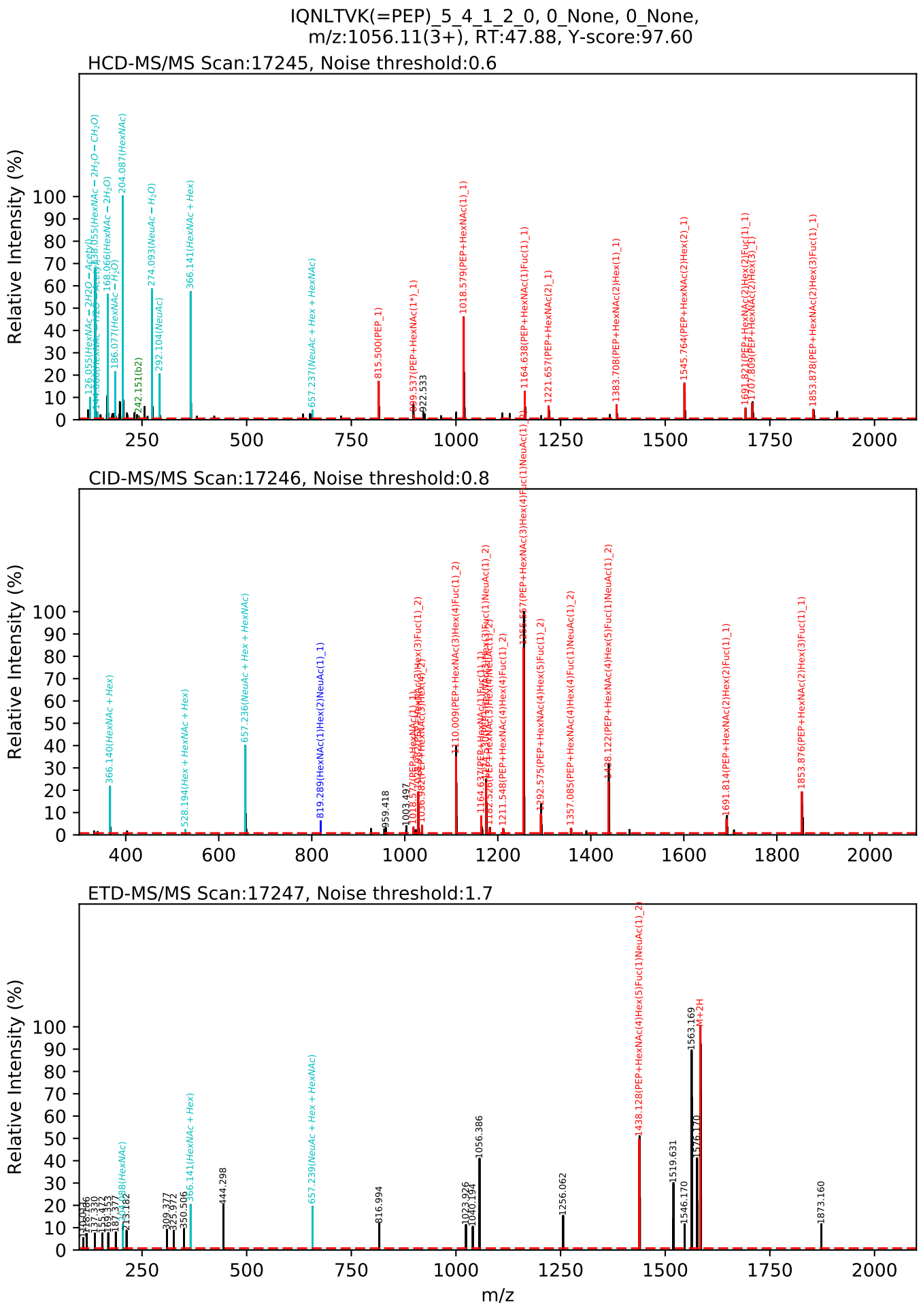

IQNLTVK(=PEP)_5_4_1_1_0, 0_None, 0_None,
m/z:959.08(3+), RT:38.06, Y-score:63.30
HCD-MS/MS Scan:12450, Noise threshold:0.7
CID-MS/MS Scan:12451, Noise threshold:0.7
ETD-MS/MS Scan:12452, Noise threshold:1.4
Relative Intensity (%)
m/z

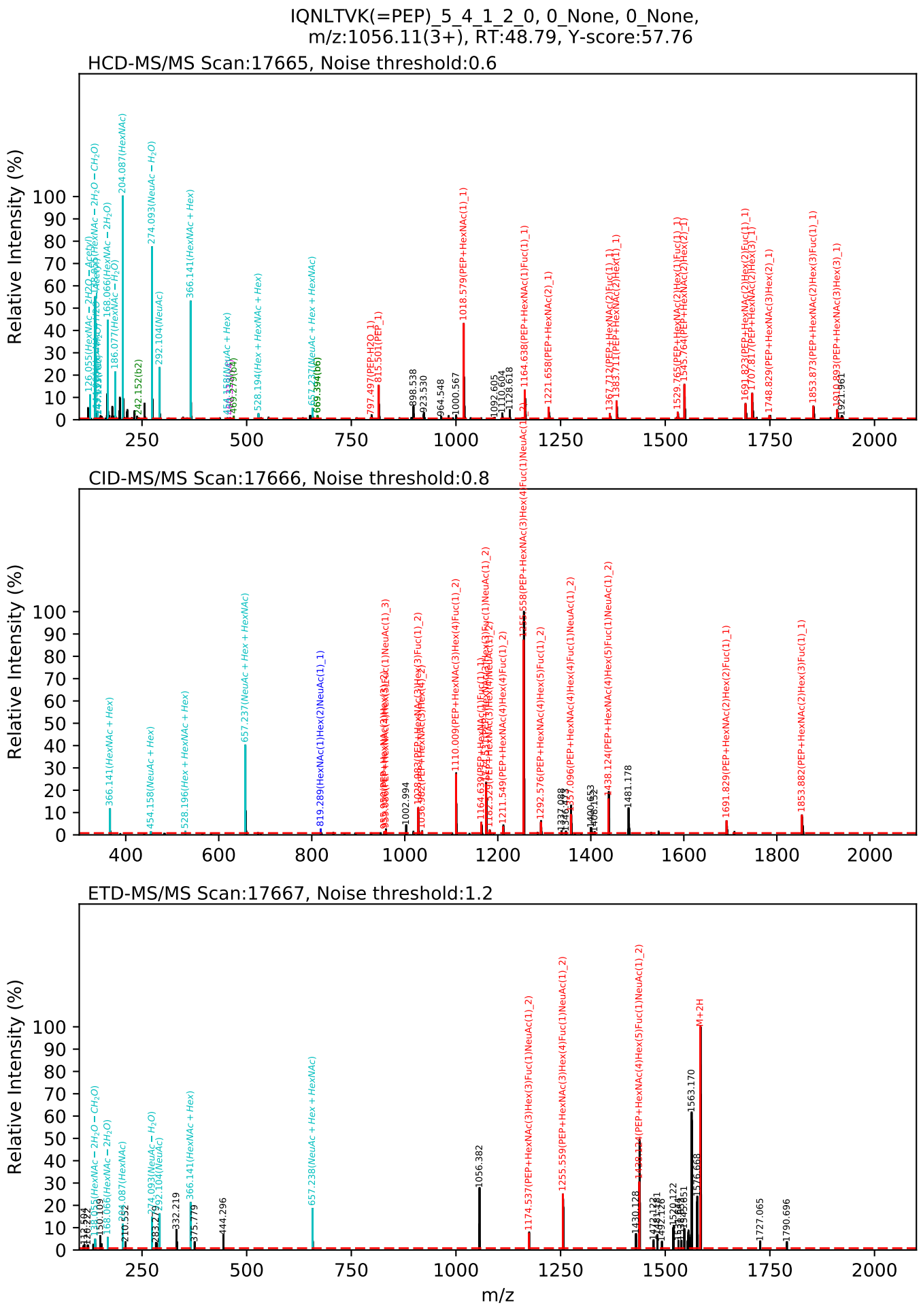

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:50.23, Y-score:91.73
HCD-MS/MS Scan:18399, Noise threshold:0.7
CID-MS/MS Scan:18400, Noise threshold:0.7
ETD-MS/MS Scan:18401, Noise threshold:1.3
Relative Intensity (%)
m/z

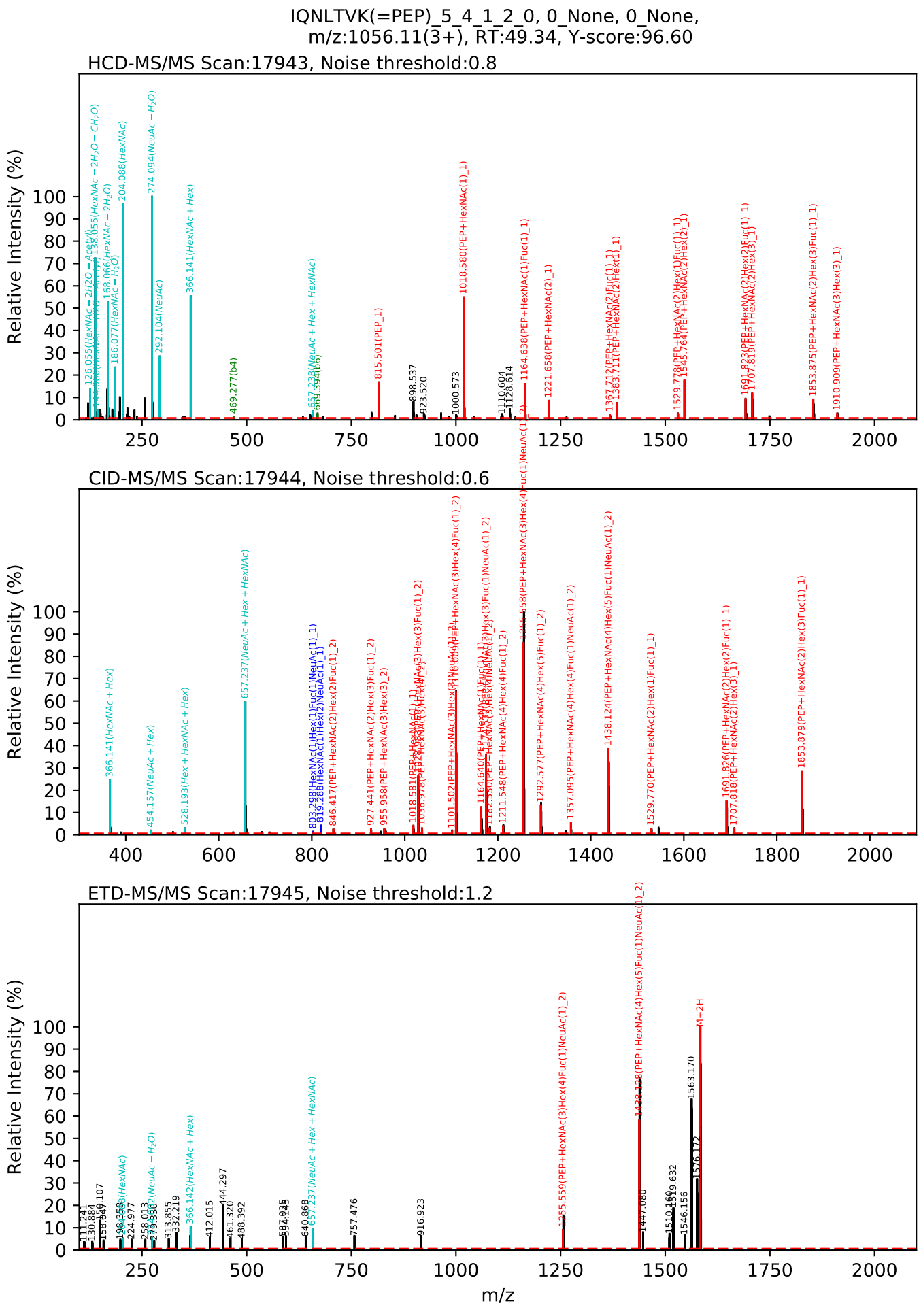

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:50.17, Y-score:95.97
HCD-MS/MS Scan:18366, Noise threshold:0.6
CID-MS/MS Scan:18367, Noise threshold:0.7
ETD-MS/MS Scan:18368, Noise threshold:0.8
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:50.27, Y-score:96.47
HCD-MS/MS Scan:18418, Noise threshold:0.6
CID-MS/MS Scan:18419, Noise threshold:0.6
ETD-MS/MS Scan:18420, Noise threshold:1.3
Relative Intensity (%)
m/z

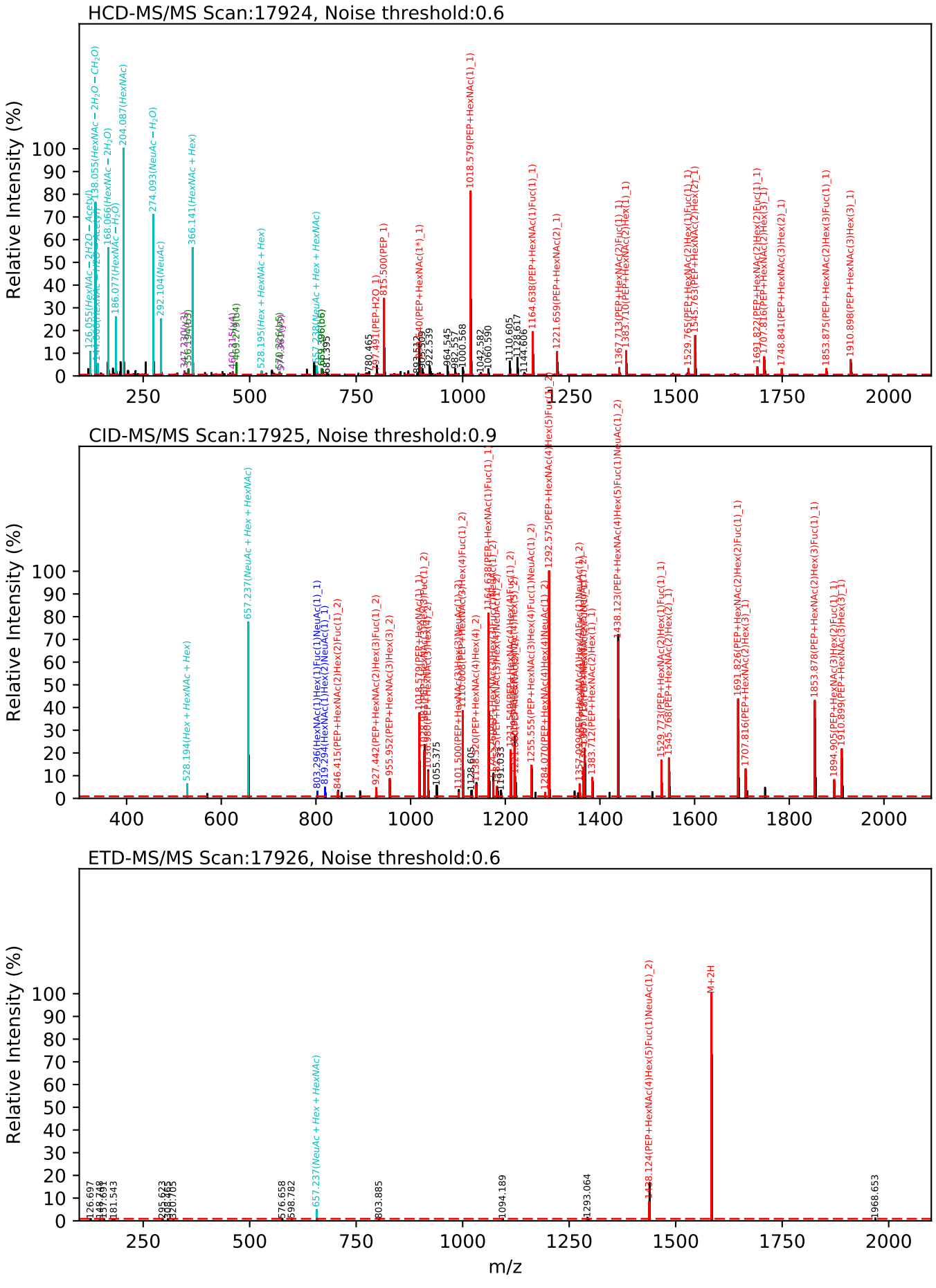

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:50.75, Y-score:62.24
HCD-MS/MS Scan:18661, Noise threshold:0.9
CID-MS/MS Scan:18662, Noise threshold:0.7
ETD-MS/MS Scan:18663, Noise threshold:0.8
Relative Intensity (%)
m/z

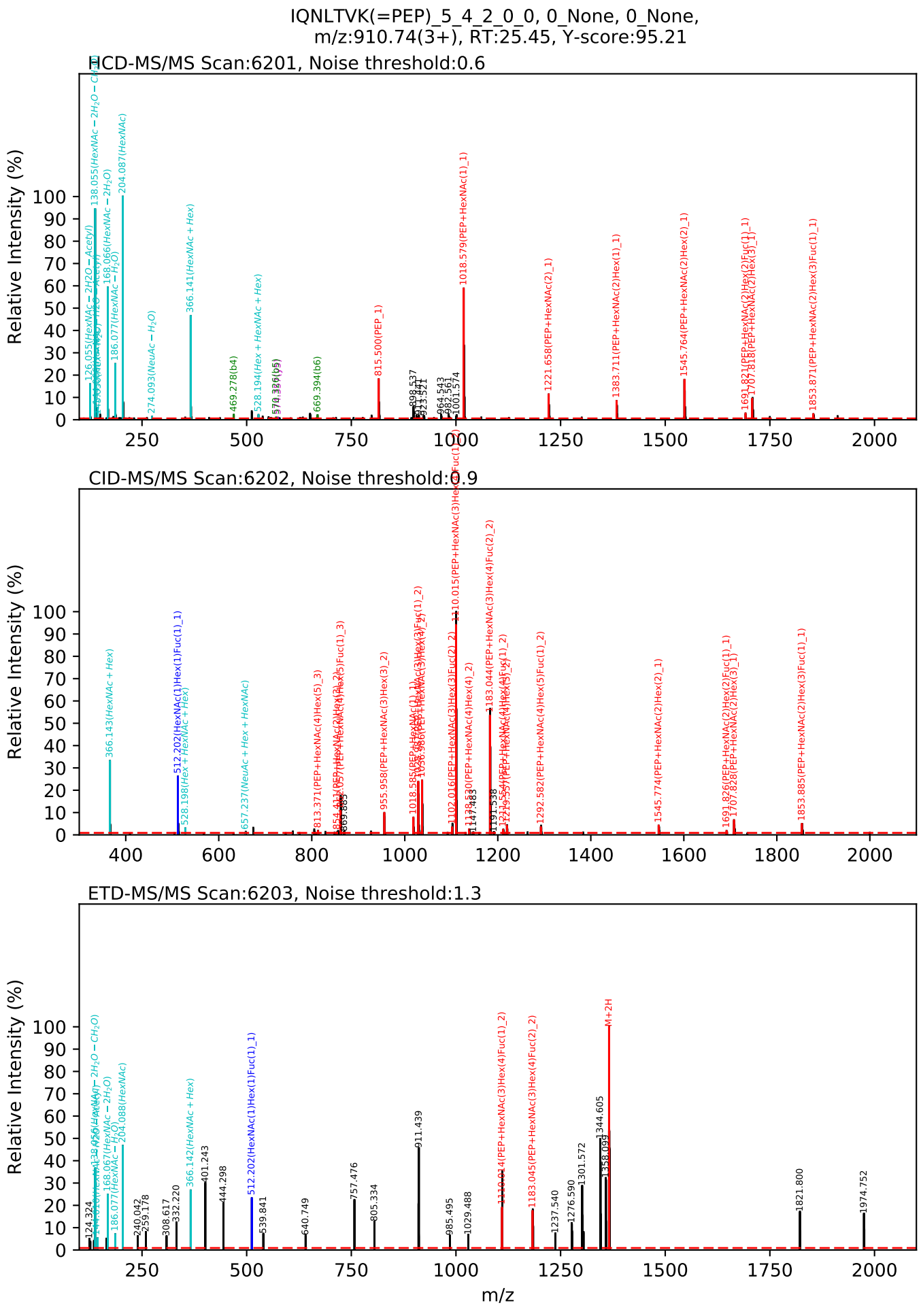

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:47.88, Y-score:97.60
HCD-MS/MS Scan:17245, Noise threshold:0.6
CID-MS/MS Scan:17246, Noise threshold:0.8
ETD-MS/MS Scan:17247, Noise threshold:1.7
Relative Intensity (%)
m/z

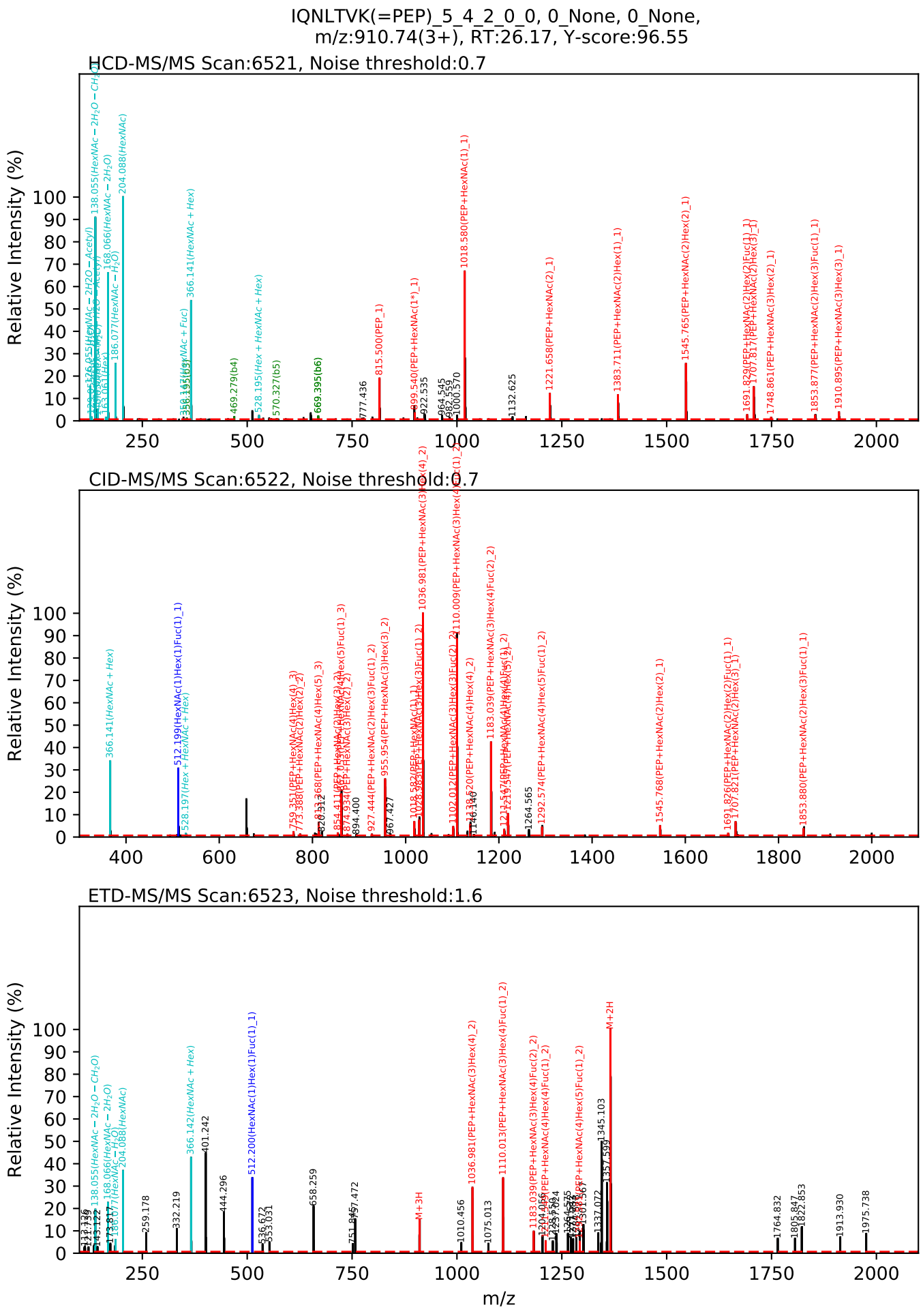

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:48.79, Y-score:57.76
HCD-MS/MS Scan:17665, Noise threshold:0.6
CID-MS/MS Scan:17666, Noise threshold:0.8
ETD-MS/MS Scan:17667, Noise threshold:1.2
Relative Intensity (%)
m/z

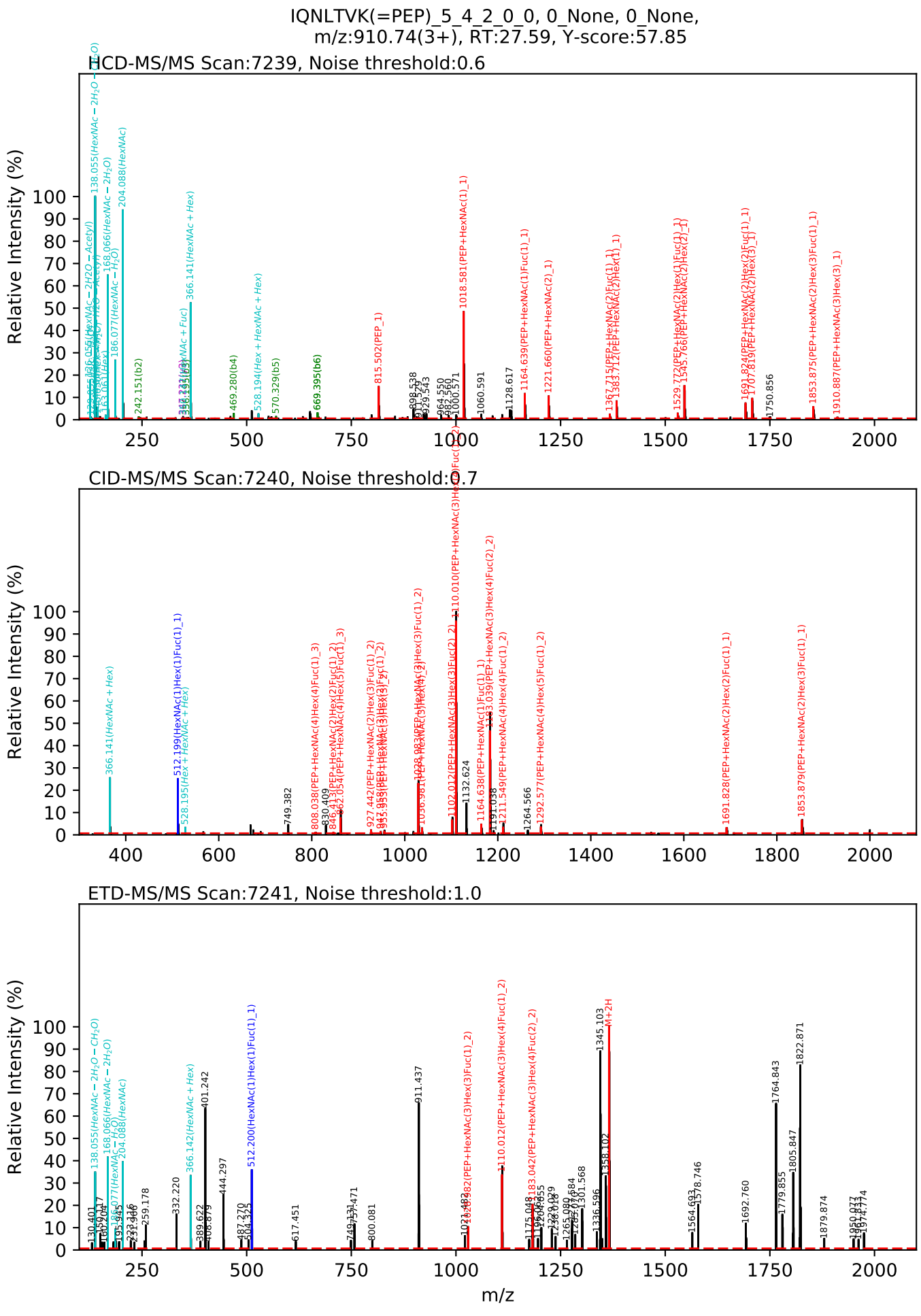

IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1056.11(3+), RT:49.34, Y-score:96.60
HCD-MS/MS Scan:17943, Noise threshold:0.8
CID-MS/MS Scan:17944, Noise threshold:0.6
ETD-MS/MS Scan:17945, Noise threshold:1.2
Relative Intensity (%)
m/z

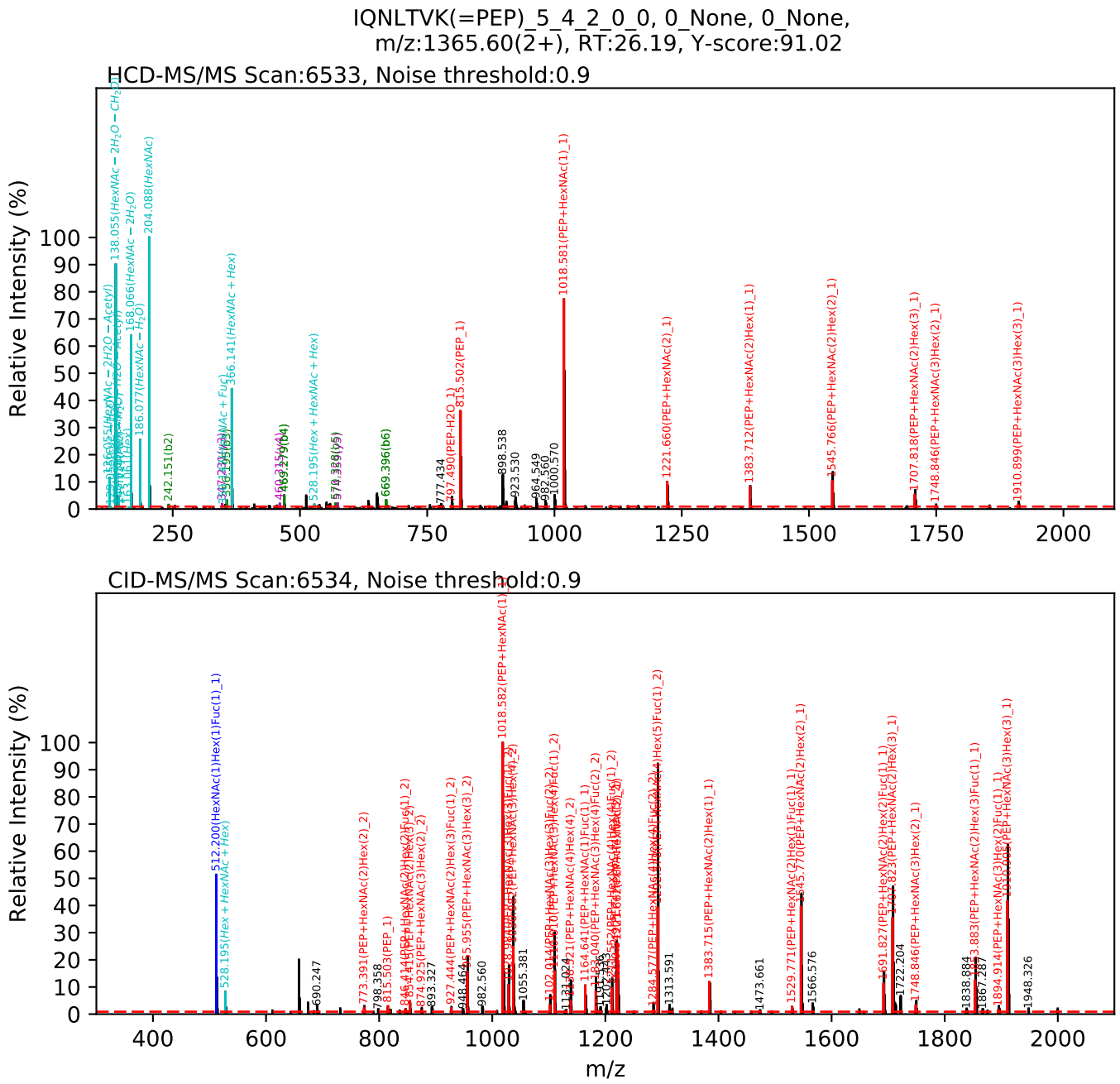
IQNLTVK(=PEP)_5_4_1_2_0, 0_None, 0_None,
m/z:1583.67(2+), RT:49.31, Y-score:94.11

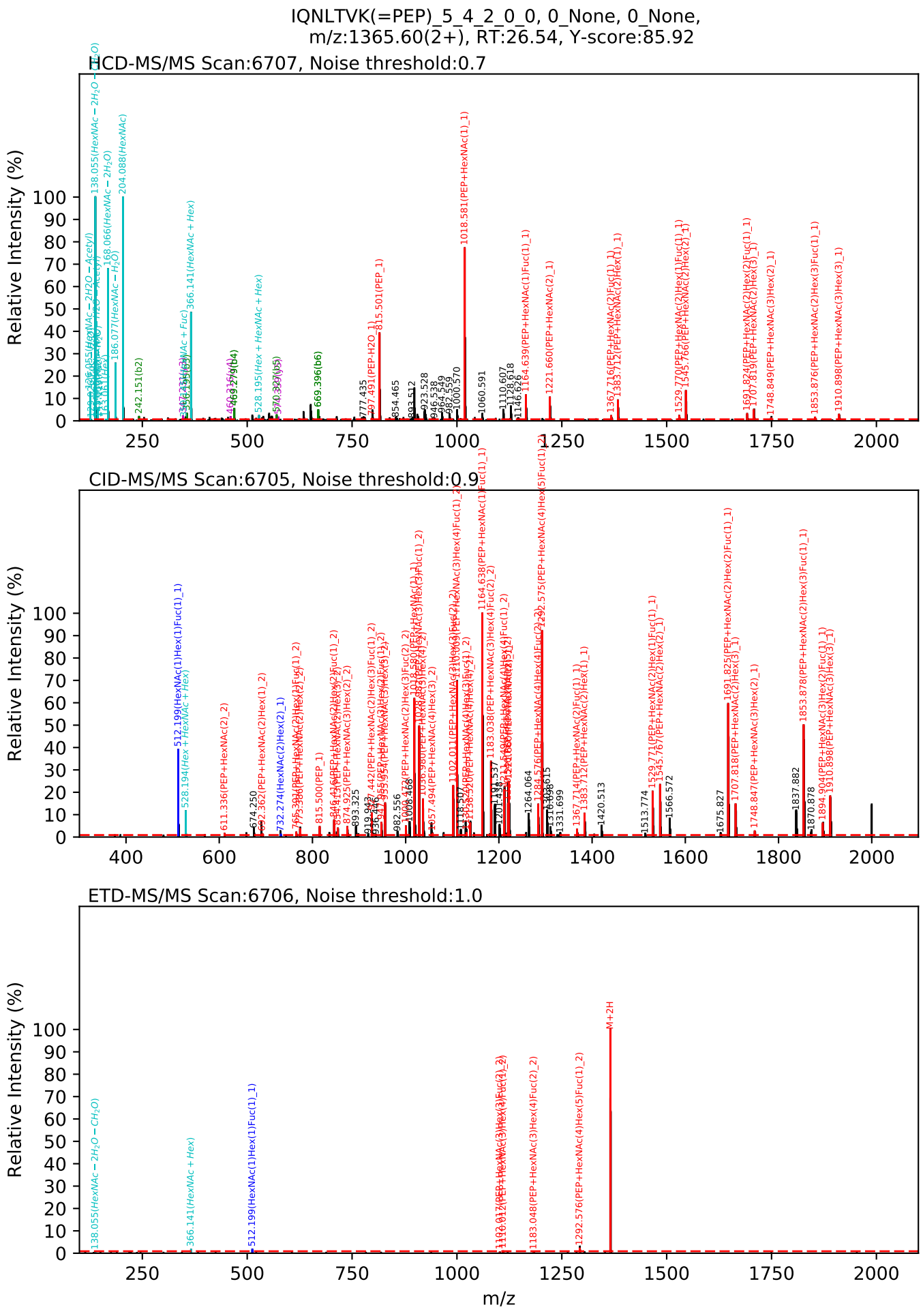


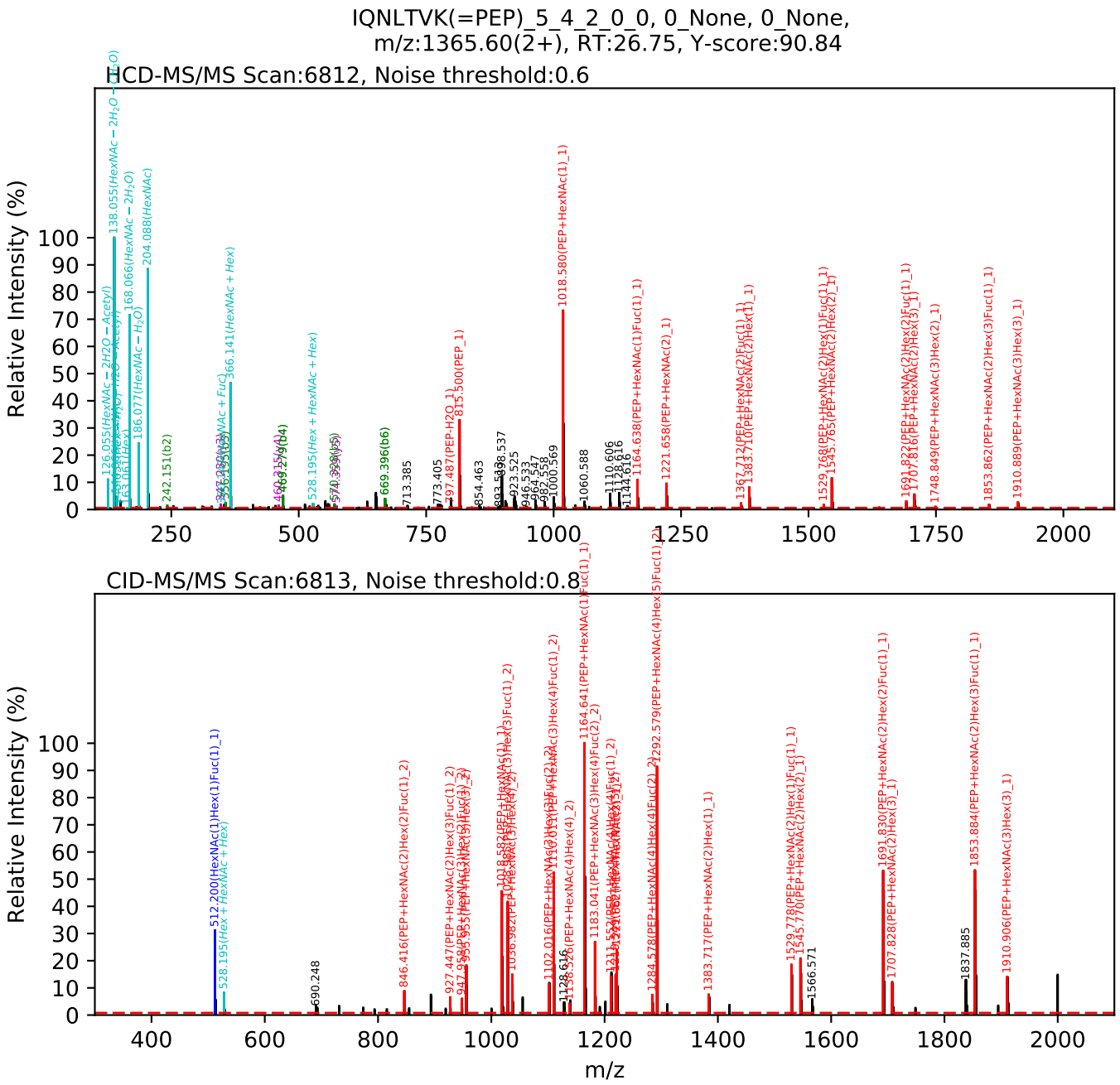

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:910.74(3+), RT:25.45, Y-score:95.21
HCD-MS/MS Scan:6201, Noise threshold:0.6
CID-MS/MS Scan:6202, Noise threshold:0.9
ETD-MS/MS Scan:6203, Noise threshold:1.3
Relative Intensity (%)
m/z

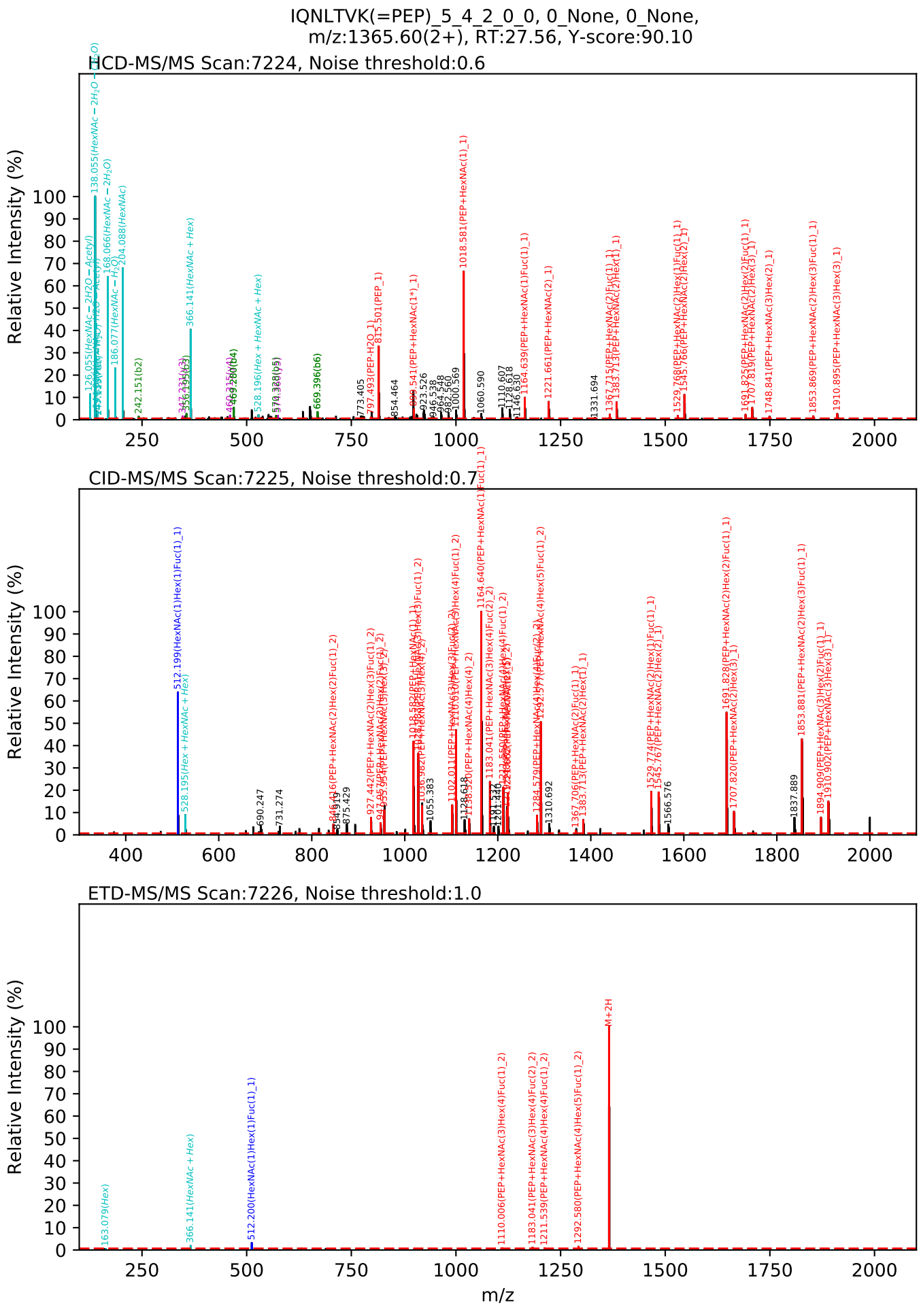

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:910.74(3+), RT:26.17, Y-score:96.55
HCD-MS/MS Scan:6521, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:6522, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:6523, Noise threshold:1.6
Relative Intensity (%)
m/z

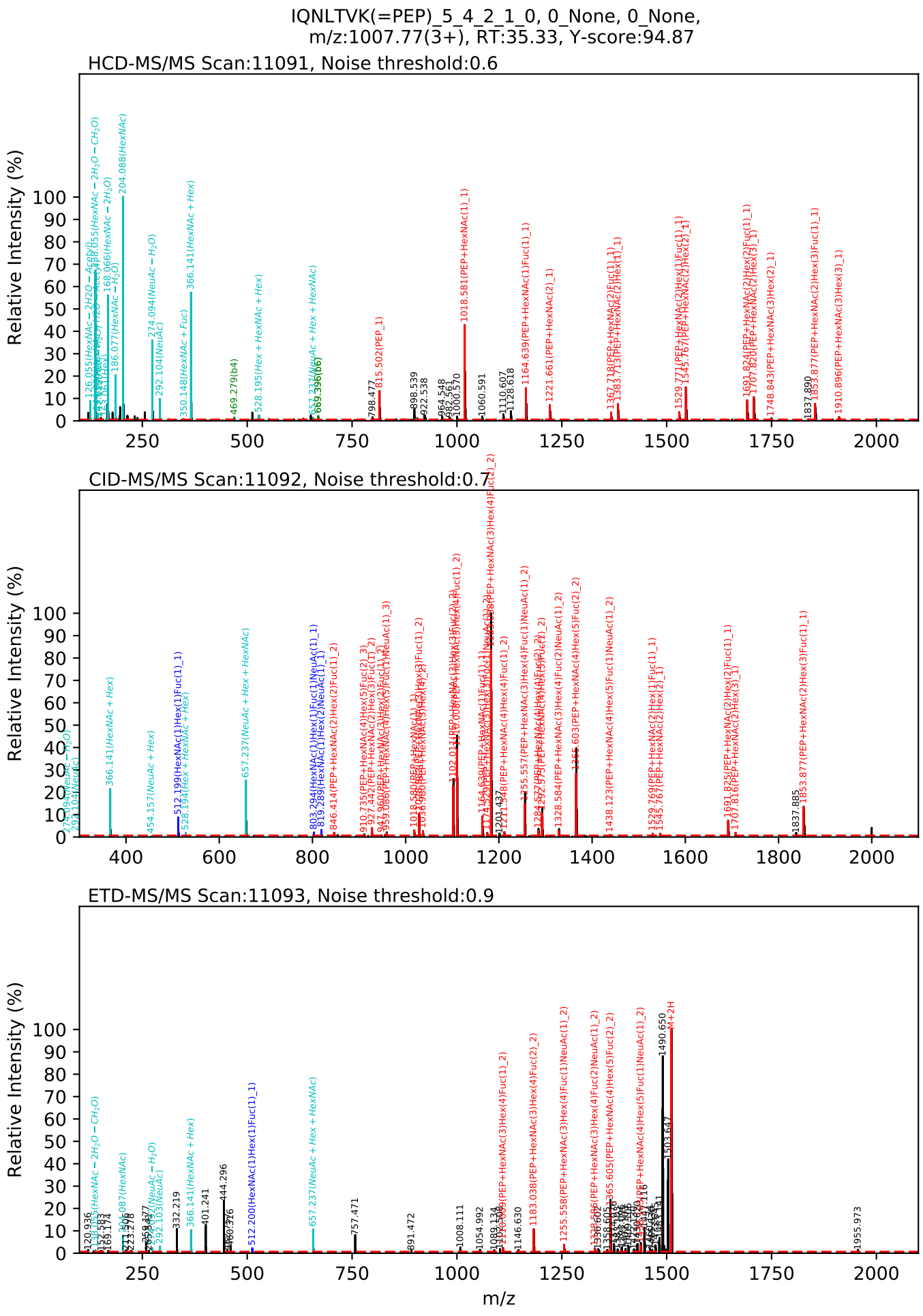

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:910.74(3+), RT:27.59, Y-score:57.85
HCD-MS/MS Scan:7239, Noise threshold:0.6
CID-MS/MS Scan:7240, Noise threshold:0.7
ETD-MS/MS Scan:7241, Noise threshold:1.0
Relative Intensity (%)
m/z

