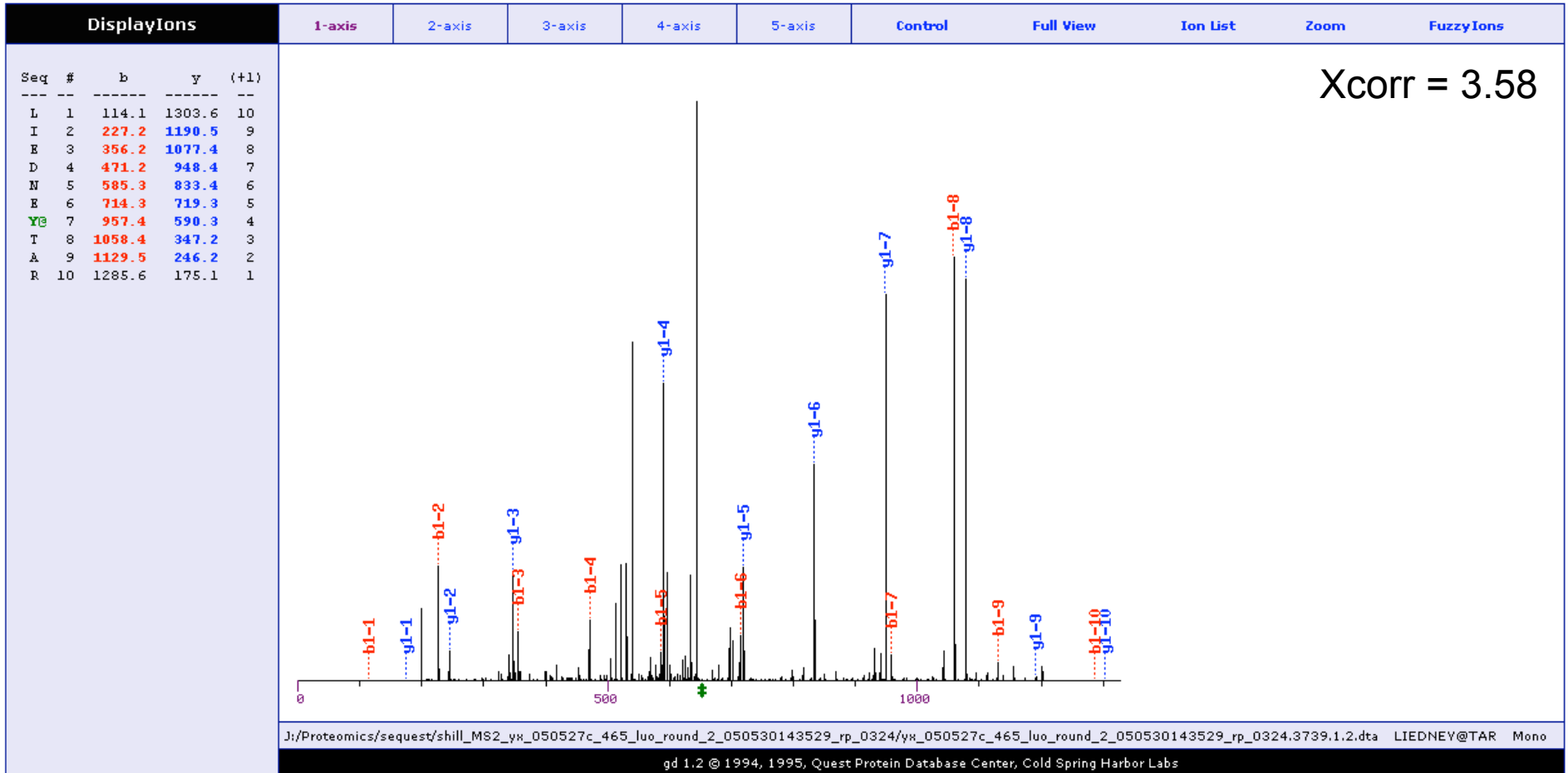
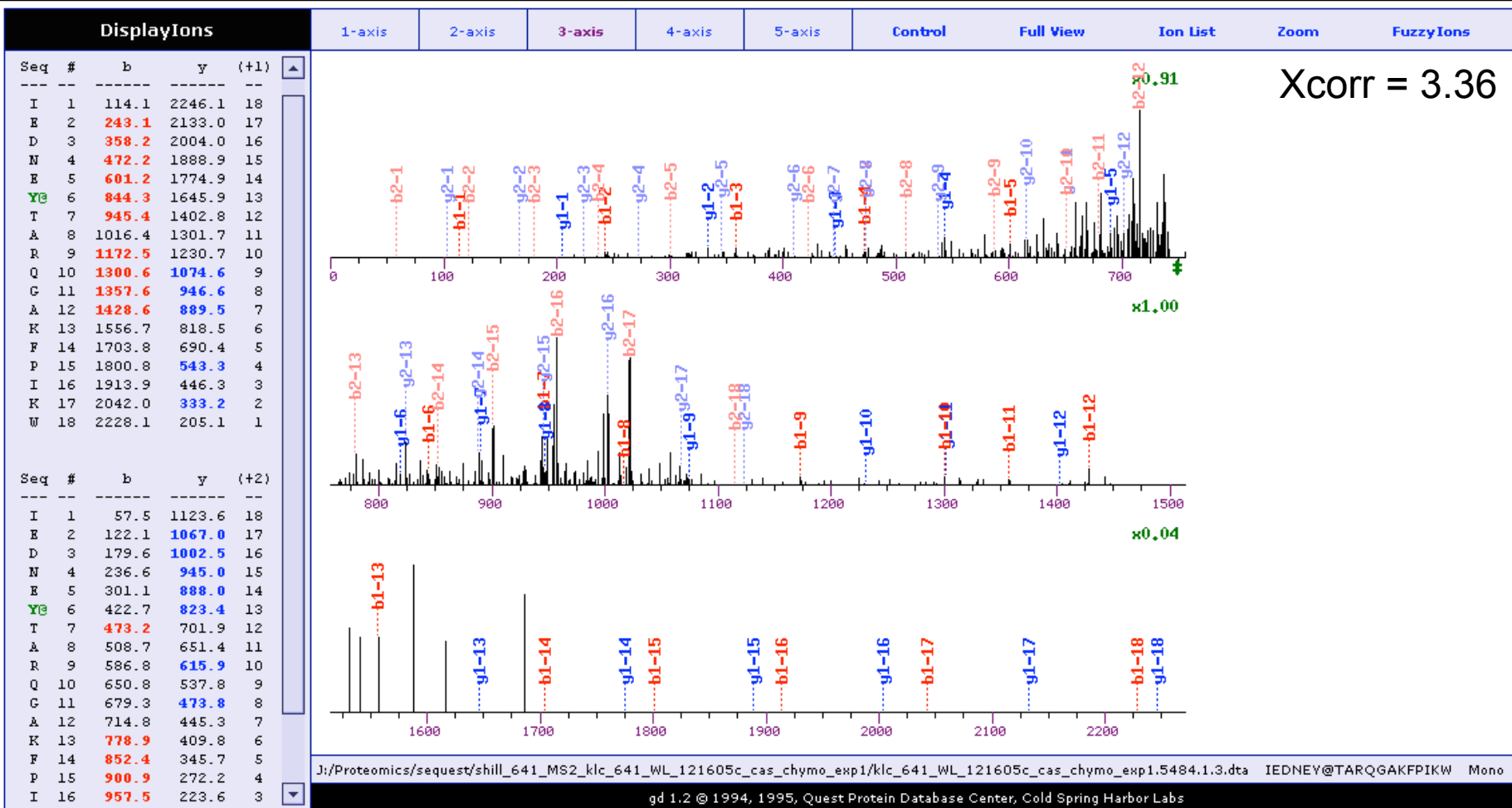


Supplemental Figure S1. Representative spectra of peptides containing pTyr sites readily identified in both nontransformed and Src-transformed cells.

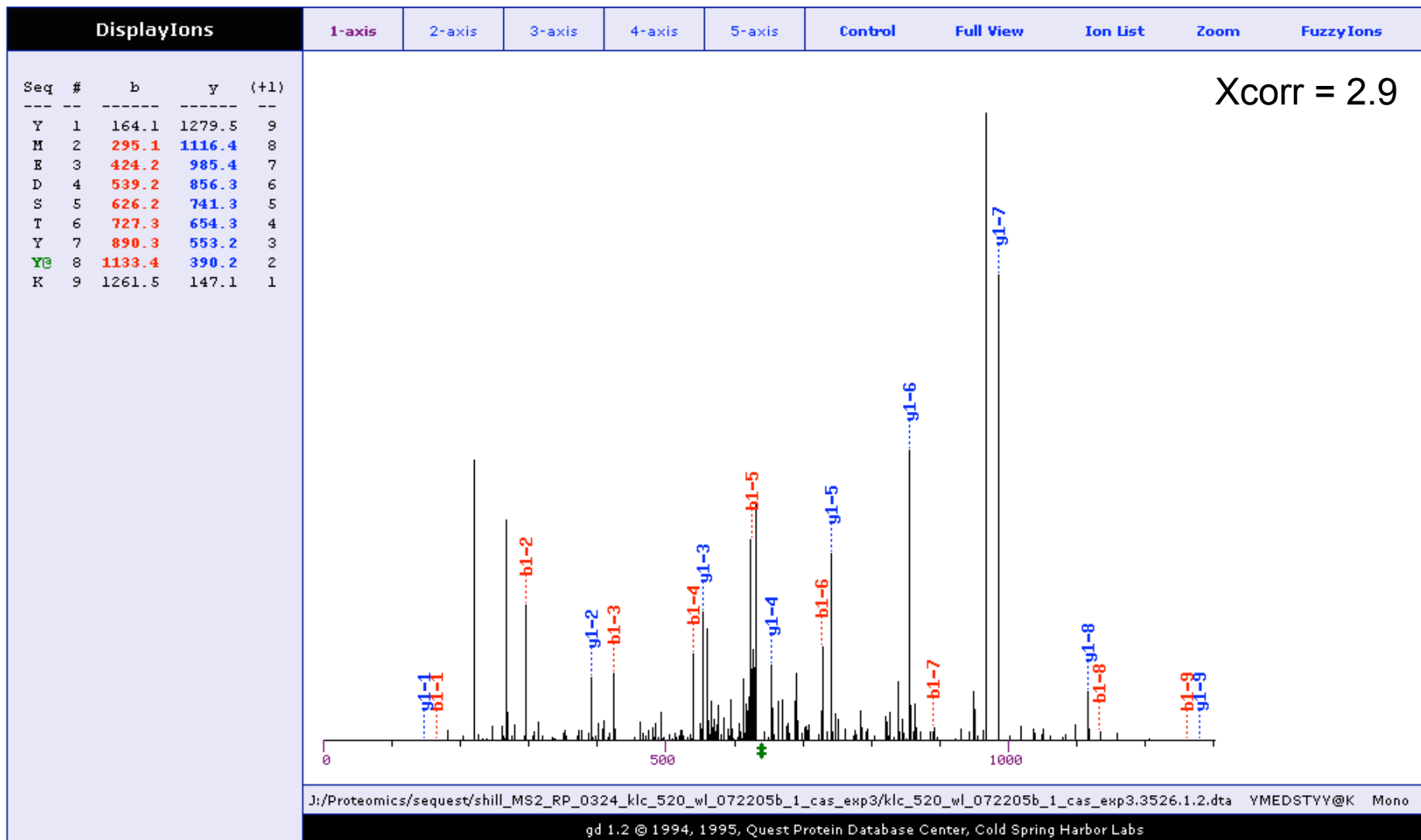
Src pY418

R.LIEDNEY@TAR.Q

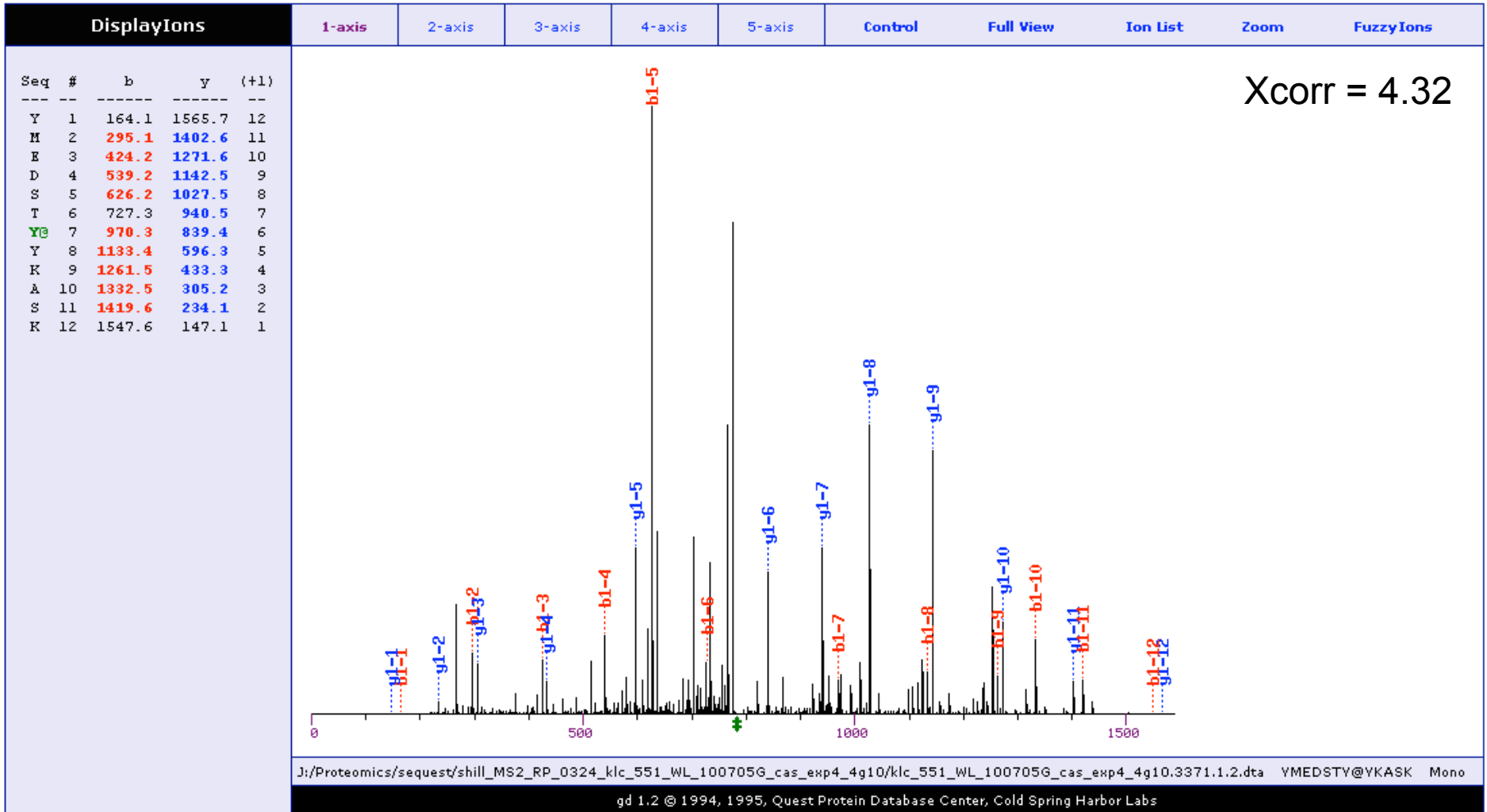




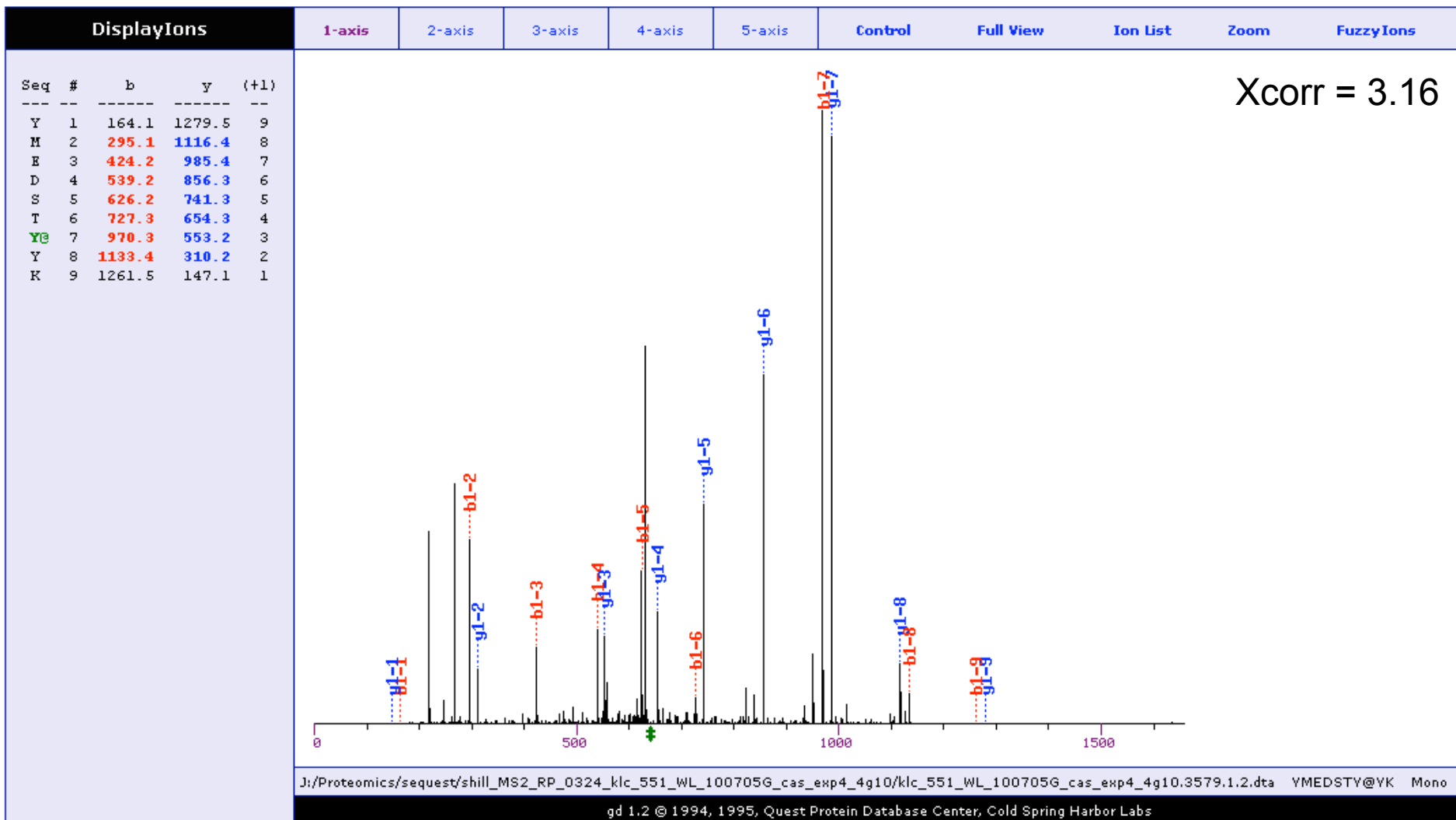
FAK pY577 R.YMEDSTYY@K.A



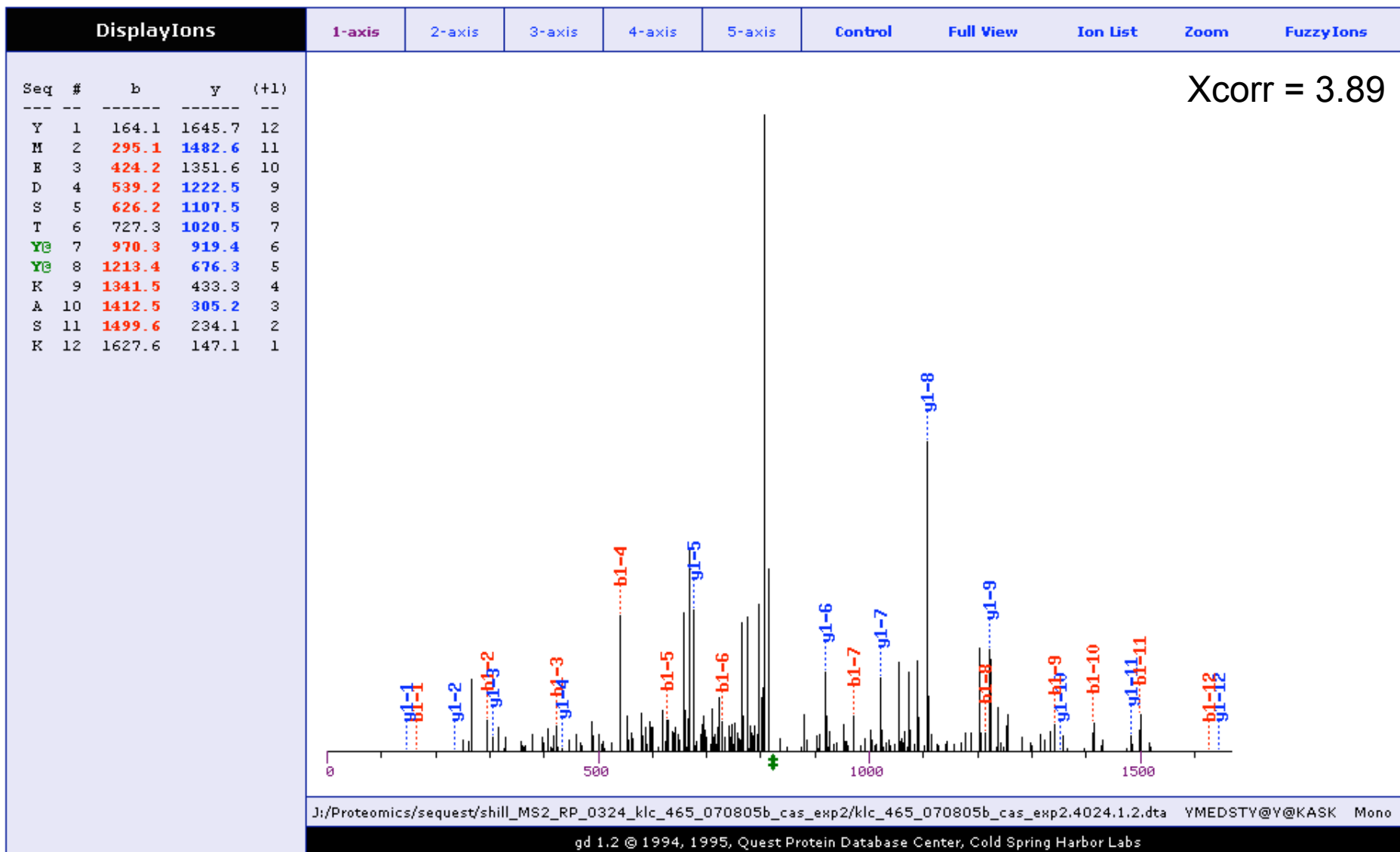
FAK pY576 R.YMEDSTY@YKASK.G



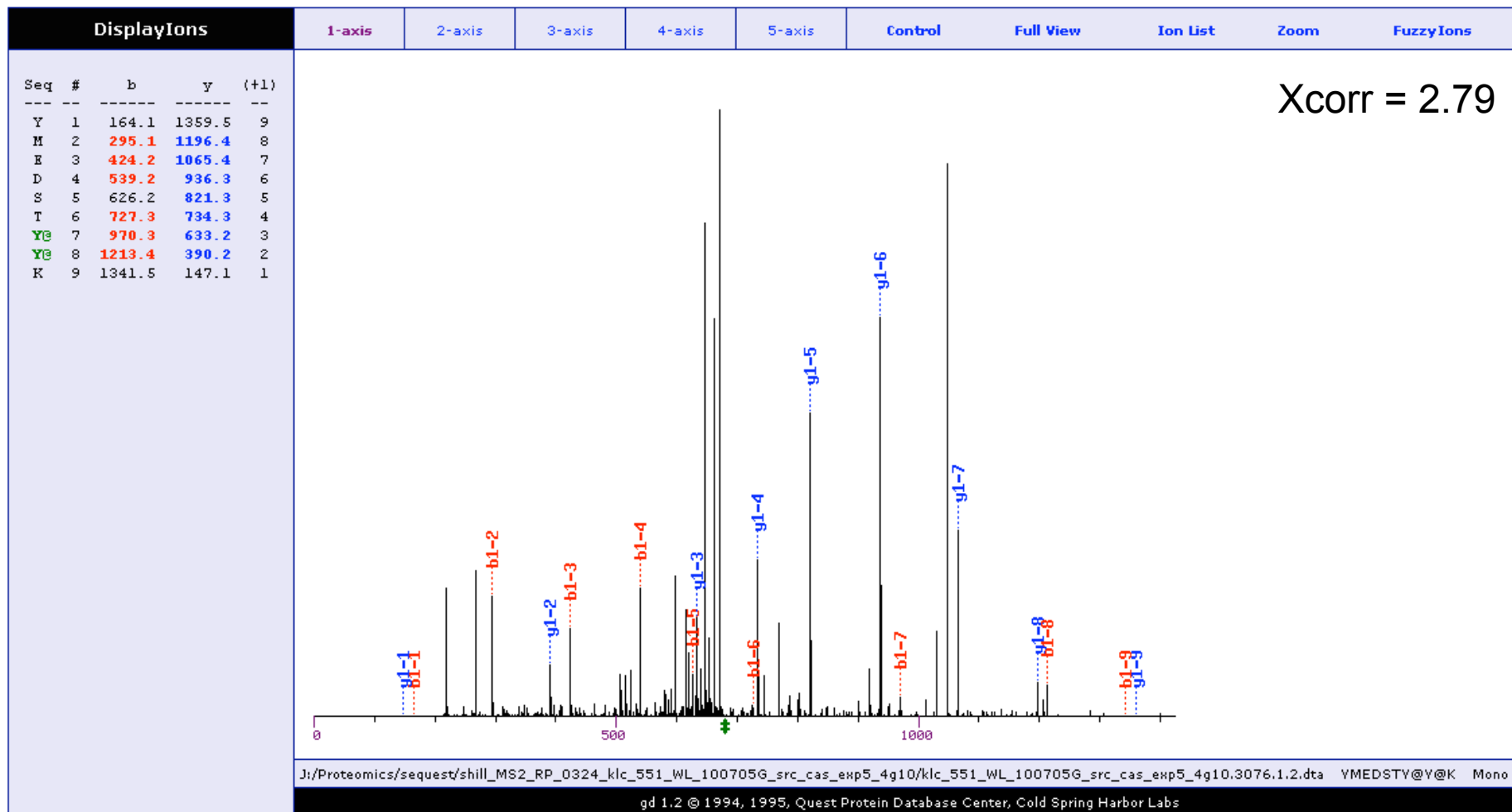
FAK pY576 R.YMEDSTY@YK.A



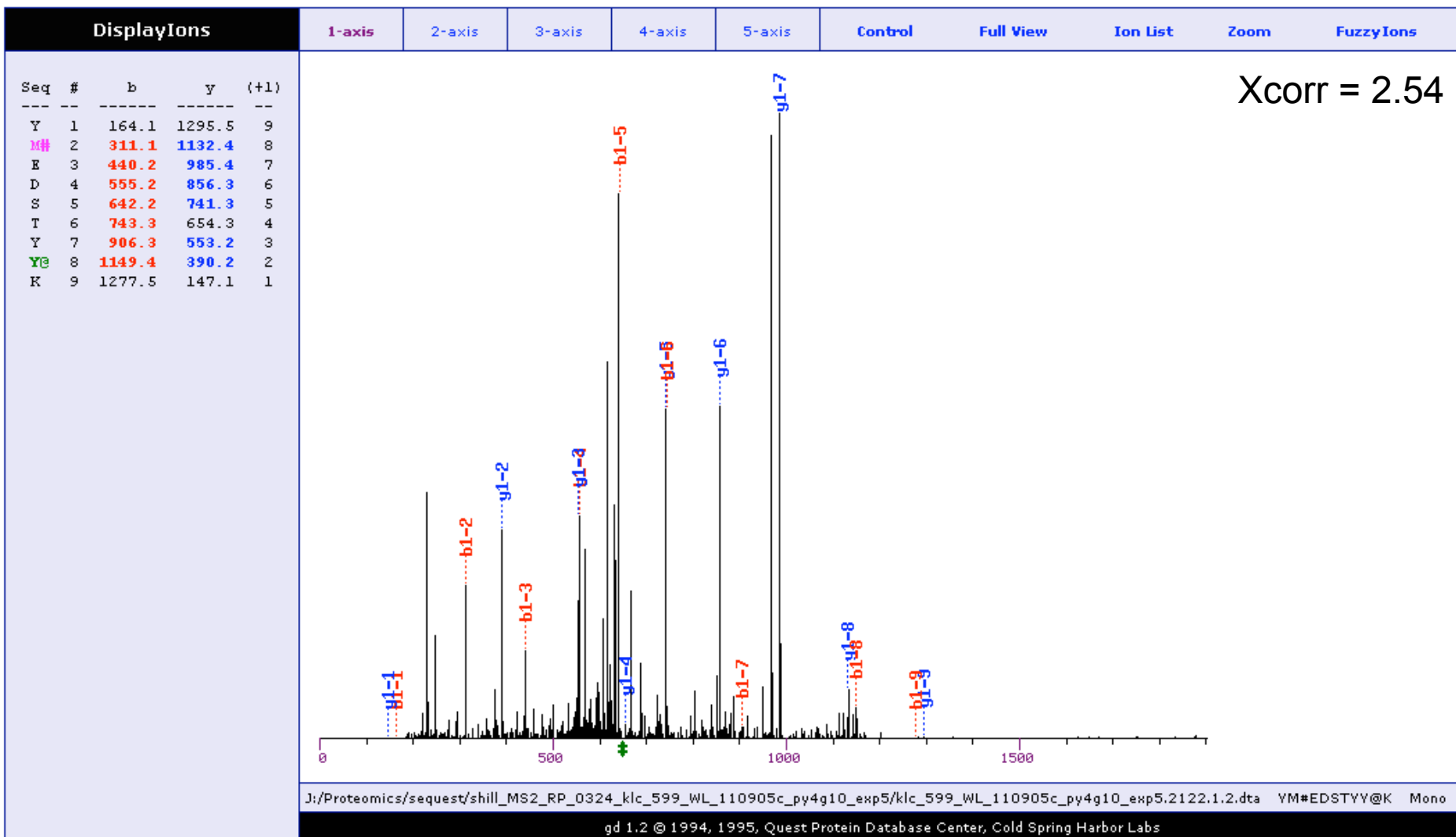
FAK pY576/pY577 R.YMEDSTY@Y@KASK.G



FAK pY576/pY577 R.YMEDSTY@Y@K.A

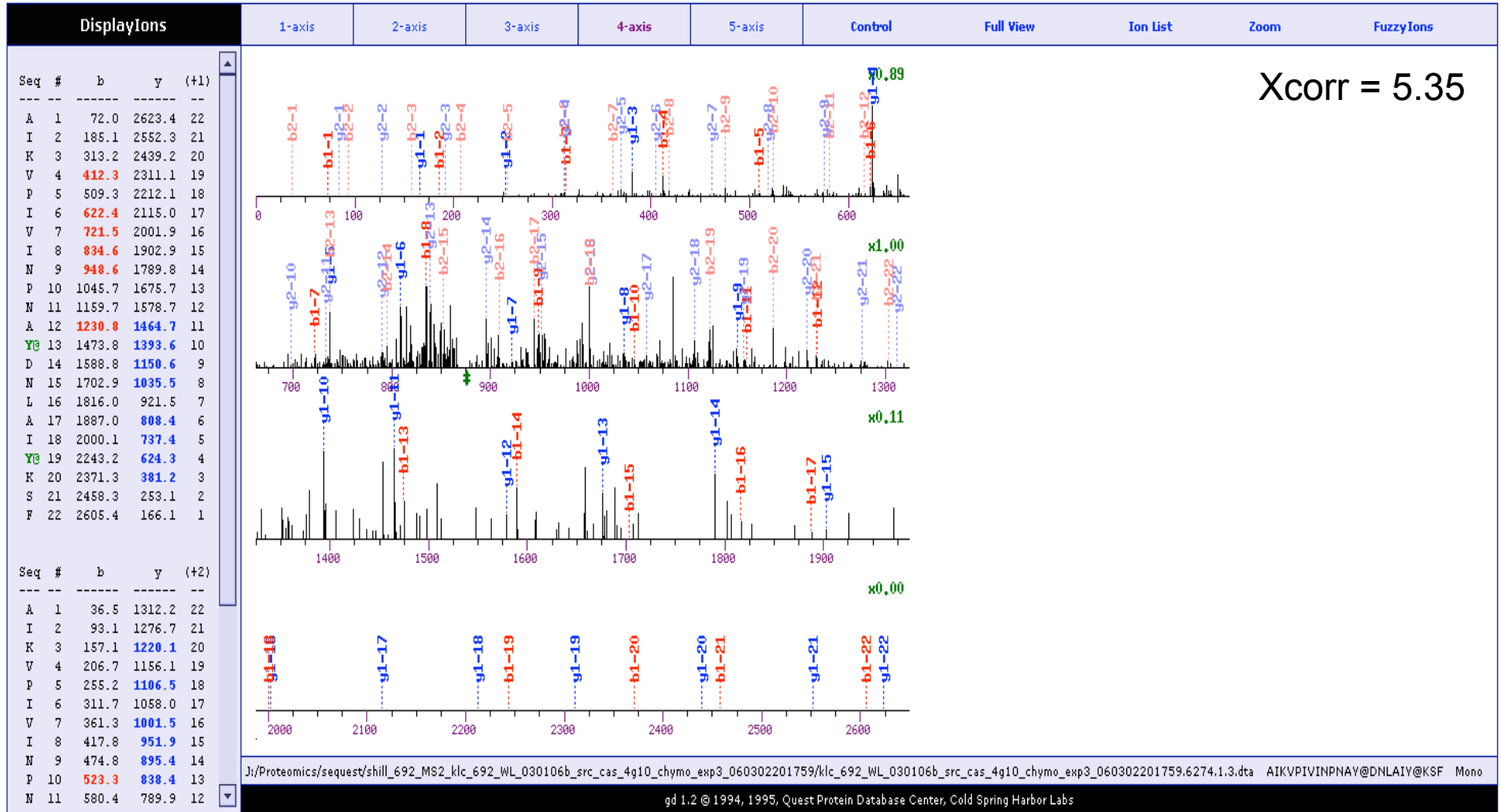


FAK pY576 R.YM#EDSTYY@K.A



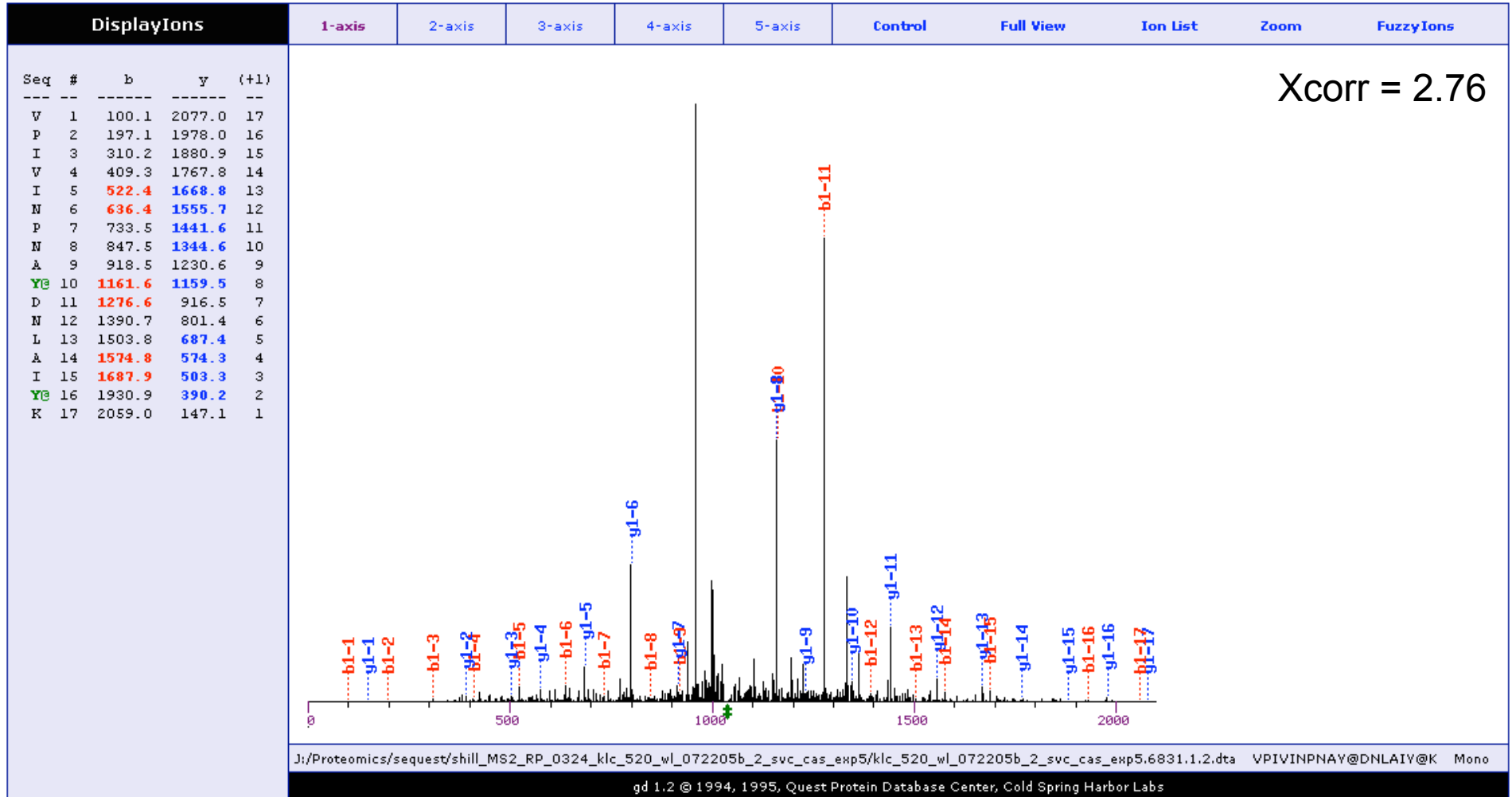
SgK269 pY632/pY638

N.AI KVPIVINPNAY@DNLAIY@KSF.L



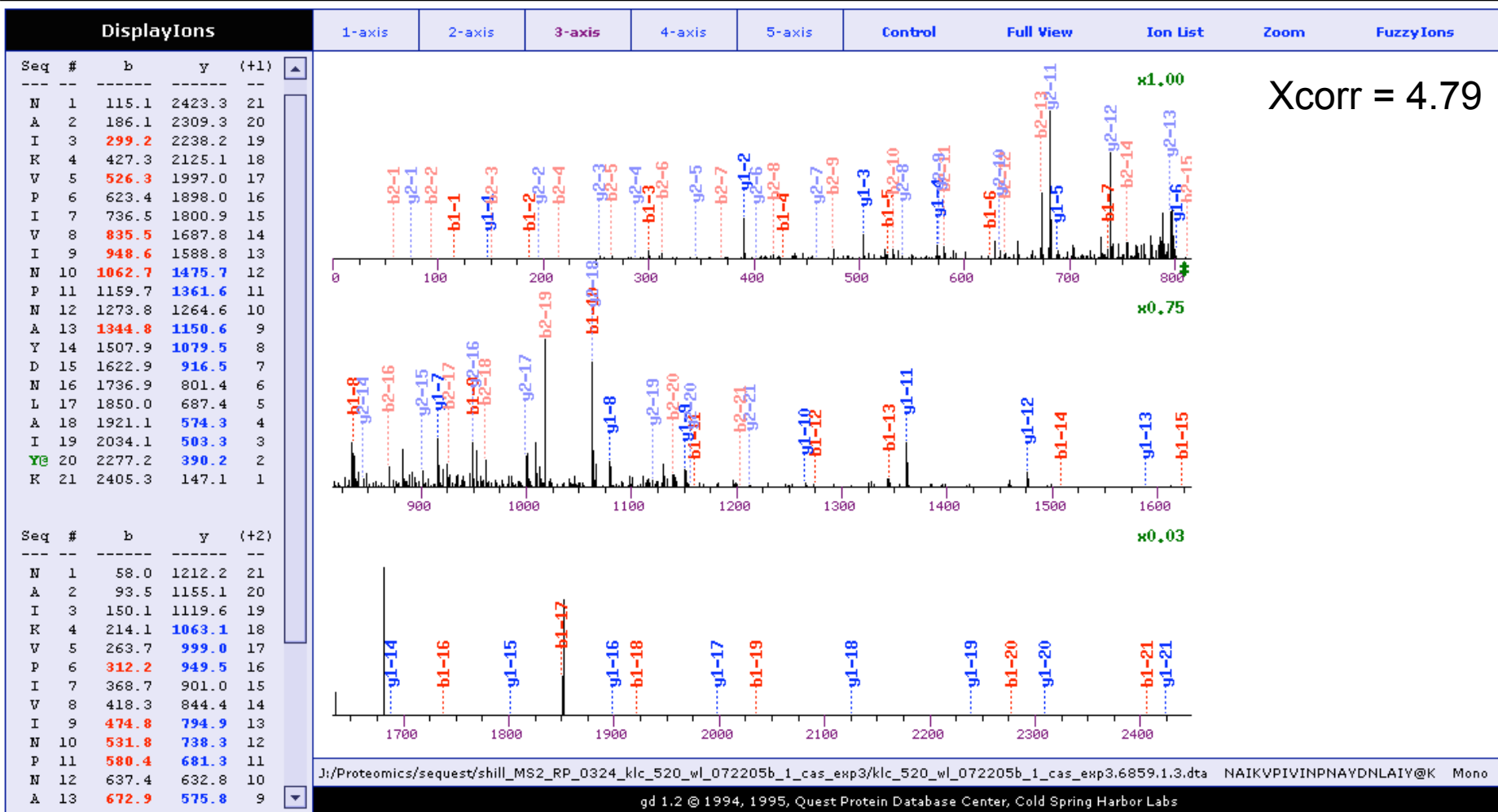
SgK269 pY632/pY638

K.VPIVINPNAY@DNLAIIY@K.S



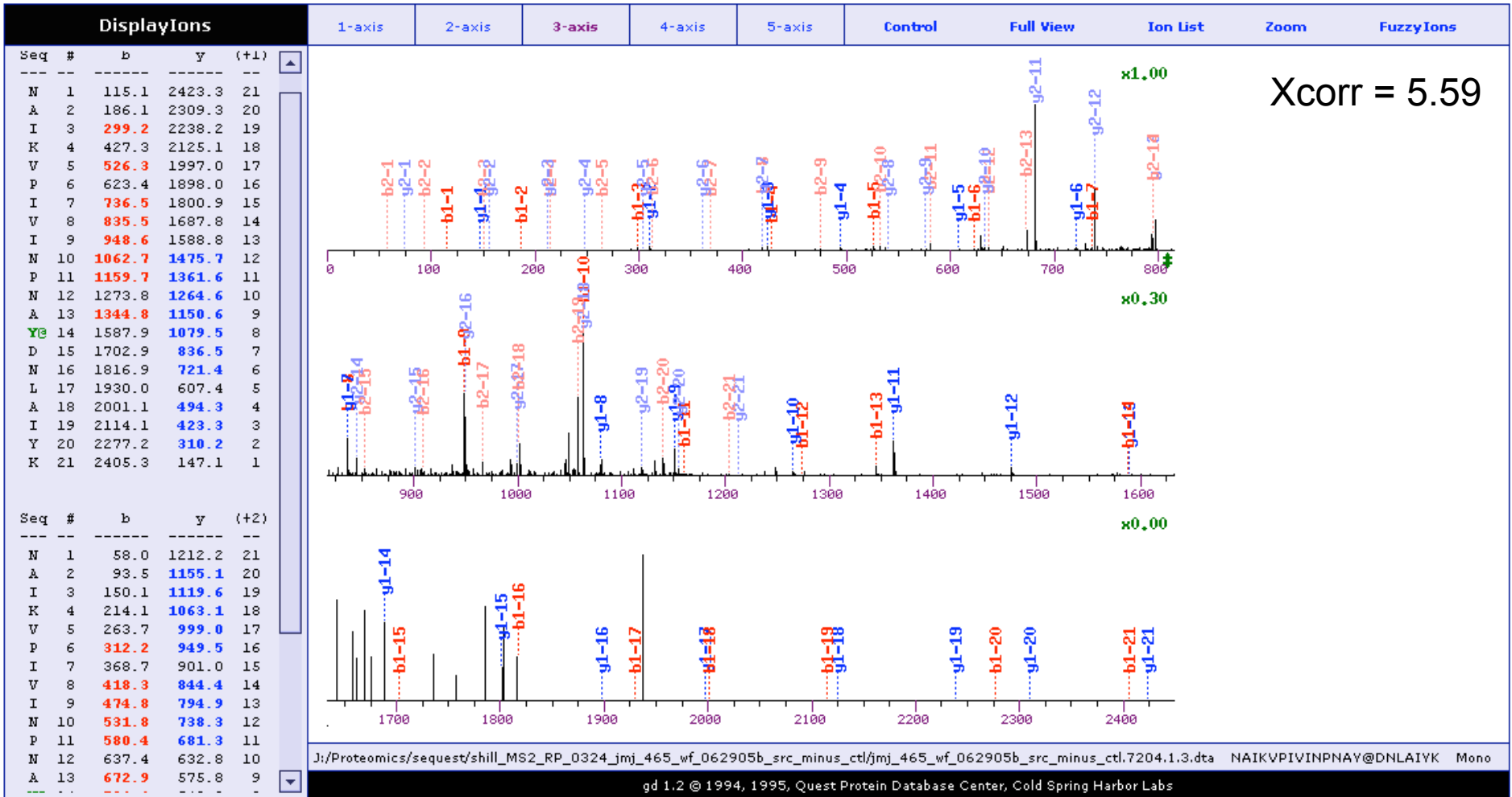
SgK269 pY638

K.NAIKVPIVINPNAYDNLAIV@K.S



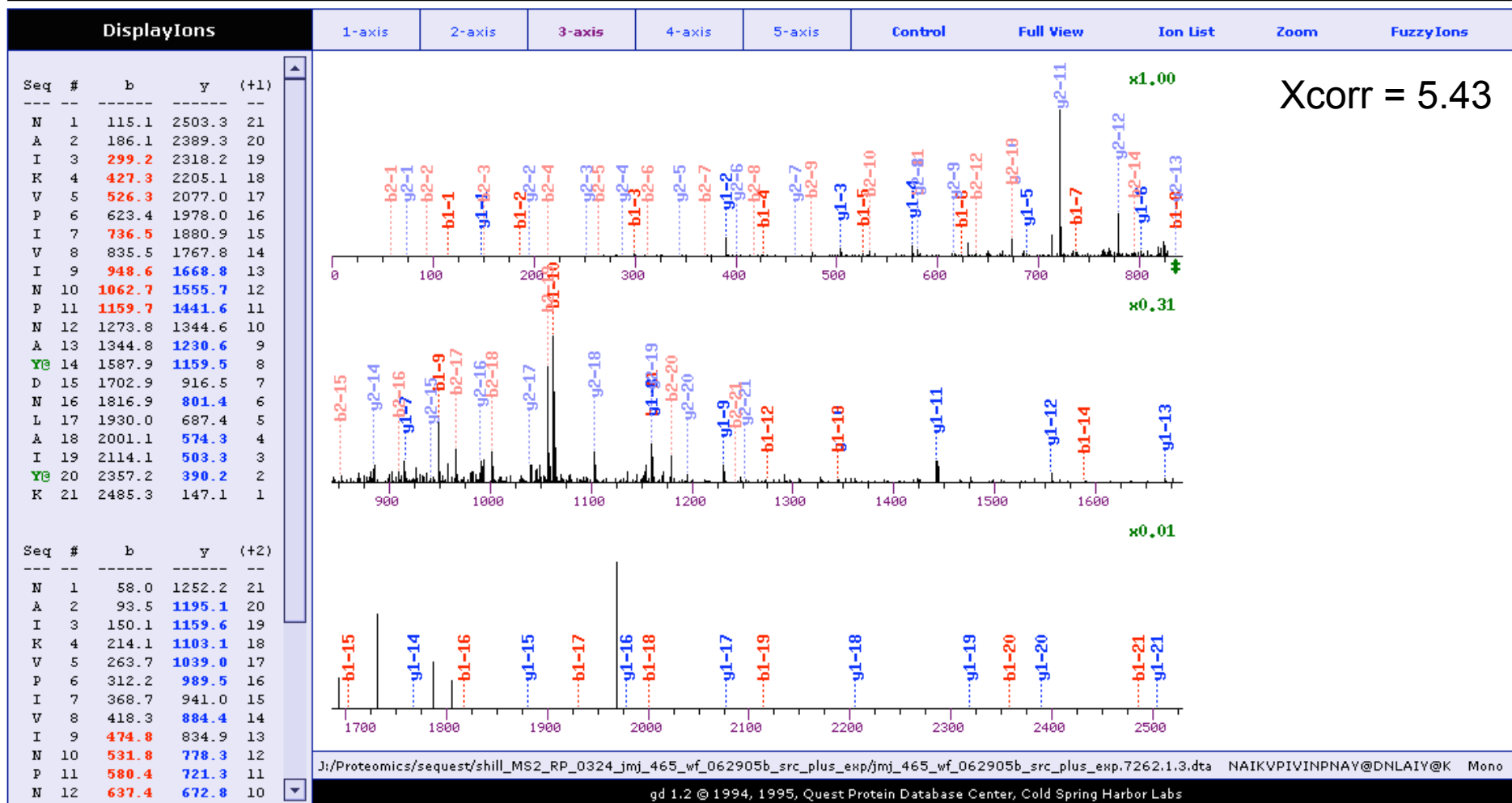
SgK269 pY632

K.NAIKVPIVINPNAY@DNLAITYK.S



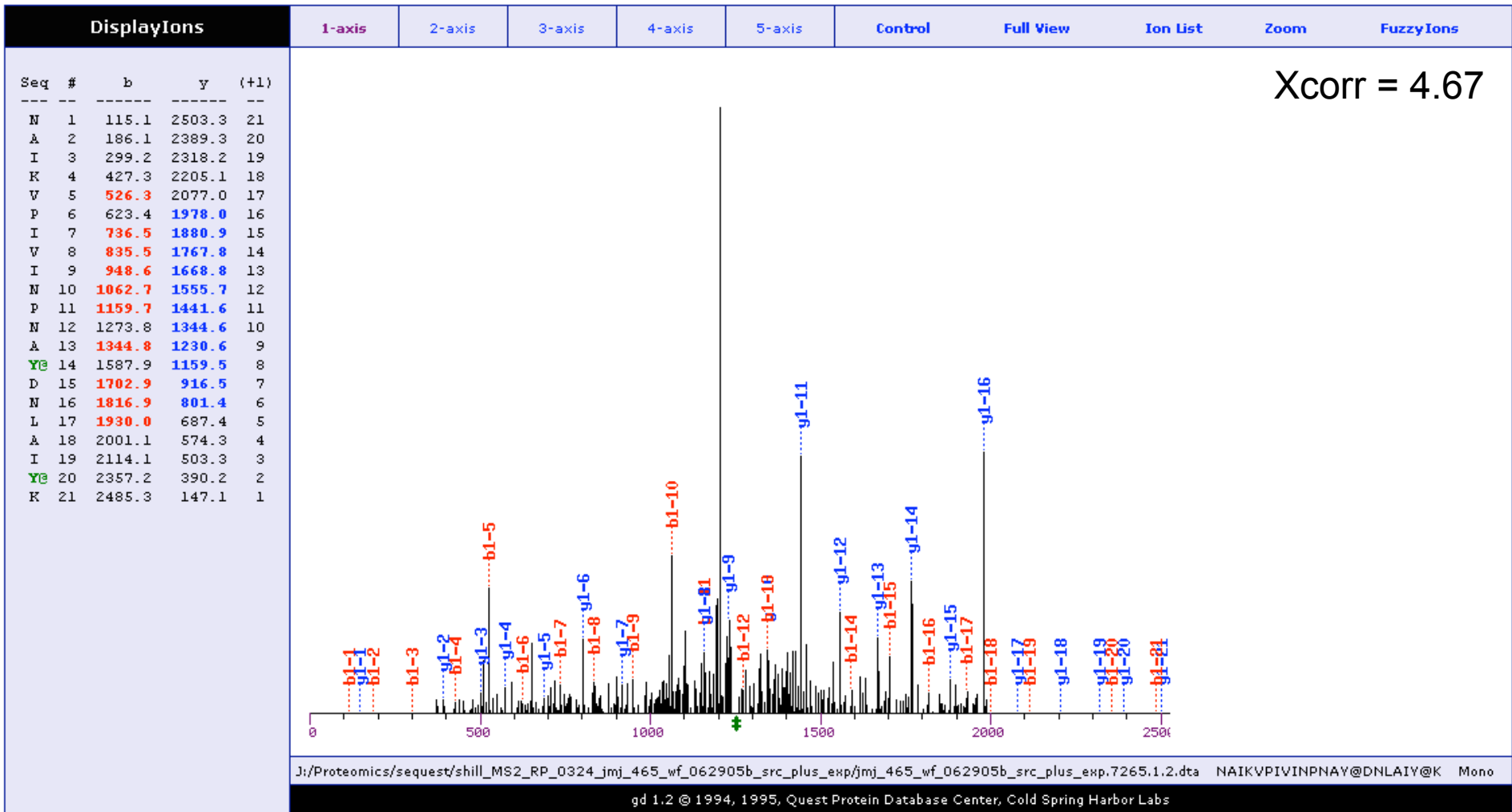
SgK269 pY632/pY638

K.NAIKVPIVINPNAY@DNLAIY@K.S



SgK269 pY632/pY638

K.NAIKVPIVINPNAY@DNLAIY@K.S



SHP-2 pY62

K.IQNTGDY@YDLYGGEK.F

DisplayIons

1-axis

2-axis

3-axis

4-axis

5-axis

Control

Full View

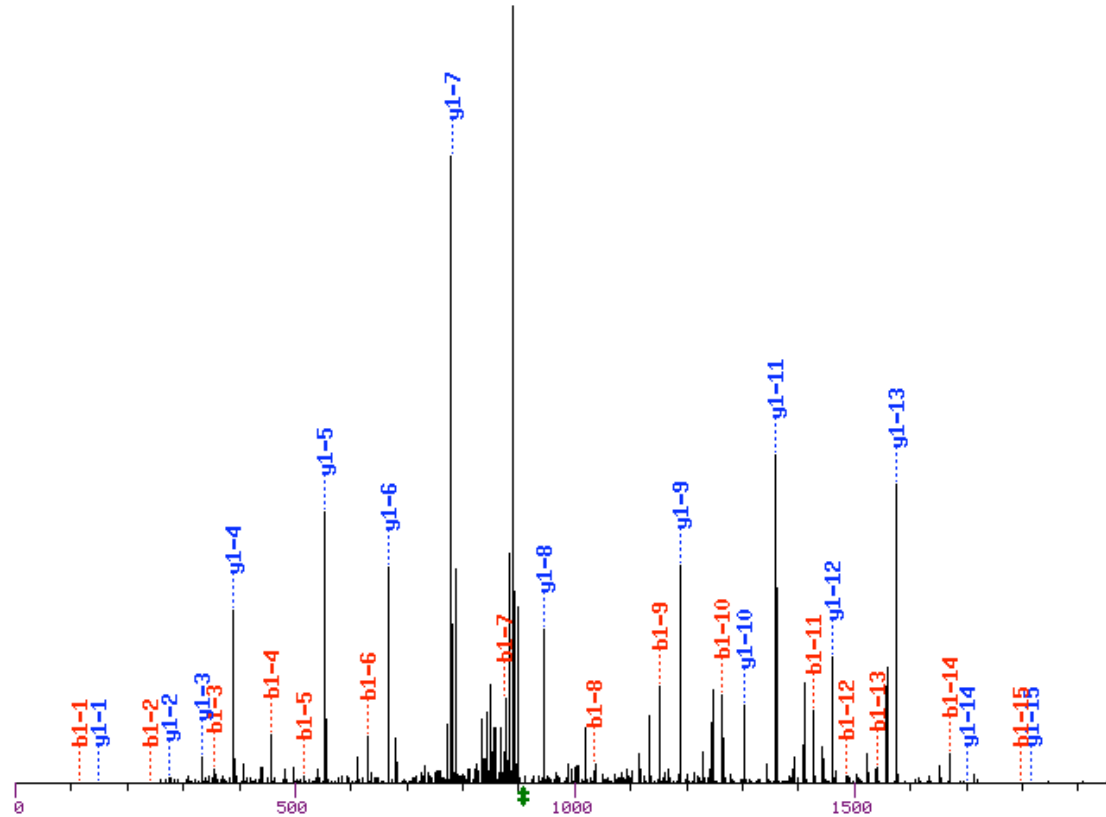
Ion List

Zoom

FuzzyIons

Seq #	b	y	(+1)
I 1	114.1	1815.8	15
Q 2	242.2	1702.7	14
N 3	356.2	1574.6	13
T 4	457.2	1460.6	12
G 5	514.3	1359.5	11
D 6	629.3	1302.5	10
Y 7	872.4	1187.5	9
Y 8	1035.4	944.4	8
D 9	1150.4	781.4	7
L 10	1263.5	666.3	6
Y 11	1426.6	553.3	5
G 12	1483.6	390.2	4
G 13	1540.6	333.2	3
E 14	1669.7	276.2	2
K 15	1797.8	147.1	1

