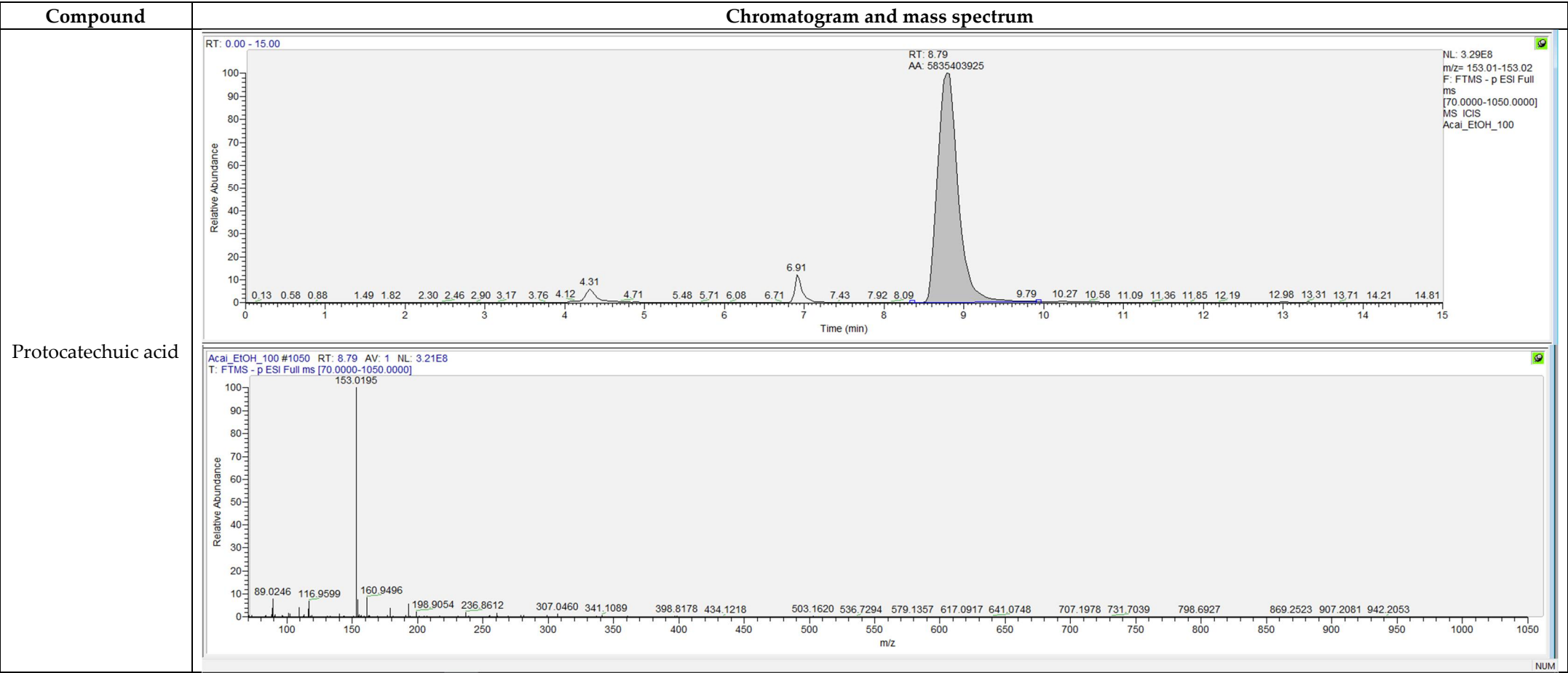
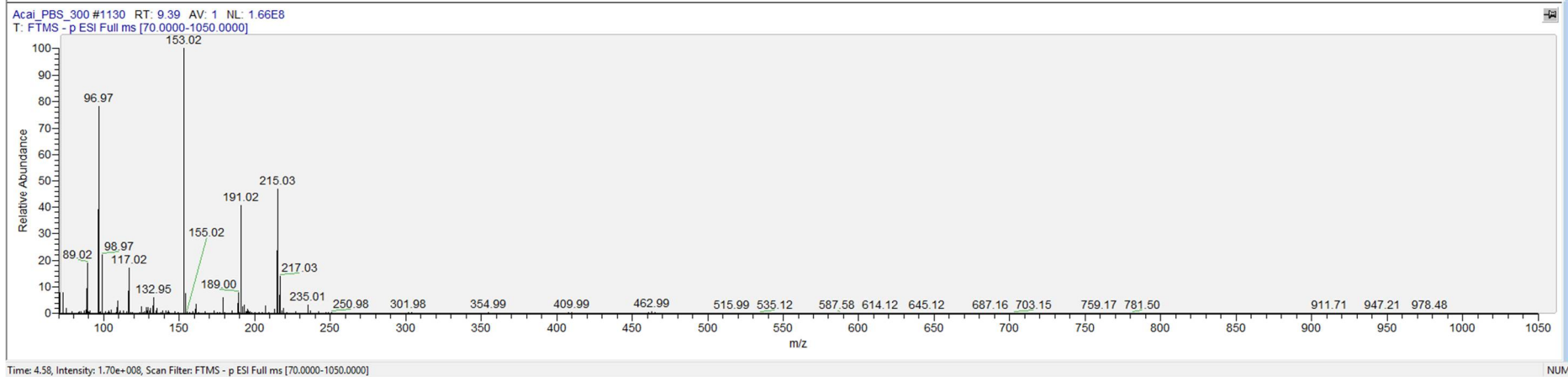
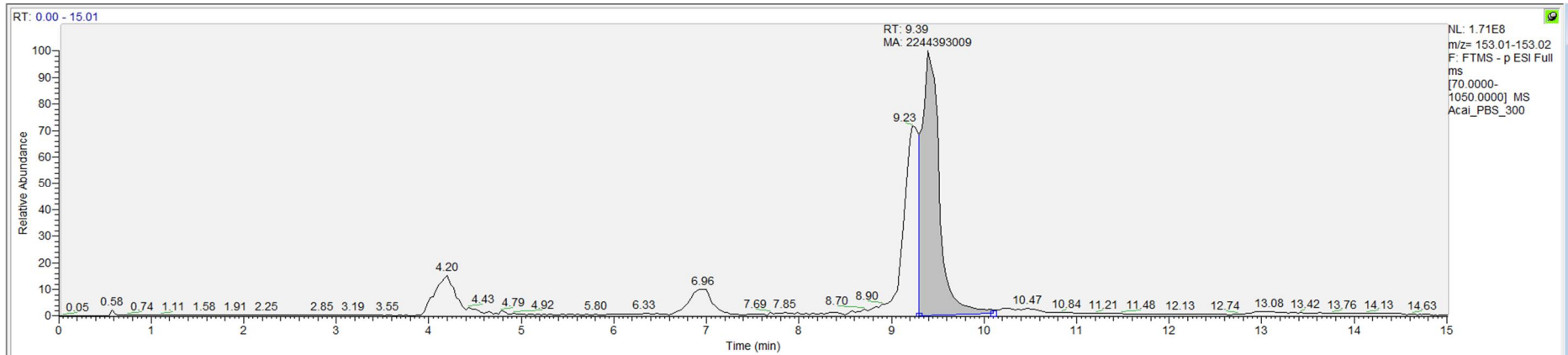


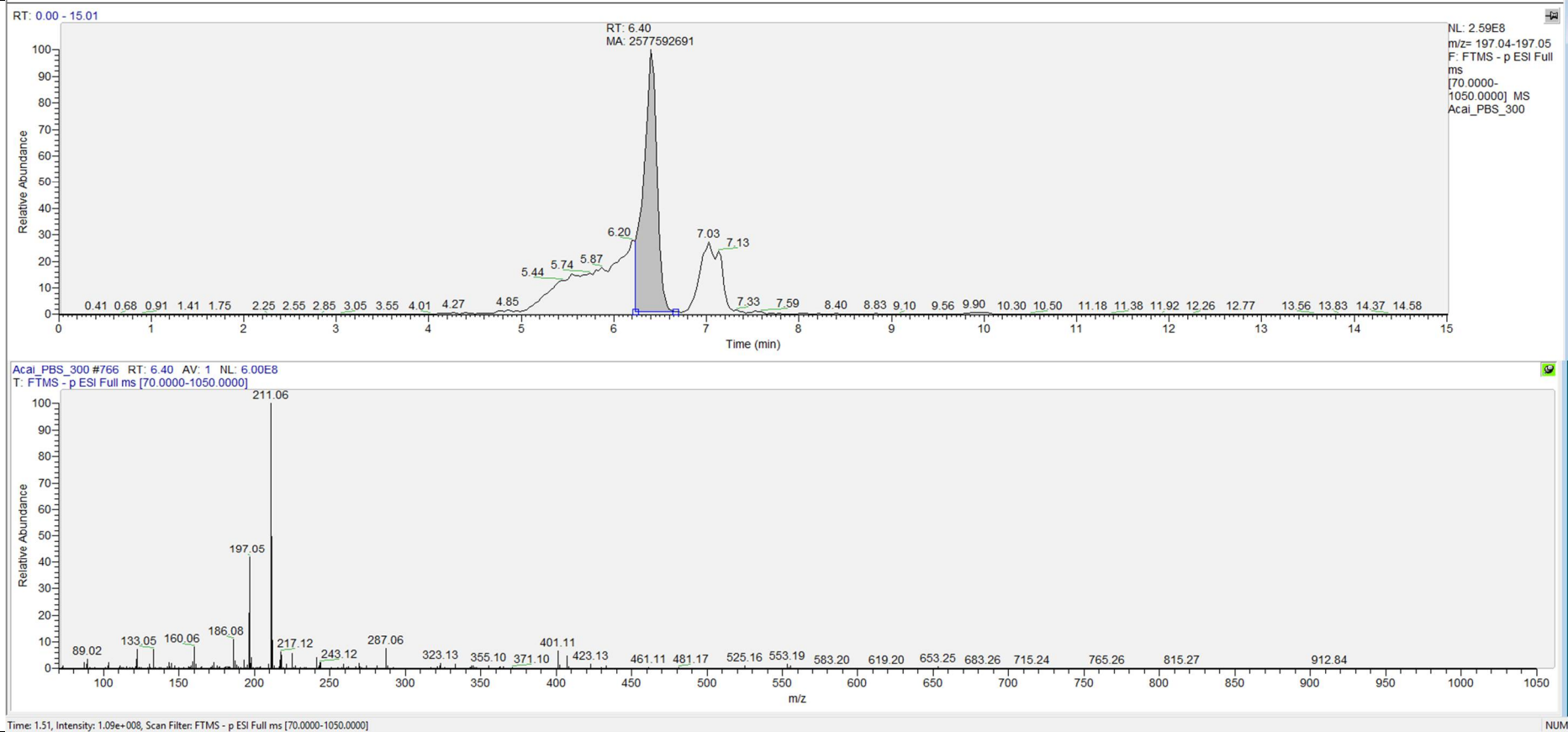
Supplementary Figure S1: LC-MS profiling for phytochemicals from acai berry aqueous and ethanolic extracts.

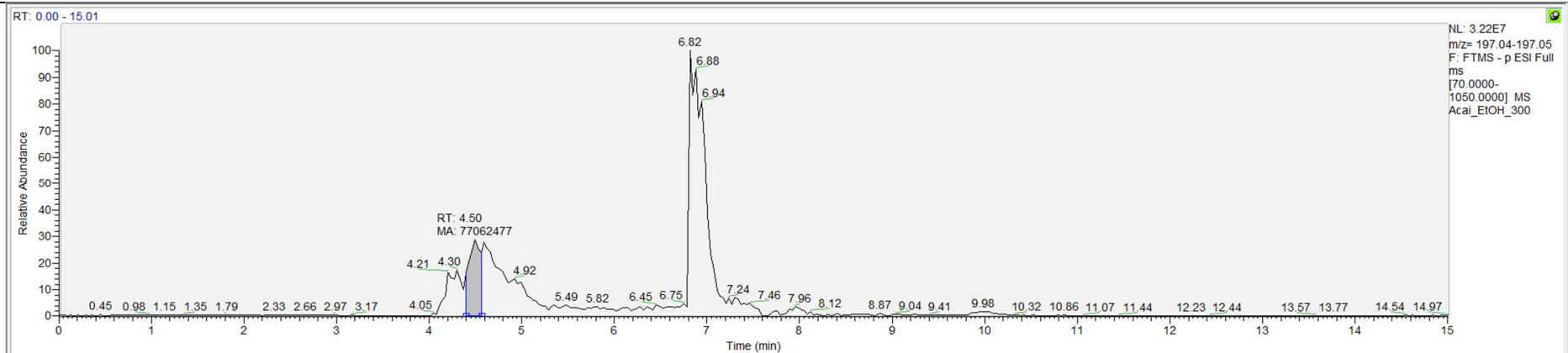
Acai berry aqueous and ethanolic extractions were resolved by high performance liquid chromatography coupled to mass spectrometer (LC-MS). Compounds were identified by comparing the retention time, parent ion, and mass fragments with authentic standards and MS² fragmentation patterns.



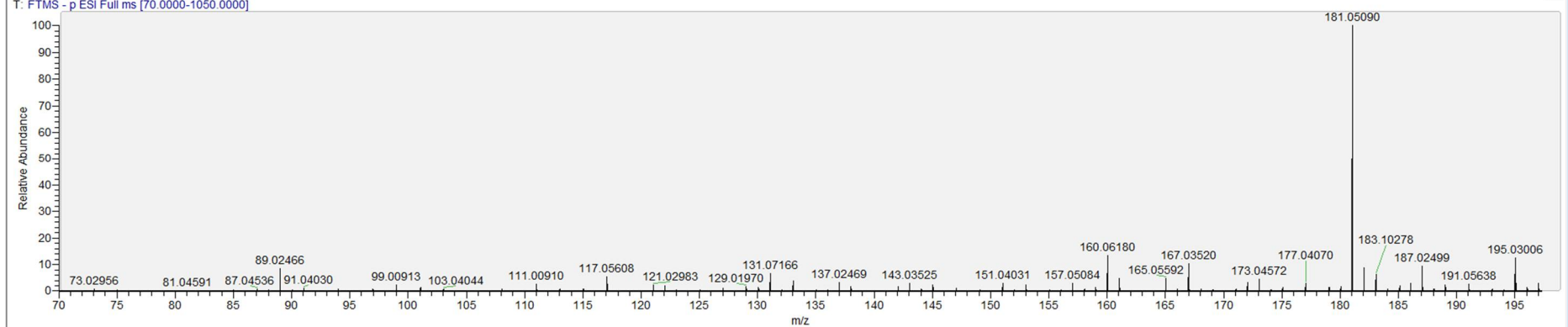


Syringic acid

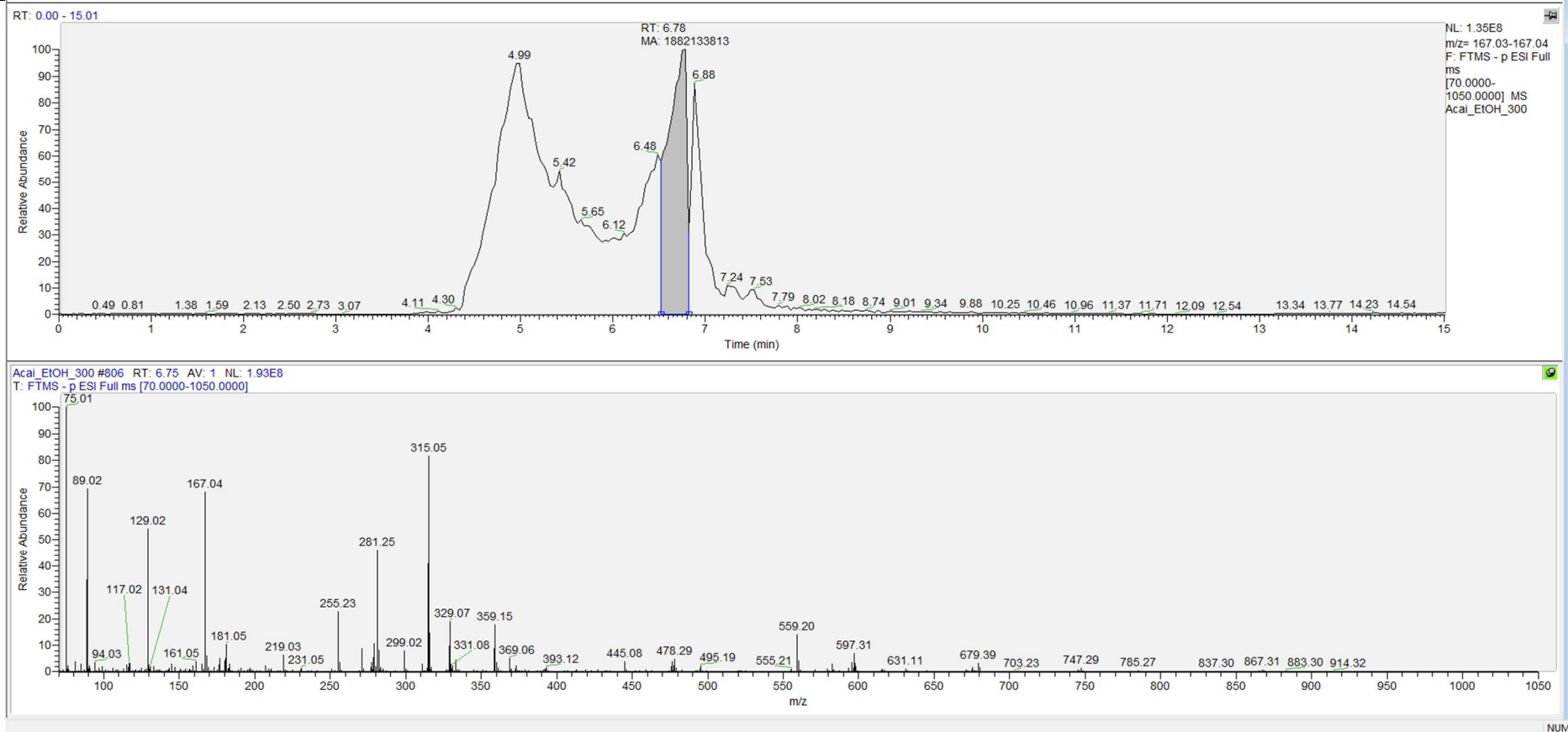


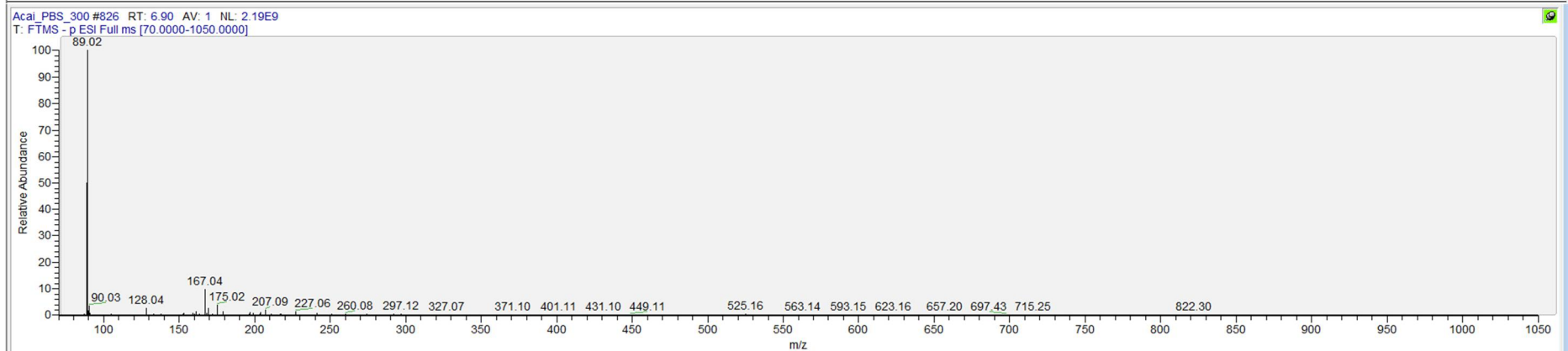
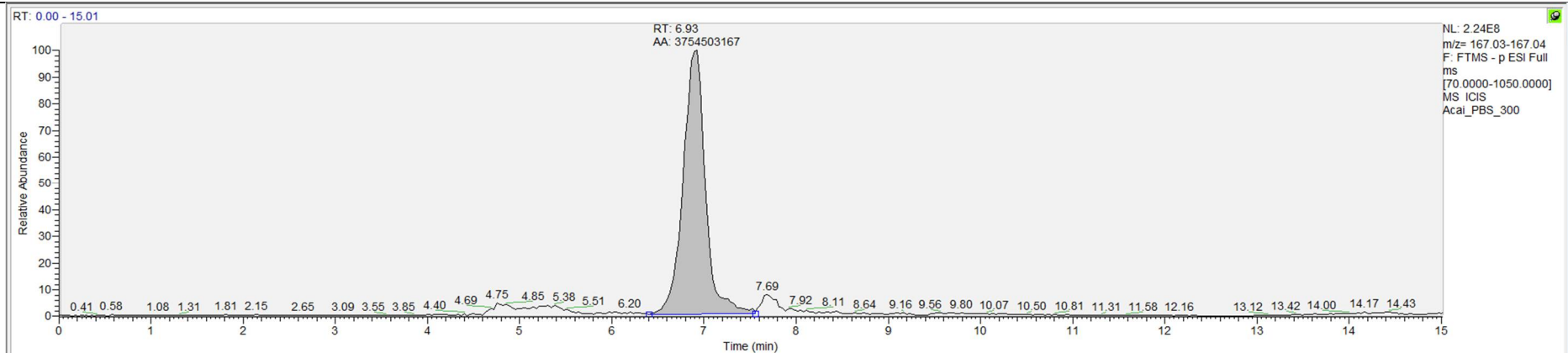


Acal_EtOH_300 #538 RT: 4.53 AV: 1 NL: 2.77E8
T: FTMS - p ESI Full ms [70.0000-1050.0000]

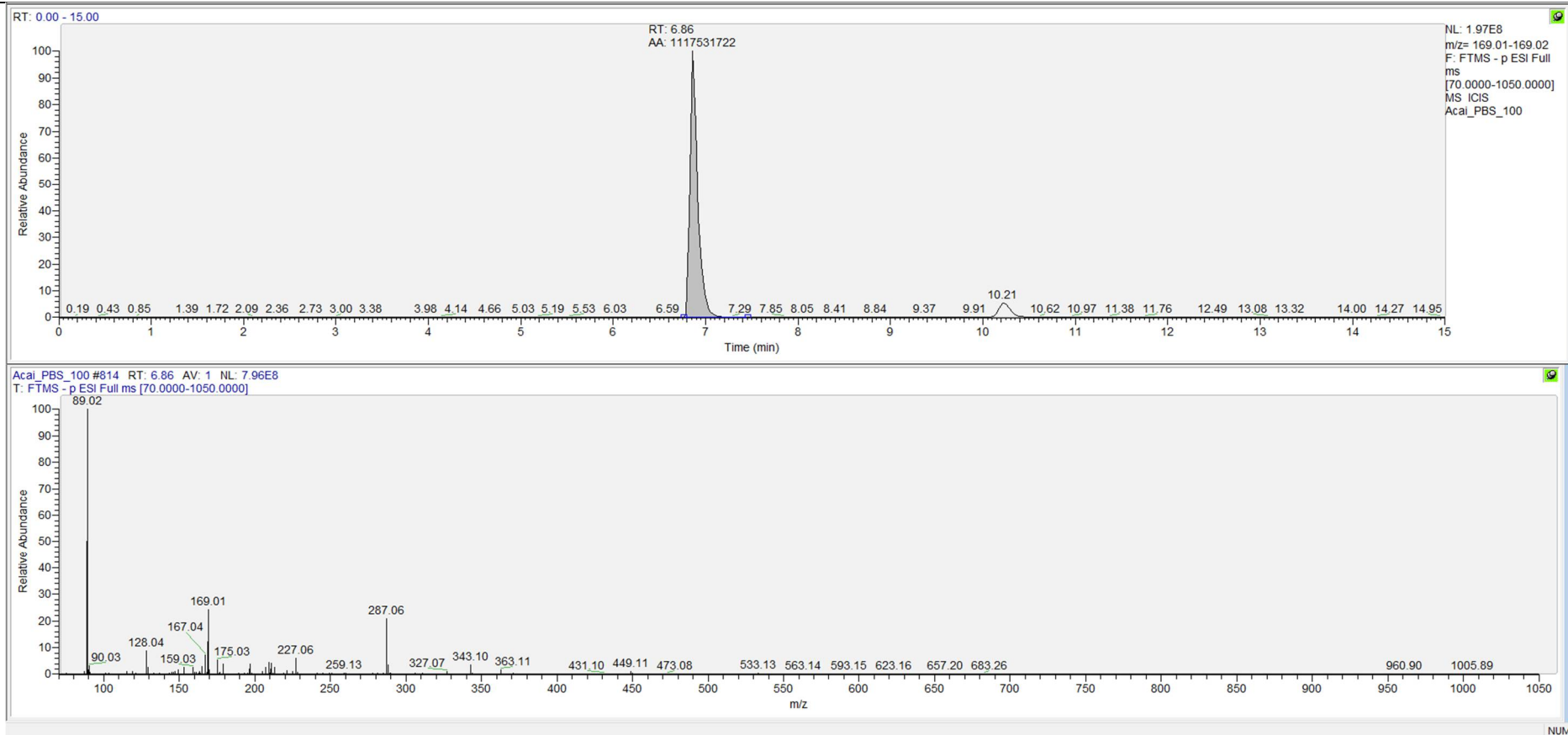


Vanillic acid

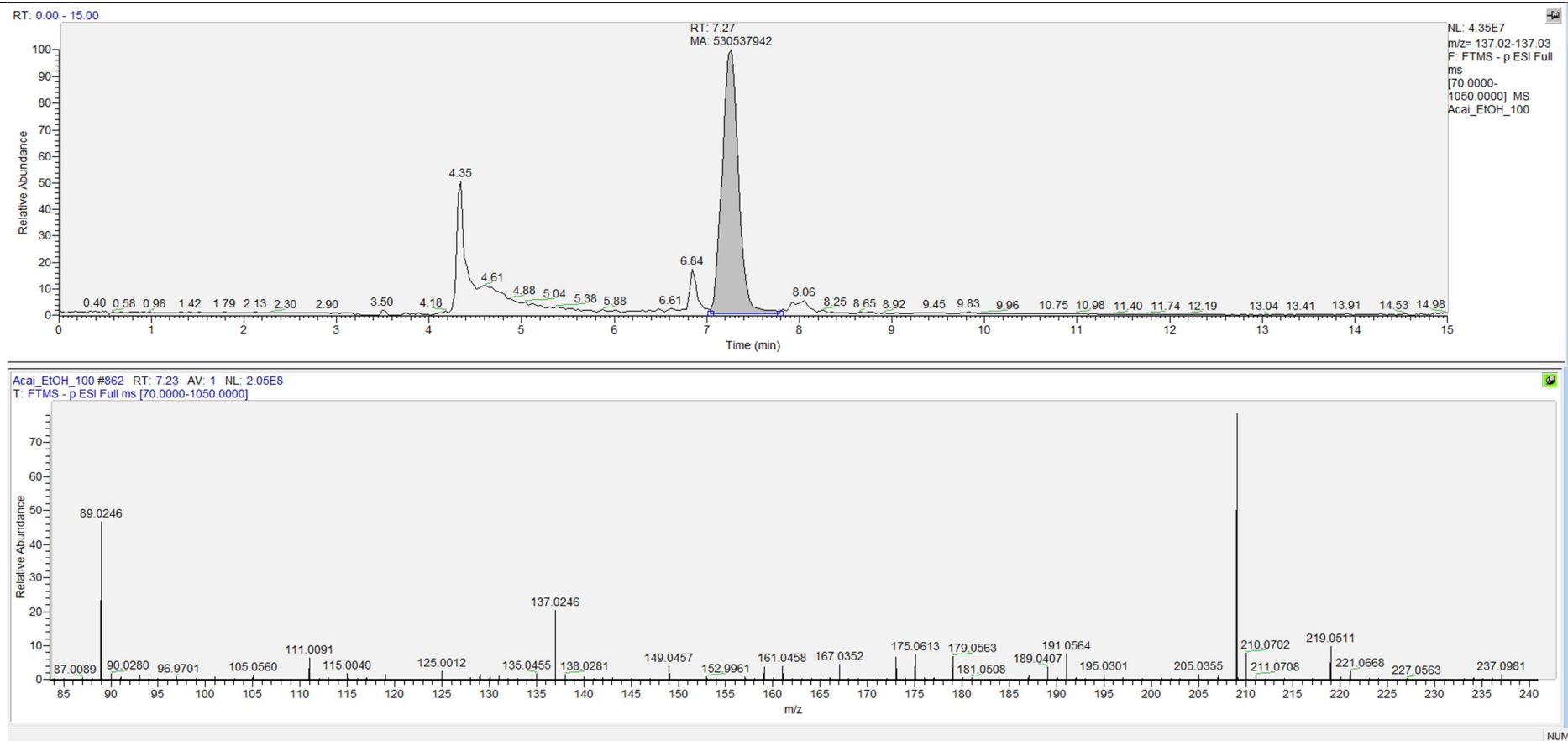


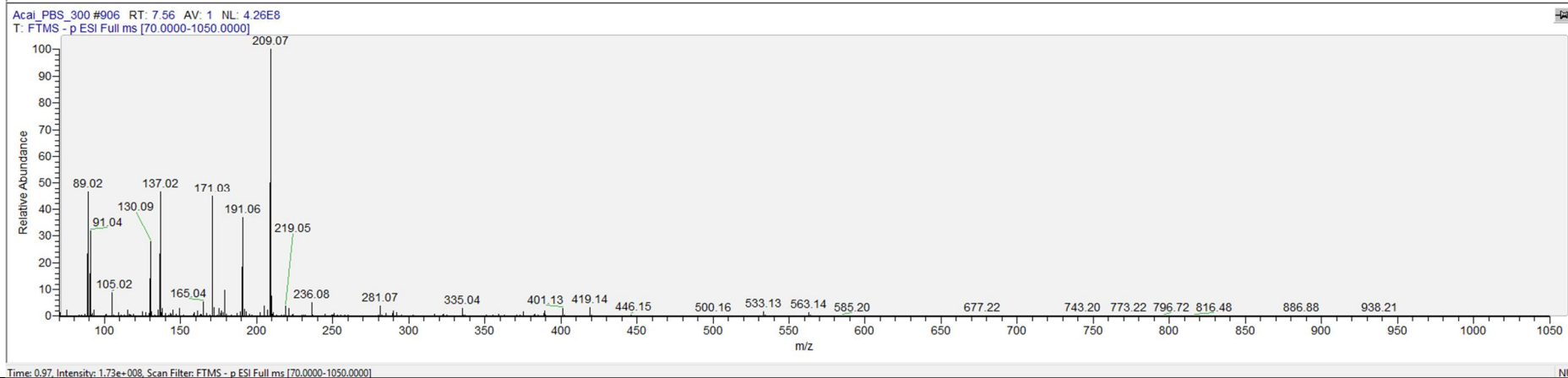
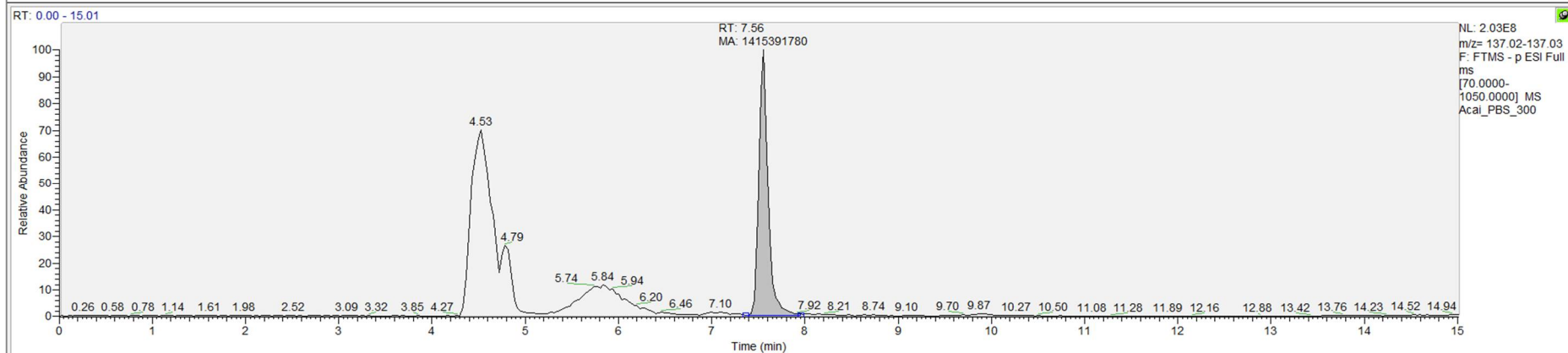