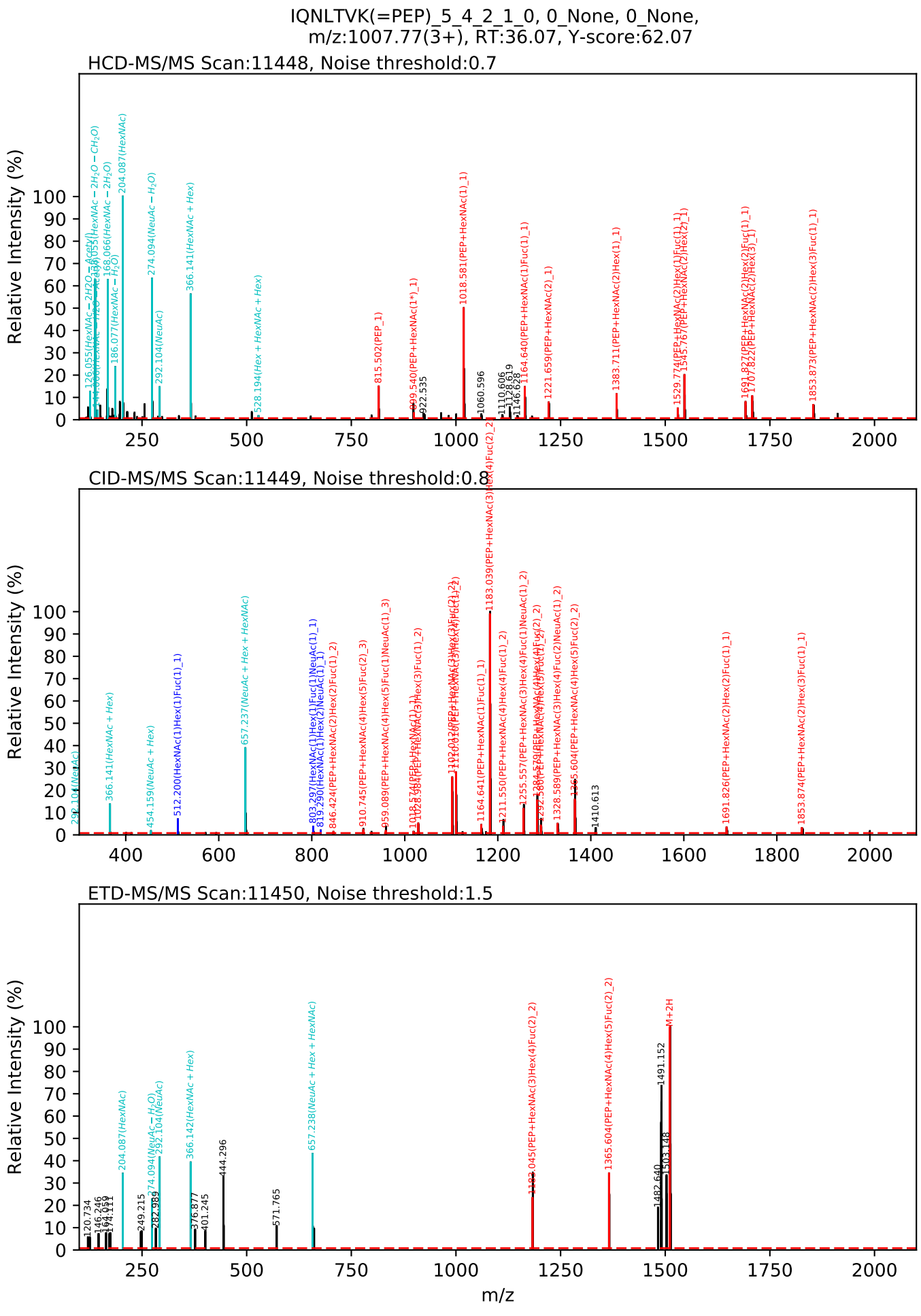

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:26.19, Y-score:91.02
HCD-MS/MS Scan:6533, Noise threshold:0.9
Relative Intensity (%)
CID-MS/MS Scan:6534, Noise threshold:0.9
Relative Intensity (%)
m/z

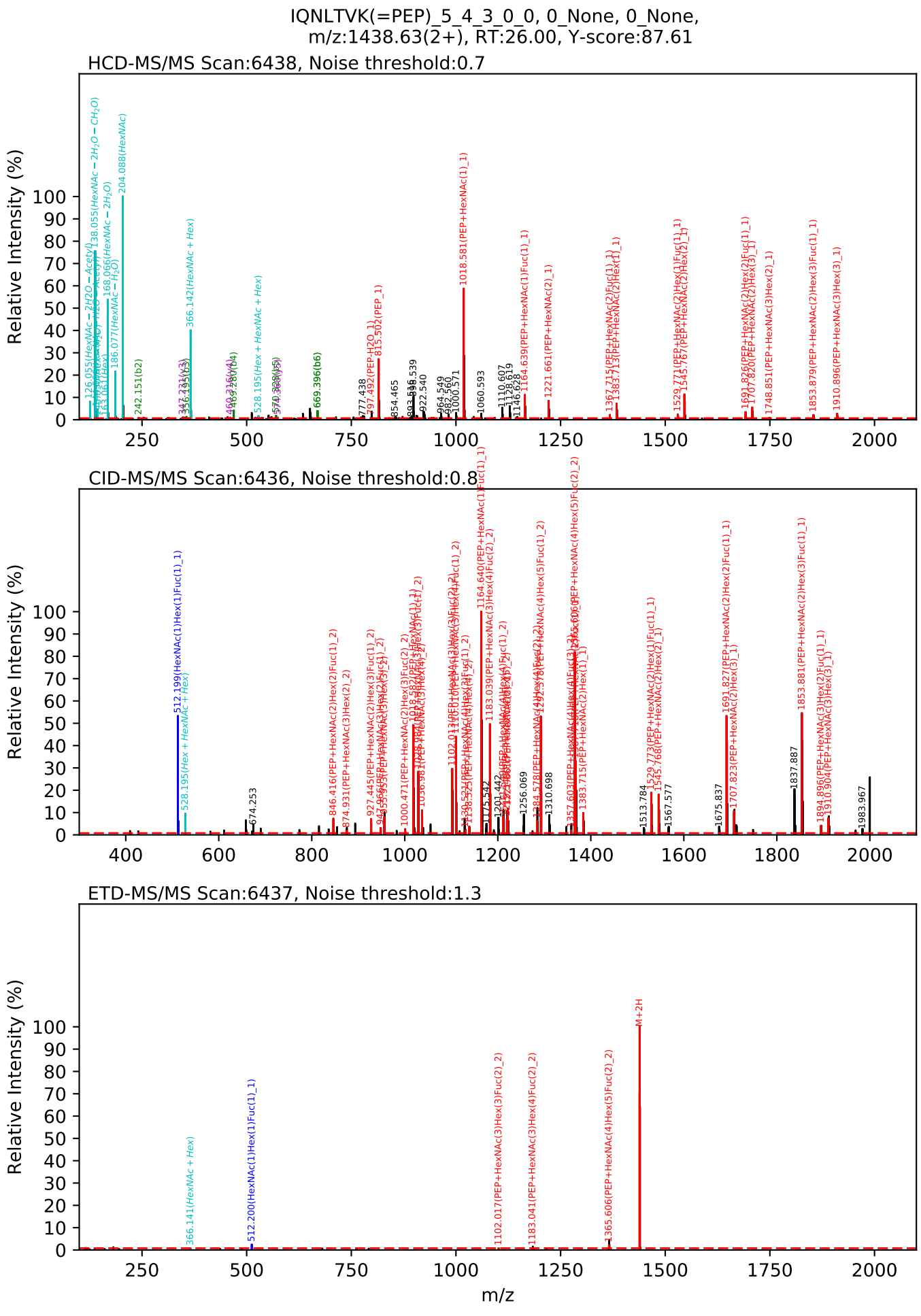

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:26.54, Y-score:85.92
HCD-MS/MS Scan:6707, Noise threshold:0.7
CID-MS/MS Scan:6705, Noise threshold:0.9
ETD-MS/MS Scan:6706, Noise threshold:1.0
Relative Intensity (%)
m/z

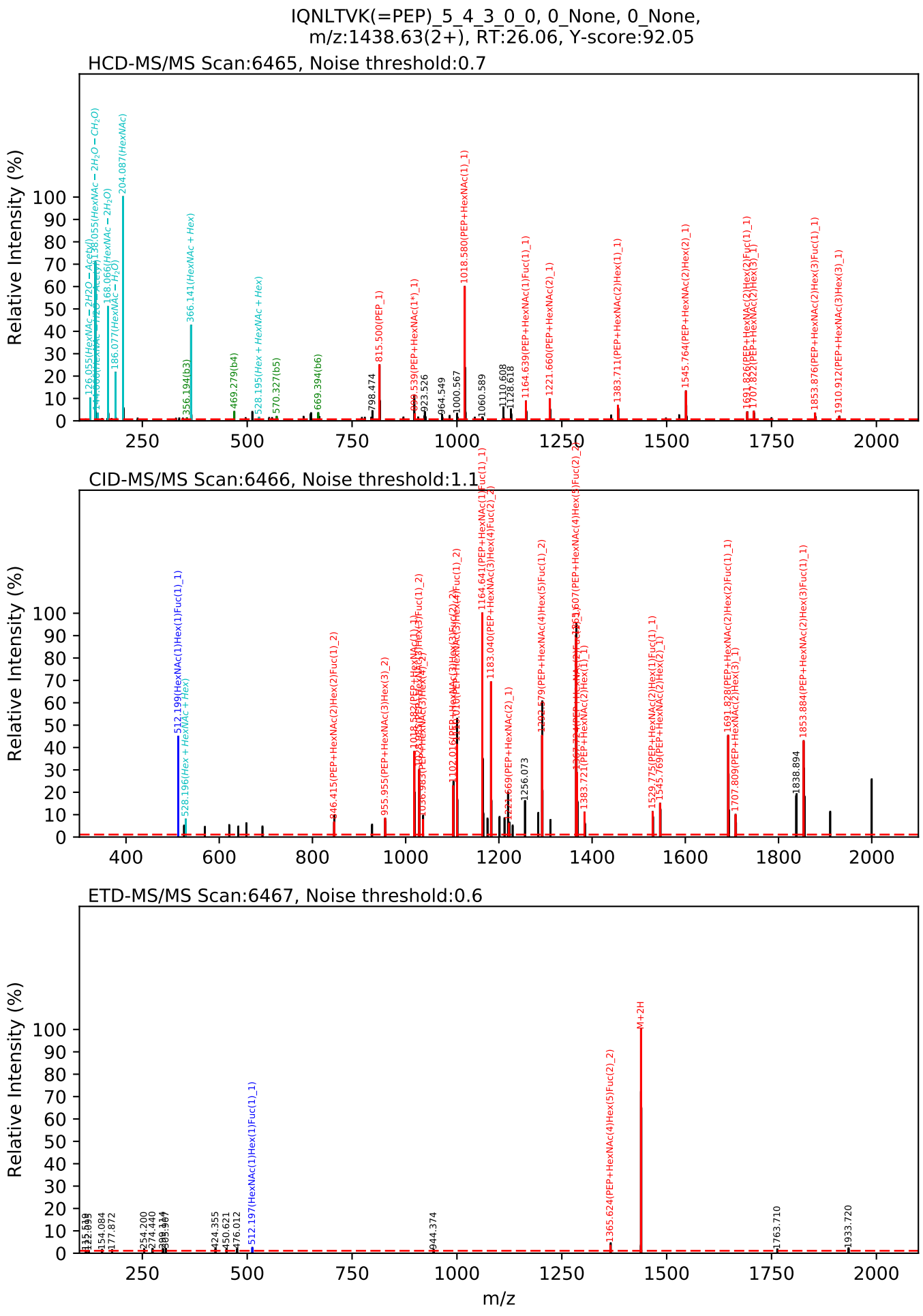

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:26.75, Y-score:90.84
HCD-MS/MS Scan:6812, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:6813, Noise threshold:0.8
Relative Intensity (%)
m/z

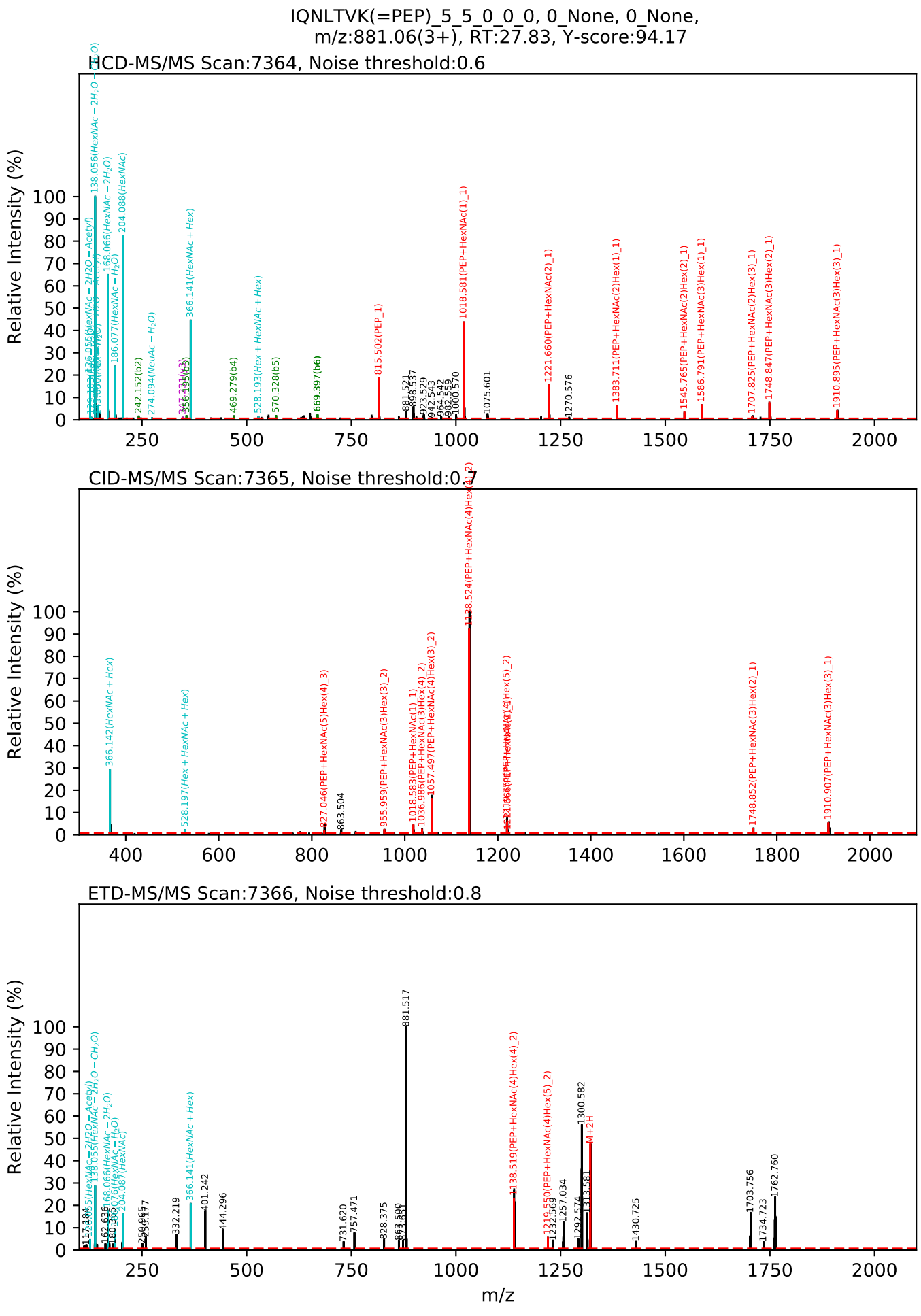

IQNLTVK(=PEP)_5_4_2_0_0, 0_None, 0_None,
m/z:1365.60(2+), RT:27.56, Y-score:90.10
HCD-MS/MS Scan:7224, Noise threshold:0.6
CID-MS/MS Scan:7225, Noise threshold:0.7
ETD-MS/MS Scan:7226, Noise threshold:1.0
Relative Intensity (%)
m/z
M+2H

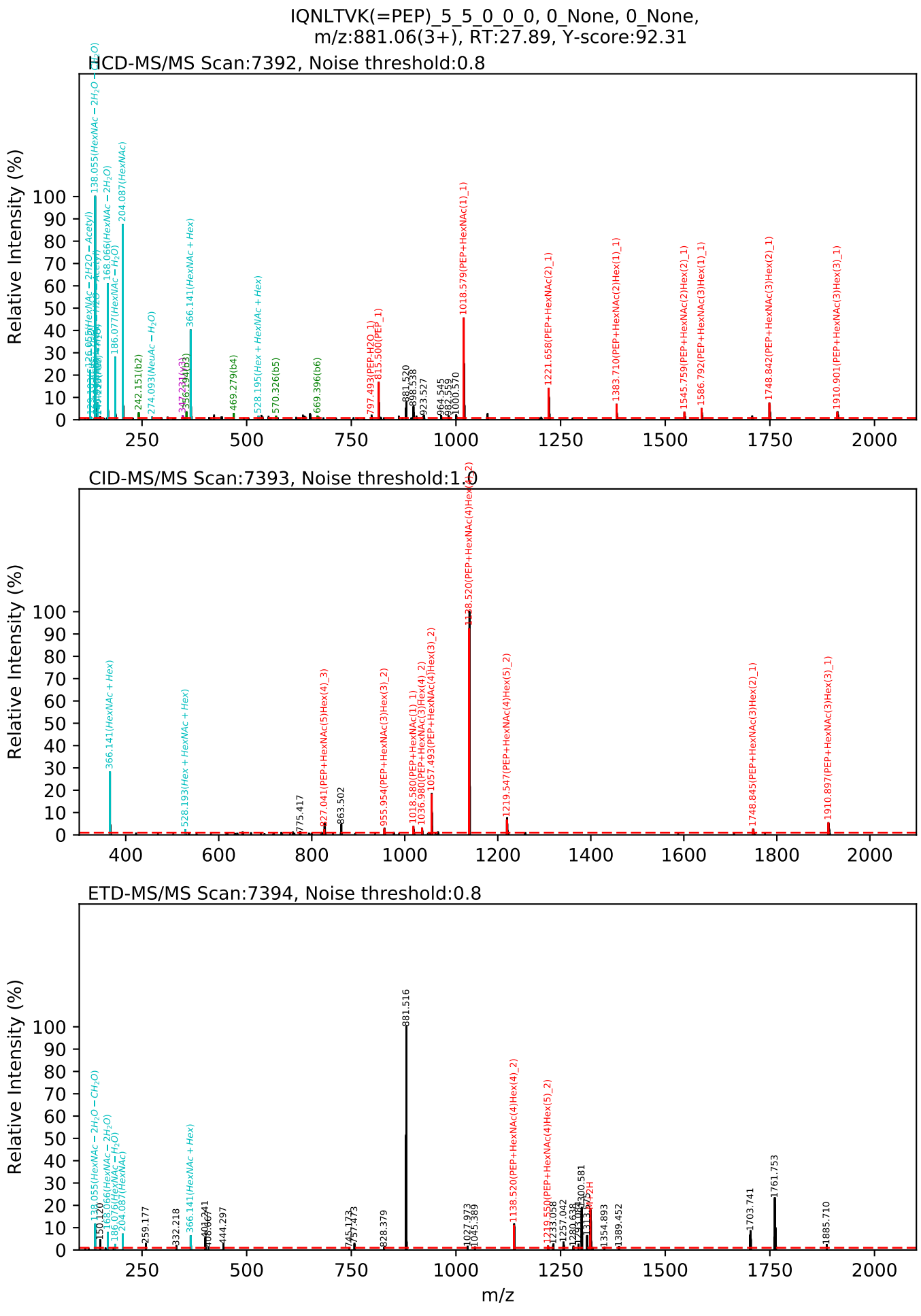

IQNLTVK(=PEP)_5_4_2_1_0, 0_None, 0_None,
m/z:1007.77(3+), RT:35.33, Y-score:94.87
HCD-MS/MS Scan:11091, Noise threshold:0.6
CID-MS/MS Scan:11092, Noise threshold:0.7
ETD-MS/MS Scan:11093, Noise threshold:0.9
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_4_2_1_0, 0_None, 0_None,
m/z:1007.77(3+), RT:36.07, Y-score:62.07
HCD-MS/MS Scan:11448, Noise threshold:0.7
CID-MS/MS Scan:11449, Noise threshold:0.8
ETD-MS/MS Scan:11450, Noise threshold:1.5
Relative Intensity (%)
m/z

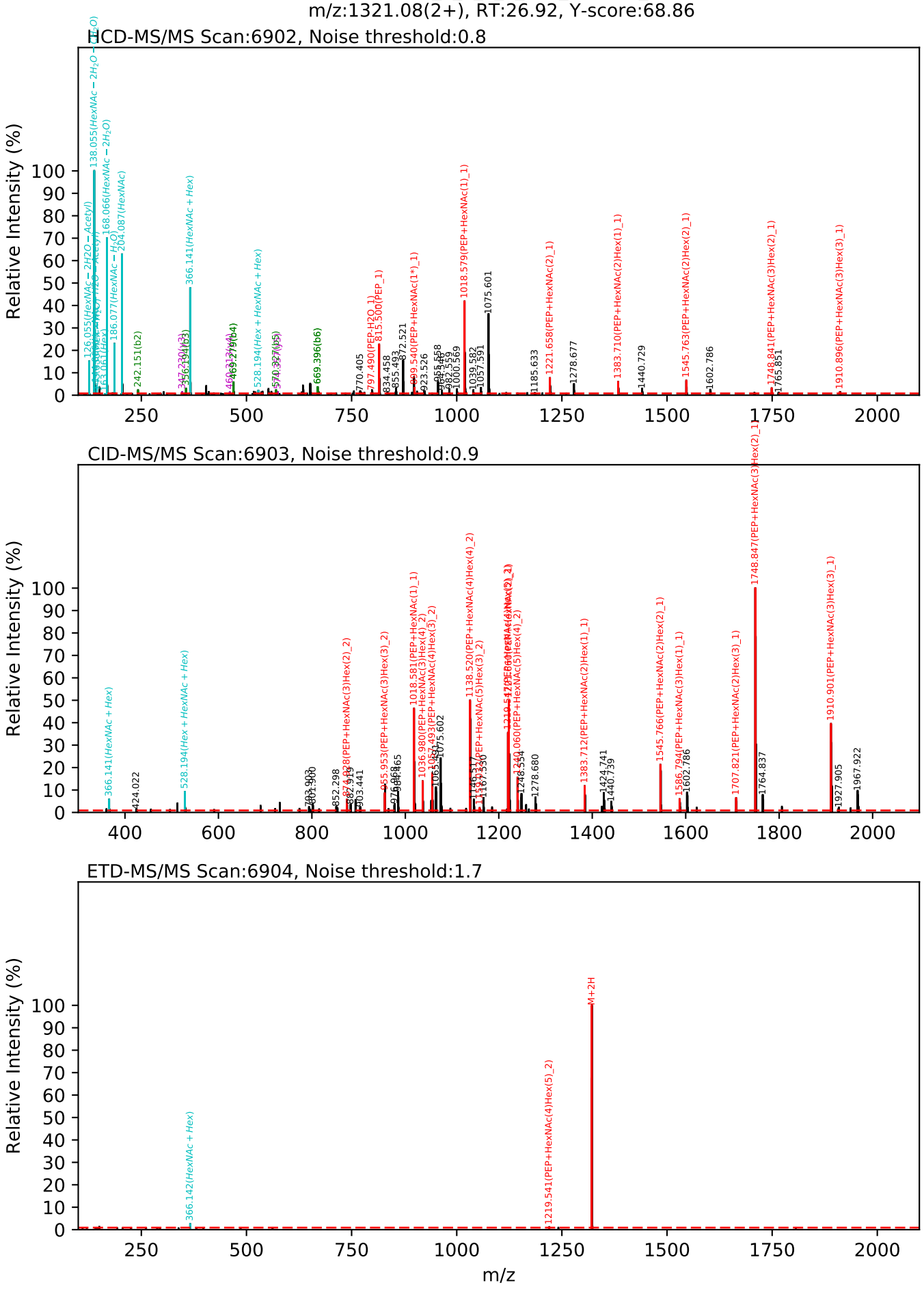

IQNLTVK(=PEP)_5_4_3_0_0, 0_None, 0_None,
m/z:1438.63(2+), RT:26.00, Y-score:87.61
HCD-MS/MS Scan:6438, Noise threshold:0.7
CID-MS/MS Scan:6436, Noise threshold:0.8
ETD-MS/MS Scan:6437, Noise threshold:1.3
Relative Intensity (%)
m/z

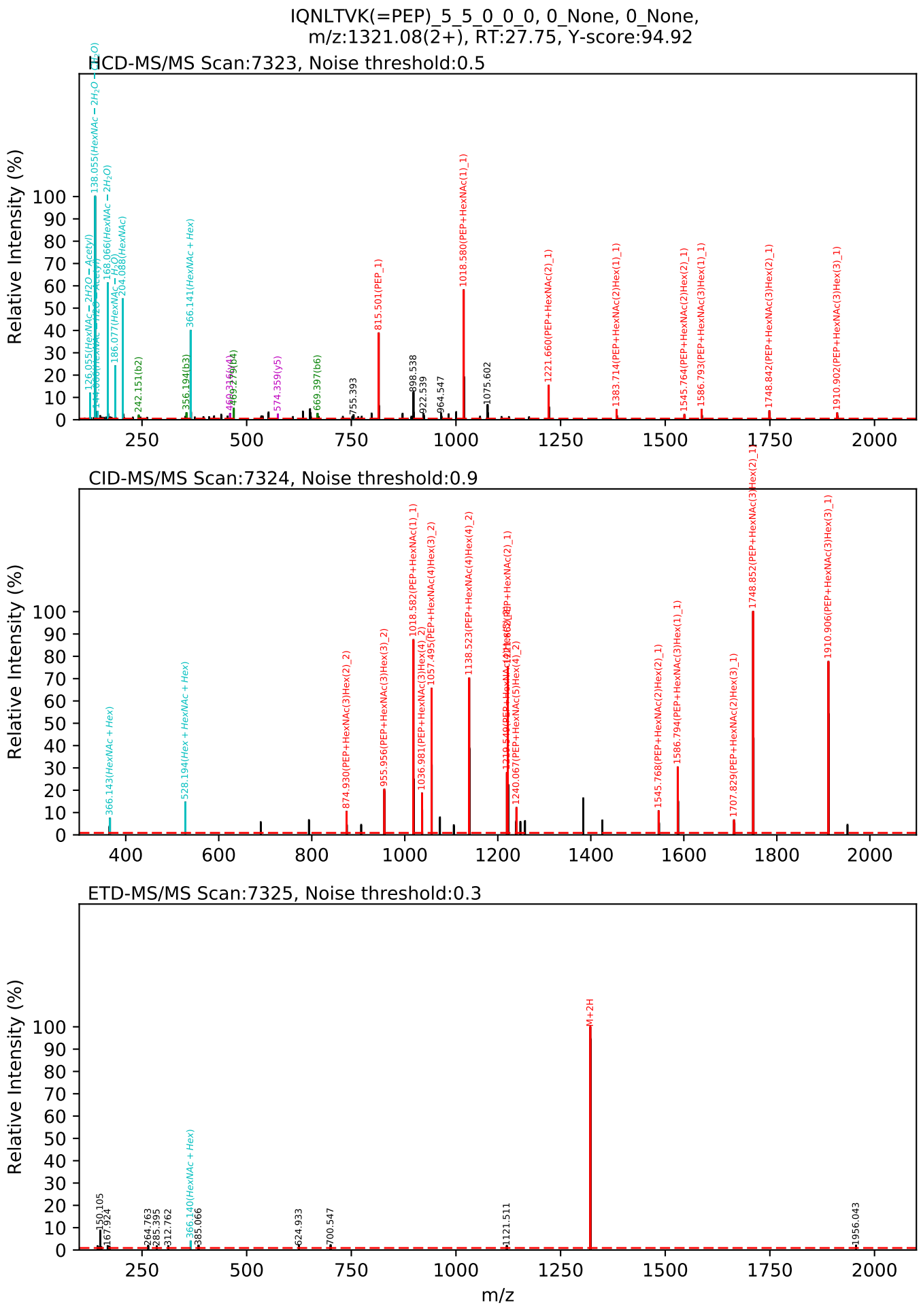

IQNLTVK(=PEP)_5_4_3_0_0, 0_None, 0_None,
m/z:1438.63(2+), RT:26.06, Y-score:92.05
HCD-MS/MS Scan:6465, Noise threshold:0.7
CID-MS/MS Scan:6466, Noise threshold:1.1
ETD-MS/MS Scan:6467, Noise threshold:0.6
Relative Intensity (%)
m/z

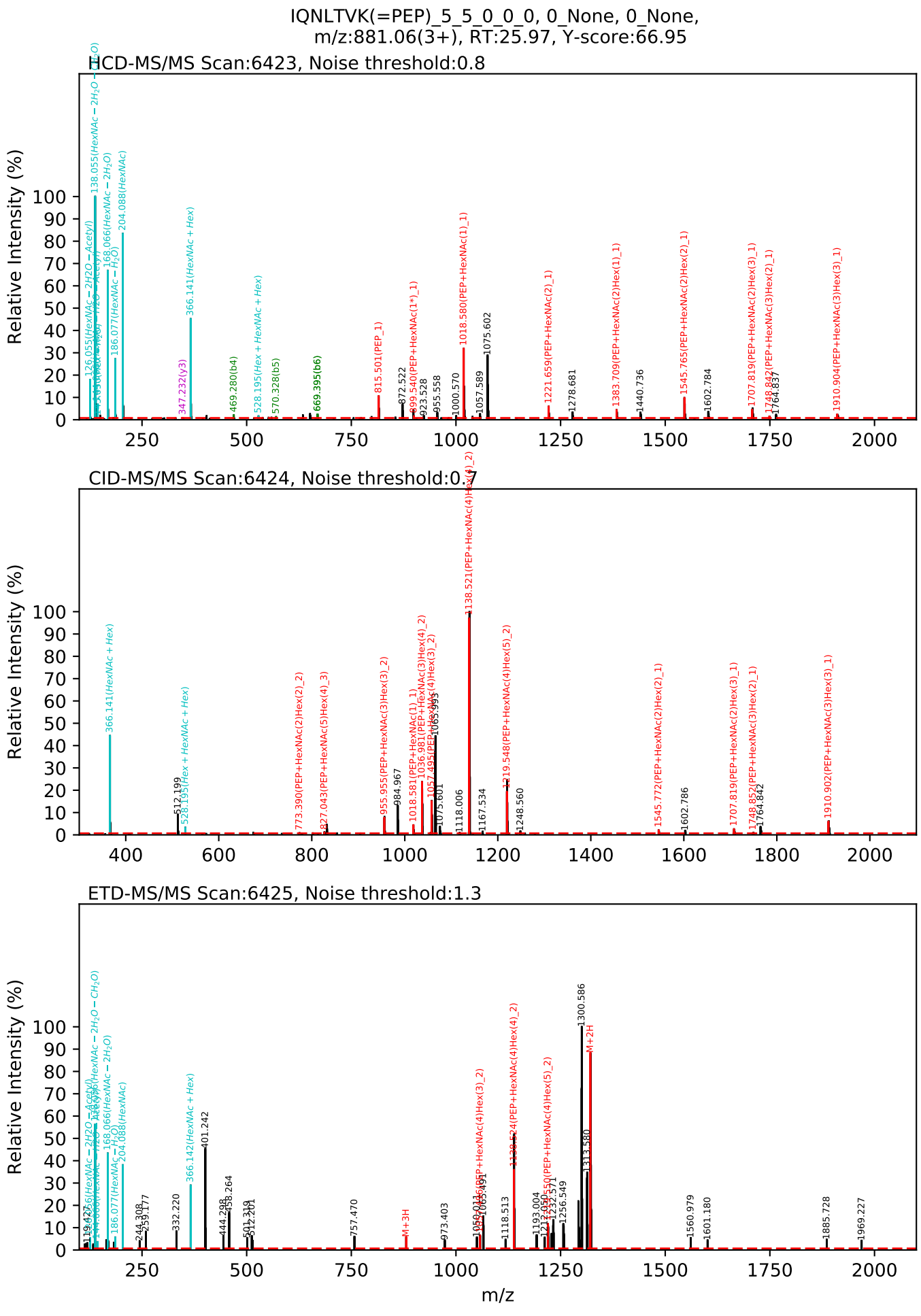

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:881.06(3+), RT:27.83, Y-score:94.17
HCD-MS/MS Scan:7364, Noise threshold:0.6
Relative Intensity (%)
CID-MS/MS Scan:7365, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:7366, Noise threshold:0.8
Relative Intensity (%)
m/z

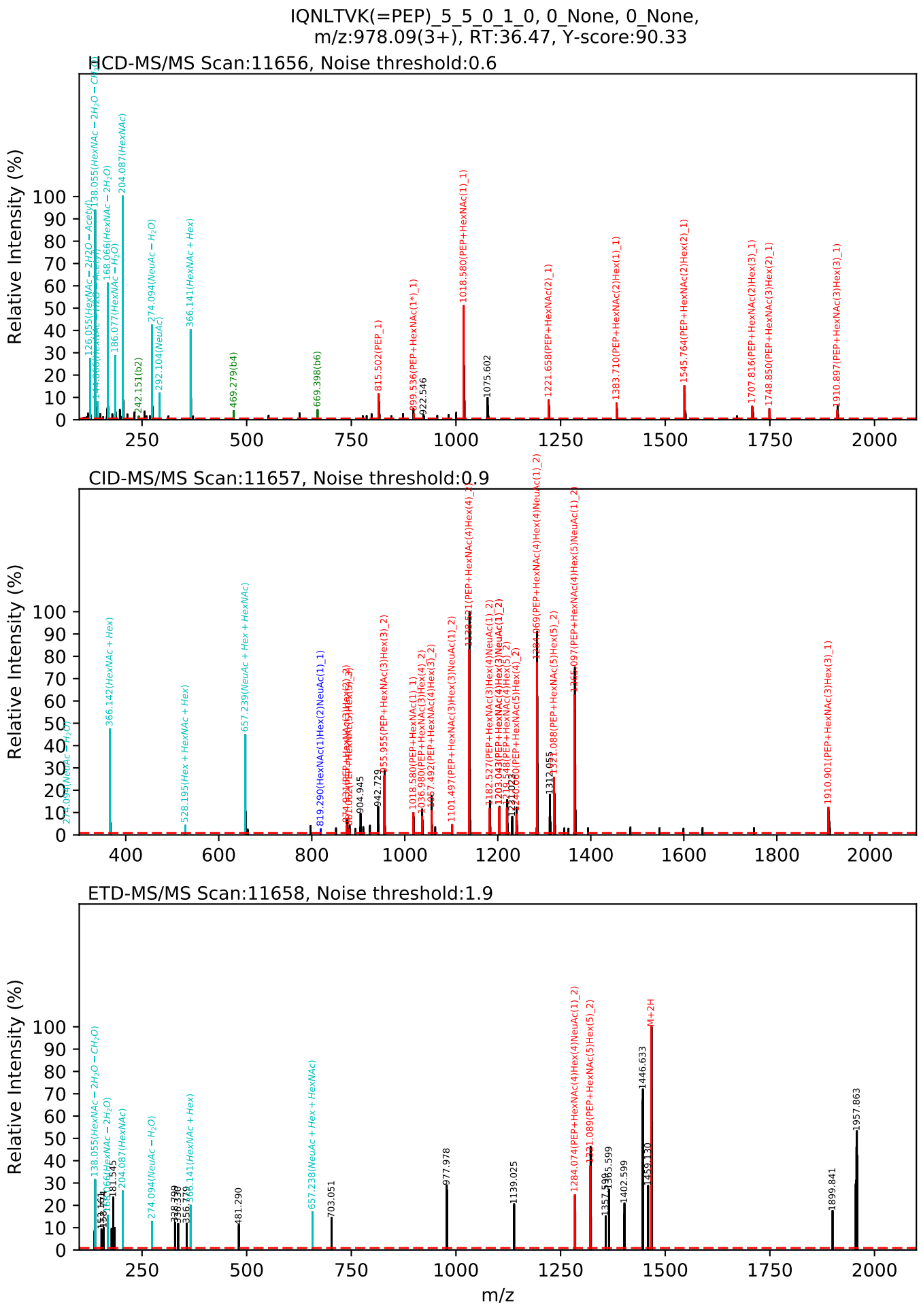

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:881.06(3+), RT:27.89, Y-score:92.31
HCD-MS/MS Scan:7392, Noise threshold:0.8
Relative Intensity (%)
138.055(HexNAc − 2H2O)
204.087(HexNAc)
186.077(HexNAc − H2O)
168.066(HexNAc − 2H2O)
242.151(b2)
274.093(NeuAc − H2O)
366.141(HexNAc + Hex)
469.279(b4)
528.195(Hex + HexNAc + Hex)
570.326(b5)
669.396(b6)
797.493(PEP−H2O_1)
815.500(PEP_1)
1018.579(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.759(PEP+HexNAc(2)Hex(2)_1)
1586.792(PEP+HexNAc(3)Hex(1)_1)
1748.842(PEP+HexNAc(3)Hex(2)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:7393, Noise threshold:1.0
Relative Intensity (%)
366.141(HexNAc + Hex)
528.193(Hex + HexNAc + Hex)
775.417
827.041(PEP+HexNAc(5)Hex(4)_3)
863.502
955.954(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)
1138.520(PEP+HexNAc(4)Hex(4)_2)
1219.547(PEP+HexNAc(4)Hex(5)_2)
1748.845(PEP+HexNAc(3)Hex(2)_1)
1910.897(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:7394, Noise threshold:0.8
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
150.120
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
259.177
332.218
366.141(HexNAc + Hex)
444.297
745.173
757.473
828.379
881.516
1027.973
1045.389
1138.520(PEP+HexNAc(4)Hex(4)_2)
1219.550(PEP+HexNAc(4)Hex(5)_2)
1257.042
1354.893
1389.452
1703.741
1761.753
1885.710
m/z

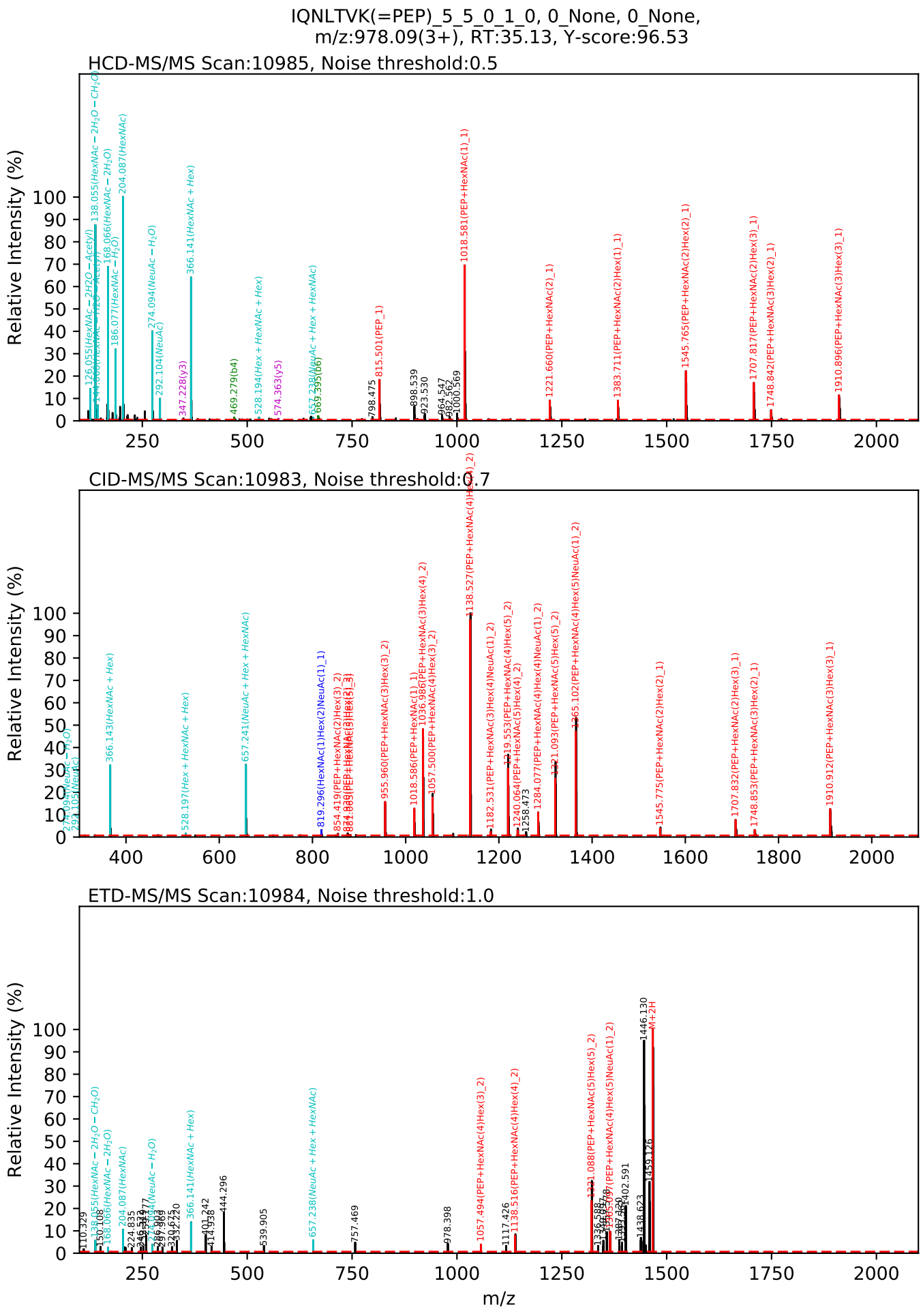
IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:1321.08(2+), RT:26.92, Y-score:68.86

