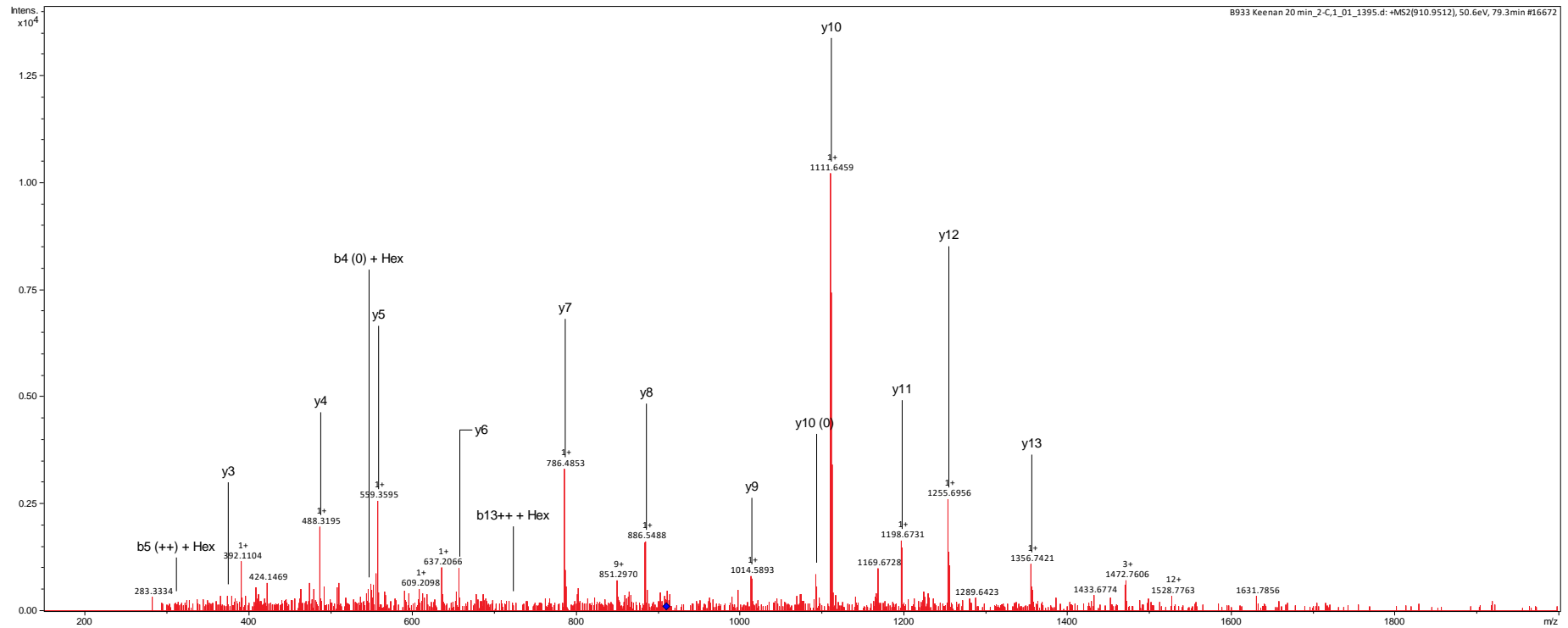
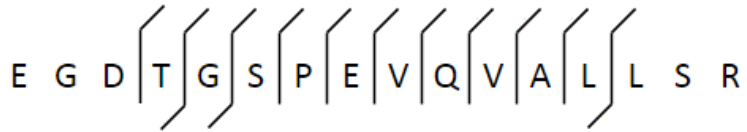


Spectra generated by LC-ESI-CID-MS/MS on the Bruker maXis HD system

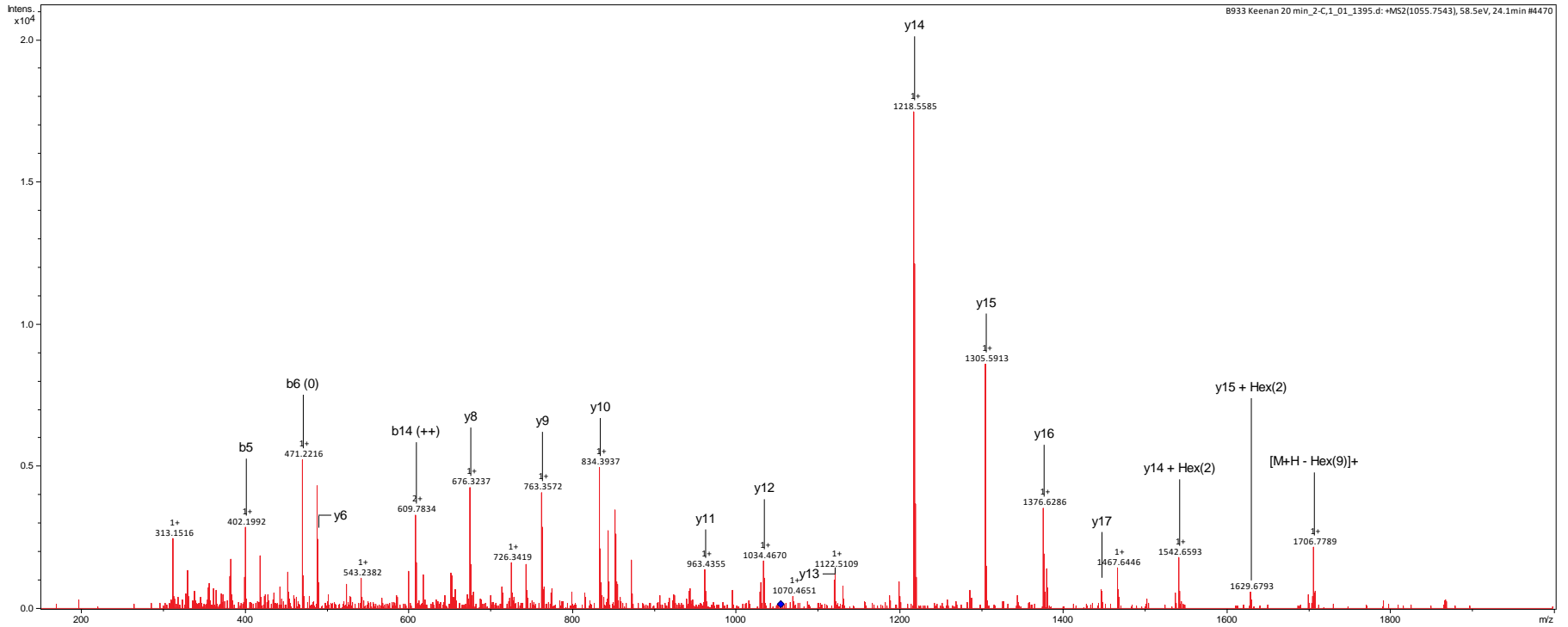
Ion types:

Ion Type	Description
b(++)	doubly charged ion series
b(*)	b - NH ₃
b(0)	b - H ₂ O
γ(++)	doubly charged ion series
γ(*)	γ - NH ₃
γ(0)	γ - H ₂ O

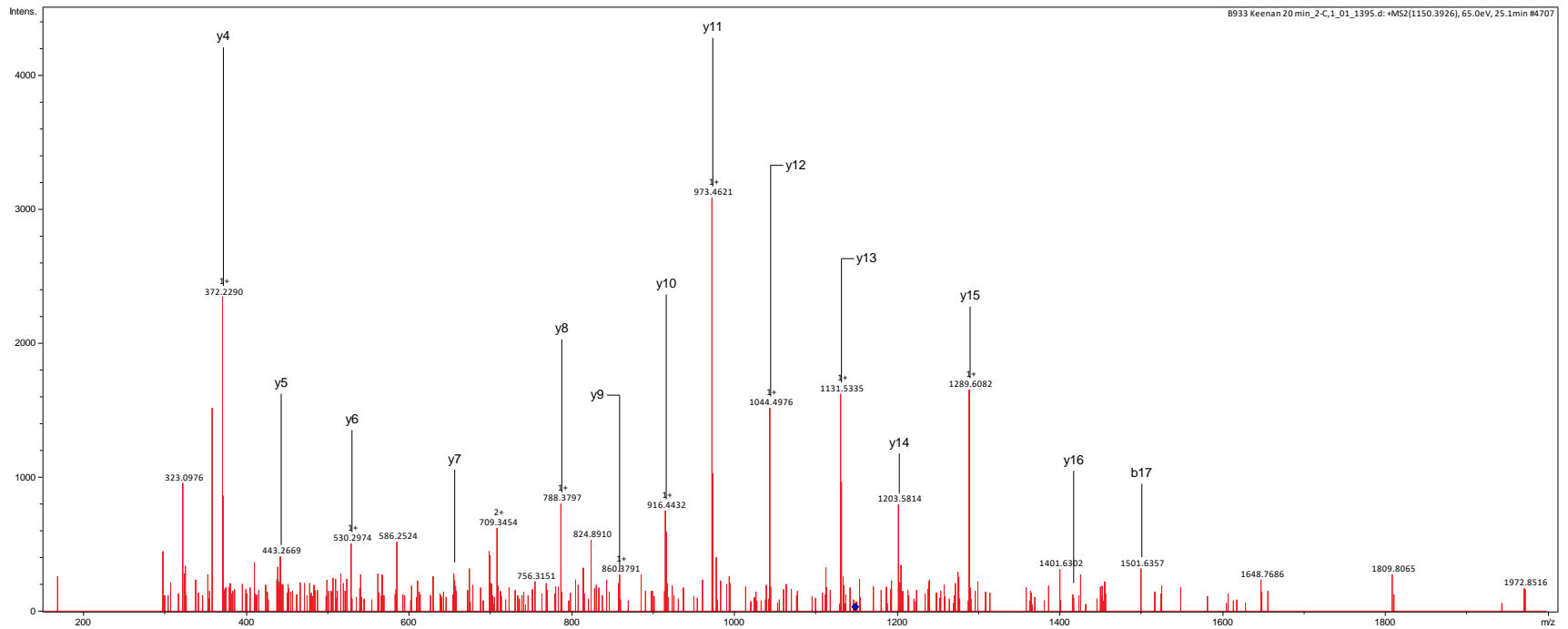
Time point	20 hr
SCO number	SCO5736
Precursor ion mass	910.450195
Charge	2
Retention time	79.3
Hex on peptide	1
e-value	0.0005
Site allocated?	N



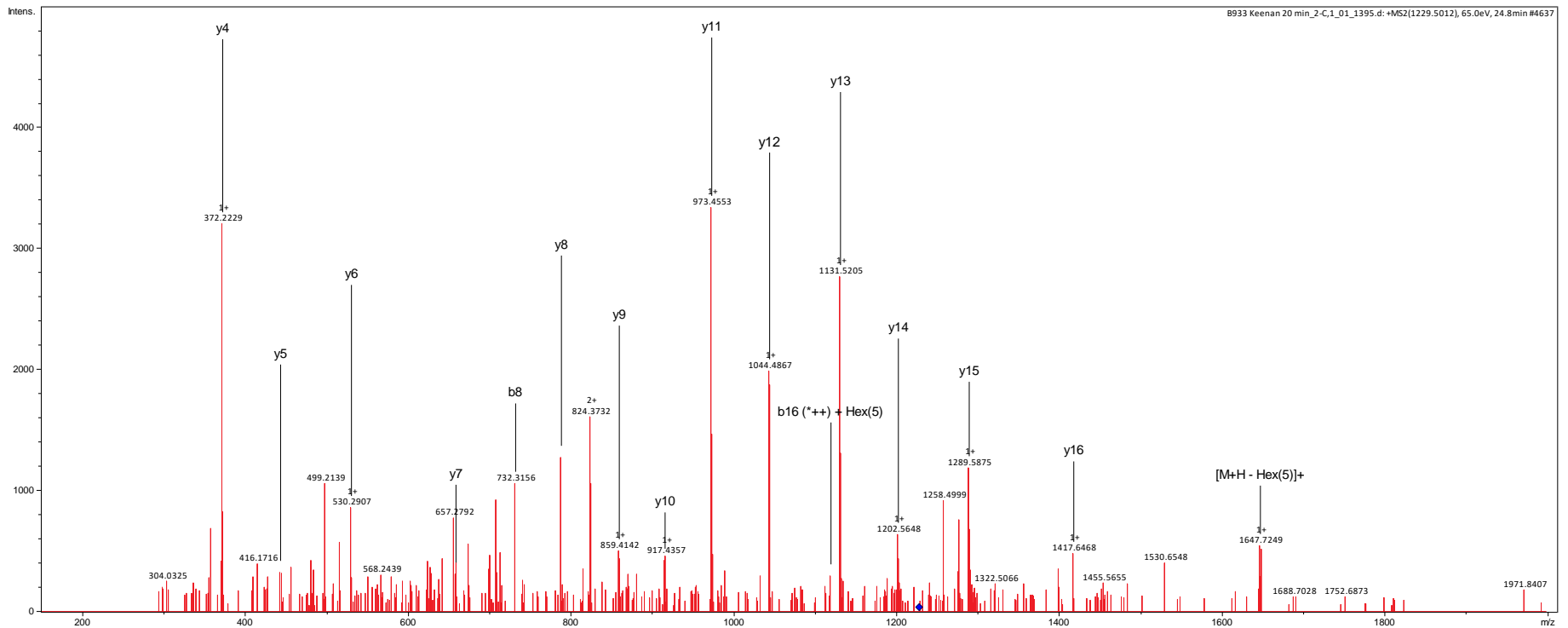
Time point	20 hr
SCO number	SCO4847
Precursor ion mass	1055.759155
Charge	3
Retention time	59.5
Hex on peptide	9
e-value	0.00083
Site allocated?	N



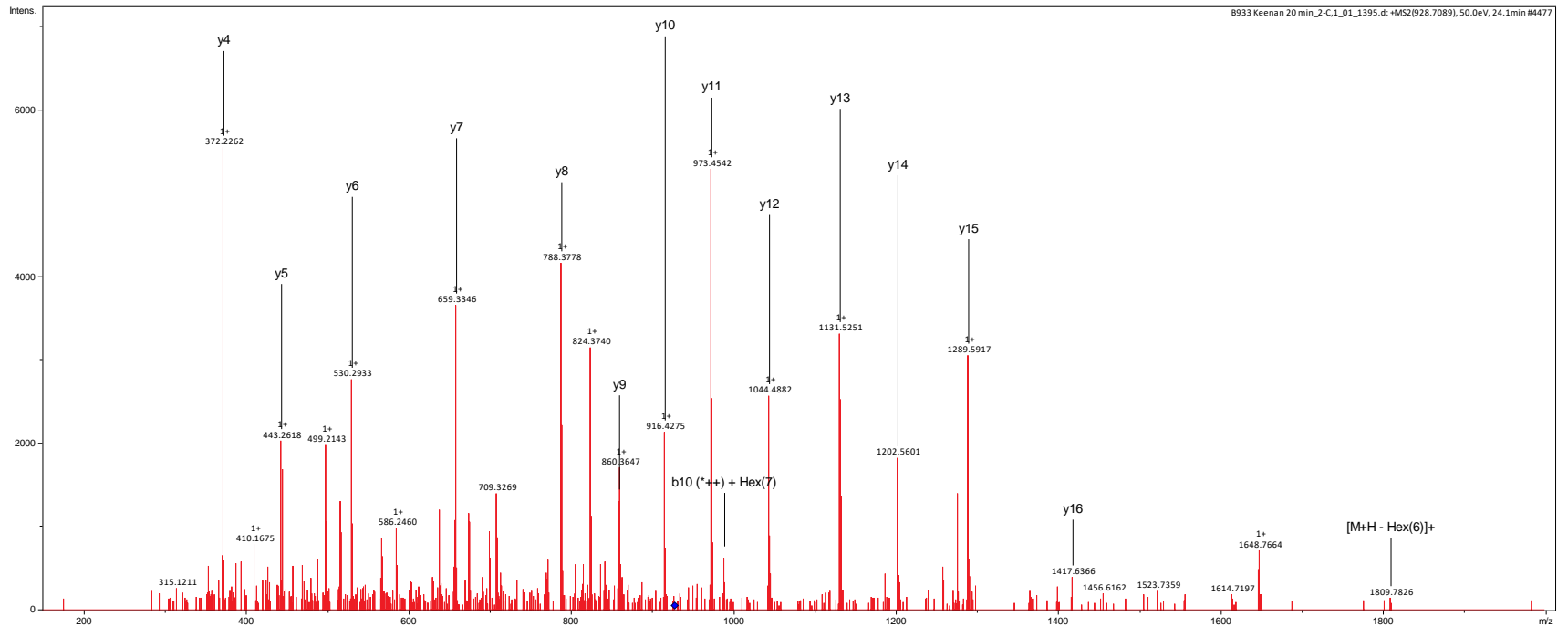
Time point	20 hr
SCO number	SCO4739
Precursor ion mass	1148.484985
Charge	2
Retention time	25.1
Hex on peptide	4
e-value	0.0000041
Site allocated?	N



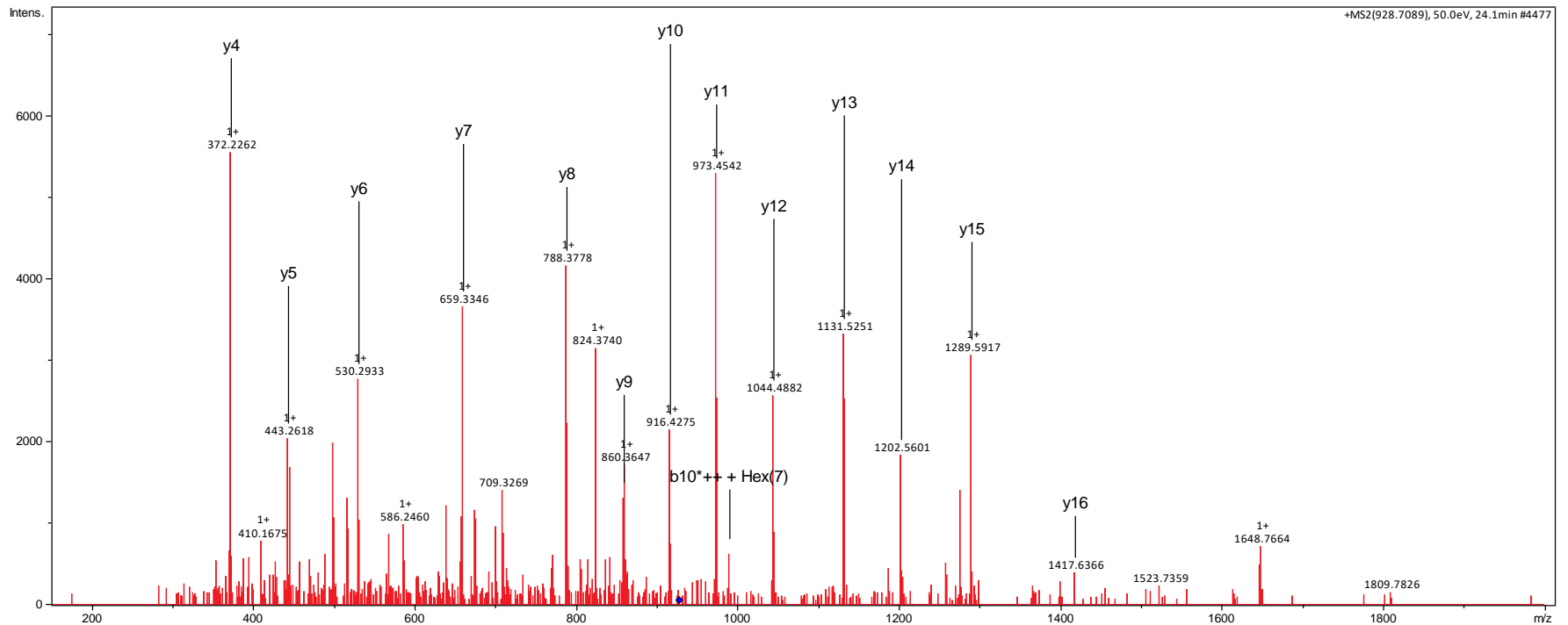
Time point	20 hr
SCO number	SCO4739
Precursor ion mass	1229.501221
Charge	2
Retention time	24.8
Hex on peptide	5
e-value	0.0025
Site allocated?	N



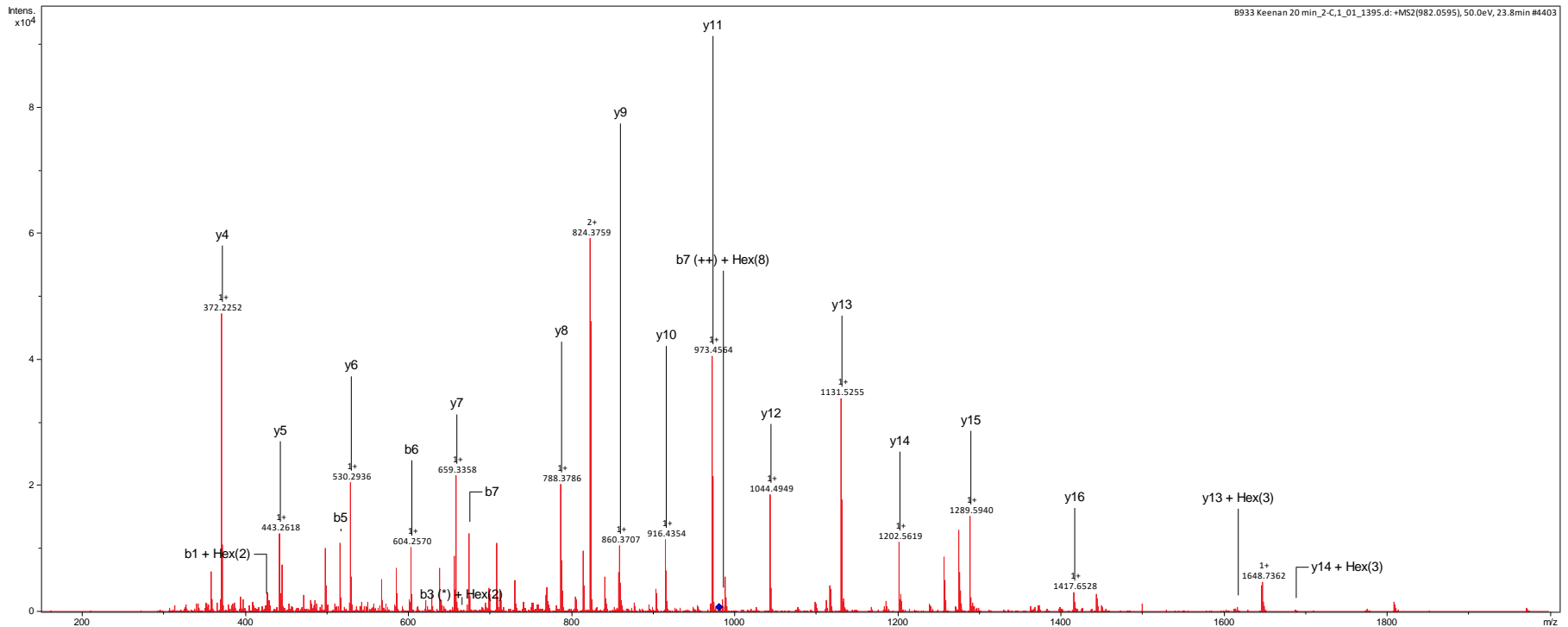
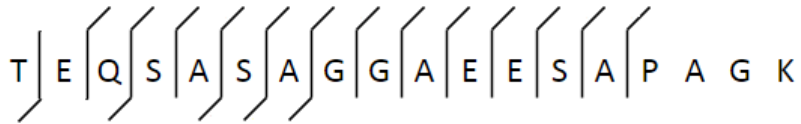
Time point	20 hr
SCO number	SCO4739
Precursor ion mass	874.023254
Charge	3
Retention time	24.3
Hex on peptide	6
e-value	0.00025
Site allocated?	N



