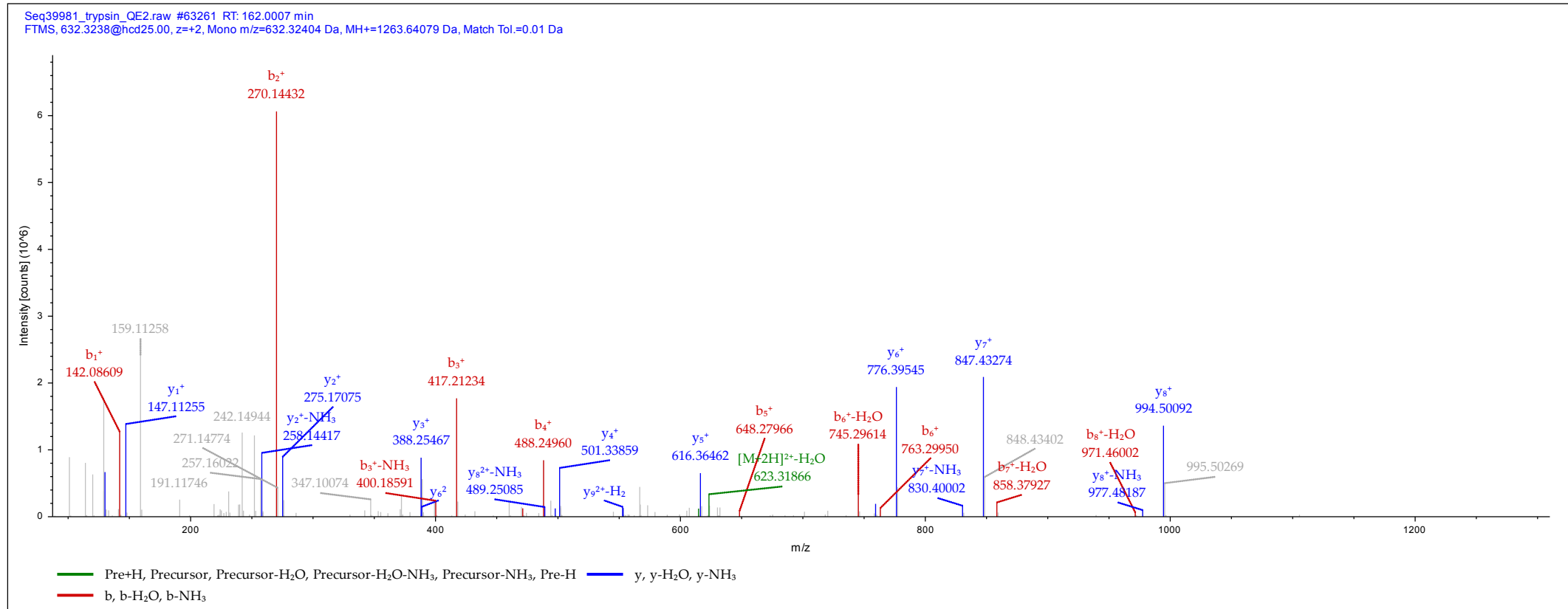


Individual MS2 spectra for proteins identified with single unique peptide

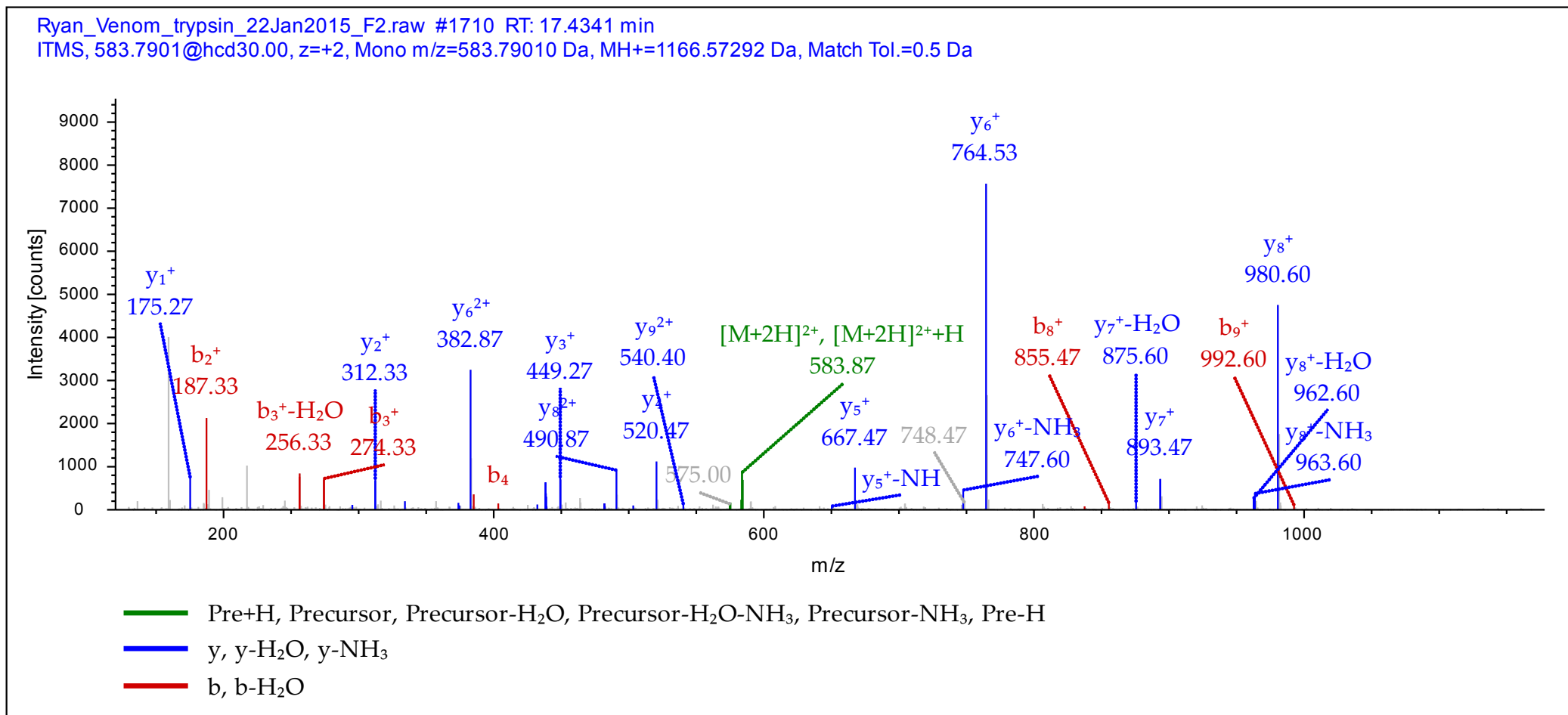
Sequence: LQFACDLLQK, L1-Formyl (27.99492 Da), C5-Carbamidomethyl (57.02146 Da)
Charge: +2, Monoisotopic m/z: 632.32404 Da (+0.31 mmu/+0.48 ppm), MH+: 1263.64079 Da, RT: 162.0007 min,
Identified with: Sequest HT (v1.17); XCorr:3.54, Percolator q-Value:0.000195, Percolator PEP: 0.000444, Ions matched by search engine: 0/0
Fragment match tolerance used for search: 0.02 Da

Accession:
cds.comp36671_c0_seq3_m.252774



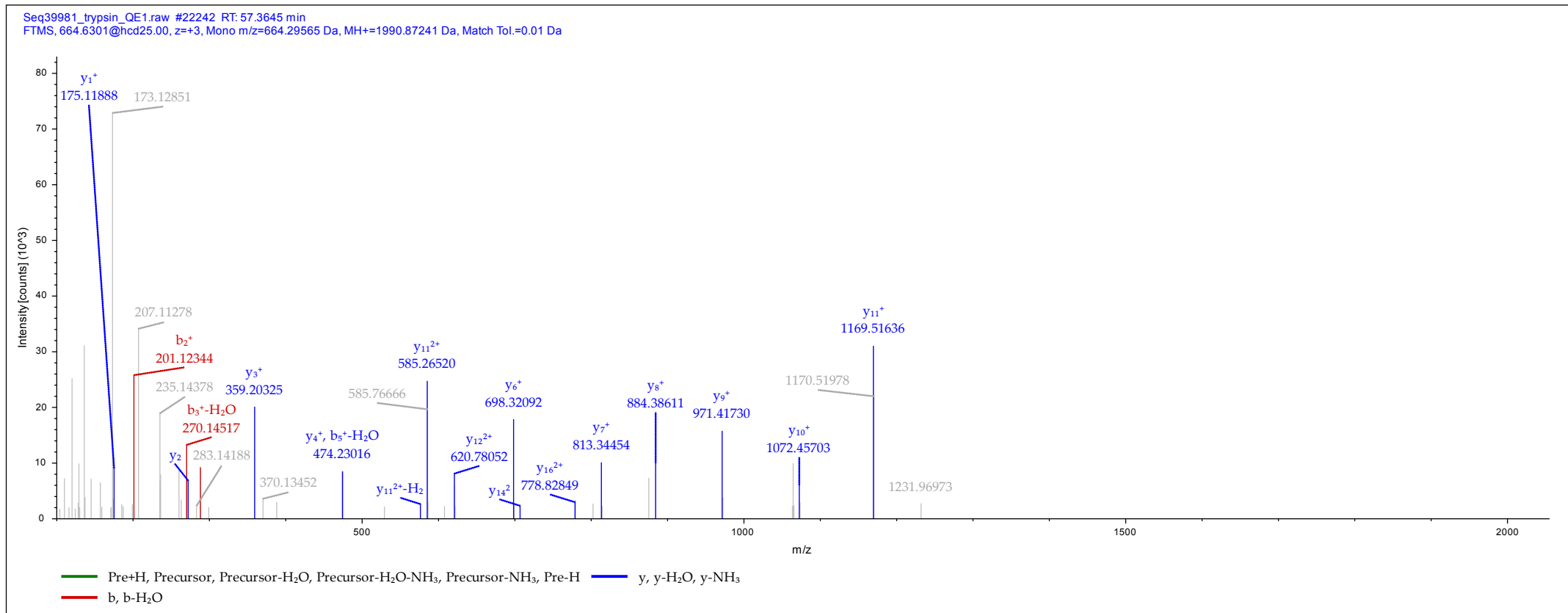
Sequence: SVSEPF_AHHR, Charge: +2, Monoisotopic m/z: 583.79010 Da (+1.4 mmu/+2.39 ppm), MH⁺: 1166.57292 Da, RT: 17.4341 min, Identified with: Sequest HT (v1.17); XCorr:3.25, Percolator q-Value:0, Percolator PEP:0.00175, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp40672_c6_seq2_m.593234



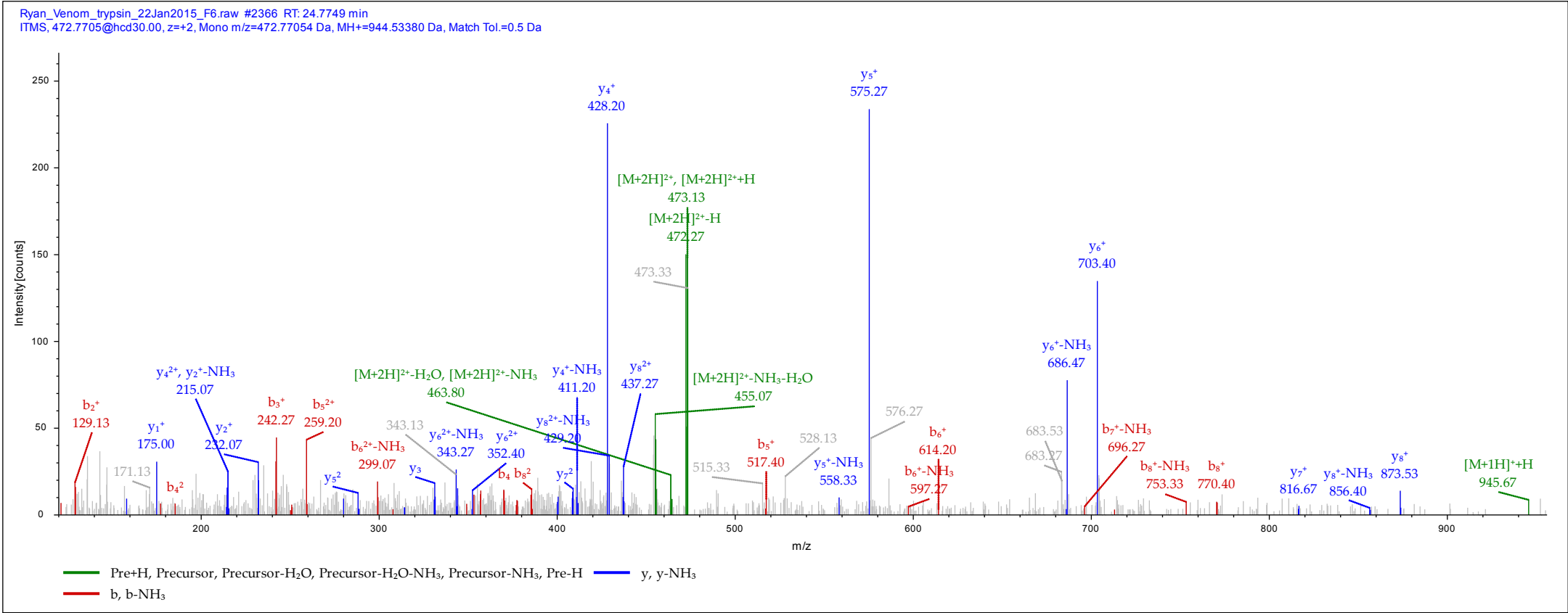
Sequence: SLSFGSDAPTSADSHDSPR, Charge: +3, Monoisotopic m/z: 664.29565
 Da (-0.43 mmu/-0.65 ppm), MH+: 1990.87241 Da, RT: 57.3645 min,
 Identified with: Sequest HT (v1.17); XCorr:3.27, Percolator q-Value:0.000122,
 Percolator PEP:0.00028, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp38228_c0_seq2_m.325571



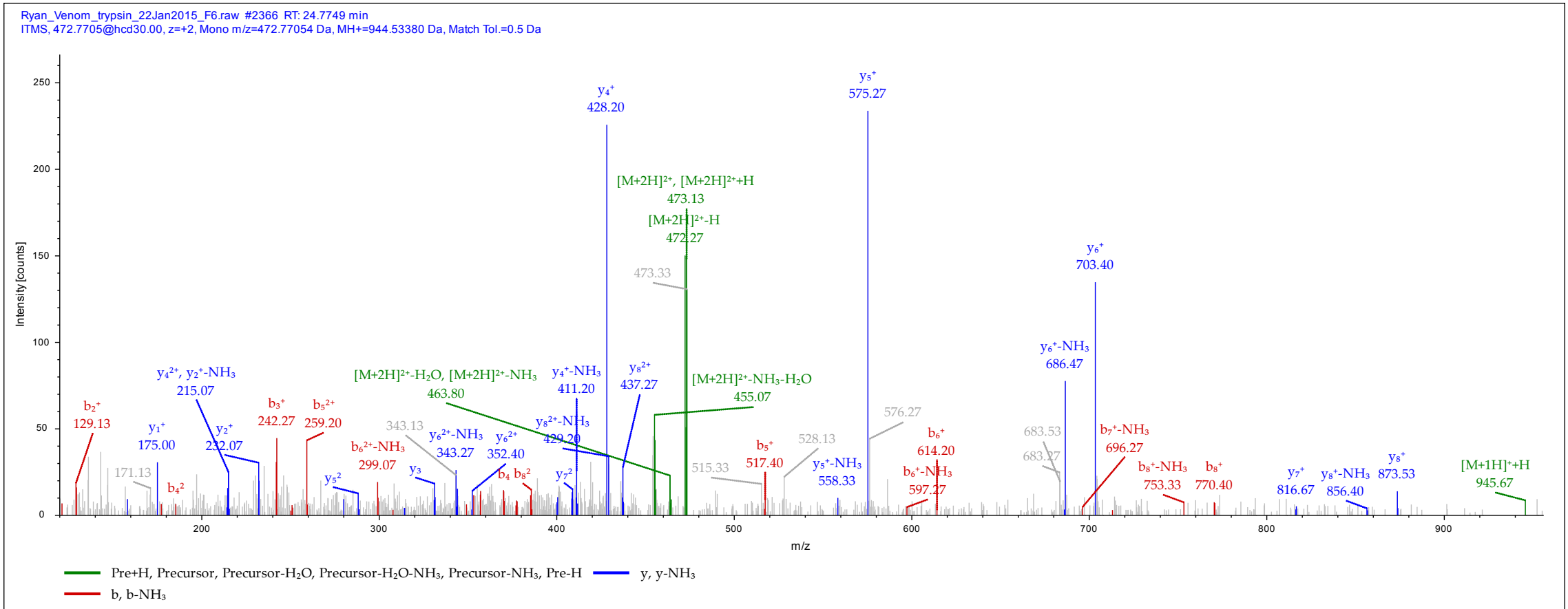
Sequence: AGLQFPVGR, Charge: +2, Monoisotopic m/z: 472.77054 Da (+1.29 mmu/+2.72 ppm), MH+: 944.53380 Da, RT: 24.7749 min, Identified with: Sequest HT (v1.17); XCorr:3.22, Percolator q-Value:0.000888, Percolator PEP: 0.0181, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp41988_c0_seq1_m.808489