Xcorr = 4.69



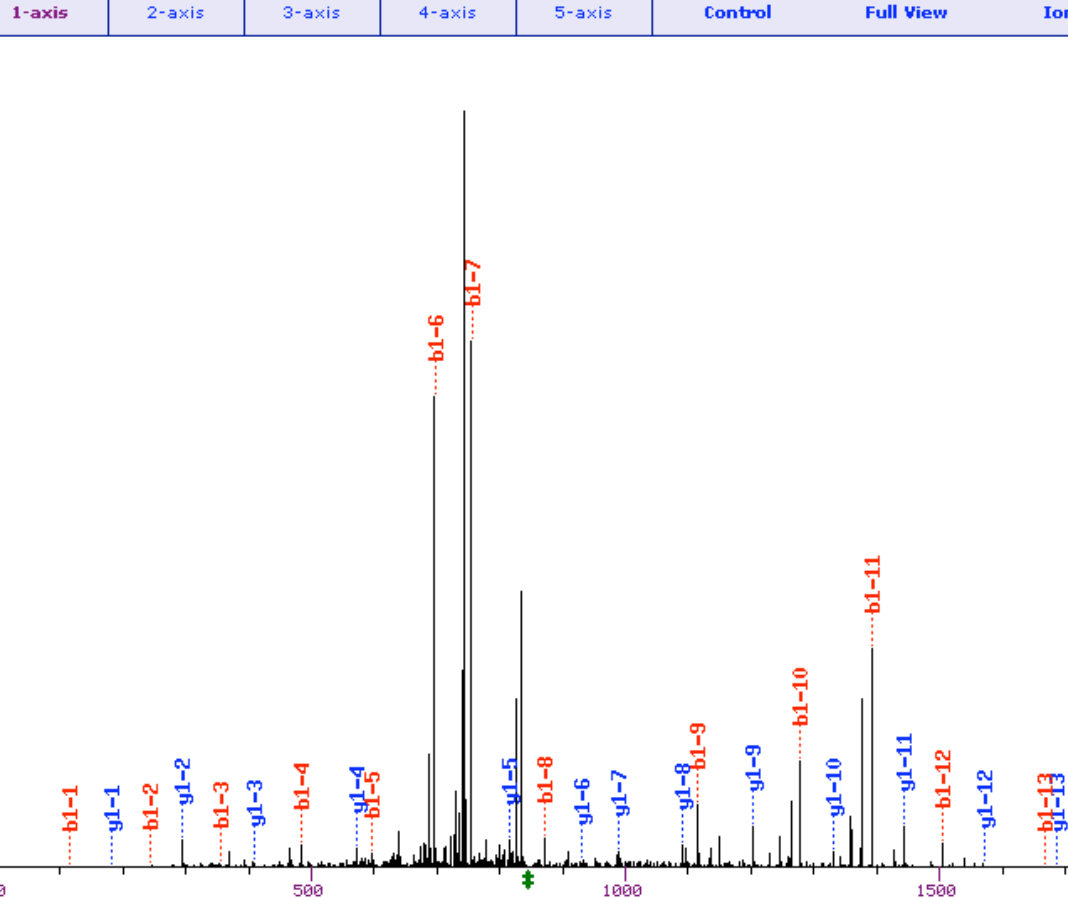
J:/Proteomics/sequest/shill_MS2_RP_0324_jmj_465_wf_062905b_src_plus_exp/jmj_465_wf_062905b_src_plus_exp.5400.1.2.dta IQNTGDY@YDLYGGEK Mono

SHP-2 pY62

H.IKIQNTGDY@YDLY.G

DisplayIons

Seq #	b	y (+1)
I 1	114.1	1685.8 13
K 2	242.2	1572.7 12
I 3	355.3	1444.6 11
Q 4	483.3	1331.5 10
N 5	597.4	1203.5 9
T 6	698.4	1089.4 8
C 7	755.4	988.4 7
D 8	870.5	931.3 6
Y 9	1113.5	816.3 5
Y 10	1276.6	573.3 4
D 11	1391.6	410.2 3
L 12	1504.7	295.2 2
Y 13	1667.8	182.1 1

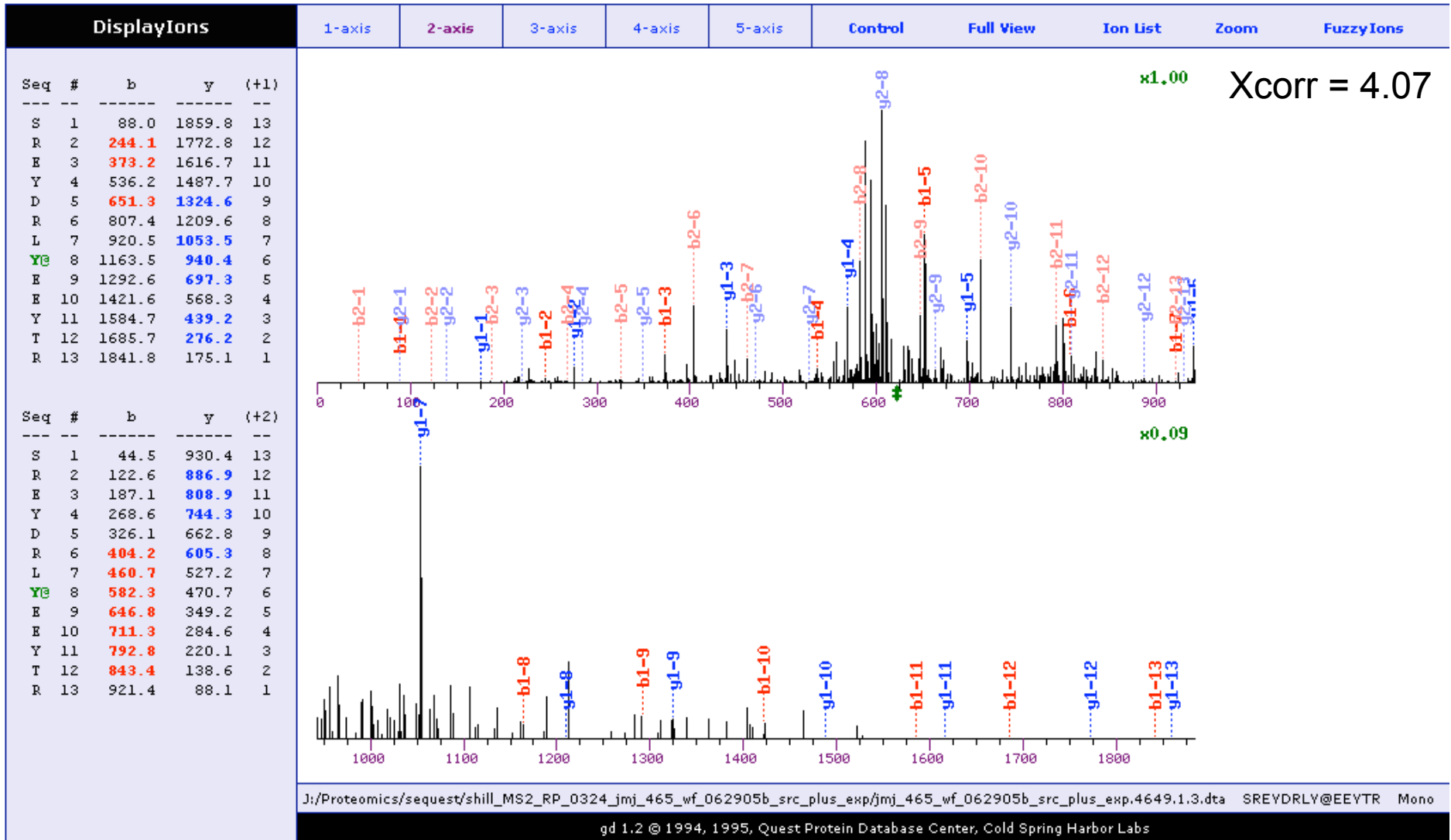


Xcorr = 3.55

J:/Proteomics/sequest/shill_599_MS2_klc_599_WL_110905c_src_cas_chymo_exp2/klc_599_WL_110905c_src_cas_chymo_exp2.4984.1.2.dta IKIQNTGDY@YDLY Mono

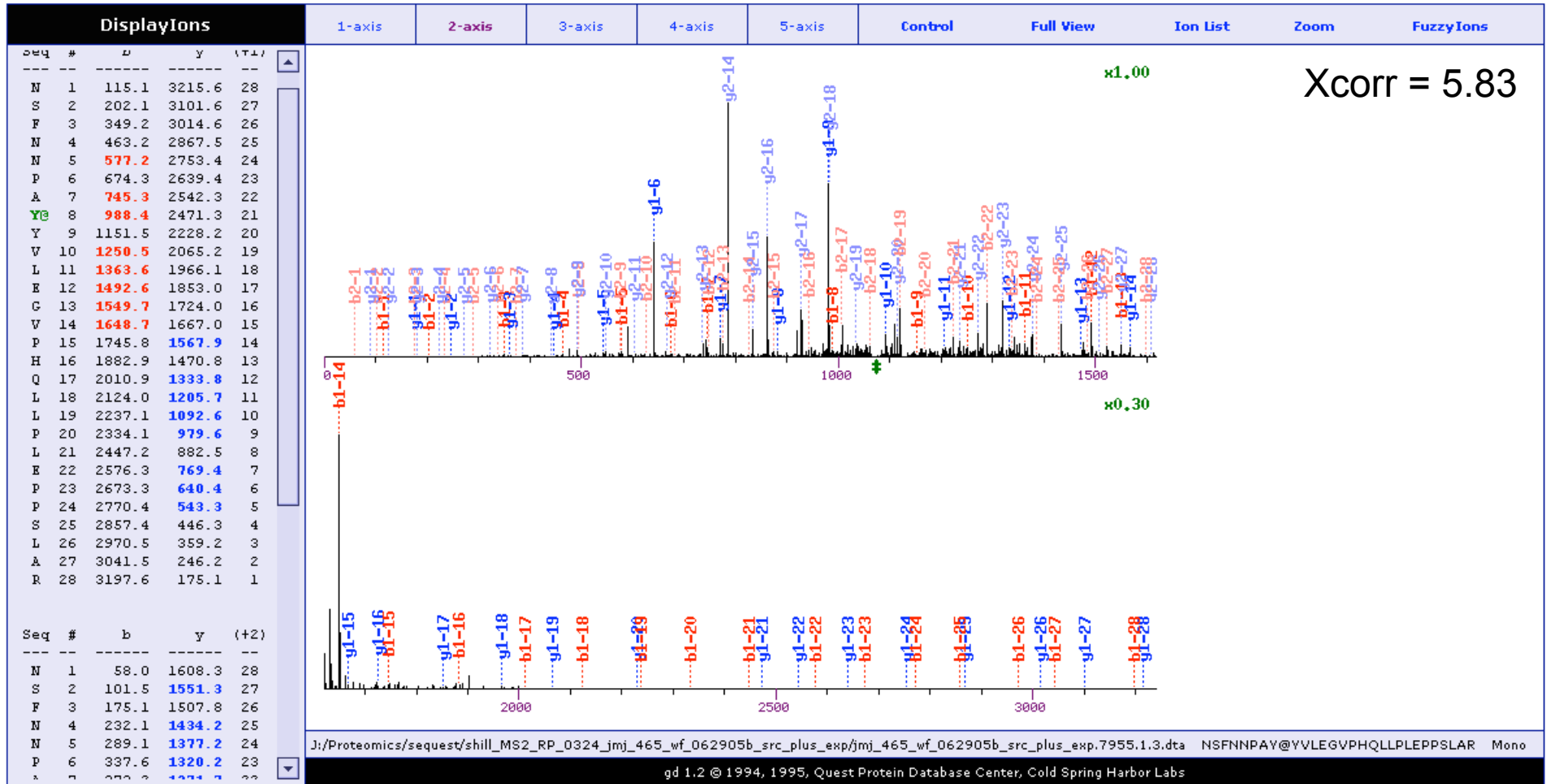
PI3K p85alpha pY467

K.SREYDRLY@EEYTR.T



SHIP2 pY987

K.NSFNNPAY@YVLEGVPHQLLPLEPPSLAR.A



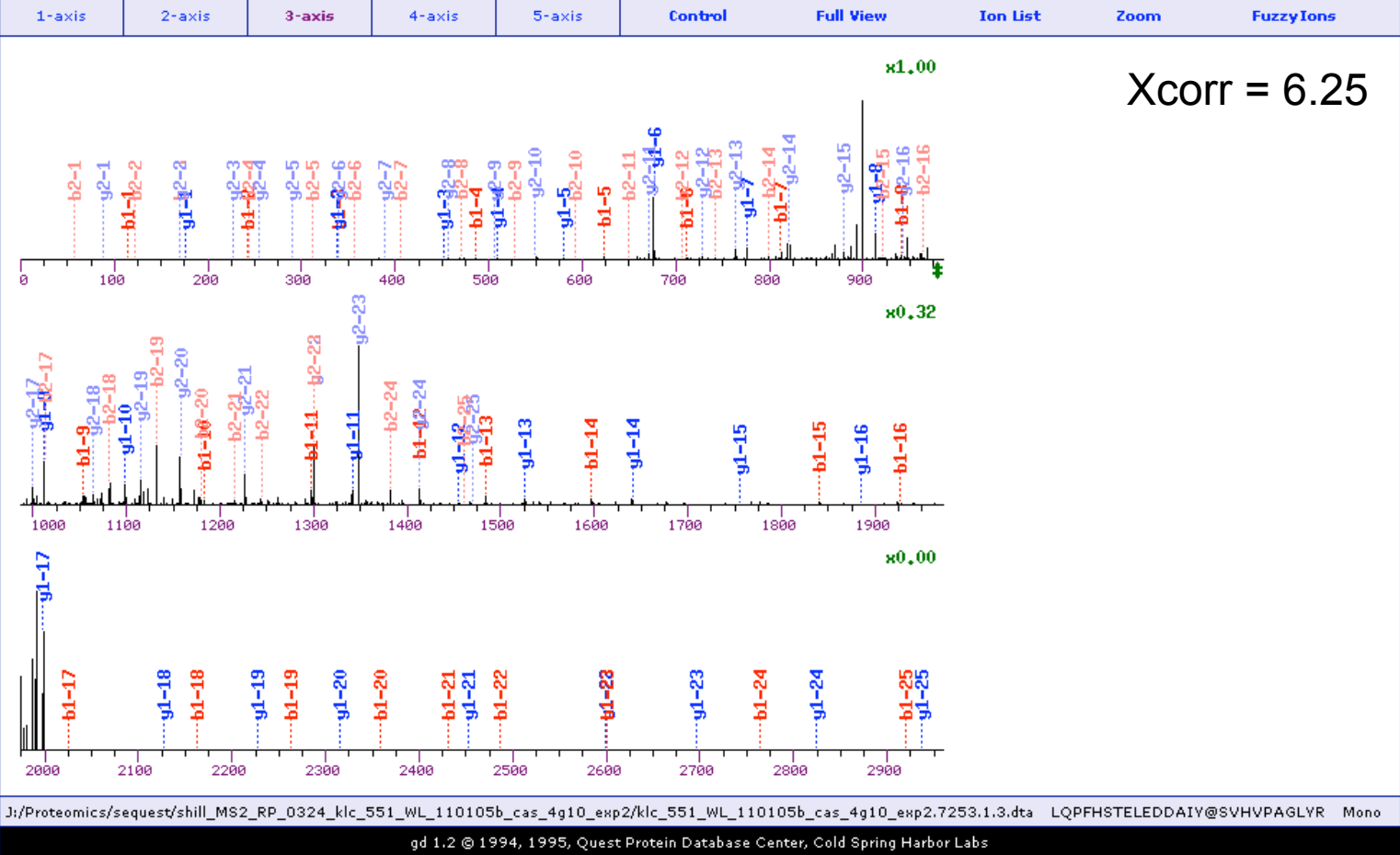
GIT1 pY554

R.LQPFHSTELEDDAIY@SVHVPAGLYR.I

DisplayIons

Seq #	b	y	(+1)
L 1	114.1	2937.4	25
Q 2	242.2	2824.3	24
P 3	339.2	2696.3	23
F 4	486.3	2599.2	22
H 5	623.3	2452.2	21
S 6	710.4	2315.1	20
T 7	811.4	2228.1	19
E 8	940.5	2127.0	18
L 9	1053.5	1998.0	17
E 10	1182.6	1884.9	16
D 11	1297.6	1755.8	15
D 12	1412.6	1640.8	14
A 13	1483.7	1525.8	13
I 14	1596.8	1454.8	12
Y 15	1839.8	1341.7	11
S 16	1926.8	1098.6	10
V 17	2025.9	1011.6	9
H 18	2163.0	912.5	8
V 19	2262.0	775.4	7
P 20	2359.1	676.4	6
A 21	2430.1	579.3	5
C 22	2487.2	508.3	4
L 23	2600.2	451.3	3
Y 24	2763.3	338.2	2
R 25	2919.4	175.1	1

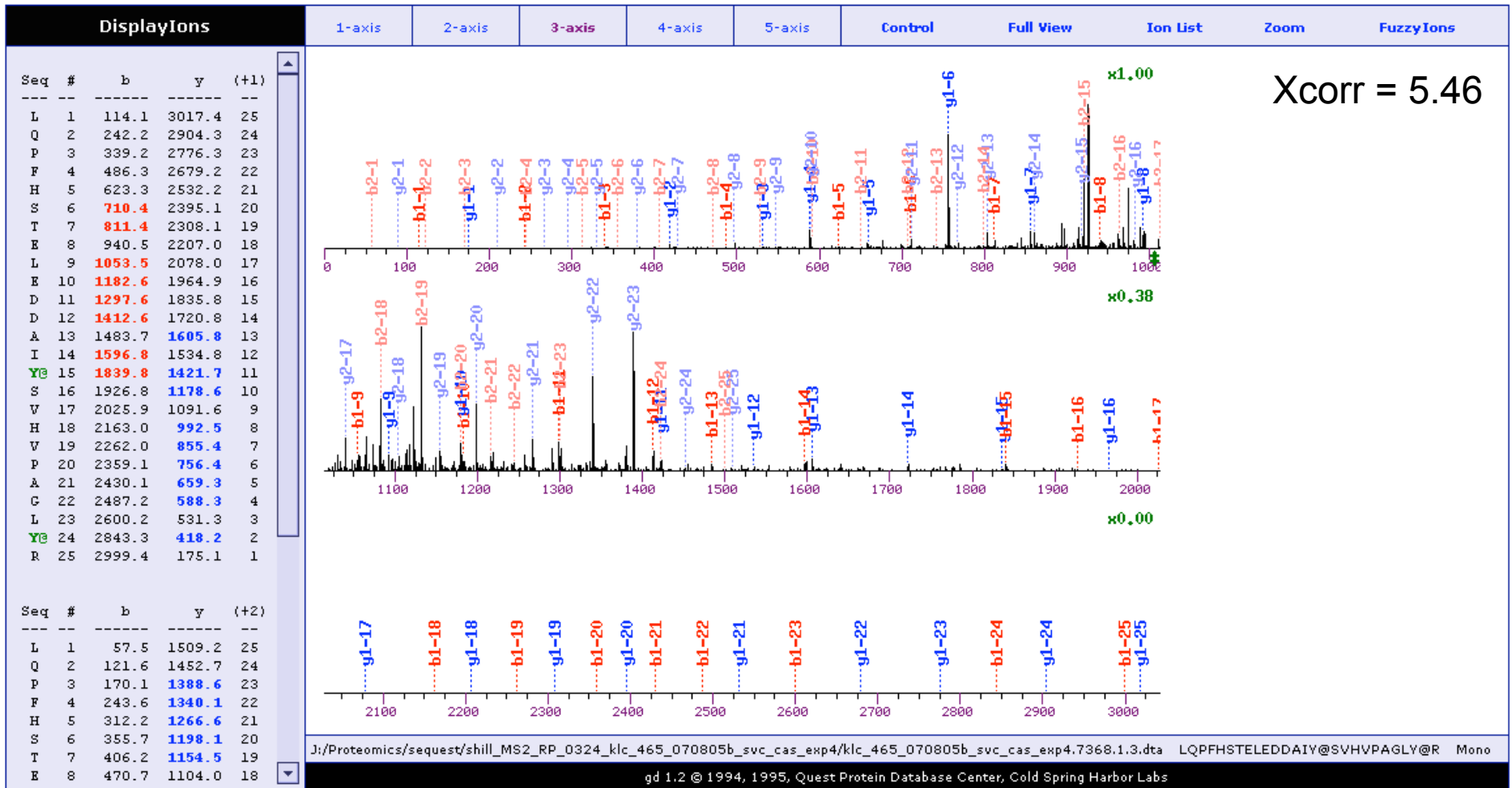
Seq #	b	y	(+2)
L 1	57.5	1469.2	25
Q 2	121.6	1412.7	24
P 3	170.1	1348.6	23
F 4	243.6	1300.1	22
H 5	312.2	1226.6	21
S 6	355.7	1158.1	20
T 7	406.2	1114.5	19
E 8	470.7	1064.0	18