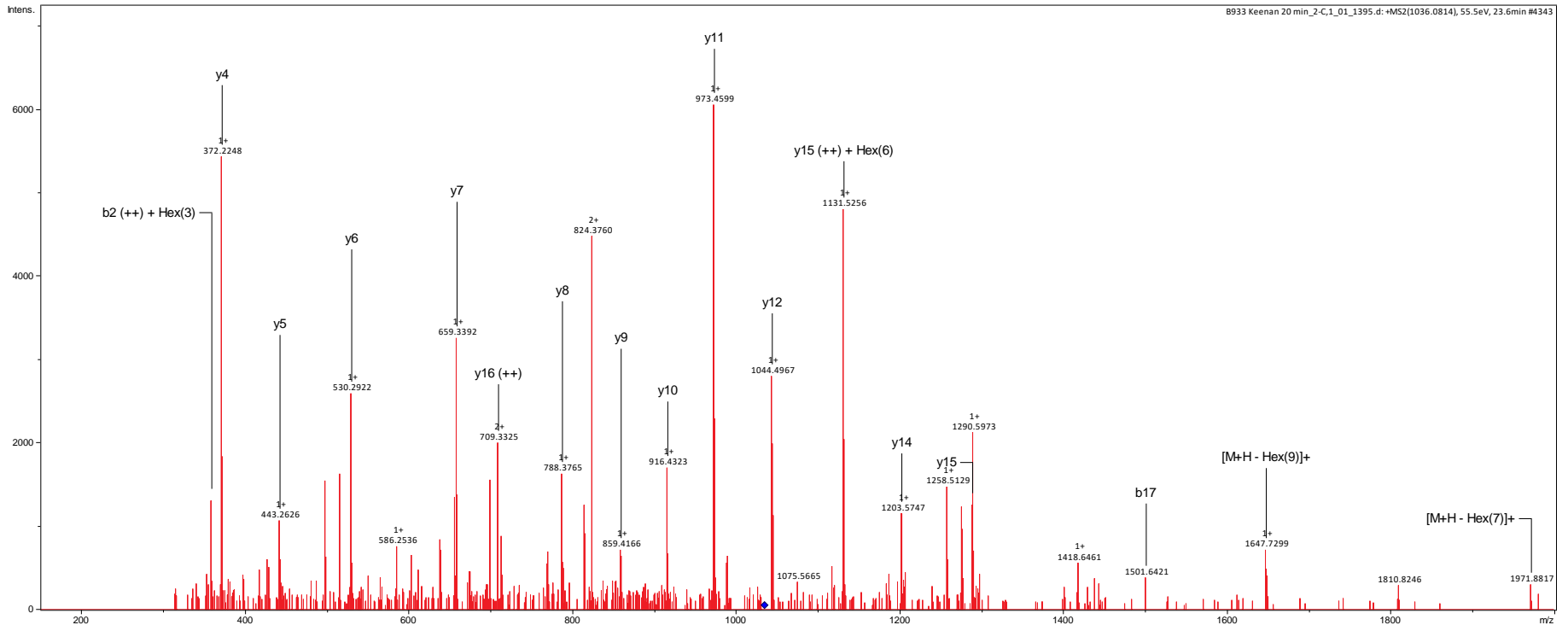
Time point	20 hr
SCO number	SCO4739
Precursor ion mass	928.040222
Charge	3
Retention time	24.1
Hex on peptide	7
e-value	0.012
Site allocated?	N



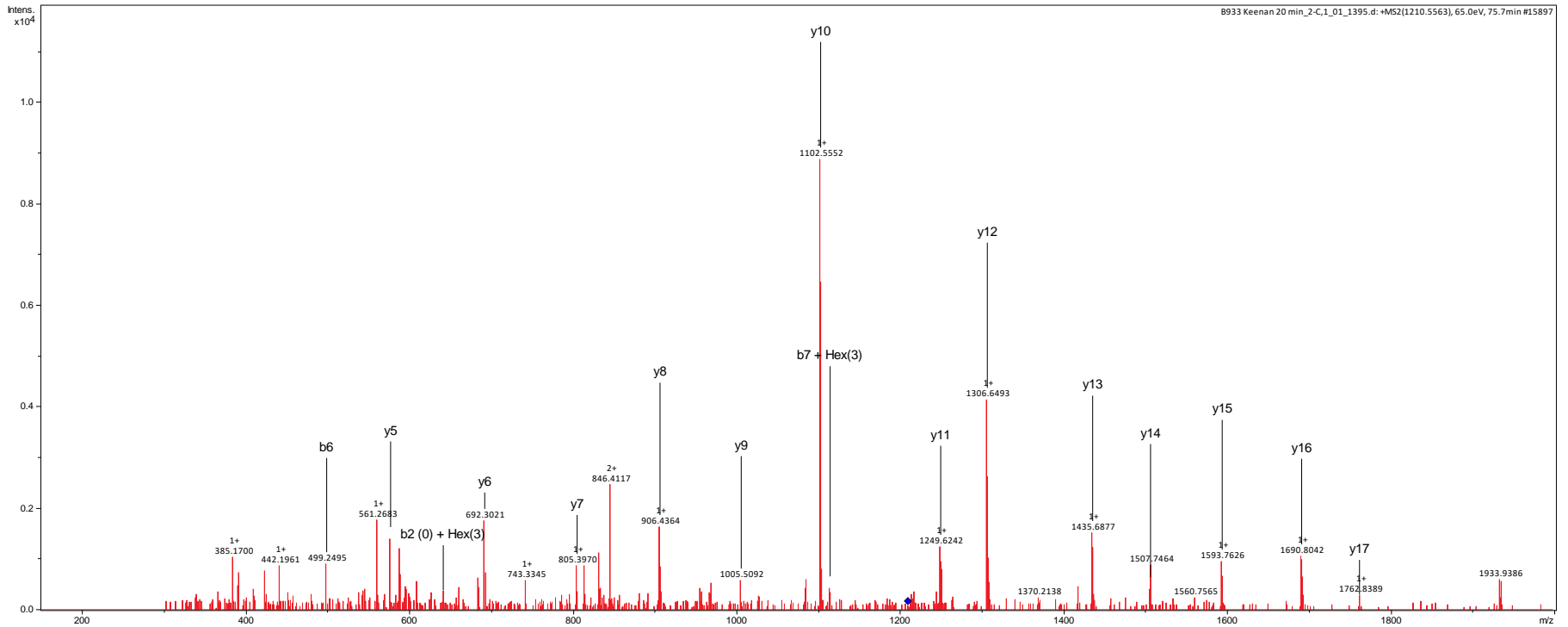
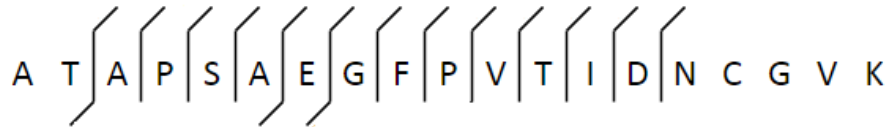
Time point	20 hr
SCO number	SCO4739
Precursor ion mass	982.059509
Charge	3
Retention time	23.8
Hex on peptide	8
e-value	0.0018
Site allocated?	N



Time point	20 hr
SCO number	SCO4739
Precursor ion mass	1036.081421
Charge	3
Retention time	23.6
Hex on peptide	9
e-value	0.00034
Site allocated?	N

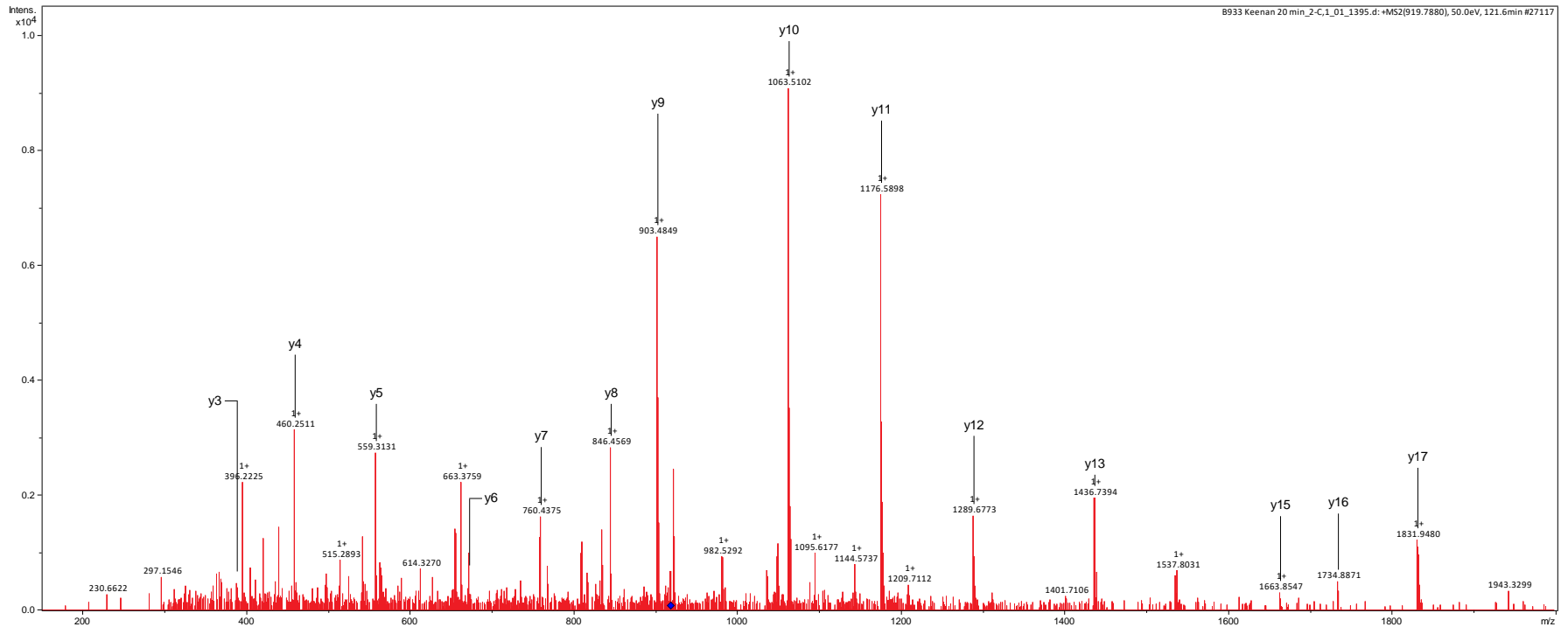


Time point	20 hr
SCO number	SCO0996
Precursor ion mass	1210.556274
Charge	2
Retention time	75.7
Hex on peptide	3
e-value	0.00003
Site allocated?	N

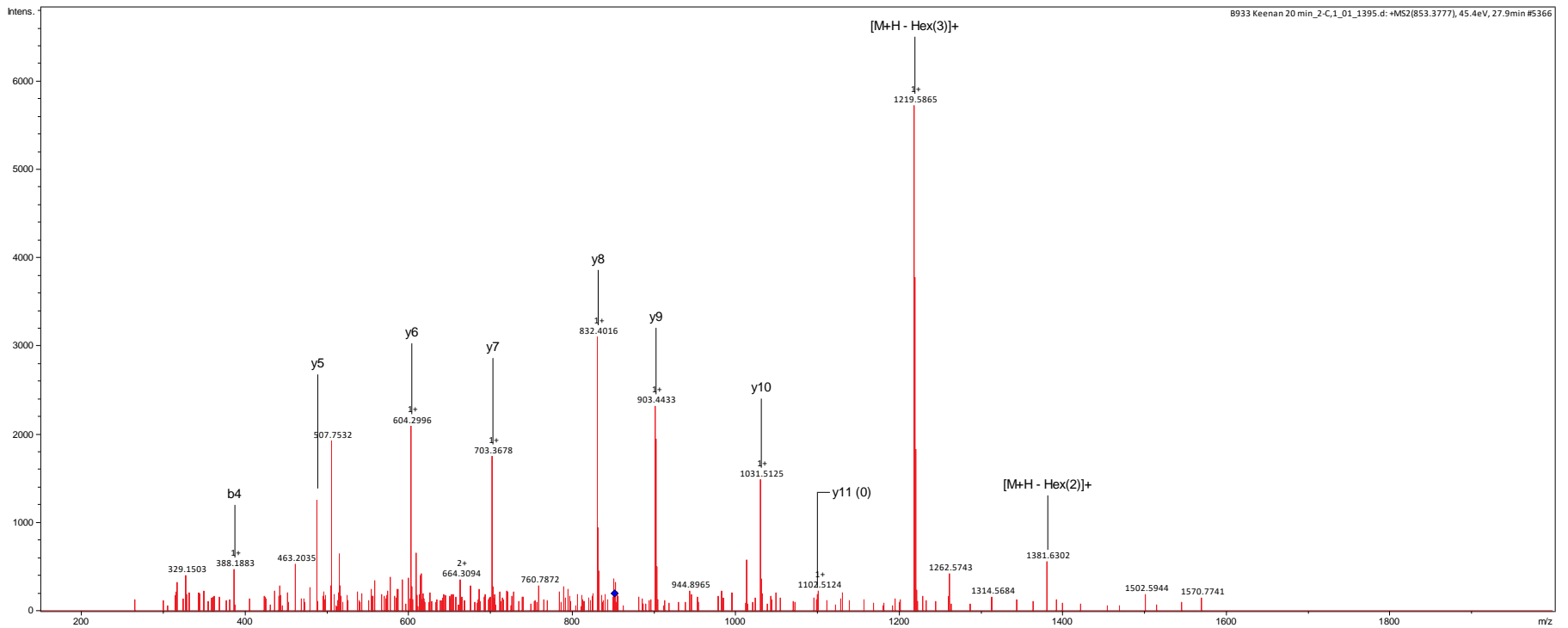
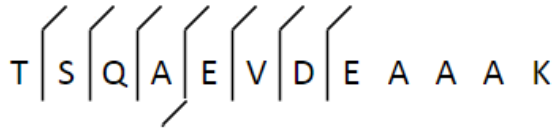


Time point	20 hr
SCO number	SCO4905
Precursor ion mass	919.787964
Charge	3
Retention time	121.6
Hex on peptide	3
e-value	0.000000016
Site allocated?	N

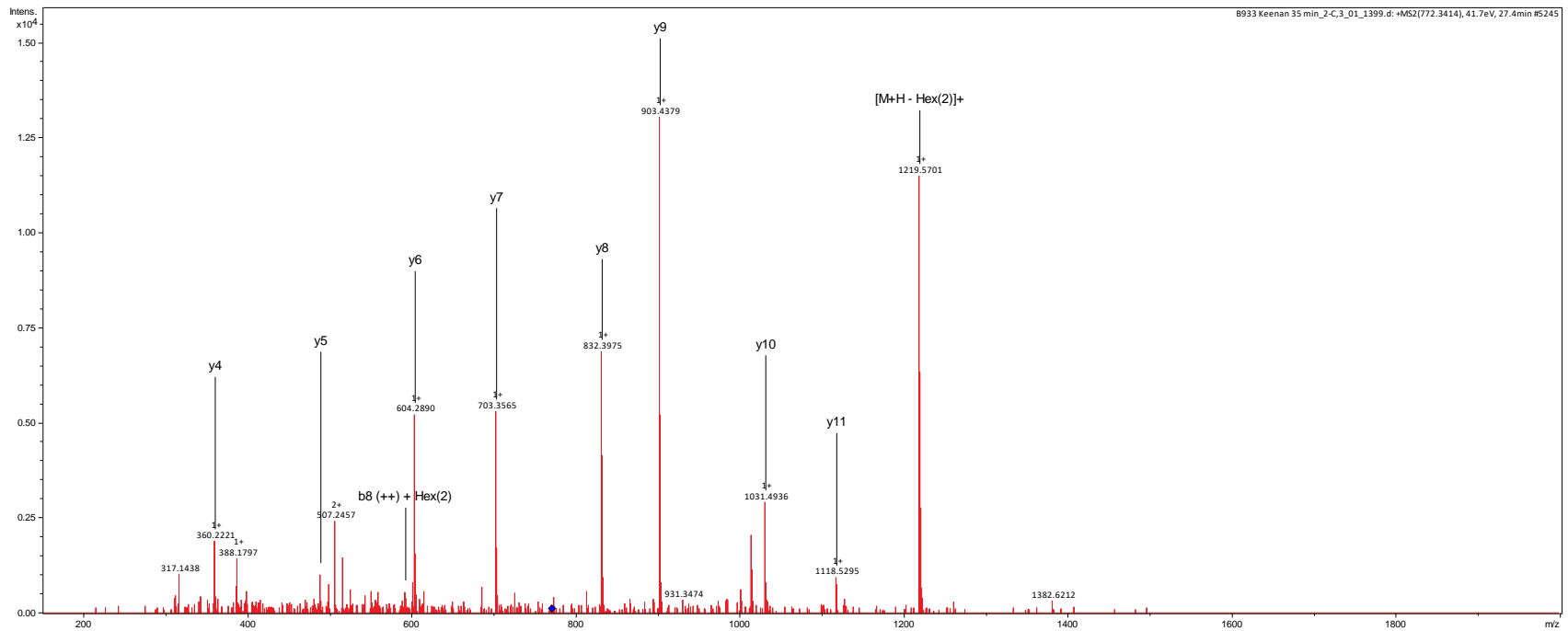
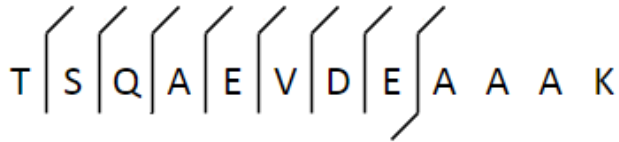
A T P G L P A Q V F L L C G S S L V A V D R



Time point	20 hr
SCO number	SCO4934
Precursor ion mass	853.37747
Charge	2
Retention time	27.9
Hex on peptide	3
e-value	0.023
Site allocated?	N

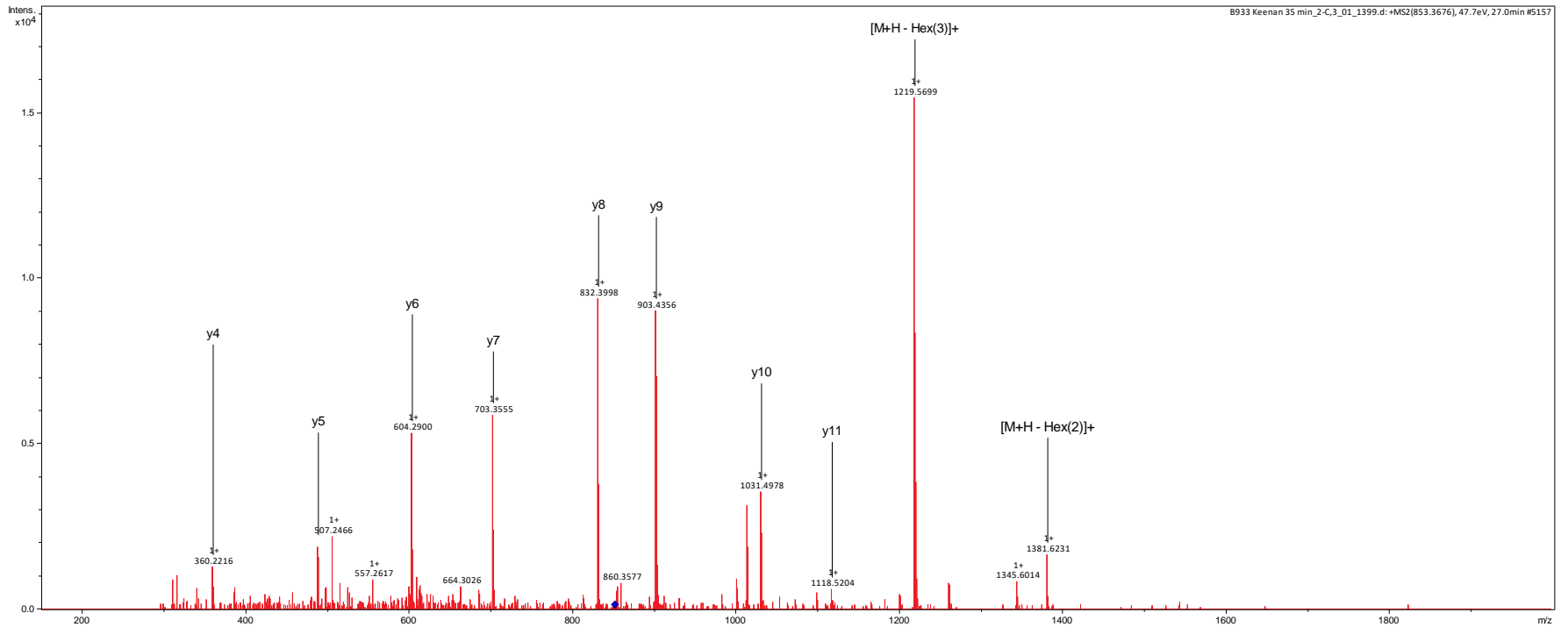


Time point	35 hr
SCO number	SCO4934
Precursor ion mass	772.341431
Charge	2
Retention time	27.4
Hex on peptide	2
e-value	0.00019
Site allocated?	N

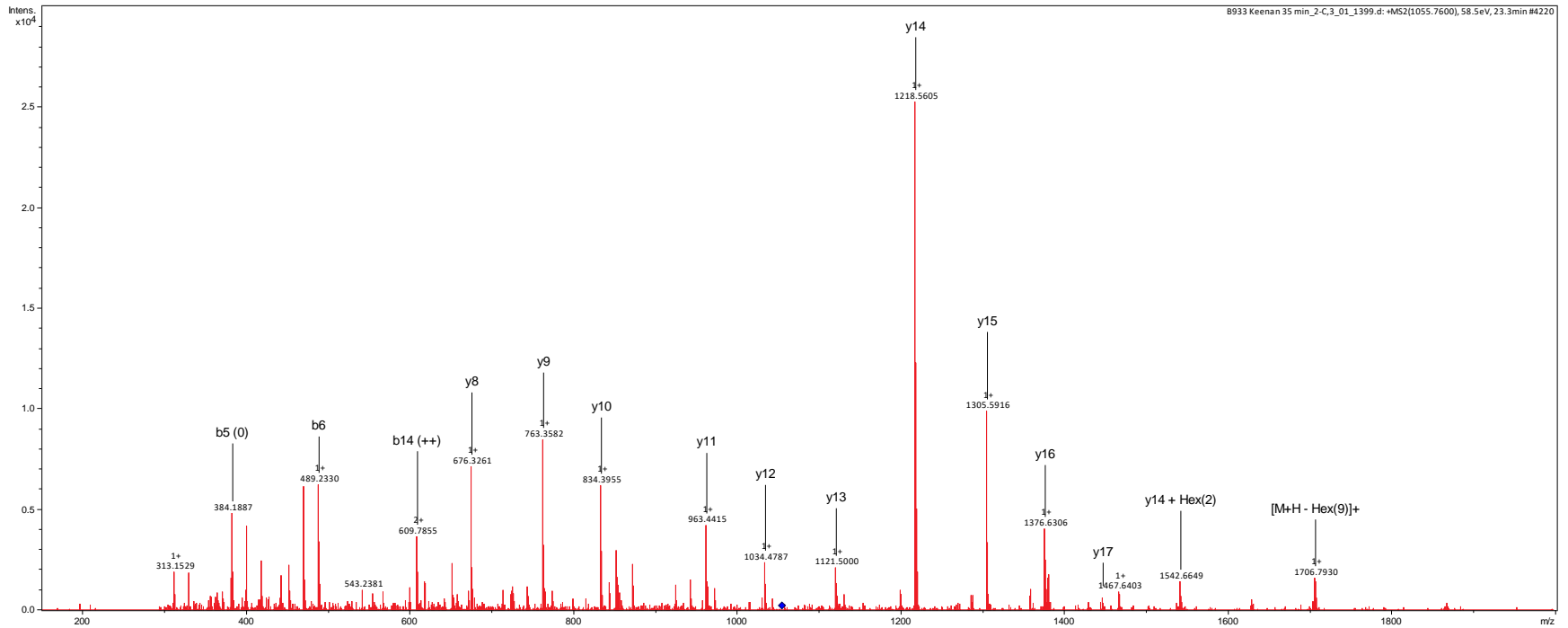


Time point	35 hr
SCO number	SCO4934
Precursor ion mass	853.367615
Charge	2
Retention time	27
Hex on peptide	3
e-value	0.00024
Site allocated?	N

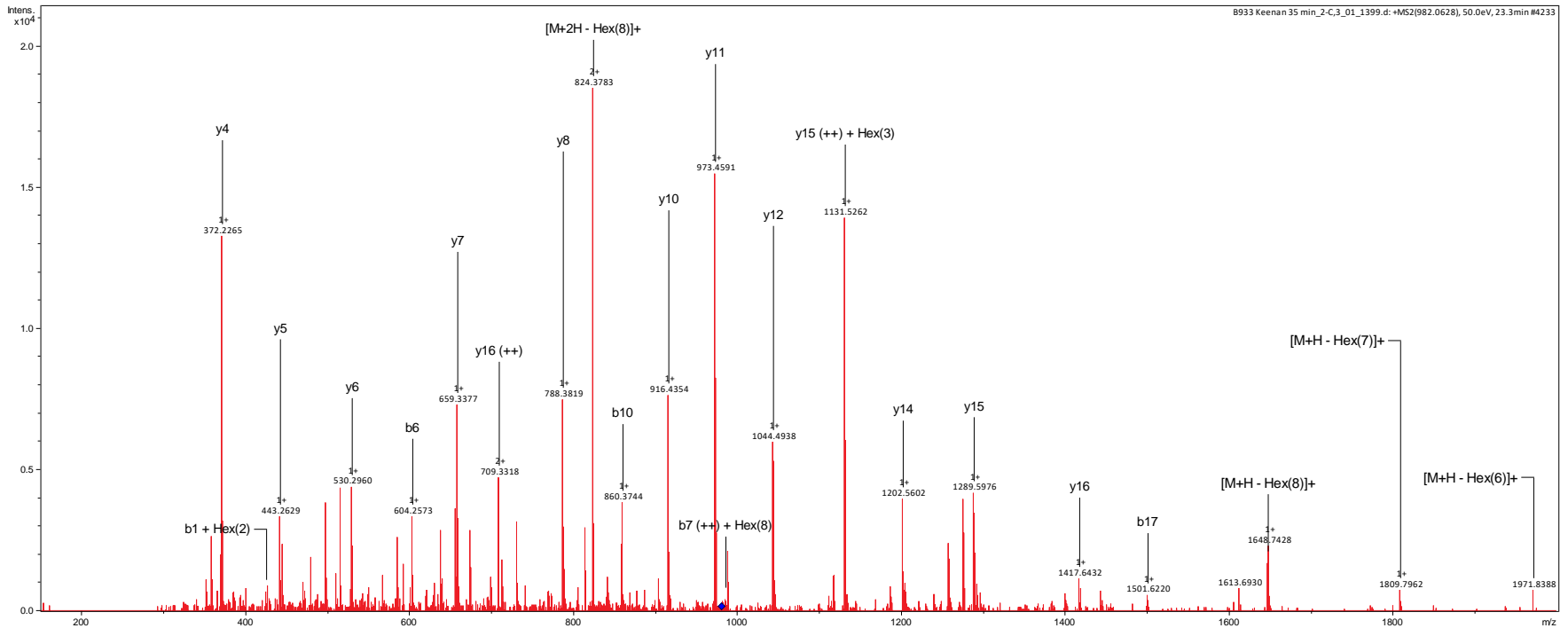
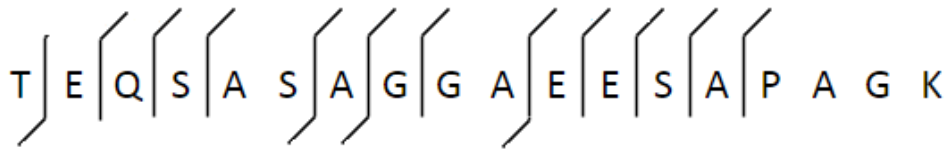
T | S | Q | A | E | V | D | E | A | A | A | K



