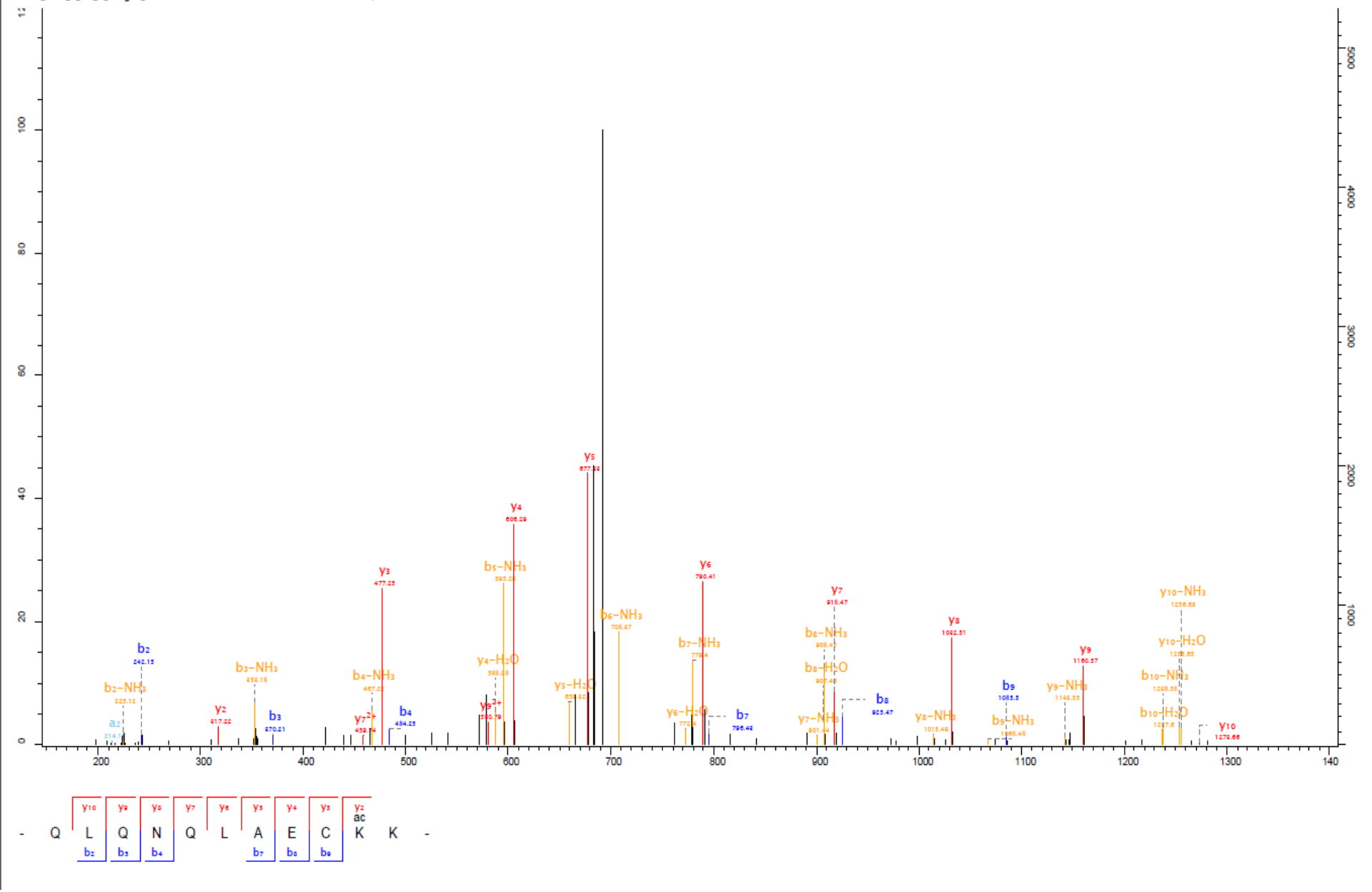
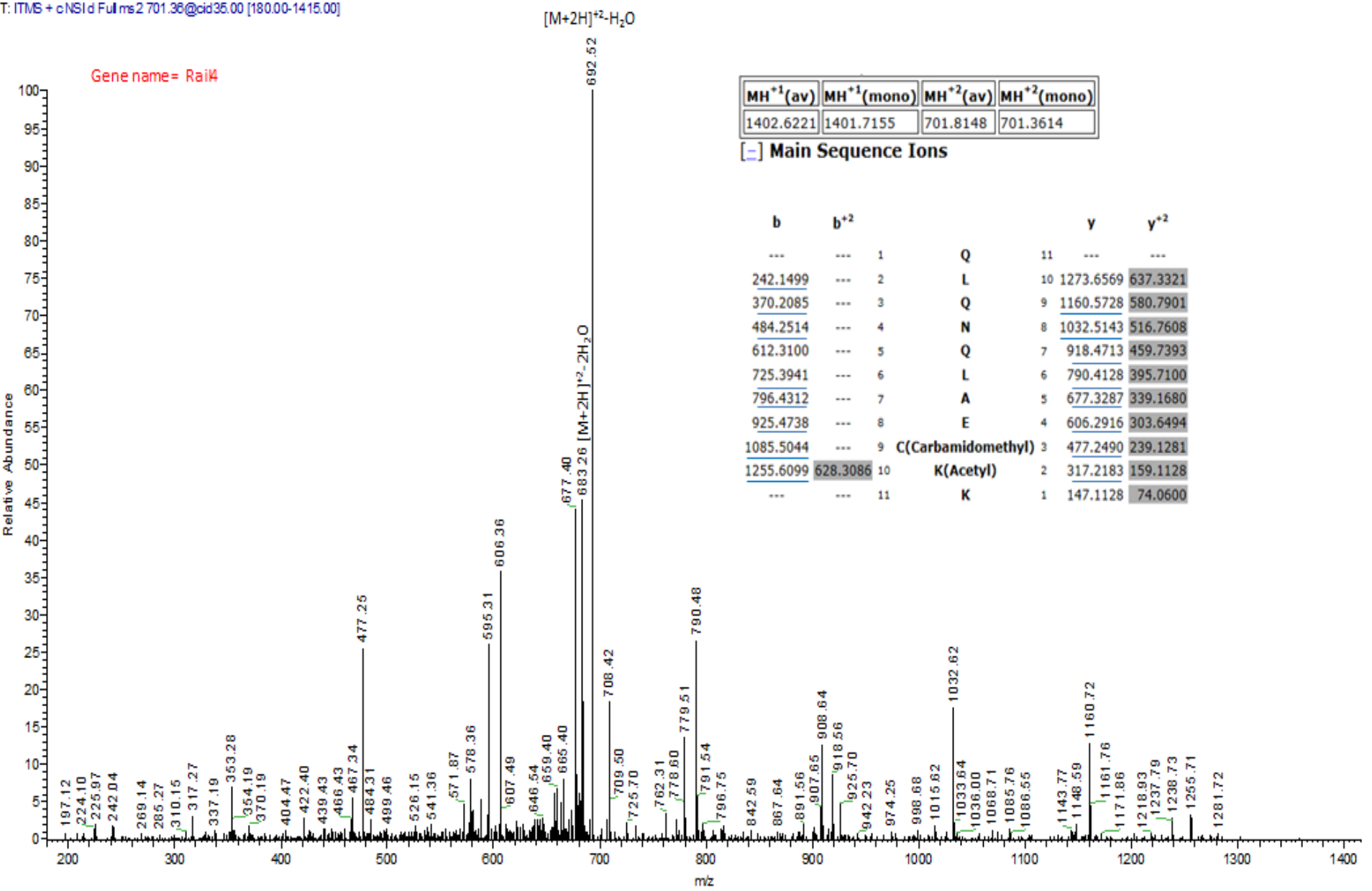
Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_4_Vargas_Enriched	13626	ITMS; CID	196.67	701.36	Rai14



062513_SCW_II_53_4_Vargas_Enrichec #13626 RT: 64.44 AV: 1 NL: 4.42E3
T: ITMS + cNSI d Full ms2 701.36@cid35.00 [180.00-1415.00]

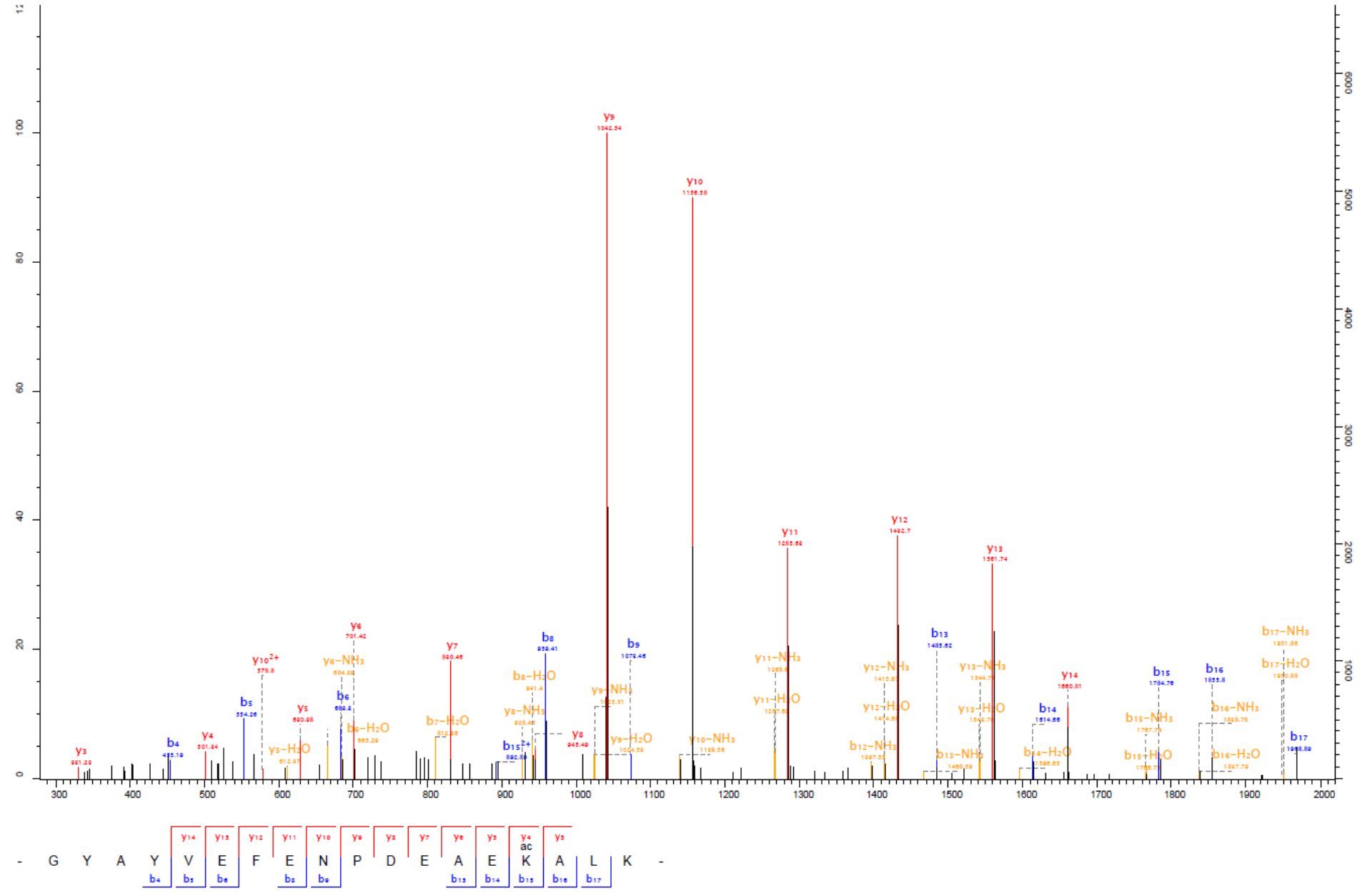


MH+1(av)	MH+1(mono)	MH+2(av)	MH+2(mono)
1402.6221	1401.7155	701.8148	701.3614

[–] Main Sequence Ions

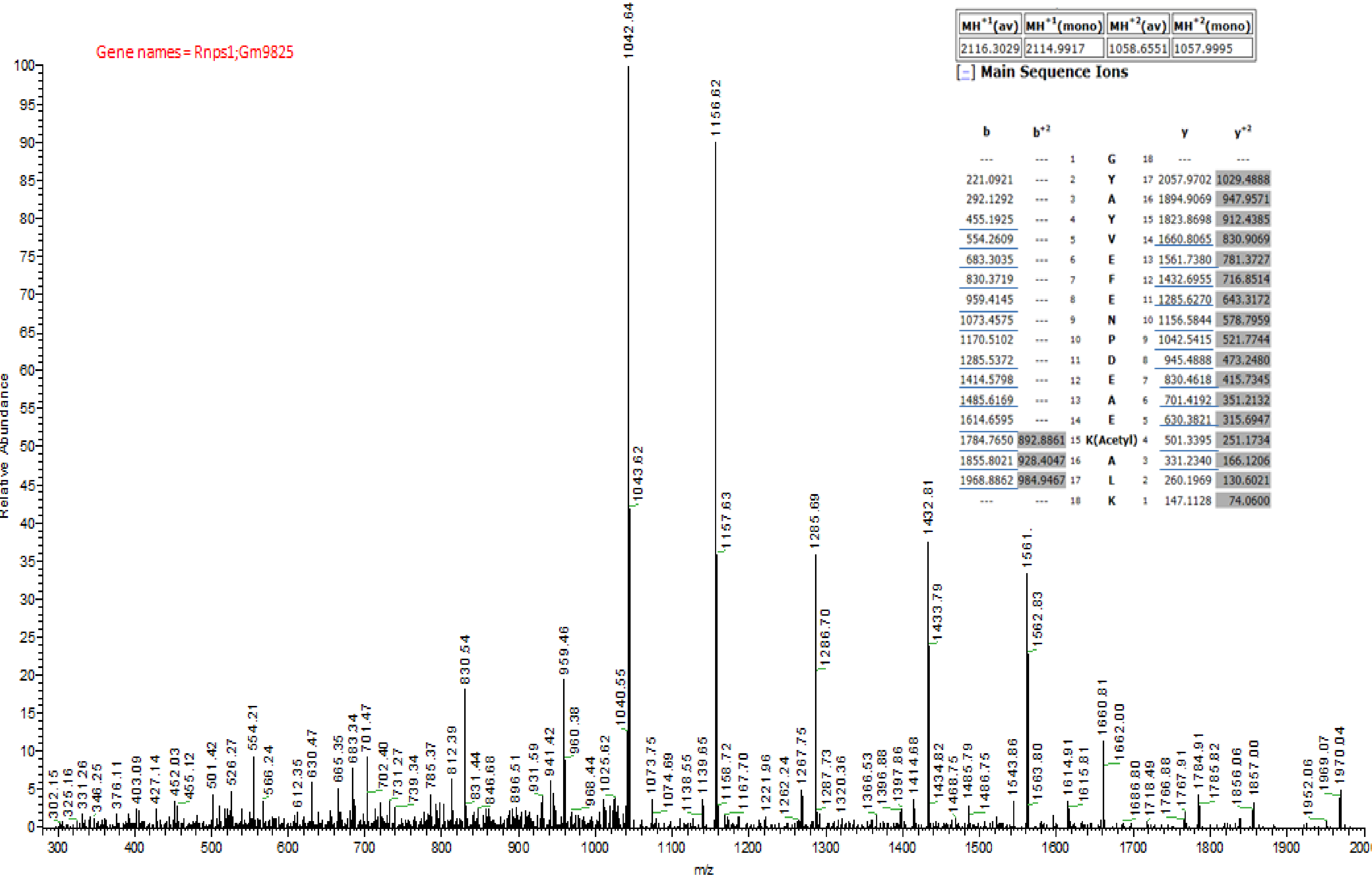
b	b+2				y	y+2
---	---	1	Q	11	---	---
242.1499	---	2	L	10	1273.6569	637.3321
370.2085	---	3	Q	9	1160.5728	580.7901
484.2514	---	4	N	8	1032.5143	516.7608
612.3100	---	5	Q	7	918.4713	459.7393
725.3941	---	6	L	6	790.4128	395.7100
796.4312	---	7	A	5	677.3287	339.1680
925.4738	---	8	E	4	606.2916	303.6494
1085.5044	---	9	C(Carbamidomethyl)	3	477.2490	239.1281
1255.6099	628.3086	10	K(Acetyl)	2	317.2183	159.1128
---	---	11	K	1	147.1128	74.0600

Raw file	Scan	Method	Score	m/z	Gene names
050813_SCW_II_29_16_3	19465	ITMS; CID	242.67	1058.5	Rnps1;Gm9825



- G Y A Y V E F E N P D E A E K ac A L K -

50813_SCW_II_29_16_3 #19465 RT: 87.15 AV: 1 NL: 5.50E3
T: ITMS + c NSI d Full ms2 1058.50@cid35.00 [280.00-2000.00]

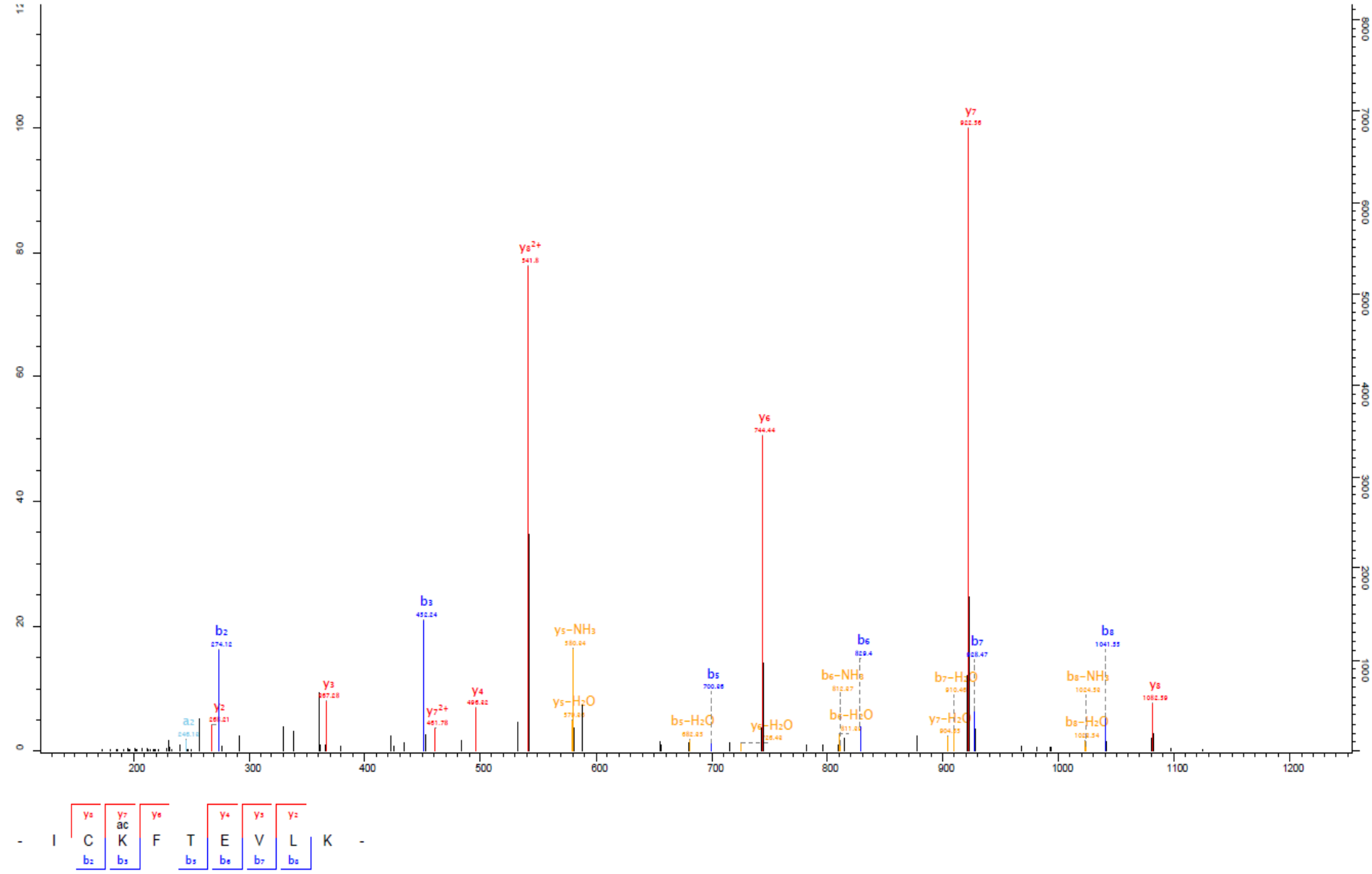


MH⁺¹(av)	MH⁺¹(mono)	MH⁺²(av)	MH⁺²(mono)
2116.3029	2114.9917	1058.6551	1057.9995

[-] **Main Sequence Ions**

b	b^{+2}				y	y^{+2}
---	---	1	G	18	---	---
221.0921	---	2	Y	17	2057.9702	1029.4888
292.1292	---	3	A	16	1894.9069	947.9571
455.1925	---	4	Y	15	1823.8698	912.4385
554.2609	---	5	V	14	1660.8065	830.9069
683.3035	---	6	E	13	1561.7380	781.3727
830.3719	---	7	F	12	1432.6955	716.8514
959.4145	---	8	E	11	1285.6270	643.3172
1073.4575	---	9	N	10	1156.5844	578.7959
1170.5102	---	10	P	9	1042.5415	521.7744
1285.5372	---	11	D	8	945.4888	473.2480
1414.5798	---	12	E	7	830.4618	415.7345
1485.6169	---	13	A	6	701.4192	351.2132
1614.6595	---	14	E	5	630.3821	315.6947
1784.7650	892.8861	15	K(Acetyl)	4	501.3395	251.1734
1855.8021	928.4047	16	A	3	331.2340	166.1206
1968.8862	984.9467	17	L	2	260.1969	130.6021
---	---	18	K	1	147.1128	74.0600

Raw file	Scan	Method	Score	m/z	Gene names
052413_SCW_II_29_Second_ZT_19_4	13298	ITMS; CID	151.83	598.34	Rpl13a



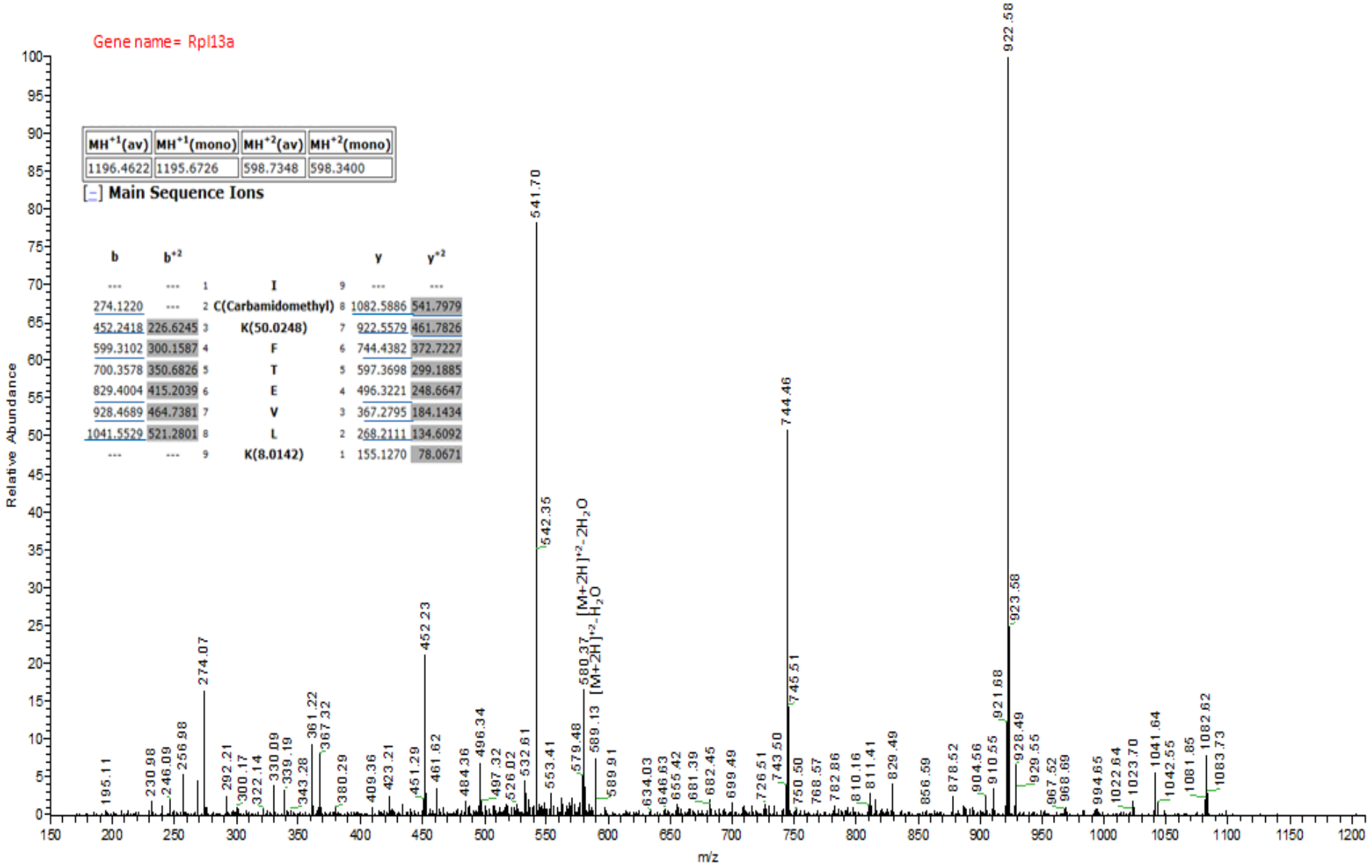
052413_SCW_II_29_Second_ZT_19_4 #13298 RT: 75.54 AV: 1 NL: 6.81E3
T: ITMS + c NSI d Full ms2 598.34@cid35.00 [150.00-1210.00]

Gene name= Rpl13a

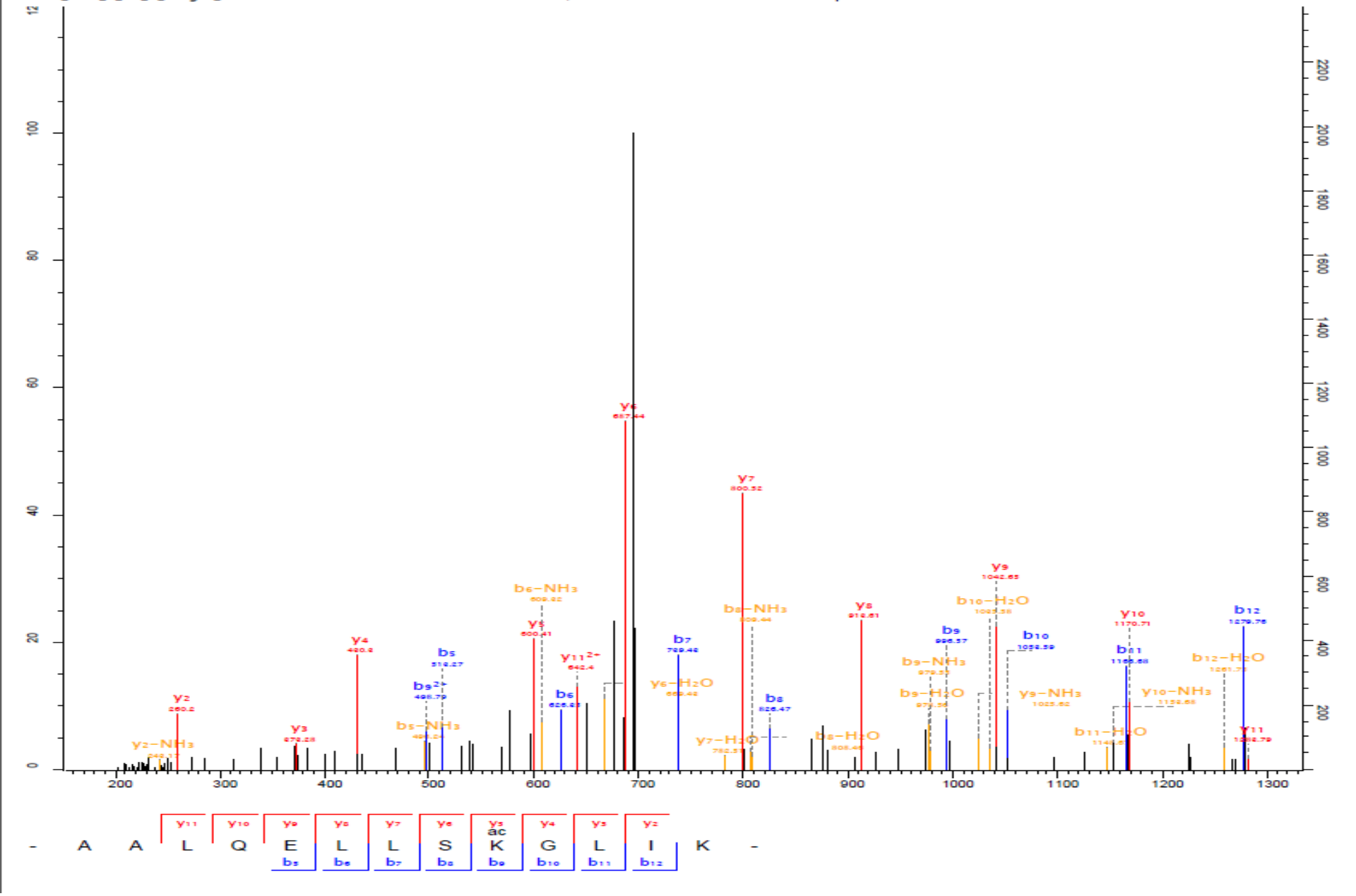
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1196.4622	1195.6726	598.7348	598.3400

[–] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	I	9	---	---
274.1220	---	2	C(Carbamidomethyl)	8	1082.5886	541.7979
452.2418	226.6245	3	K(50.0248)	7	922.5579	461.7826
599.3102	300.1587	4	F	6	744.4382	372.7227
700.3578	350.6826	5	T	5	597.3698	299.1885
829.4004	415.2039	6	E	4	496.3221	248.6647
928.4689	464.7381	7	V	3	367.2795	184.1434
1041.5529	521.2801	8	L	2	268.2111	134.6092
---	---	9	K(8.0142)	1	155.1270	78.0671



Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_4_Vargas_Enriched	24546	ITMS; CID	141.59	713.44	Rps25



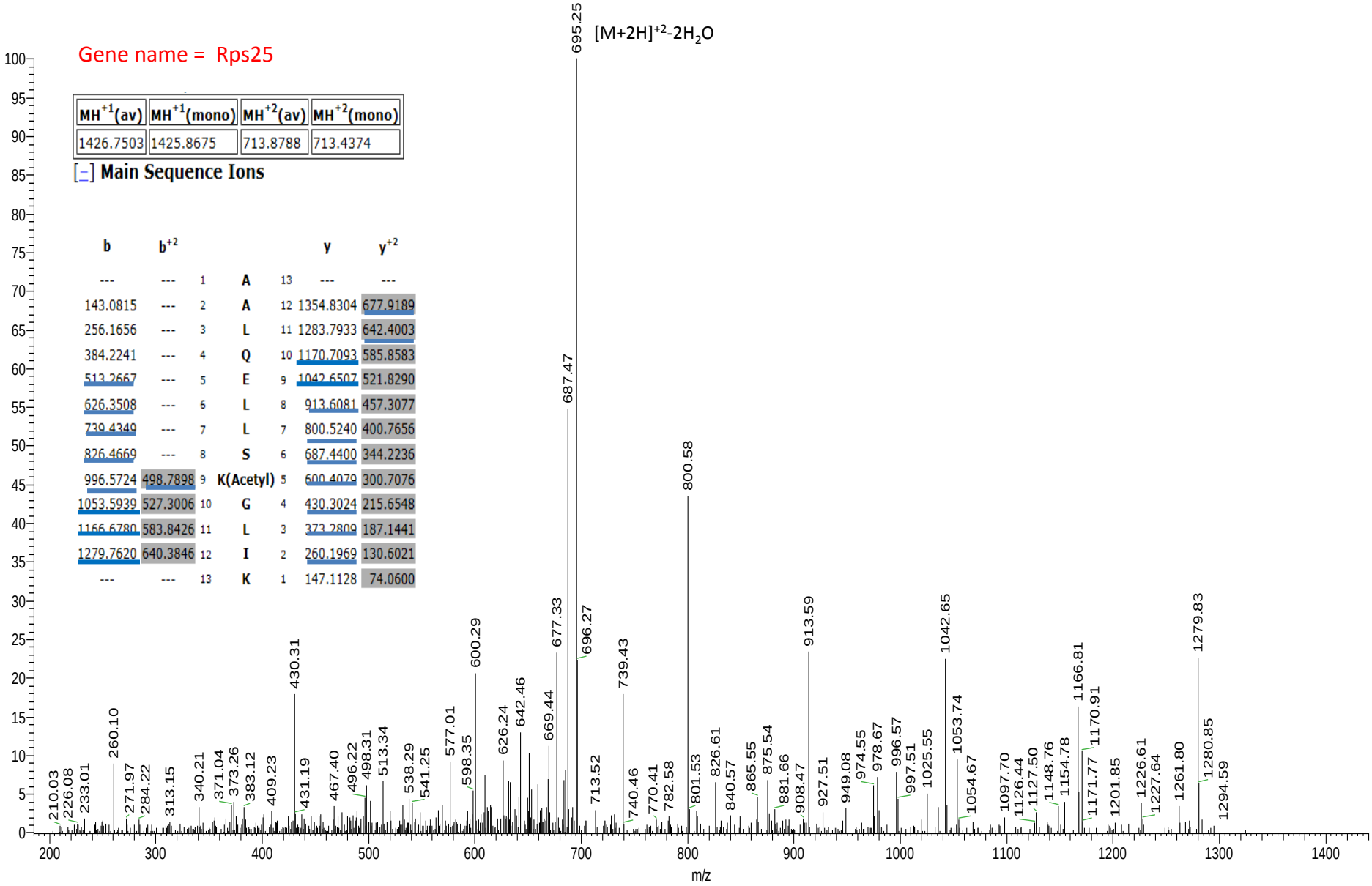
062513_SCW_II_53_4_Vargas_Enriched #24546 RT: 104.69 AV: 1 NL: 1.98E3
T: ITMS + c NSI d Full ms2 713.44@cid35.00 [185.00-1440.00]

Gene name = Rps25

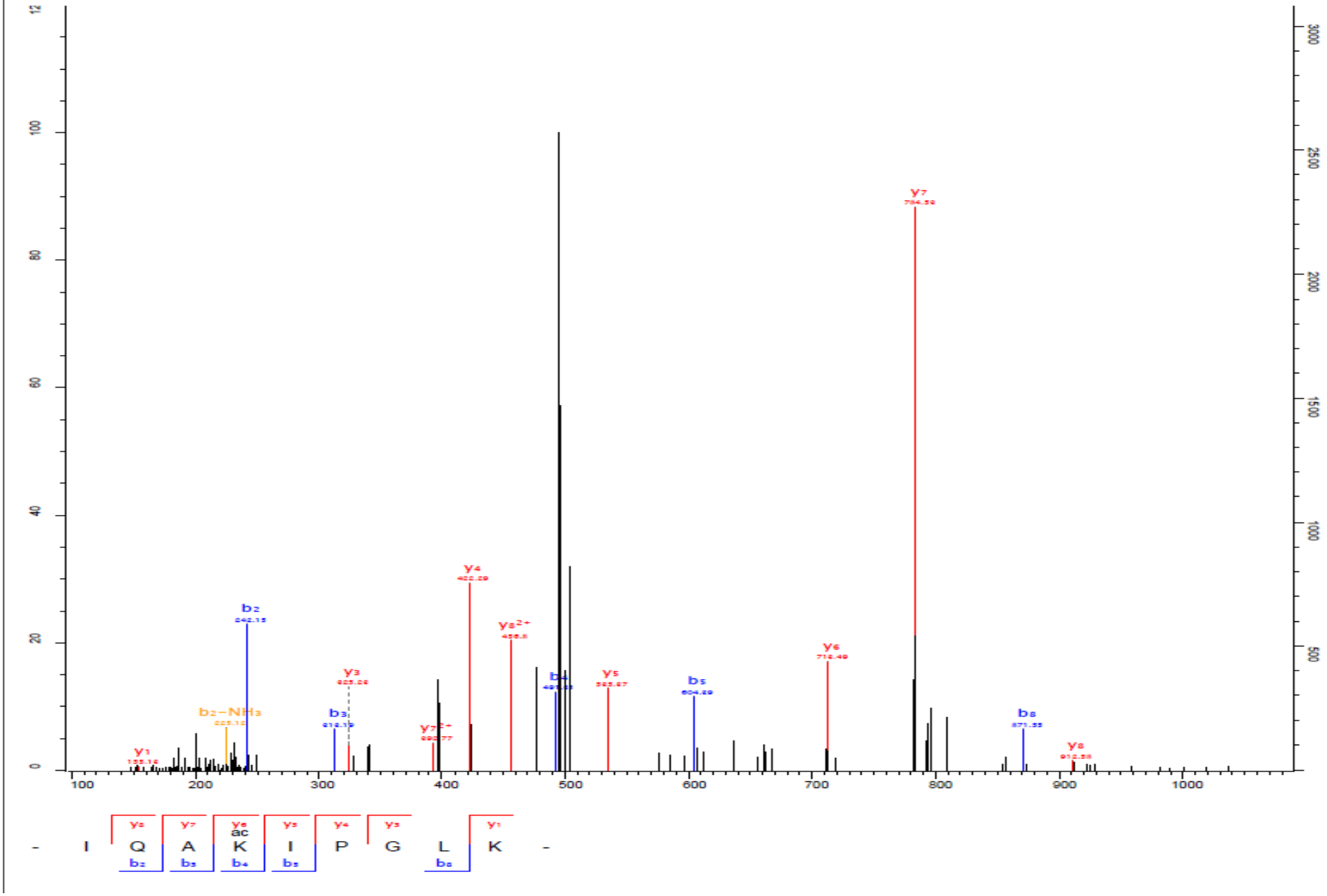
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1426.7503	1425.8675	713.8788	713.4374