Gallic acid

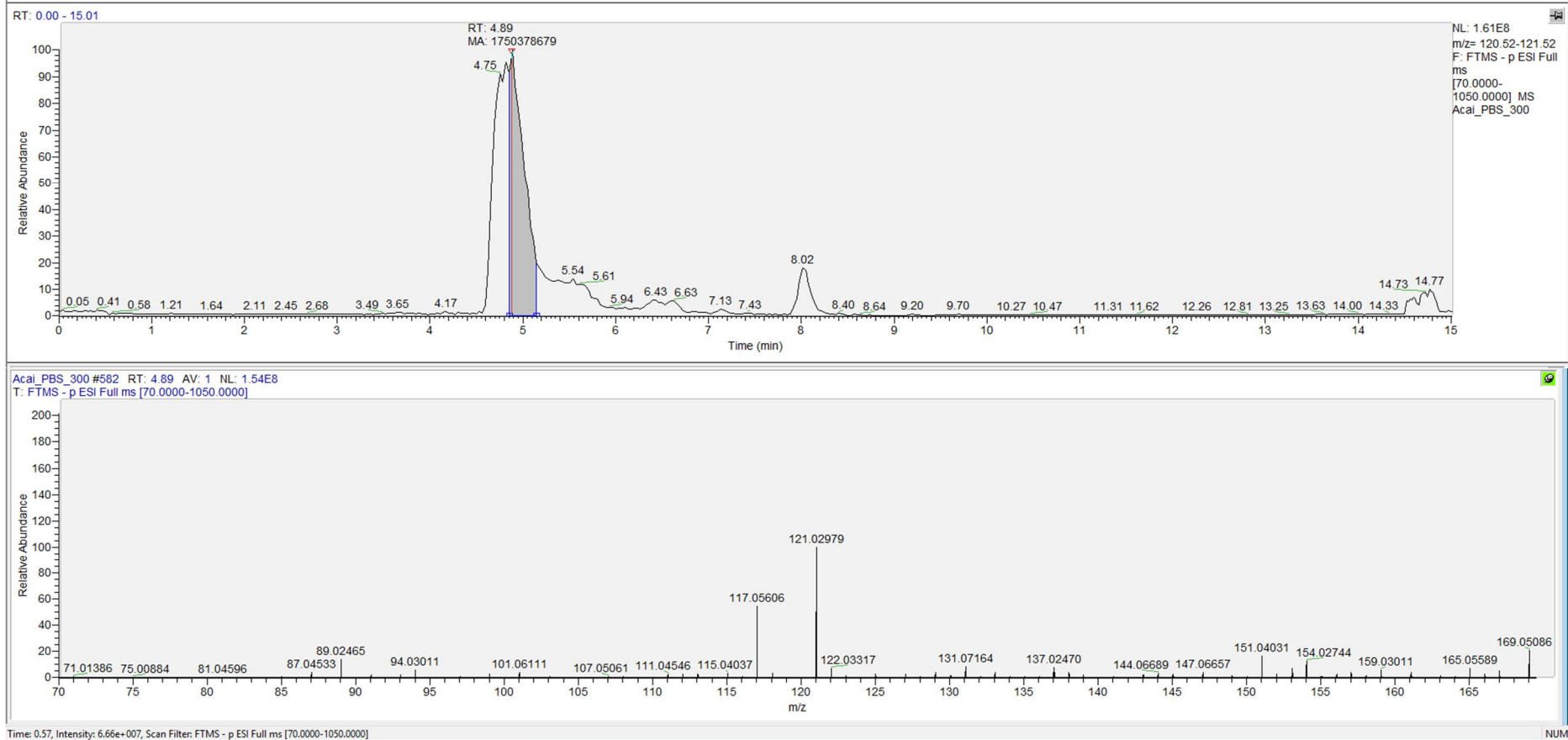


4-Hydroxybenzoic
acid

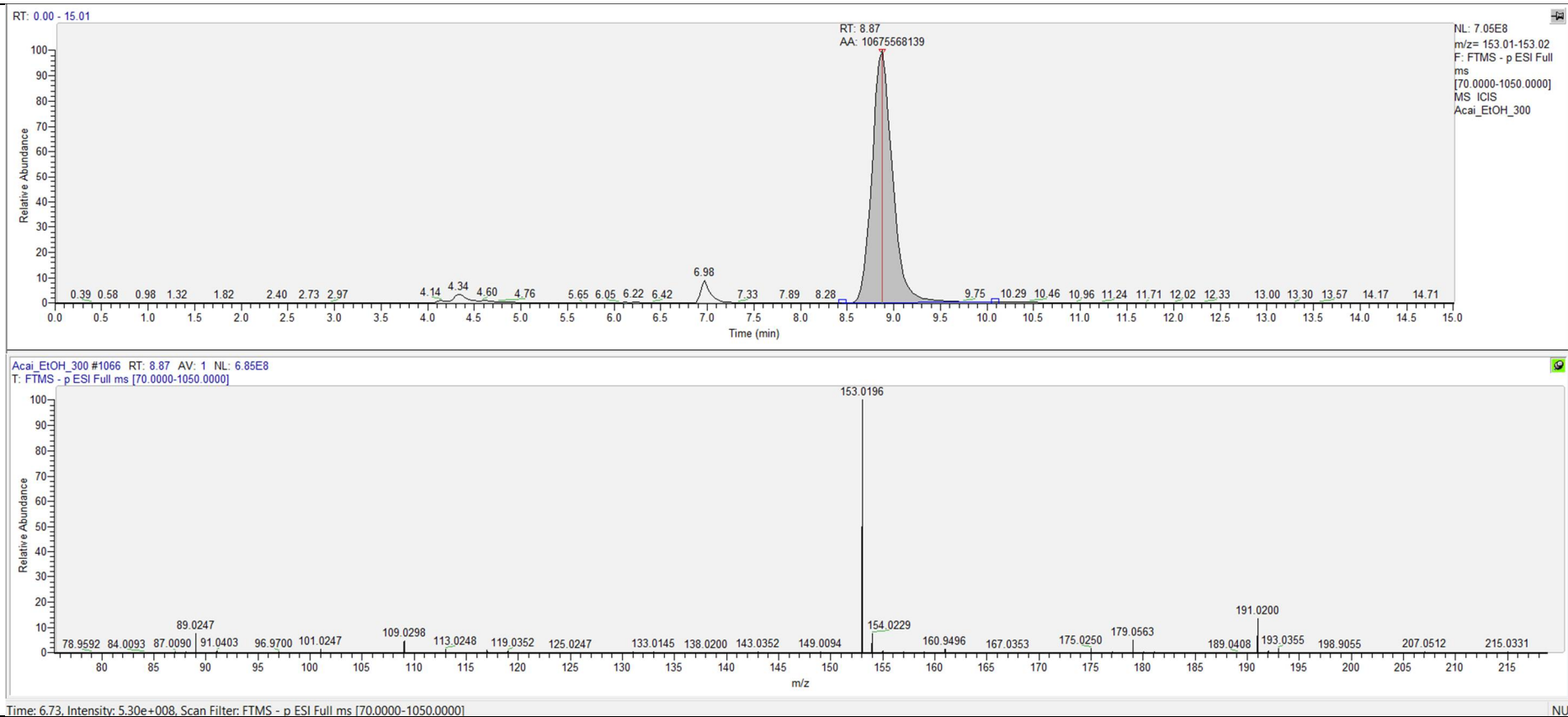


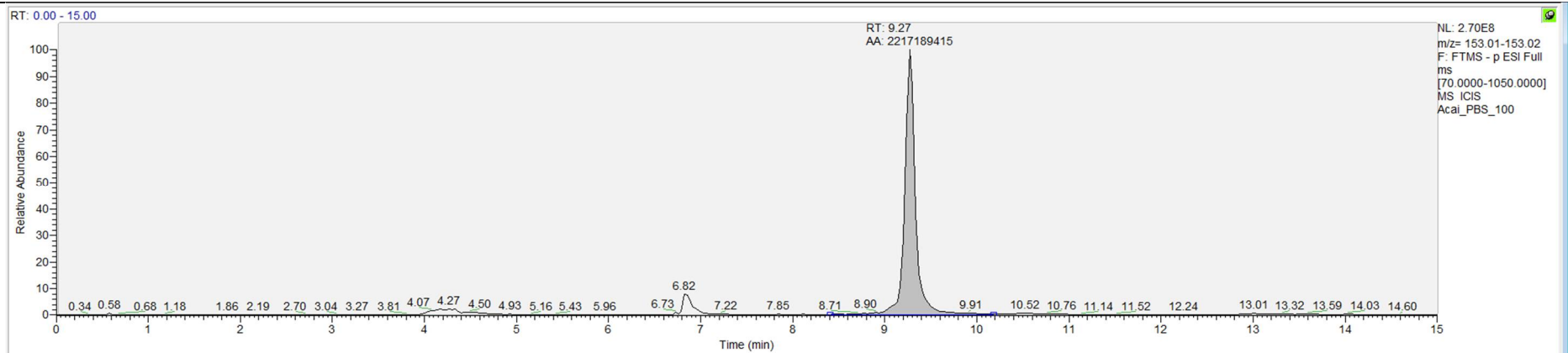


Benzoic acid

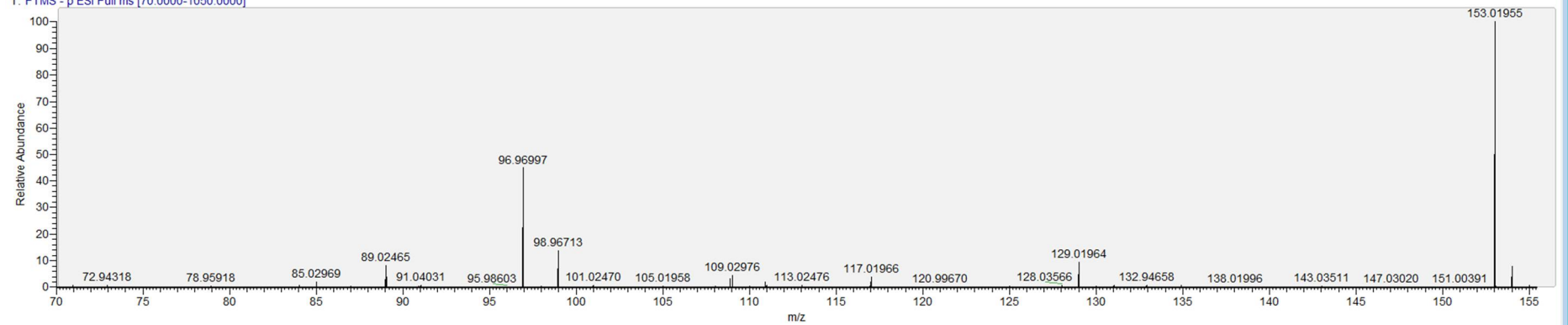


2,5-
Dihydroxybenzoic
acid

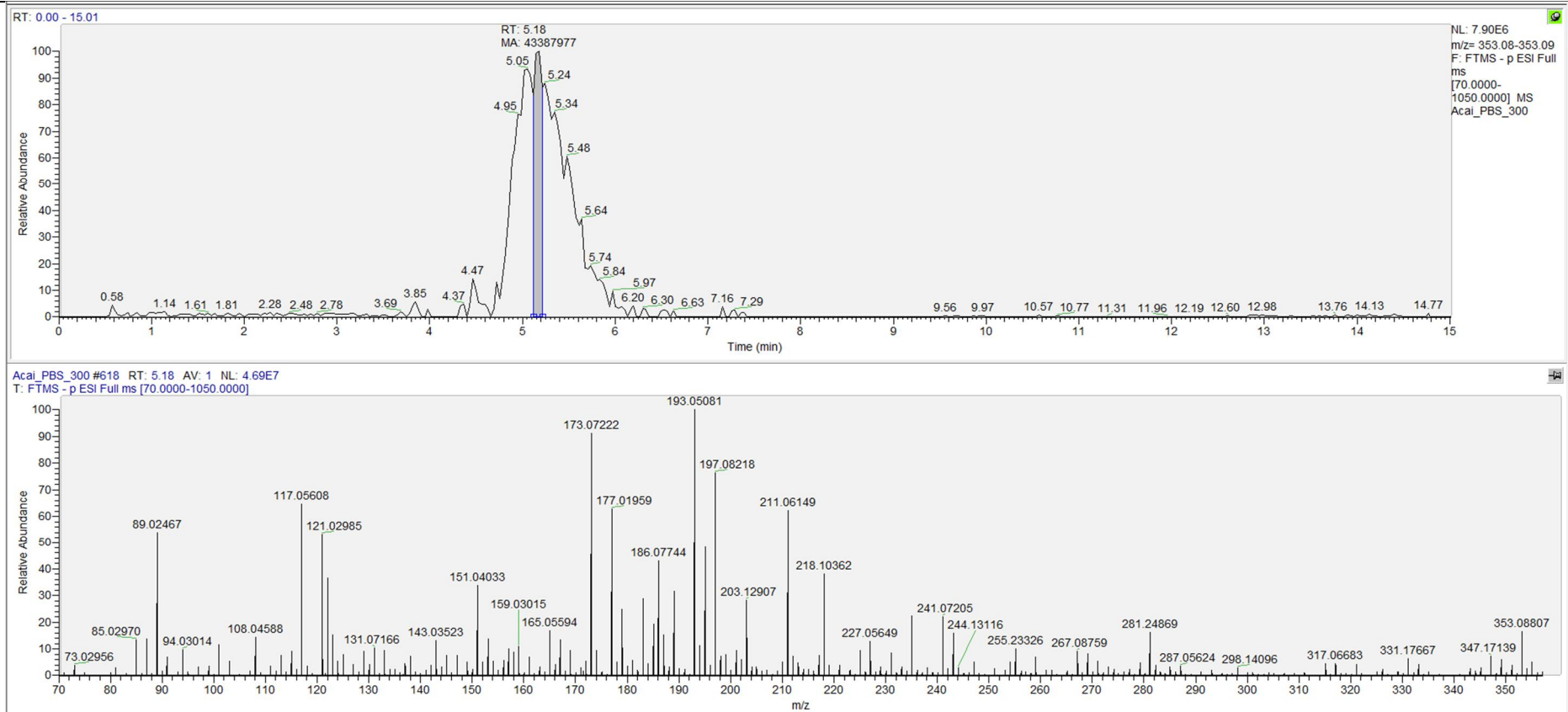


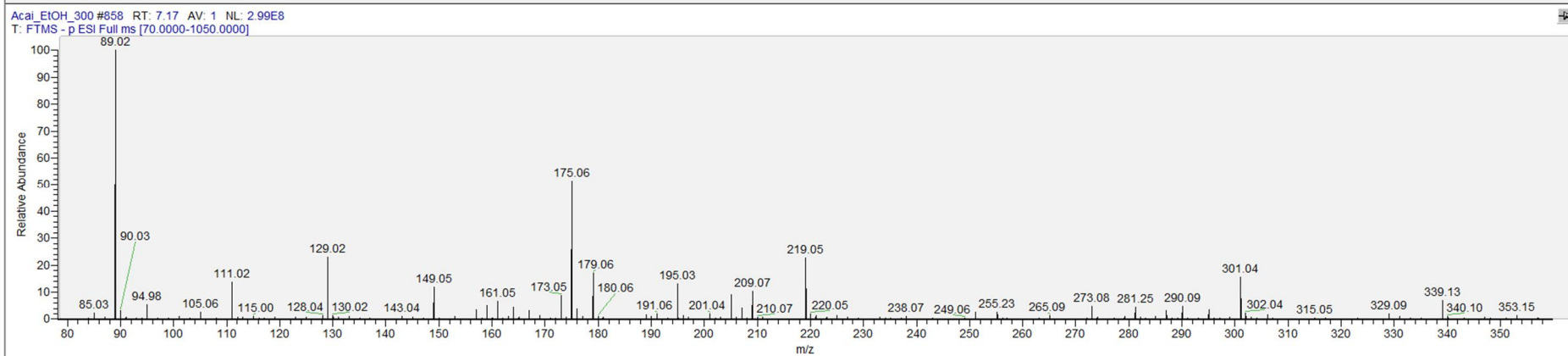
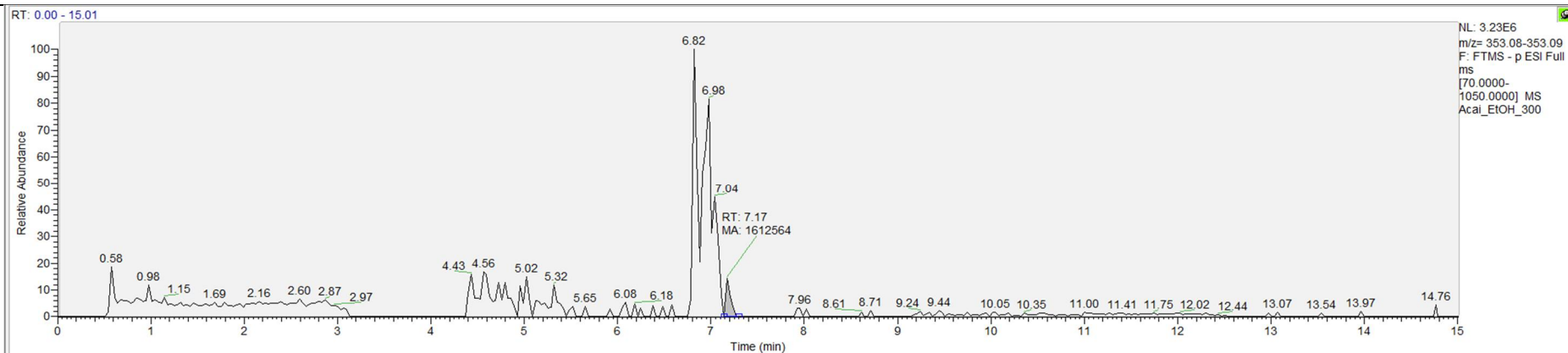


Acal_PBS_100 #1106 RT: 9.27 AV: 1 NL: 2.61E8
T: FTMS - p ESI Full ms [70.0000-1050.0000]

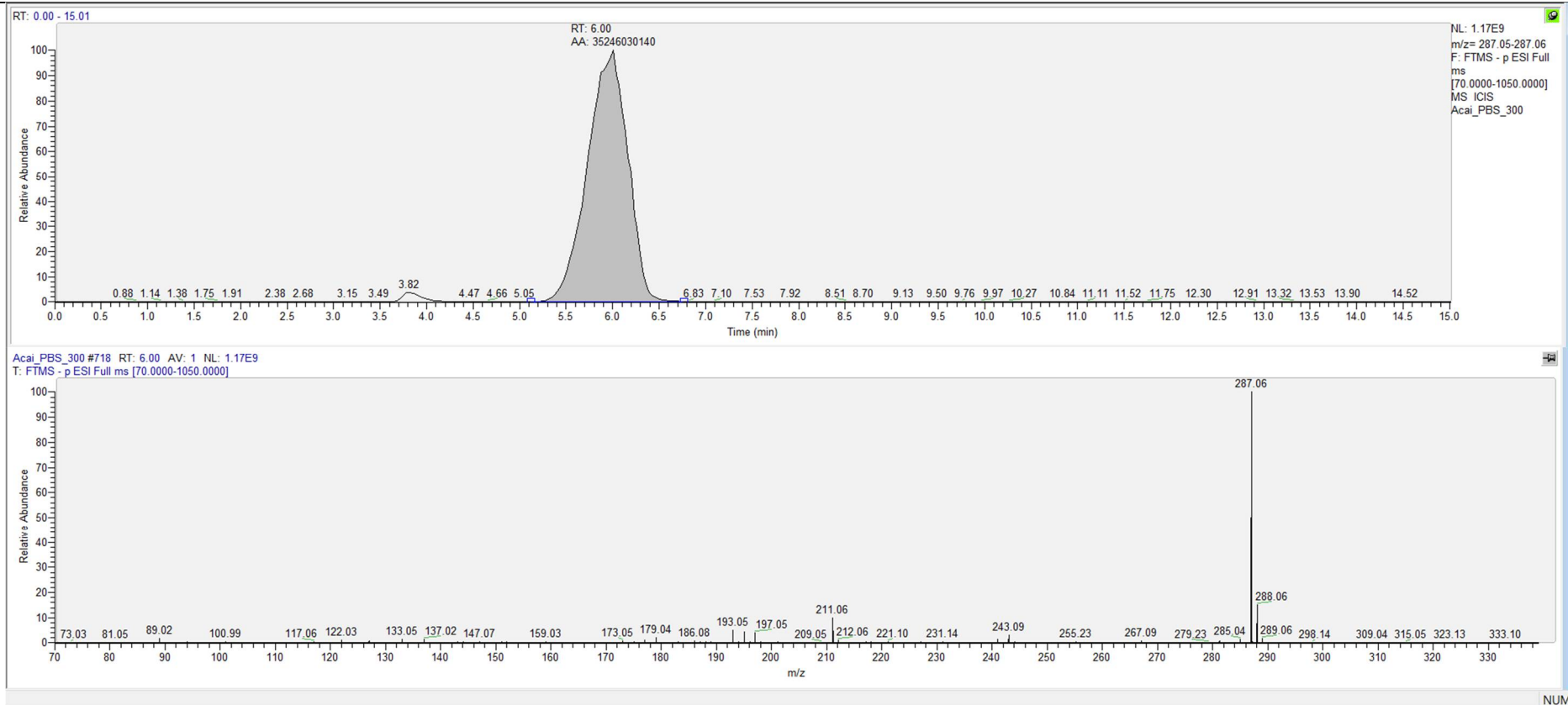


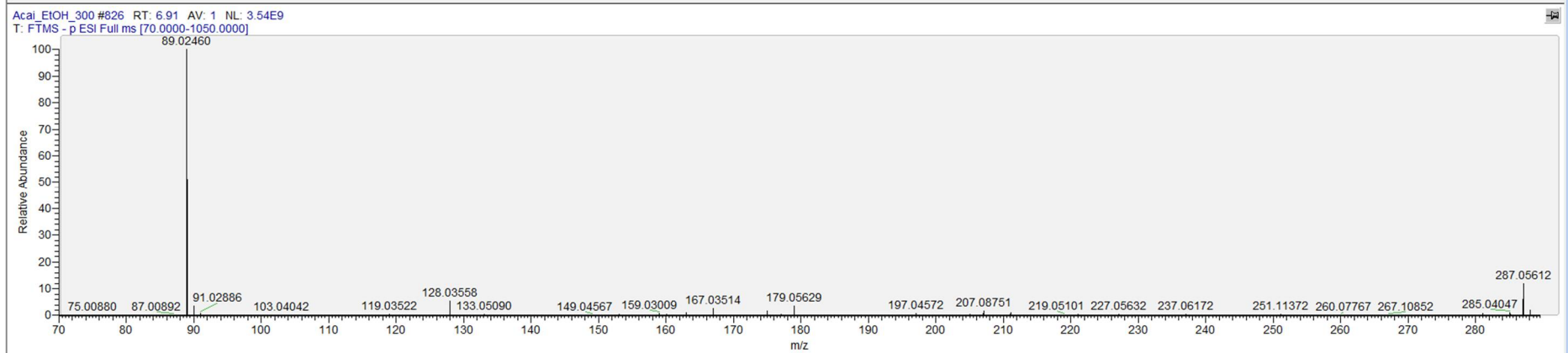
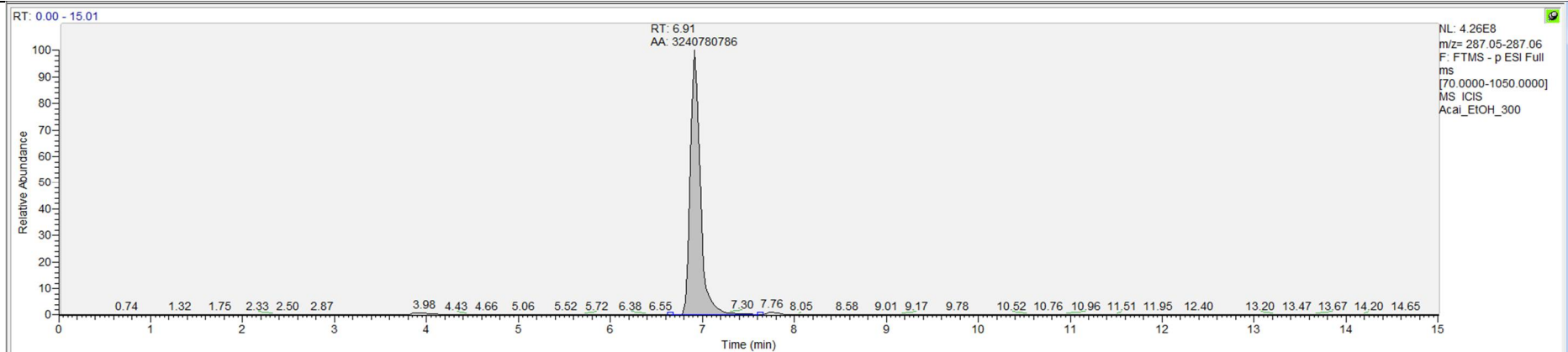
Chlorogenic acid