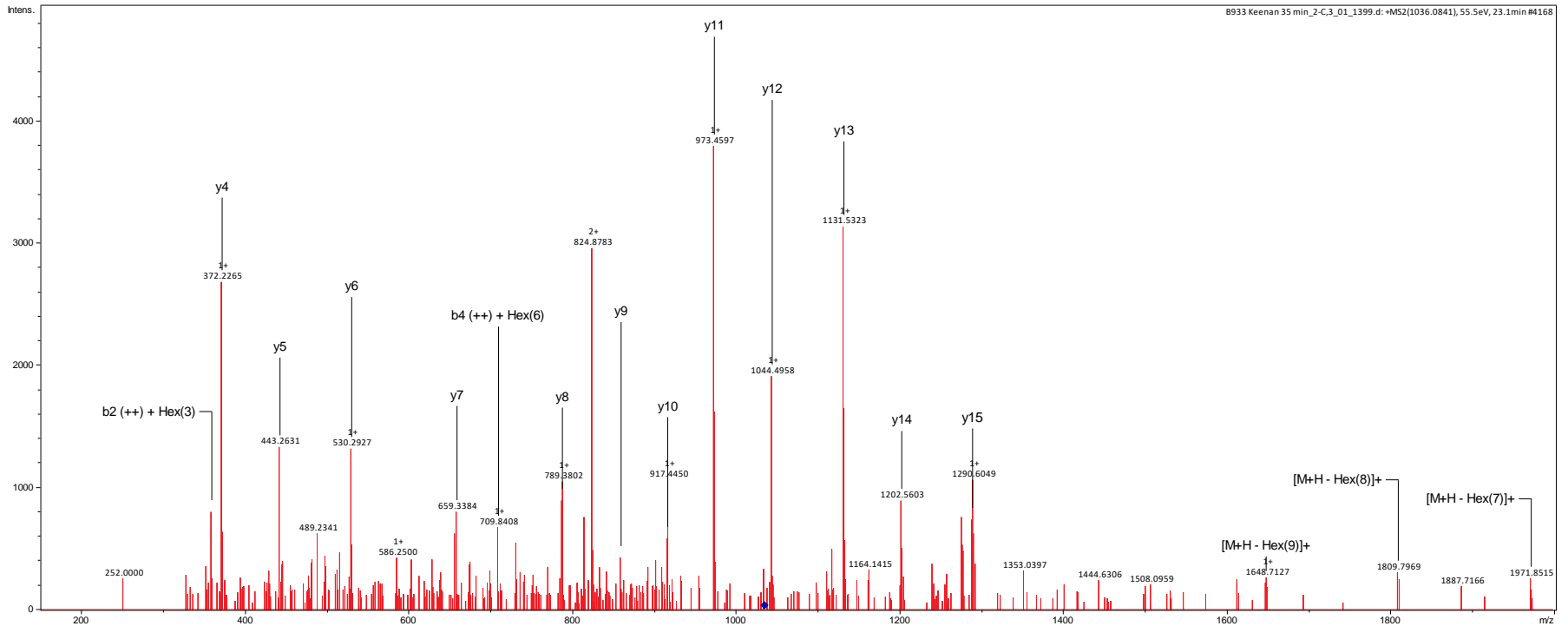
Time point	35 hr
SCO number	SCO4847
Precursor ion mass	1055.759155
Charge	3
Retention time	59.5
Hex on peptide	9
e-value	0.0003
Site allocated?	N



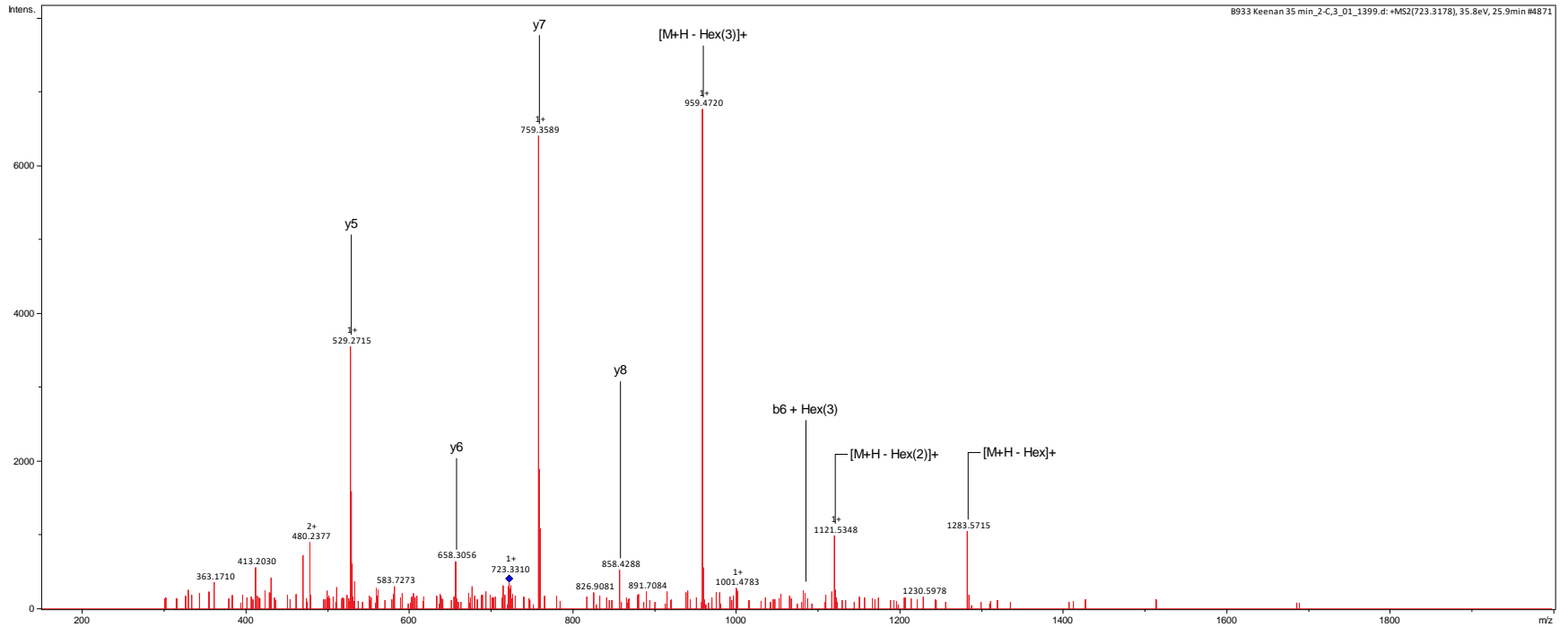
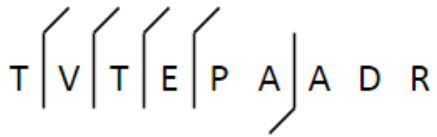
Time point	35 hr
SCO number	SCO4739
Precursor ion mass	982.062866
Charge	3
Retention time	23.3
Hex on peptide	8
e-value	0.0045
Site allocated?	N



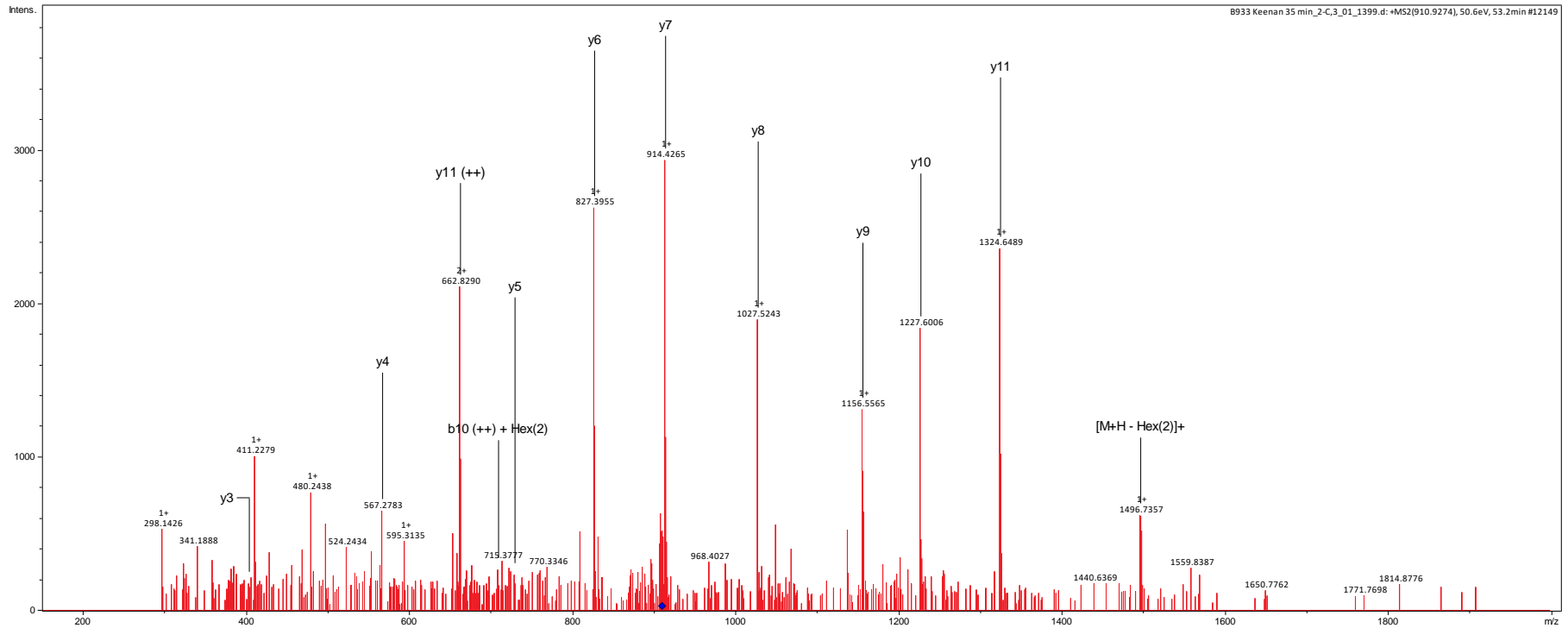
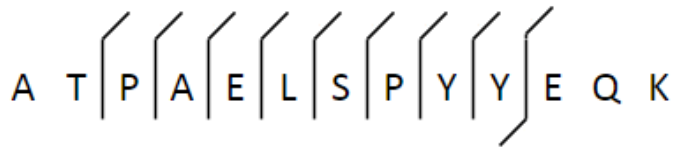
Time point	35 hr
SCO number	SCO4739
Precursor ion mass	1036.084106
Charge	3
Retention time	23.1
Hex on peptide	9
e-value	0.0087
Site allocated?	N



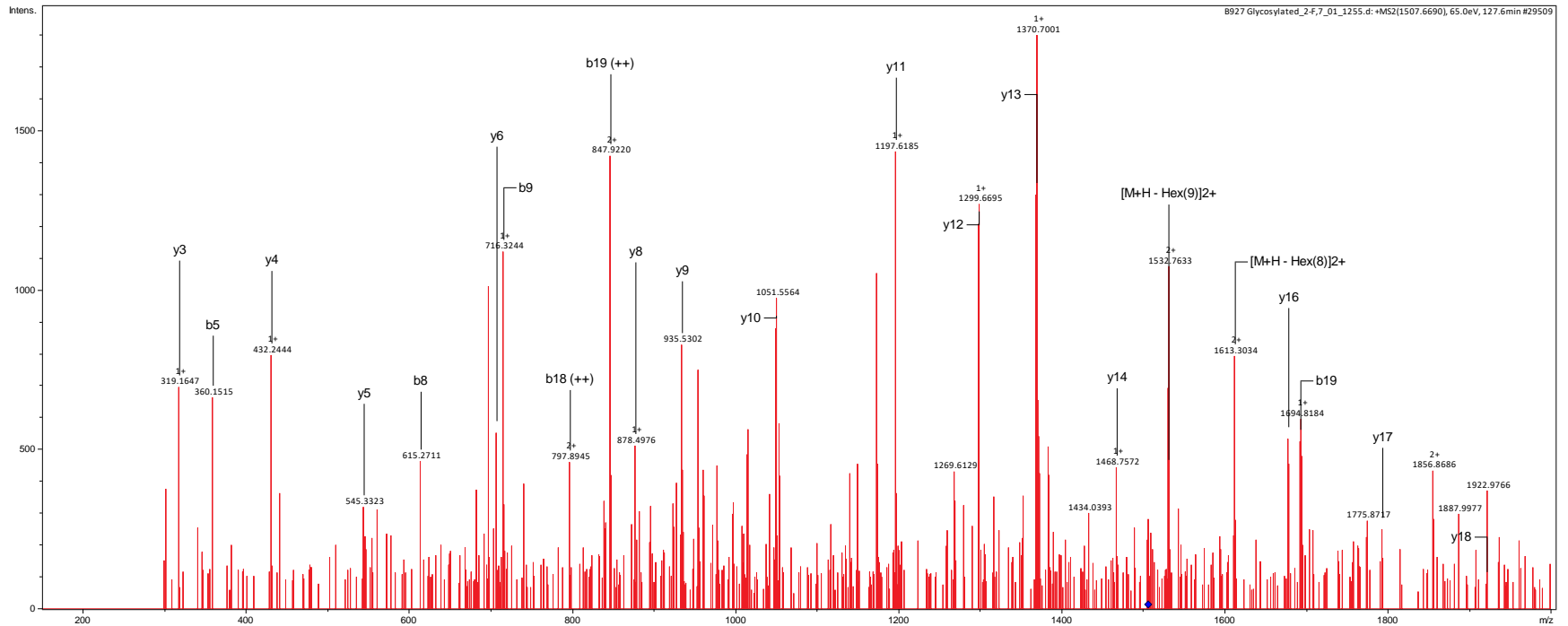
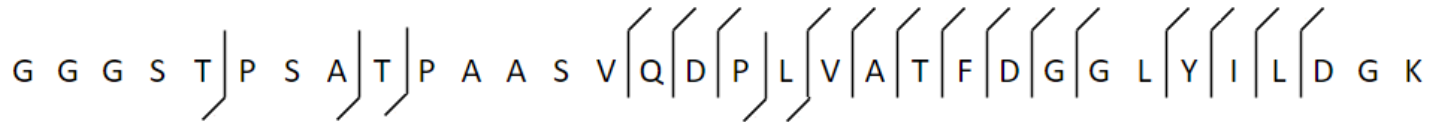
Time point	35 hr
SCO number	SCO1714
Precursor ion mass	723.31781
Charge	2
Retention time	25.9
Hex on peptide	3
e-value	0.019
Site allocated?	N



Time point	35 hr
SCO number	SCO3540
Precursor ion mass	910.927429
Charge	2
Retention time	53.2
Hex on peptide	2
e-value	0.000055
Site allocated?	N

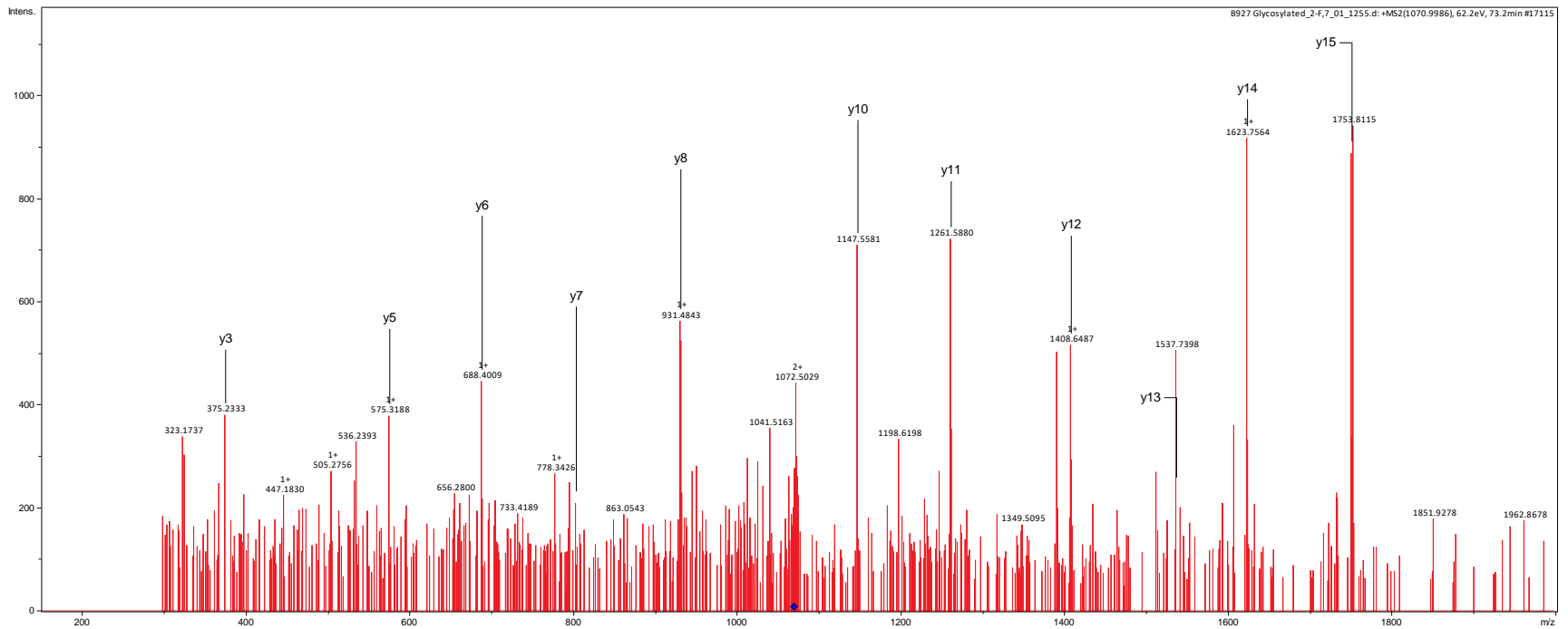


Time point	35 hr
SCO number	SCO0472
Precursor ion mass	1507.67395
Charge	3
Retention time	136.5
Hex on peptide	9
e-value	0.00021
Site allocated?	N



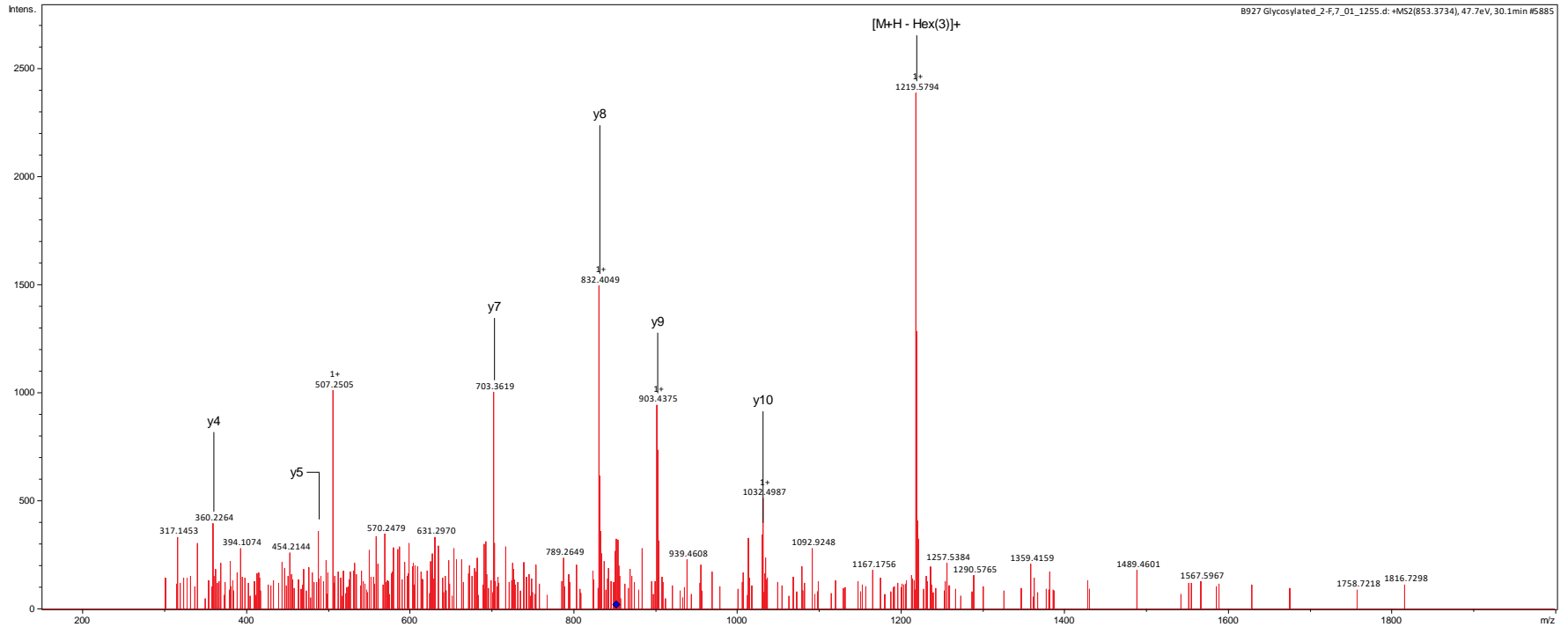
Time point	43 hr
SCO number	SCO5204
Precursor ion mass	1070.998535
Charge	2
Retention time	73.2
Hex on peptide	1
e-value	0.012
Site allocated?	N

Q V Q S Q F N S E Q D I A E S I R

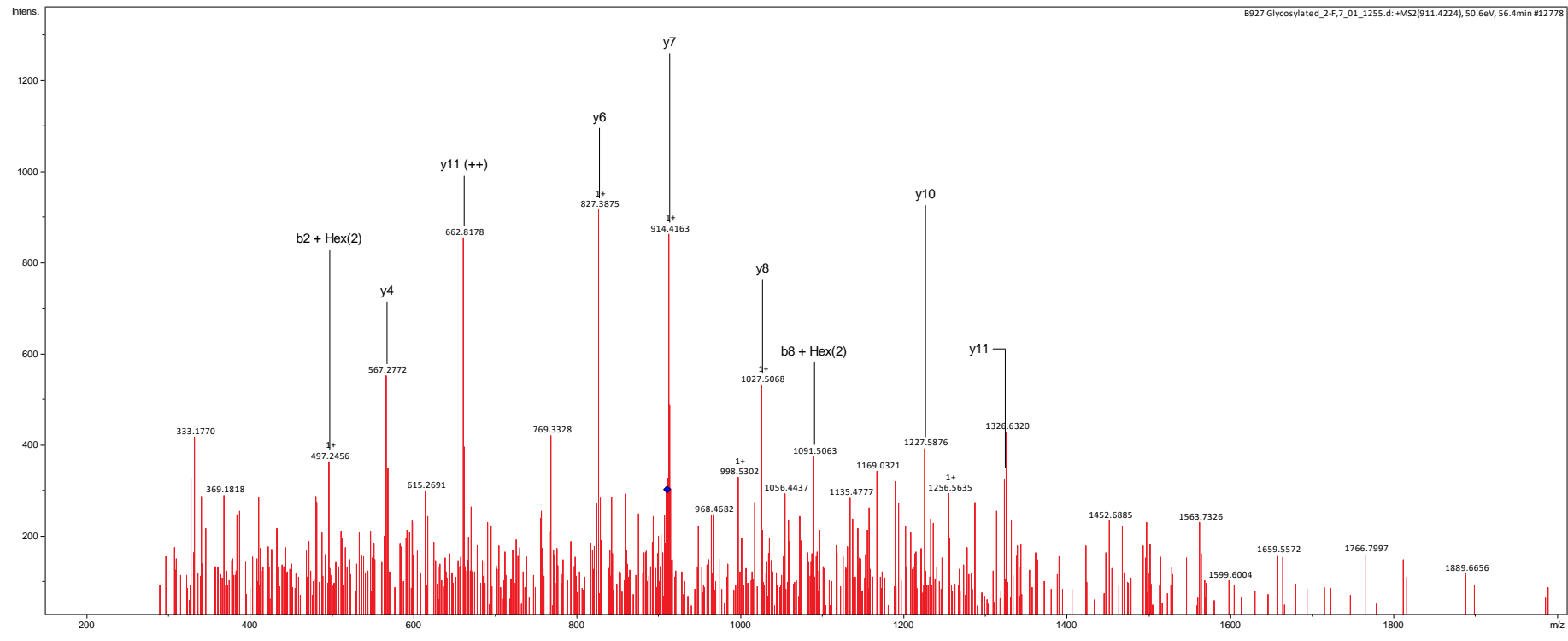
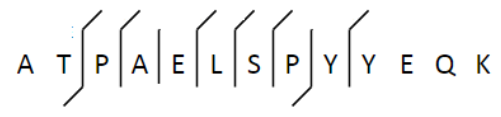