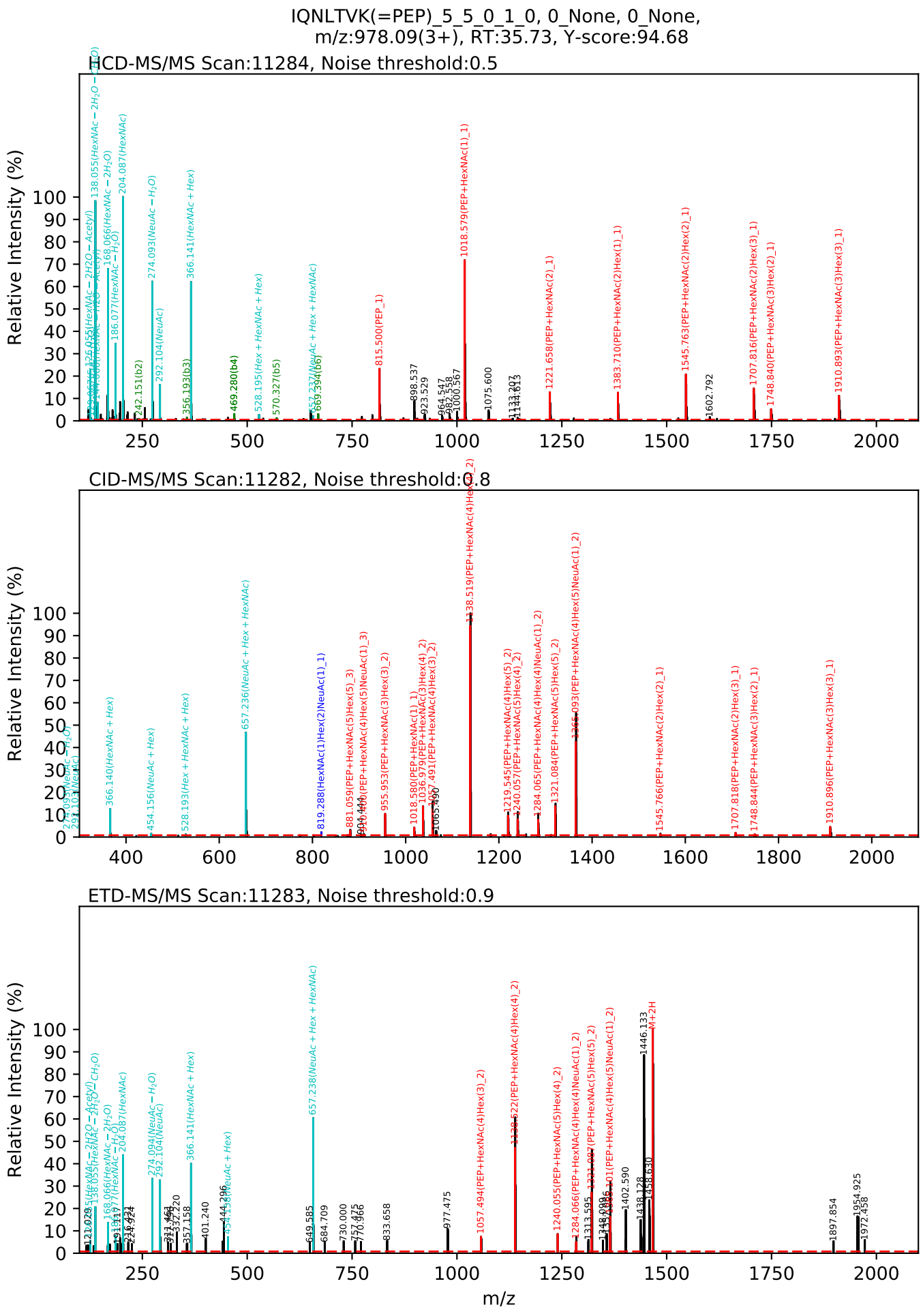


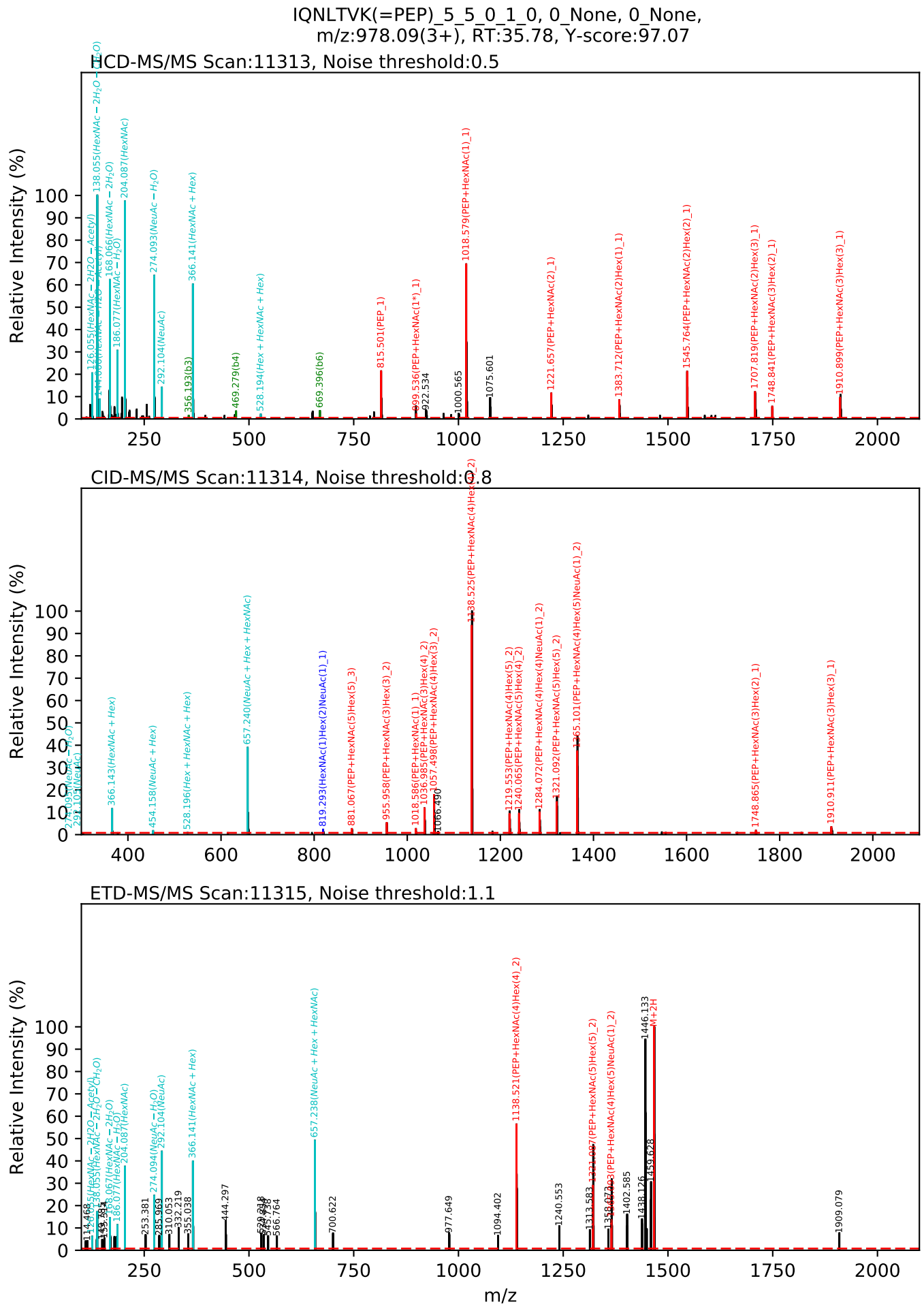

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:1321.08(2+), RT:27.75, Y-score:94.92
HCD-MS/MS Scan:7323, Noise threshold:0.5
CID-MS/MS Scan:7324, Noise threshold:0.9
ETD-MS/MS Scan:7325, Noise threshold:0.3
Relative Intensity (%)
m/z
M+2H

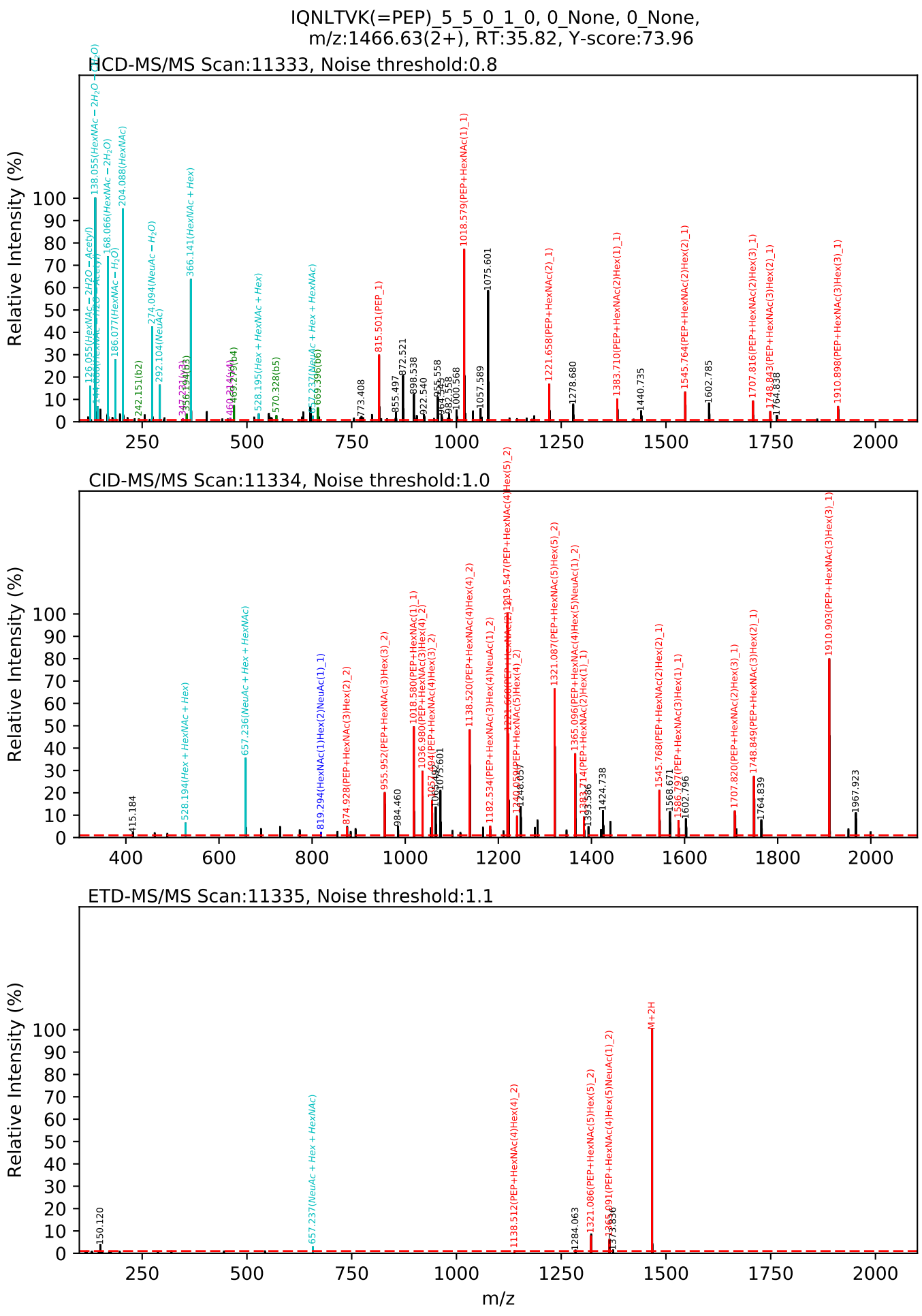

IQNLTVK(=PEP)_5_5_0_0_0, 0_None, 0_None,
m/z:881.06(3+), RT:25.97, Y-score:66.95
HCD-MS/MS Scan:6423, Noise threshold:0.8
CID-MS/MS Scan:6424, Noise threshold:0.7
ETD-MS/MS Scan:6425, Noise threshold:1.3
Relative Intensity (%)
m/z

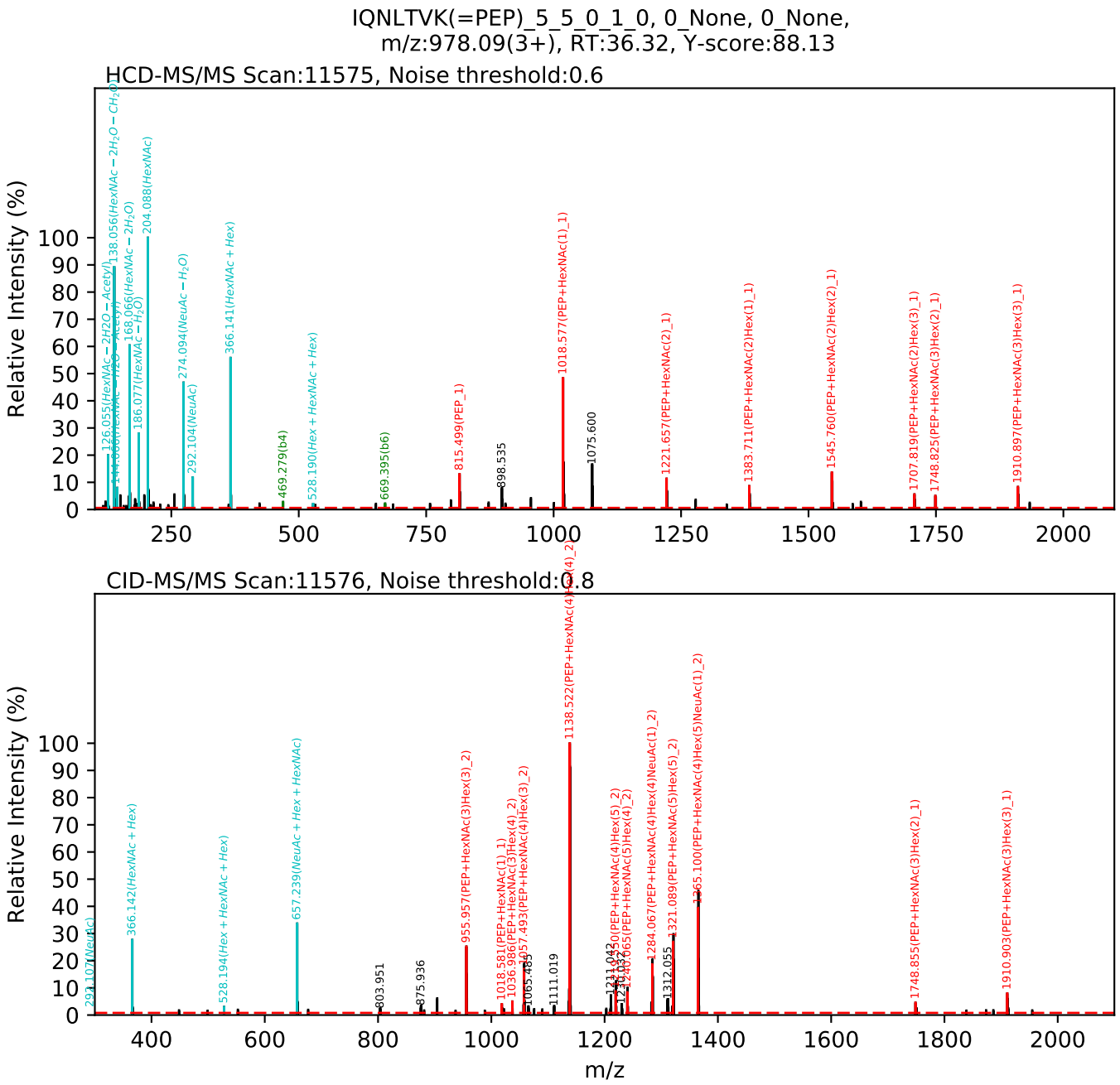

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:36.47, Y-score:90.33
HCD-MS/MS Scan:11656, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.279(b4)
669.398(b6)
815.502(PEP_1)
899.536(PEP+HexNAc(1*)_1)
922.546
1018.580(PEP+HexNAc(1)_1)
1075.602
1221.658(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
1748.850(PEP+HexNAc(3)Hex(2)_1)
1910.897(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:11657, Noise threshold:0.9
Relative Intensity (%)
366.142(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
657.239(NeuAc + Hex + HexNAc)
819.290(HexNAc(1)Hex(2)NeuAc(1)_1)
904.945
942.729
955.955(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1067.492(PEP+HexNAc(4)Hex(3)_2)
1101.497(PEP+HexNAc(3)Hex(3)NeuAc(1)_2)
1138.531(PEP+HexNAc(4)Hex(4)_2)
1182.527(PEP+HexNAc(3)Hex(4)NeuAc(1)_2)
1203.043(PEP+HexNAc(4)Hex(3)NeuAc(1)_2)
1312.055
1321.088(PEP+HexNAc(5)Hex(5)_2)
1384.669(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1366.097(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1910.901(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:11658, Noise threshold:1.9
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
181.545
204.087(HexNAc)
274.094(NeuAc − H2O)
366.141(HexNAc + Hex)
481.290
657.238(NeuAc + Hex + HexNAc)
703.051
977.978
1139.025
1284.074(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1321.089(PEP+HexNAc(5)Hex(5)_2)
1385.599
1402.599
1446.633
M+2H
1459.130
1899.841
1957.863
m/z


IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:35.13, Y-score:96.53
HCD-MS/MS Scan:10985, Noise threshold:0.5
CID-MS/MS Scan:10983, Noise threshold:0.7
ETD-MS/MS Scan:10984, Noise threshold:1.0
Relative Intensity (%)
m/z

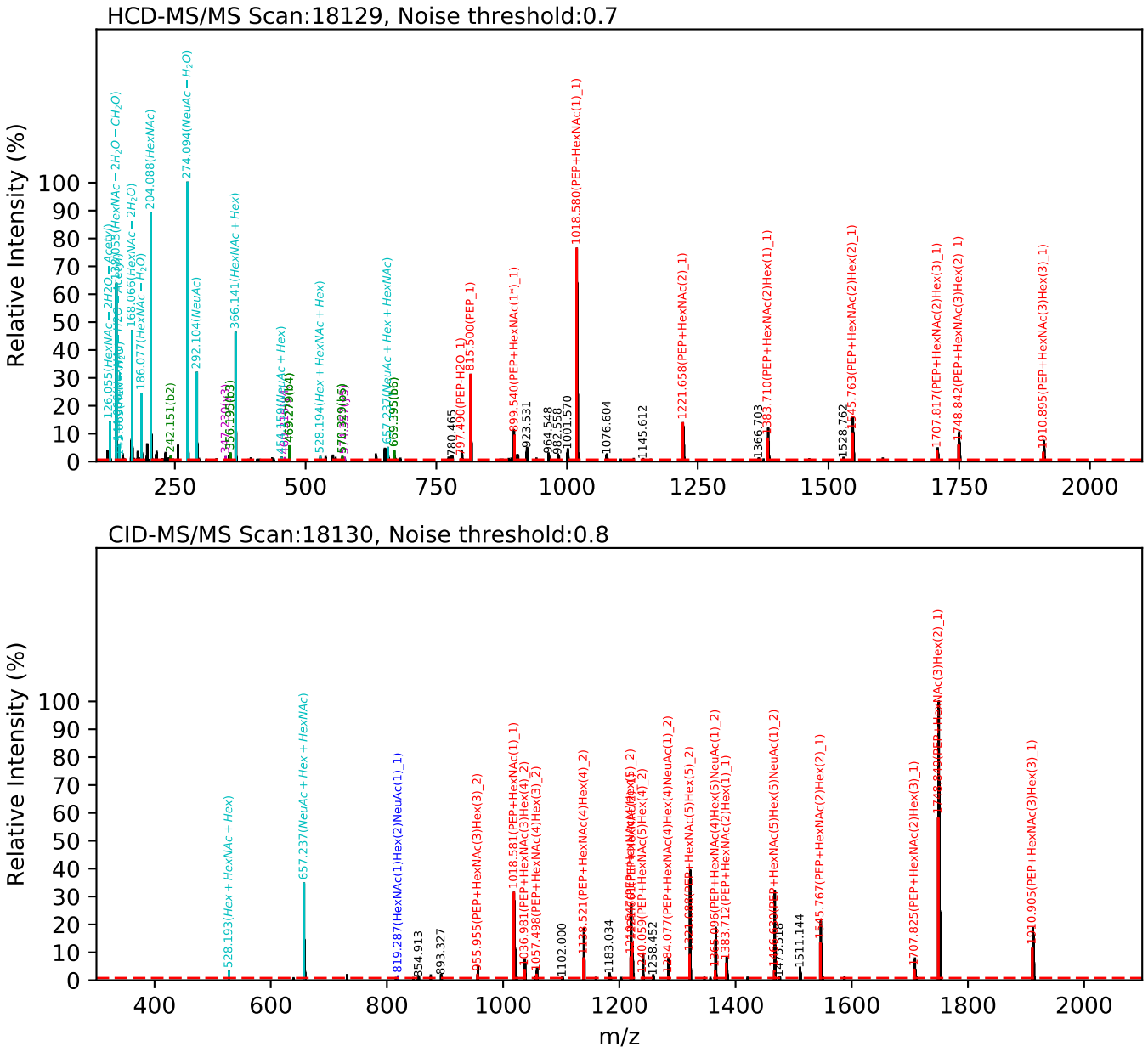

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:35.73, Y-score:94.68
HCD-MS/MS Scan:11284, Noise threshold:0.5
CID-MS/MS Scan:11282, Noise threshold:0.8
ETD-MS/MS Scan:11283, Noise threshold:0.9
Relative Intensity (%)
m/z

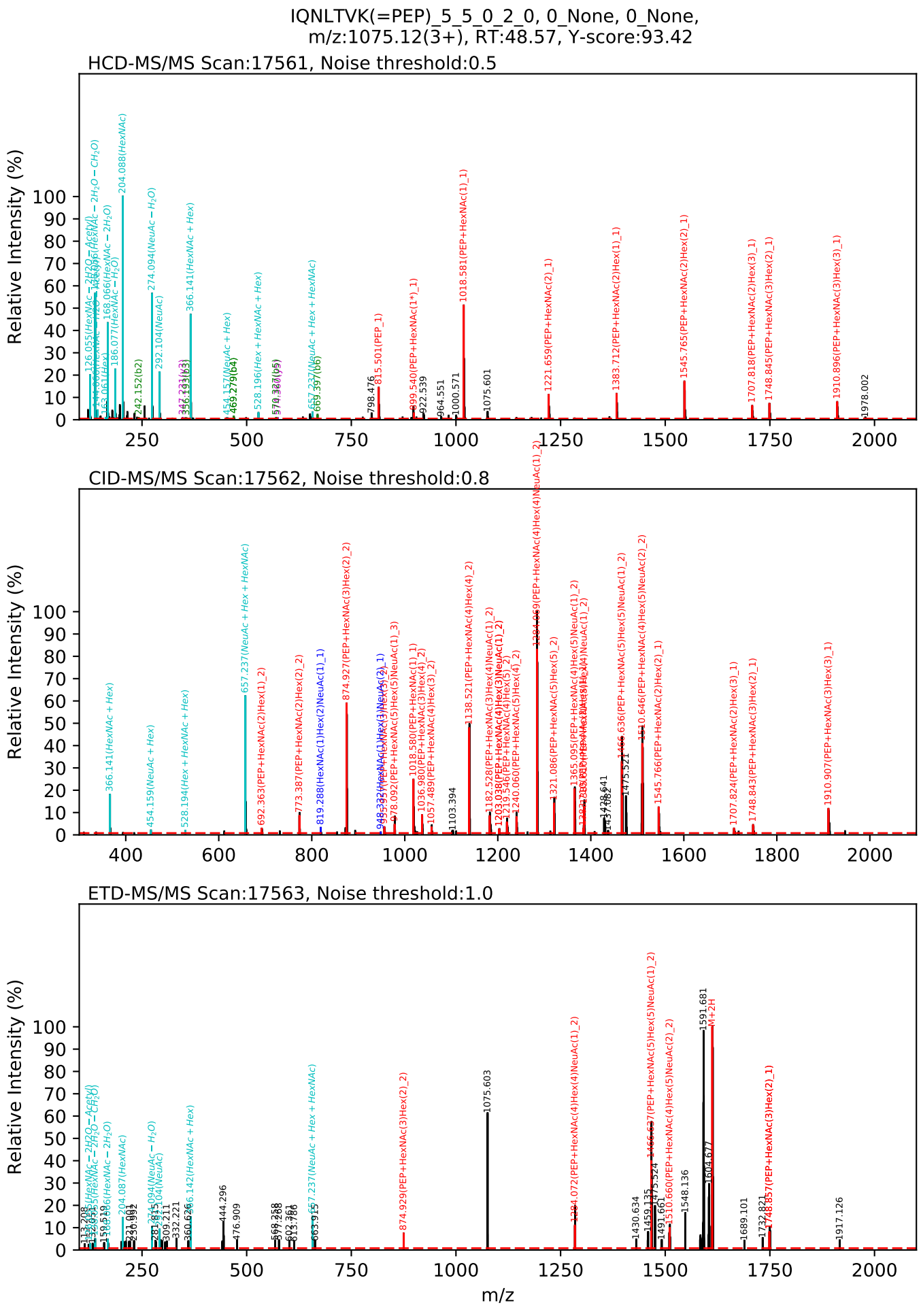

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:35.78, Y-score:97.07
HCD-MS/MS Scan:11313, Noise threshold:0.5
CID-MS/MS Scan:11314, Noise threshold:0.8
ETD-MS/MS Scan:11315, Noise threshold:1.1
Relative Intensity (%)
m/z

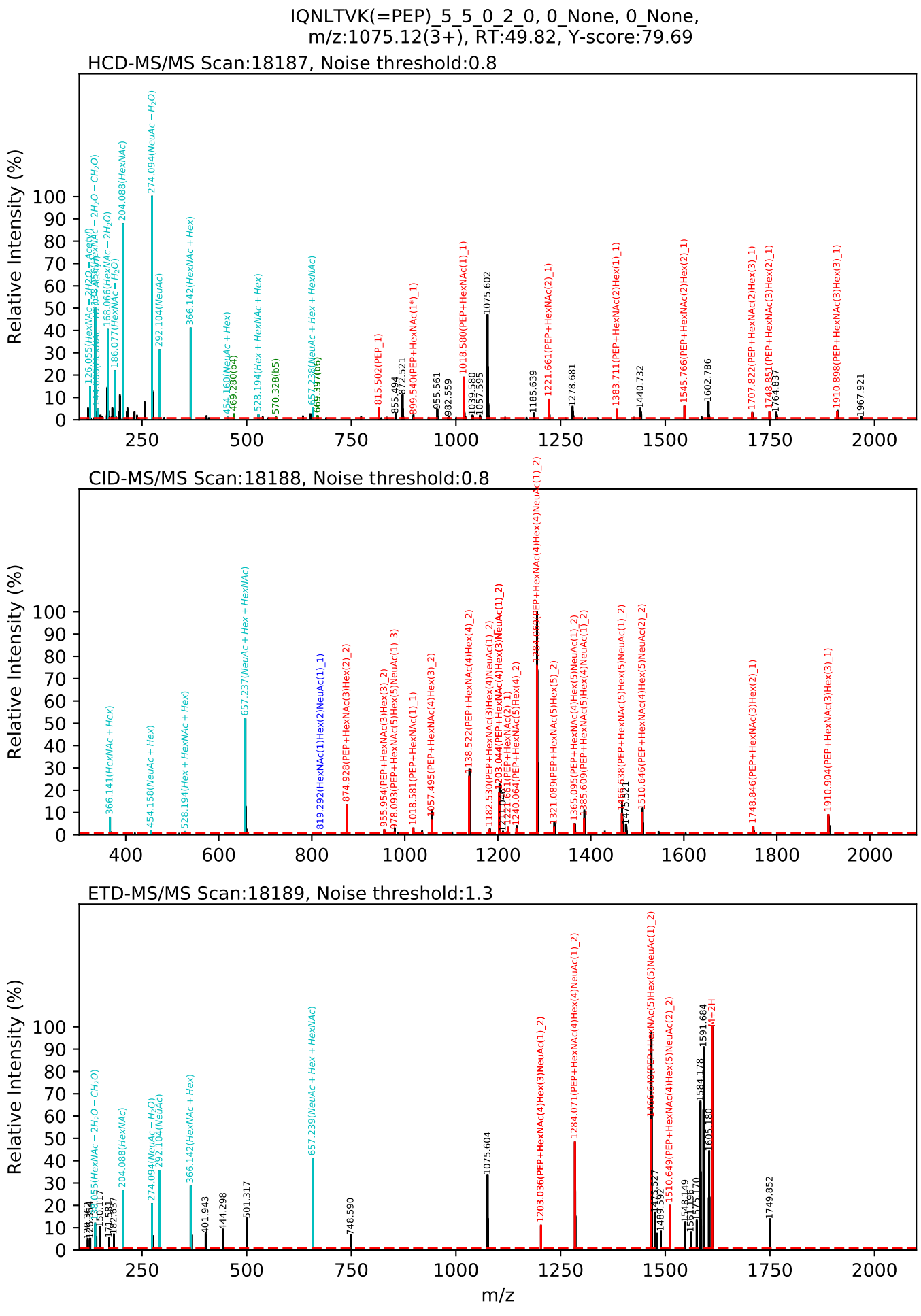

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:1466.63(2+), RT:35.82, Y-score:73.96
HCD-MS/MS Scan:11333, Noise threshold:0.8
CID-MS/MS Scan:11334, Noise threshold:1.0
ETD-MS/MS Scan:11335, Noise threshold:1.1
Relative Intensity (%)
m/z

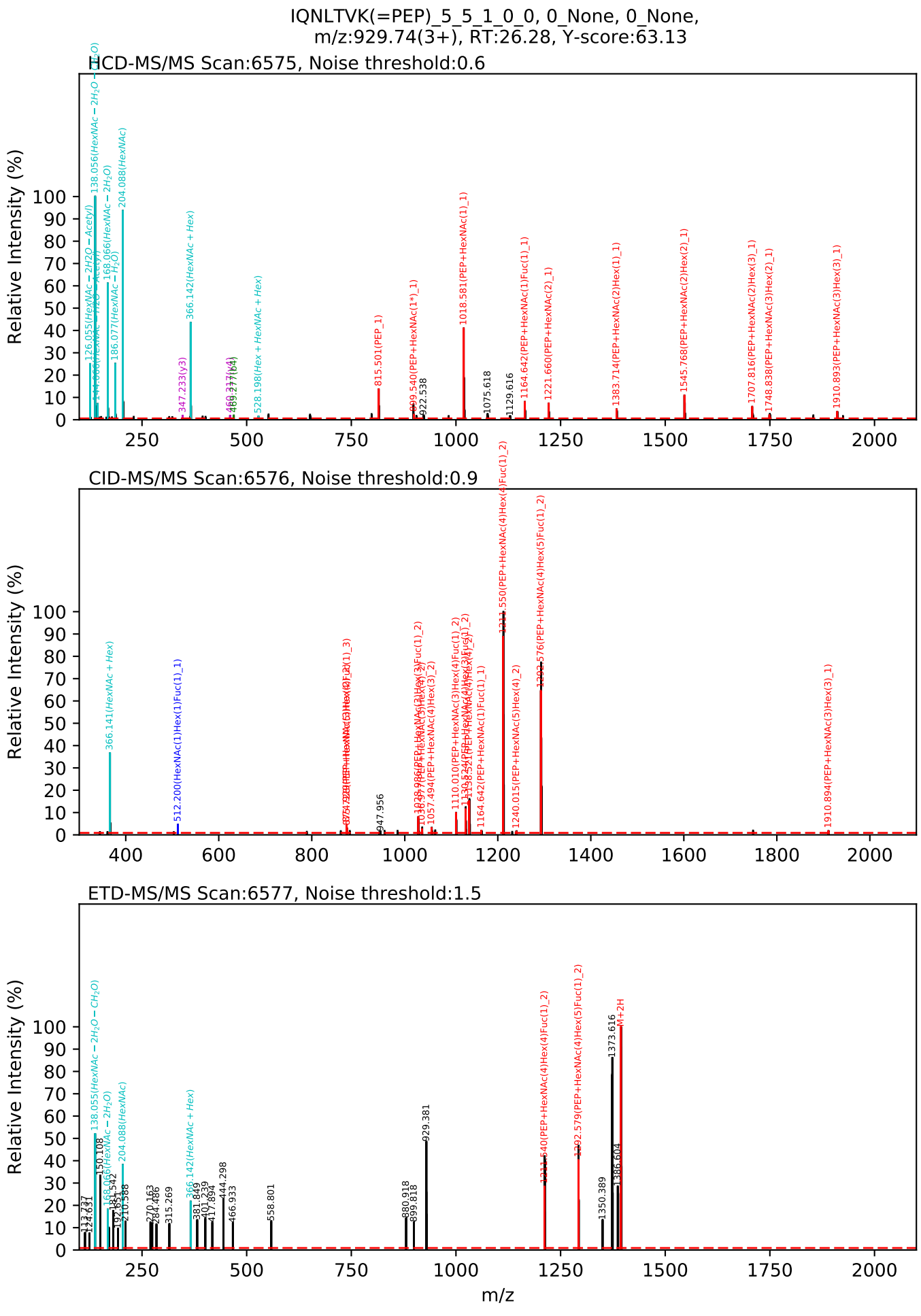

IQNLTVK(=PEP)_5_5_0_1_0, 0_None, 0_None,
m/z:978.09(3+), RT:36.32, Y-score:88.13
HCD-MS/MS Scan:11575, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.279(b4)
528.190(Hex + HexNAc + Hex)
669.395(b6)
815.499(PEP_1)
898.535
1018.577(PEP+HexNAc(1)_1)
1075.600
1221.657(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.760(PEP+HexNAc(2)Hex(2)_1)
1707.819(PEP+HexNAc(2)Hex(3)_1)
1748.825(PEP+HexNAc(3)Hex(2)_1)
1910.897(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:11576, Noise threshold:0.8
Relative Intensity (%)
292.107(NeuAc)
366.142(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
657.239(NeuAc + Hex + HexNAc)
803.951
875.936
955.957(PEP+HexNAc(3)Hex(3)_2)
1018.581(PEP+HexNAc(1)_1)
1036.986(PEP+HexNAc(3)Hex(4)_2)
1057.493(PEP+HexNAc(4)Hex(3)_2)
1065.485
1111.019
1138.522(PEP+HexNAc(4)Hex(4)_2)
1211.042
1230.032
1240.065(PEP+HexNAc(5)Hex(4)_2)
1284.067(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1312.055
1321.089(PEP+HexNAc(5)Hex(5)_2)
1365.100(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1748.855(PEP+HexNAc(3)Hex(2)_1)
1910.903(PEP+HexNAc(3)Hex(3)_1)
m/z

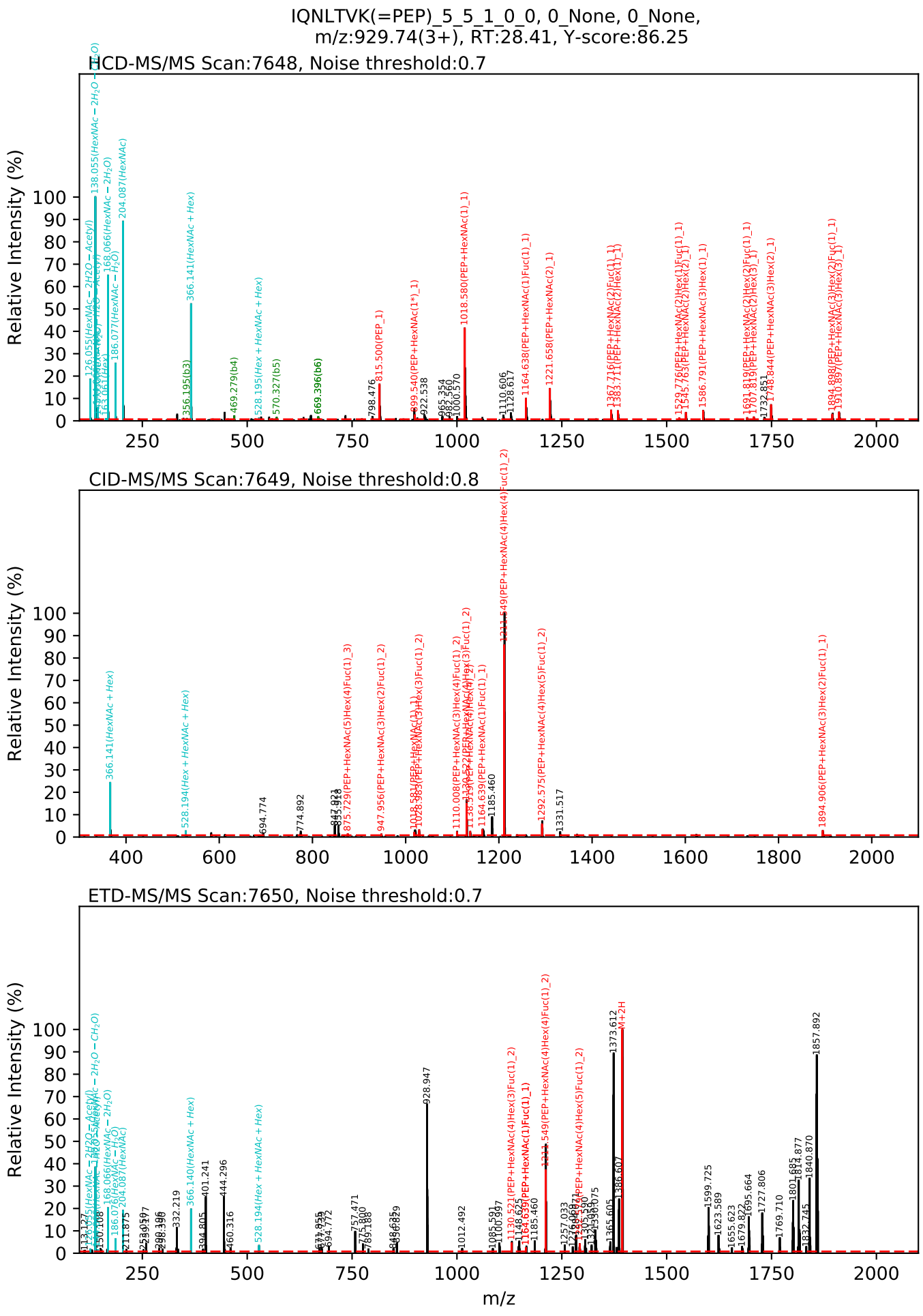
IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1612.18(2+), RT:49.71, Y-score:94.41

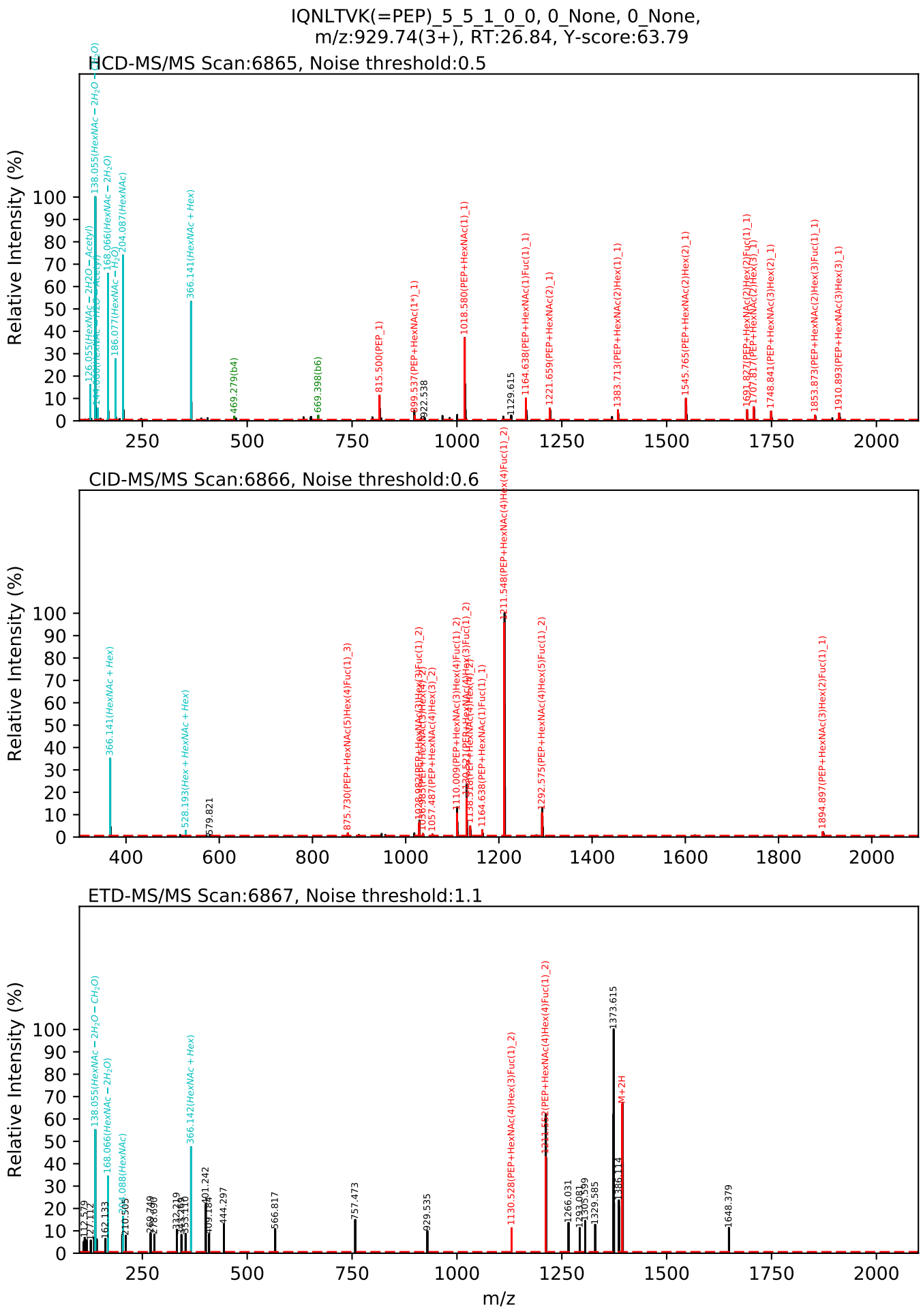


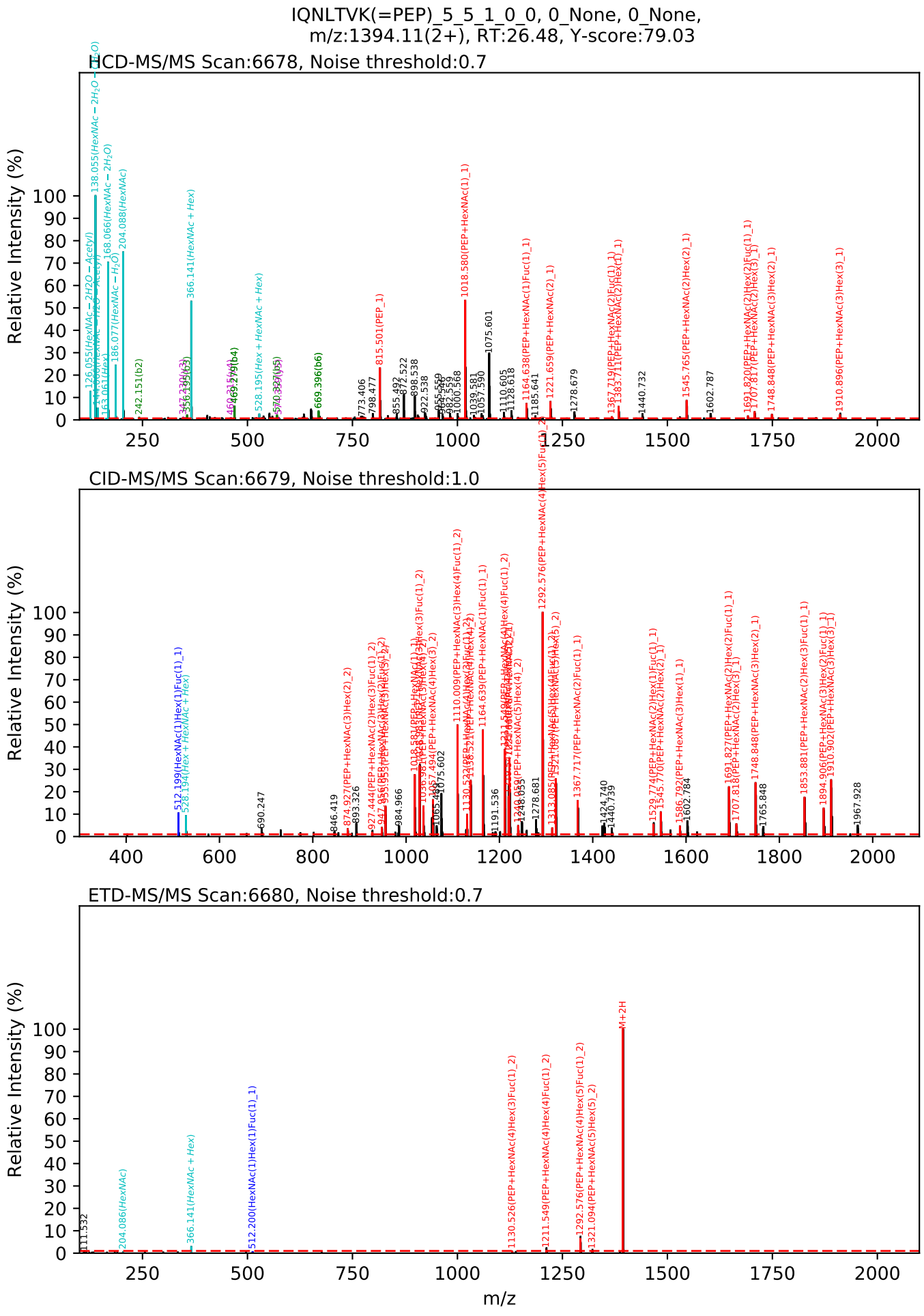

IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1075.12(3+), RT:48.57, Y-score:93.42
HCD-MS/MS Scan:17561, Noise threshold:0.5
CID-MS/MS Scan:17562, Noise threshold:0.8
ETD-MS/MS Scan:17563, Noise threshold:1.0
Relative Intensity (%)
m/z

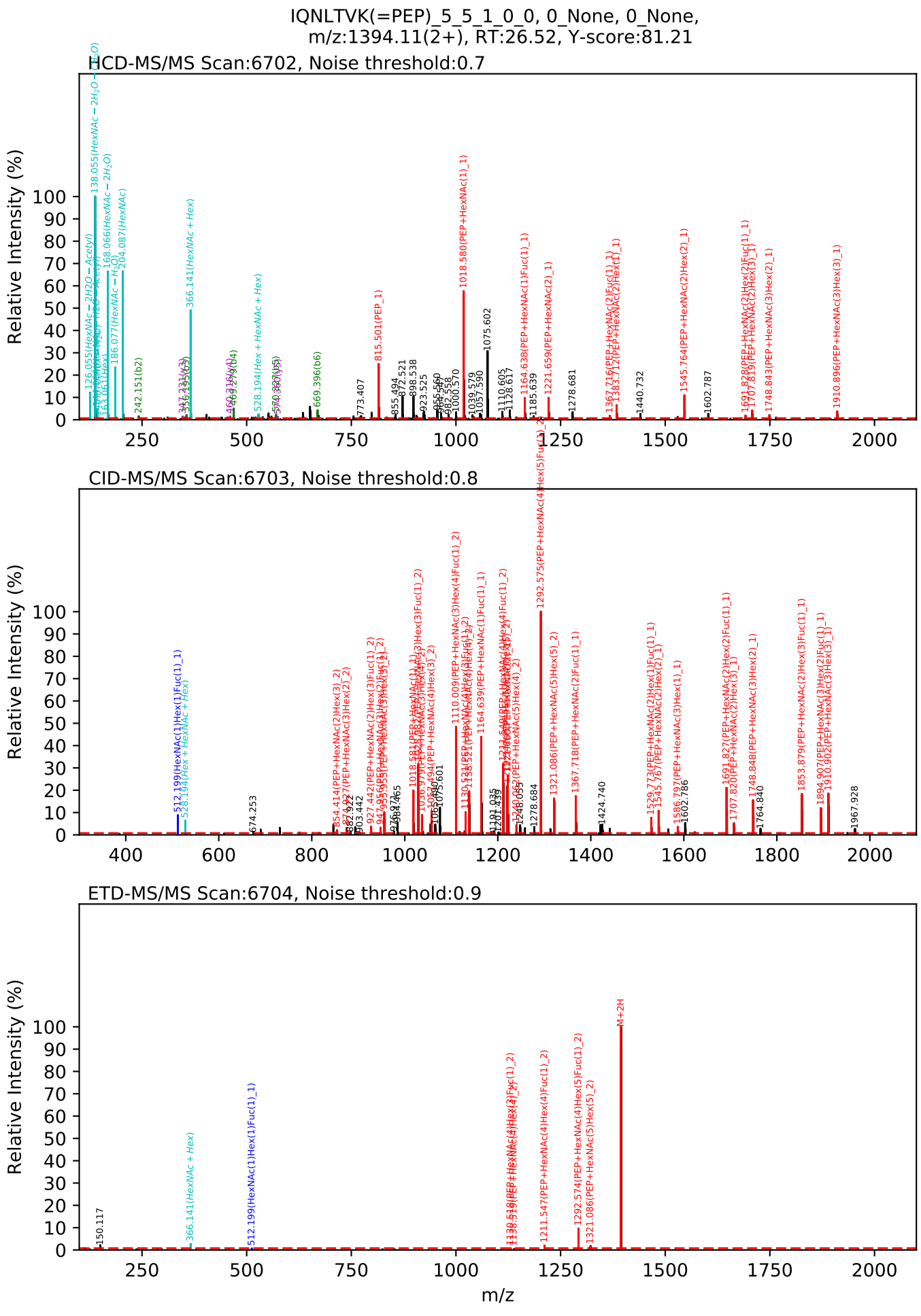

IQNLTVK(=PEP)_5_5_0_2_0, 0_None, 0_None,
m/z:1075.12(3+), RT:49.82, Y-score:79.69
HCD-MS/MS Scan:18187, Noise threshold:0.8
Relative Intensity (%)
CID-MS/MS Scan:18188, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:18189, Noise threshold:1.3
Relative Intensity (%)
m/z