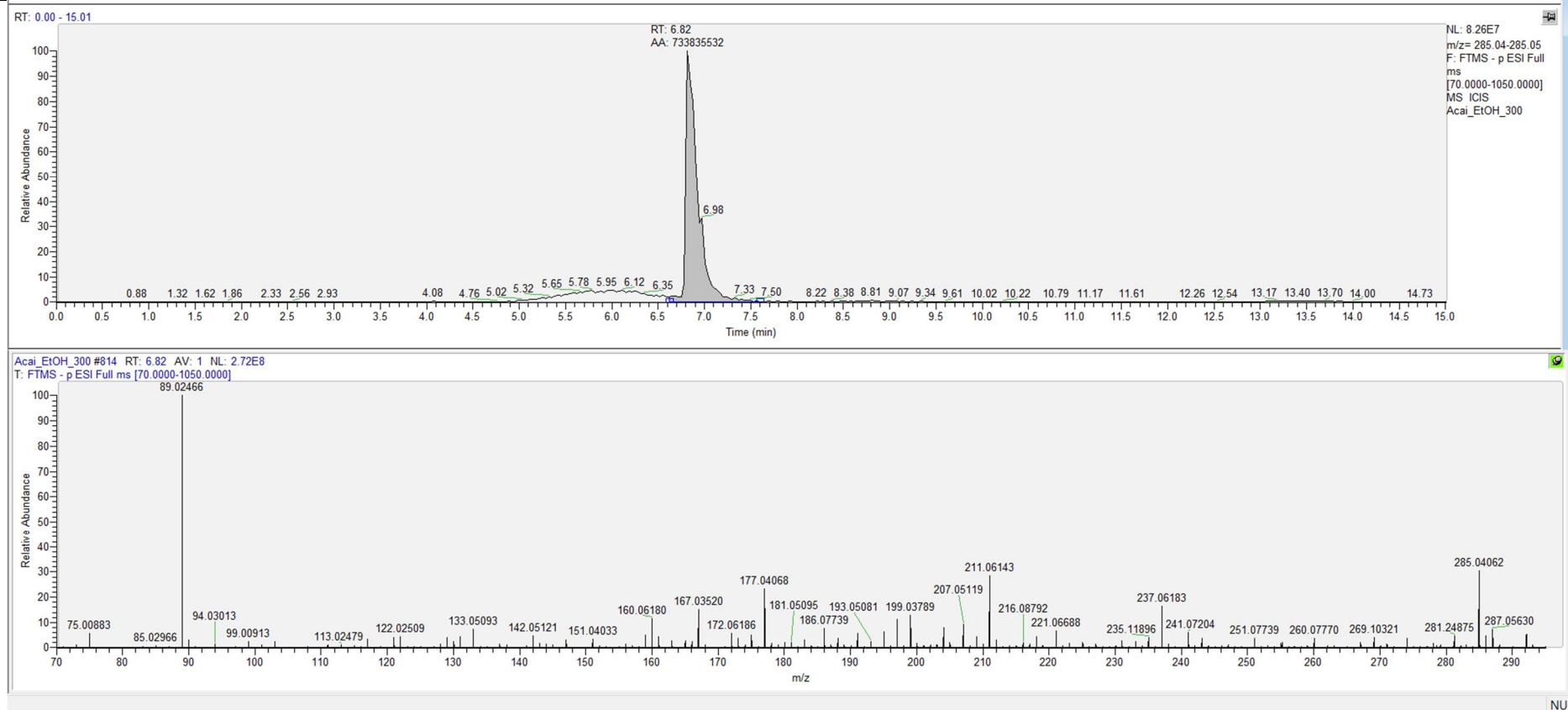


Dihydrokaempferol

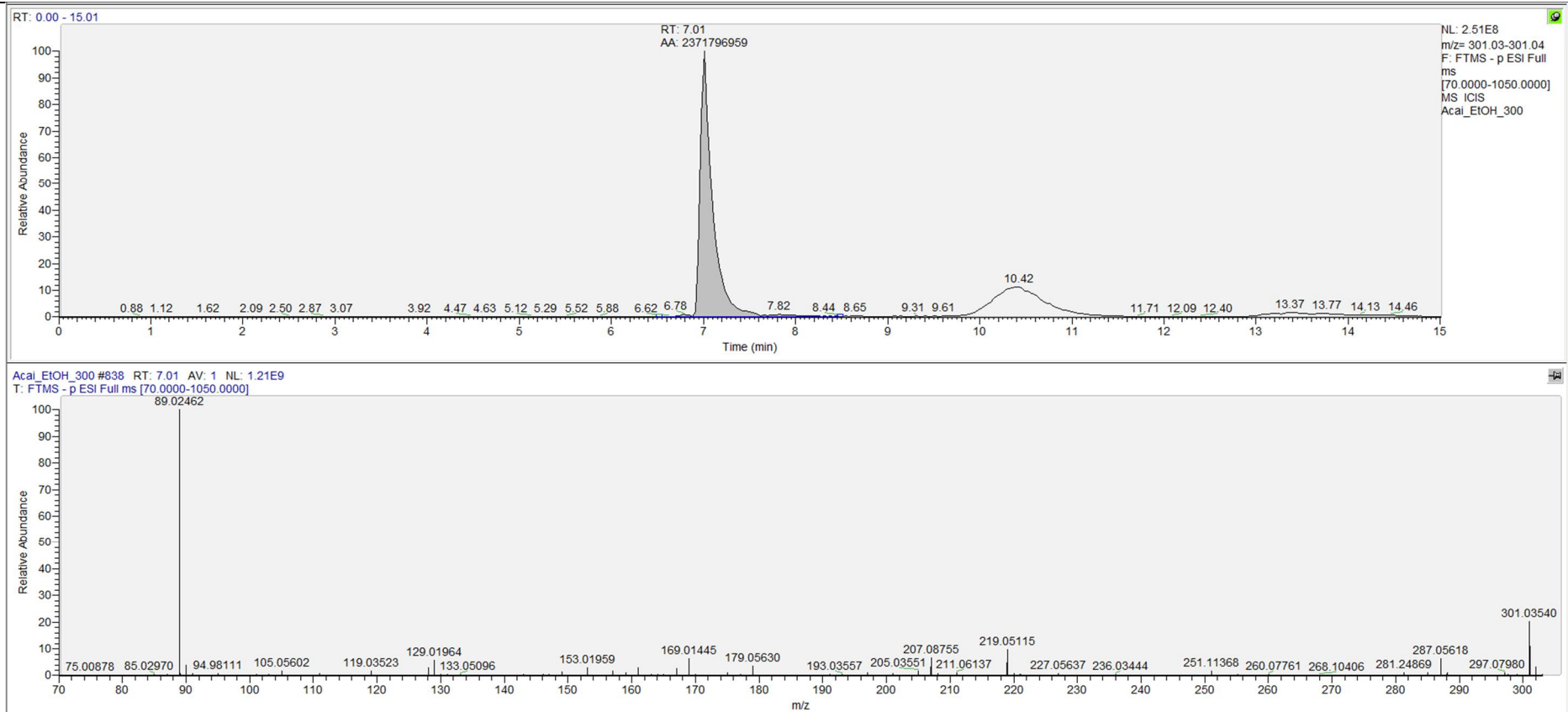




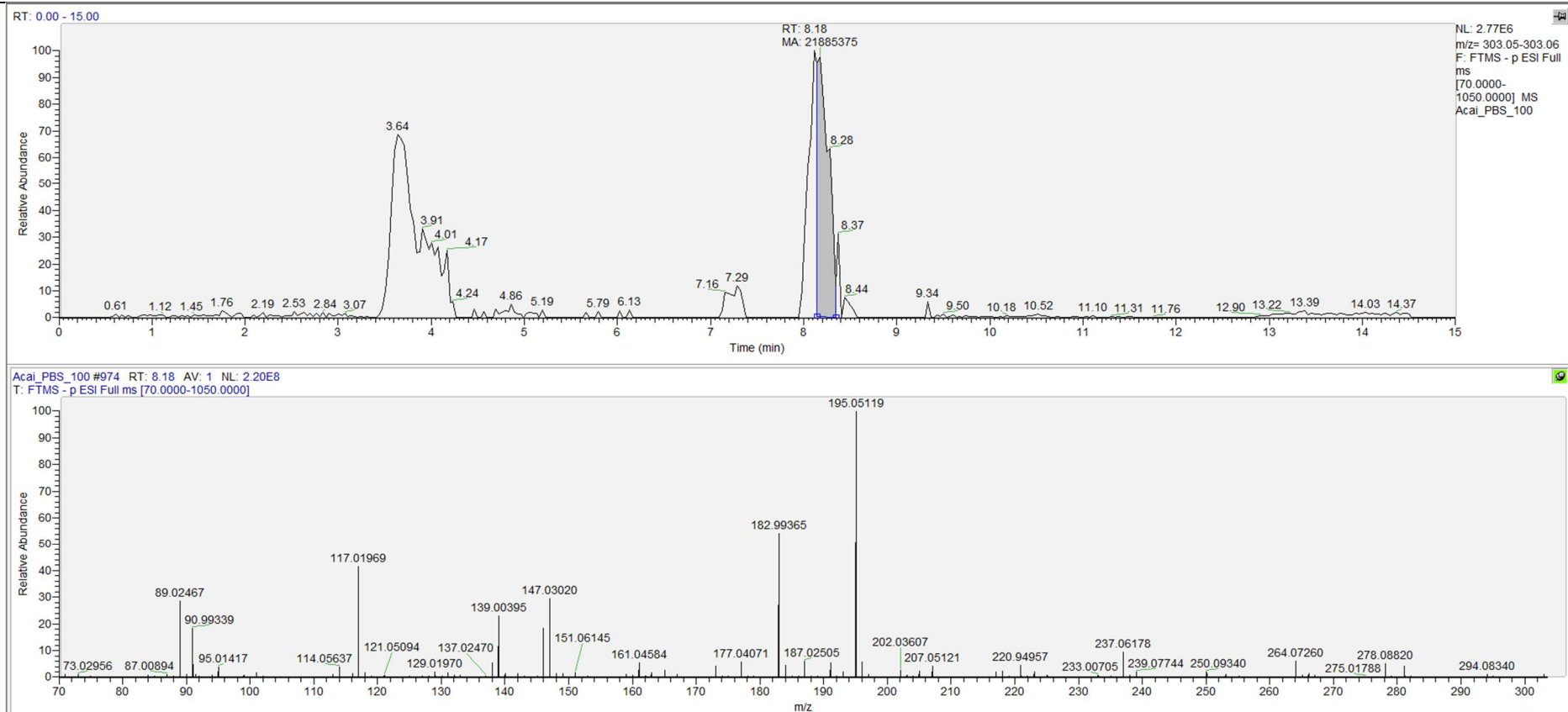
Luteolin

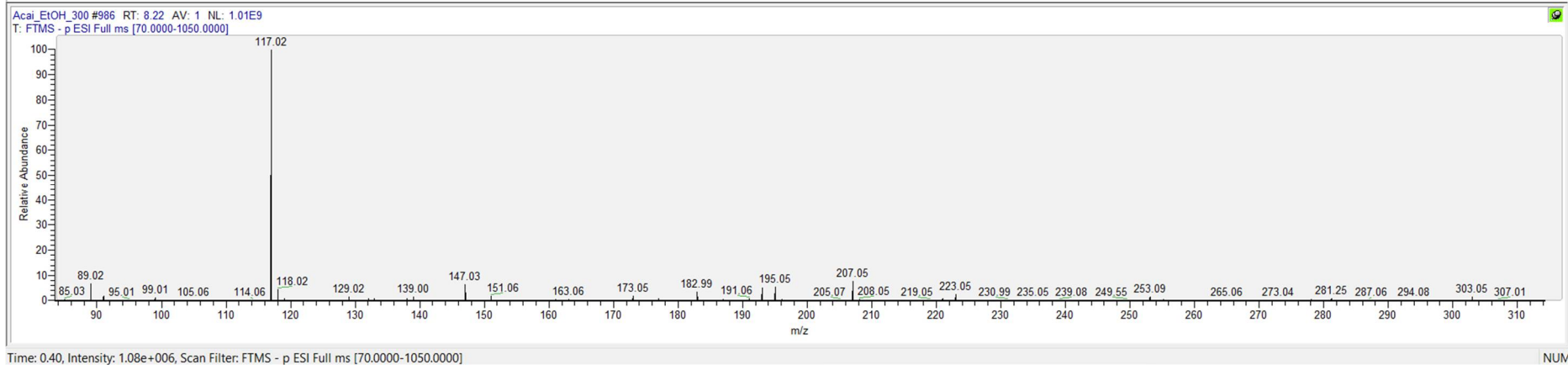
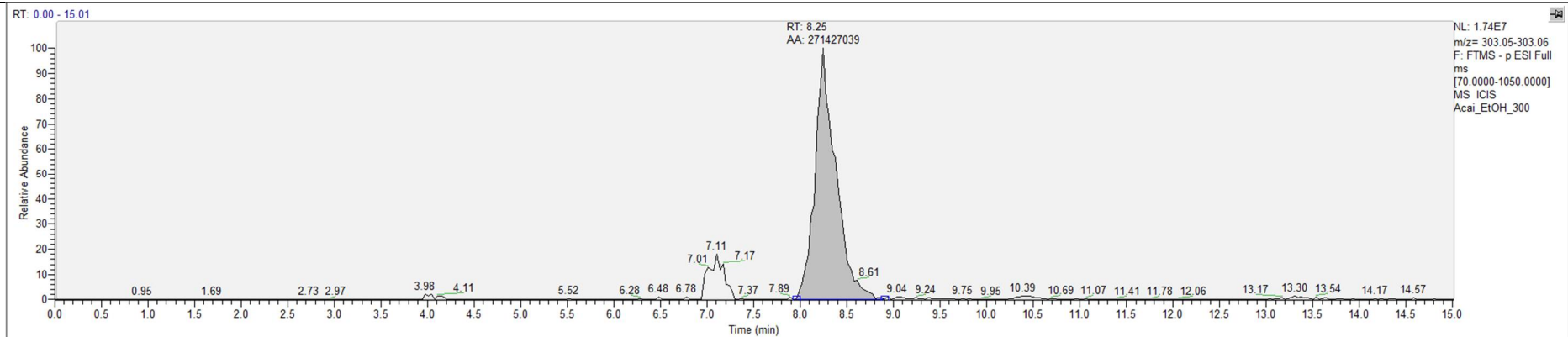


Quercetin

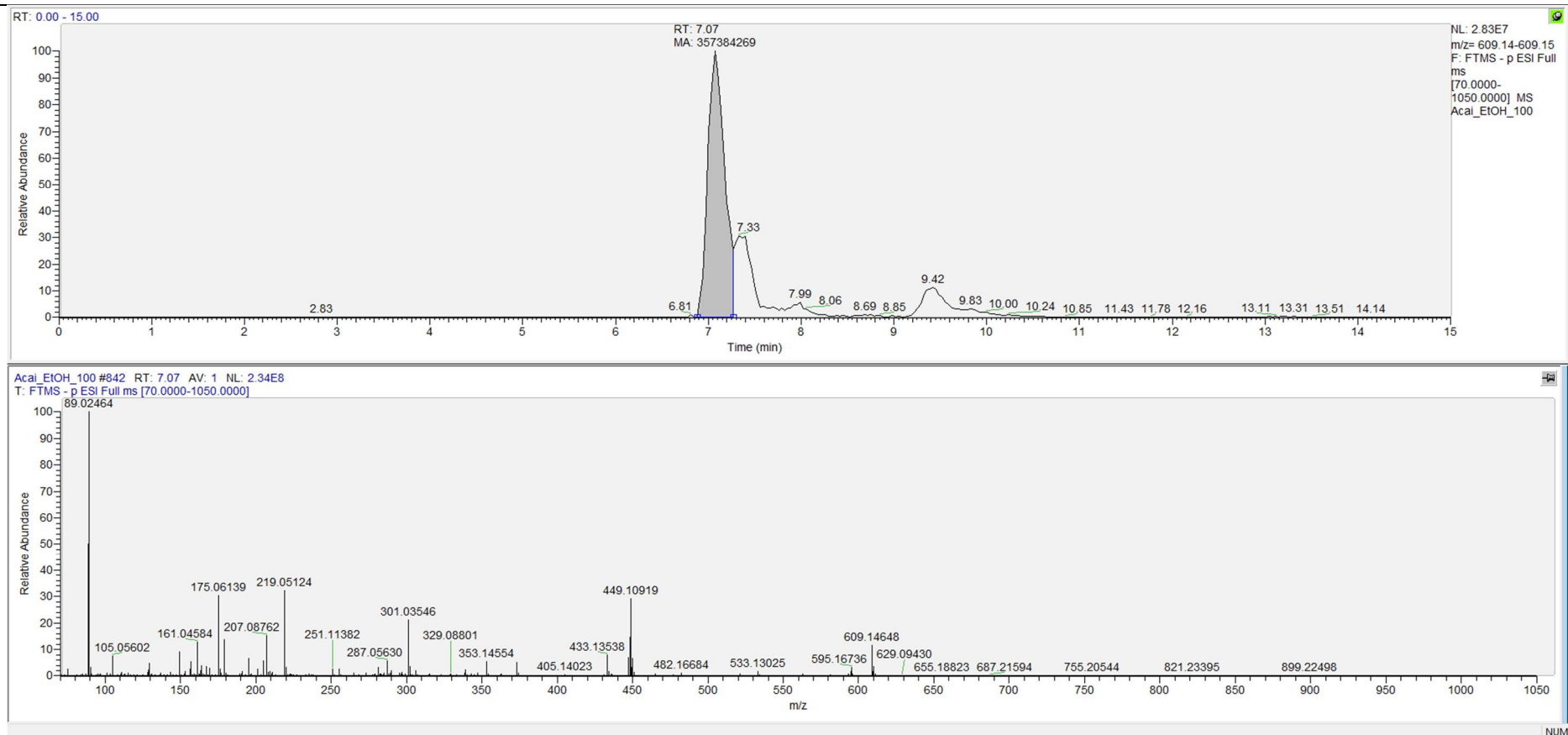


Taxifolin
deoxyhexose or
Taxifolin

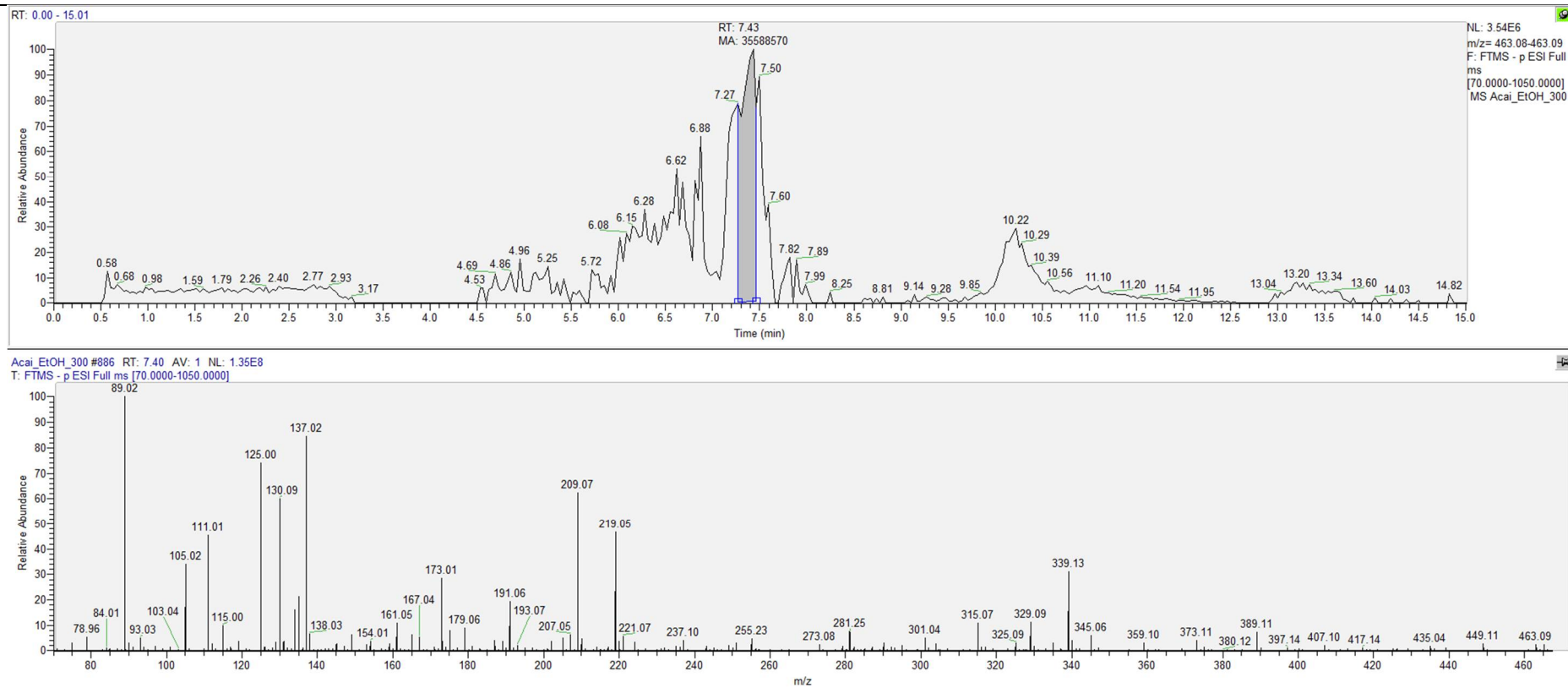




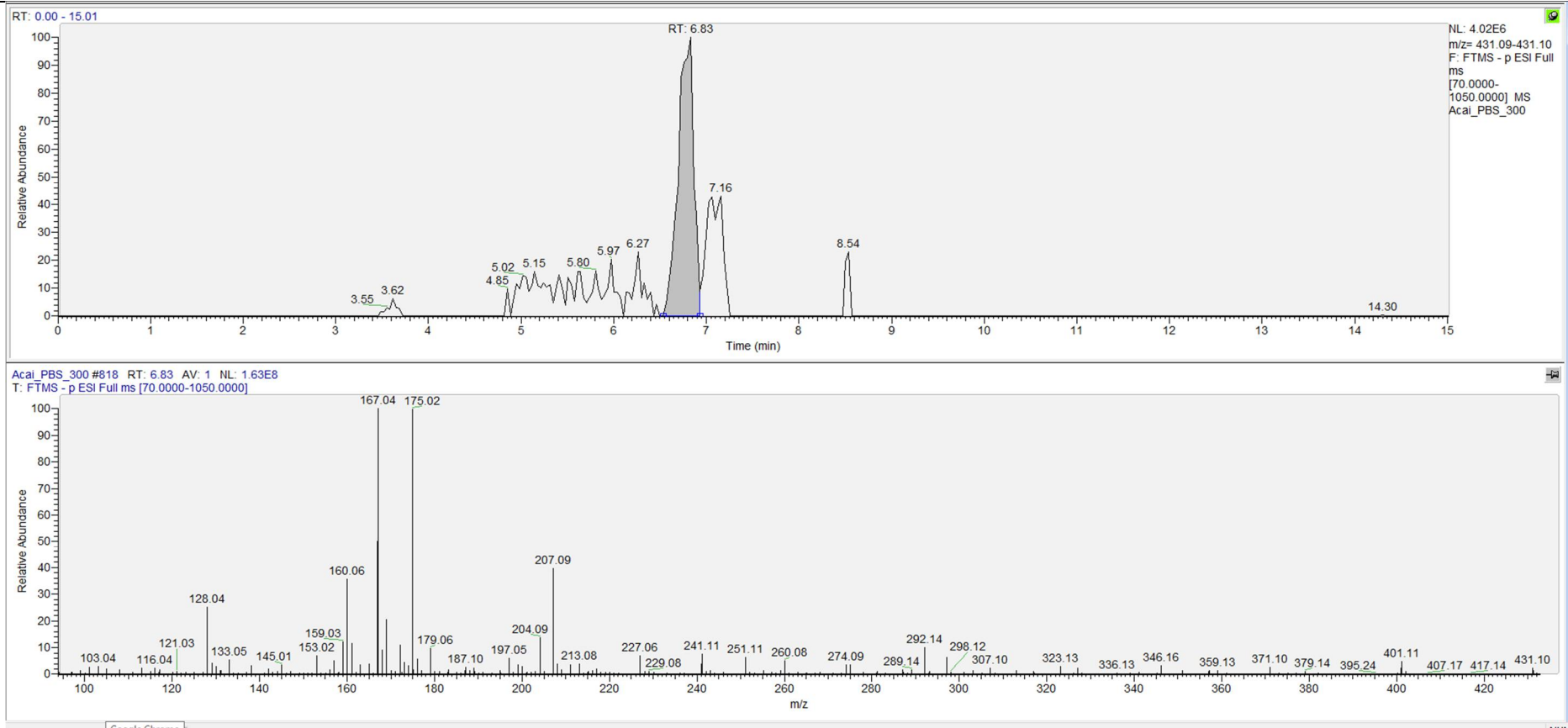
Quercetin-3-O-
rutinoside (rutin)



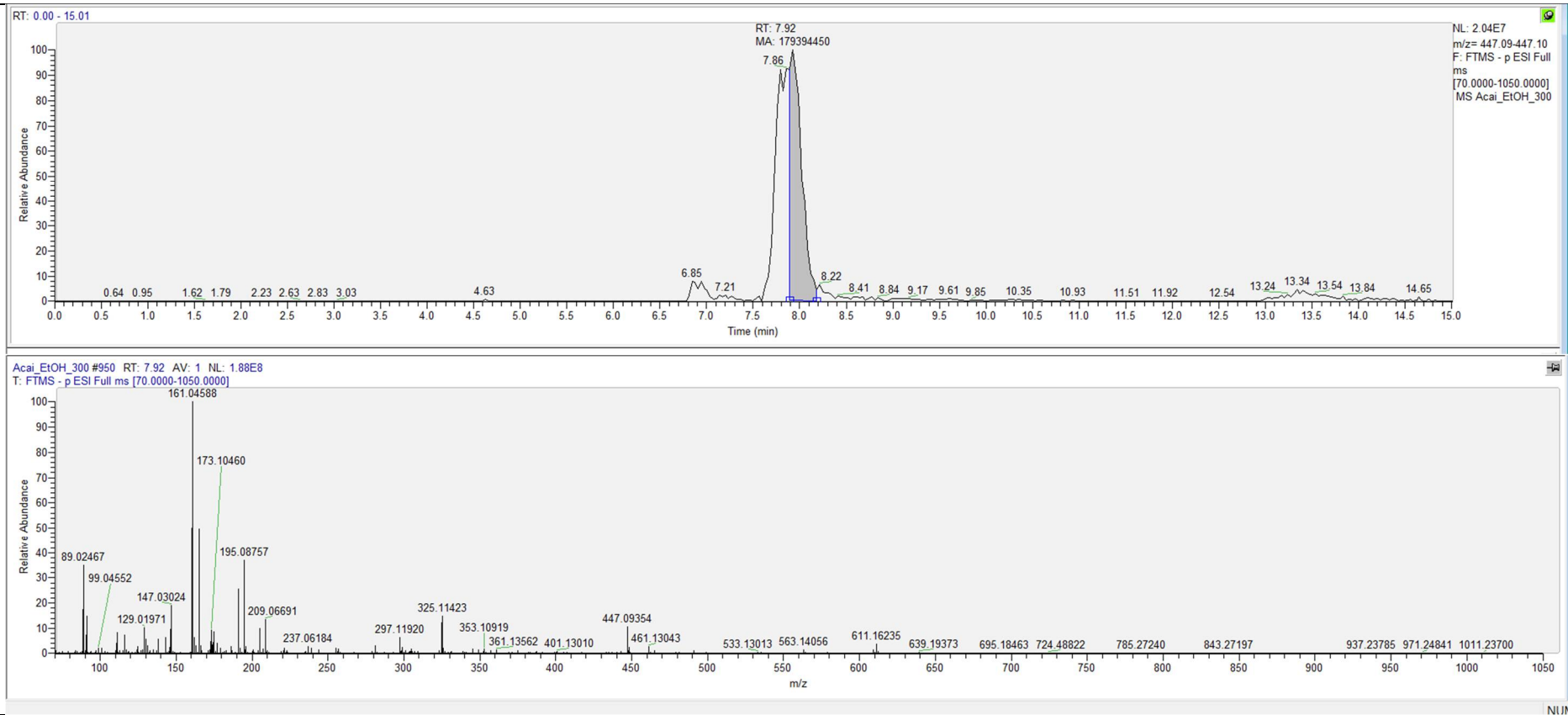
Quercetin 3-O-
glucoside
(Isoquercitrin)



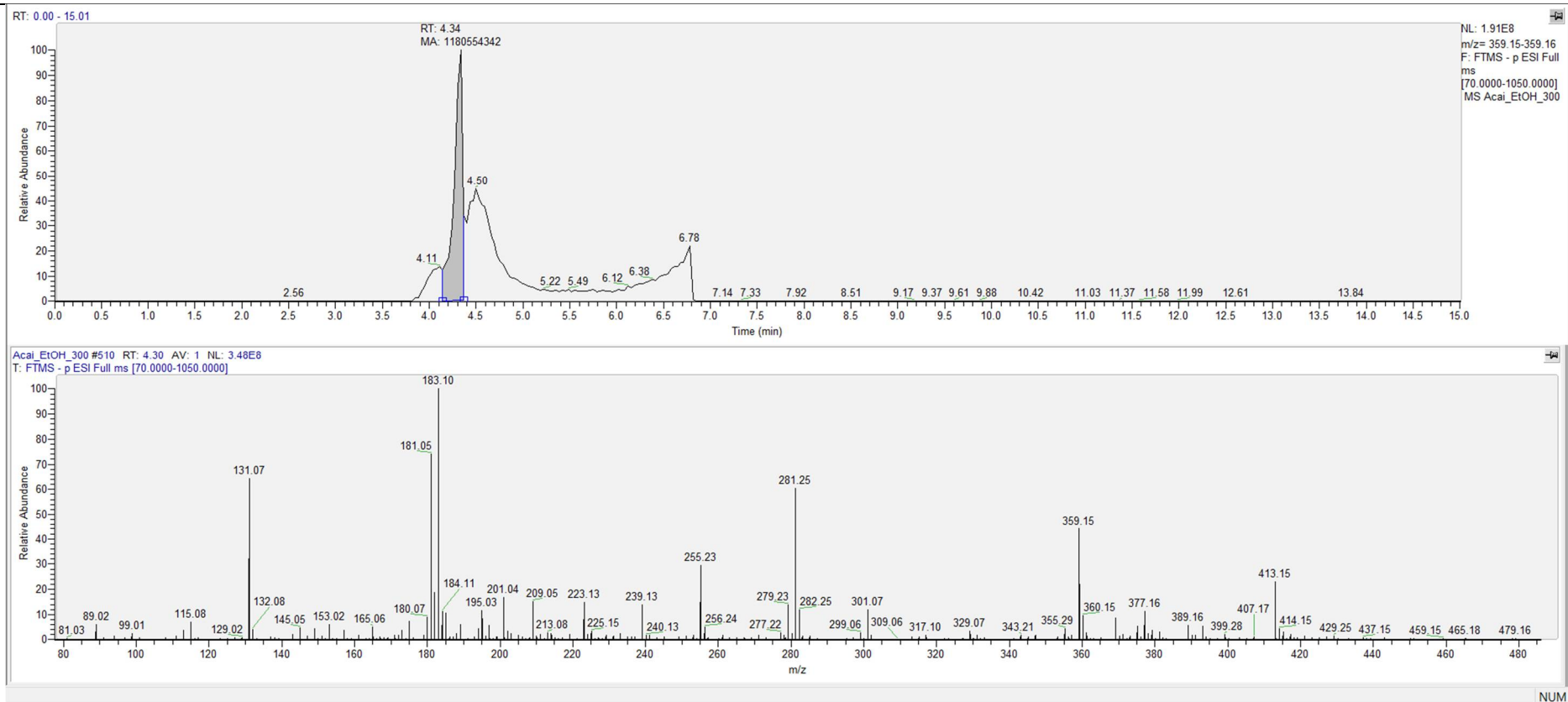
Kaempferol
rhamnoside

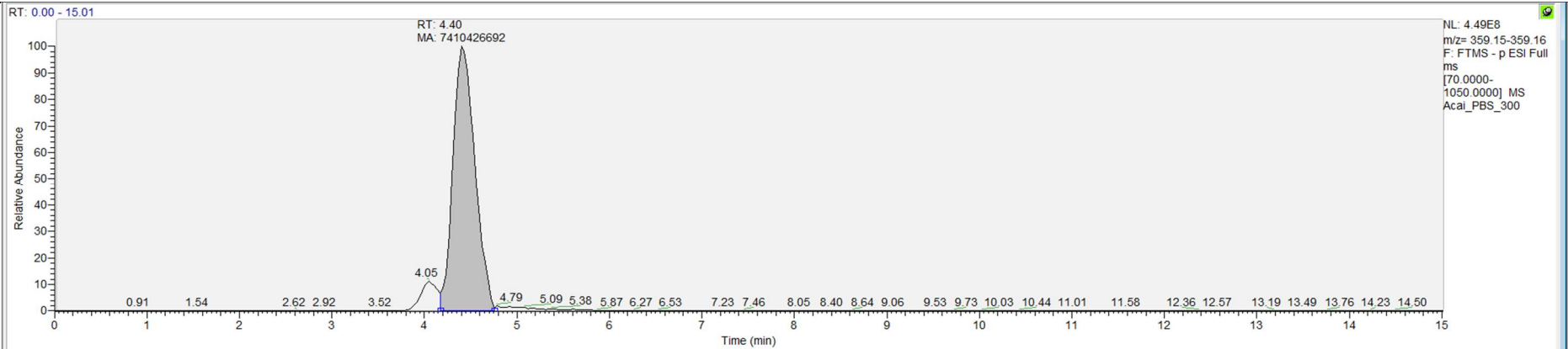


Isoorientin

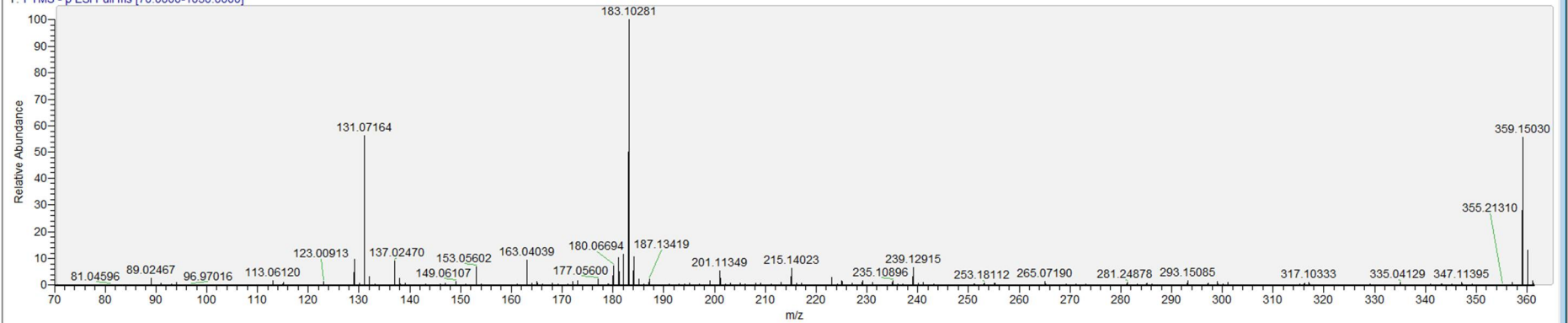


(+)-lariciresinol



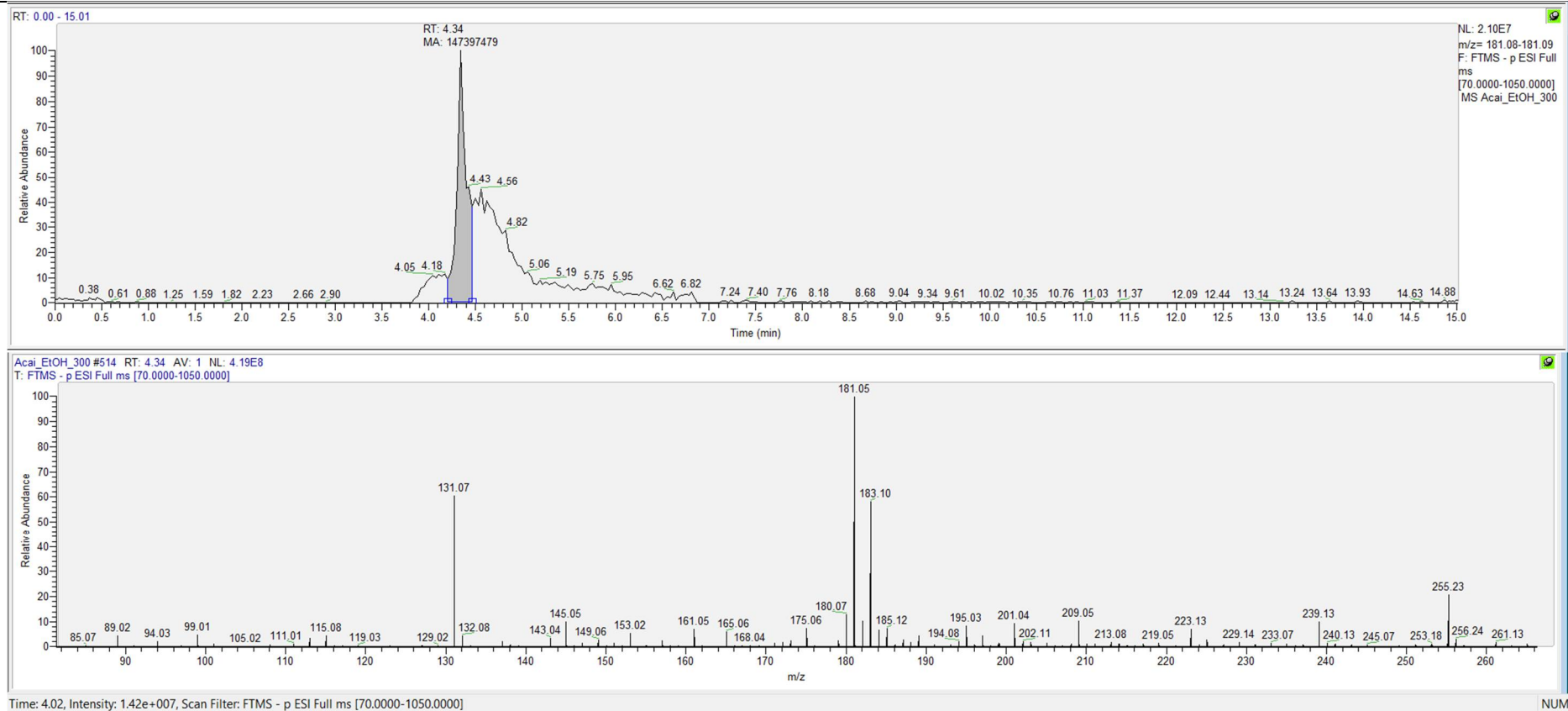


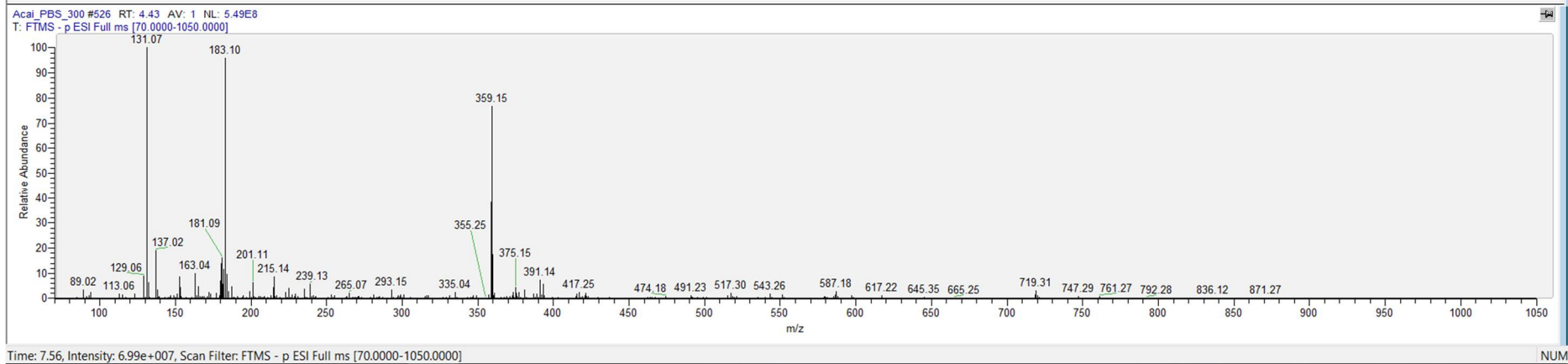
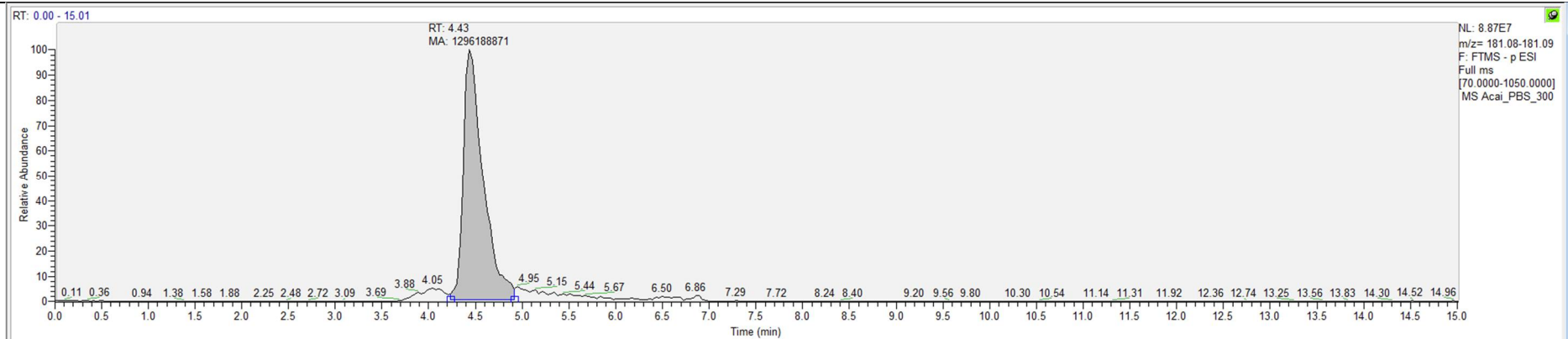
Acai_PBS_300 #522 RT: 4.40 AV: 1 NL: 7.56E8
T: FTMS - p ESI Full ms [70.0000-1050.0000]