Time point	43 hr
SCO number	SCO4934
Precursor ion mass	853.373413
Charge	2
Elution time	30.1
Hex on peptide	3
e-value	0.0036
Site allocated?	N

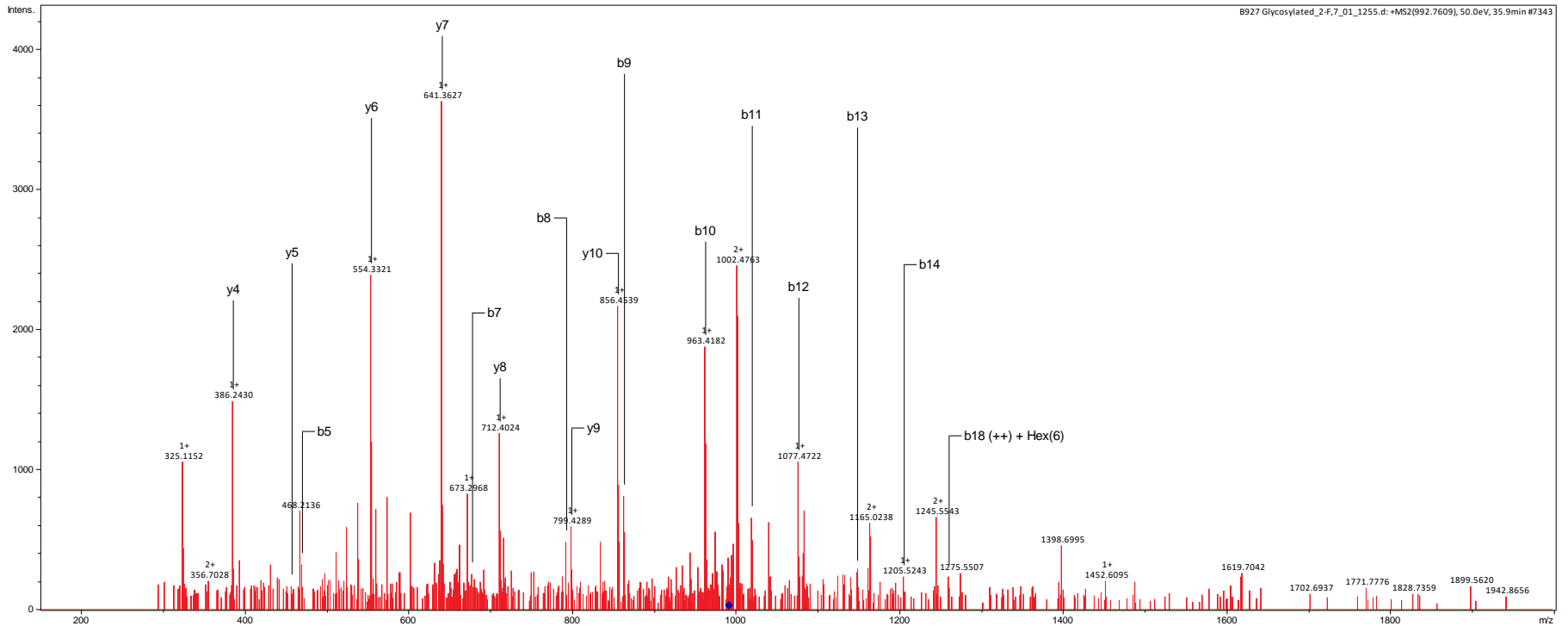
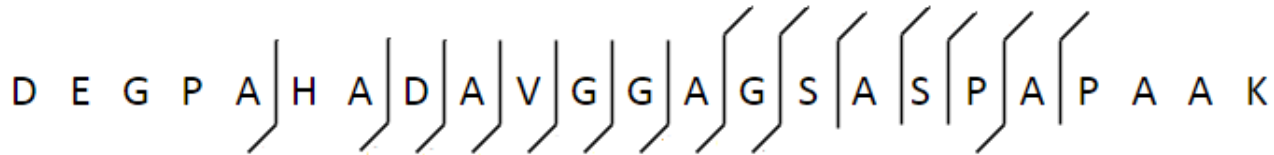
T S Q A E V D E A A A K



Time point	43 hr
SCO number	SCO3540
Precursor ion mass	910.920837
Charge	2
Retention time	56.4
Hex on peptide	2
e-value	0.019
Site allocated?	T2

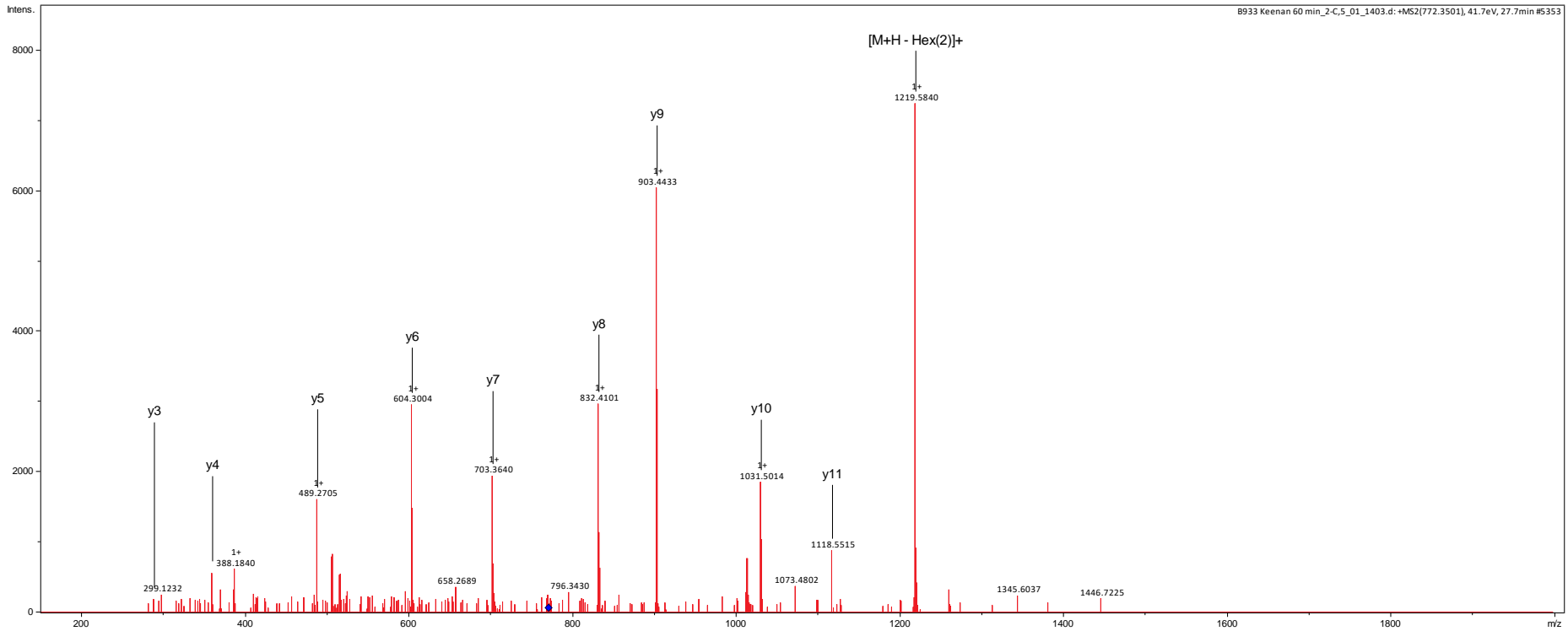


Time point	43 hr
SCO number	SCO3357
Precursor ion mass	992.760925
Charge	3
Retention time	35.9
Hex on peptide	6
e-value	0.013
Site allocated?	N

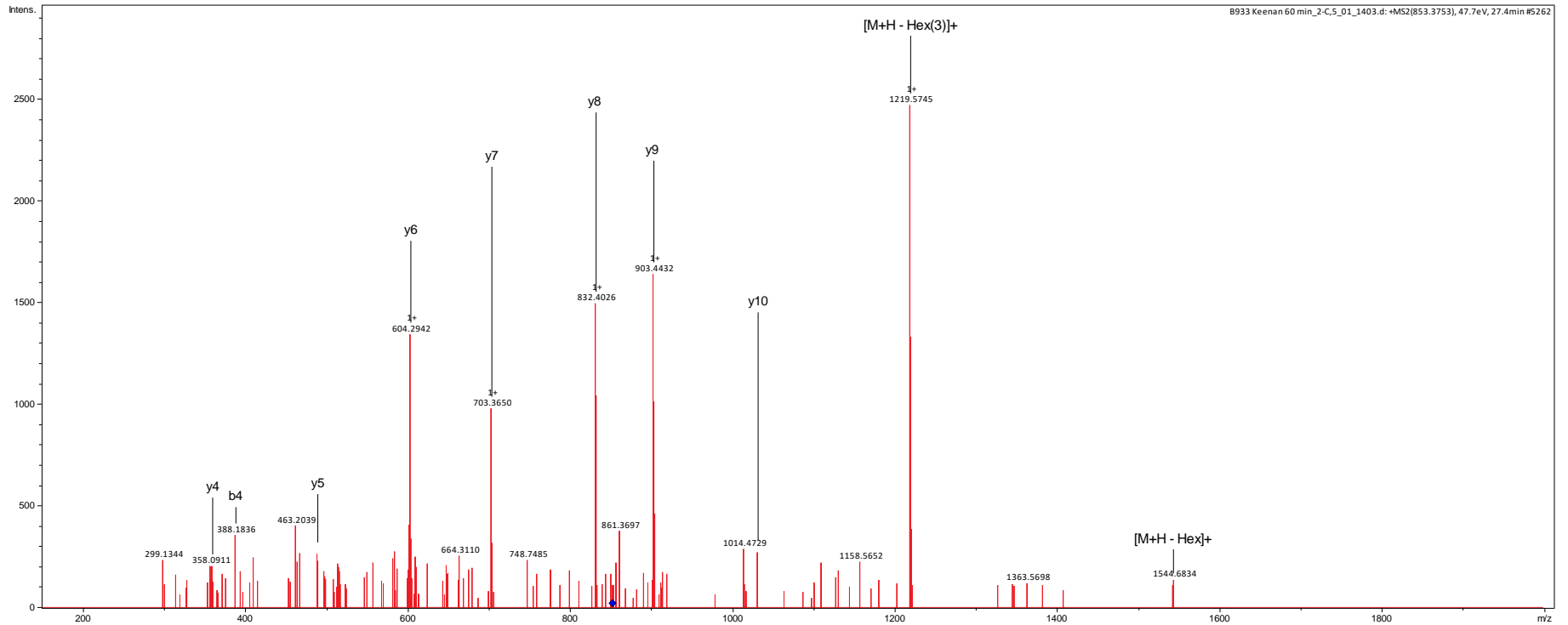
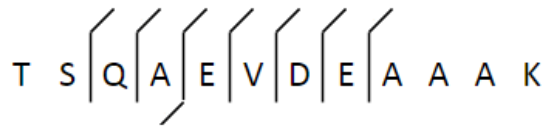


Time point	60 hr
SCO number	SCO4934
Precursor ion mass	772.350098
Charge	2
Retention time	27.7
Hex on peptide	2
e-value	0.00019
Site allocated?	N

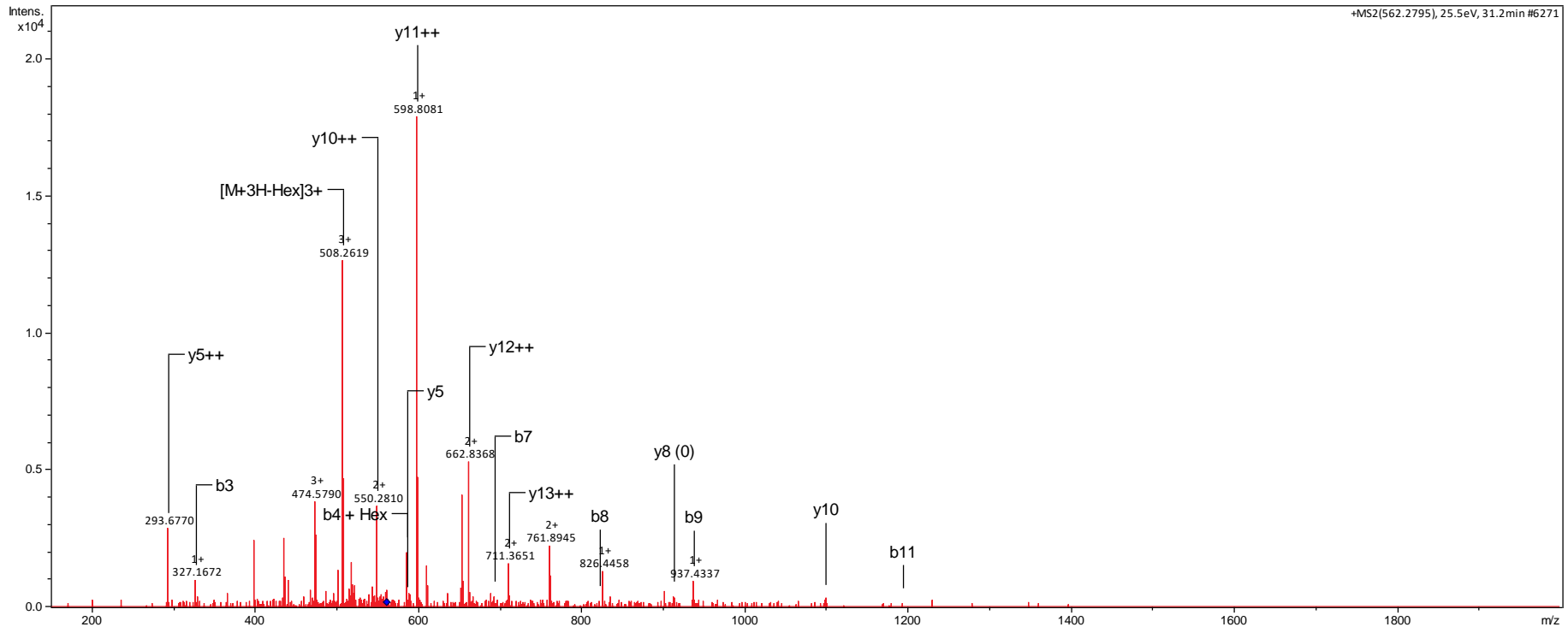
T | S | Q | A | E | V | D | E A A A K



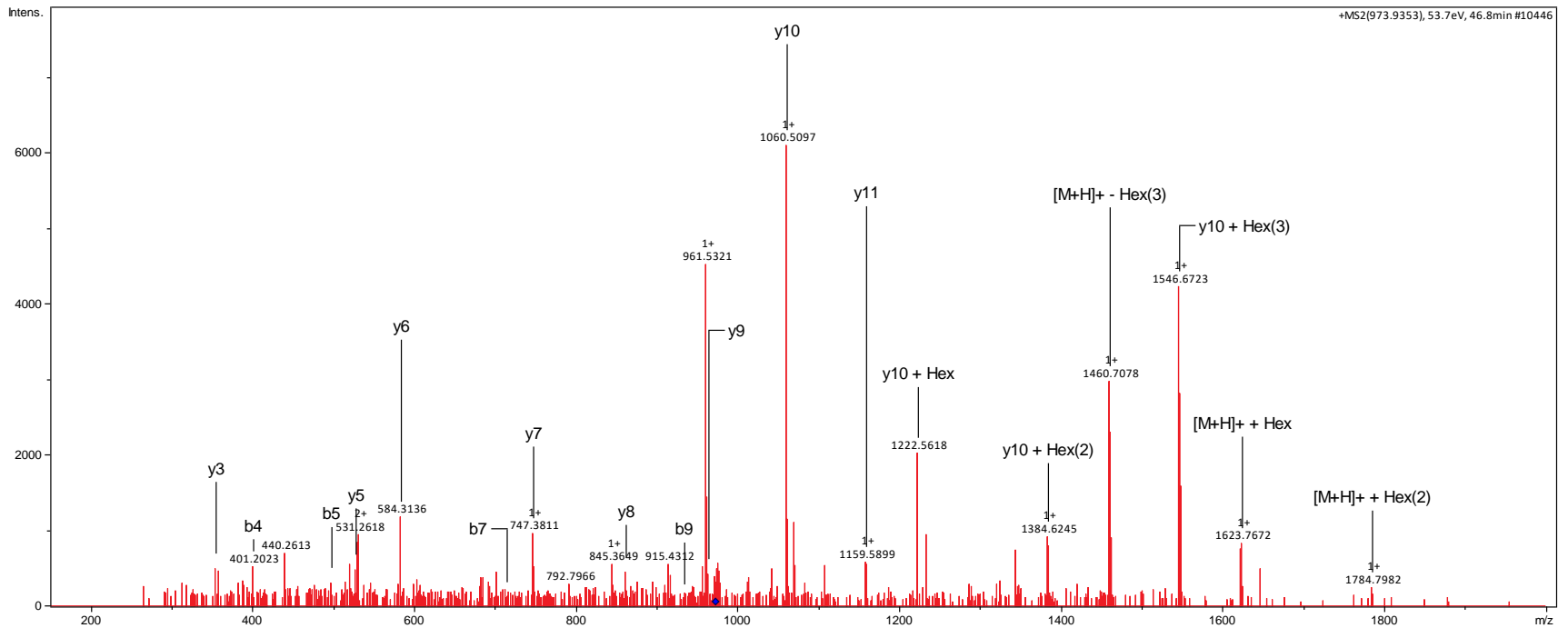
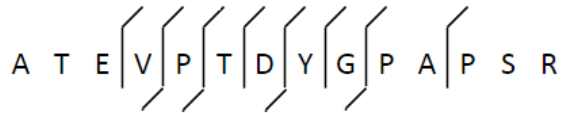
Time point	60 hr
SCO number	SCO4934
Precursor ion mass	853.375366
Charge	2
Retention time	27.4
Hex on peptide	3
e-value	0.024
Site allocated?	N



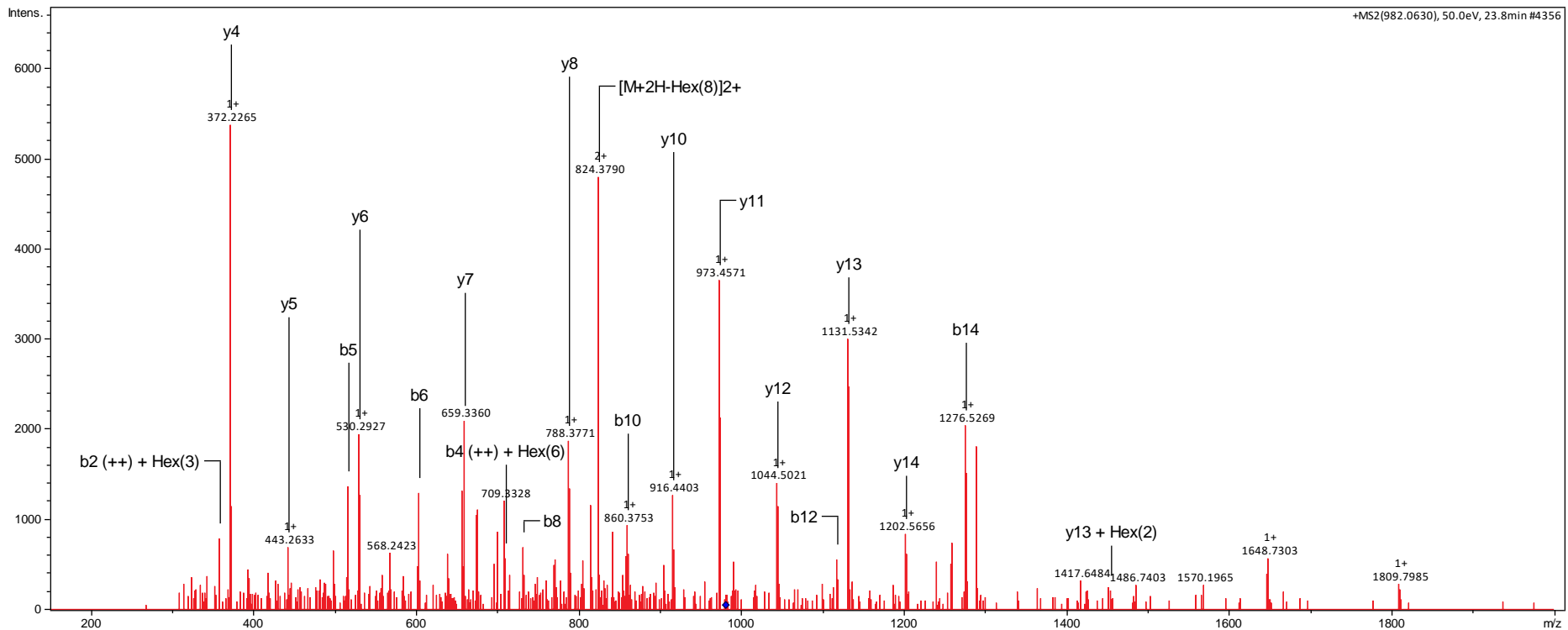
Time point	60 hr
SCO number	SCO4141
Precursor ion mass	562.279541
Charge	3
Retention time	31.2
Hex on peptide	1
e-value	0.04
Site allocated?	N



Time point	60 hr
SCO number	SCO4905
Precursor ion mass	973.935303
Charge	2
Retention time	46.7
Hex on peptide	3
e-value	0.0091
Site allocated?	N



Time point	60 hr
SCO number	SCO4739
Precursor ion mass	982.062988
Charge	3
Retention time	23.8
Hex on peptide	8
e-value	0.0041
Site allocated?	N

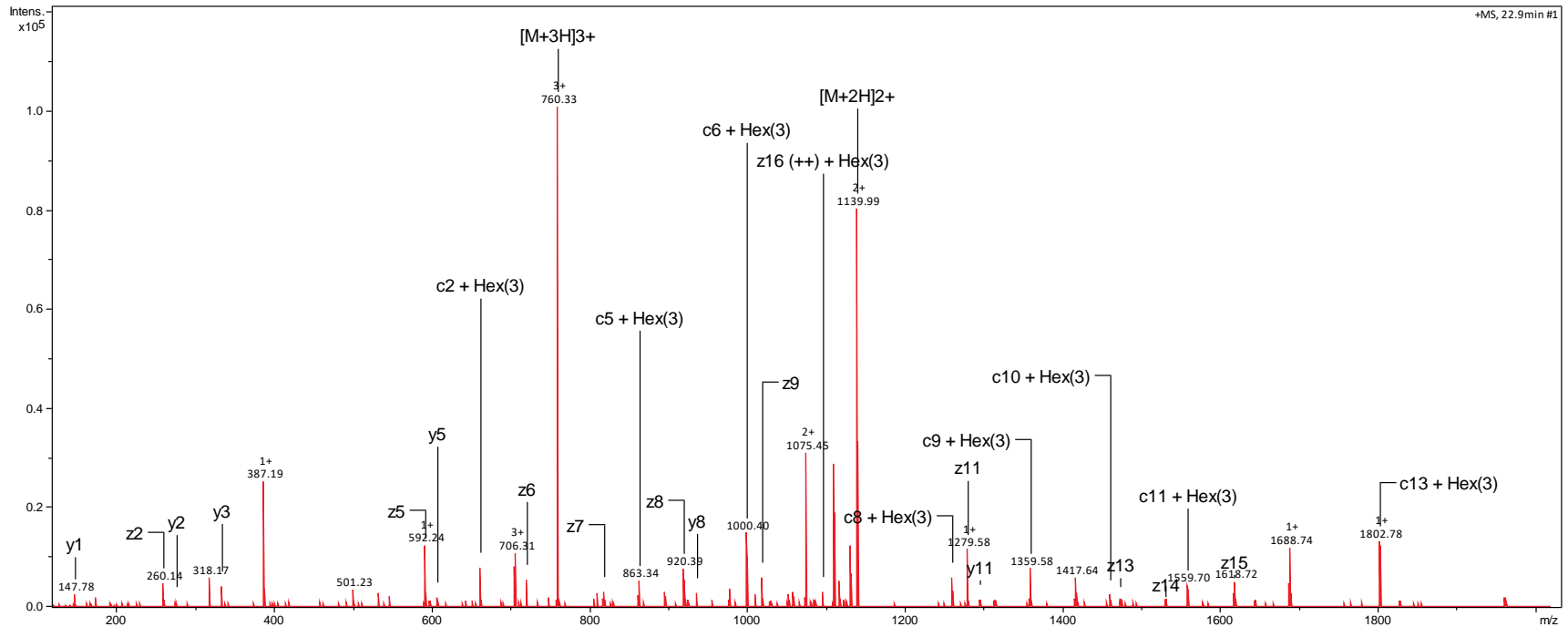
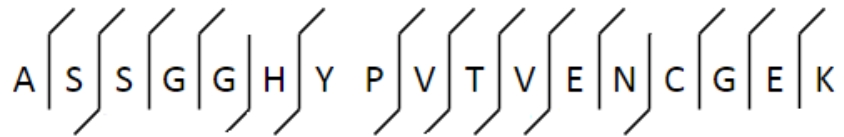