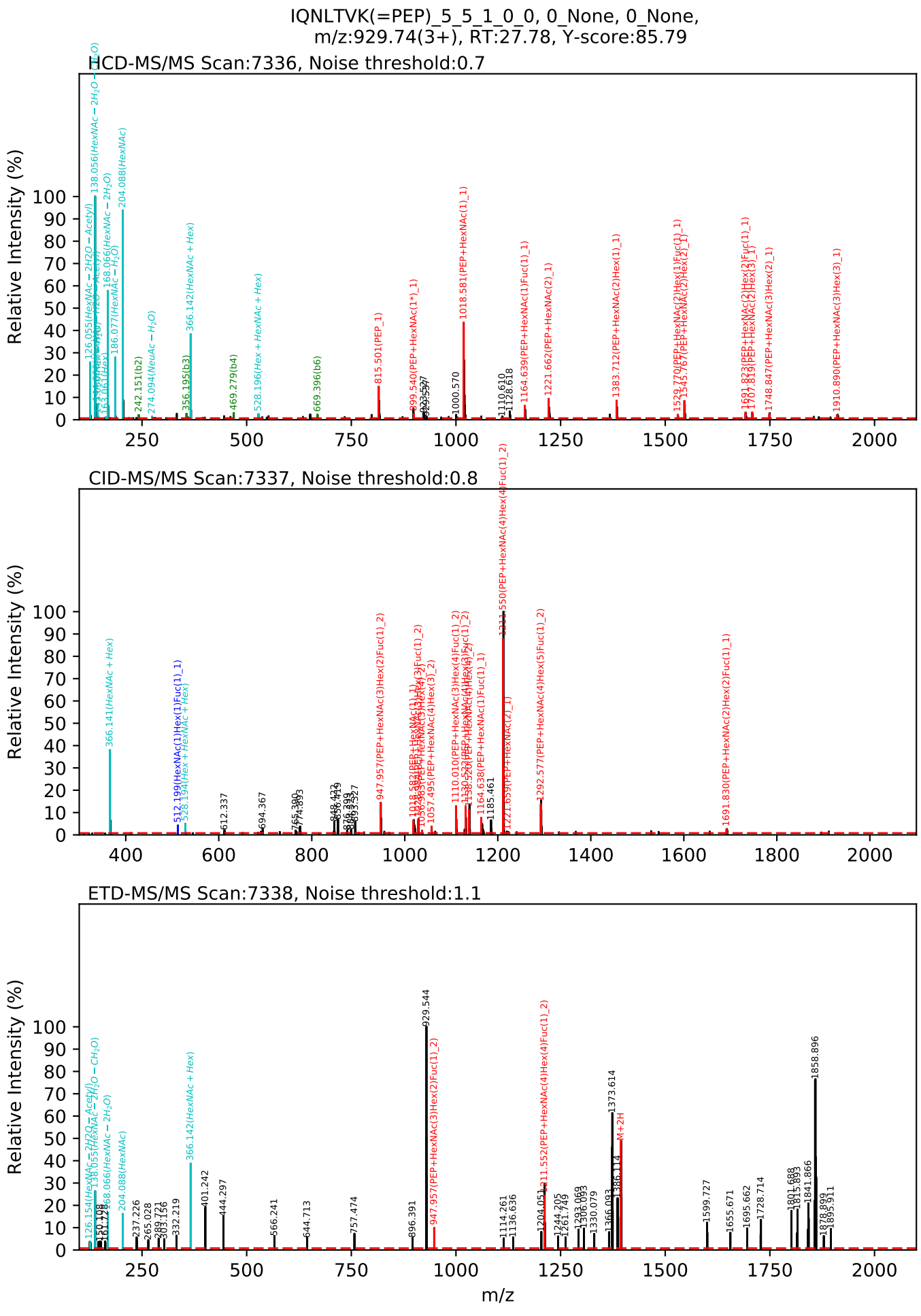

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:26.28, Y-score:63.13
HCD-MS/MS Scan:6575, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
347.233(y3)
366.142(HexNAc + Hex)
460.317(b4)
469.277(b4)
528.198(Hex + HexNAc + Hex)
815.501(PEP_1)
889.540(PEP+HexNAc(1*)_1)
922.538
1018.581(PEP+HexNAc(1)_1)
1075.618
1129.616
1164.642(PEP+HexNAc(1)Fuc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
1748.838(PEP+HexNAc(3)Hex(2)_1)
1910.893(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:6576, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
512.200(HexNAc(1)Hex(1)Fuc(1)_1)
947.956
1057.494(PEP+HexNAc(4)Hex(3)_2)
1110.010(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1164.642(PEP+HexNAc(1)Fuc(1)_1)
1240.015(PEP+HexNAc(5)Hex(4)_2)
1910.894(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:6577, Noise threshold:1.5
Relative Intensity (%)
138.055(HexNAc − 2H2O − CH2O)
150.108
168.066(HexNAc − 2H2O)
204.088(HexNAc)
210.588
270.163
284.486
315.269
366.142(HexNAc + Hex)
381.849
401.239
417.894
444.298
466.933
558.801
880.918
899.818
929.381
1350.389
1373.616
M+2H
m/z

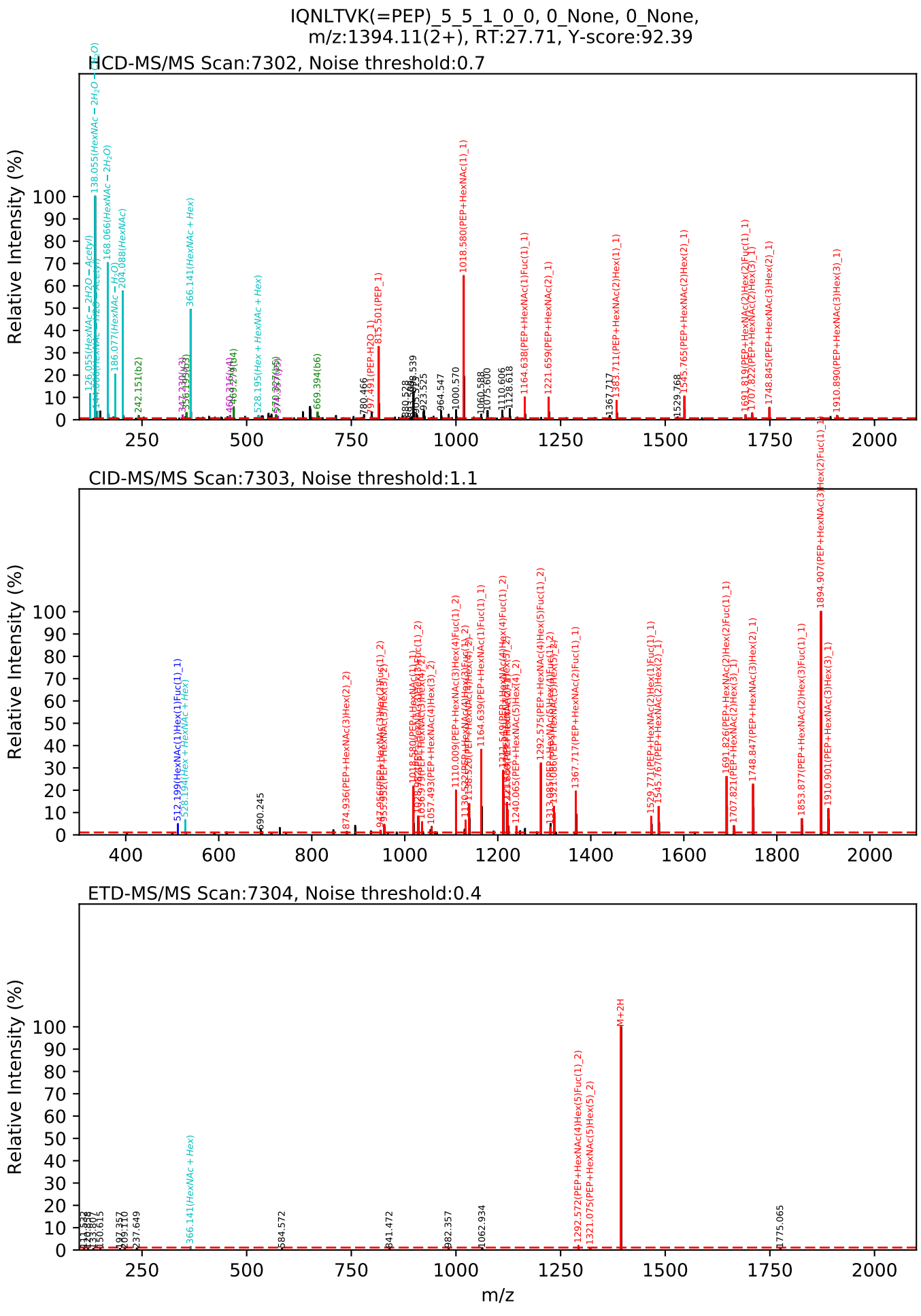

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:28.41, Y-score:86.25
HCD-MS/MS Scan:7648, Noise threshold:0.7
CID-MS/MS Scan:7649, Noise threshold:0.8
ETD-MS/MS Scan:7650, Noise threshold:0.7
Relative Intensity (%)
m/z

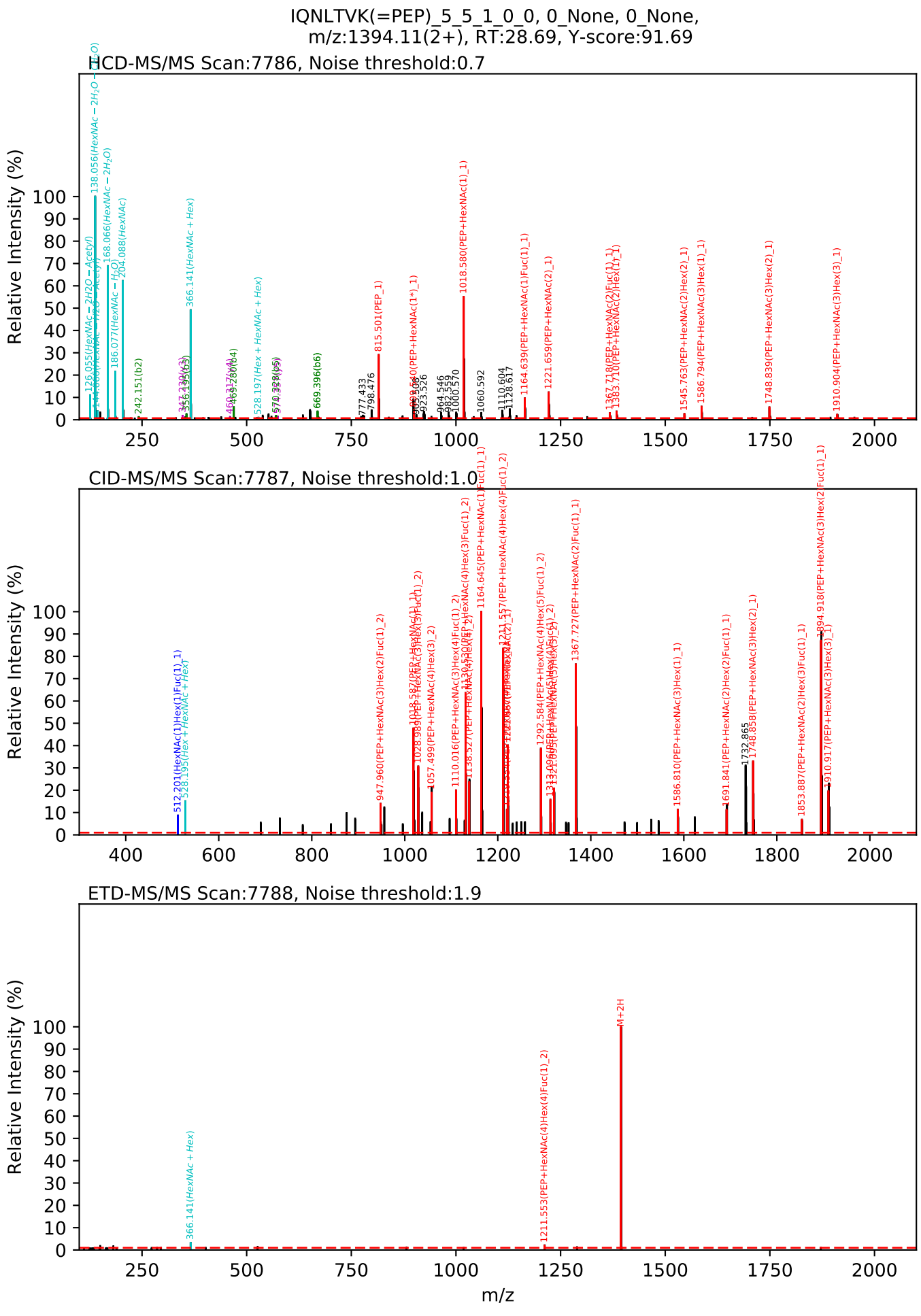

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:26.84, Y-score:63.79
HCD-MS/MS Scan:6865, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:6866, Noise threshold:0.6
Relative Intensity (%)
ETD-MS/MS Scan:6867, Noise threshold:1.1
Relative Intensity (%)
m/z

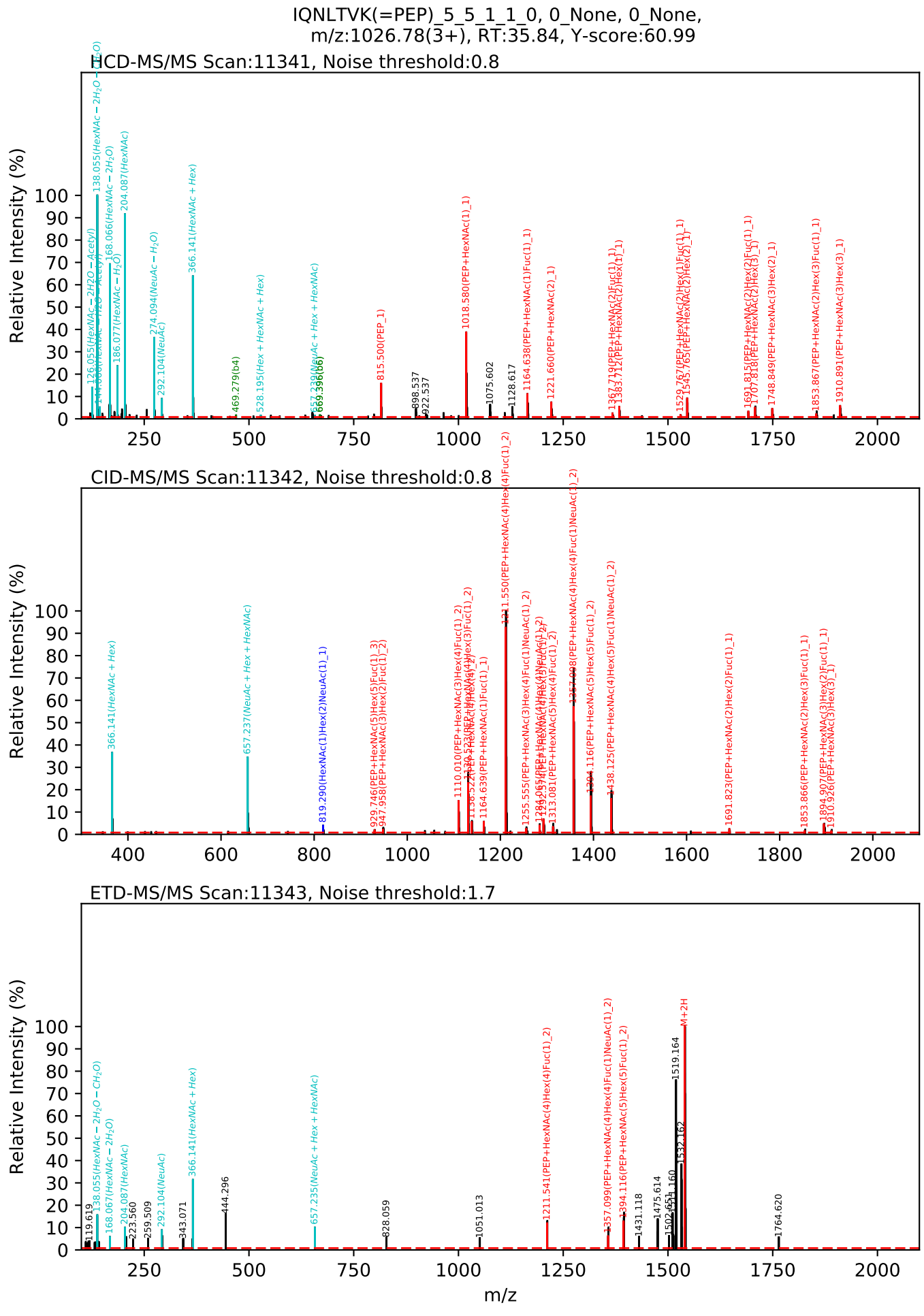

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:26.48, Y-score:79.03
HCD-MS/MS Scan:6678, Noise threshold:0.7
CID-MS/MS Scan:6679, Noise threshold:1.0
ETD-MS/MS Scan:6680, Noise threshold:0.7
Relative Intensity (%)
m/z

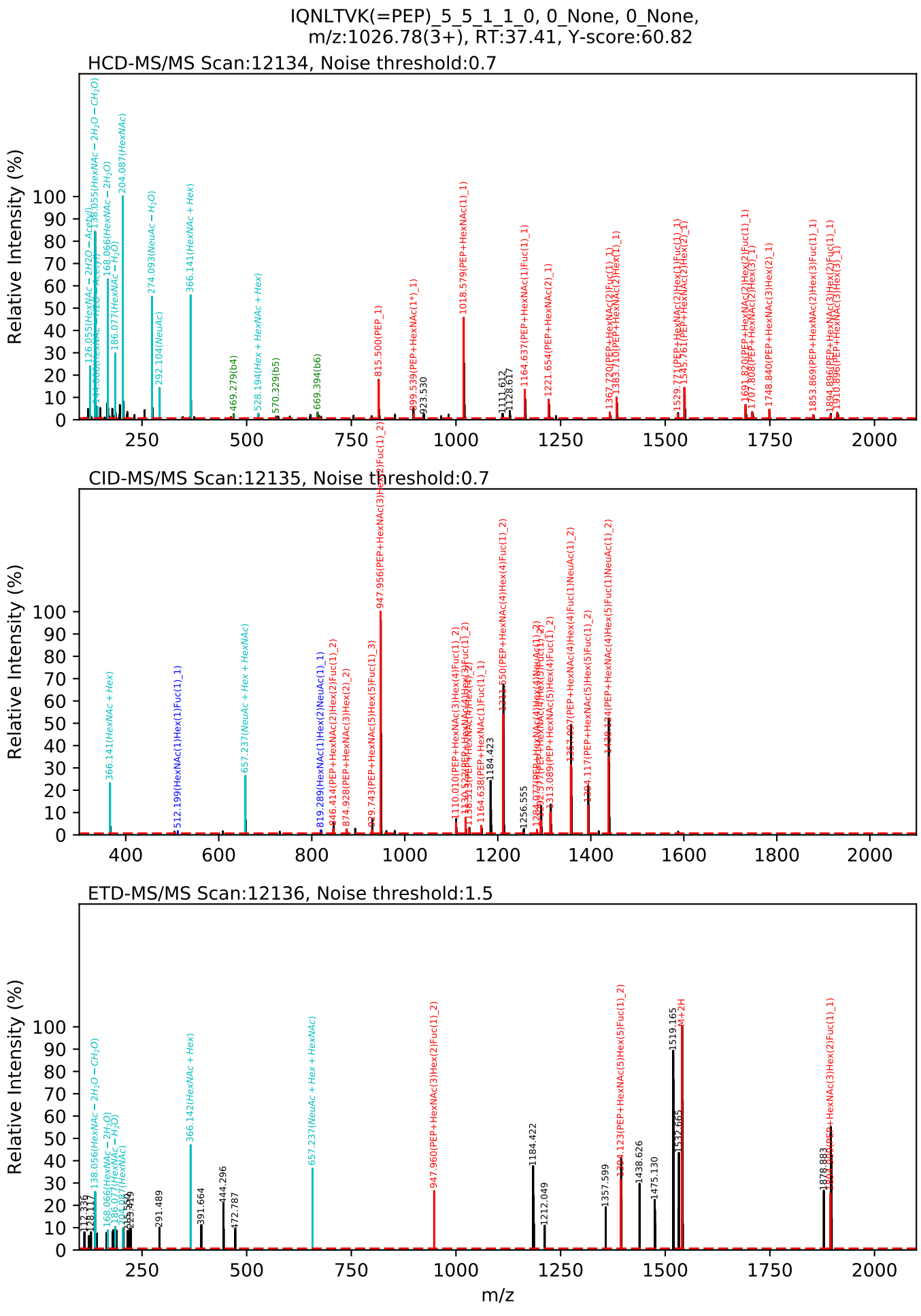

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:26.52, Y-score:81.21
HCD-MS/MS Scan:6702, Noise threshold:0.7
CID-MS/MS Scan:6703, Noise threshold:0.8
ETD-MS/MS Scan:6704, Noise threshold:0.9
Relative Intensity (%)
m/z

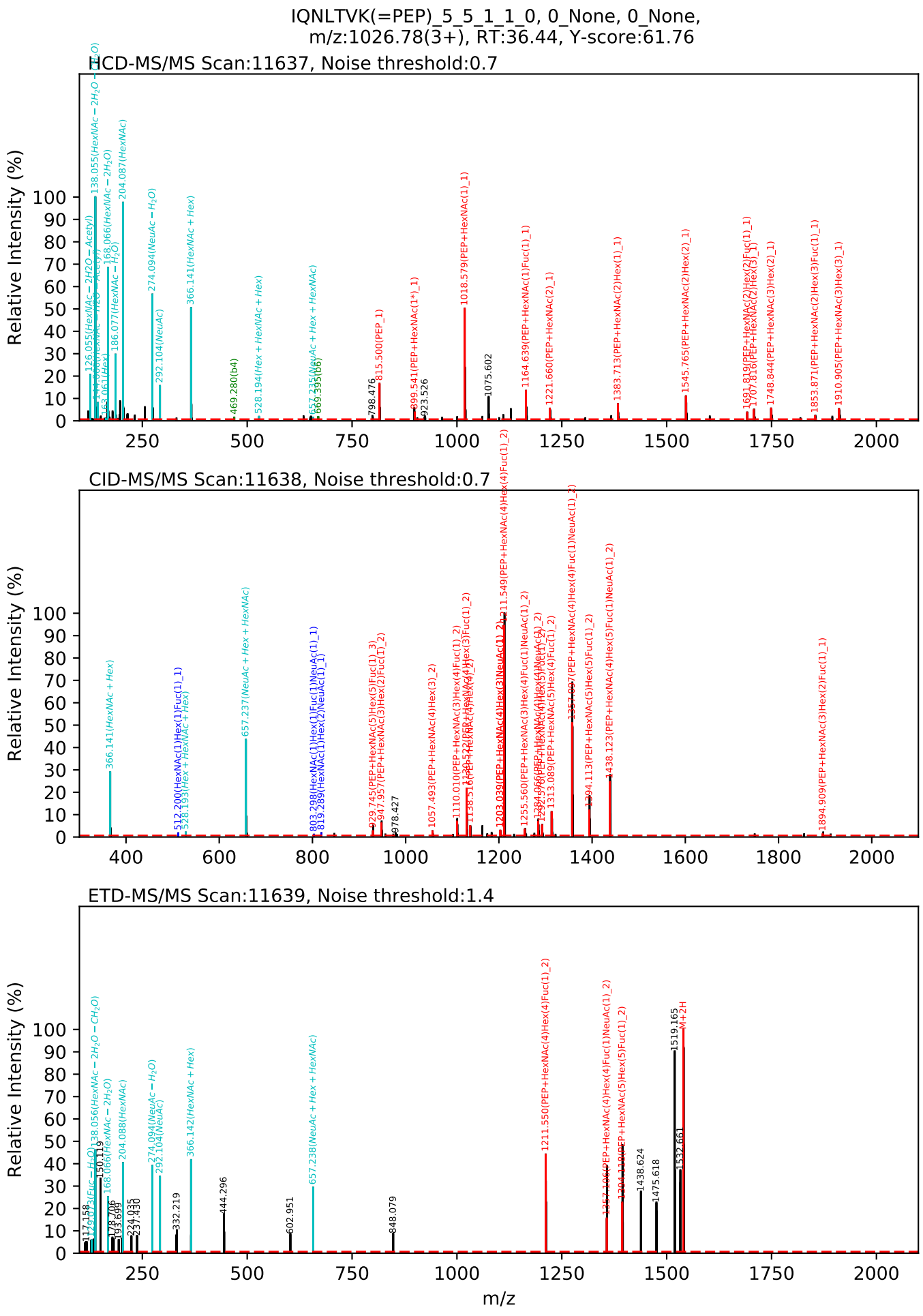

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:929.74(3+), RT:27.78, Y-score:85.79
HCD-MS/MS Scan:7336, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:7337, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:7338, Noise threshold:1.1
Relative Intensity (%)
m/z

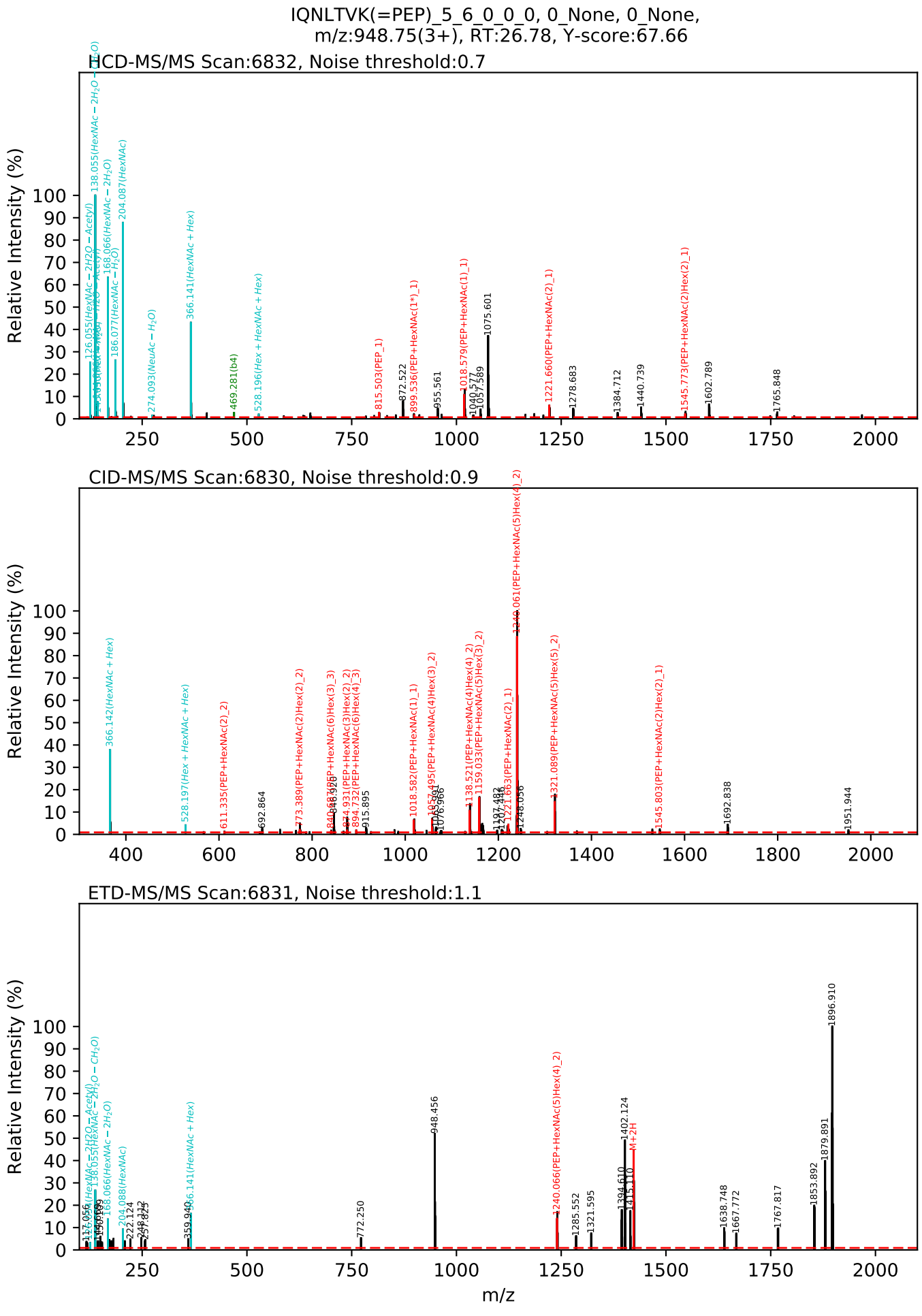

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:27.71, Y-score:92.39
HCD-MS/MS Scan:7302, Noise threshold:0.7
CID-MS/MS Scan:7303, Noise threshold:1.1
ETD-MS/MS Scan:7304, Noise threshold:0.4
Relative Intensity (%)
m/z

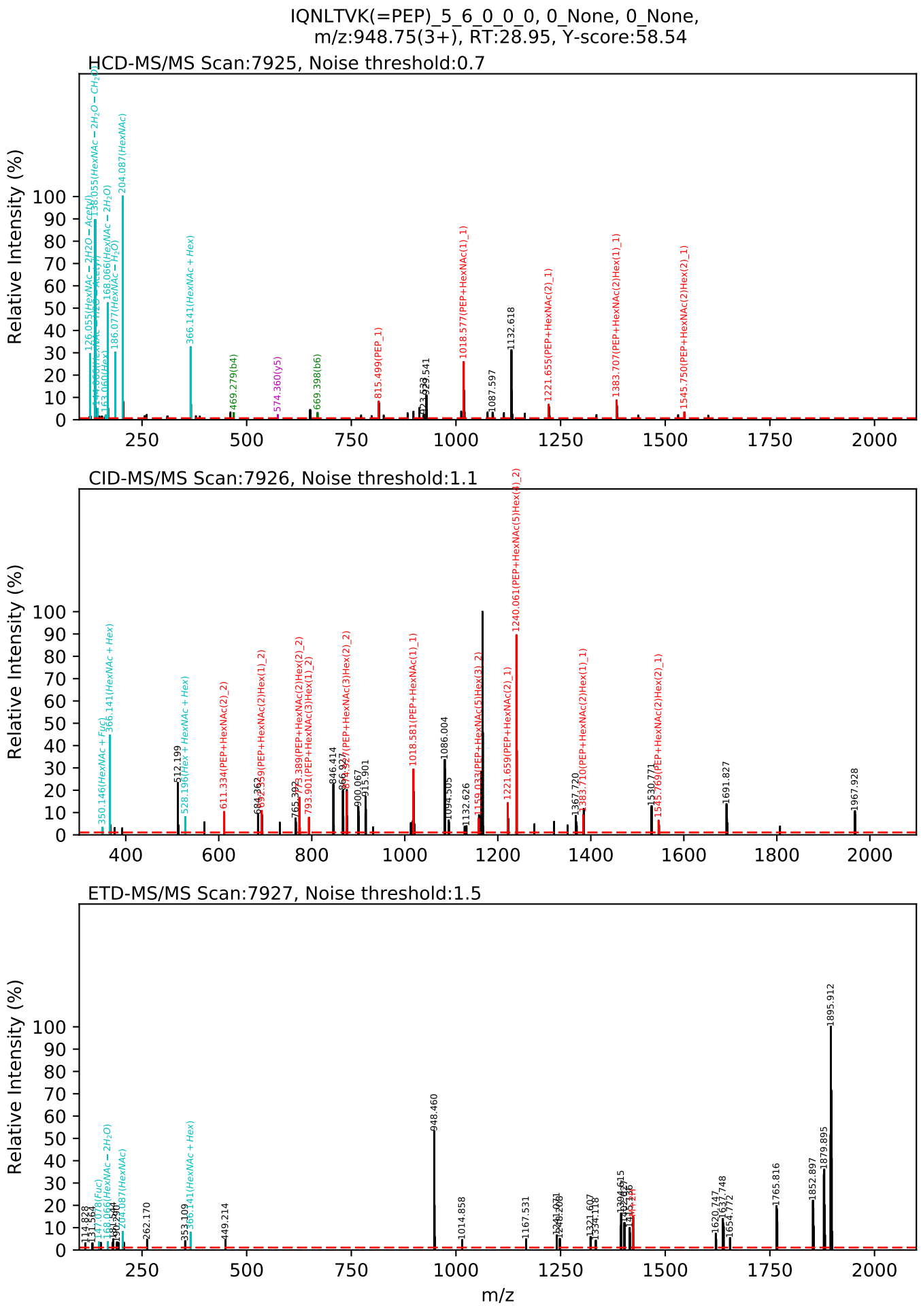

IQNLTVK(=PEP)_5_5_1_0_0, 0_None, 0_None,
m/z:1394.11(2+), RT:28.69, Y-score:91.69
HCD-MS/MS Scan:7786, Noise threshold:0.7
CID-MS/MS Scan:7787, Noise threshold:1.0
ETD-MS/MS Scan:7788, Noise threshold:1.9
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_5_1_1_0, 0_None, 0_None,
m/z:1026.78(3+), RT:35.84, Y-score:60.99
HCD-MS/MS Scan:11341, Noise threshold:0.8
CID-MS/MS Scan:11342, Noise threshold:0.8
ETD-MS/MS Scan:11343, Noise threshold:1.7
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_5_1_1_0, 0_None, 0_None,
m/z:1026.78(3+), RT:37.41, Y-score:60.82
HCD-MS/MS Scan:12134, Noise threshold:0.7
CID-MS/MS Scan:12135, Noise threshold:0.7
ETD-MS/MS Scan:12136, Noise threshold:1.5
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_5_1_1_0, 0_None, 0_None,
m/z:1026.78(3+), RT:36.44, Y-score:61.76
HCD-MS/MS Scan:11637, Noise threshold:0.7
Relative Intensity (%)
CID-MS/MS Scan:11638, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:11639, Noise threshold:1.4
Relative Intensity (%)
m/z


IQNLTVK(=PEP)_5_6_0_0_0_0, 0_None, 0_None,
m/z:948.75(3+), RT:26.78, Y-score:67.66
HCD-MS/MS Scan:6832, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
204.087(HexNAc)
138.055(HexNAc − 2H2O − Acetyl)
126.055(HexNAc − 2H2O − Acetyl)
186.077(HexNAc − H2O)
168.066(HexNAc − 2H2O)
274.093(NeuAc − H2O)
469.281(b4)
528.196(Hex + HexNAc + Hex)
815.503(PEP_1)
872.522
899.536(PEP+HexNAc(1*)_1)
955.561
1018.579(PEP+HexNAc(1)_1)
1040.577
1057.589
1075.601
1221.660(PEP+HexNAc(2)_1)
1278.683
1384.712
1440.739
1545.773(PEP+HexNAc(2)Hex(2)_1)
1602.789
1765.848
m/z
CID-MS/MS Scan:6830, Noise threshold:0.9
Relative Intensity (%)
366.142(HexNAc + Hex)
528.197(Hex + HexNAc + Hex)
611.335(PEP+HexNAc(2)_2)
692.864
773.389(PEP+HexNAc(2)Hex(2)_2)
894.732(PEP+HexNAc(6)Hex(4)_3)
915.895
1018.582(PEP+HexNAc(1)_1)
1138.521(PEP+HexNAc(4)Hex(4)_2)
1159.033(PEP+HexNAc(5)Hex(3)_2)
1221.663(PEP+HexNAc(2)_1)
1240.061(PEP+HexNAc(5)Hex(4)_2)
1248.036
1321.089(PEP+HexNAc(5)Hex(5)_2)
1545.803(PEP+HexNAc(2)Hex(2)_1)
1692.838
1951.944
m/z
ETD-MS/MS Scan:6831, Noise threshold:1.1
Relative Intensity (%)
366.141(HexNAc + Hex)
204.088(HexNAc)
168.066(HexNAc − 2H2O)
948.456
772.250
1240.066(PEP+HexNAc(5)Hex(4)_2)
1285.552
1321.595
1402.124
M+2H
1638.748
1667.772
1767.817
1853.892
1879.891
1896.910
m/z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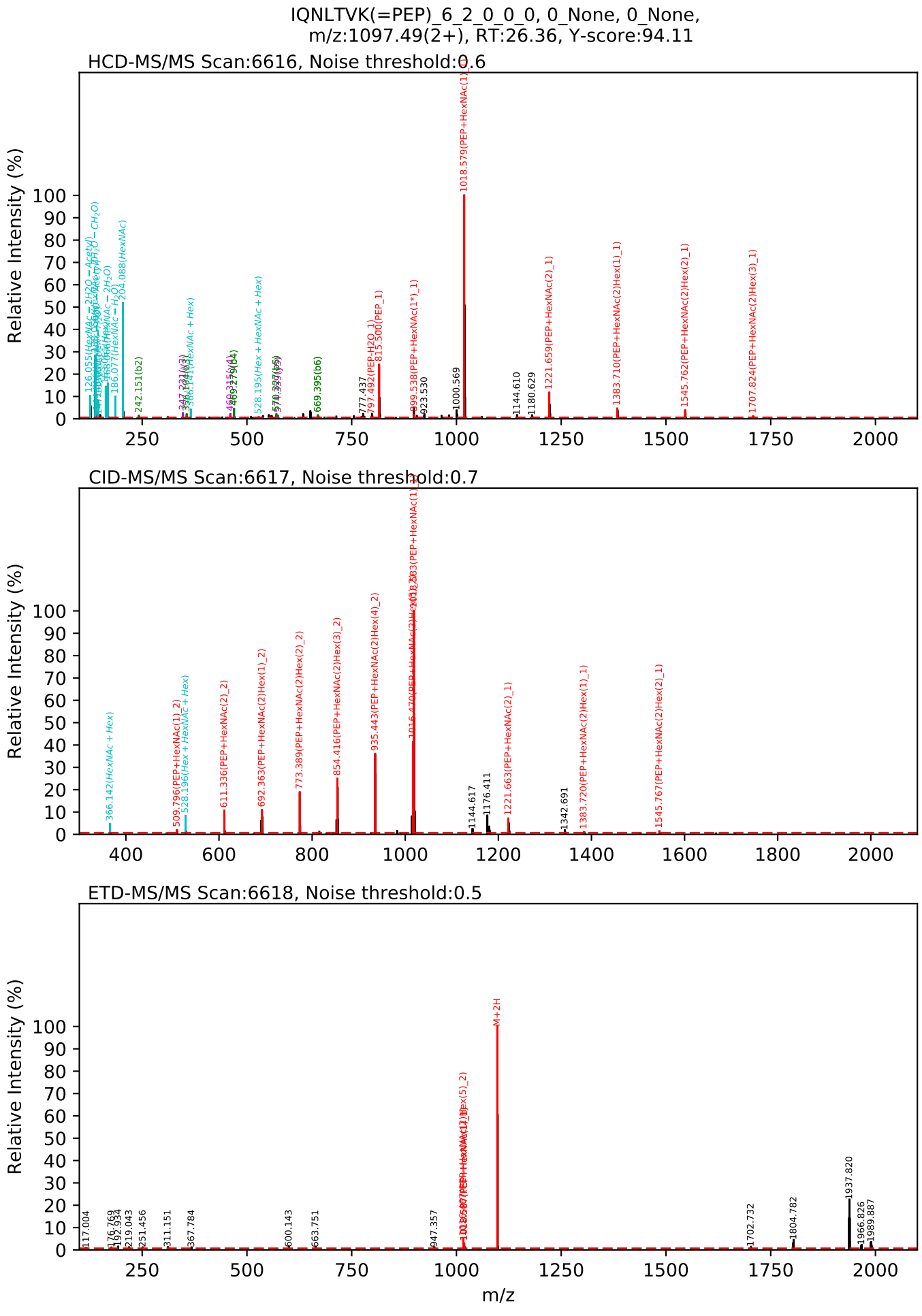
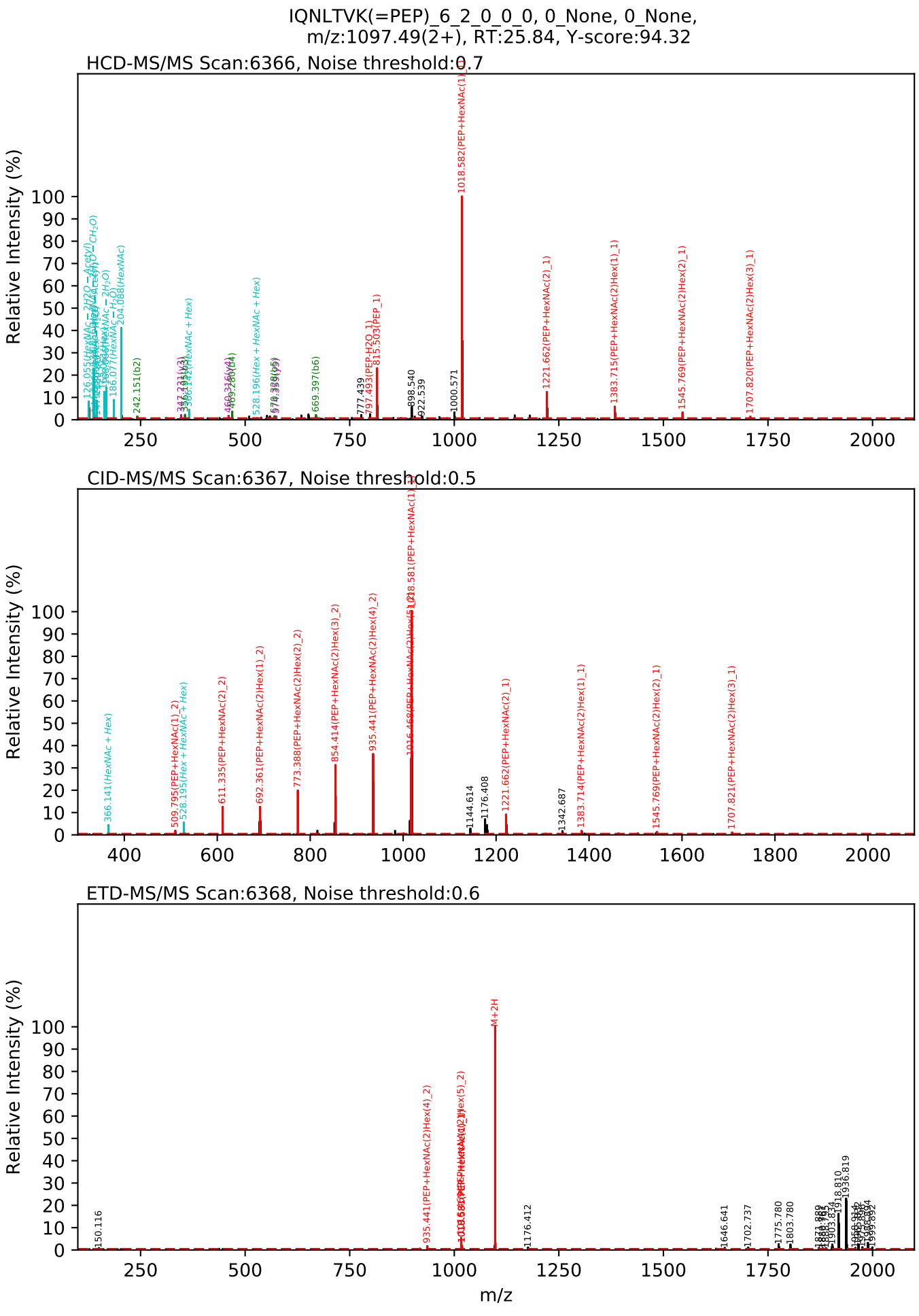
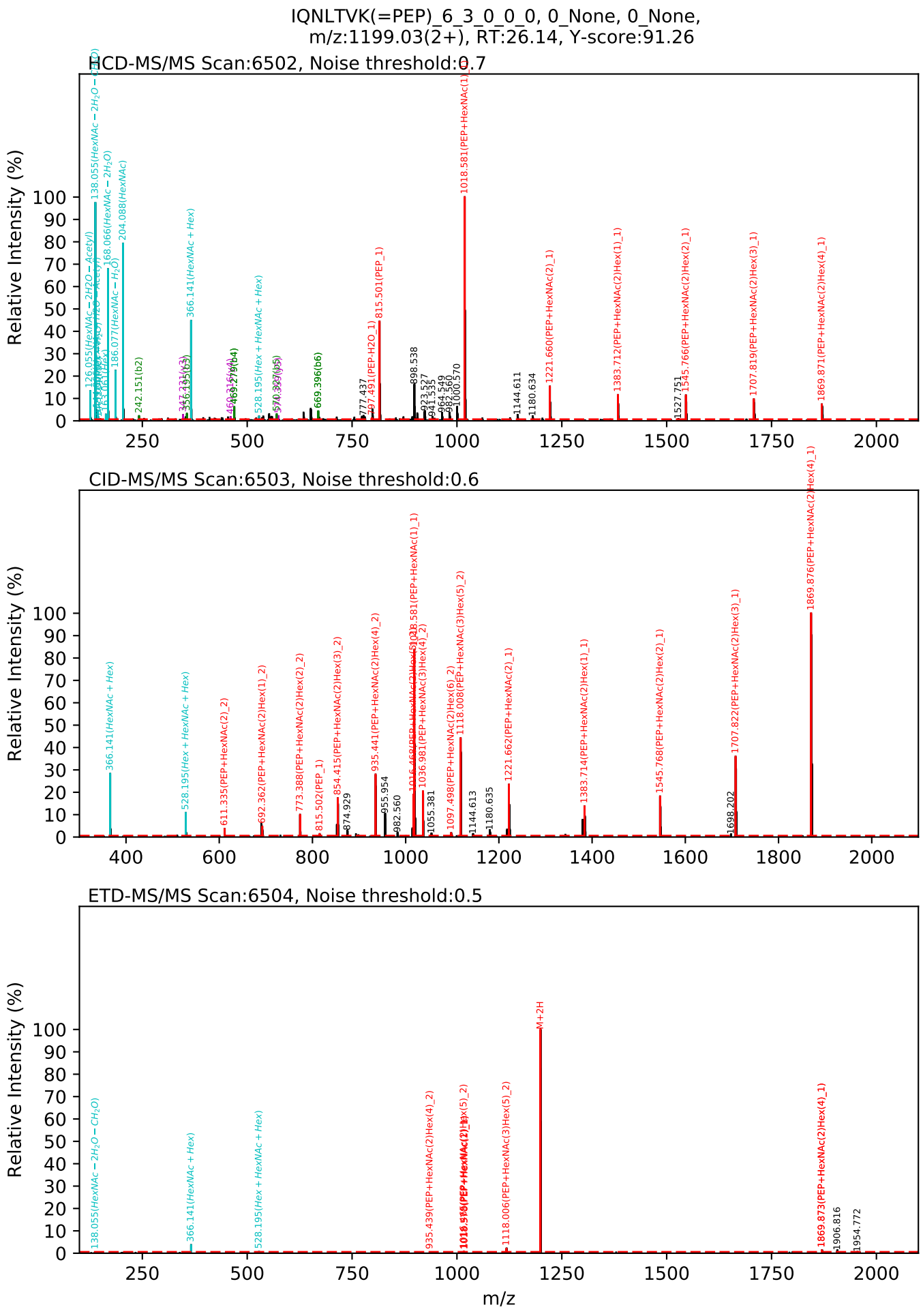
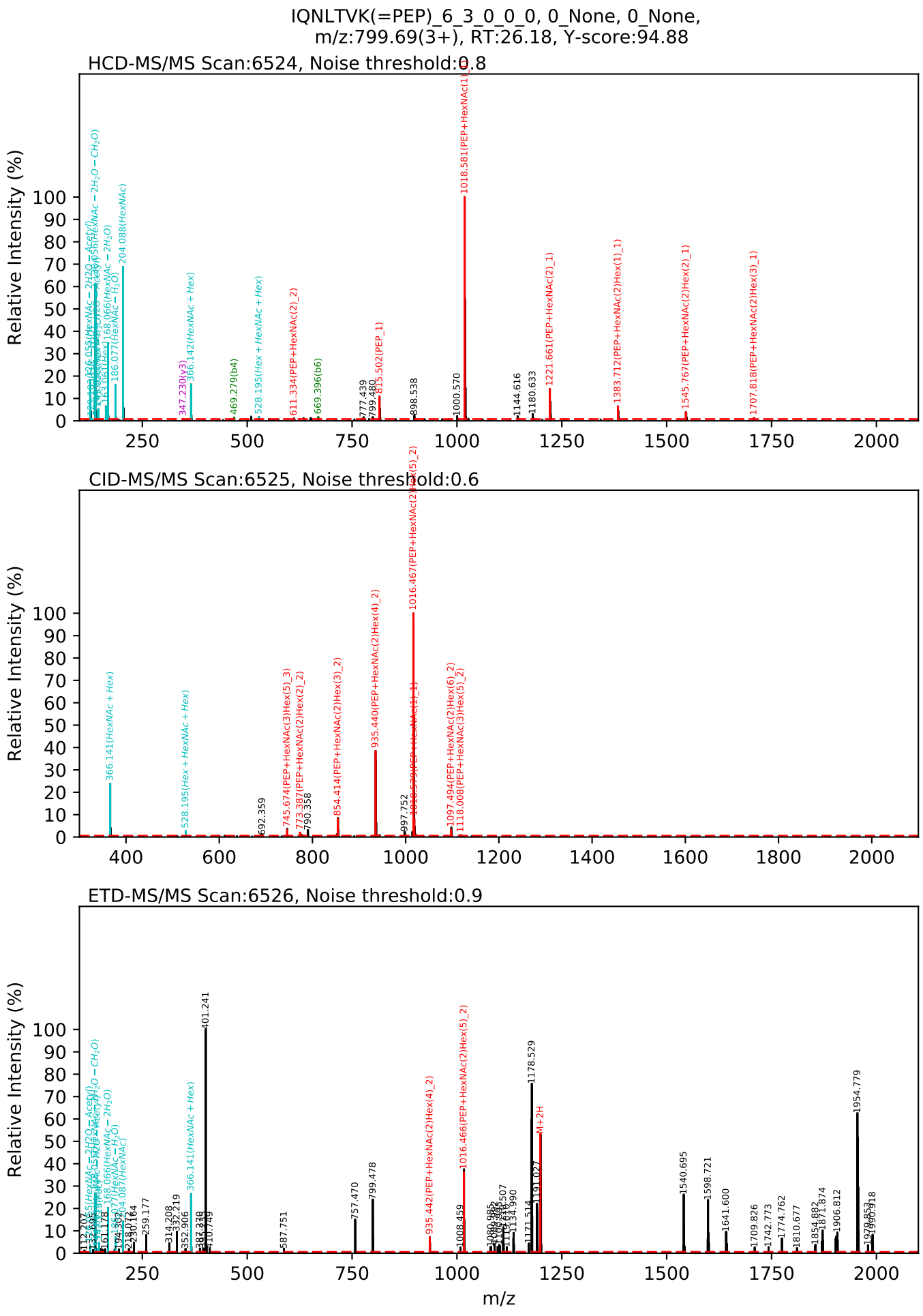
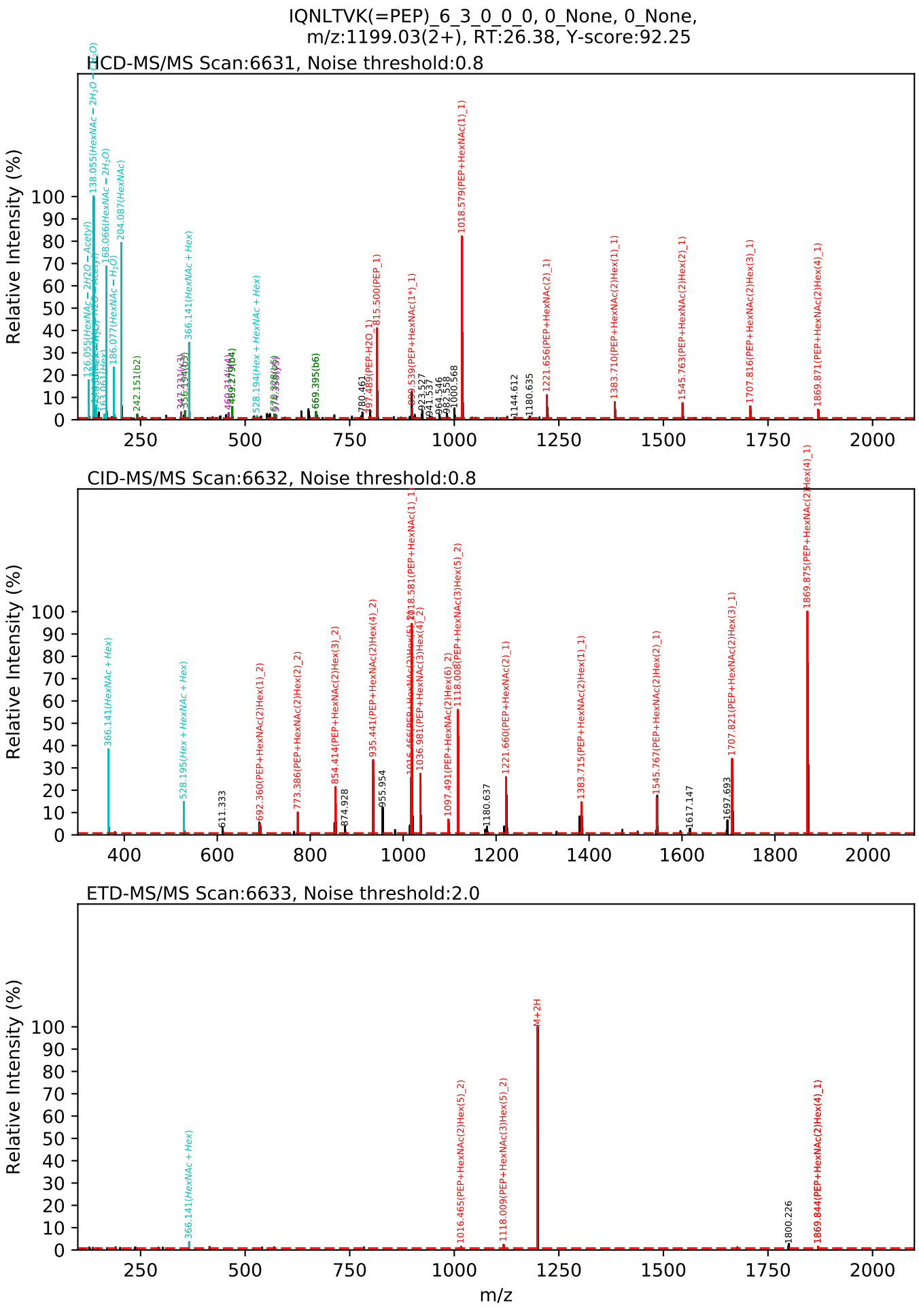
m/z:948.75(3+), RT:28.95, Y-score:58.54
HCD-MS/MS Scan:7925, Noise threshold:0.7
Relative Intensity (%)
204.087(HexNAc)
366.141(HexNAc + Hex)
469.279(b4)
574.360(y5)
669.398(b6)
815.499(PEP_1)
1018.577(PEP+HexNAc(1)_1)
1087.597
1132.618
1221.655(PEP+HexNAc(2)_1)
1383.707(PEP+HexNAc(2)Hex(1)_1)
1545.750(PEP+HexNAc(2)Hex(2)_1)
CID-MS/MS Scan:7926, Noise threshold:1.1
Relative Intensity (%)
350.146(HexNAc + Fuc)
366.141(HexNAc + Hex)
512.199
528.196(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
684.362
689.359(PEP+HexNAc(2)Hex(1)_2)
765.392
773.389(PEP+HexNAc(2)Hex(2)_2)
793.901(PEP+HexNAc(3)Hex(1)_2)
846.414
866.927(PEP+HexNAc(3)Hex(2)_2)
900.067
915.901
1018.581(PEP+HexNAc(1)_1)
1086.004
1094.505
1132.626
1159.033(PEP+HexNAc(5)Hex(3)_2)
1221.659(PEP+HexNAc(2)_1)
1240.061(PEP+HexNAc(5)Hex(4)_2)
1367.720
1383.710(PEP+HexNAc(2)Hex(1)_1)
1530.771
1545.769(PEP+HexNAc(2)Hex(2)_1)
1691.827
1967.928
ETD-MS/MS Scan:7927, Noise threshold:1.5
Relative Intensity (%)
204.087(HexNAc)
262.170
366.141(HexNAc + Hex)
449.214
948.460
1014.858
1167.531
1765.816
1852.897
1879.895
1895.912
m/z