Xcorr = 6.25

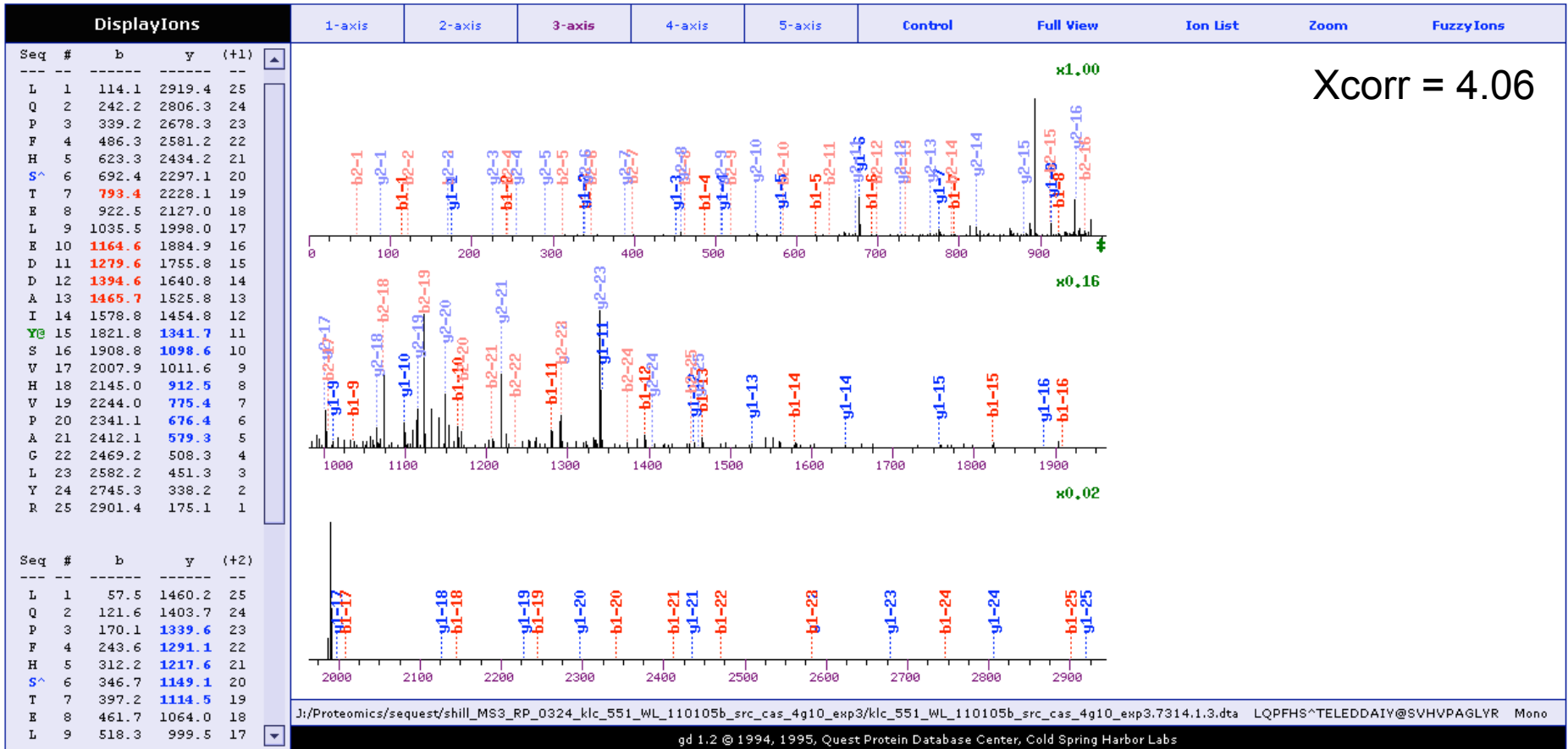
GIT1 pY554

R.LQPFHSTELEDDAIY@SVHVPAGLY@R.I



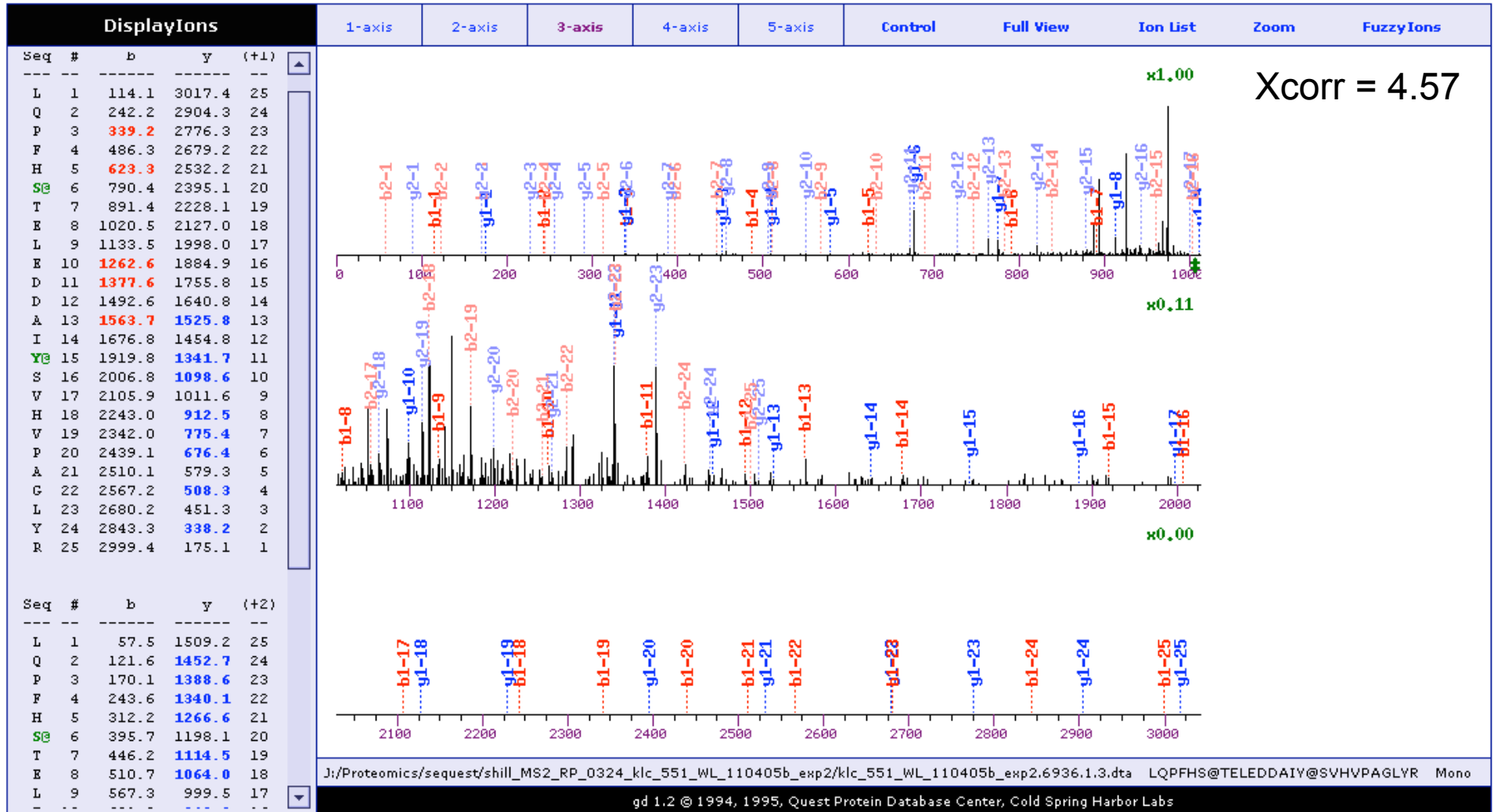
GIT1 pY554

R.LQPFHS^TELEDDAIY@SVHVPAGLYR.I



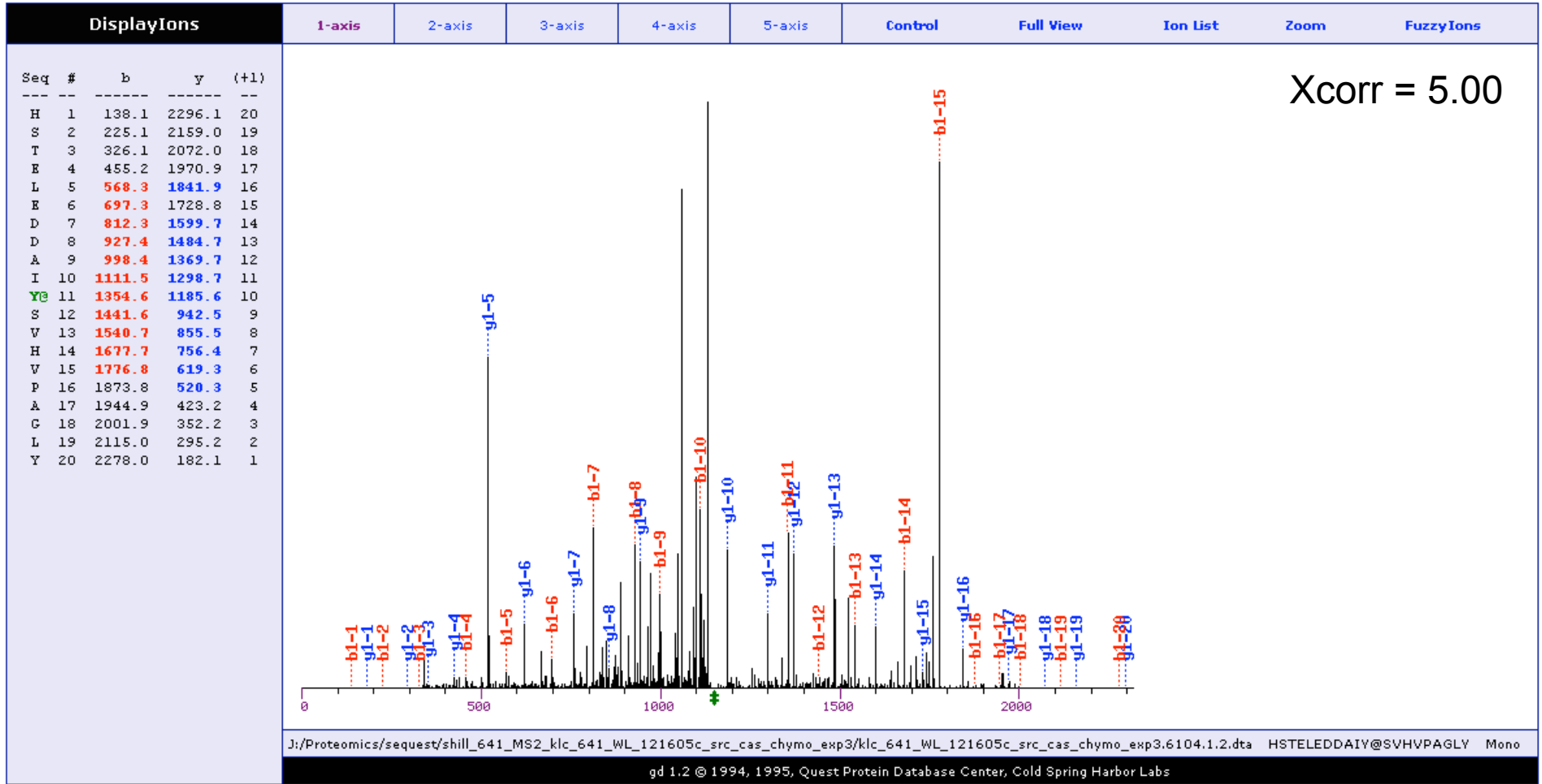
GIT1 pY554

R.LQPFHS@TELEDDAIY@SVHVPAAGLYR.I

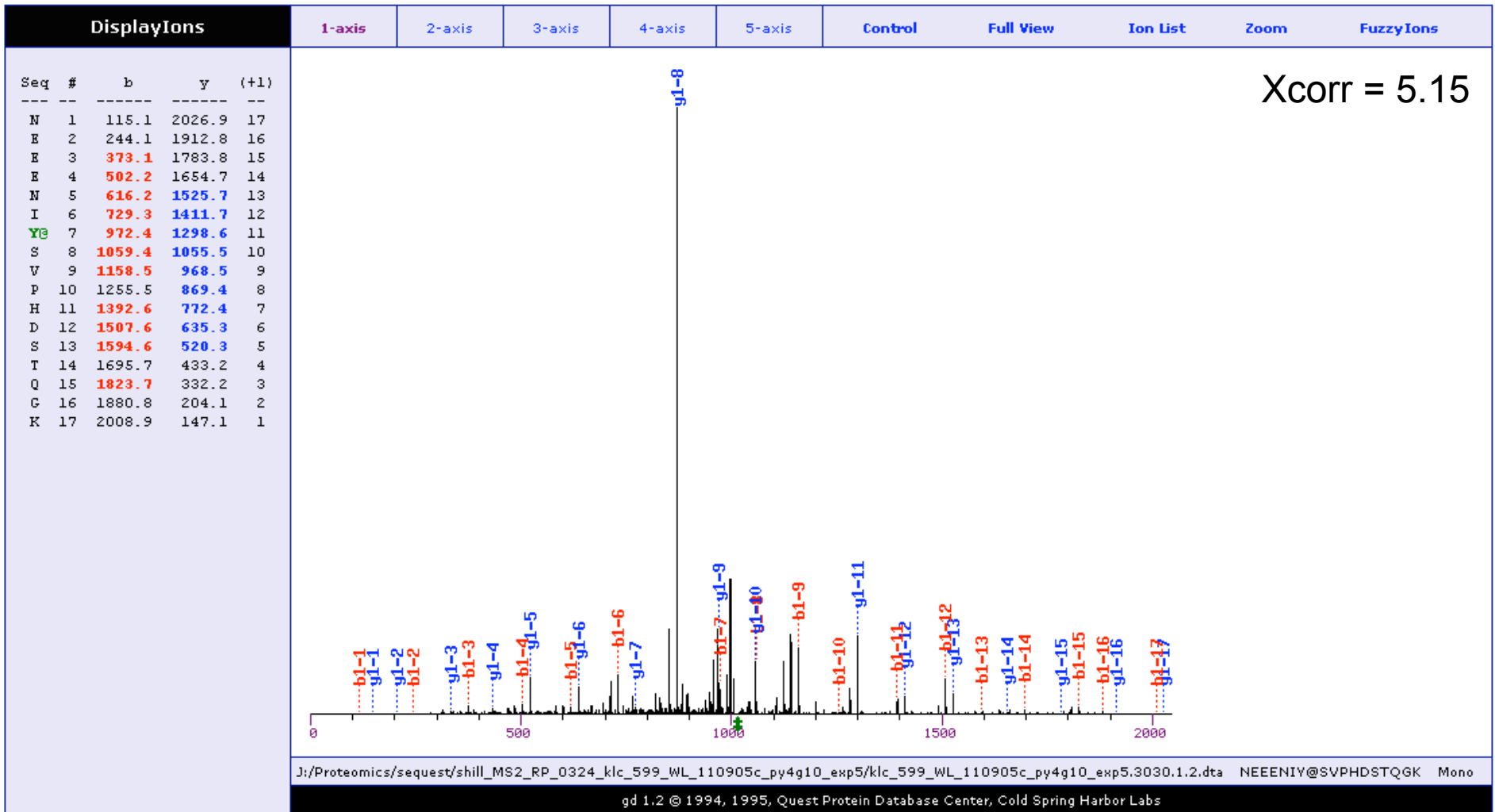


GIT1 pY554

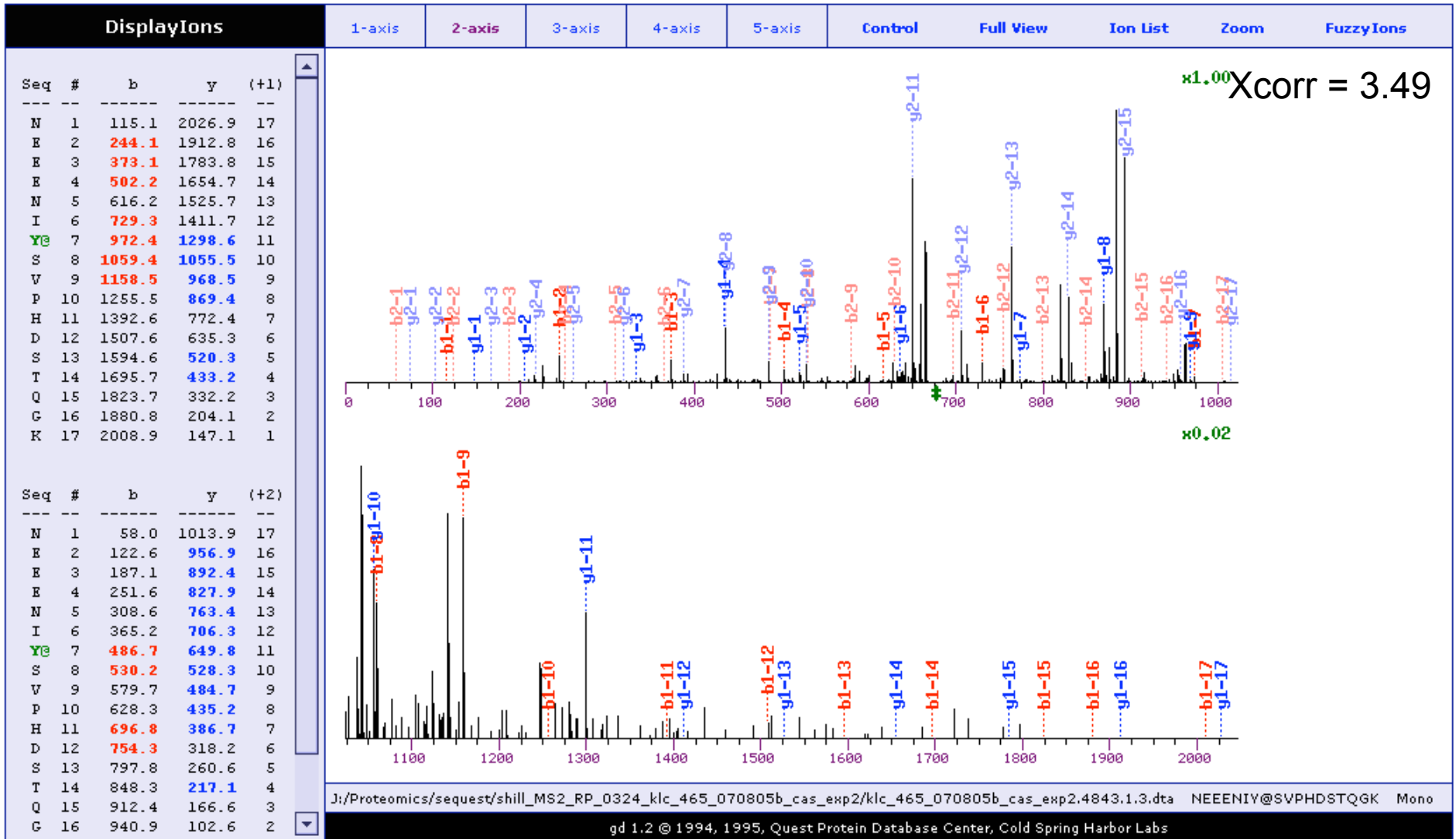
F.HSTELEDDAIY@SVHVPAGLY.R



p190RhoGAP pY943 R.NEEENIY@SVPHDSTQGK.I

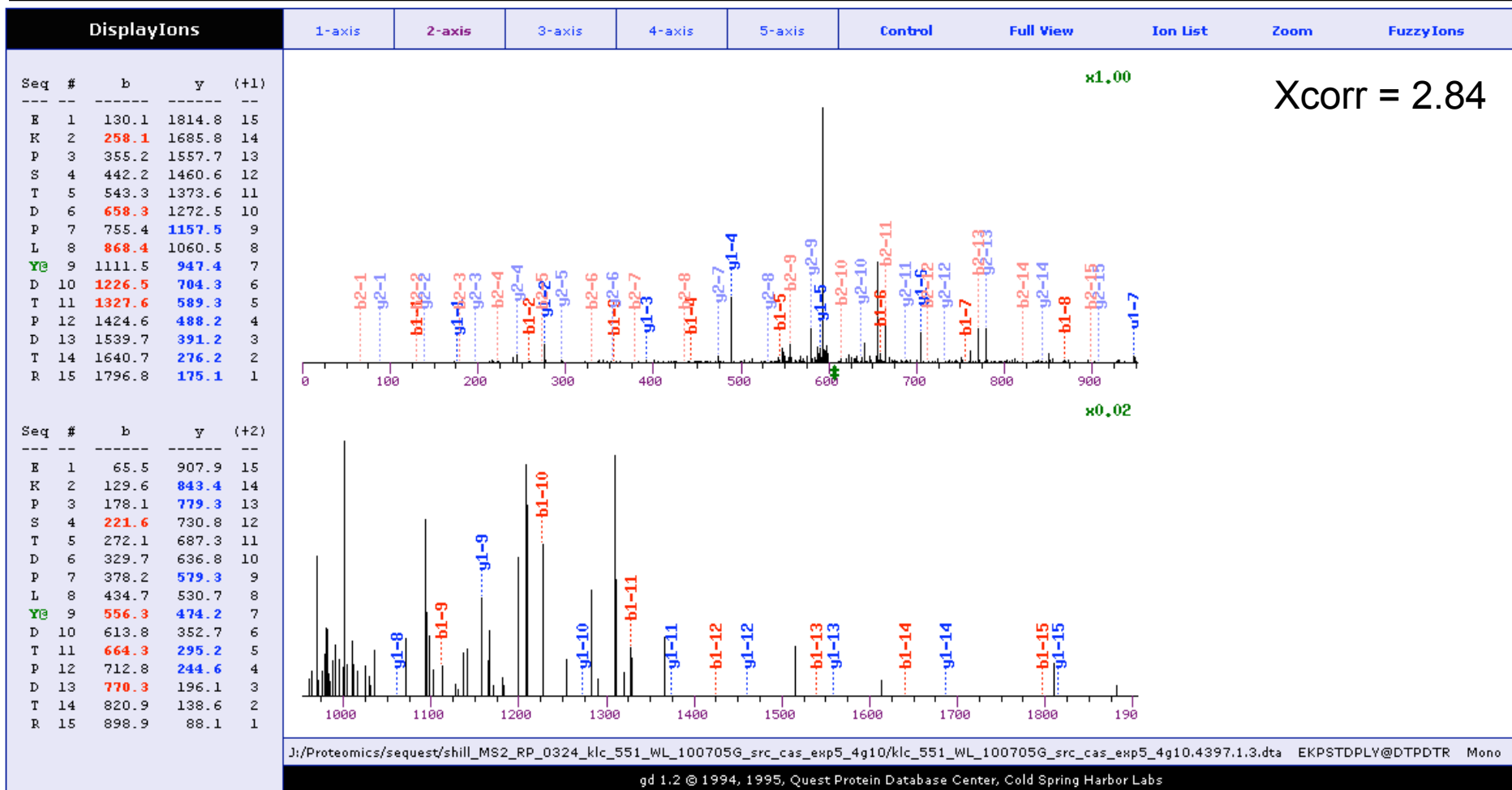


p190RhoGAP pY943 R.NEEENIY@SVPHDSTQGK.I

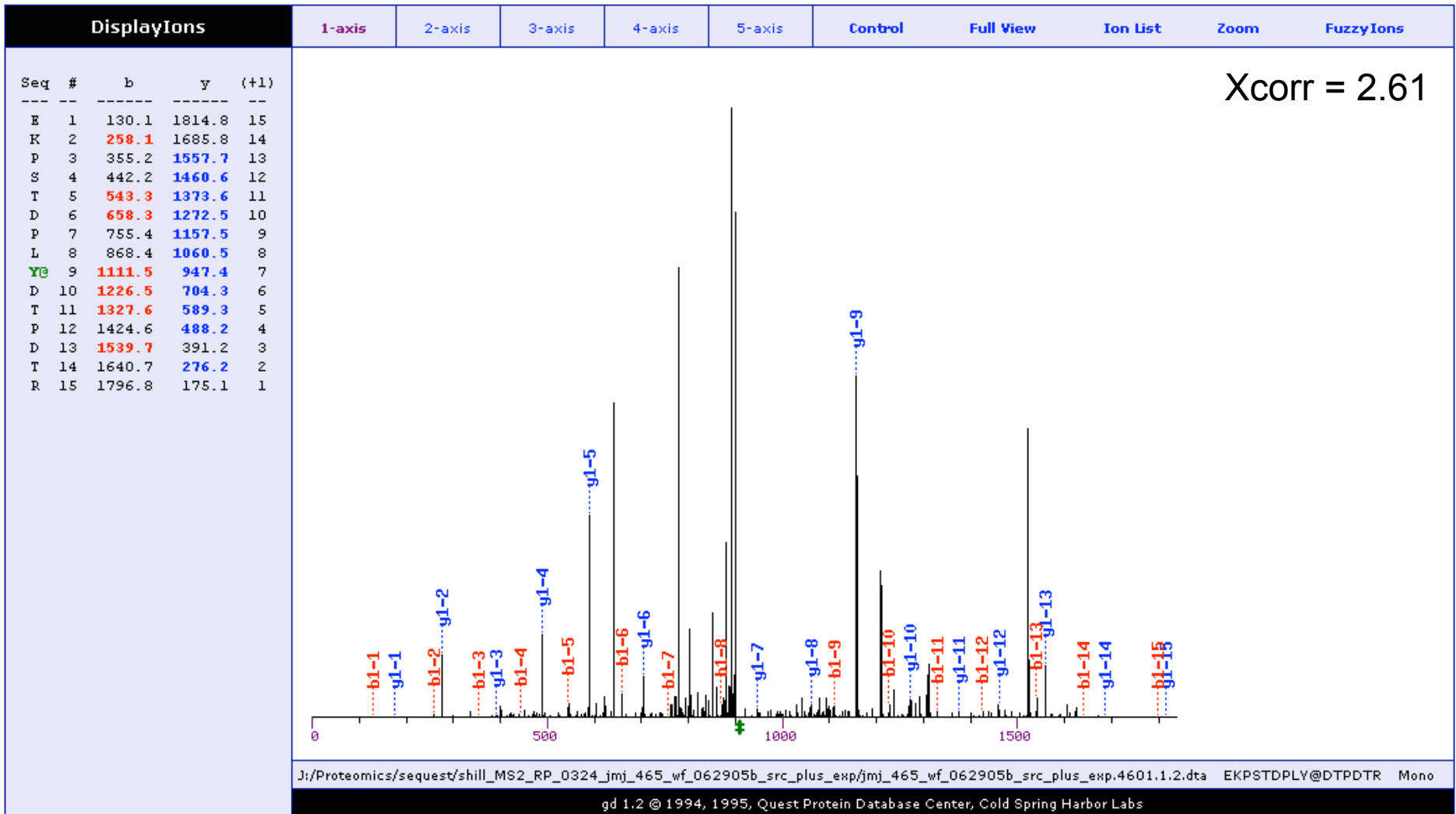


RIN1 pY35

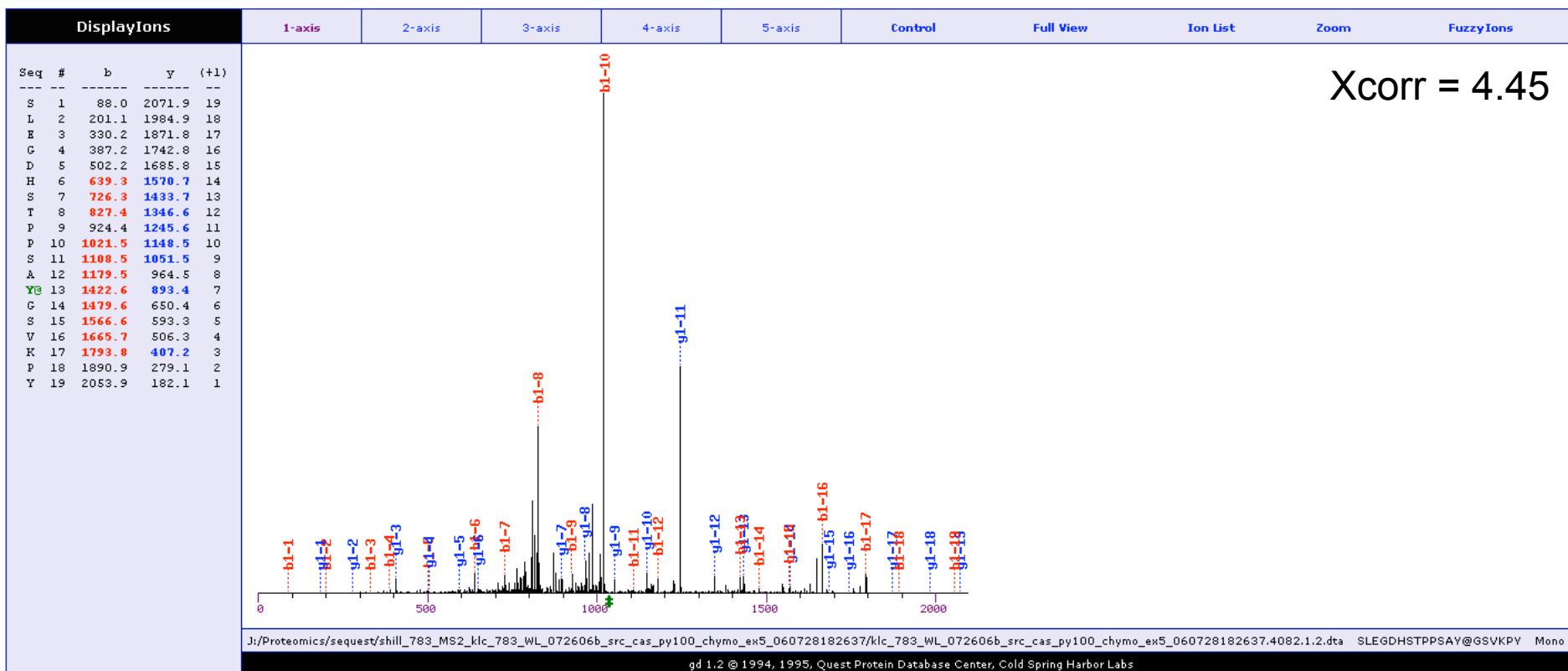
K.EKPSTDPLY@DTPDTR.G



RIN1 pY35 K.EKPSTDPLY@DTPDTR.G

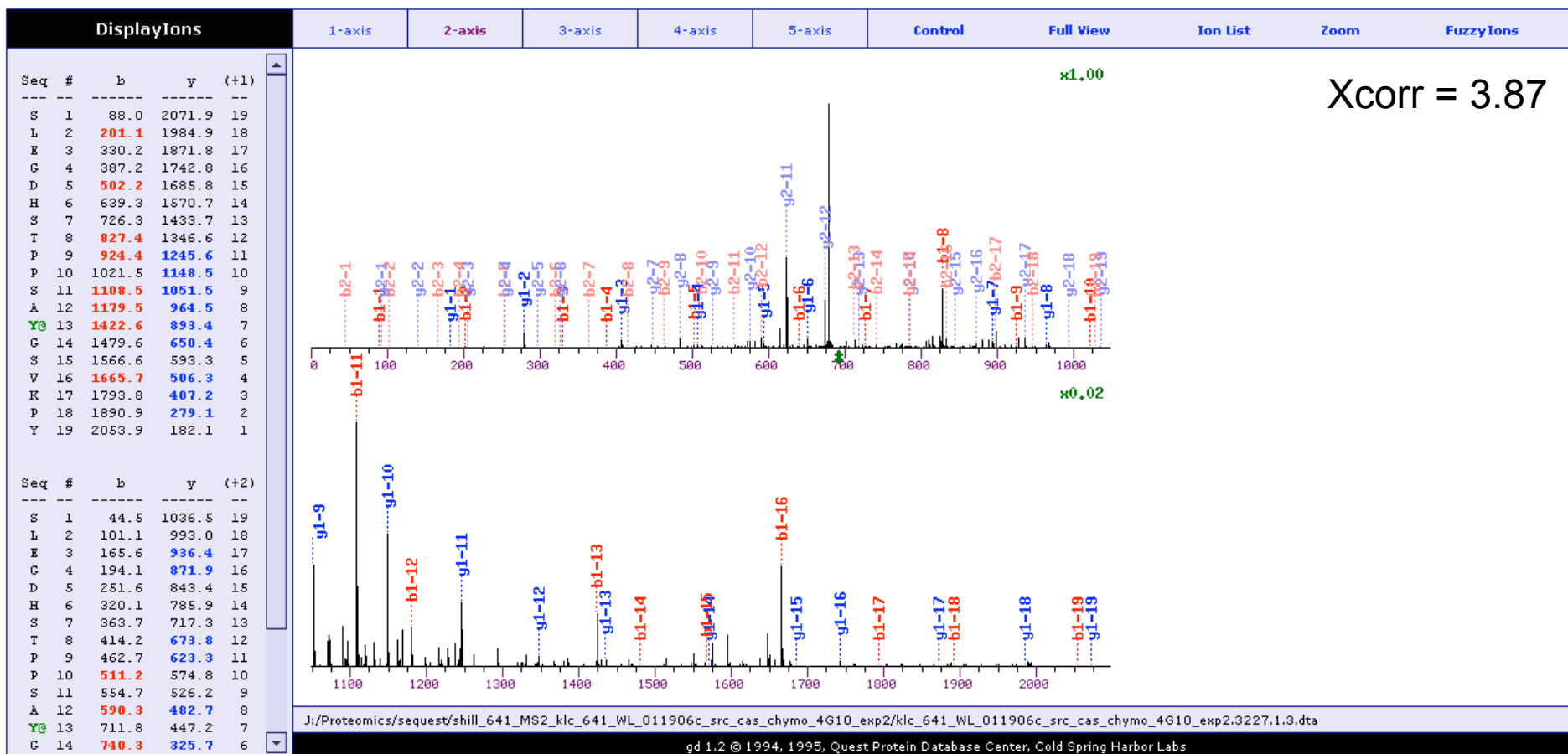


Annexin A2 pY23 L.SLEGDHSTPPSAY@GSVKPY.T



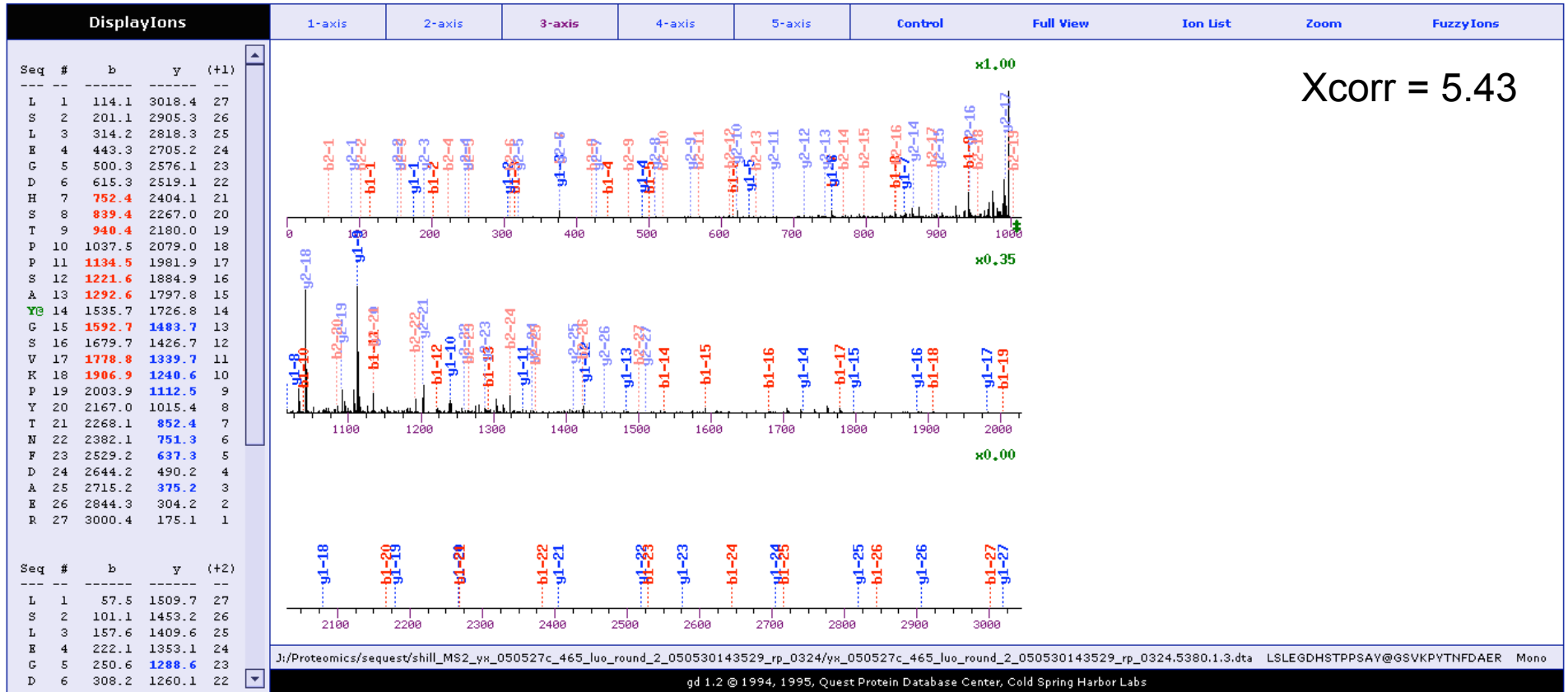
Annexin A2 pY23

L.SLEGDHSTPPSAY@GSVKPY.T

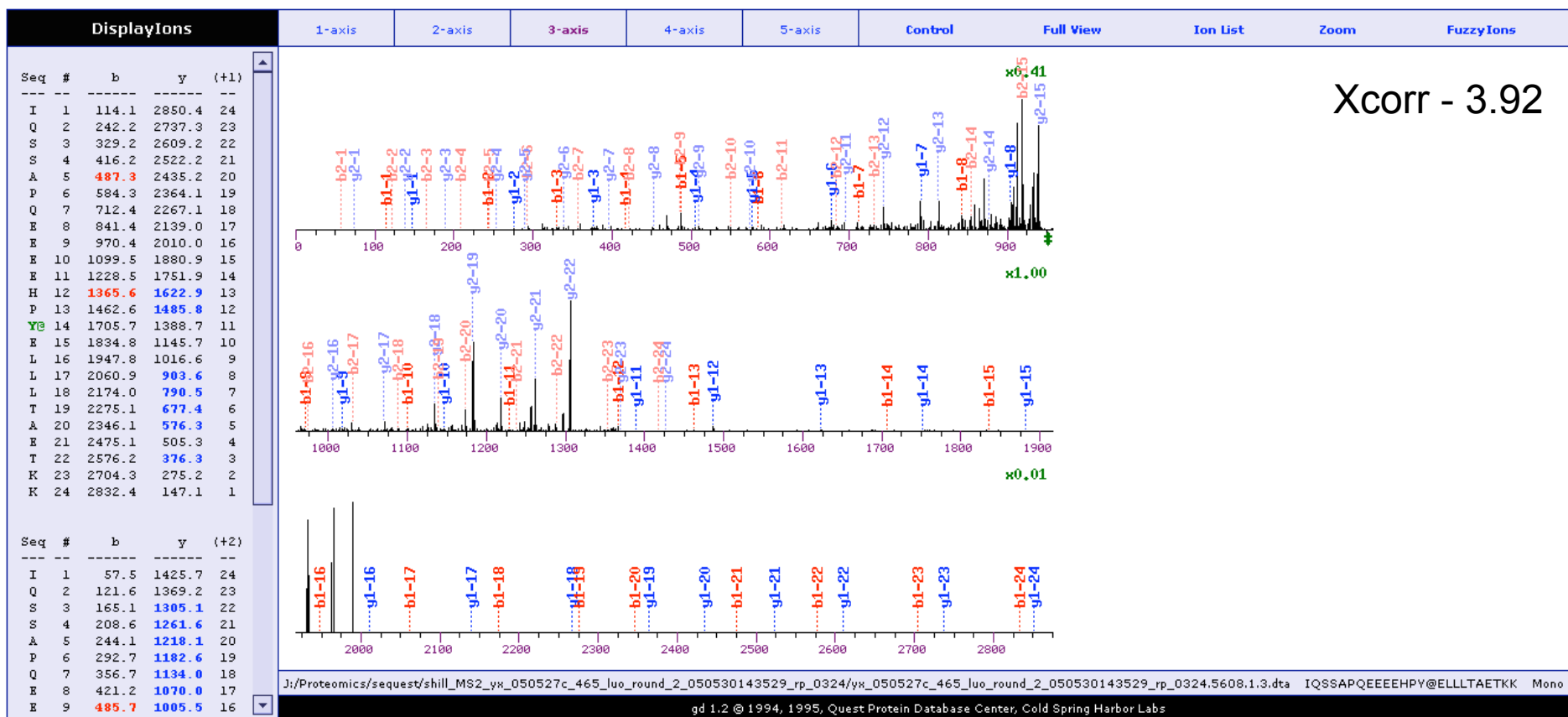


Annexin A2 pY23

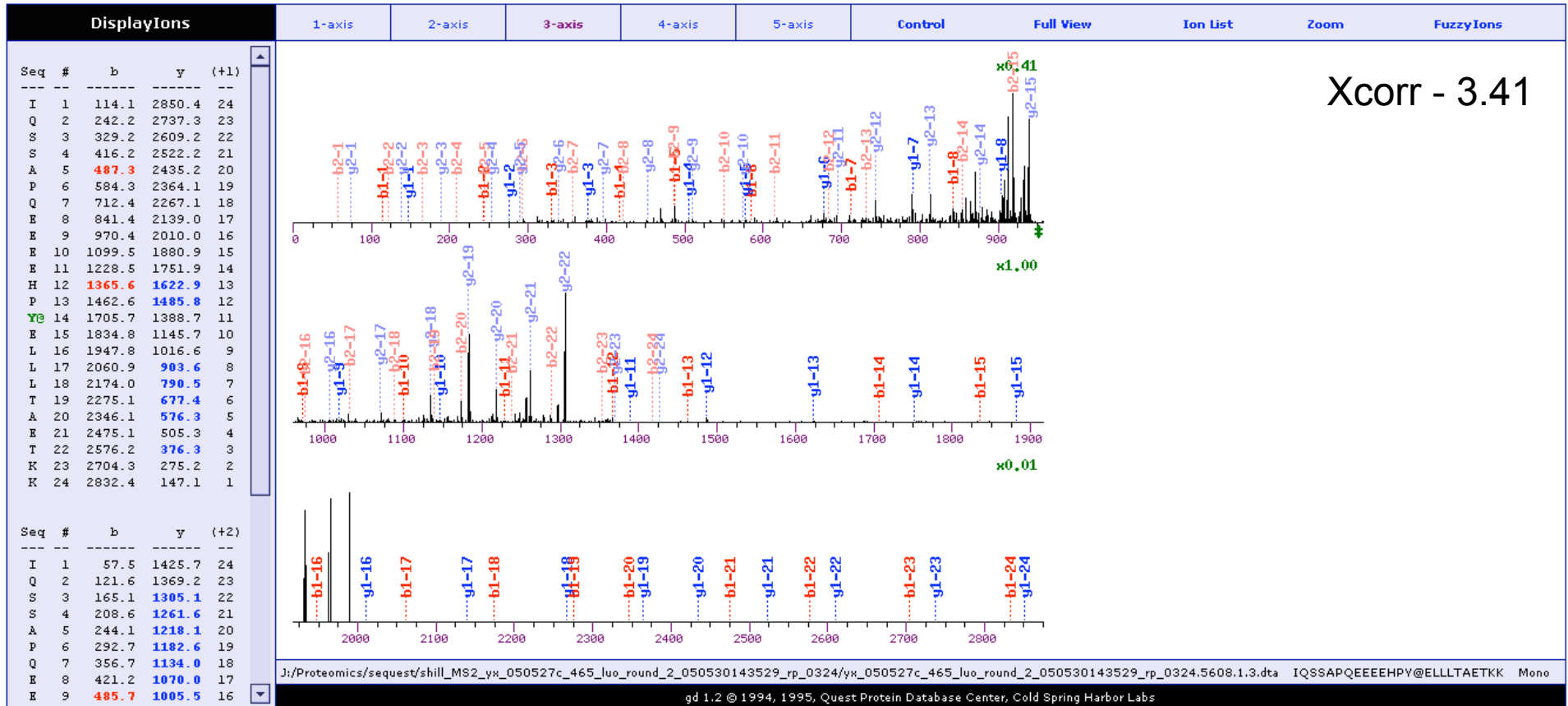
K.LSLEGDHSTPPSAY@GSVKPYTNFDAER.D



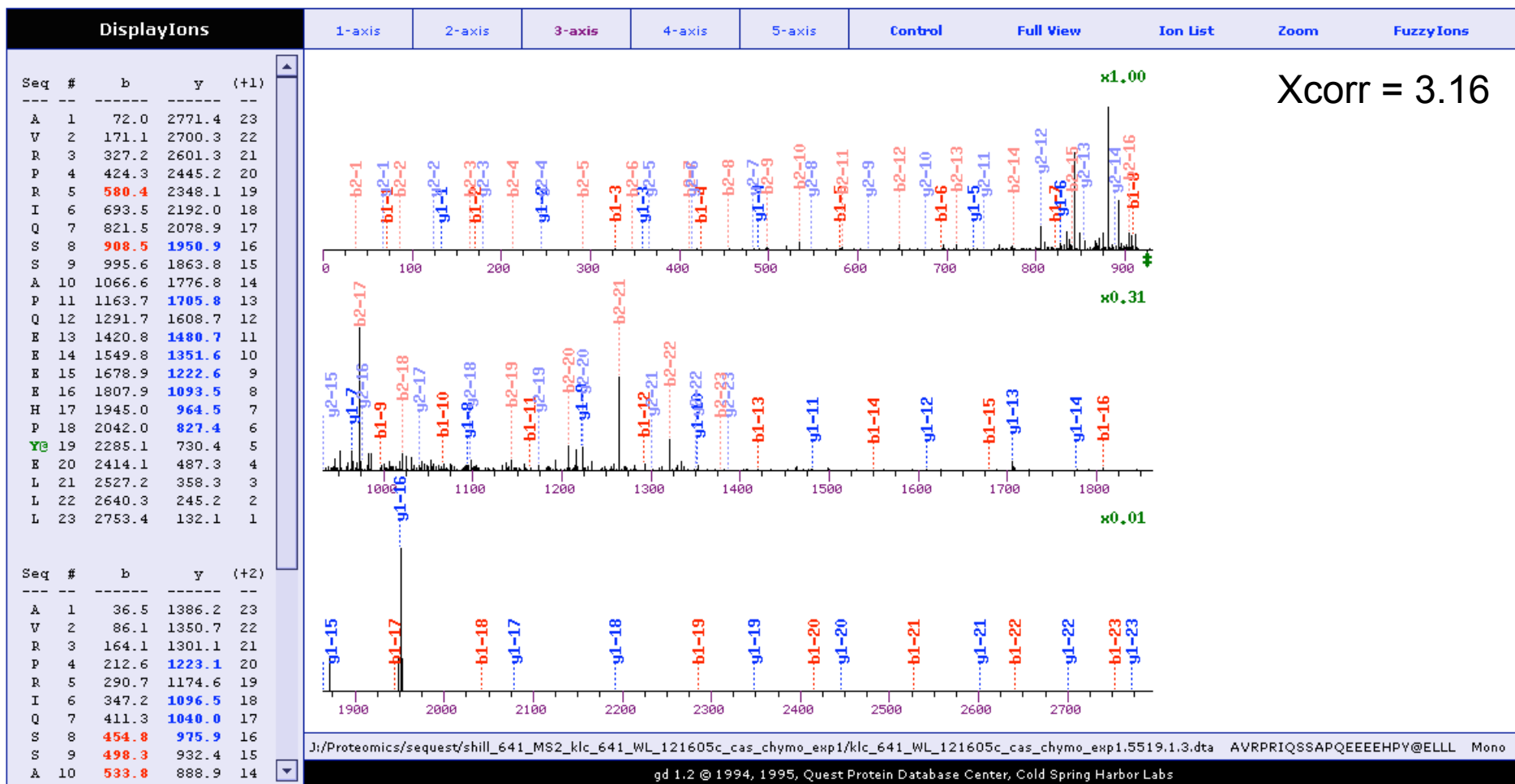
ANKS1/Odin pY471 R.IQSSAPQEEEEHPY@ELLLTAETKK.L



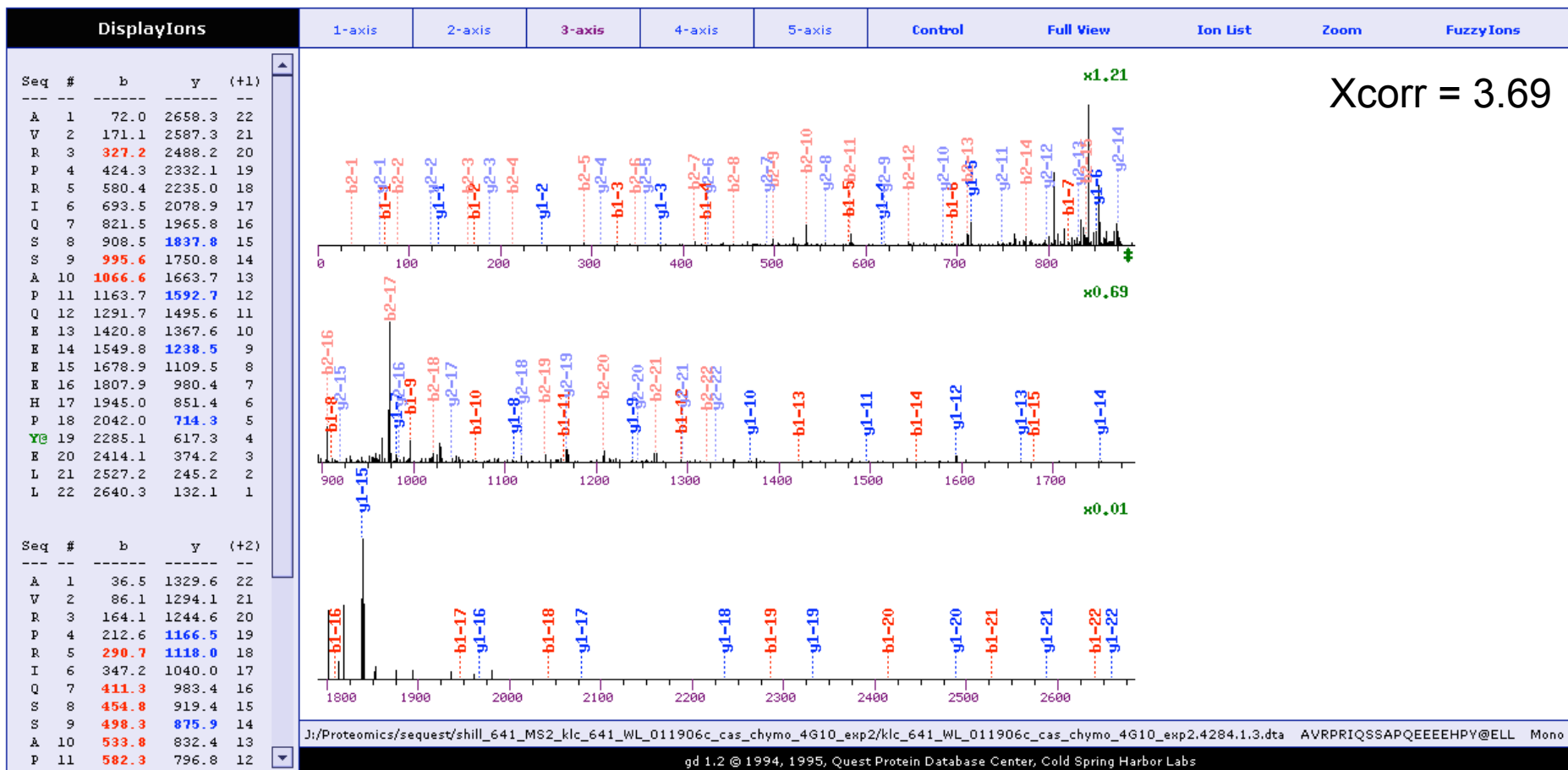
ANKS1/Odin pY471 R.IQSSAPQEEEEHPY@ELLLTAETK.K



ANKS1/Odin pY471 L.AVRPRIQSSAPQEEEEHPY@ELL.L.T

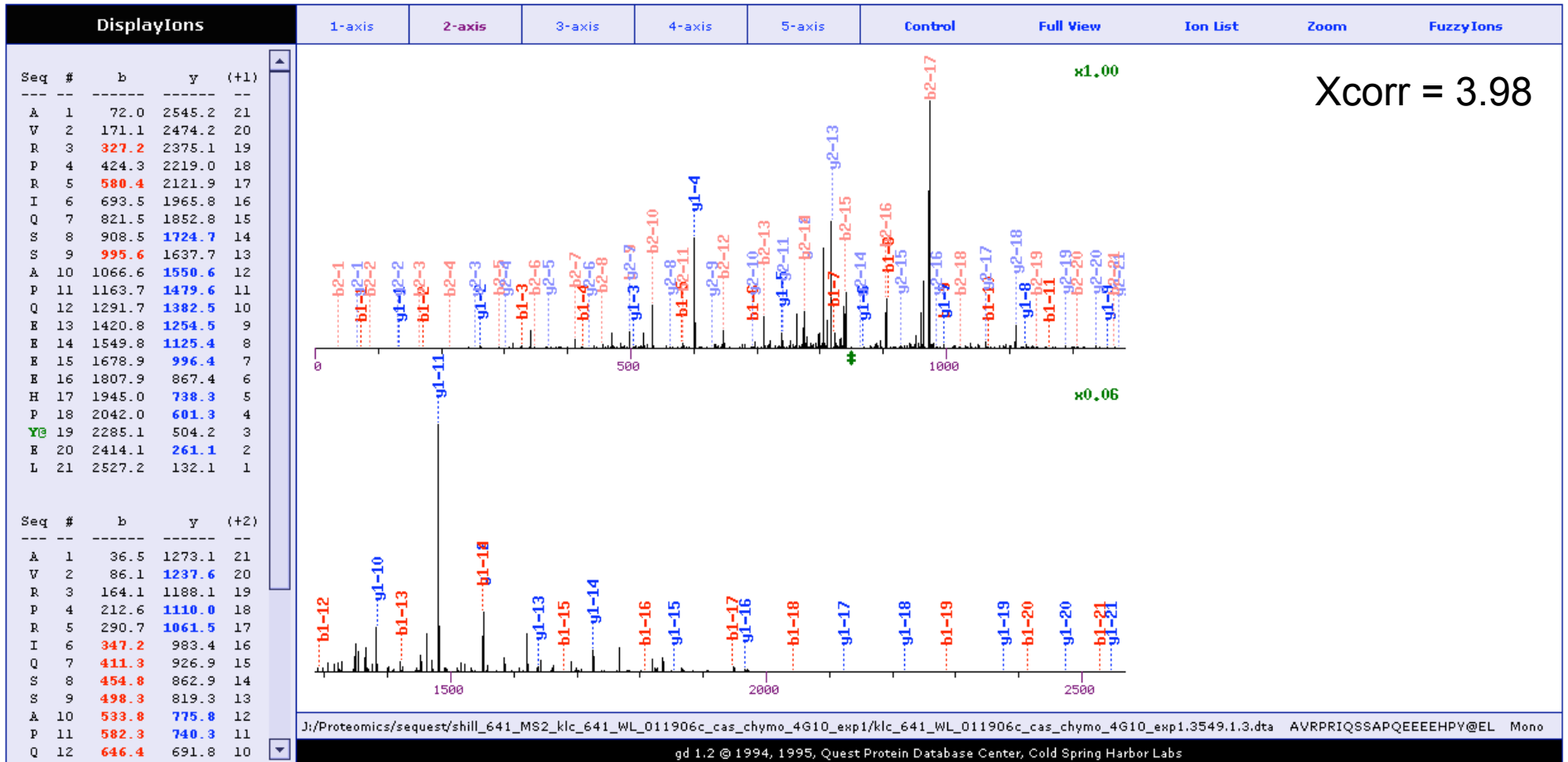


ANKS1/Odin pY471 L.AVRPRIQSSAPQEEEEHPY@ELL.L

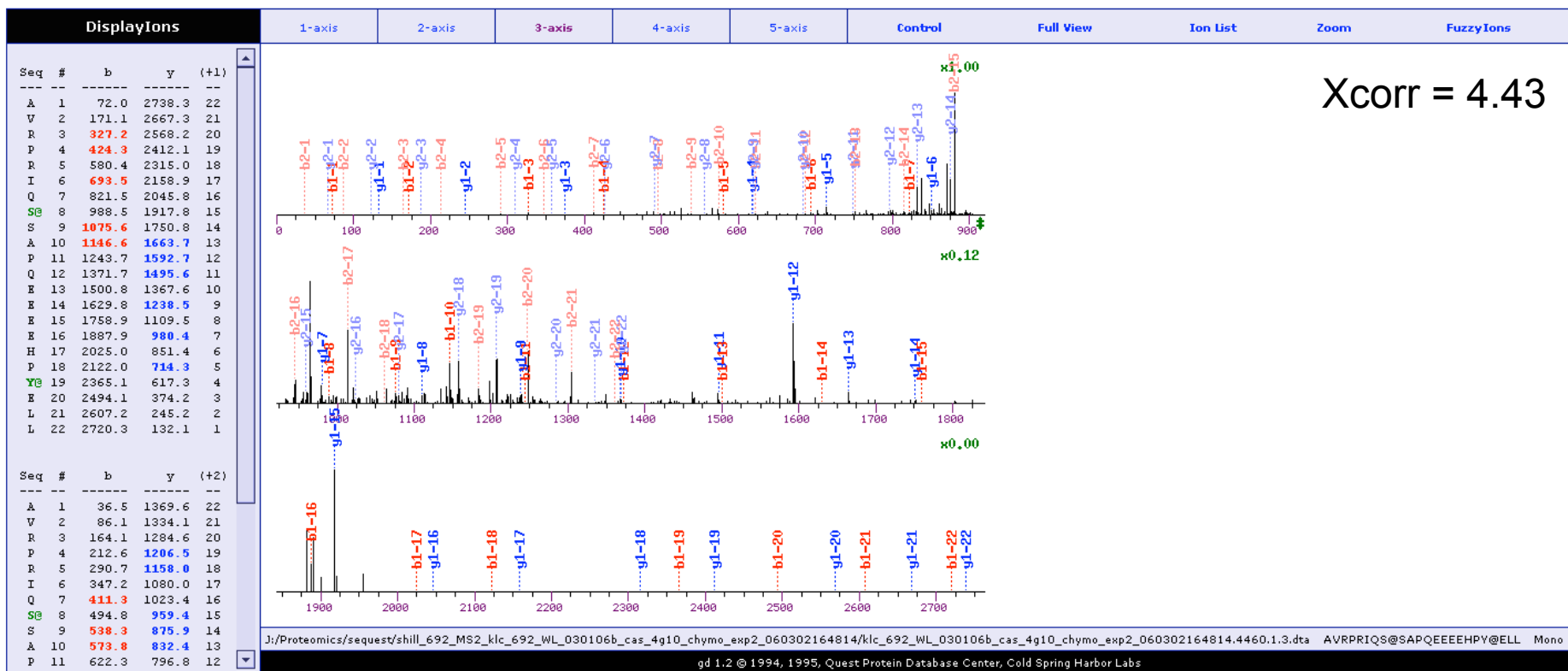


ANKS1/Odin pY471

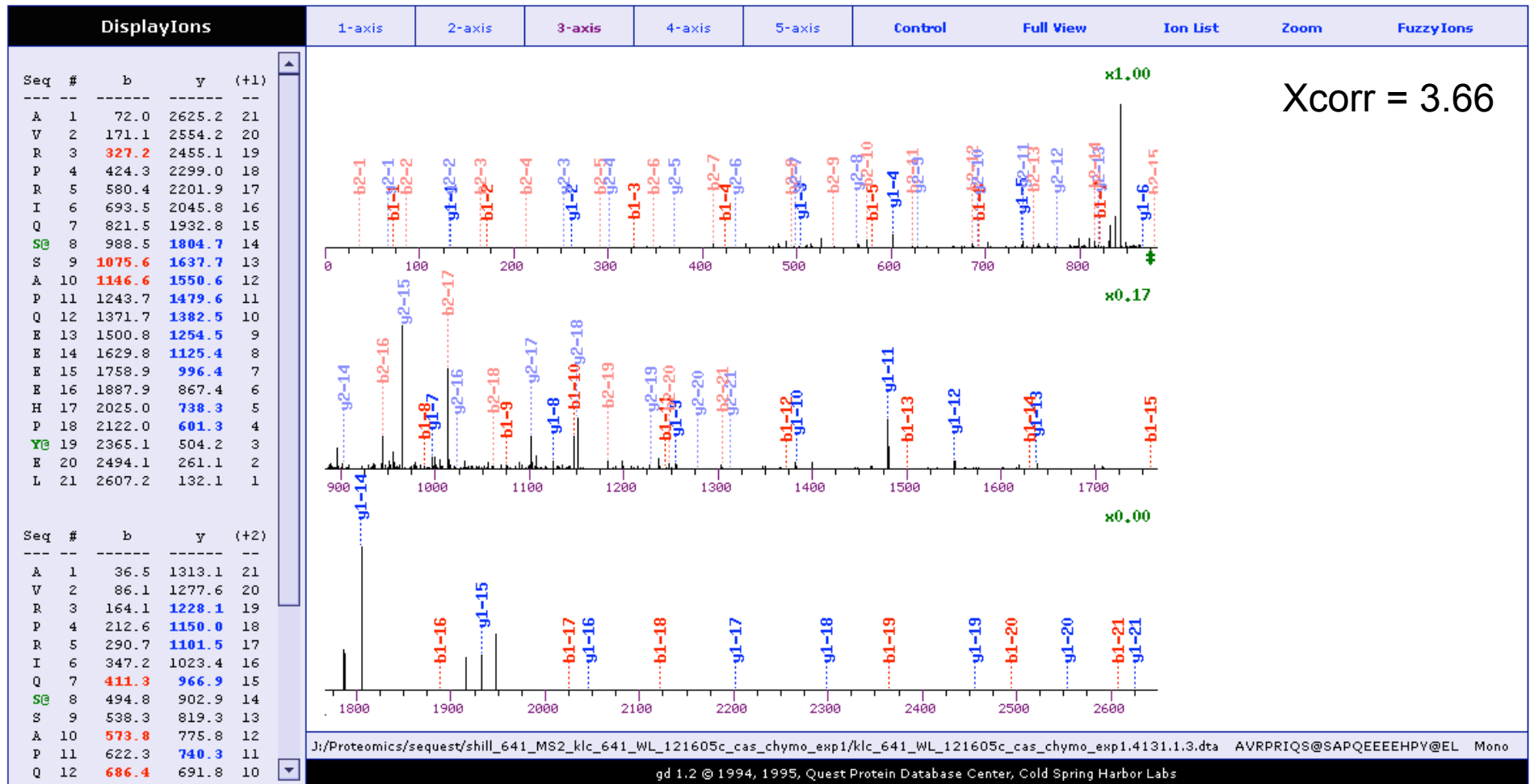
L.AVRPRIQSSAPQEEEEHPY@EL.L



ANKS1/Odin pY471 L.AVRPRIQS@SAPQEEEEHPY@ELL.L

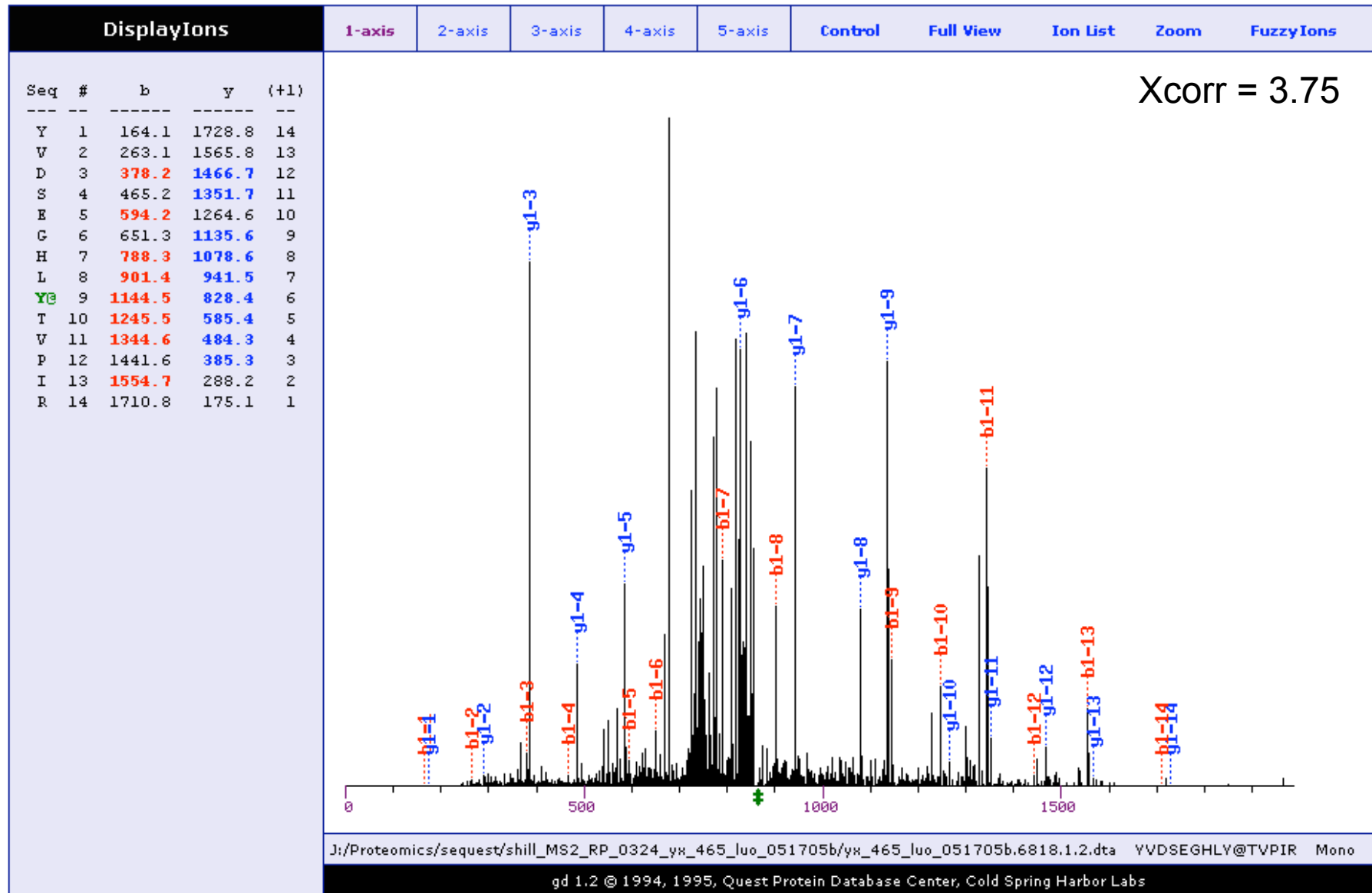


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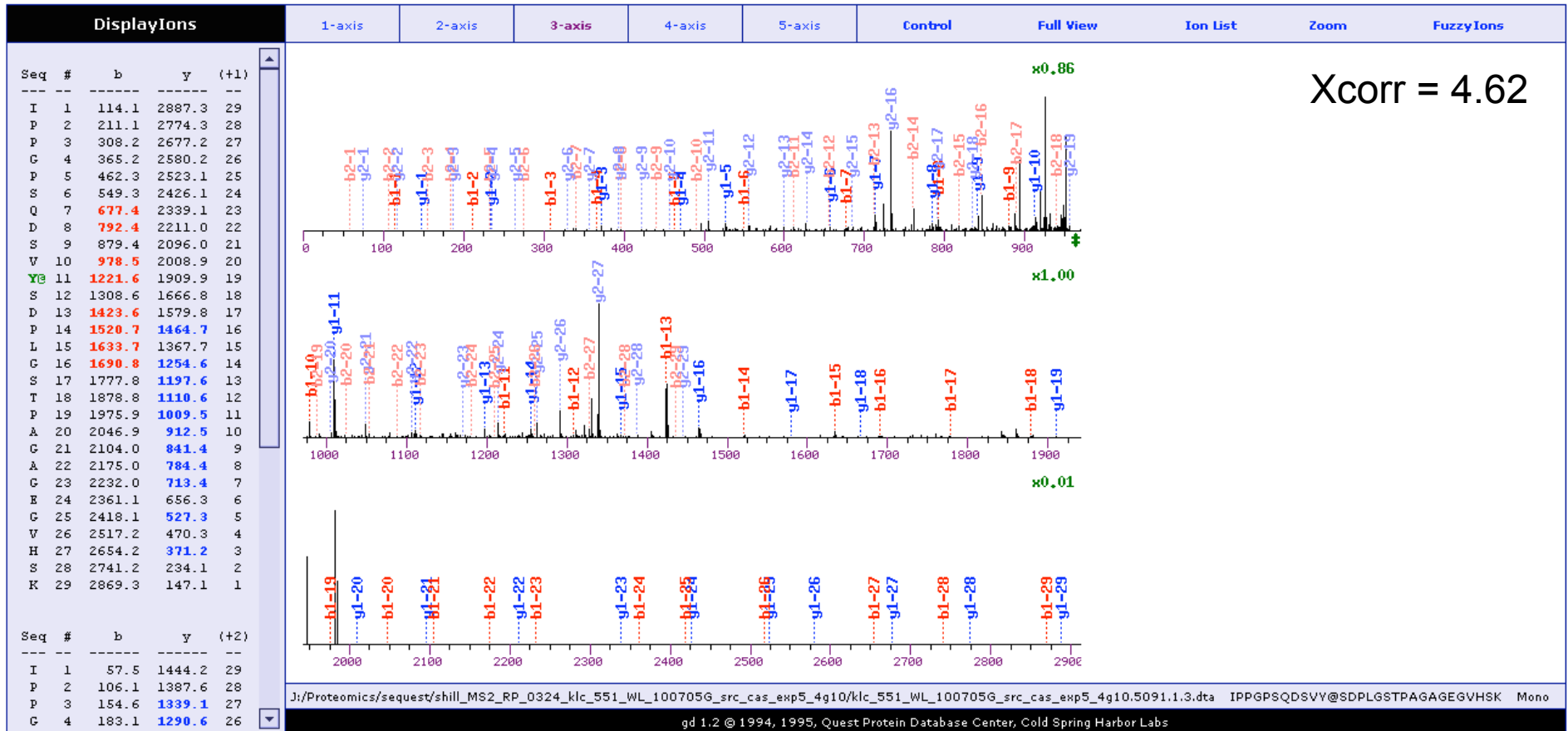
Caveolin-1 pY14