Spectra generated using HCD and ETD fragmentation techniques on the Thermo Orbitrap Fusion Tribrid mass spectrometer

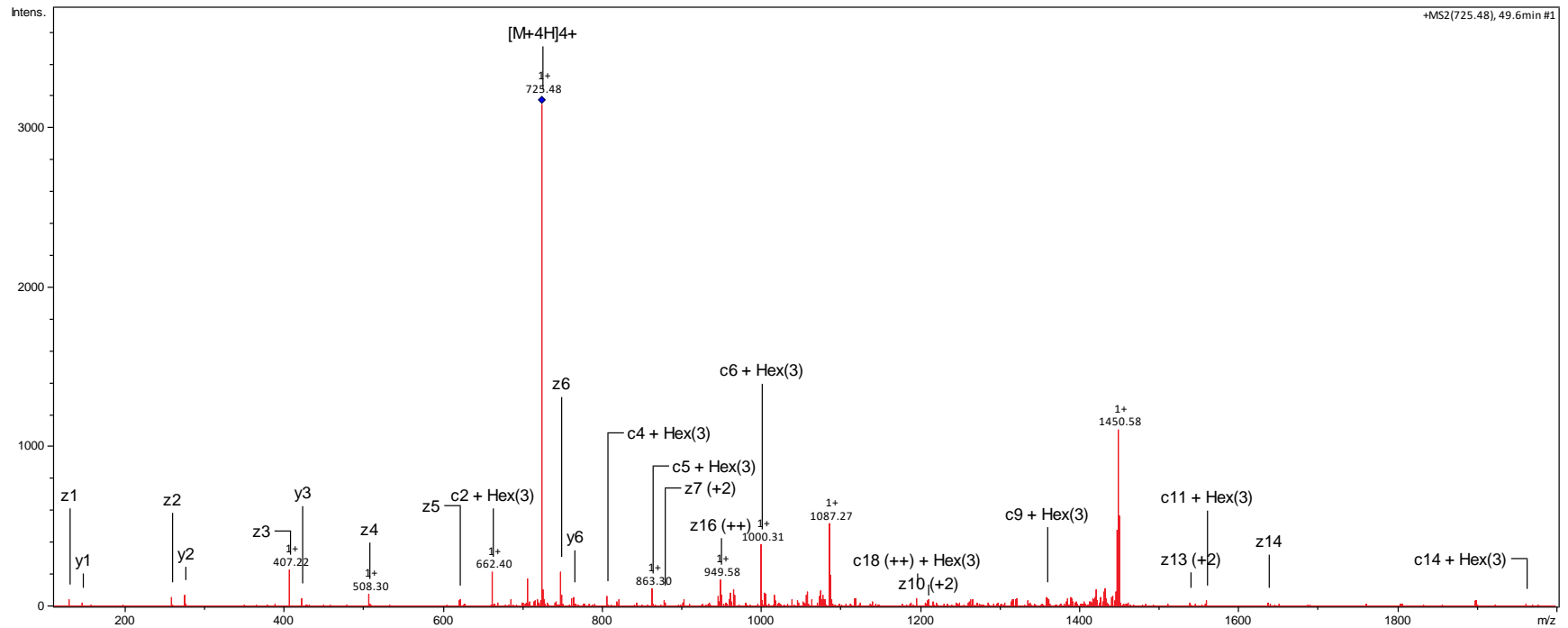
Ion types:

Ion Type	Description
c(++)	doubly charged series
y(++)	doubly charged series
z(+2)	z + 2
z(++)	doubly charged series
z(+2++)	z+2 doubly charged series

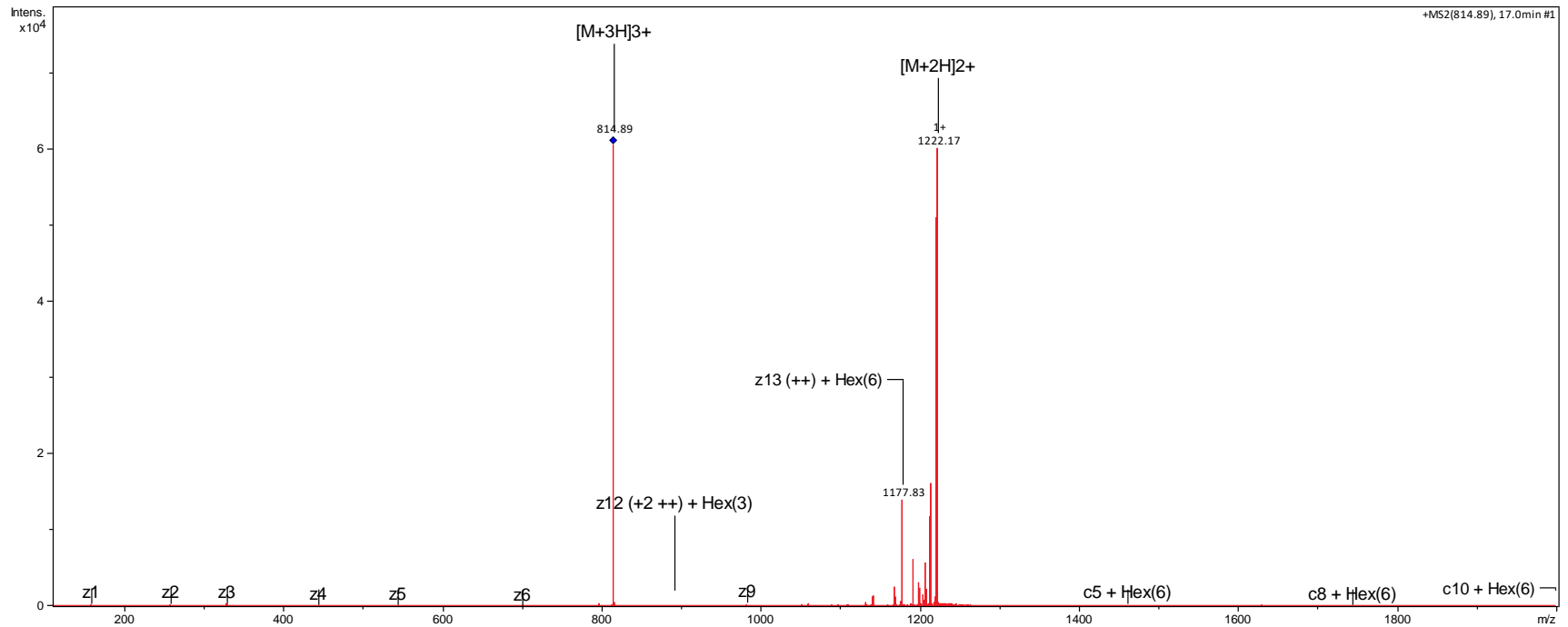
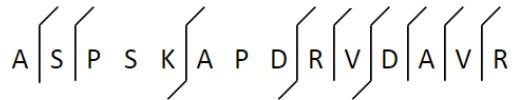
SCO Number	SCO7218
Precursor m/z	759.9905
Charge	3
Retention time	22.9
Scan number	3332
Hex on peptide	3
e-value	0.00066
Site allocated?	N
Method	ETD_OT



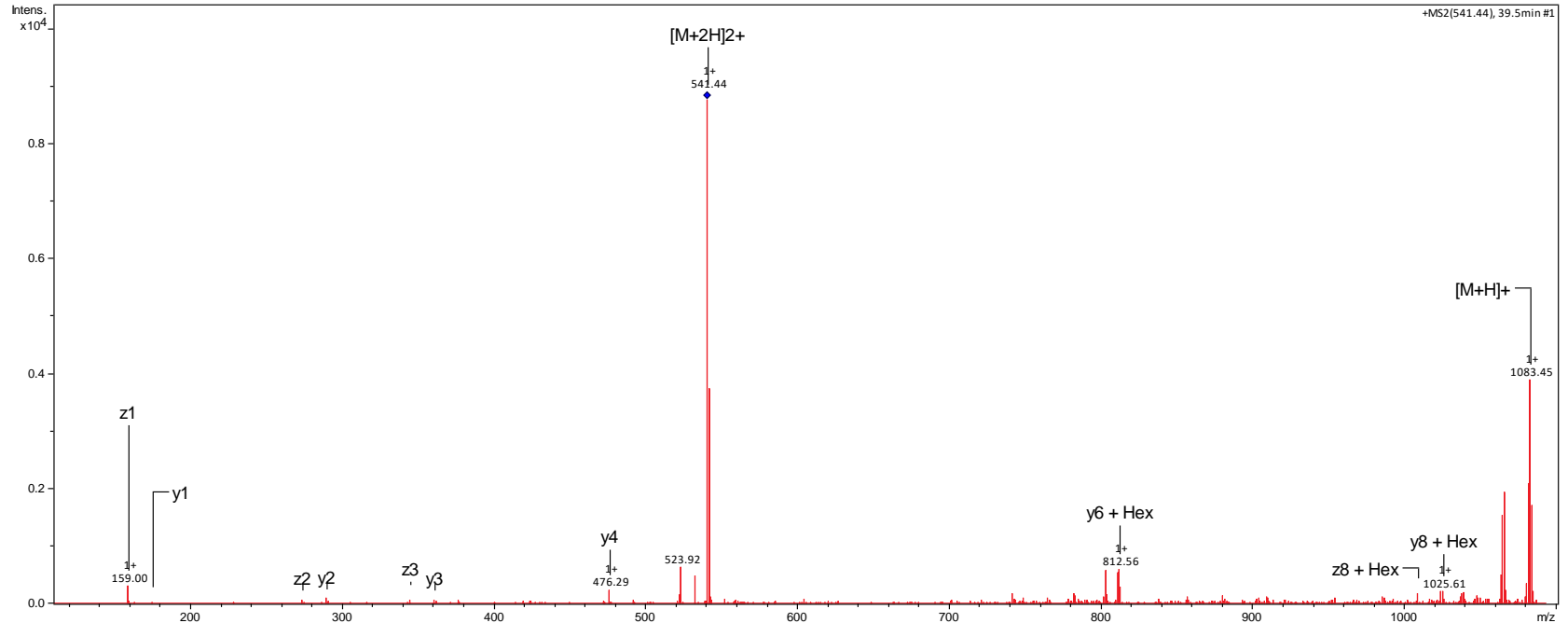
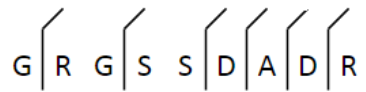
SCO Number	SCO7218
Precursor m/z	724.83
Charge	4
Retention time	49.6
Scan number	11845
Hex on peptide	3
e-value	0.0047
Site allocated?	N
Method	ETD_IT, ETD_OT



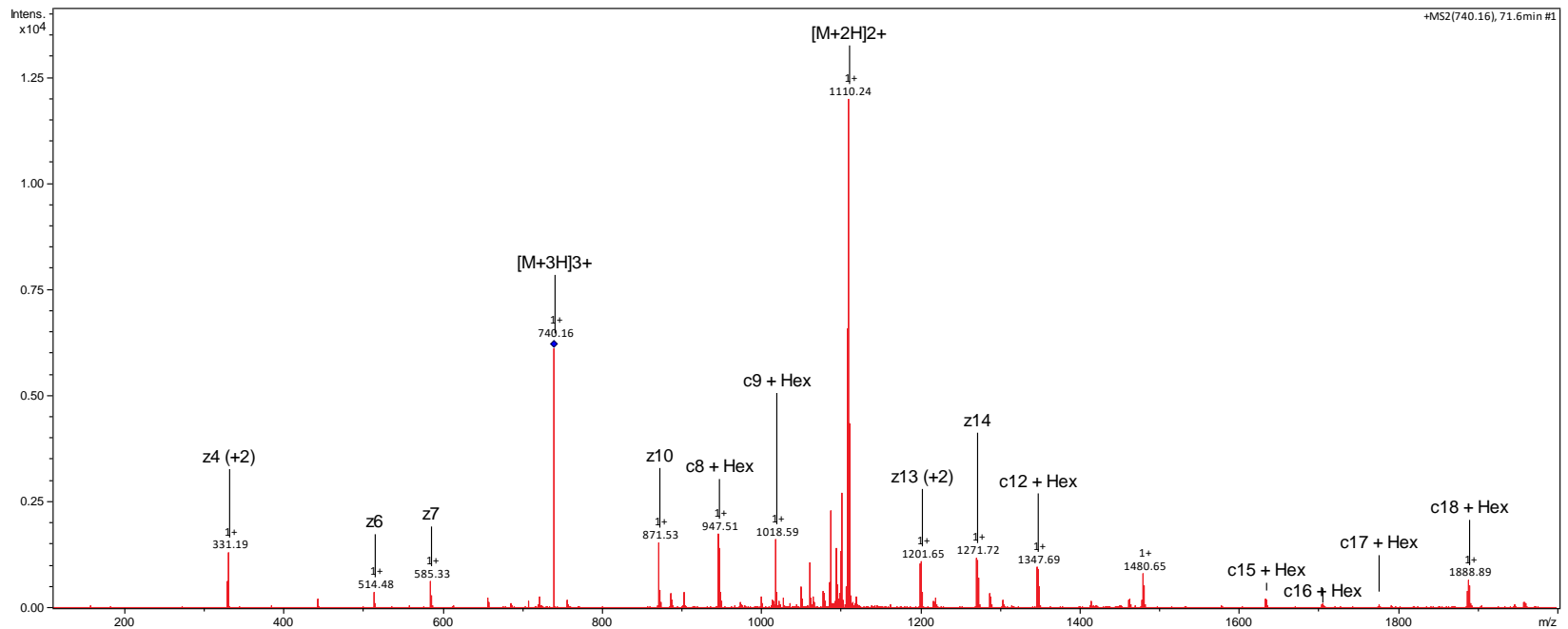
SCO Number	SCO3357
Precursor m/z	814.373
Charge	3
Retention time	17
Scan number	2155
Hex on peptide	6
e-value	0.029
Site allocated?	N
Method	ETD_IT



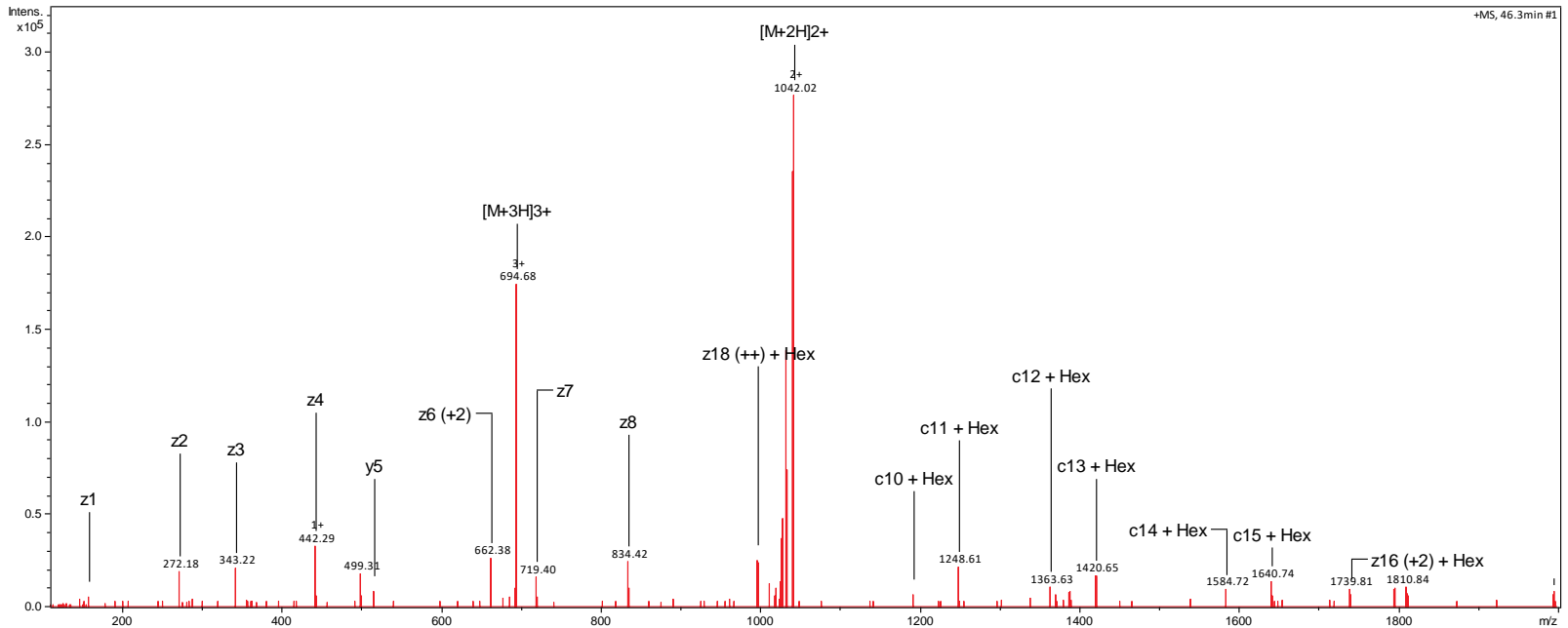
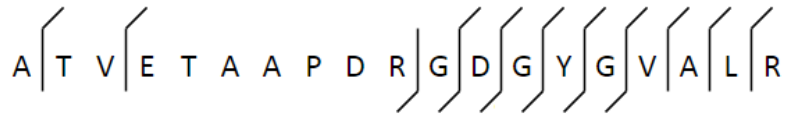
SCO Number	SCO2963
Precursor m/z	541.7381
Charge	2
Retention time	39.5
Scan number	8834
Hex on peptide	1
e-value	0.0065
Site allocated?	N
Method	ETD_IT



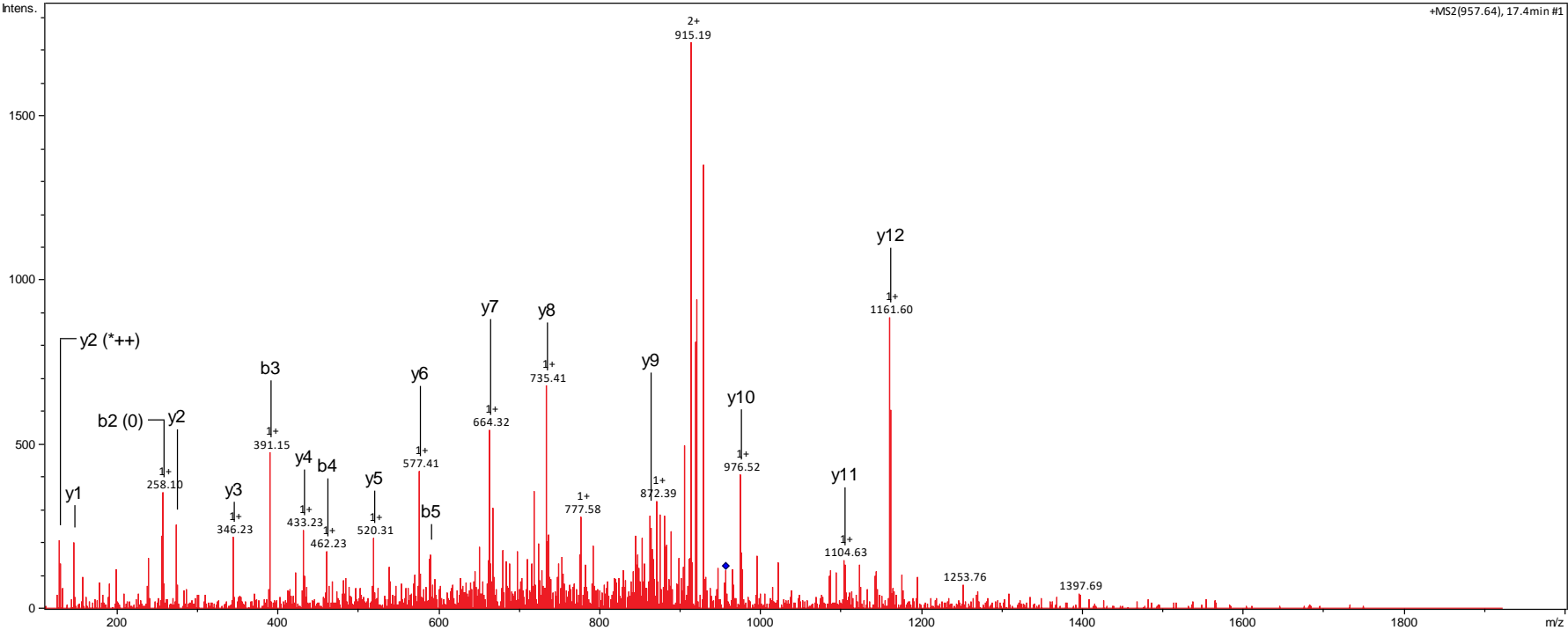
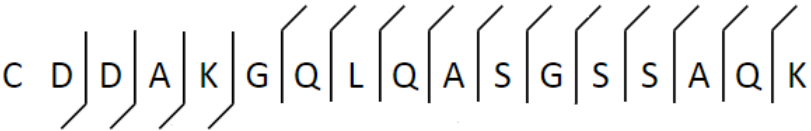
SCO Number	SCO4142
Precursor m/z	739.7253
Charge	3
Retention time	71.6
Scan number	32536
Hex on peptide	1
e-value	0.0019
Site allocated?	N
Method	ETD_IT



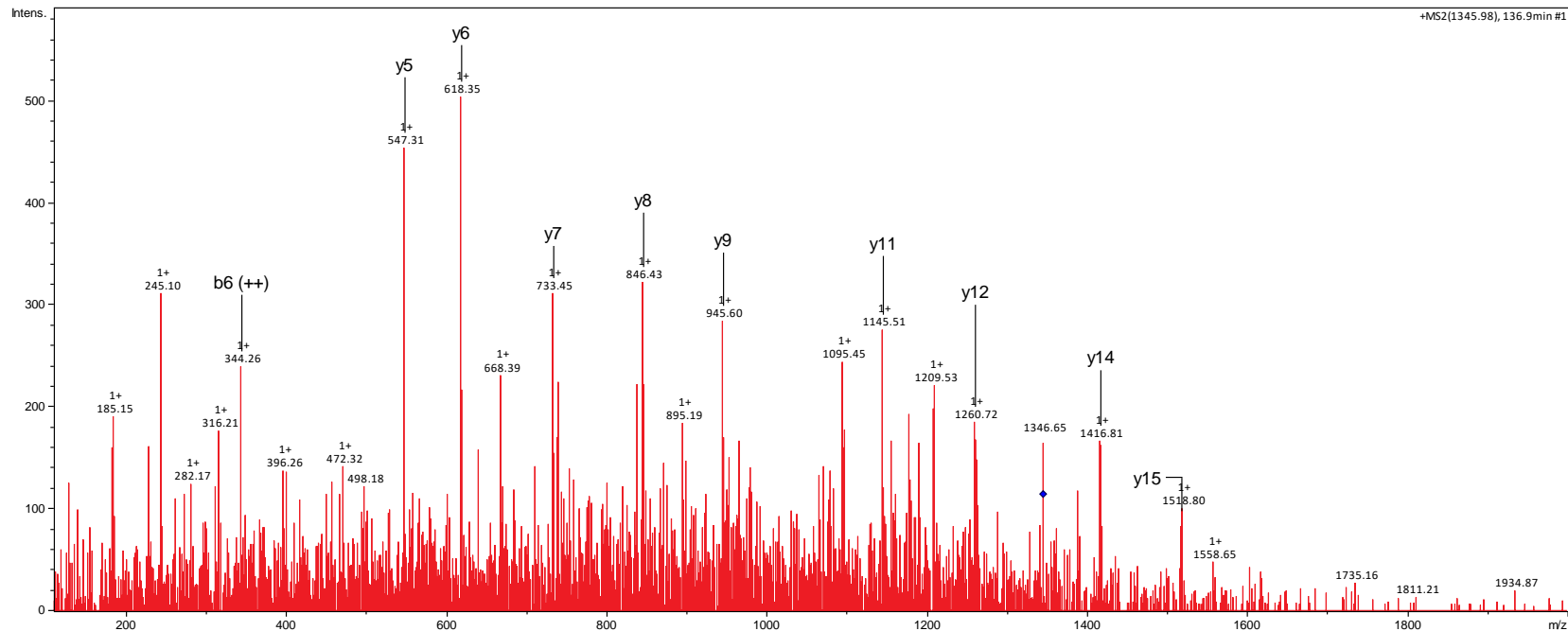
SCO Number	SCO3184
Precursor m/z	694.3423
Charge	3
Retention time	23.9
Scan number	46.3
Hex on peptide	1
e-value	0.000011
Site allocated?	N
Method	ETD_IT, ETD_OT