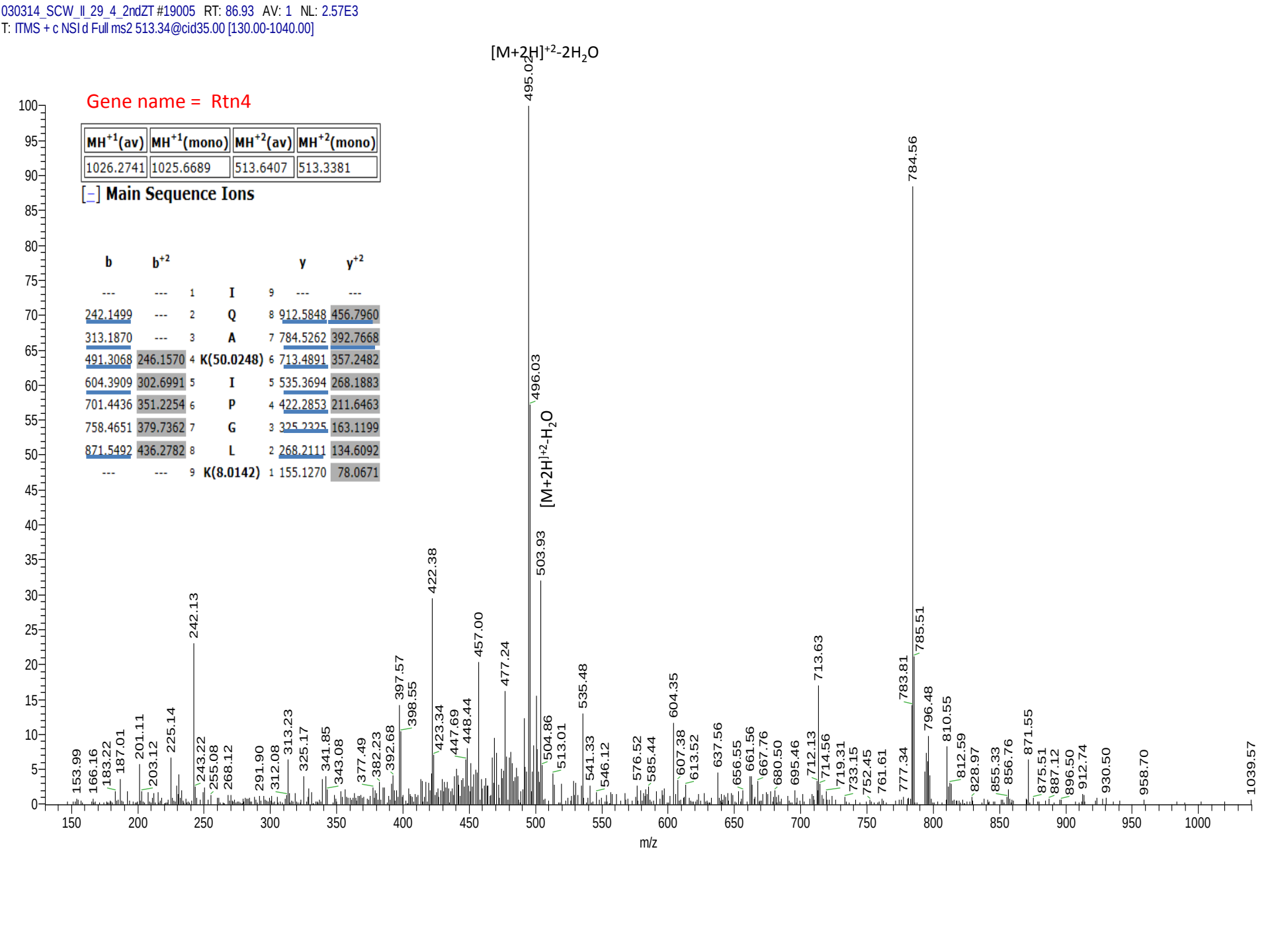
[-] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	A	13	---	---
143.0815	---	2	A	12	1354.8304	677.9189
256.1656	---	3	L	11	1283.7933	642.4003
384.2241	---	4	Q	10	1170.7093	585.8583
513.2667	---	5	E	9	1042.6507	521.8290
626.3508	---	6	L	8	913.6081	457.3077
739.4349	---	7	L	7	800.5240	400.7656
826.4669	---	8	S	6	687.4400	344.2236
996.5724	498.7898	9	K(Acetyl)	5	600.4079	300.7076
1053.5939	527.3006	10	G	4	430.3024	215.6548
1166.6780	583.8426	11	L	3	373.2809	187.1441
1279.7620	640.3846	12	I	2	260.1969	130.6021
---	---	13	K	1	147.1128	74.0600

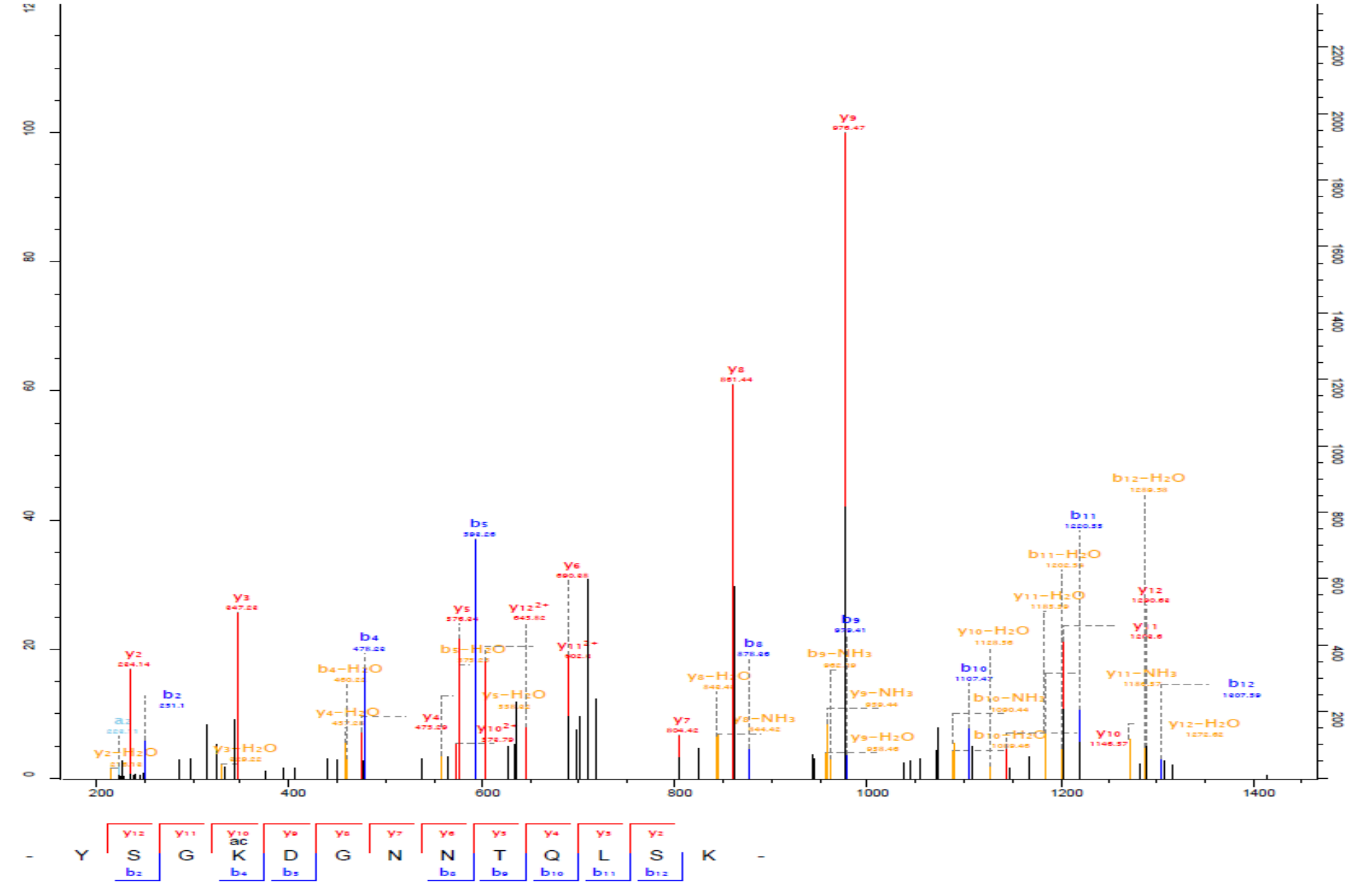


Raw file	Scan	Method	Score	m/z	Gene names
030314_SCW_II_29_4_2ndZT	19005	ITMS; CID	91.87	513.34	Rtn4




030314_SCW_II_29_4_2ndZT #19005 RT: 86.93 AV: 1 NL: 2.57E3
T: ITMS + c NSI d Full ms2 513.34@cid35.00 [130.00-1040.00]
[M+2H]+2-2H2O
Gene name = Rtn4
MH+1(av) MH+1(mono) MH+2(av) MH+2(mono)
1026.2741 1025.6689 513.6407 513.3381
[-] Main Sequence Ions
b b+2 y y+2
--- --- 1 I 9 --- ---
242.1499 --- 2 Q 8 912.5848 456.7960
313.1870 --- 3 A 7 784.5262 392.7668
491.3068 246.1570 4 K(50.0248) 6 713.4891 357.2482
604.3909 302.6991 5 I 5 535.3694 268.1883
701.4436 351.2254 6 P 4 422.2853 211.6463
758.4651 379.7362 7 G 3 325.2325 163.1199
871.5492 436.2782 8 L 2 268.2111 134.6092
--- --- 9 K(8.0142) 1 155.1270 78.0671
[M+2H]+2-H2O
m/z

Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_5_Vargas_Enriched	11759	ITMS; CID	230.69	727.35	S100a11



-	Y	S	G	K	D	G	N	N	T	Q	L	S	K	-
		b_2		b_4	b_5			b_8	b_9	b_{10}	b_{11}	b_{12}		
		y_{12}	y_{11}	y_{10} ac	y_9	y_8	y_7	y_6	y_5	y_4	y_3	y_2		

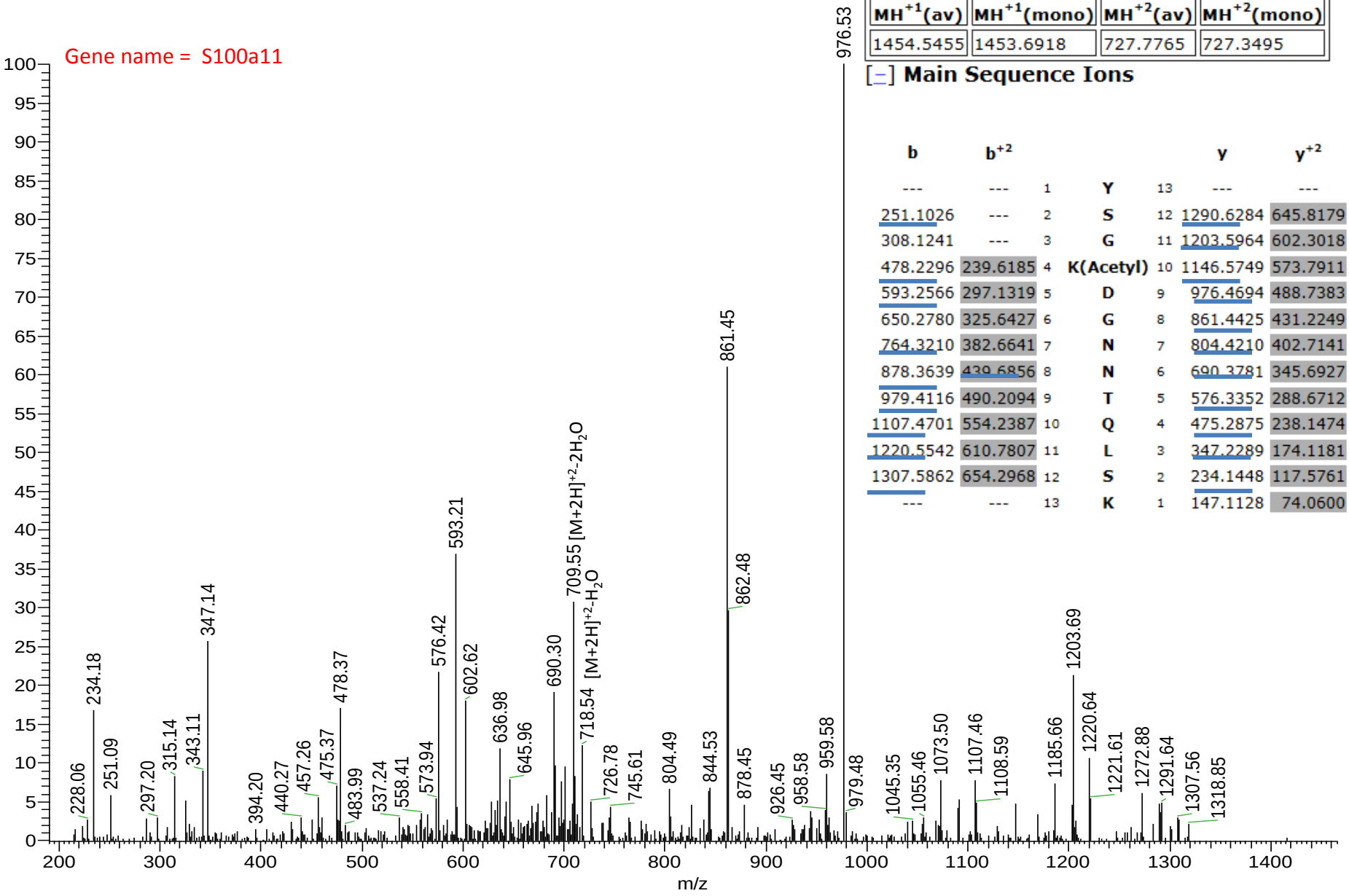
062513_SCW_II_53_5_Vargas_Enriched #11759 RT: 54.68 AV: 1 NL: 1.94E3
T: ITMS + c NSI d Full ms2 727.35@cid35.00 [190.00-1465.00]

Gene name = S100a11

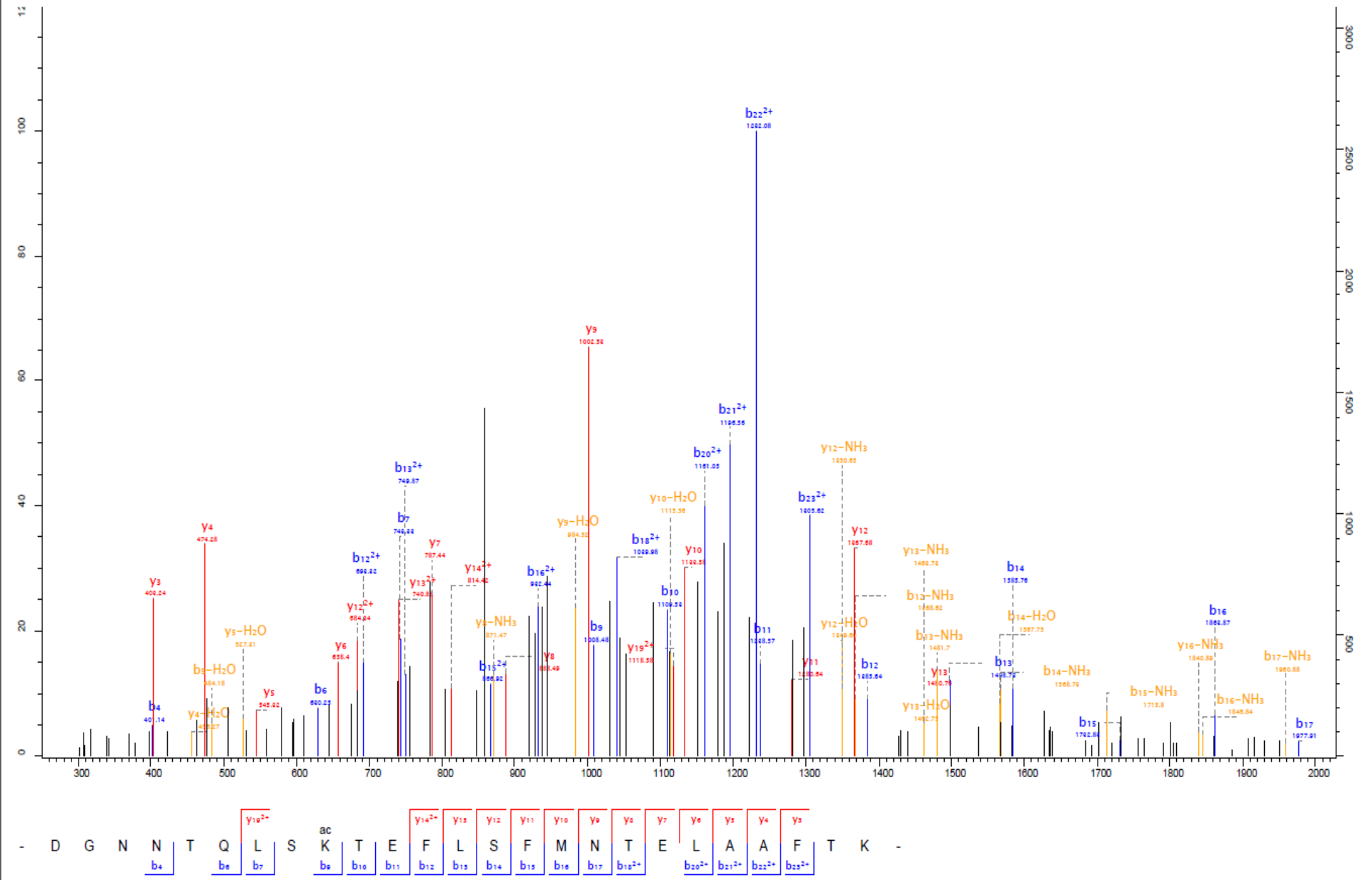
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1454.5455	1453.6918	727.7765	727.3495

[–] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	Y	13	---	---
251.1026	---	2	S	12	1290.6284	645.8179
308.1241	---	3	G	11	1203.5964	602.3018
478.2296	239.6185	4	K(Acetyl)	10	1146.5749	573.7911
593.2566	297.1319	5	D	9	976.4694	488.7383
650.2780	325.6427	6	G	8	861.4425	431.2249
764.3210	382.6641	7	N	7	804.4210	402.7141
878.3639	439.6856	8	N	6	690.3781	345.6927
979.4116	490.2094	9	T	5	576.3352	288.6712
1107.4701	554.2387	10	Q	4	475.2875	238.1474
1220.5542	610.7807	11	L	3	347.2289	174.1181
1307.5862	654.2968	12	S	2	234.1448	117.5761
---	---	13	K	1	147.1128	74.0600



Raw file	Scan	Method	Score	m/z	Gene names
050713_SCW_II_29_25_6	31058	ITMS; CID	196.92	956.14	S100a11



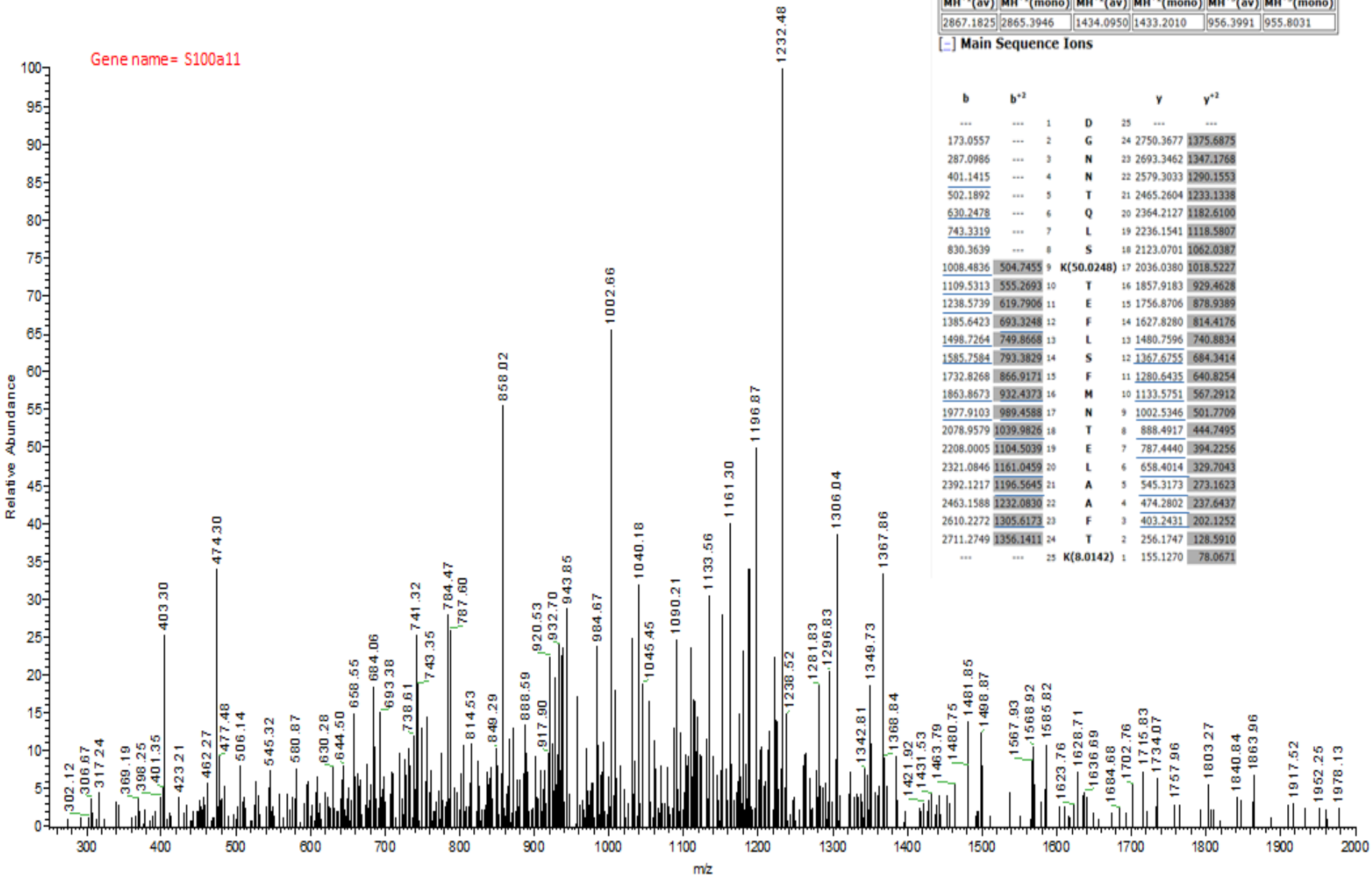
050713_SCW_II_29_25_f #31058 RT: 122.52 AV: 1 NL: 2.58E3
T: ITMS + cNSI d Full ms2 956.14@cid35.00 [250.00-2000.00]

Gene name= S100a11

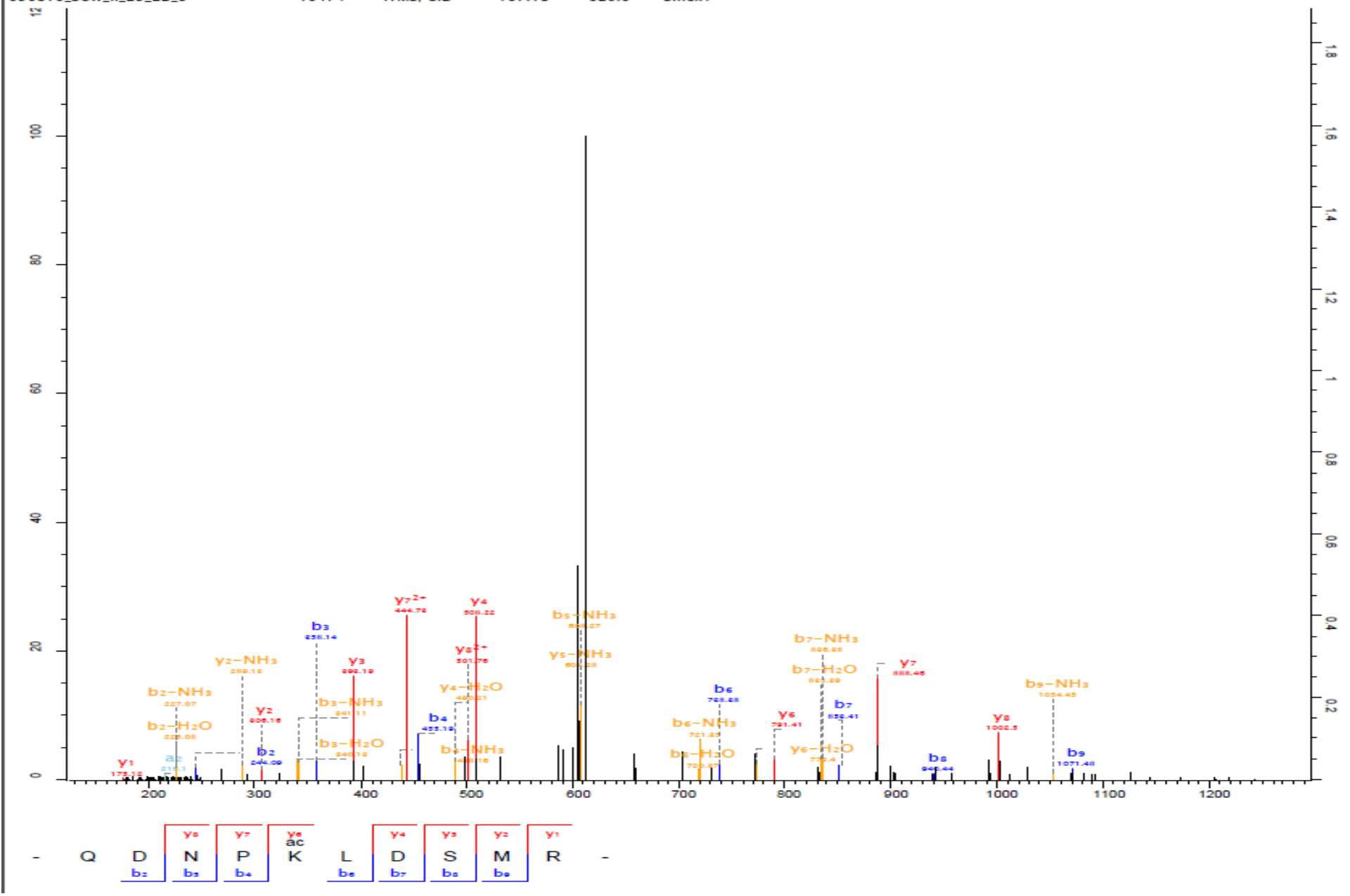
MH+1(av)	MH+1(mono)	MH+2(av)	MH+2(mono)	MH+3(av)	MH+3(mono)
2867.1825	2865.3946	1434.0950	1433.2010	956.3991	955.8031

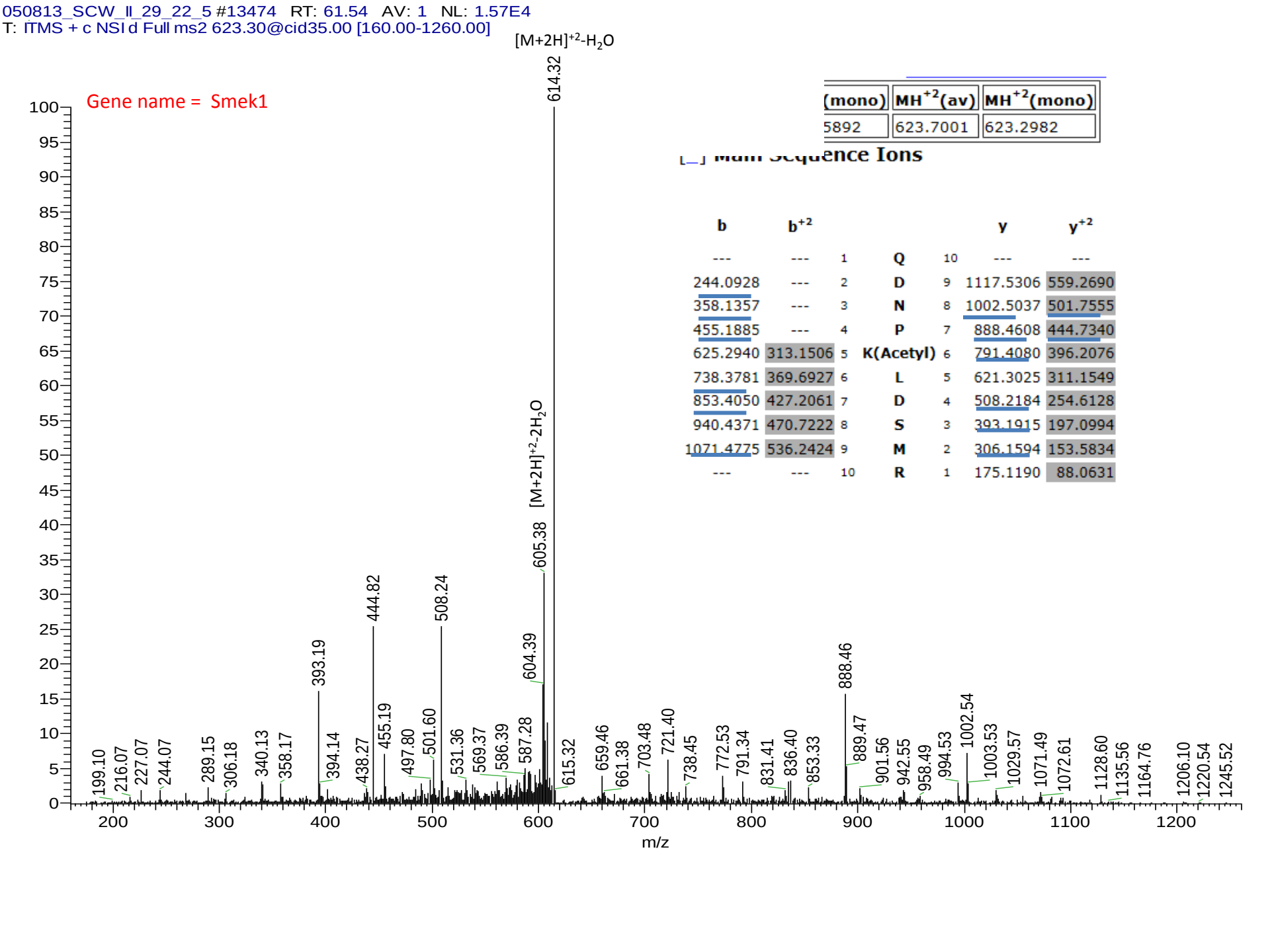
[-] Main Sequence Ions

b	b+2				y	y+2
---	---	1	D	25	---	---
173.0557	---	2	G	24	2750.3677	1375.6875
287.0986	---	3	N	23	2693.3462	1347.1768
401.1415	---	4	N	22	2579.3033	1290.1553
502.1892	---	5	T	21	2465.2604	1233.1338
630.2478	---	6	Q	20	2364.2127	1182.6100
743.3319	---	7	L	19	2236.1541	1118.5807
830.3639	---	8	S	18	2123.0701	1062.0387
1008.4836	504.7455	9	K(50.0248)	17	2036.0380	1018.5227
1109.5313	555.2693	10	T	16	1857.9183	929.4628
1238.5739	619.7906	11	E	15	1756.8706	878.9389
1385.6423	693.3248	12	F	14	1627.8280	814.4176
1498.7264	749.8668	13	L	13	1480.7596	740.8834
1585.7584	793.3829	14	S	12	1367.6755	684.3414
1732.8268	866.9171	15	F	11	1280.6435	640.8254
1863.8673	932.4373	16	M	10	1133.5751	567.2912
1977.9103	989.4588	17	N	9	1002.5346	501.7709
2078.9579	1039.9826	18	T	8	888.4917	444.7495
2208.0005	1104.5039	19	E	7	787.4440	394.2256
2321.0846	1161.0459	20	L	6	658.4014	329.7043
2392.1217	1196.5645	21	A	5	545.3173	273.1623
2463.1588	1232.0830	22	A	4	474.2802	237.6437
2610.2272	1305.6173	23	F	3	403.2431	202.1252
2711.2749	1356.1411	24	T	2	256.1747	128.5910
---	---	25	K(8.0142)	1	155.1270	78.0671

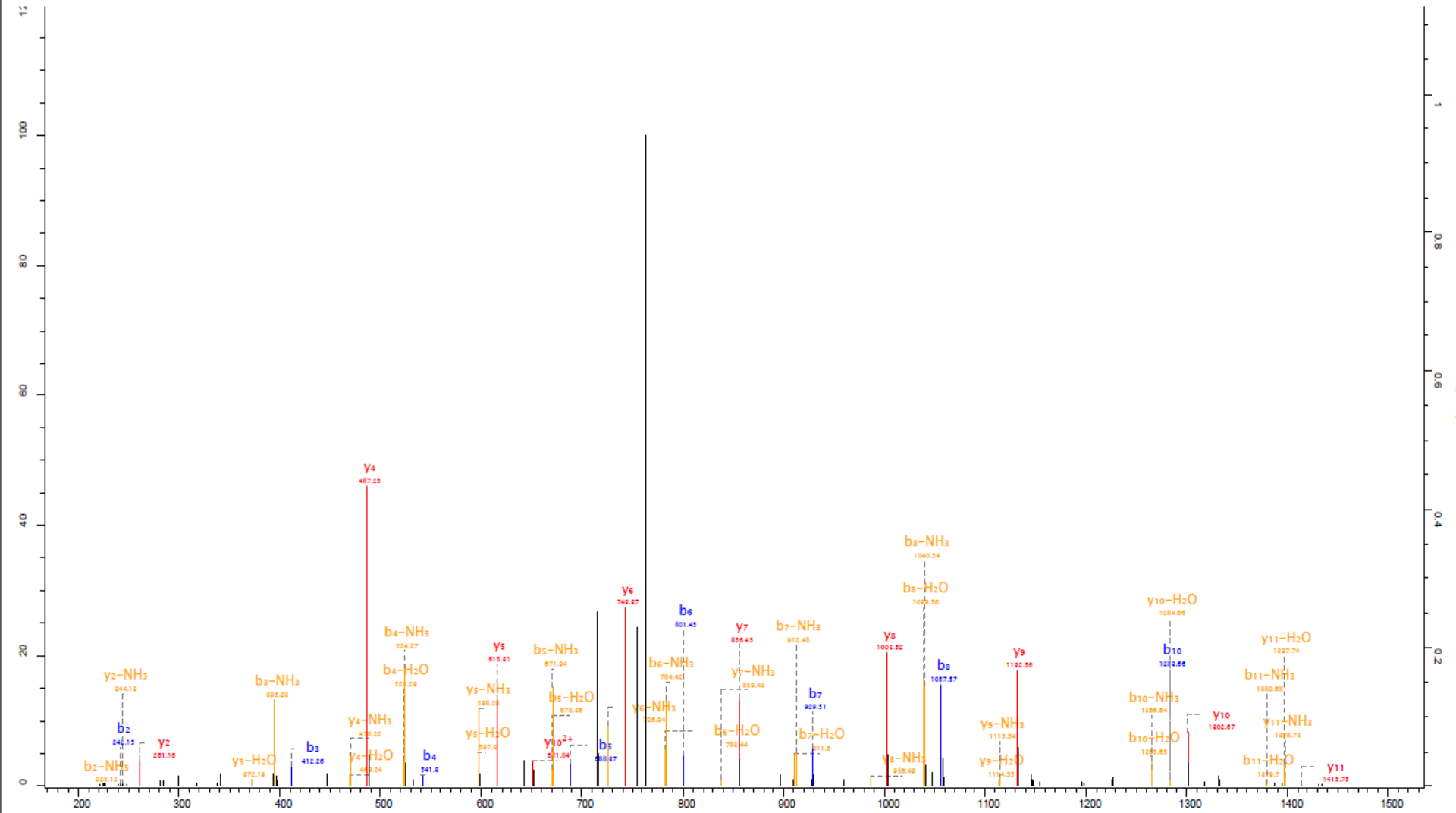


Raw file	Scan	Method	Score	m/z	Gene names
050813_SCW_II_29_22_5	13474	ITMS; CID	167.18	623.3	Smek1



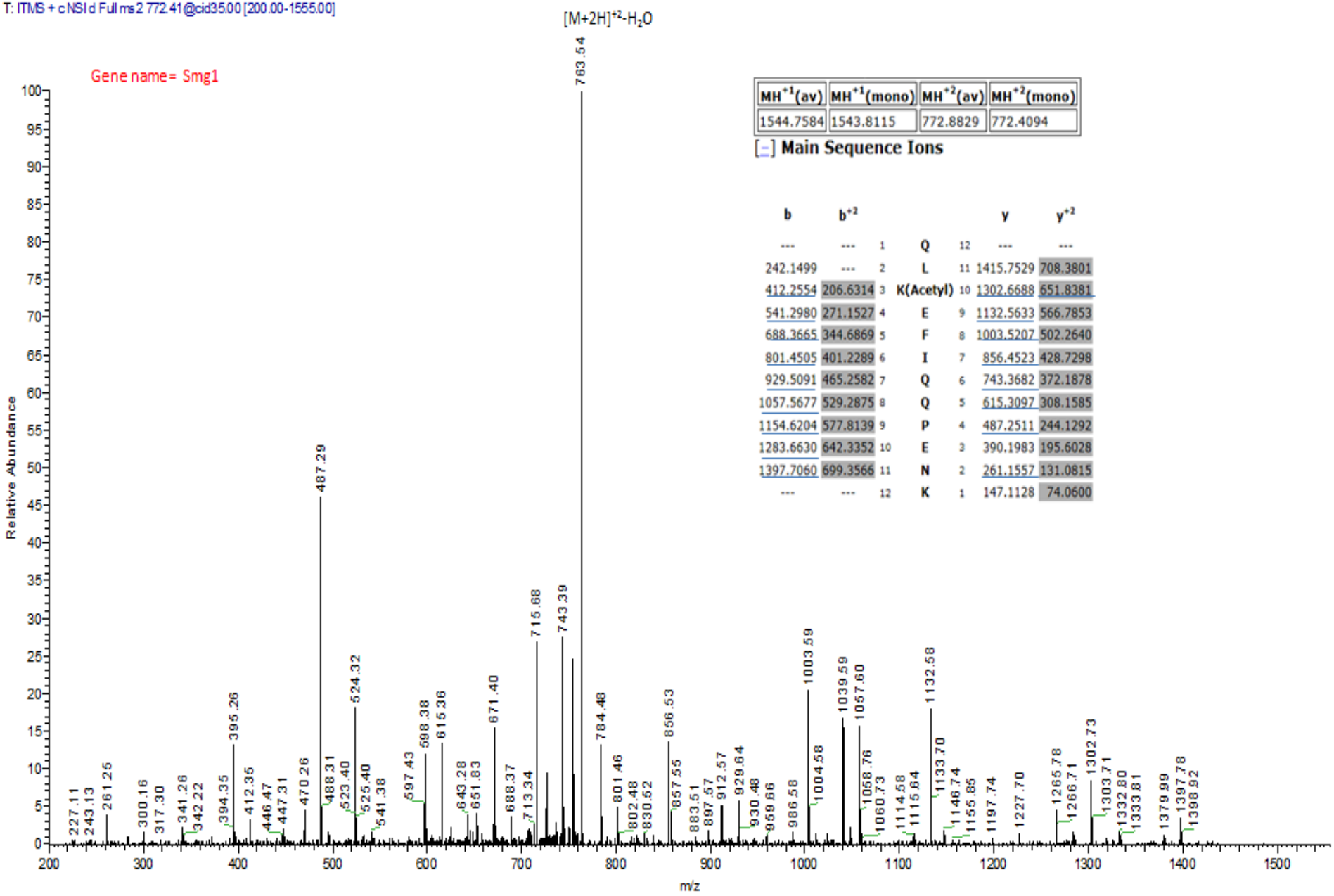

050813_SCW_II_29_22_5 #13474 RT: 61.54 AV: 1 NL: 1.57E4
T: ITMS + c NSI d Full ms2 623.30@cid35.00 [160.00-1260.00]
[M+2H]+2-H2O
Gene name = Smek1
(mono) MH+2(av) MH+2(mono)
5892 623.7001 623.2982
Main Sequence Ions
b b+2 y y+2
--- --- 1 Q 10 --- ---
244.0928 --- 2 D 9 1117.5306 559.2690
358.1357 --- 3 N 8 1002.5037 501.7555
455.1885 --- 4 P 7 888.4608 444.7340
625.2940 313.1506 5 K(Acetyl) 6 791.4080 396.2076
738.3781 369.6927 6 L 5 621.3025 311.1549
853.4050 427.2061 7 D 4 508.2184 254.6128
940.4371 470.7222 8 S 3 393.1915 197.0994
1071.4775 536.2424 9 M 2 306.1594 153.5834
--- --- 10 R 1 175.1190 88.0631
614.32
[M+2H]+2-2H2O
605.38
604.39
444.82
508.24
393.19
455.19
501.60
888.46
199.10
216.07
227.07
244.07
289.15
306.18
340.13
358.17
394.14
438.27
497.80
531.36
569.37
586.39
587.28
615.32
659.46
661.38
703.48
721.40
738.45
772.53
791.34
831.41
836.40
853.33
889.47
901.56
942.55
958.49
994.53
1002.54
1003.53
1029.57
1071.49
1072.61
1128.60
1135.56
1164.76
1206.10
1220.54
1245.52
m/z

Raw file	Scan	Method	Score	m/z	Gene names
022714_SCW_II_53_4_2ndZT	18682	ITMS; CID	267.37	772.41	Smg1