K.YVDSEGHLY@TVPIR.E



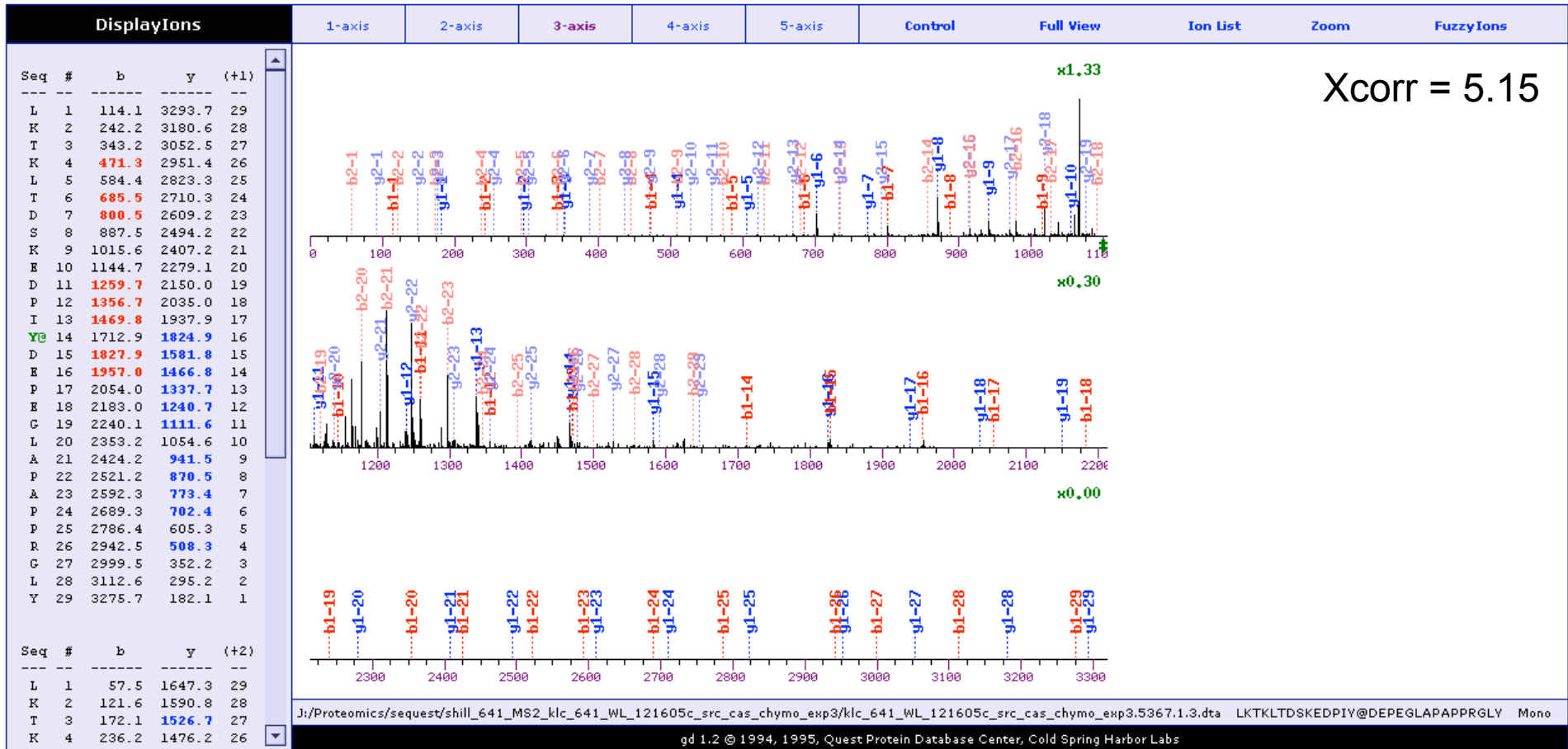
Dok1 pY314

R.IPPGPSQDSVY@SDPLGSTPAGAGEGVHSK.K



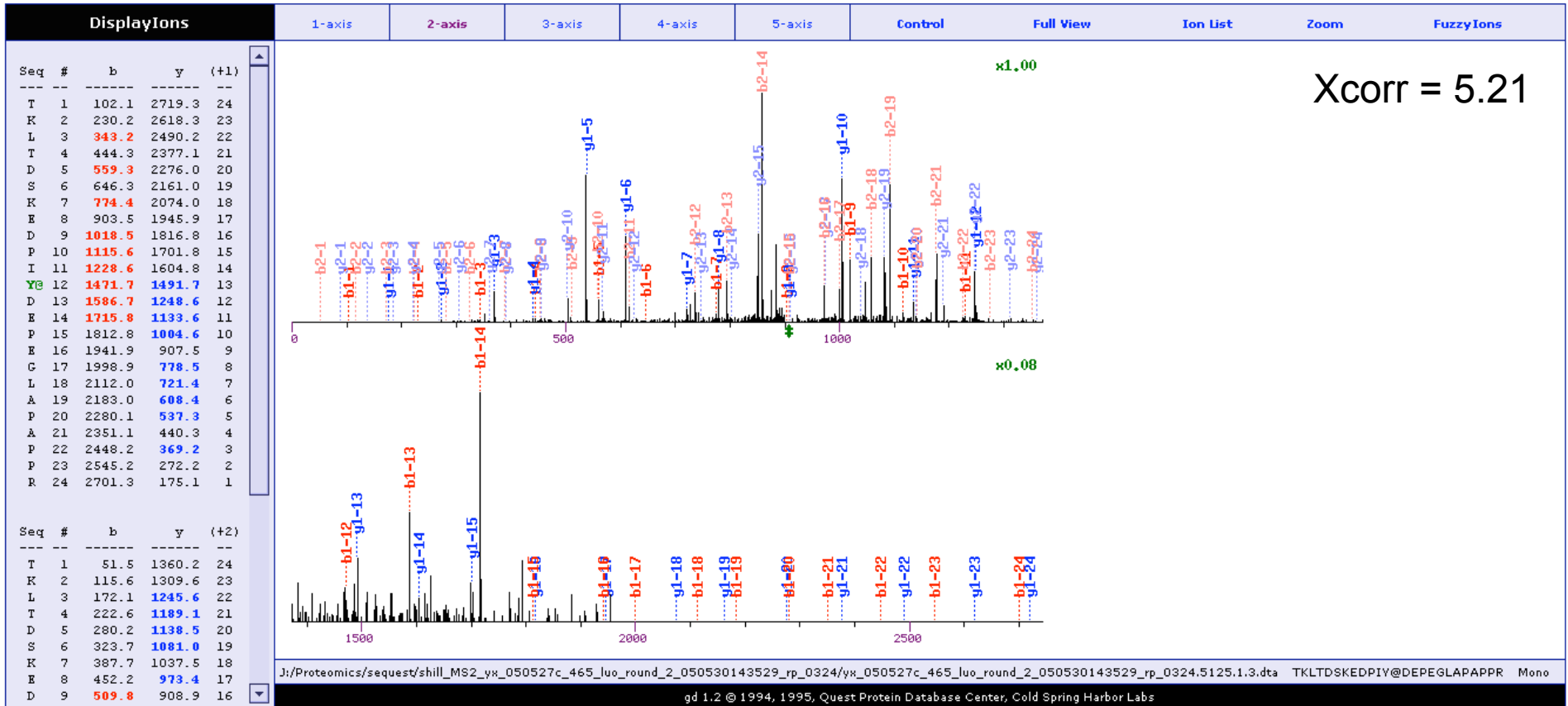
Dok1 pY361

L.LKTKLTDSDKEDPIY@DEPEGLAPAPRGLY.D



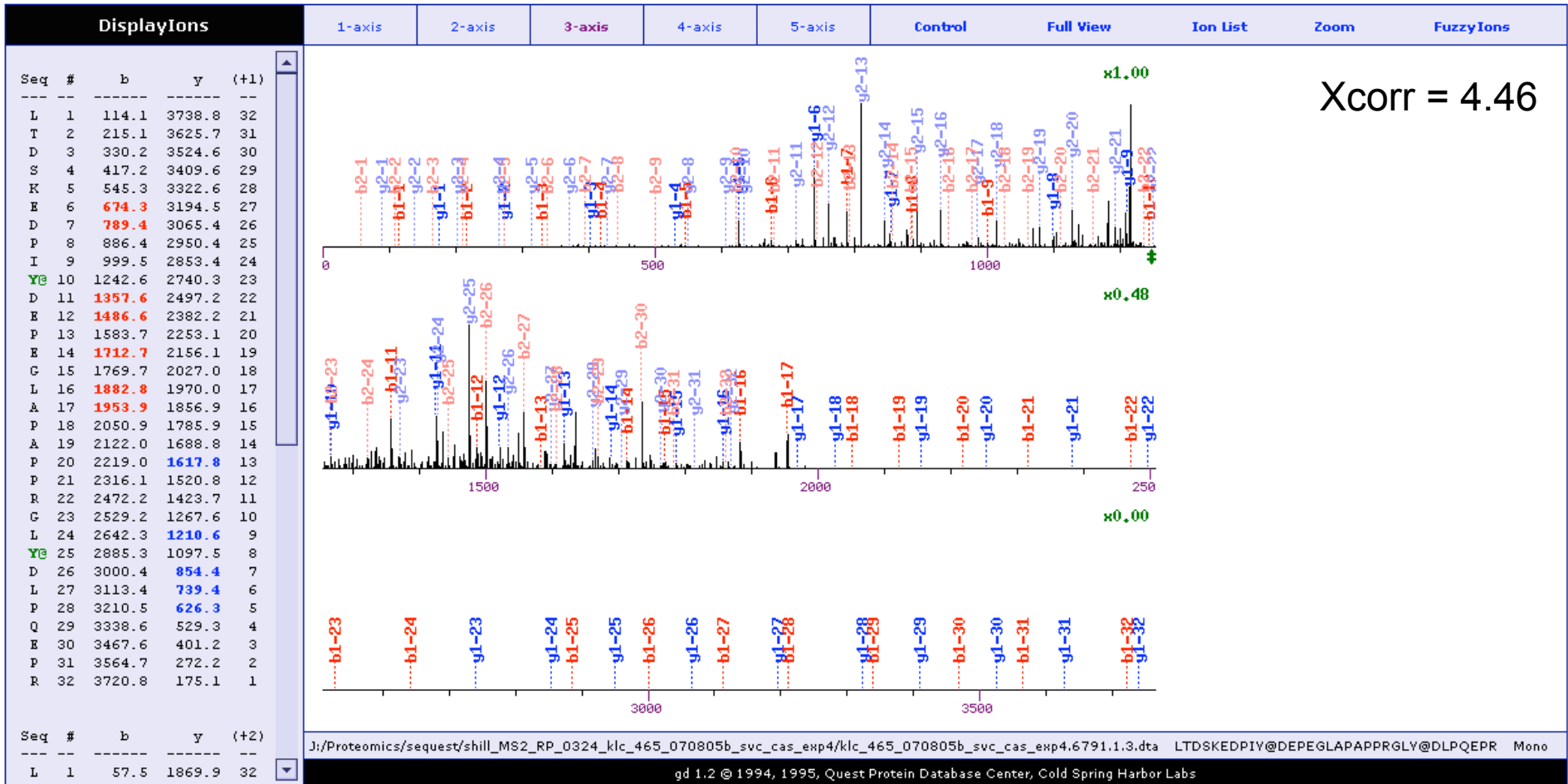
Dok1 pY361

K.TKLTDSKEDIY@DEPEGLAPAPP.R.G



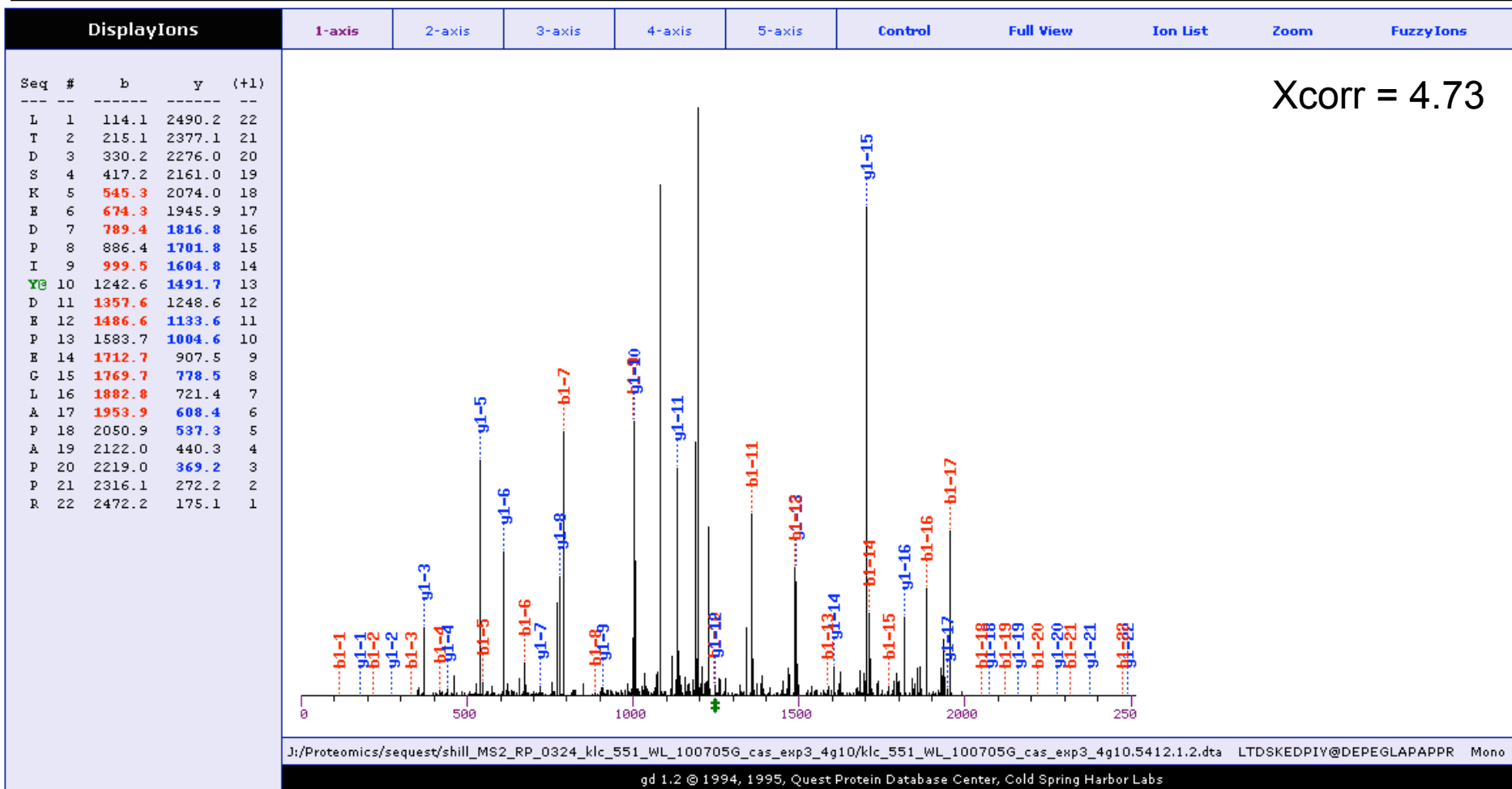
Dok1 pY361

K.LTDSKEDIY@DEPEGLAPAPRGLY@DLPQEPR.D



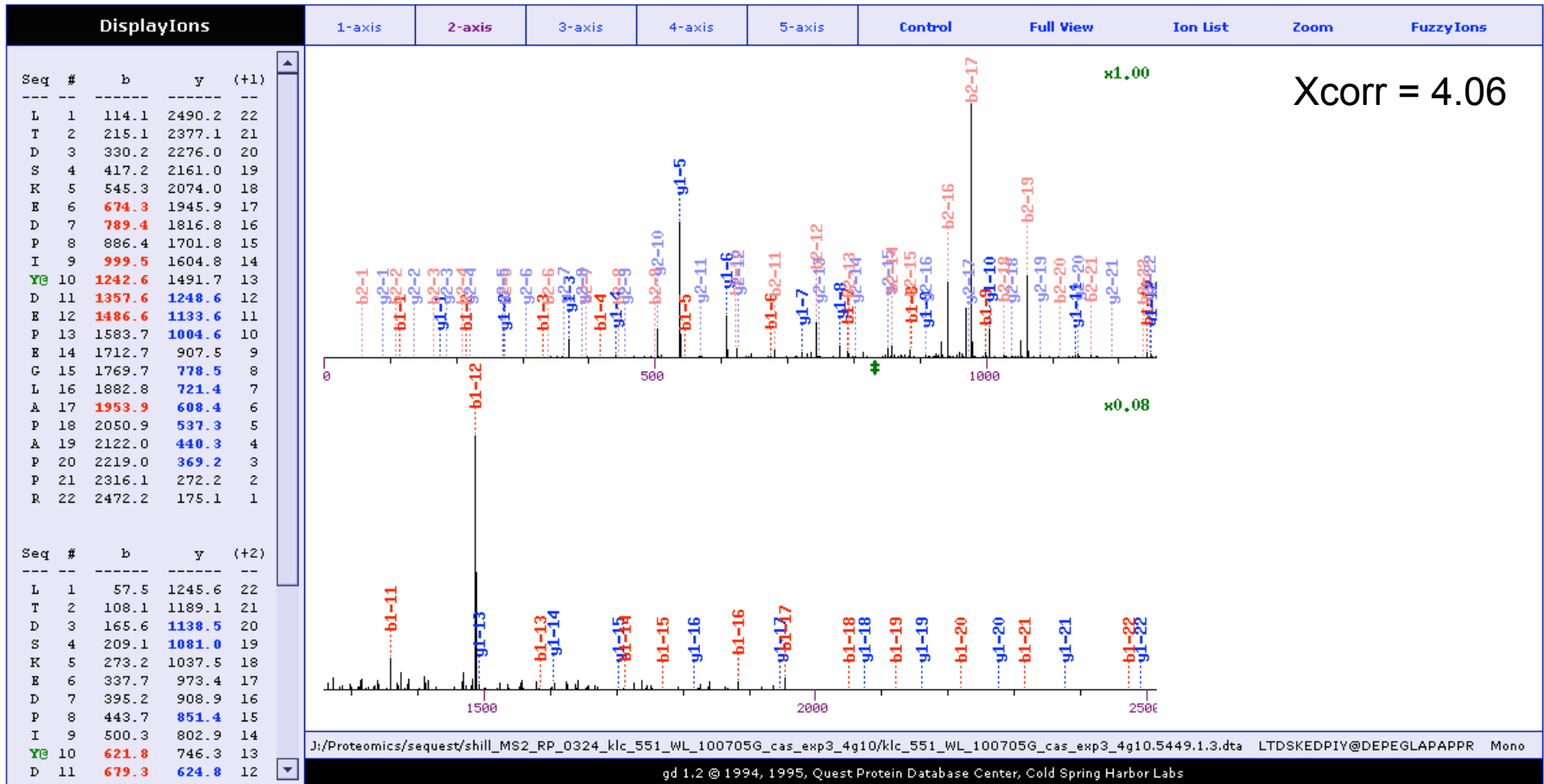
Dok1 pY361

K.LTDSKEDIY@DEPEGLAPAPR.G



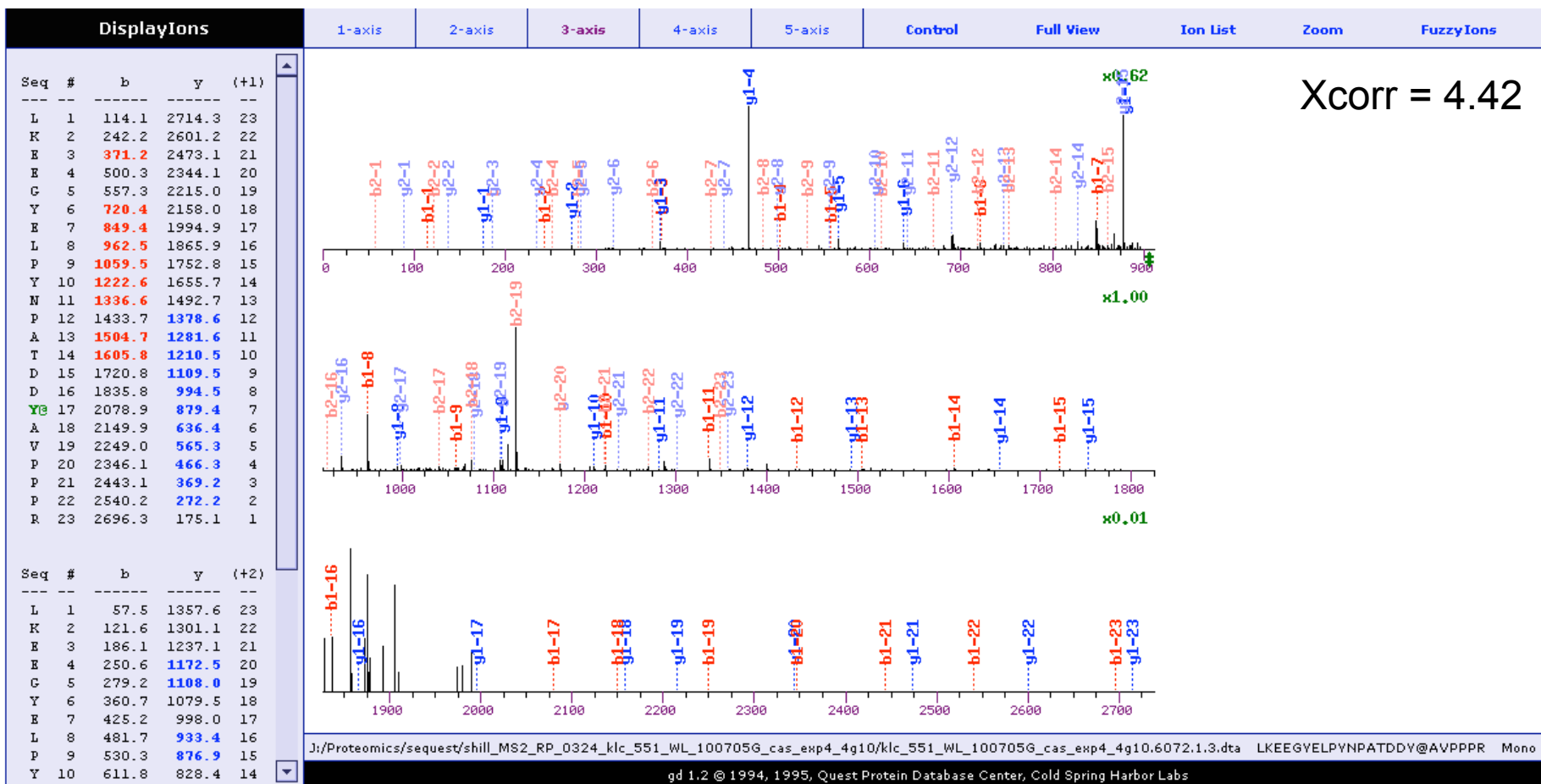
Dok1 pY361

K.LTDSKEDIY@DEPEGLAPAPR.G

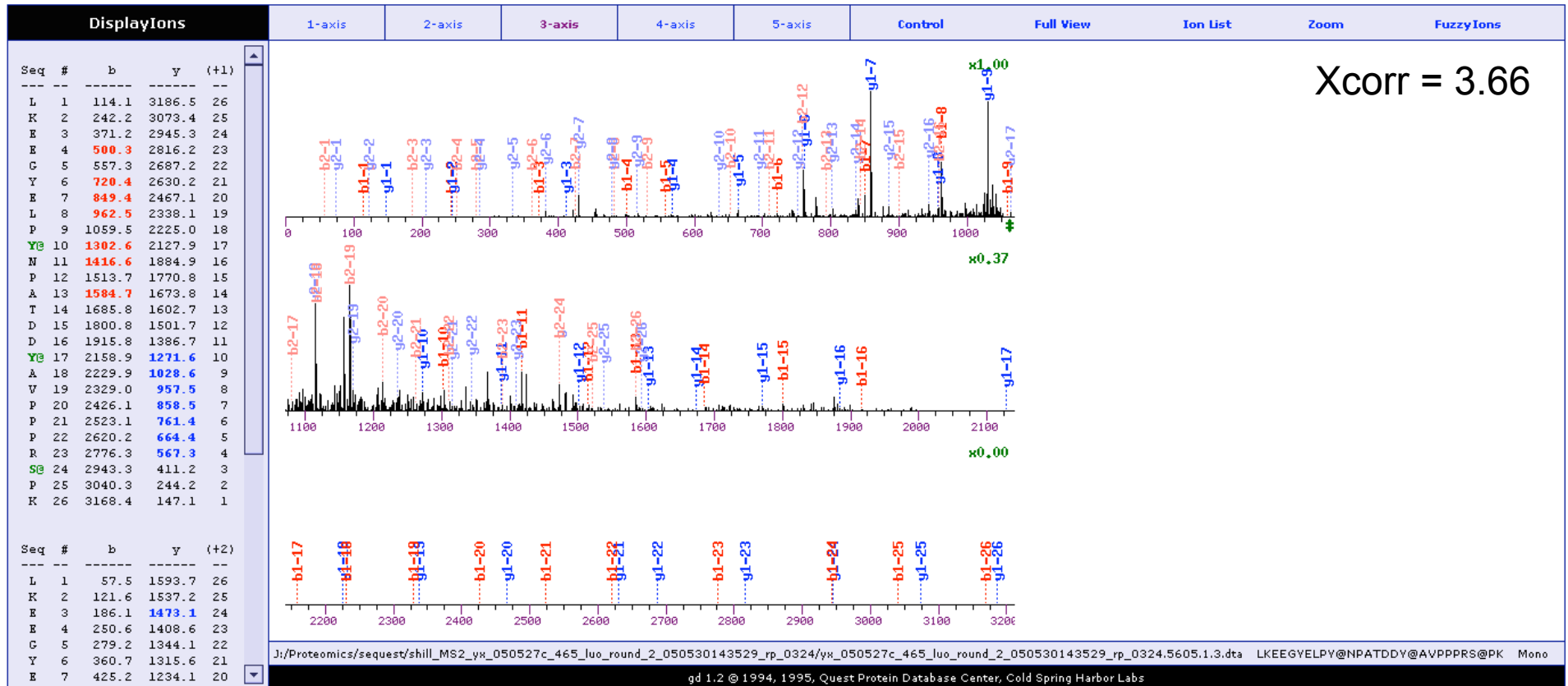


Dok1 pY408

R.LKEEGYELPYNPATDDY@AVPPPR.S

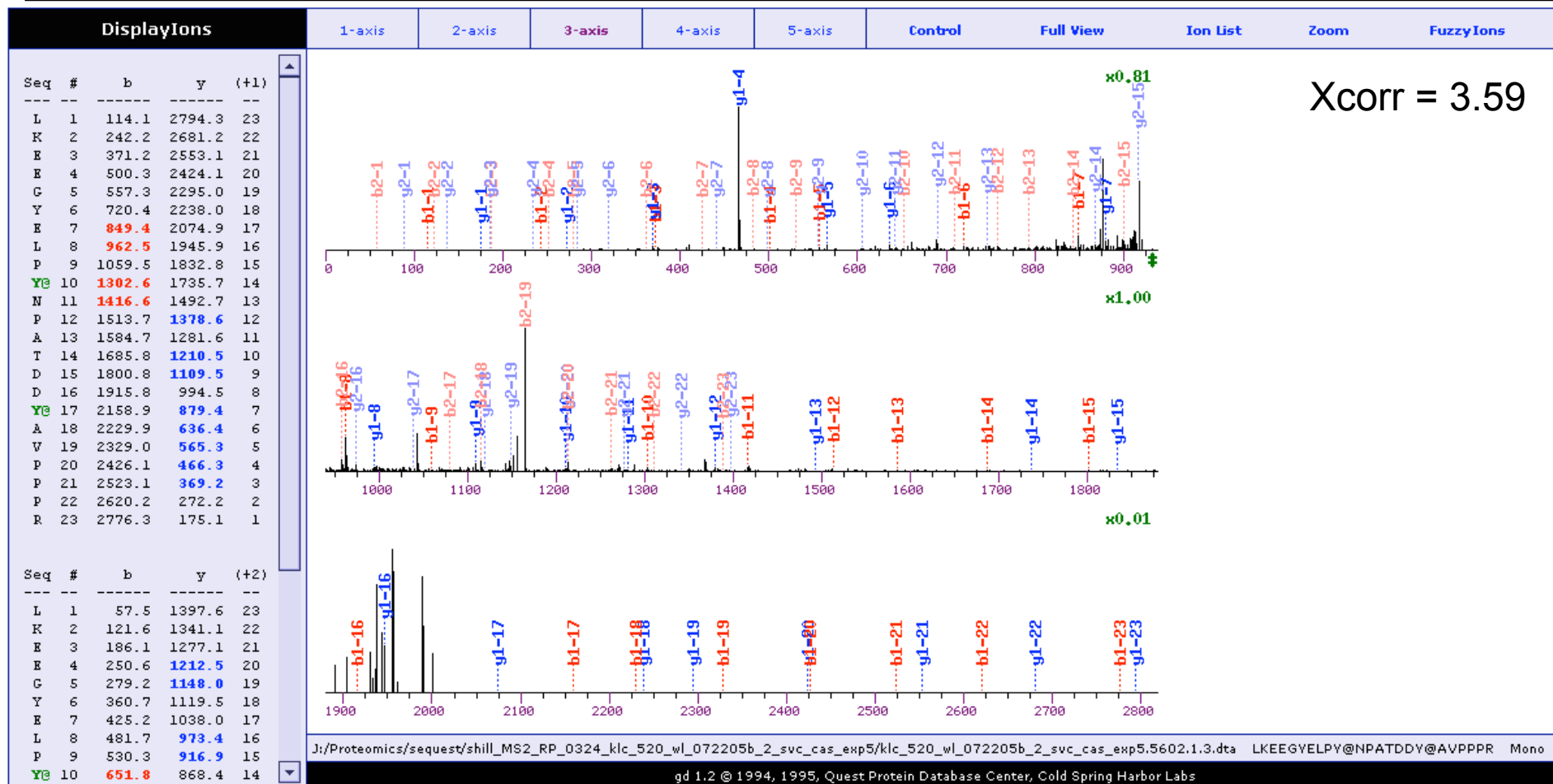


Dok1 pY408 R.LKEEGYELPY@NPATDDY@AVPPRS@PK.P



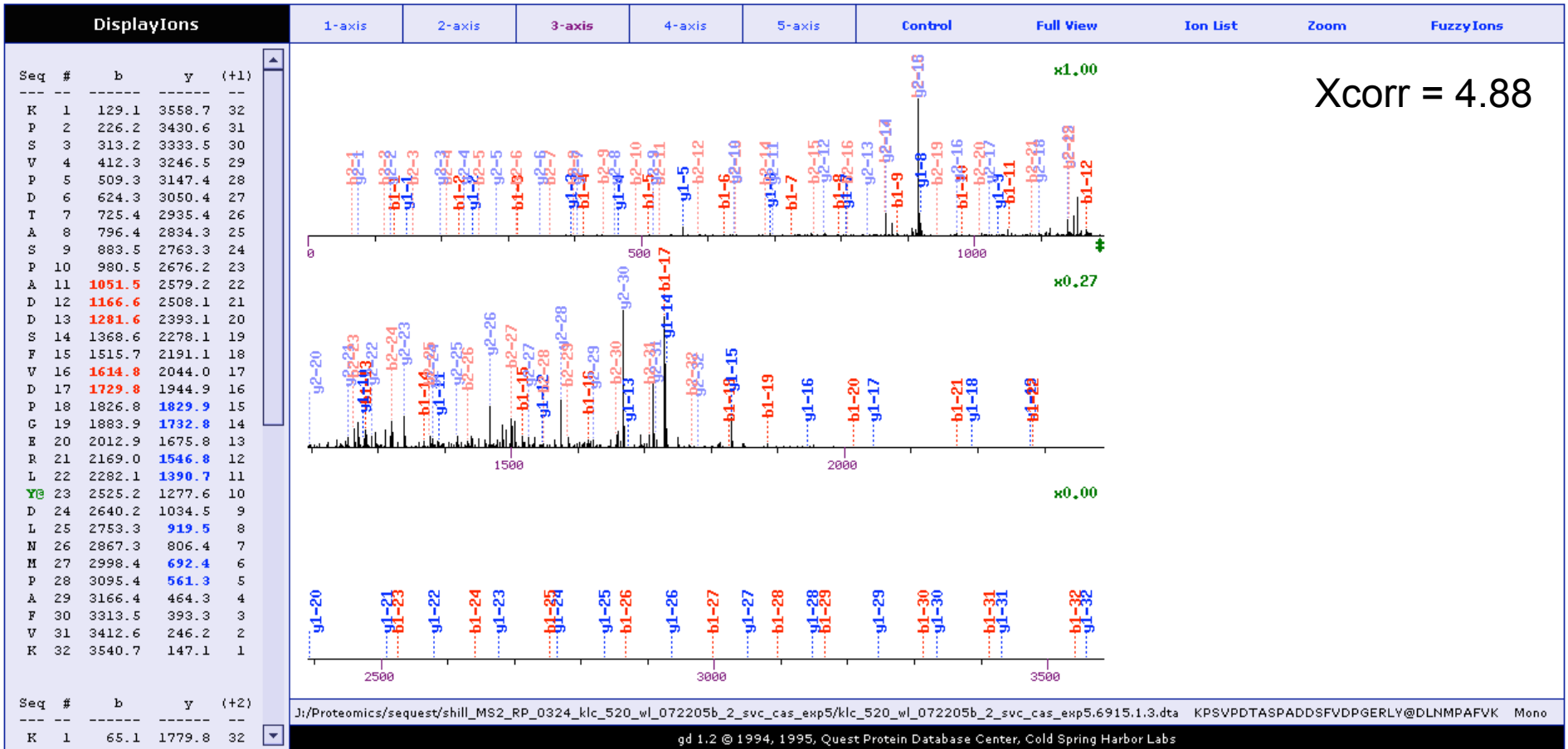
Dok1 pY408

R.LKEEGYELPY@NPATDDY@AVPPPR.S



NCK1 pY105

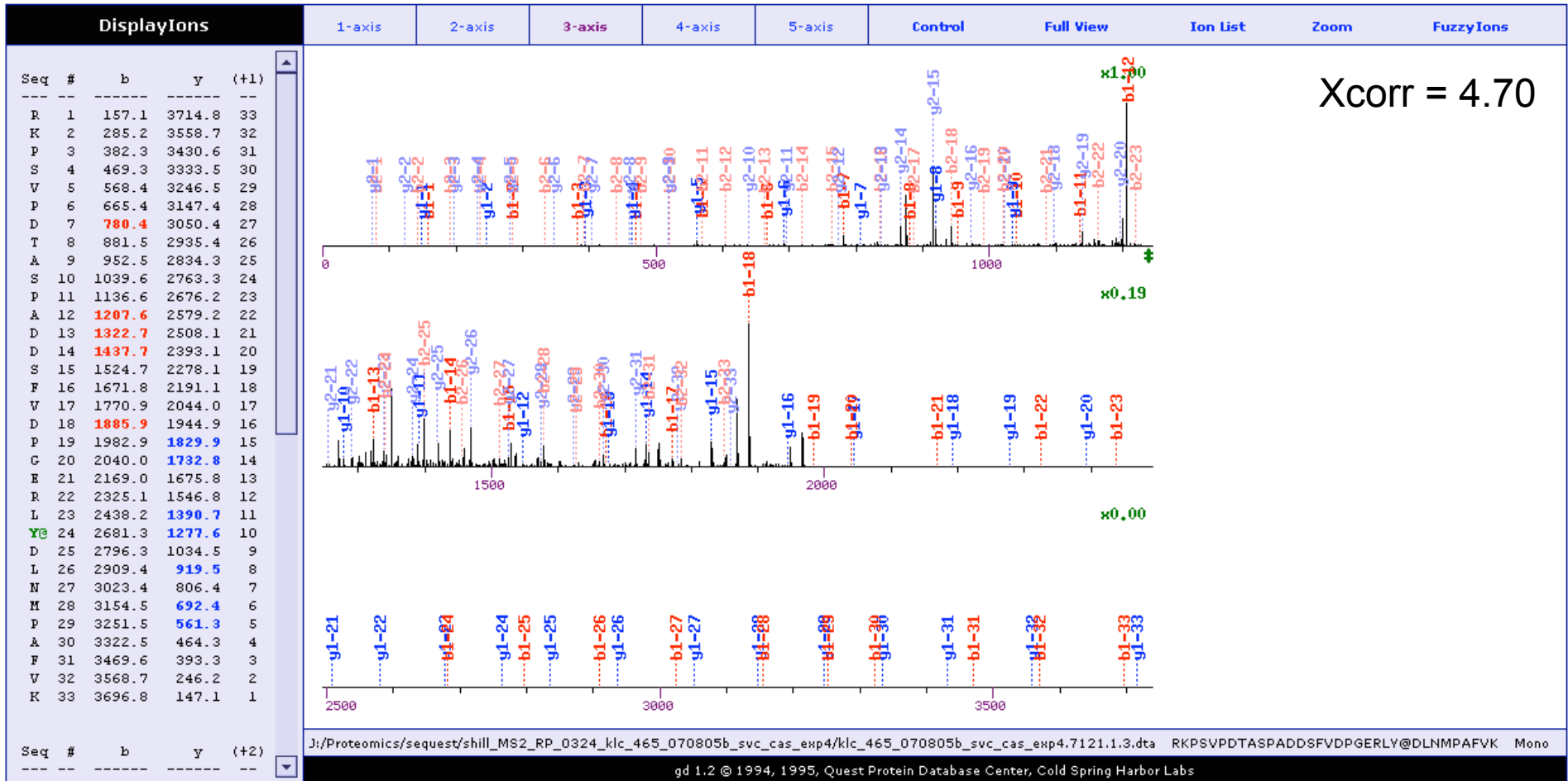
R.KPSVPDTASPADDSFVDPGERLY@DLNMPAFVK.F



Xcorr = 4.88

NCK1 pY105

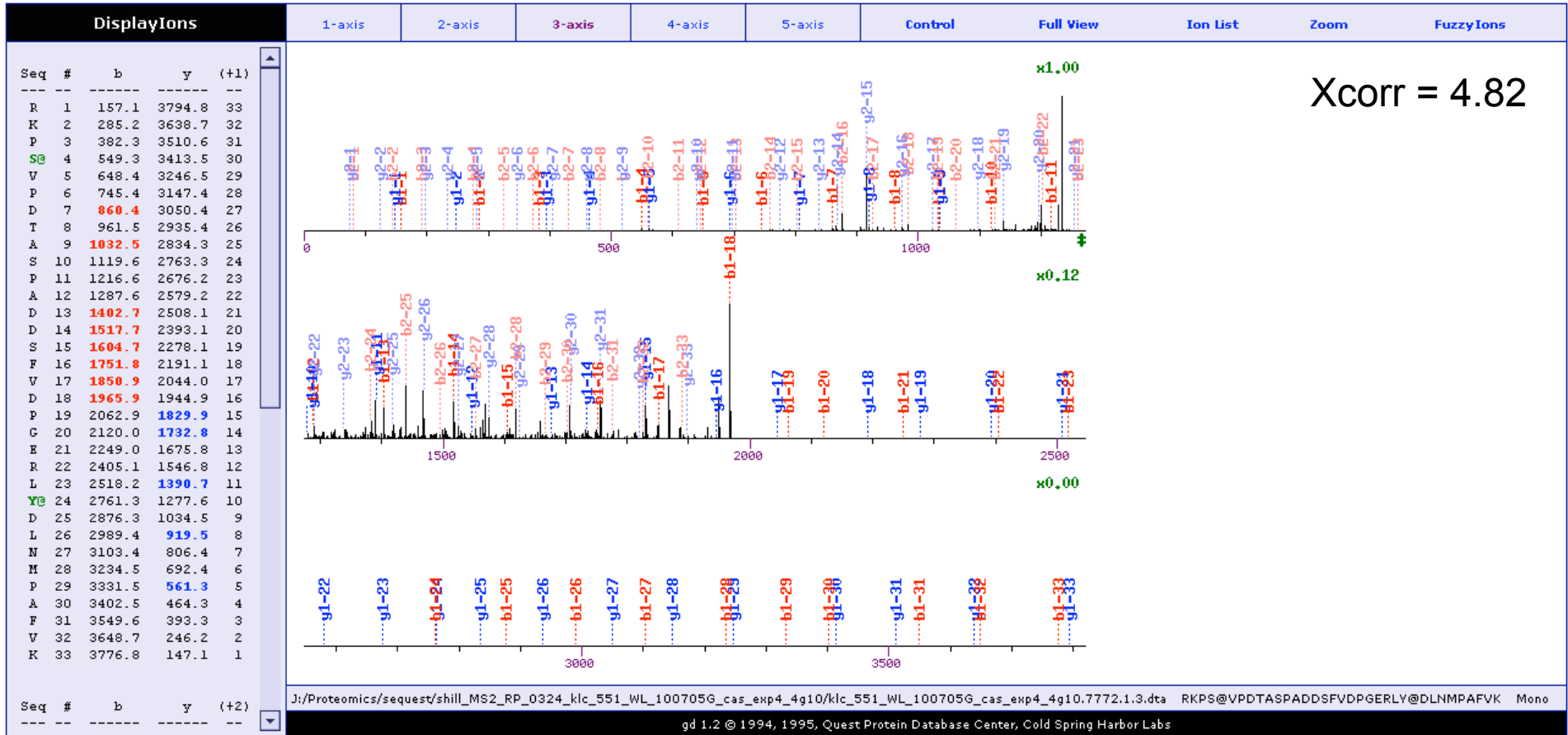
K.RKPSVPDTASPADDSFVDPGERLY@DLNMPAFVK.F



Xcorr = 4.70

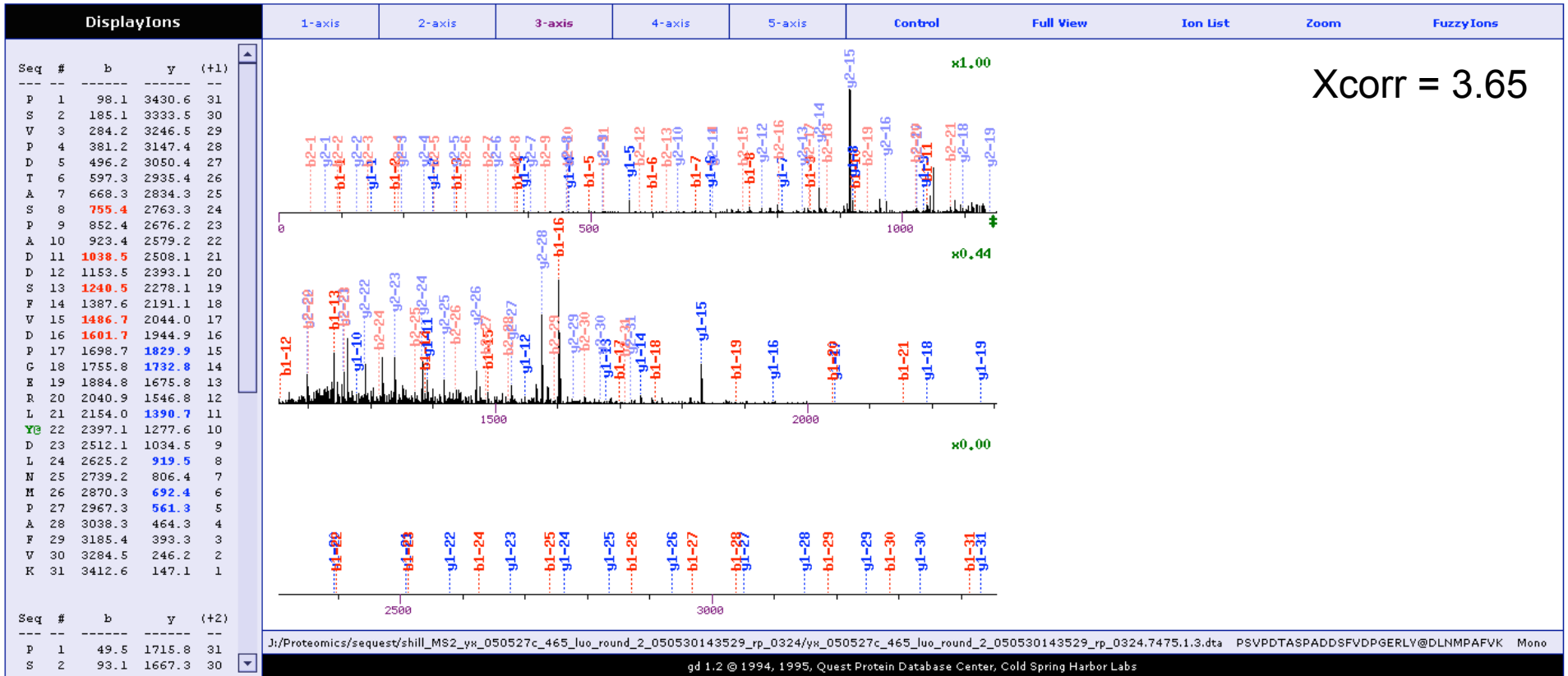
NCK1 pY105

K.RKPS@VPDTASPADDSFVDPGERLY@DLNMPAFVK.F



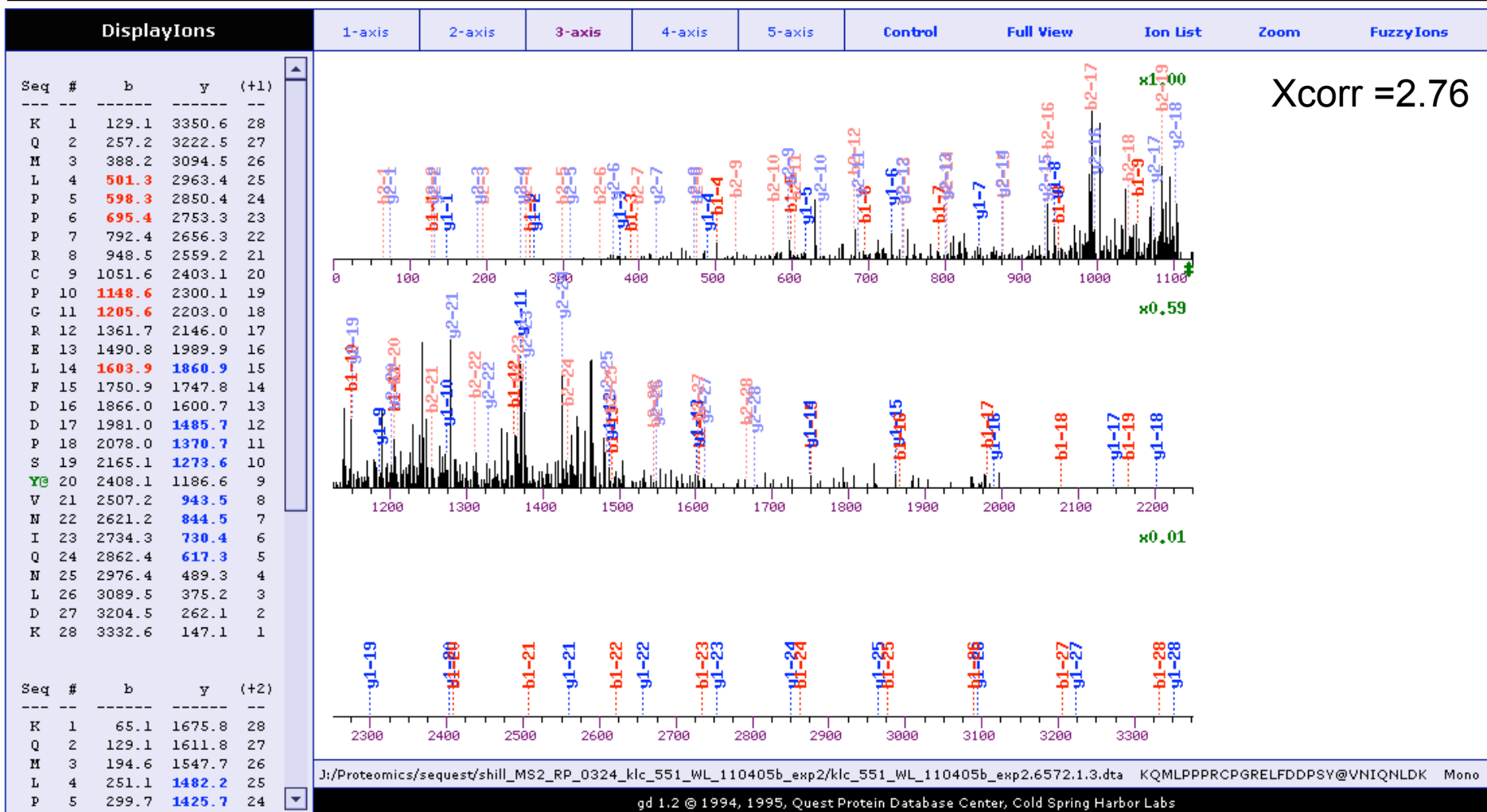
NCK1 pY105

K.PSVPDTASPADDSFVDPGERLY@DLNMPAFVK.F

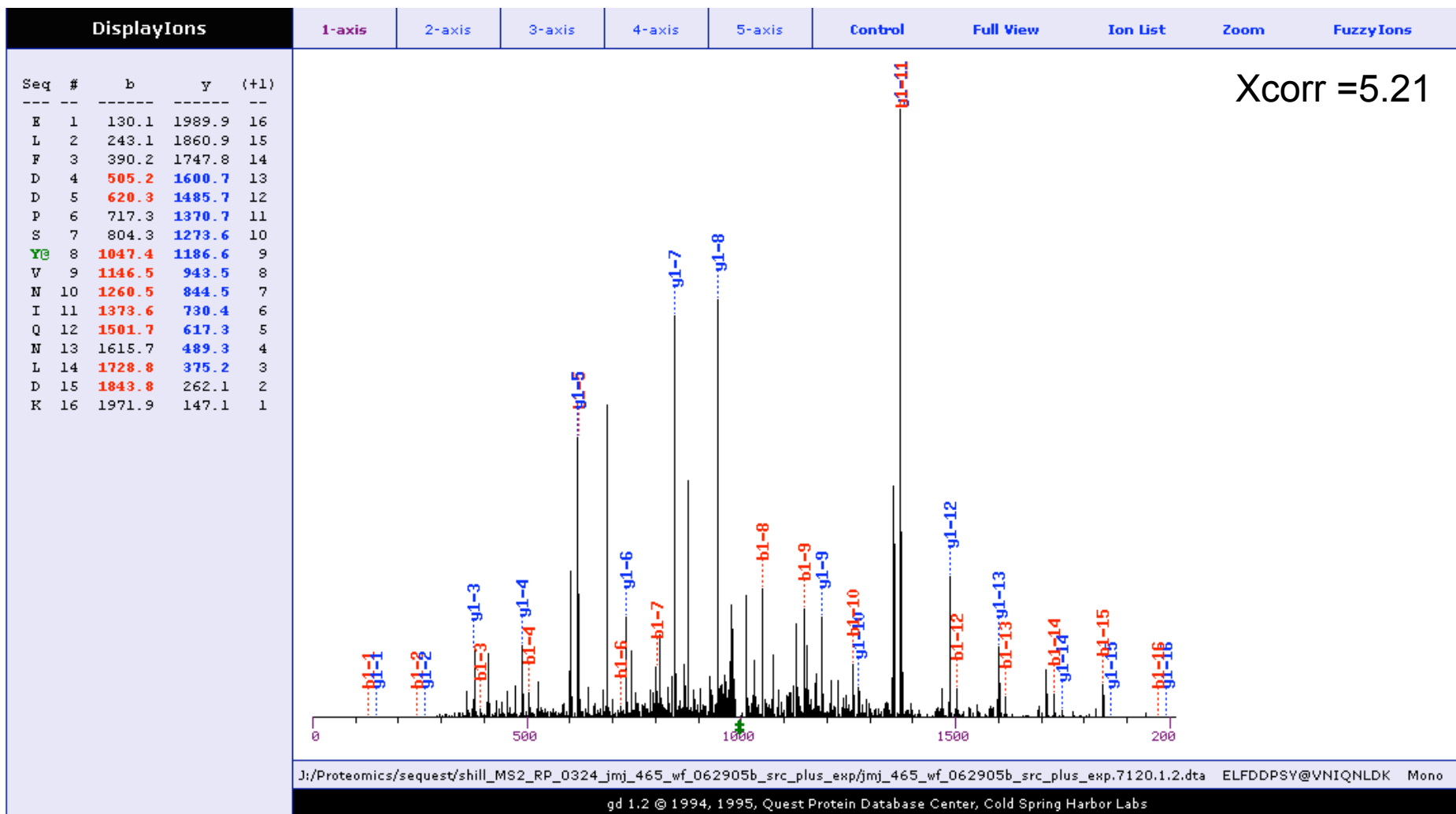


SHC1 pY423

R.KQMLPPRCPGRELFDDPSY@VNIQNLDK.A

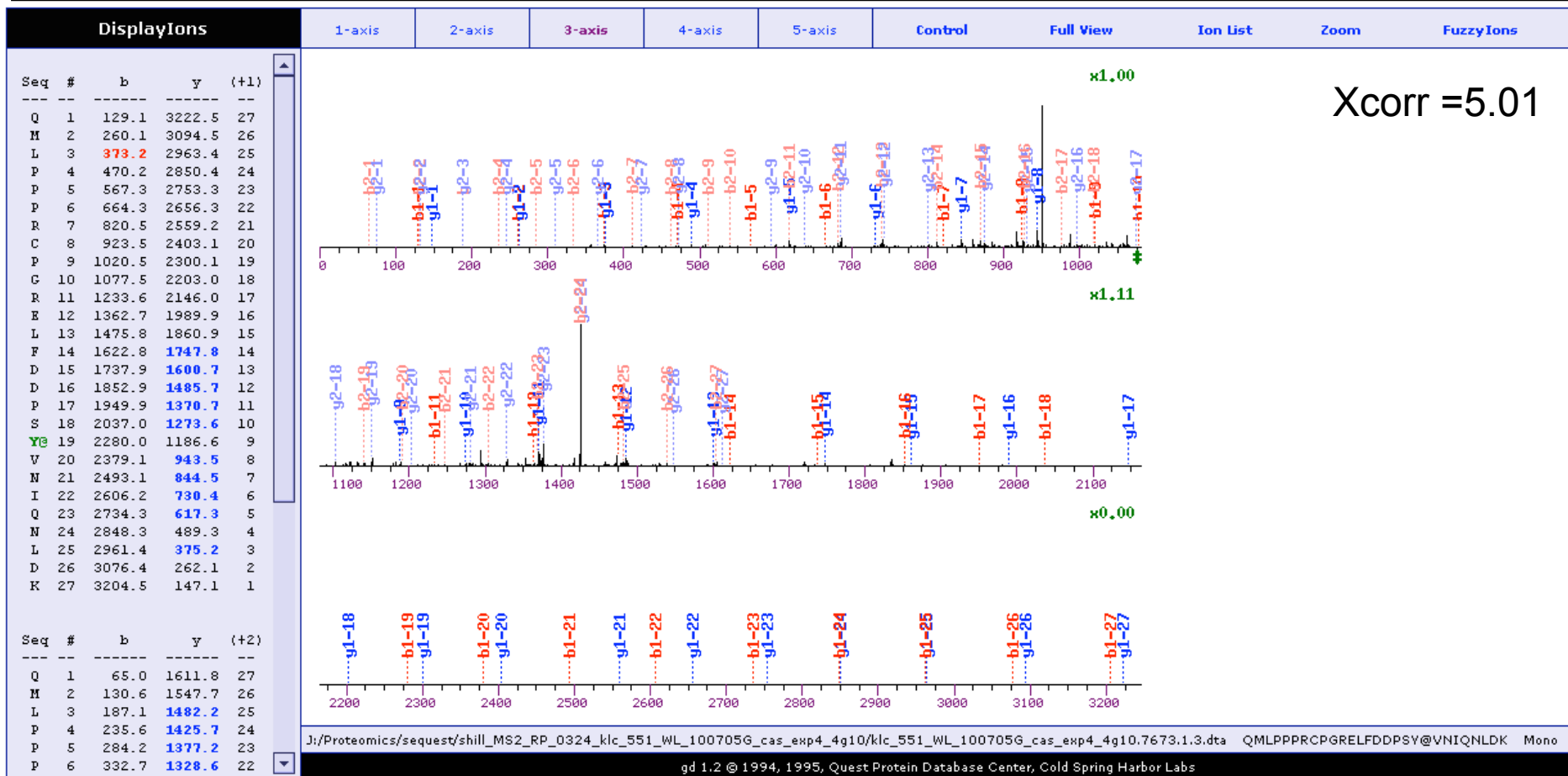