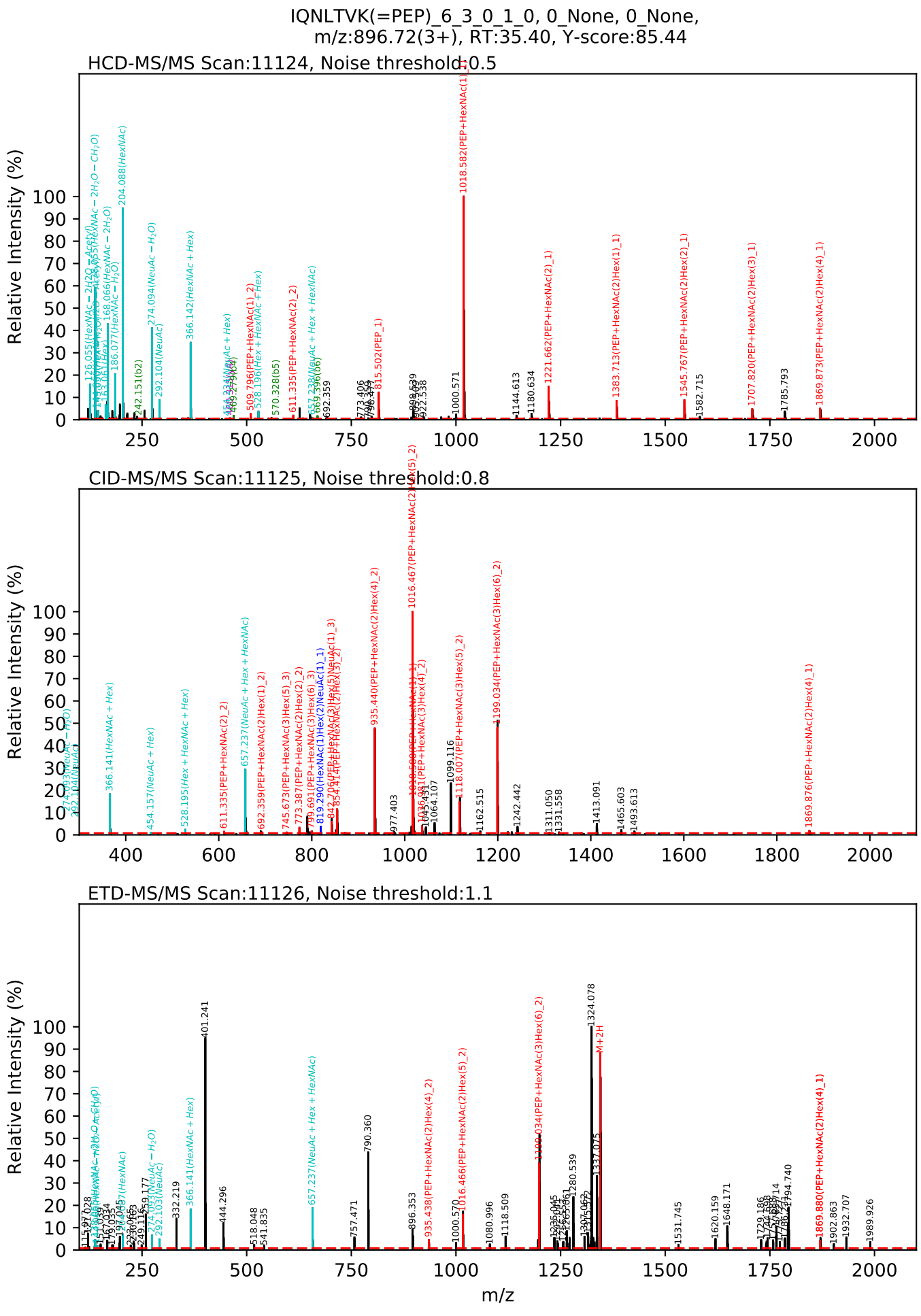

IQNLTVK(=PEP)_6_2_0_0_0, 0_None, 0_None,
m/z:1097.49(2+), RT:26.36, Y-score:94.11
HCD-MS/MS Scan:6616, Noise threshold:0.6
Relative Intensity (%)
1018.579(PEP+HexNAc(1)_1)
204.088(HexNAc)
242.151(b2)
528.195(Hex + HexNAc + Hex)
669.395(b6)
815.500(PEP_1)
1000.569
1144.610
1180.629
1221.659(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.762(PEP+HexNAc(2)Hex(2)_1)
1707.824(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6617, Noise threshold:0.7
Relative Intensity (%)
366.142(HexNAc + Hex)
528.196(Hex + HexNAc + Hex)
611.336(PEP+HexNAc(2)_2)
692.363(PEP+HexNAc(2)Hex(1)_2)
773.389(PEP+HexNAc(2)Hex(2)_2)
854.416(PEP+HexNAc(2)Hex(3)_2)
935.443(PEP+HexNAc(2)Hex(4)_2)
1144.617
1176.411
1221.663(PEP+HexNAc(2)_1)
1342.691
1383.720(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
ETD-MS/MS Scan:6618, Noise threshold:0.5
Relative Intensity (%)
M+2H
117.004
600.143
663.751
947.357
1702.732
1804.782
1937.820
1966.826
1989.887
m/z

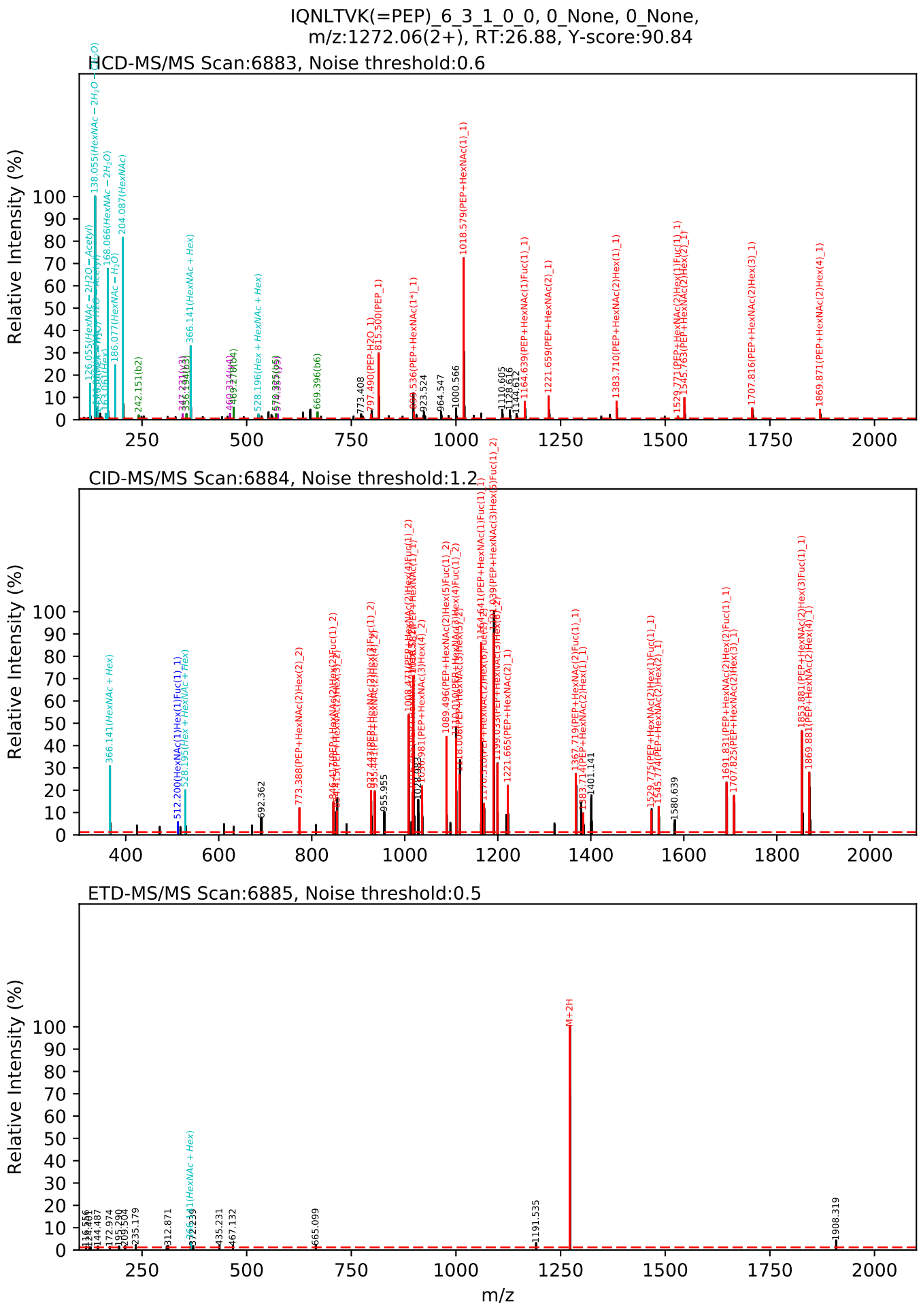

IQNLTVK(=PEP)_6_2_0_0_0, 0_None, 0_None,
m/z:1097.49(2+), RT:25.84, Y-score:94.32
HCD-MS/MS Scan:6366, Noise threshold:0.7
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
1221.662(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.820(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6367, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
509.795(PEP+HexNAc(1)_2)
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)
1144.614
1176.408
1221.662(PEP+HexNAc(2)_1)
1342.687
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:6368, Noise threshold:0.6
Relative Intensity (%)
150.116
935.441(PEP+HexNAc(2)Hex(4)_2)
M+2H
1176.412
1646.641
1702.737
1775.780
1803.780
1936.819
m/z

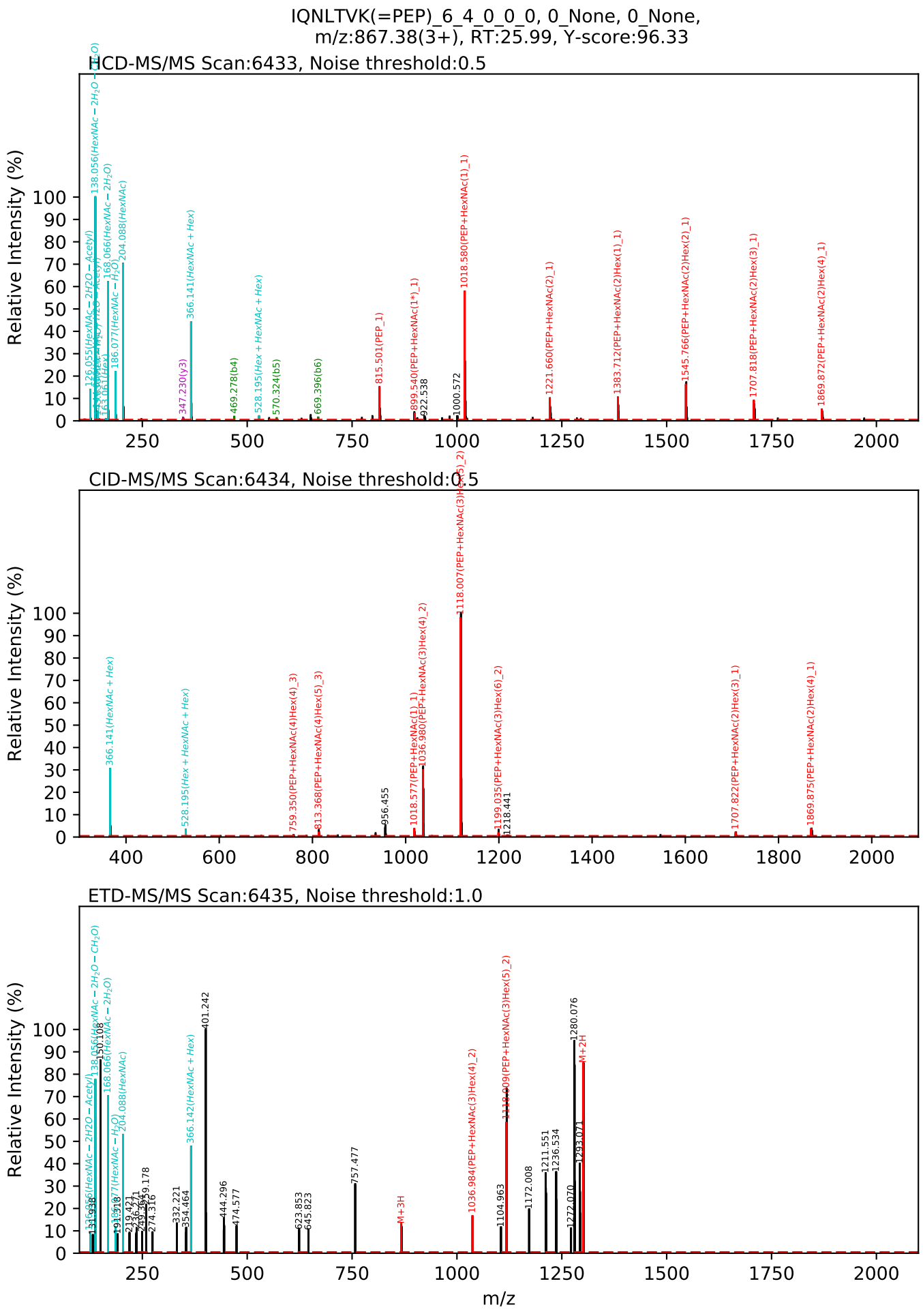

IQNLTVK(=PEP)_6_3_0_0_0, 0_None, 0_None,
m/z:1199.03(2+), RT:26.14, Y-score:91.26
HCD-MS/MS Scan:6502, Noise threshold:0.7
CID-MS/MS Scan:6503, Noise threshold:0.6
ETD-MS/MS Scan:6504, Noise threshold:0.5
Relative Intensity (%)
m/z
M+2H

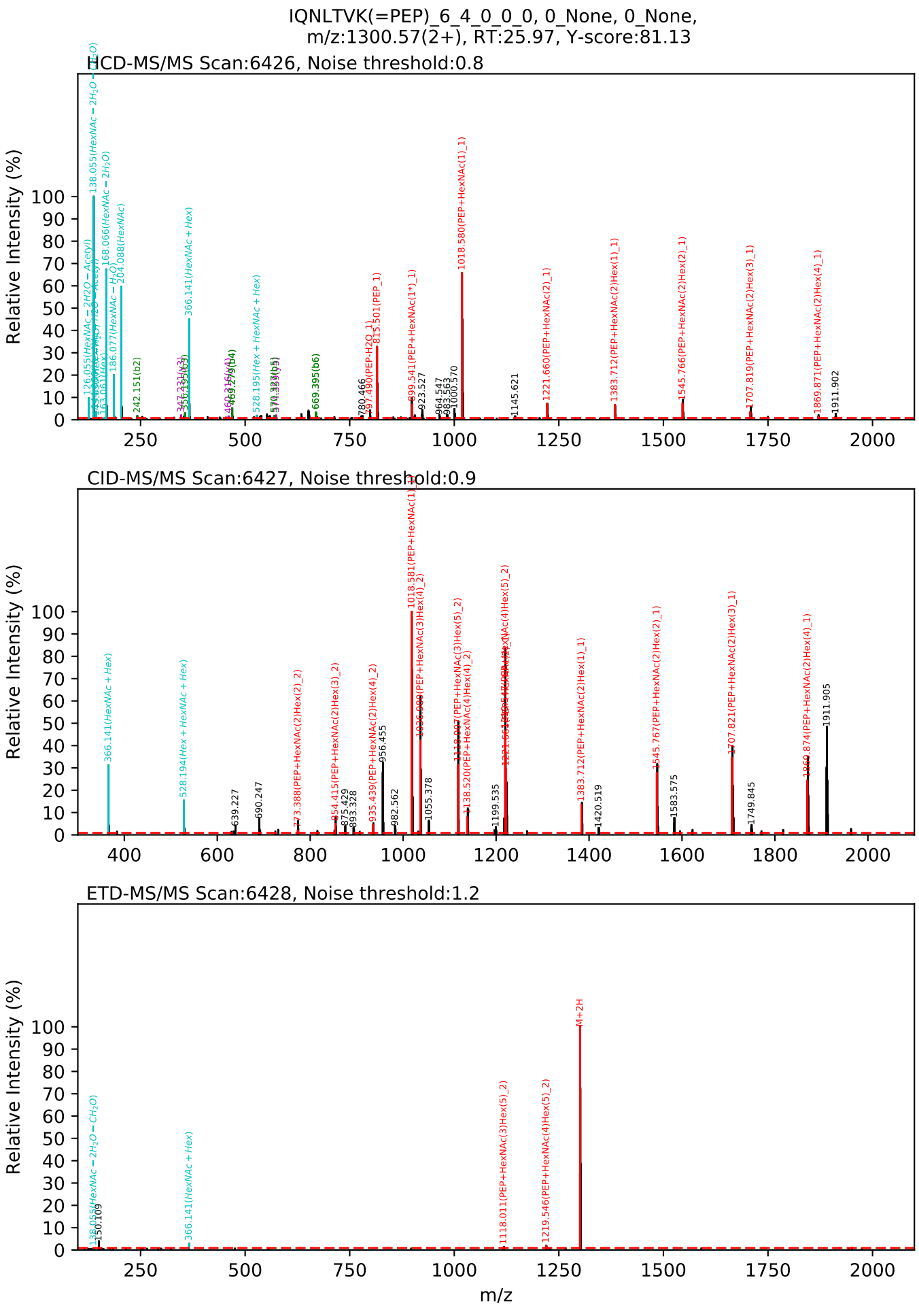

IQNLTVK(=PEP)_6_3_0_0_0, 0_None, 0_None,
m/z:799.69(3+), RT:26.18, Y-score:94.88
HCD-MS/MS Scan:6524, Noise threshold:0.8
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
204.088(HexNAc)
366.142(HexNAc + Hex)
347.230(y3)
469.279(b4)
528.195(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
669.396(b6)
777.439
799.480
815.502(PEP_1)
898.538
1000.570
1144.616
1180.633
1221.661(PEP+HexNAc(2)_1)
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6525, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
692.359
745.674(PEP+HexNAc(3)Hex(5)_3)
773.387(PEP+HexNAc(2)Hex(2)_2)
790.358
854.414(PEP+HexNAc(2)Hex(3)_2)
935.440(PEP+HexNAc(2)Hex(4)_2)
997.752
1016.467(PEP+HexNAc(2)Hex(5)_2)
1097.494(PEP+HexNAc(2)Hex(6)_2)
1118.008(PEP+HexNAc(3)Hex(5)_2)
ETD-MS/MS Scan:6526, Noise threshold:0.9
Relative Intensity (%)
366.141(HexNAc + Hex)
401.241
757.470
799.478
587.751
935.442(PEP+HexNAc(2)Hex(4)_2)
1016.466(PEP+HexNAc(2)Hex(5)_2)
1008.459
1178.529
M+2H
1540.695
1598.721
1641.600
1709.826
1742.773
1774.762
1810.677
1871.874
1906.812
1954.779
m/z

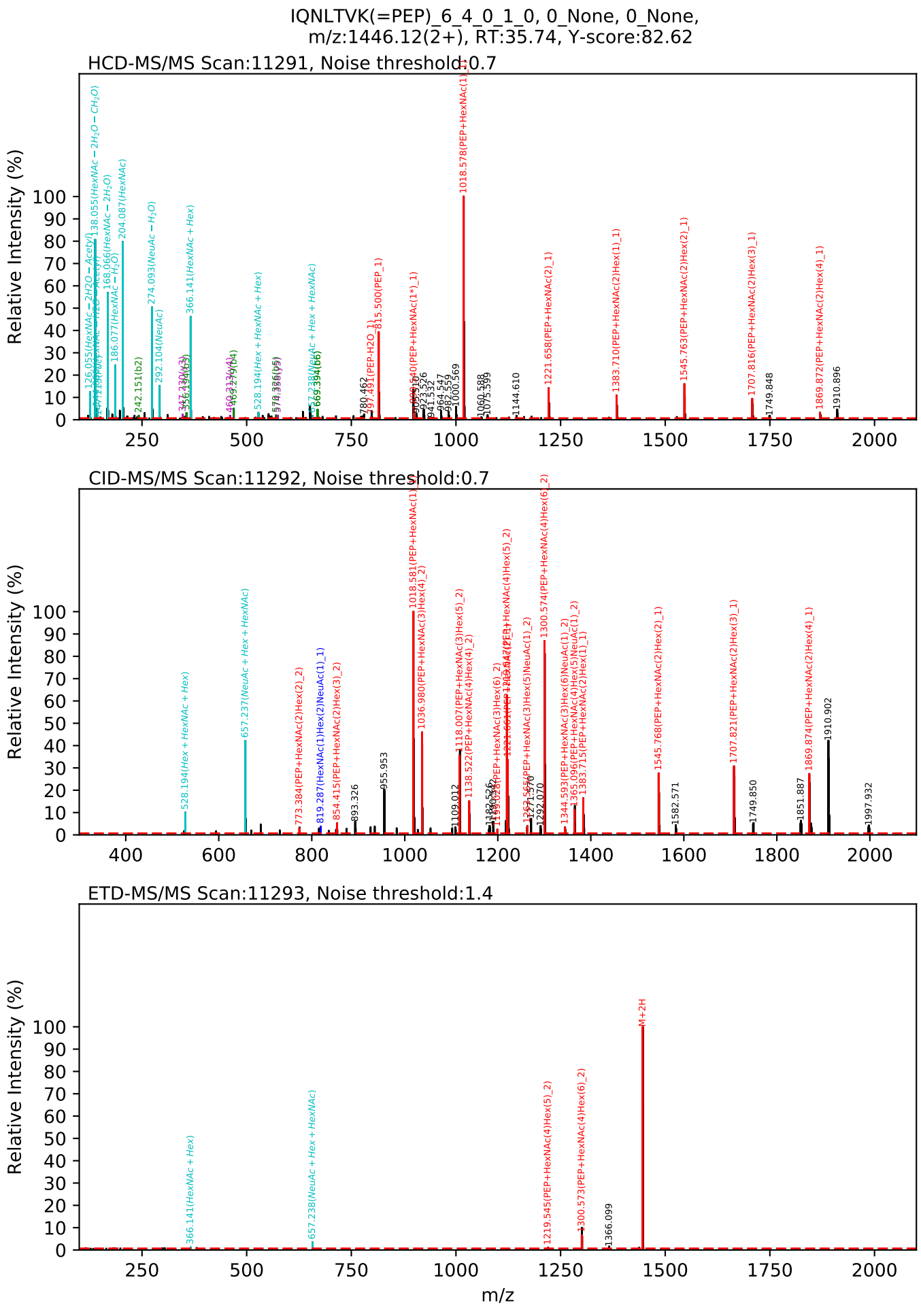

IQNLTVK(=PEP)_6_3_0_0_0, 0_None, 0_None,
m/z:1199.03(2+), RT:26.38, Y-score:92.25
HCD-MS/MS Scan:6631, Noise threshold:0.8
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
669.395(b6)
780.461
815.500(PEP_1)
1018.579(PEP+HexNAc(1)_1)
1144.612
1180.635
1221.656(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
1869.871(PEP+HexNAc(2)Hex(4)_1)
CID-MS/MS Scan:6632, Noise threshold:0.8
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
611.333
692.360(PEP+HexNAc(2)Hex(1)_2)
773.386(PEP+HexNAc(2)Hex(2)_2)
854.414(PEP+HexNAc(2)Hex(3)_2)
874.928
935.441(PEP+HexNAc(2)Hex(4)_2)
955.954
1018.581(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1097.491(PEP+HexNAc(2)Hex(6)_2)
1118.008(PEP+HexNAc(3)Hex(5)_2)
1180.637
1221.660(PEP+HexNAc(2)_1)
1383.715(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1617.147
1697.693
1707.821(PEP+HexNAc(2)Hex(3)_1)
1869.875(PEP+HexNAc(2)Hex(4)_1)
ETD-MS/MS Scan:6633, Noise threshold:2.0
Relative Intensity (%)
366.141(HexNAc + Hex)
1016.465(PEP+HexNAc(2)Hex(5)_2)
1118.009(PEP+HexNAc(3)Hex(5)_2)
M+2H
1800.226
1869.844(PEP+HexNAc(2)Hex(4)_1)
m/z

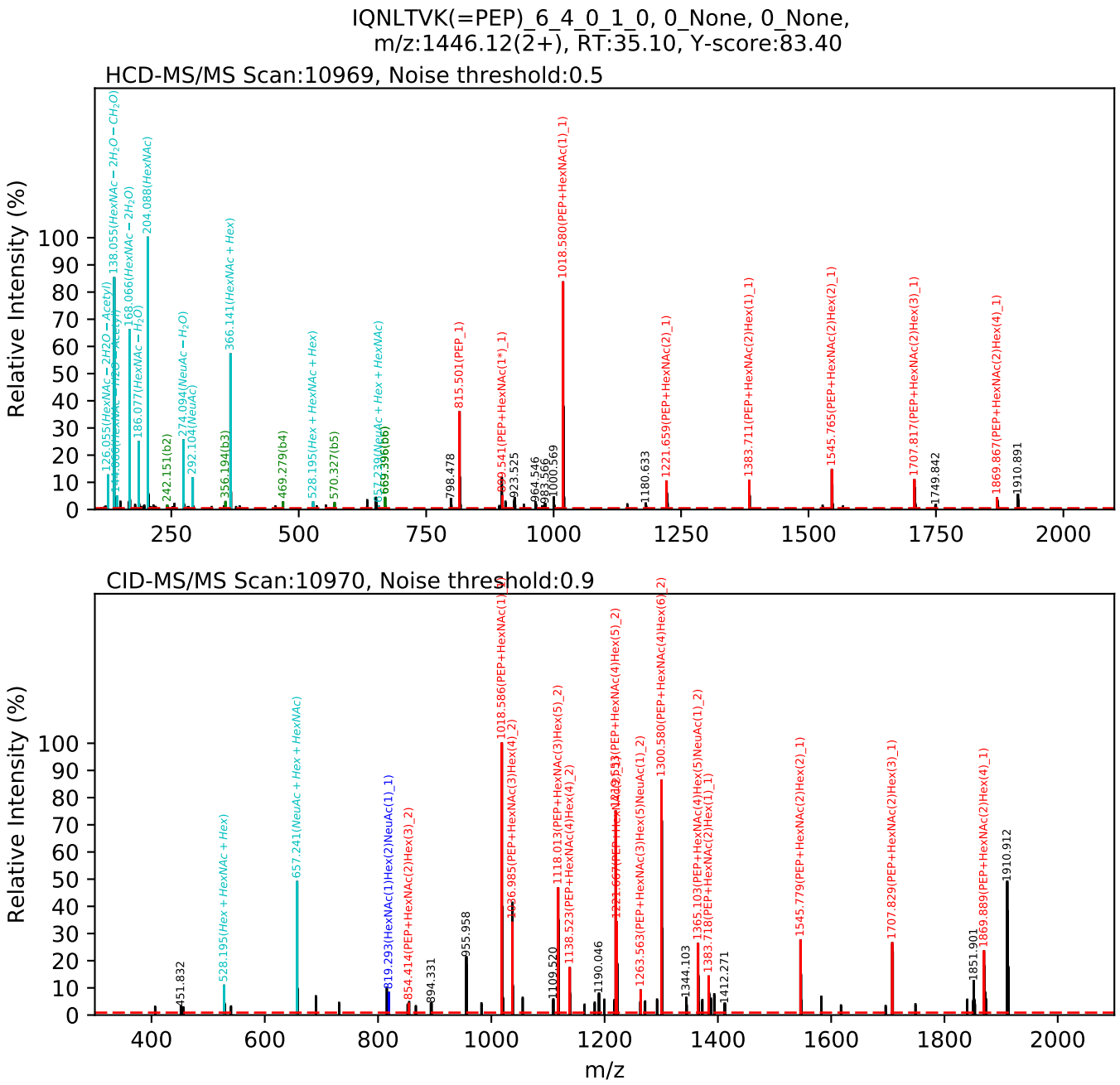

IQNLTVK(=PEP)_6_3_0_1_0, 0_None, 0_None,
m/z:896.72(3+), RT:35.40, Y-score:85.44
HCD-MS/MS Scan:11124, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:11125, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:11126, Noise threshold:1.1
Relative Intensity (%)
m/z

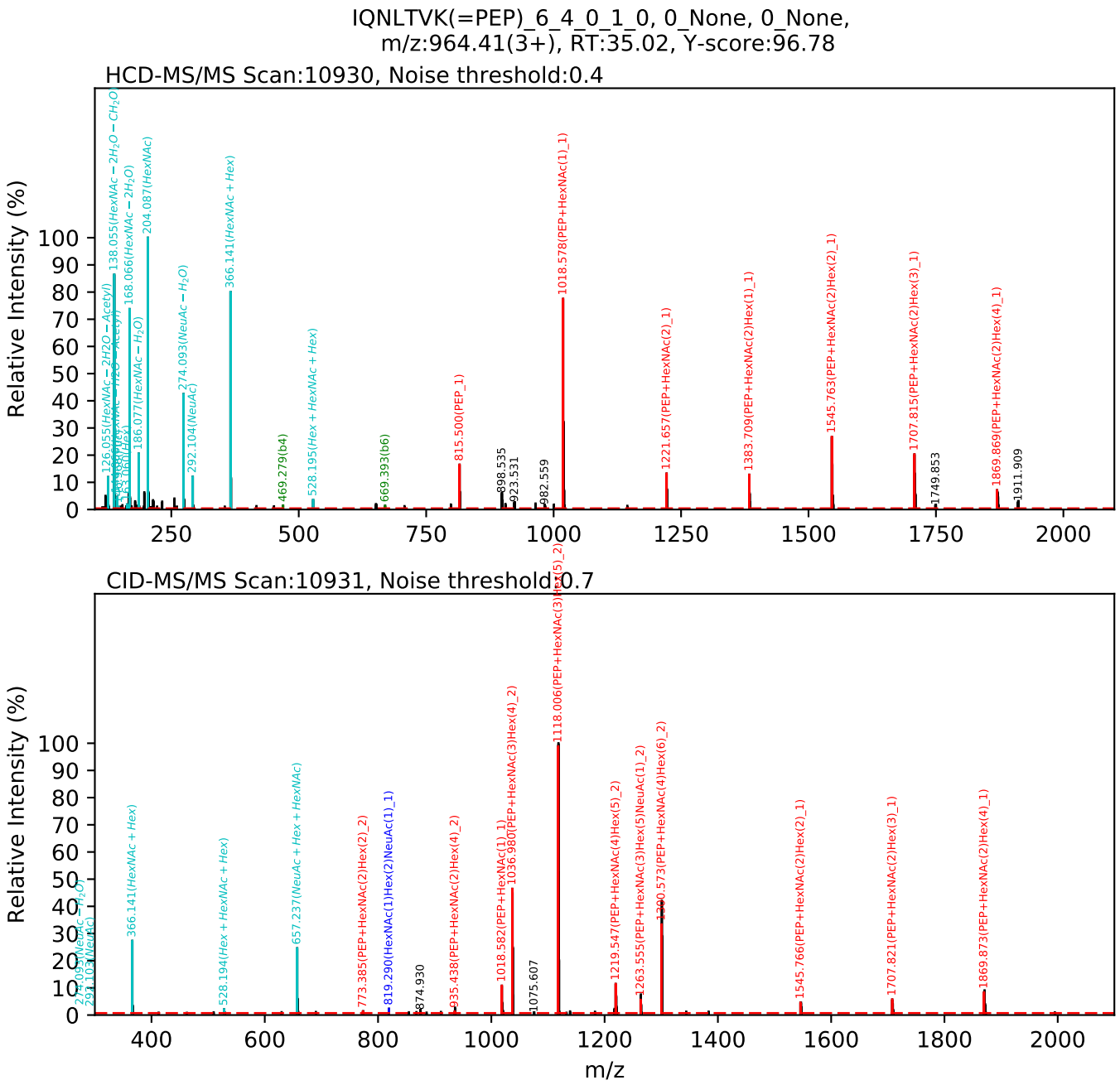

IQNLTVK(=PEP)_6_3_1_0_0, 0_None, 0_None,
m/z:1272.06(2+), RT:26.88, Y-score:90.84
HCD-MS/MS Scan:6883, Noise threshold:0.6
CID-MS/MS Scan:6884, Noise threshold:1.2
ETD-MS/MS Scan:6885, Noise threshold:0.5
Relative Intensity (%)
m/z

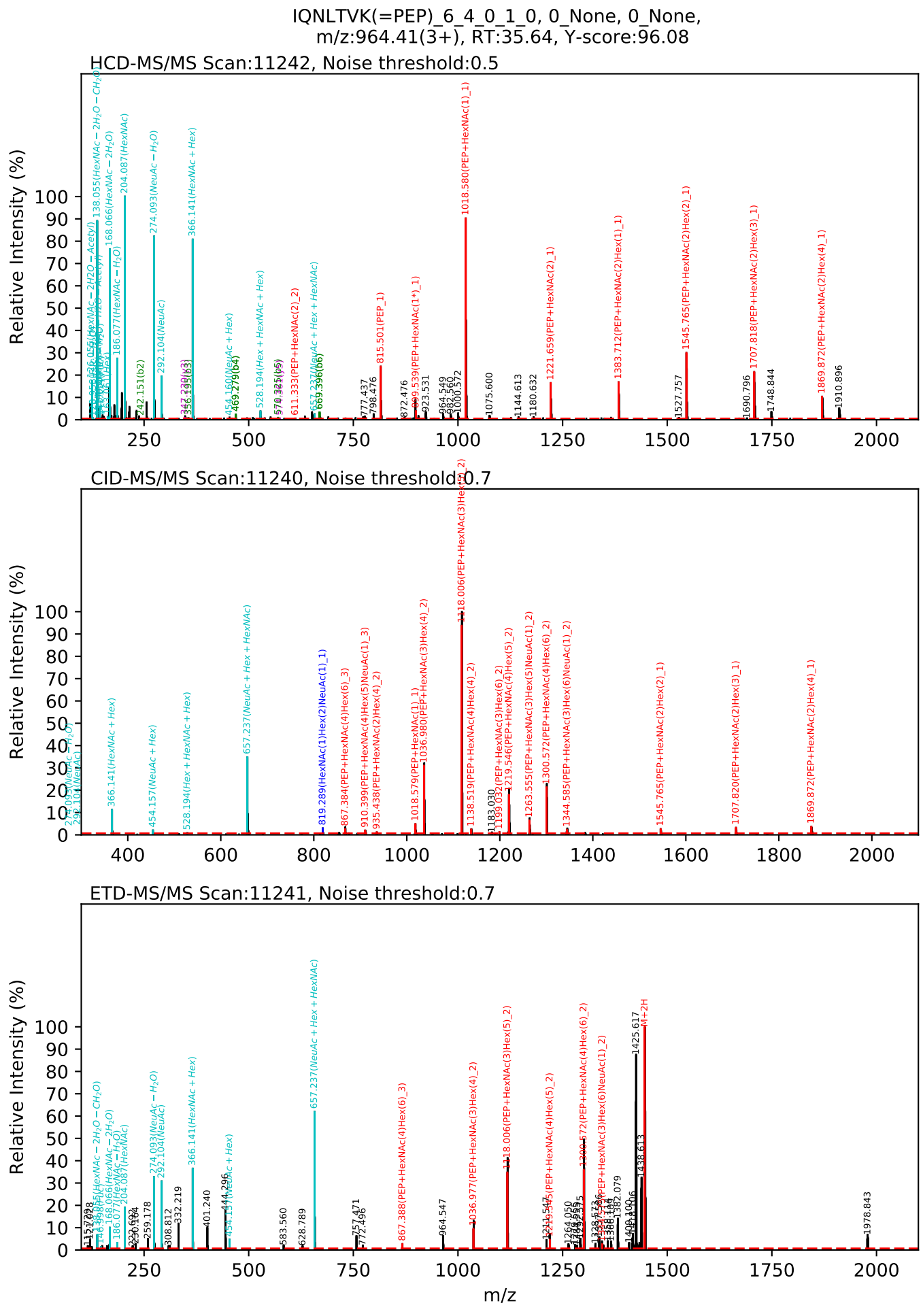

IQNLTVK(=PEP)_6_4_0_0_0_0, 0_None, 0_None,
m/z:867.38(3+), RT:25.99, Y-score:96.33
HCD-MS/MS Scan:6433, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
347.230(y3)
366.141(HexNAc + Hex)
469.278(b4)
528.195(Hex + HexNAc + Hex)
570.324(b5)
669.396(b6)
815.501(PEP_1)
899.540(PEP+HexNAc(1*)_1)
922.538
1000.572
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)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1869.872(PEP+HexNAc(2)Hex(4)_1)
CID-MS/MS Scan:6434, Noise threshold:0.5
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
759.350(PEP+HexNAc(4)Hex(4)_3)
813.368(PEP+HexNAc(4)Hex(5)_3)
956.455
1018.577(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1118.007(PEP+HexNAc(3)Hex(5)_2)
1199.035(PEP+HexNAc(3)Hex(6)_2)
1218.441
1707.822(PEP+HexNAc(2)Hex(3)_1)
1869.875(PEP+HexNAc(2)Hex(4)_1)
ETD-MS/MS Scan:6435, Noise threshold:1.0
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − CH2O)
150.108
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
219.421
274.316
279.178
332.221
354.464
366.142(HexNAc + Hex)
401.242
444.296
474.577
623.853
645.823
757.477
M+3H
1036.984(PEP+HexNAc(3)Hex(4)_2)
1104.963
1172.008
1211.551
1236.534
1272.070
1293.071
1280.076
M+2H
m/z