- Q L K ac E F I Q Q P E N K -

022714_SCW_II_53_4_2ndZ1#18682 RT: 86.21 AV: 1 NL: 9.40E3
T: ITMS + c NSI d Full ms2 772.41@cid35.00 [200.00-1555.00]

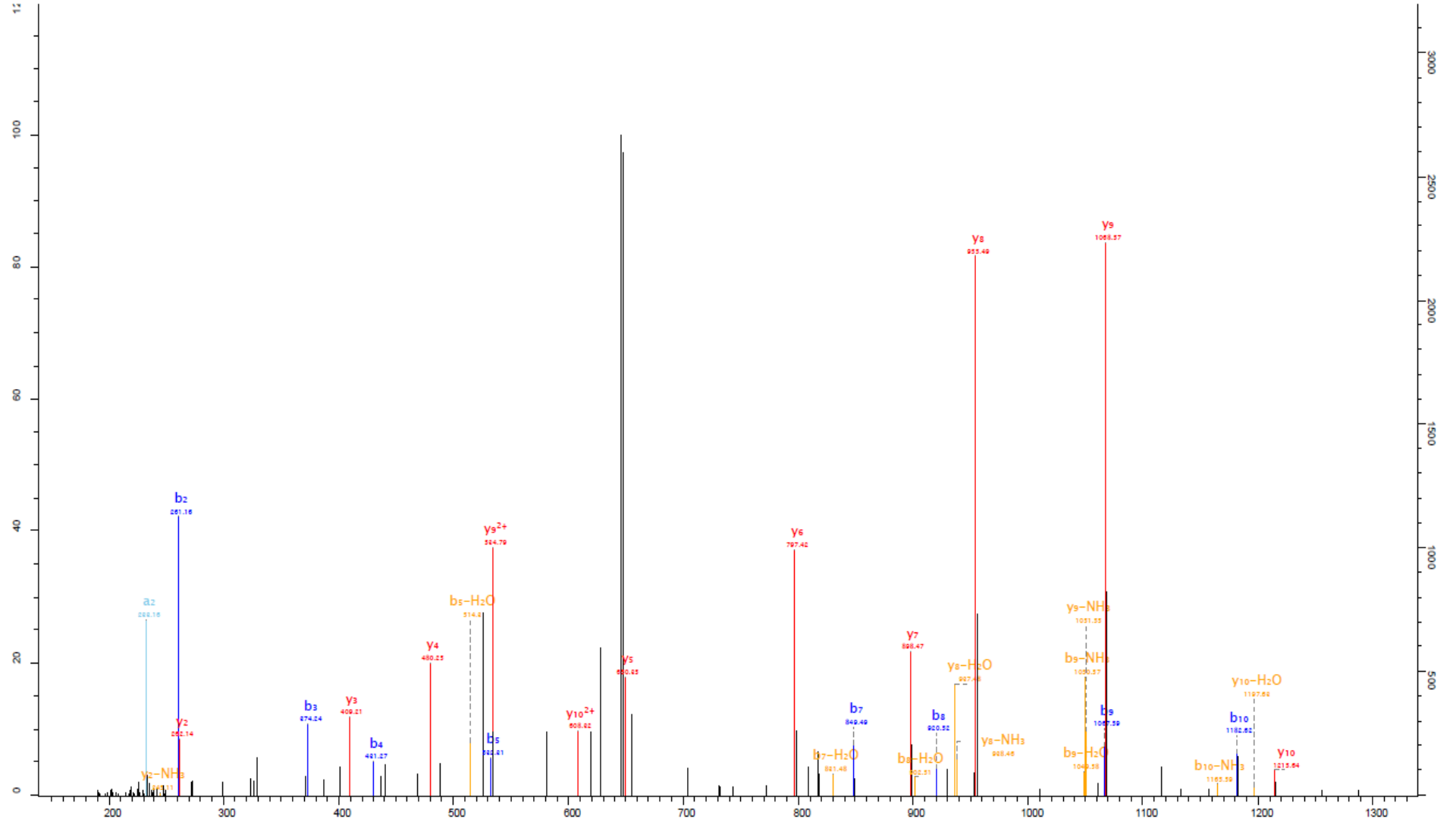


MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1544.7584	1543.8115	772.8829	772.4094

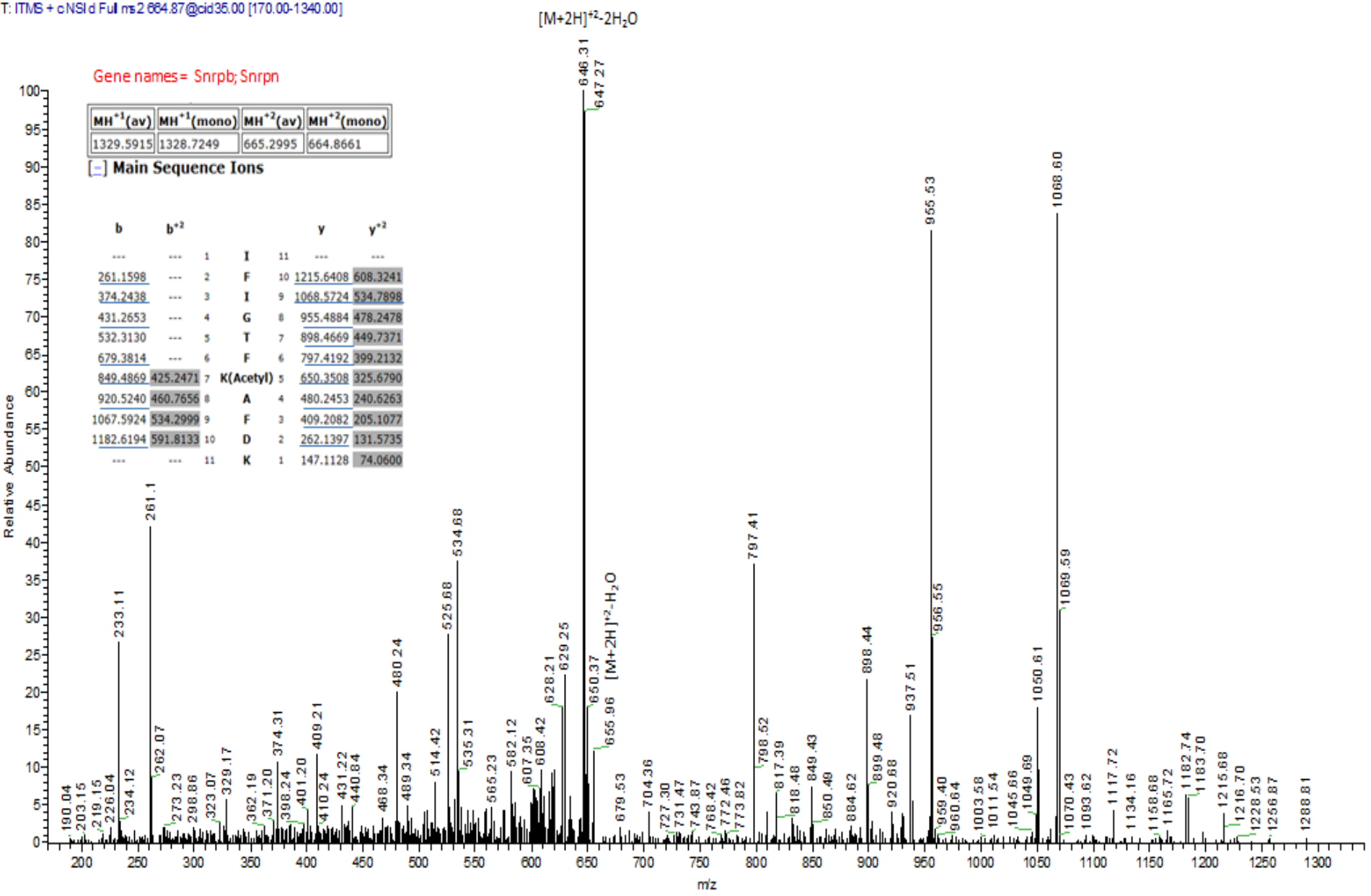
[-] **Main Sequence Ions**

b	b^{+2}				y	y^{+2}
---	---	1	Q	12	---	---
242.1499	---	2	L	11	1415.7529	708.3801
412.2554	206.6314	3	K(Acetyl)	10	1302.6688	651.8381
541.2980	271.1527	4	E	9	1132.5633	566.7853
688.3665	344.6869	5	F	8	1003.5207	502.2640
801.4505	401.2289	6	I	7	856.4523	428.7298
929.5091	465.2582	7	Q	6	743.3682	372.1878
1057.5677	529.2875	8	Q	5	615.3097	308.1585
1154.6204	577.8139	9	P	4	487.2511	244.1292
1283.6630	642.3352	10	E	3	390.1983	195.6028
1397.7060	699.3566	11	N	2	261.1557	131.0815
---	---	12	K	1	147.1128	74.0600

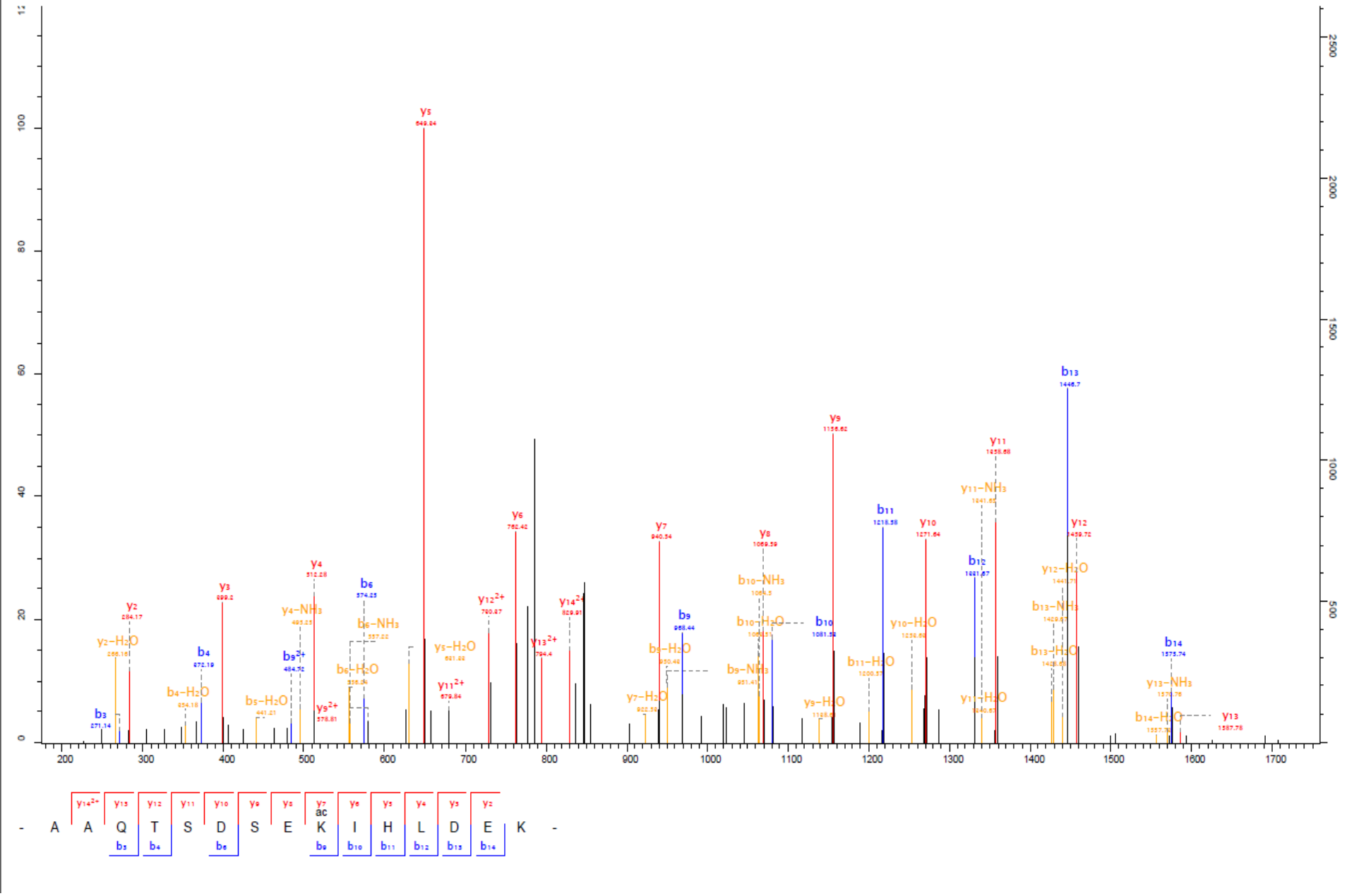
Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_4_Vargas_Enriched	23155	ITMS; CID	171.49	664.87	Snrpb;Snrpn

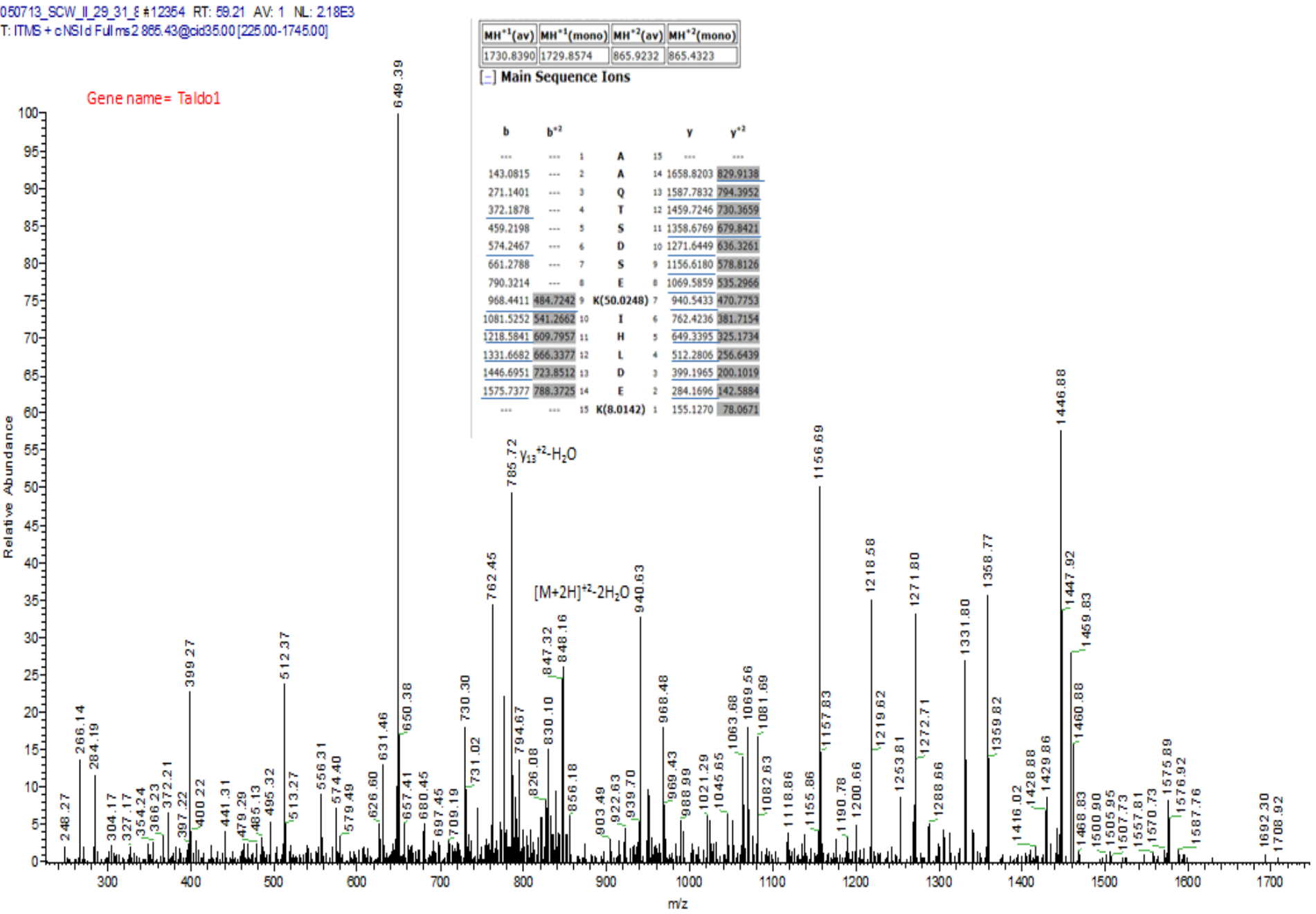


062513_SCW_II_53_4_Vargas_Enrichec #23155 RT: 99.43 AV: 1 NL: 2.67E3
T: ITMS + c NSI d Full ms2 664.87@cid35.00 [170.00-1340.00]



Raw file	Scan	Method	Score	m/z	Gene names
050713_SCW_II_29_31_8	12354	ITMS; CID	241.39	865.43	Taldo1



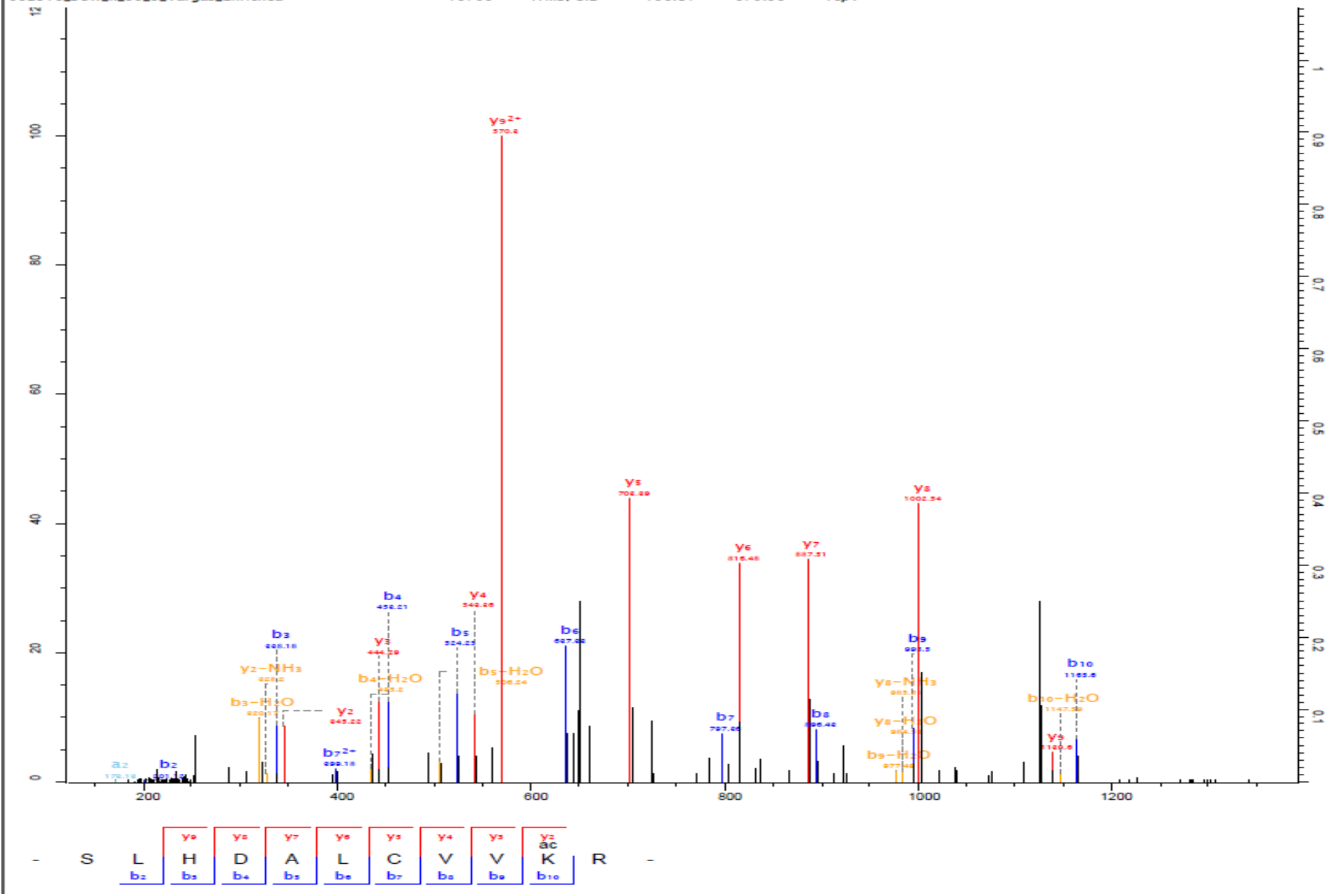


MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1730.8390	1729.8574	865.9232	865.4323

[–] **Main Sequence Ions**

b	b^{+2}				y	y^{+2}
---	---	1	A	15	---	---
143.0815	---	2	A	14	1658.8203	829.9138
271.1401	---	3	Q	13	1587.7832	794.3952
372.1878	---	4	T	12	1459.7246	730.3659
459.2198	---	5	S	11	1358.6769	679.8421
574.2467	---	6	D	10	1271.6449	636.3261
661.2788	---	7	S	9	1156.6180	578.8126
790.3214	---	8	E	8	1069.5859	535.2966
968.4411	484.7242	9	K(50.0248)	7	940.5433	470.7753
1081.5252	541.2662	10	I	6	762.4236	381.7154
1218.5841	609.7957	11	H	5	649.3395	325.1734
1331.6682	666.3377	12	L	4	512.2806	256.6439
1446.6951	723.8512	13	D	3	399.1965	200.1019
1575.7377	788.3725	14	E	2	284.1696	142.5884
---	---	15	K(8.0142)	1	155.1270	78.0671

Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_9_Vargas_Enriched	16700	ITMS; CID	136.81	670.36	Tcp1



-	S	L	H	D	A	L	C	V	V	K	R	-
		b2	b3	b4	b5	b6	b7	b8	b9	b10		
			y9	y8	y7	y6	y5	y4	y3	y2 ac		

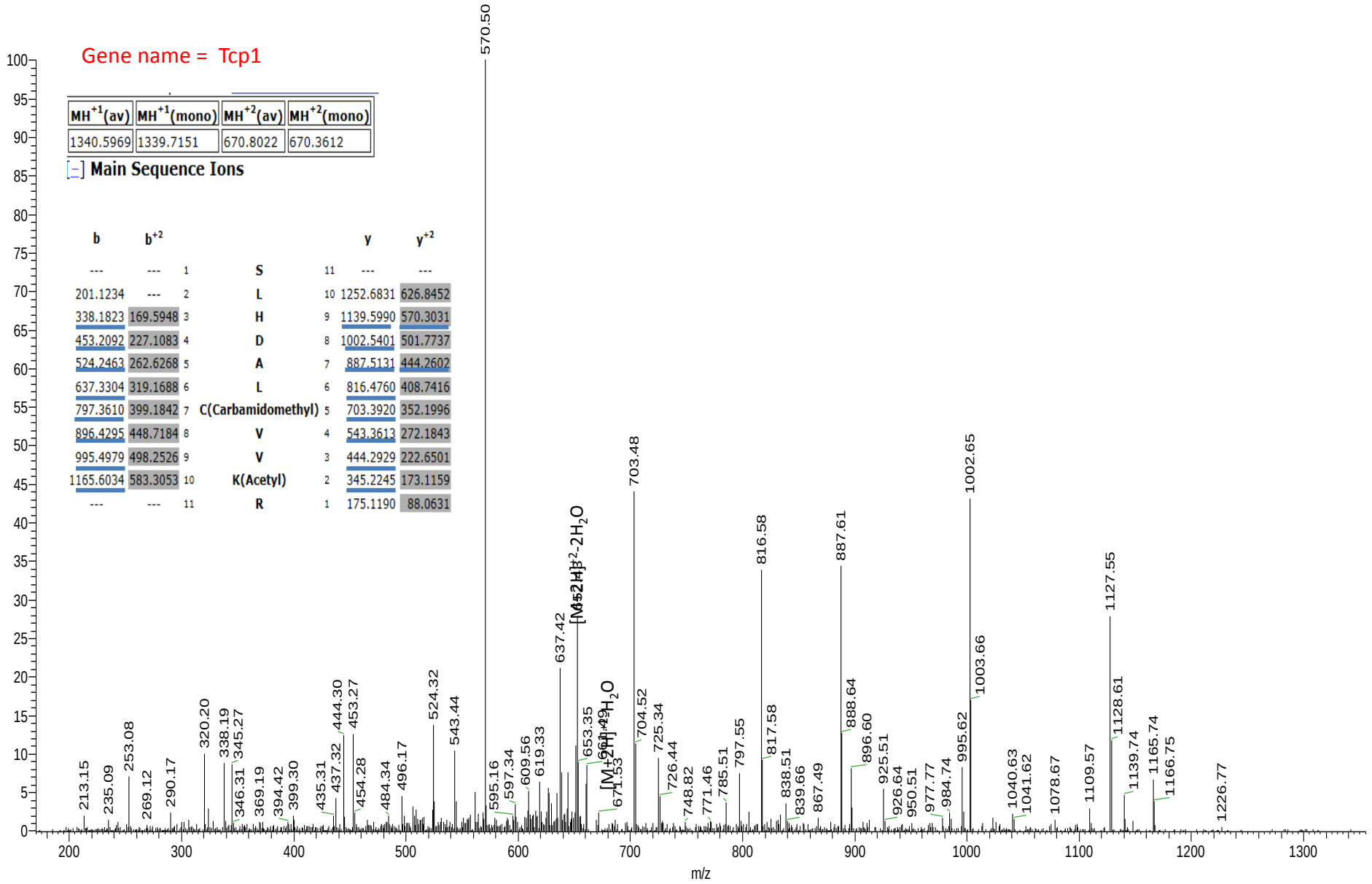
062513_SCW_II_53_9_Vargas_Enriched #16700 RT: 75.77 AV: 1 NL: 8.95E3
T: ITMS + c NSI d Full ms2 670.36@cid35.00 [170.00-1355.00]

Gene name = Tcp1

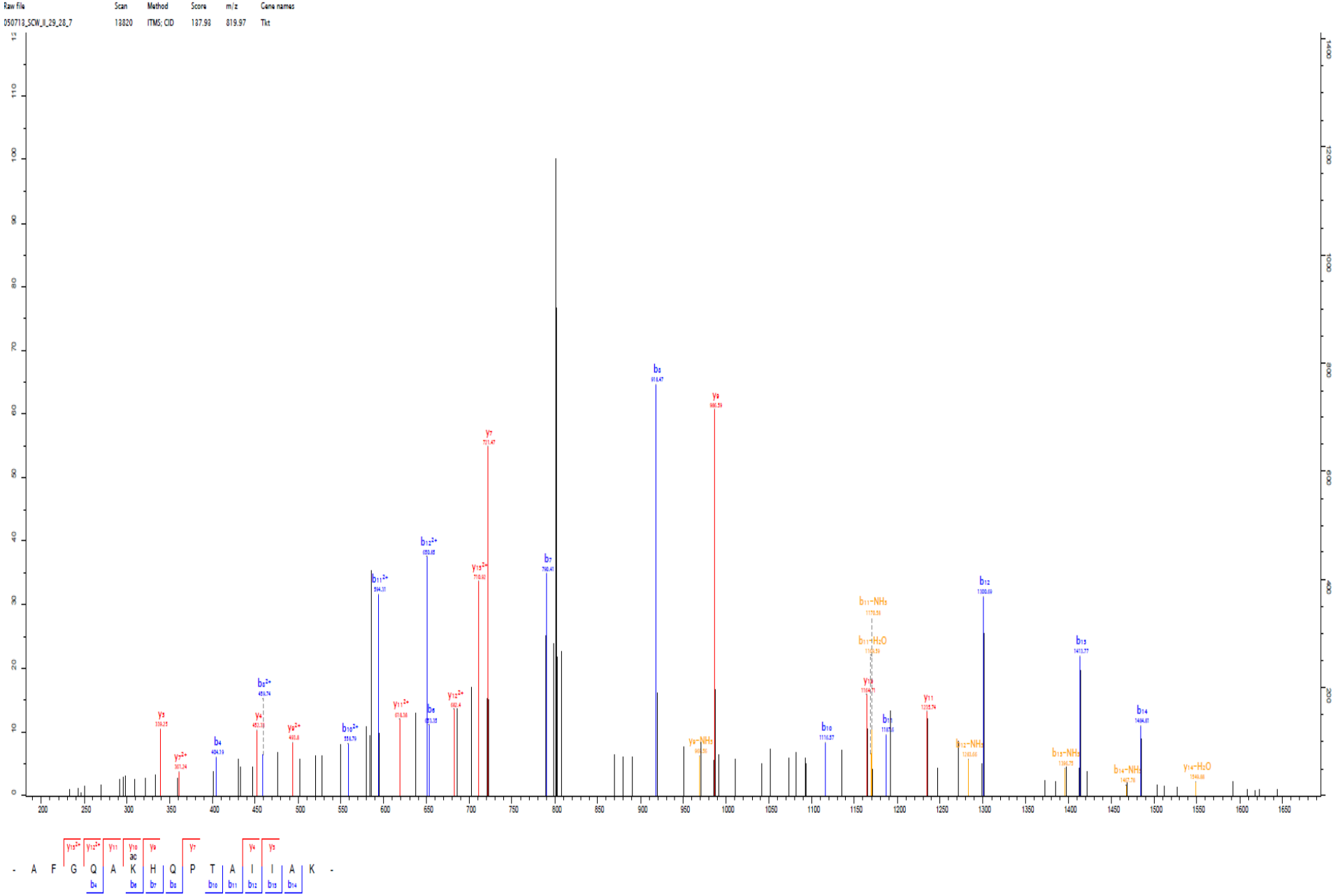
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1340.5969	1339.7151	670.8022	670.3612

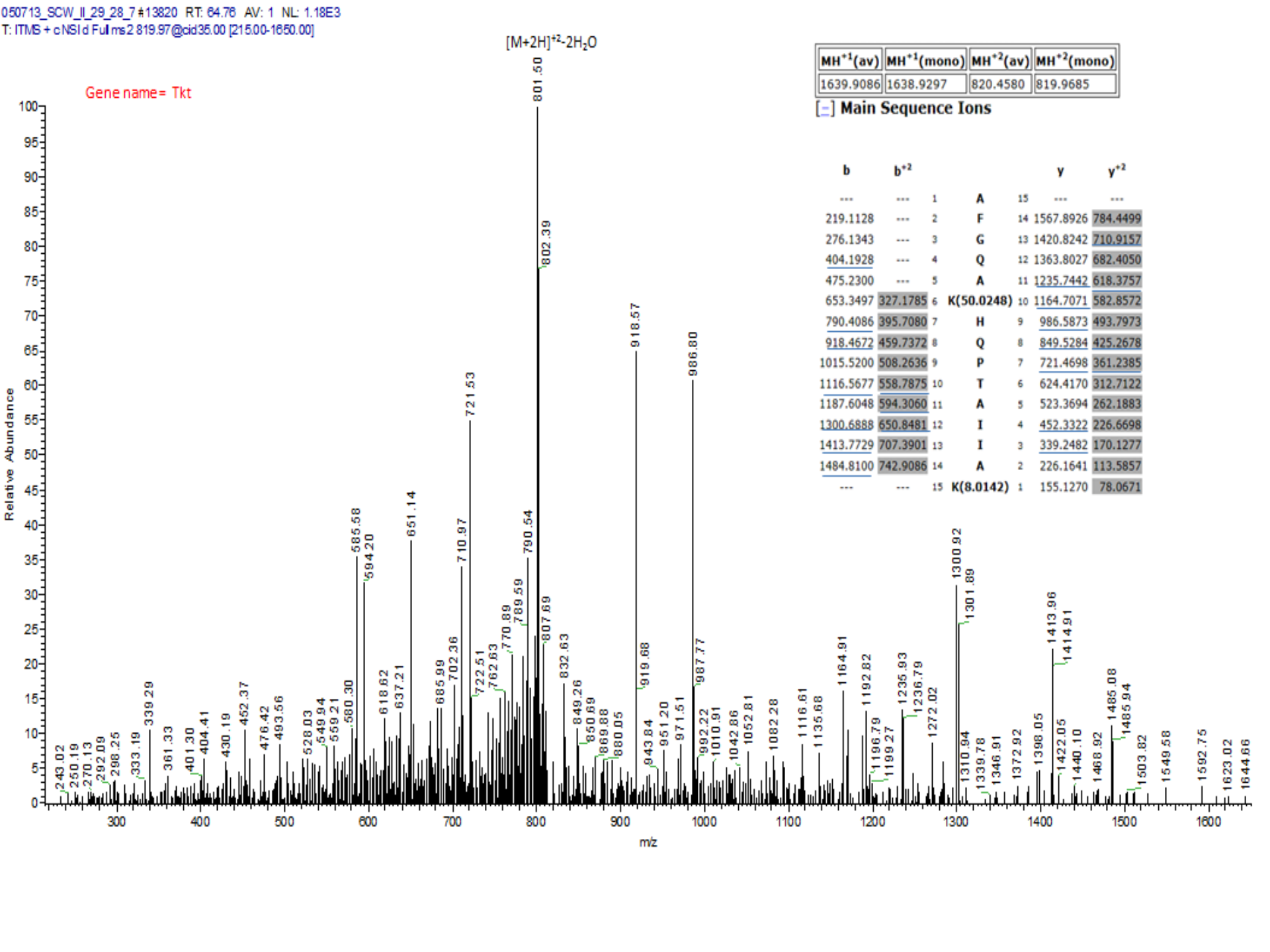
Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	S	11	---	---
201.1234	---	2	L	10	1252.6831	626.8452
338.1823	169.5948	3	H	9	1139.5990	570.3031
453.2092	227.1083	4	D	8	1002.5401	501.7737
524.2463	262.6268	5	A	7	887.5131	444.2602
637.3304	319.1688	6	L	6	816.4760	408.7416
797.3610	399.1842	7	C(Carbamidomethyl)	5	703.3920	352.1996
896.4295	448.7184	8	V	4	543.3613	272.1843
995.4979	498.2526	9	V	3	444.2929	222.6501
1165.6034	583.3053	10	K(Acetyl)	2	345.2245	173.1159
---	---	11	R	1	175.1190	88.0631



Raw file	Scan	Method	Score	m/z	Gene names
050713_SCW_II_29_28_7	13820	ITMS; CID	137.93	819.97	Tkt



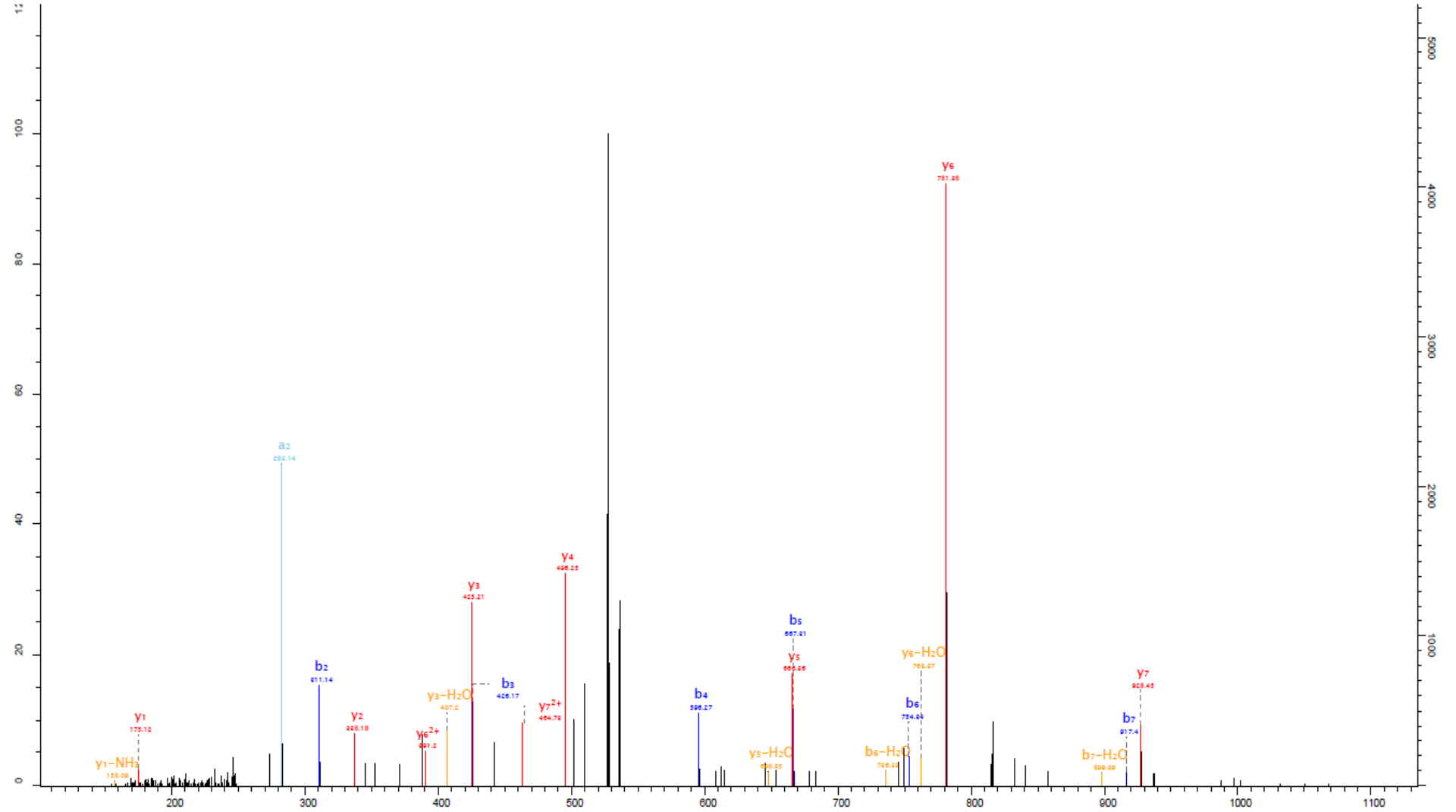


MH+1(av)	MH+1(mono)	MH+2(av)	MH+2(mono)
1639.9086	1638.9297	820.4580	819.9685

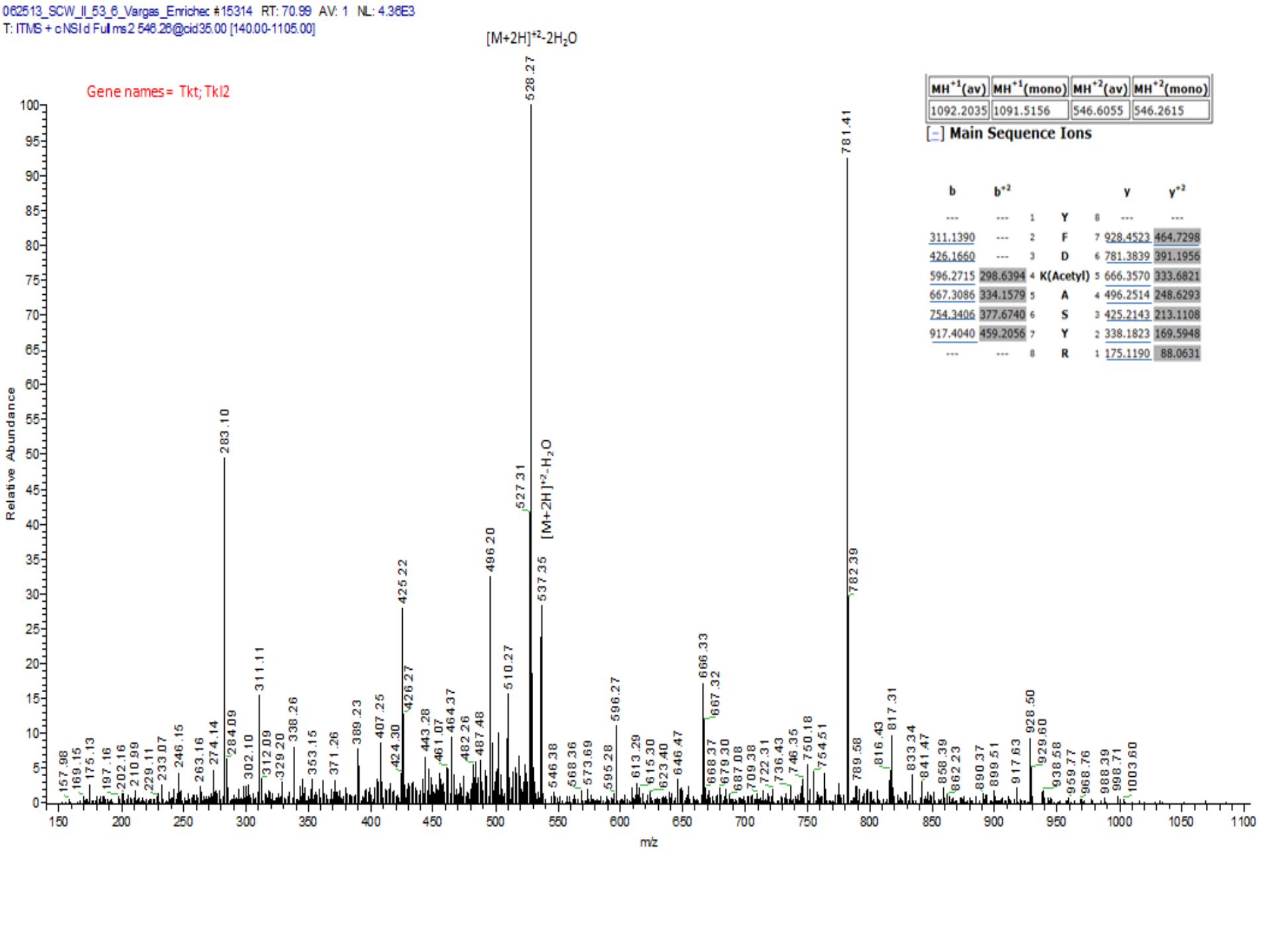
[–] Main Sequence Ions

b	b+2				y	y+2
---	---	1	A	15	---	---
219.1128	---	2	F	14	1567.8926	784.4499
276.1343	---	3	G	13	1420.8242	710.9157
404.1928	---	4	Q	12	1363.8027	682.4050
475.2300	---	5	A	11	1235.7442	618.3757
653.3497	327.1785	6	K(50.0248)	10	1164.7071	582.8572
790.4086	395.7080	7	H	9	986.5873	493.7973
918.4672	459.7372	8	Q	8	849.5284	425.2678
1015.5200	508.2636	9	P	7	721.4698	361.2385
1116.5677	558.7875	10	T	6	624.4170	312.7122
1187.6048	594.3060	11	A	5	523.3694	262.1883
1300.6888	650.8481	12	I	4	452.3322	226.6698
1413.7729	707.3901	13	I	3	339.2482	170.1277
1484.8100	742.9086	14	A	2	226.1641	113.5857
---	---	15	K(8.0142)	1	155.1270	78.0671