SHC1 pY423 R.ELFDDPSY@VNIQNLDK.A



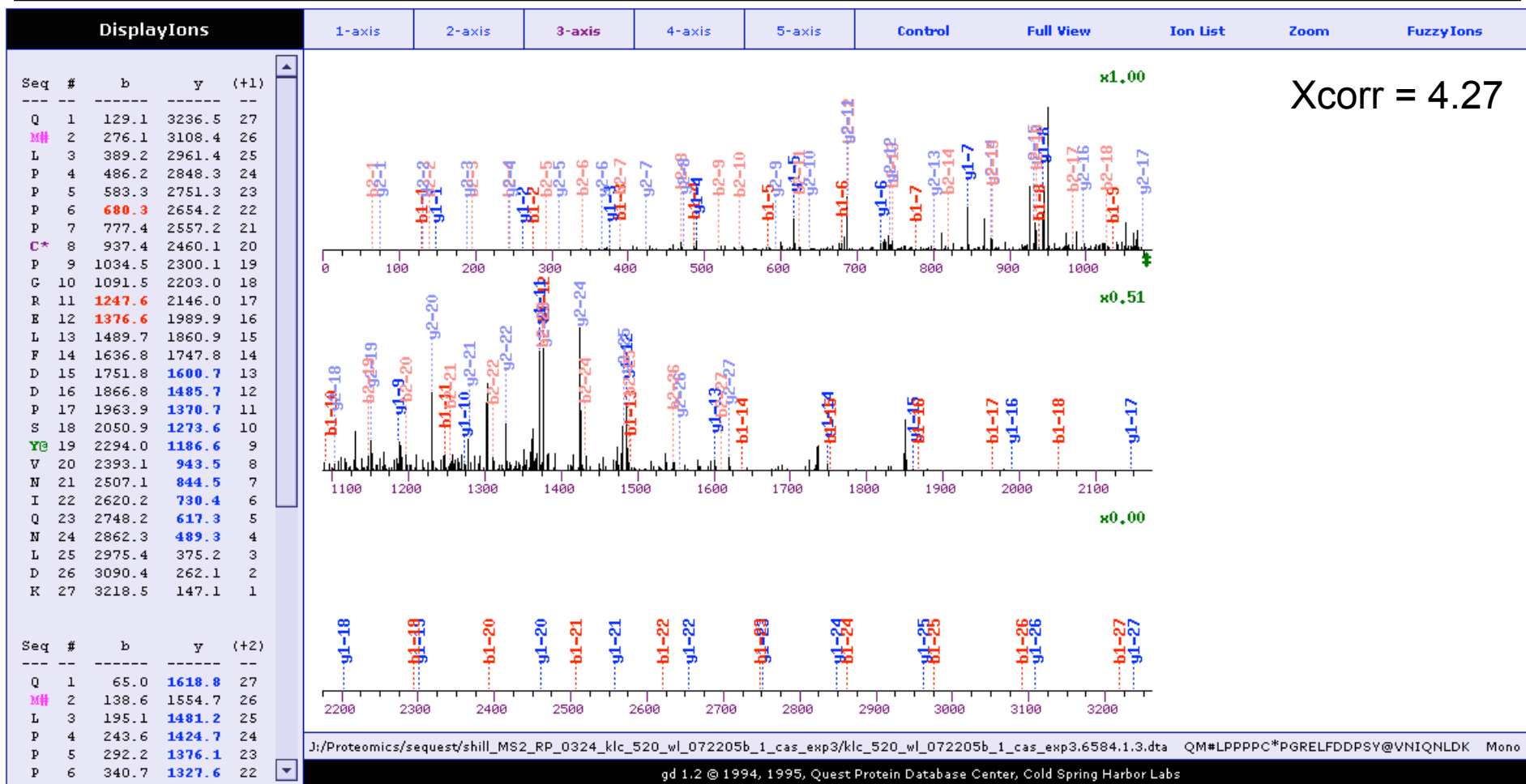
SHC1 pY423

K.QMLPPPRCPGRELFDPSY@VNIQNLDK.A

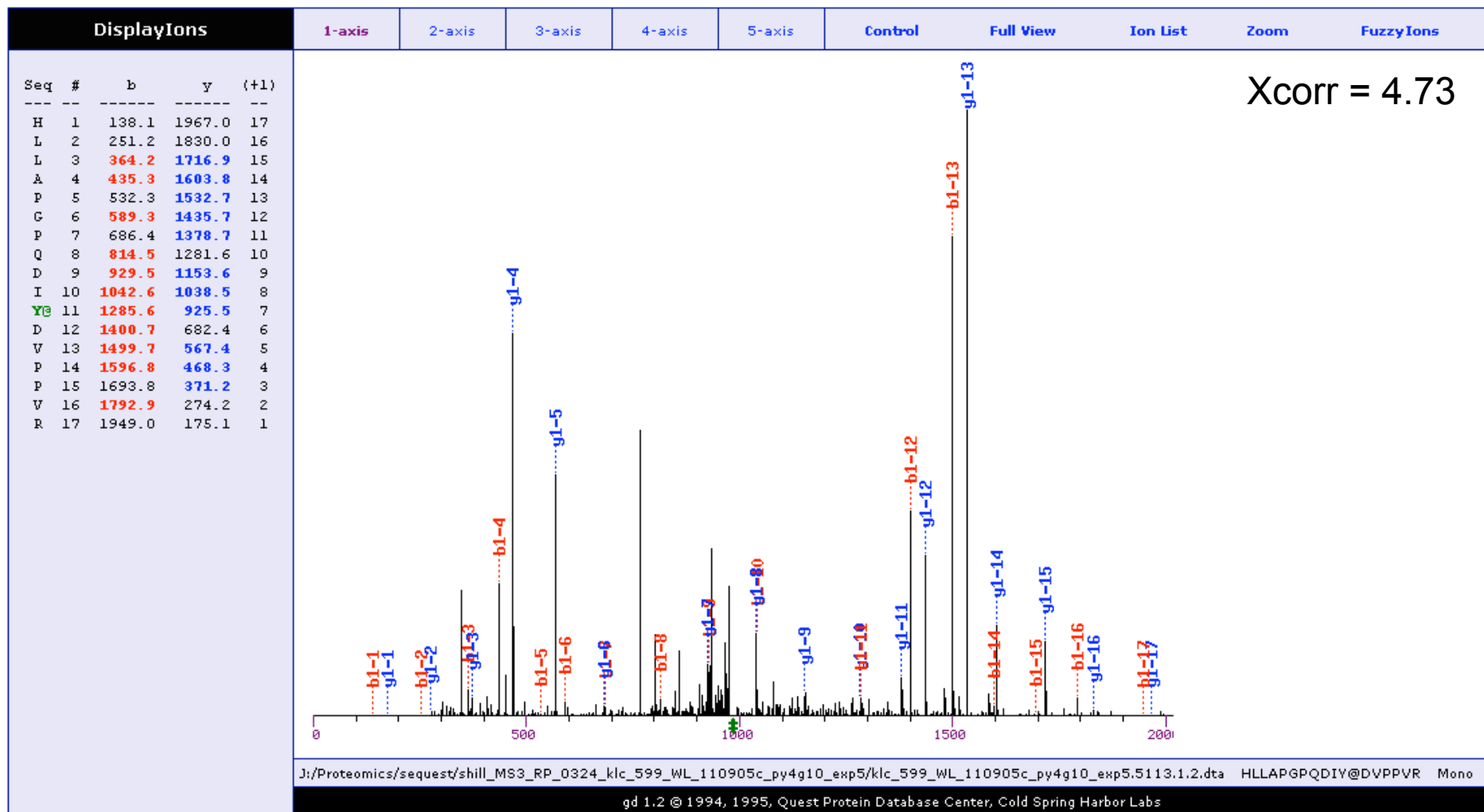


SHC1 pY423

K.QM#LPPPPC*PGRELFDDPSY@VNIQNLDK.A

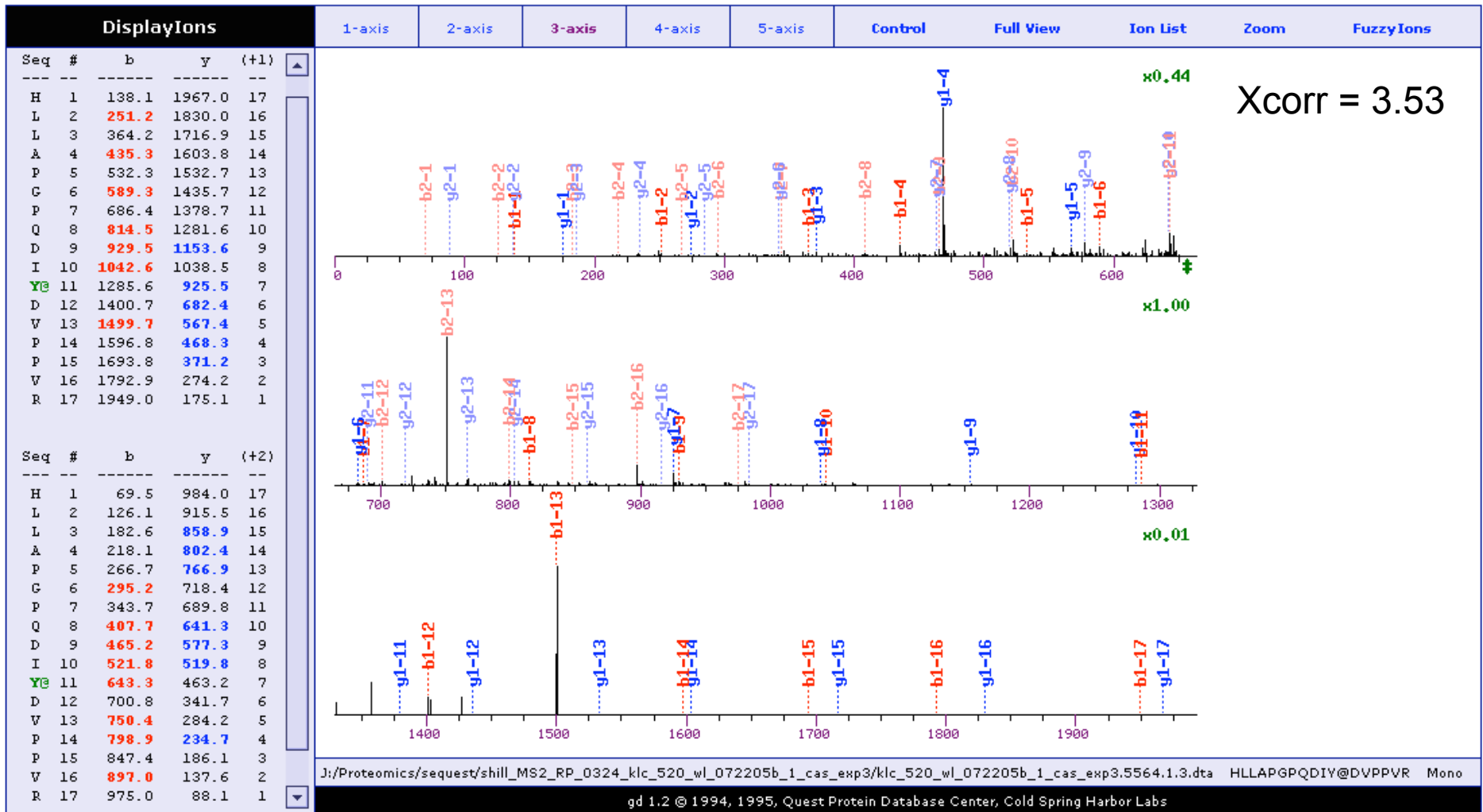


p130cas pY253 R.HLLAPGPQDIY@DVPPVR.G

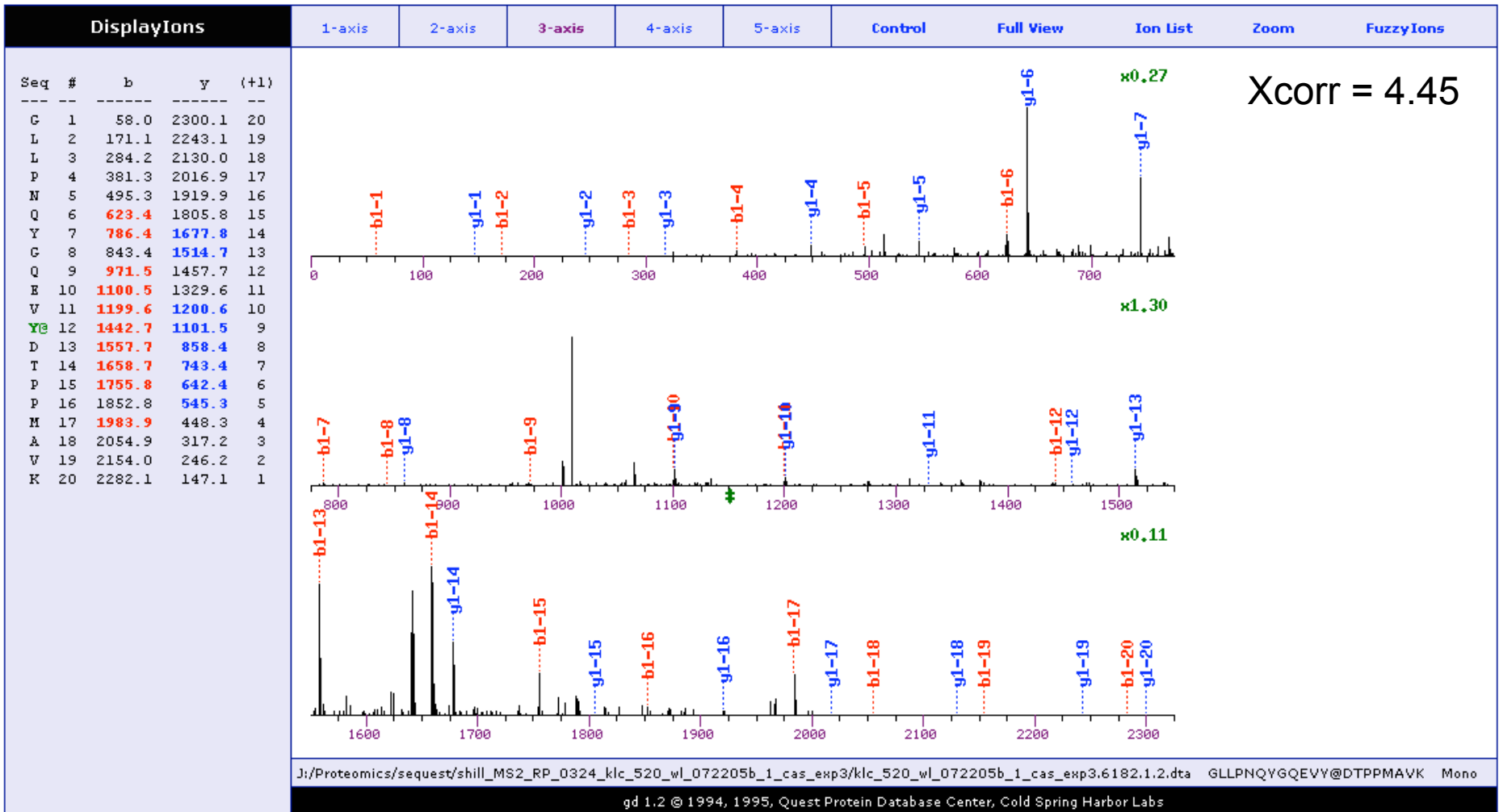


p130cas pY253

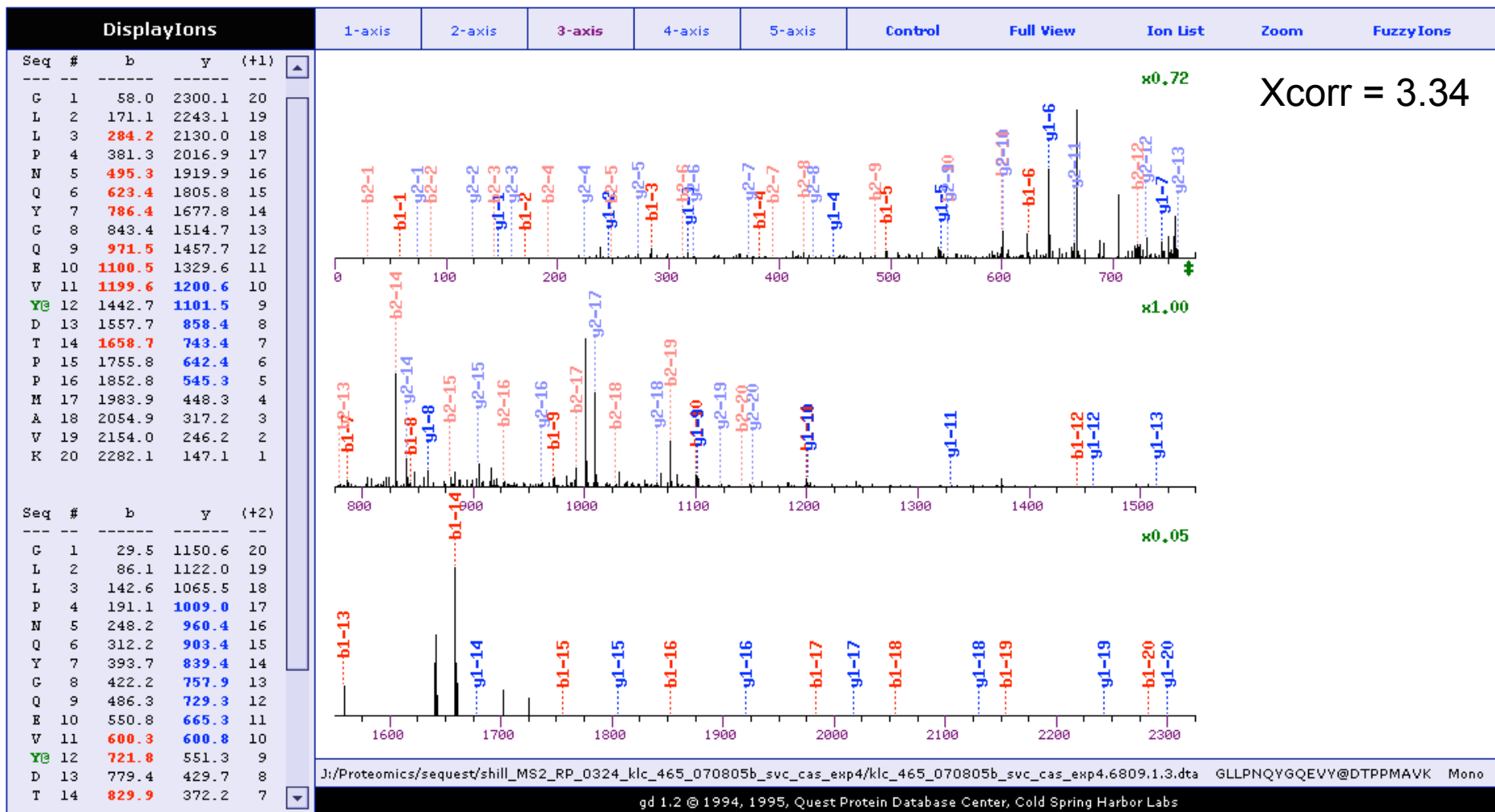
R.HLLAPGPQDIY@DVPPVR.G



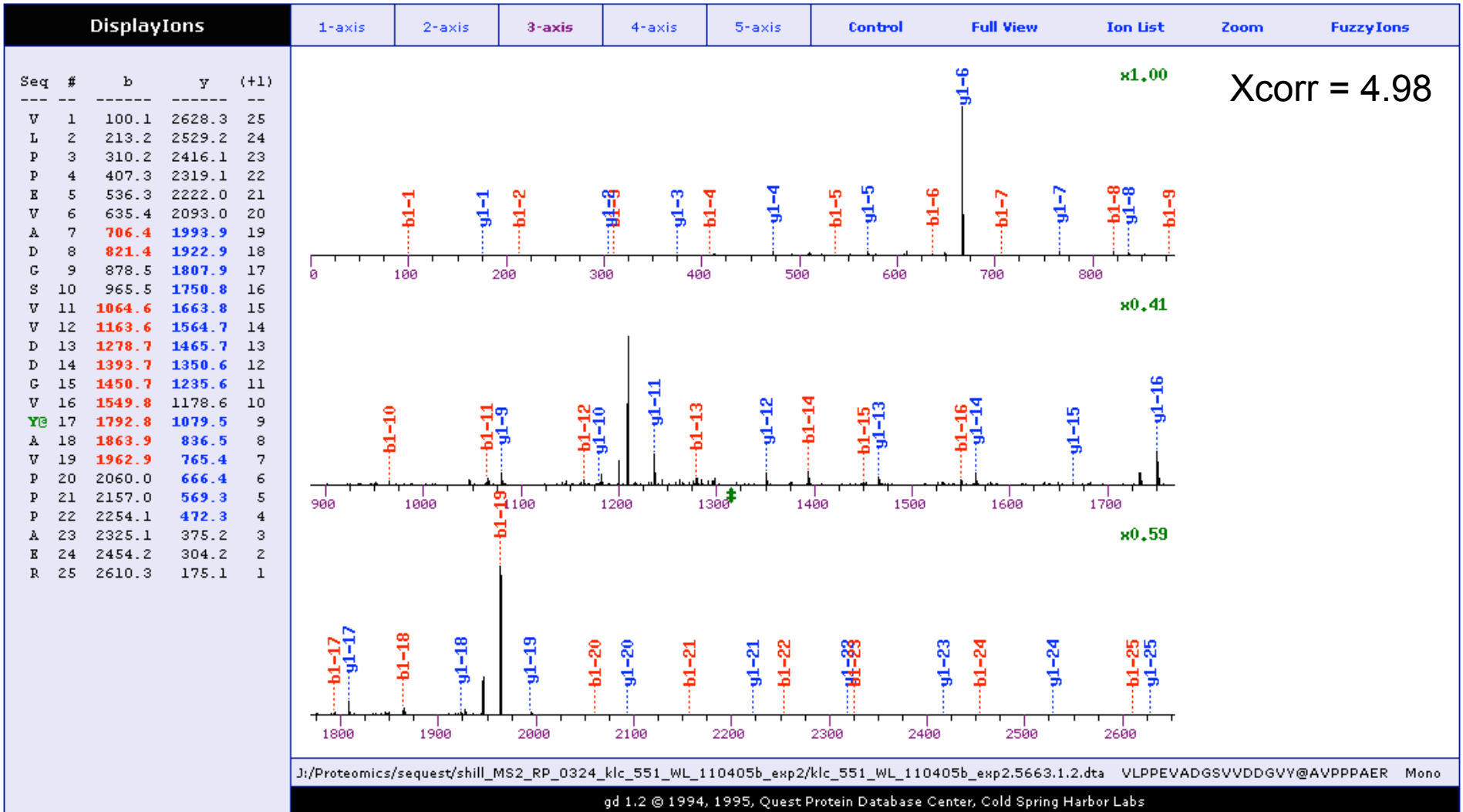
p130cas pY271 R.GLLPNQYGQEVY@DTPPMVK.G



p130cas pY271 R.GLLPNQYGQEVY@DTPPMVK.G

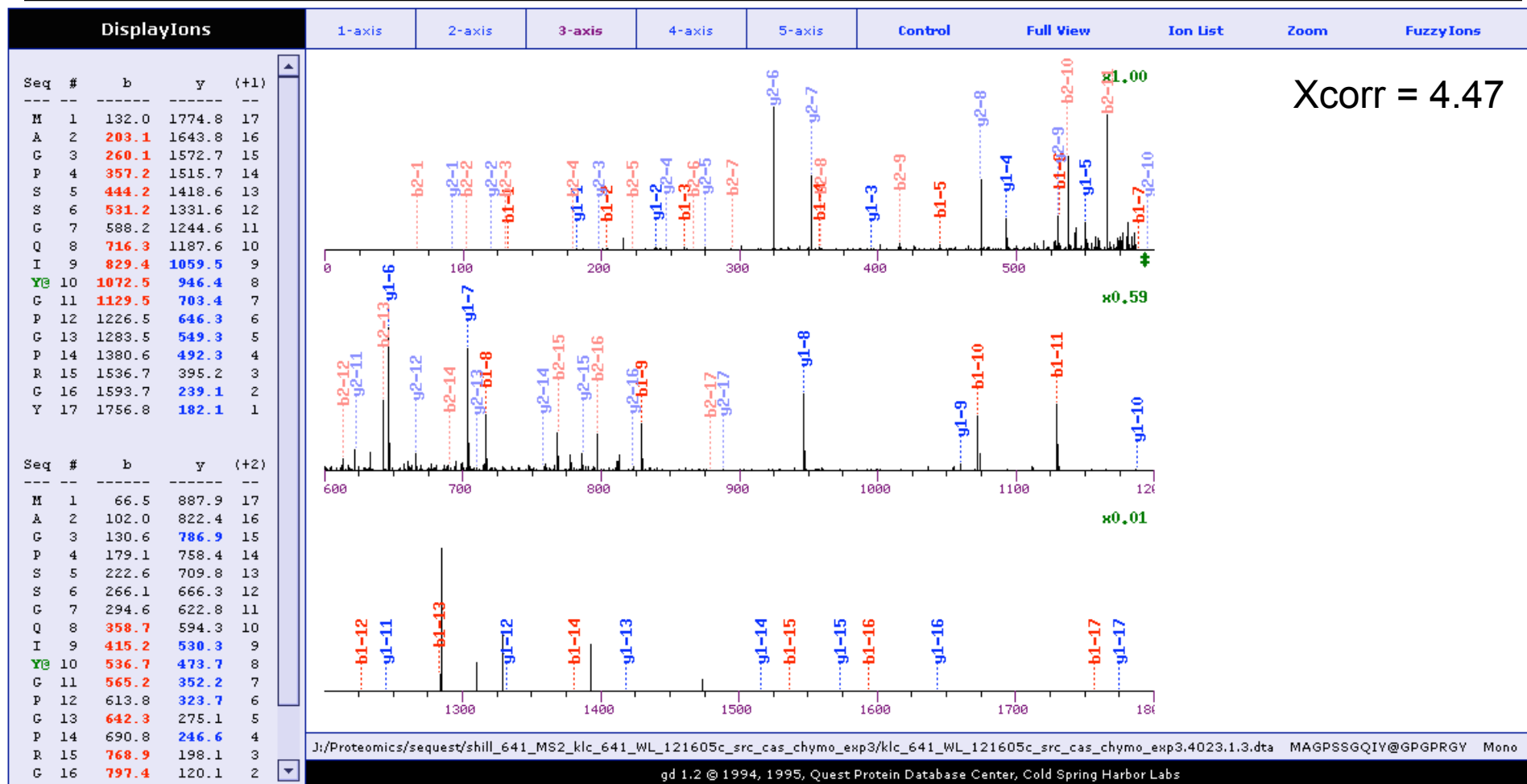


p130cas pY414 R.VLPPEVADGSVDDGVY@AVPPPAER.E



LPP pY245

Y.MAGPSSGQIY@GPGPRGY.N

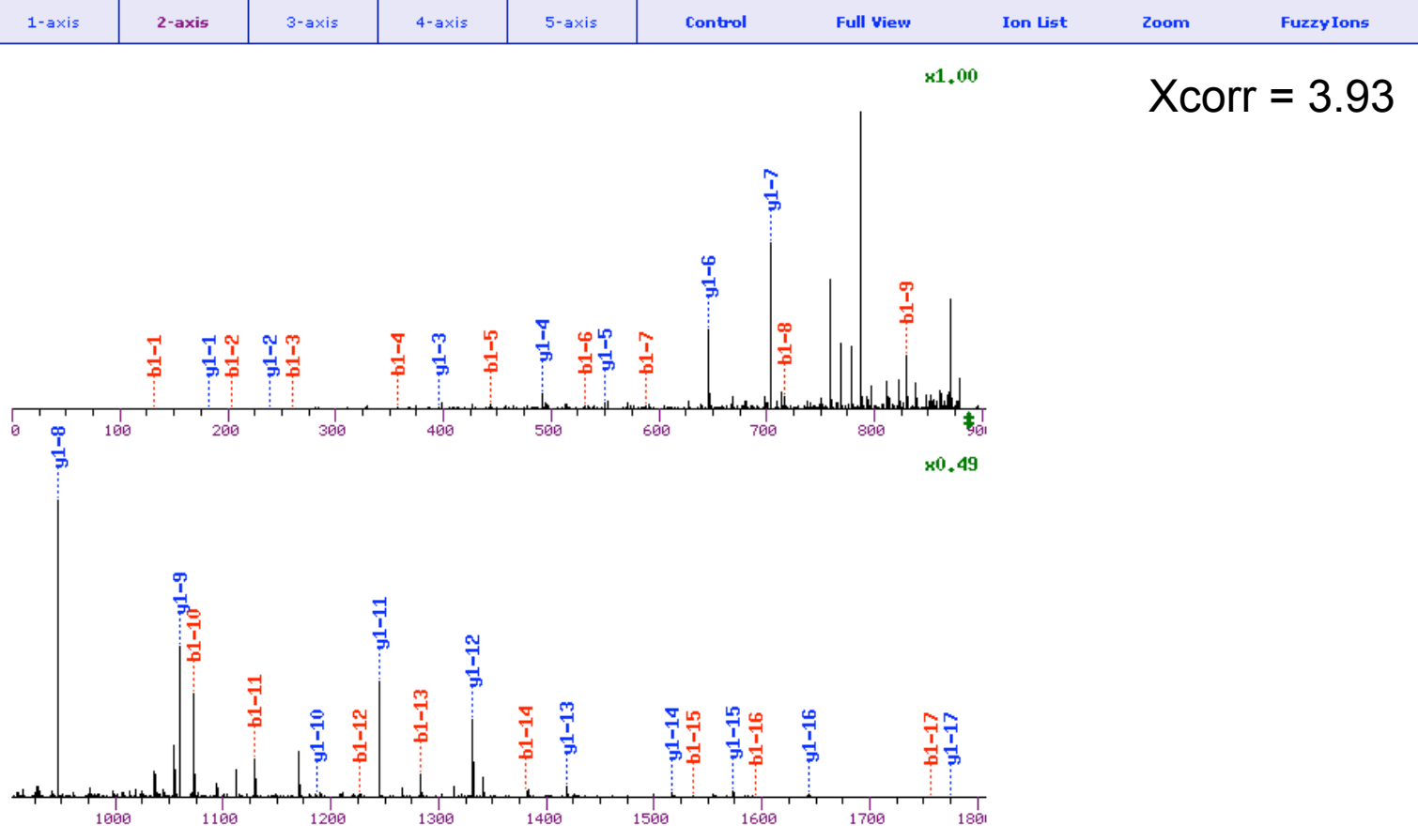


LPP pY245

Y.MAGPSSGQIY@GPGPRGY.N

DisplayIons

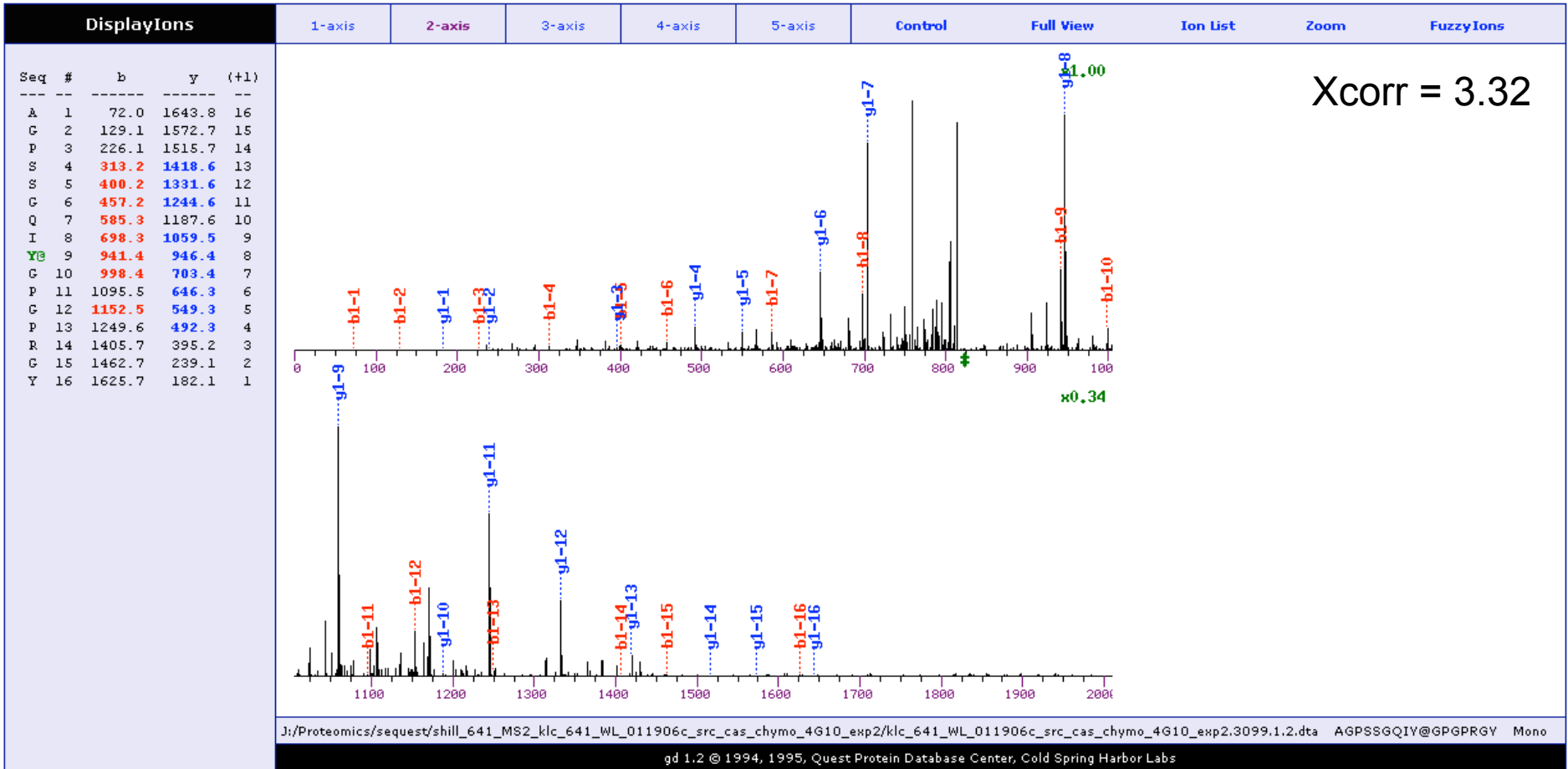
Seq #	b	y (+1)
M 1	132.0	1774.8 17
A 2	203.1	1643.8 16
G 3	260.1	1572.7 15
P 4	357.2	1515.7 14
S 5	444.2	1418.6 13
S 6	531.2	1331.6 12
G 7	588.2	1244.6 11
Q 8	716.3	1187.6 10
I 9	829.4	1059.5 9
Y 10	1072.5	946.4 8
G 11	1129.5	703.4 7
P 12	1226.5	646.3 6
G 13	1283.5	549.3 5
P 14	1380.6	492.3 4
R 15	1536.7	395.2 3
G 16	1593.7	239.1 2
Y 17	1756.8	182.1 1



J:/Proteomics/sequest/shill_641_MS2_klc_641_WL_121605c_src_cas_chymo_exp3/klc_641_WL_121605c_src_cas_chymo_exp3.4012.1.2.dta MAGPSSGQIY@GPGPRGY Mono