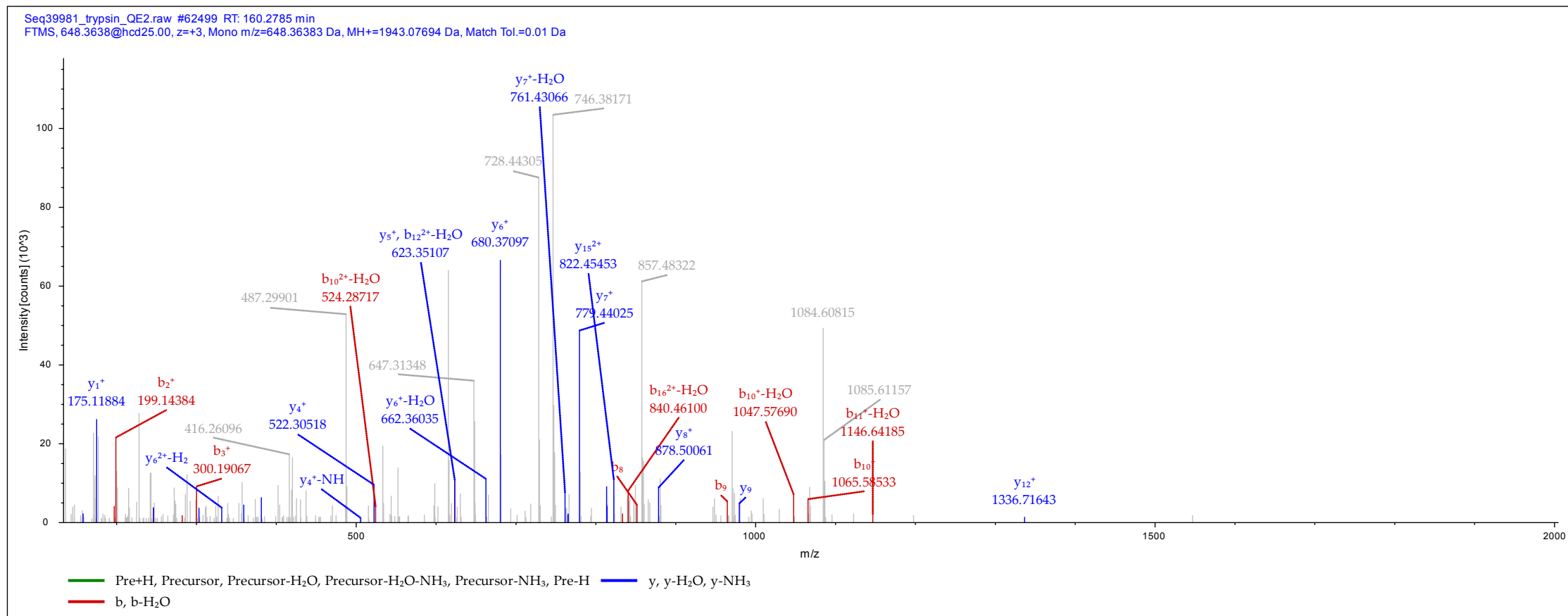
Sequence: AGLQFPVGR, Charge: +2, Monoisotopic m/z: 472.77054 Da
 (+1.29 mmu/+2.72 ppm), MH+: 944.53380 Da, RT: 24.7749 min,
 Identified with: Sequest HT (v1.17); XCorr:3.22, Percolator q-Value:
 0.000888, Percolator PEP:0.0181, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp39051_c0_seq2_m.375858



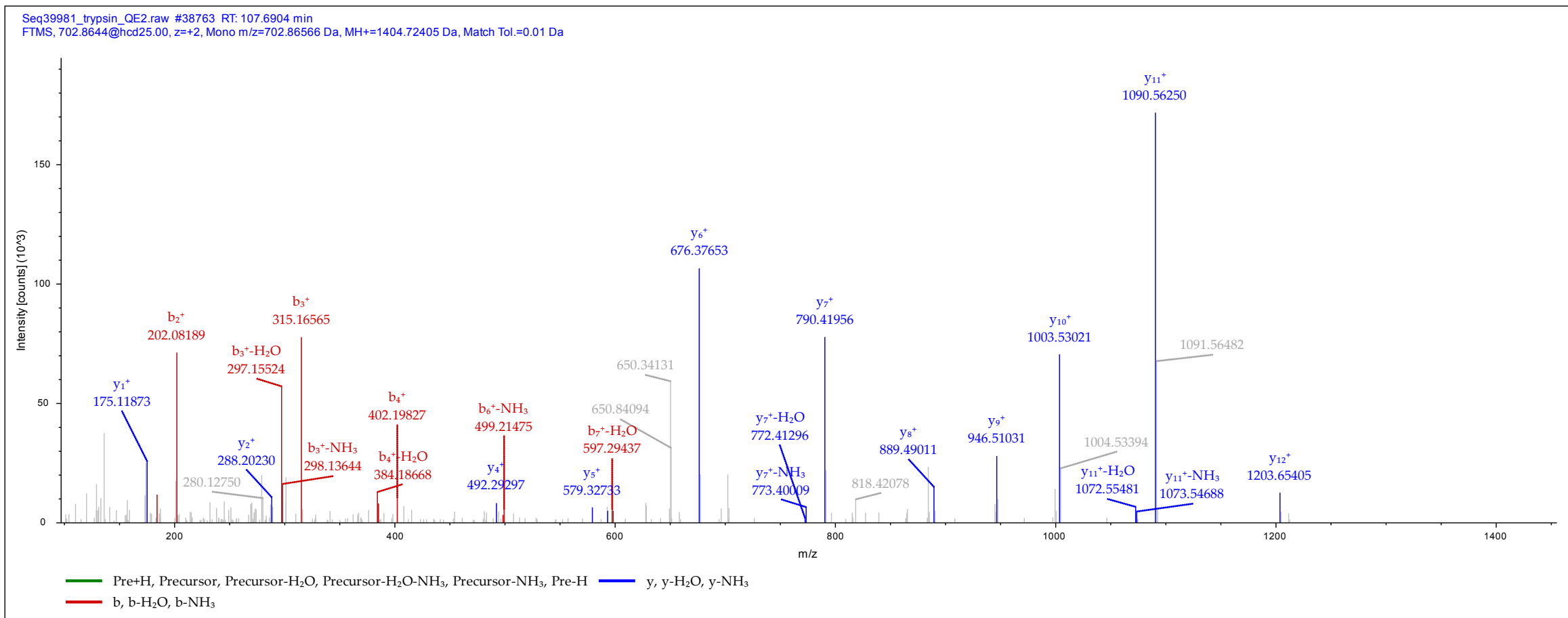
Sequence: VVTPPIEDLTVVGTYIAR, Charge: +3, Monoisotopic m/z: 648.36383 Da
 (-2.62 mmu/-4.05 ppm), MH+: 1943.07694 Da, RT: 160.2785 min,
 Identified with: Sequest HT (v1.17); XCorr:2.83, Percolator q-Value:0.000195,
 Percolator PEP:0.0006, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp39659_c0_seq1_m.428627



Sequence: NSISGGVNPSGFLR, Charge: +2, Monoisotopic m/z: 702.86566 Da (+0.52 mmu/
 +0.74 ppm), MH+: 1404.72405 Da, RT: 107.6904 min,
 Identified with: Sequest HT (v1.17); XCorr:3.48, Percolator q-Value:0, Percolator PEP:
 0.000109, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp41289_c0_seq16_m.787878



Sequence: VYPACGGPVCR, C5-Carbamidomethyl (57.02146 Da), C6-Carbamidomethyl (57.02146 Da), C11-Carbamidomethyl (57.02146 Da)

Charge: +3, Monoisotopic m/z: 465.87039 Da (0 mmu/0 ppm), MH+: 1395.59662 Da, RT: 66.5113 min,

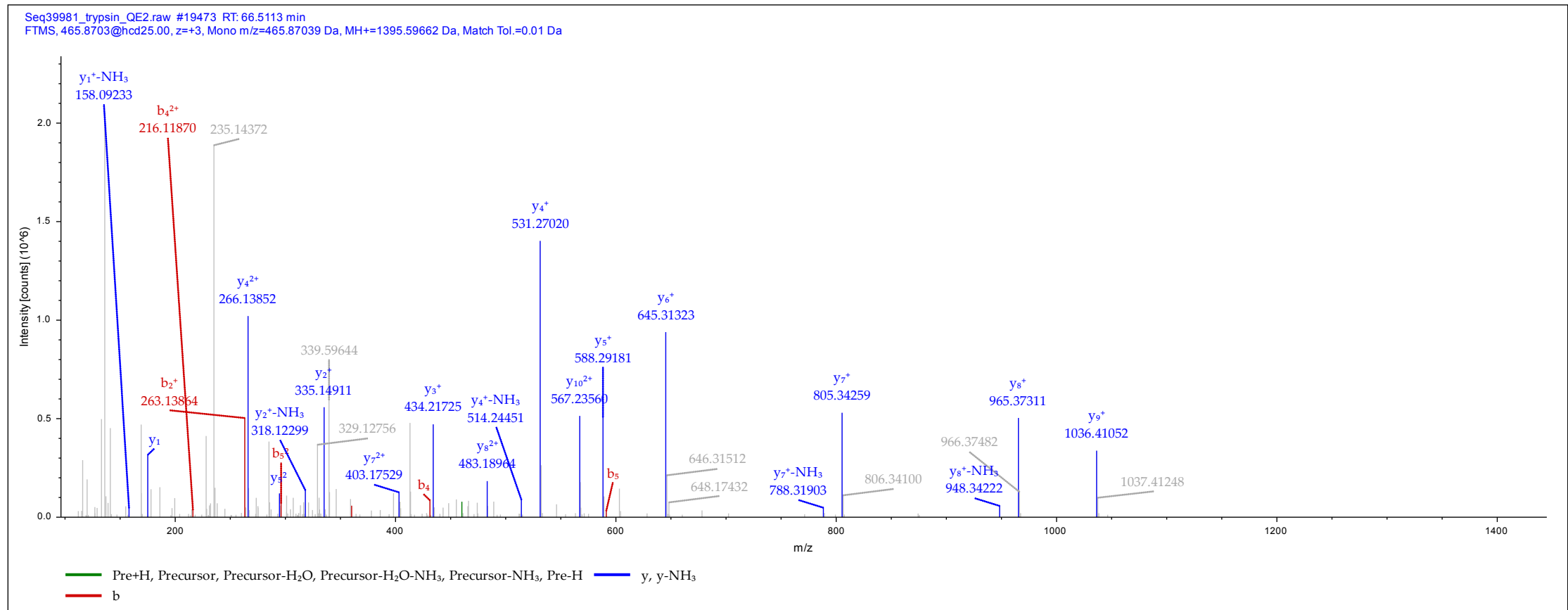
Identified with: Sequest HT (v1.17); XCorr:3.51, Percolator q-Value:0, Percolator PEP:5.7e-05,

Ions matched by search engine: 0/0

Fragment match tolerance used for search: 0.02 Da

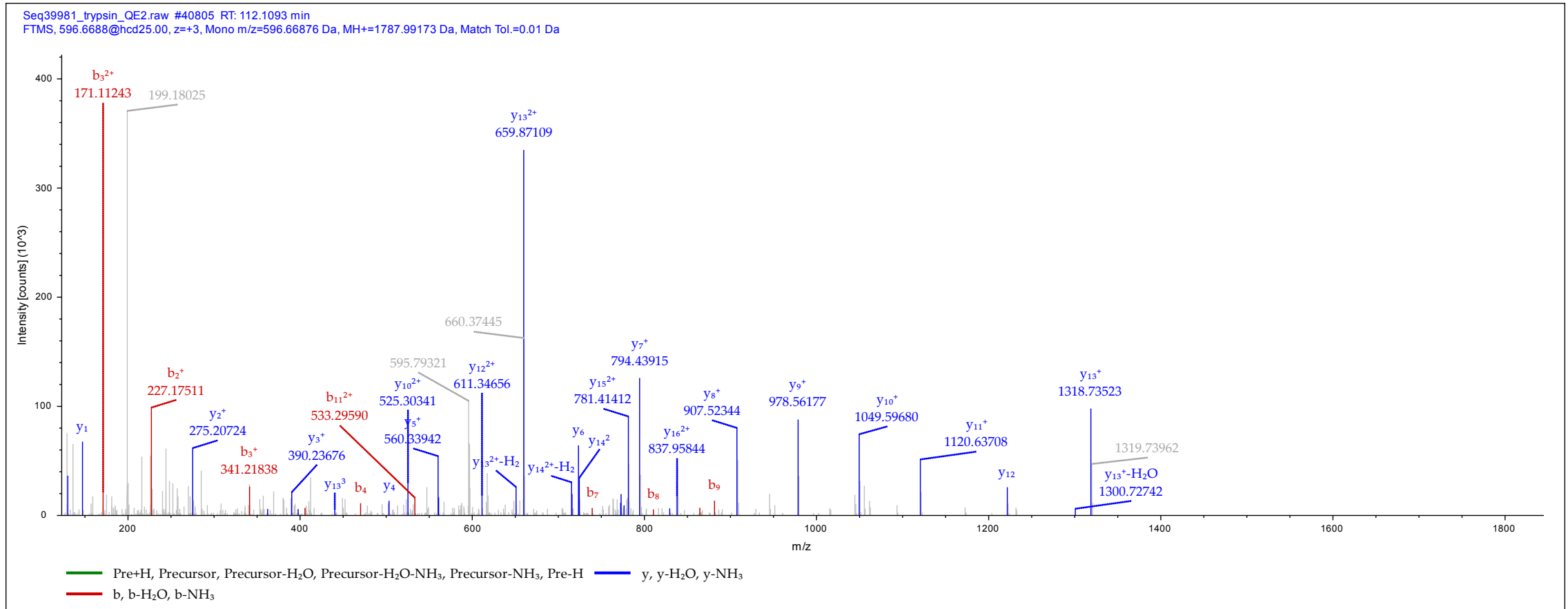
Accession:

cds.comp41326_c0_seq1_m.795841



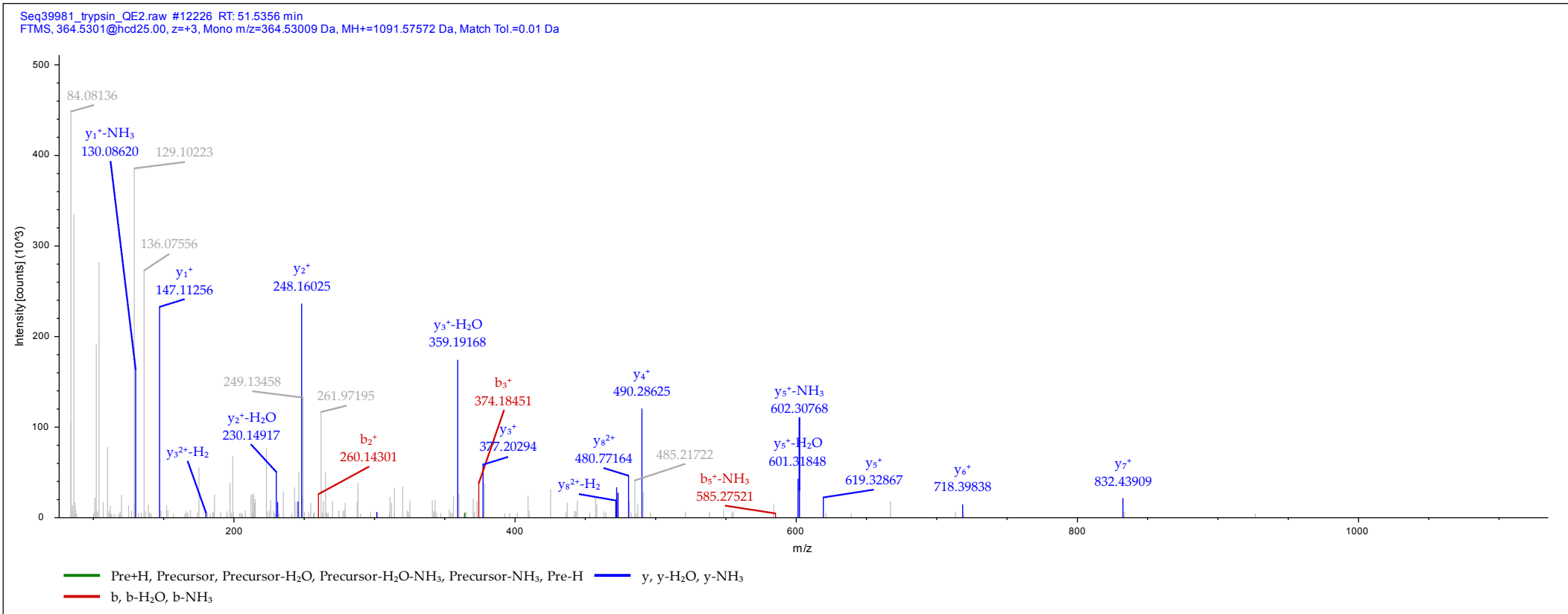
Sequence: IINEPTAAAIAYGLDKK, Charge: +3, Monoisotopic m/z: 596.66876 Da
 (+0.52 mmu/+0.87 ppm), MH+: 1787.99173 Da, RT: 112.1093 min,
 Identified with: Sequest HT (v1.17); XCorr:5.74, Percolator q-Value:0,
 Percolator PEP:3.32e-06, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp22923_c1_seq1_m.89577