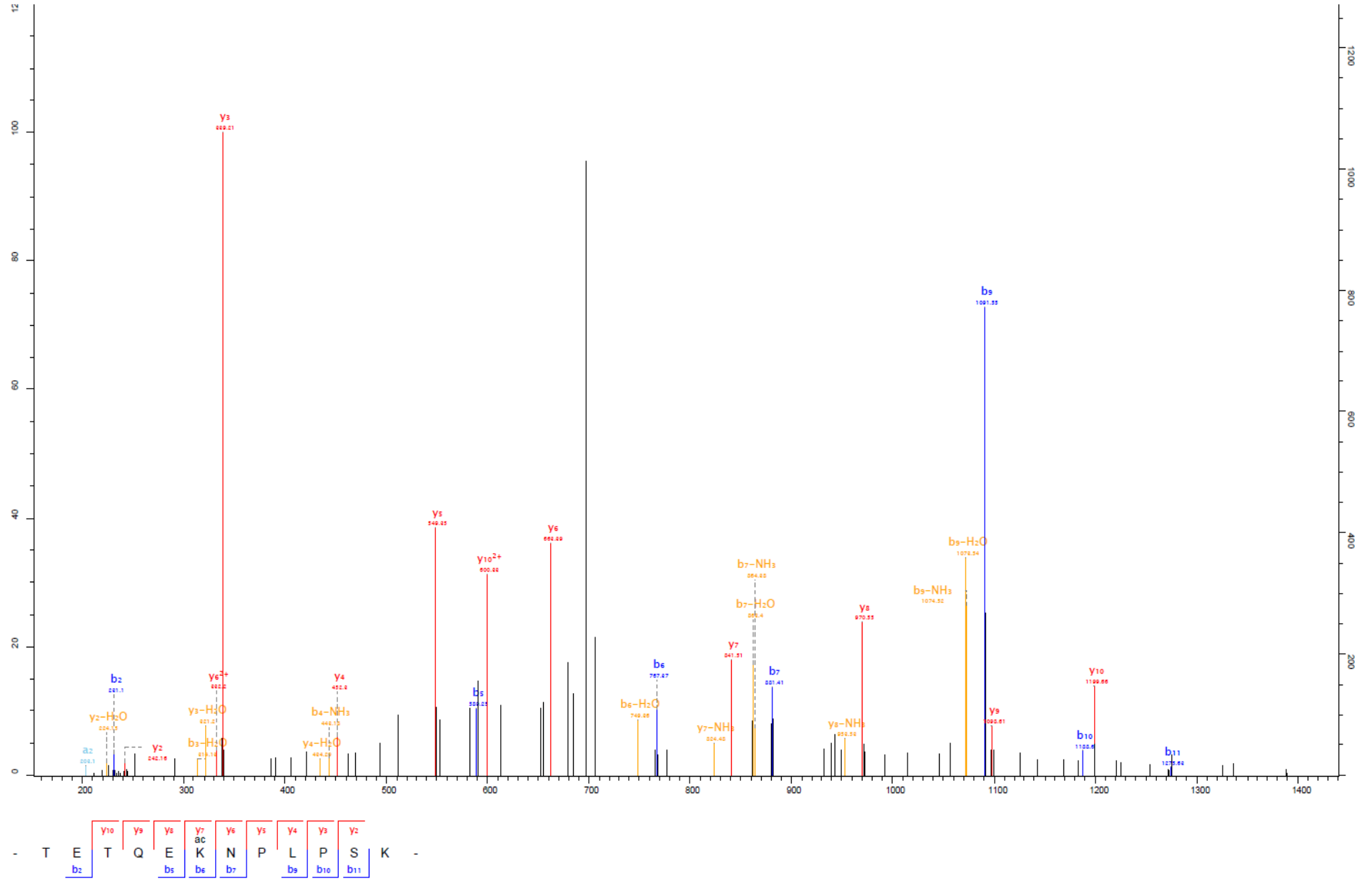
Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_6_Vargas_Enriched	15314	ITMS; CID	122.96	546.26	Tkt;Tktl2



	y7	y6	y5	y4	y3	y2	y1	
			ac					
-	Y	F	D	K	A	S	Y	R
		b2	b3	b4	b5	b6	b7	


062513_SCW_II_53_6_Vargas_Enrichec #15314 RT: 70.99 AV: 1 NL: 4.36E3
T: ITMS + c NSI d Full ms2 546.26@cid35.00 [140.00-1105.00]
[M+2H]+2-2H2O
Gene names= Tkt; Tkl2
MH+1(av) MH+1(mono) MH+2(av) MH+2(mono)
1092.2035 1091.5156 546.6055 546.2615
[-] Main Sequence Ions
b b+2 y y+2
--- --- 1 Y 8 --- ---
311.1390 --- 2 F 7 928.4523 464.7298
426.1660 --- 3 D 6 781.3839 391.1956
596.2715 298.6394 4 K(Acetyl) 5 666.3570 333.6821
667.3086 334.1579 5 A 4 496.2514 248.6293
754.3406 377.6740 6 S 3 425.2143 213.1108
917.4040 459.2056 7 Y 2 338.1823 169.5948
--- --- 8 R 1 175.1190 88.0631
[M+2H]+2-H2O
Relative Abundance
m/z

Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_4_Vargas_Enriched	12564	ITMS; CID	149.82	715.38	Tmsb4x



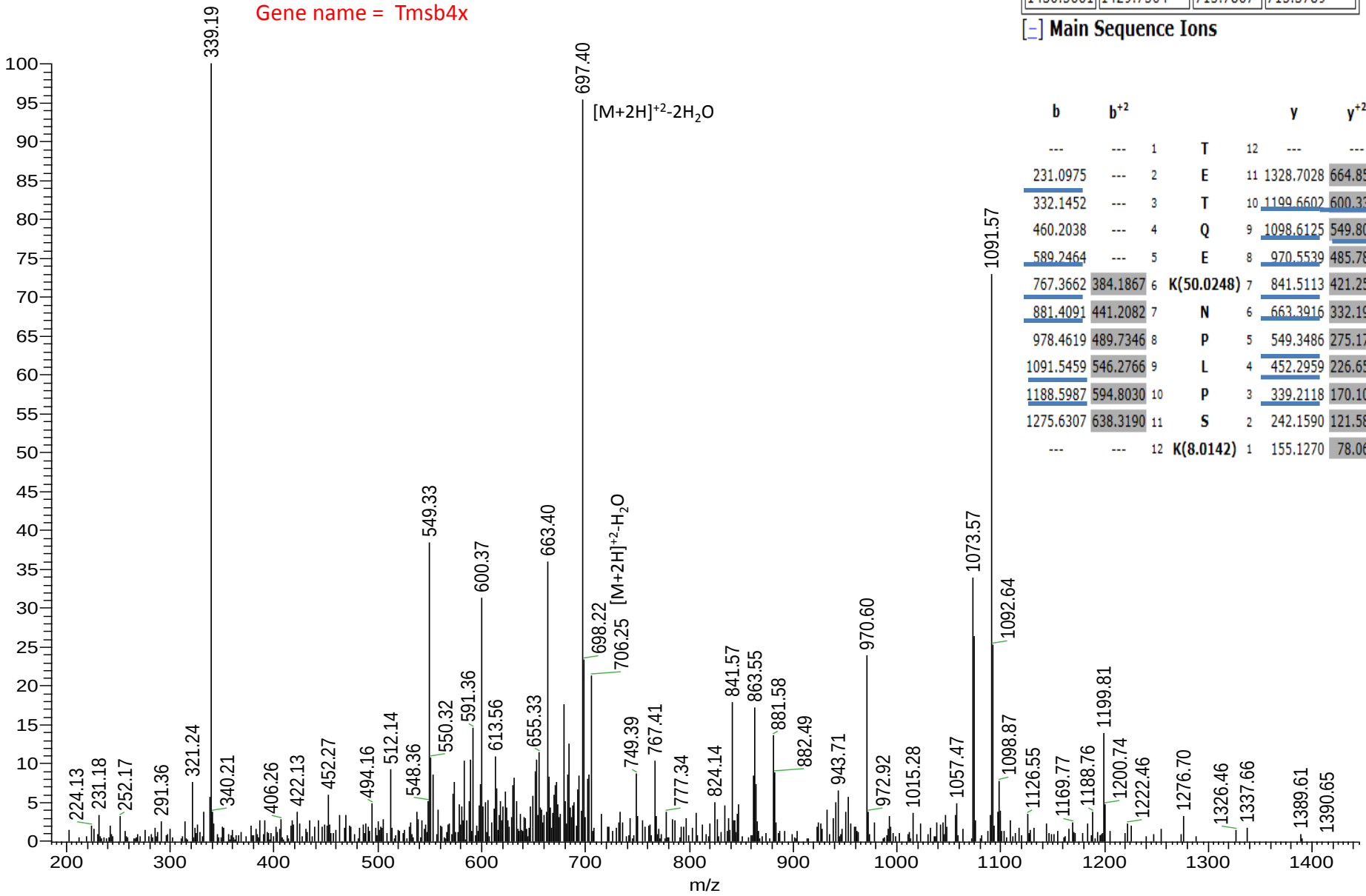
062513_SCW_II_53_4_Vargas_Enriched #12564 RT: 60.51 AV: 1 NL: 1.06E3
T: ITMS + c NSI d Full ms2 715.38@cid35.00 [185.00-1445.00]

Gene name = Tmsb4x

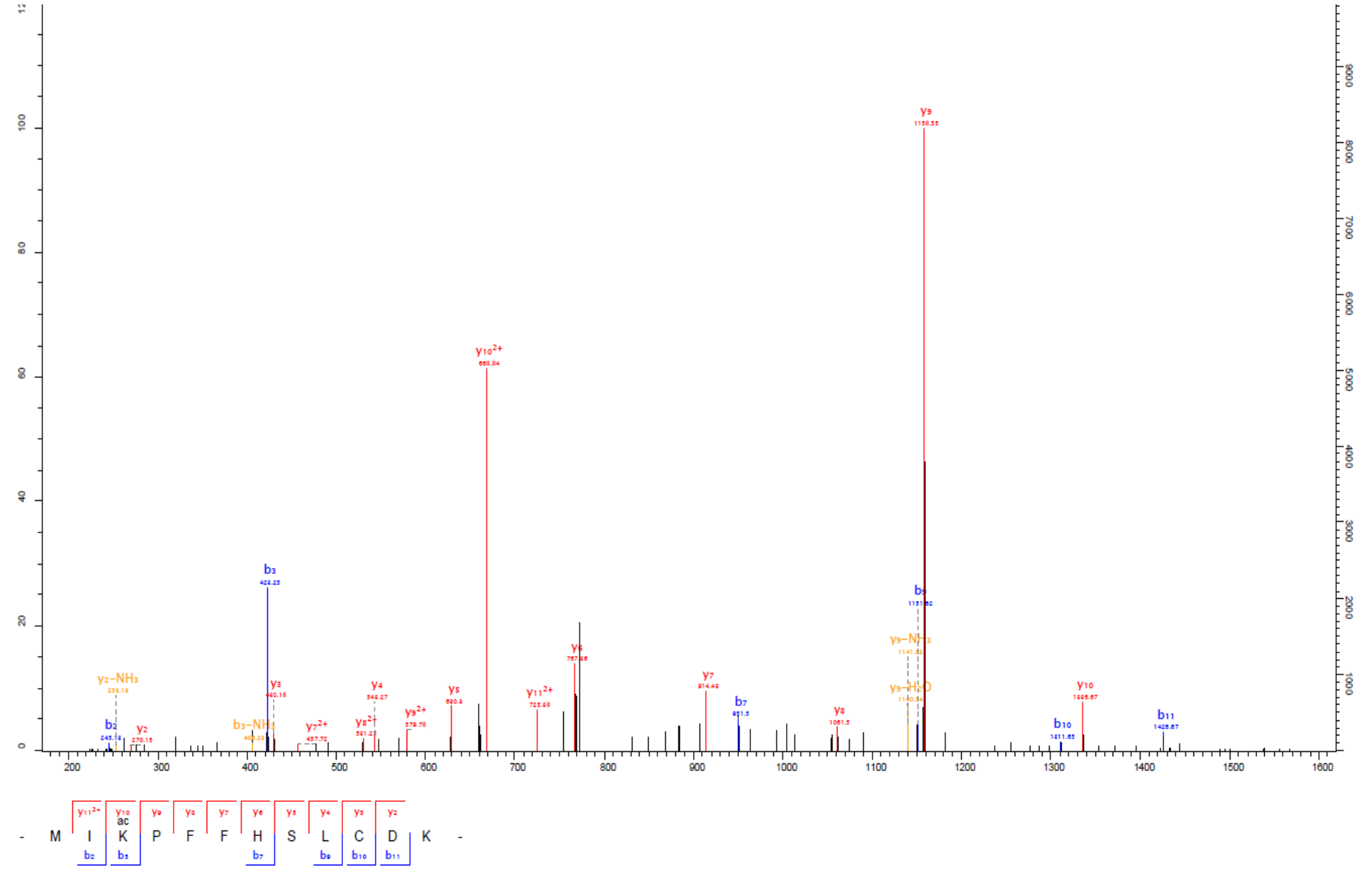
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1430.5661	1429.7504	715.7867	715.3789

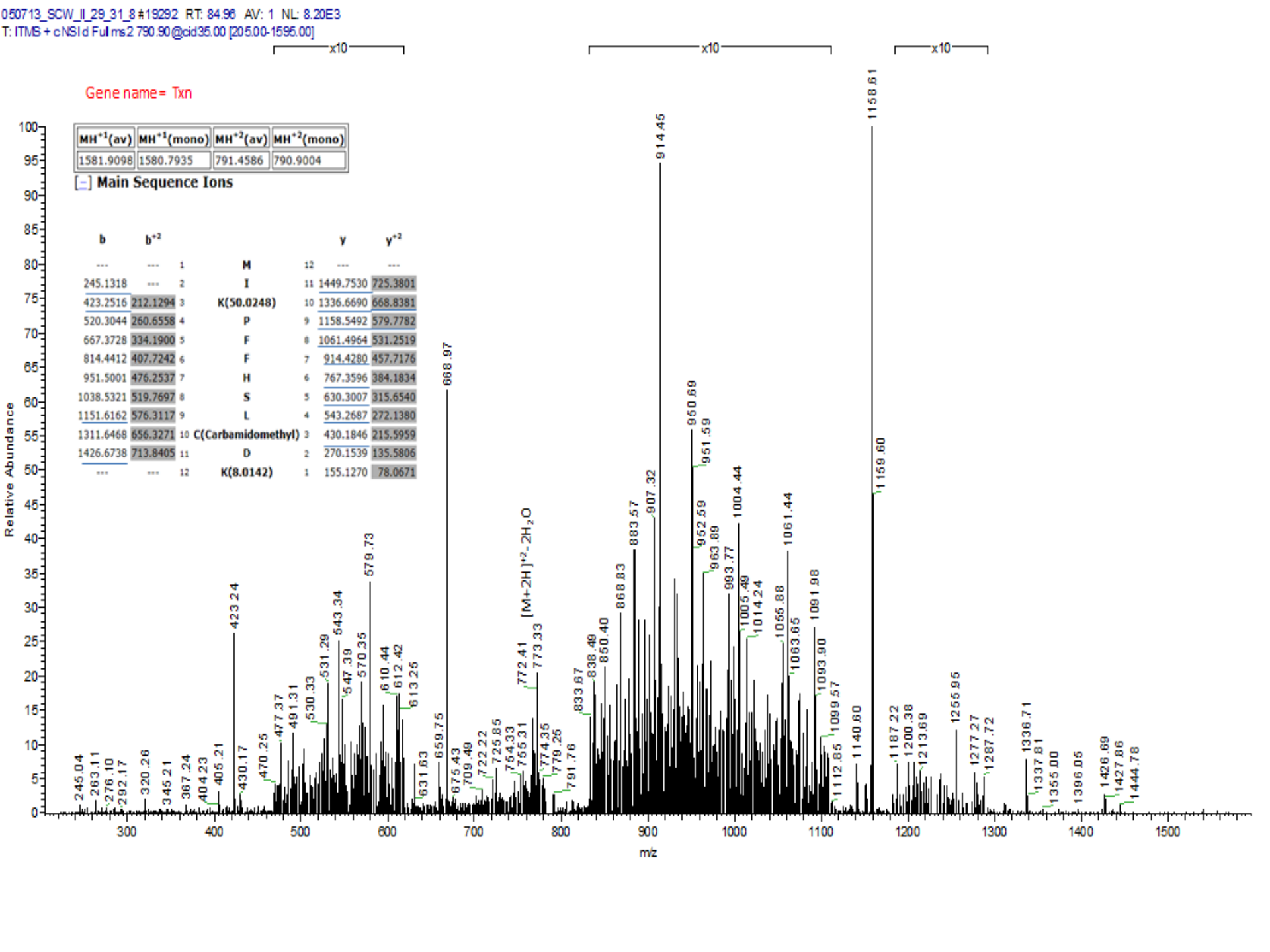
[-] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	T	12	---	---
231.0975	---	2	E	11	1328.7028	664.8550
332.1452	---	3	T	10	1199.6602	600.3337
460.2038	---	4	Q	9	1098.6125	549.8099
589.2464	---	5	E	8	970.5539	485.7806
767.3662	384.1867	6	K(50.0248)	7	841.5113	421.2593
881.4091	441.2082	7	N	6	663.3916	332.1994
978.4619	489.7346	8	P	5	549.3486	275.1780
1091.5459	546.2766	9	L	4	452.2959	226.6516
1188.5987	594.8030	10	P	3	339.2118	170.1095
1275.6307	638.3190	11	S	2	242.1590	121.5832
---	---	12	K(8.0142)	1	155.1270	78.0671

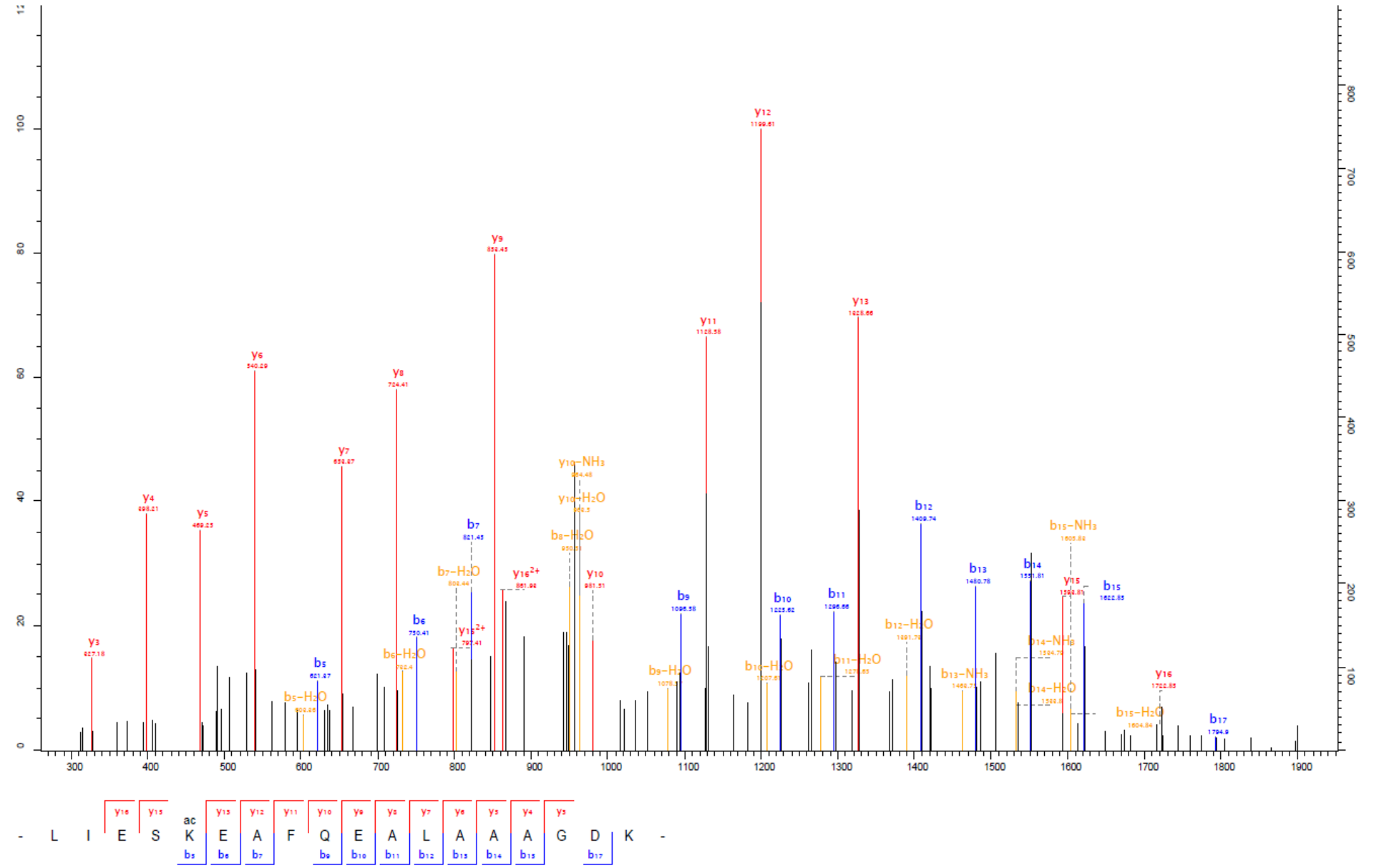


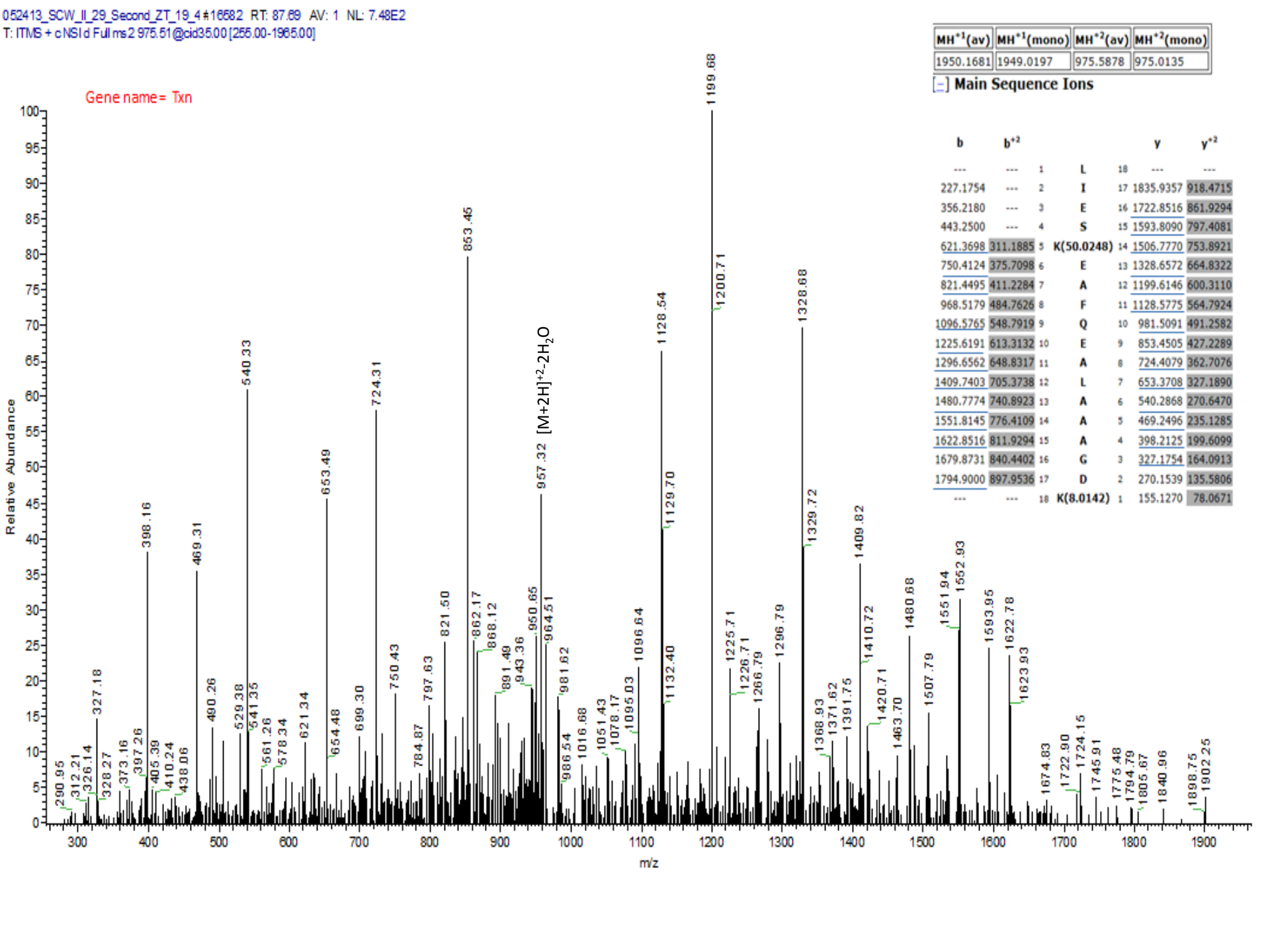
Raw file	Scan	Method	Score	m/z	Gene names
050713_SCW_II_29_31_8	19292	ITMS; CID	119.25	790.9	Txn




050713_SCW_II_29_31_8 #19292 RT: 84.96 AV: 1 NL: 8.20E3
T: ITMS + c NSI d Full ms2 790.90@cid35.00 [205.00-1595.00]
x10
x10
x10
Gene name= Txn
MH+1(av) MH+1(mono) MH+2(av) MH+2(mono)
1581.9098 1580.7935 791.4586 790.9004
[–] Main Sequence Ions
b b+2 y y+2
--- --- 1 M 12 --- ---
245.1318 --- 2 I 11 1449.7530 725.3801
423.2516 212.1294 3 K(50.0248) 10 1336.6690 668.8381
520.3044 260.6558 4 P 9 1158.5492 579.7782
667.3728 334.1900 5 F 8 1061.4964 531.2519
814.4412 407.7242 6 F 7 914.4280 457.7176
951.5001 476.2537 7 H 6 767.3596 384.1834
1038.5321 519.7697 8 S 5 630.3007 315.6540
1151.6162 576.3117 9 L 4 543.2687 272.1380
1311.6468 656.3271 10 C(Carbamidomethyl) 3 430.1846 215.5959
1426.6738 713.8405 11 D 2 270.1539 135.5806
--- --- 12 K(8.0142) 1 155.1270 78.0671
Relative Abundance
m/z
[M+2H]+2-2H2O
245.04
263.11
276.10
292.17
320.26
345.21
367.24
404.23
405.21
423.24
430.17
470.25
477.37
491.31
530.33
531.29
543.34
547.39
570.35
579.73
610.44
612.42
613.25
631.63
659.75
668.97
675.43
709.49
722.22
725.85
754.33
755.31
772.41
773.33
774.35
779.25
791.76
833.67
838.49
850.40
868.83
883.57
907.32
914.45
950.69
951.59
952.59
963.89
993.77
1004.44
1005.49
1014.24
1055.88
1061.44
1063.65
1091.98
1093.90
1099.57
1112.85
1140.60
1158.61
1159.60
1187.22
1200.38
1213.69
1255.95
1277.27
1287.72
1336.71
1337.81
1355.00
1396.05
1426.69
1427.86
1444.78

Raw file	Scan	Method	Score	m/z	Gene names
052413_SCW_II_29_Second_ZT_19_4	16582	ITMS; CID	138.03	975.51	Txn



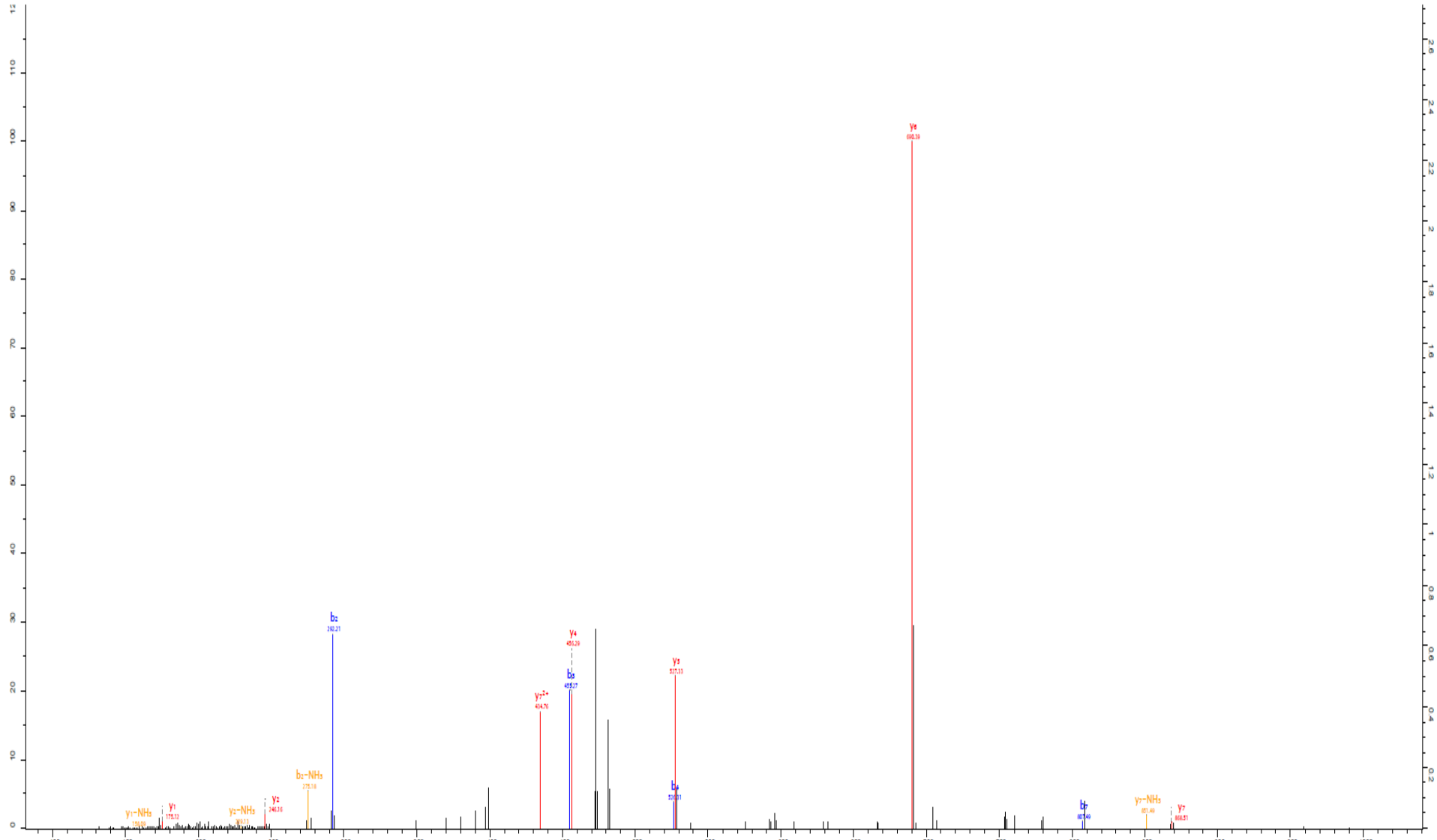


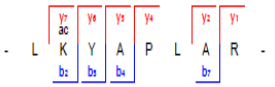
MH+1(av)	MH+1(mono)	MH+2(av)	MH+2(mono)
1950.1681	1949.0197	975.5878	975.0135

[-] Main Sequence Ions

b	b+2				y	y+2
---	---	1	L	18	---	---
227.1754	---	2	I	17	1835.9357	918.4715
356.2180	---	3	E	16	1722.8516	861.9294
443.2500	---	4	S	15	1593.8090	797.4081
621.3698	311.1885	5	K(50.0248)	14	1506.7770	753.8921
750.4124	375.7098	6	E	13	1328.6572	664.8322
821.4495	411.2284	7	A	12	1199.6146	600.3110
968.5179	484.7626	8	F	11	1128.5775	564.7924
1096.5765	548.7919	9	Q	10	981.5091	491.2582
1225.6191	613.3132	10	E	9	853.4505	427.2289
1296.6562	648.8317	11	A	8	724.4079	362.7076
1409.7403	705.3738	12	L	7	653.3708	327.1890
1480.7774	740.8923	13	A	6	540.2868	270.6470
1551.8145	776.4109	14	A	5	469.2496	235.1285
1622.8516	811.9294	15	A	4	398.2125	199.6099
1679.8731	840.4402	16	G	3	327.1754	164.0913
1794.9000	897.9536	17	D	2	270.1539	135.5806
---	---	18	K(8.0142)	1	155.1270	78.0671

Raw file	Scan	Method	Score	m/z	Gene names
050813_SCW_JI_29_22_5	15908	ITMS; CID	79.47	491.3	Uaca





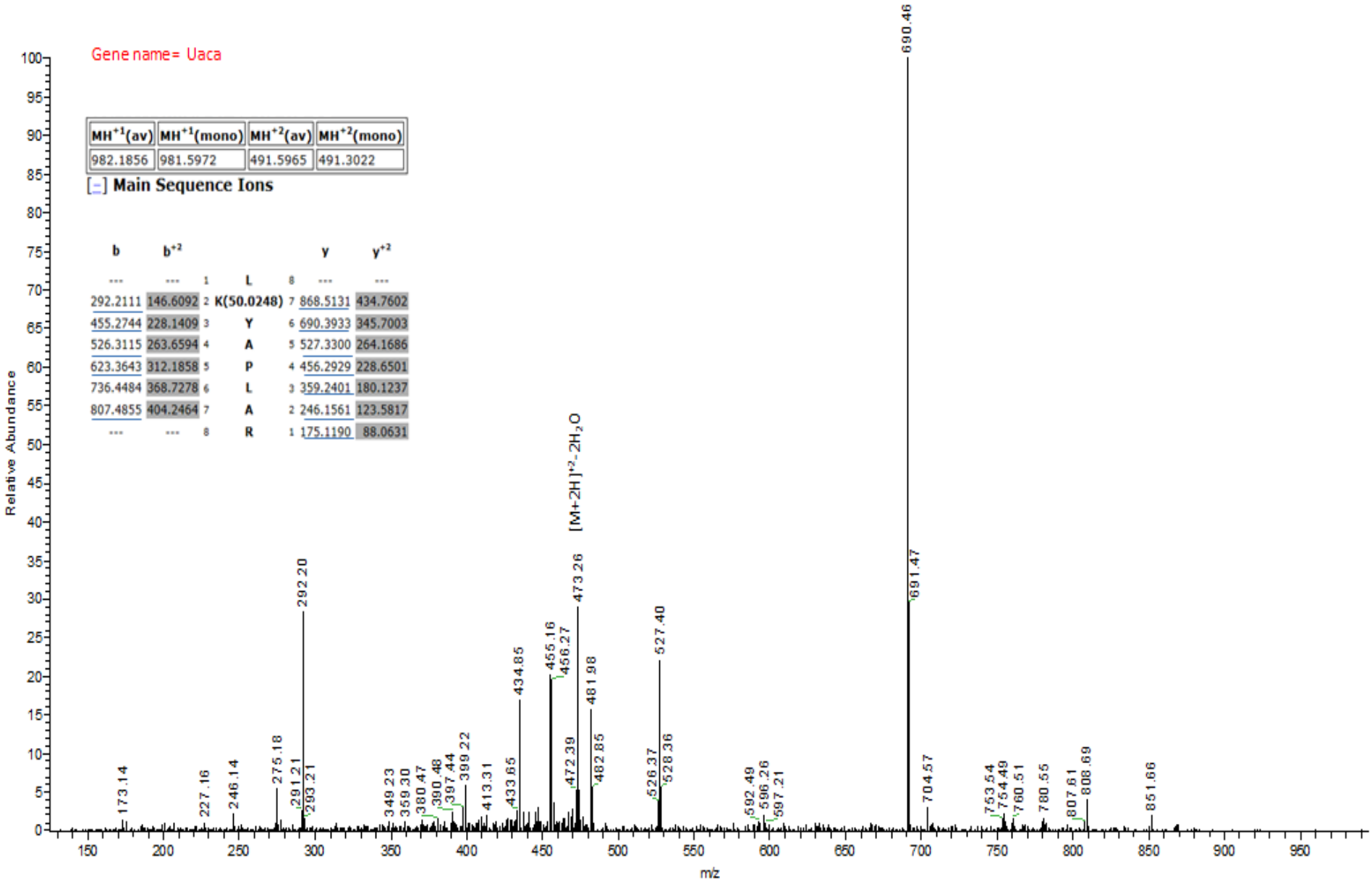
050813_SCW_II_29_22_5 #15908 RT: 69.73 AV: 1 NL: 2.26E4
T: ITMS + cNSI d Full ms2 491.30@cid35.00 [125.00-995.00]