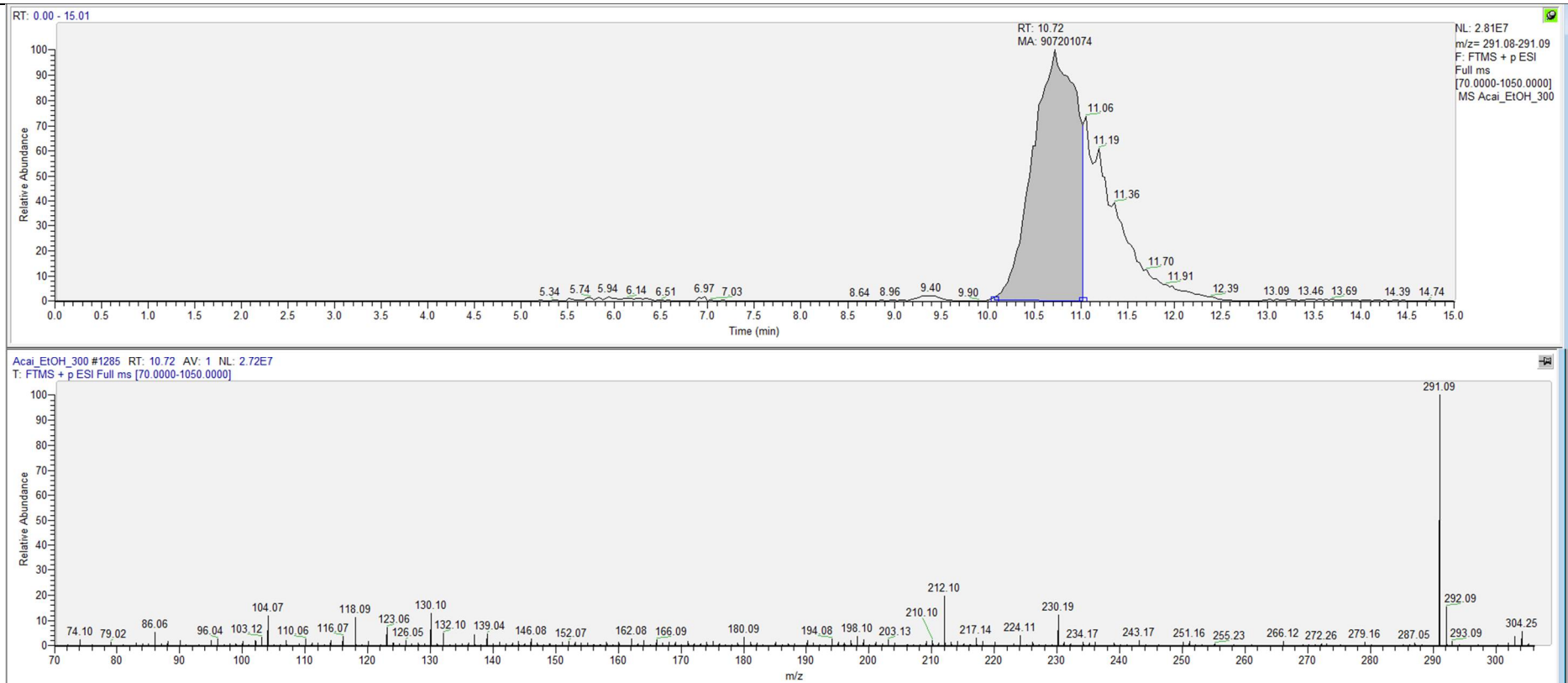
NUM

Dihydroconiferyl
alcohol



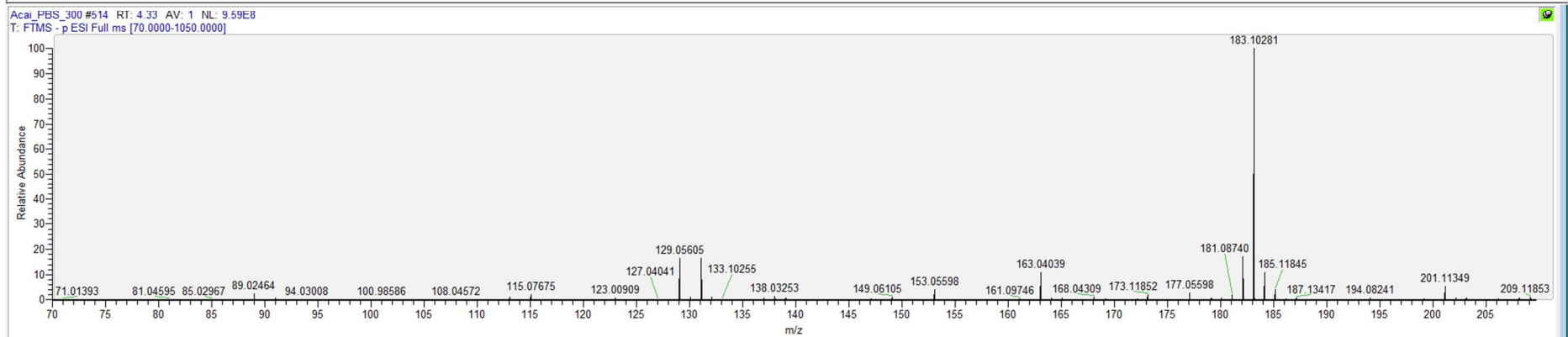
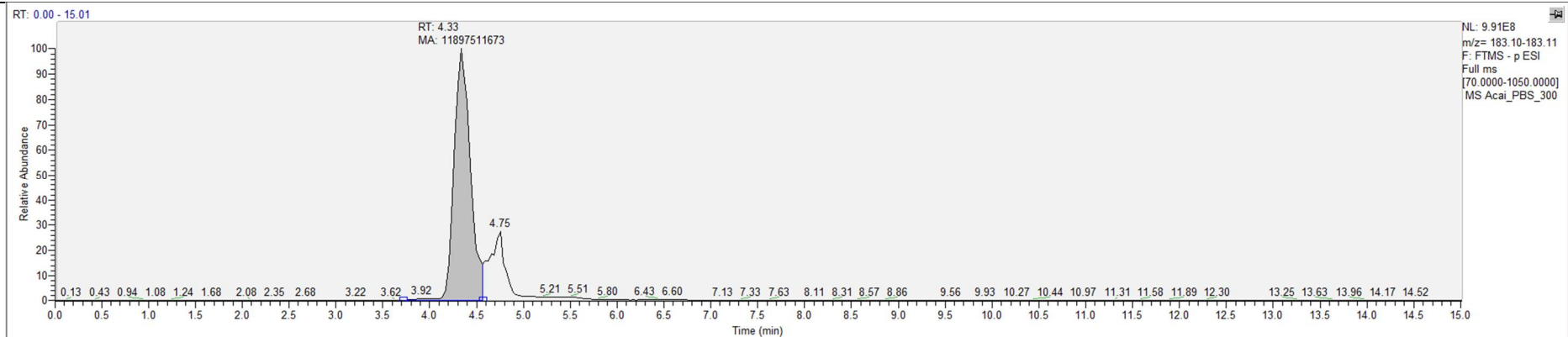


(+)-Catechin



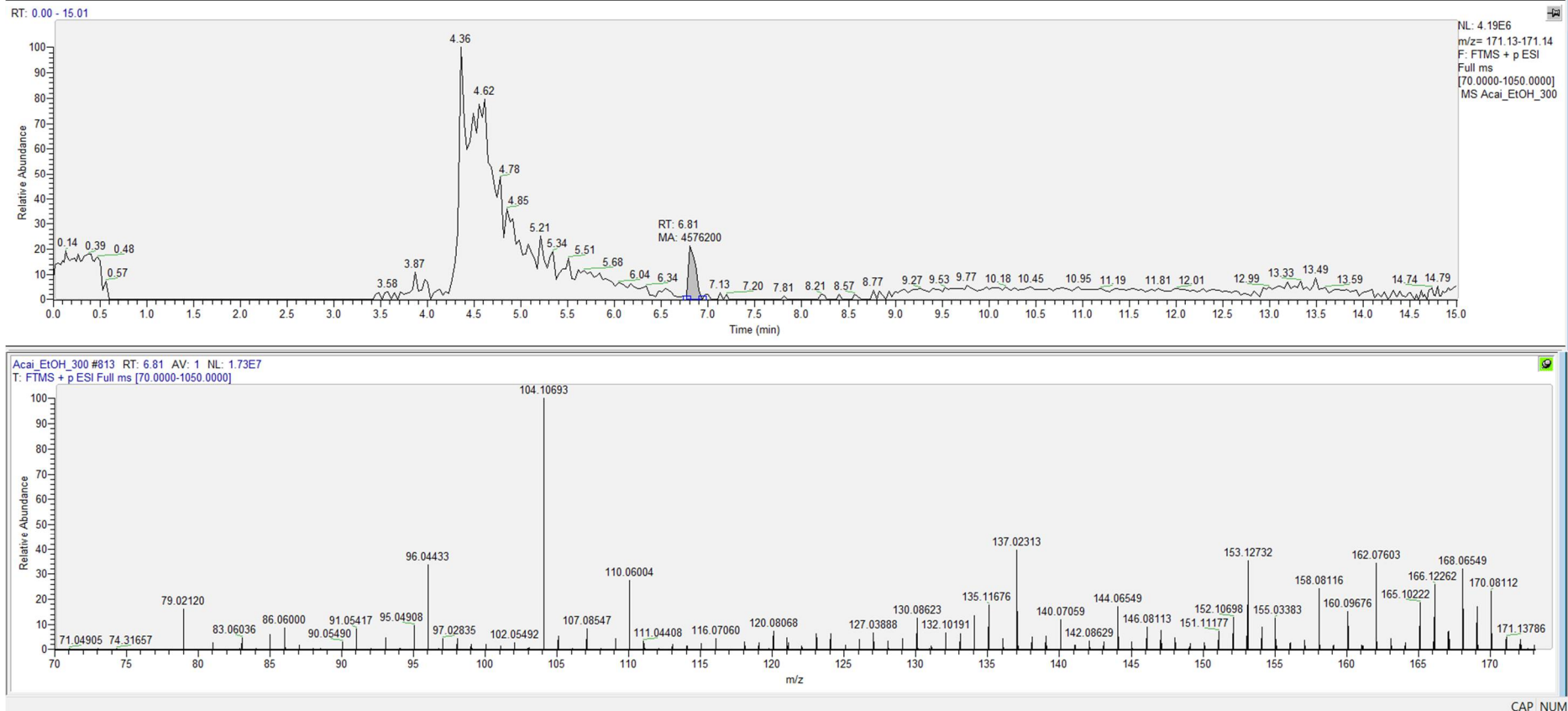
CAP NUM

(+)-menthiafolic
acid

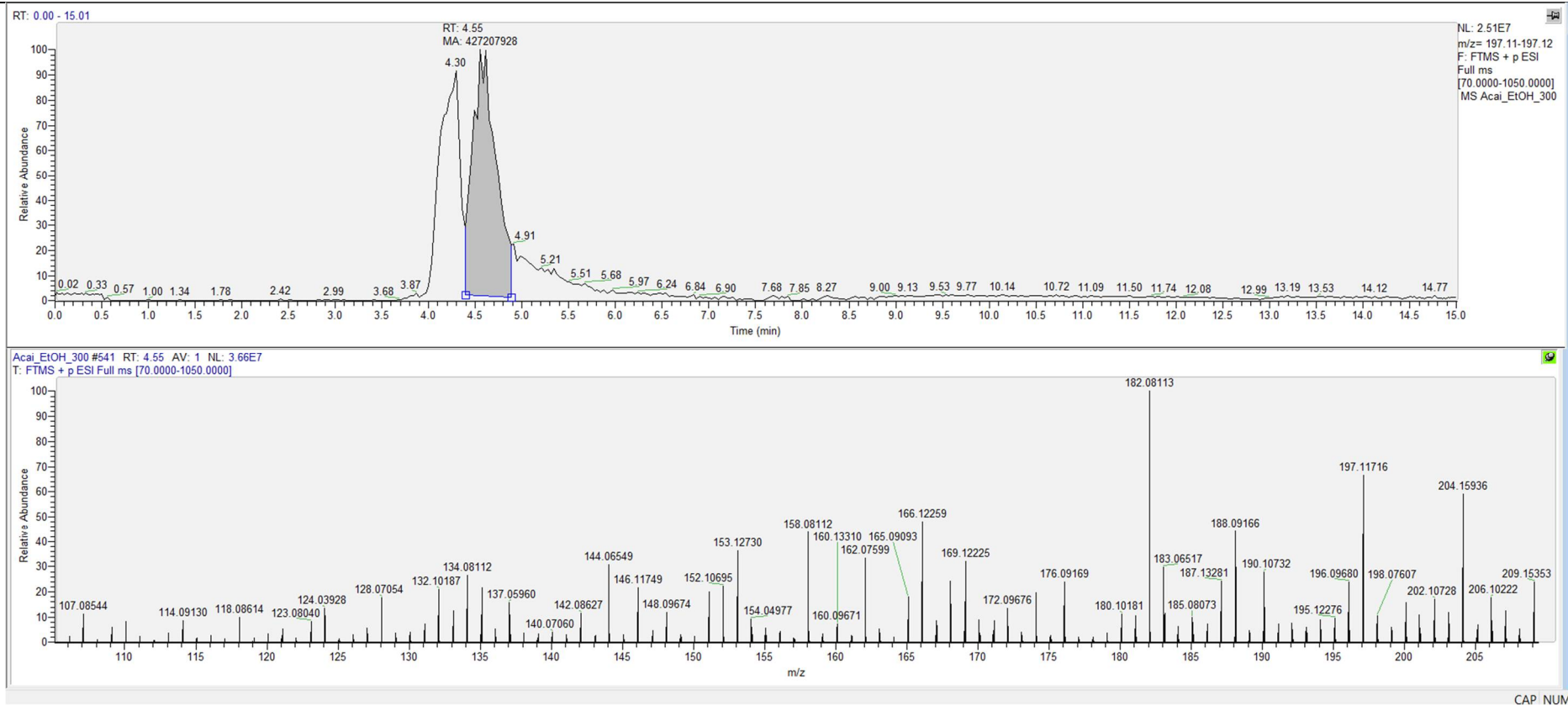


CAP NUM

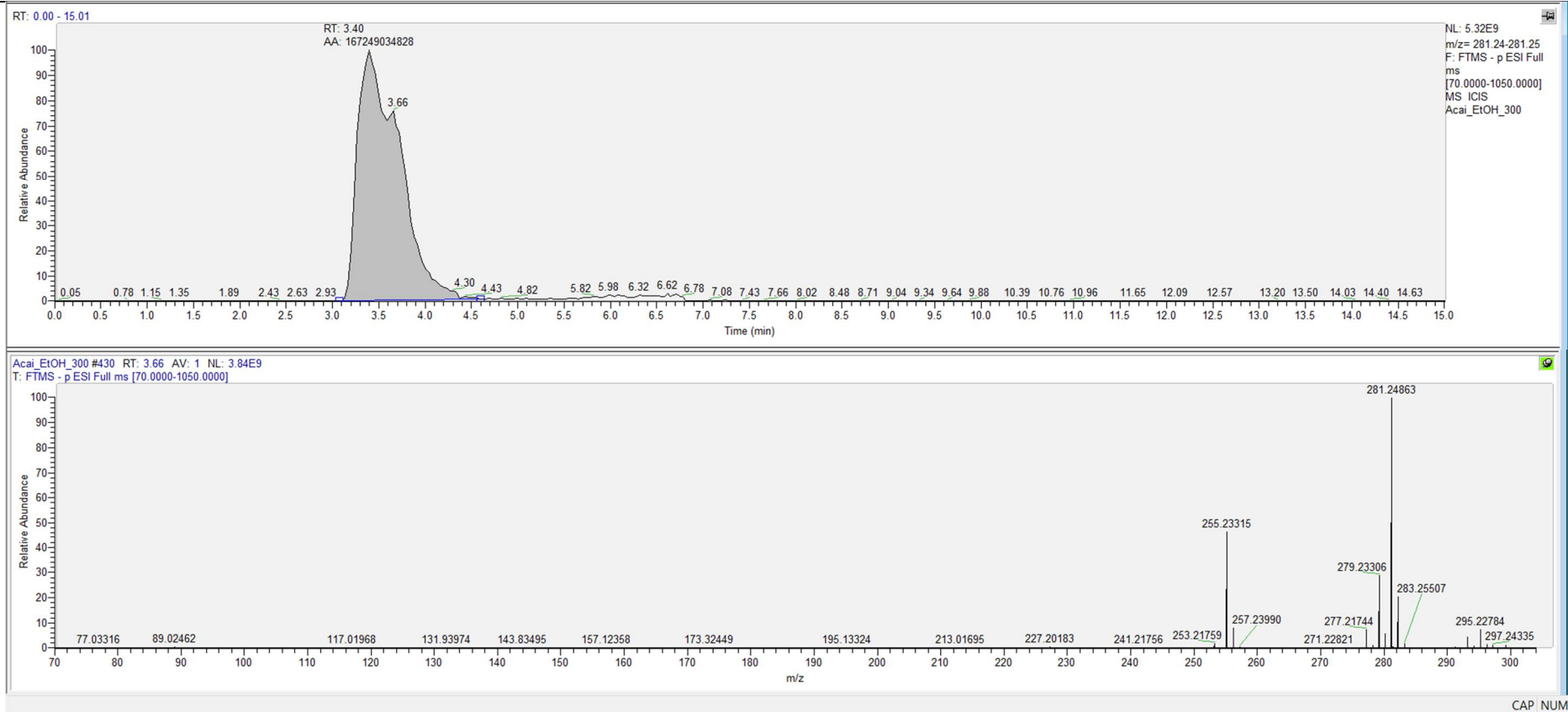
(E,Z)-2,6-dimethyl-
2,6-octadiene-1,8-
diol

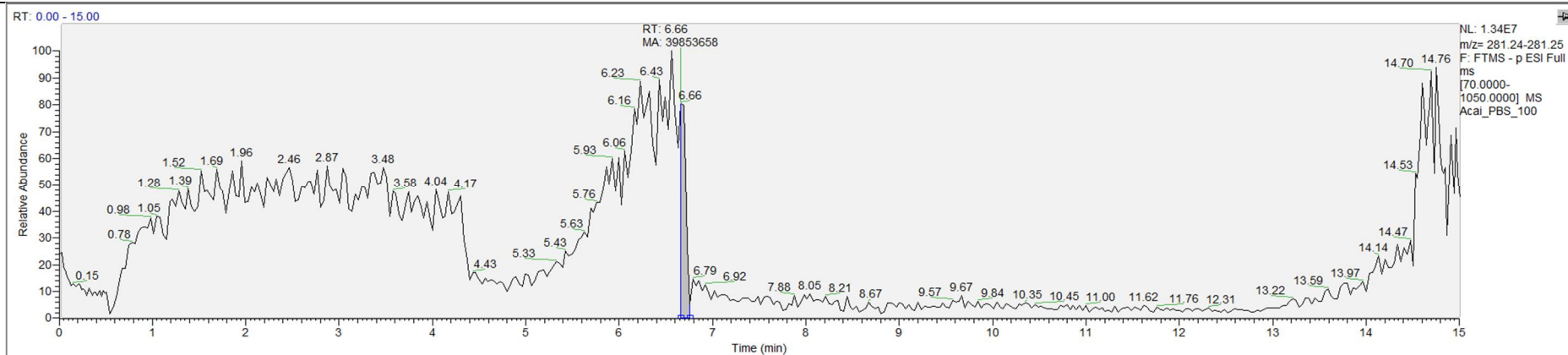


(-)-loliolide

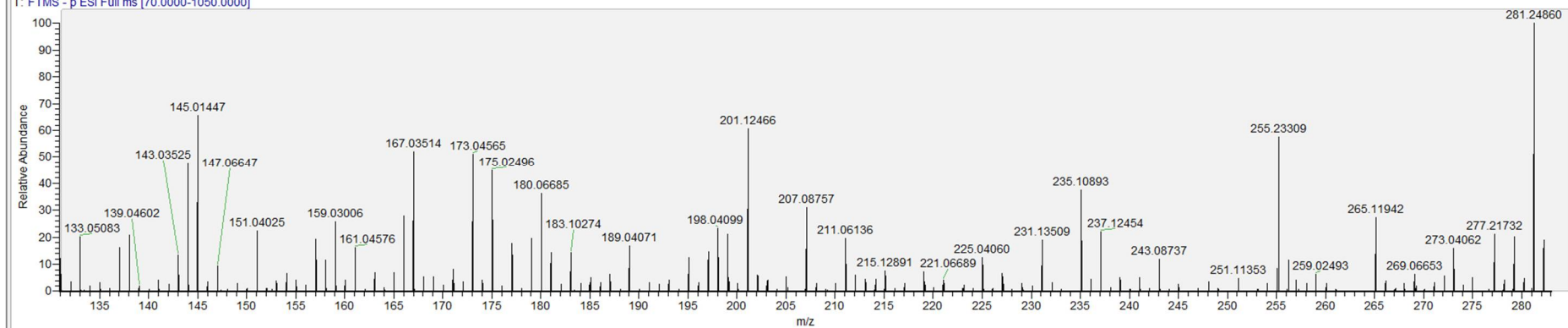


Oleic acid

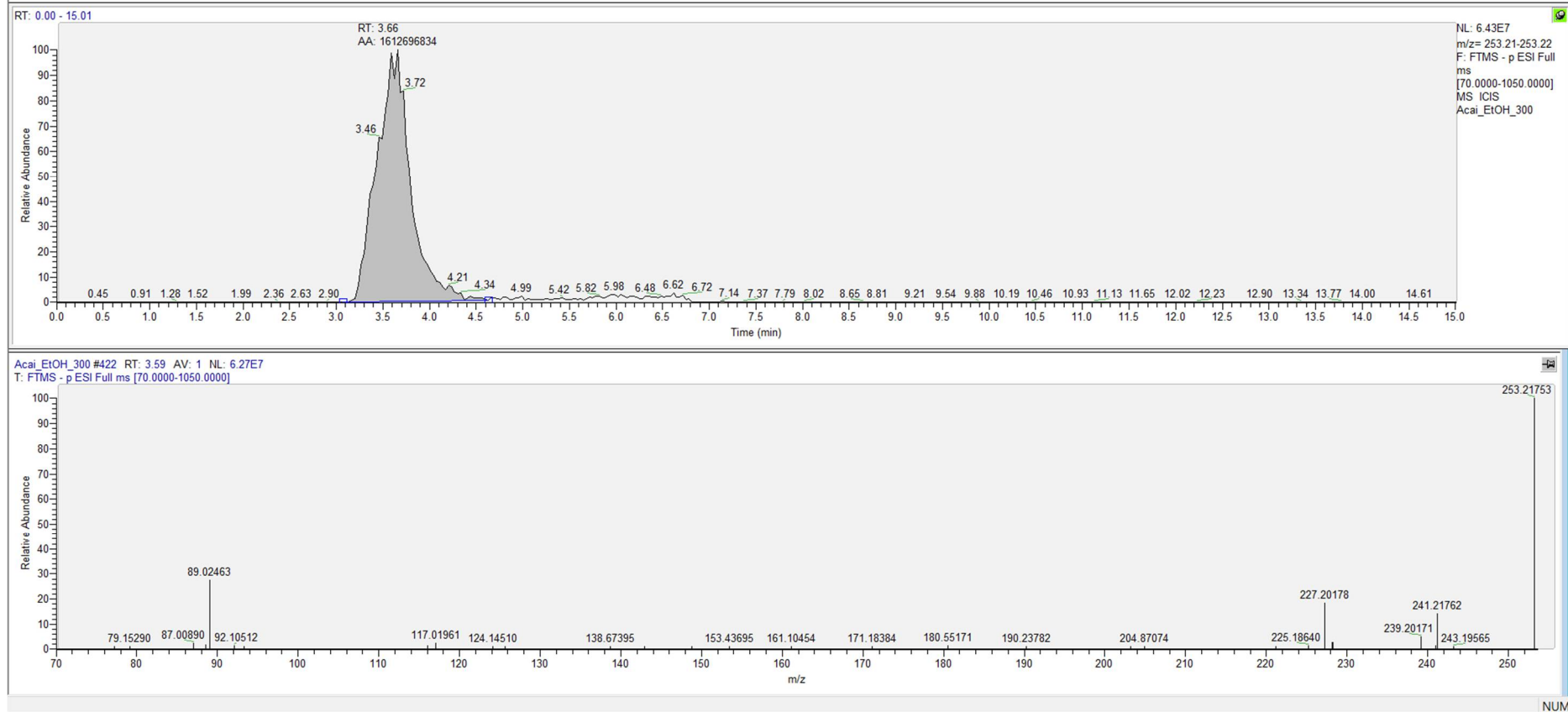




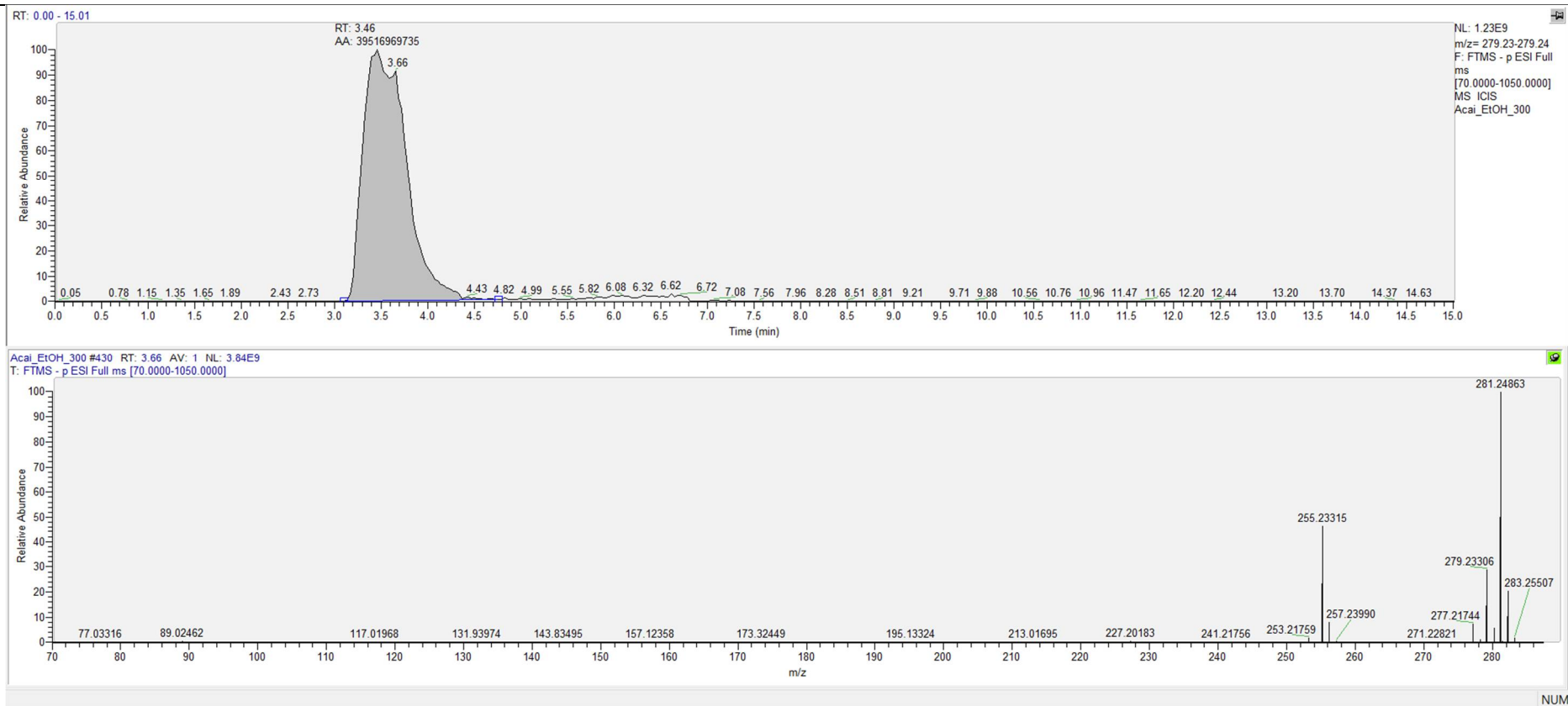
Acal_PBS_100 #790 RT: 6.66 AV: 1 NL: 1.02E7
T: FTMS - p ESI Full ms [70.0000-1050.0000]