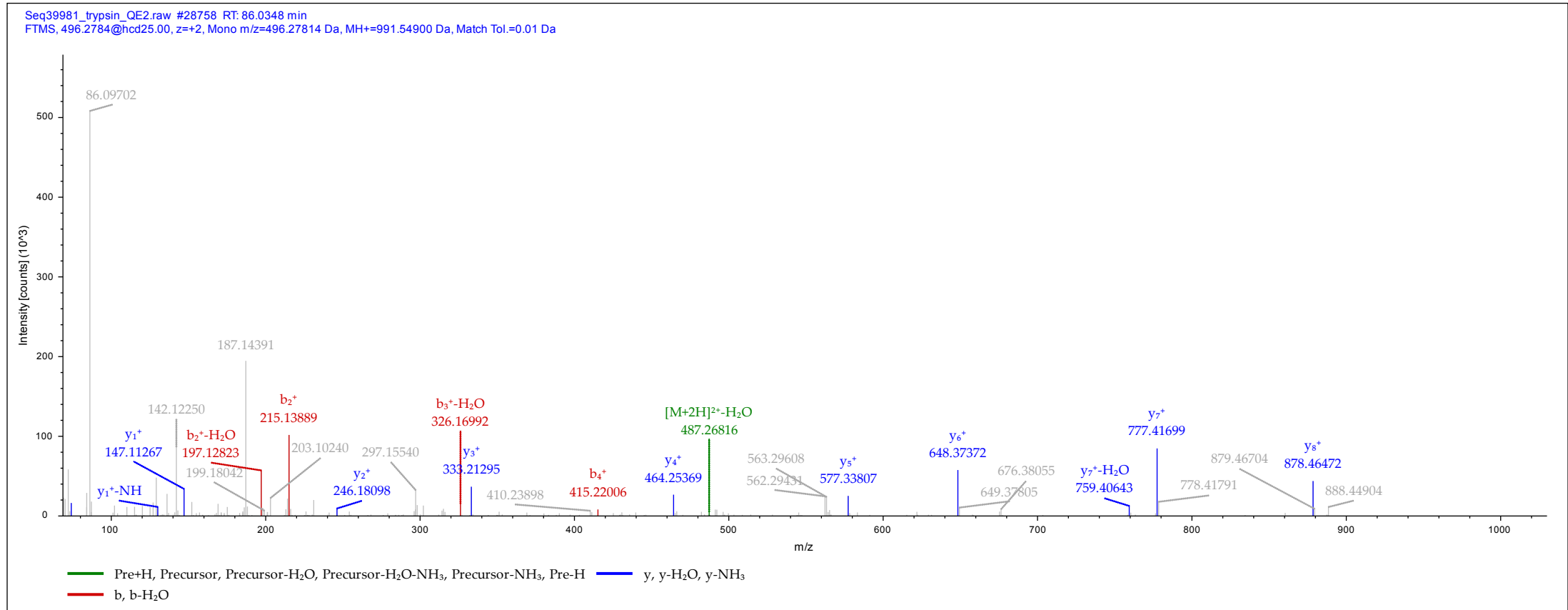
Sequence: MKNVEIETK, Charge: +3, Monoisotopic m/z: 364.53009 Da (-0.27 mmu/-0.74 ppm), MH+: 1091.57572 Da, RT: 51.5356 min, Identified with: Sequest HT (v1.17); XCorr:2.89, Percolator q-Value:0.00108, Percolator PEP:0.0134, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp40852_c0_seq11_m.641087



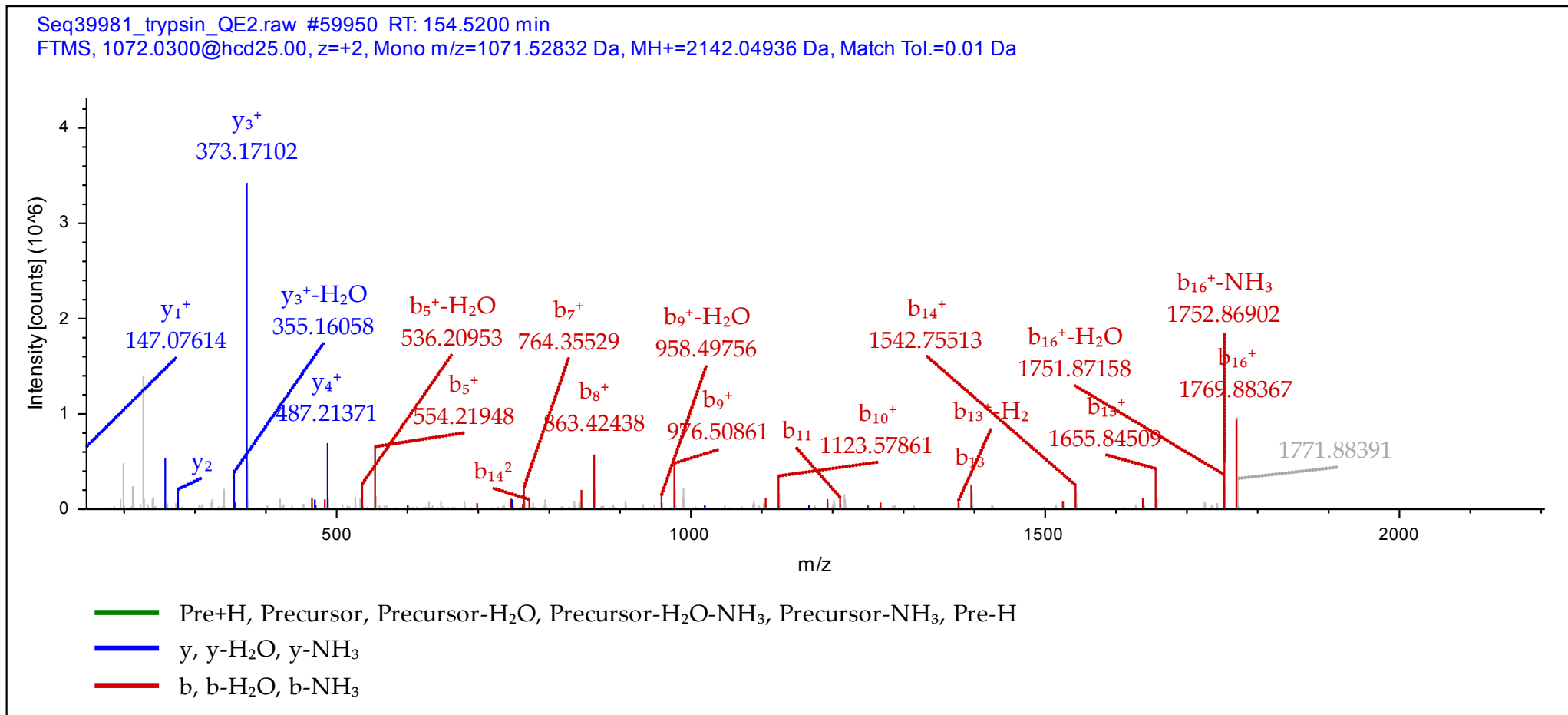
Sequence: ITEALMSVK, Charge: +2, Monoisotopic m/z: 496.27814 Da (-0.12 mmu/-0.25 ppm), MH+: 991.54900 Da, RT: 86.0348 min, Identified with: Sequest HT (v1.17); XCorr:2.70, Percolator q-Value:0.000616, Percolator PEP:0.00268, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.02 Da

Accession:
cds.comp39265_c3_seq4_m.392968



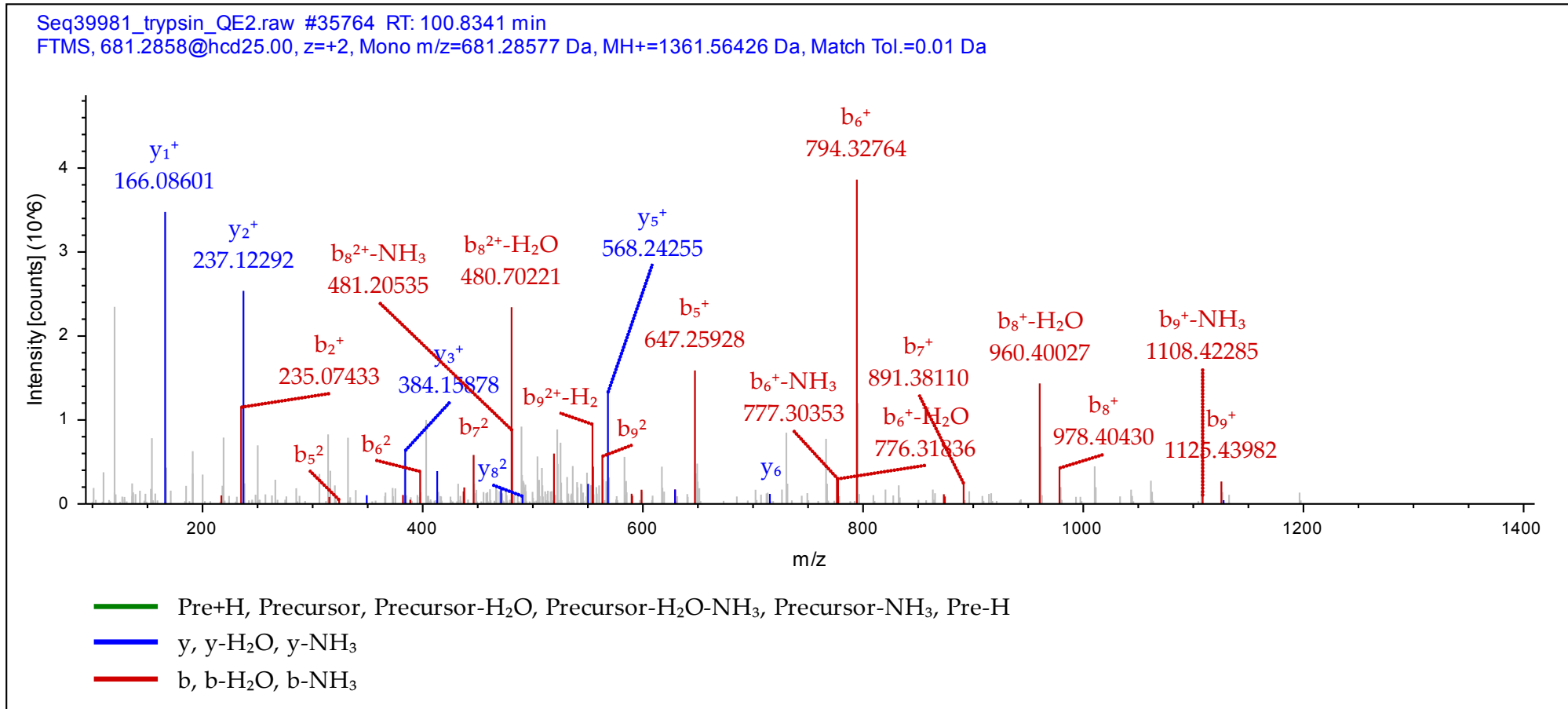
Sequence: ESEHAPLVLFSGQFLNPEQ, Charge: +2, Monoisotopic m/z: 1071.52832 Da (-0.42 mmu/-0.39 ppm), MH+: 2142.04936 Da, RT: 154.5200 min, Identified with: Sequest HT (v1.17); XCorr:5.28, Percolator q-Value:0, Percolator PEP: 2.49e-05, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp40289_c4_seq11_m.508802



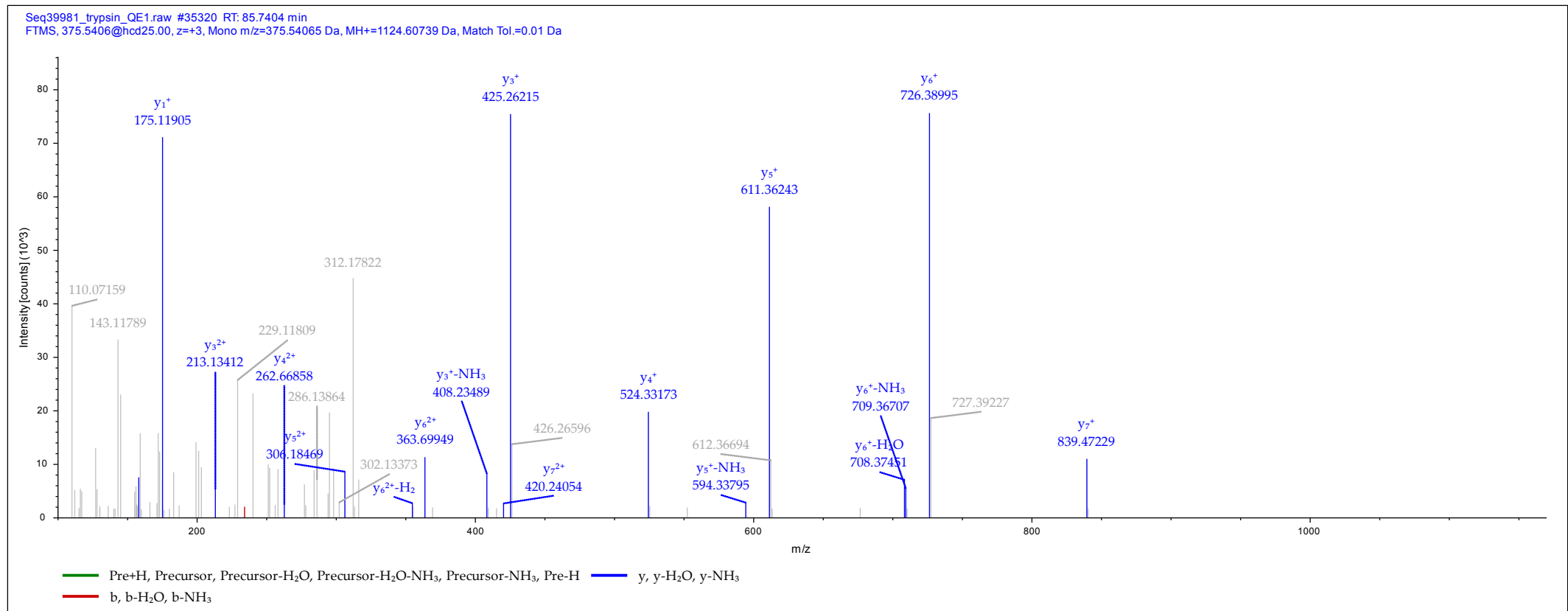
Sequence: SMFHQFPSMAF, M2-Oxidation (15.99492 Da), M9-Oxidation (15.99492 Da)
 Charge: +2, Monoisotopic m/z: 681.28577 Da (-0.52 mmu/-0.77 ppm), MH+: 1361.56426 Da, RT: 100.8341 min,
 Identified with: Sequest HT (v1.17); XCorr:3.06, Percolator q-Value:0.000195, Percolator PEP: 0.00051, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp39451_c0_seq2_m.410525