Gene name= Uaca

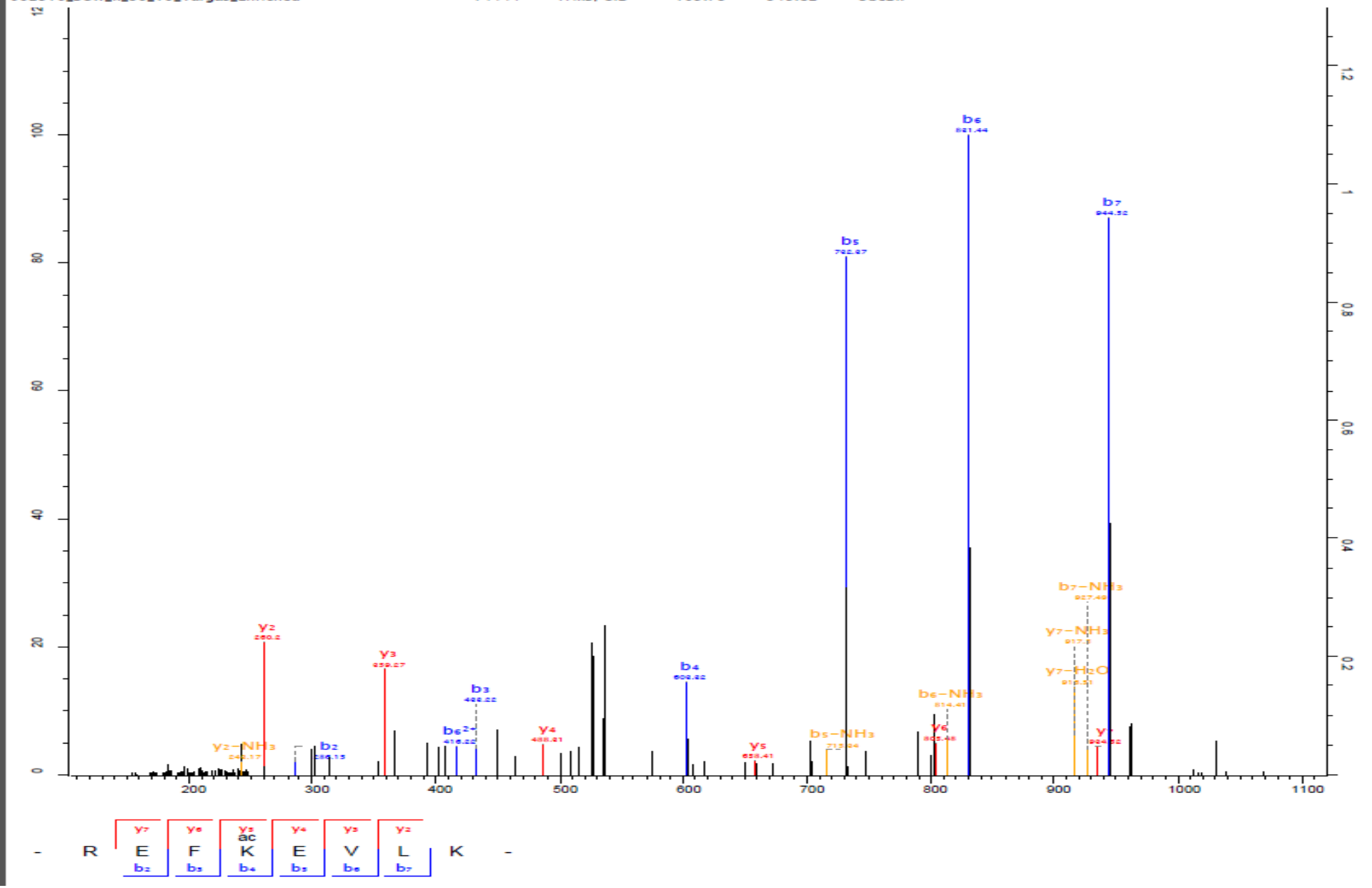
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
982.1856	981.5972	491.5965	491.3022

[-] **Main Sequence Ions**

b	b^{+2}				y	y^{+2}
---	---	1	L	8	---	---
292.2111	146.6092	2	K(50.0248)	7	868.5131	434.7602
455.2744	228.1409	3	Y	6	690.3933	345.7003
526.3115	263.6594	4	A	5	527.3300	264.1686
623.3643	312.1858	5	P	4	456.2929	228.6501
736.4484	368.7278	6	L	3	359.2401	180.1237
807.4855	404.2464	7	A	2	246.1561	123.5817
---	---	8	R	1	175.1190	88.0631



Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_10_Vargas_Enriched	14444	ITMS; CID	109.79	545.82	Ube2k



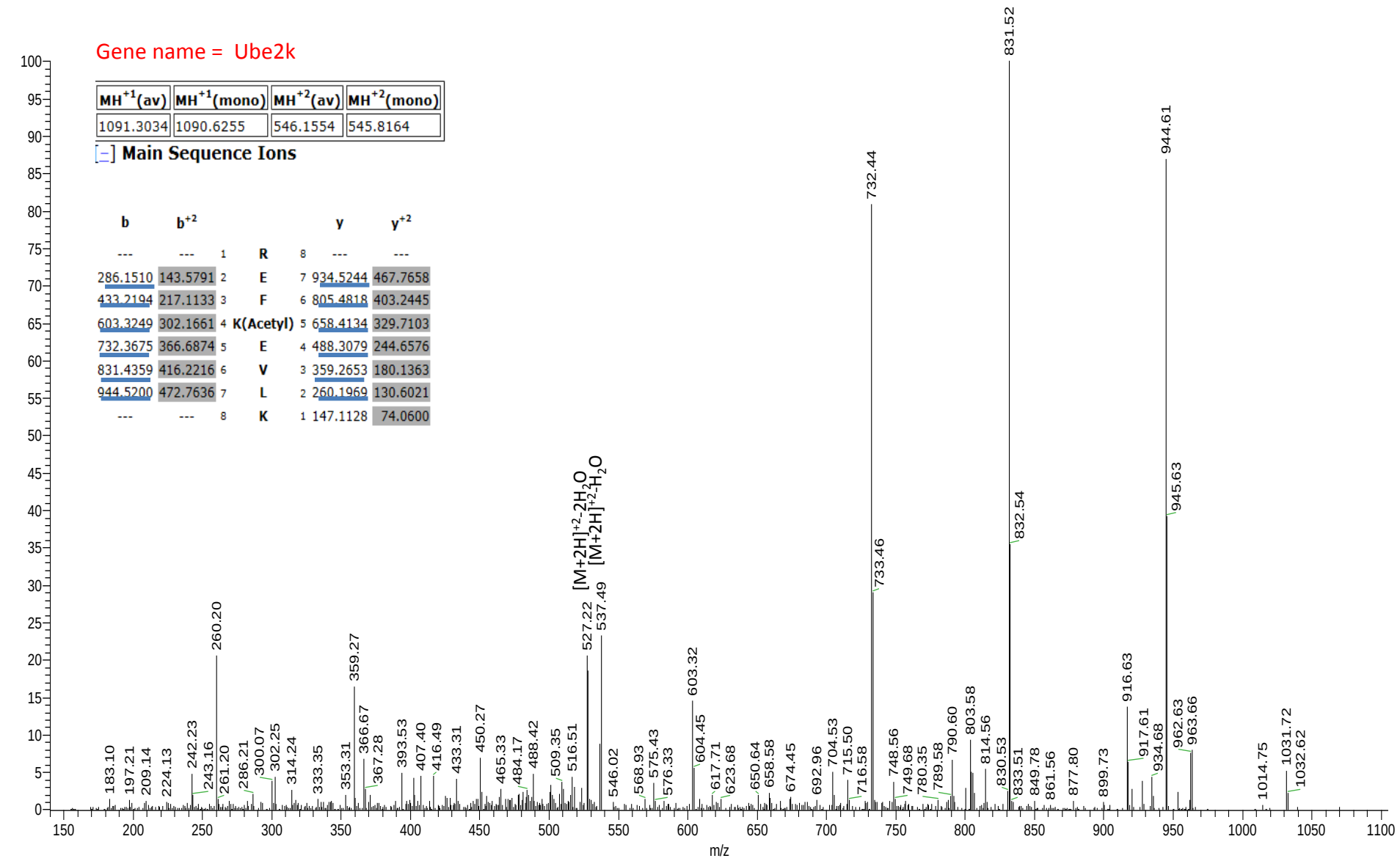
062513_SCW_II_53_10_Vargas_Enriched #14444 RT: 67.35 AV: 1 NL: 1.08E4
T: ITMS + c NSI d Full ms2 545.82@cid35.00 [140.00-1105.00]

Gene name = Ube2k

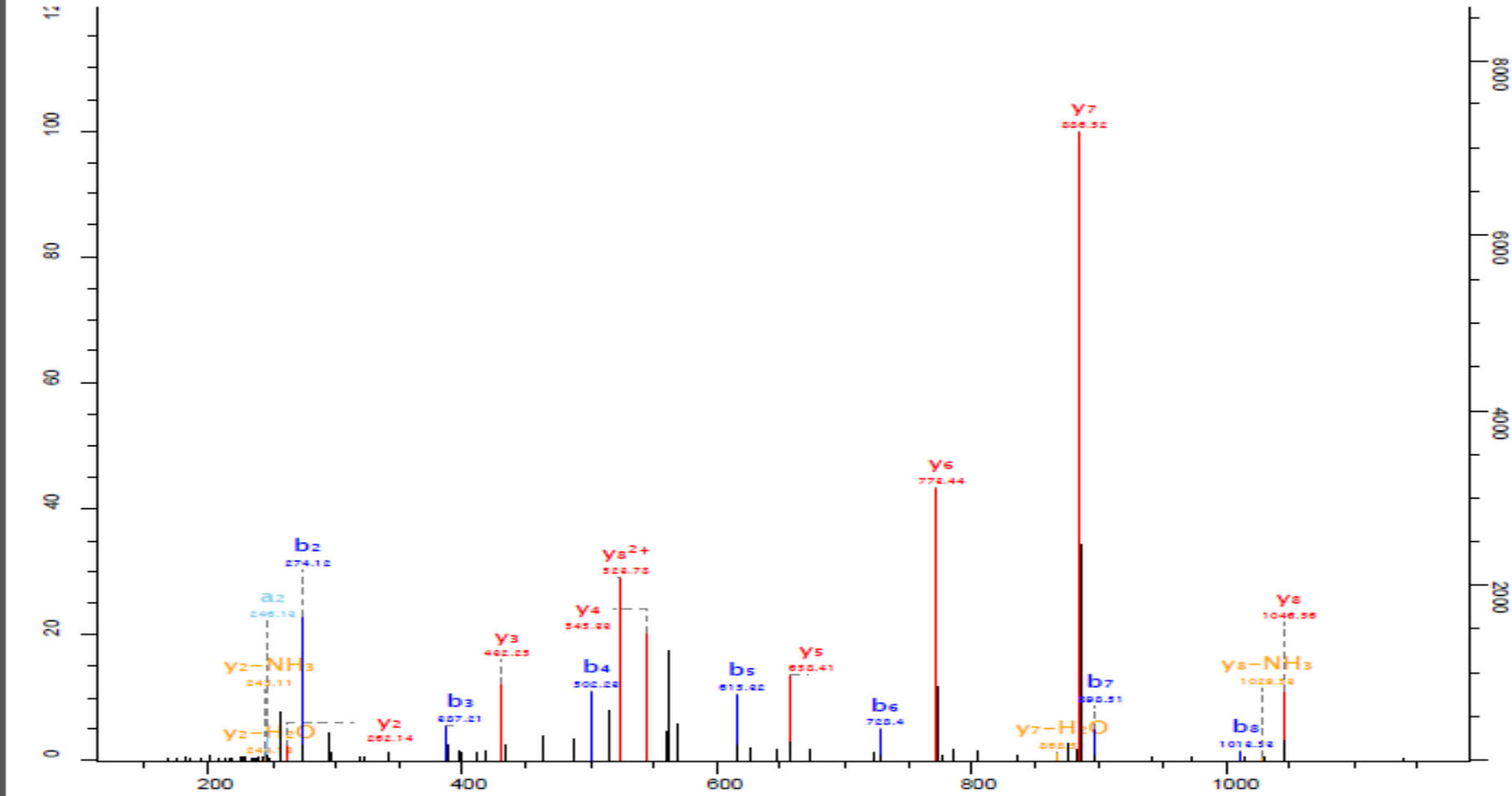
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1091.3034	1090.6255	546.1554	545.8164

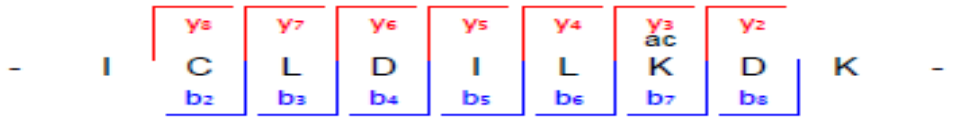
[–] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	R	8	---	---
286.1510	143.5791	2	E	7	934.5244	467.7658
433.2194	217.1133	3	F	6	805.4818	403.2445
603.3249	302.1661	4	K(Acetyl)	5	658.4134	329.7103
732.3675	366.6874	5	E	4	488.3079	244.6576
831.4359	416.2216	6	V	3	359.2653	180.1363
944.5200	472.7636	7	L	2	260.1969	130.6021
---	---	8	K	1	147.1128	74.0600



Raw file	Scan	Method	Score	m/z	Gene names
052413_SCW_II_29_Second_ZT_19_4	14744	ITMS; CID	110.39	580.32	Ube2n





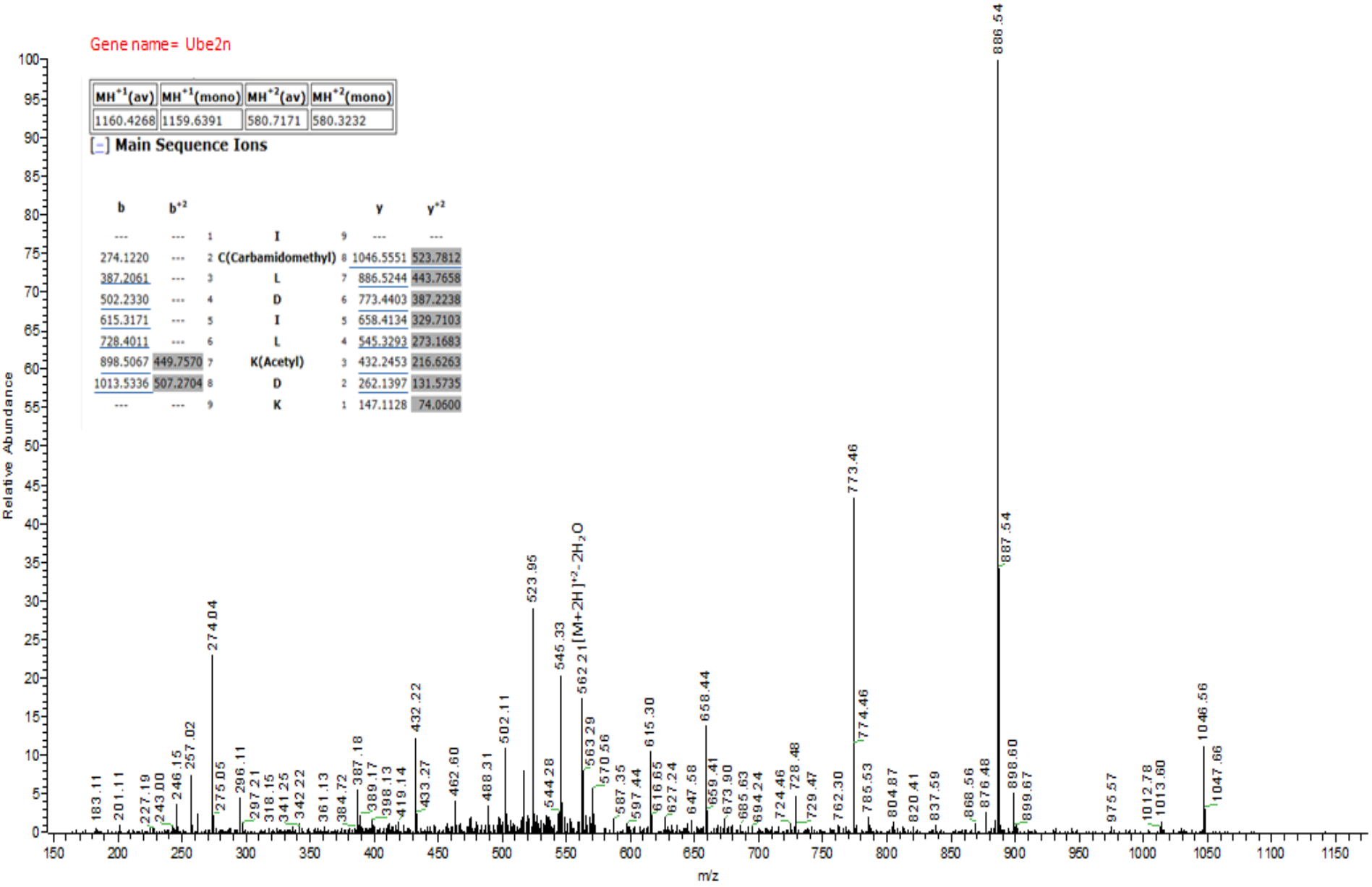
052413_SCW_II_29_Second_ZT_19_4 #14744 RT: 80.94 AV: 1 NL: 7.20E3
T: ITMS + c NSI d Full ms2 580.32@cid35.00 [145.00-1175.00]

Gene name= Ube2n

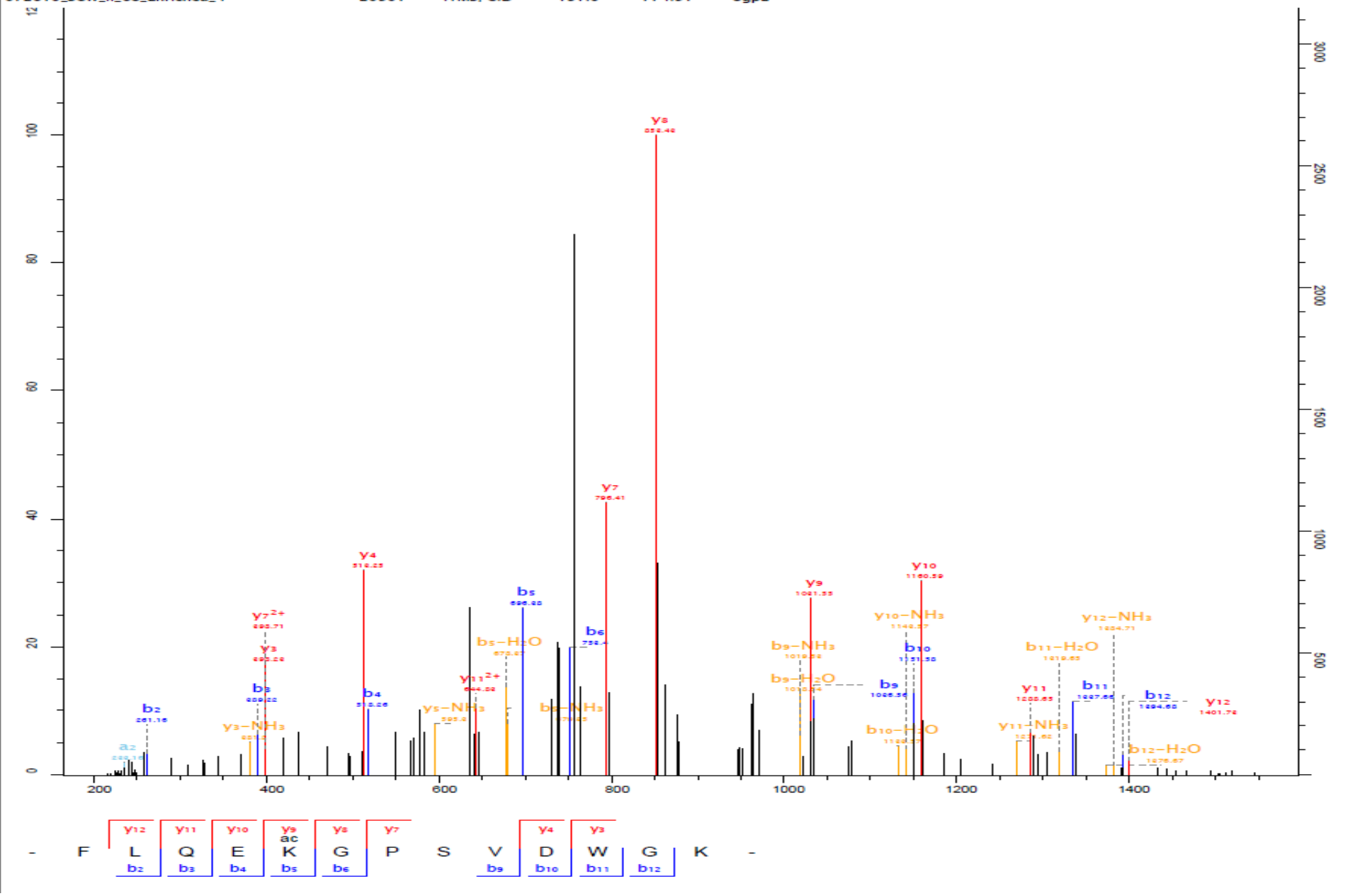
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1160.4268	1159.6391	580.7171	580.3232

[-] **Main Sequence Ions**

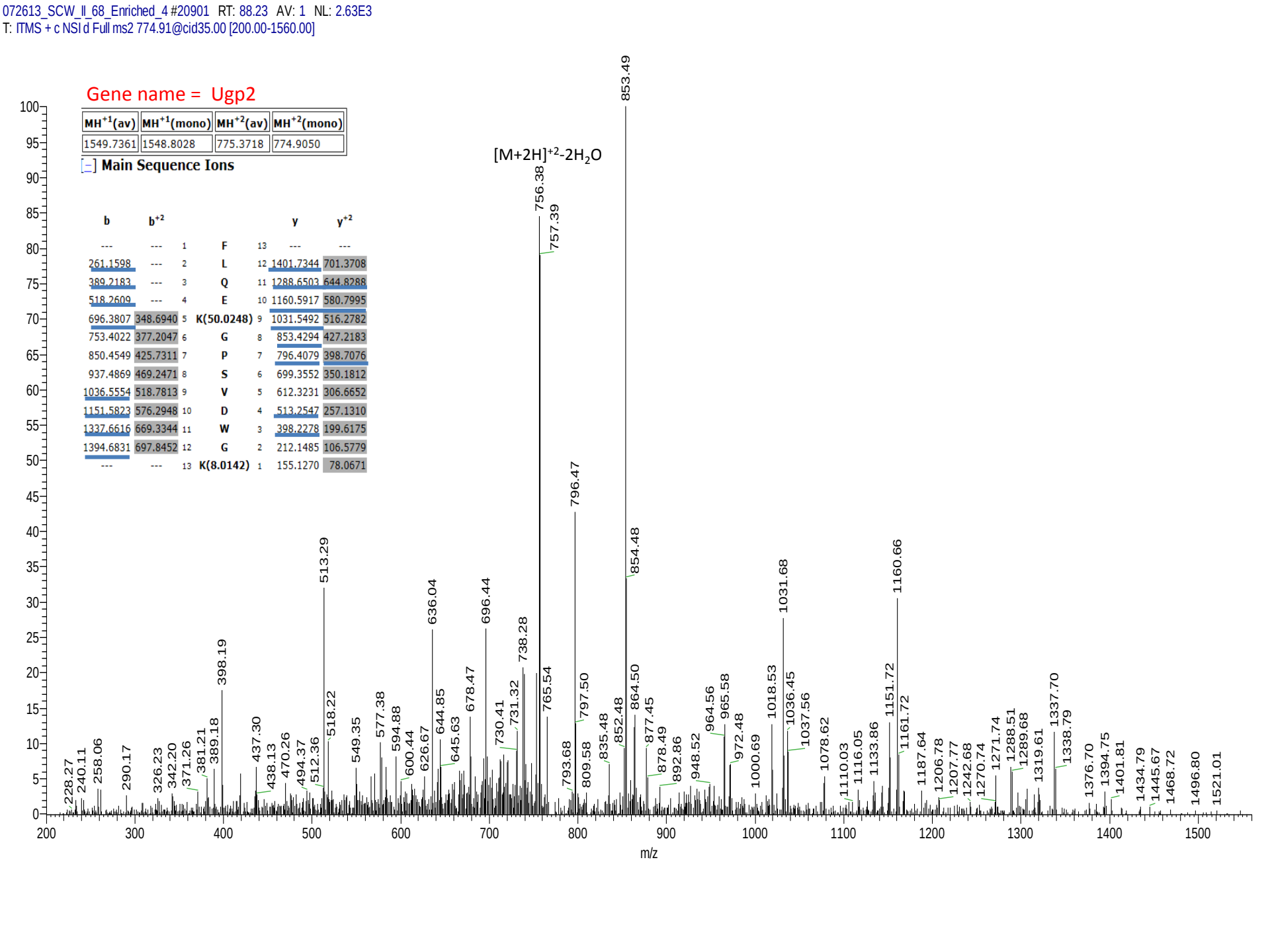
b	b^{+2}				y	y^{+2}
---	---	1	I	9	---	---
274.1220	---	2	C(Carbamidomethyl)	8	1046.5551	523.7812
387.2061	---	3	L	7	886.5244	443.7658
502.2330	---	4	D	6	773.4403	387.2238
615.3171	---	5	I	5	658.4134	329.7103
728.4011	---	6	L	4	545.3293	273.1683
898.5067	449.7570	7	K(Acetyl)	3	432.2453	216.6263
1013.5336	507.2704	8	D	2	262.1397	131.5735
---	---	9	K	1	147.1128	74.0600



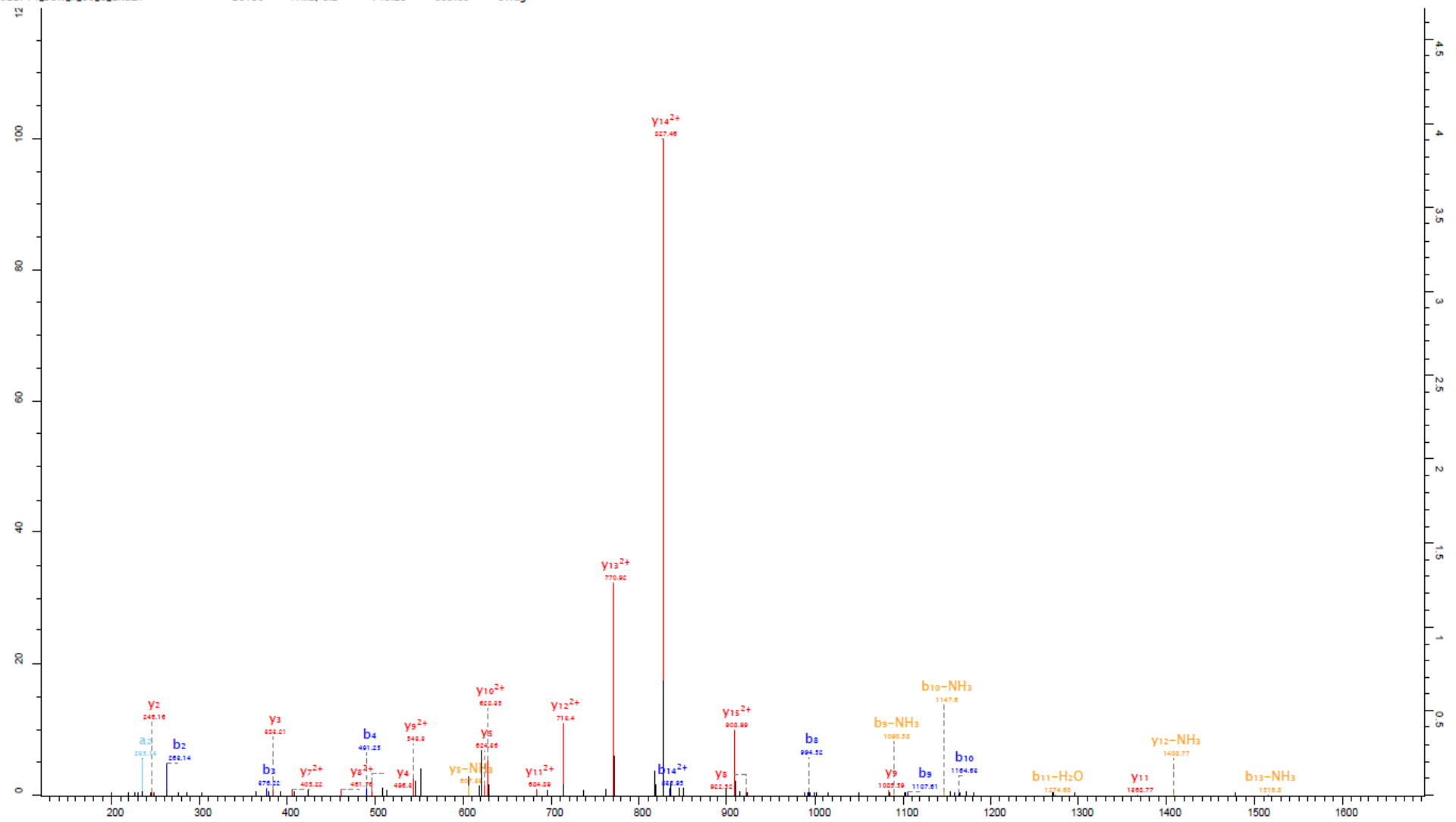
Raw file	Scan	Method	Score	m/z	Gene names
072613_SCW_II_68_Enriched_4	20901	ITMS; CID	151.3	774.91	Ugp2

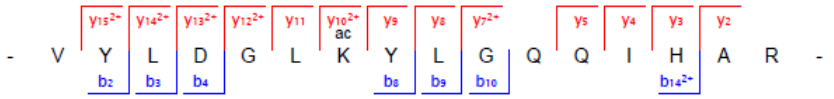


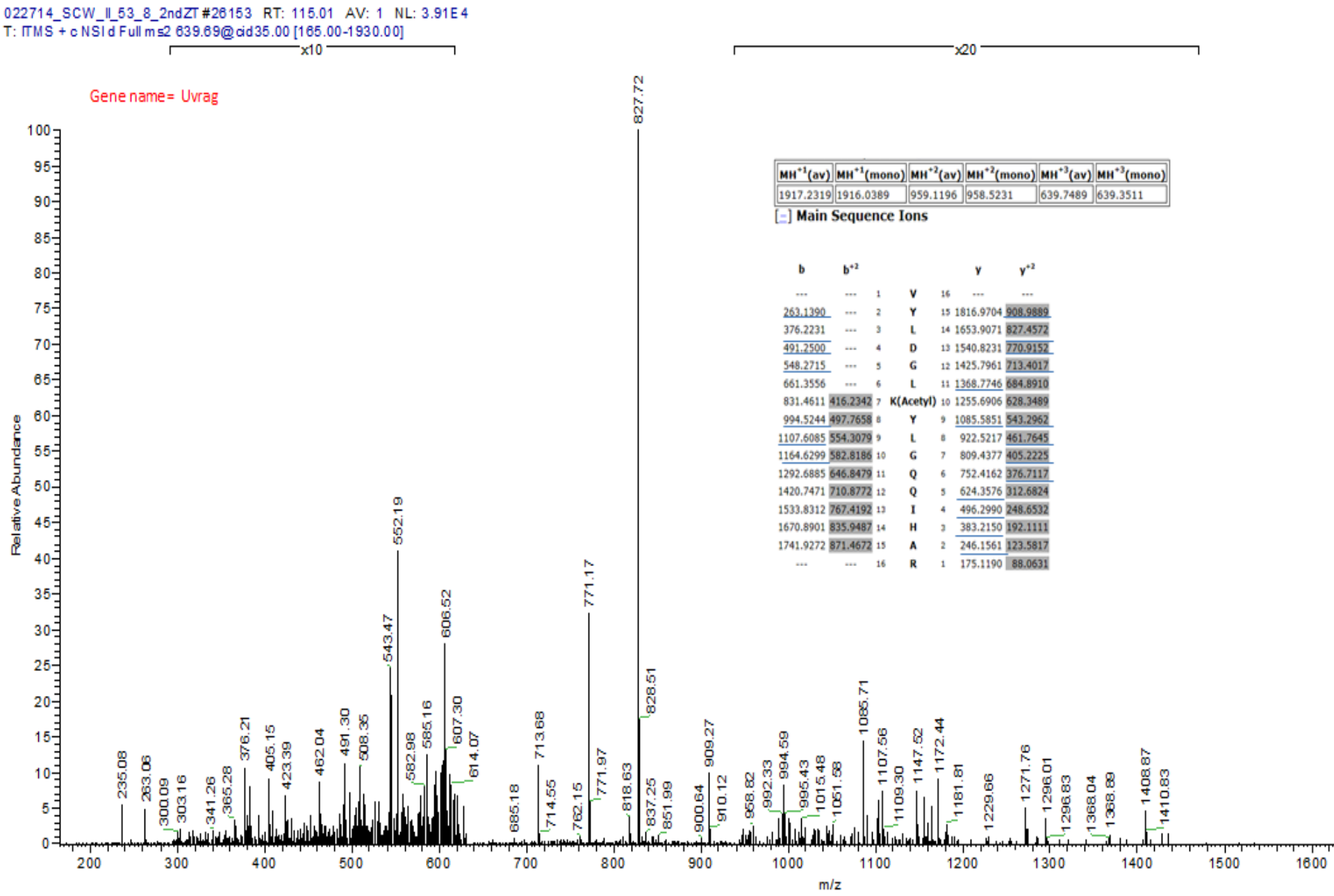
-	F	L	Q	E	K (ac)	G	P	S	V	D	W	G	K	-
		y12 / b2	y11 / b3	y10 / b4	y9 / b5	y8 / b6	y7		b9	y4 / b10	y3 / b11	b12		


072613_SCW_II_68_Enriched_4 #20901 RT: 88.23 AV: 1 NL: 2.63E3
T: ITMS + c NSI d Full ms2 774.91@cid35.00 [200.00-1560.00]
Gene name = Ugp2
MH+1(av) MH+1(mono) MH+2(av) MH+2(mono)
1549.7361 1548.8028 775.3718 774.9050
Main Sequence Ions
b b+2 y y+2
--- --- 1 F 13 --- ---
261.1598 --- 2 L 12 1401.7344 701.3708
389.2183 --- 3 Q 11 1288.6503 644.8288
518.2609 --- 4 E 10 1160.5917 580.7995
696.3807 348.6940 5 K(50.0248) 9 1031.5492 516.2782
753.4022 377.2047 6 G 8 853.4294 427.2183
850.4549 425.7311 7 P 7 796.4079 398.7076
937.4869 469.2471 8 S 6 699.3552 350.1812
1036.5554 518.7813 9 V 5 612.3231 306.6652
1151.5823 576.2948 10 D 4 513.2547 257.1310
1337.6616 669.3344 11 W 3 398.2278 199.6175
1394.6831 697.8452 12 G 2 212.1485 106.5779
--- --- 13 K(8.0142) 1 155.1270 78.0671
[M+2H]+2-2H2O
853.49
756.38
757.39
796.47
854.48
513.29
636.04
696.44
738.28
398.19
1031.68
1160.66
m/z

Raw file	Scan	Method	Score	m/z	Gene names
022714_SCW_II_53_8_2ndZT	26153	ITMS; CID	143.25	639.69	Uvrag





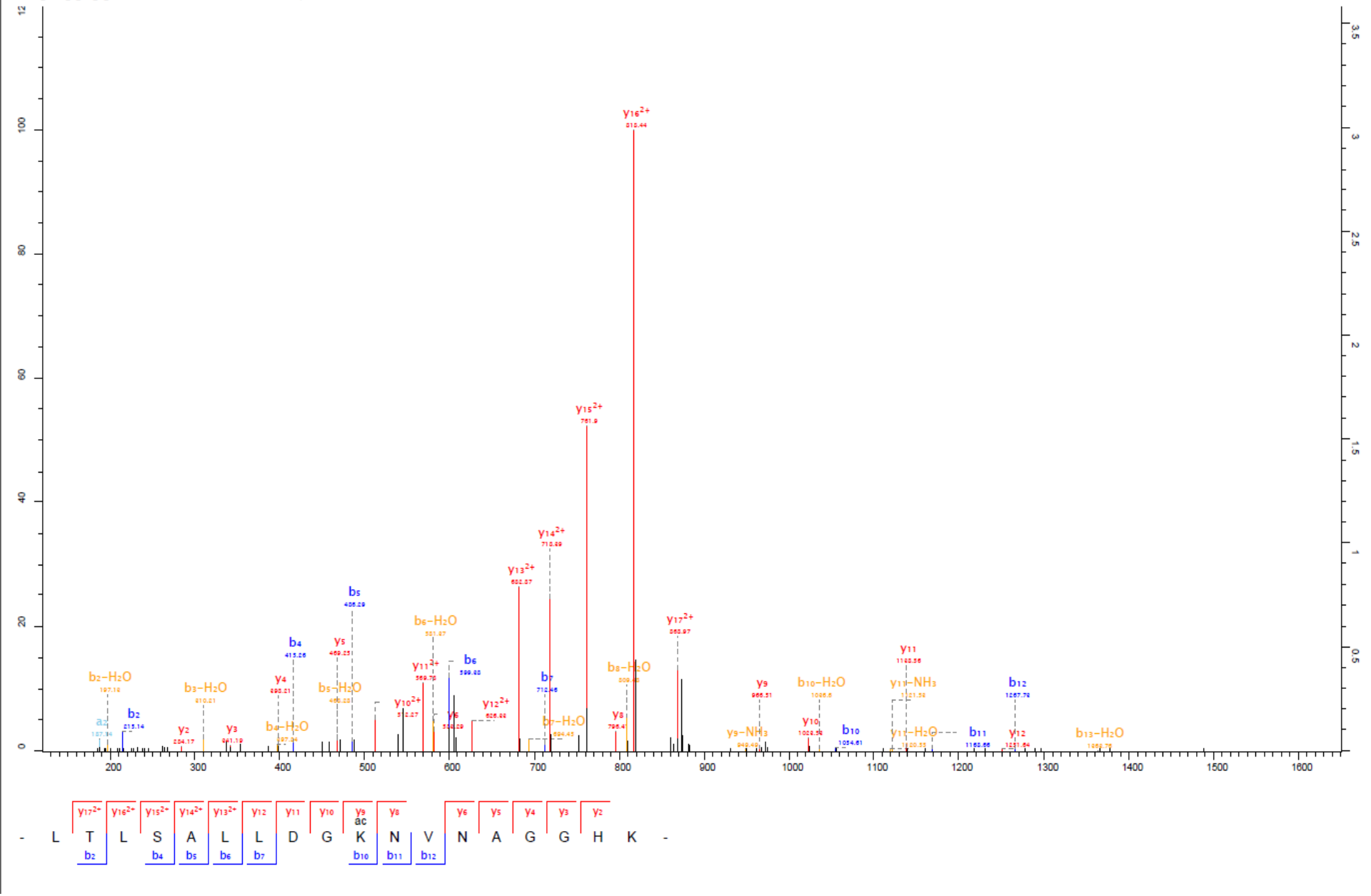


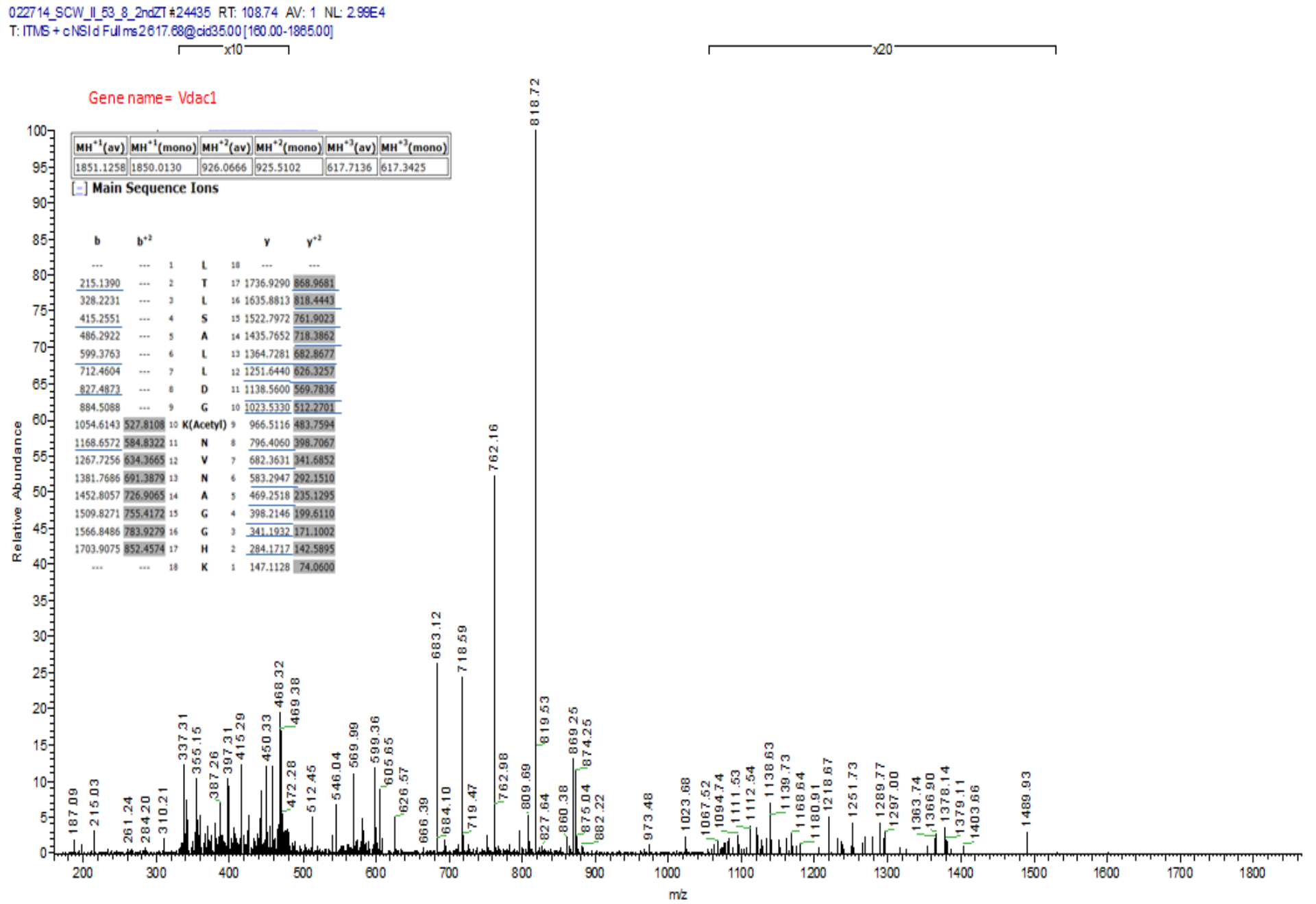
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)	MH^{+3}(av)	MH^{+3}(mono)
1917.2319	1916.0389	959.1196	958.5231	639.7489	639.3511