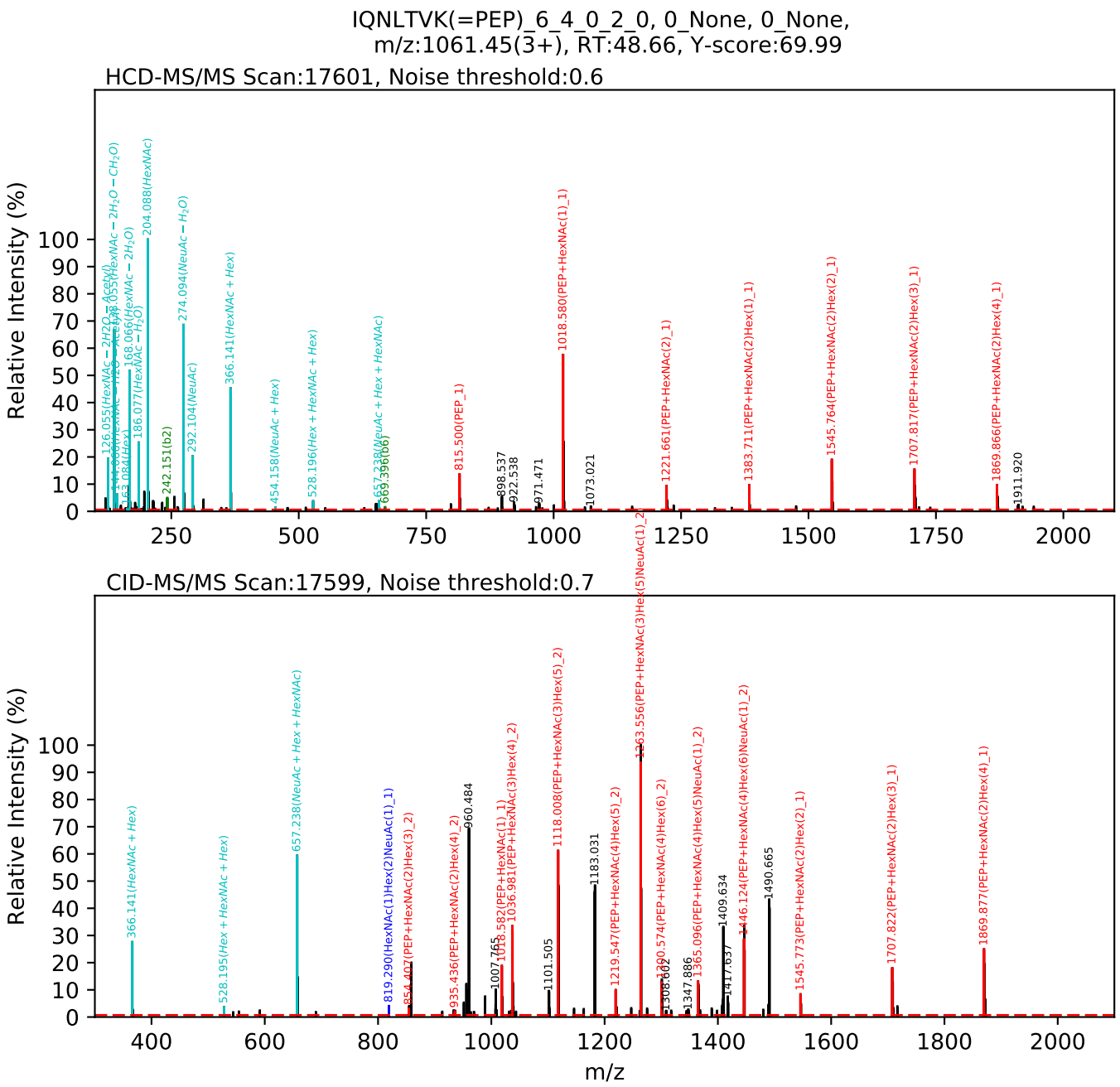

IQNLTVK(=PEP)_6_4_0_0_0, 0_None, 0_None,
m/z:1300.57(2+), RT:25.97, Y-score:81.13
HCD-MS/MS Scan:6426, Noise threshold:0.8
CID-MS/MS Scan:6427, Noise threshold:0.9
ETD-MS/MS Scan:6428, Noise threshold:1.2
Relative Intensity (%)
m/z

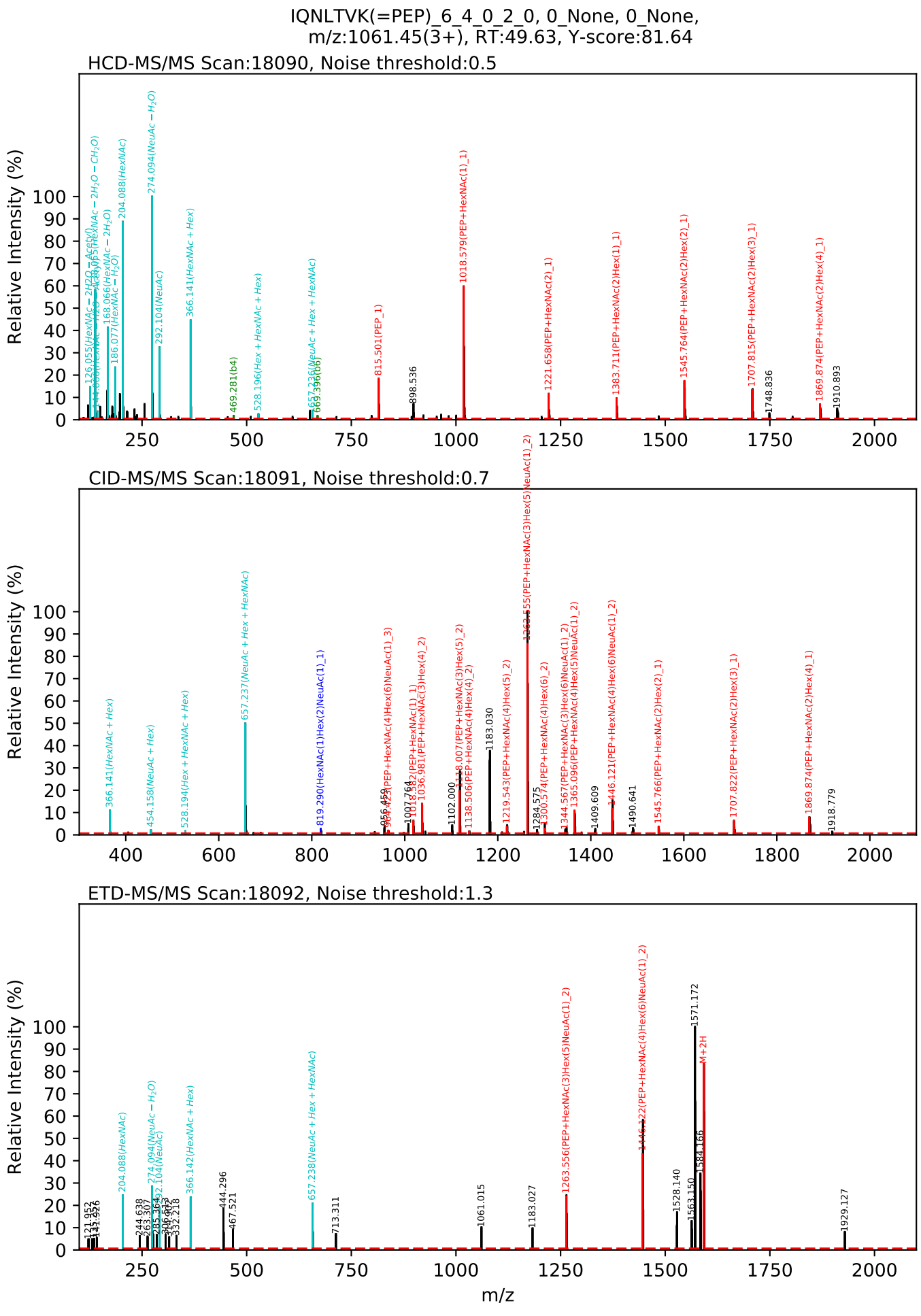

IQNLTVK(=PEP)_6_4_0_1_0, 0_None, 0_None,
m/z:1446.12(2+), RT:35.74, Y-score:82.62
HCD-MS/MS Scan:11291, Noise threshold:0.7
CID-MS/MS Scan:11292, Noise threshold:0.7
ETD-MS/MS Scan:11293, Noise threshold:1.4
Relative Intensity (%)
m/z

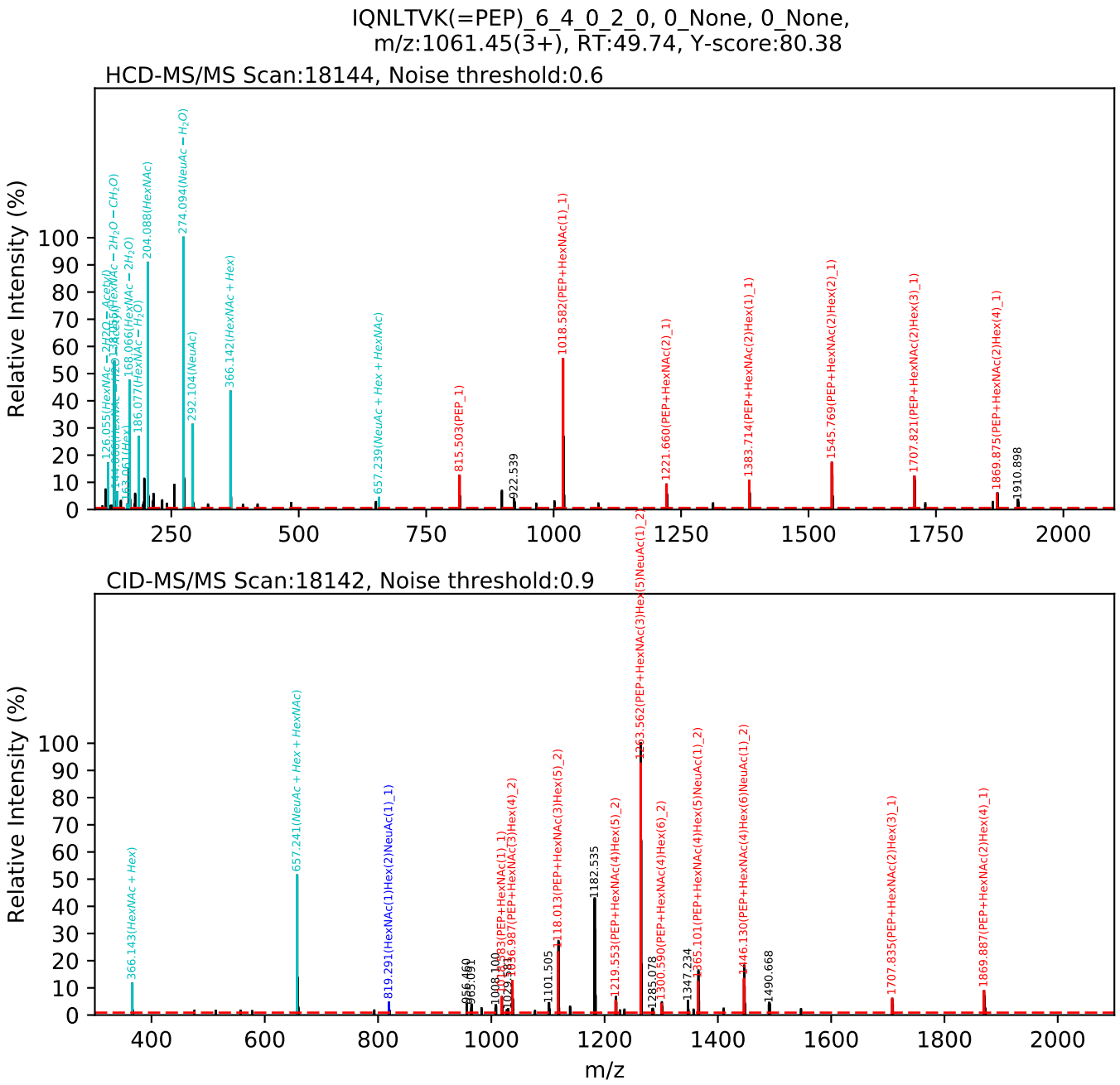

IQNLTVK(=PEP)_6_4_0_1_0, 0_None, 0_None,
m/z:1446.12(2+), RT:35.10, Y-score:83.40
HCD-MS/MS Scan:10969, Noise threshold:0.5
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
242.151(b2)
274.094(NeuAc − H2O)
292.104(NeuAc)
356.194(b3)
366.141(HexNAc + Hex)
469.279(b4)
528.195(Hex + HexNAc + Hex)
570.327(b5)
669.396(b6)
798.478
815.501(PEP_1)
923.525
1018.580(PEP+HexNAc(1)_1)
1180.633
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1749.842
1869.867(PEP+HexNAc(2)Hex(4)_1)
1910.891
CID-MS/MS Scan:10970, Noise threshold:0.9
Relative Intensity (%)
451.832
528.195(Hex + HexNAc + Hex)
657.241(NeuAc + Hex + HexNAc)
819.293(HexNAc(1)Hex(2)NeuAc(1)_1)
854.414(PEP+HexNAc(2)Hex(3)_2)
894.331
955.958
1018.586(PEP+HexNAc(1)_1)
1036.985(PEP+HexNAc(3)Hex(4)_2)
1109.520
1118.013(PEP+HexNAc(3)Hex(5)_2)
1138.523(PEP+HexNAc(4)Hex(4)_2)
1190.046
1263.563(PEP+HexNAc(3)Hex(5)NeuAc(1)_2)
1300.580(PEP+HexNAc(4)Hex(6)_2)
1344.103
1365.103(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1383.718(PEP+HexNAc(2)Hex(1)_1)
1412.271
1545.779(PEP+HexNAc(2)Hex(2)_1)
1707.829(PEP+HexNAc(2)Hex(3)_1)
1851.901
1869.889(PEP+HexNAc(2)Hex(4)_1)
1910.912
m/z

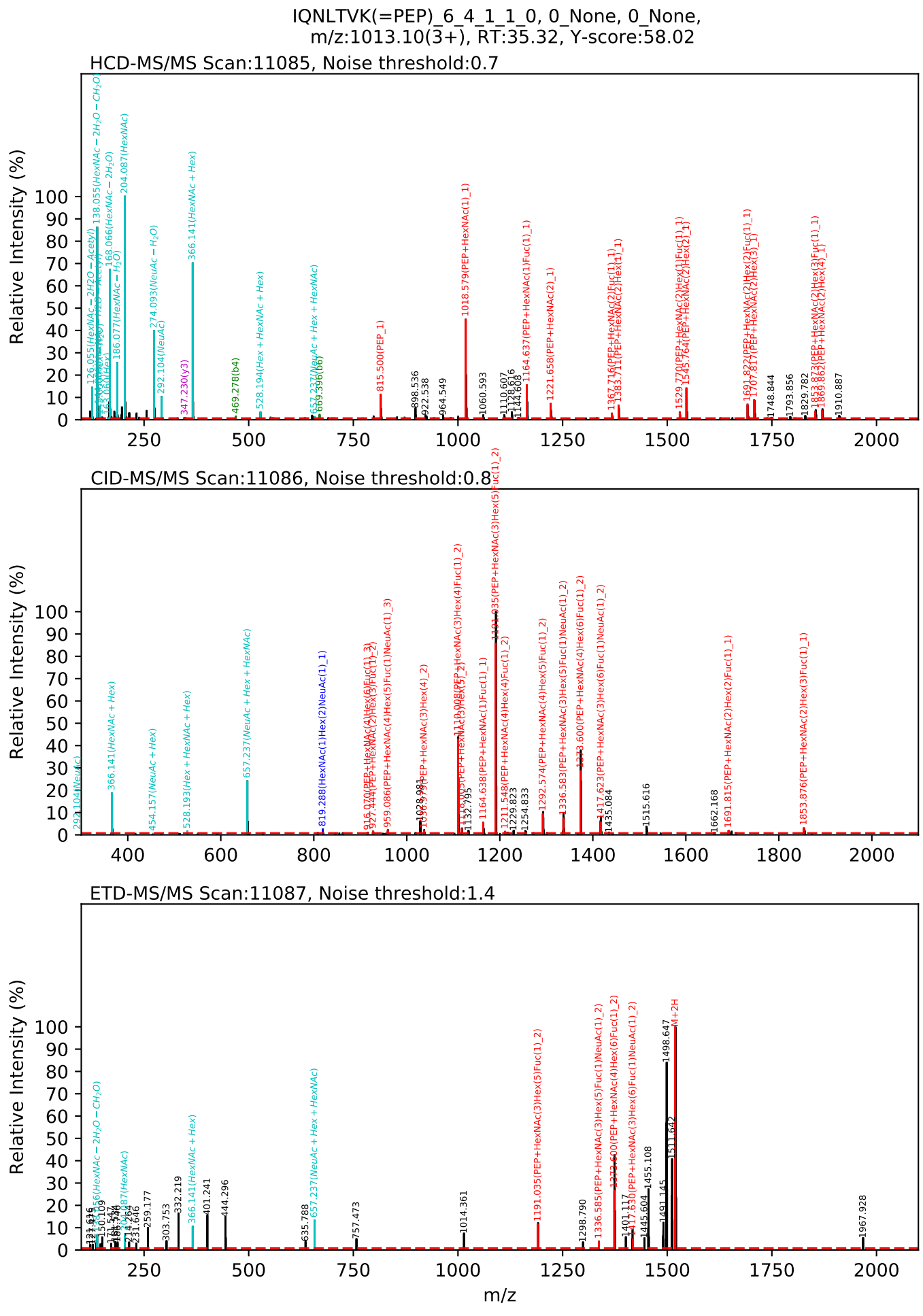

IQNLTVK(=PEP)_6_4_0_1_0, 0_None, 0_None,
m/z:964.41(3+), RT:35.02, Y-score:96.78
HCD-MS/MS Scan:10930, Noise threshold:0.4
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − CH2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.279(b4)
528.195(Hex + HexNAc + Hex)
669.393(b6)
815.500(PEP_1)
898.535
923.531
982.559
1018.578(PEP+HexNAc(1)_1)
1221.657(PEP+HexNAc(2)_1)
1383.709(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.815(PEP+HexNAc(2)Hex(3)_1)
1749.853
1869.869(PEP+HexNAc(2)Hex(4)_1)
1911.909
CID-MS/MS Scan:10931, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
773.385(PEP+HexNAc(2)Hex(2)_2)
819.290(HexNAc(1)Hex(2)NeuAc(1)_1)
874.930
935.438(PEP+HexNAc(2)Hex(4)_2)
1018.582(PEP+HexNAc(1)_1)
1036.980(PEP+HexNAc(3)Hex(4)_2)
1075.607
1118.006(PEP+HexNAc(3)Hex(5)_2)
1219.547(PEP+HexNAc(4)Hex(5)_2)
1263.555(PEP+HexNAc(3)Hex(5)NeuAc(1)_2)
1290.573(PEP+HexNAc(4)Hex(6)_2)
1545.766(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1869.873(PEP+HexNAc(2)Hex(4)_1)
m/z

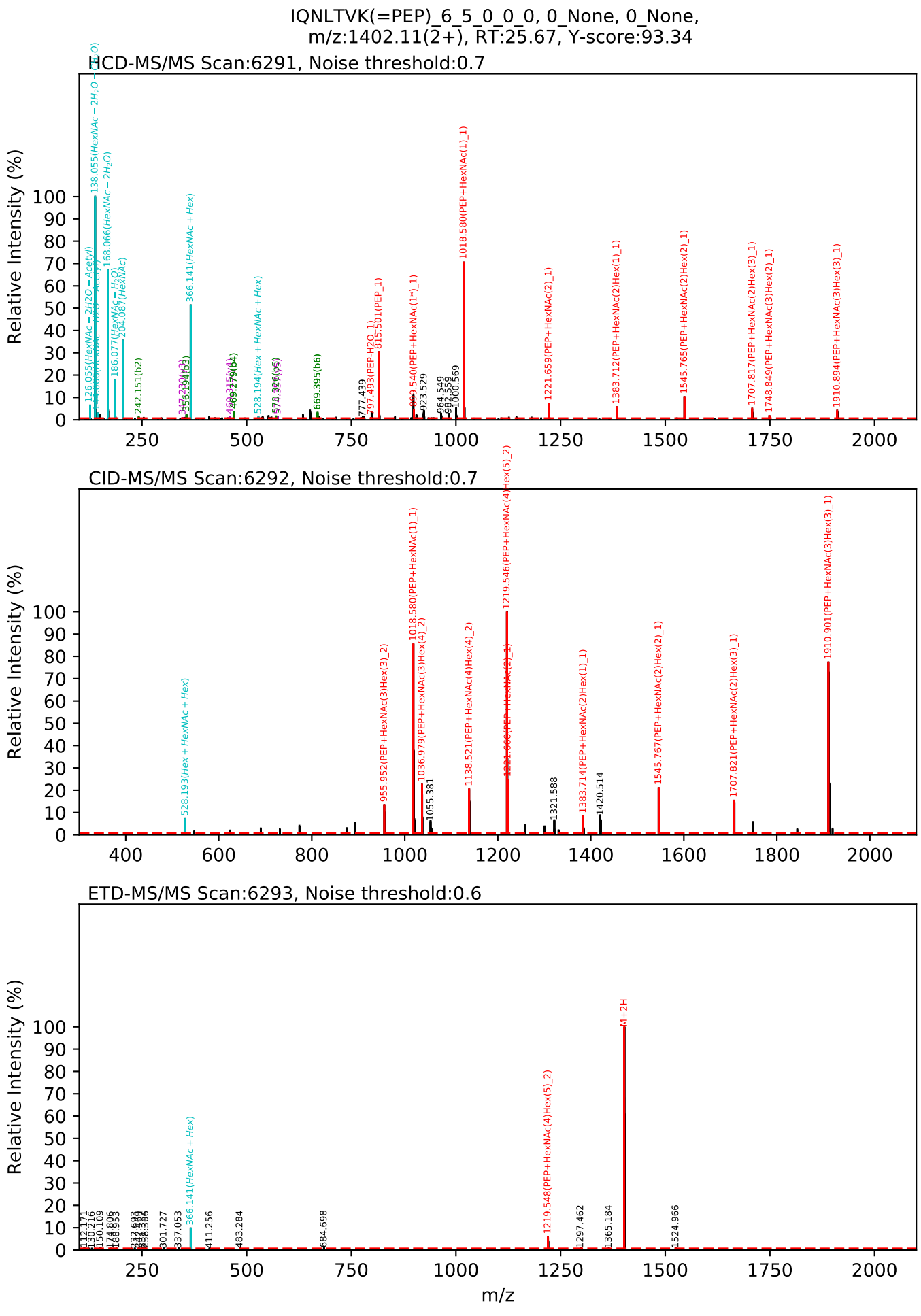

IQNLTVK(=PEP)_6_4_0_1_0, 0_None, 0_None,
m/z:964.41(3+), RT:35.64, Y-score:96.08
HCD-MS/MS Scan:11242, Noise threshold:0.5
CID-MS/MS Scan:11240, Noise threshold:0.7
ETD-MS/MS Scan:11241, Noise threshold:0.7
Relative Intensity (%)
m/z

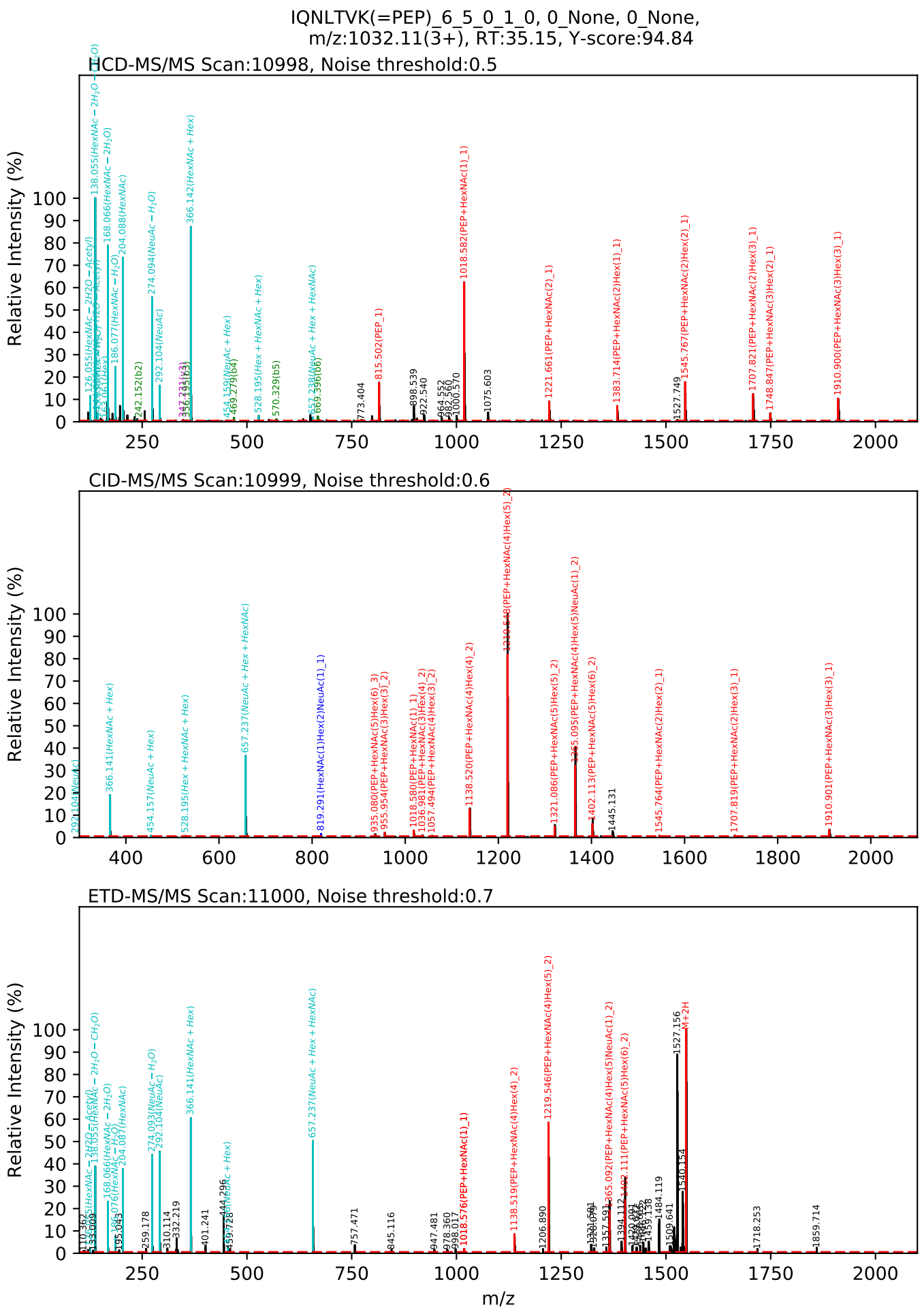

IQNLTVK(=PEP)_6_4_0_2_0, 0_None, 0_None,
m/z:1061.45(3+), RT:48.66, Y-score:69.99
HCD-MS/MS Scan:17601, Noise threshold:0.6
Relative Intensity (%)
242.151(b2)
292.104(NeuAc)
366.141(HexNAc + Hex)
454.158(NeuAc + Hex)
528.196(Hex + HexNAc + Hex)
669.396(b6)
815.500(PEP_1)
898.537
922.538
971.471
1073.021
1221.661(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)
1869.866(PEP+HexNAc(2)Hex(4)_1)
1911.920
CID-MS/MS Scan:17599, Noise threshold:0.7
Relative Intensity (%)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
657.238(NeuAc + Hex + HexNAc)
819.290(HexNAc(1)Hex(2)NeuAc(1)_1)
854.407(PEP+HexNAc(2)Hex(3)_2)
935.436(PEP+HexNAc(2)Hex(4)_2)
960.484
1007.765
1018.582(PEP+HexNAc(1)_1)
1036.981(PEP+HexNAc(3)Hex(4)_2)
1101.505
1118.008(PEP+HexNAc(3)Hex(5)_2)
1183.031
1219.547(PEP+HexNAc(4)Hex(5)_2)
1263.556(PEP+HexNAc(3)Hex(5)NeuAc(1)_2)
1300.574(PEP+HexNAc(4)Hex(6)_2)
1308.602
1347.886
1365.096(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1409.634
1417.637
1446.124(PEP+HexNAc(4)Hex(6)NeuAc(1)_2)
1490.665
1545.773(PEP+HexNAc(2)Hex(2)_1)
1707.822(PEP+HexNAc(2)Hex(3)_1)
1869.877(PEP+HexNAc(2)Hex(4)_1)
m/z

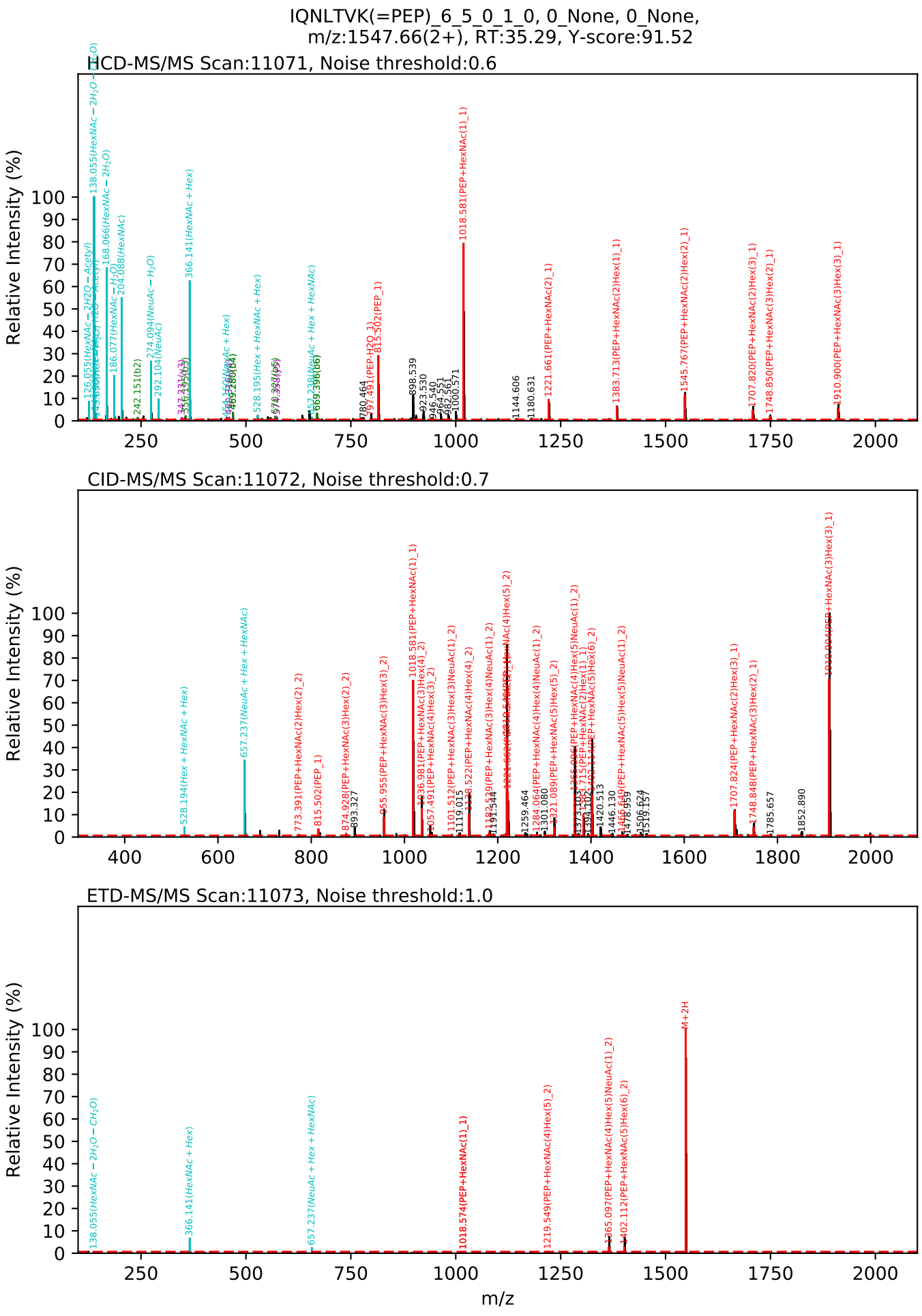

IQNLTVK(=PEP)_6_4_0_2_0, 0_None, 0_None,
m/z:1061.45(3+), RT:49.63, Y-score:81.64
HCD-MS/MS Scan:18090, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:18091, Noise threshold:0.7
Relative Intensity (%)
ETD-MS/MS Scan:18092, Noise threshold:1.3
Relative Intensity (%)
m/z

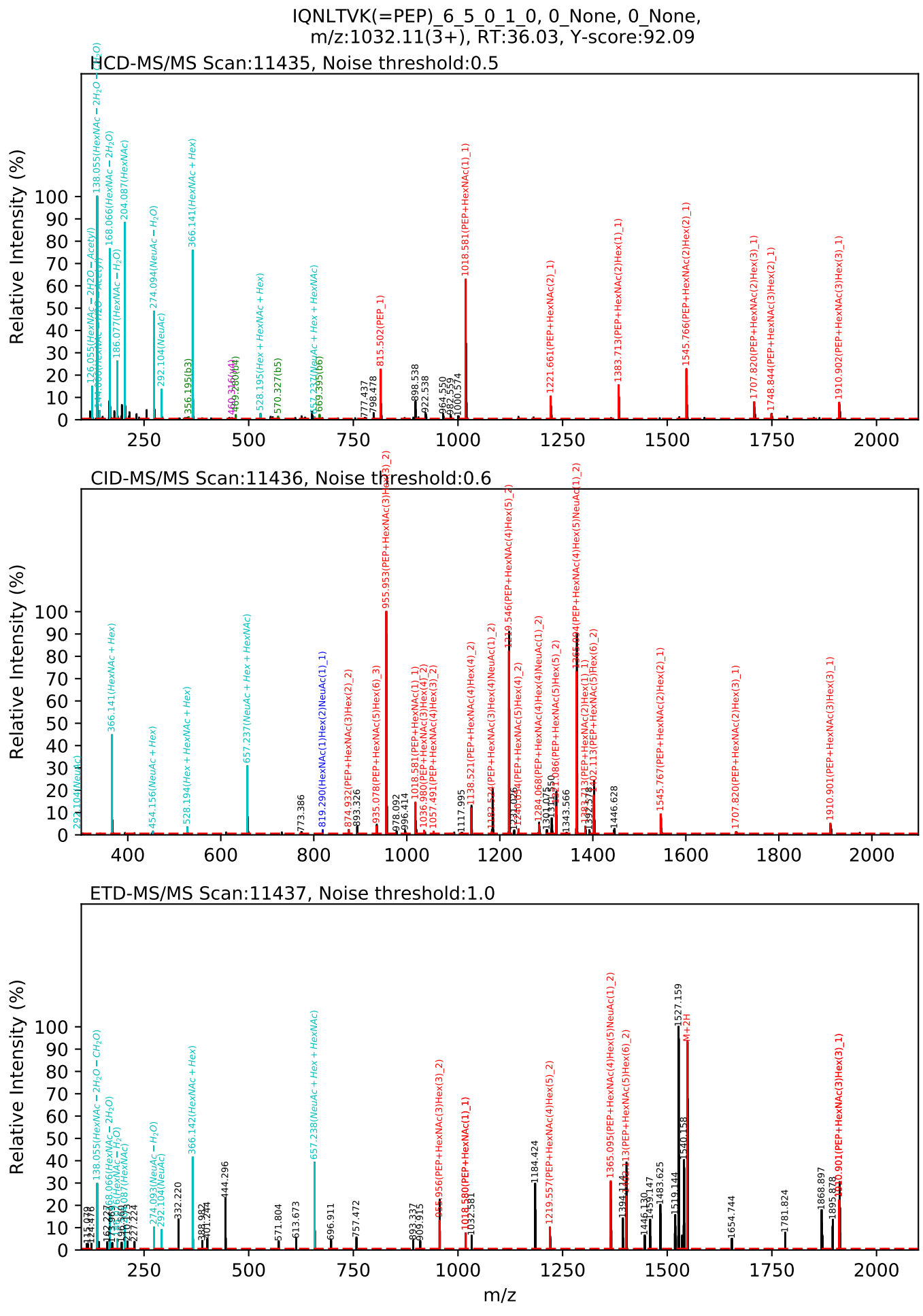

IQNLTVK(=PEP)_6_4_0_2_0, 0_None, 0_None,
m/z:1061.45(3+), RT:49.74, Y-score:80.38
HCD-MS/MS Scan:18144, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − CH2O)
138.055(HexNAc − 2H2O)
144.065(HexNAc − H2O − CH2O)
163.061(Hex)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.088(HexNAc)
274.094(NeuAc − H2O)
292.104(NeuAc)
366.142(HexNAc + Hex)
657.239(NeuAc + Hex + HexNAc)
815.503(PEP_1)
922.539
1018.582(PEP+HexNAc(1)_1)
1221.660(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.769(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1869.875(PEP+HexNAc(2)Hex(4)_1)
1910.898
CID-MS/MS Scan:18142, Noise threshold:0.9
Relative Intensity (%)
366.143(HexNAc + Hex)
657.241(NeuAc + Hex + HexNAc)
819.291(HexNAc(1)Hex(2)NeuAc(1)_1)
956.460
968.391
1008.100
1029.583(PEP+HexNAc(1)_1)
1036.987(PEP+HexNAc(3)Hex(4)_2)
1101.505
1118.013(PEP+HexNAc(3)Hex(5)_2)
1182.535
1219.553(PEP+HexNAc(4)Hex(5)_2)
1263.562(PEP+HexNAc(3)Hex(5)NeuAc(1)_2)
1285.078
1300.590(PEP+HexNAc(4)Hex(6)_2)
1347.234
1365.101(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1446.130(PEP+HexNAc(4)Hex(6)NeuAc(1)_2)
1490.668
1707.835(PEP+HexNAc(2)Hex(3)_1)
1869.887(PEP+HexNAc(2)Hex(4)_1)
m/z

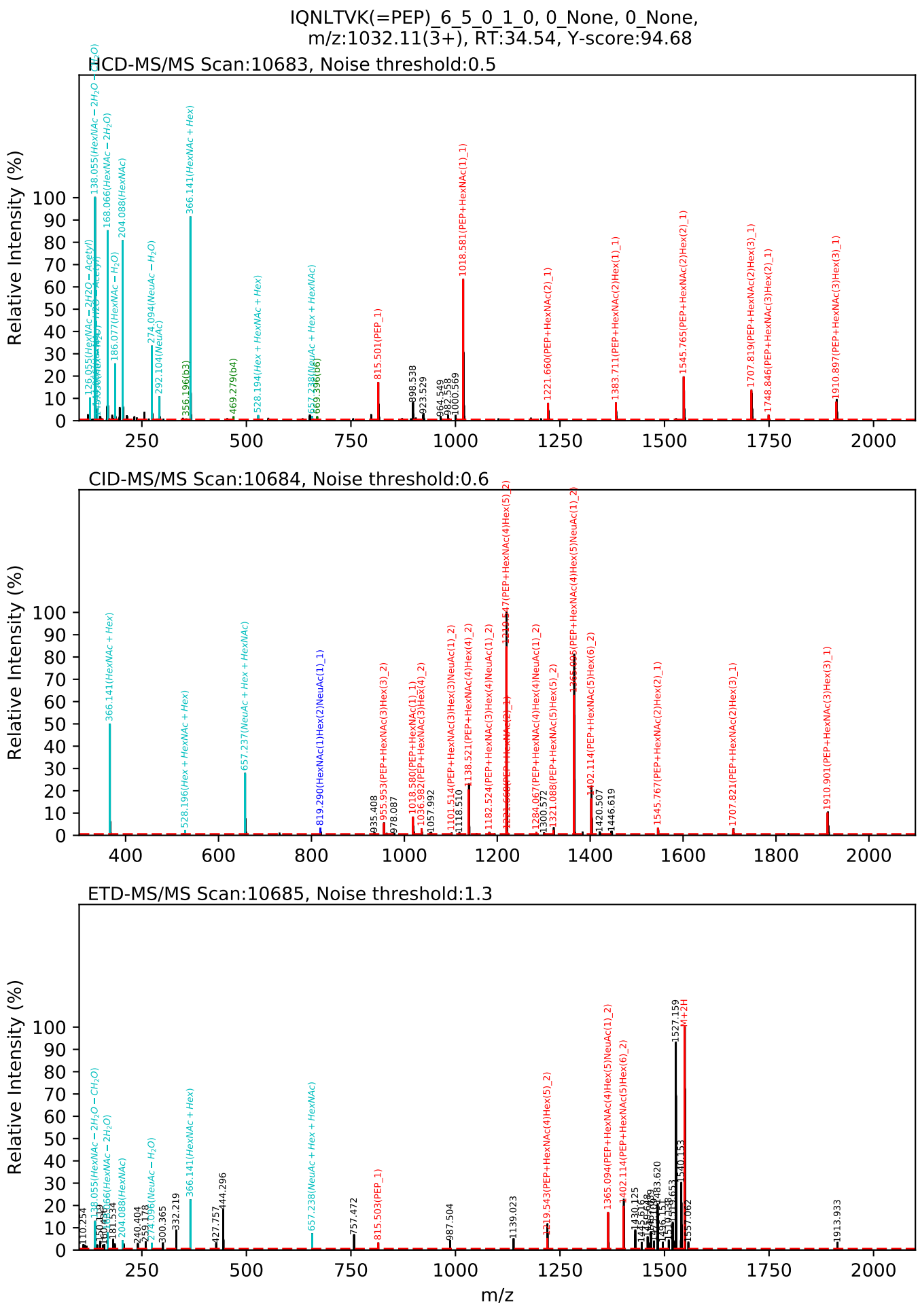

IQNLTVK(=PEP)_6_4_1_1_0, 0_None, 0_None,
m/z:1013.10(3+), RT:35.32, Y-score:58.02
HCD-MS/MS Scan:11085, Noise threshold:0.7
CID-MS/MS Scan:11086, Noise threshold:0.8
ETD-MS/MS Scan:11087, Noise threshold:1.4
Relative Intensity (%)
m/z

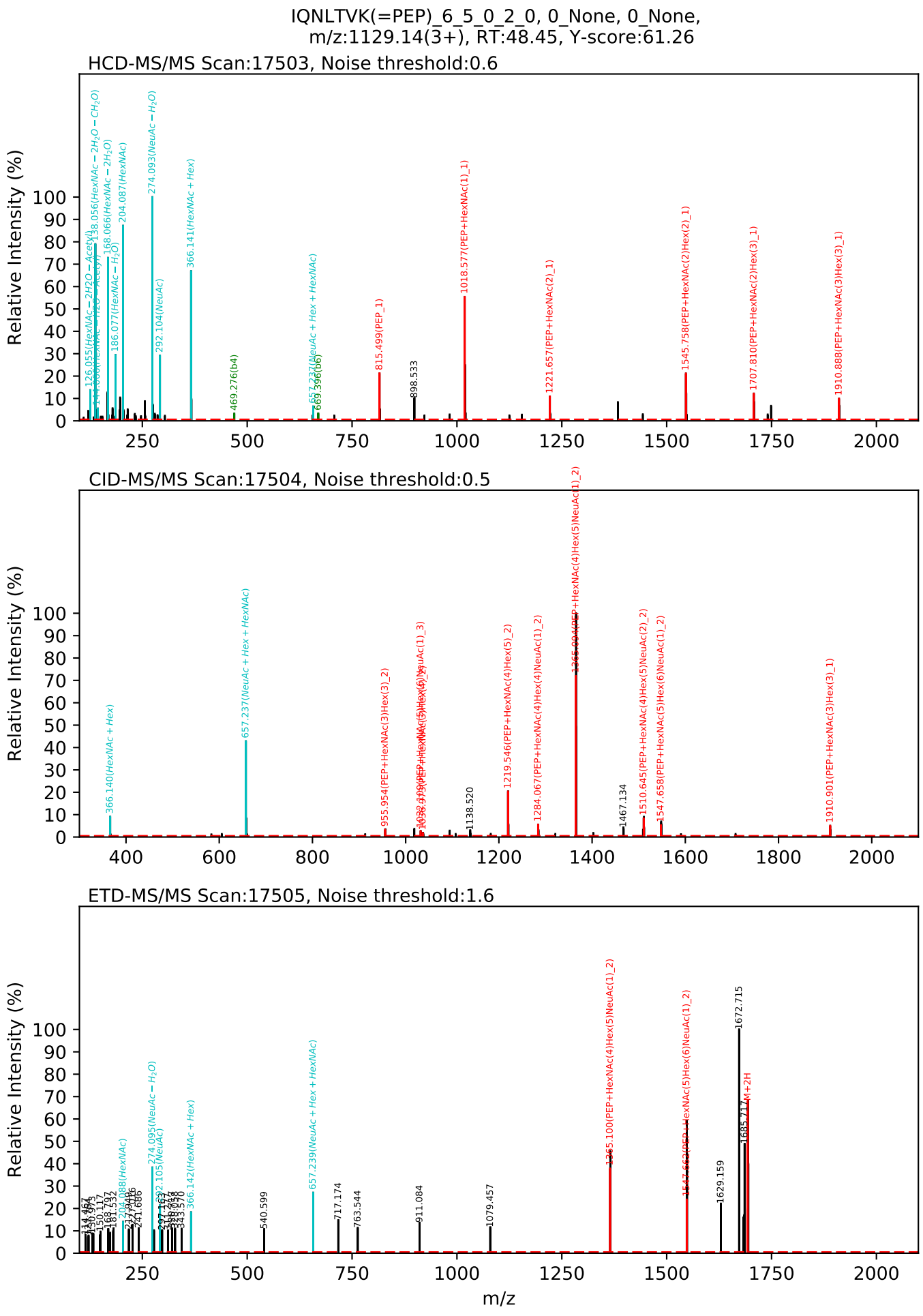

IQNLTVK(=PEP)_6_5_0_0_0, 0_None, 0_None,
m/z:1402.11(2+), RT:25.67, Y-score:93.34
HCD-MS/MS Scan:6291, Noise threshold:0.7
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
242.151(b2)
347.230(b3)
366.141(HexNAc + Hex)
528.194(Hex + HexNAc + Hex)
669.395(b6)
777.439
797.493(PEP-H2O_1)
815.501(PEP_1)
923.529
1000.569
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)
1707.817(PEP+HexNAc(2)Hex(3)_1)
1748.849(PEP+HexNAc(3)Hex(2)_1)
1910.894(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:6292, Noise threshold:0.7
Relative Intensity (%)
528.193(Hex + HexNAc + Hex)
955.952(PEP+HexNAc(3)Hex(3)_2)
1018.580(PEP+HexNAc(1)_1)
1036.979(PEP+HexNAc(3)Hex(4)_2)
1055.381
1138.521(PEP+HexNAc(4)Hex(4)_2)
1219.546(PEP+HexNAc(4)Hex(5)_2)
1321.588
1383.714(PEP+HexNAc(2)Hex(1)_1)
1420.514
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
1910.901(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:6293, Noise threshold:0.6
Relative Intensity (%)
366.141(HexNAc + Hex)
411.256
483.284
684.698
1219.548(PEP+HexNAc(4)Hex(5)_2)
M+2H
1297.462
1365.184
1524.966
m/z