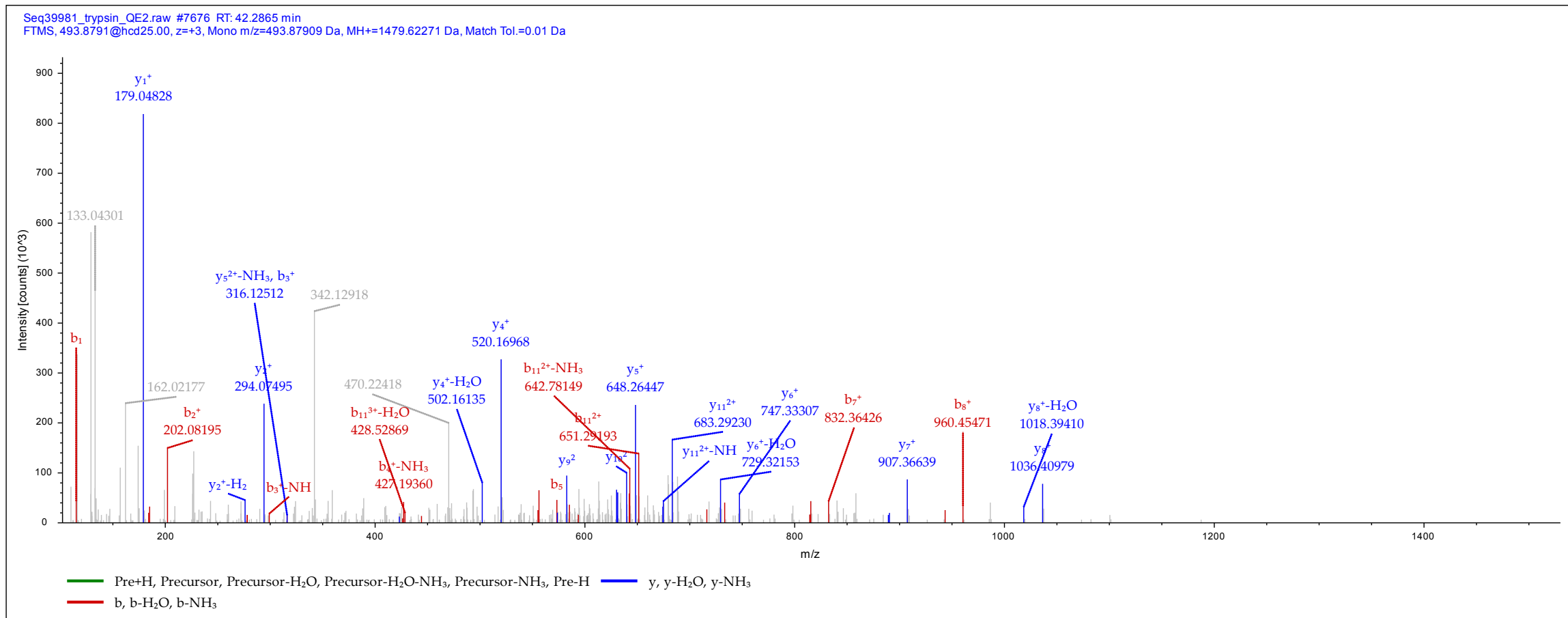
Sequence: RTLDSVHLR, R1-Formyl (27.99492 Da)
Charge: +3, Monoisotopic m/z: 375.54065 Da (-3.23 mmu/-8.61 ppm),
MH+: 1124.60739 Da, RT: 85.7404 min,
Identified with: Sequest HT (v1.17); XCorr:2.38, Percolator q-Value:0.00126,
Percolator PEP:0.0199, Ions matched by search engine: 0/0
Fragment match tolerance used for search: 0.02 Da

Accession:
cds.comp6644_c0_seq1_m.19135



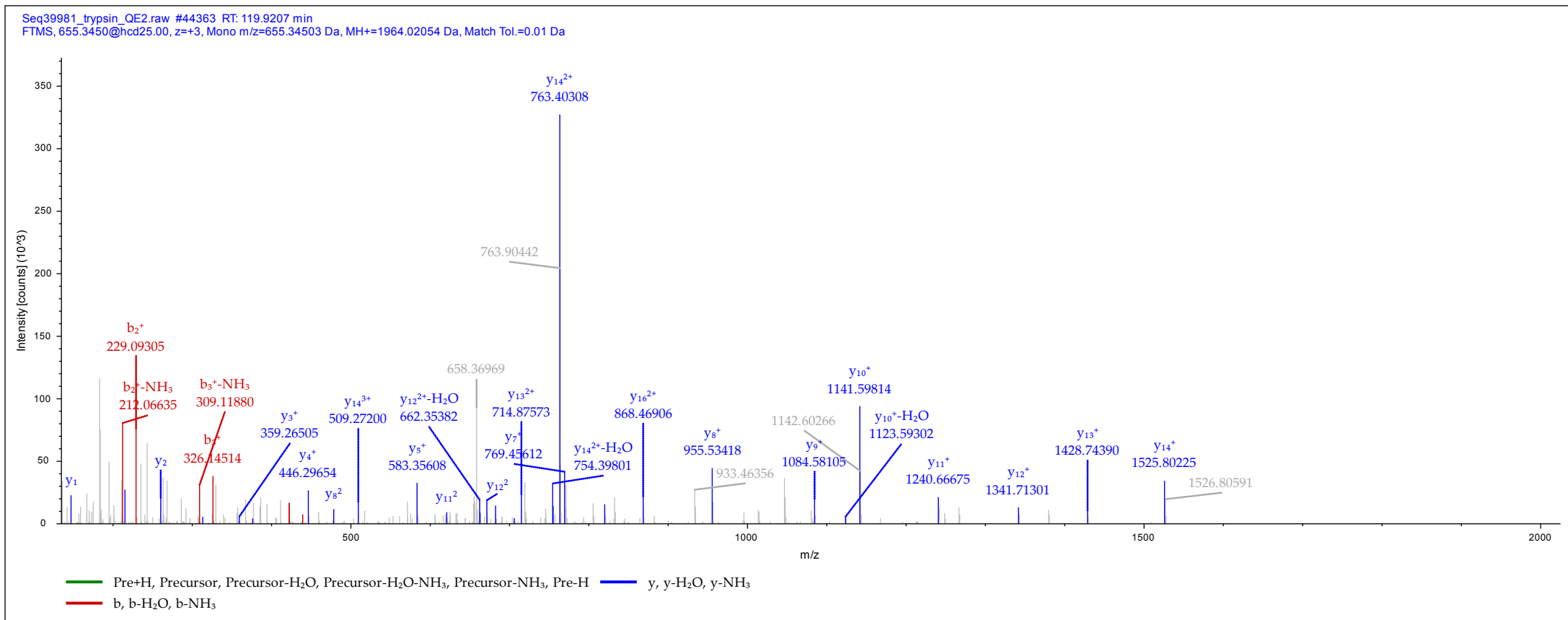
Sequence: NSNKECVKPEDC, C6-Carbamidomethyl (57.02146 Da), C12-Carbamidomethyl (57.02146 Da)
 Charge: +3, Monoisotopic m/z: 493.87909 Da (+0.82 mmu/+1.66 ppm), MH+: 1479.62271 Da, RT: 42.2865 min,
 Identified with: Sequest HT (v1.17); XCorr:4.37, Percolator q-Value:0.000616, Percolator PEP:0.00302, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp40590_c4_seq11_m.572803



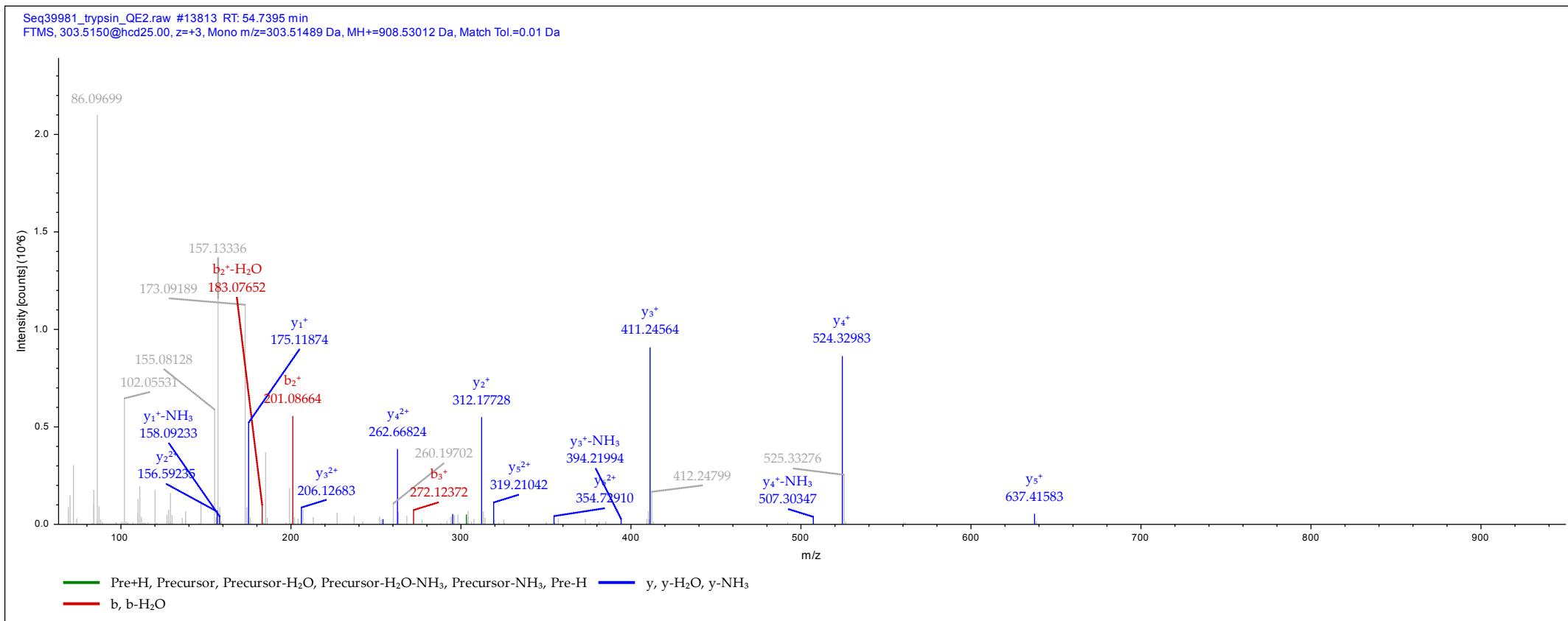
Sequence: NNPIPSTVGEWSVHSVIK, Charge: +3, Monoisotopic m/z: 655.34503 Da (-1.02 mmu/-1.56 ppm), MH+: 1964.02054 Da, RT: 119.9207 min, Identified with: Sequest HT (v1.17); XCorr:4.64, Percolator q-Value:0, Percolator PEP:5.28e-06, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp41312_c0_seq2_m.793188



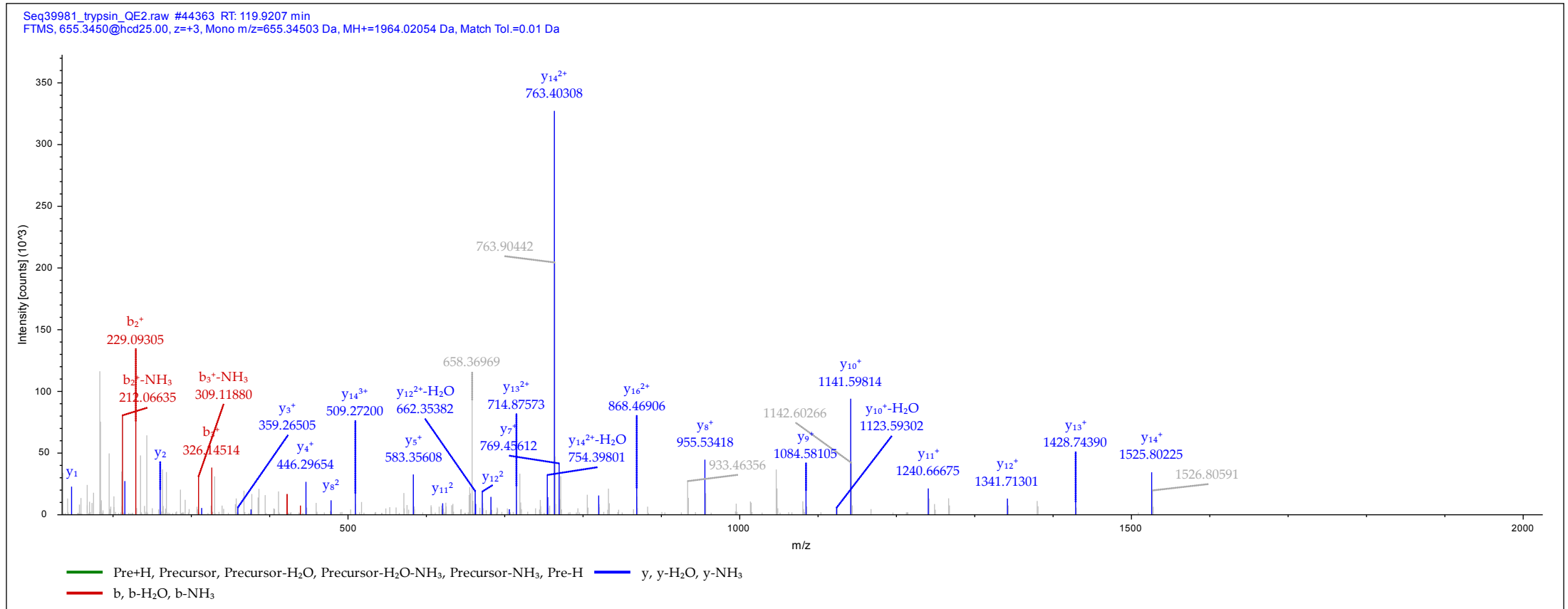
Sequence: ATALLVHR, A1-Formyl (27.99492 Da)
Charge: +3, Monoisotopic m/z: 303.51489 Da (-0.37 mmu/-1.21 ppm), MH+: 908.53012 Da, RT: 54.7395 min,
Identified with: Sequest HT (v1.17); XCorr:2.49, Percolator q-Value:0.00108, Percolator PEP:0.0143, Ions matched by search engine: 0/0
Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp40336_c0_seq3_m.520364