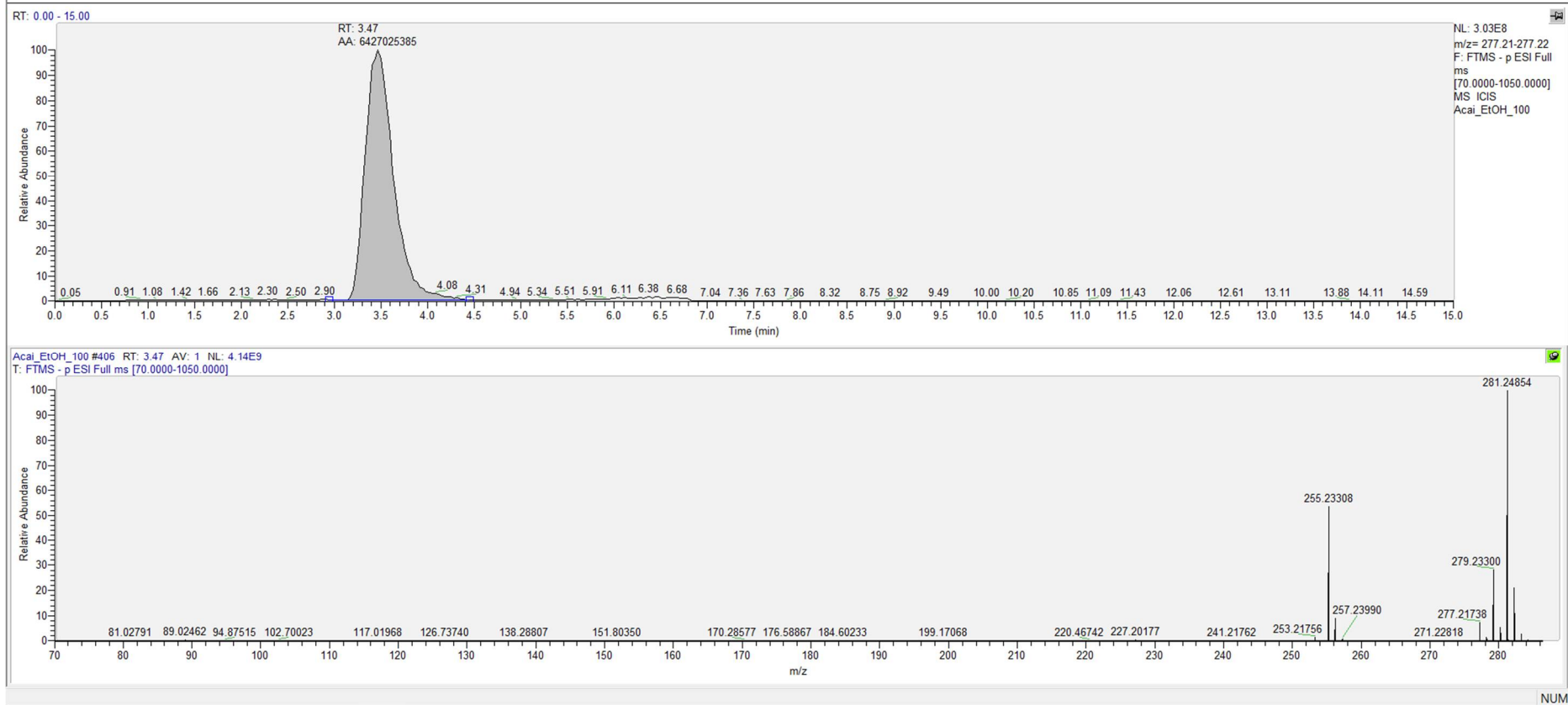
Palmitoleic acid



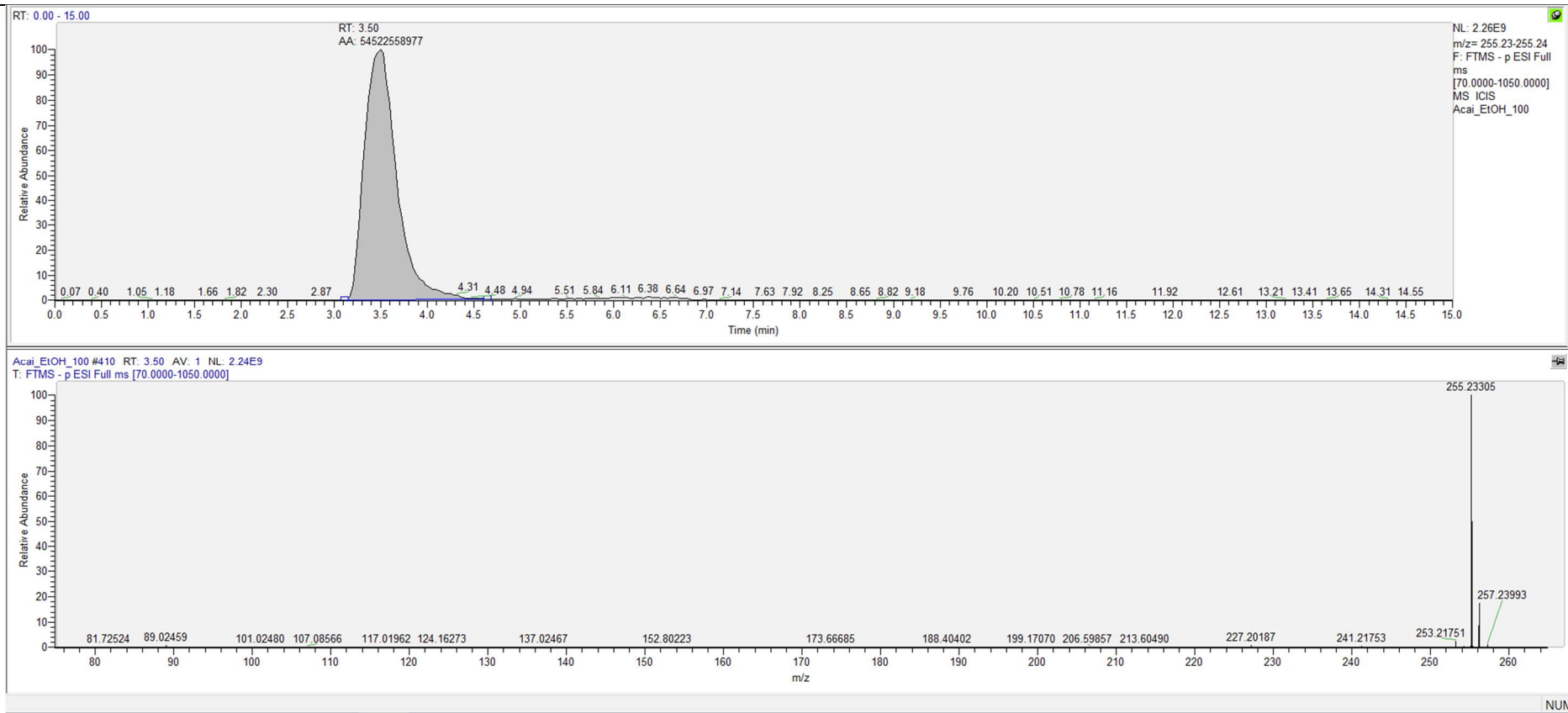
Linoleic acid



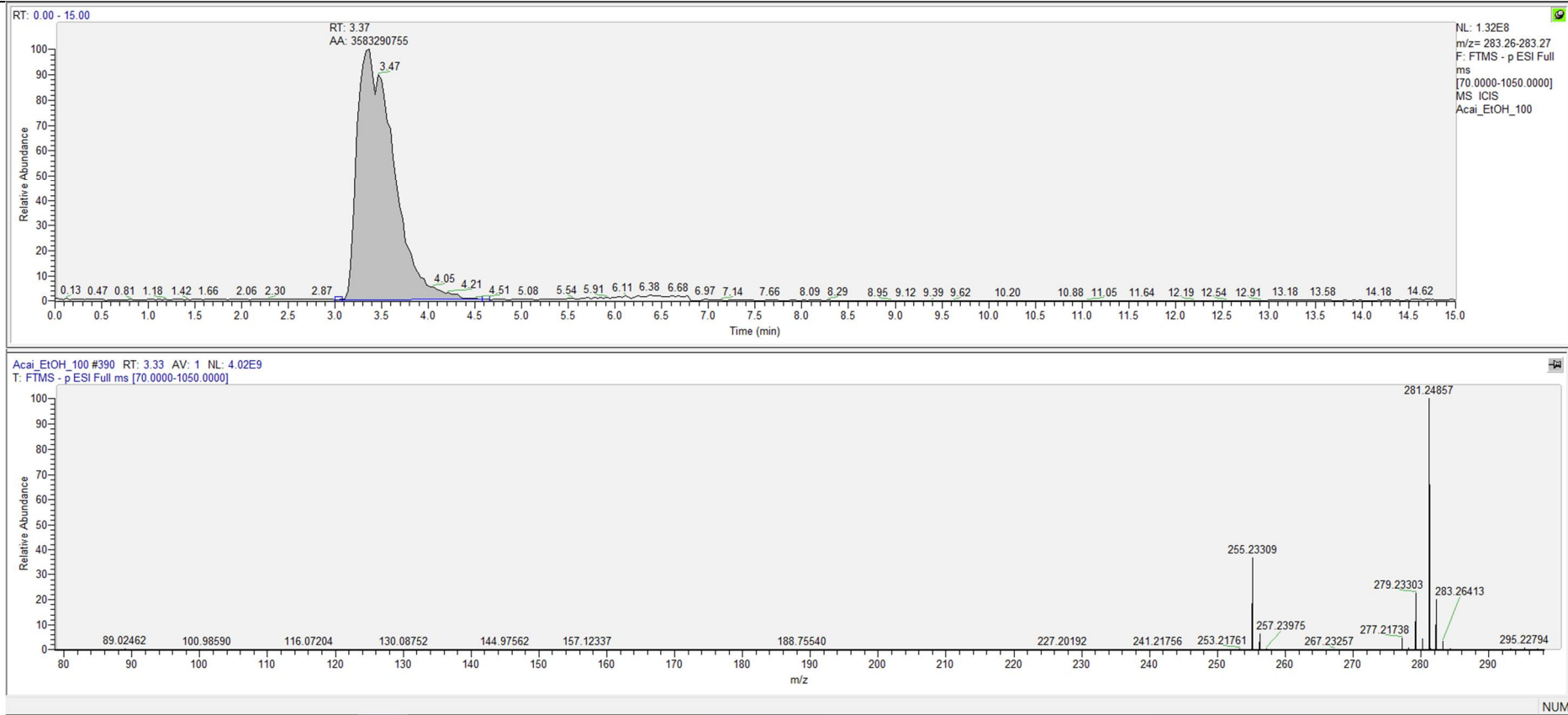
Linolenic acid



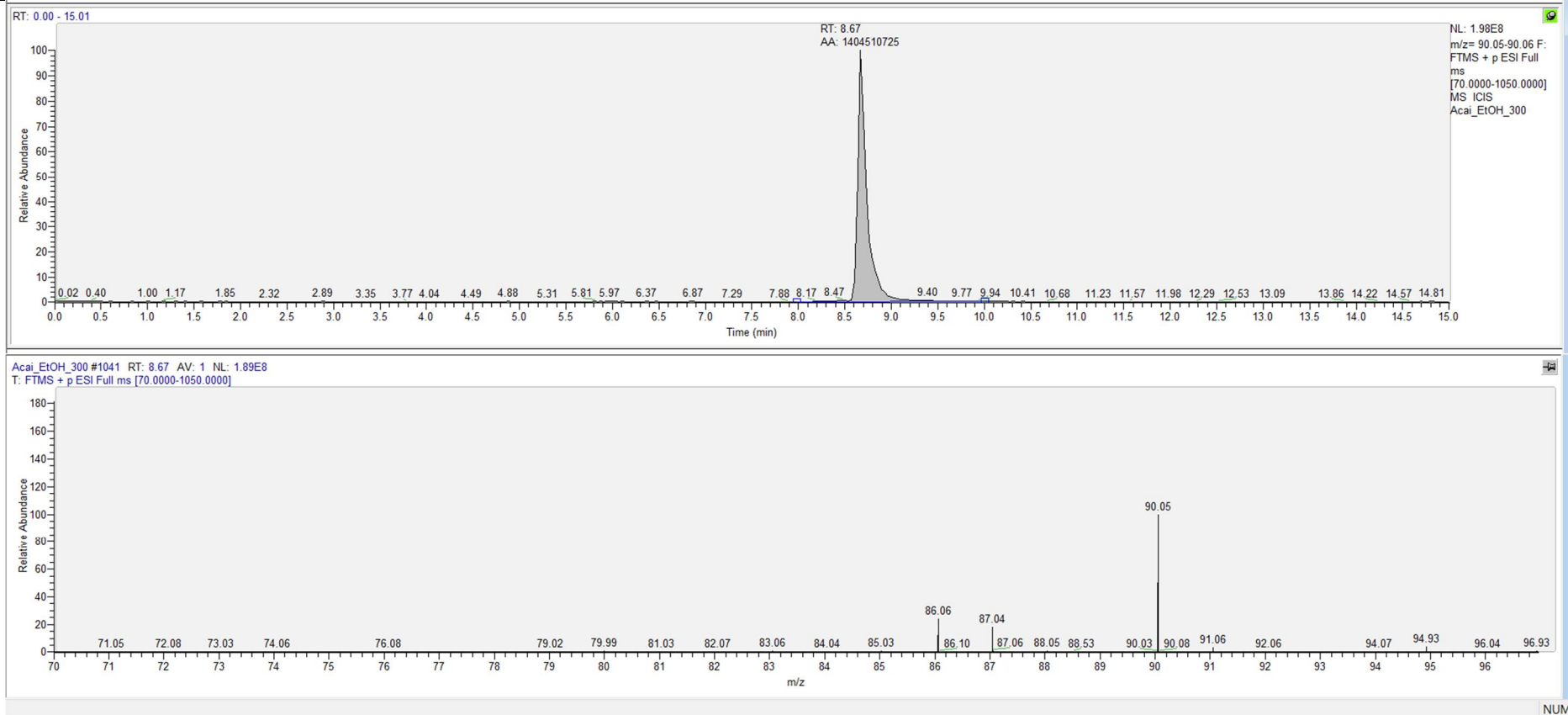
Palmitic acid

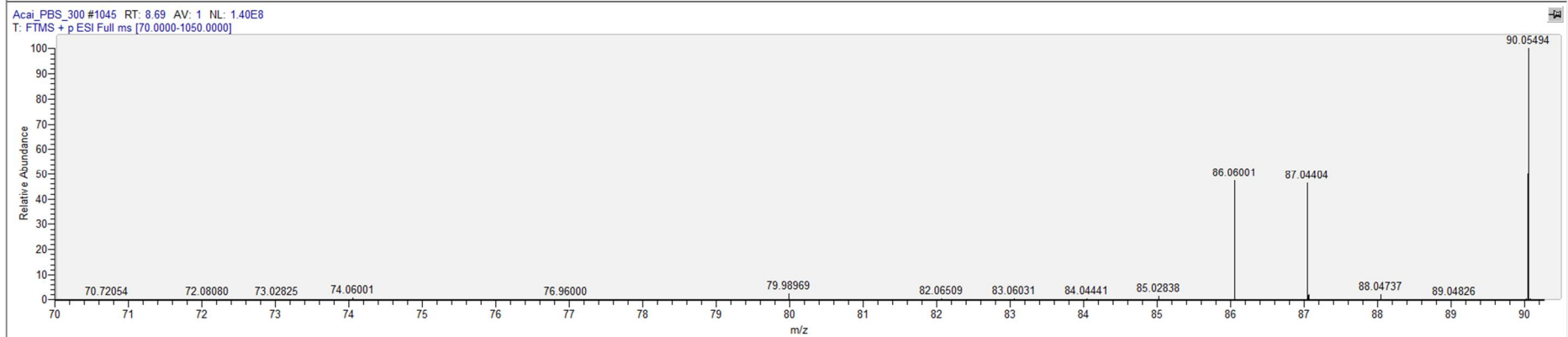
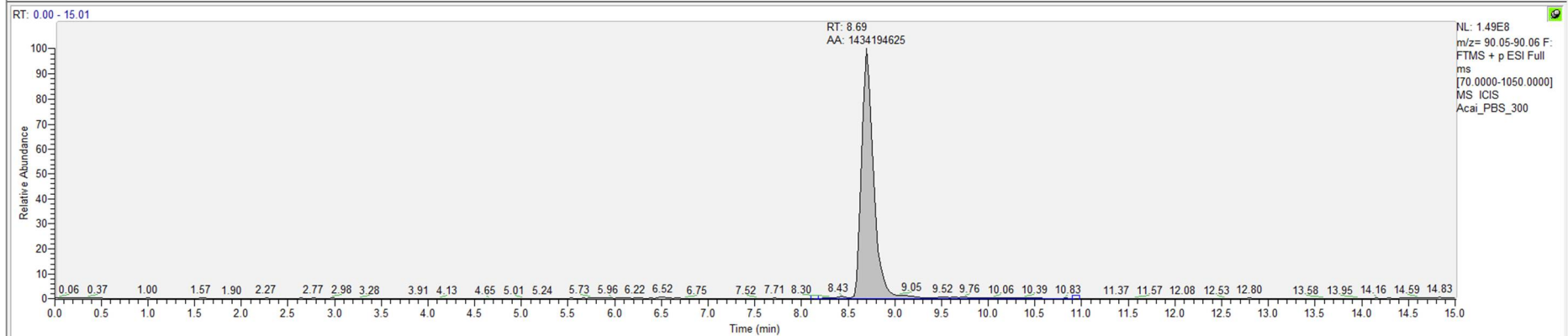


Stearic acid

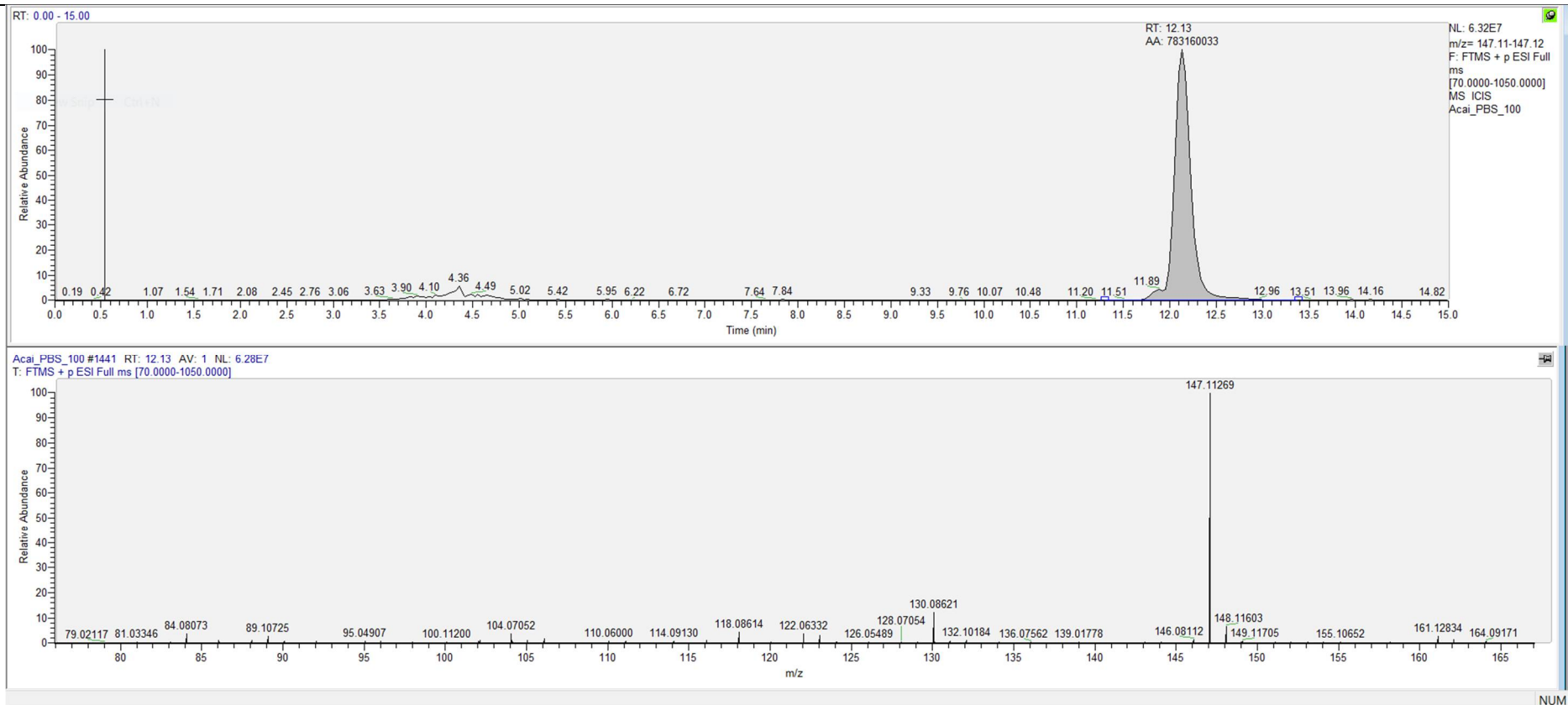


Alanine



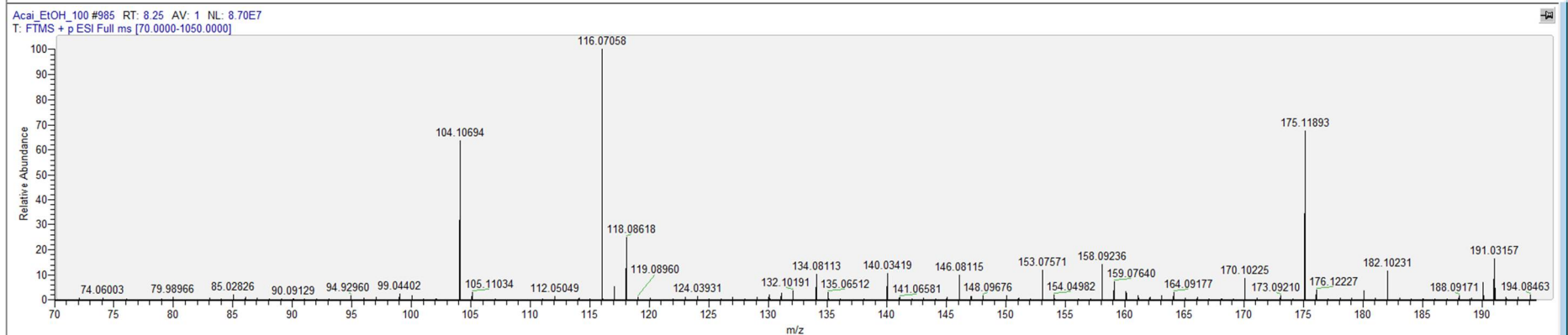
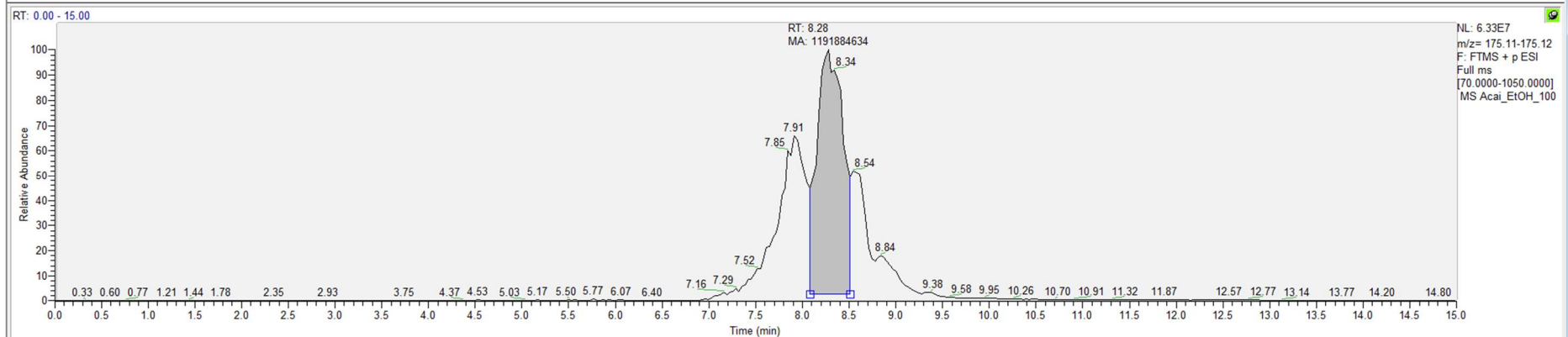


Lysine



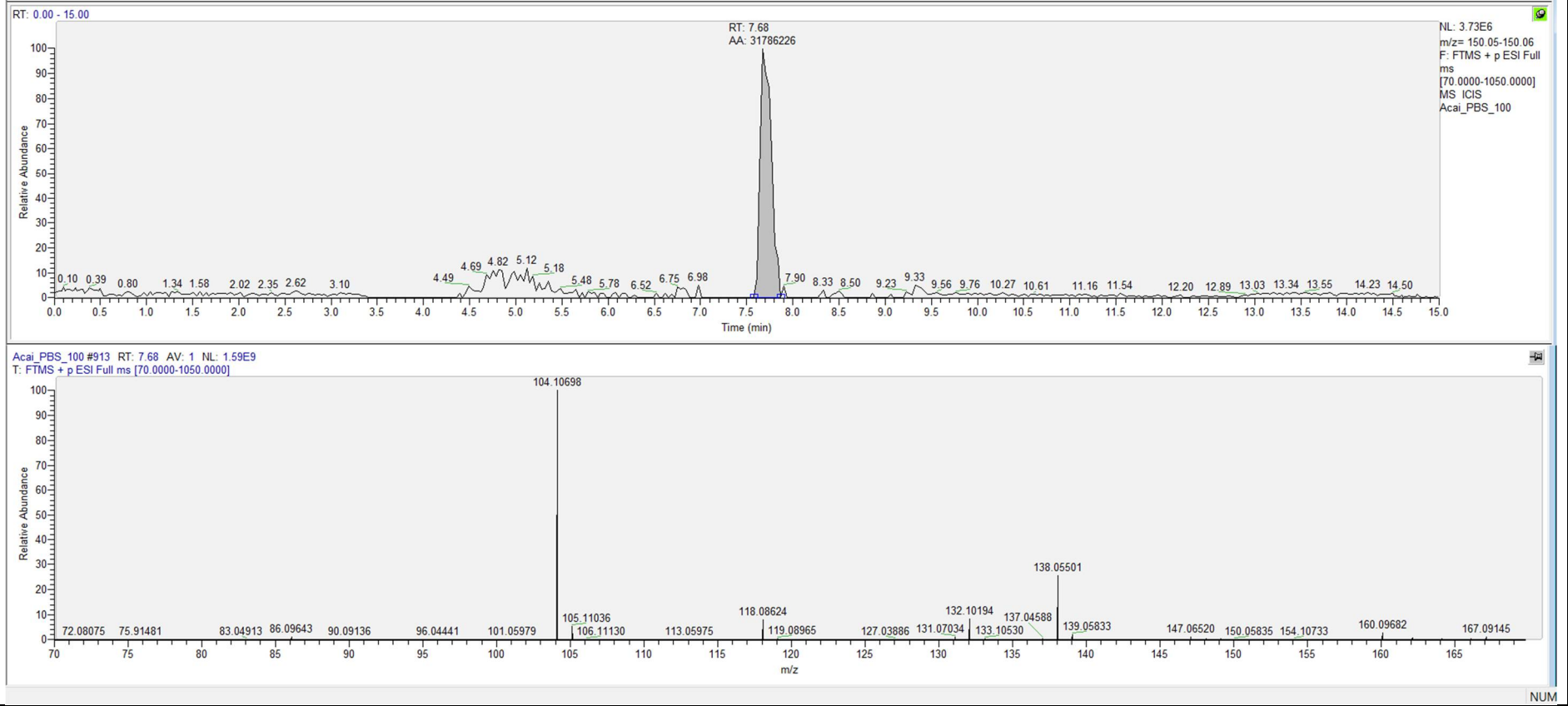
NUM

Arginine

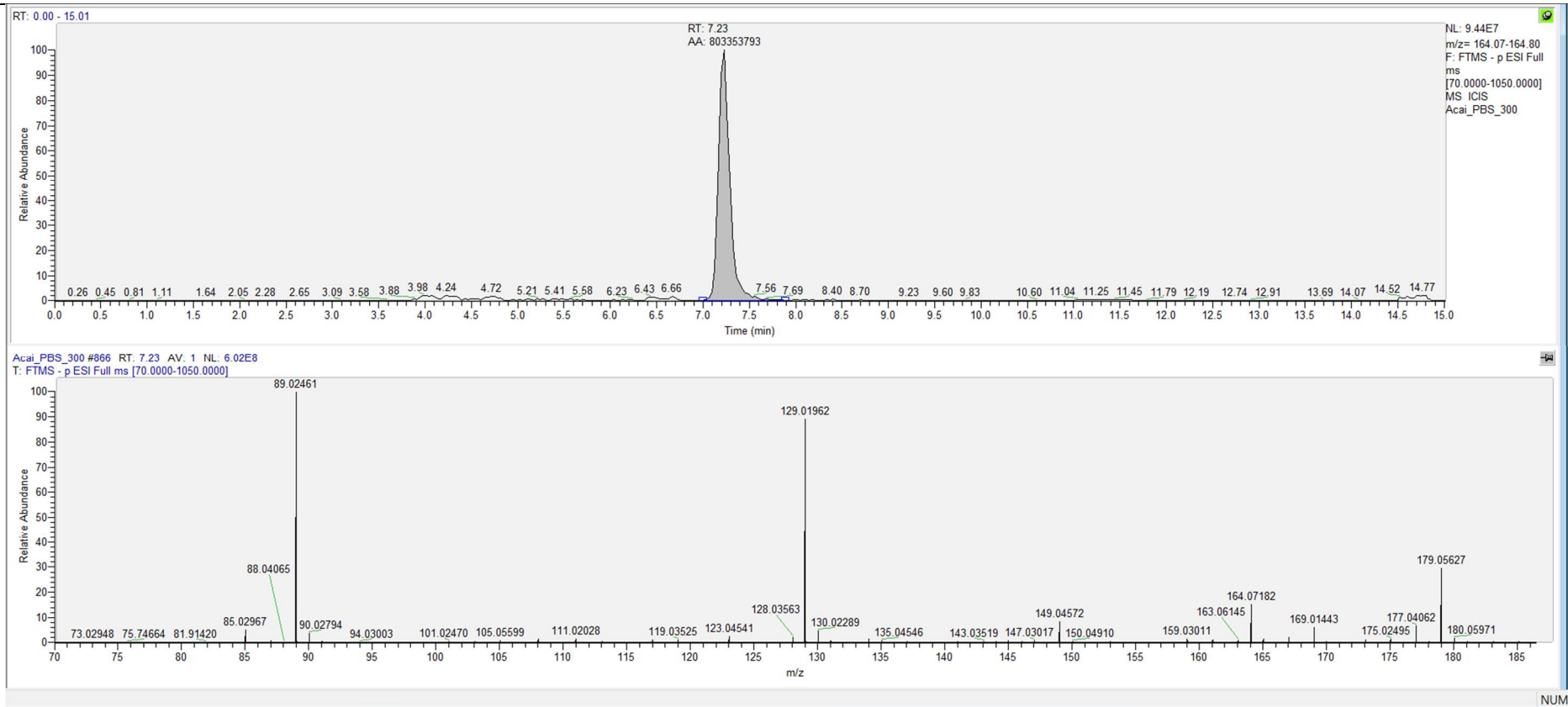


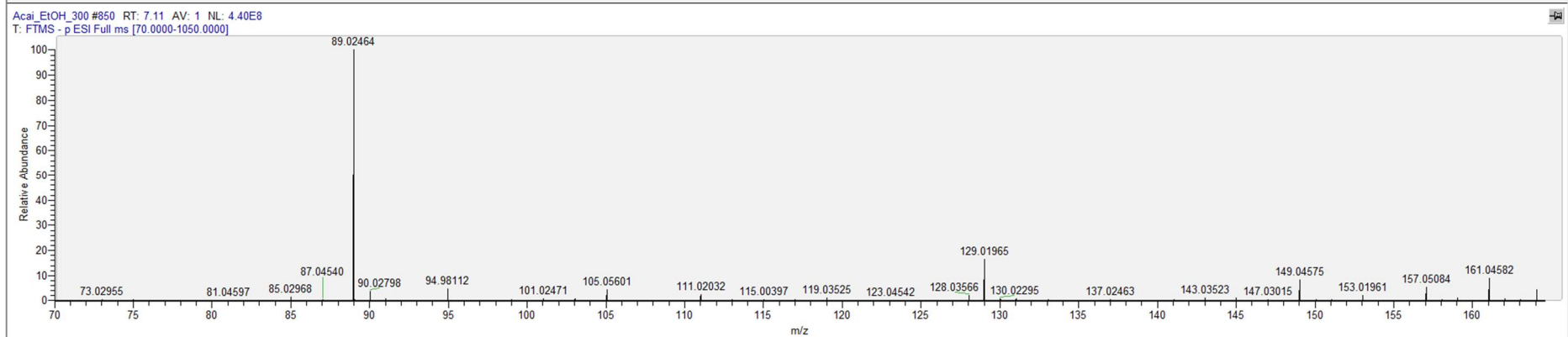
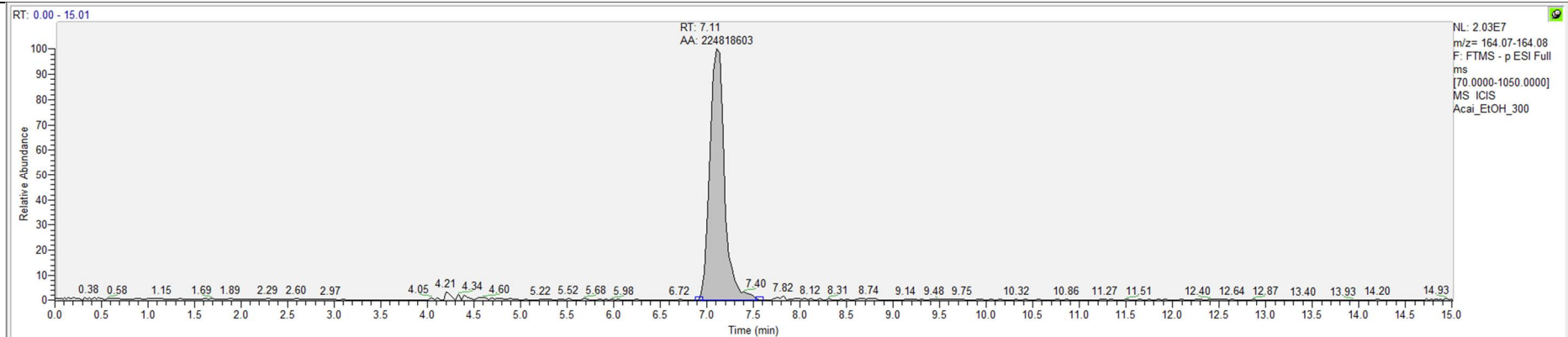
NUM