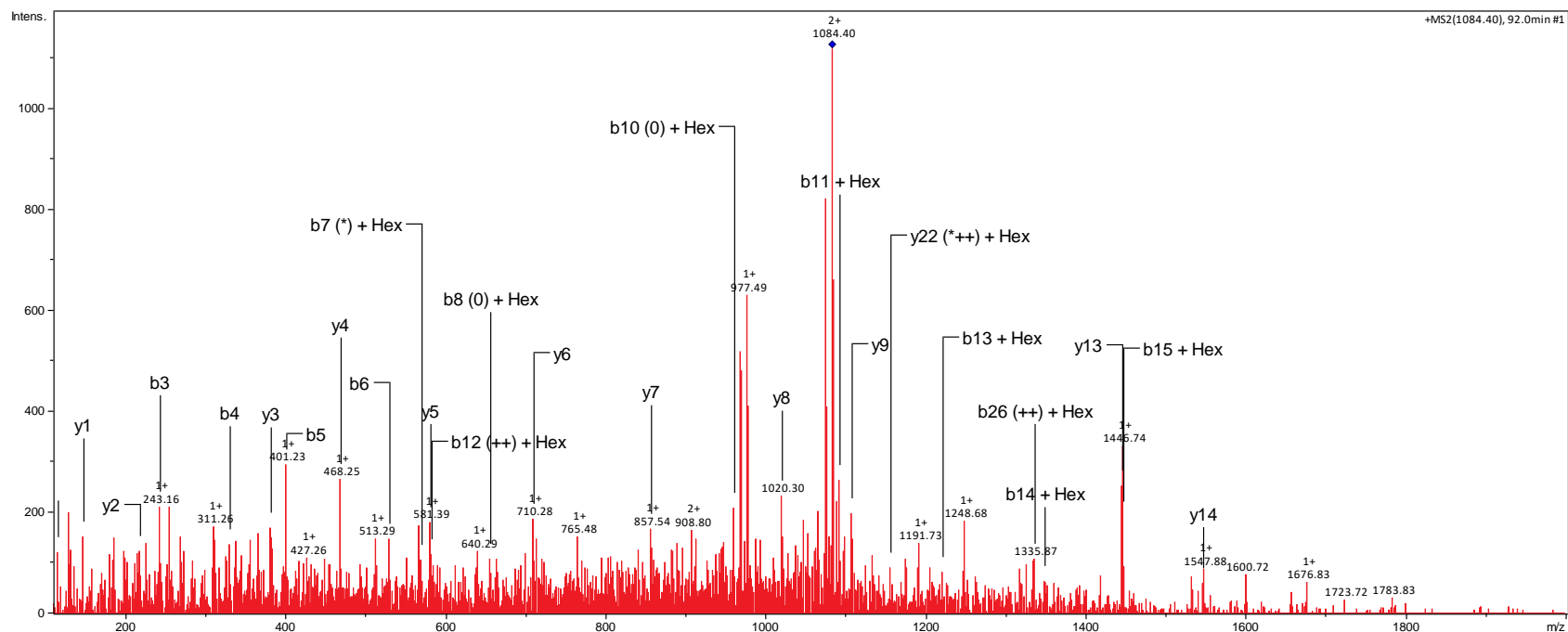
SCO Number	SCO4142
Precursor m/z	956.9326
Charge	2
Retention time	17.4
Scan number	4208
Hex on peptide	1
e-value	0.048
Site allocated?	N
Method	HCD_IT



SCO Number	SCO4142
Precursor m/z	1345.3433
Charge	3
Retention time	136.9
Scan number	92043
Hex on peptide	1
Other variable mod	Oxidation of M12
e-value	0.014
Site allocated?	N
Method	HCD_IT

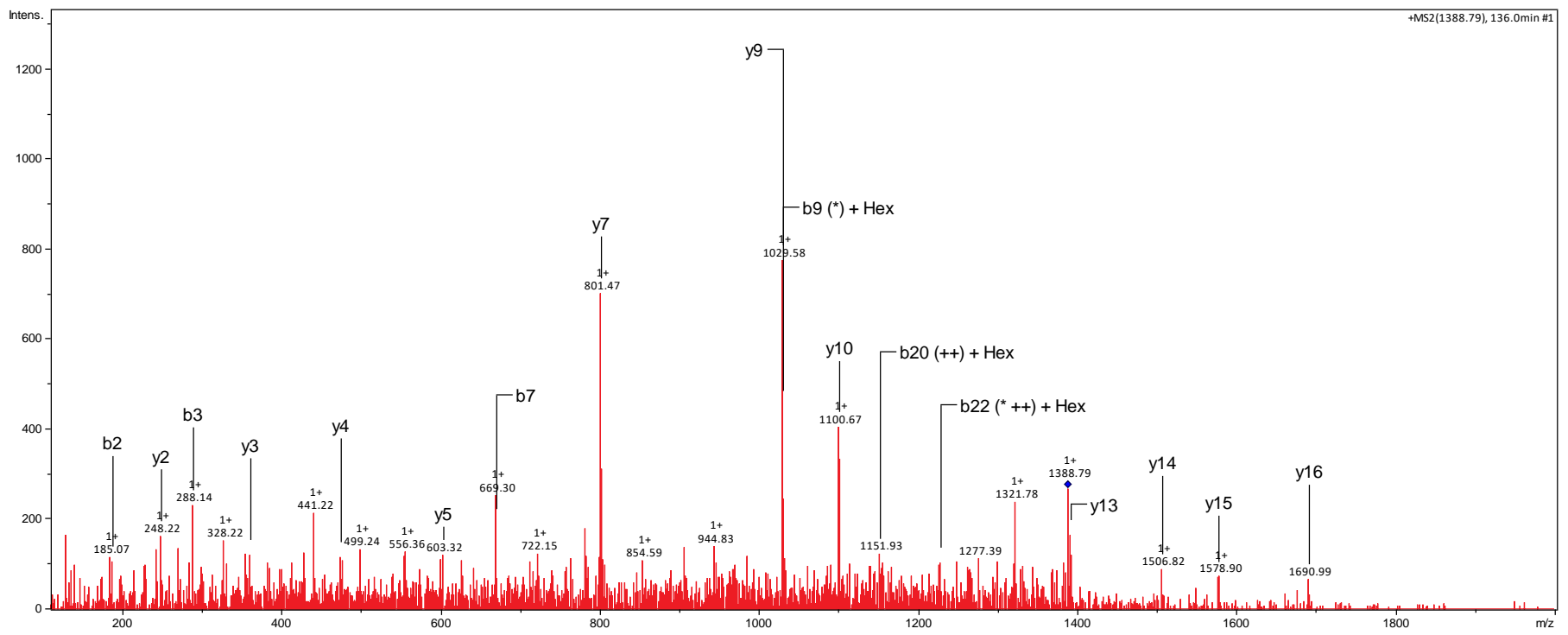


SCO Number	SCO4142
Precursor m/z	1083.8683
Charge	3
Retention time	92
Scan number	58627
Hex on peptide	1
e-value	0.000036
Site allocated?	N
Method	HCD_IT

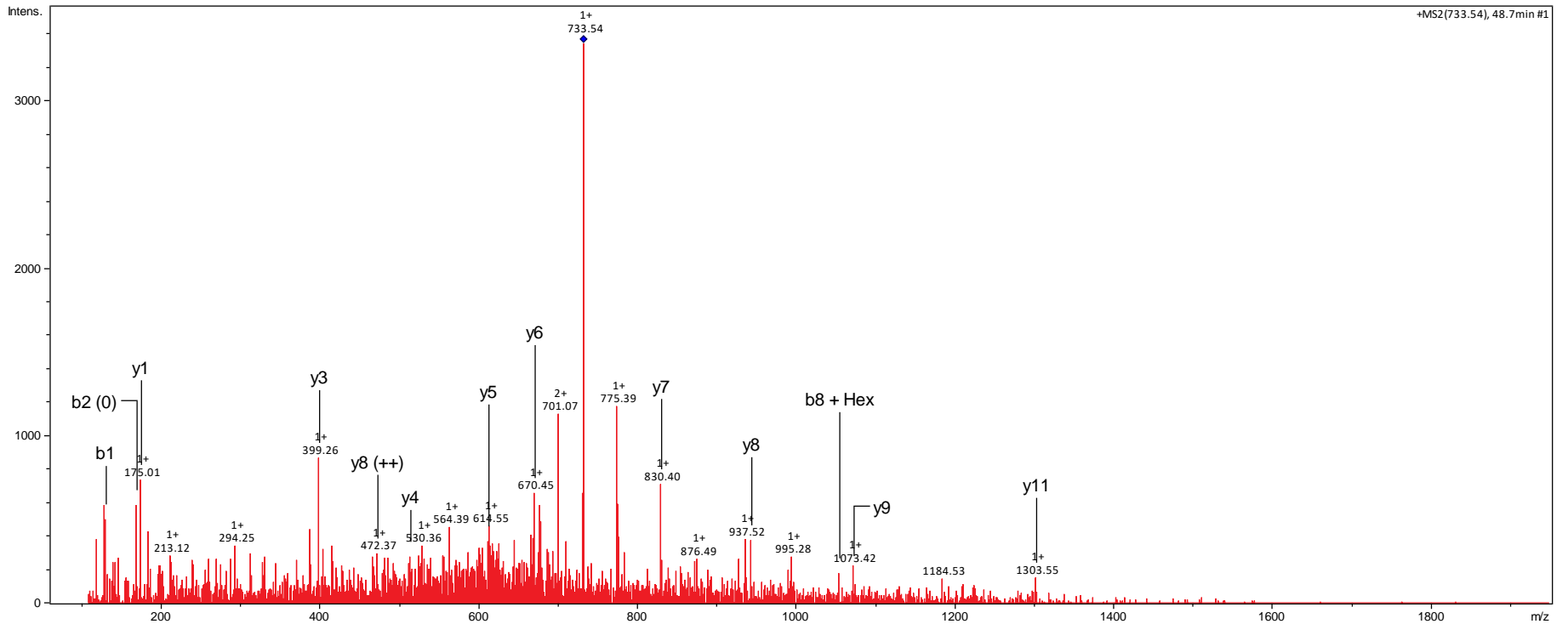


SCO Number	SCO4142
Precursor m/z	1388.3427
Charge	3
Retention time	136
Scan number	91188
Hex on peptide	1
e-value	0.00078
Site allocated?	N
Method	HCD_IT

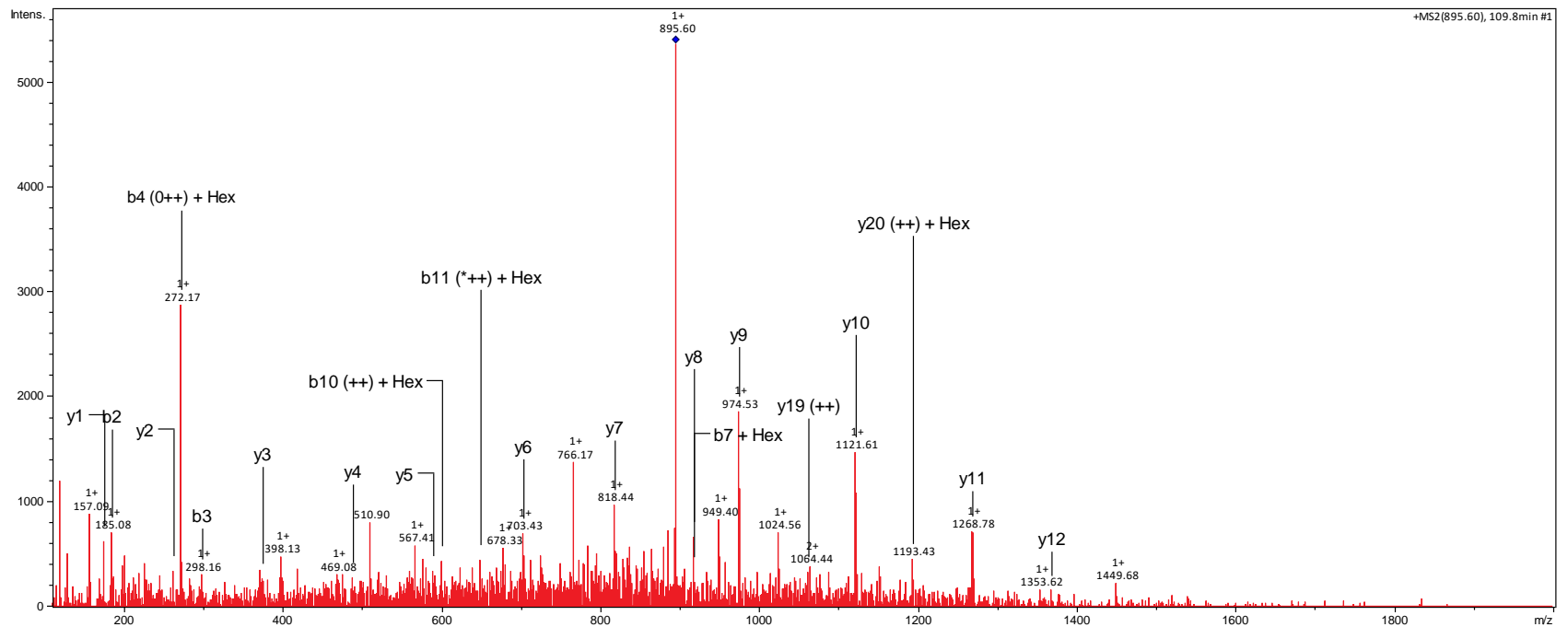
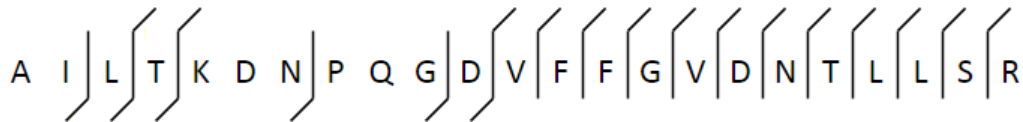
A D T L P A T K S F L N Y M A S E D G Q G L L A D A G Y A P M P T E I I T K



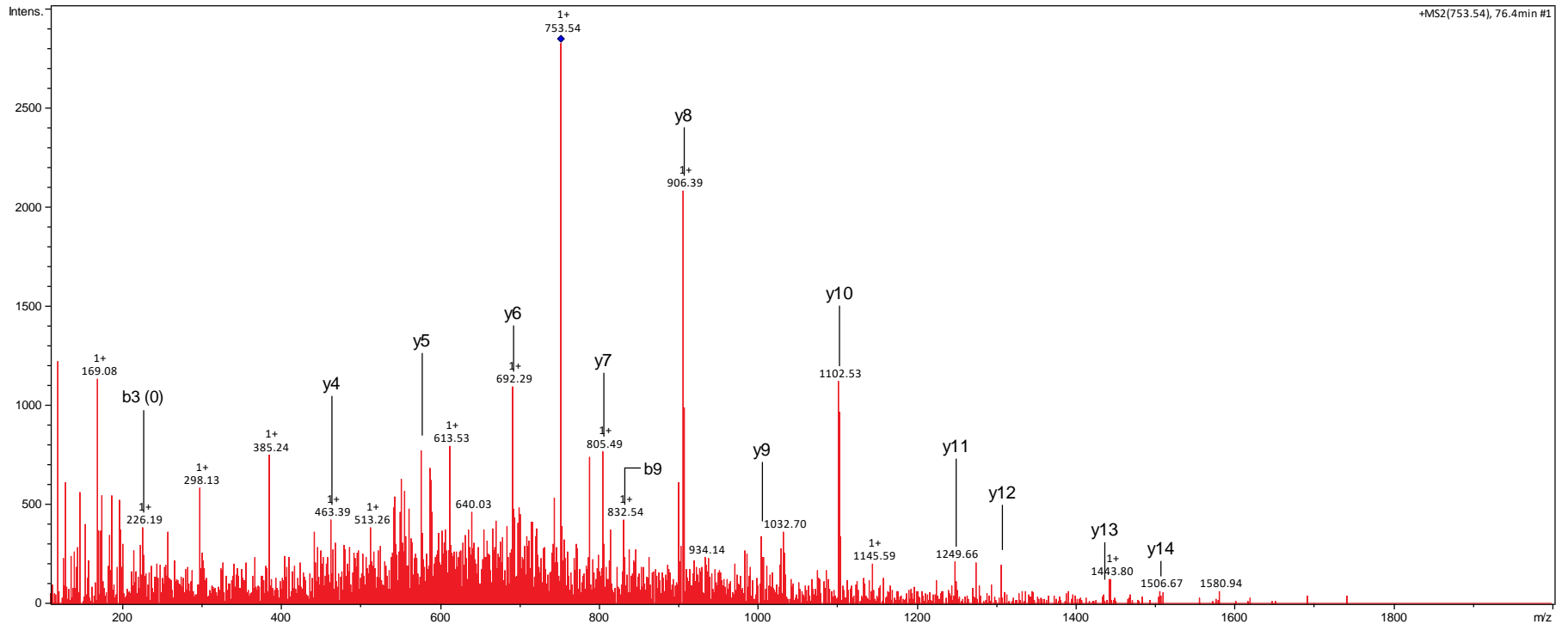
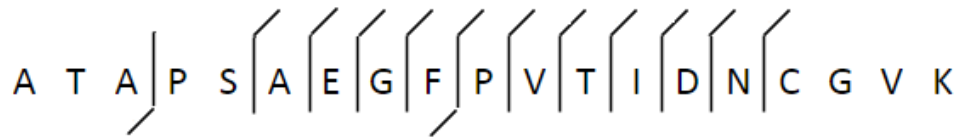
SCO Number	SCO2156
Precursor m/z	733.3296
Charge	3
Retention time	48.7
Scan number	25242
Hex on peptide	1
e-value	0.0015
Site allocated?	N
Method	HCD_IT



SCO Number	SCO5646
Precursor m/z	894.7915
Charge	3
Retention time	109.8
Scan number	72287
Hex on peptide	1
e-value	0.0059
Site allocated?	N
Method	HCD_IT

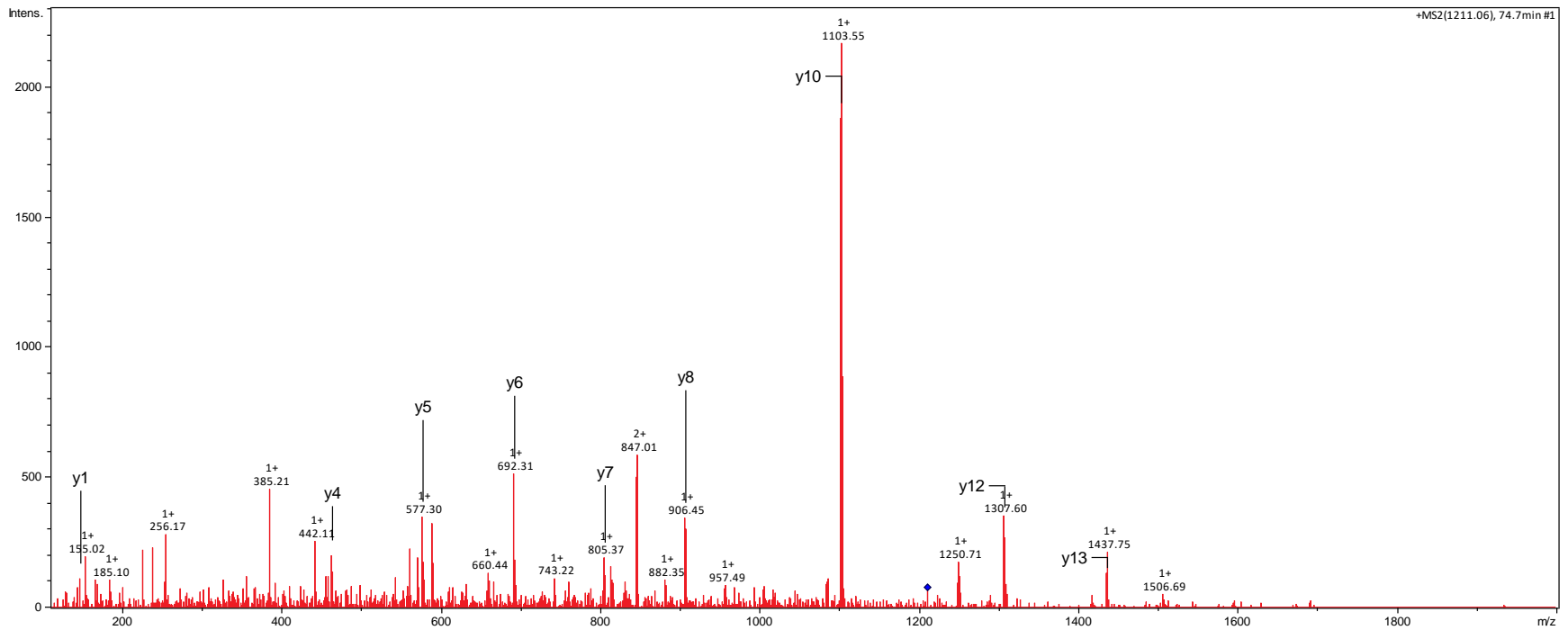


SCO Number	SCO0996
Precursor m/z	753.3517
Charge	3
Retention time	76.4
Scan number	46383
Hex on peptide	2
e-value	0.00082
Site allocated?	N
Method	HCD_IT

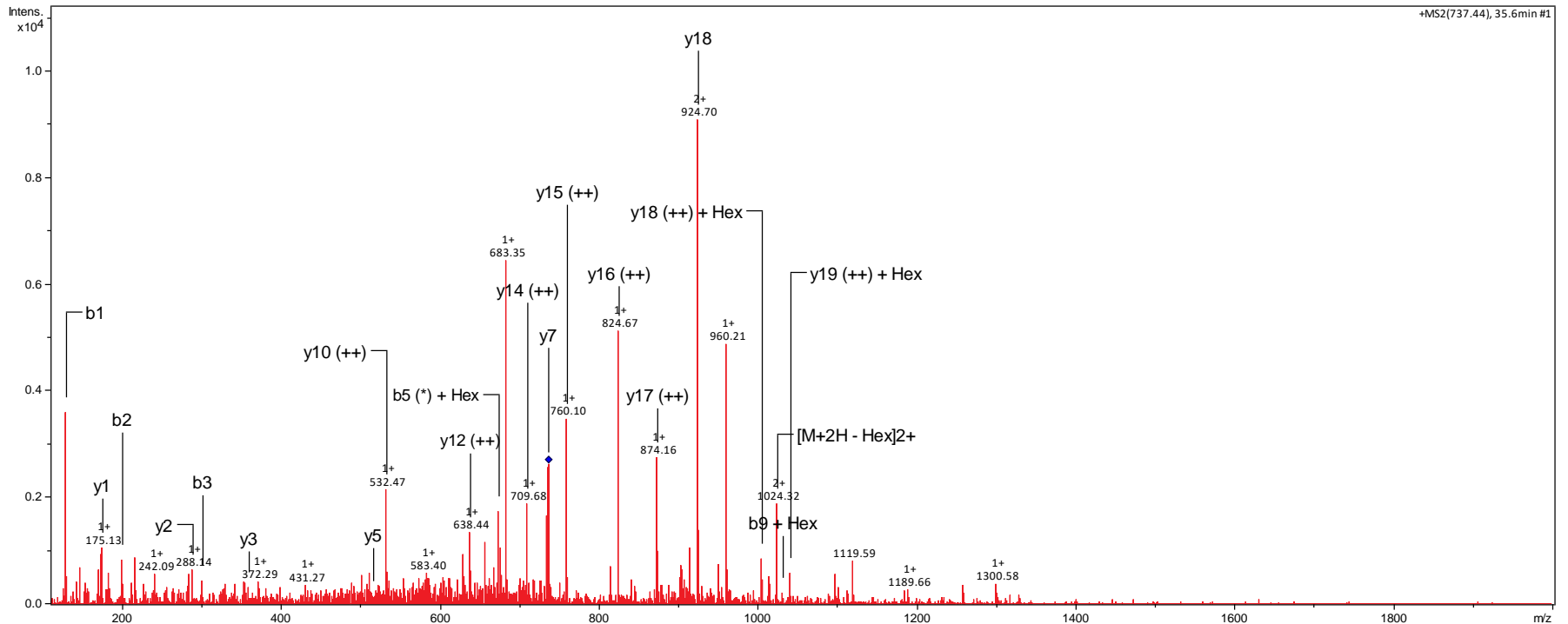
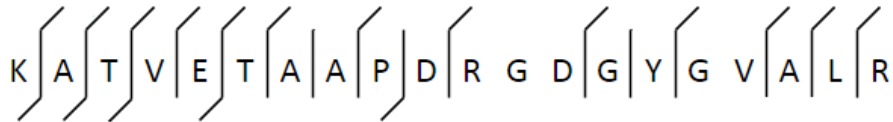