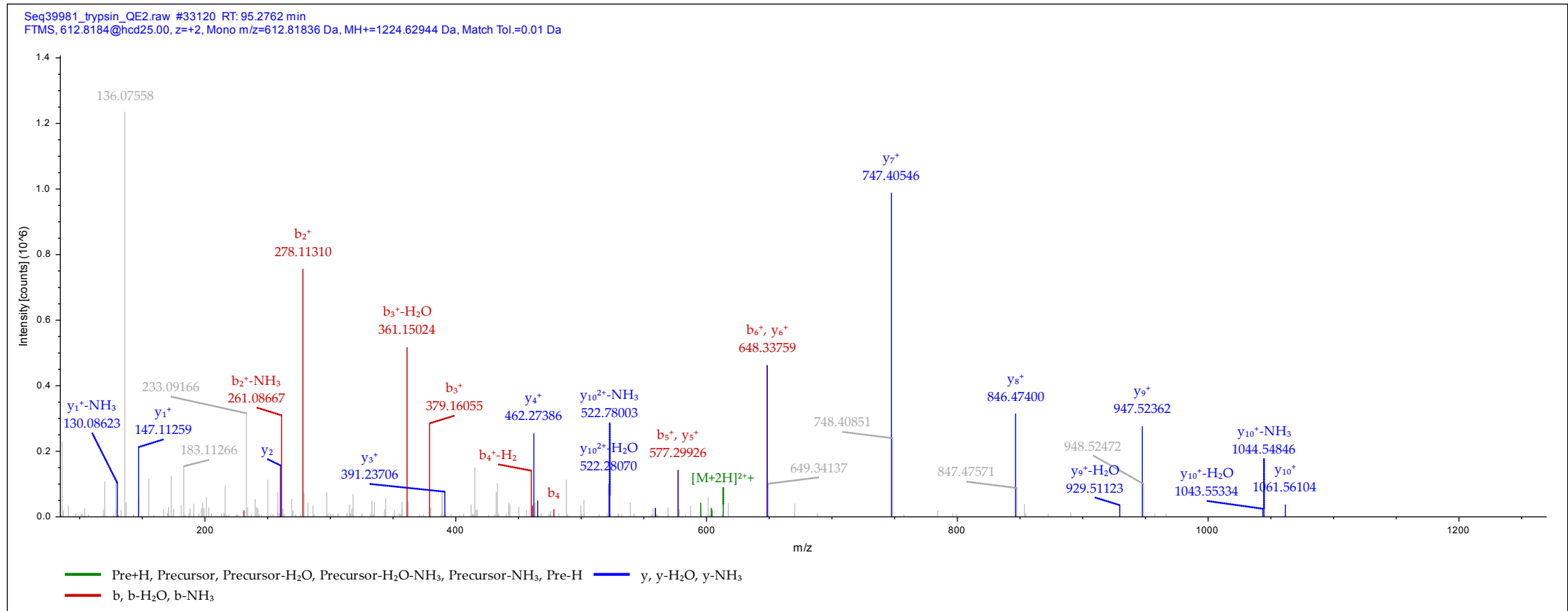
Sequence: NNPIPSTVGEWSVHSHVIK, Charge: +3, Monoisotopic m/z: 655.34503 Da (-1.02 mmu/-1.56 ppm), MH+: 1964.02054 Da, RT: 119.9207 min, Identified with: Sequest HT (v1.17); XCorr:4.64, Percolator q-Value:0, Percolator PEP:5.28e-06, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.02 Da

Accession: cds.comp41312_c0_seq6_m.793343



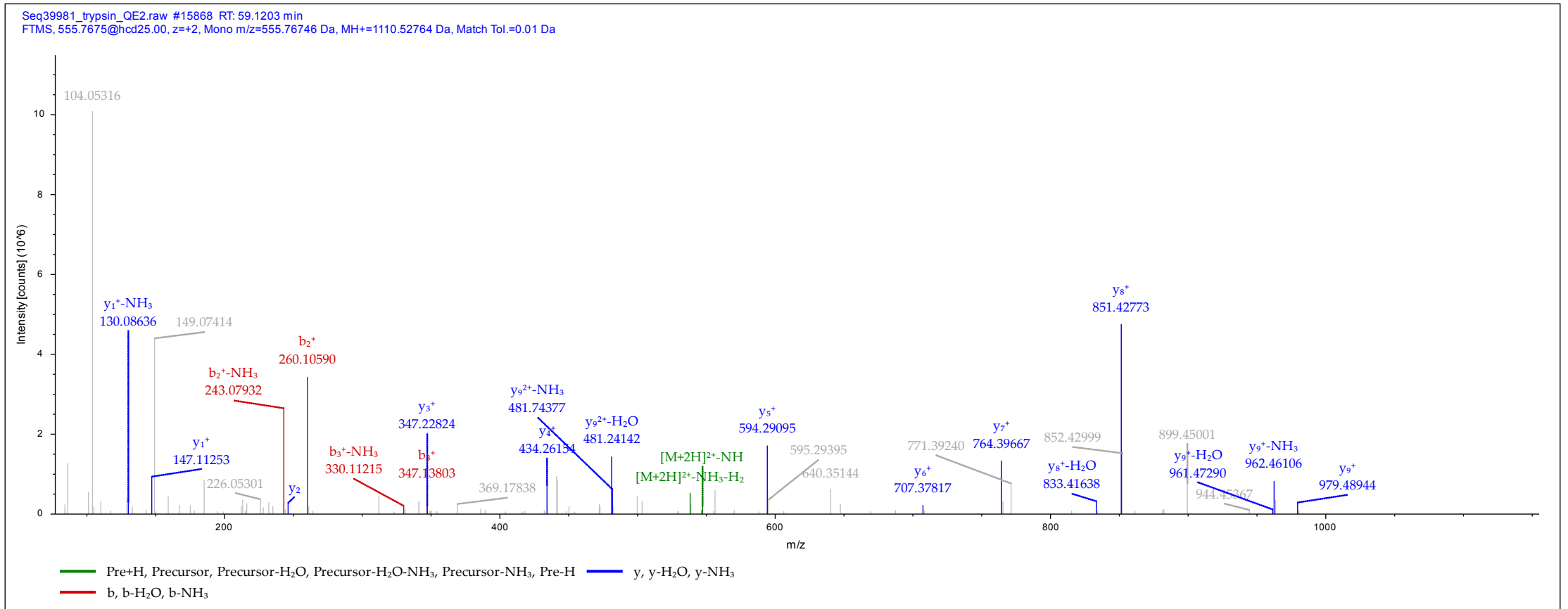
Sequence: YNTVVADAMIK, Charge: +2, Monoisotopic m/z: 612.81836 Da (+0.08 mmu/+0.13 ppm), MH+: 1224.62944 Da, RT: 95.2762 min, Identified with: Sequest HT (v1.17); XCorr:2.84, Percolator q-Value:0.000122, Percolator PEP:0.000168, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.02 Da

Accession:
cvs.comp39577_c0_seq3_m.422174



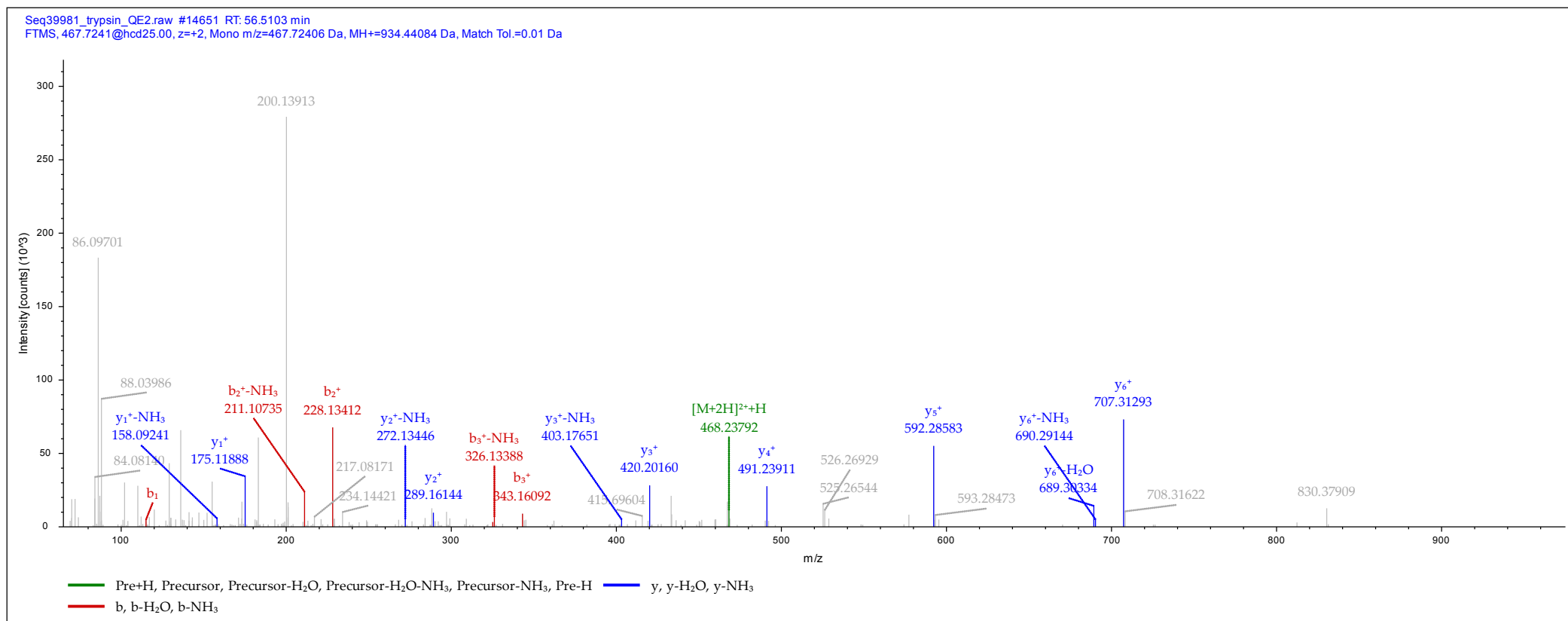
Sequence: MQSGICSTVK, C6-Carbamidomethyl (57.02146 Da)
 Charge: +2, Monoisotopic m/z: 555.76746 Da (-0.28 mmu/-0.5 ppm), MH+:
 1110.52764 Da, RT: 59.1203 min,
 Identified with: Sequest HT (v1.17); XCorr:2.37, Percolator q-Value:0.000195,
 Percolator PEP:0.000642, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp36801_c3_seq1_m.263582



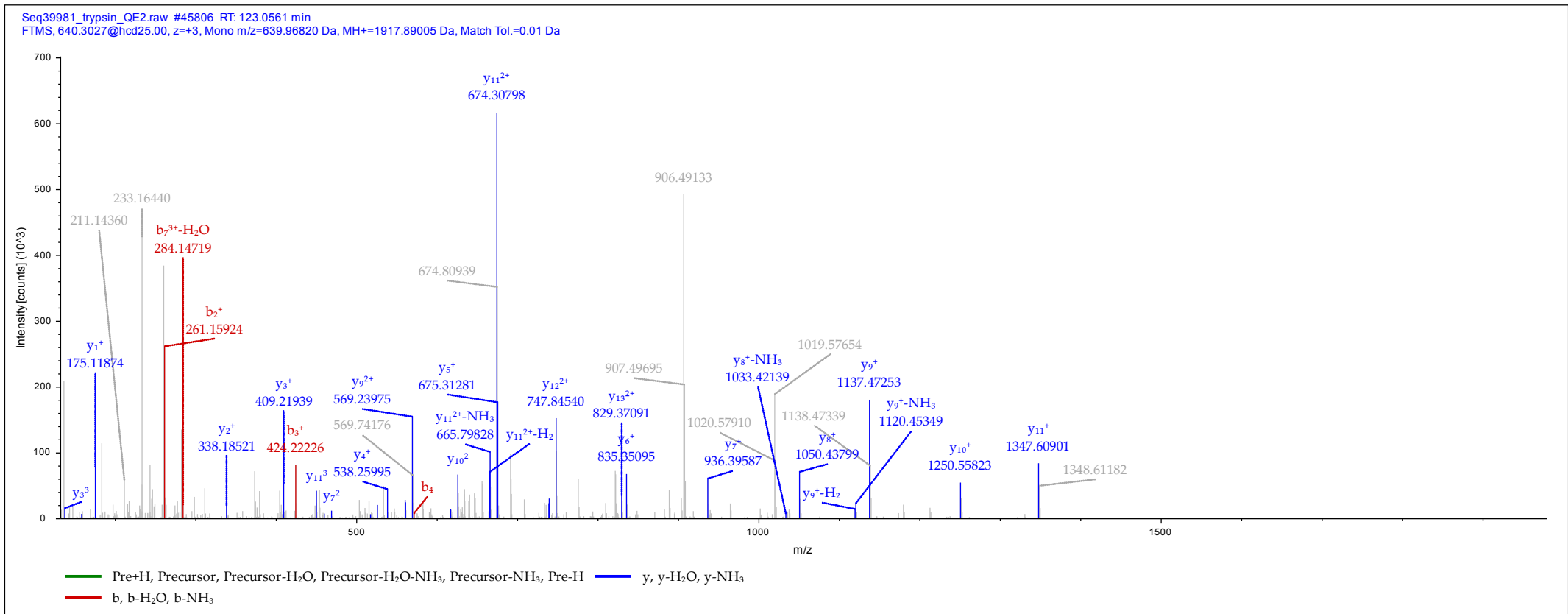
Sequence: NLDTAMNR, Charge: +2, Monoisotopic m/z: 467.72406 Da
 (-0.12 mmu/-0.26 ppm), MH+: 934.44084 Da, RT: 56.5103 min,
 Identified with: Sequest HT (v1.17); XCorr:2.07, Percolator q-Value:
 0.00599, Percolator PEP:0.108, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp39265_c3_seq2_m.392916



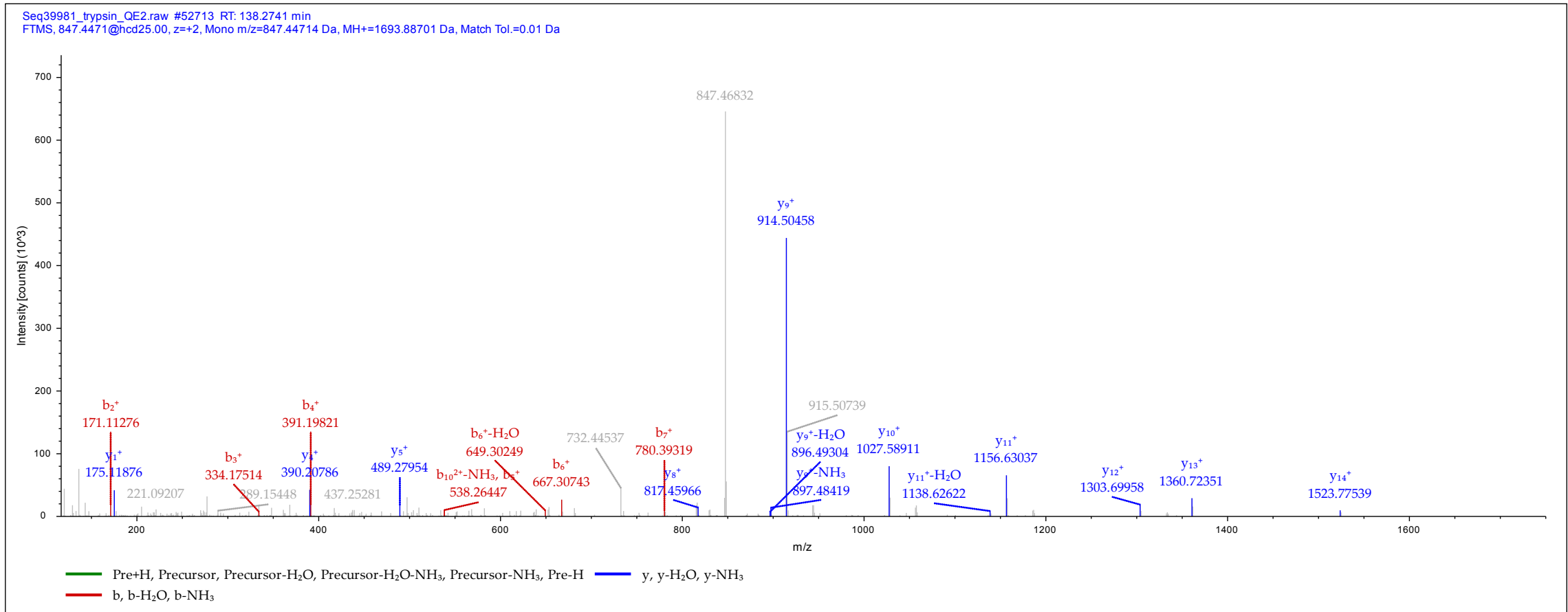
Sequence: FLYFPLSNTCHEAYR, C10-Carbamidomethyl (57.02146 Da)
Charge: +3, Monoisotopic m/z: 639.96820 Da (-1.73 mmu/-2.7 ppm),
MH+: 1917.89005 Da, RT: 123.0561 min,
Identified with: Sequest HT (v1.17); XCorr:3.68, Percolator q-Value:0,
Percolator PEP:4.23e-05, Ions matched by search engine: 0/0
Fragment match tolerance used for search: 0.02 Da