Methionine

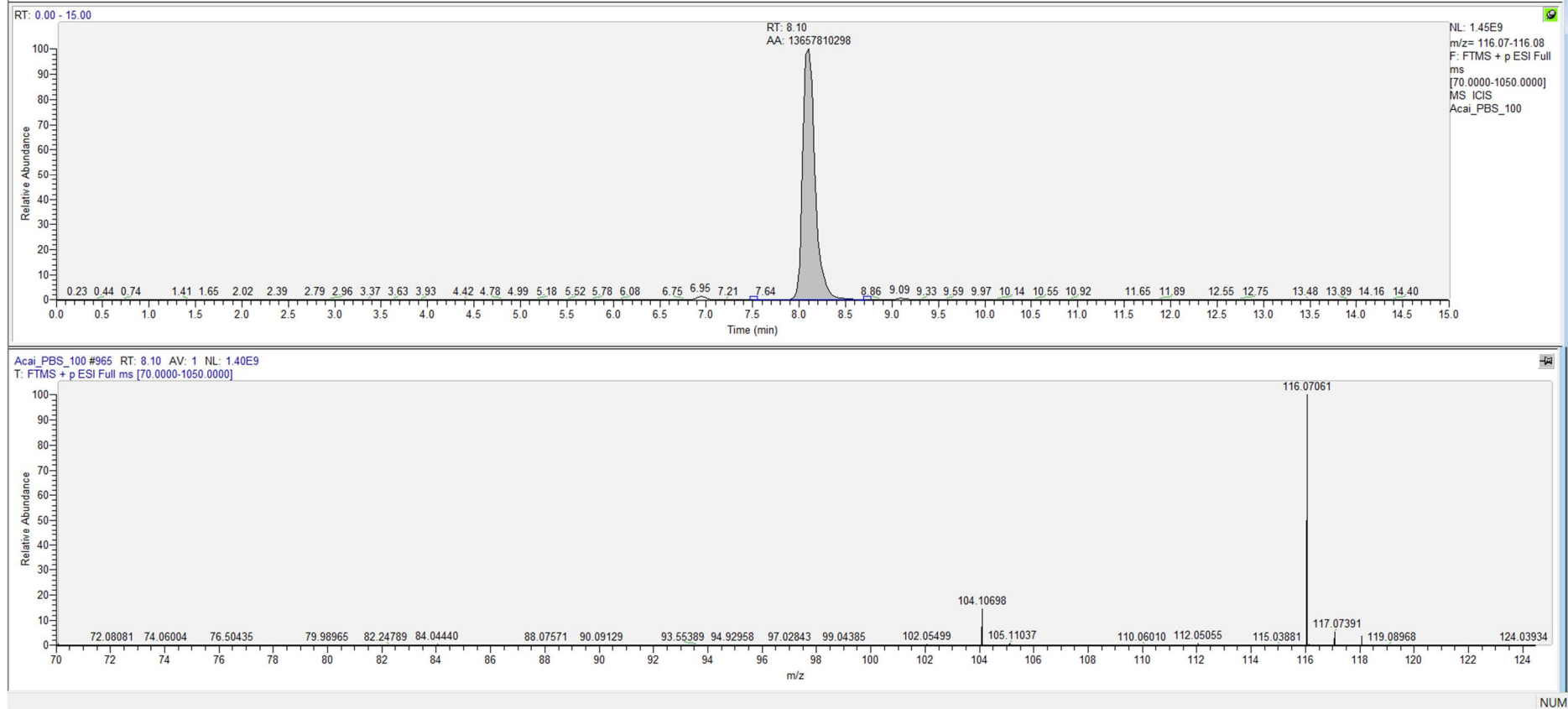


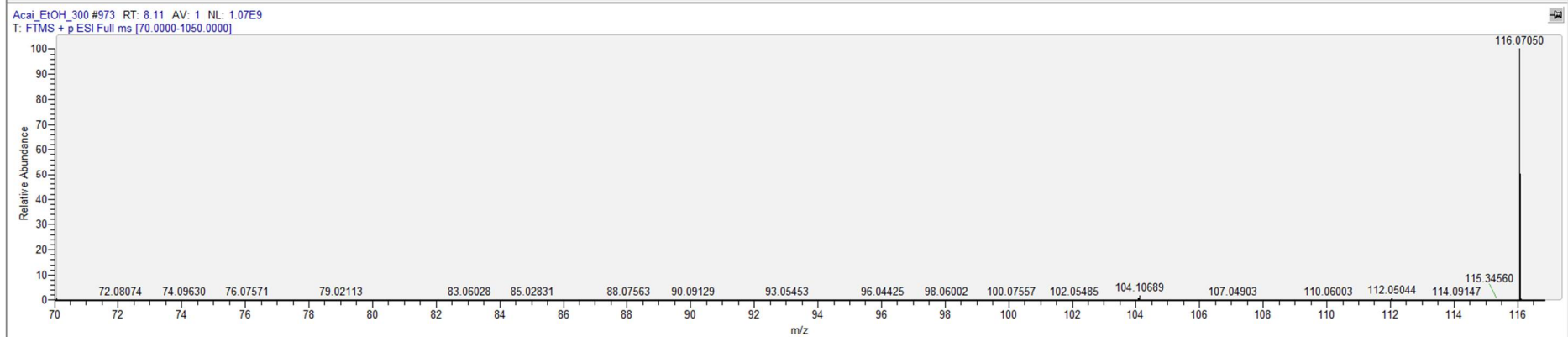
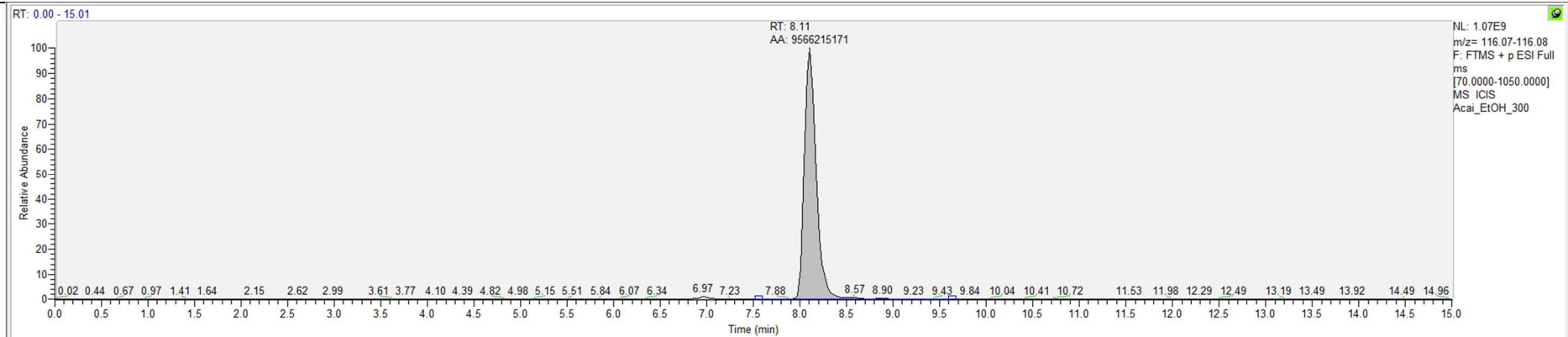
Phenylalanine



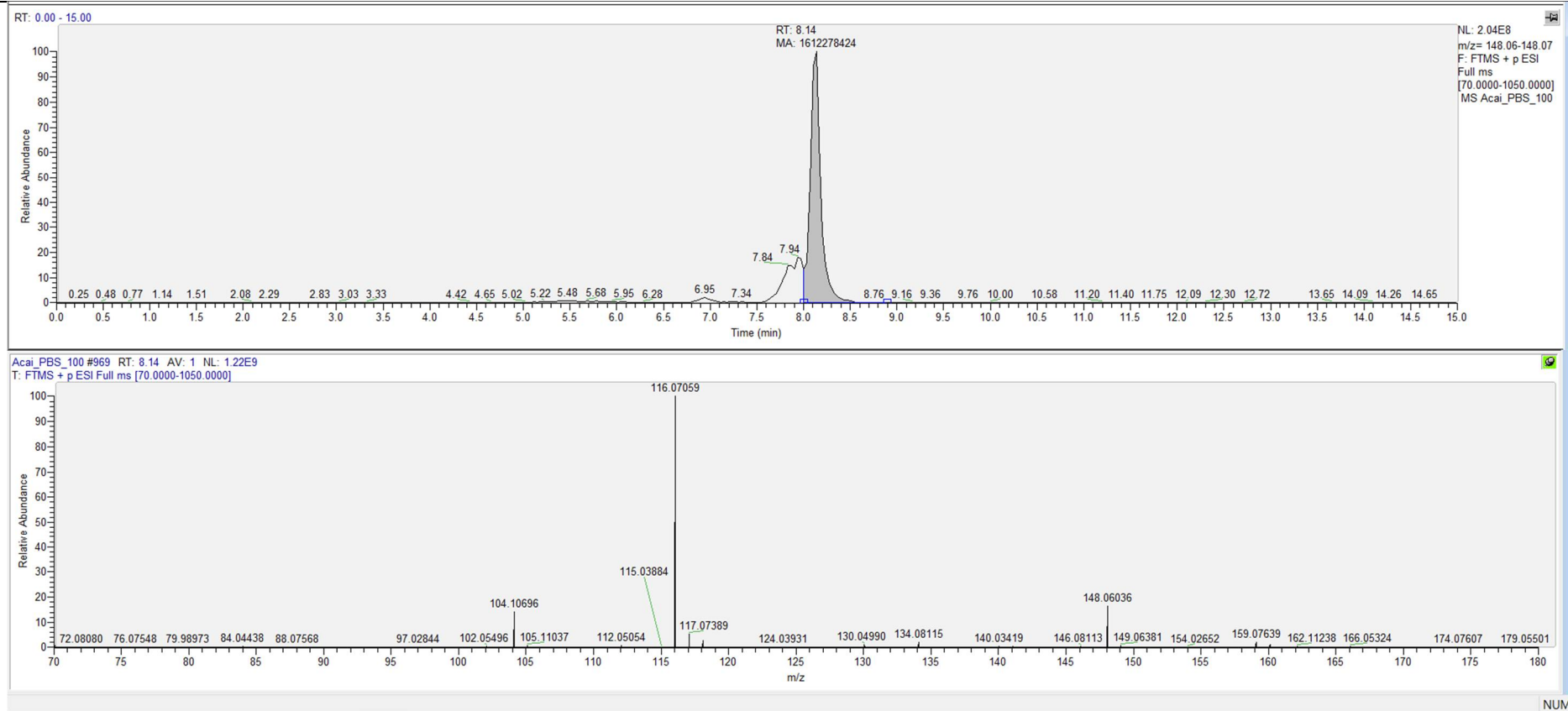


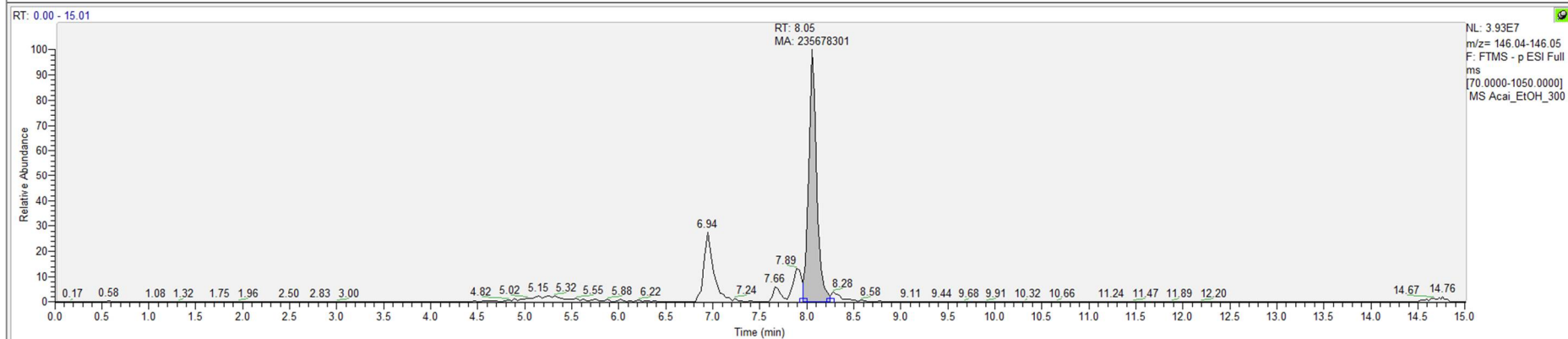
Proline



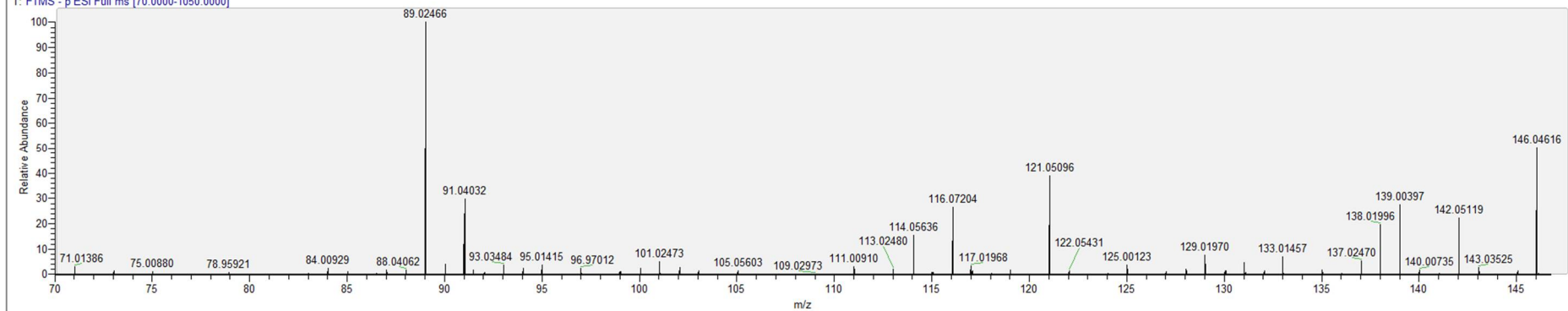


Glutamic acid

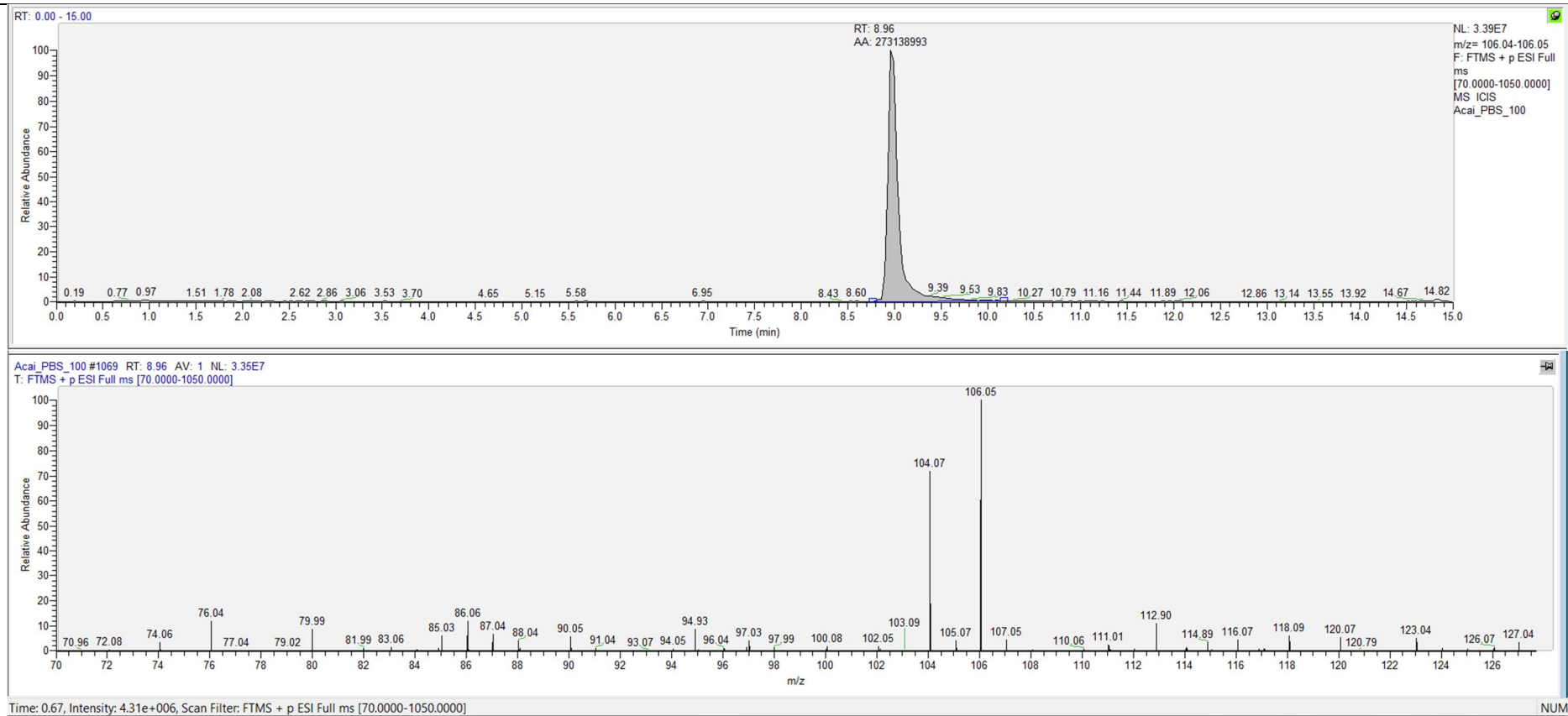


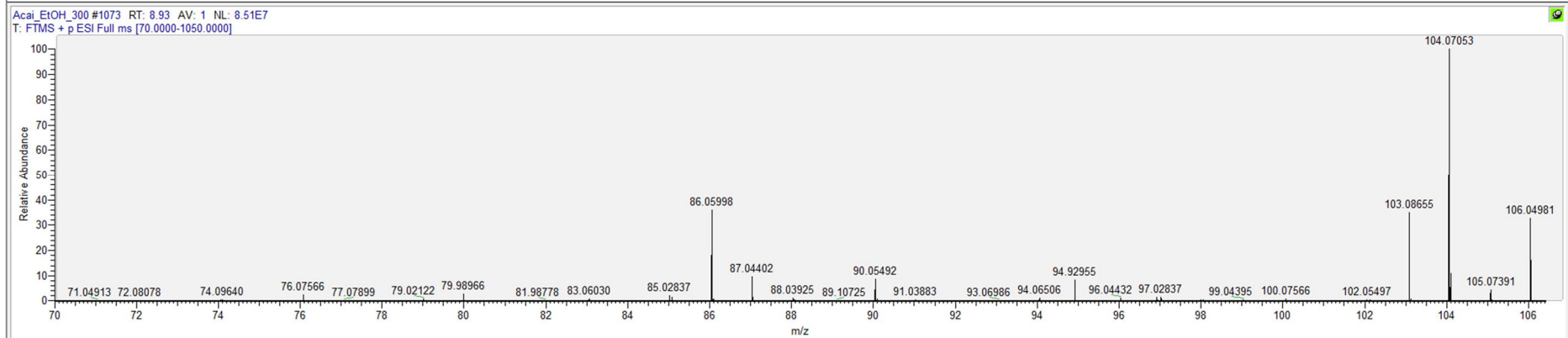
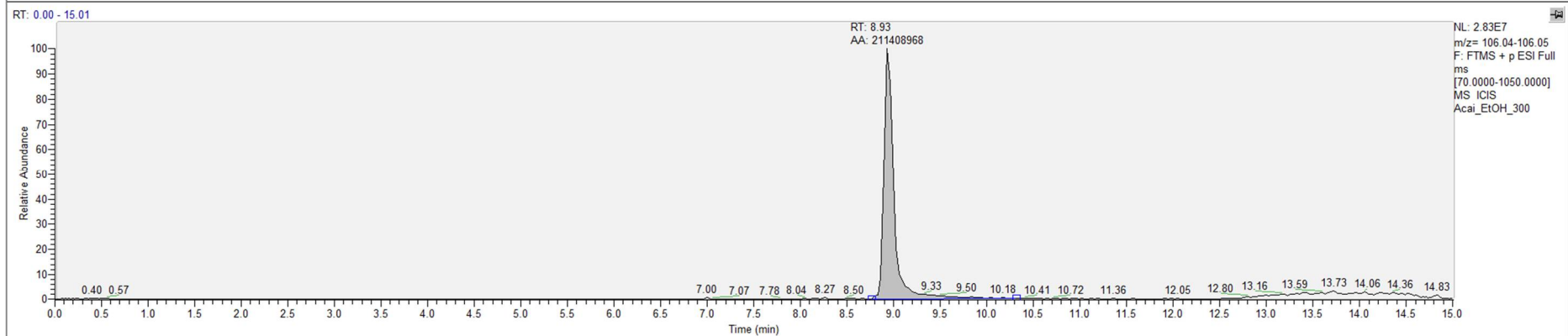


Acai_EtOH_300 #966 RT: 8.05 AV: 1 NL: 7.79E7
T: FTMS - p ESI Full ms [70.0000-1050.0000]

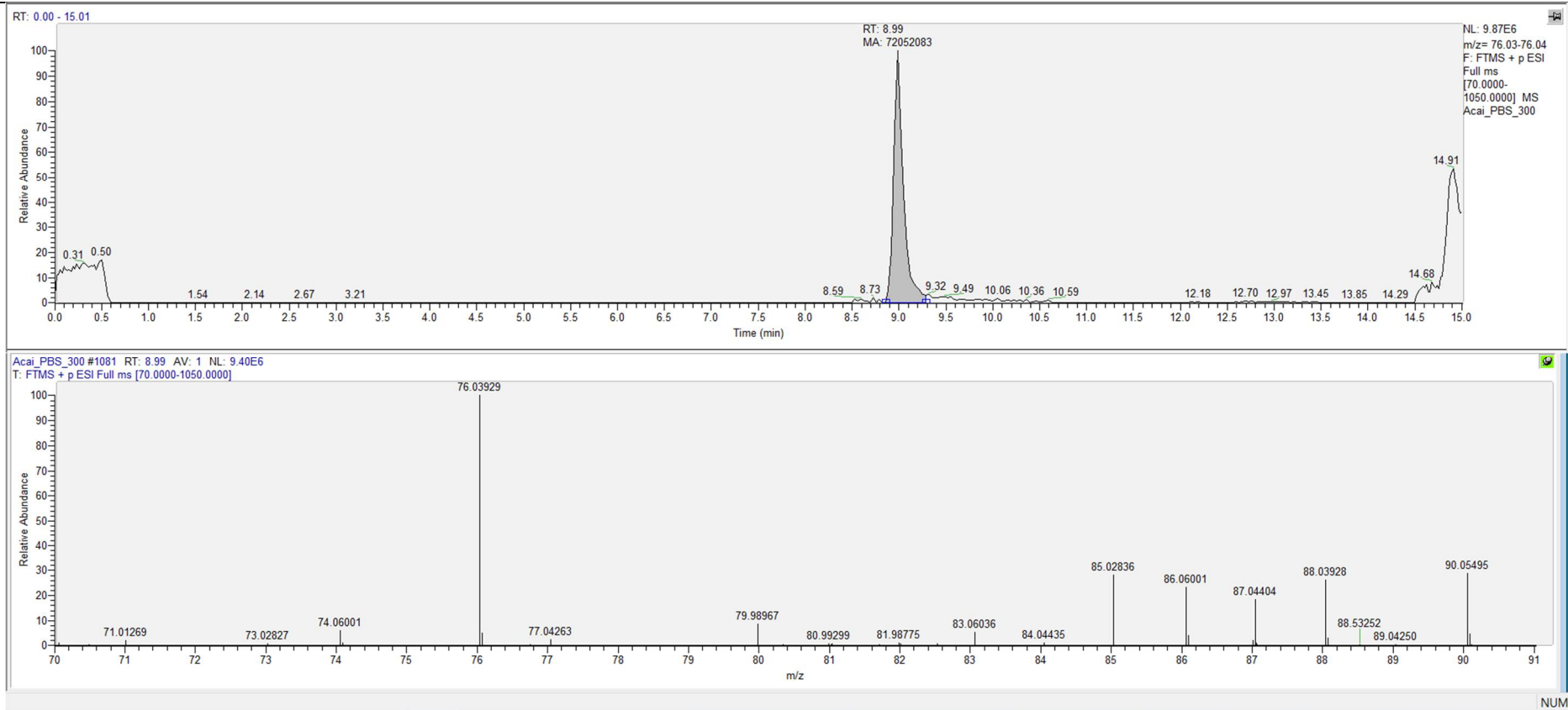


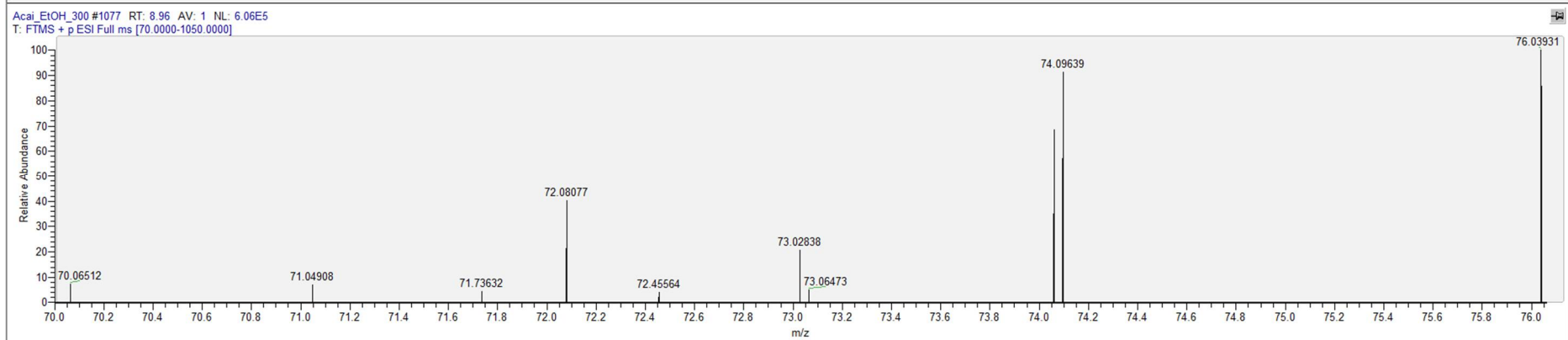
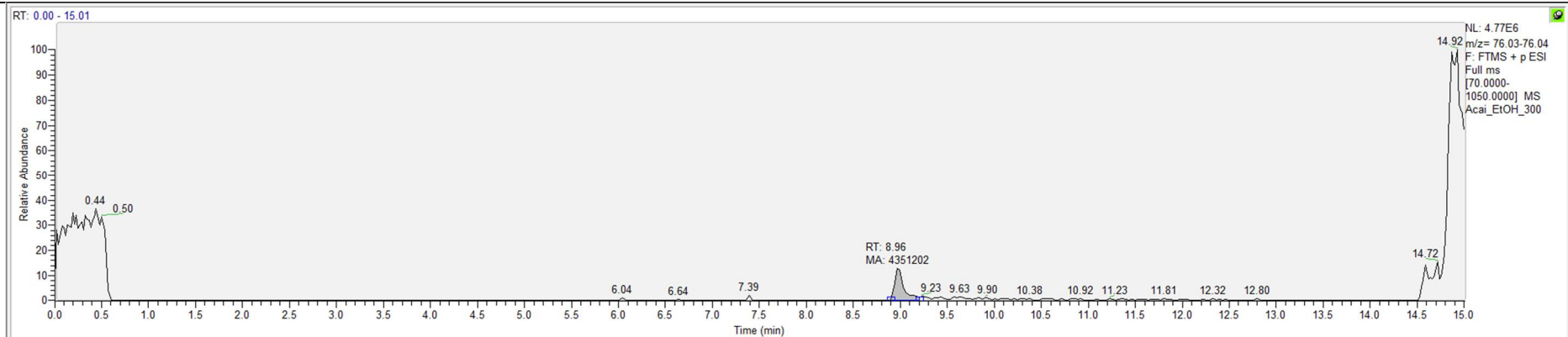
Serine