[-] **Main Sequence Ions**

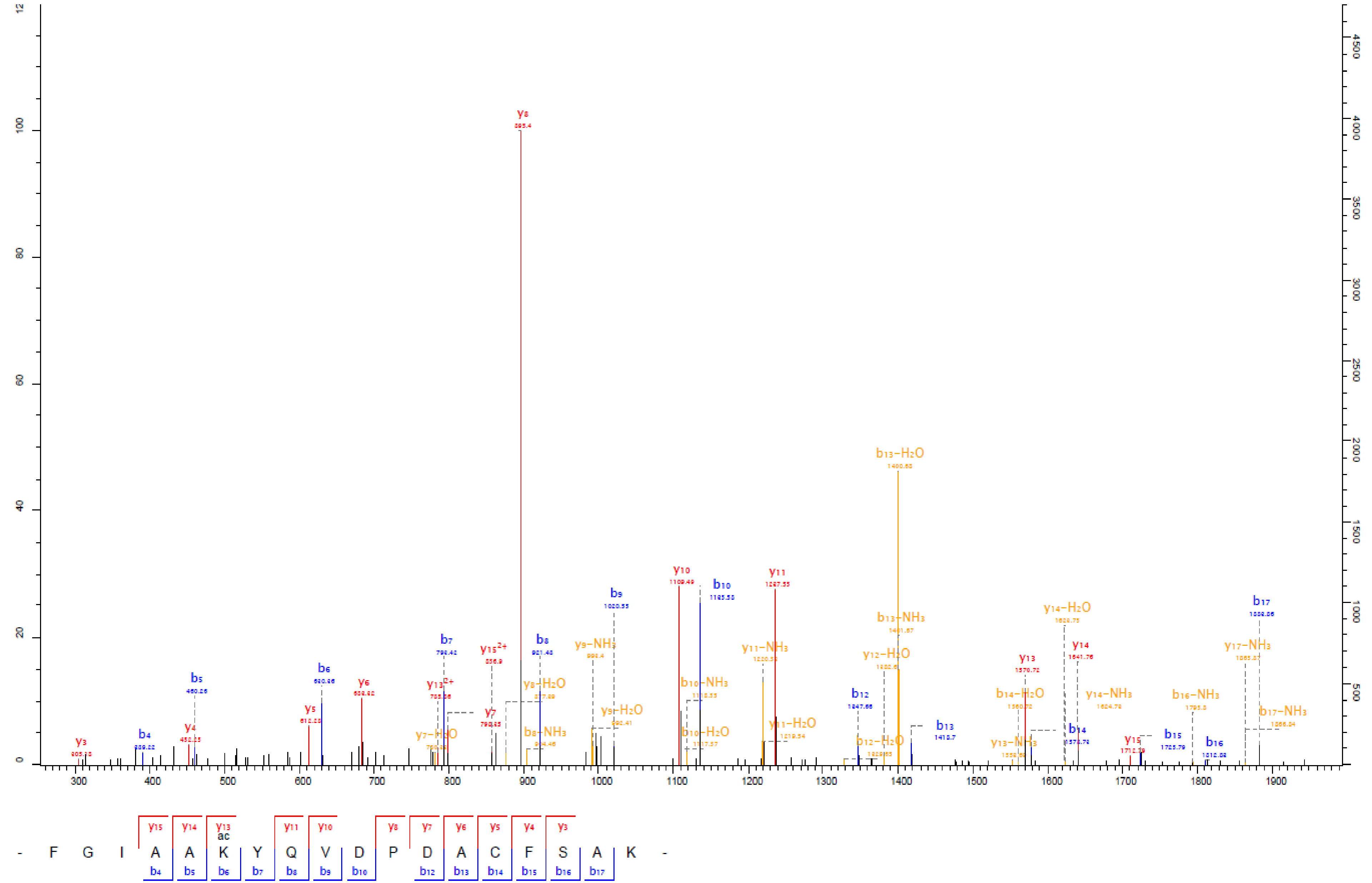
b	b^{+2}				y	y^{+2}
---	---	1	V	16	---	---
263.1390	---	2	Y	15	1816.9704	908.9889
376.2231	---	3	L	14	1653.9071	827.4572
491.2500	---	4	D	13	1540.8231	770.9152
548.2715	---	5	G	12	1425.7961	713.4017
661.3556	---	6	L	11	1368.7746	684.8910
831.4611	416.2342	7	K(Acetyl)	10	1255.6906	628.3489
994.5244	497.7658	8	Y	9	1085.5851	543.2962
1107.6085	554.3079	9	L	8	922.5217	461.7645
1164.6299	582.8186	10	G	7	809.4377	405.2225
1292.6885	646.8479	11	Q	6	752.4162	376.7117
1420.7471	710.8772	12	Q	5	624.3576	312.6824
1533.8312	767.4192	13	I	4	496.2990	248.6532
1670.8901	835.9487	14	H	3	383.2150	192.1111
1741.9272	871.4672	15	A	2	246.1561	123.5817
---	---	16	R	1	175.1190	88.0631

Raw file	Scan	Method	Score	m/z	Gene names
022714_SCW_II_53_8_2ndZT	24435	ITMS; CID	147.75	617.68	Vdac1




022714_SCW_II_53_8_2ndZT #24435 RT: 108.74 AV: 1 NL: 2.99E4
T: ITMS + c NSI d Full ms2 617.68@cid35.00 [160.00-1865.00]
x10
x20
Gene name= Vdac1
MH+1(av) MH+1(mono) MH+2(av) MH+2(mono) MH+3(av) MH+3(mono)
1851.1258 1850.0130 926.0666 925.5102 617.7136 617.3425
[-] Main Sequence Ions
b b+2 y y+2
--- --- 1 L 18 --- ---
215.1390 --- 2 T 17 1736.9290 868.9681
328.2231 --- 3 L 16 1635.8813 818.4443
415.2551 --- 4 S 15 1522.7972 761.9023
486.2922 --- 5 A 14 1435.7652 718.3862
599.3763 --- 6 L 13 1364.7281 682.8677
712.4604 --- 7 L 12 1251.6440 626.3257
827.4873 --- 8 D 11 1138.5600 569.7836
884.5088 --- 9 G 10 1023.5330 512.2701
1054.6143 527.8108 10 K(Acetyl) 9 966.5116 483.7594
1168.6572 584.8322 11 N 8 796.4060 398.7067
1267.7256 634.3665 12 V 7 682.3631 341.6852
1381.7686 691.3879 13 N 6 583.2947 292.1510
1452.8057 726.9065 14 A 5 469.2518 235.1295
1509.8271 755.4172 15 G 4 398.2146 199.6110
1566.8486 783.9279 16 G 3 341.1932 171.1002
1703.9075 852.4574 17 H 2 284.1717 142.5895
--- --- 18 K 1 147.1128 74.0600
Relative Abundance
m/z
818.72
762.16
683.12
718.59
819.53
468.32
469.38
337.31
355.15
415.29
397.31
450.33
599.36
605.65
569.99
546.04
626.57
869.25
874.25
762.98
719.47
684.10
809.69
827.64
860.38
875.04
882.22
973.48
1023.68
1067.52
1094.74
1111.53
1112.54
1138.63
1139.73
1168.64
1180.91
1218.67
1251.73
1289.77
1297.00
1363.74
1366.90
1378.14
1379.11
1403.66
1489.93
187.09
215.03
261.24
284.20
310.21
387.26
472.28
512.45

Raw file	Scan	Method	Score	m/z	Gene names
022814_SCW_II_68_4_2ndZT	24660	ITMS; CID	201.9	1015.49	Vdac1



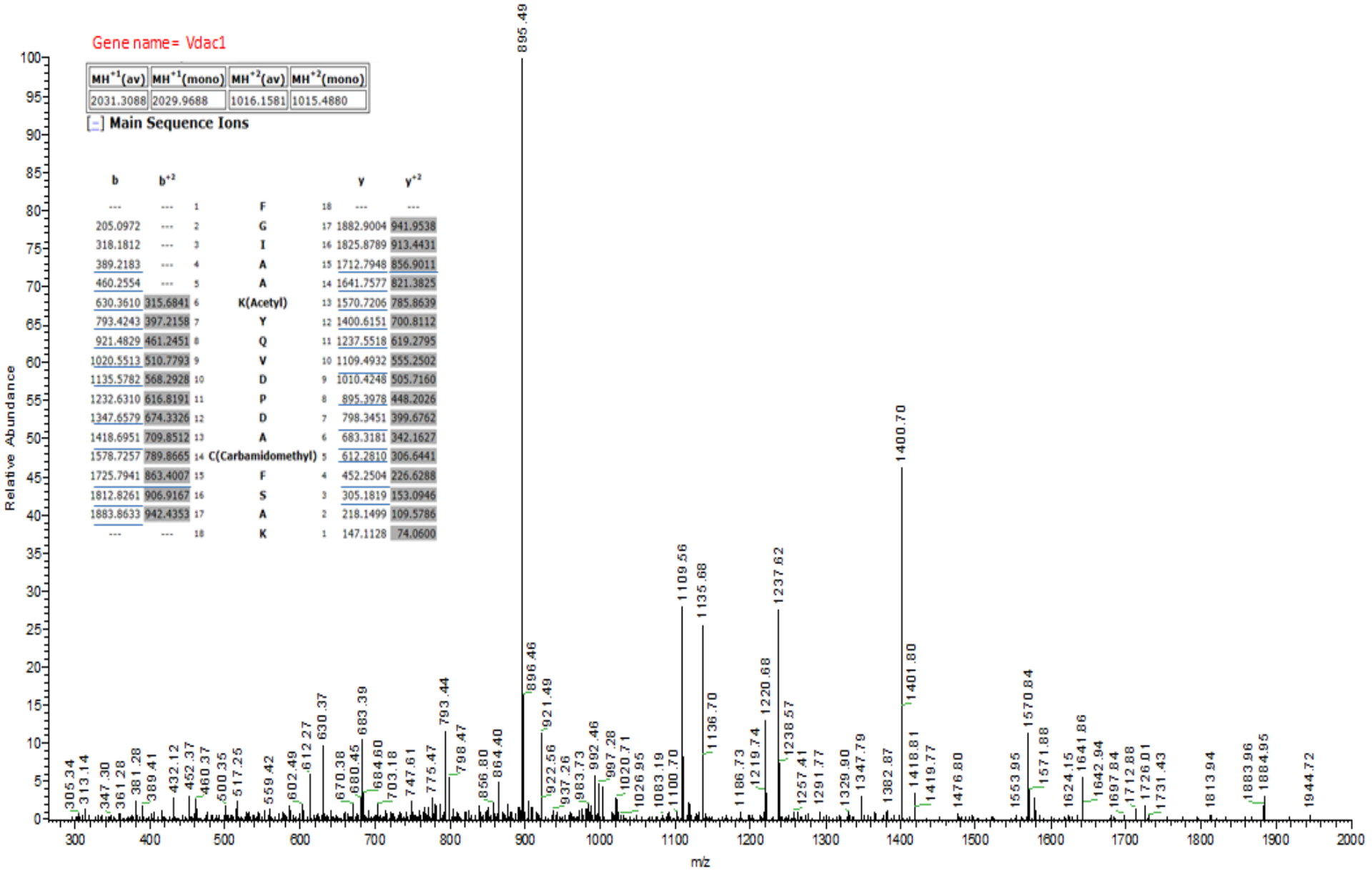
022814_SCW_II_68_4_2ndZ1#24660 RT: 108.64 AV: 1 NL: 3.93E3
T: ITMS + c NSI d Full ms2 1015.49@cid35.00 [265.00-2000.00]

Gene name= Vdac1

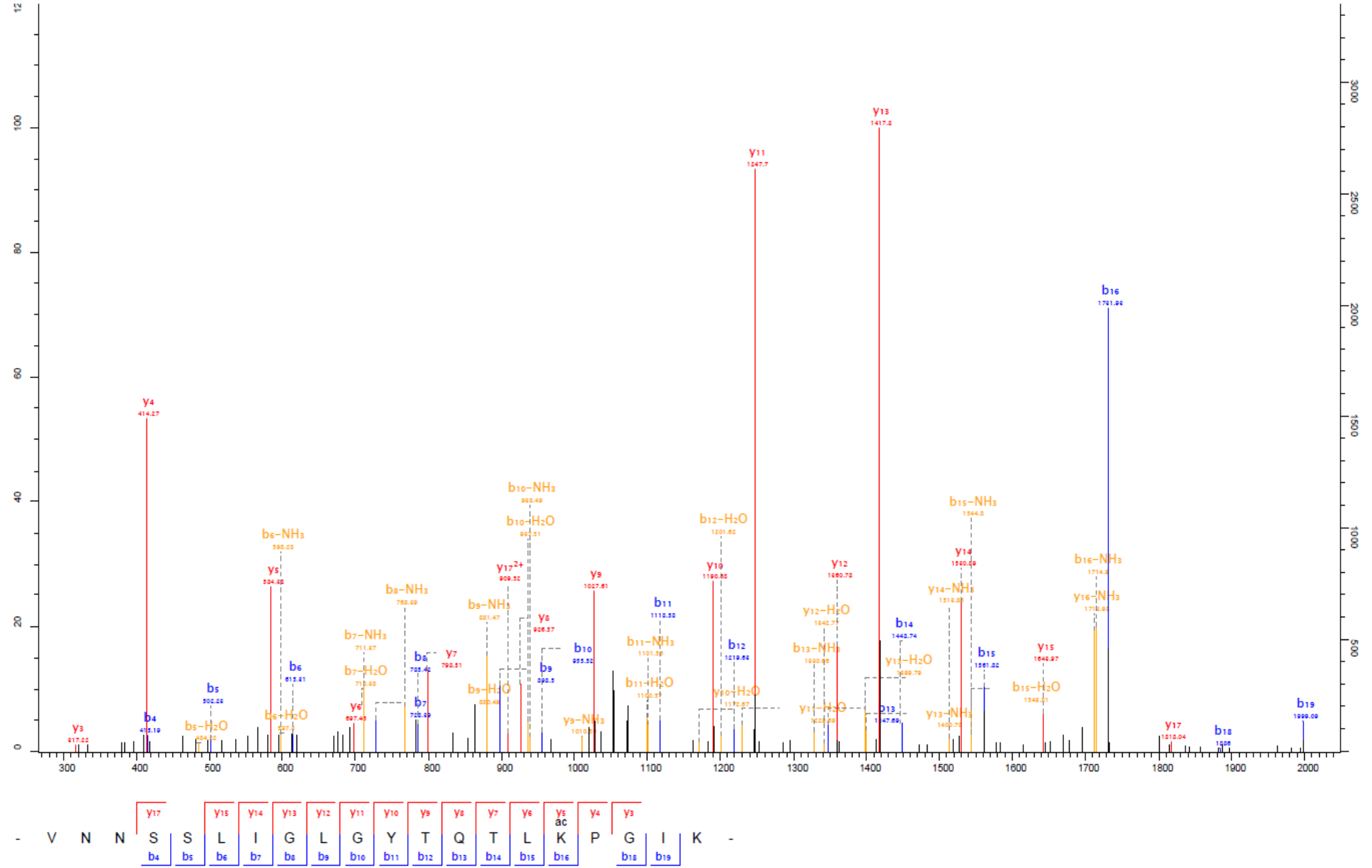
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
2031.3088	2029.9688	1016.1581	1015.4880

[-] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	F	18	---	---
205.0972	---	2	G	17	1882.9004	941.9538
318.1812	---	3	I	16	1825.8789	913.4431
389.2183	---	4	A	15	1712.7948	856.9011
460.2554	---	5	A	14	1641.7577	821.3825
630.3610	315.6841	6	K(Acetyl)	13	1570.7206	785.8639
793.4243	397.2158	7	Y	12	1400.6151	700.8112
921.4829	461.2451	8	Q	11	1237.5518	619.2795
1020.5513	510.7793	9	V	10	1109.4932	555.2502
1135.5782	568.2928	10	D	9	1010.4248	505.7160
1232.6310	616.8191	11	P	8	895.3978	448.2026
1347.6579	674.3326	12	D	7	798.3451	399.6762
1418.6951	709.8512	13	A	6	683.3181	342.1627
1578.7257	789.8665	14	C(Carbamidomethyl)	5	612.2810	306.6441
1725.7941	863.4007	15	F	4	452.2504	226.6288
1812.8261	906.9167	16	S	3	305.1819	153.0946
1883.8633	942.4353	17	A	2	218.1499	109.5786
---	---	18	K	1	147.1128	74.0600



Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_1_Vargas_Enriched	20495	ITMS; CID	254.54	1073.1	Vdac1



-	V	N	N	S	S	L	I	G	L	G	Y	T	Q	T	L	K	P	G	I	K	-
			y17		y15	y14	y13	y12	y11	y10	y9	y8	y7	y6	y5	y4	y3				
															ac						
				b4	b5	b6	b7	b8	b9	b10	b11	b12	b13	b14	b15	b16		b18	b19		

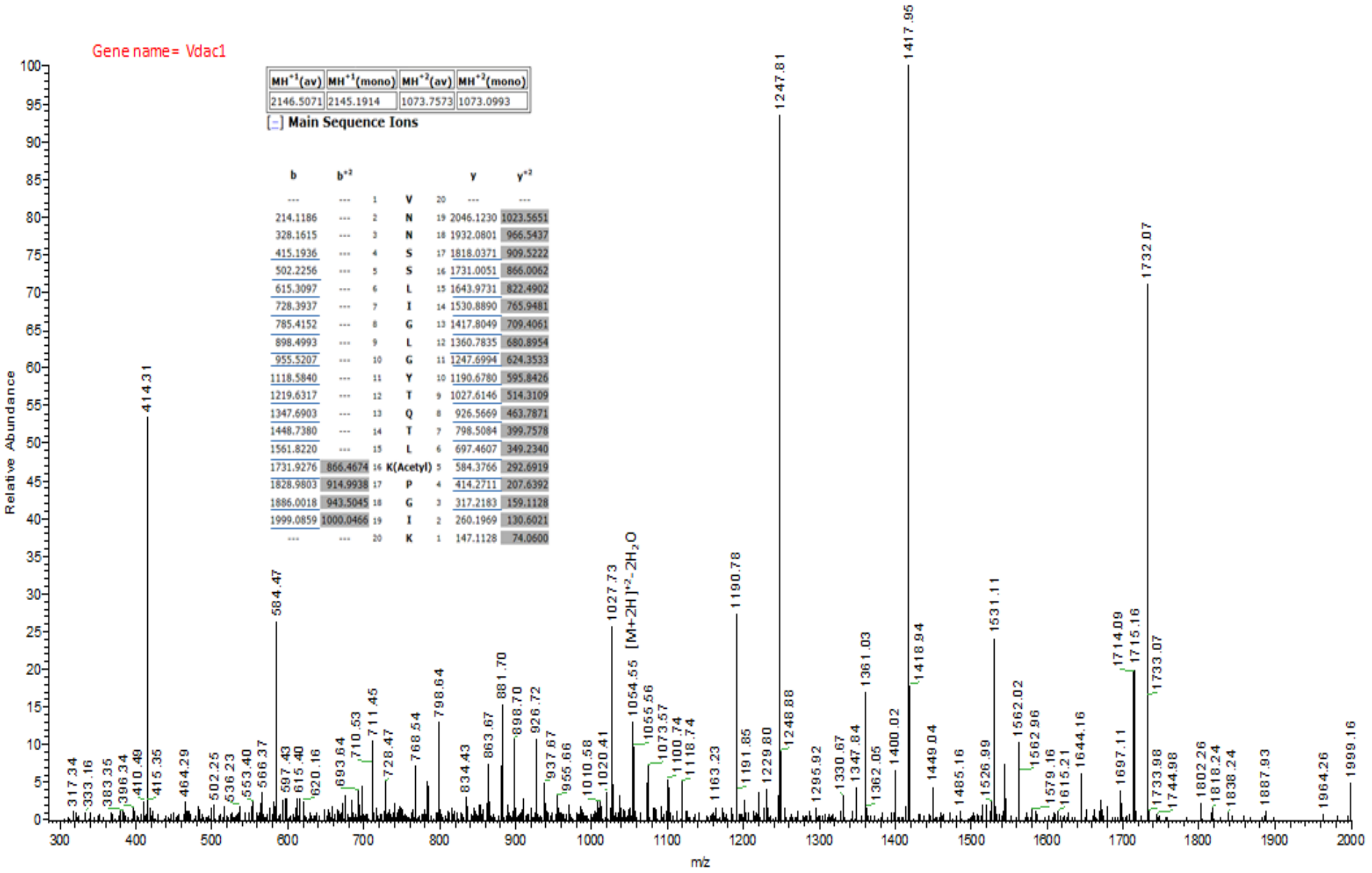
062513_SCW_II_53_1_Vargas_Enrichec #20495 RT: 94.35 AV: 1 NL: 2.79E3
T: ITMS + c NSI d Full ms2 1073.10@cid35.00 [285.00-2000.00]

Gene name= Vdac1

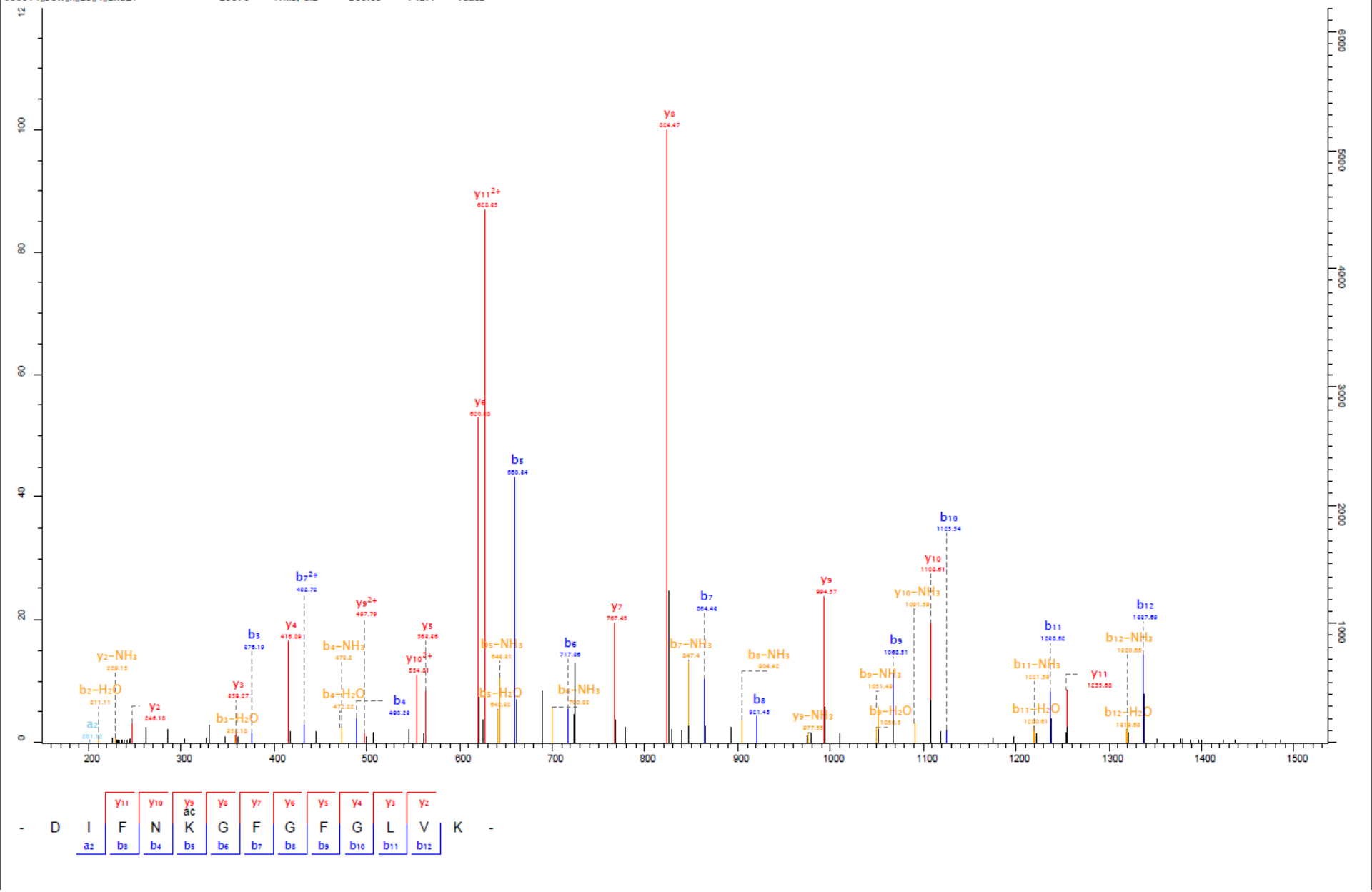
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
2146.5071	2145.1914	1073.7573	1073.0993

[-] Main Sequence Ions

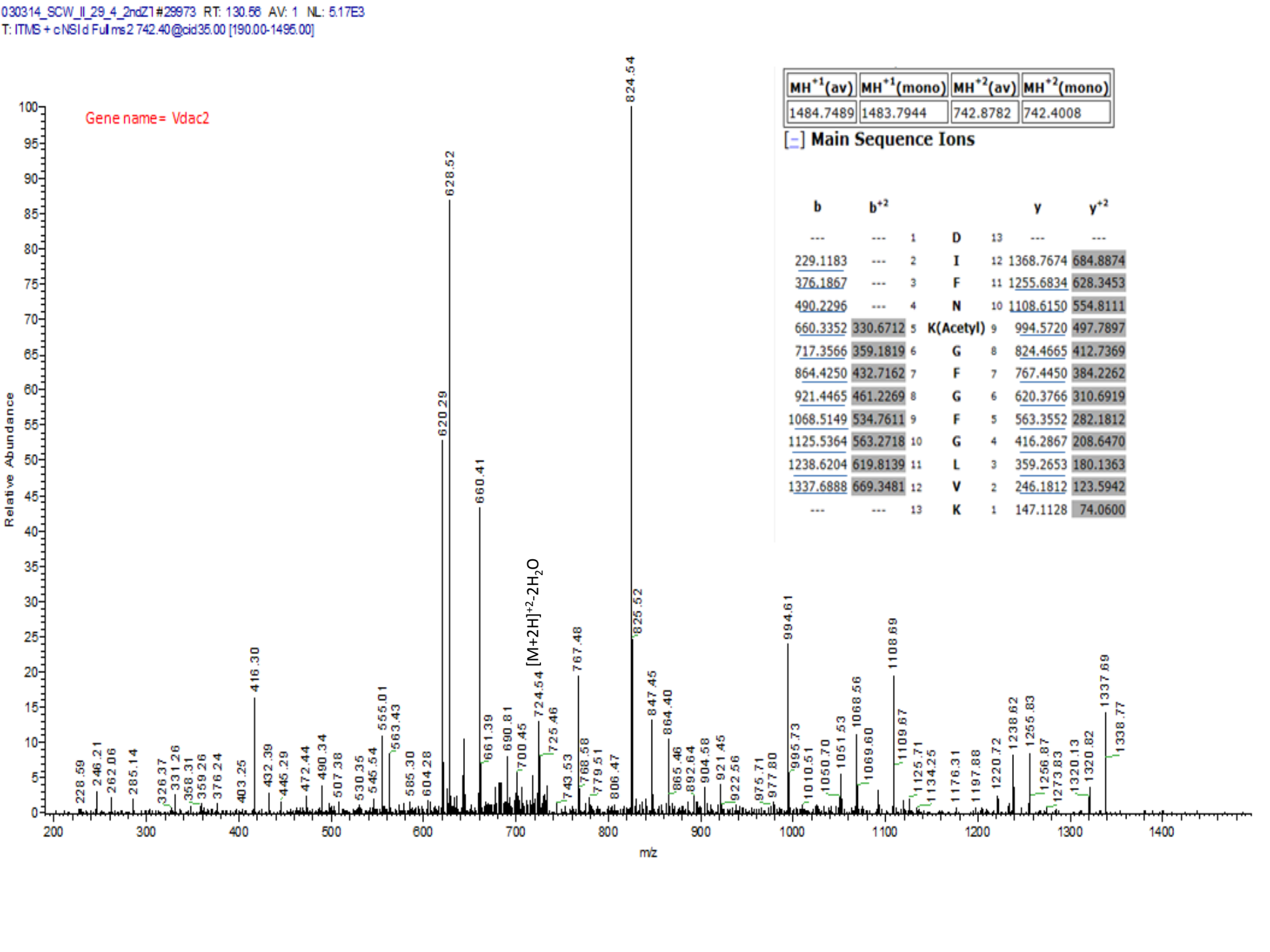
b	b^{+2}				y	y^{+2}
---	---	1	V	20	---	---
214.1186	---	2	N	19	2046.1230	1023.5651
328.1615	---	3	N	18	1932.0801	966.5437
415.1936	---	4	S	17	1818.0371	909.5222
502.2256	---	5	S	16	1731.0051	866.0062
615.3097	---	6	L	15	1643.9731	822.4902
728.3937	---	7	I	14	1530.8890	765.9481
785.4152	---	8	G	13	1417.8049	709.4061
898.4993	---	9	L	12	1360.7835	680.8954
955.5207	---	10	G	11	1247.6994	624.3533
1118.5840	---	11	Y	10	1190.6780	595.8426
1219.6317	---	12	T	9	1027.6146	514.3109
1347.6903	---	13	Q	8	926.5669	463.7871
1448.7380	---	14	T	7	798.5084	399.7578
1561.8220	---	15	L	6	697.4607	349.2340
1731.9276	866.4674	16	K(Acetyl)	5	584.3766	292.6919
1828.9803	914.9938	17	P	4	414.2711	207.6392
1886.0018	943.5045	18	G	3	317.2183	159.1128
1999.0859	1000.0466	19	I	2	260.1969	130.6021
---	---	20	K	1	147.1128	74.0600



Raw file	Scan	Method	Score	m/z	Gene names
030314_SCW_II_29_4_2ndZT	29973	ITMS; CID	263.89	742.4	Vdac2



-	D	I	F	N	K (ac)	G	F	G	F	G	L	V	K	-
		a2	b3	b4	b5	b6	b7	b8	b9	b10	b11	b12		
			y11	y10	y9	y8	y7	y6	y5	y4	y3	y2		

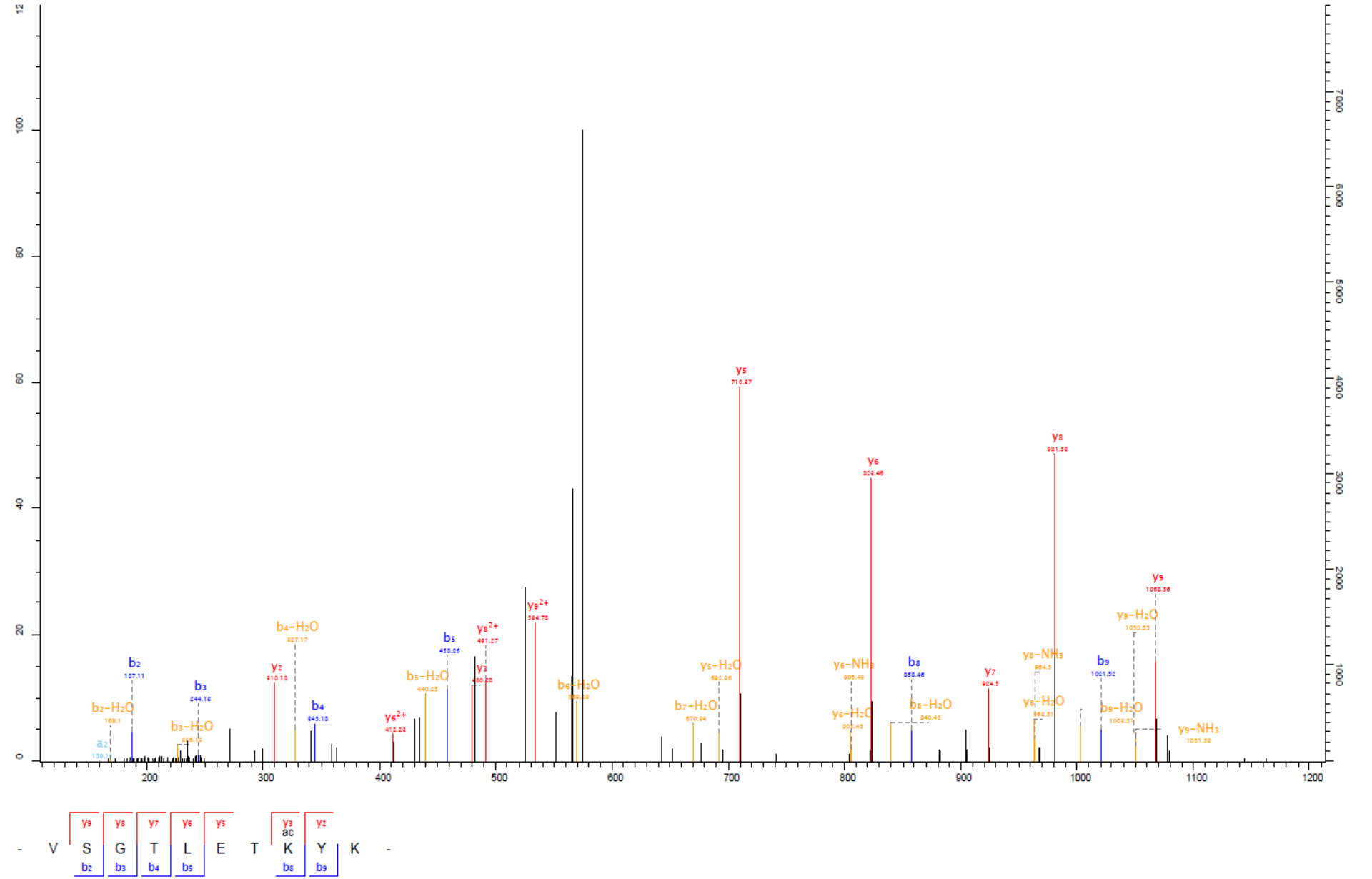


MH+1(av)	MH+1(mono)	MH+2(av)	MH+2(mono)
1484.7489	1483.7944	742.8782	742.4008

[-] Main Sequence Ions

b	b+2				y	y+2
---	---	1	D	13	---	---
229.1183	---	2	I	12	1368.7674	684.8874
376.1867	---	3	F	11	1255.6834	628.3453
490.2296	---	4	N	10	1108.6150	554.8111
660.3352	330.6712	5	K(Acetyl)	9	994.5720	497.7897
717.3566	359.1819	6	G	8	824.4665	412.7369
864.4250	432.7162	7	F	7	767.4450	384.2262
921.4465	461.2269	8	G	6	620.3766	310.6919
1068.5149	534.7611	9	F	5	563.3552	282.1812
1125.5364	563.2718	10	G	4	416.2867	208.6470
1238.6204	619.8139	11	L	3	359.2653	180.1363
1337.6888	669.3481	12	V	2	246.1812	123.5942
---	---	13	K	1	147.1128	74.0600

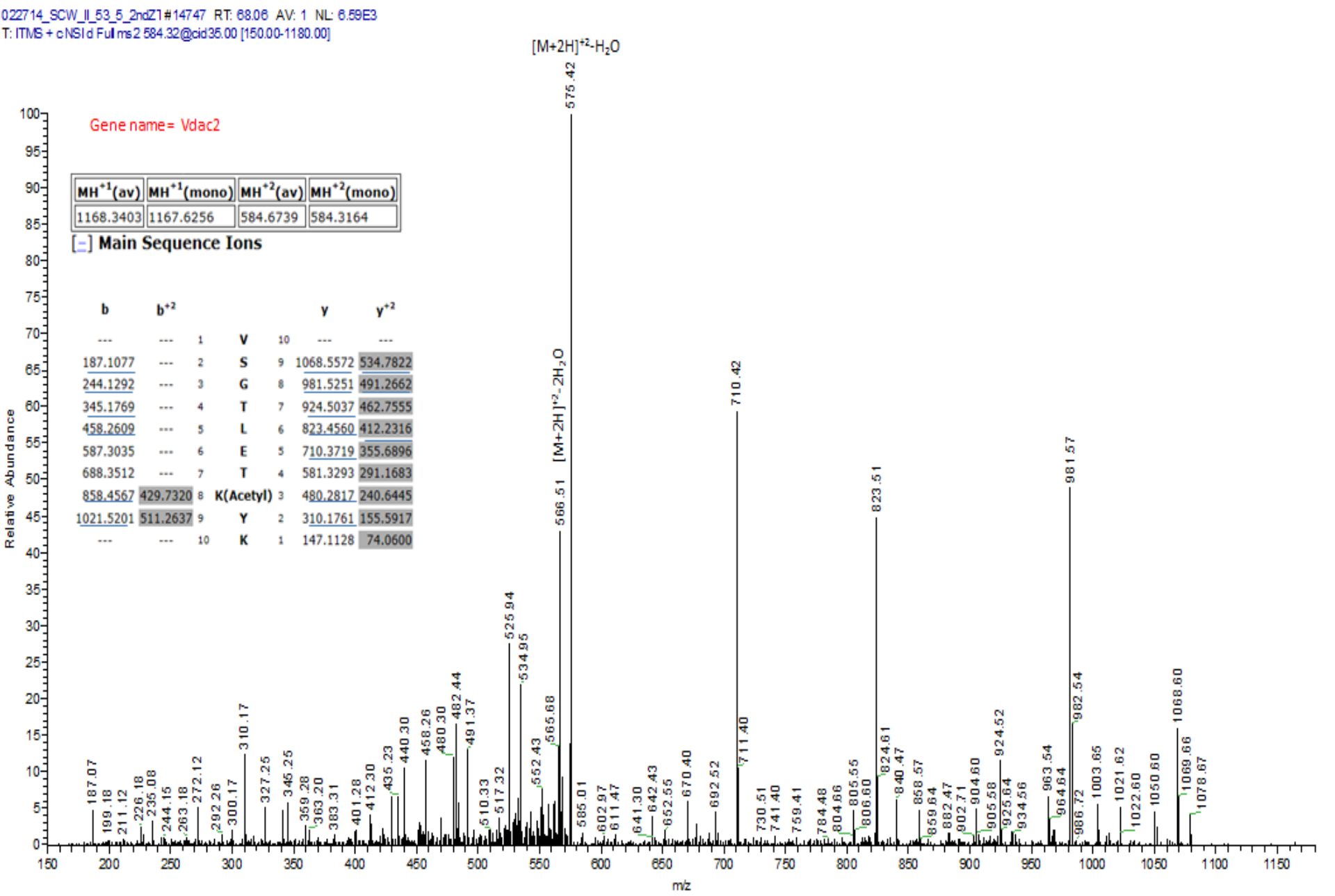
Raw file	Scan	Method	Score	m/z	Gene names
022714_SCW_II_53_5_2ndZT	14747	ITMS; CID	184.71	584.32	Vdac2