Accession:
cds.comp41976_c0_seq1_m.808306



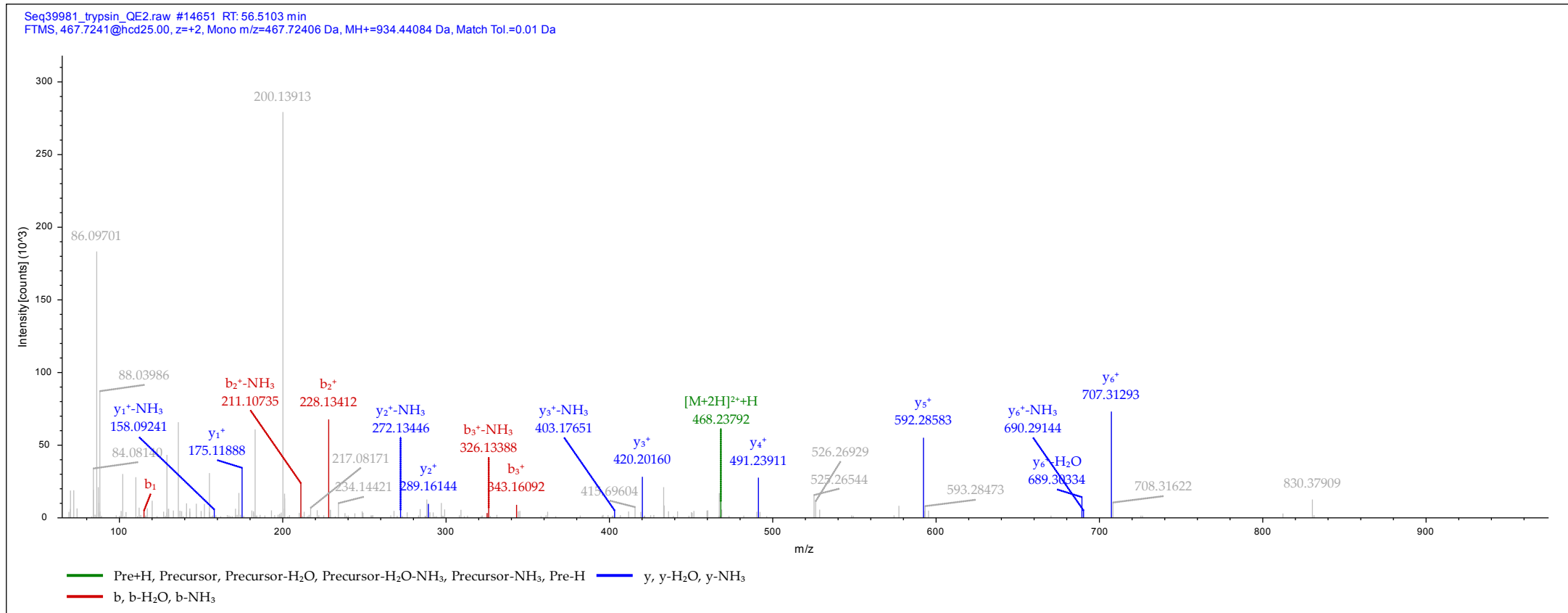
Sequence: AVYGFEIPNTLVGGTR, Charge: +2, Monoisotopic m/z: 847.44714 Da (-1.89 mmu/-2.23 ppm), MH+: 1693.88701 Da, RT: 138.2741 min, Identified with: Sequest HT (v1.17); XCorr:3.84, Percolator q-Value:0, Percolator PEP: 2.12e-05, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp37241_c0_seq3_m.288938



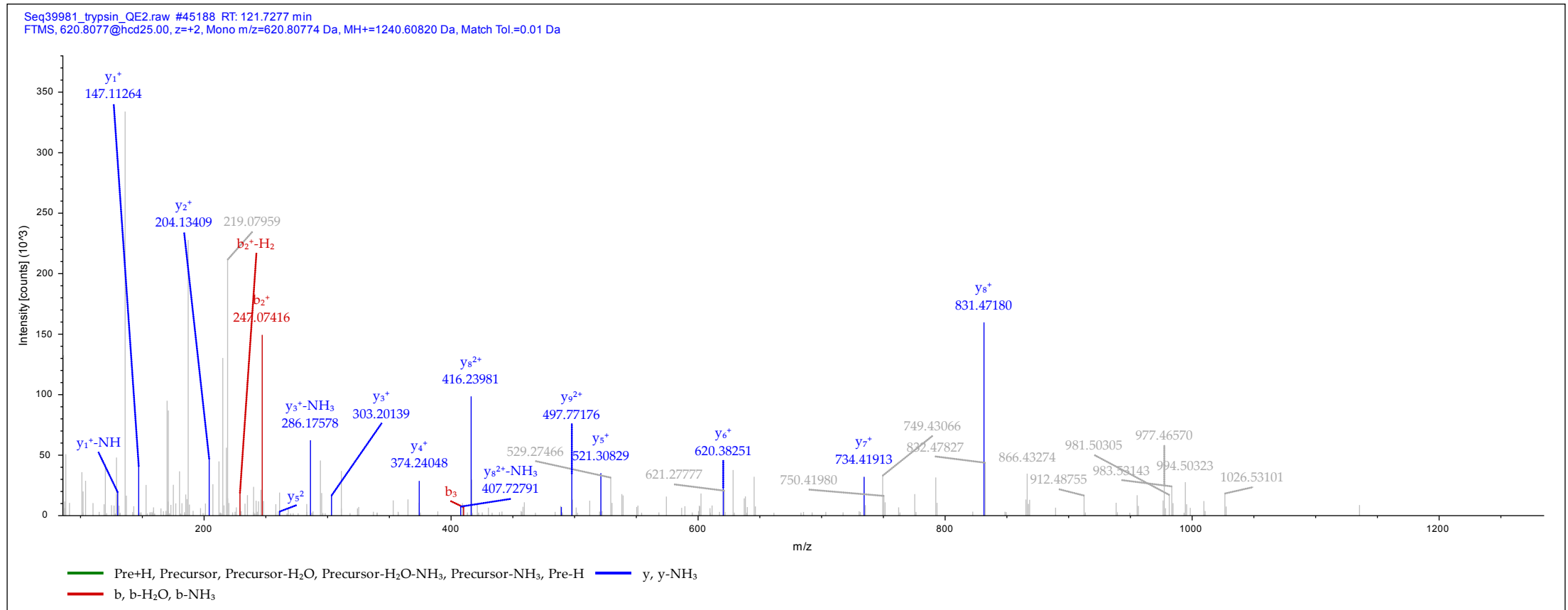
Sequence: NLDTAMNR, Charge: +2, Monoisotopic m/z: 467.72406 Da
 (-0.12 mmu/-0.26 ppm), MH+: 934.44084 Da, RT: 56.5103 min,
 Identified with: Sequest HT (v1.17); XCorr:2.07, Percolator q-Value:
 0.00599, Percolator PEP:0.108, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp39265_c3_seq3_m.392937



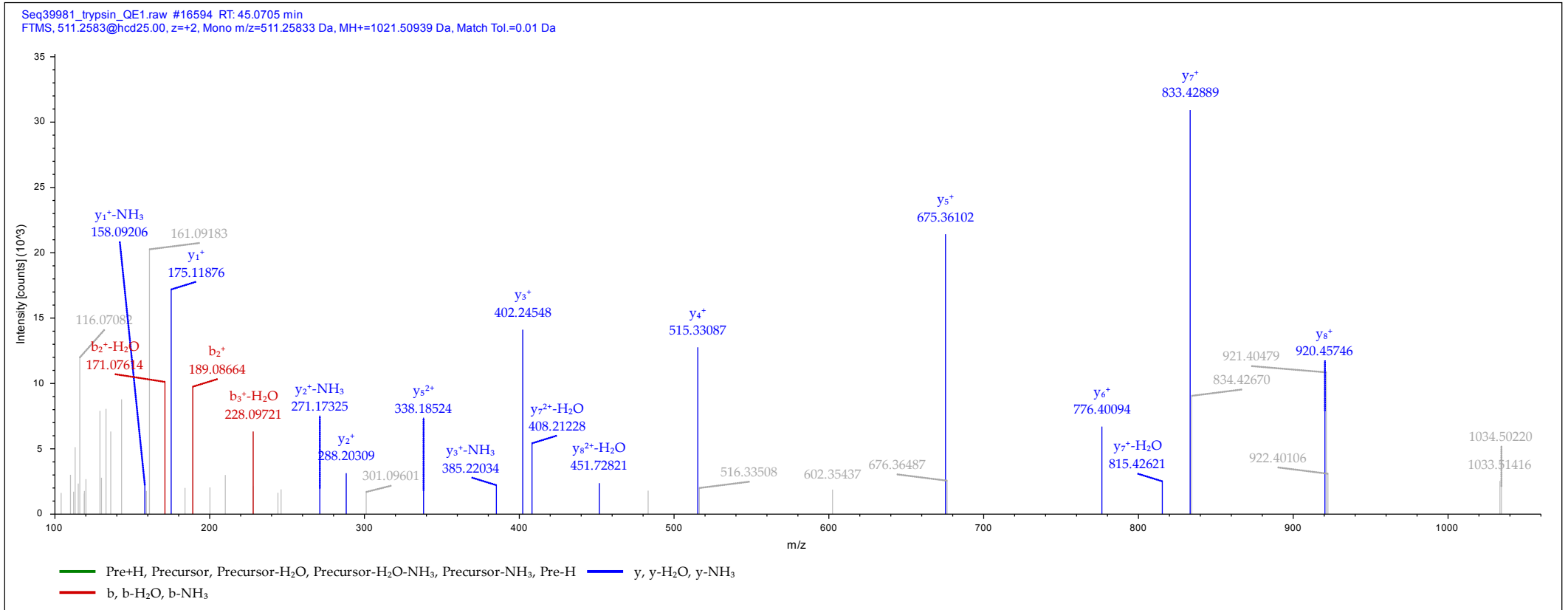
Sequence: DMYPNVFAVGK, Charge: +2, Monoisotopic m/z: 620.80774 Da (+2.57 mmu/+4.14 ppm), MH+: 1240.60820 Da, RT: 121.7277 min, Identified with: Sequest HT (v1.17); XCorr:1.94, Percolator q-Value:0.000713, Percolator PEP:0.0048, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp40233_c0_seq1_m.500469



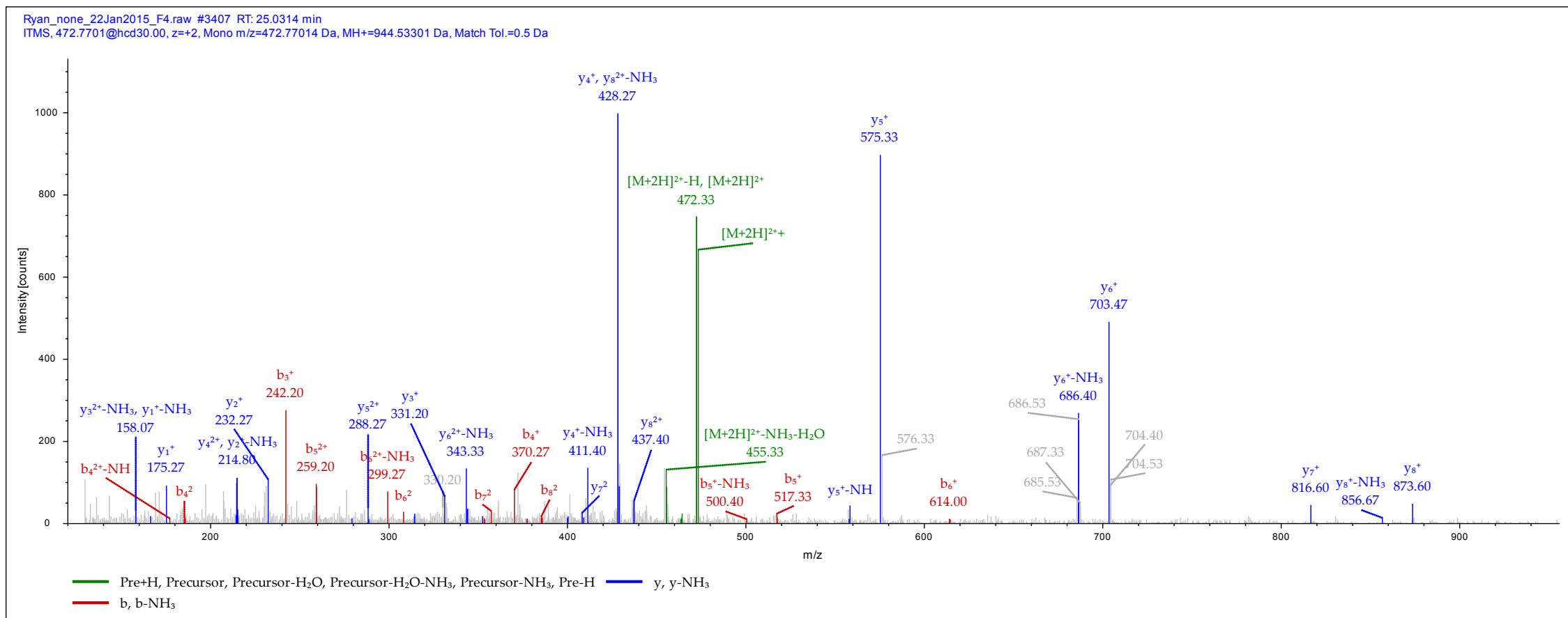
Sequence: TSGTCINIR, C5-Carbamidomethyl (57.02146 Da)
Charge: +2, Monoisotopic m/z: 511.25833 Da (-0.06 mmu/-0.12 ppm), MH+: 1021.50939 Da, RT: 45.0705 min,
Identified with: Sequest HT (v1.17); XCorr:2.23, Percolator q-Value:0.000195, Percolator PEP:0.000621, Ions matched by search engine: 0/0
Fragment match tolerance used for search: 0.02 Da

Accession:
cds.comp41004_c0_seq7_m.687978



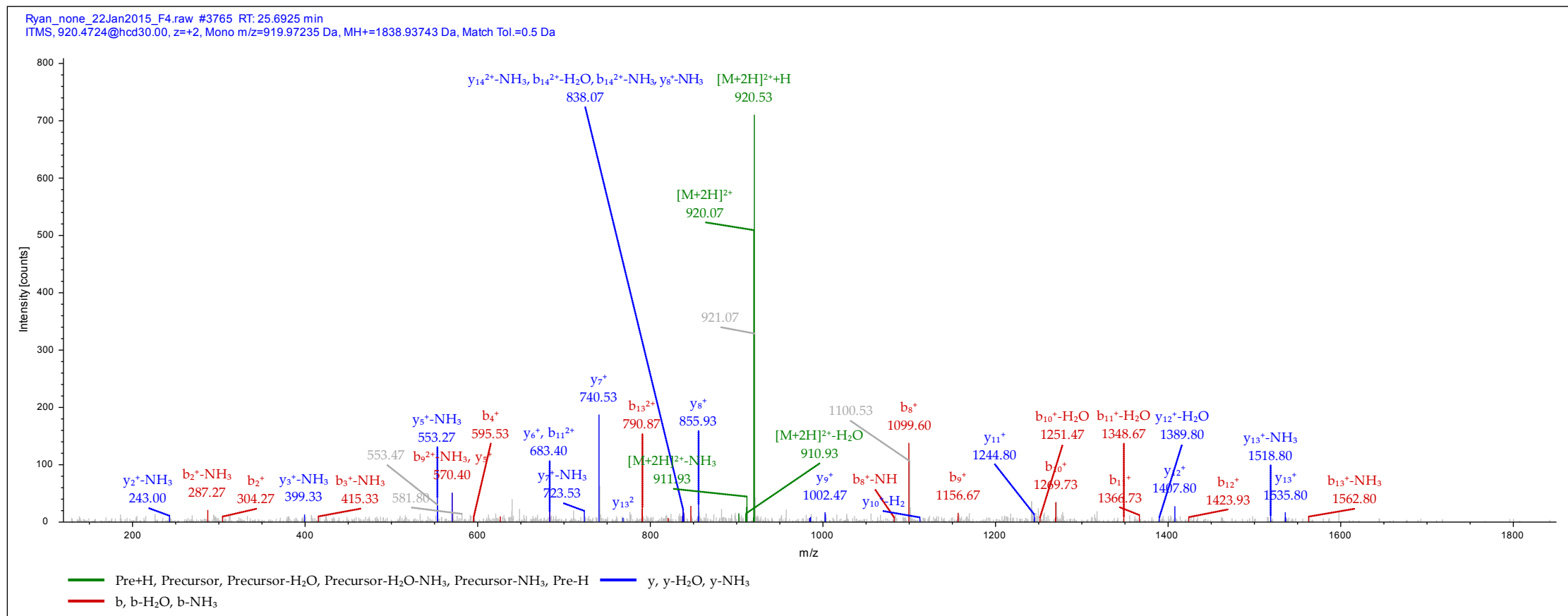
Sequence: AGLQFPVGR, Charge: +2, Monoisotopic m/z: 472.77014 Da (+0.89 mmu/+1.88 ppm), MH+: 944.53301 Da, RT: 25.0314 min, Identified with: Sequest HT (v1.17); XCorr:2.74, Percolator q-Value:0.00675, Percolator PEP:0.186, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp39051_c0_seq2_m.375858