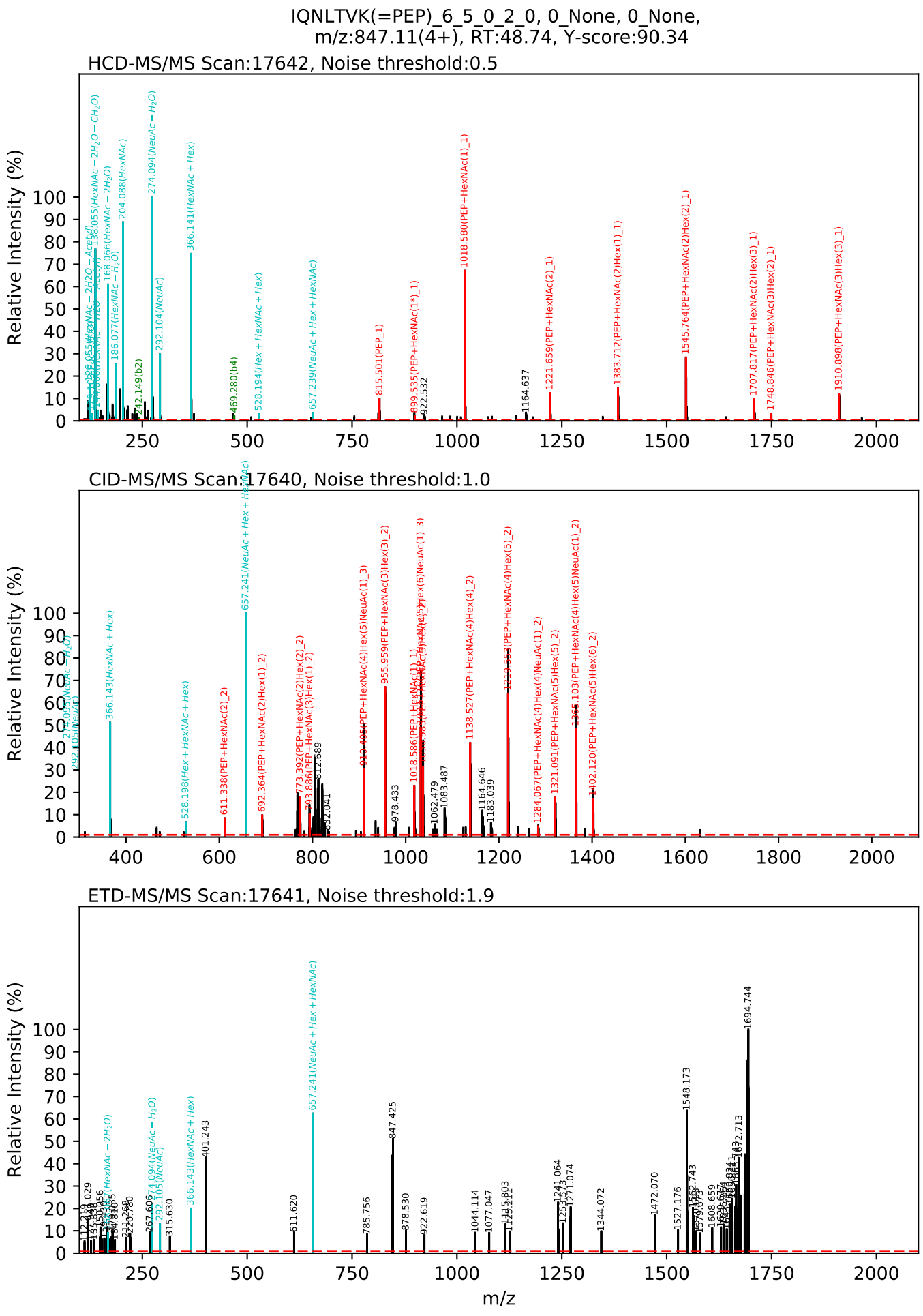

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1032.11(3+), RT:35.15, Y-score:94.84
HCD-MS/MS Scan:10998, Noise threshold:0.5
CID-MS/MS Scan:10999, Noise threshold:0.6
ETD-MS/MS Scan:11000, Noise threshold:0.7
Relative Intensity (%)
m/z

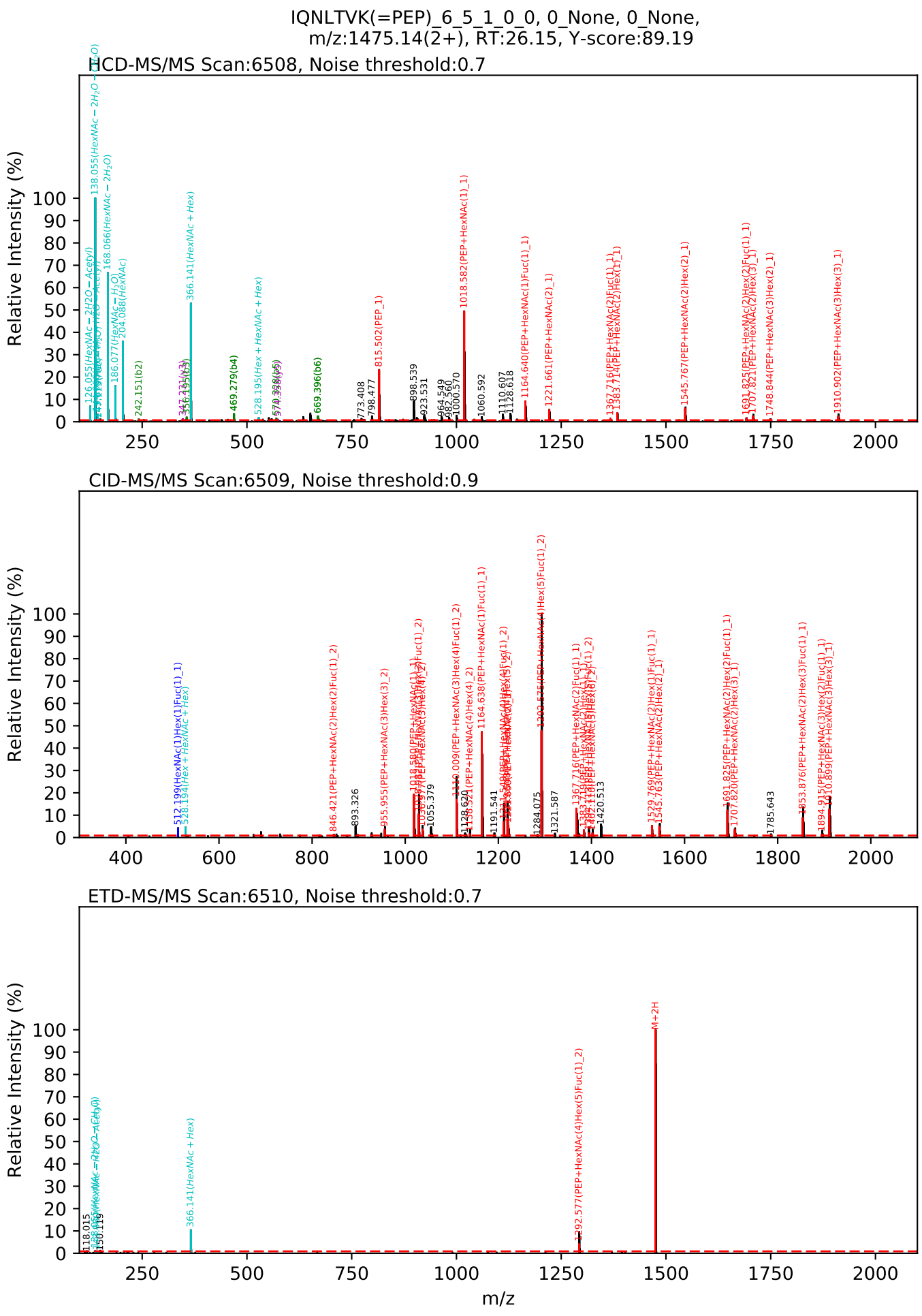

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1547.66(2+), RT:35.29, Y-score:91.52
HCD-MS/MS Scan:11071, Noise threshold:0.6
CID-MS/MS Scan:11072, Noise threshold:0.7
ETD-MS/MS Scan:11073, Noise threshold:1.0
Relative Intensity (%)
m/z
M+2H

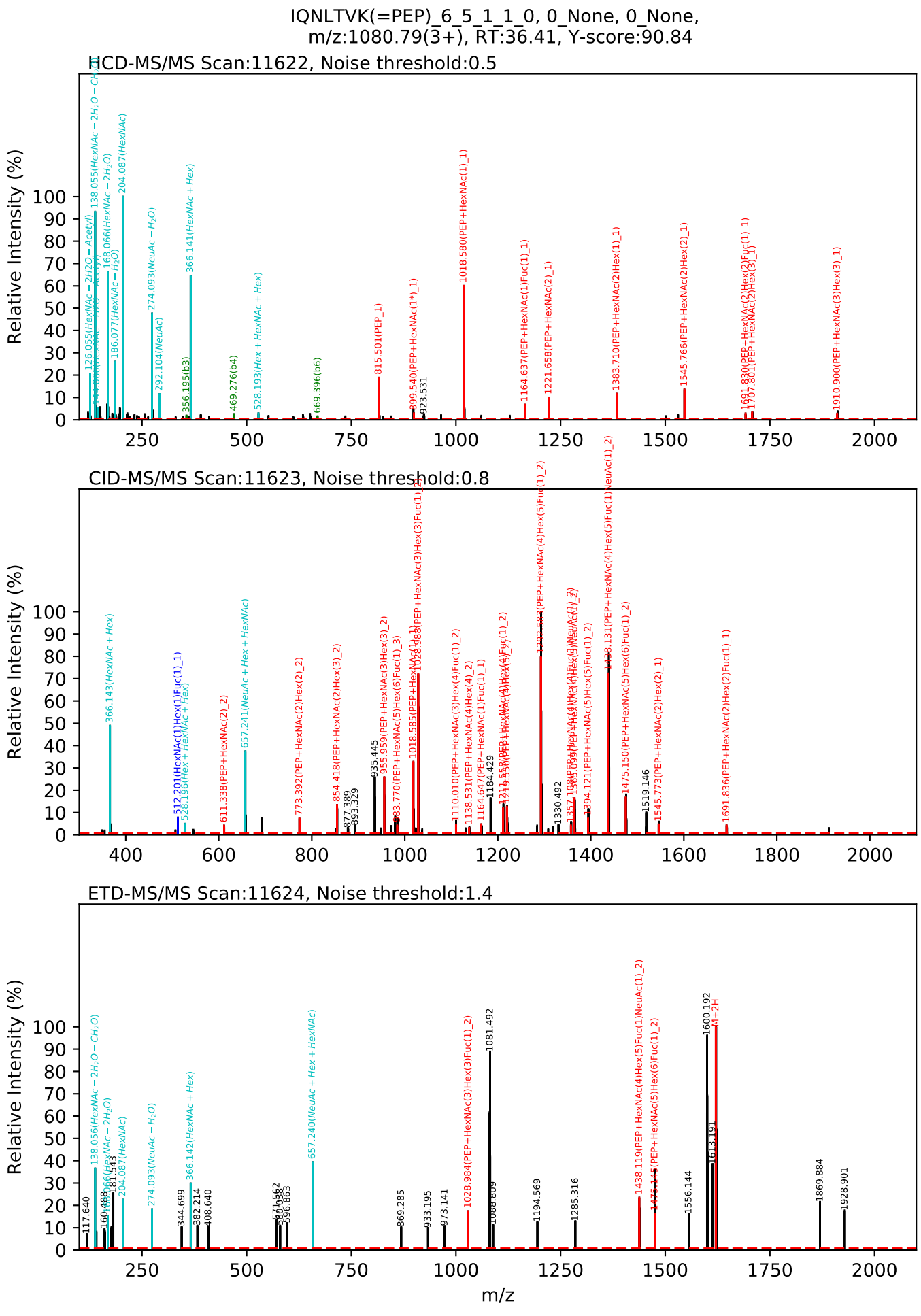

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1032.11(3+), RT:36.03, Y-score:92.09
HCD-MS/MS Scan:11435, Noise threshold:0.5
CID-MS/MS Scan:11436, Noise threshold:0.6
ETD-MS/MS Scan:11437, Noise threshold:1.0
Relative Intensity (%)
m/z

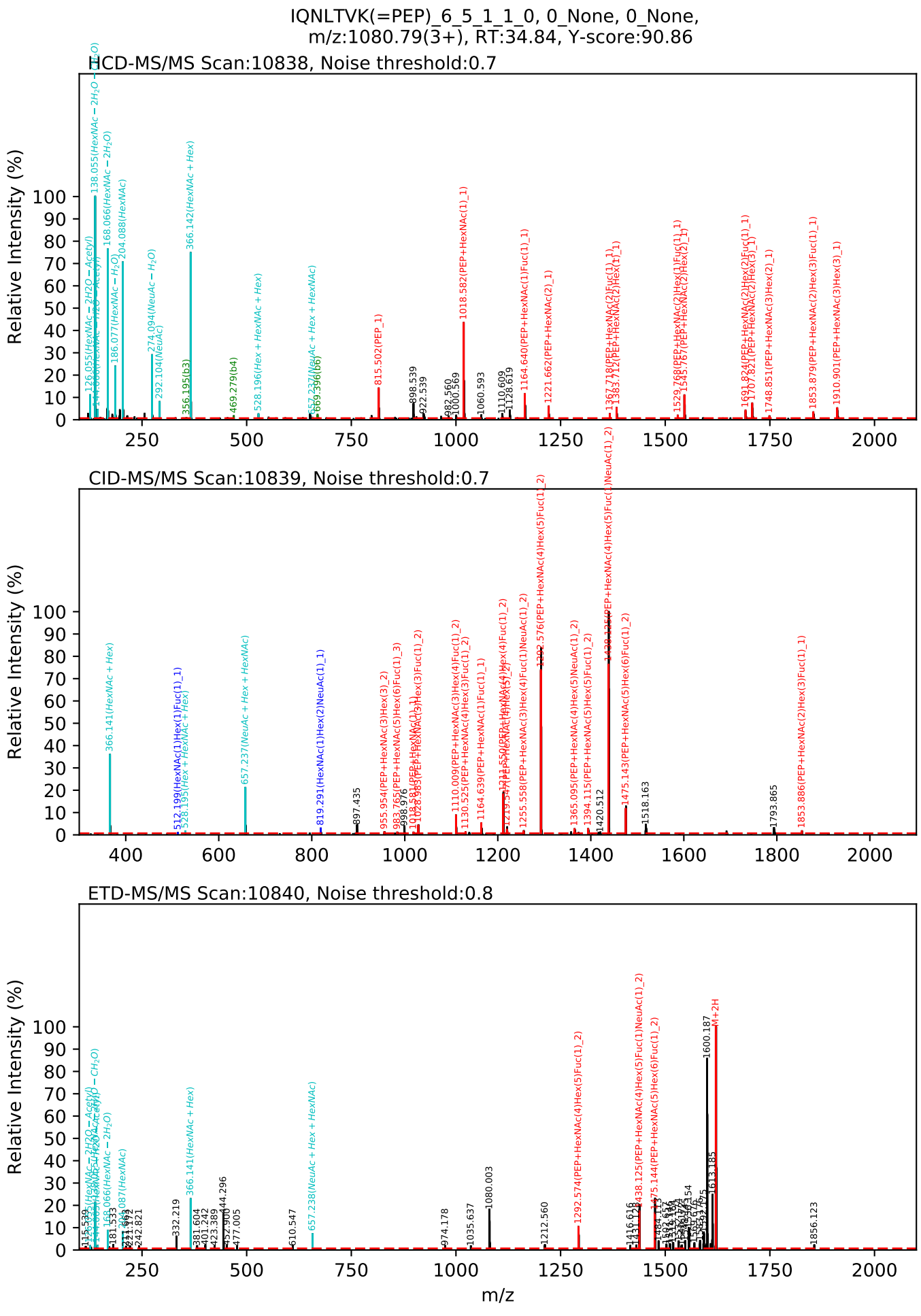

IQNLTVK(=PEP)_6_5_0_1_0, 0_None, 0_None,
m/z:1032.11(3+), RT:34.54, Y-score:94.68
HCD-MS/MS Scan:10683, Noise threshold:0.5
CID-MS/MS Scan:10684, Noise threshold:0.6
ETD-MS/MS Scan:10685, Noise threshold:1.3
Relative Intensity (%)
m/z

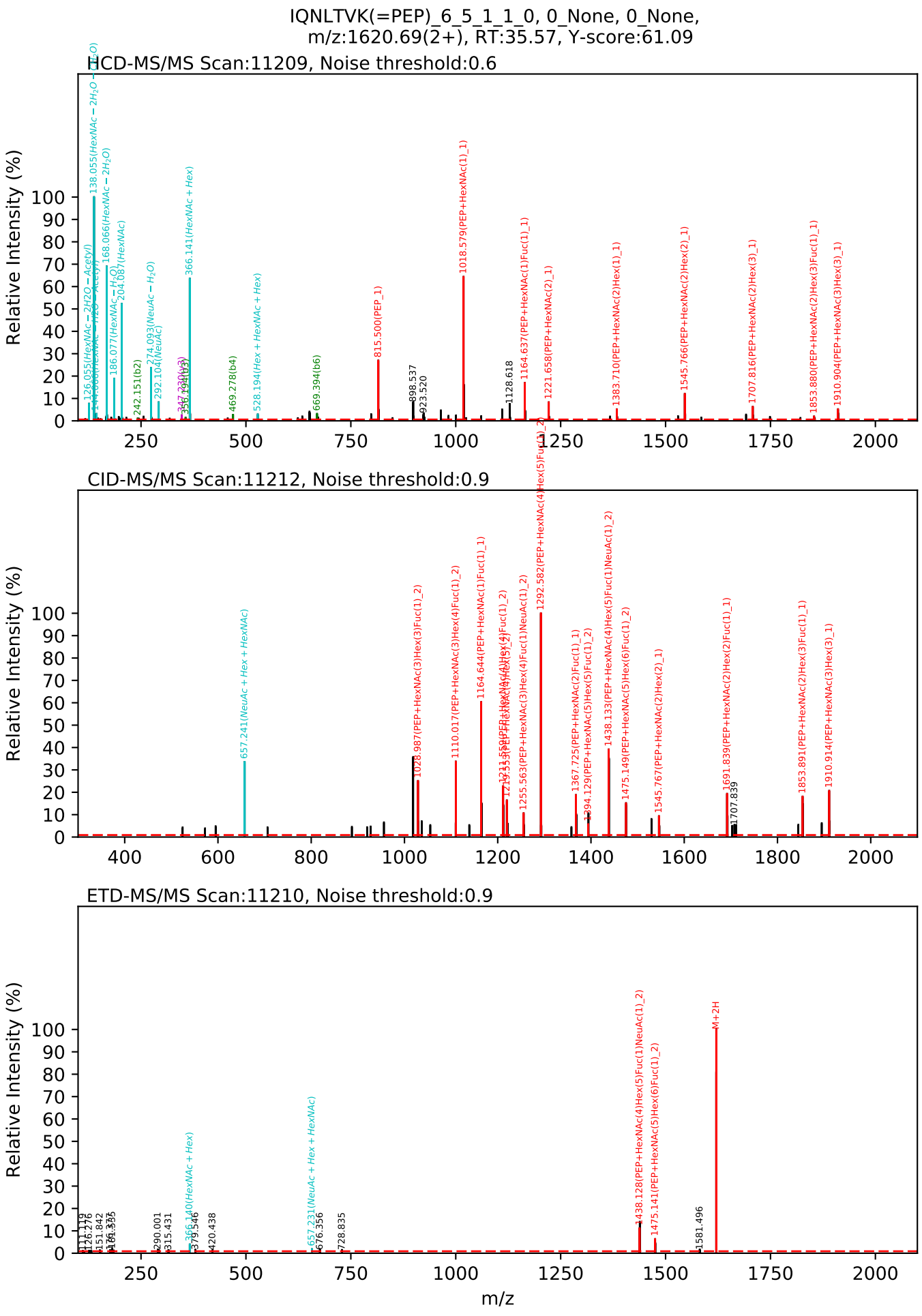

IQNLTVK(=PEP)_6_5_0_2_0, 0_None, 0_None,
m/z:1129.14(3+), RT:48.45, Y-score:61.26
HCD-MS/MS Scan:17503, Noise threshold:0.6
Relative Intensity (%)
126.055(HexNAc − 2H2O − Acetyl)
138.056(HexNAc − 2H2O − CH2O)
144.066(HexNAc − H2O − Acetyl)
168.066(HexNAc − 2H2O)
186.077(HexNAc − H2O)
204.087(HexNAc)
274.093(NeuAc − H2O)
292.104(NeuAc)
366.141(HexNAc + Hex)
469.276(b4)
657.237(NeuAc + Hex + HexNAc)
669.396(b6)
815.499(PEP_1)
998.533
1018.577(PEP+HexNAc(1)_1)
1221.657(PEP+HexNAc(2)_1)
1545.758(PEP+HexNAc(2)Hex(2)_1)
1707.810(PEP+HexNAc(2)Hex(3)_1)
1910.888(PEP+HexNAc(3)Hex(3)_1)
CID-MS/MS Scan:17504, Noise threshold:0.5
Relative Intensity (%)
366.140(HexNAc + Hex)
657.237(NeuAc + Hex + HexNAc)
955.954(PEP+HexNAc(3)Hex(3)_2)
1138.520
1219.546(PEP+HexNAc(4)Hex(5)_2)
1284.067(PEP+HexNAc(4)Hex(4)NeuAc(1)_2)
1467.134
1510.645(PEP+HexNAc(4)Hex(5)NeuAc(2)_2)
1547.658(PEP+HexNAc(5)Hex(6)NeuAc(1)_2)
1910.901(PEP+HexNAc(3)Hex(3)_1)
ETD-MS/MS Scan:17505, Noise threshold:1.6
Relative Intensity (%)
204.088(HexNAc)
274.095(NeuAc − H2O)
292.105(NeuAc)
366.142(HexNAc + Hex)
540.599
657.239(NeuAc + Hex + HexNAc)
717.174
763.544
911.084
1079.457
1465.100(PEP+HexNAc(4)Hex(5)NeuAc(1)_2)
1629.159
1672.715
M+2H
m/z

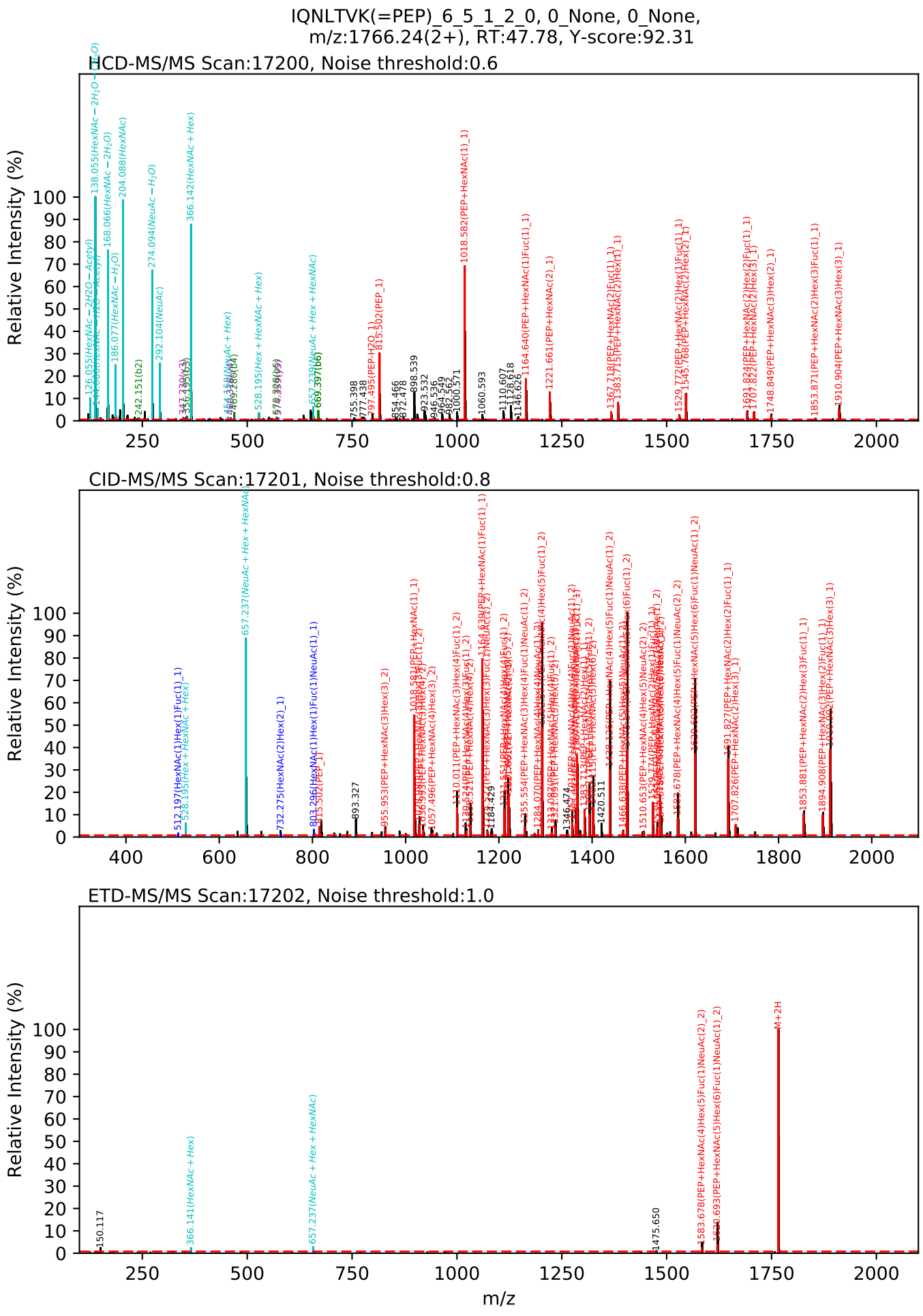

IQNLTVK(=PEP)_6_5_0_2_0, 0_None, 0_None,
m/z:847.11(4+), RT:48.74, Y-score:90.34
HCD-MS/MS Scan:17642, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:17640, Noise threshold:1.0
Relative Intensity (%)
ETD-MS/MS Scan:17641, Noise threshold:1.9
Relative Intensity (%)
m/z

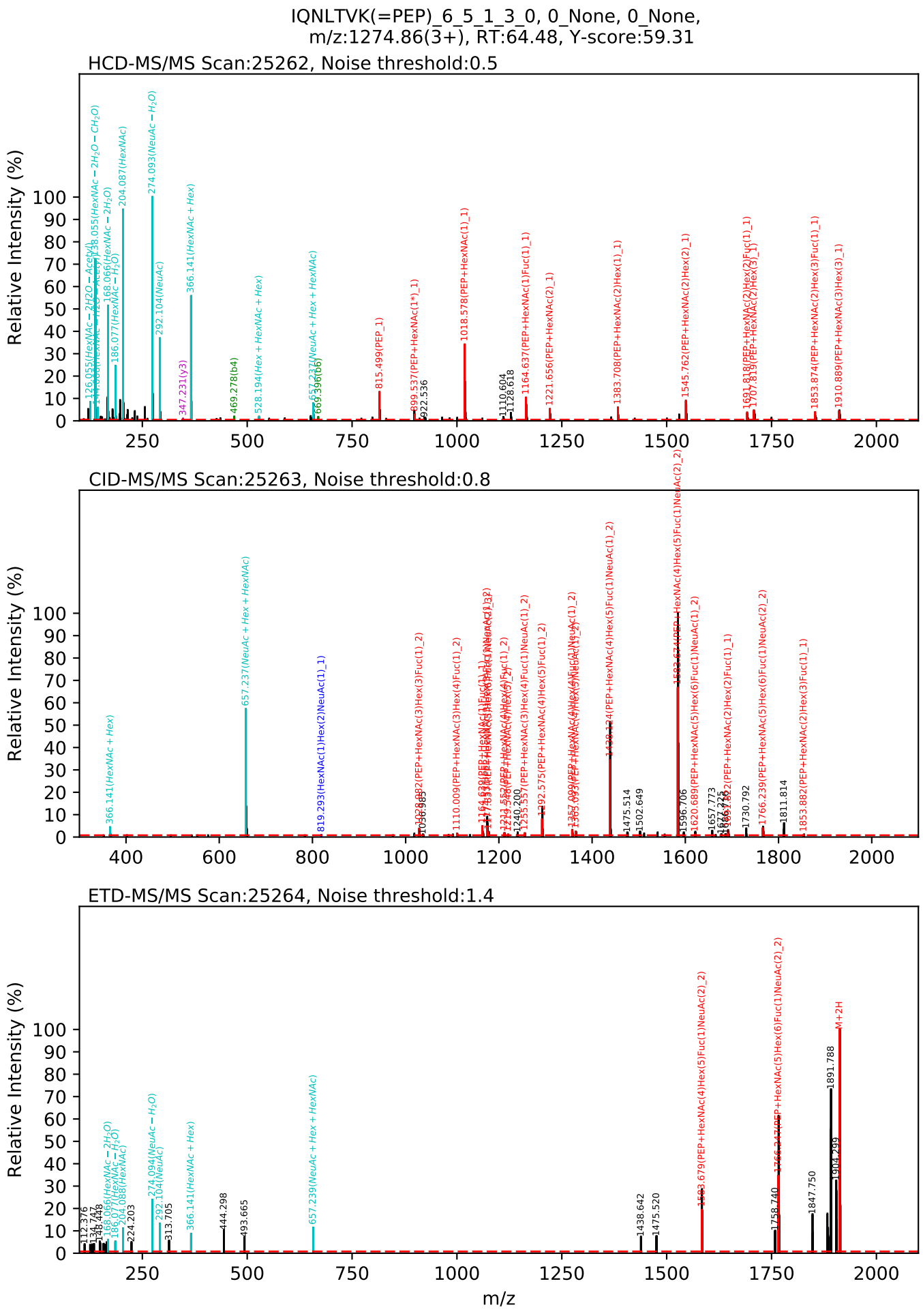

IQNLTVK(=PEP)_6_5_1_0_0, 0_None, 0_None,
m/z:1475.14(2+), RT:26.15, Y-score:89.19
HCD-MS/MS Scan:6508, Noise threshold:0.7
CID-MS/MS Scan:6509, Noise threshold:0.9
ETD-MS/MS Scan:6510, Noise threshold:0.7
Relative Intensity (%)
m/z

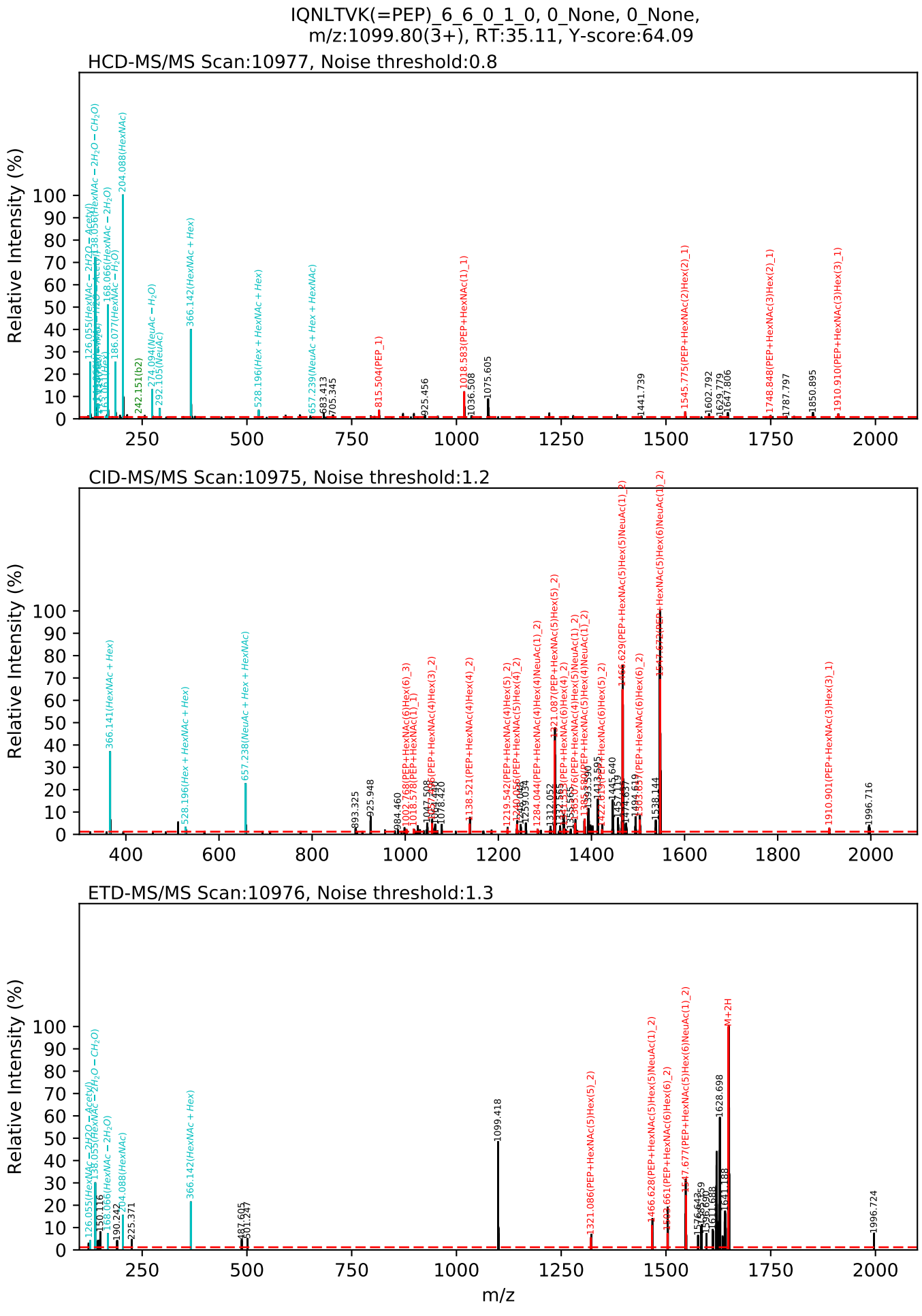

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1080.79(3+), RT:36.41, Y-score:90.84
HCD-MS/MS Scan:11622, Noise threshold:0.5
CID-MS/MS Scan:11623, Noise threshold:0.8
ETD-MS/MS Scan:11624, Noise threshold:1.4
Relative Intensity (%)
m/z

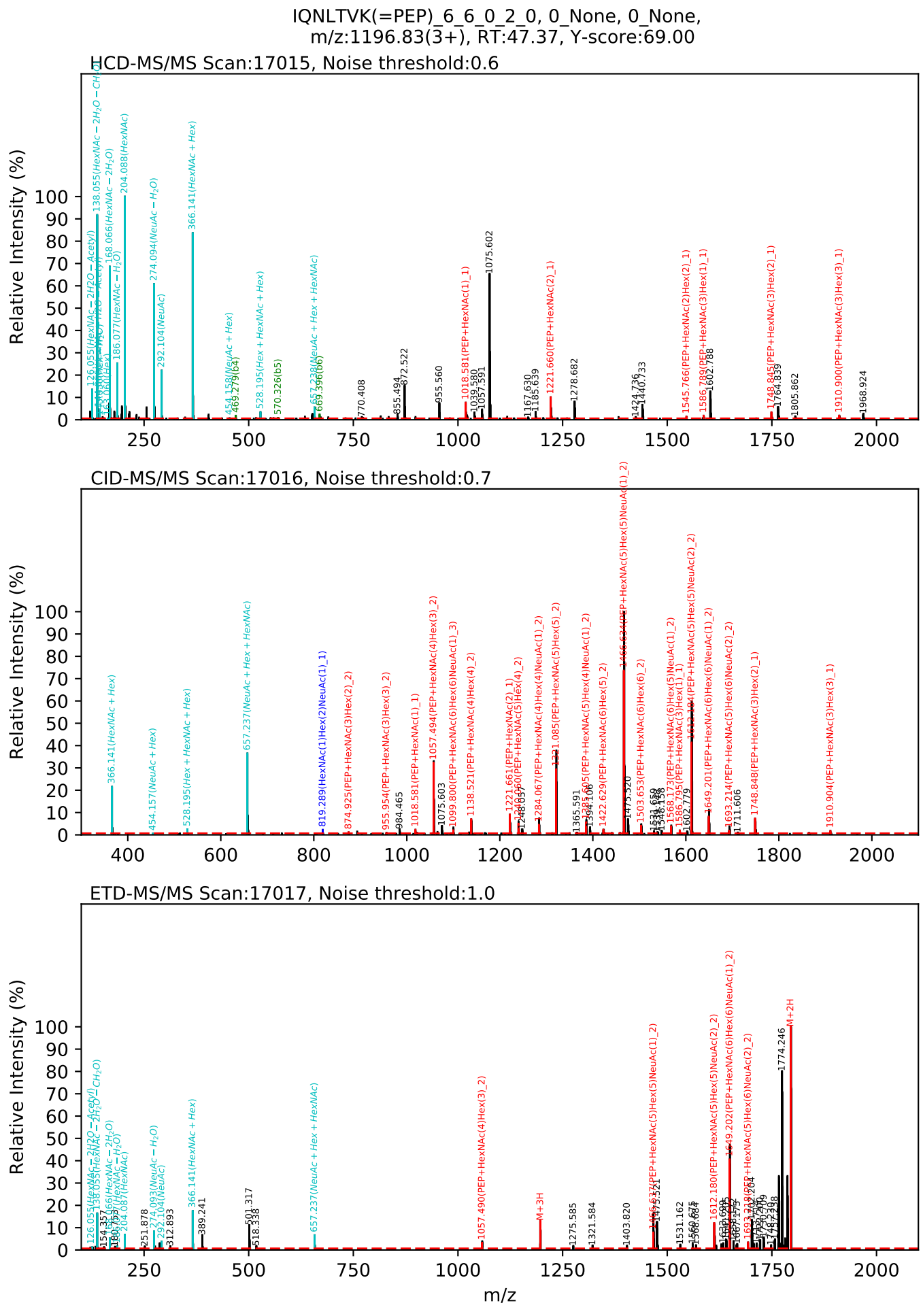

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1080.79(3+), RT:34.84, Y-score:90.86
HCD-MS/MS Scan:10838, Noise threshold:0.7
CID-MS/MS Scan:10839, Noise threshold:0.7
ETD-MS/MS Scan:10840, Noise threshold:0.8
Relative Intensity (%)
m/z

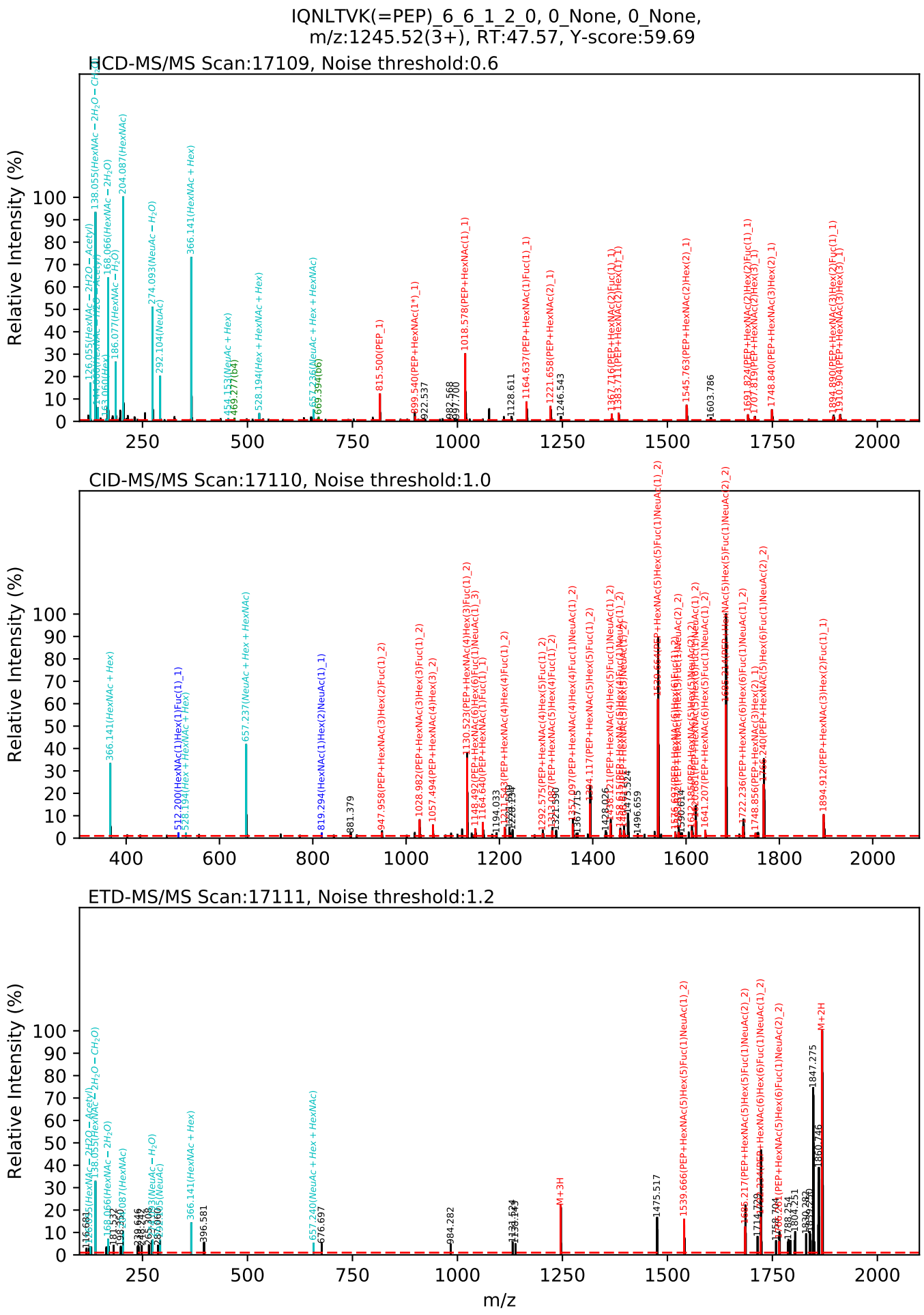

IQNLTVK(=PEP)_6_5_1_1_0, 0_None, 0_None,
m/z:1620.69(2+), RT:35.57, Y-score:61.09
HCD-MS/MS Scan:11209, Noise threshold:0.6
CID-MS/MS Scan:11212, Noise threshold:0.9
ETD-MS/MS Scan:11210, Noise threshold:0.9
Relative Intensity (%)
m/z

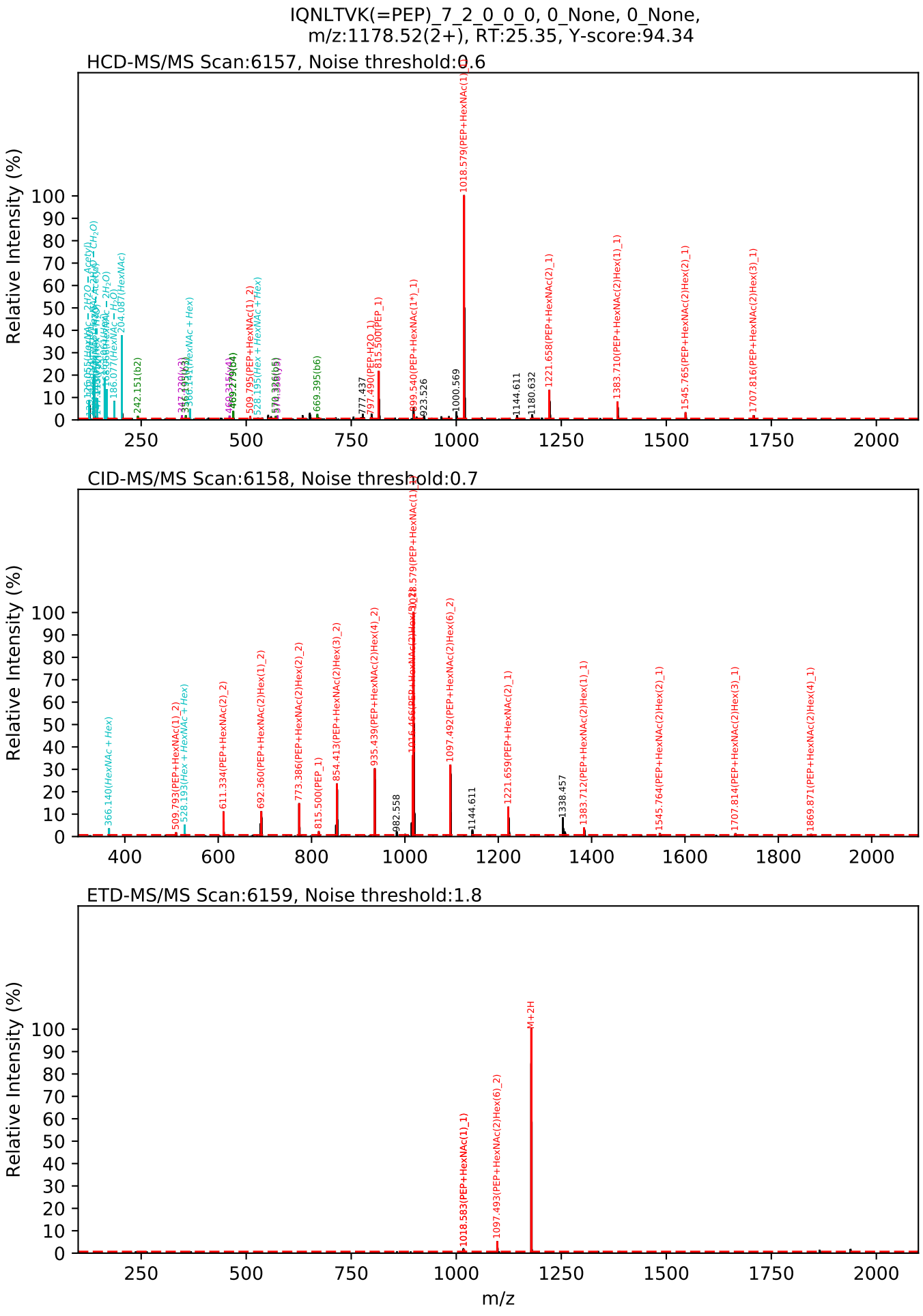

IQNLTVK(=PEP)_6_5_1_2_0, 0_None, 0_None,
m/z:1766.24(2+), RT:47.78, Y-score:92.31
HCD-MS/MS Scan:17200, Noise threshold:0.6
CID-MS/MS Scan:17201, Noise threshold:0.8
ETD-MS/MS Scan:17202, Noise threshold:1.0
Relative Intensity (%)
m/z