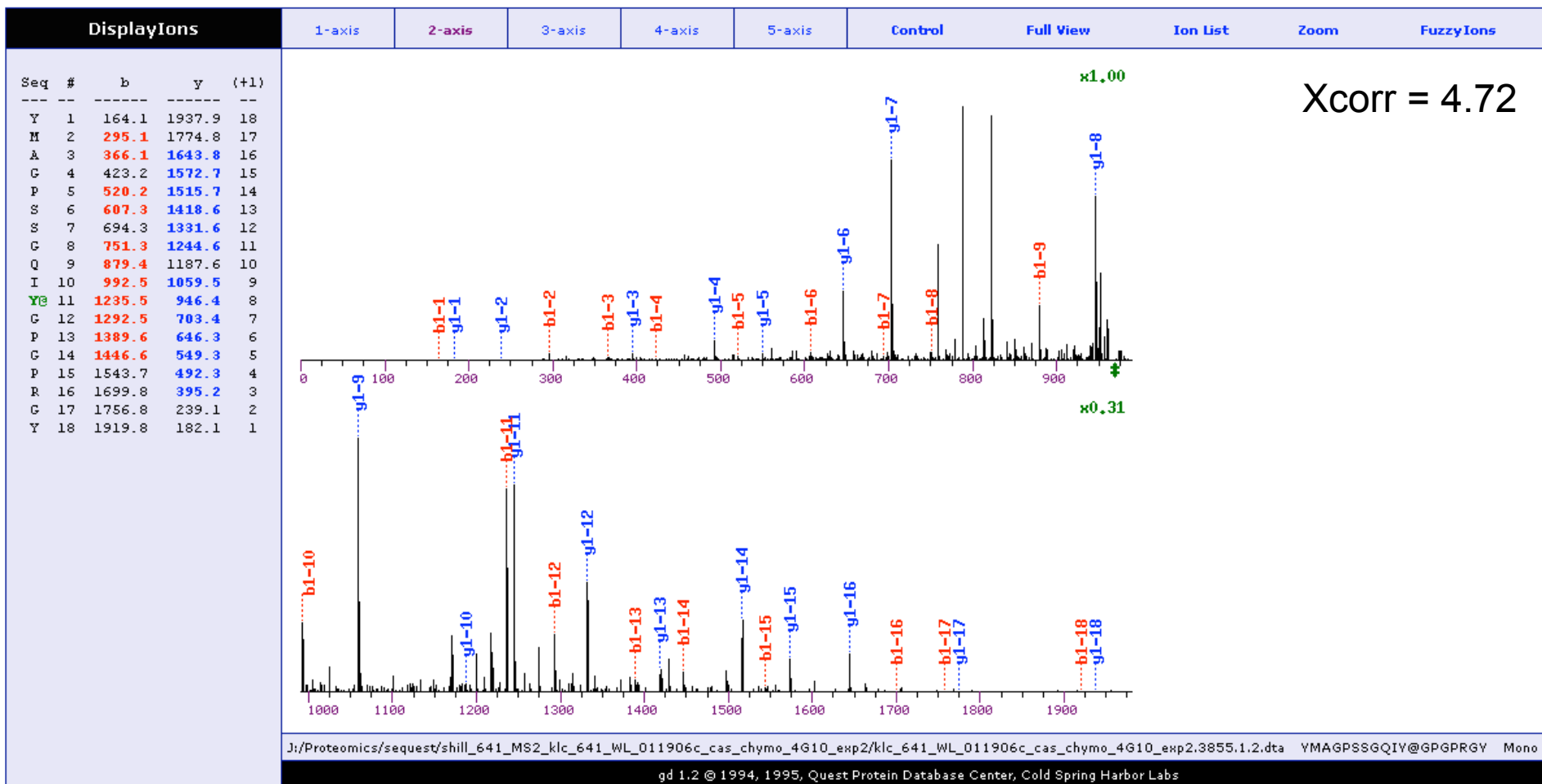
LPP pY245

M.AGPSSGQIY@GPGPRGY.N



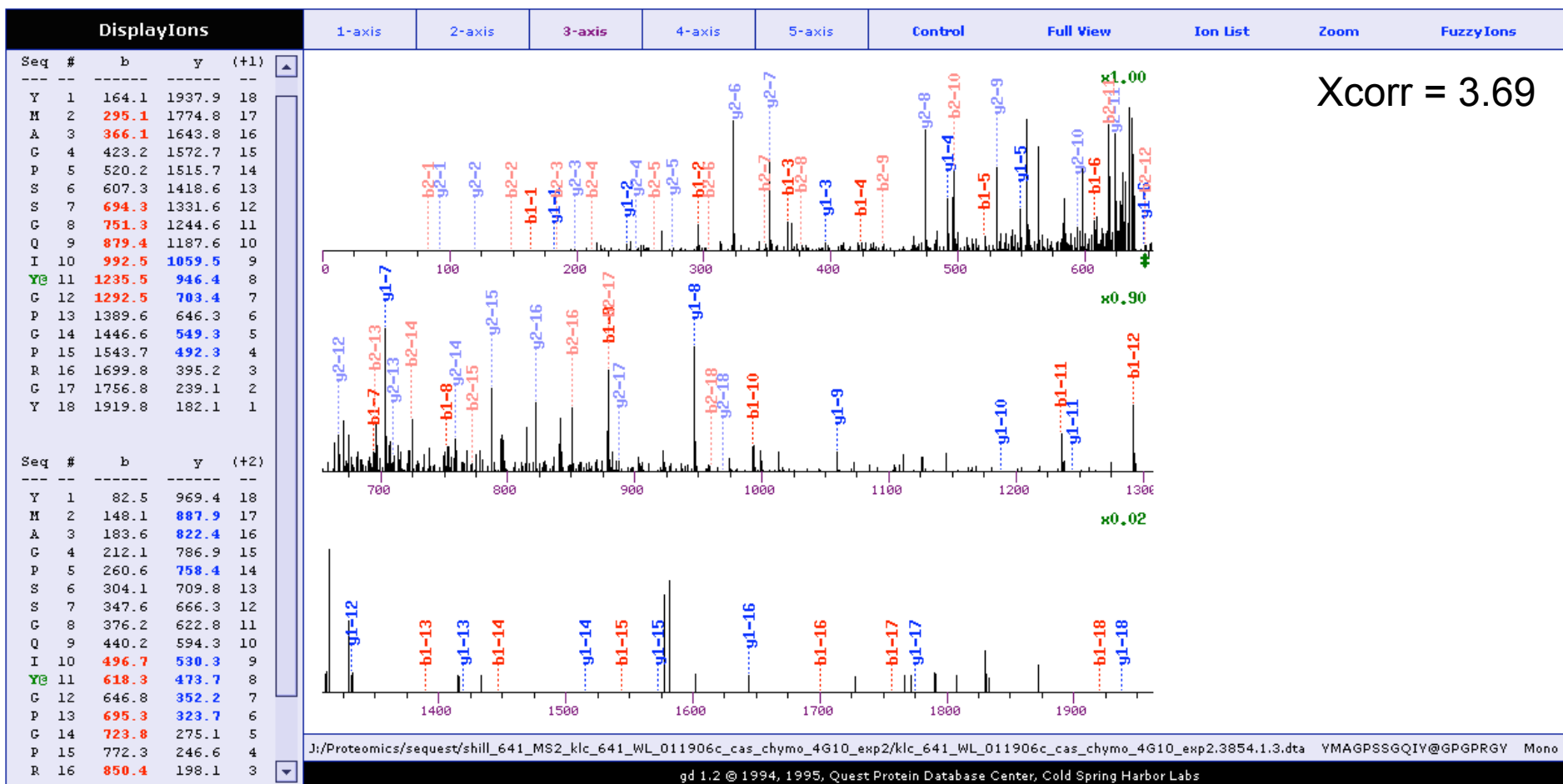
LPP pY245

H.YMAGPSSGQIY@GPGPRGY.N

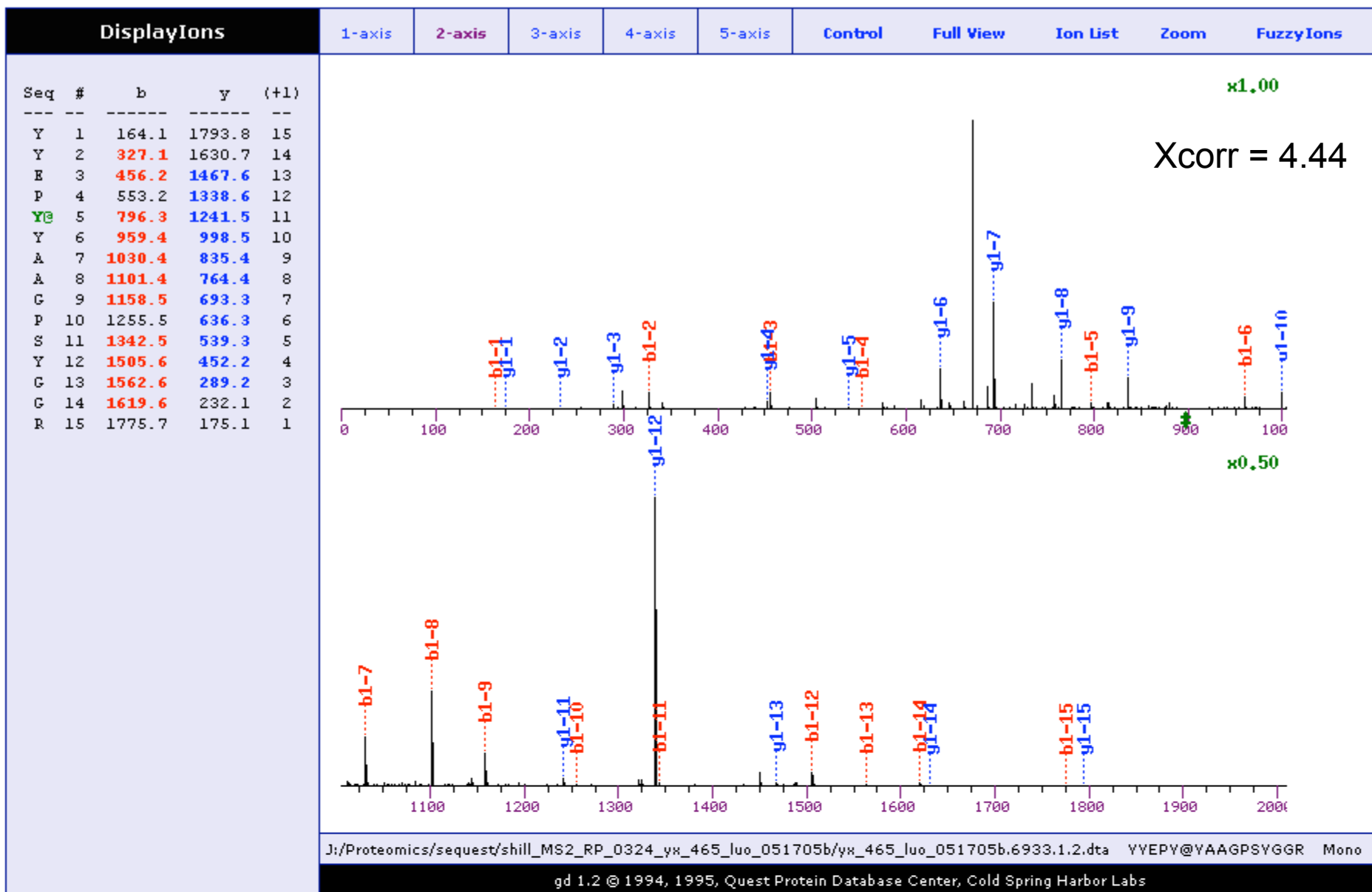


LPP pY245

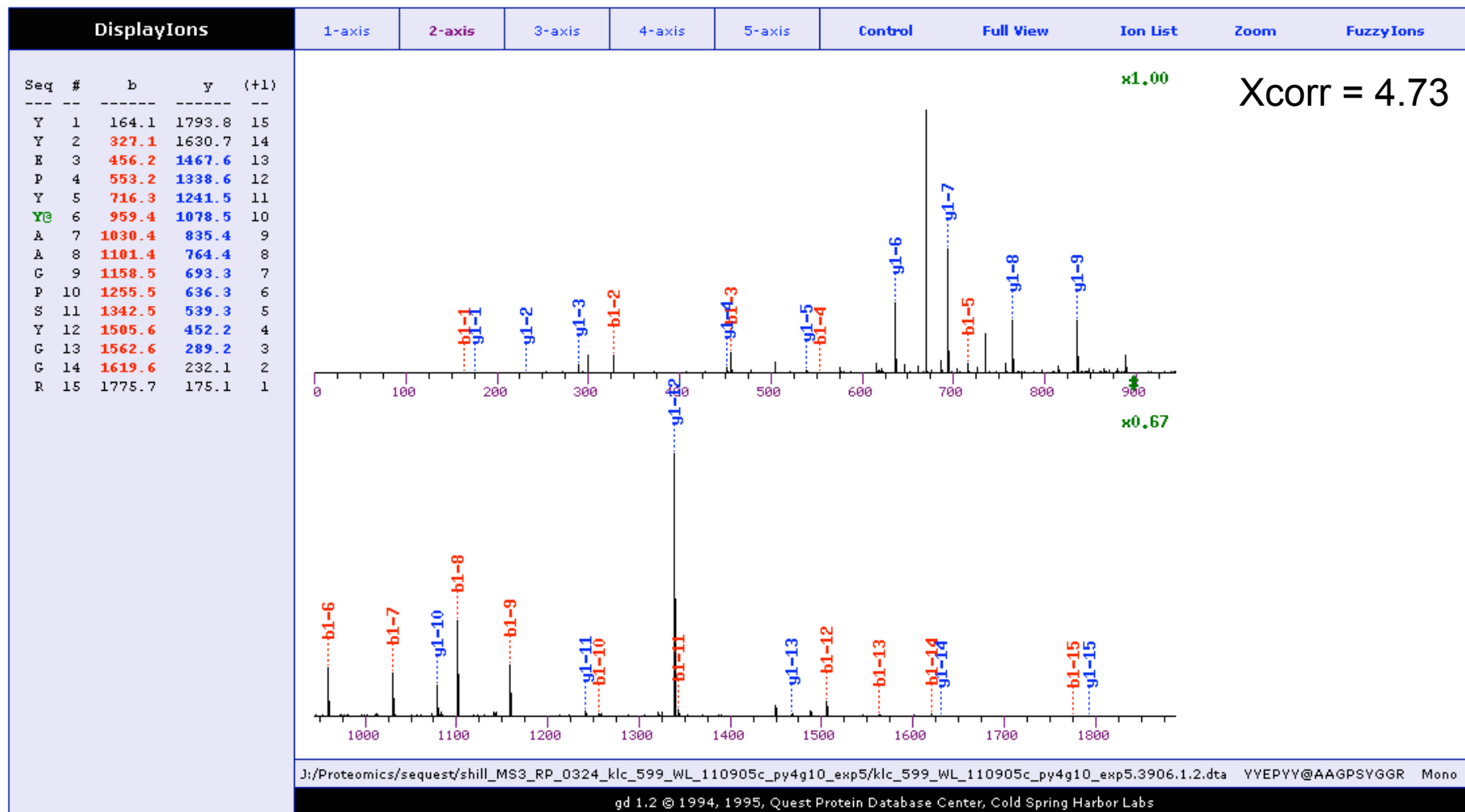
H.YMAGPSSGQIY@GPGPRGY.N



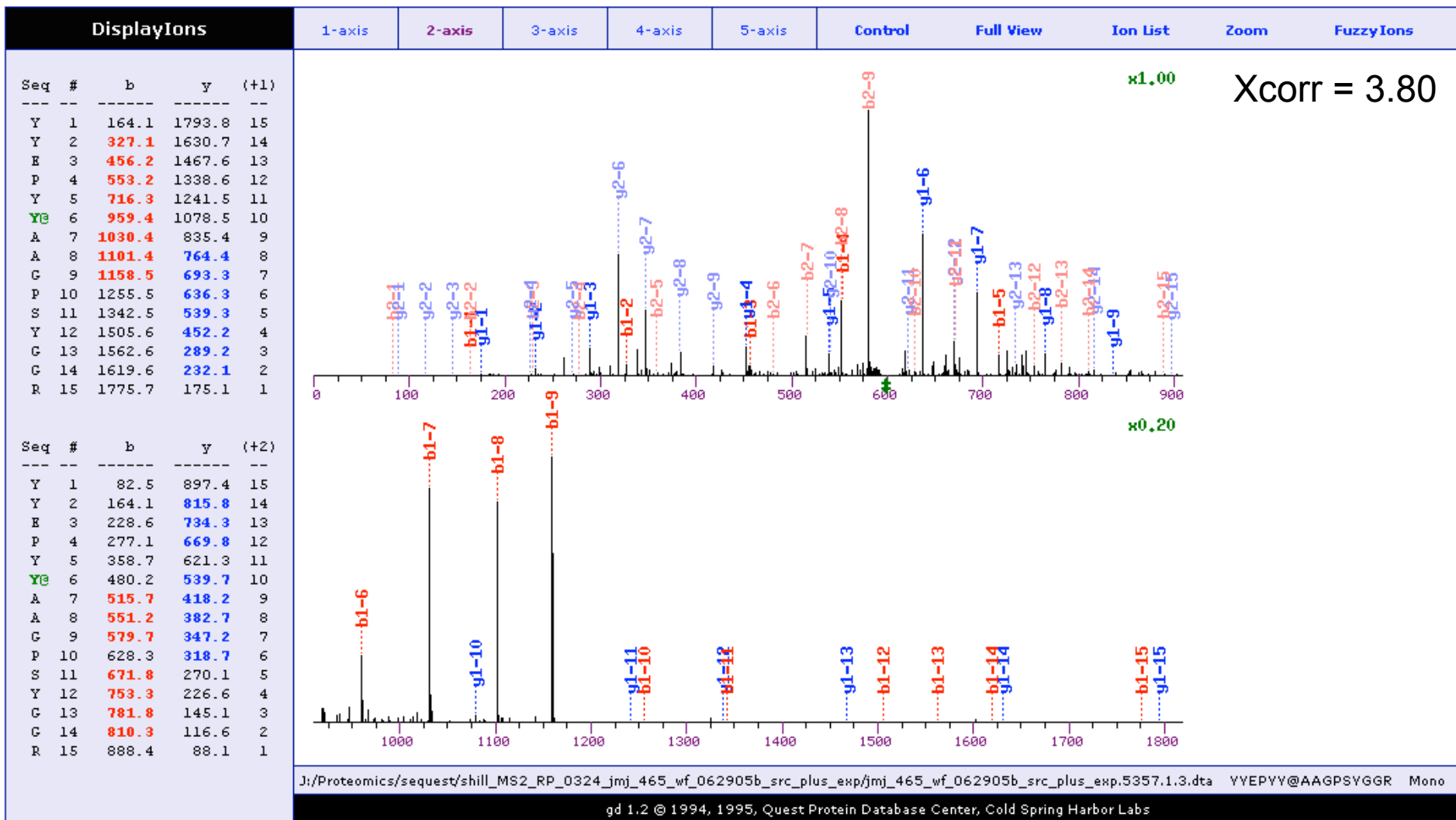
LPP pY301 R.YYEPY@YAAGPSYGGR.S



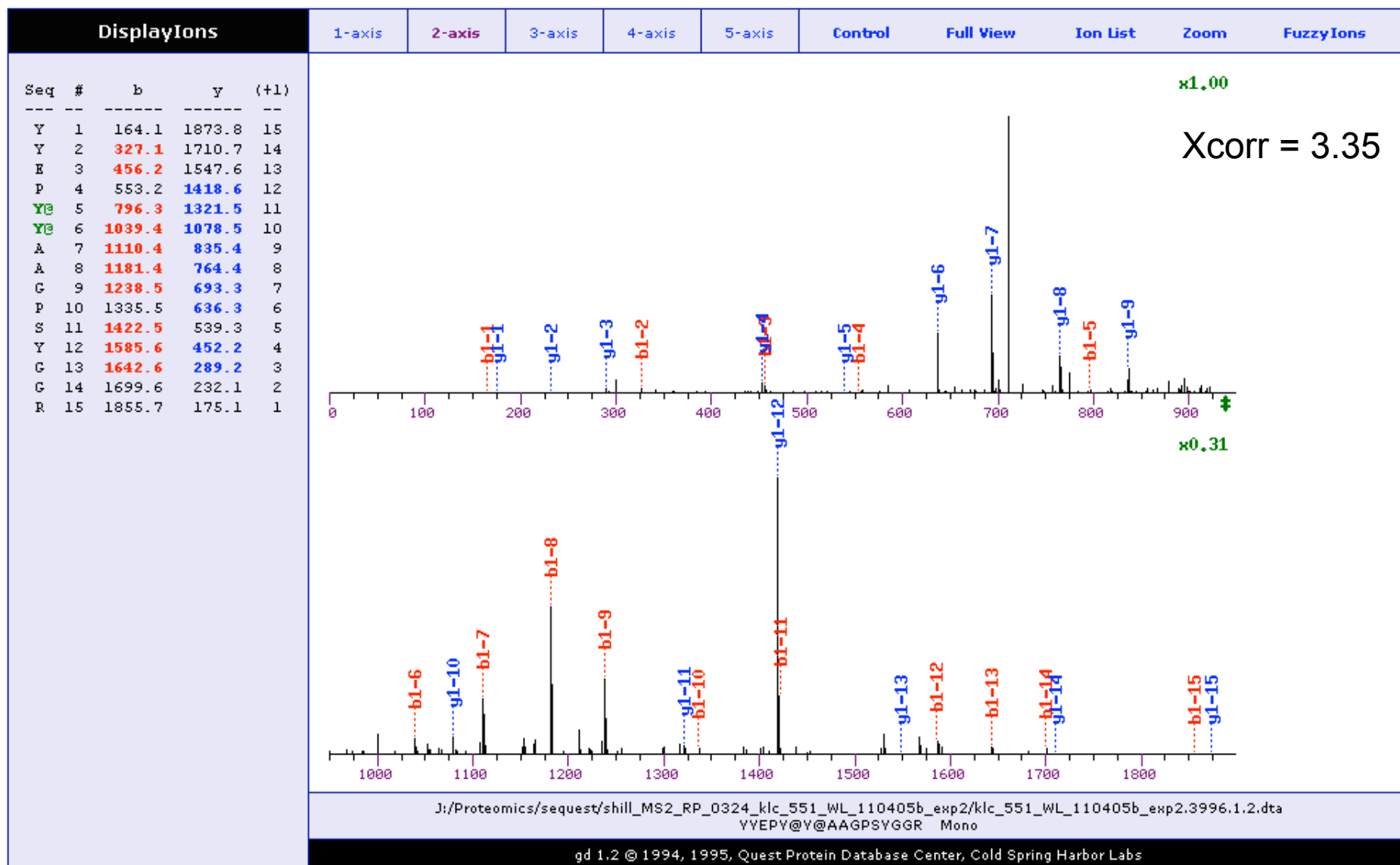
LPP pY302 R.YYEPYY@AAGPSYGGR.S



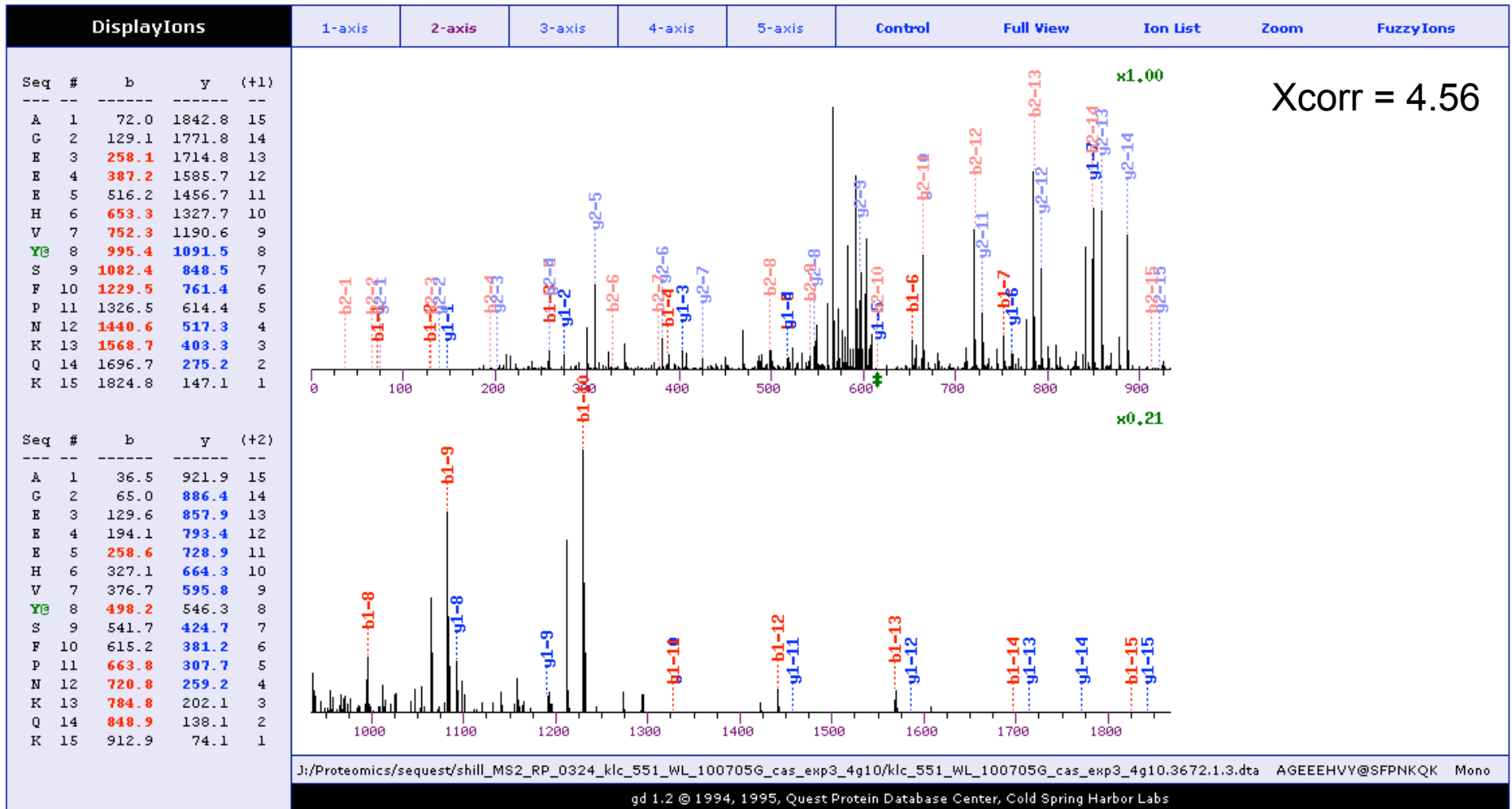
LPP pY302 R.YYEPYY@AAGPSYGGR.S



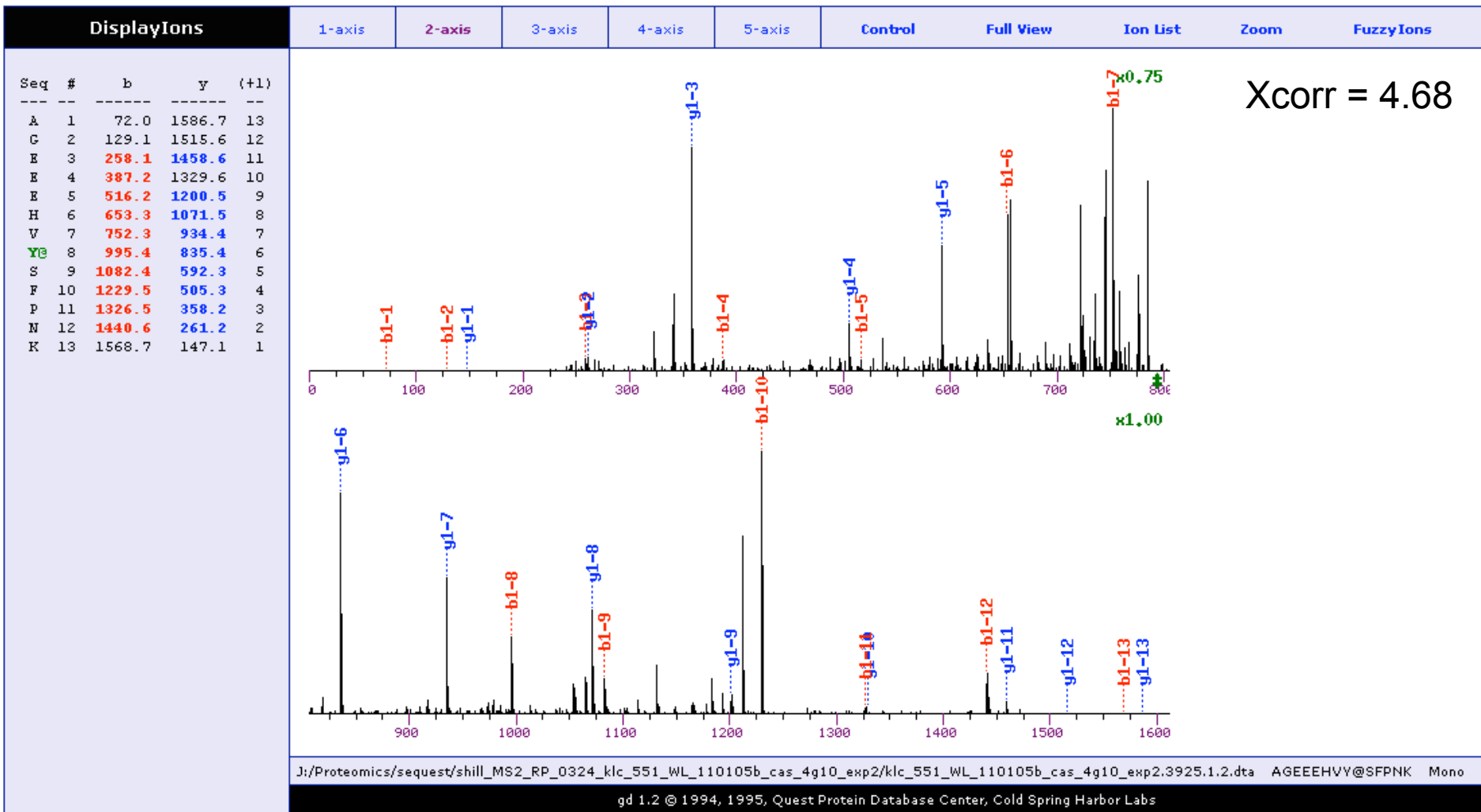
LPP pY301/pY302 R.YYEPY@Y@AAGPSYGGR.S



Paxillin pY118 R.AGEEEHVY@SFPNKQK.S

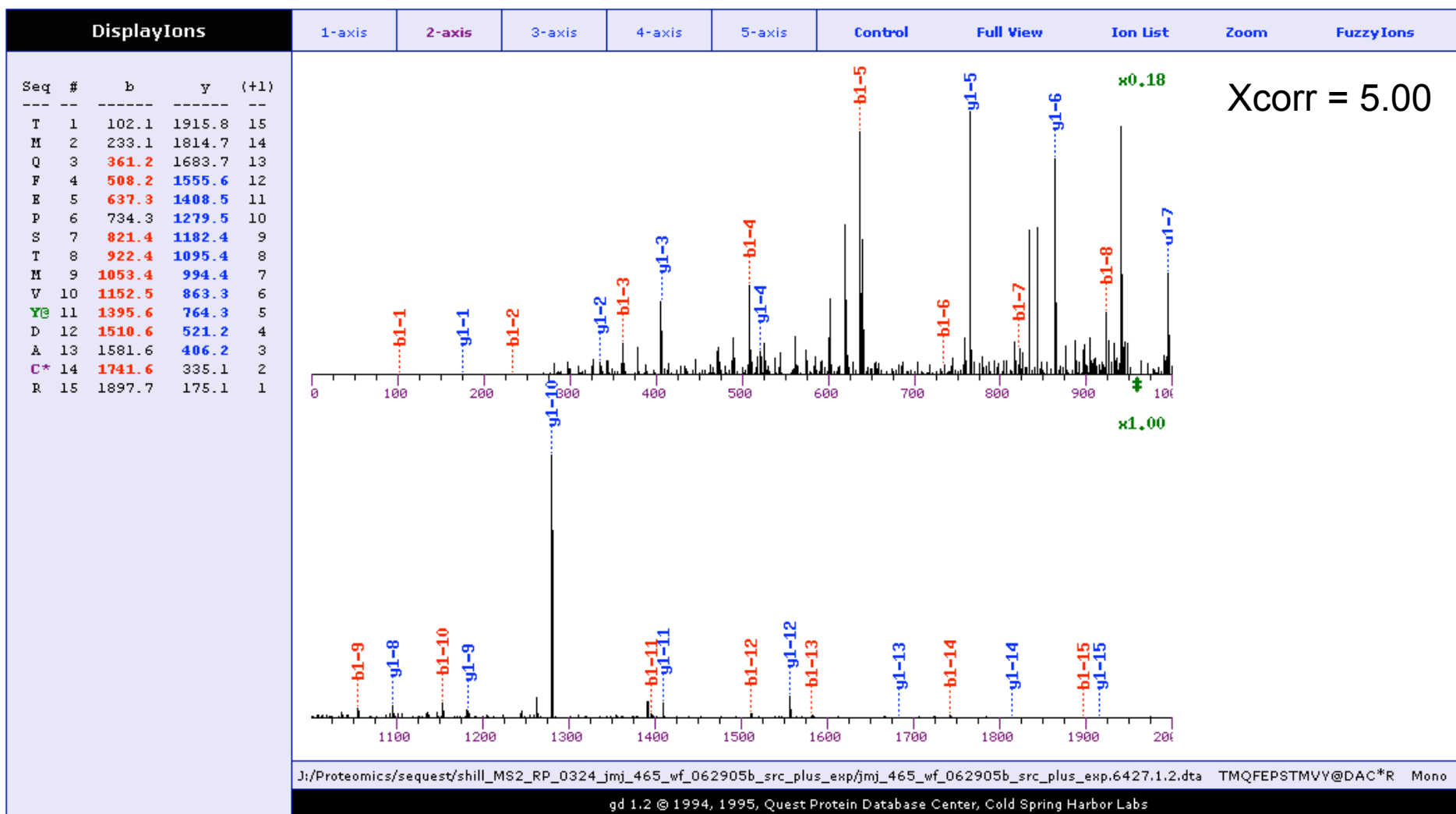


Paxillin pY118 R.AGEEEHVY@SFPNK.Q



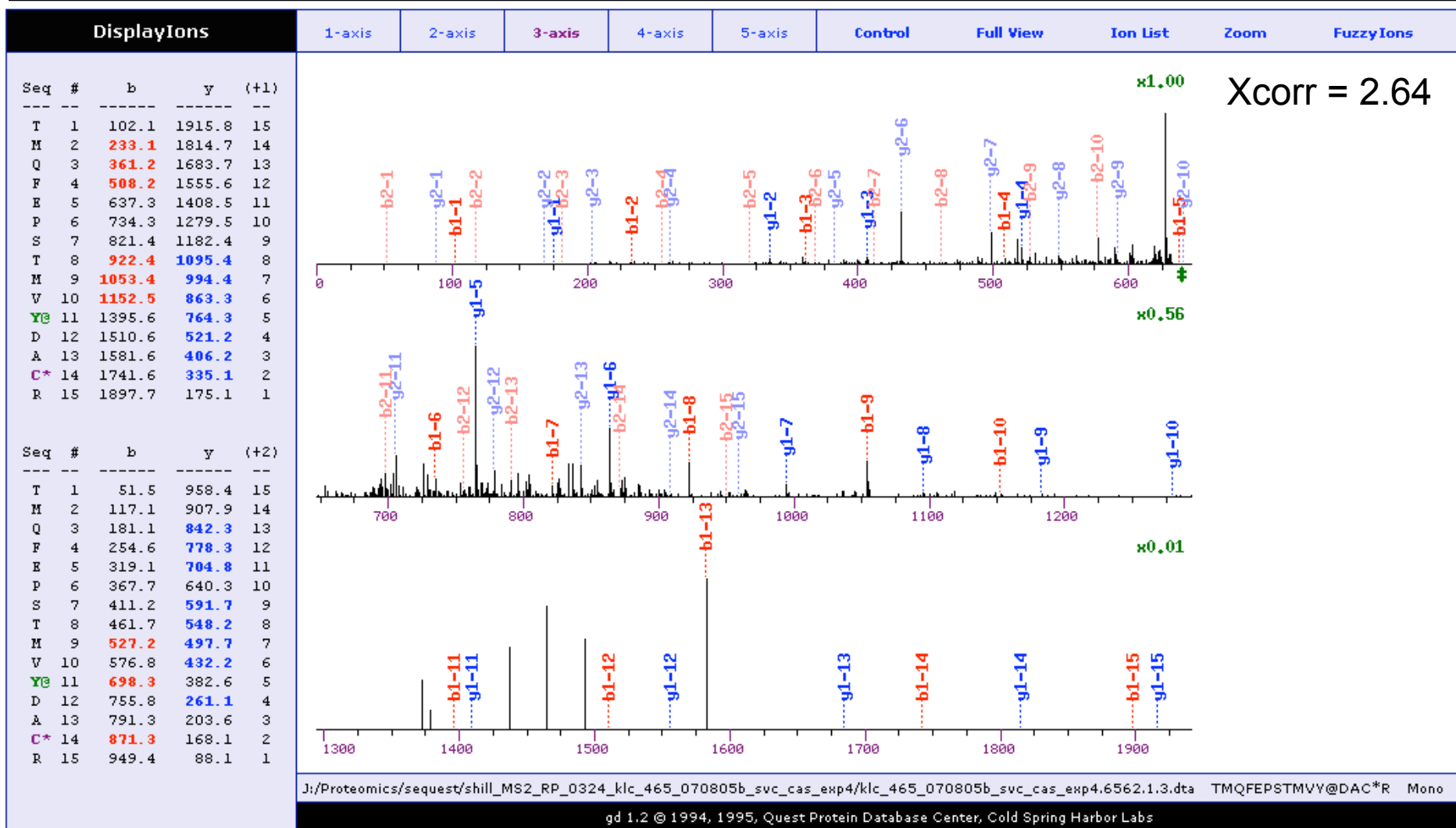
Talin 1 pY26

K.TMQFEPSTMVY@DAC*R.M



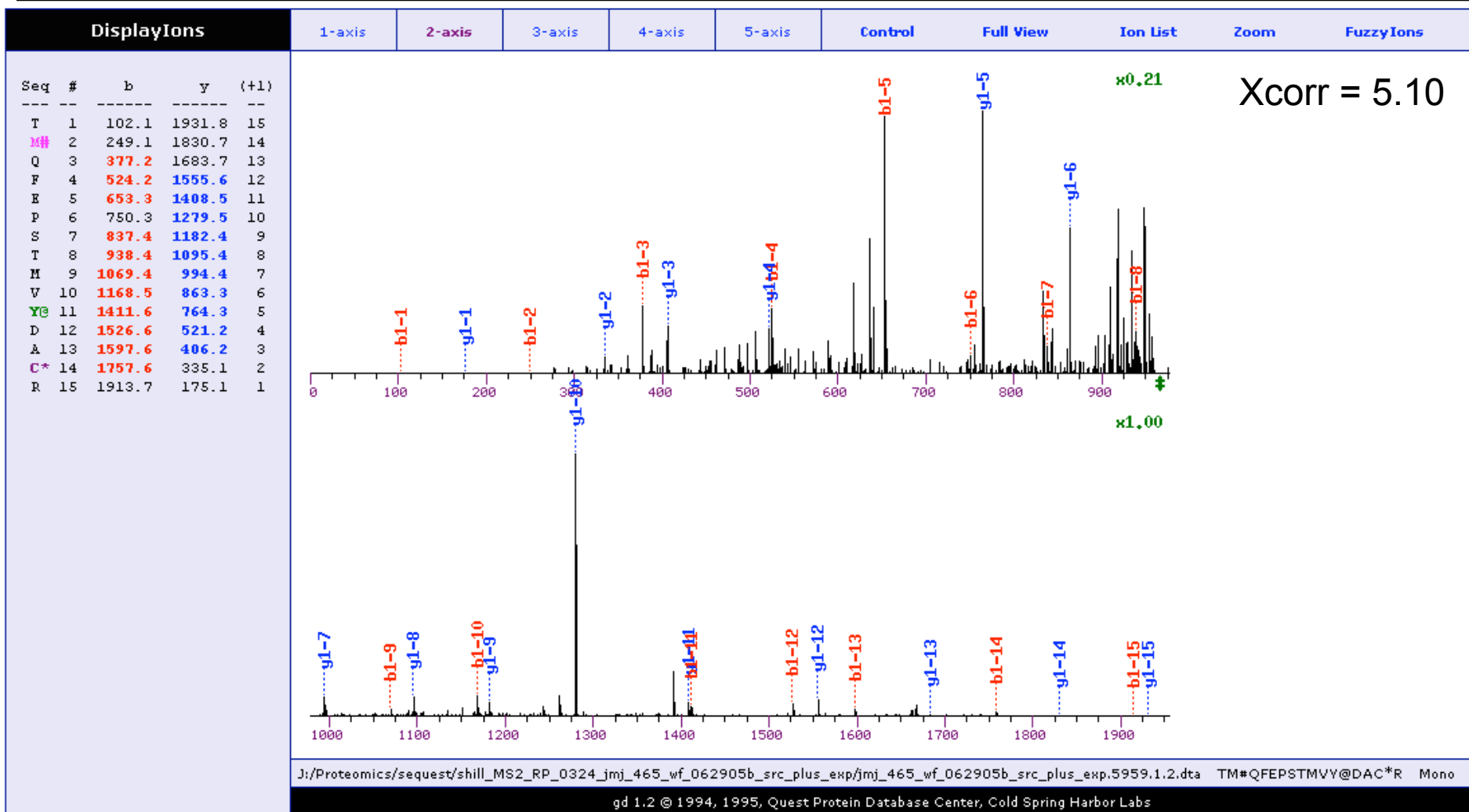
Talin 1 pY26

K.TMQFEPSTMVY@DAC*R.M



Talin 1 pY26

K.TM#QFEPSTMVY@DAC*R.M

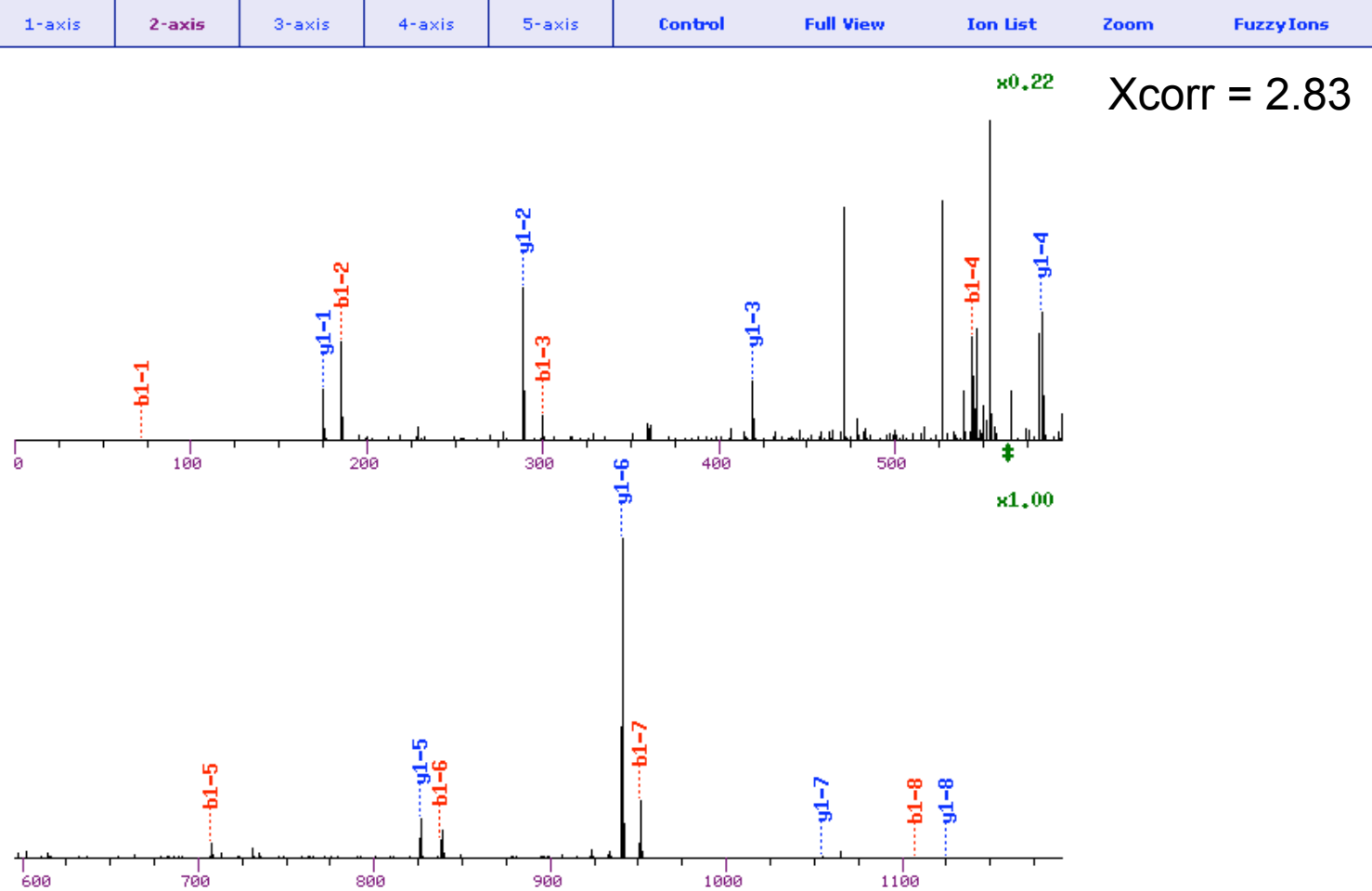


Talin 1 pY70

K.ALDY@YMLR.N

DisplayIons

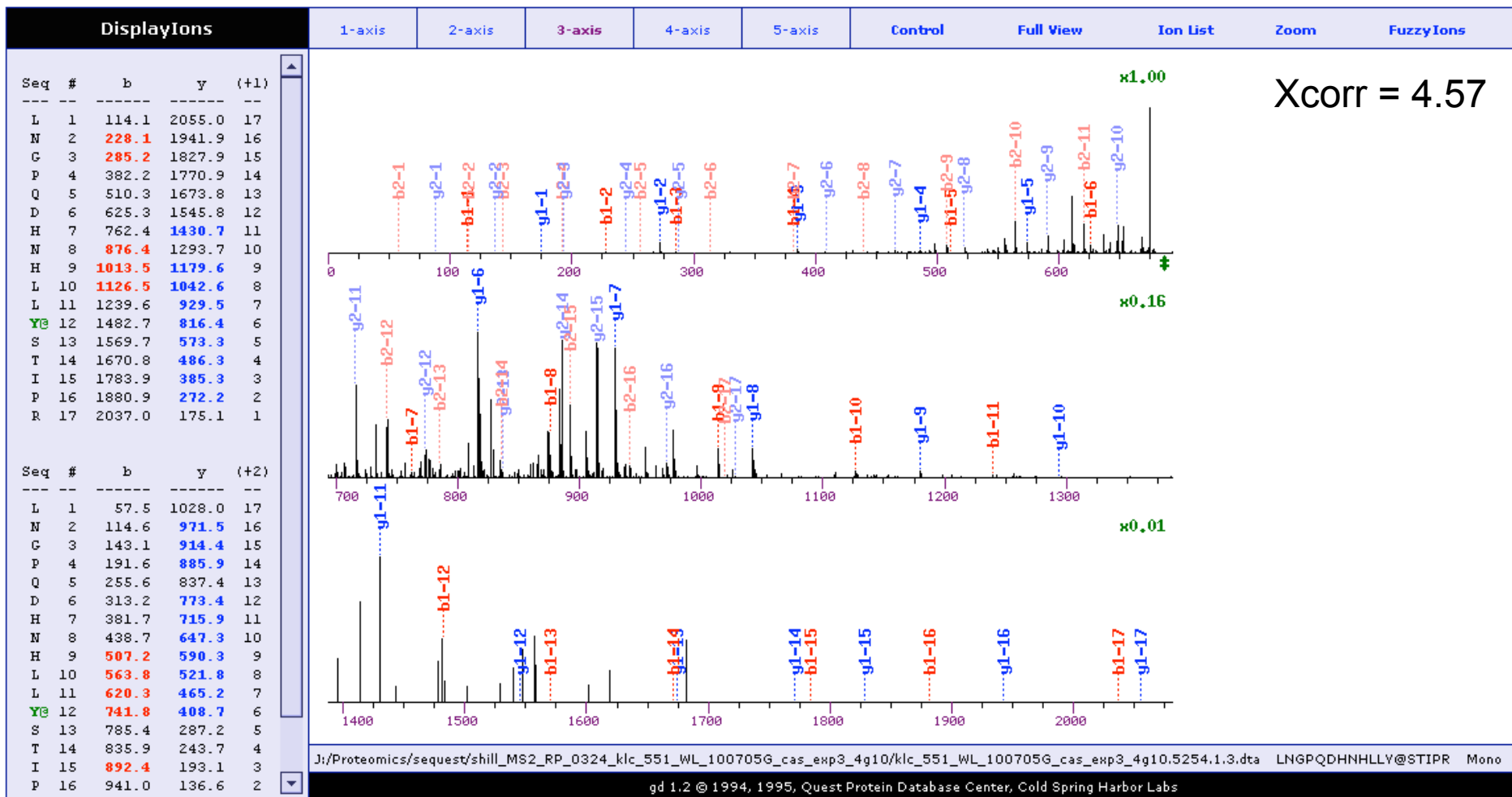
Seq #	b	y	(+1)
A 1	72.0	1124.5	8
L 2	185.1	1053.5	7
D 3	300.2	940.4	6
Y@ 4	543.2	825.4	5
Y 5	706.3	582.3	4
M 6	837.3	419.2	3
L 7	950.4	288.2	2
R 8	1106.5	175.1	1



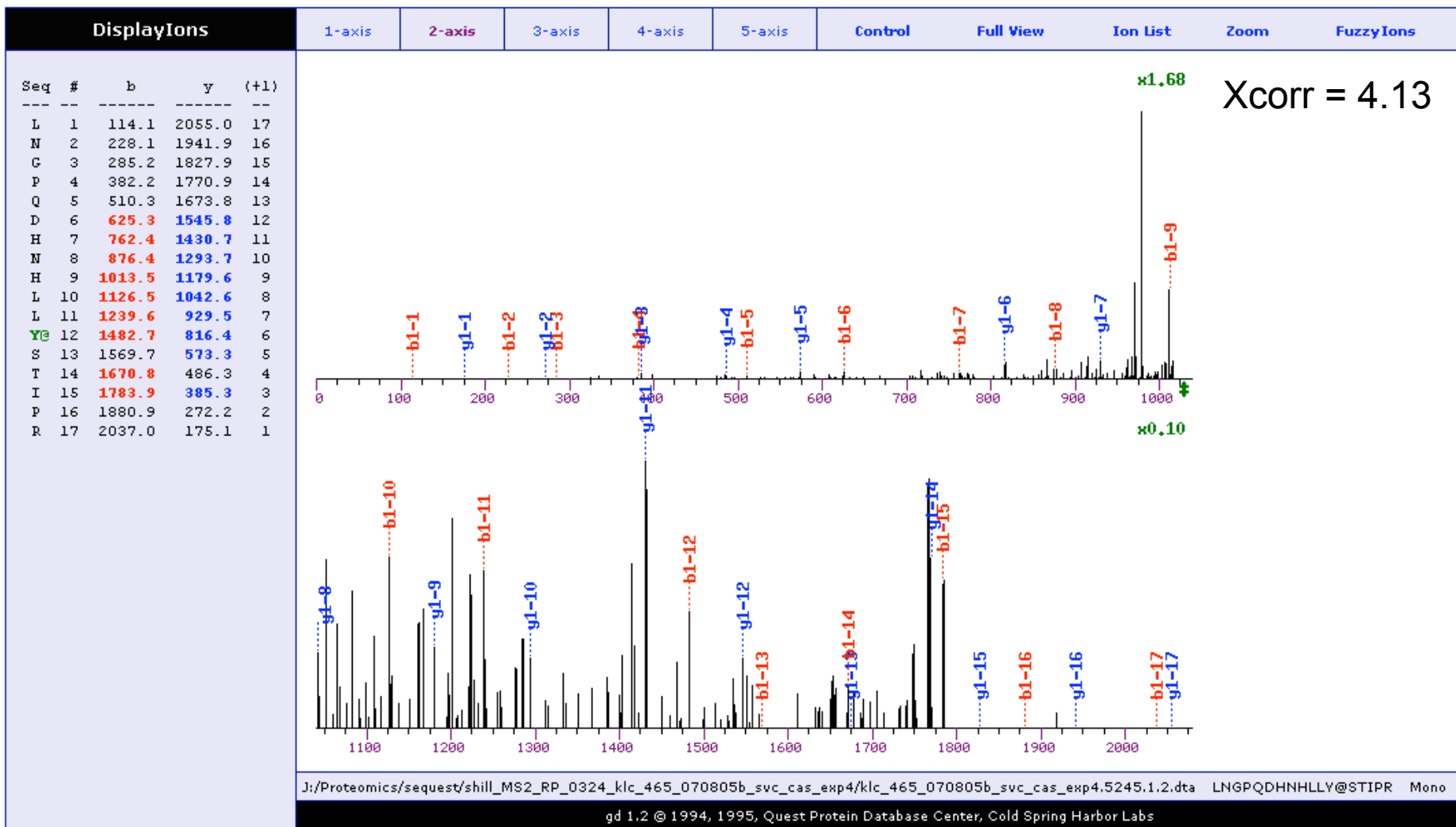
Xcorr = 2.83

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p120 catenin pY96 K.LNGPQDHNHLLY@STIPR.M