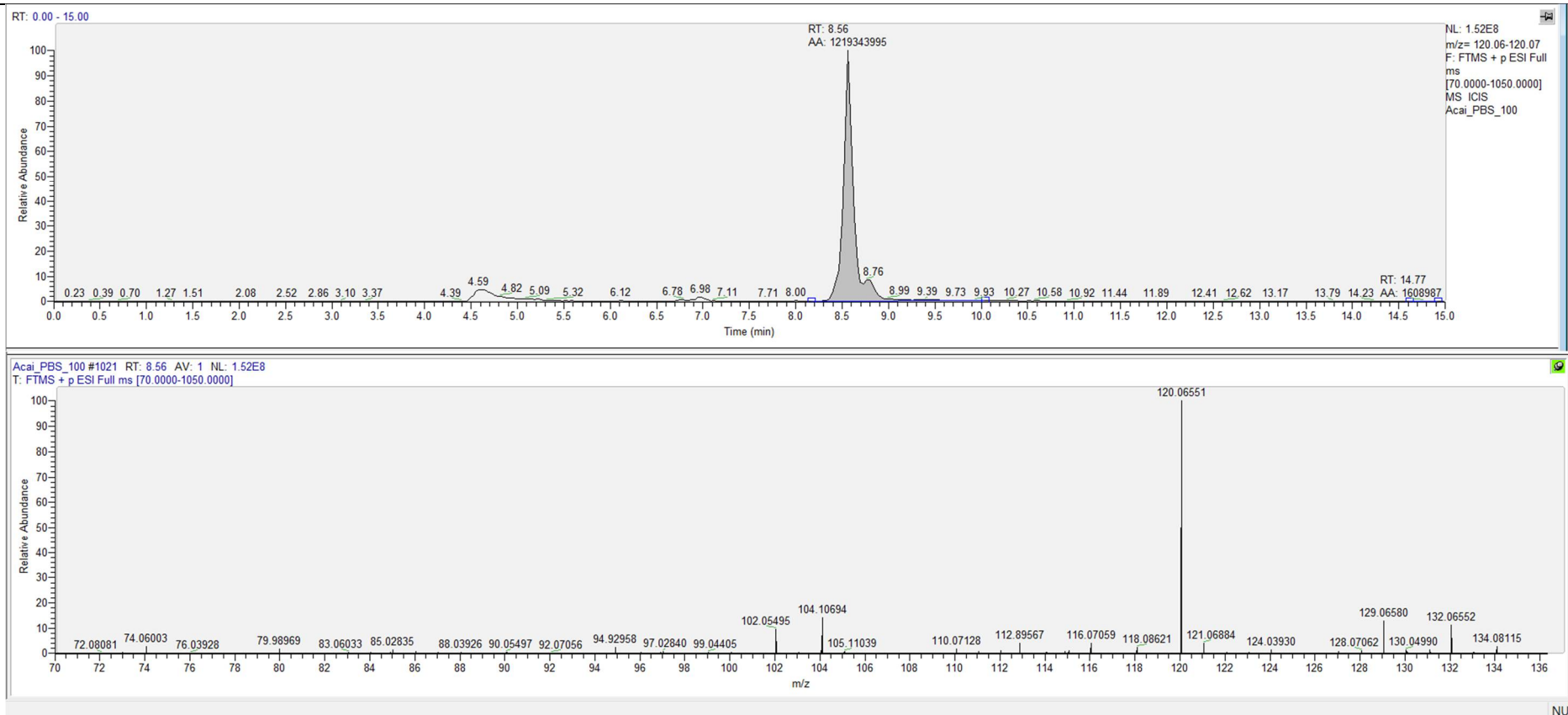


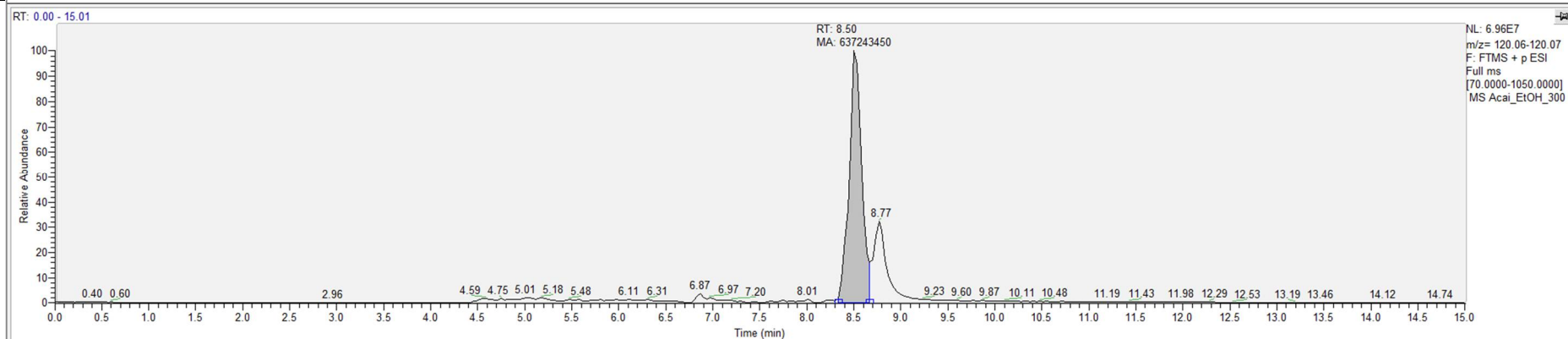
Glycine



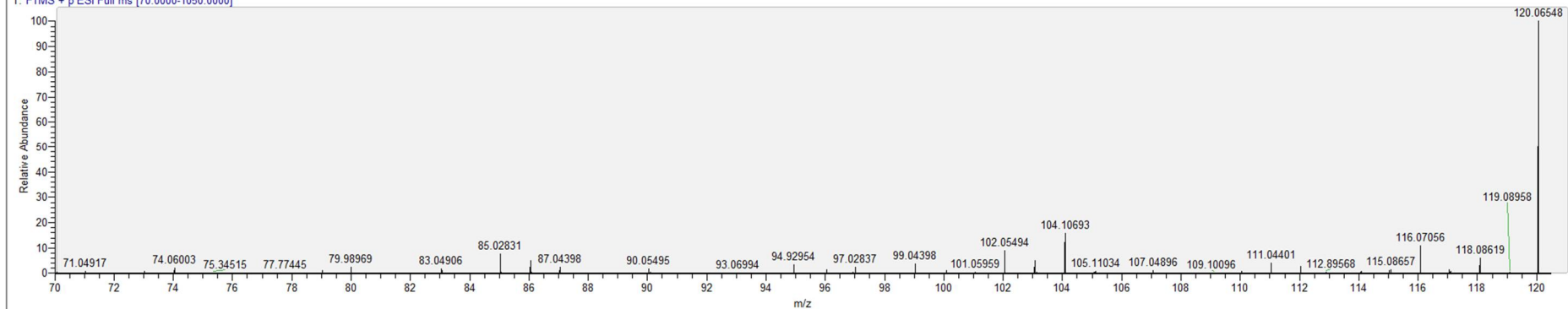


Threonine

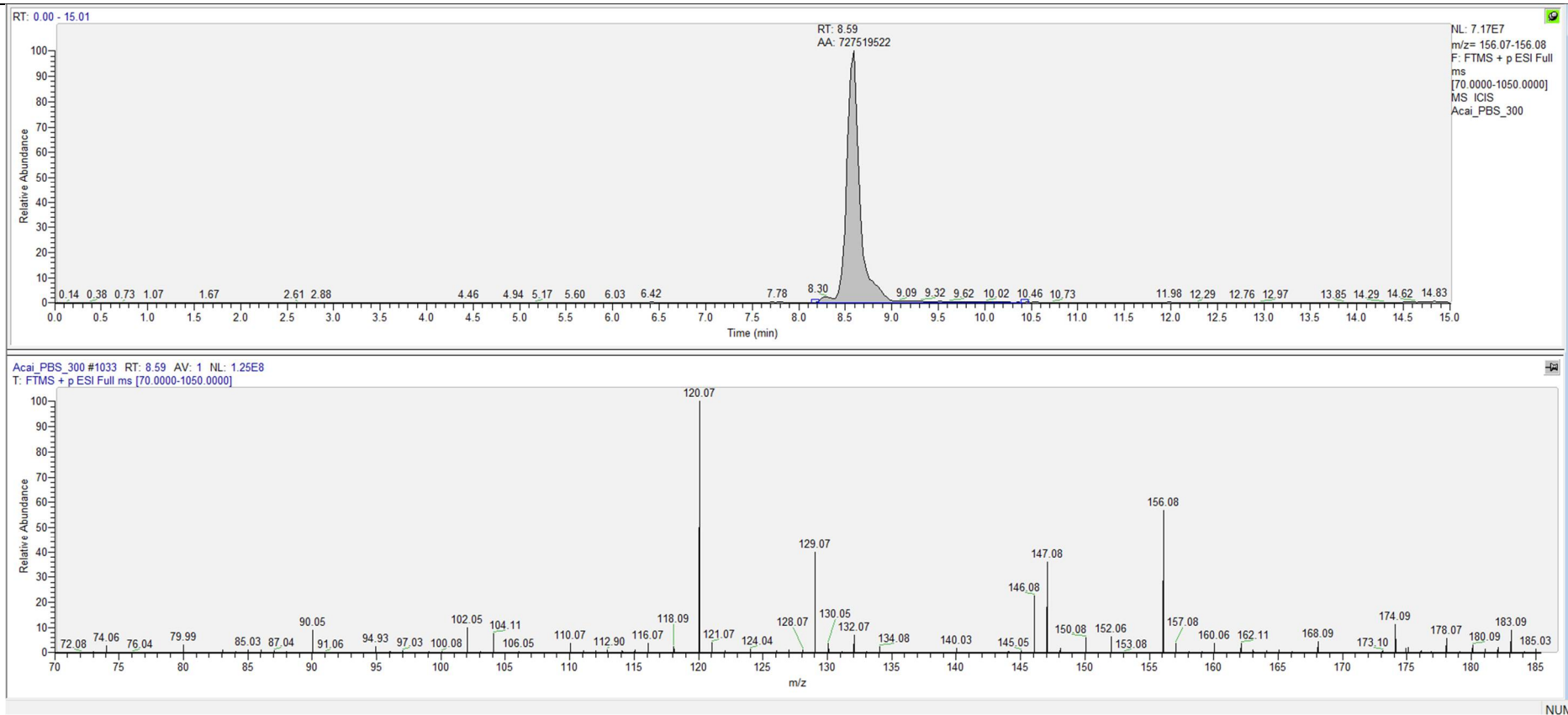


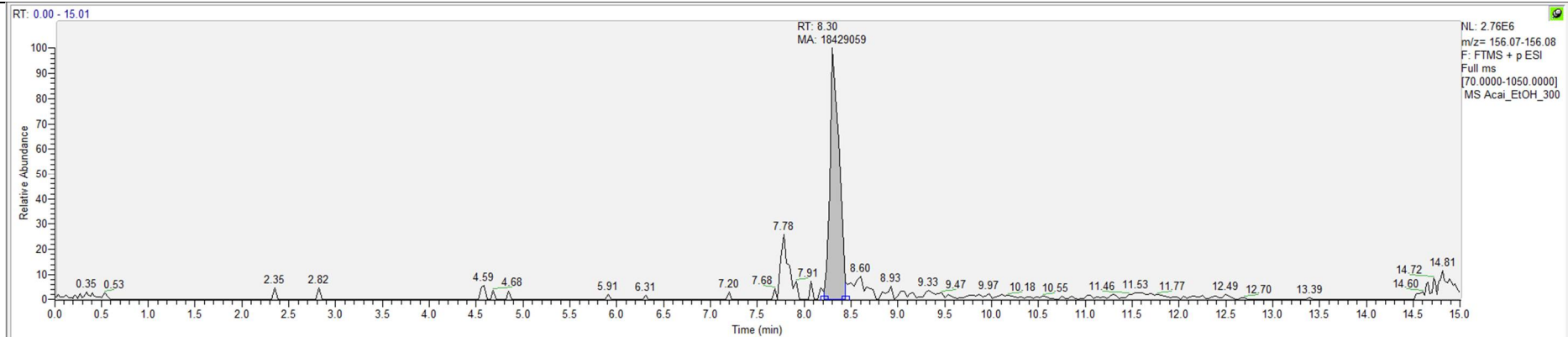


Acai_EtOH_300 #1021 RT: 8.50 AV: 1 NL: 6.92E7
T: FTMS + p ESI Full ms [70.0000-1050.0000]

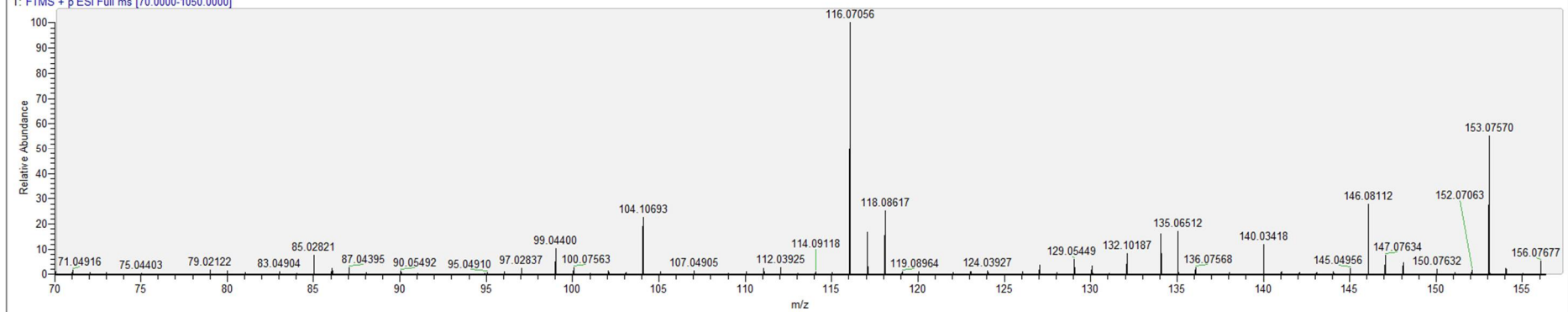


Histidine

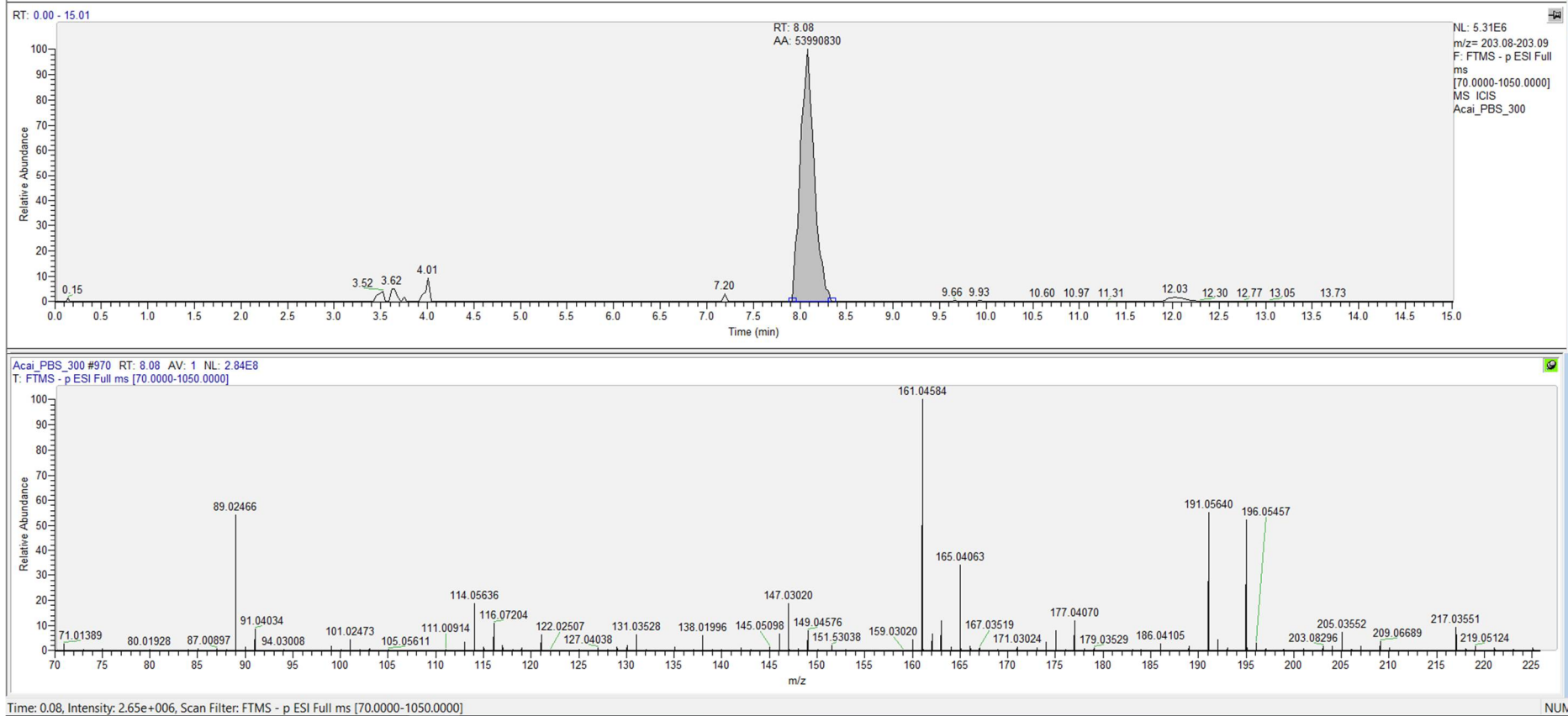


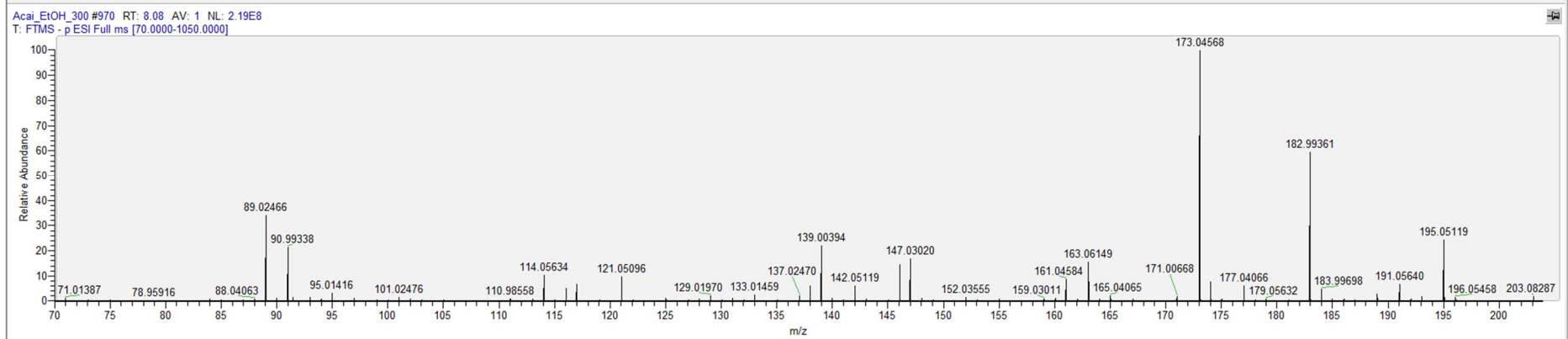
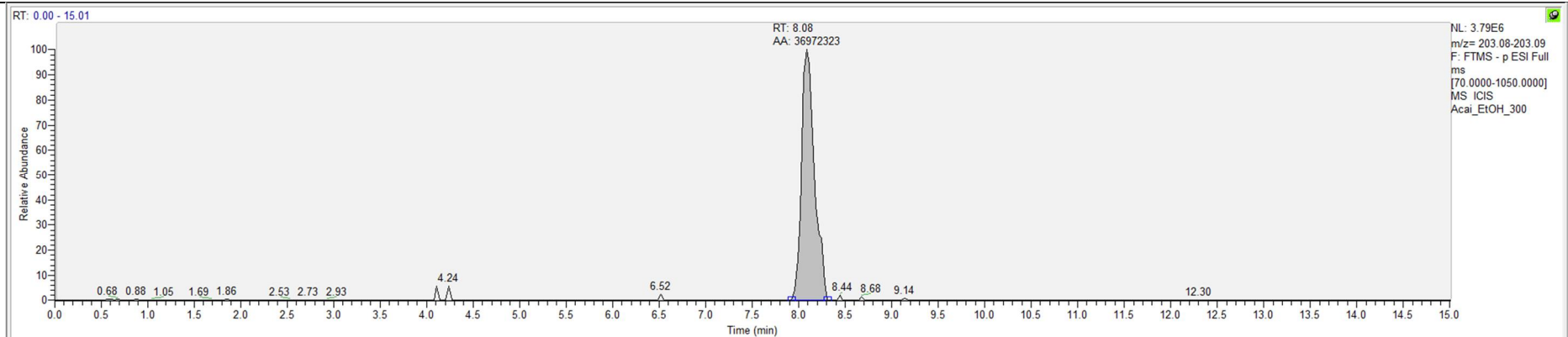


Acai_EtOH_300 #997 RT: 8.30 AV: 1 NL: 5.21E7
T: FTMS + p ESI Full ms [70.0000-1050.0000]

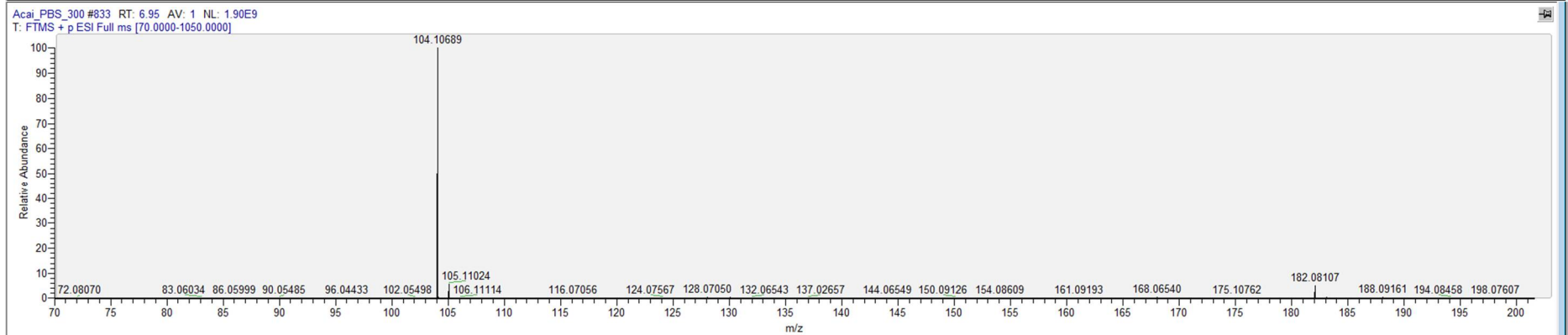
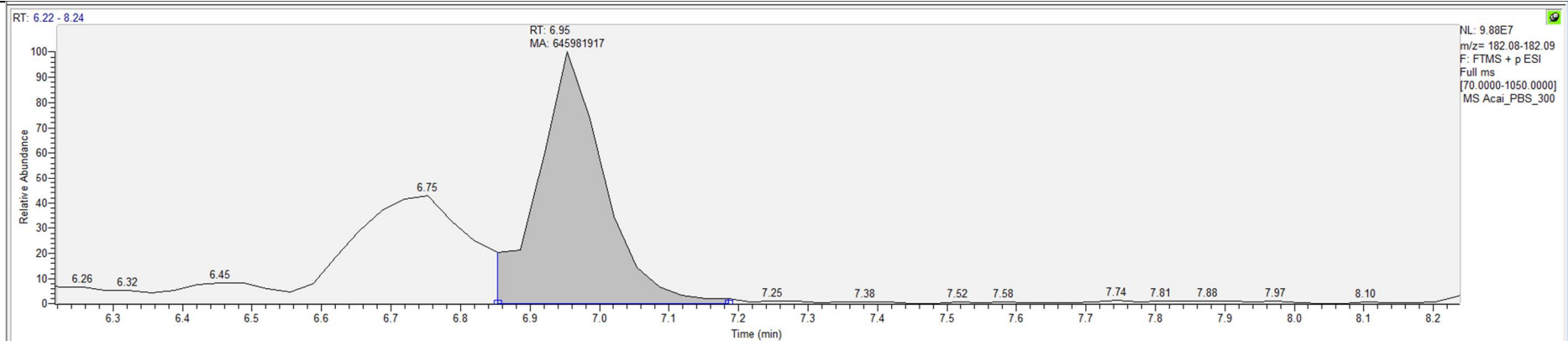


Tryptophan

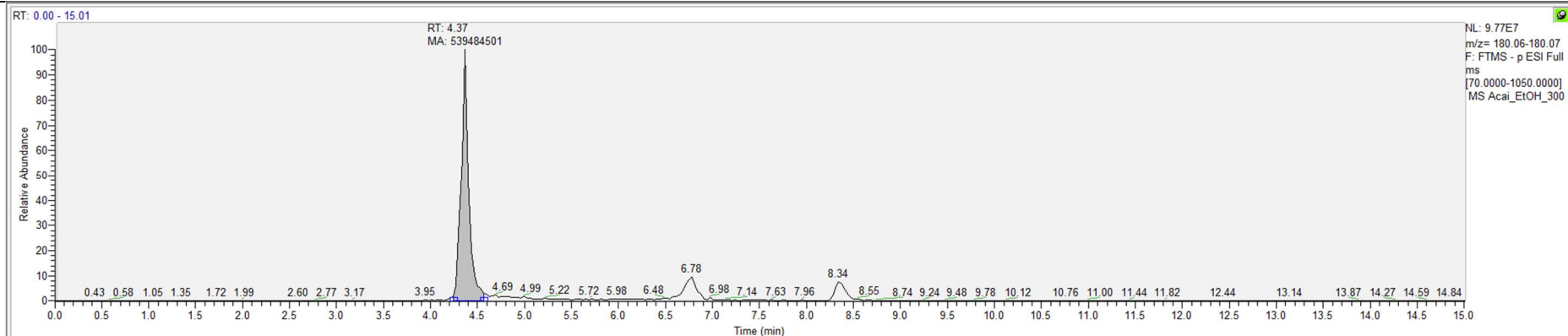




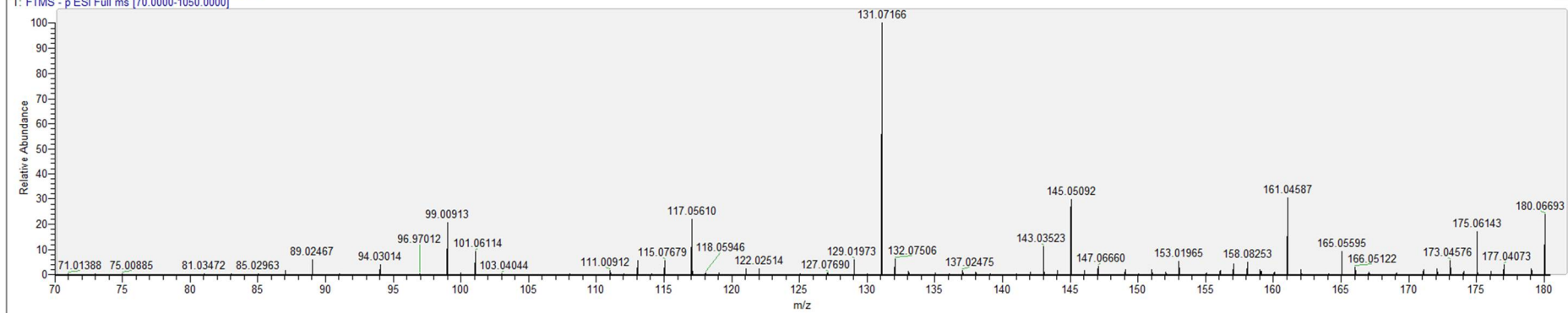
Tyrosine



NUM

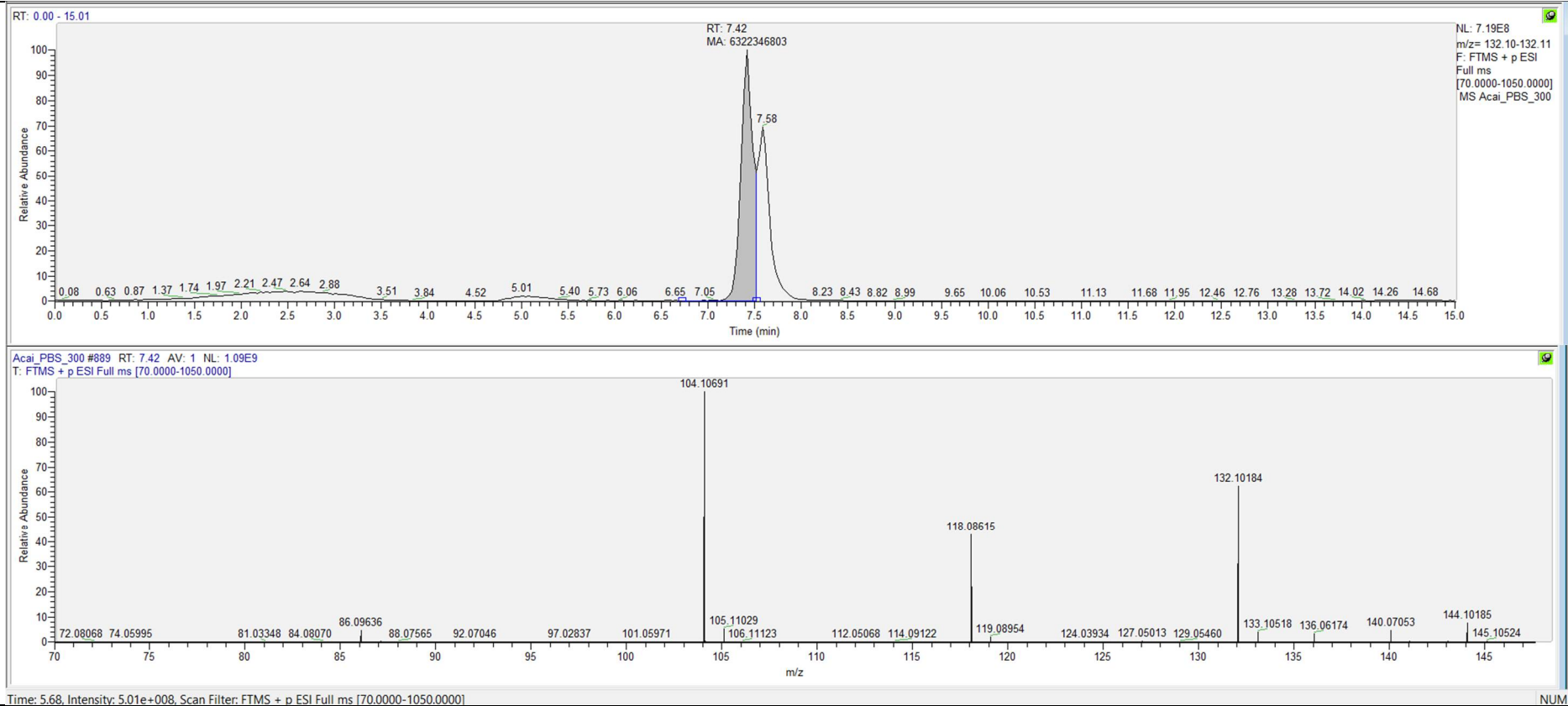


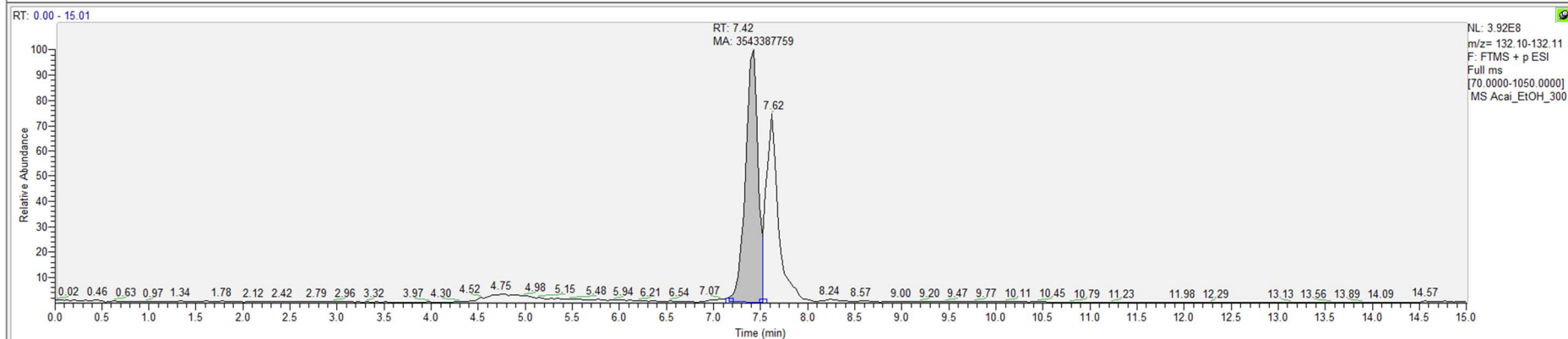
Acai_EtOH_300 #518 RT: 4.37 AV: 1 NL: 4.04E8
T: FTMS - p ESI Full ms [70.0000-1050.0000]