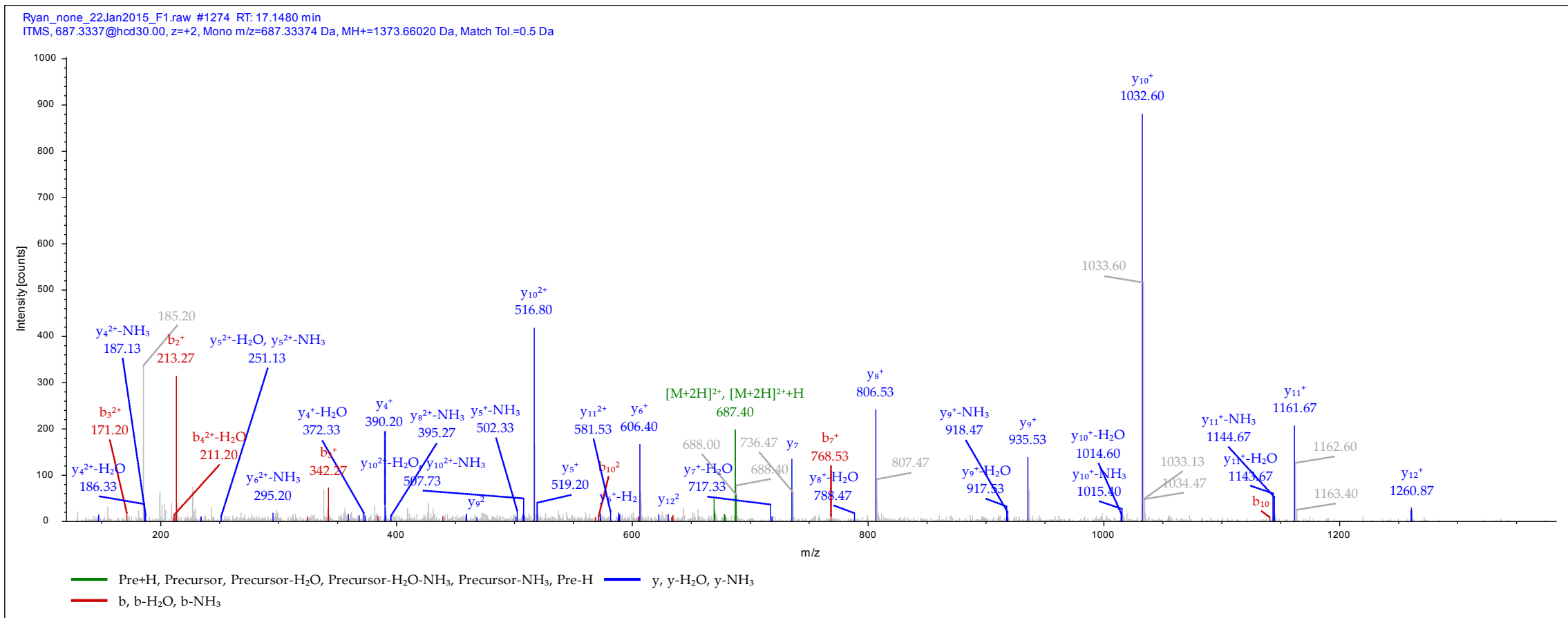
Sequence: FRQYNQFDGLPGRLQ, Charge: +2, Monoisotopic m/z: 919.97235 Da
 (+3.89 mmu/+4.23 ppm), MH+: 1838.93743 Da, RT: 25.6925 min,
 Identified with: Sequest HT (v1.17); XCorr:4.26, Percolator q-Value:0.00867,
 Percolator PEP:0.217, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp22974_c0_seq1_m.90268



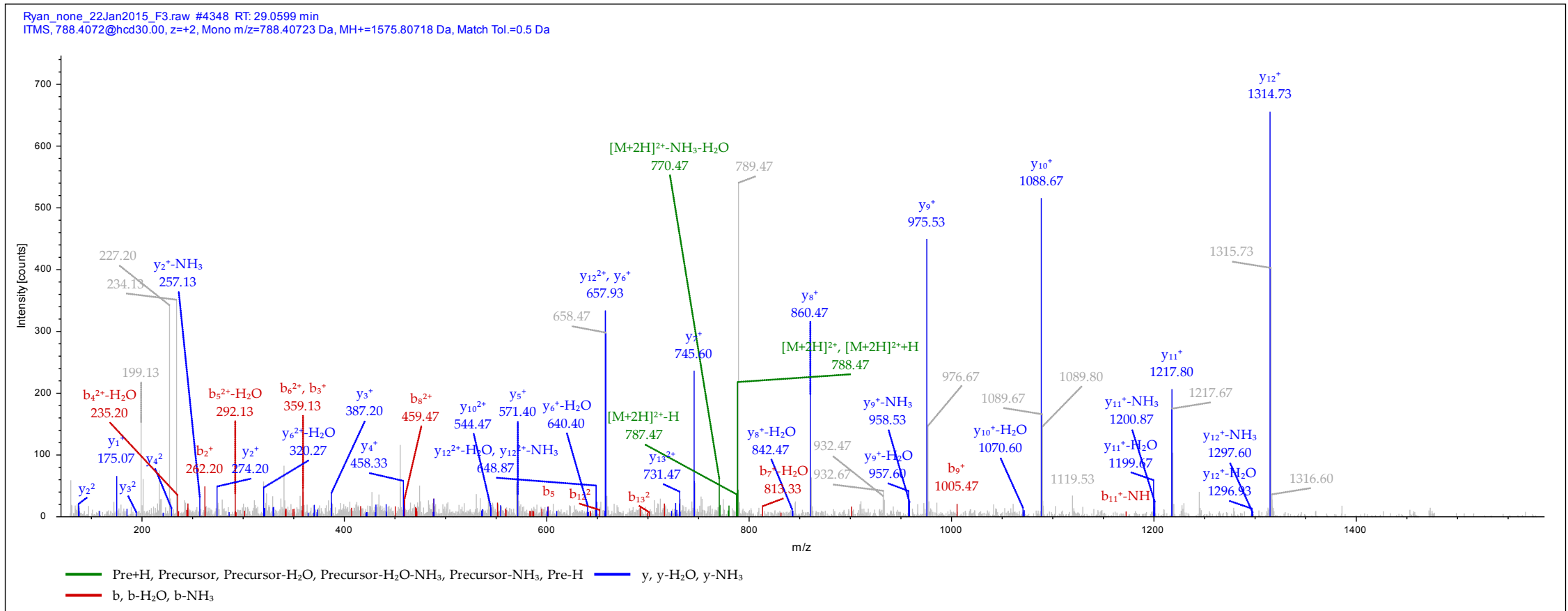
Sequence: IVEPEAESERSGA, Charge: +2, Monoisotopic m/z: 687.33374 Da (+2.95 mmu/+4.29 ppm), MH+: 1373.66020 Da, RT: 17.1480 min, Identified with: Sequest HT (v1.17); XCorr:3.08, Percolator q-Value:0.00134, Percolator PEP:0.0874, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp40863_c1_seq3_m.644115



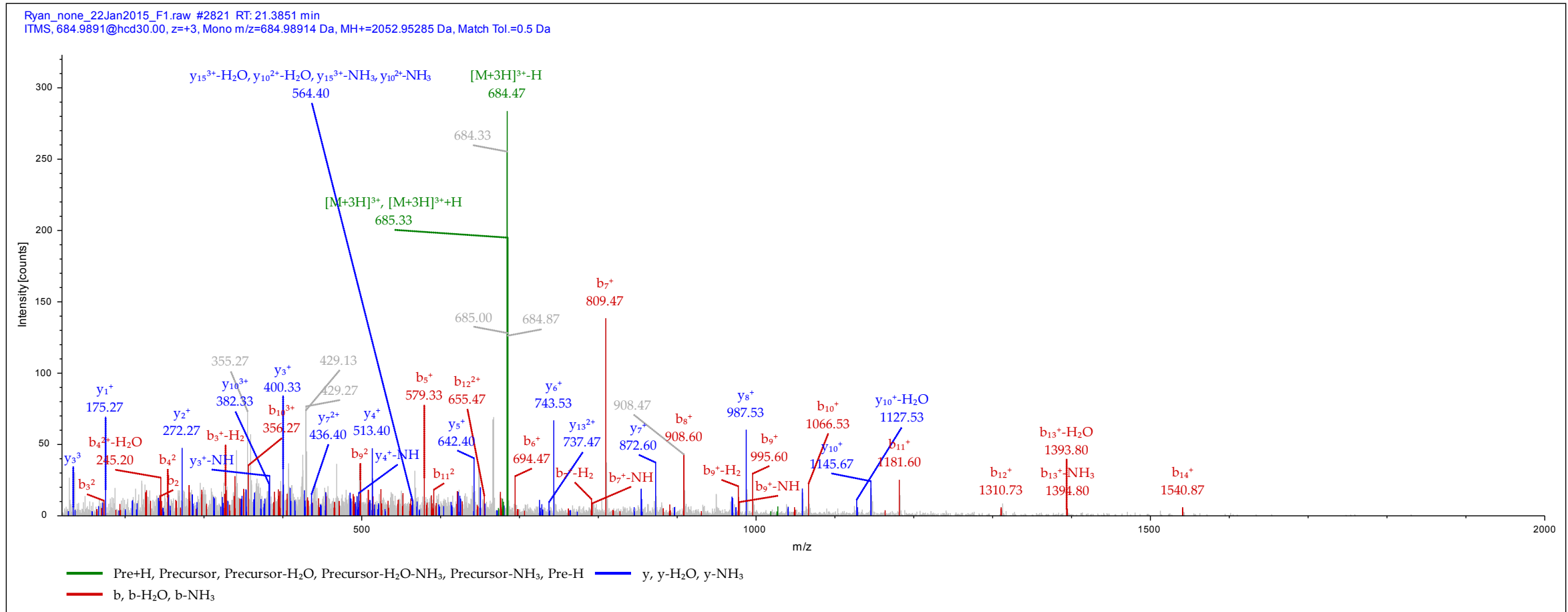
Sequence: NFPEIDDSSIAIVR, Charge: +2, Monoisotopic m/z: 788.40723 Da
 (+2.93 mmu/+3.72 ppm), MH+: 1575.80718 Da, RT: 29.0599 min,
 Identified with: Sequest HT (v1.17); XCorr:3.24, Percolator q-Value:0,
 Percolator PEP:0.0139, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp23050_c0_seq1_m.91136



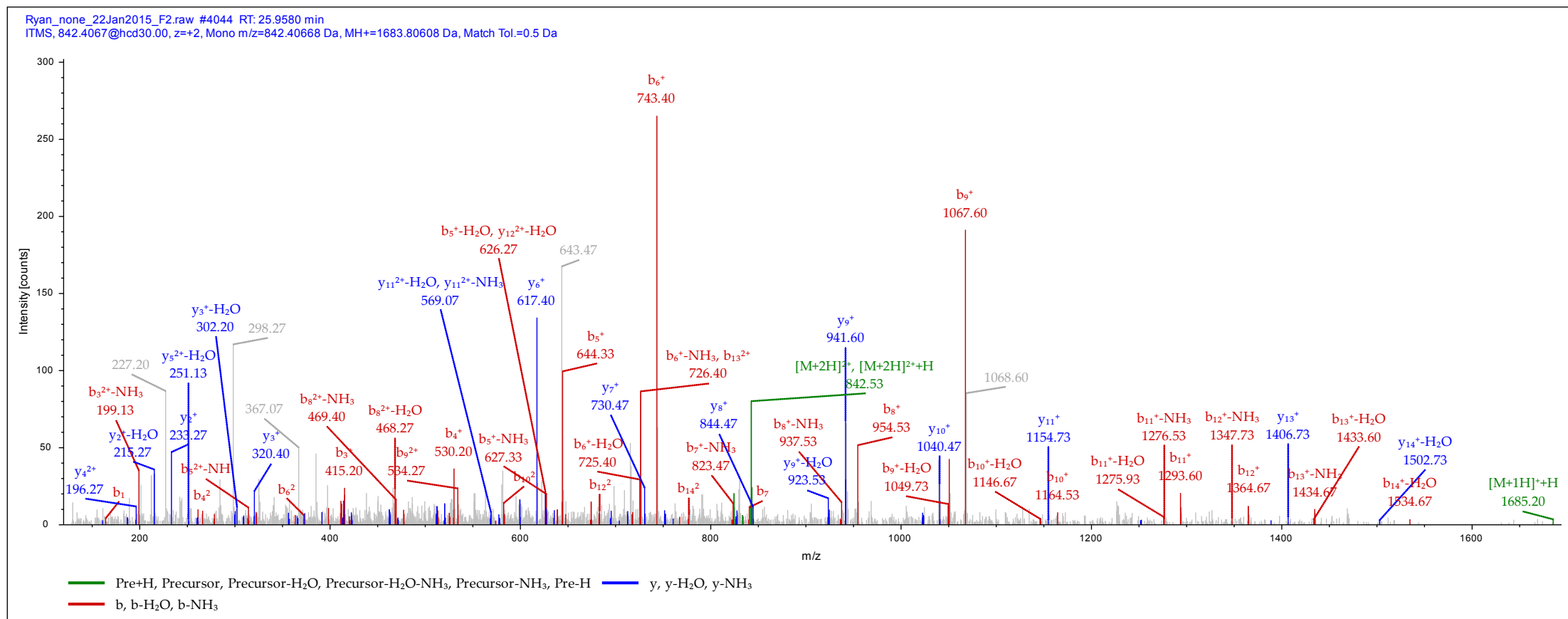
Sequence: SRTYADDVSADETEIQPR, Charge: +3, Monoisotopic m/z: 684.98914 Da (+2 mmu/
+2.92 ppm), MH+: 2052.95285 Da, RT: 21.3851 min,
Identified with: Sequest HT (v1.17); XCorr:4.26, Percolator q-Value:0, Percolator PEP:0.0111,
Ions matched by search engine: 0/0
Fragment match tolerance used for search: 0.5 Da

Accession:
cds.comp22398_c1_seq1_m.81361



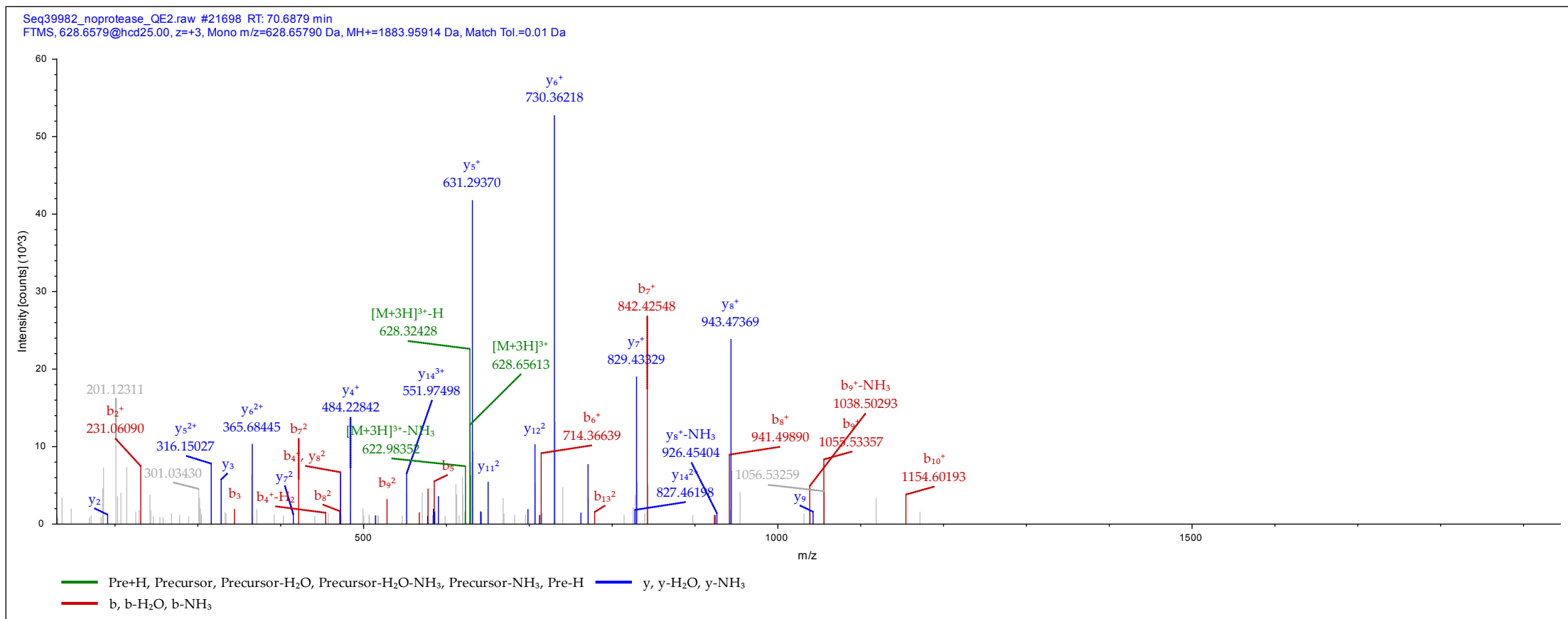
Sequence: YNHDNVPNLPEASTL, Charge: +2, Monoisotopic m/z: 842.40668 Da (+4.4 mmu/+5.22 ppm), MH+: 1683.80608 Da, RT: 25.9580 min, Identified with: Sequest HT (v1.17); XCorr:4.09, Percolator q-Value:0.00867, Percolator PEP:0.212, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp6738_c0_seq1_m.22462