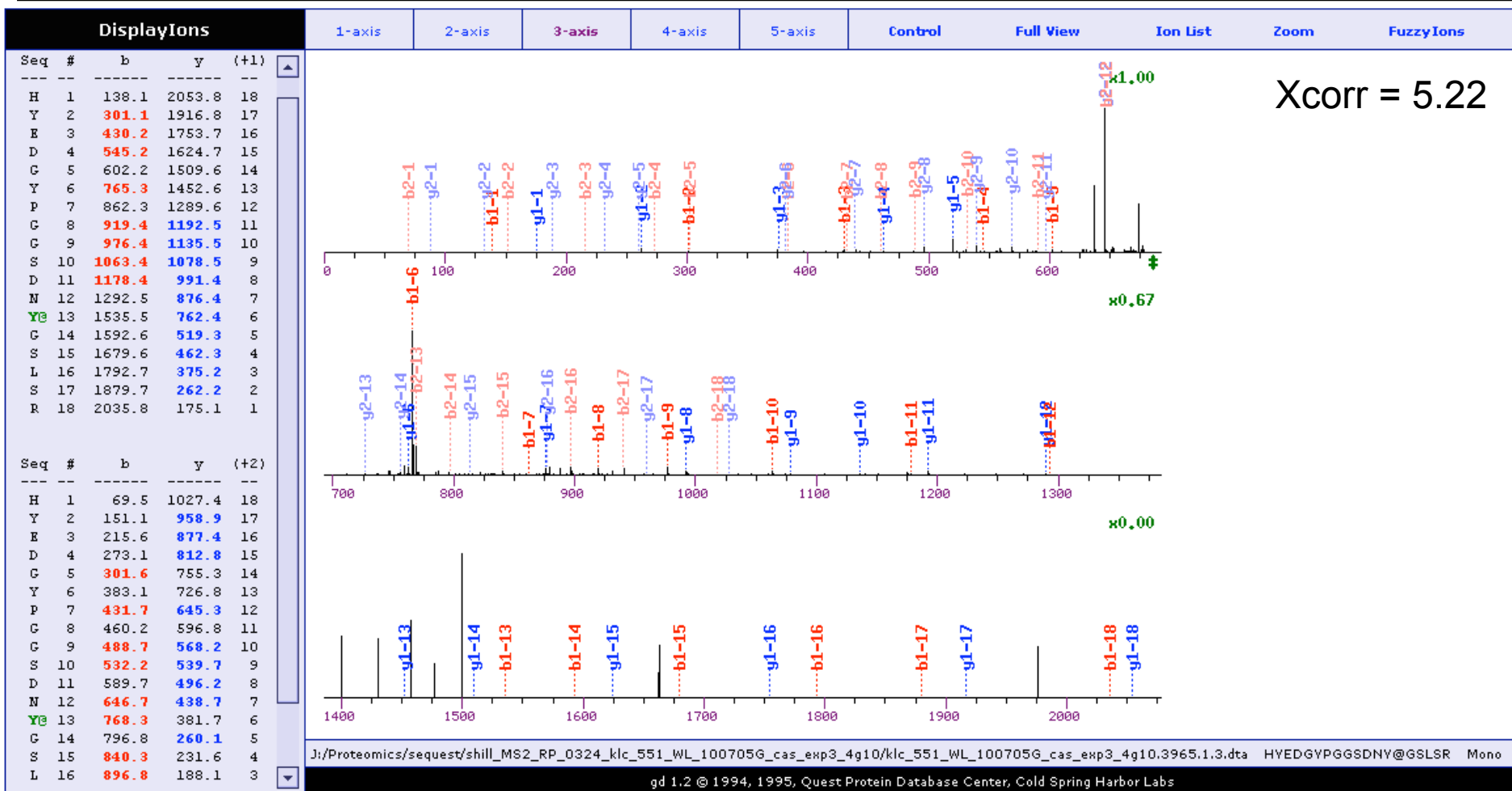


p120 catenin pY96 K.LNGPQDHNHLLY@STIPR.M



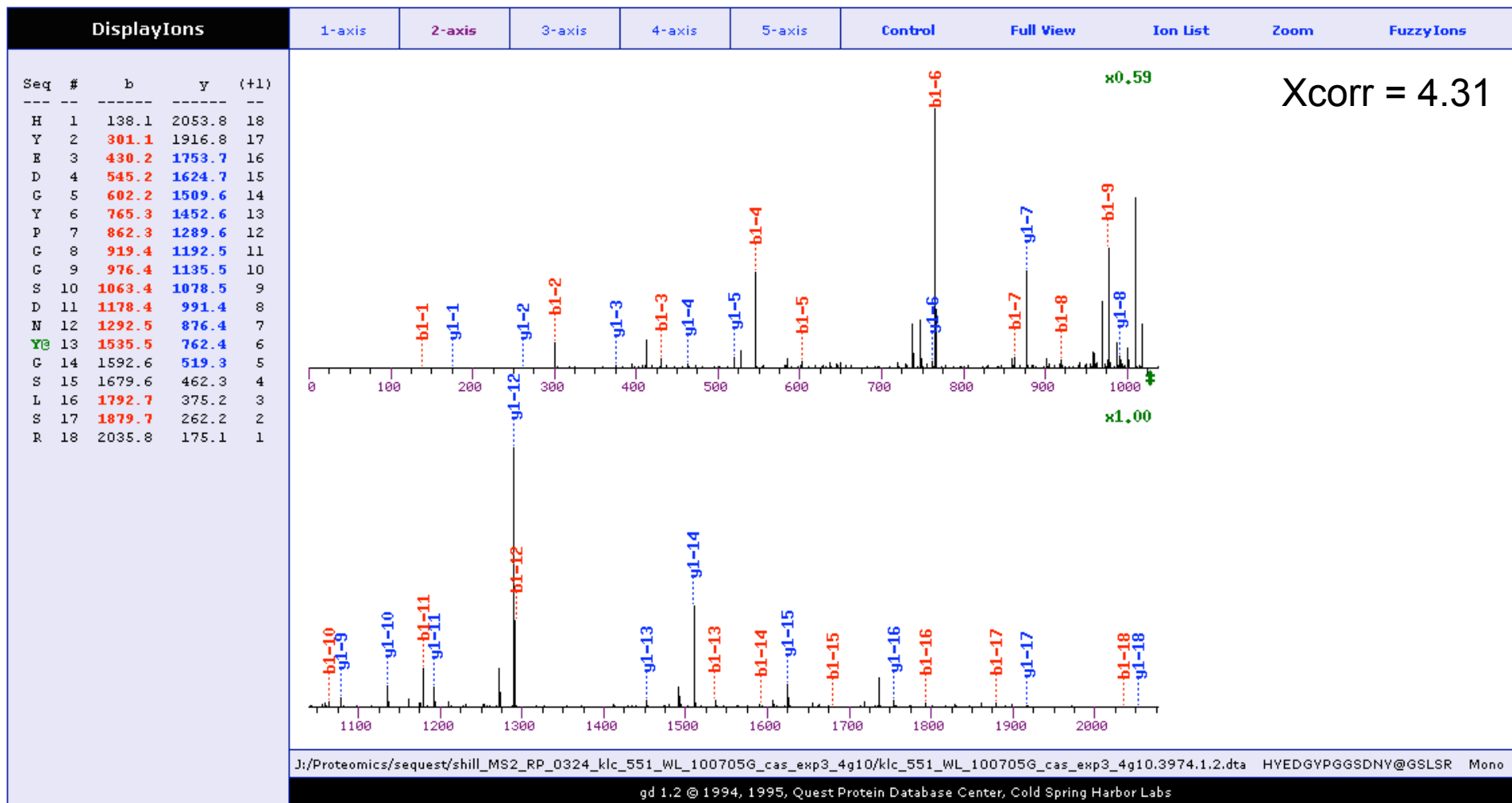
p120 catenin pY228

R.HYEDGYPGSDNY@GSLSR.V



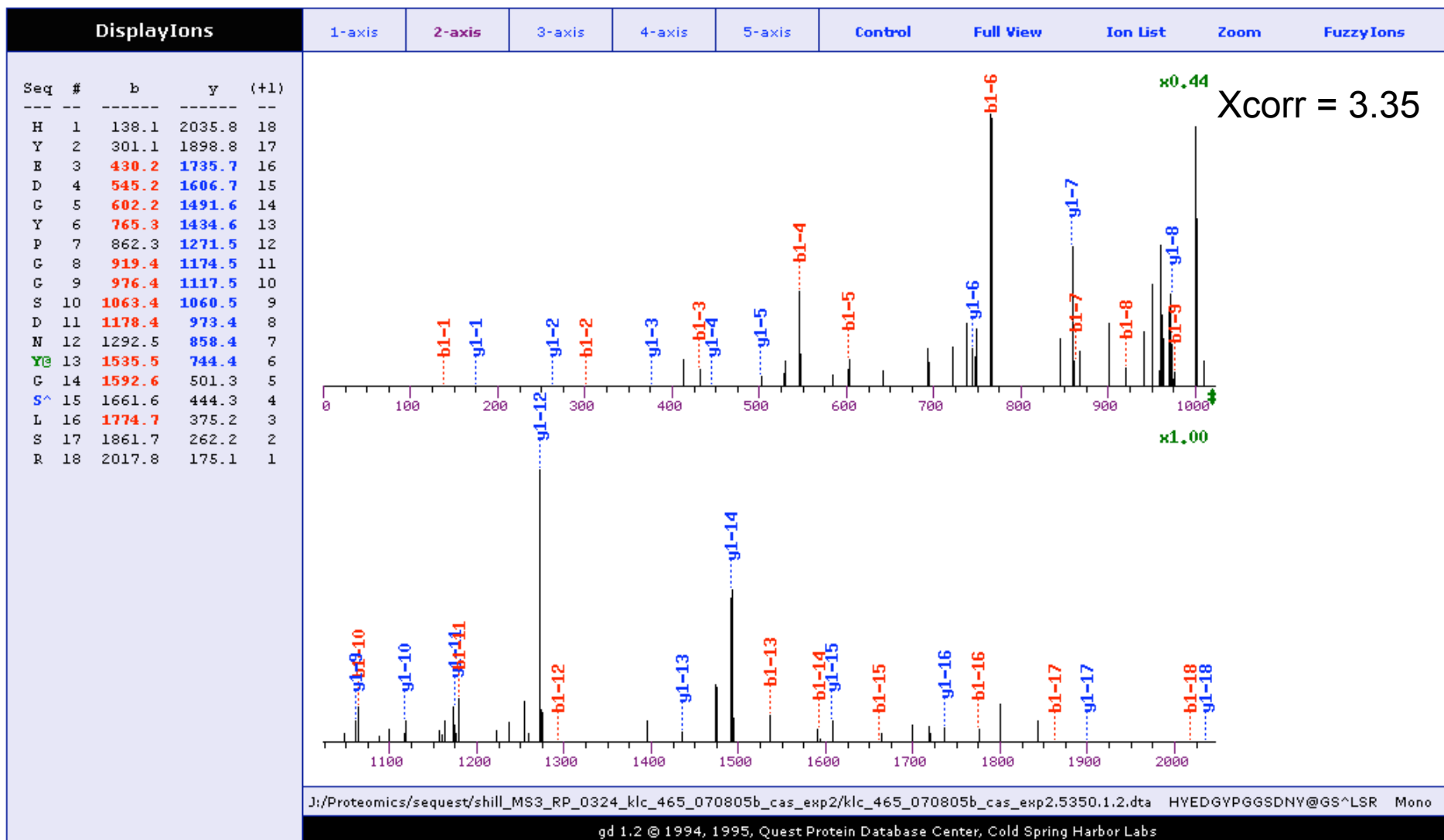
p120 catenin pY228

R.HYEDGYPGGSDNY@GSLSR.V



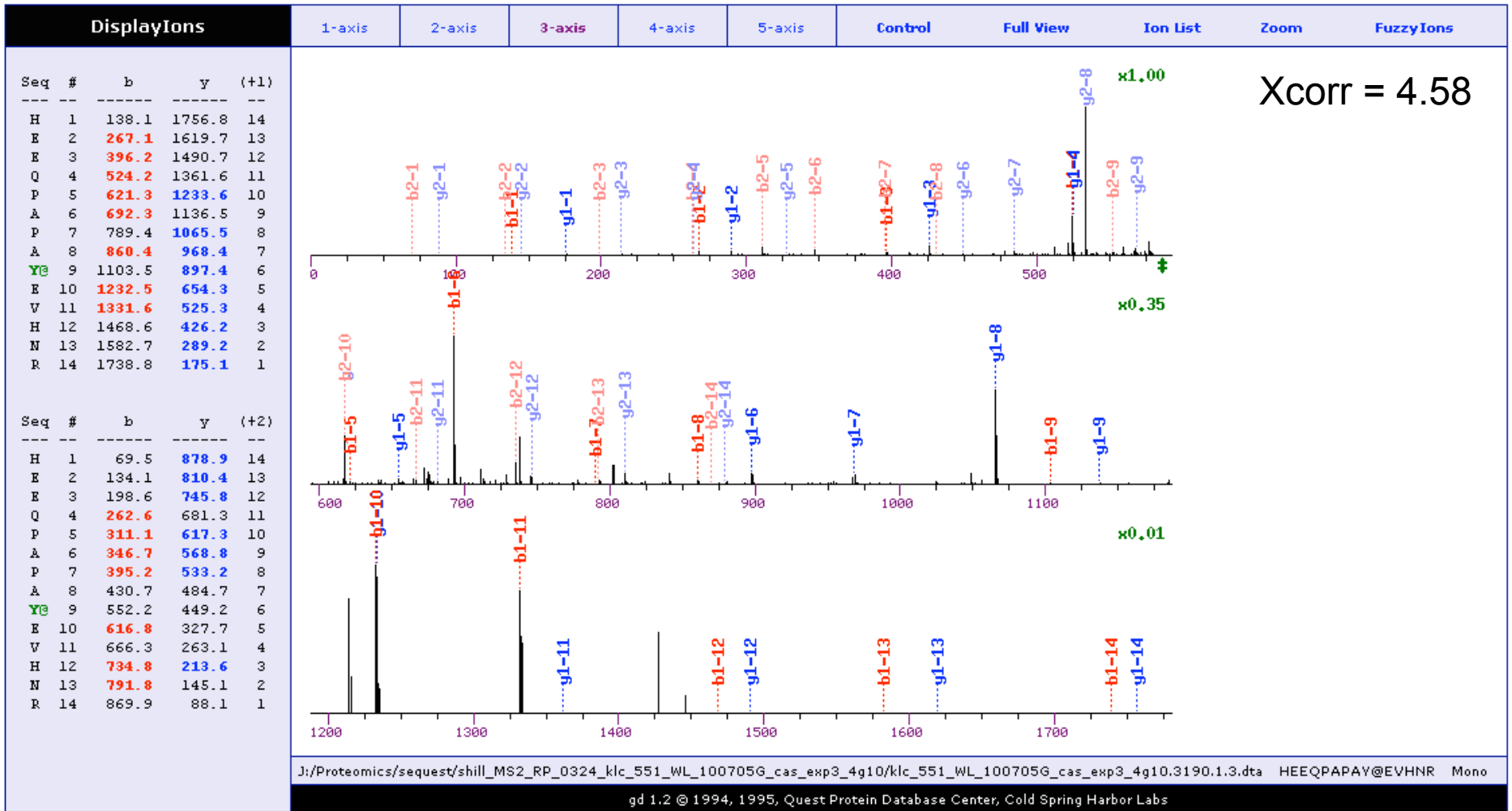
p120 catenin pY228

R.HYEDGYPGGSDNY@GS^LSR.V



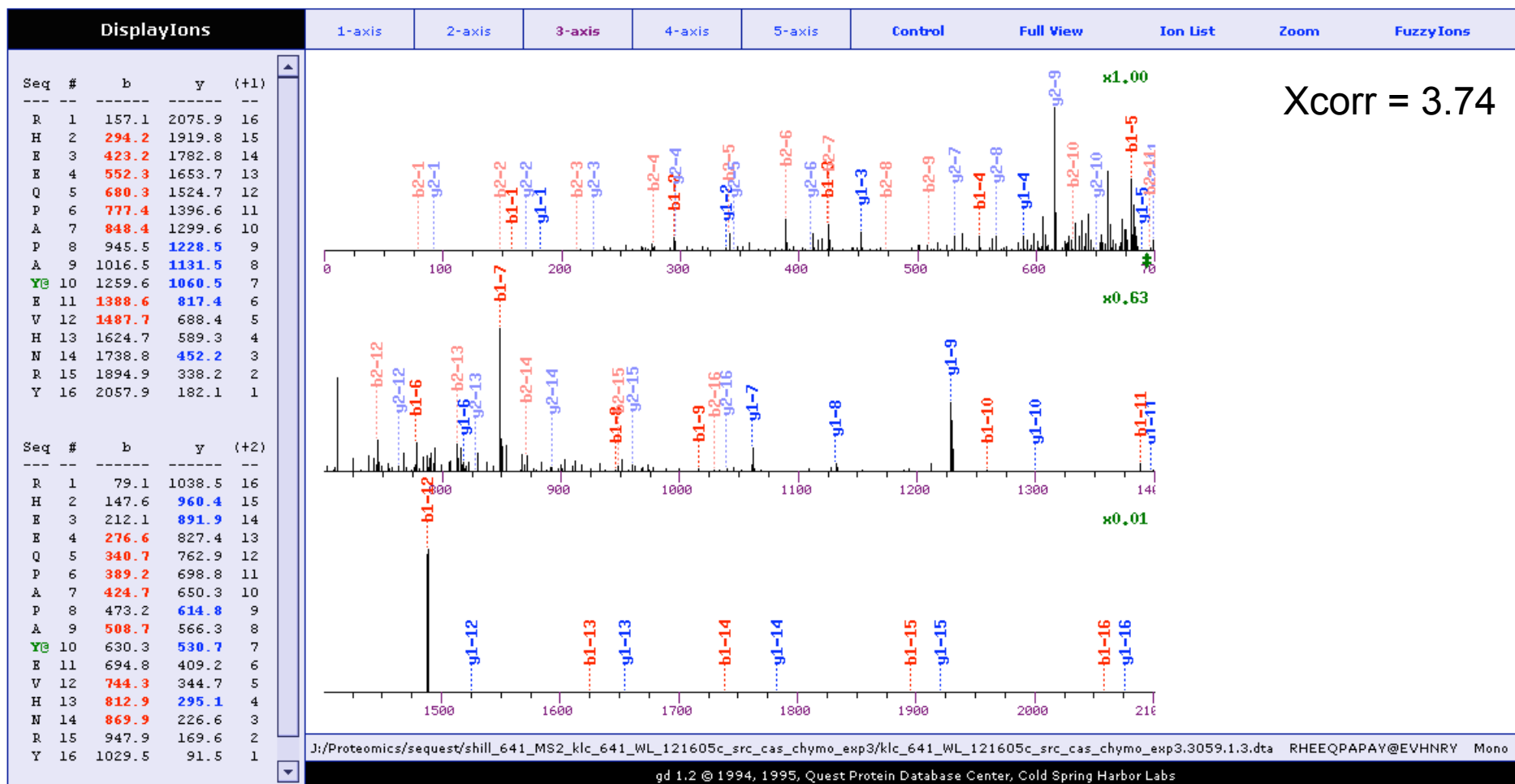
ZO-1 pY1164

R.HEEQPAPAY@EVHNR.Y

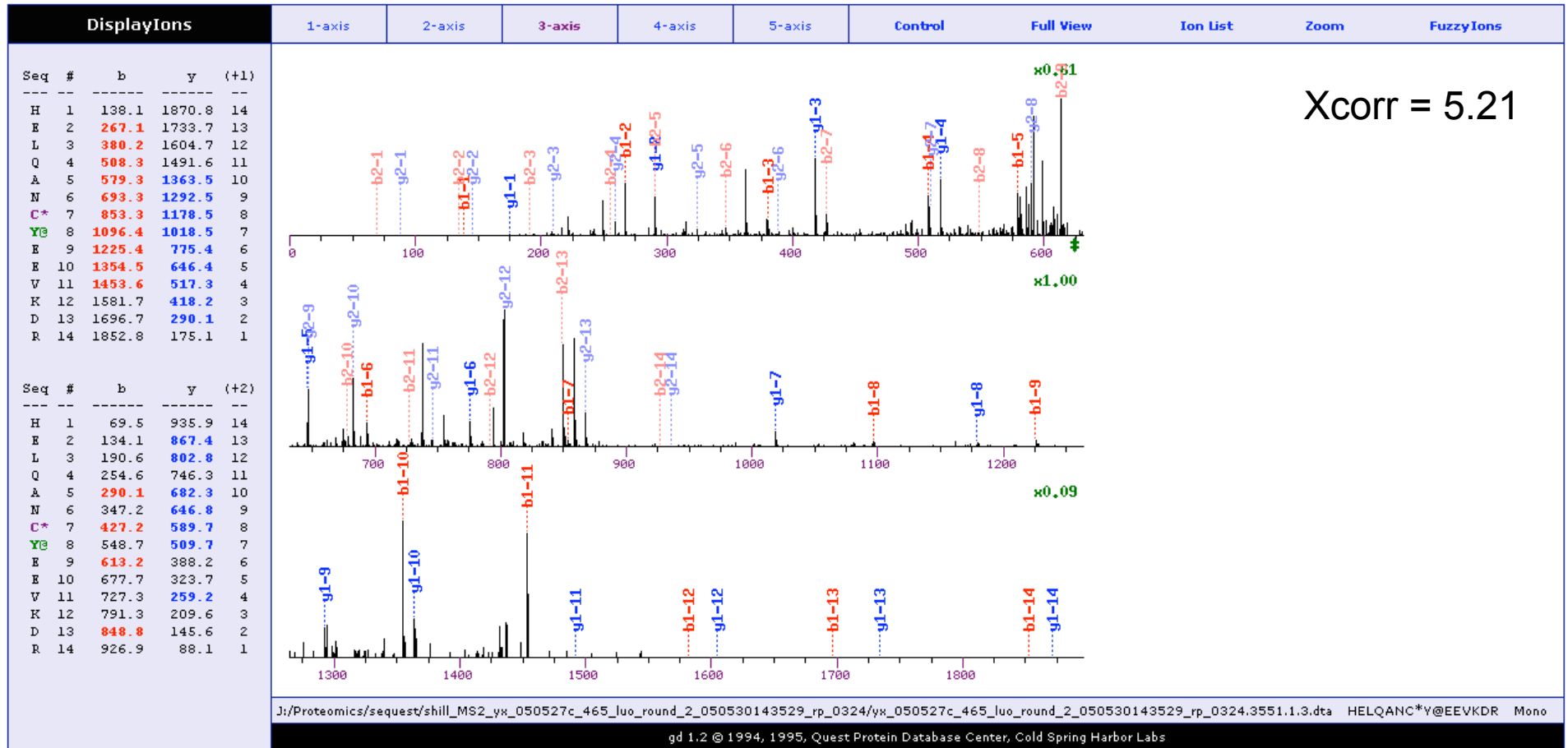


ZO-1 pY1164

L.RHEEQPAPAY@EVHNR.Y.R

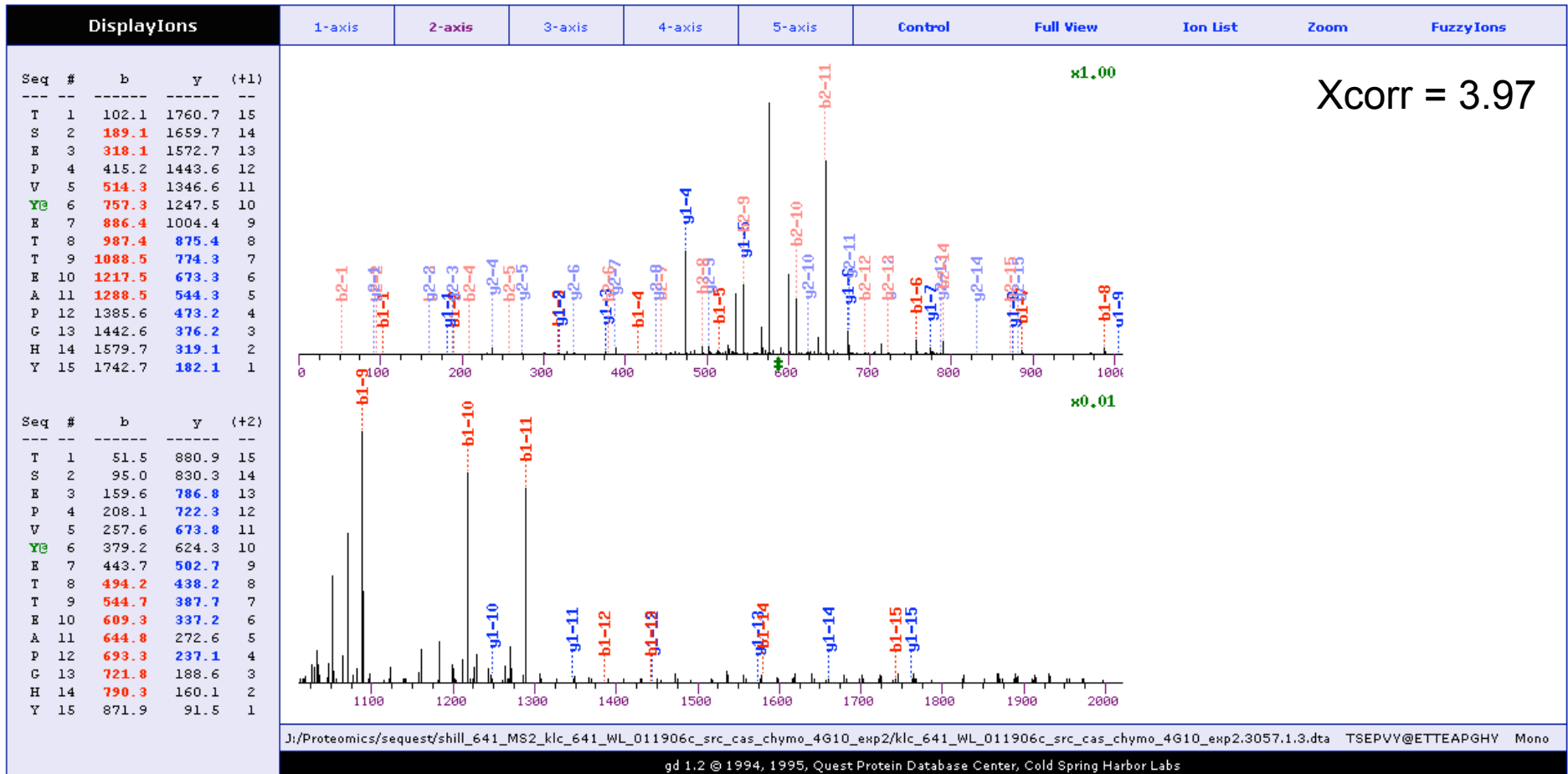


Cofilin-1 pY139 K.HELQANC*Y@EEVKDR.C



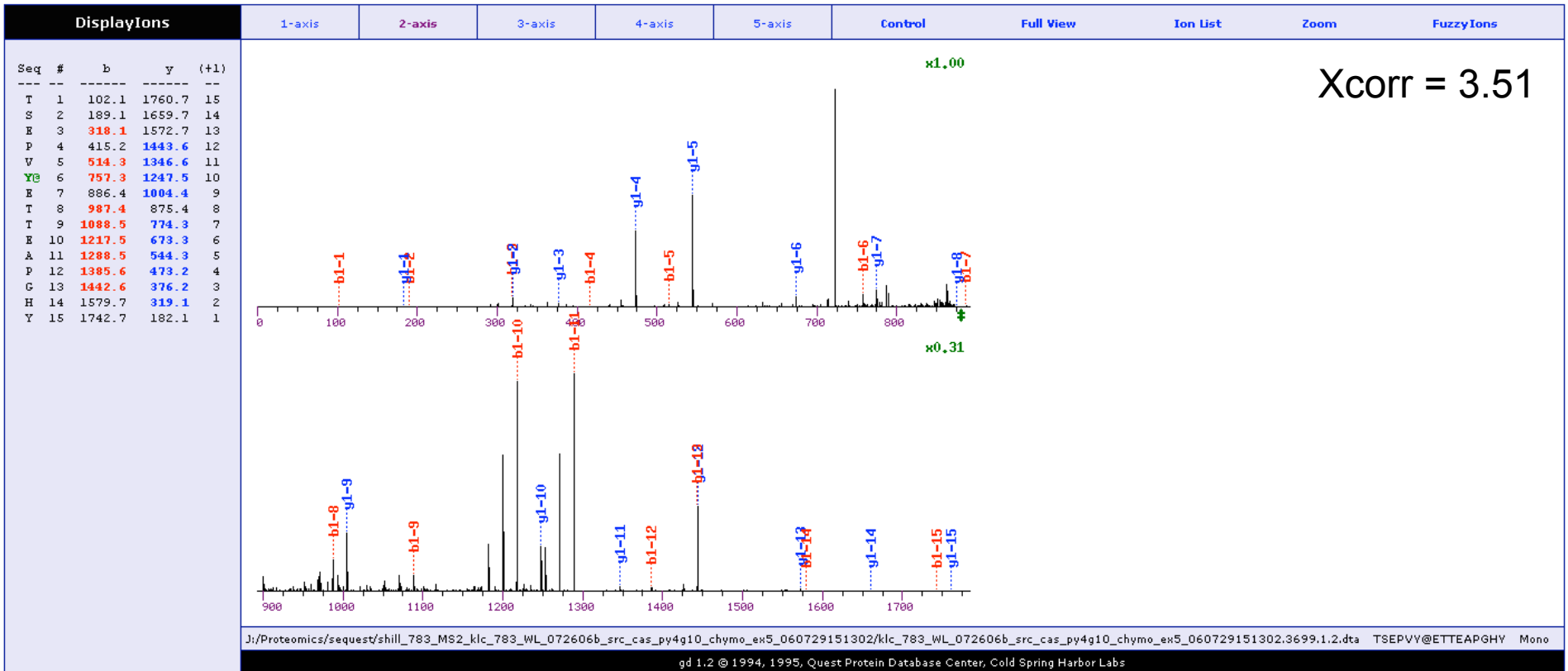
Cortactin pY466

Y.TSEPVY@ETTEAPGHY.Q



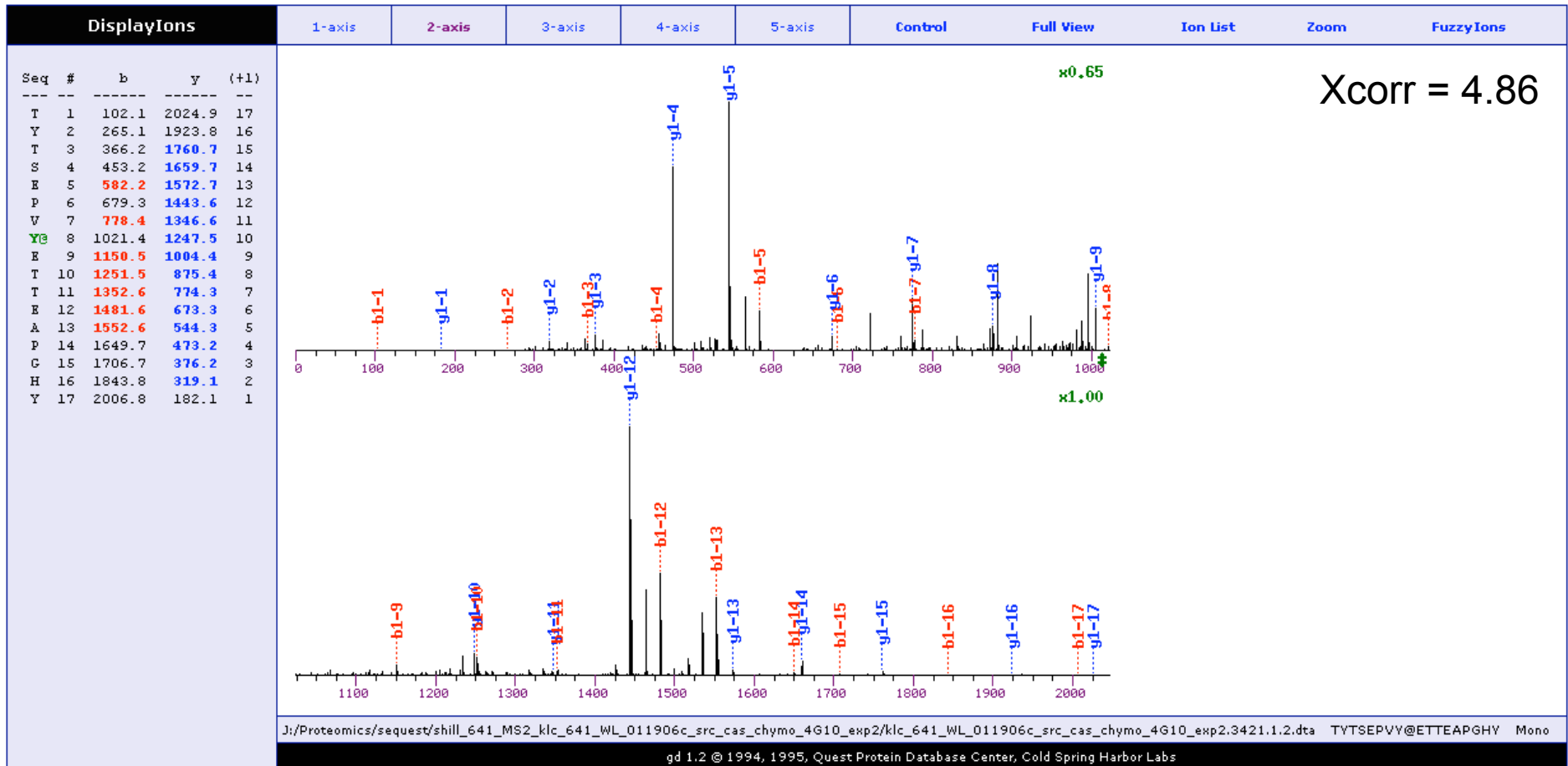
Cortactin pY466

Y.TSEPVIY@ETTEAPGHY.Q



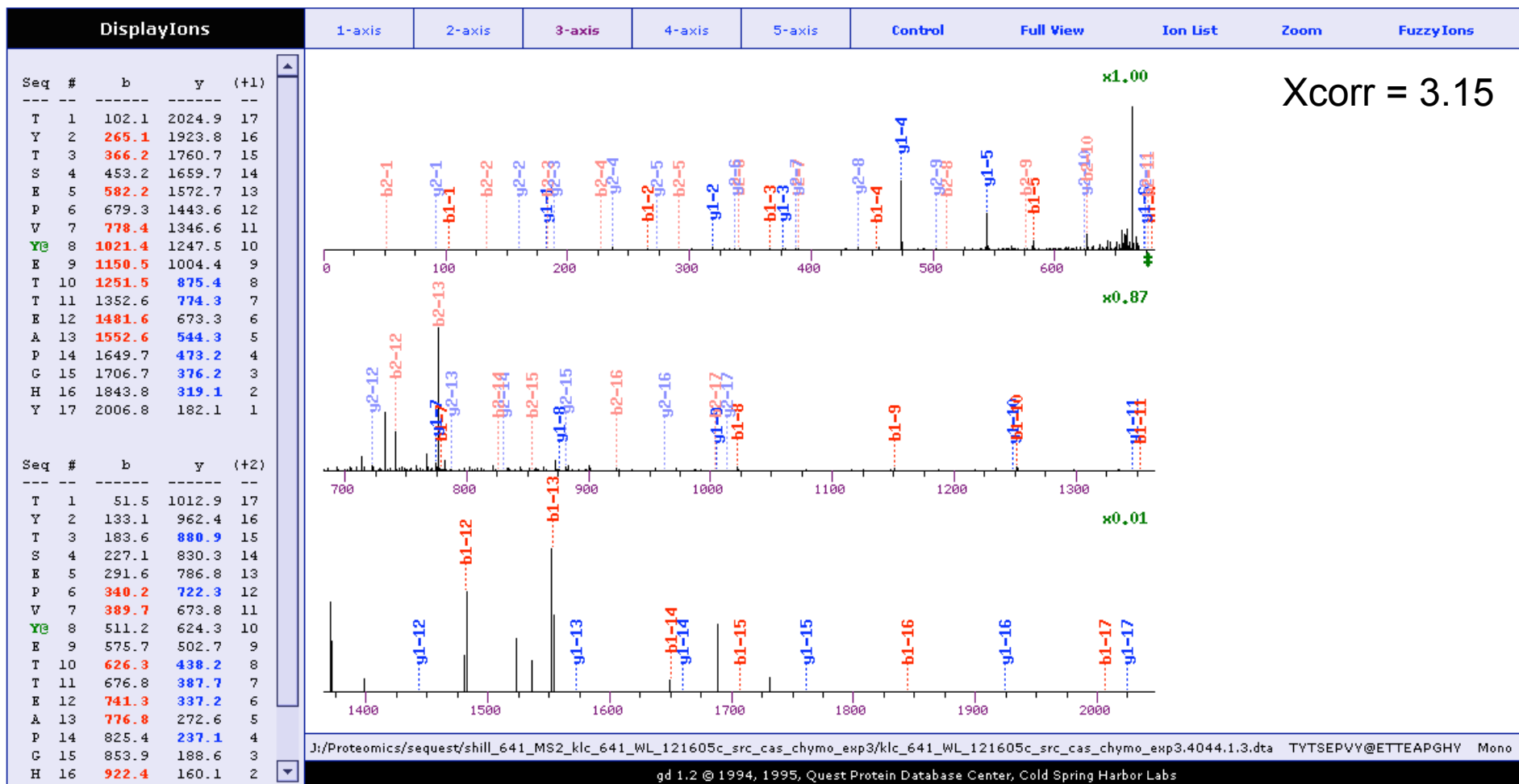
Cortactin pY466

L.TYTSEPVY@ETTEAPGHY.Q



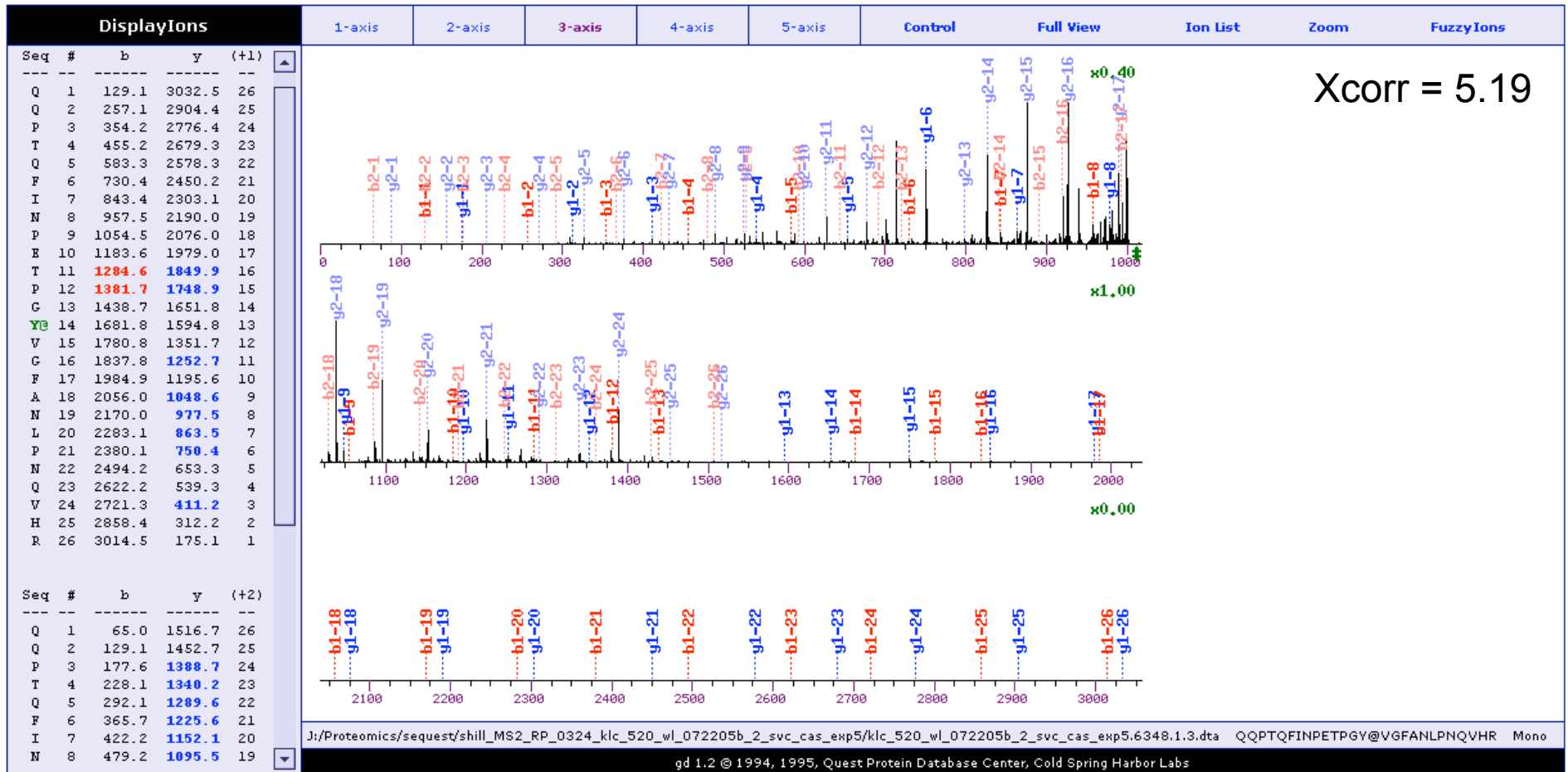
Cortactin pY466

L.TYTSEPVY@ETTEAPGHY.Q



Septin-2 pY17

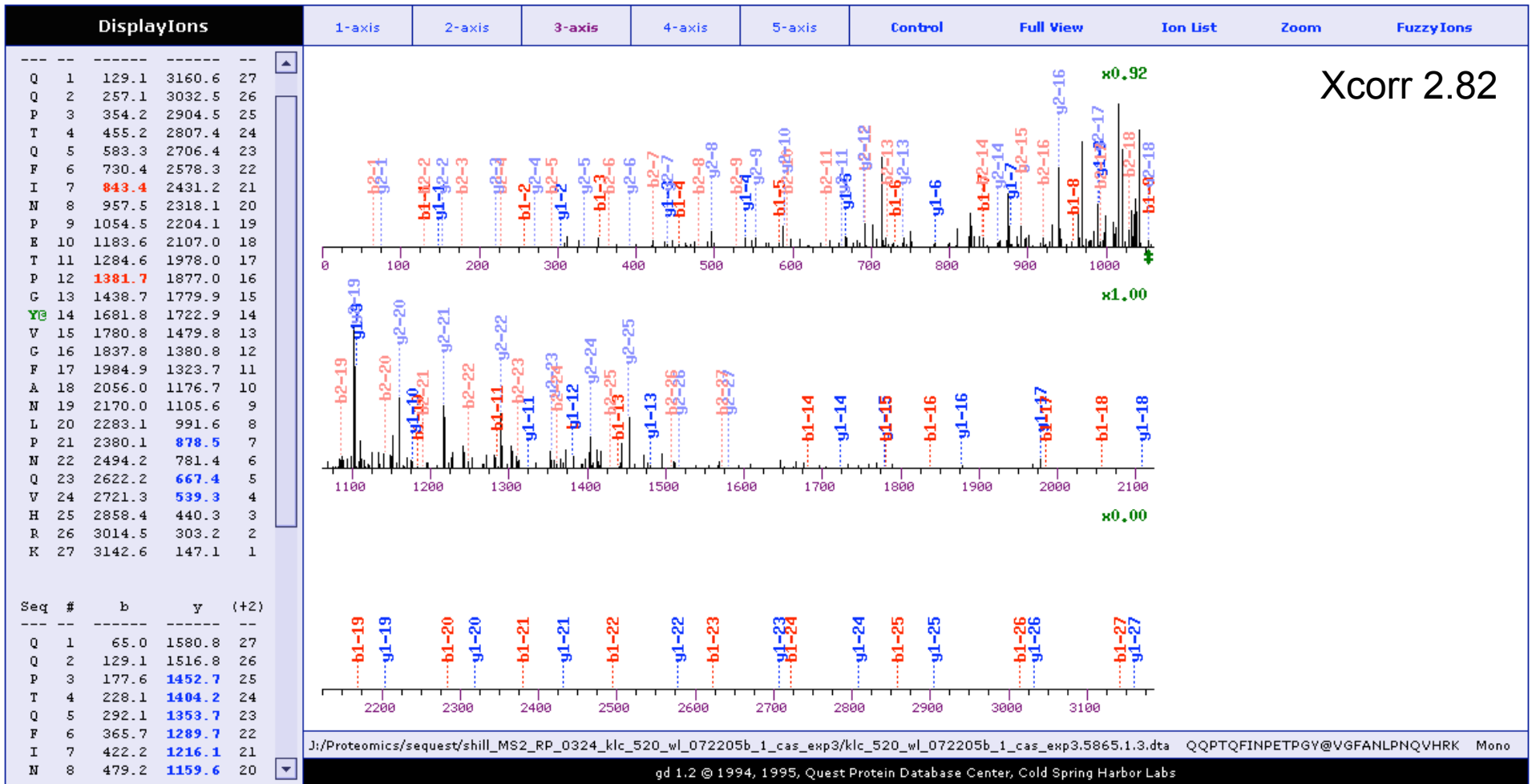
K.QQPTQFINPETPGY@VGFANLPNQVHR.K



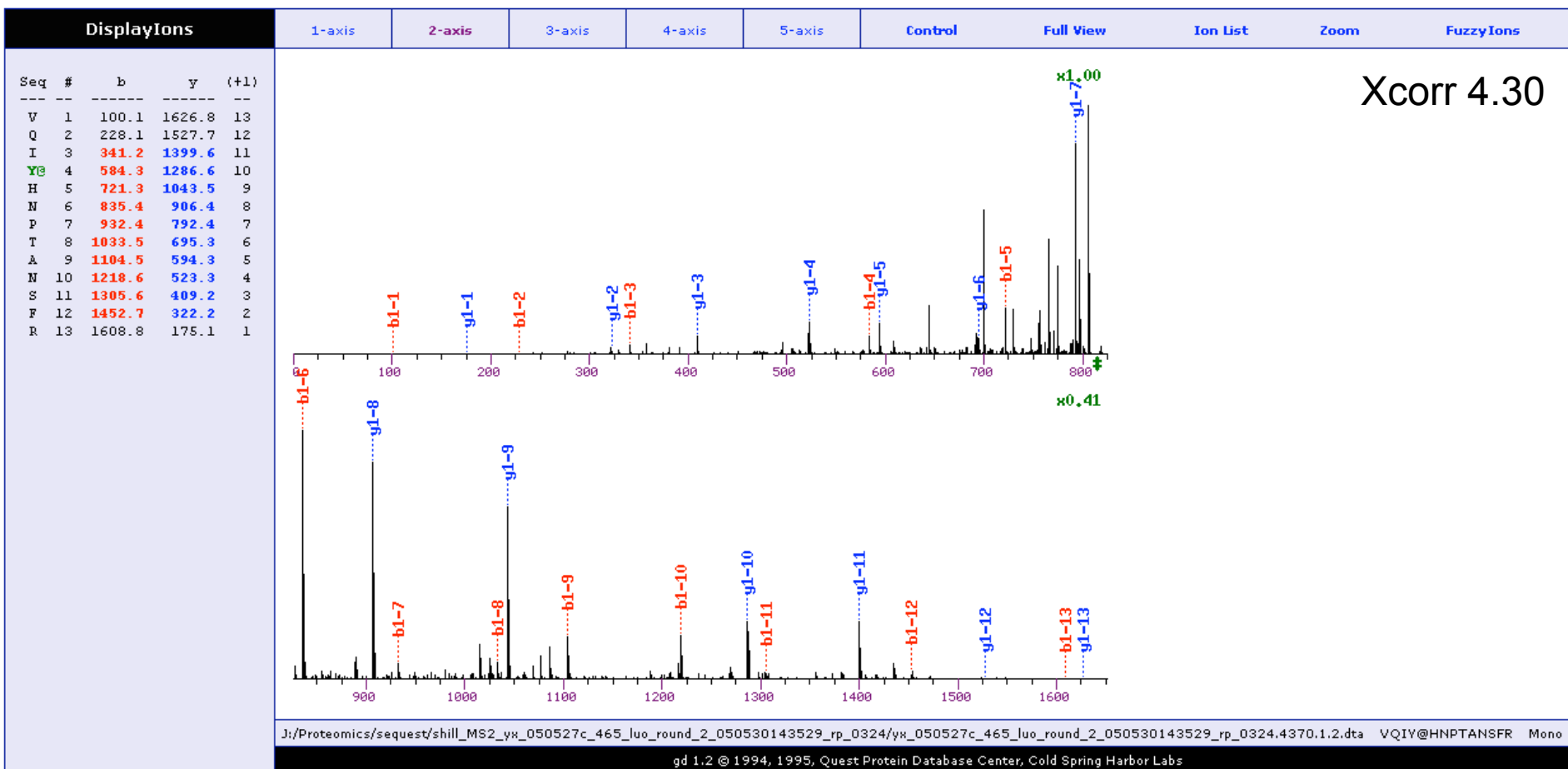
Septin-2 pY17

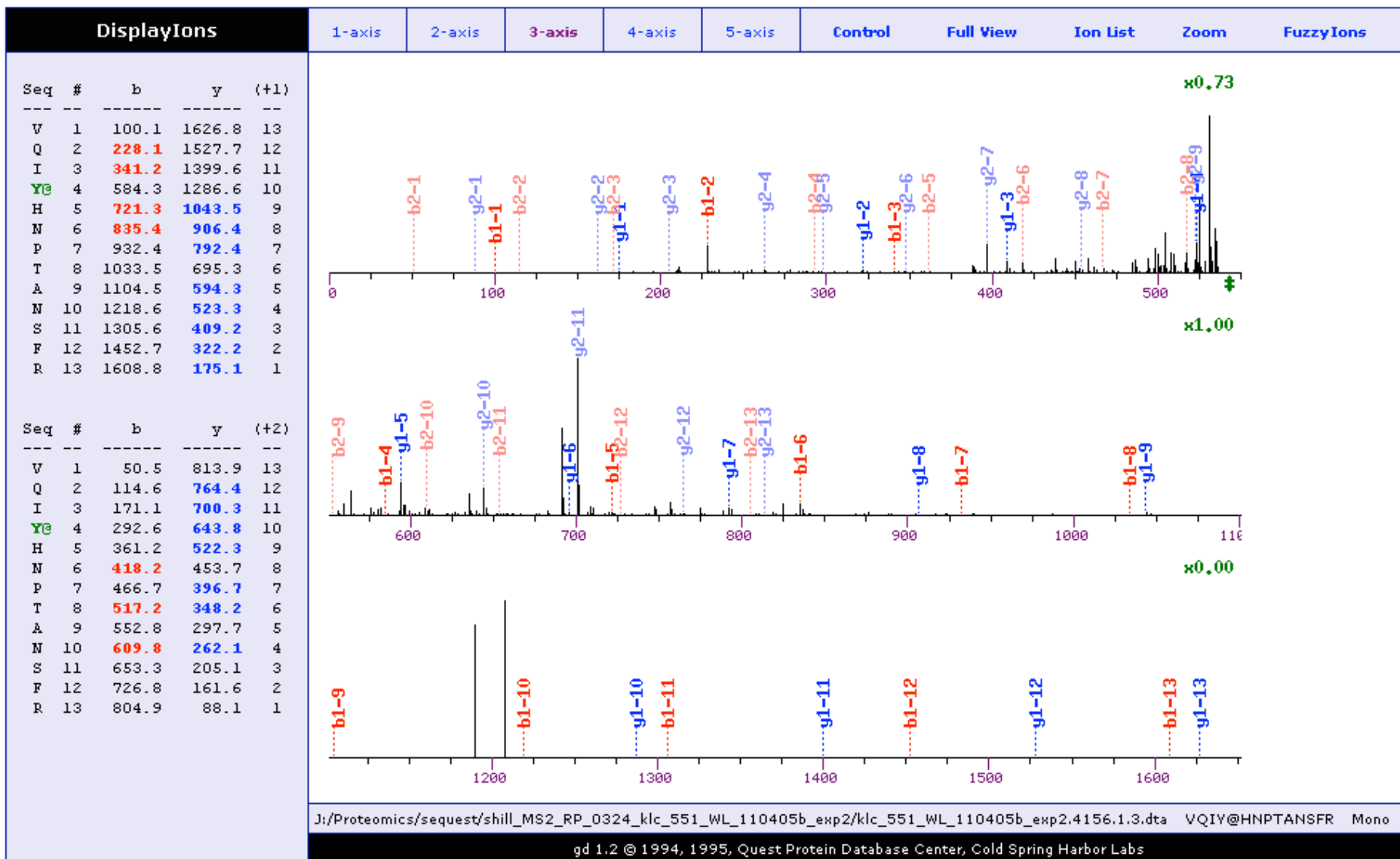
K.QQPTQFINPETPGY@VGFANLPNQVHRK.S