SCO Number	SCO0996
Precursor m/z	1210.5497
Charge	2
Retention time	74.7
Scan number	45042
Hex on peptide	3
e-value	0.021
Site allocated?	N
Method	HCD_IT

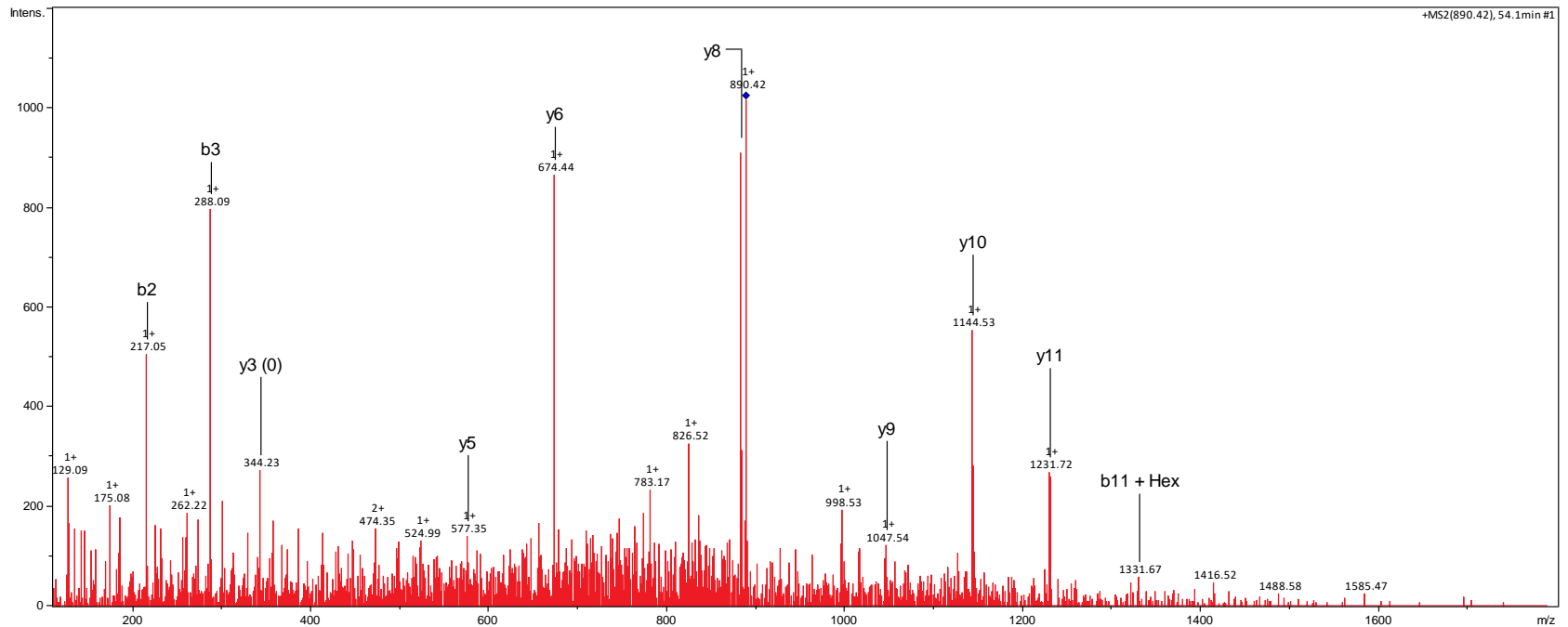
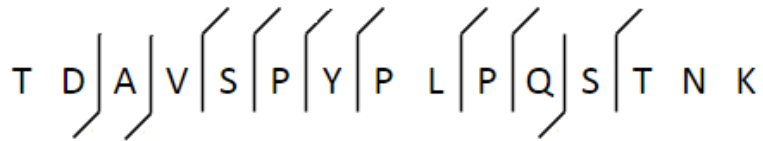
A T A | P S A | E | G F | P V | T | I | D | N | C G V | K



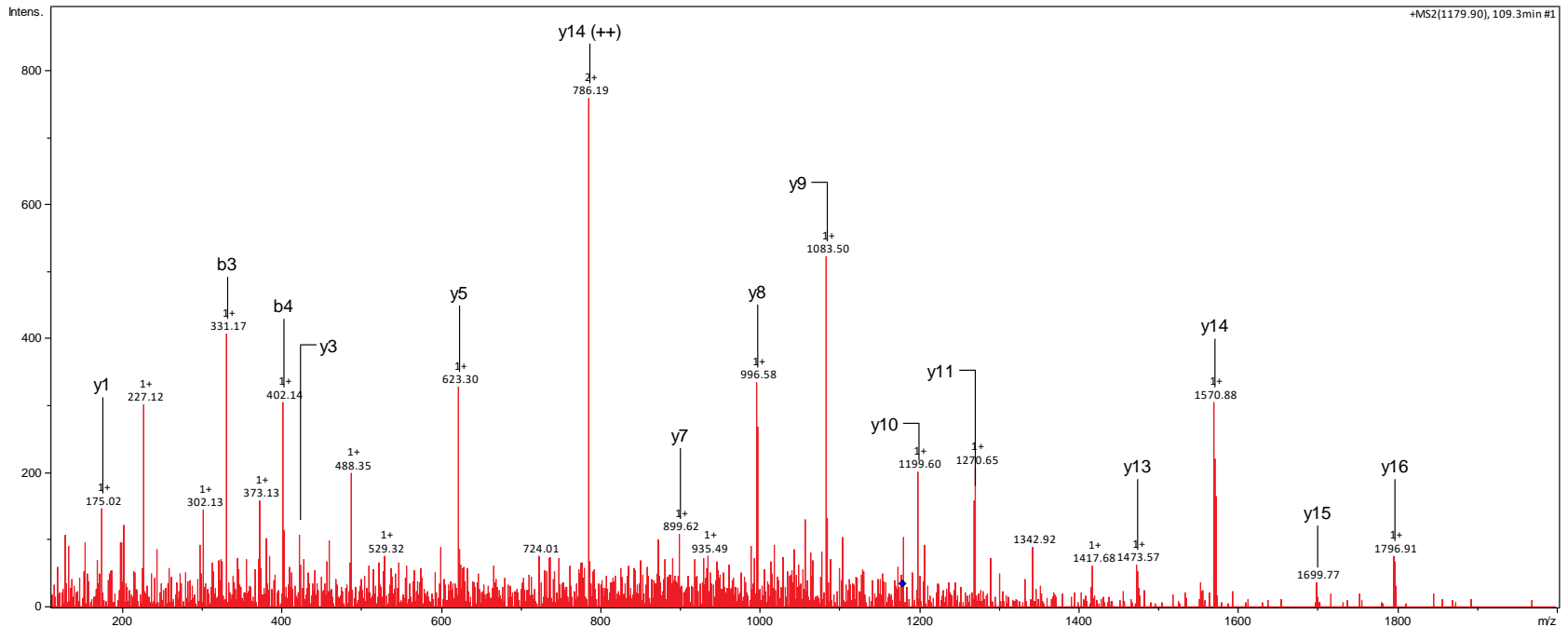
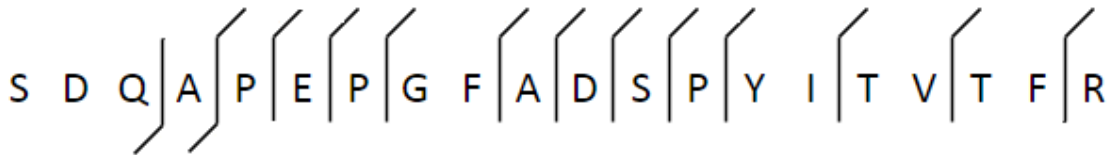
SCO Number	SCO3184
Precursor m/z	737.0407
Charge	3
Retention time	35.6
Scan number	16323
Hex on peptide	1
e-value	0.0014
Site allocated?	N
Method	HCD_IT



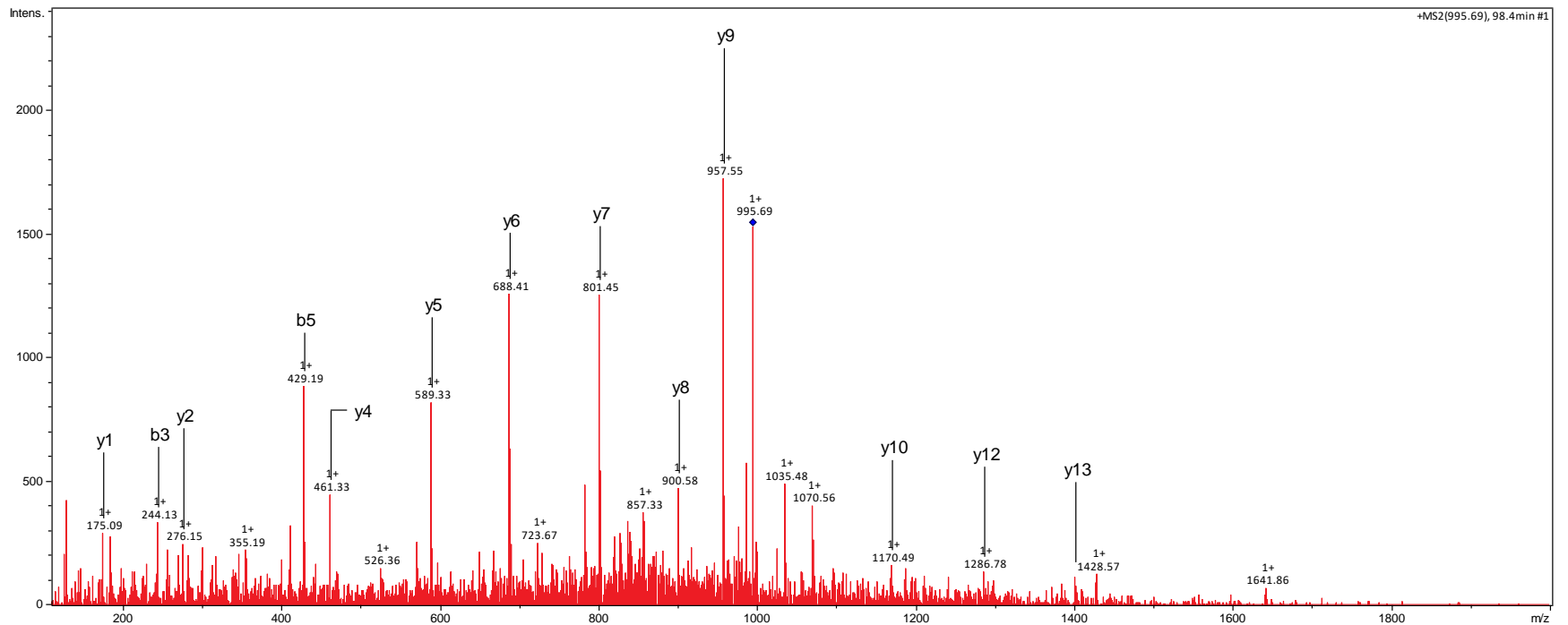
SCO Number	SCO4013
Precursor m/z	890.4368
Charge	2
Retention time	54.1
Scan number	29320
Hex on peptide	1
e-value	0.023
Site allocated?	N
Method	HCD_IT



SCO Number	SCO4885
Precursor m/z	1180.5522
Charge	2
Retention time	109.3
Scan number	71923
Hex on peptide	1
e-value	0.00000081
Site allocated?	N
Method	HCD_IT

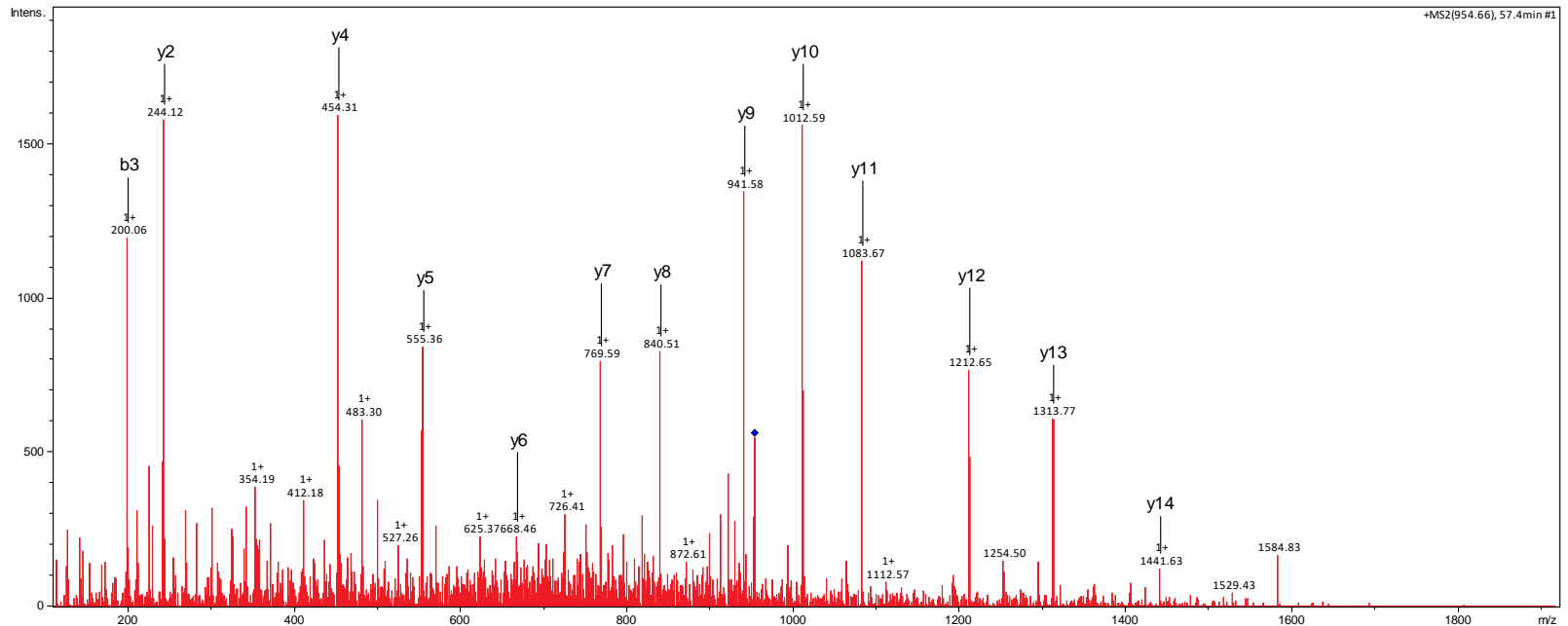


SCO Number	SCO3044
Precursor m/z	995.119
Charge	3
Retention time	98.4
Scan number	63503
Hex on peptide	3
e-value	0.000032
Site allocated?	N
Method	HCD_IT

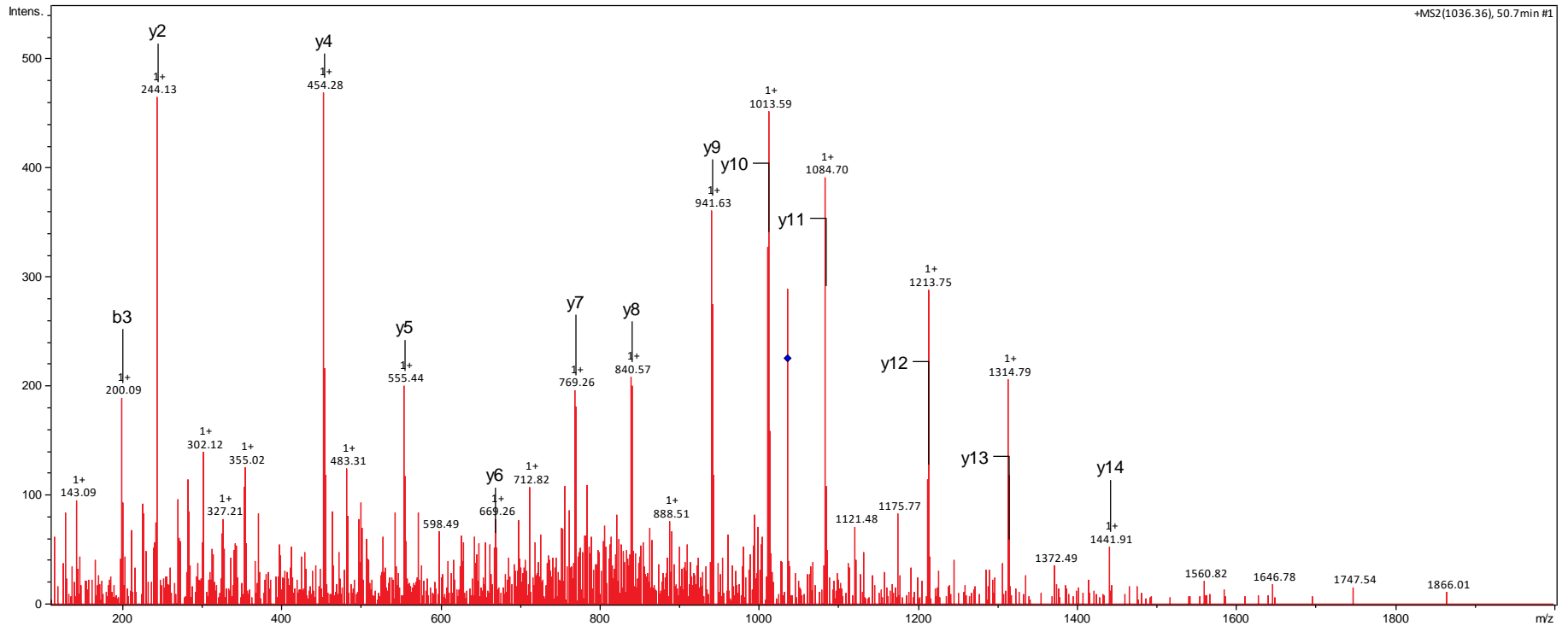


SCO Number	SCO3540
Precursor m/z	954.489
Charge	2
Retention time	57.4
Scan number	31744
Hex on peptide	2
e-value	0.0002
Site allocated?	N
Method	HCD_IT

A A G A T E A A T A T L T P L P K

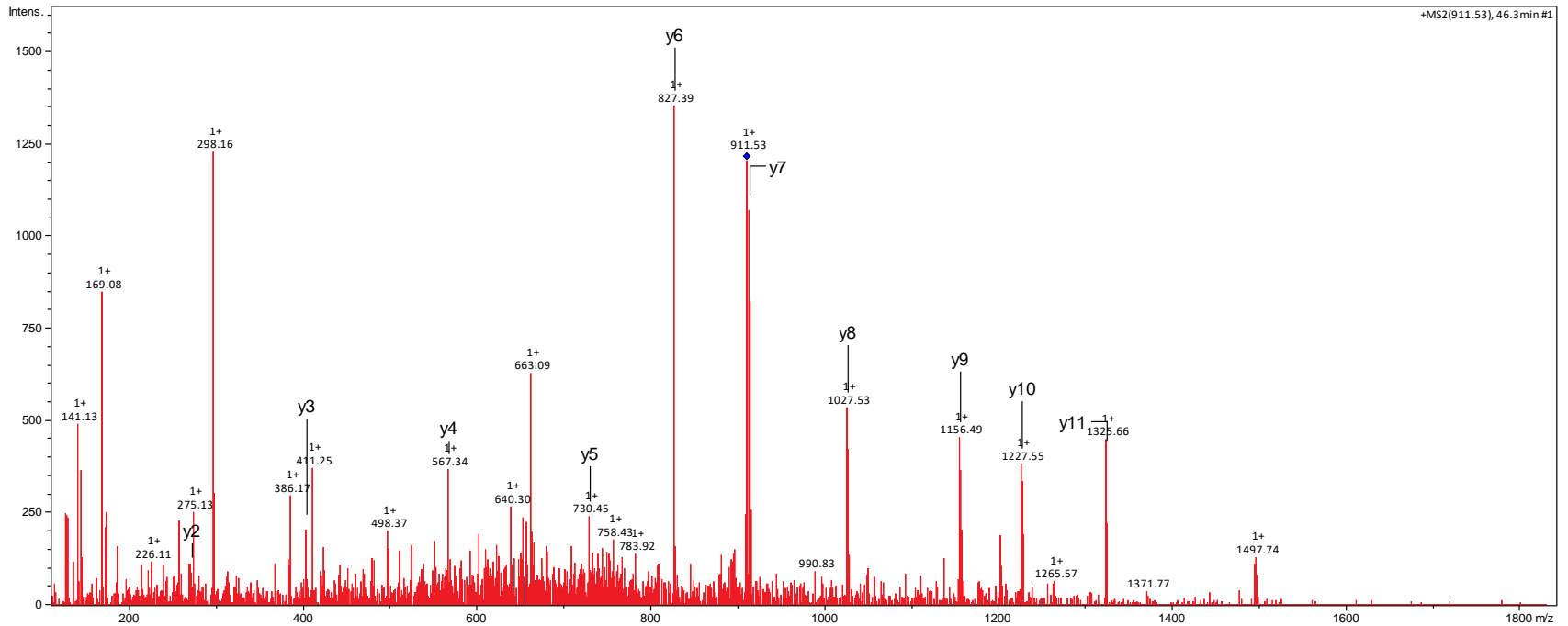


SCO Number	SCO3540
Precursor m/z	1035.5149
Charge	2
Retention time	50.7
Scan number	26747
Hex on peptide	3
e-value	0.000022
Site allocated?	N
Method	HCD_IT

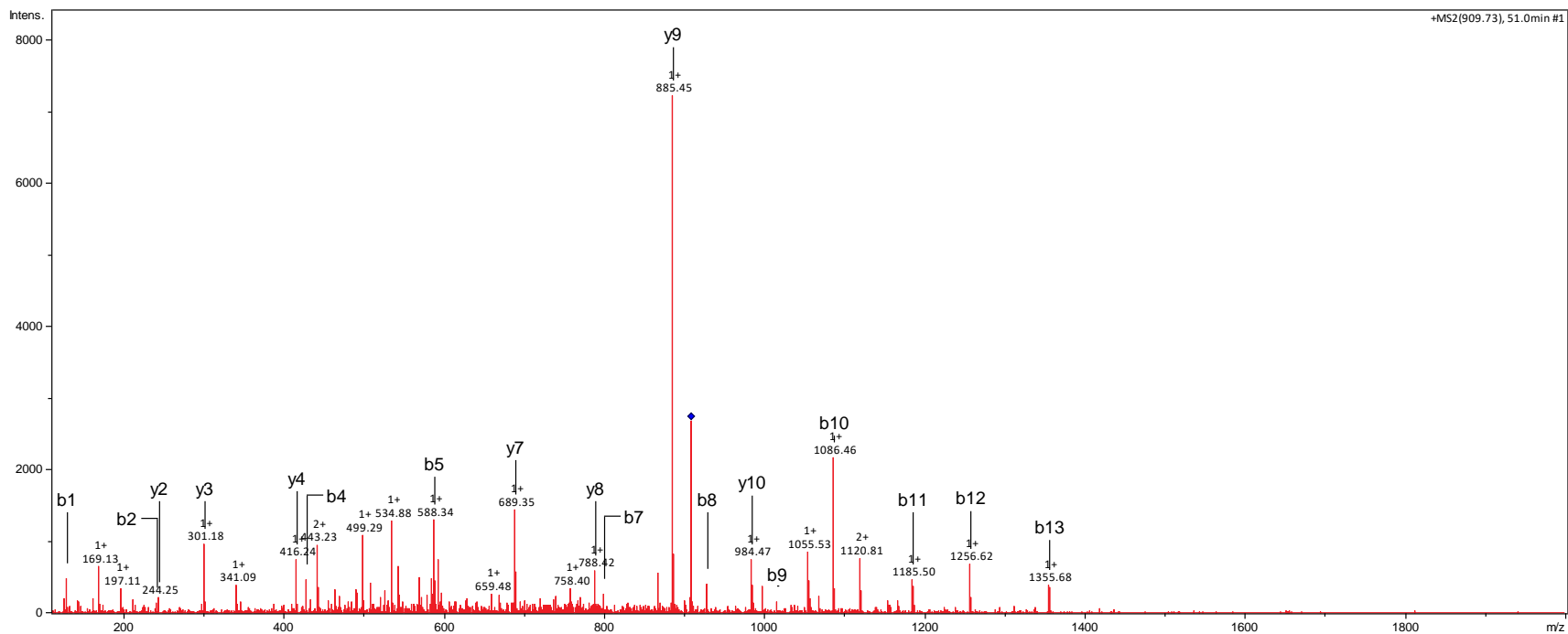


SCO Number	SCO3540
Precursor m/z	910.9199
Charge	2
Retention time	46.3
Scan number	23511
Hex on peptide	2
e-value	0.00039
Site allocated?	N
Method	HCD_IT