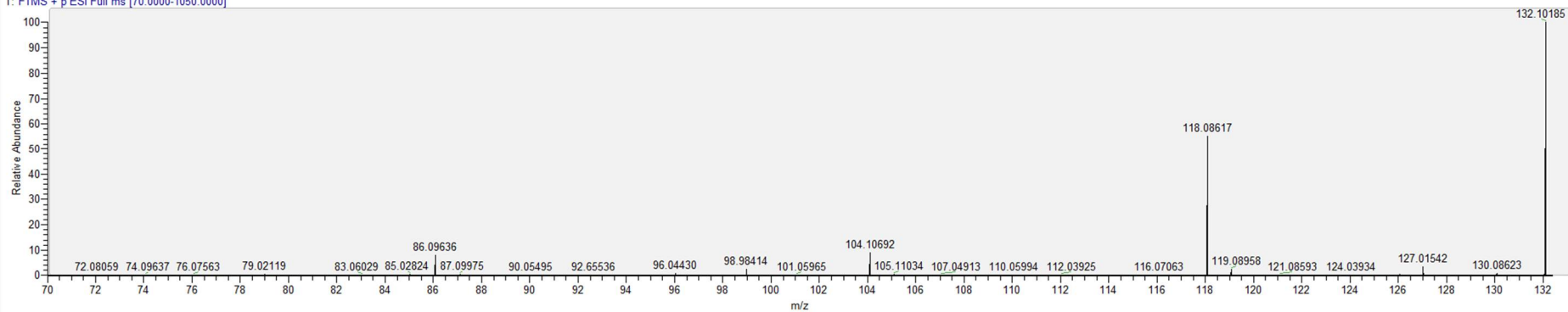
NUM

Isoleucine

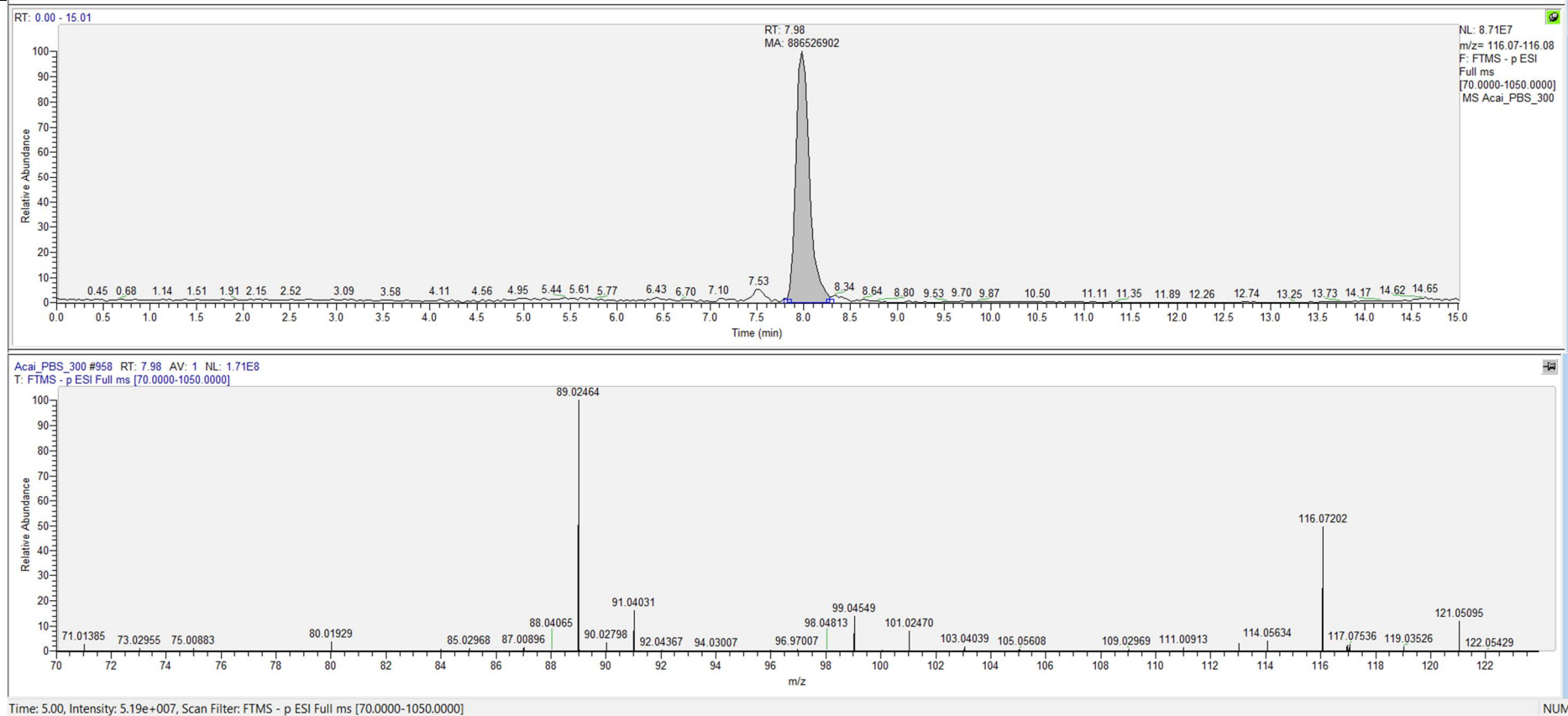


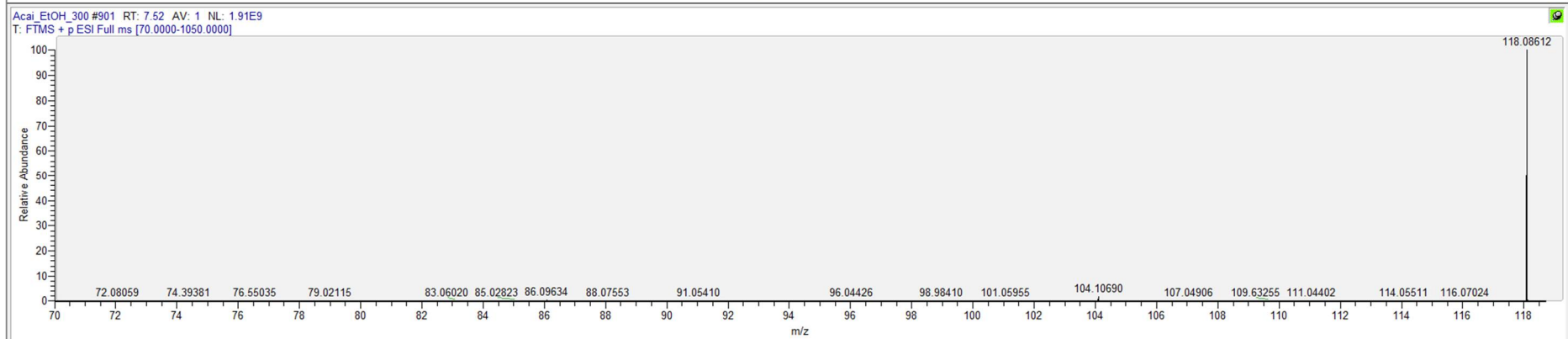
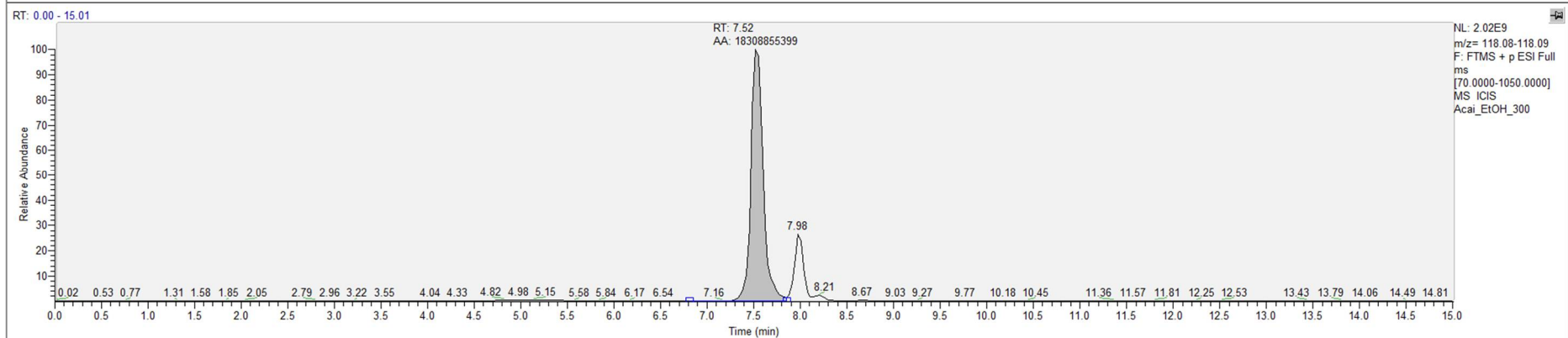


Acai_EtOH_300 #889 RT: 7.42 AV: 1 NL: 3.79E8
T: FTMS + p ESI Full ms [70.0000-1050.0000]

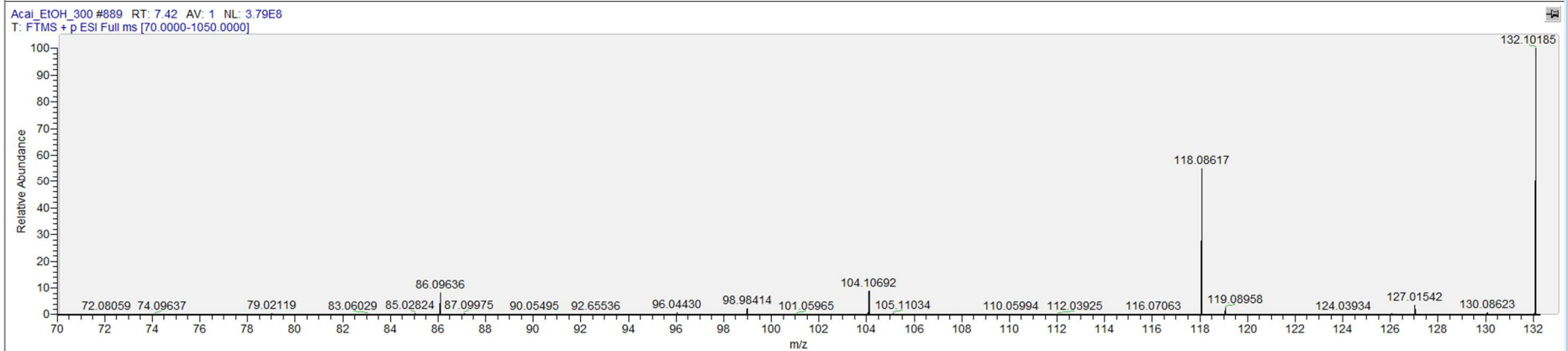
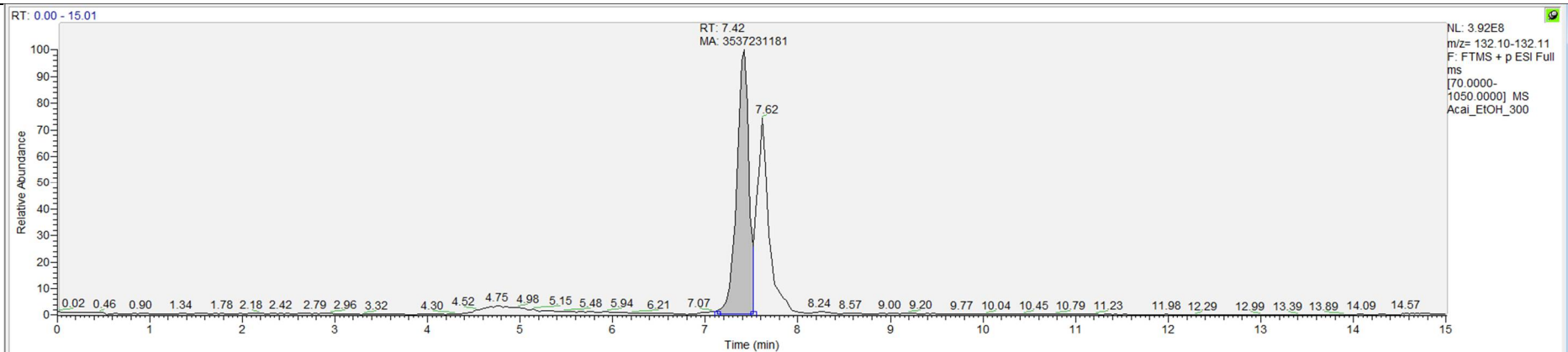


Valine

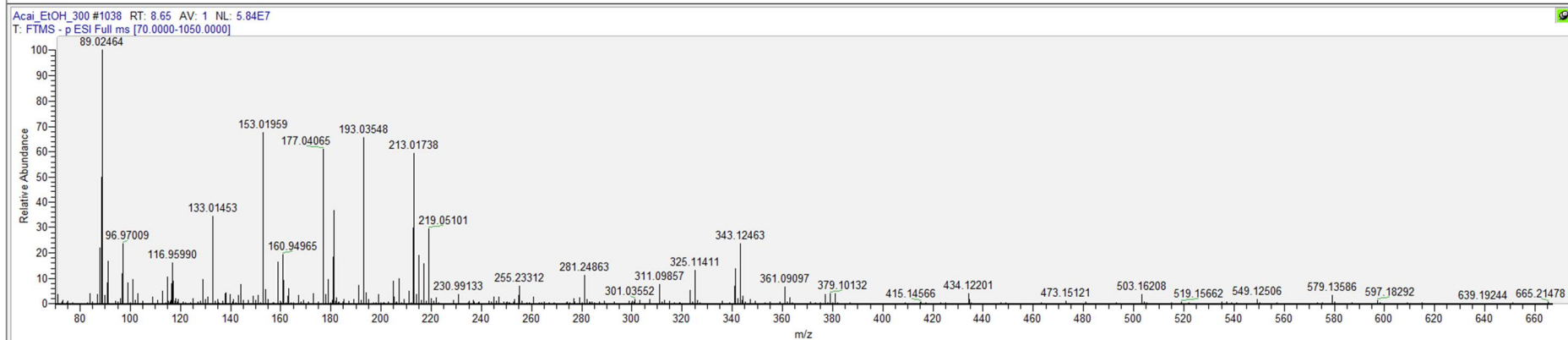
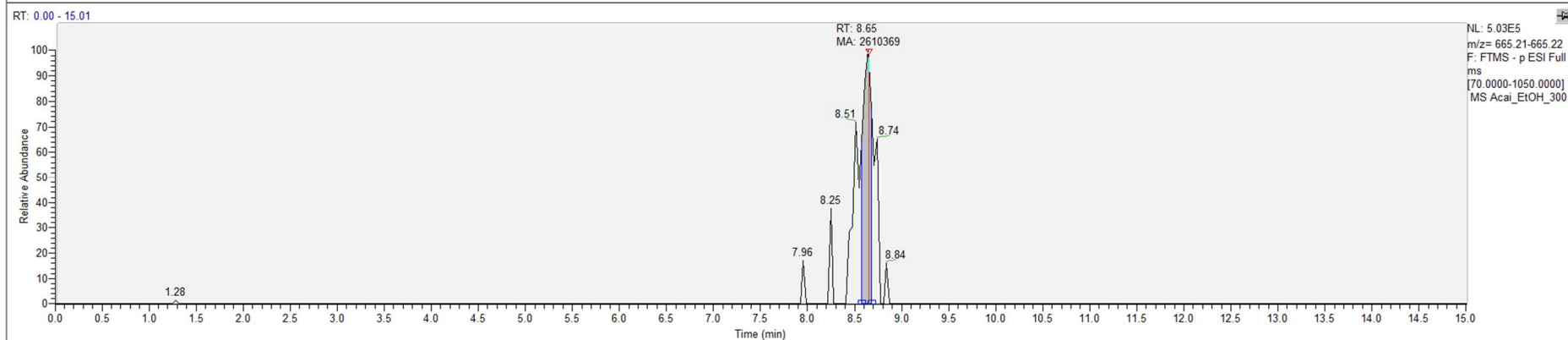




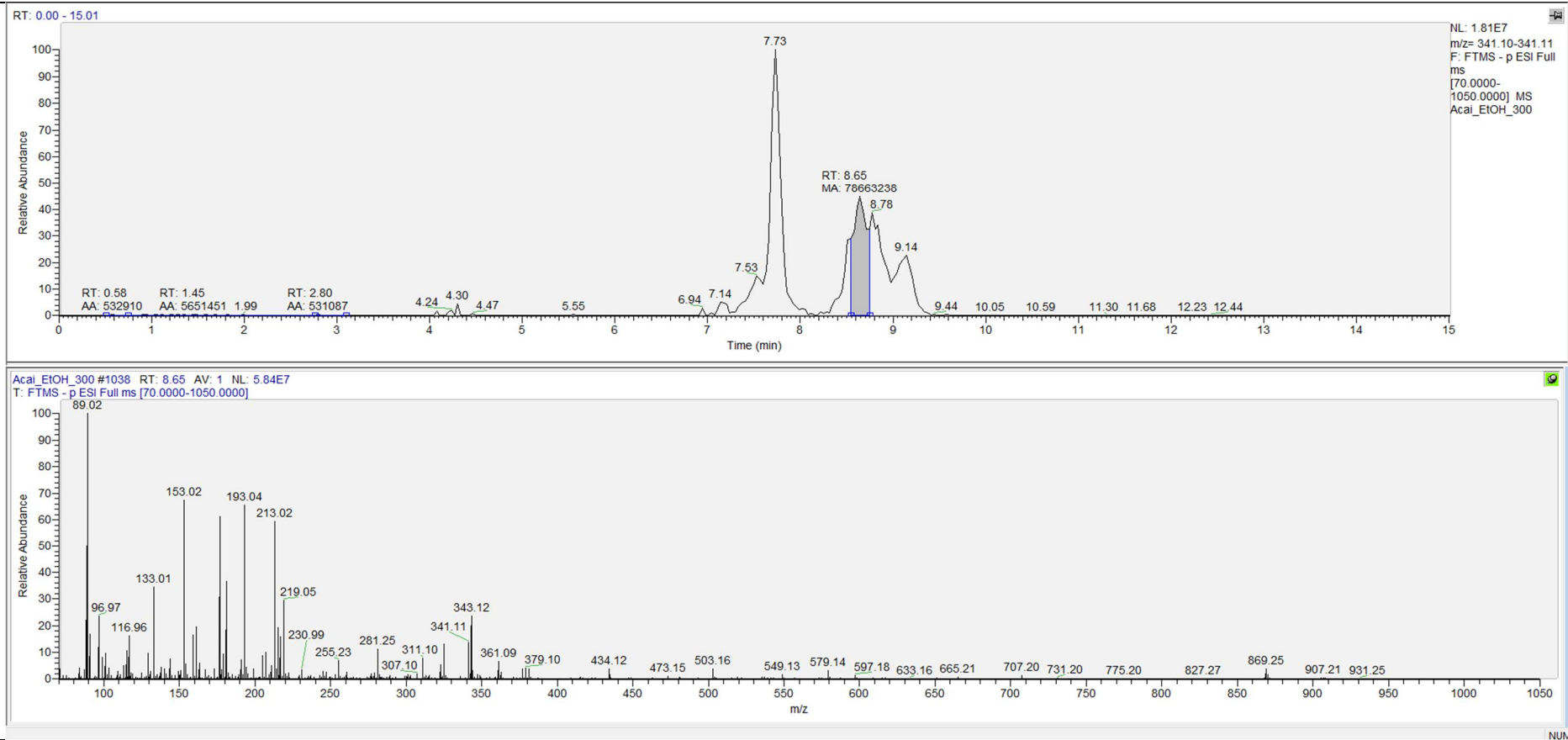
Leucine

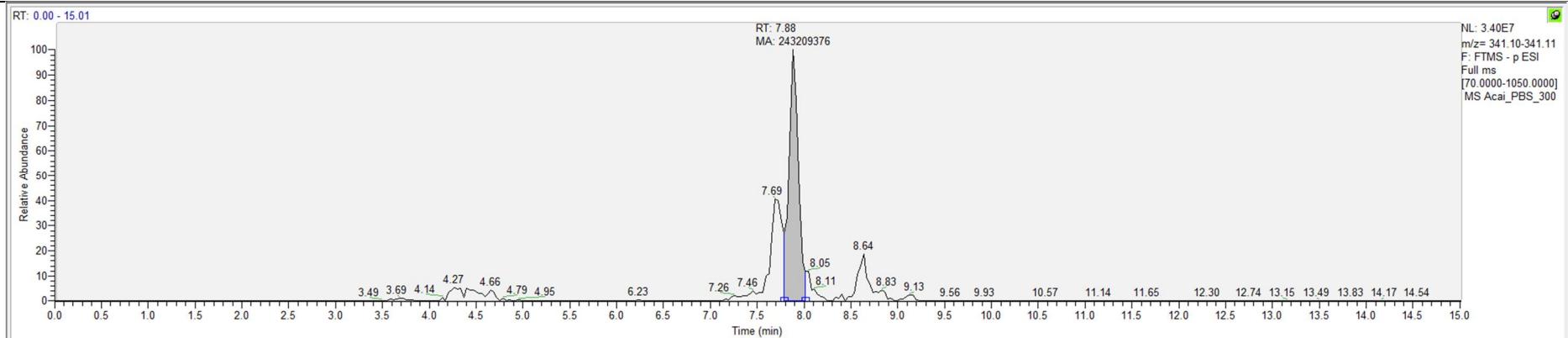


Cellotetraose

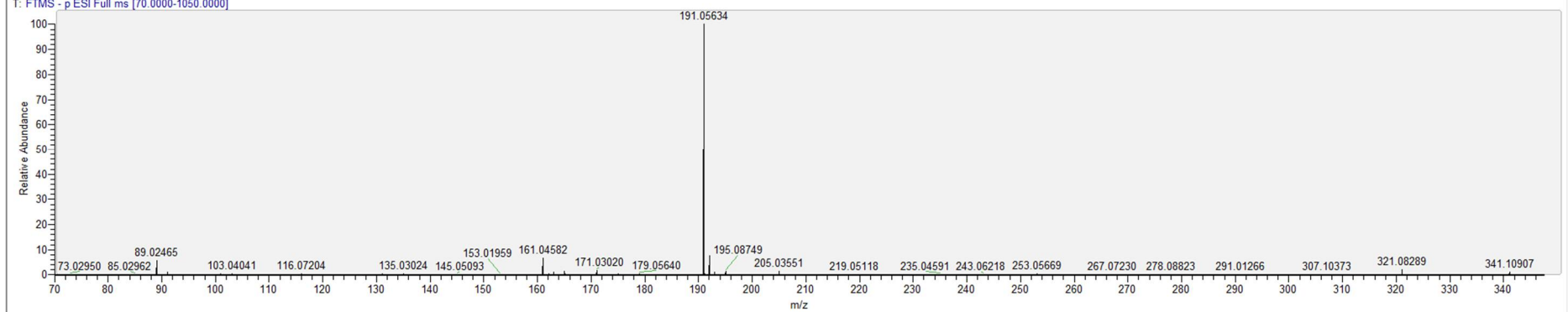


Sucrose

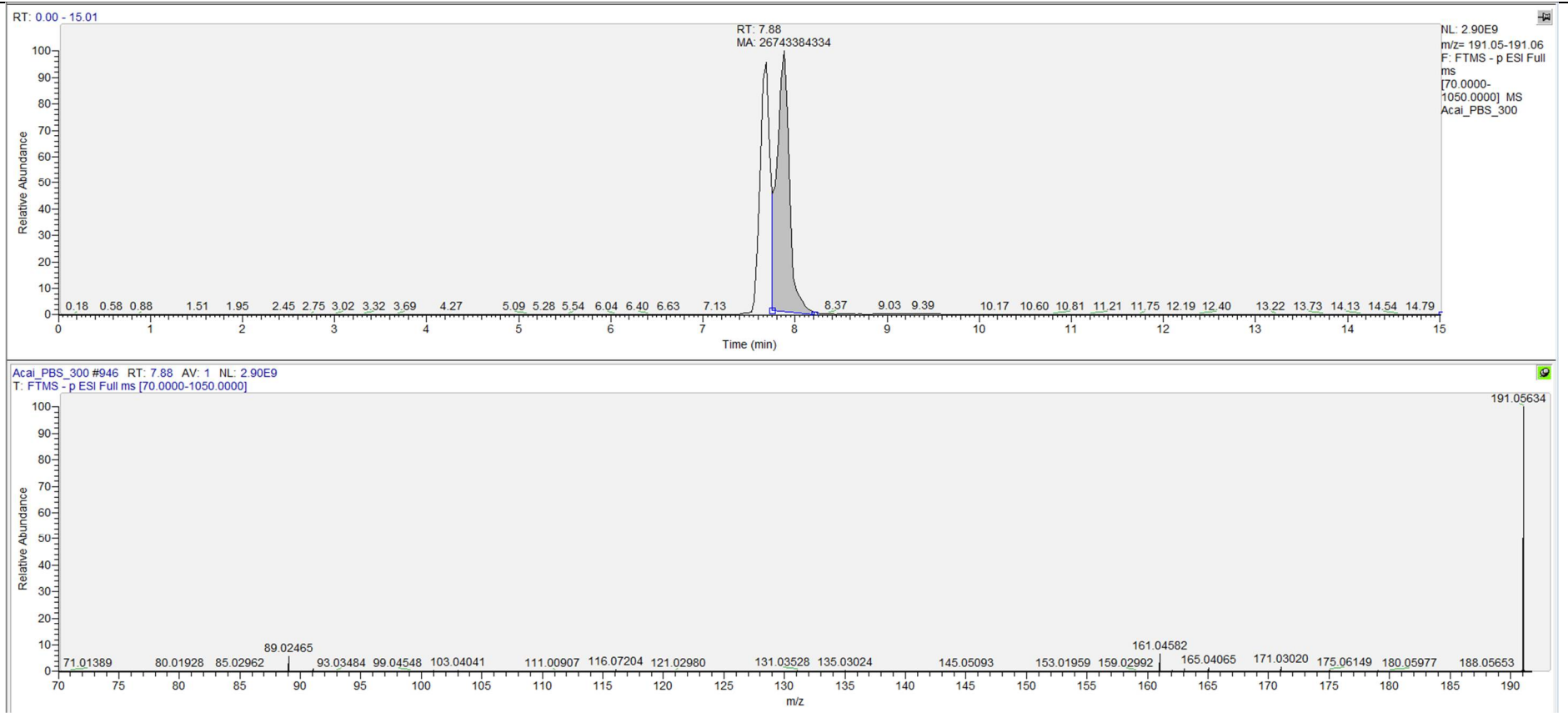


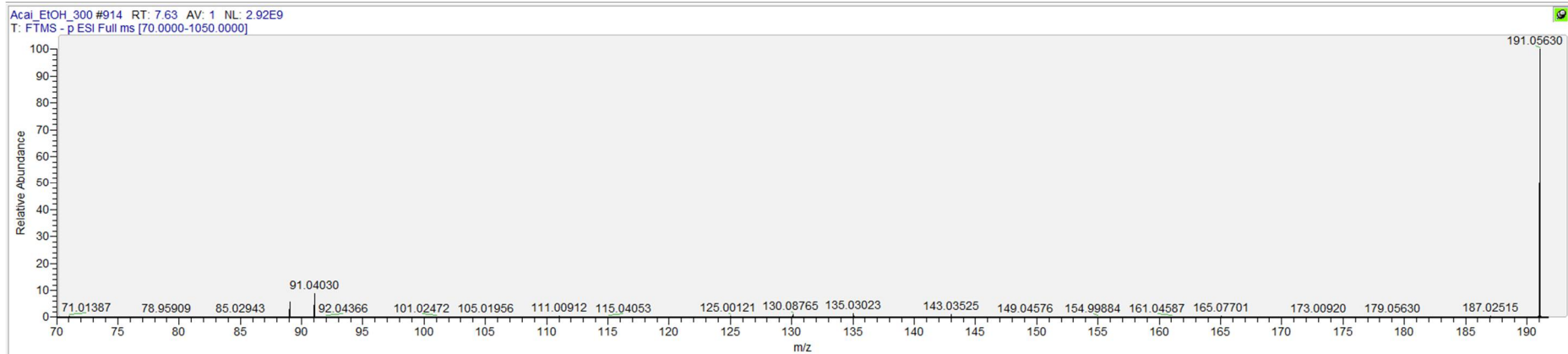
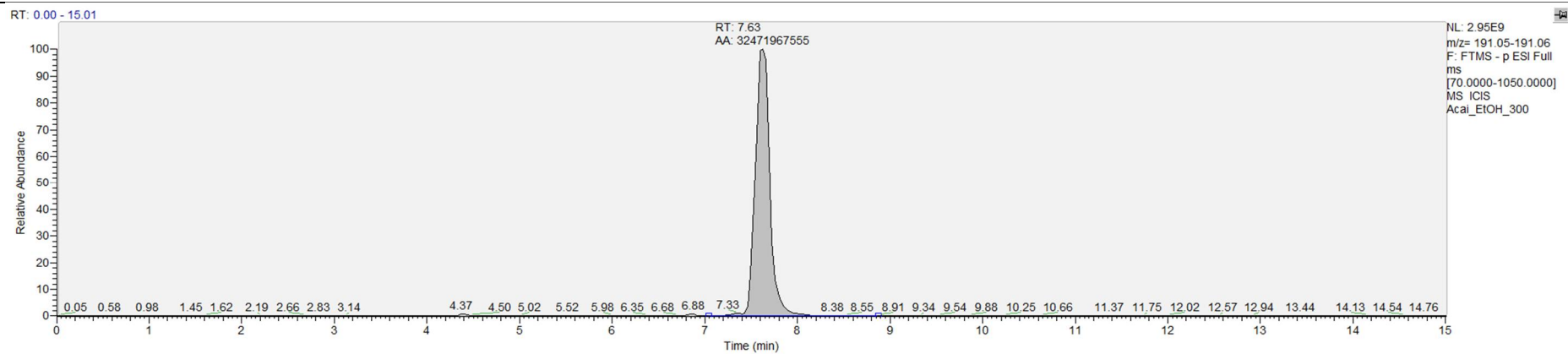


Acai_PBS_300 #946 RT: 7.88 AV: 1 NL: 2.90E9
T: FTMS - p ESI Full ms [70.0000-1050.0000]

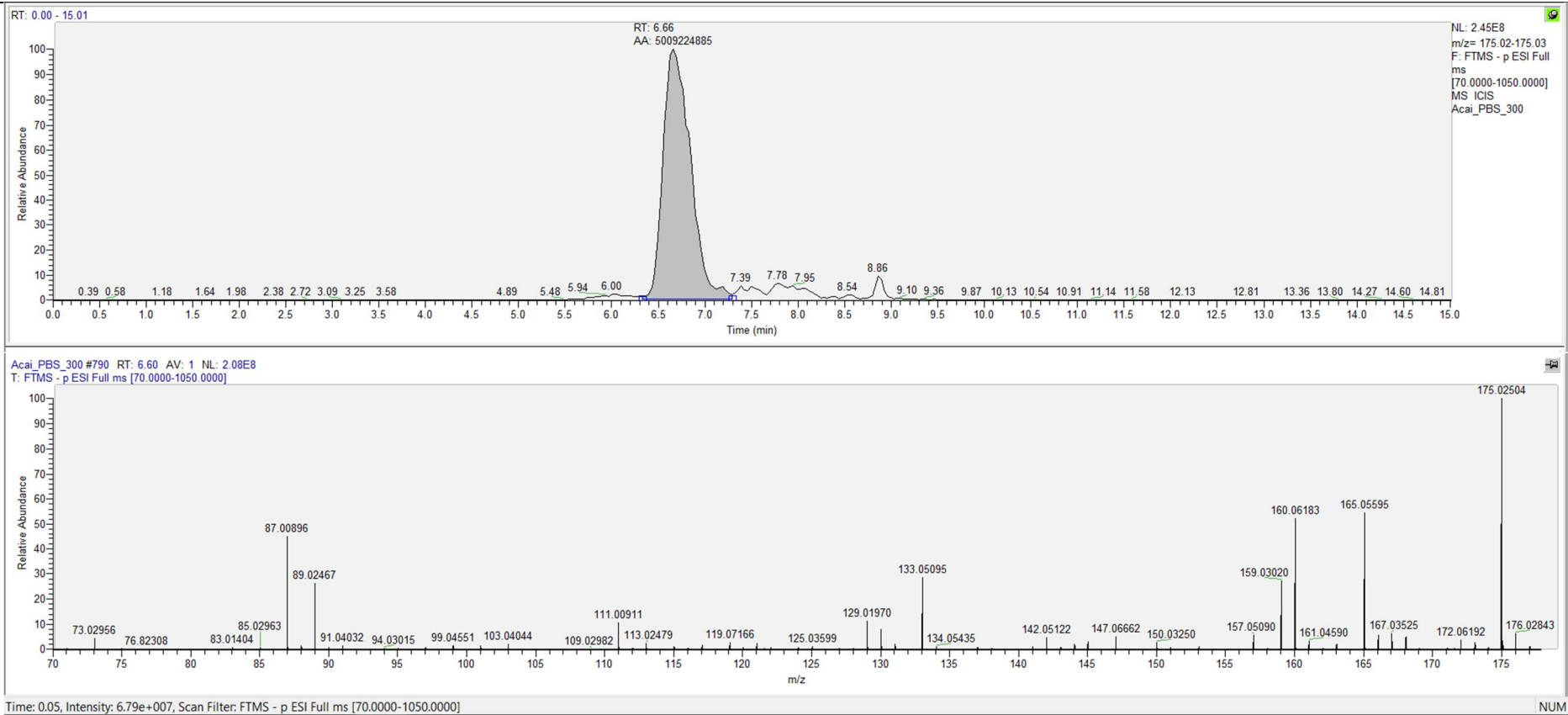


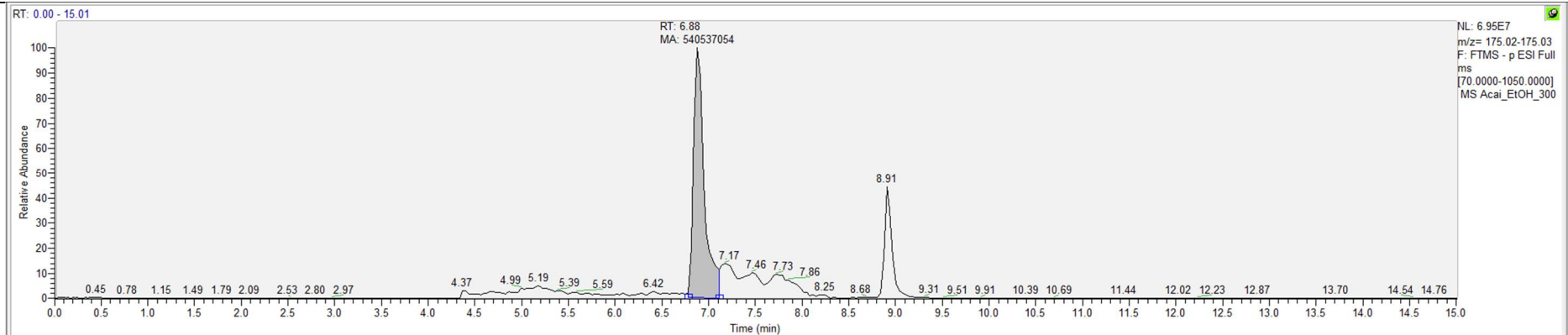
Quinic acid isomer
1





Ascorbic acid
(Vitamin C)





Acai_EtOH_300 #822 RT: 6.88 AV: 1 NL: 1.14E8
T: FTMS - p ESI Full ms [70.0000-1050.0000]