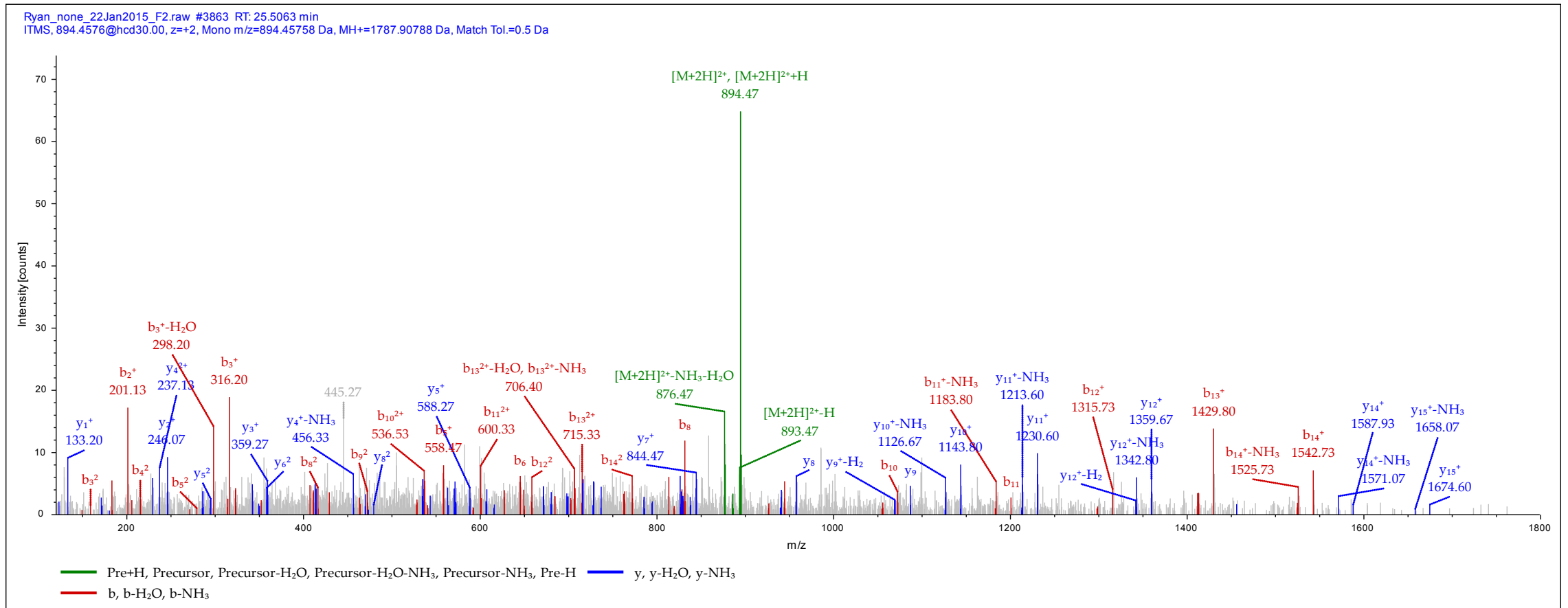
Sequence: DDLKLEQVNVVFRHGD, Charge: +3, Monoisotopic m/z: 628.65790 Da
(-0.62 mmu/-0.99 ppm), MH+: 1883.95914 Da, RT: 70.6879 min,
Identified with: Sequest HT (v1.17); XCorr:5.36, Percolator q-Value:0, Percolator
PEP:0.000174, Ions matched by search engine: 0/0
Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp6732_c0_seq1_m.22296



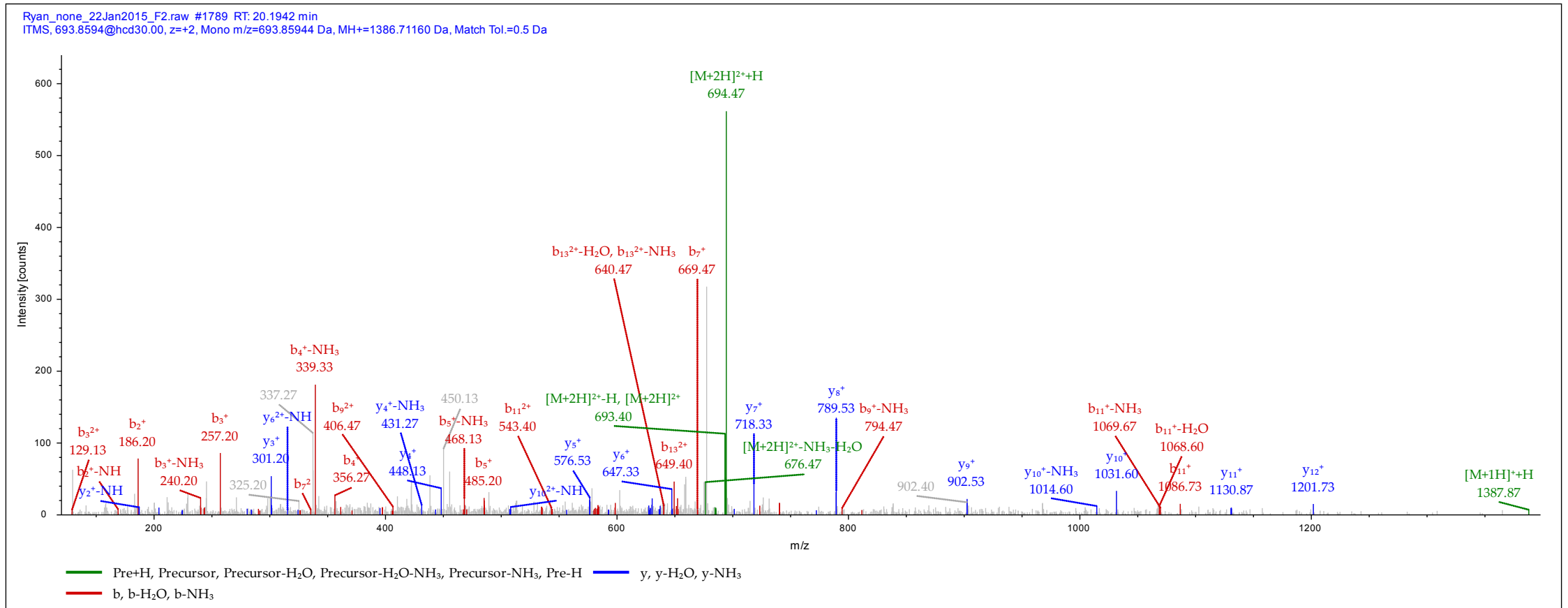
Sequence: ISDLESGELKQDNLLN, Charge: +2, Monoisotopic m/z: 894.45758 Da (+2.87 mmu/+3.21 ppm), MH+: 1787.90788 Da, RT: 25.5063 min, Identified with: Sequest HT (v1.17); XCorr:5.03, Percolator q-Value:0, Percolator PEP:0.0599, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.5 Da

Accession:
cds.comp41324_c0_seq1_m.795776



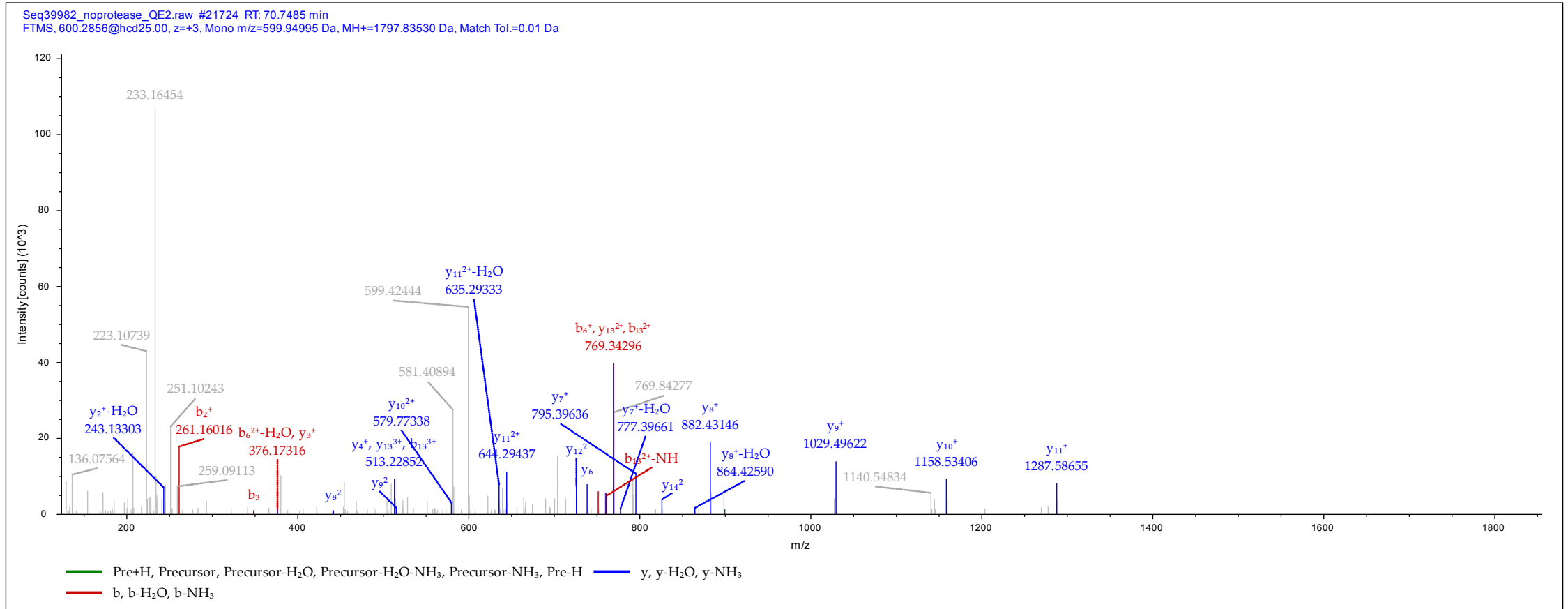
Sequence: NAAVELAAKMPNA, M11-Oxidation (15.99492 Da)
 Charge: +2, Monoisotopic m/z: 693.85944 Da (+3.51 mmu/+5.06 ppm), MH+: 1386.71160 Da, RT: 20.1942 min,
 Identified with: Sequest HT (v1.17); XCorr:2.79, Percolator q-Value:0, Percolator PEP:0.00848, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp41328_c2_seq1_m.795896



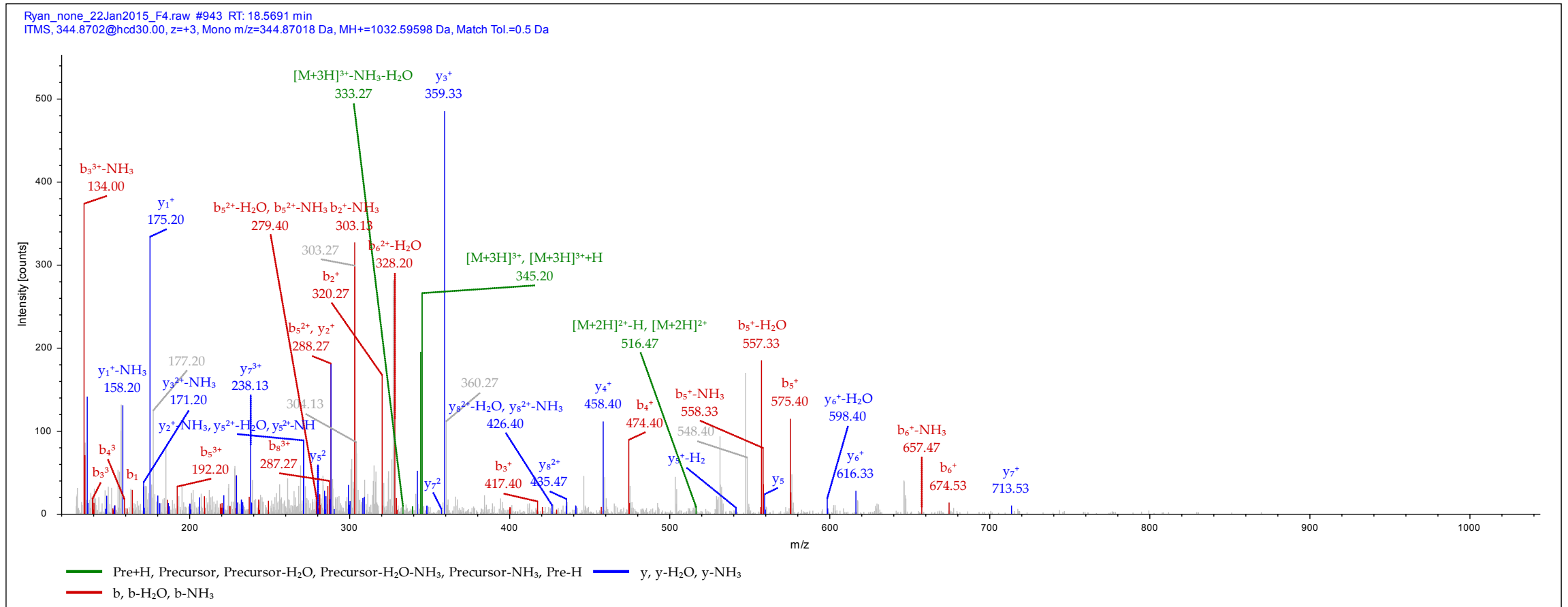
Sequence: FISYEFGPKHDEL, Charge: +3, Monoisotopic m/z: 599.94995 Da (+0.77 mmu/+1.28 ppm), MH+: 1797.83530 Da, RT: 70.7485 min, Identified with: Sequest HT (v1.17); XCorr:2.77, Percolator q-Value:0, Percolator PEP:0.0113, Ions matched by search engine: 0/0 Fragment match tolerance used for search: 0.02 Da

Accession:
cds.comp6736_c0_seq1_m.22350



Sequence: YRPGTVALR, Charge: +3, Monoisotopic m/z: 344.87018 Da
 (+0.36 mmu/+1.06 ppm), MH+: 1032.59598 Da, RT: 18.5691 min,
 Identified with: Sequest HT (v1.17); XCorr:2.62, Percolator q-Value:0,
 Percolator PEP:0.0416, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.5 Da

Accession:
 cds.comp40326_c5_seq2_m.518076



Sequence: HSLPARFSDTALFPR, Charge: +3, Monoisotopic m/z: 572.30621 Da
 (+0.58 mmu/+1 ppm), MH+: 1714.90409 Da, RT: 67.9199 min,
 Identified with: Sequest HT (v1.17); XCorr:3.56, Percolator q-Value:0,
 Percolator PEP:0.000939, Ions matched by search engine: 0/0
 Fragment match tolerance used for search: 0.02 Da

Accession:
 cds.comp36819_c0_seq5_m.264920