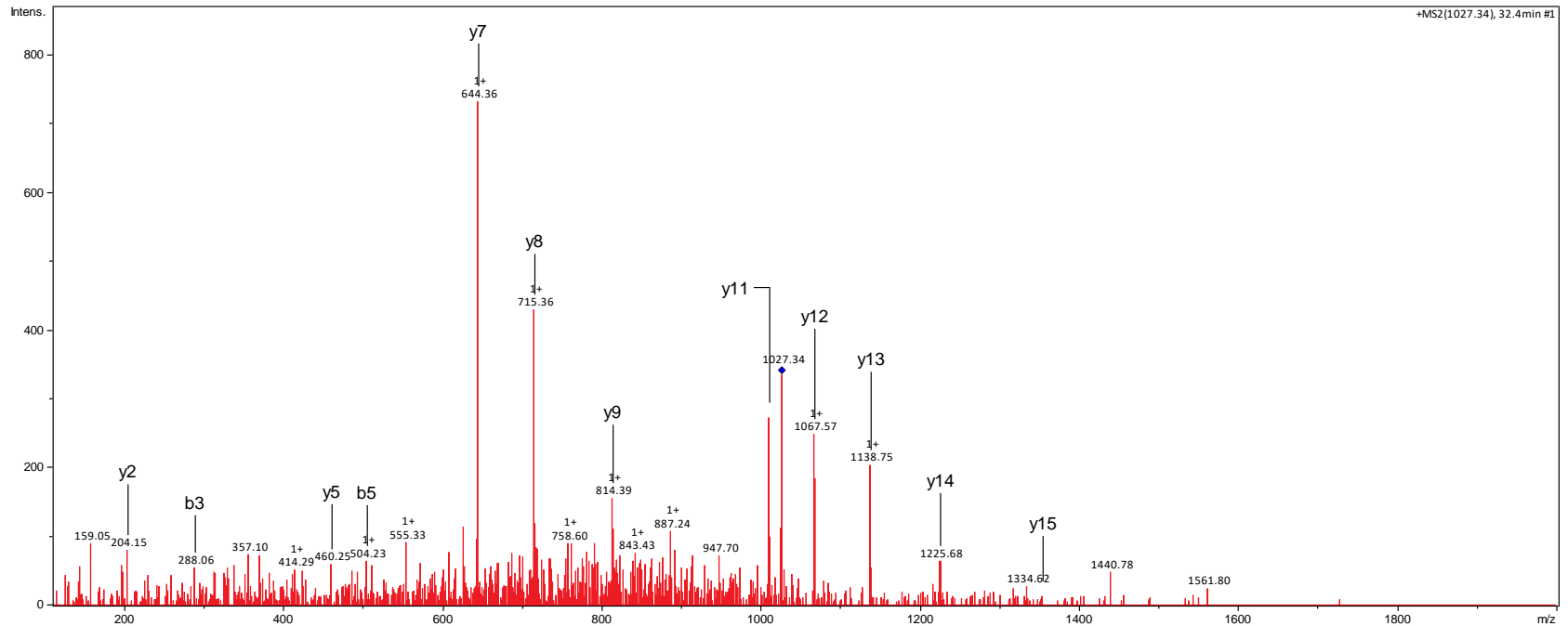
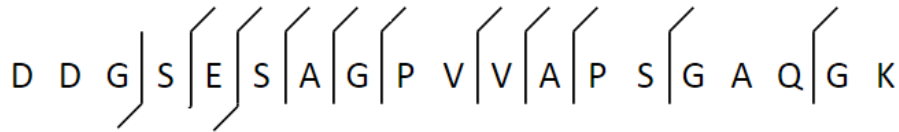
A T P A E L S P Y Y E Q K



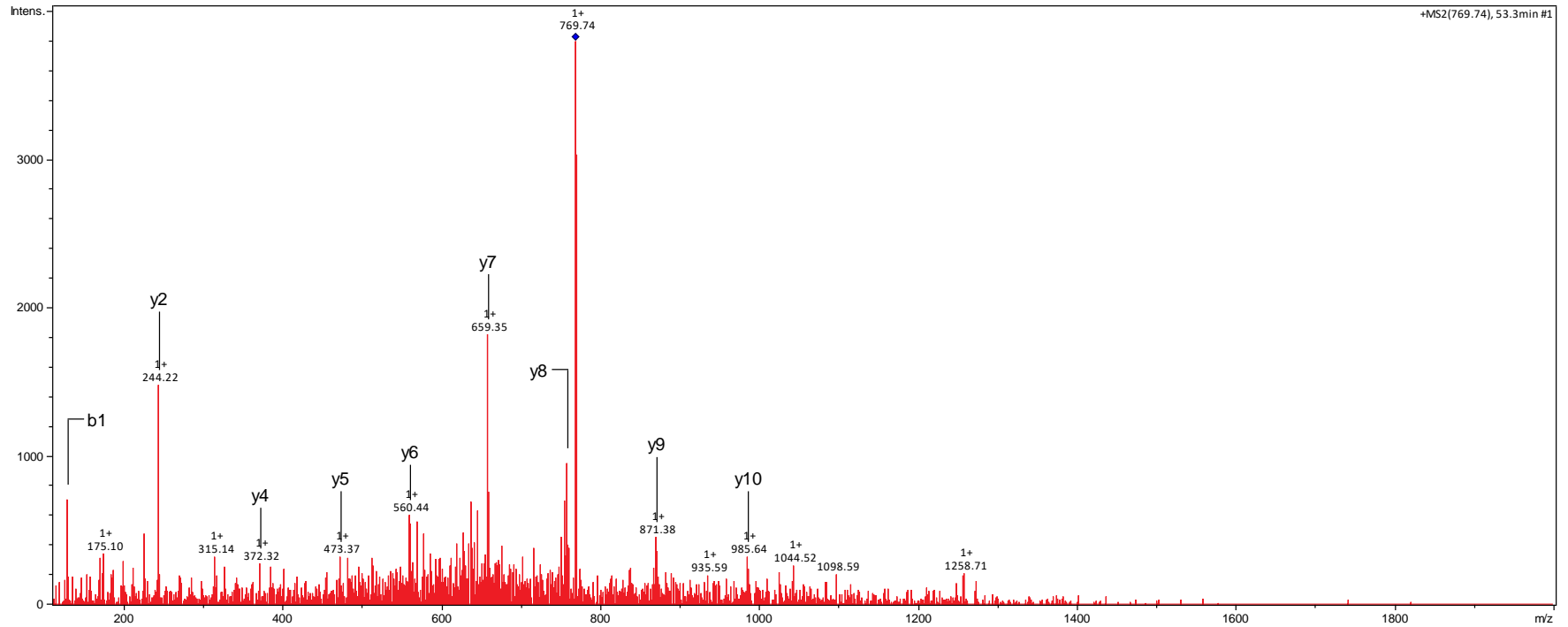
SCO Number	SCO2096
Precursor m/z	909.4205
Charge	3
Retention time	51
Scan number	26945
Hex on peptide	3
e-value	0.0059
Site allocated?	N
Method	HCD_IT



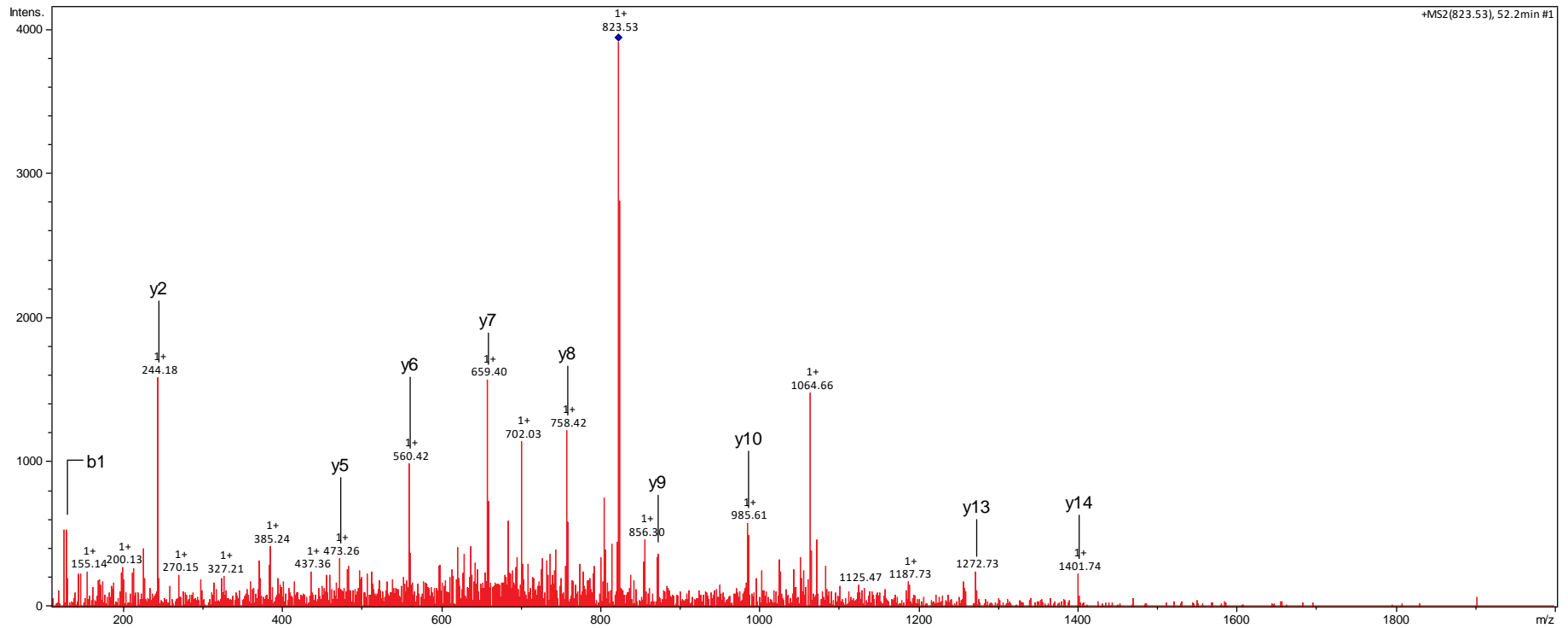
SCO Number	SCO2035
Precursor m/z	1026.959
Charge	2
Retention time	32.4
Scan number	14239
Hex on peptide	2
e-value	0.0066
Site allocated?	N
Method	HCD_IT



SCO Number	SCO3848
Precursor m/z	769.7249
Charge	3
Retention time	53.3
Scan number	28662
Hex on peptide	1
e-value	0.00047
Site allocated?	N
Method	HCD_IT

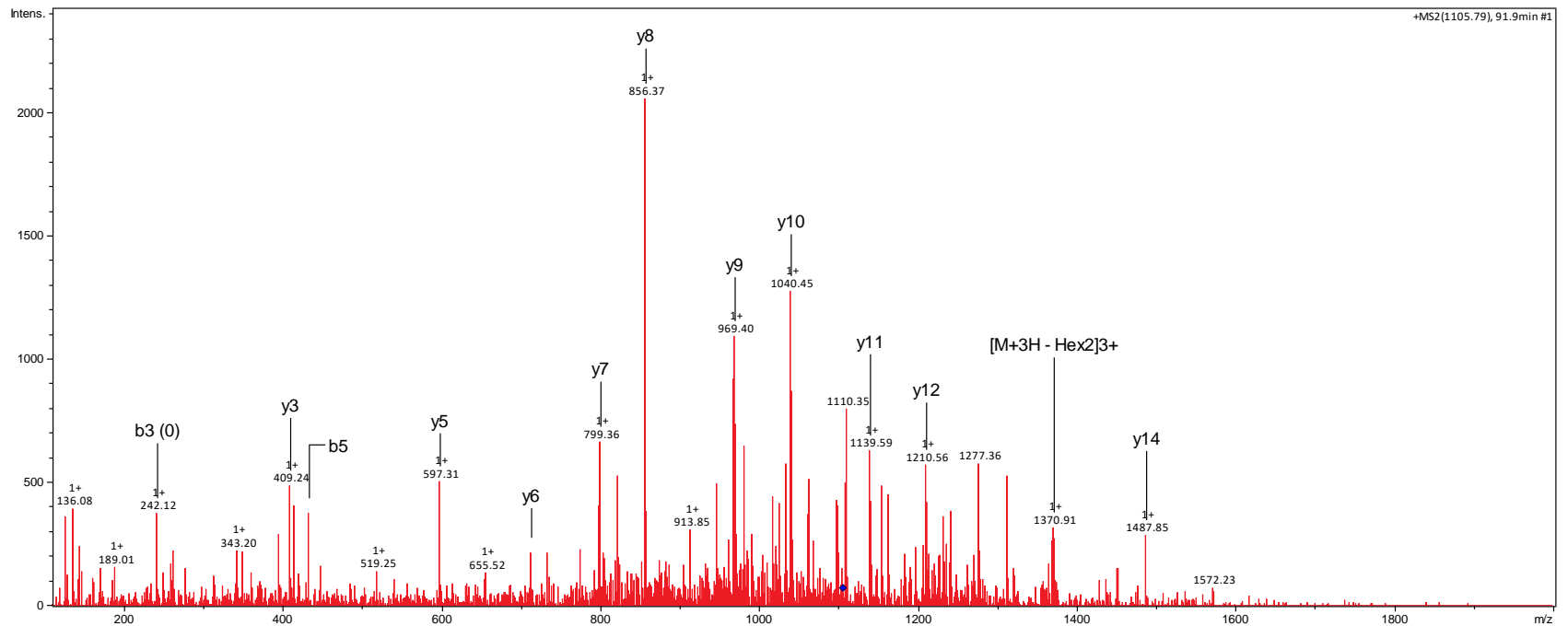


SCO Number	SCO3848
Precursor m/z	823.7414
Charge	3
Retention time	52.2
Scan number	27876
Hex on peptide	2
e-value	0.00053
Site allocated?	N
Method	HCD_IT



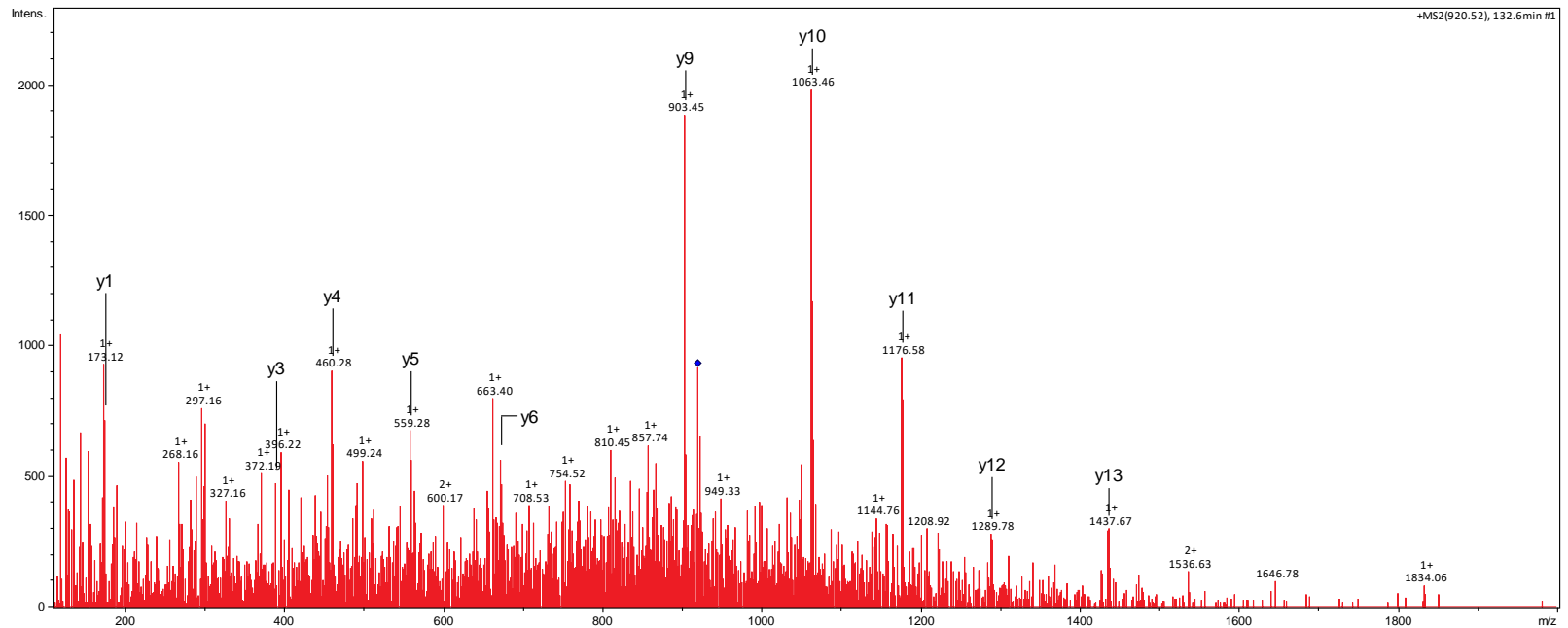
SCO Number	SCO4130
Precursor m/z	1109.5142
Charge	4
Retention time	91.9
Scan number	58511
Hex on peptide	2
e-value	0.00036
Site allocated?	N
Method	HCD_IT

T S A T A P S G T R P V Q S G F A H D A Q G A Q S A A A N Y A V A L G S D G M F D K



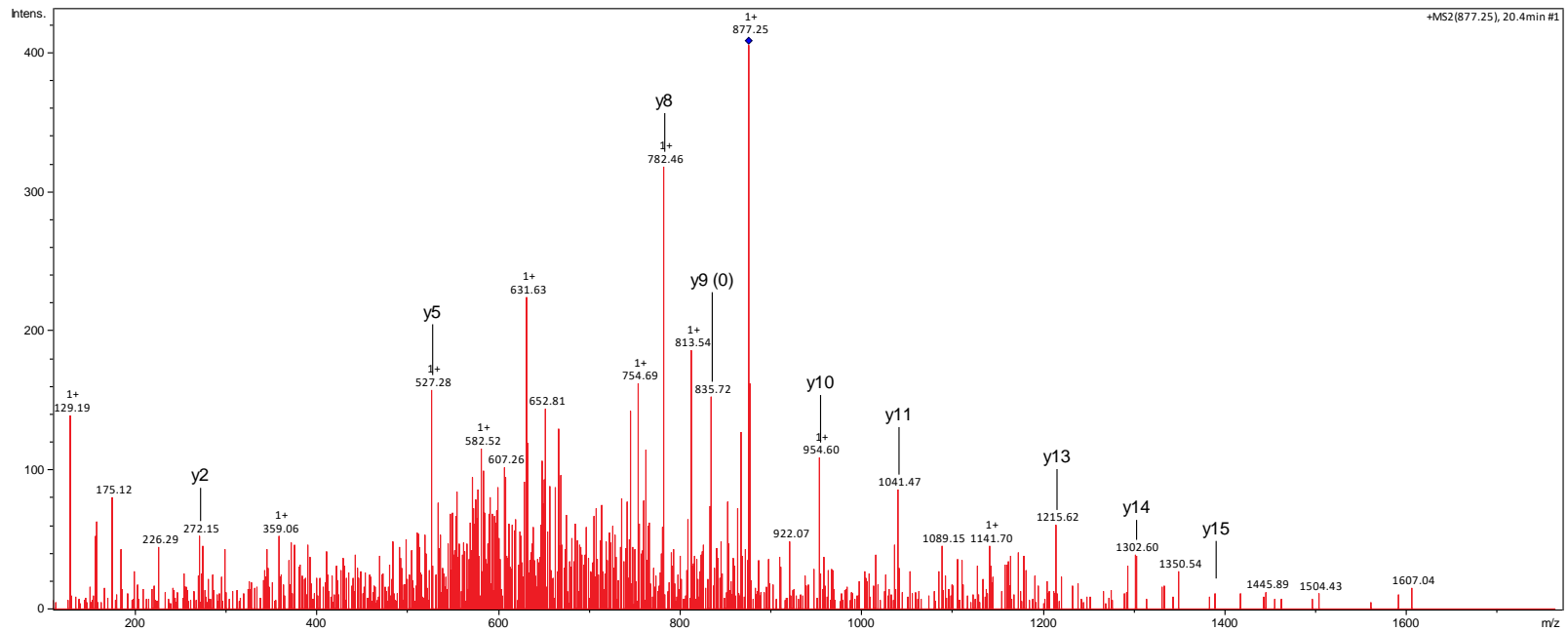
SCO Number	SCO4905
Precursor m/z	919.7954
Charge	3
Retention time	132.6
Scan number	4335
Hex on peptide	3
e-value	0.024
Site allocated?	N
Method	HCD_IT

A T P G L P A Q V F L L C G S S L V A V D R

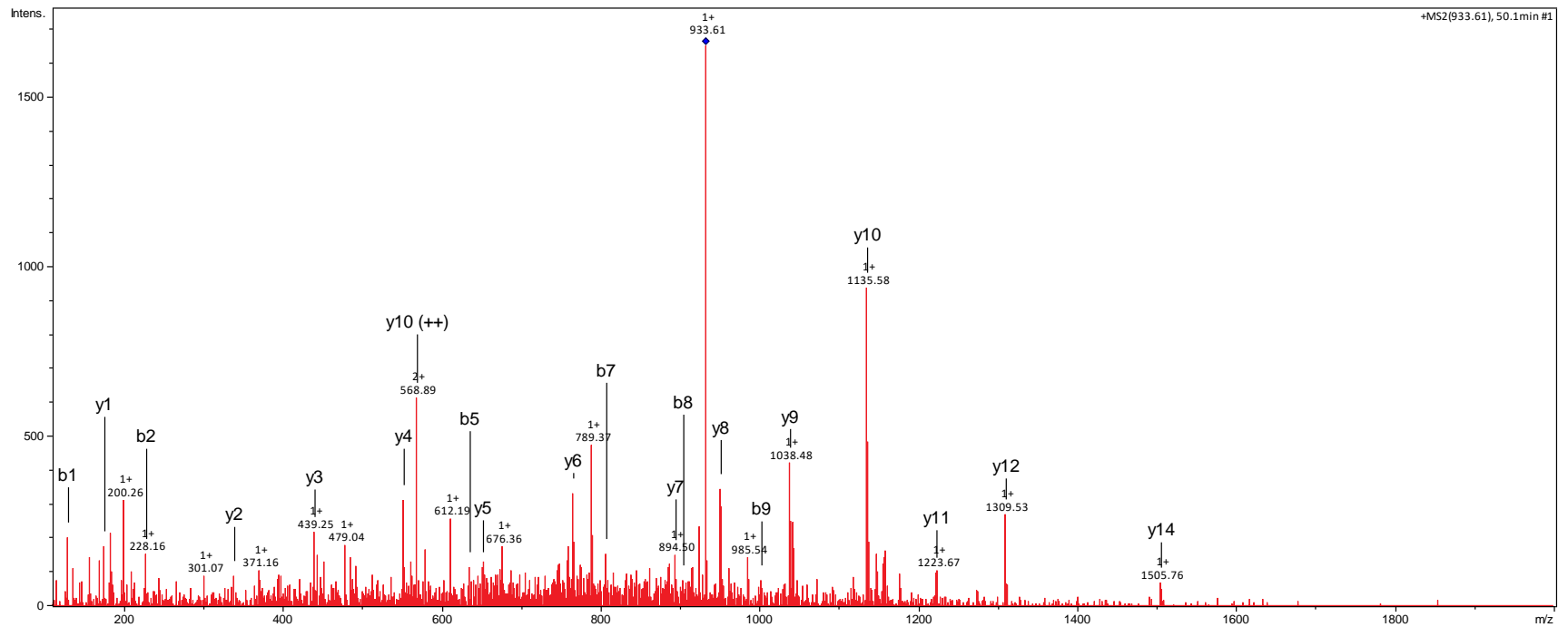
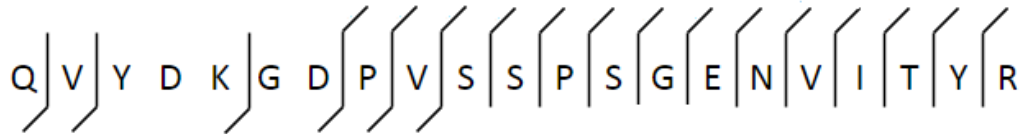


SCO Number	SCO4548
Precursor m/z	877.4079
Charge	2
Retention time	20.4
Scan number	6204
Hex on peptide	3
e-value	0.00042
Site allocated?	N
Method	HCD_IT

T T | S | S | S | S | S | T | A | P | S | A | P | S | A | P | R



SCO Number	SCO3357
Precursor m/z	933.099
Charge	3
Retention time	50.1
Scan number	26320
Hex on peptide	3
e-value	0.0023
Site allocated?	N
Method	HCD_IT



SCO Number	SCO3891
Precursor m/z	938.9214
Charge	2
Retention time	45.6
Scan number	22941
Hex on peptide	2
e-value	0.00091
Site allocated?	N
Method	HCD_IT