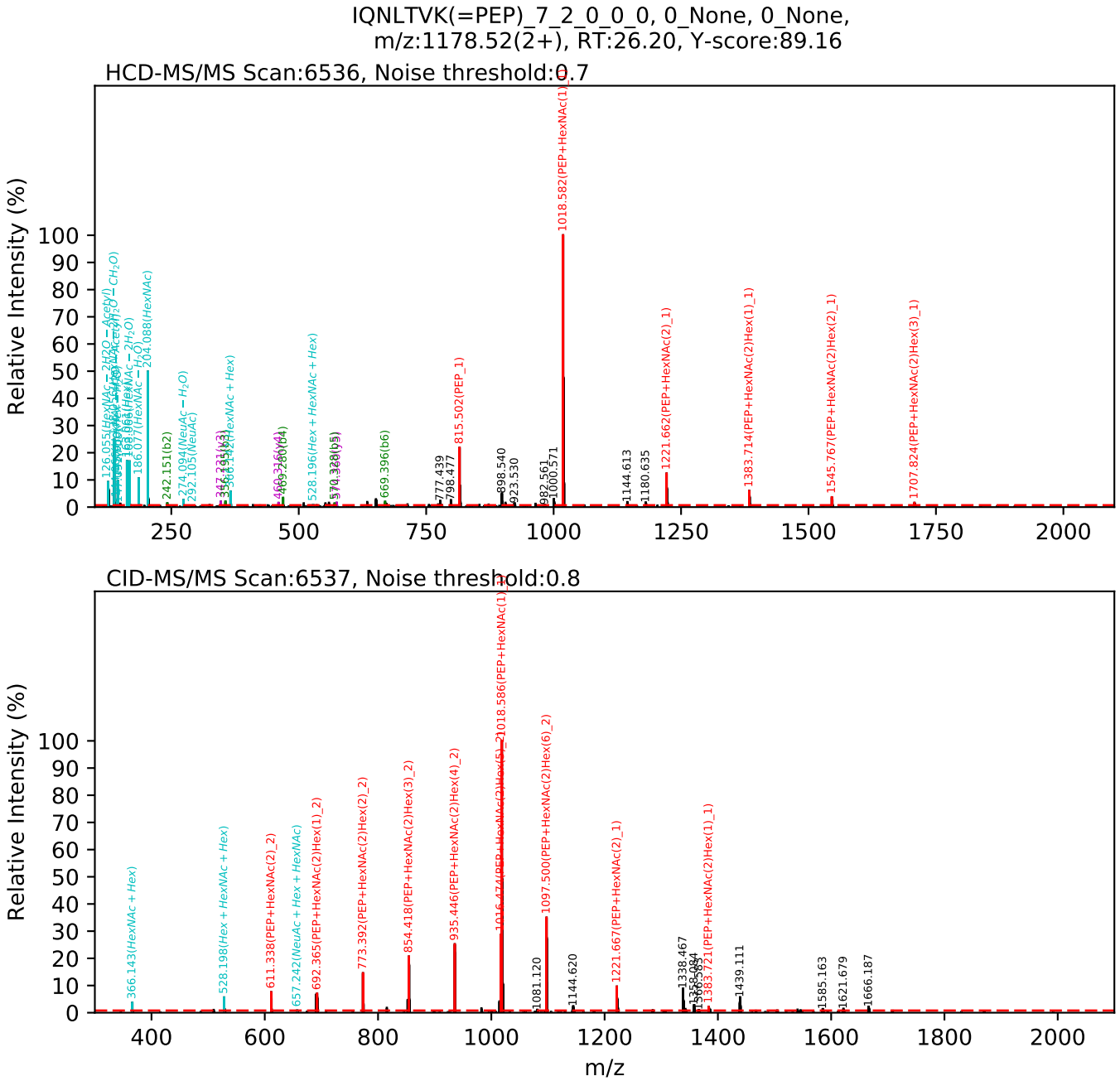

IQNLTVK(=PEP)_6_5_1_3_0, 0_None, 0_None,
m/z:1274.86(3+), RT:64.48, Y-score:59.31
HCD-MS/MS Scan:25262, Noise threshold:0.5
Relative Intensity (%)
CID-MS/MS Scan:25263, Noise threshold:0.8
Relative Intensity (%)
ETD-MS/MS Scan:25264, Noise threshold:1.4
Relative Intensity (%)
m/z

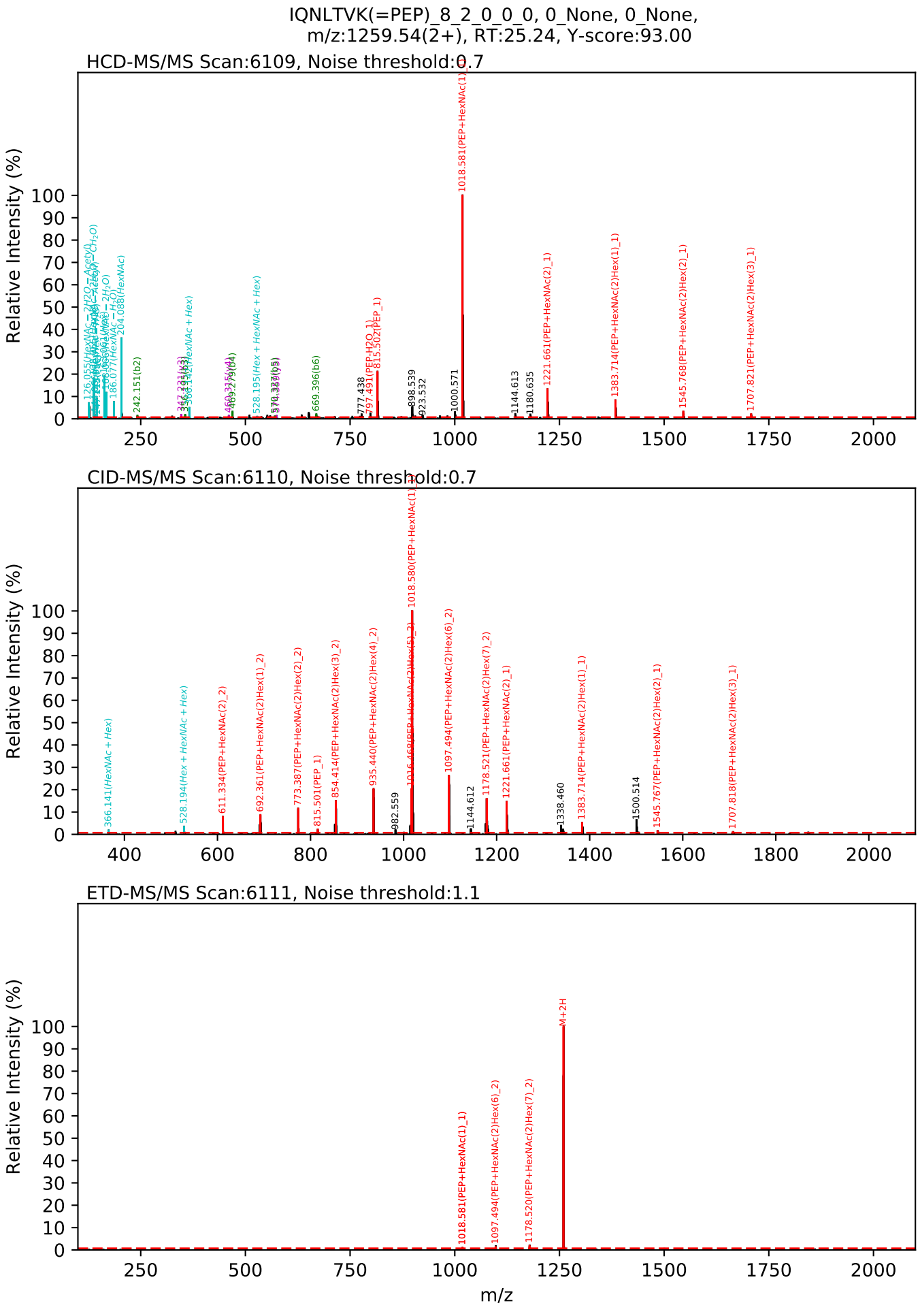

IQNLTVK(=PEP)_6_6_0_1_0, 0_None, 0_None,
m/z:1099.80(3+), RT:35.11, Y-score:64.09
HCD-MS/MS Scan:10977, Noise threshold:0.8
CID-MS/MS Scan:10975, Noise threshold:1.2
ETD-MS/MS Scan:10976, Noise threshold:1.3
Relative Intensity (%)
m/z

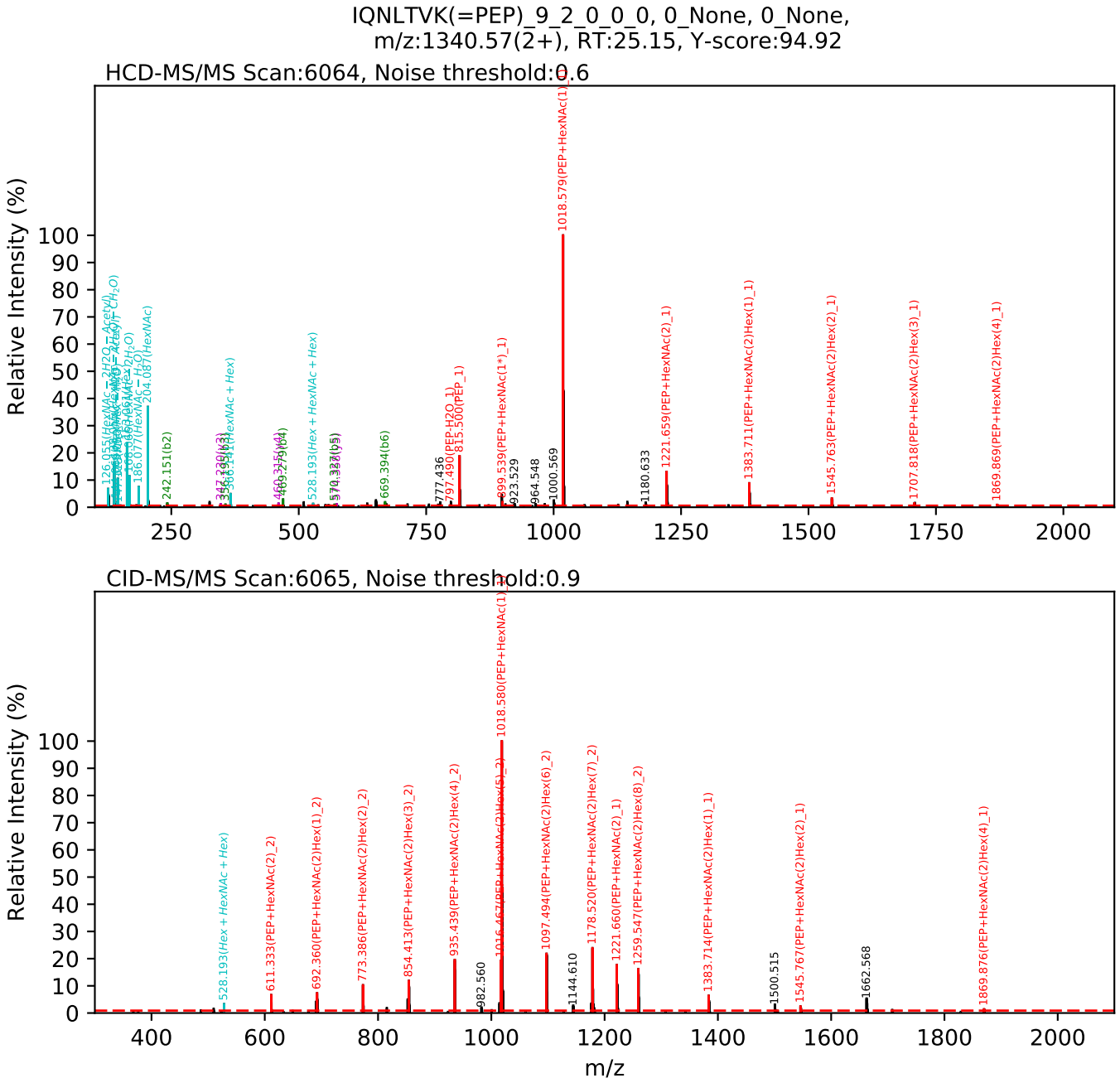

IQNLTVK(=PEP)_6_6_0_2_0, 0_None, 0_None,
m/z:1196.83(3+), RT:47.37, Y-score:69.00
HCD-MS/MS Scan:17015, Noise threshold:0.6
CID-MS/MS Scan:17016, Noise threshold:0.7
ETD-MS/MS Scan:17017, Noise threshold:1.0
Relative Intensity (%)
m/z

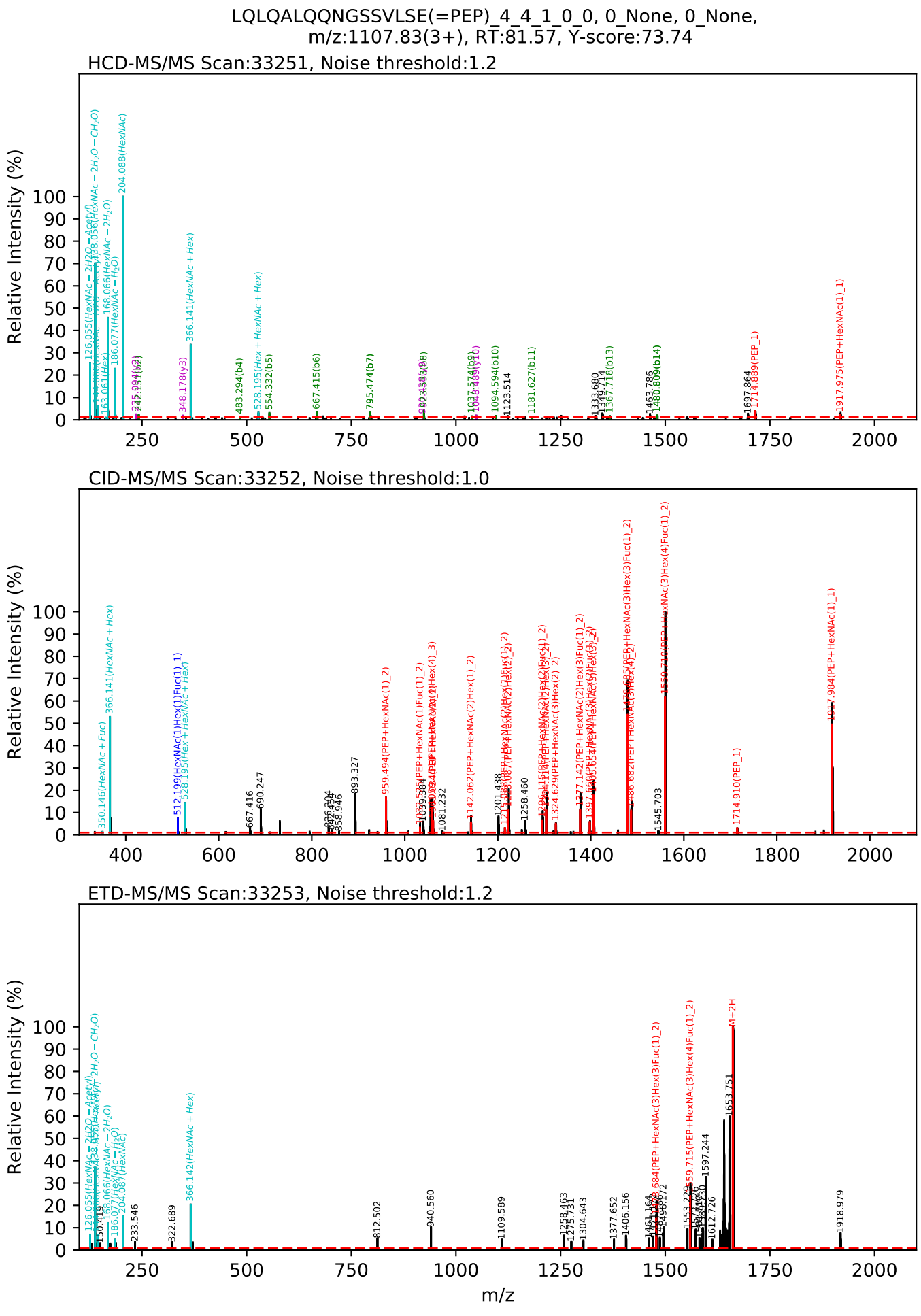

IQNLTVK(=PEP)_6_6_1_2_0, 0_None, 0_None,
m/z:1245.52(3+), RT:47.57, Y-score:59.69
HCD-MS/MS Scan:17109, Noise threshold:0.6
CID-MS/MS Scan:17110, Noise threshold:1.0
ETD-MS/MS Scan:17111, Noise threshold:1.2
Relative Intensity (%)
m/z

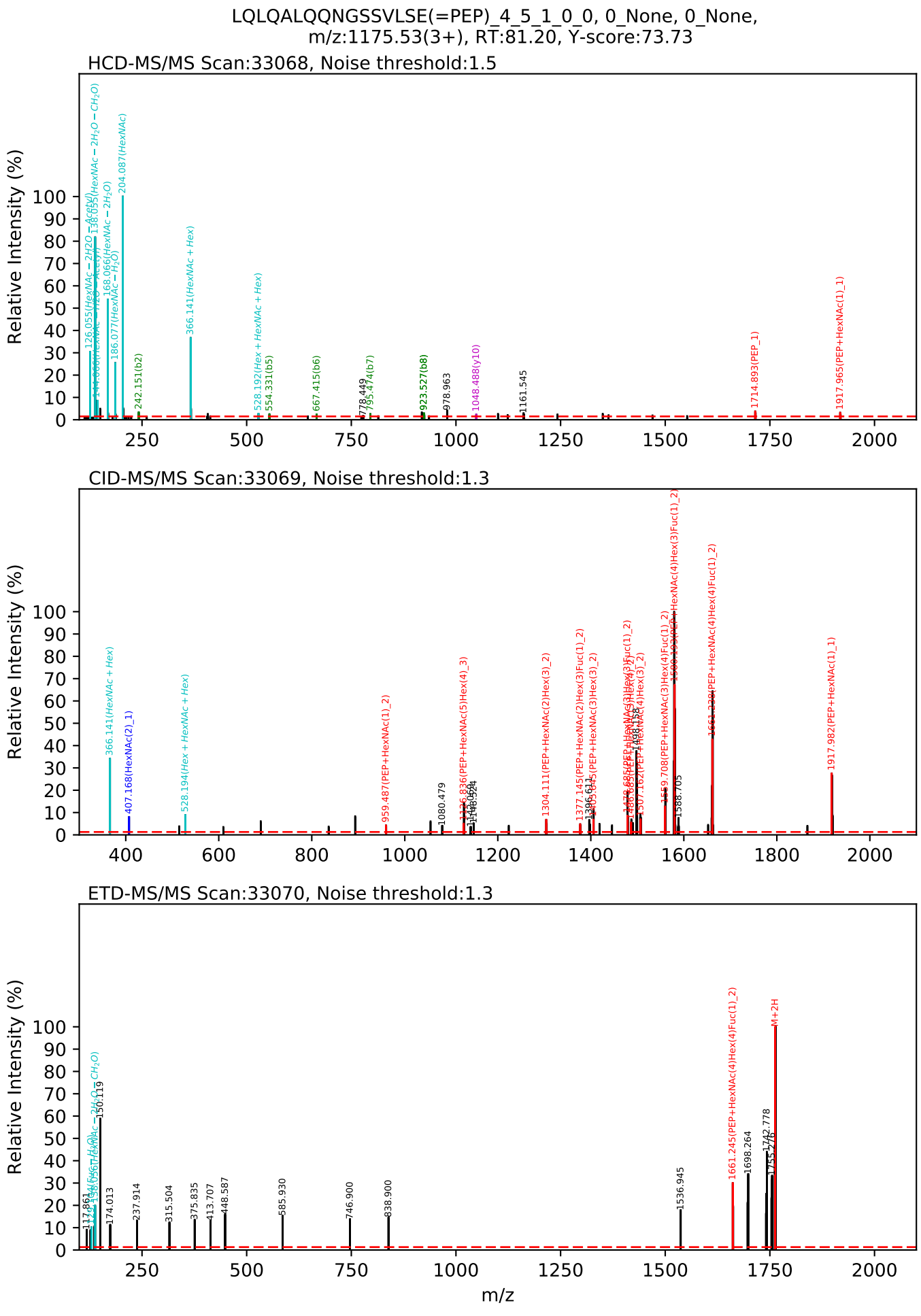

IQNLTVK(=PEP)_7_2_0_0_0, 0_None, 0_None,
m/z:1178.52(2+), RT:25.35, Y-score:94.34
HCD-MS/MS Scan:6157, Noise threshold:0.6
Relative Intensity (%)
1018.579(PEP+HexNAc(1)_1)
1221.658(PEP+HexNAc(2)_1)
1383.710(PEP+HexNAc(2)Hex(1)_1)
1545.765(PEP+HexNAc(2)Hex(2)_1)
1707.816(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6158, Noise threshold:0.7
Relative Intensity (%)
366.140(HexNAc + Hex)
509.793(PEP+HexNAc(1)_2)
528.193(Hex + HexNAc + Hex)
611.334(PEP+HexNAc(2)_2)
692.360(PEP+HexNAc(2)Hex(1)_2)
773.386(PEP+HexNAc(2)Hex(2)_2)
815.500(PEP_1)
854.413(PEP+HexNAc(2)Hex(3)_2)
935.439(PEP+HexNAc(2)Hex(4)_2)
1018.579(PEP+HexNAc(1)_1)
1097.492(PEP+HexNAc(2)Hex(6)_2)
1221.659(PEP+HexNAc(2)_1)
1338.457
1383.712(PEP+HexNAc(2)Hex(1)_1)
1545.764(PEP+HexNAc(2)Hex(2)_1)
1707.814(PEP+HexNAc(2)Hex(3)_1)
1869.871(PEP+HexNAc(2)Hex(4)_1)
ETD-MS/MS Scan:6159, Noise threshold:1.8
Relative Intensity (%)
1018.583(PEP+HexNAc(1)_1)
1097.493(PEP+HexNAc(2)Hex(6)_2)
M+2H
m/z

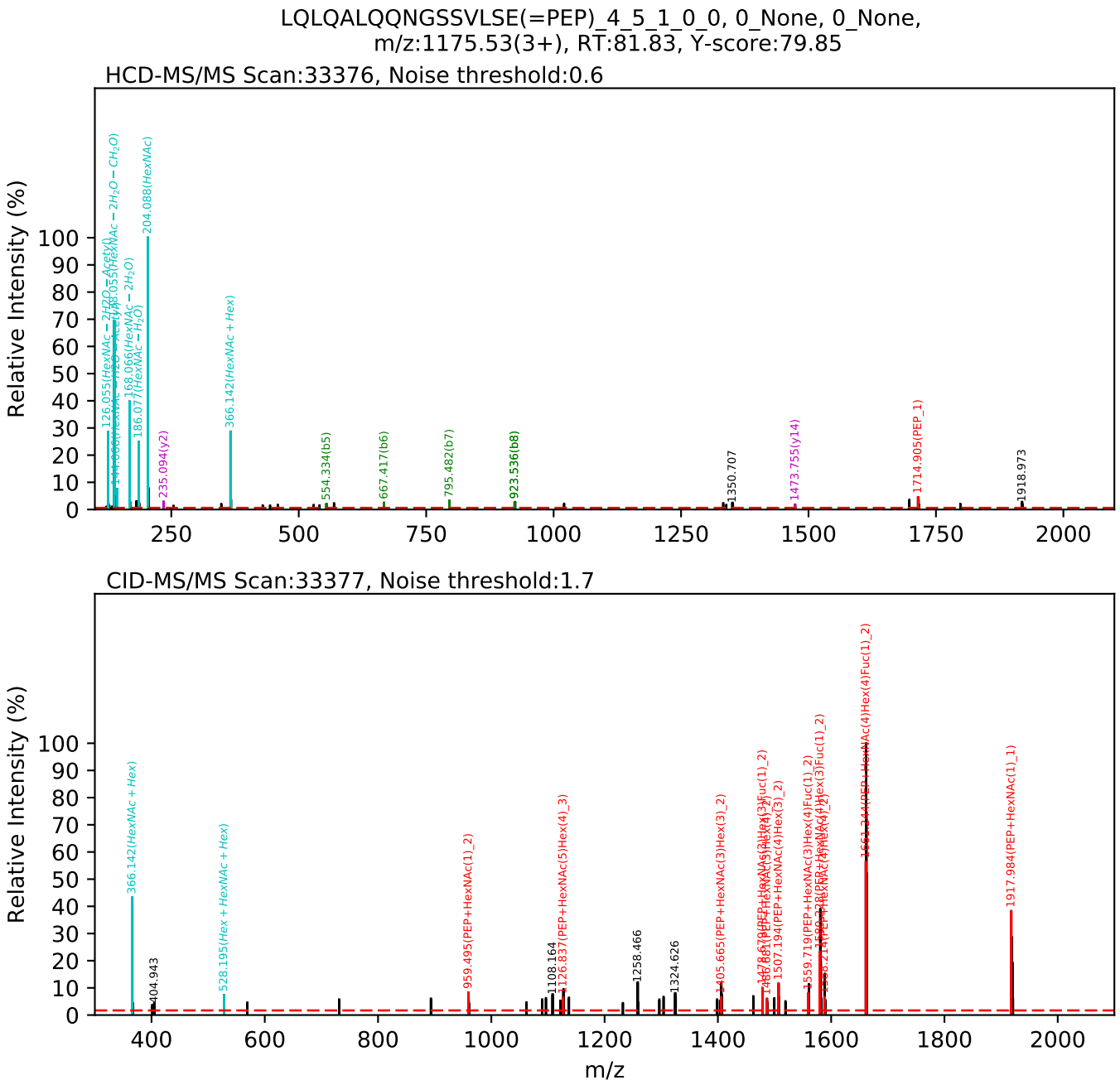

IQNLTVK(=PEP)_7_2_0_0_0, 0_None, 0_None,
m/z:1178.52(2+), RT:26.20, Y-score:89.16
HCD-MS/MS Scan:6536, Noise threshold:0.7
Relative Intensity (%)
1018.582(PEP+HexNAc(1)_1)
815.502(PEP_1)
1221.662(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.824(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6537, Noise threshold:0.8
Relative Intensity (%)
m/z
1018.586(PEP+HexNAc(1)_1)
1097.500(PEP+HexNAc(2)Hex(6)_2)
1221.667(PEP+HexNAc(2)_1)
1383.721(PEP+HexNAc(2)Hex(1)_1)
935.446(PEP+HexNAc(2)Hex(4)_2)
854.418(PEP+HexNAc(2)Hex(3)_2)
773.392(PEP+HexNAc(2)Hex(2)_2)
692.365(PEP+HexNAc(2)Hex(1)_2)
611.338(PEP+HexNAc(2)_2)

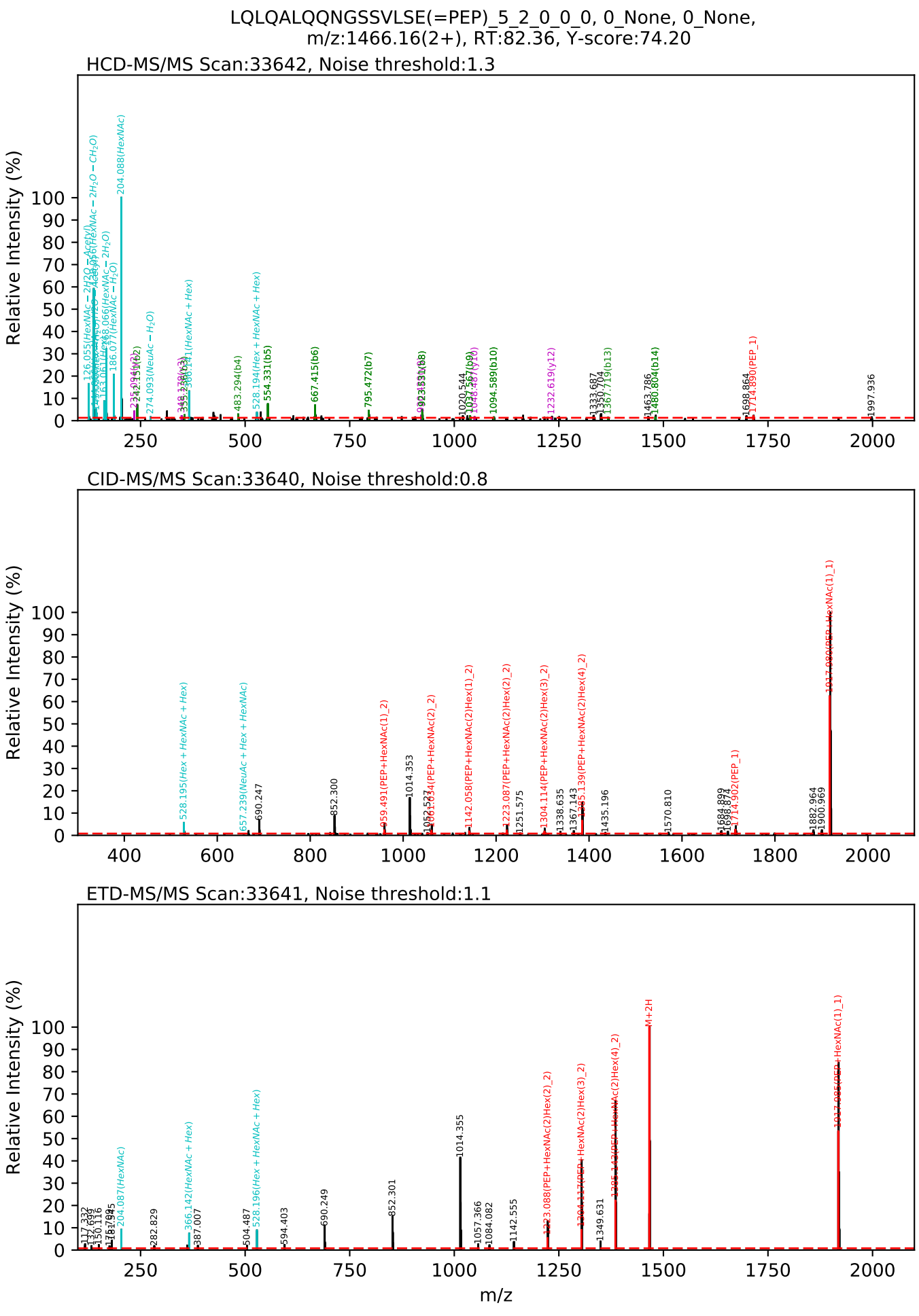

IQNLTVK(=PEP)_8_2_0_0_0, 0_None, 0_None,
m/z:1259.54(2+), RT:25.24, Y-score:93.00
HCD-MS/MS Scan:6109, Noise threshold:0.7
Relative Intensity (%)
242.151(b2)
669.396(b6)
777.438
797.491(PEP-H2O_1)
815.502(PEP_1)
898.539
923.532
1000.571
1018.581(PEP+HexNAc(1)_1)
1144.613
1180.635
1221.661(PEP+HexNAc(2)_1)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1545.768(PEP+HexNAc(2)Hex(2)_1)
1707.821(PEP+HexNAc(2)Hex(3)_1)
CID-MS/MS Scan:6110, 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)
815.501(PEP_1)
854.414(PEP+HexNAc(2)Hex(3)_2)
935.440(PEP+HexNAc(2)Hex(4)_2)
982.559
1018.580(PEP+HexNAc(1)_1)
1097.494(PEP+HexNAc(2)Hex(6)_2)
1144.612
1178.521(PEP+HexNAc(2)Hex(7)_2)
1221.661(PEP+HexNAc(2)_1)
1338.460
1383.714(PEP+HexNAc(2)Hex(1)_1)
1500.514
1545.767(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
ETD-MS/MS Scan:6111, Noise threshold:1.1
Relative Intensity (%)
1018.581(PEP+HexNAc(1)_1)
1097.494(PEP+HexNAc(2)Hex(6)_2)
1178.520(PEP+HexNAc(2)Hex(7)_2)
M+2H
m/z

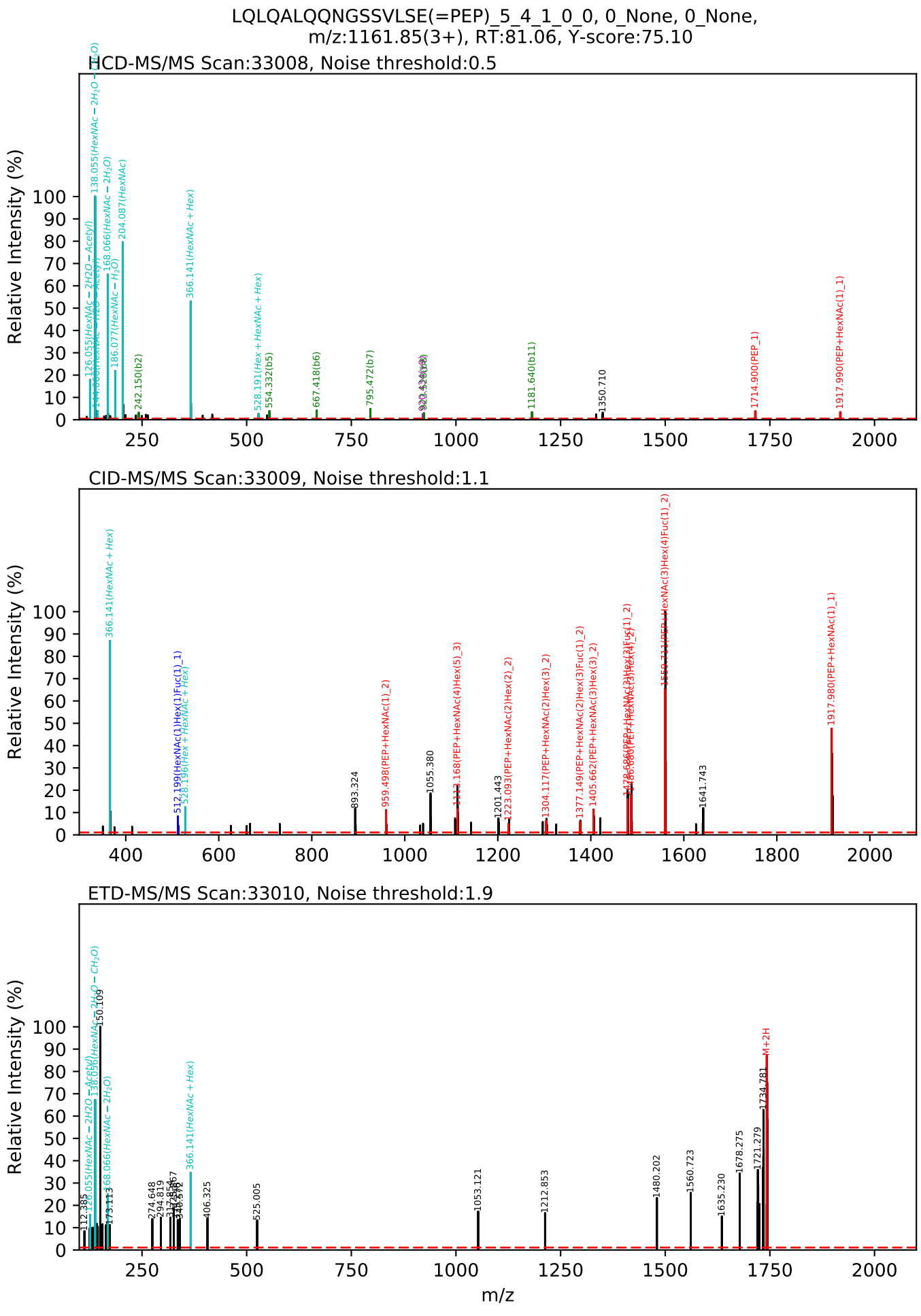

IQNLTVK(=PEP)_9_2_0_0_0, 0_None, 0_None,
m/z:1340.57(2+), RT:25.15, Y-score:94.92
HCD-MS/MS Scan:6064, Noise threshold:0.6
Relative Intensity (%)
1018.579(PEP+HexNAc(1)_1)
204.087(HexNAc)
242.151(b2)
528.193(Hex + HexNAc + Hex)
669.394(b6)
777.436
797.490(PEP-H2O_1)
815.500(PEP_1)
899.539(PEP+HexNAc(1*)_1)
923.529
964.548
1000.569
1180.633
1221.659(PEP+HexNAc(2)_1)
1383.711(PEP+HexNAc(2)Hex(1)_1)
1545.763(PEP+HexNAc(2)Hex(2)_1)
1707.818(PEP+HexNAc(2)Hex(3)_1)
1869.869(PEP+HexNAc(2)Hex(4)_1)
CID-MS/MS Scan:6065, Noise threshold:0.9
Relative Intensity (%)
528.193(Hex + HexNAc + Hex)
611.333(PEP+HexNAc(2)_2)
692.360(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)
982.560
1018.580(PEP+HexNAc(1)_2)
1097.494(PEP+HexNAc(2)Hex(6)_2)
1144.610
1178.520(PEP+HexNAc(2)Hex(7)_2)
1221.660(PEP+HexNAc(2)_1)
1259.547(PEP+HexNAc(2)Hex(8)_2)
1383.714(PEP+HexNAc(2)Hex(1)_1)
1500.515
1545.767(PEP+HexNAc(2)Hex(2)_1)
1662.568
1869.876(PEP+HexNAc(2)Hex(4)_1)
m/z

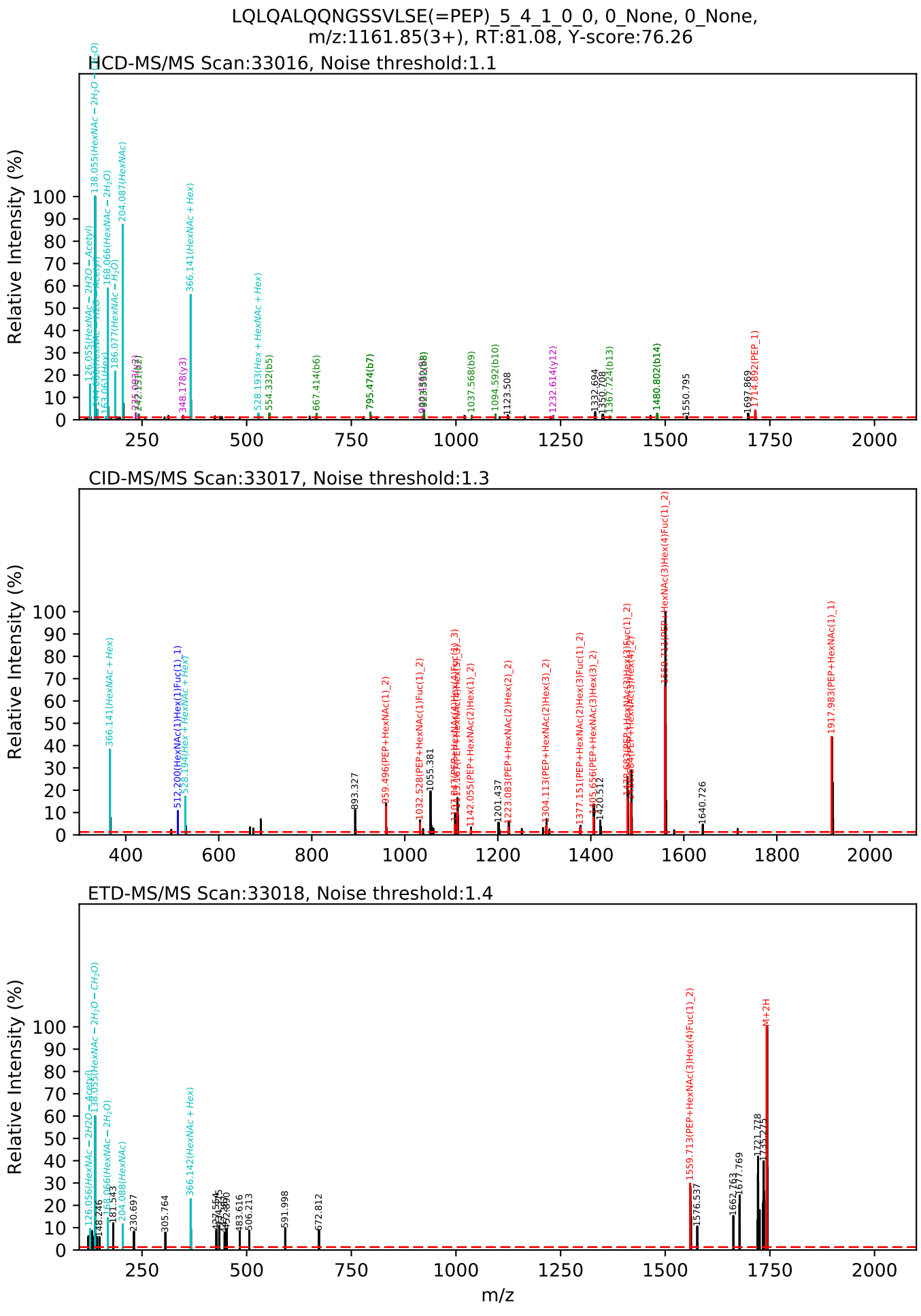

LQLQALQQNGSSVLSE(=PEP)_4_4_1_0_0, 0_None, 0_None,
m/z:1107.83(3+), RT:81.57, Y-score:73.74
HCD-MS/MS Scan:33251, Noise threshold:1.2
Relative Intensity (%)
204.088(HexNAc)
366.141(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
1917.975(PEP+HexNAc(1)_1)
CID-MS/MS Scan:33252, Noise threshold:1.0
Relative Intensity (%)
366.141(HexNAc + Hex)
959.494(PEP+HexNAc(1)_2)
1714.910(PEP_1)
1917.984(PEP+HexNAc(1)_1)
ETD-MS/MS Scan:33253, Noise threshold:1.2
Relative Intensity (%)
366.142(HexNAc + Hex)
M+2H
m/z


LQLQALQQNGSSVLSE(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1175.53(3+), RT:81.20, Y-score:73.73
HCD-MS/MS Scan:33068, Noise threshold:1.5
Relative Intensity (%)
204.087(HexNAc)
366.141(HexNAc + Hex)
528.192(Hex + HexNAc + Hex)
242.151(b2)
554.331(b5)
667.415(b6)
923.527(b8)
1048.488(y10)
1714.893(PEP_1)
1917.965(PEP+HexNAc(1)_1)
CID-MS/MS Scan:33069, Noise threshold:1.3
Relative Intensity (%)
366.141(HexNAc + Hex)
407.168(HexNAc(2)_1)
528.194(Hex + HexNAc + Hex)
959.487(PEP+HexNAc(1)_2)
1304.111(PEP+HexNAc(2)Hex(3)_2)
1377.145(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1917.982(PEP+HexNAc(1)_1)
ETD-MS/MS Scan:33070, Noise threshold:1.3
Relative Intensity (%)
1661.245(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
M+2H
m/z


LQLQALQQNGSSVLSE(=PEP)_4_5_1_0_0, 0_None, 0_None,
m/z:1175.53(3+), RT:81.83, Y-score:79.85
HCD-MS/MS Scan:33376, Noise threshold:0.6
Relative Intensity (%)
204.088(HexNAc)
366.142(HexNAc + Hex)
235.094(y2)
554.334(b5)
667.417(b6)
795.482(b7)
923.536(b8)
1350.707
1473.755(y14)
1714.905(PEP_1)
1918.973
CID-MS/MS Scan:33377, Noise threshold:1.7
Relative Intensity (%)
366.142(HexNAc + Hex)
528.195(Hex + HexNAc + Hex)
959.495(PEP+HexNAc(1)_2)
1108.164
126.837(PEP+HexNAc(5)Hex(4)_3)
1258.466
1324.626
1405.665(PEP+HexNAc(3)Hex(3)_2)
1507.194(PEP+HexNAc(4)Hex(3)_2)
1559.719(PEP+HexNAc(3)Hex(4)Fuc(1)_2)
1661.244(PEP+HexNAc(4)Hex(4)Fuc(1)_2)
1917.984(PEP+HexNAc(1)_1)
m/z


LQLQALQQNGSSVLSE(=PEP)_5_2_0_0_0, 0_None, 0_None,
m/z:1466.16(2+), RT:82.36, Y-score:74.20
HCD-MS/MS Scan:33642, Noise threshold:1.3
CID-MS/MS Scan:33640, Noise threshold:0.8
ETD-MS/MS Scan:33641, Noise threshold:1.1
Relative Intensity (%)
m/z
M+2H


LQLQALQQNGSSVLSE(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1161.85(3+), RT:81.06, Y-score:75.10
HCD-MS/MS Scan:33008, Noise threshold:0.5
CID-MS/MS Scan:33009, Noise threshold:1.1
ETD-MS/MS Scan:33010, Noise threshold:1.9
Relative Intensity (%)
m/z
366.141(HexNAc + Hex)
204.087(HexNAc)
138.055(HexNAc − 2H2O − Acetyl)
126.055(HexNAc − 2H2O − Acetyl)
186.077(HexNAc − H2O)
168.066(HexNAc − 2H2O)
242.150(b2)
528.191(Hex + HexNAc + Hex)
554.332(b5)
667.418(b6)
795.472(b7)
1181.640(b11)
1350.710
1714.900(PEP_1)
1917.990(PEP+HexNAc(1)_1)
512.199(HexNAc(1)Hex(1)Fuc(1)_1)
528.196(Hex + HexNAc + Hex)
893.324
959.498(PEP+HexNAc(1)_2)
1055.380
1113.168(PEP+HexNAc(4)Hex(5)_3)
1201.443
1223.093(PEP+HexNAc(2)Hex(2)_2)
1304.117(PEP+HexNAc(2)Hex(3)_2)
1377.149(PEP+HexNAc(2)Hex(3)Fuc(1)_2)
1405.662(PEP+HexNAc(3)Hex(3)_2)
1641.743
1917.980(PEP+HexNAc(1)_1)
112.385
126.055(HexNAc − 2H2O − Acetyl)
138.055(HexNAc − 2H2O − Acetyl)
150.109
168.066(HexNAc − 2H2O)
173.113
274.648
294.819
366.141(HexNAc + Hex)
406.325
525.005
1053.121
1212.853
1480.202
1560.723
1635.230
1678.275
1721.279
1734.781
M+2H


LQLQALQQNGSSVLSE(=PEP)_5_4_1_0_0, 0_None, 0_None,
m/z:1161.85(3+), RT:81.08, Y-score:76.26
HCD-MS/MS Scan:33016, Noise threshold:1.1
CID-MS/MS Scan:33017, Noise threshold:1.3
ETD-MS/MS Scan:33018, Noise threshold:1.4
Relative Intensity (%)
m/z