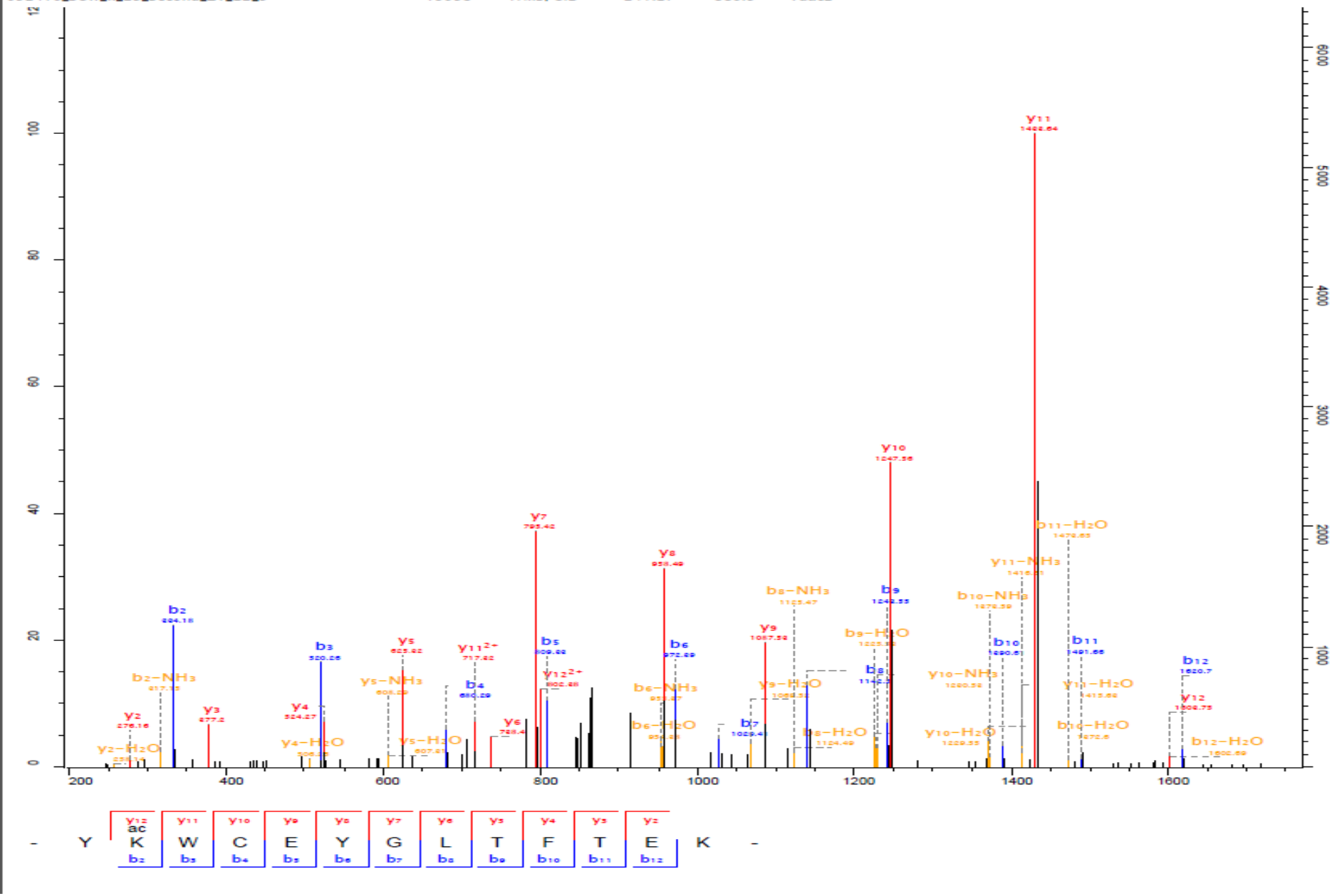
- V S G T L E T K Y K -

y9 y8 y7 y6 y5 y3 y2

b2 b3 b4 b5 ac b8 b9

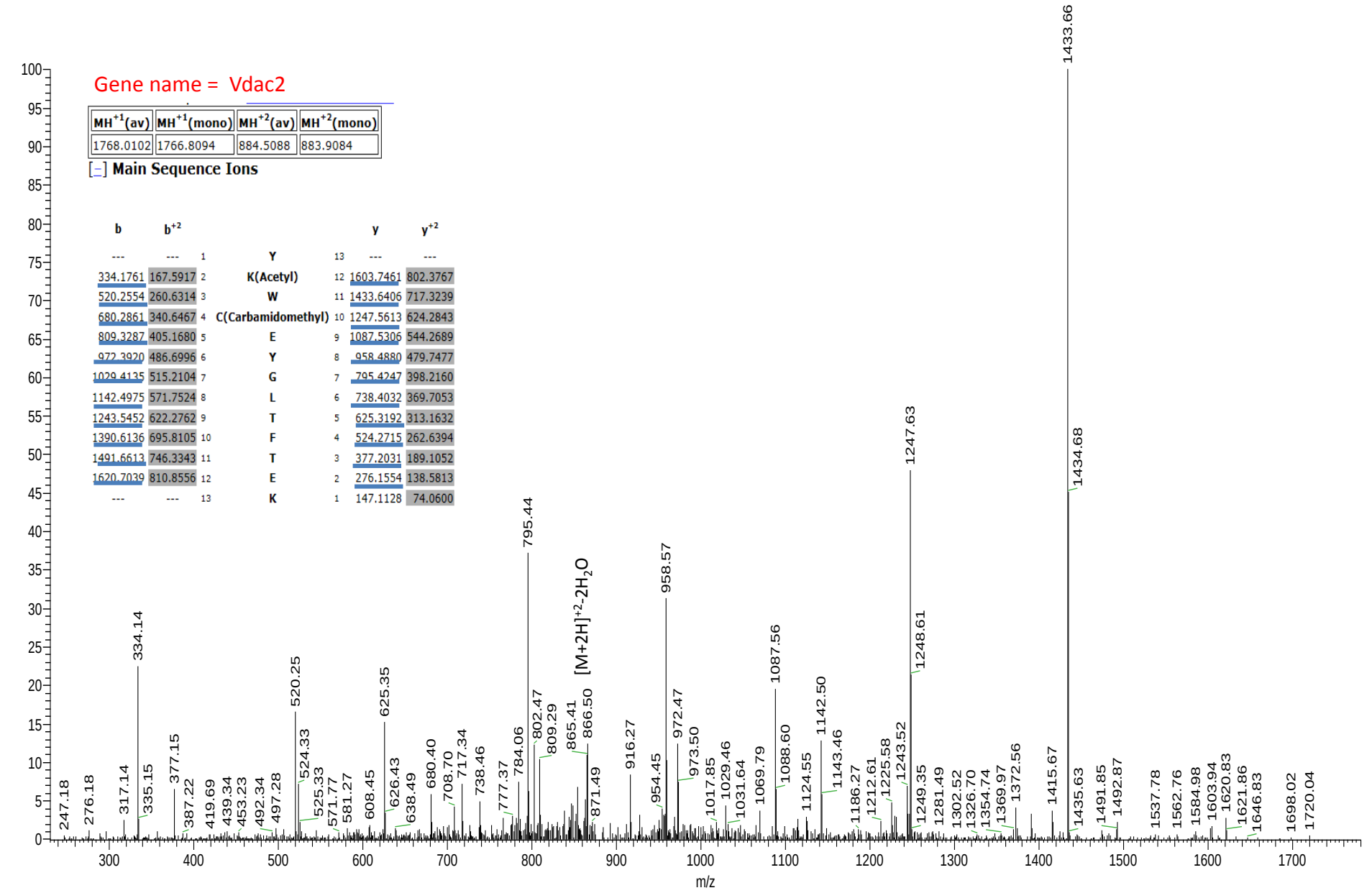

022714_SCW_II_53_5_2ndZ1#14747 RT: 68.06 AV: 1 NL: 6.59E3
T: ITMS + c NSI d Full ms2 584.32@cid35.00 [150.00-1180.00]
[M+2H]+2-H2O
575.42
Gene name= Vdac2
MH+1(av) MH+1(mono) MH+2(av) MH+2(mono)
1168.3403 1167.6256 584.6739 584.3164
[-] Main Sequence Ions
b b+2 y y+2
--- --- 1 V 10 --- ---
187.1077 --- 2 S 9 1068.5572 534.7822
244.1292 --- 3 G 8 981.5251 491.2662
345.1769 --- 4 T 7 924.5037 462.7555
458.2609 --- 5 L 6 823.4560 412.2316
587.3035 --- 6 E 5 710.3719 355.6896
688.3512 --- 7 T 4 581.3293 291.1683
858.4567 429.7320 8 K(Acetyl) 3 480.2817 240.6445
1021.5201 511.2637 9 Y 2 310.1761 155.5917
--- --- 10 K 1 147.1128 74.0600
[M+2H]+2-2H2O
566.51
710.42
981.57
823.51
525.94
534.95
482.44
Relative Abundance
m/z

Raw file	Scan	Method	Score	m/z	Gene names
052413_SCW_II_29_Second_ZT_22_5	15358	ITMS; CID	241.27	883.9	Vdac2

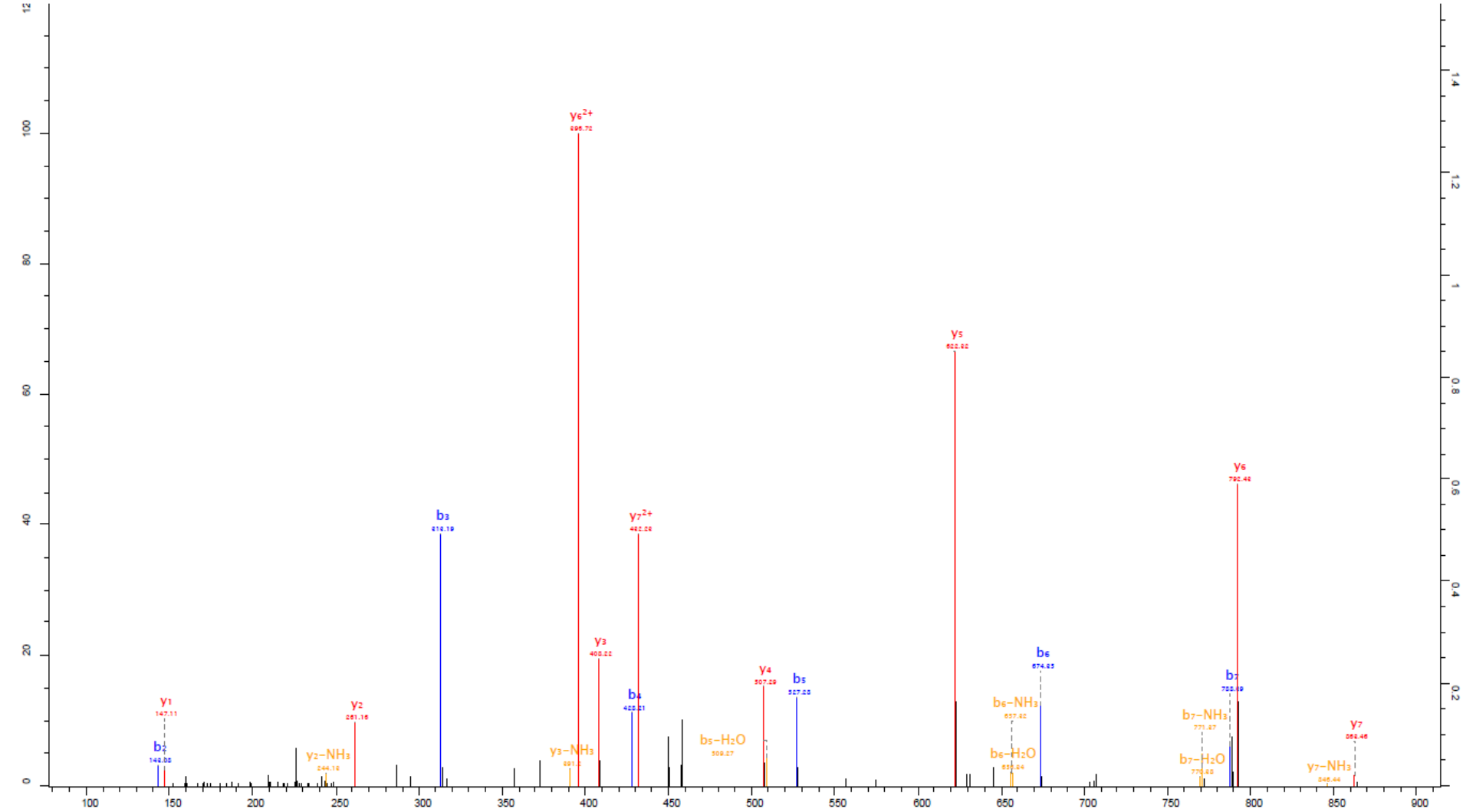


		y12	y11	y10	y9	y8	y7	y6	y5	y4	y3	y2	
-	Y	ac K	W	C	E	Y	G	L	T	F	T	E	K -
		b2	b3	b4	b5	b6	b7	b8	b9	b10	b11	b12	

052413_SCW_II_29_Second_ZT_22_5 #15358 RT: 85.52 AV: 1 NL: 5.28E3
T: ITMS + c NSI d Full ms2 883.90@cid35.00 [230.00-1780.00]

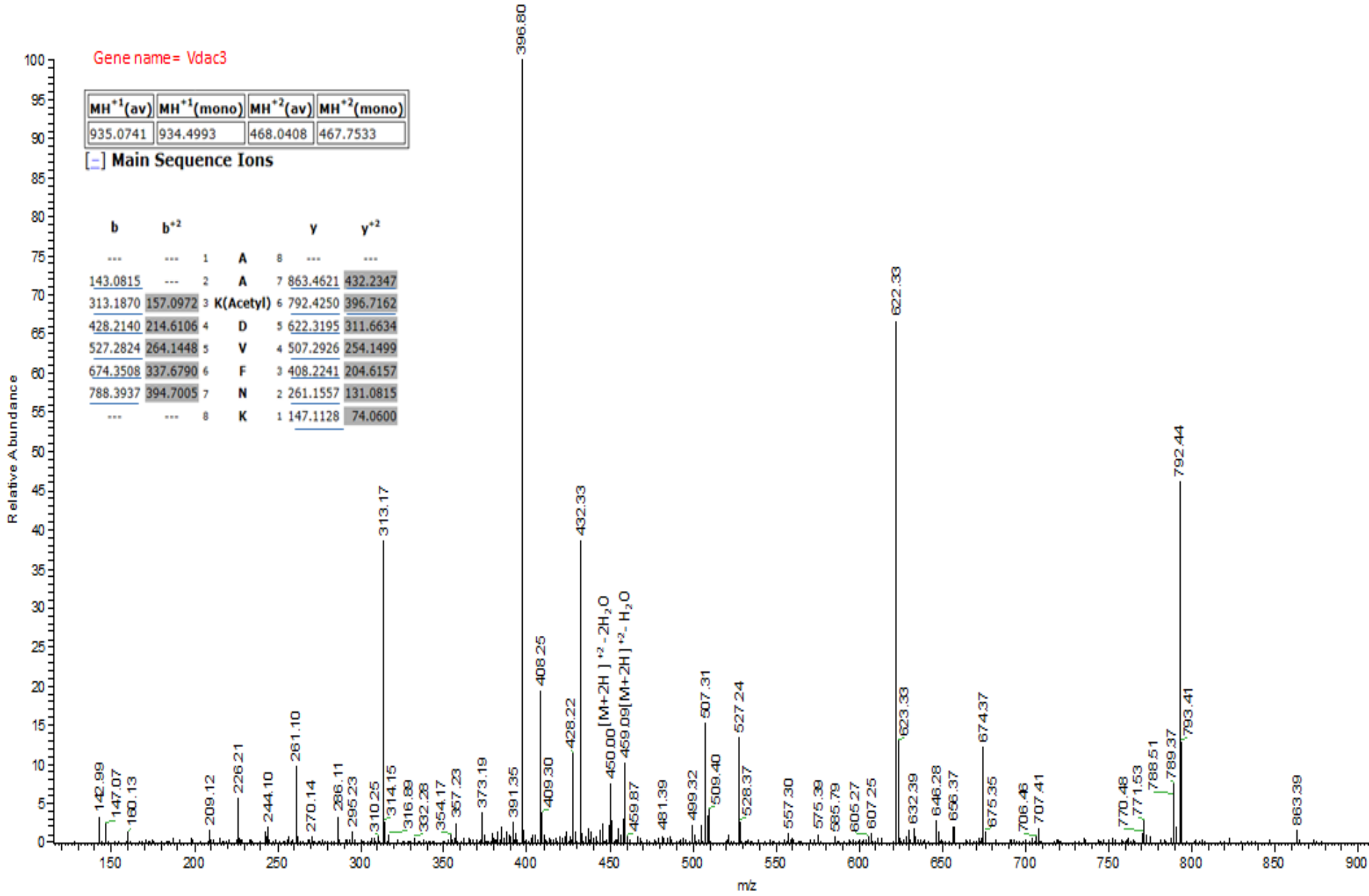


Raw file	Scan	Method	Score	m/z	Gene names
022714_SCW_II_53_5_2ndZT	13867	ITMS; CID	130.66	467.75	Vdac3

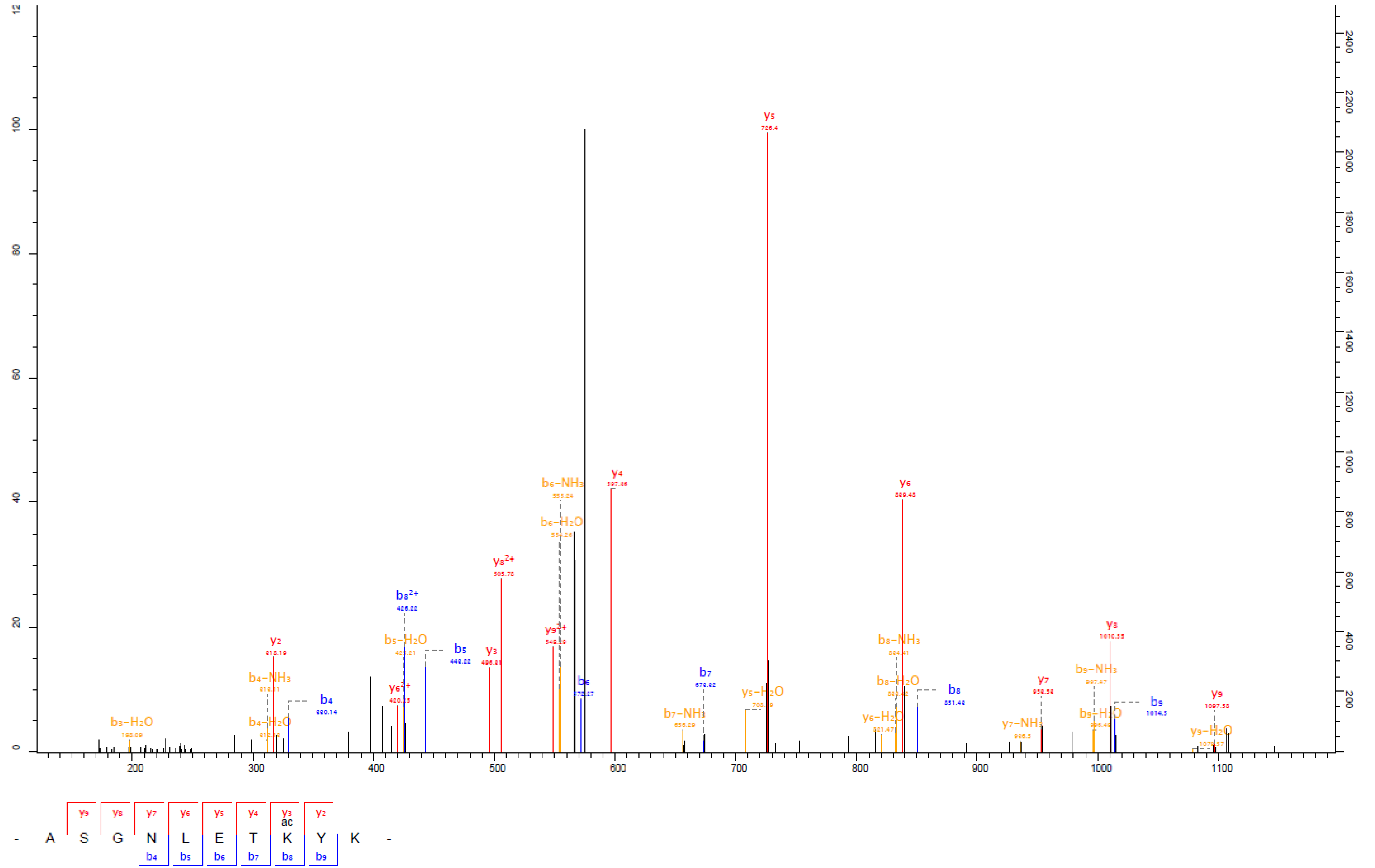


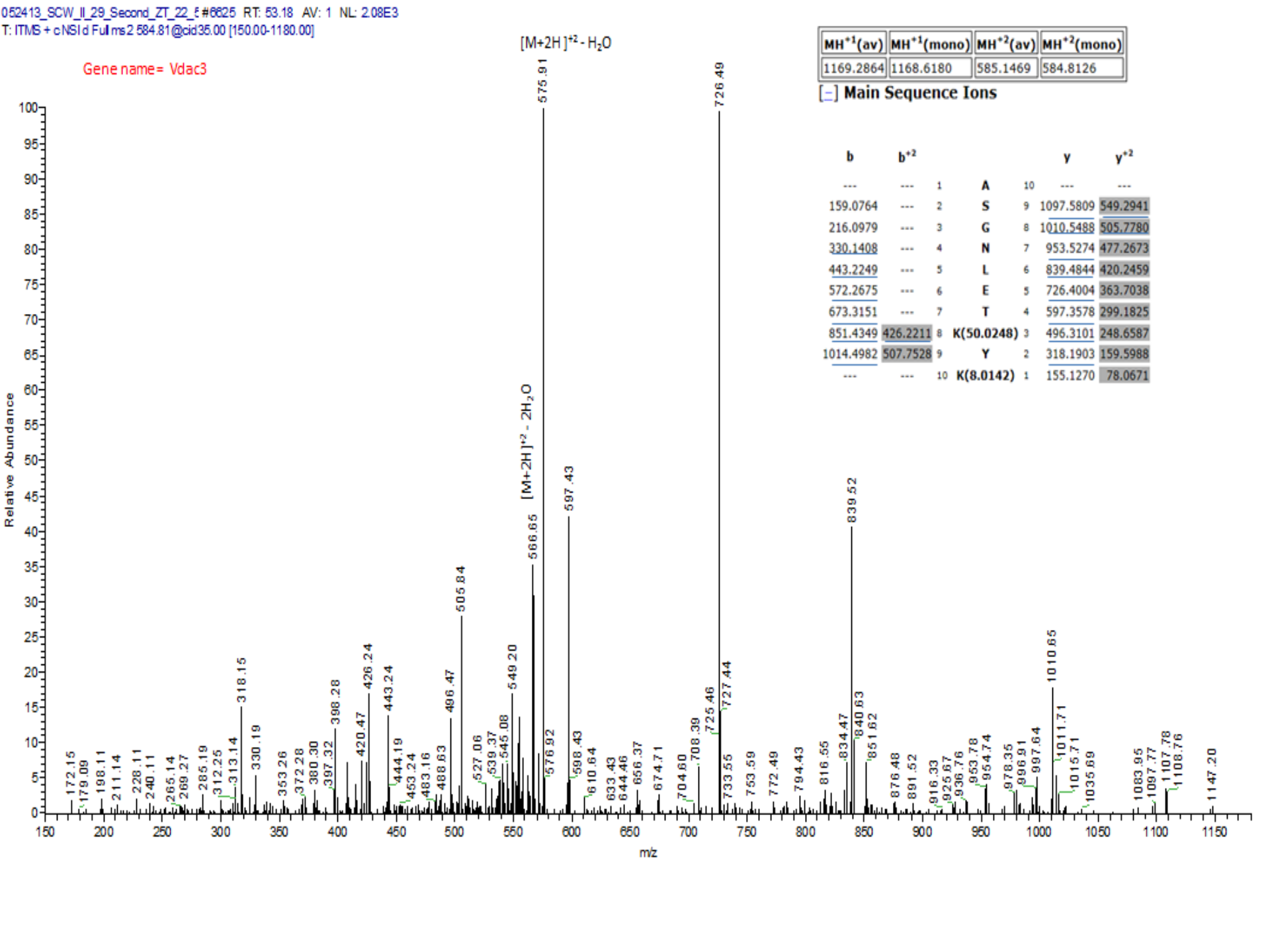
		y7	y6	y5	y4	y3	y2	y1							
-	A	A	ac K	D	V	F	N	K	-						
		b2	b3	b4	b5	b6	b7								

022714_SCW_II_53_5_2ndZT#13867 RT: 64.68 AV: 1 NL: 1.28E4
T: ITMS + cNSI d Full ms2 467.75@cid35.00 [115.00-950.00]



Raw file	Scan	Method	Score	m/z	Gene names
052413_SCW_II_29_Second_ZT_22_5	6625	ITMS; CID	178.53	584.81	Vdac3



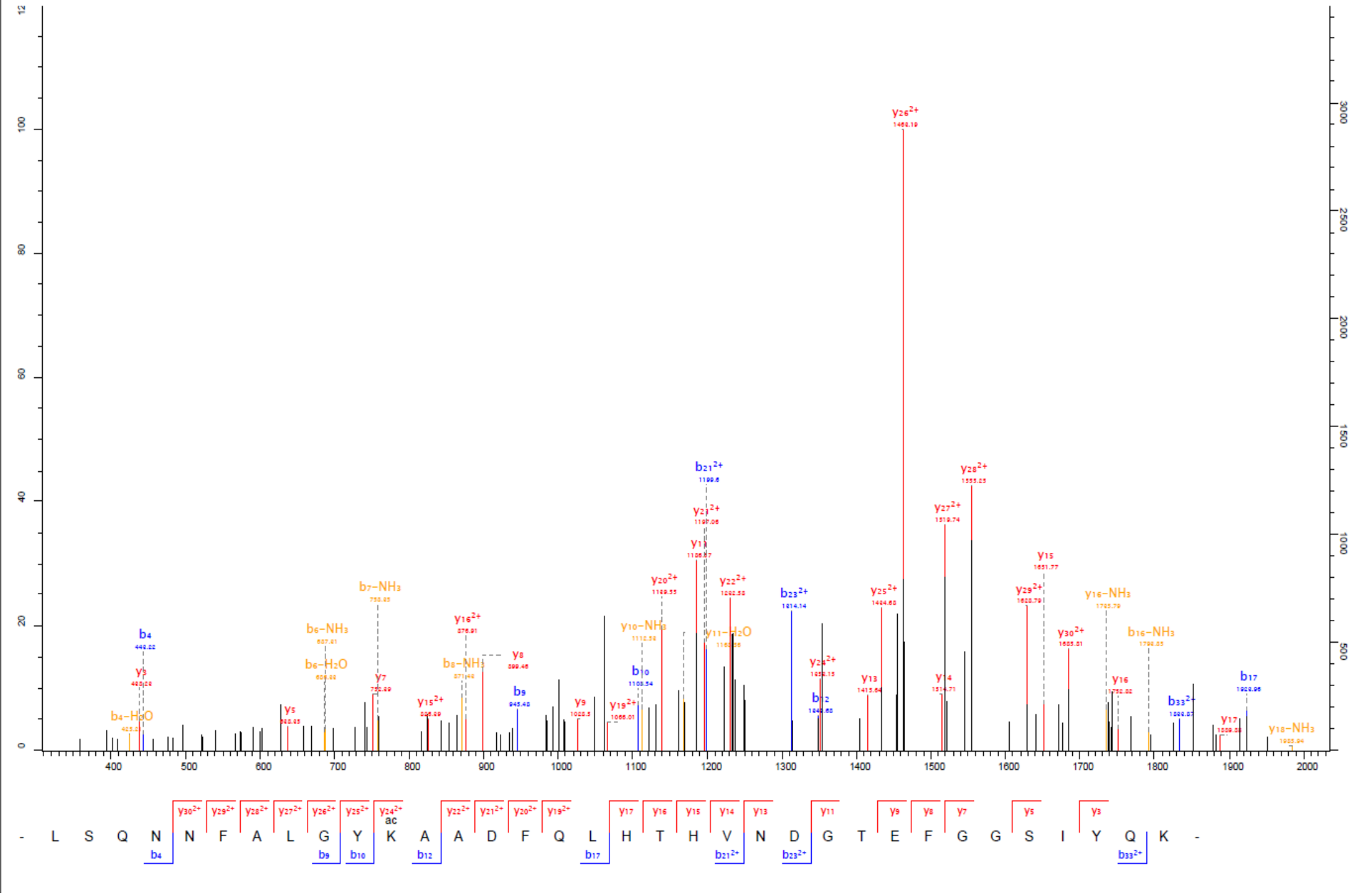


MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1169.2864	1168.6180	585.1469	584.8126

[-] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	A	10	---	---
159.0764	---	2	S	9	1097.5809	549.2941
216.0979	---	3	G	8	1010.5488	505.7780
330.1408	---	4	N	7	953.5274	477.2673
443.2249	---	5	L	6	839.4844	420.2459
572.2675	---	6	E	5	726.4004	363.7038
673.3151	---	7	T	4	597.3578	299.1825
851.4349	426.2211	8	K(50.0248)	3	496.3101	248.6587
1014.4982	507.7528	9	Y	2	318.1903	159.5988
---	---	10	K(8.0142)	1	155.1270	78.0671

Raw file	Scan	Method	Score	m/z	Gene names
050713_SCW_II_29_31_8	21355	ITMS; CID	73.28	1272.28	Vdac3



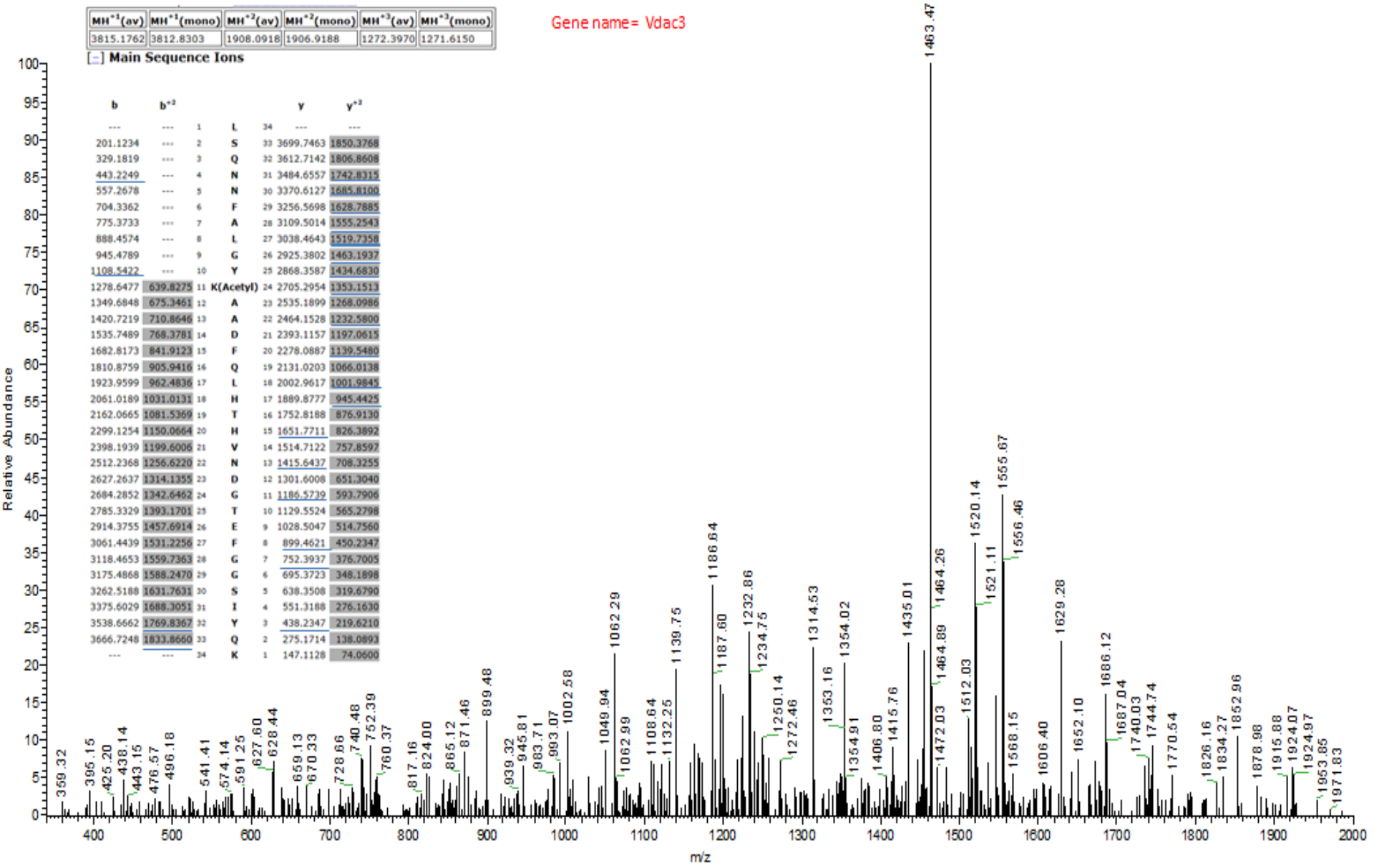
050713_SCW_II_29_31_8 #21355 RT: 91.49 AV: 1 NL: 2.88E3
T: ITMS + cNSId Full ms2 1272.28@cid35.00 [340.00-2000.00]

Gene name= Vdac3

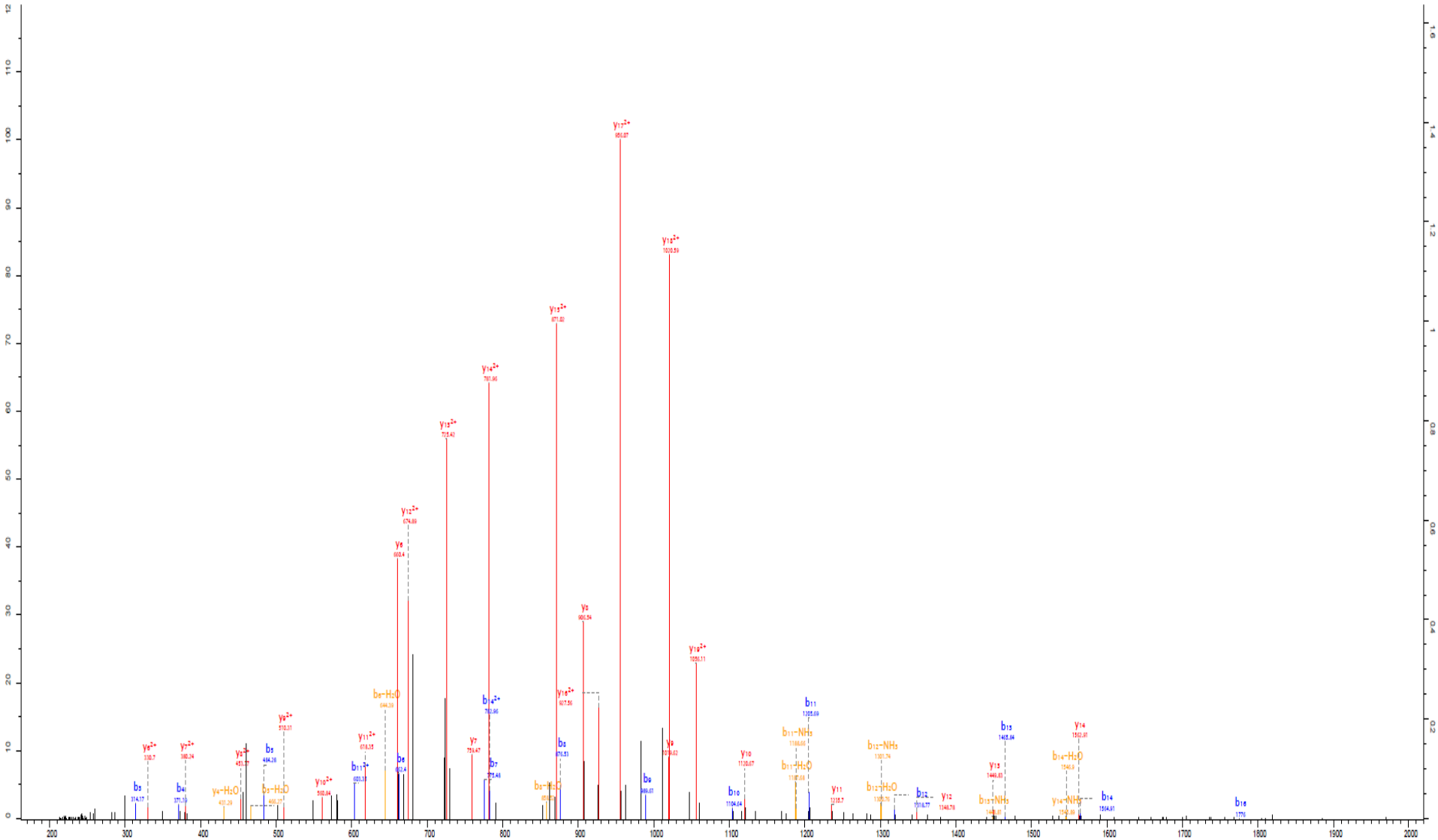
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)	MH^{+3}(av)	MH^{+3}(mono)
3815.1762	3812.8303	1908.0918	1906.9188	1272.3970	1271.6150

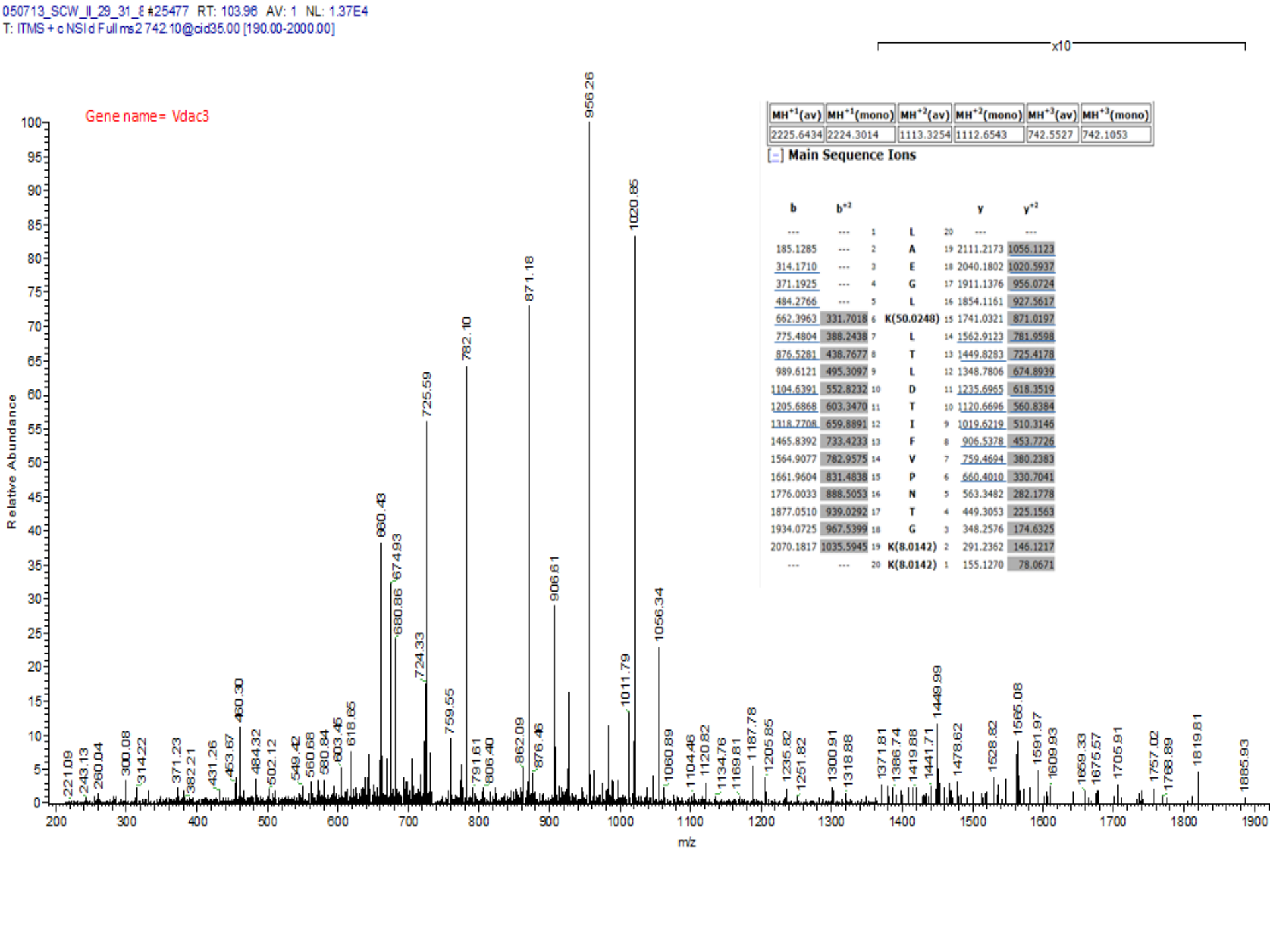
[-] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	L	34	---	---
201.1234	---	2	S	33	3699.7463	1850.3768
329.1819	---	3	Q	32	3612.7142	1806.8608
443.2249	---	4	N	31	3484.6557	1742.8315
557.2678	---	5	N	30	3370.6127	1685.8100
704.3362	---	6	F	29	3256.5698	1628.7885
775.3733	---	7	A	28	3109.5014	1555.2543
888.4574	---	8	L	27	3038.4643	1519.7358
945.4789	---	9	G	26	2925.3802	1463.1937
1108.5422	---	10	Y	25	2868.3587	1434.6830
1278.6477	639.8275	11	K(Acetyl)	24	2705.2954	1353.1513
1349.6848	675.3461	12	A	23	2535.1899	1268.0986
1420.7219	710.8646	13	A	22	2464.1528	1232.5800
1535.7489	768.3781	14	D	21	2393.1157	1197.0615
1682.8173	841.9123	15	F	20	2278.0887	1139.5480
1810.8759	905.9416	16	Q	19	2131.0203	1066.0138
1923.9599	962.4836	17	L	18	2002.9617	1001.9845
2061.0189	1031.0131	18	H	17	1889.8777	945.4425
2162.0665	1081.5369	19	T	16	1752.8188	876.9130
2299.1254	1150.0664	20	H	15	1651.7711	826.3892
2398.1939	1199.6006	21	V	14	1514.7122	757.8597
2512.2368	1256.6220	22	N	13	1415.6437	708.3255
2627.2637	1314.1355	23	D	12	1301.6008	651.3040
2684.2852	1342.6462	24	G	11	1186.5739	593.7906
2785.3329	1393.1701	25	T	10	1129.5524	565.2798
2914.3755	1457.6914	26	E	9	1028.5047	514.7560
3061.4439	1531.2256	27	F	8	899.4621	450.2347
3118.4653	1559.7363	28	G	7	752.3937	376.7005
3175.4868	1588.2470	29	G	6	695.3723	348.1898
3262.5188	1631.7631	30	S	5	638.3508	319.6790
3375.6029	1688.3051	31	I	4	551.3188	276.1630
3538.6662	1769.8367	32	Y	3	438.2347	219.6210
3666.7248	1833.8660	33	Q	2	275.1714	138.0893
---	---	34	K	1	147.1128	74.0600



Raw file	Scan	Method	Score	m/z	Gene names
150718_SCW_II_29_31_8	25477	ITMS; CID	197.41	742.1	Vdac3



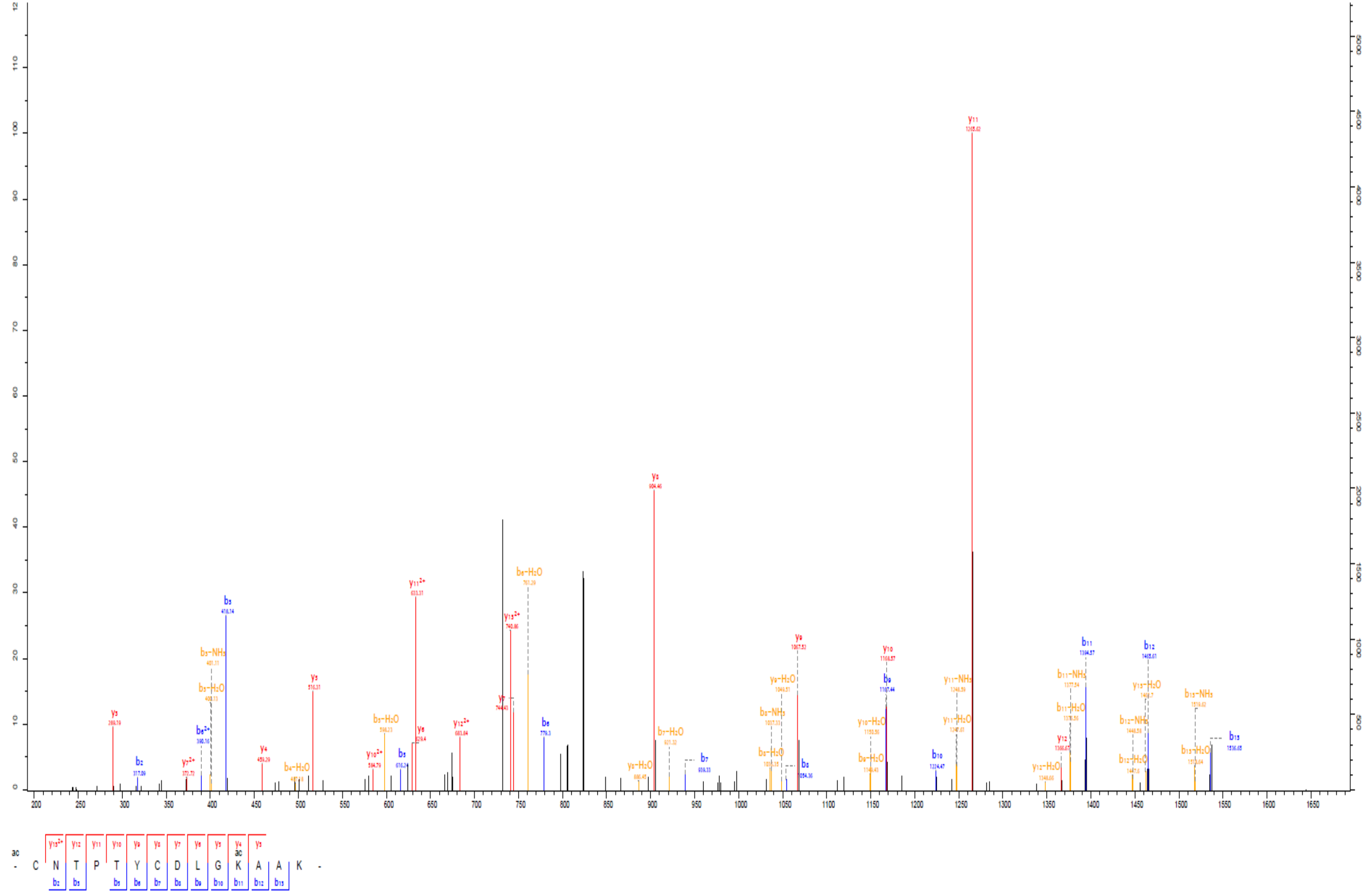


MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)	MH^{+3}(av)	MH^{+3}(mono)
2225.6434	2224.3014	1113.3254	1112.6543	742.5527	742.1053

[-] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	L	20	---	---
185.1285	---	2	A	19	2111.2173	1056.1123
314.1710	---	3	E	18	2040.1802	1020.5937
371.1925	---	4	G	17	1911.1376	956.0724
484.2766	---	5	L	16	1854.1161	927.5617
662.3963	331.7018	6	K(50.0248)	15	1741.0321	871.0197
775.4804	388.2438	7	L	14	1562.9123	781.9598
876.5281	438.7677	8	T	13	1449.8283	725.4178
989.6121	495.3097	9	L	12	1348.7806	674.8939
1104.6391	552.8232	10	D	11	1235.6965	618.3519
1205.6868	603.3470	11	T	10	1120.6696	560.8384
1318.7708	659.8891	12	I	9	1019.6219	510.3146
1465.8392	733.4233	13	F	8	906.5378	453.7726
1564.9077	782.9575	14	V	7	759.4694	380.2383
1661.9604	831.4838	15	P	6	660.4010	330.7041
1776.0033	888.5053	16	N	5	563.3482	282.1778
1877.0510	939.0292	17	T	4	449.3053	225.1563
1934.0725	967.5399	18	G	3	348.2576	174.6325
2070.1817	1035.5945	19	K(8.0142)	2	291.2362	146.1217
---	---	20	K(8.0142)	1	155.1270	78.0671

Raw file	Scan	Method	Score	m/z	Gene names
062513_SCW_II_53_1_Vargas_Enriched	16190	ITMS; CID	241.41	841.88	Vdac3



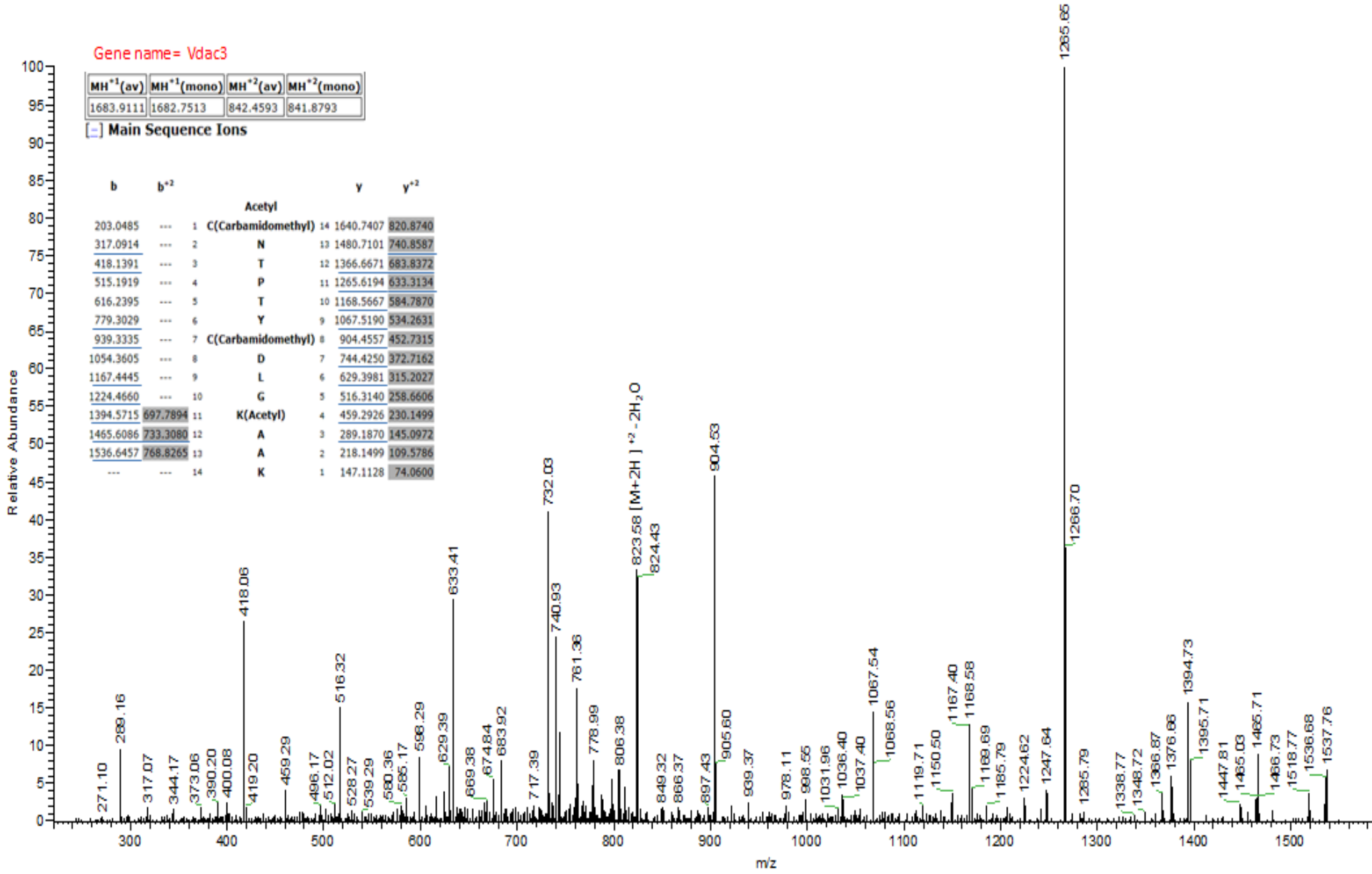
062513_SCW_II_53_1_Vargas_Enriched #16190 RT: 77.86 AV: 1 NL: 4.36E3
T: ITMS + c NSI d Full ms2 841.88@cid35.00 [220.00-1695.00]

Gene name= Vdac3

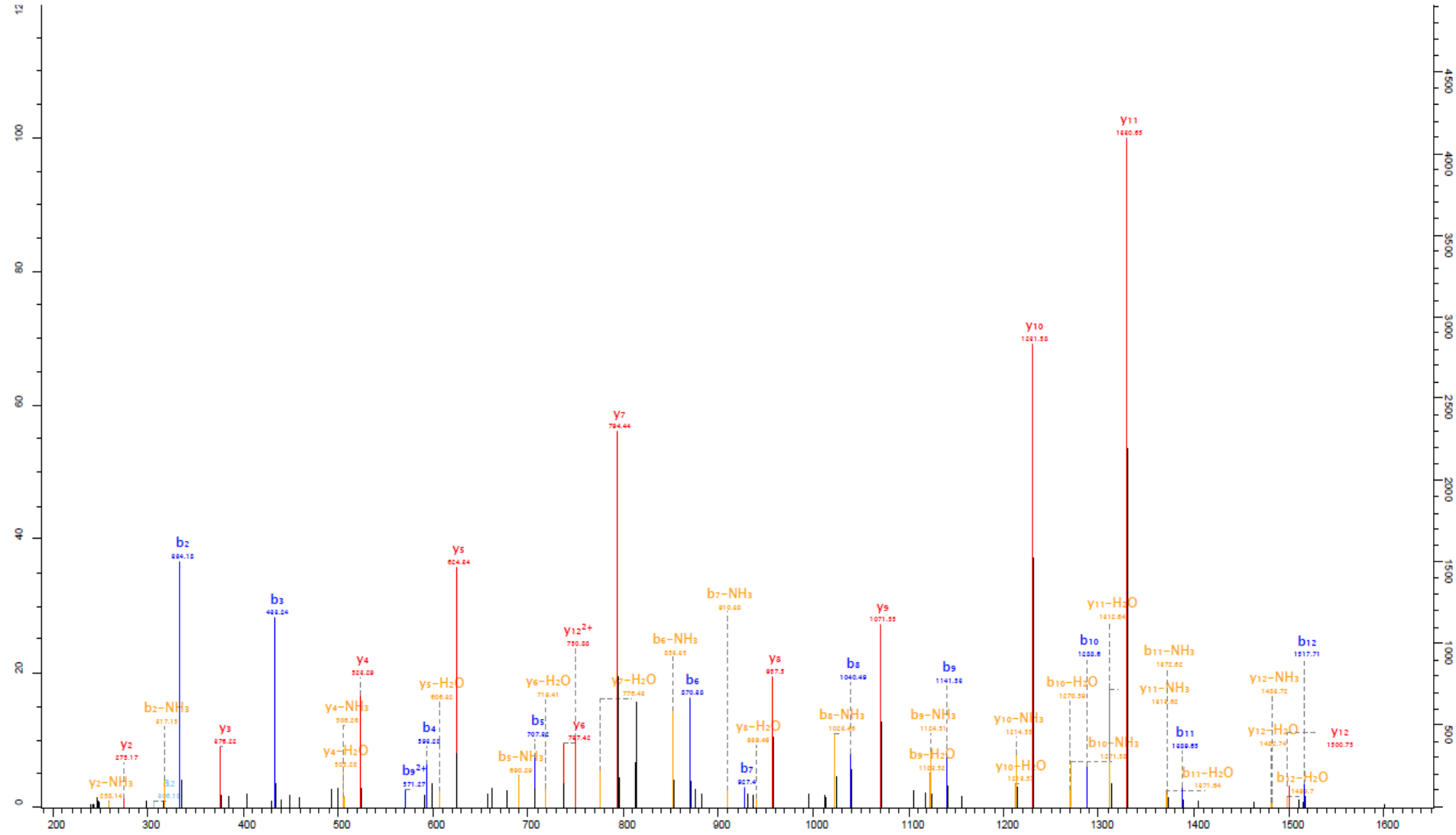
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1683.9111	1682.7513	842.4593	841.8793

[-] Main Sequence Ions

b	b^{+2}			y	y^{+2}
			Acetyl		
203.0485	---	1	C(Carbamidomethyl)	14 1640.7407	820.8740
317.0914	---	2	N	13 1480.7101	740.8587
418.1391	---	3	T	12 1366.6671	683.8372
515.1919	---	4	P	11 1265.6194	633.3134
616.2395	---	5	T	10 1168.5667	584.7870
779.3029	---	6	Y	9 1067.5190	534.2631
939.3335	---	7	C(Carbamidomethyl)	8 904.4557	452.7315
1054.3605	---	8	D	7 744.4250	372.7162
1167.4445	---	9	L	6 629.3981	315.2027
1224.4660	---	10	G	5 516.3140	258.6606
1394.5715	697.7894	11	K(Acetyl)	4 459.2926	230.1499
1465.6086	733.3080	12	A	3 289.1870	145.0972
1536.6457	768.8265	13	A	2 218.1499	109.5786
---	---	14	K	1 147.1128	74.0600



Raw file	Scan	Method	Score	m/z	Gene names
022714_SCW_II_53_1_2ndZT	20929	ITMS; CID	304.08	832.41	Vdac3



		y12 ac	y11	y10	y9	y8	y7	y6	y5	y4	y3	y2	
-	Y	K	V	C	N	Y	G	L	T	F	T	Q	K	-
		b2	b3	b4	b5	b6	b7	b8	b9	b10	b11	b12	

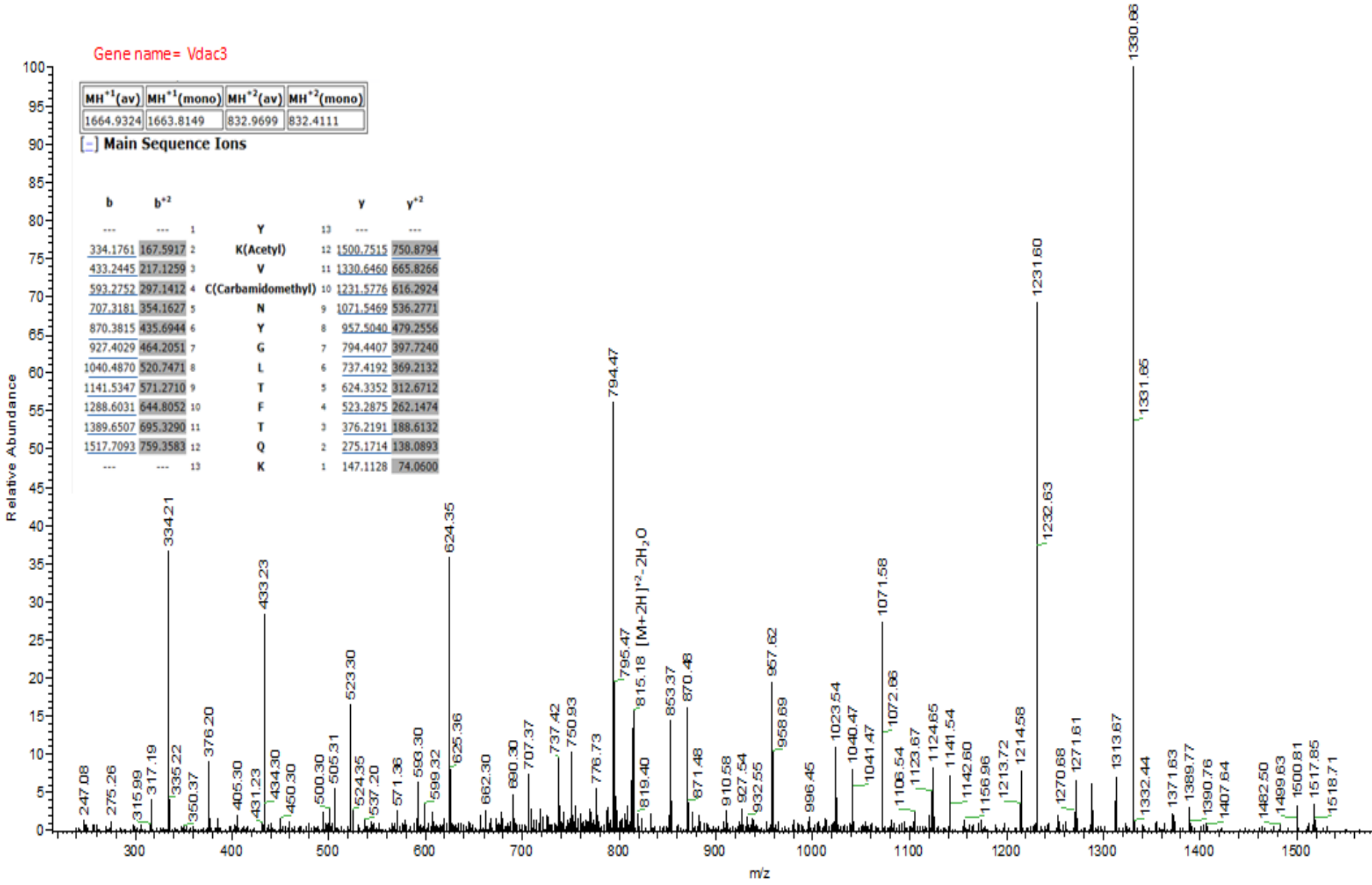
022714_SCW_II_53_1_2ndZT #20929 RT: 98.78 AV: 1 NL: 4.09E3
T: ITMS + cNSI d Full ms2 832.41@cid35.00 [215.00-1675.00]

Gene name= Vdac3

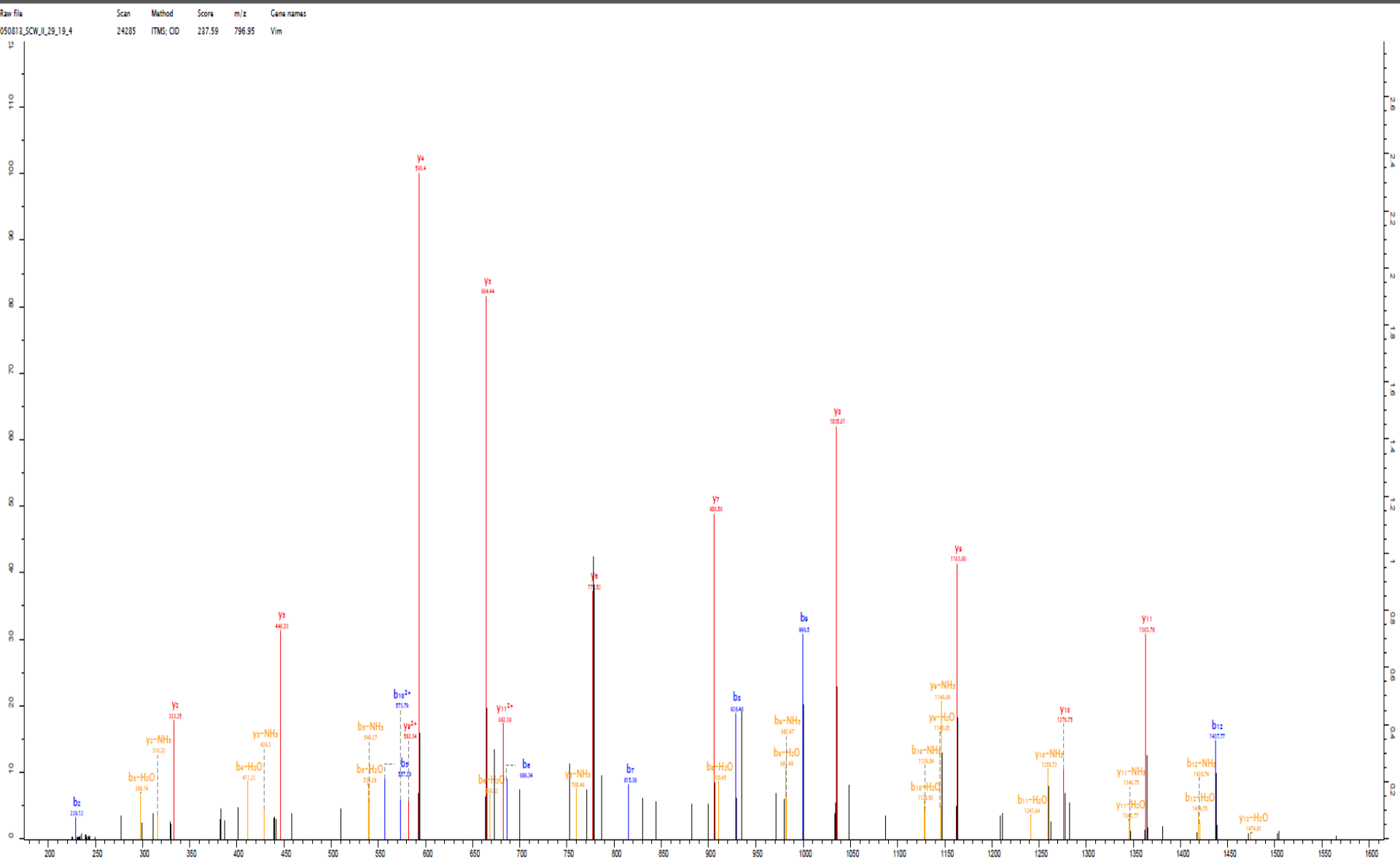
MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)
1664.9324	1663.8149	832.9699	832.4111

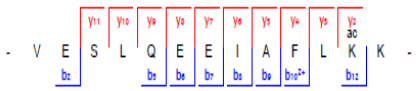
[–] **Main Sequence Ions**

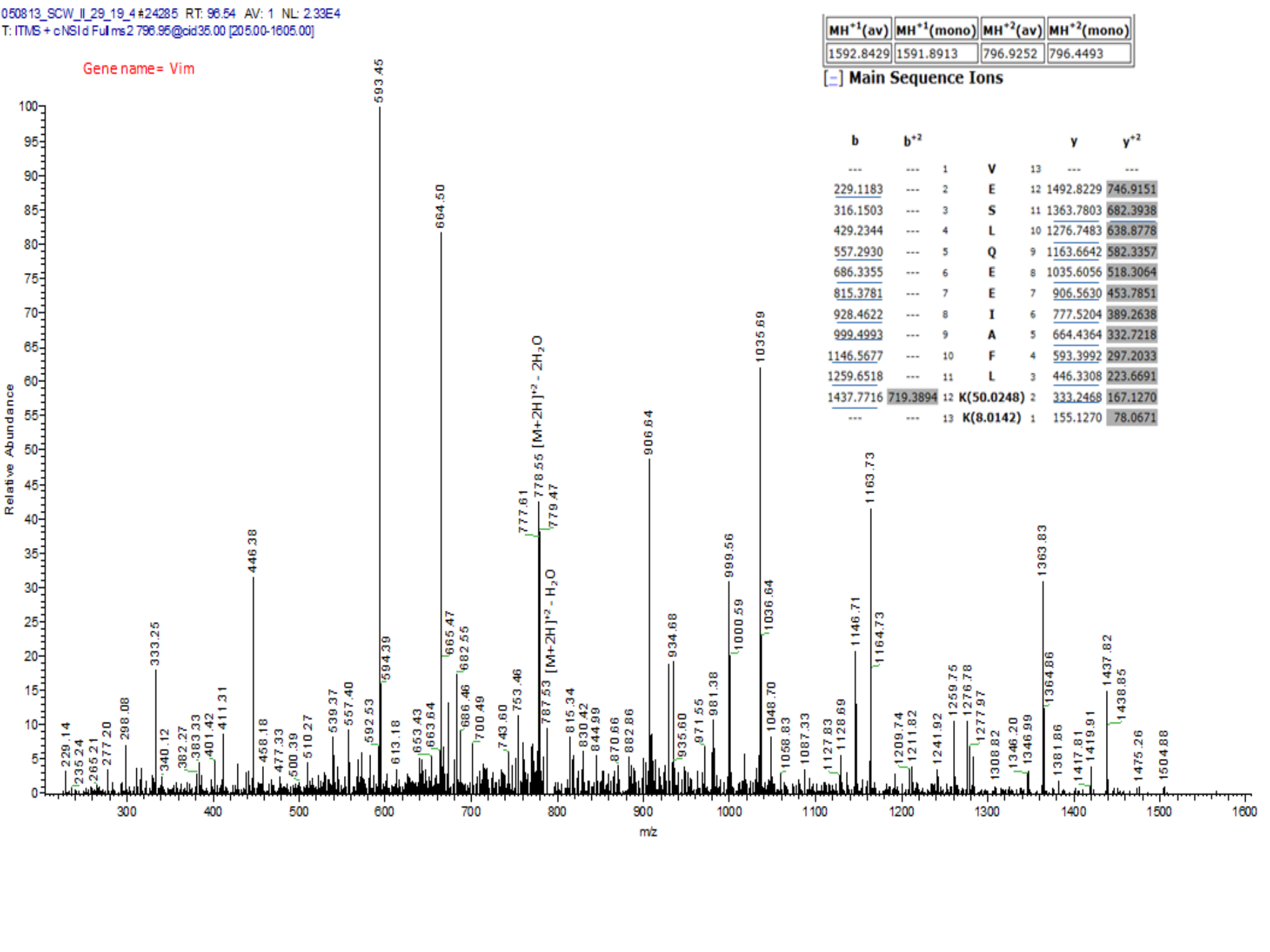
b	b^{+2}				y	y^{+2}
---	---	1	Y	13	---	---
334.1761	167.5917	2	K(Acetyl)	12	1500.7515	750.8794
433.2445	217.1259	3	V	11	1330.6460	665.8266
593.2752	297.1412	4	C(Carbamidomethyl)	10	1231.5776	616.2924
707.3181	354.1627	5	N	9	1071.5469	536.2771
870.3815	435.6944	6	Y	8	957.5040	479.2556
927.4029	464.2051	7	G	7	794.4407	397.7240
1040.4870	520.7471	8	L	6	737.4192	369.2132
1141.5347	571.2710	9	T	5	624.3352	312.6712
1288.6031	644.8052	10	F	4	523.2875	262.1474
1389.6507	695.3290	11	T	3	376.2191	188.6132
1517.7093	759.3583	12	Q	2	275.1714	138.0893
---	---	13	K	1	147.1128	74.0600



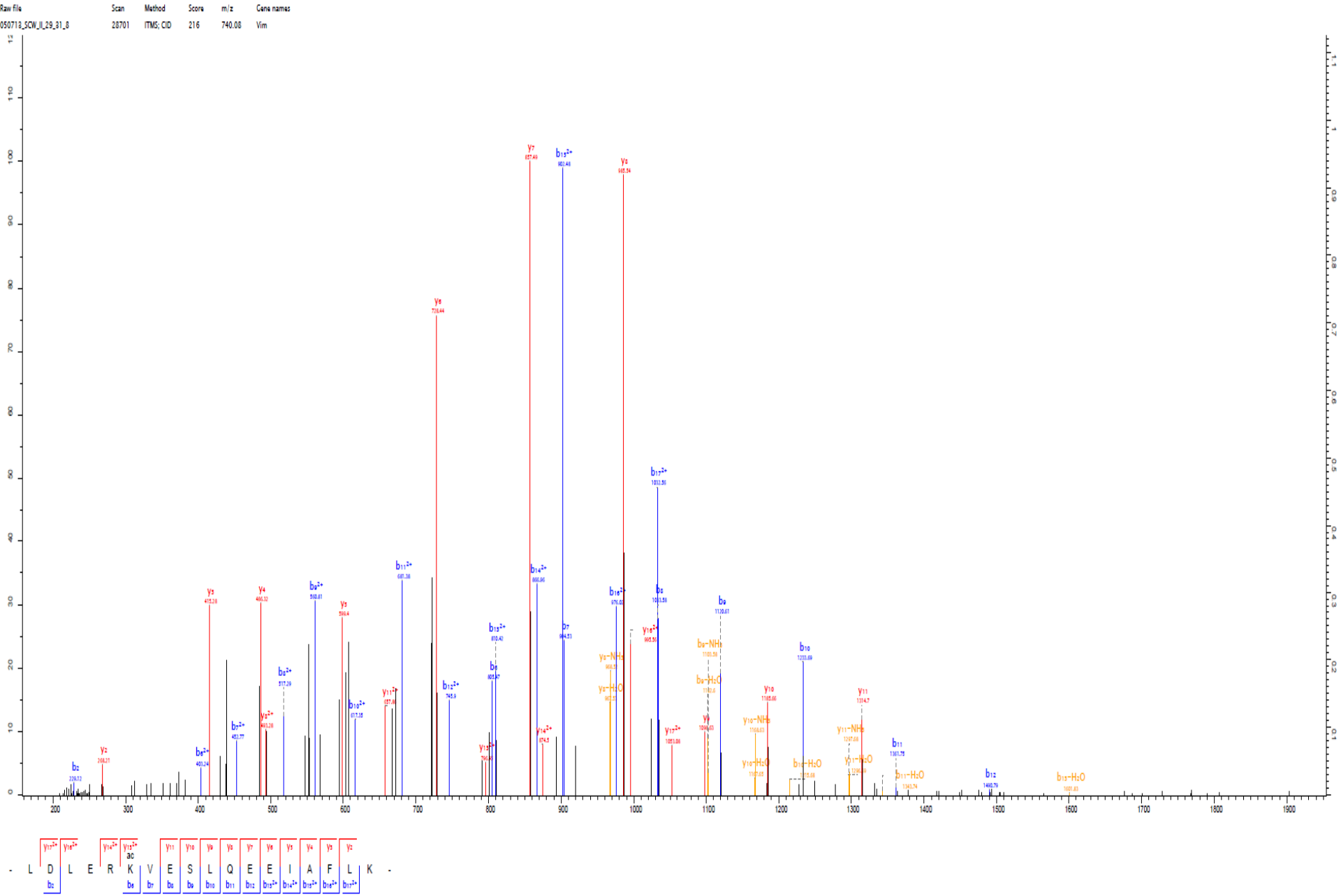
Raw file	Scan	Method	Score	m/z	Gene names
050813_SCW_II_29_19_4	24285	ITMS; CID	237.59	796.95	Vim






050813_SCW_II_29_19_4 #24285 RT: 96.54 AV: 1 NL: 2.33E4
T: ITMS + c NSI d Full ms2 796.95@cid35.00 [205.00-1605.00]
Gene name= Vim
MH+1(av) MH+1(mono) MH+2(av) MH+2(mono)
1592.8429 1591.8913 796.9252 796.4493
[-] Main Sequence Ions
b b+2 y y+2
--- --- 1 V 13 --- ---
229.1183 --- 2 E 12 1492.8229 746.9151
316.1503 --- 3 S 11 1363.7803 682.3938
429.2344 --- 4 L 10 1276.7483 638.8778
557.2930 --- 5 Q 9 1163.6642 582.3357
686.3355 --- 6 E 8 1035.6056 518.3064
815.3781 --- 7 E 7 906.5630 453.7851
928.4622 --- 8 I 6 777.5204 389.2638
999.4993 --- 9 A 5 664.4364 332.7218
1146.5677 --- 10 F 4 593.3992 297.2033
1259.6518 --- 11 L 3 446.3308 223.6691
1437.7716 719.3894 12 K(50.0248) 2 333.2468 167.1270
--- --- 13 K(8.0142) 1 155.1270 78.0671
Relative Abundance
m/z
[M+2H]+2 - 2H2O
[M+2H]+2 - H2O

Raw file	Scan	Method	Score	m/z	Gene names
050713_SCW_II_29_31_8	28701	ITMS; CID	216	740.08	Vim



- L D L E R K V E S L Q E E I A F L K -

050713_SCW_II_29_31_8 #28701 RT: 113.65 AV: 1 NL: 9.39E3
T: ITMS + c NSI d Full ms2 740.08@cid35.00 [190.00-2000.00]

Gene name= Vim

MH^{+1}(av)	MH^{+1}(mono)	MH^{+2}(av)	MH^{+2}(mono)	MH^{+3}(av)	MH^{+3}(mono)
2219.5579	2218.2301	1110.2826	1109.6187	740.5242	740.0815

[-] Main Sequence Ions

b	b^{+2}				y	y^{+2}
---	---	1	L	18	---	---
229.1183	---	2	D	17	2105.1460	1053.0766
342.2023	---	3	L	16	1990.1191	995.5632
471.2449	---	4	E	15	1877.0350	939.0211
627.3461	314.1767	5	R	14	1747.9924	874.4998
805.4658	403.2365	6	K(50.0248)	13	1591.8913	796.4493
904.5342	452.7708	7	V	12	1413.7715	707.3894
1033.5768	517.2920	8	E	11	1314.7031	657.8552
1120.6088	560.8081	9	S	10	1185.6605	593.3339
1233.6929	617.3501	10	L	9	1098.6285	549.8179
1361.7515	681.3794	11	Q	8	985.5444	493.2758
1490.7941	745.9007	12	E	7	857.4858	429.2466
1619.8367	810.4220	13	E	6	728.4433	364.7253
1732.9207	866.9640	14	I	5	599.4007	300.2040
1803.9579	902.4826	15	A	4	486.3166	243.6619
1951.0263	976.0168	16	F	3	415.2795	208.1434
2064.1103	1032.5588	17	L	2	268.2111	134.6092
---	---	18	K(8.0142)	1	155.1270	78.0671