Xcorr 2.82



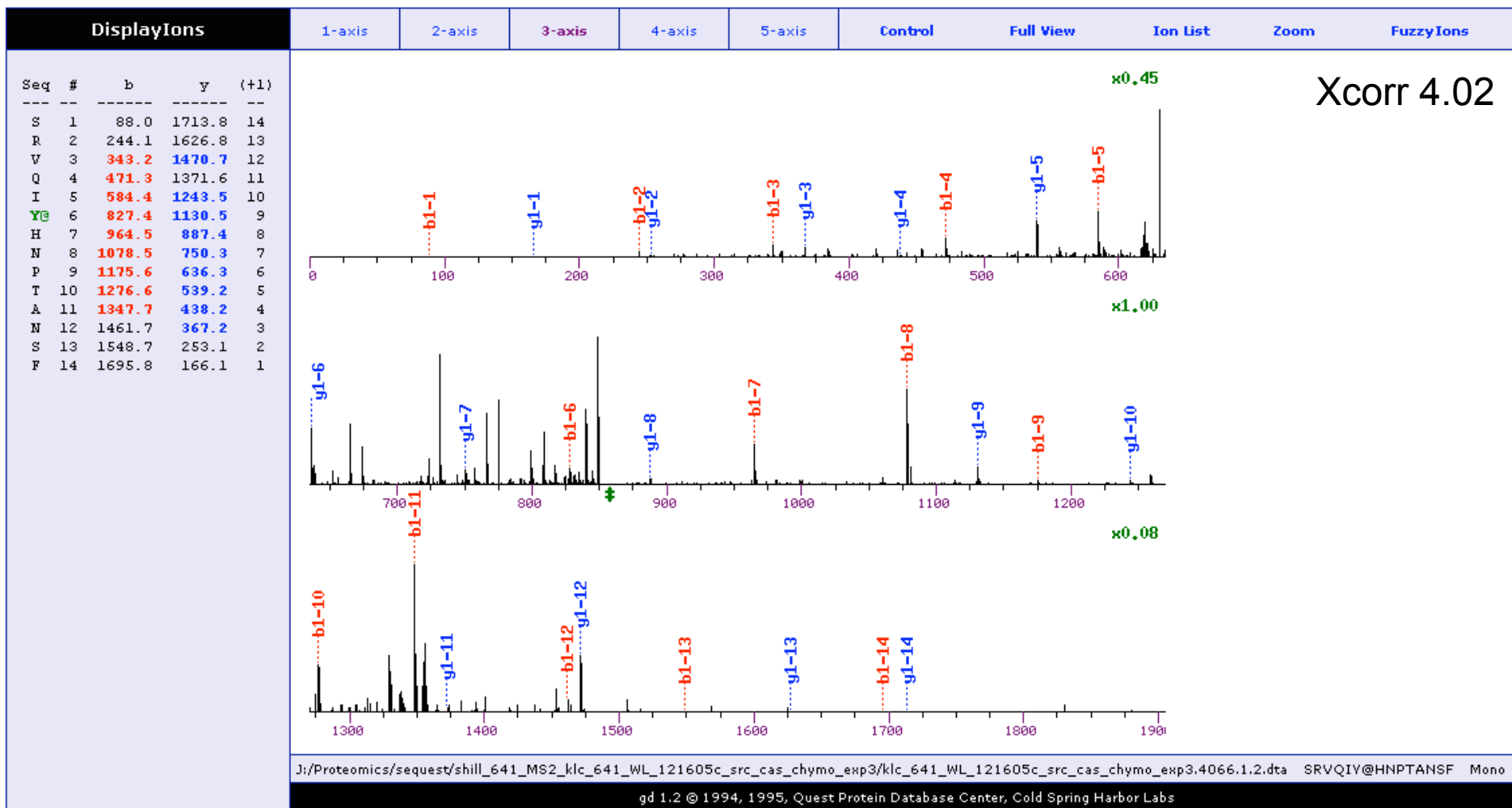
VASP pY39 R.VQIY@HNPTANSFR.V



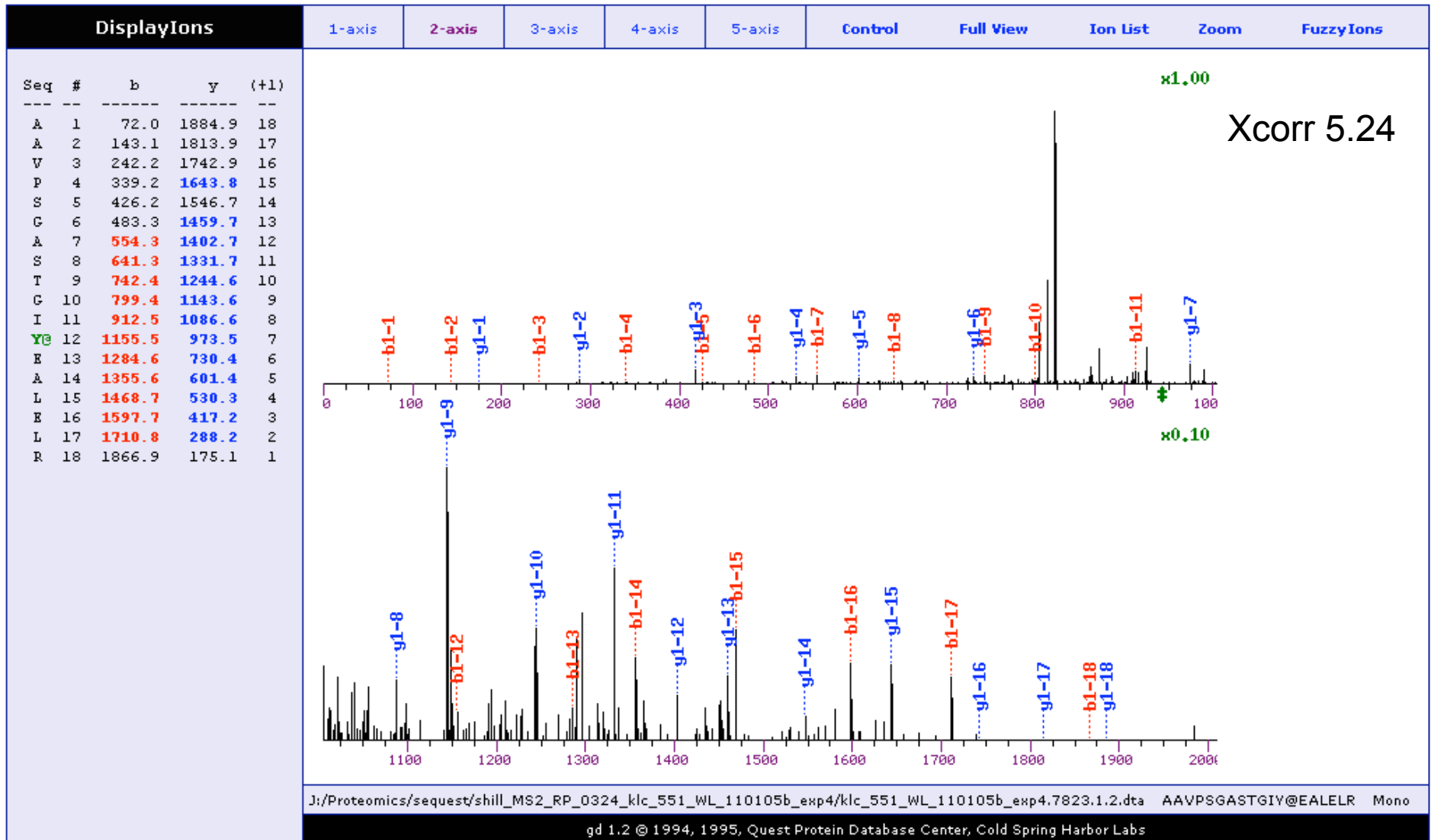


VASP pY39

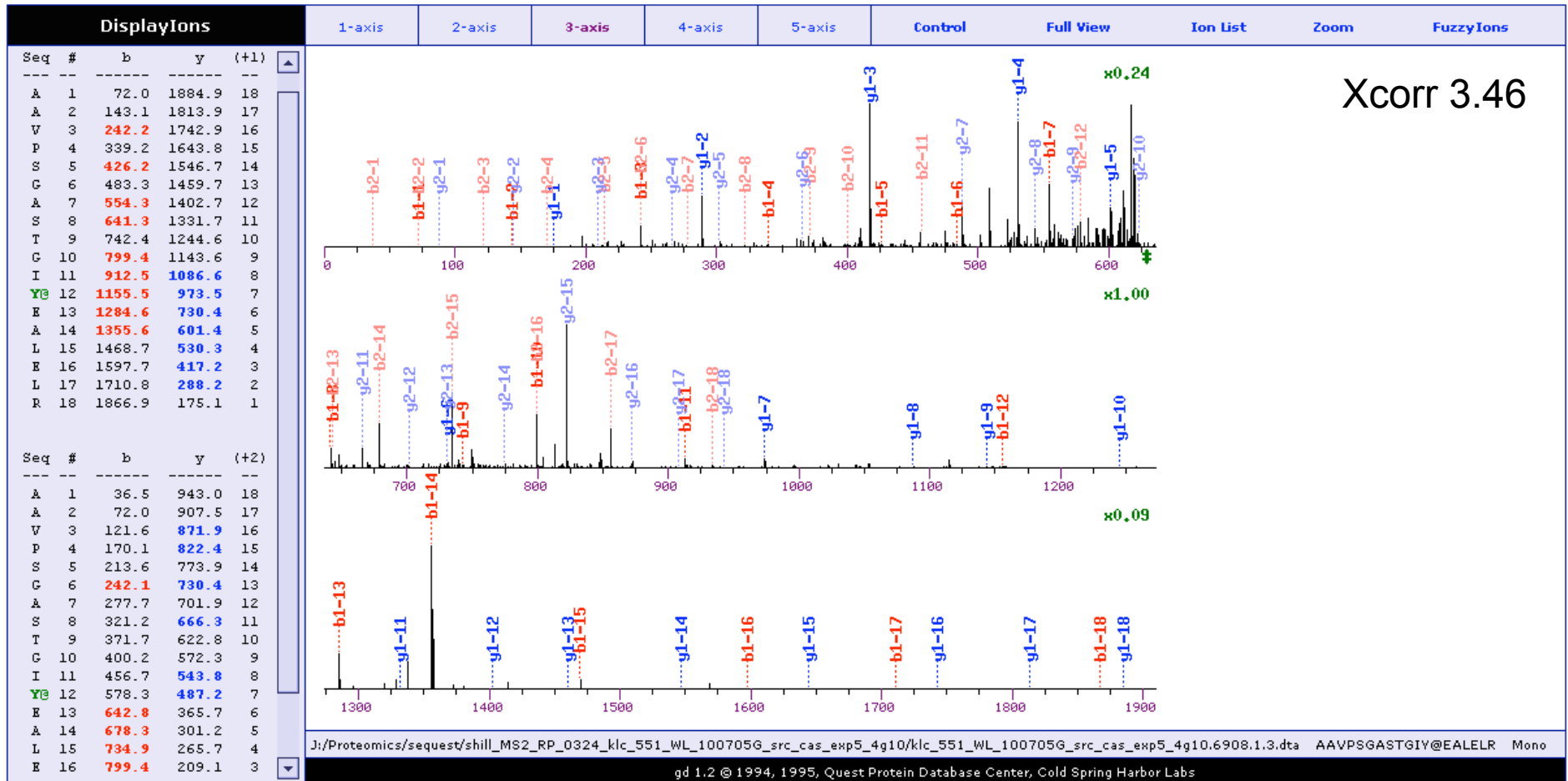
F.SRVQIY@HNPTANSF.R



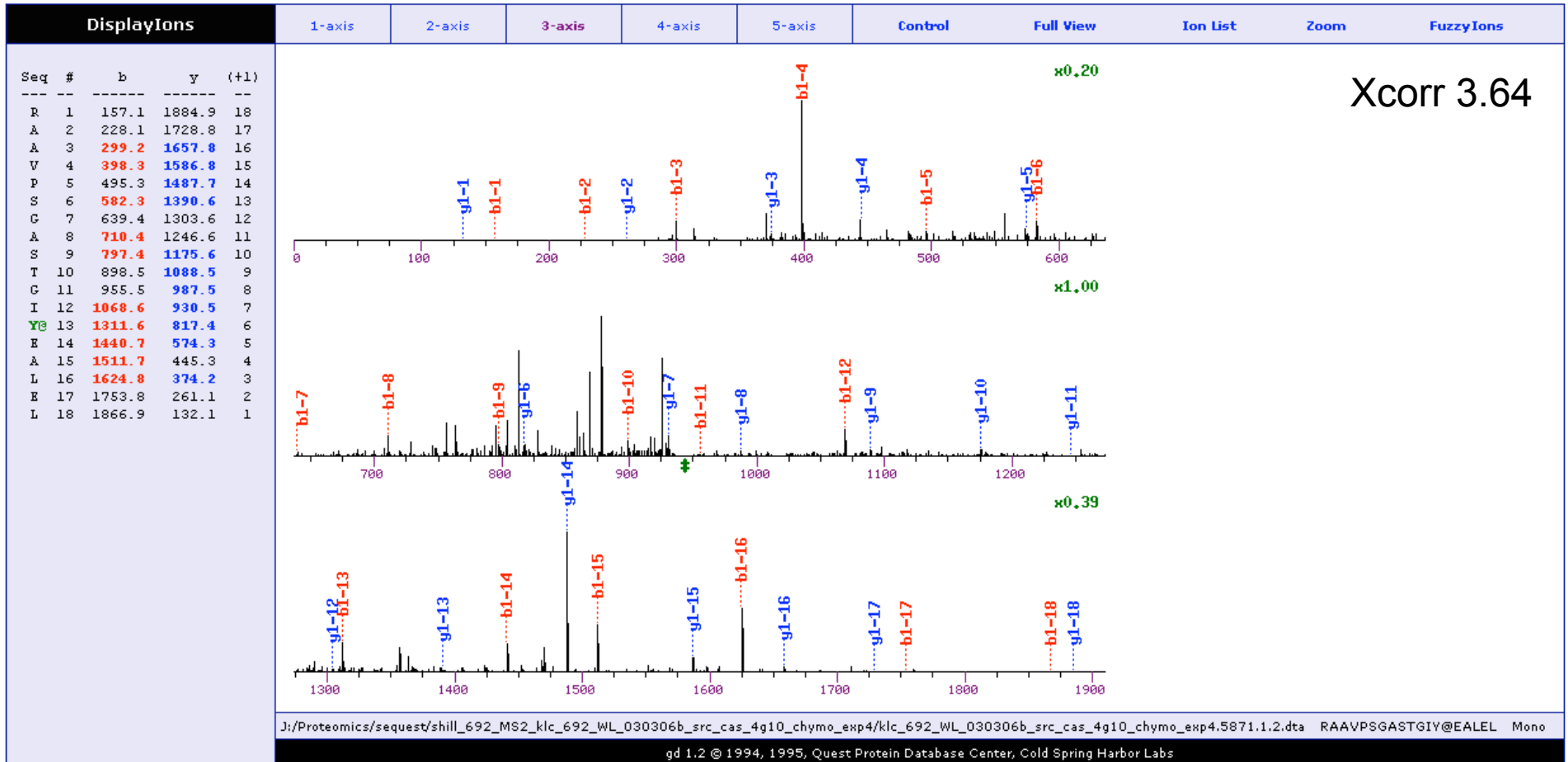
Enolase alpha pY43 R.AAVPSGASTGIY@EALELR.D



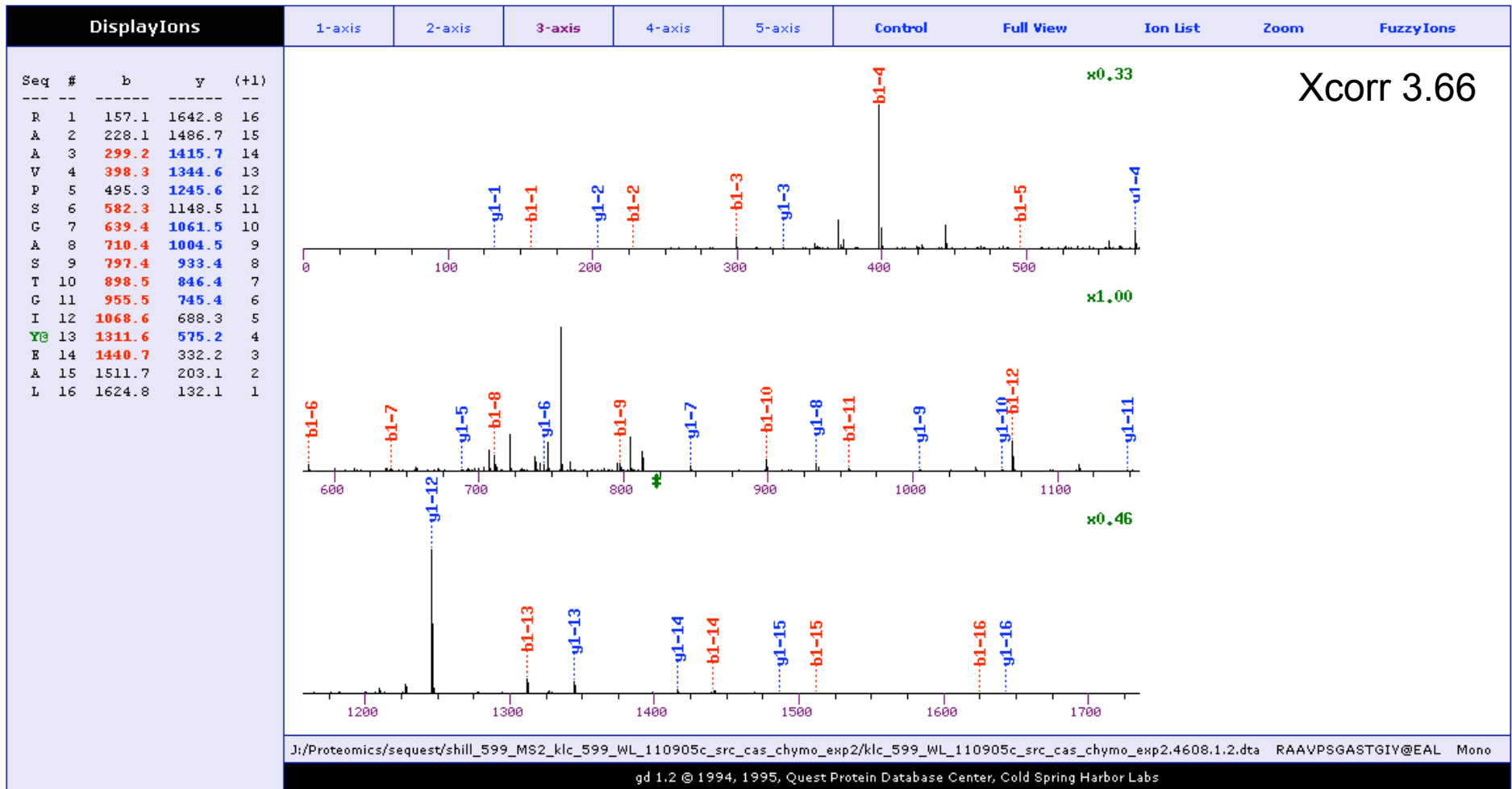
Enolase alpha pY43 R.AAVPSGASTGIY@EALELR.D



Enolase alpha pY43 F.RAAVPSGASTGIY@EALEL.R

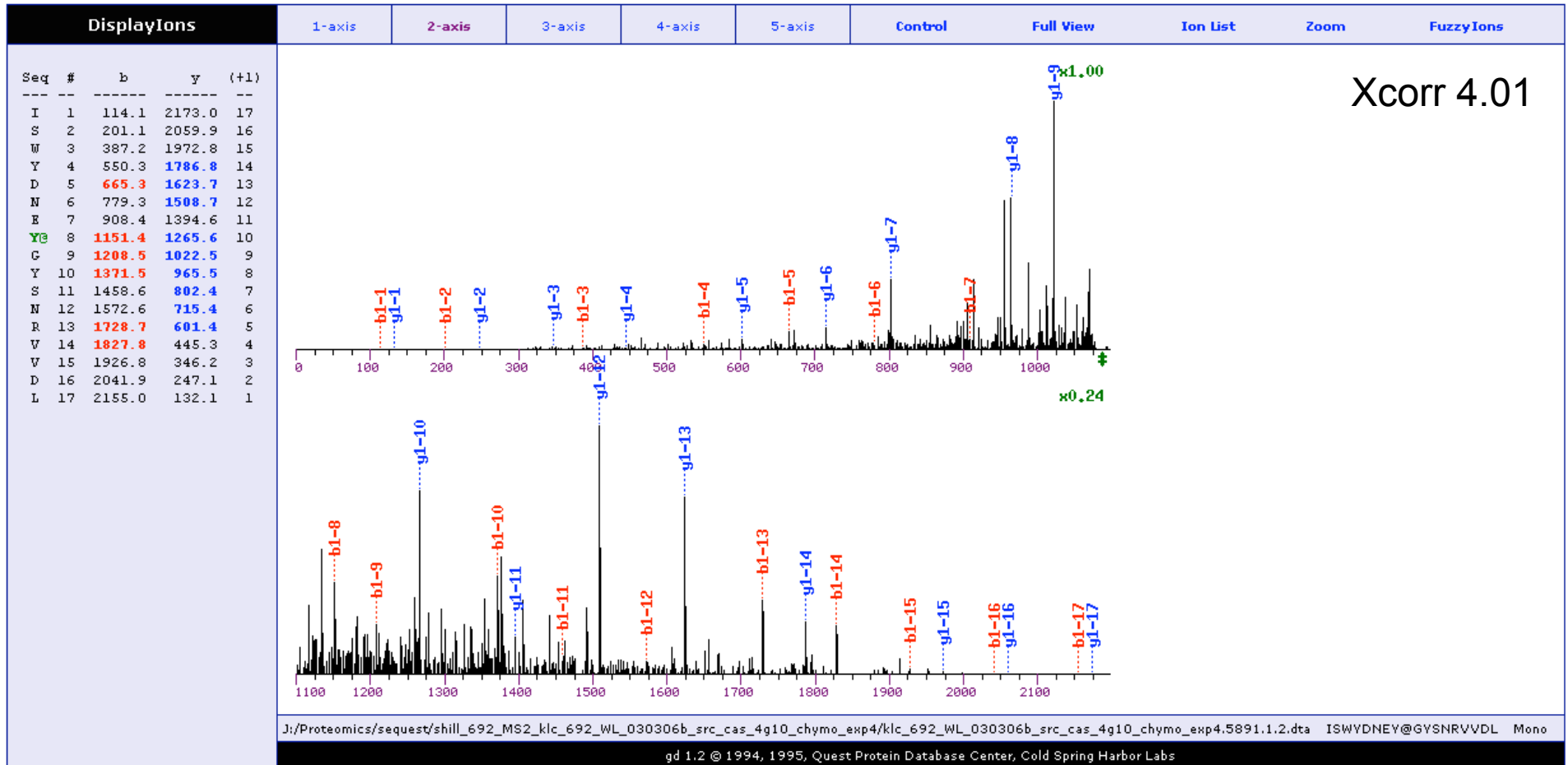


Enolase alpha pY43 F.RAAVPSGASTGIY@EAL.E

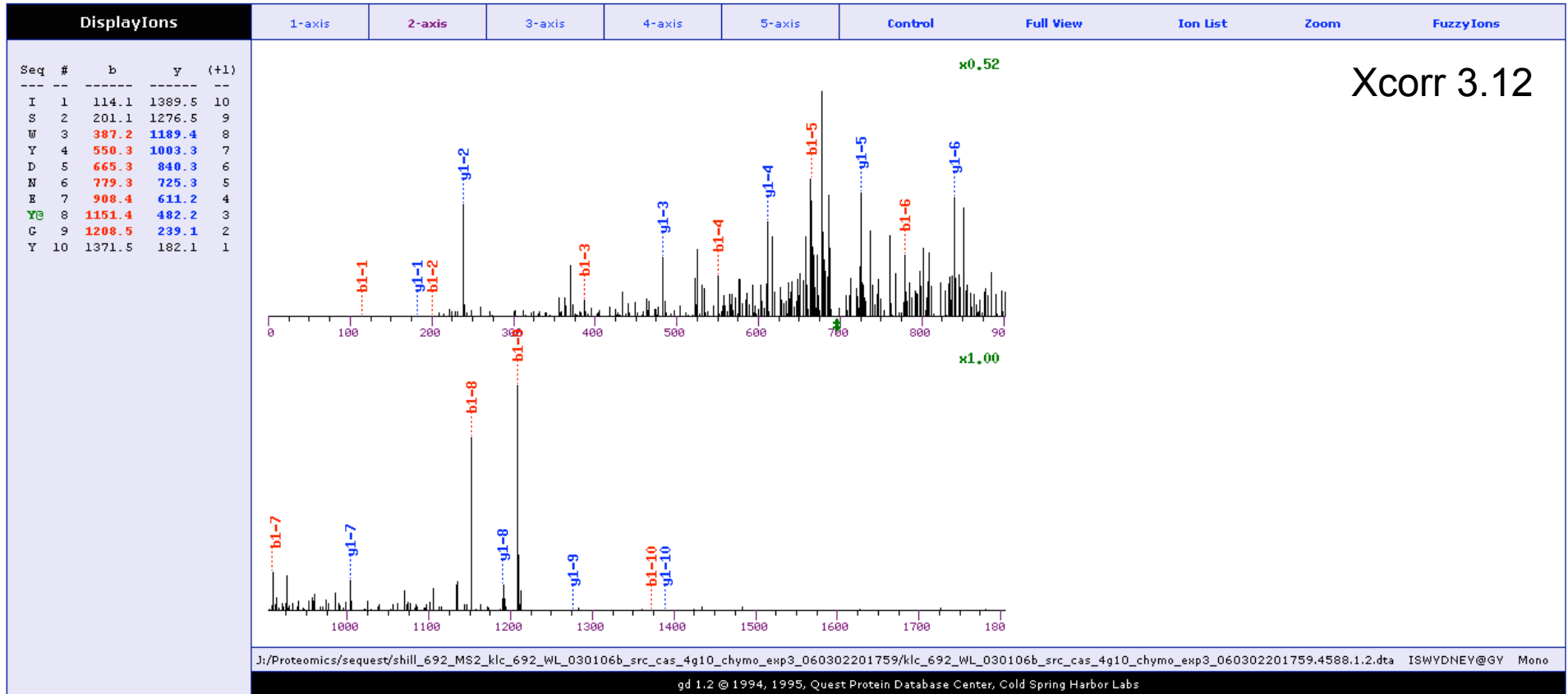


GAPDH pY315

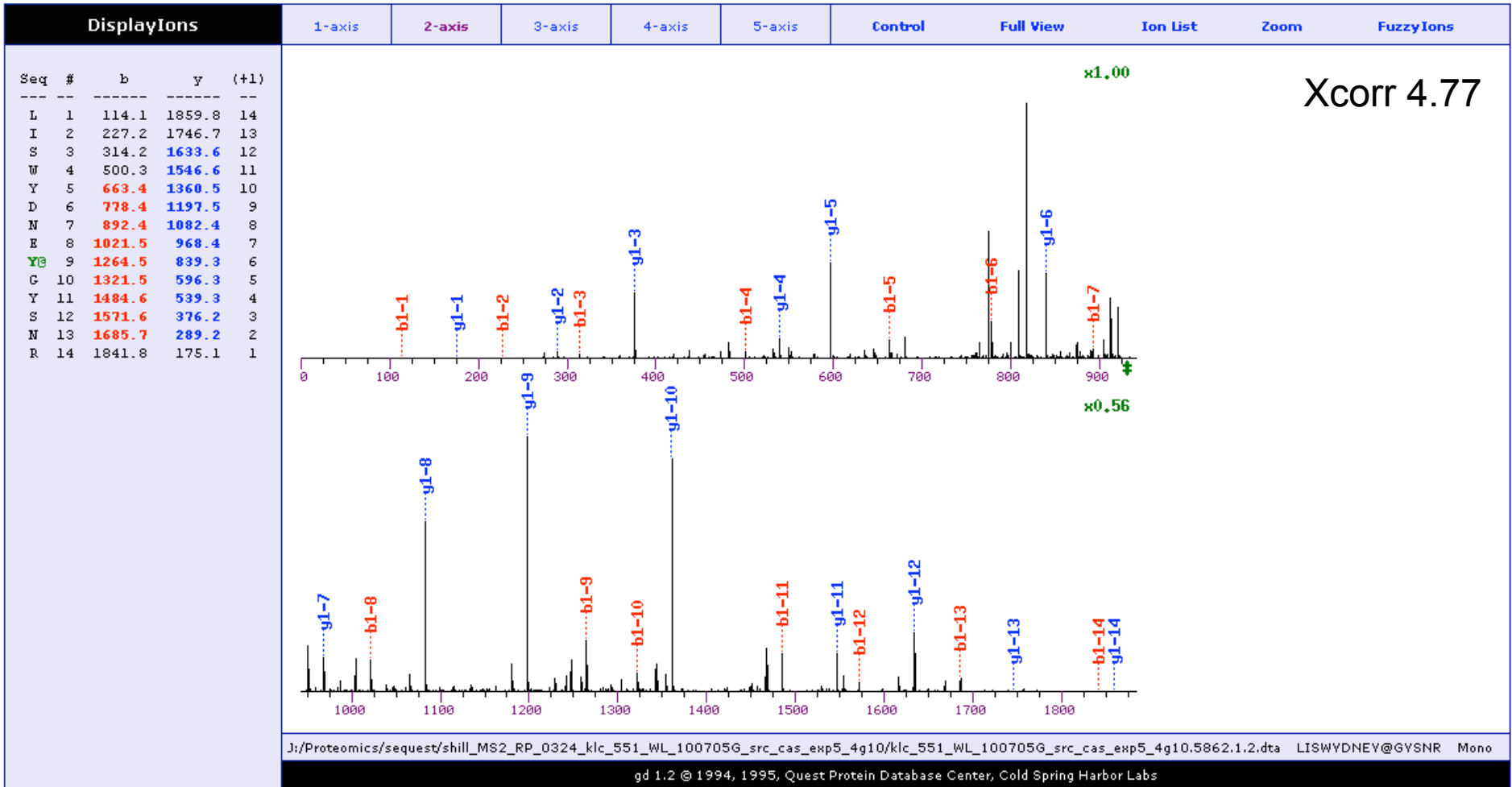
L.ISWYDNEY@GYSNRVVDL.M



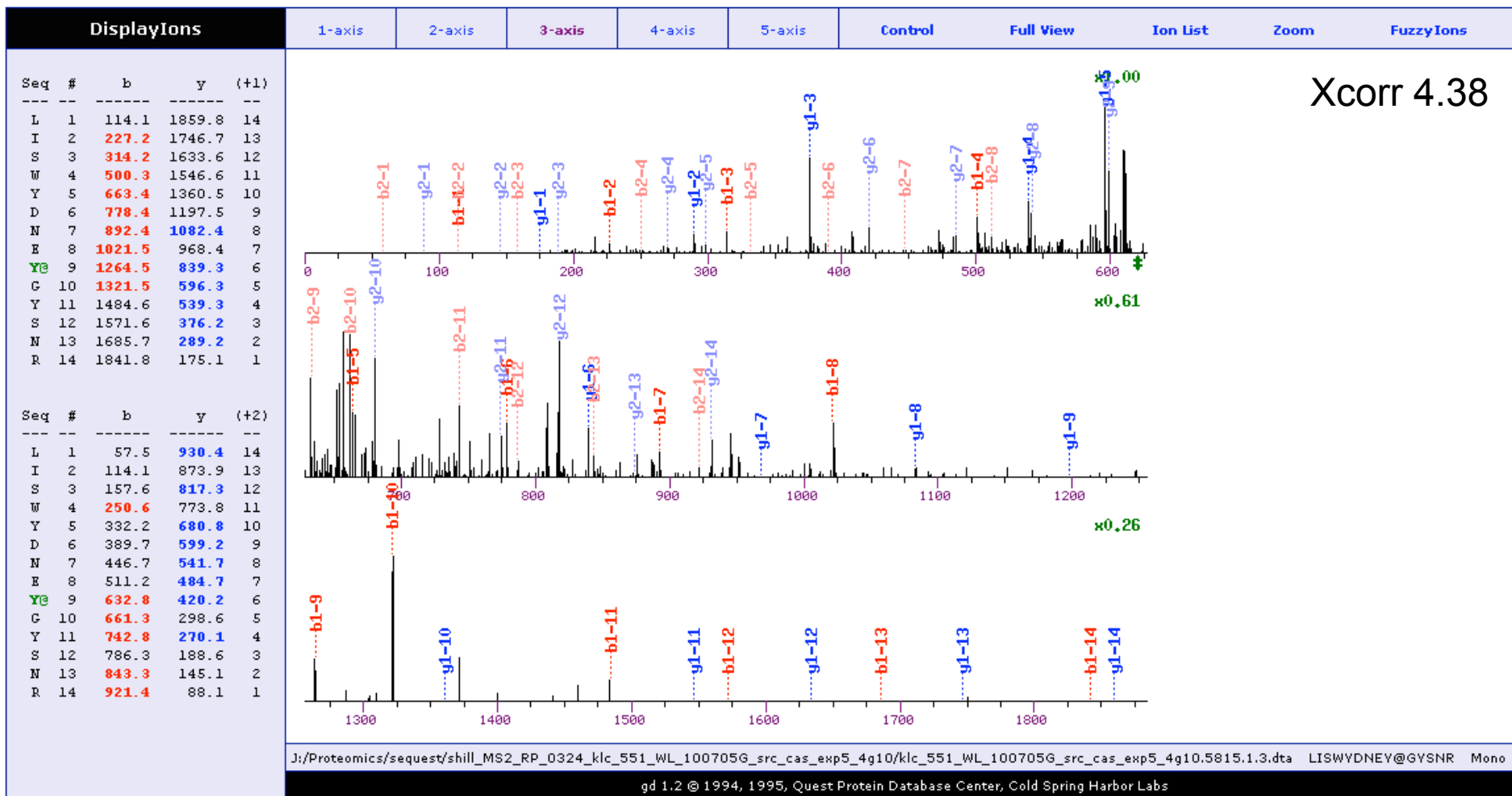
GAPDH pY315 L.ISWYDNEY@GY.S



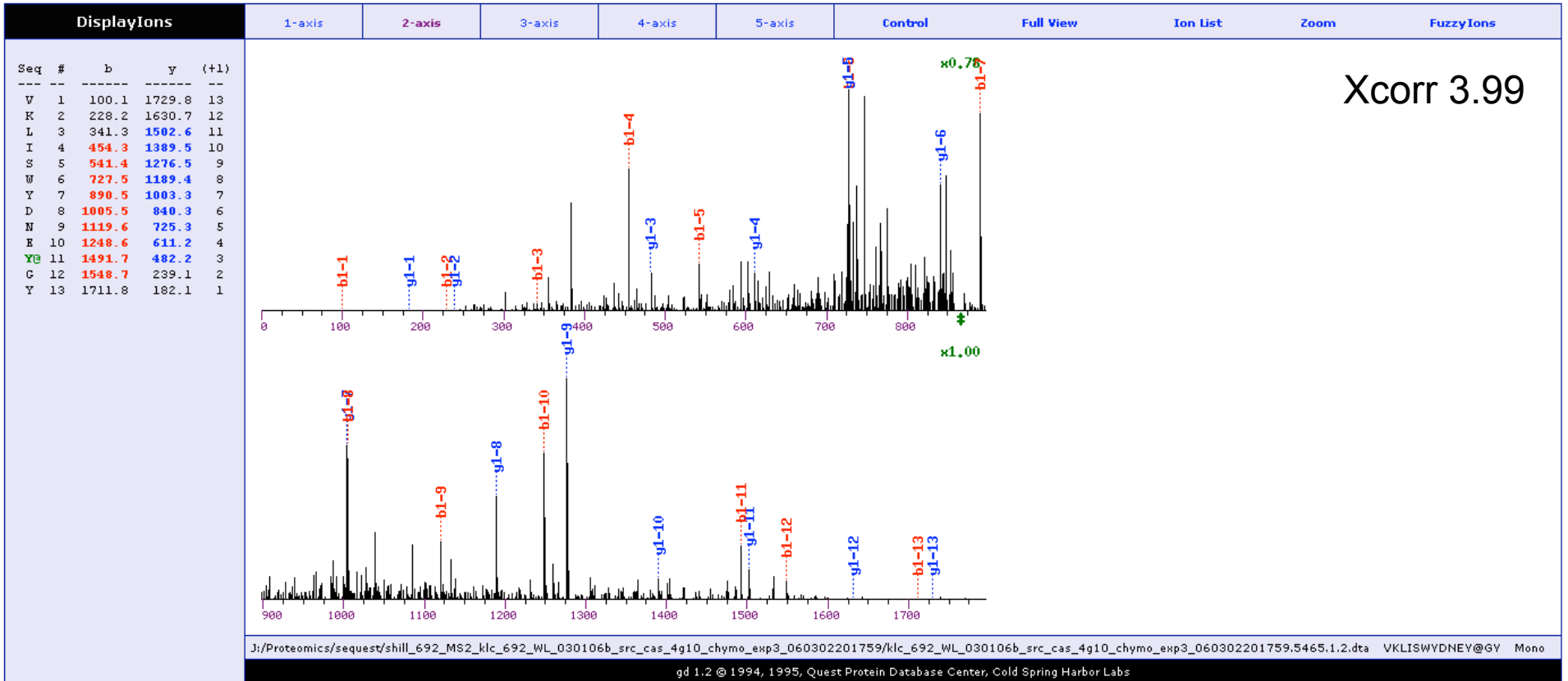
GAPDH pY315 K.LISWYDNEY@GYSNR.V



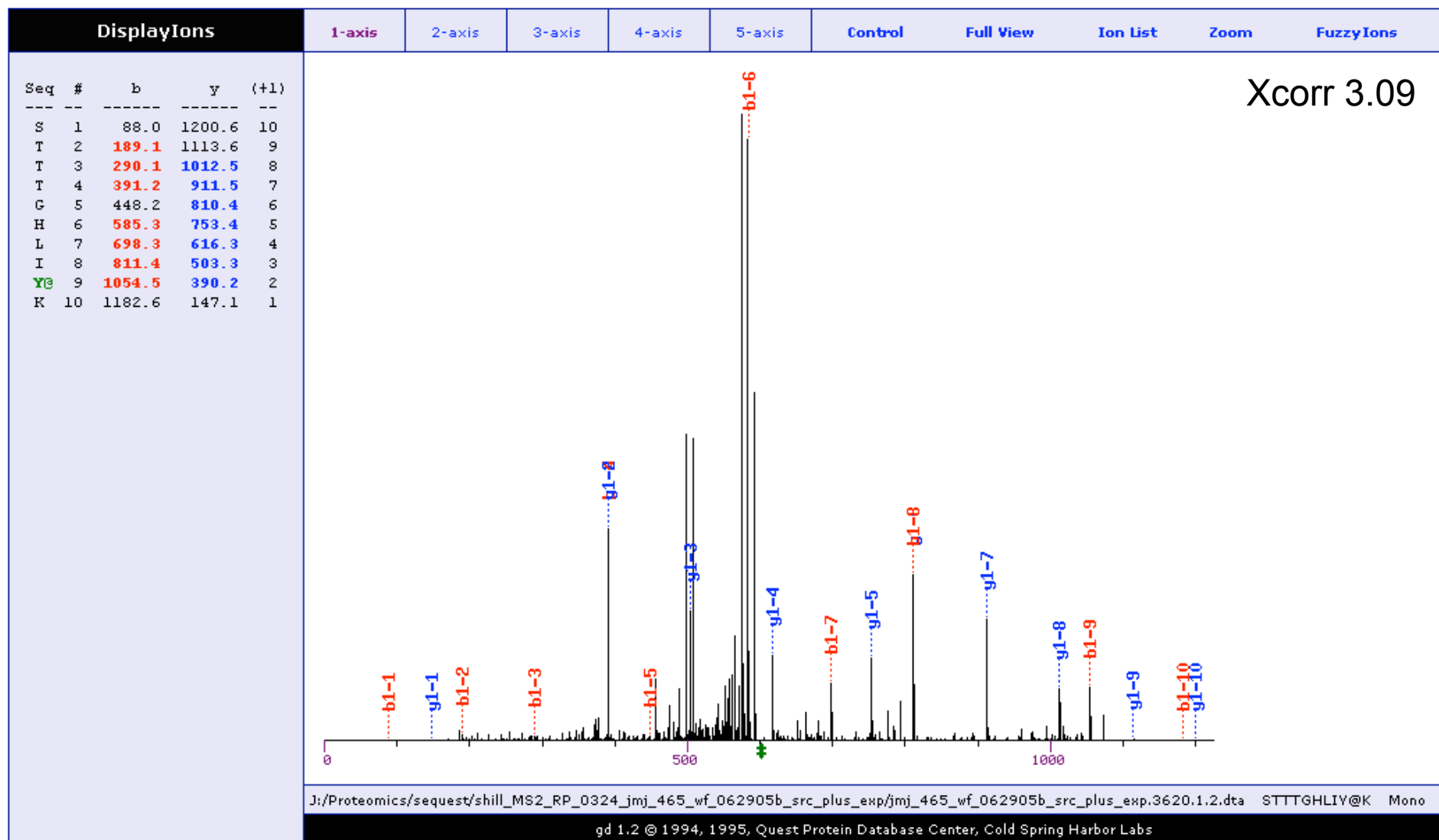
GAPDH pY315 K.LISWYDNEY@GYSNR.V



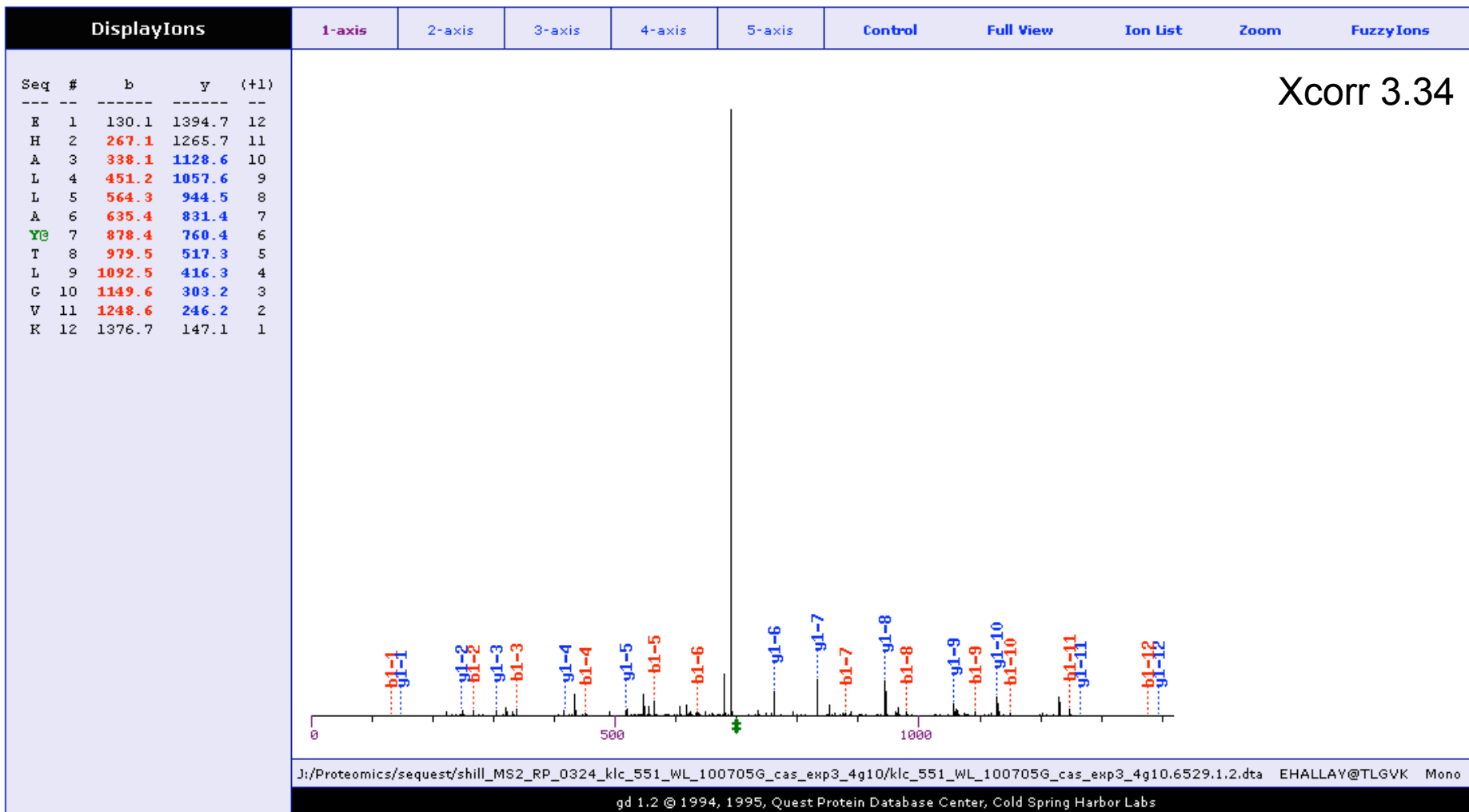
GAPDH pY315 F.VKLISWYDNEY@GY.S



eEF1A-1 pY29 K.STTTGHLIY@K.C



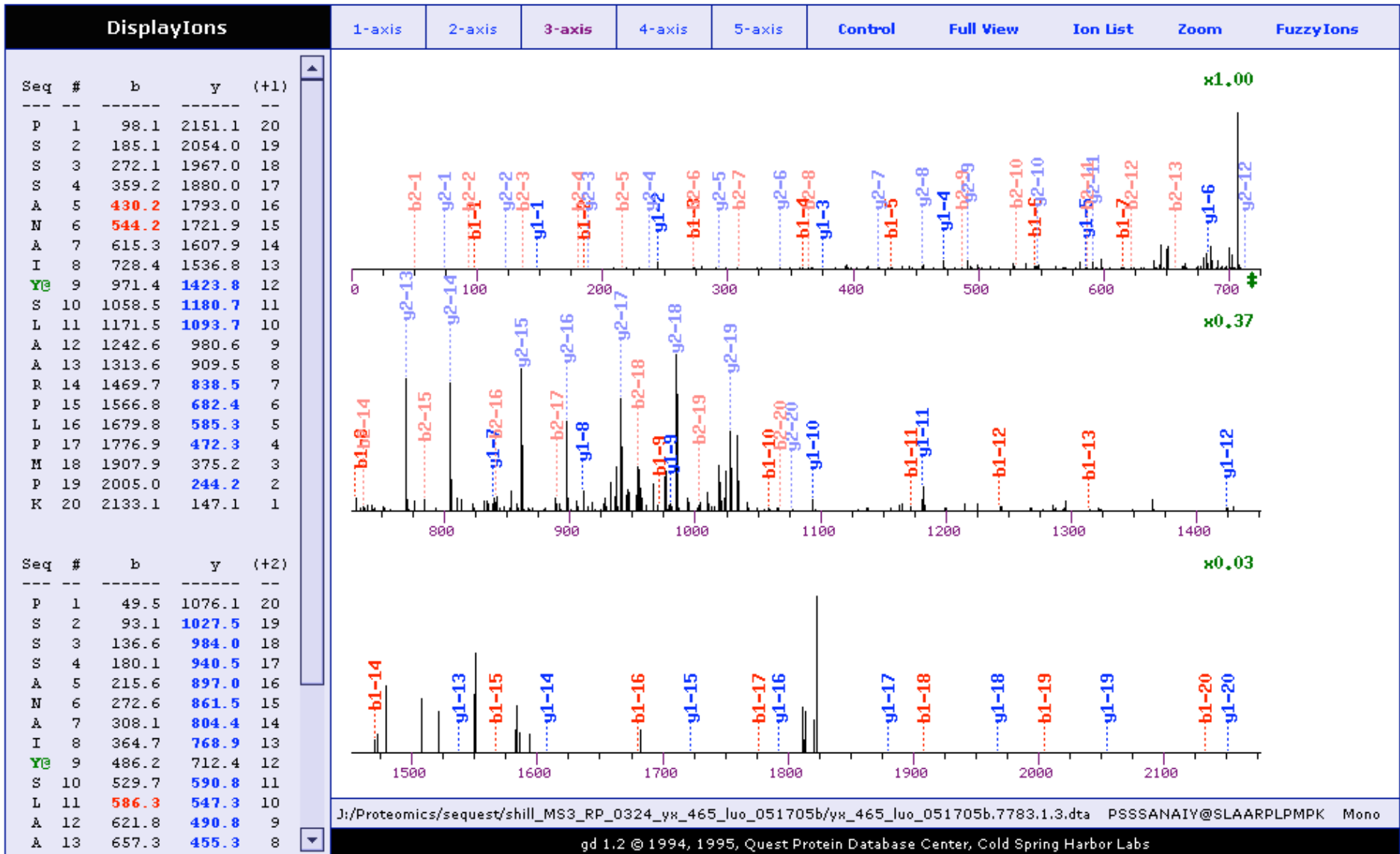
eEF1A-1 pY141 R.EHALLAY@TLGVK.Q



Cbl pY672

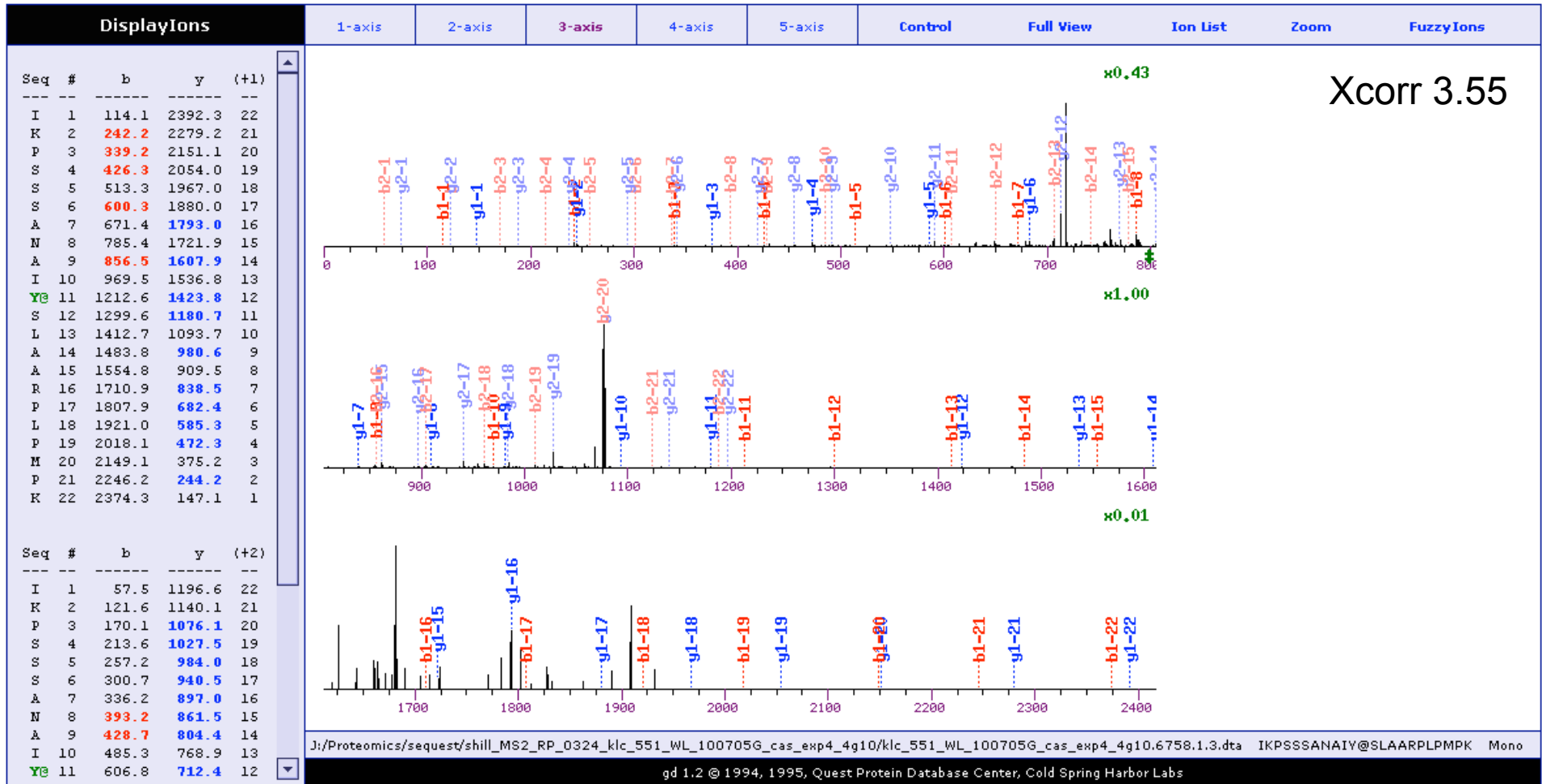
K.PSSSANAIY@SLAARPLMPK.L

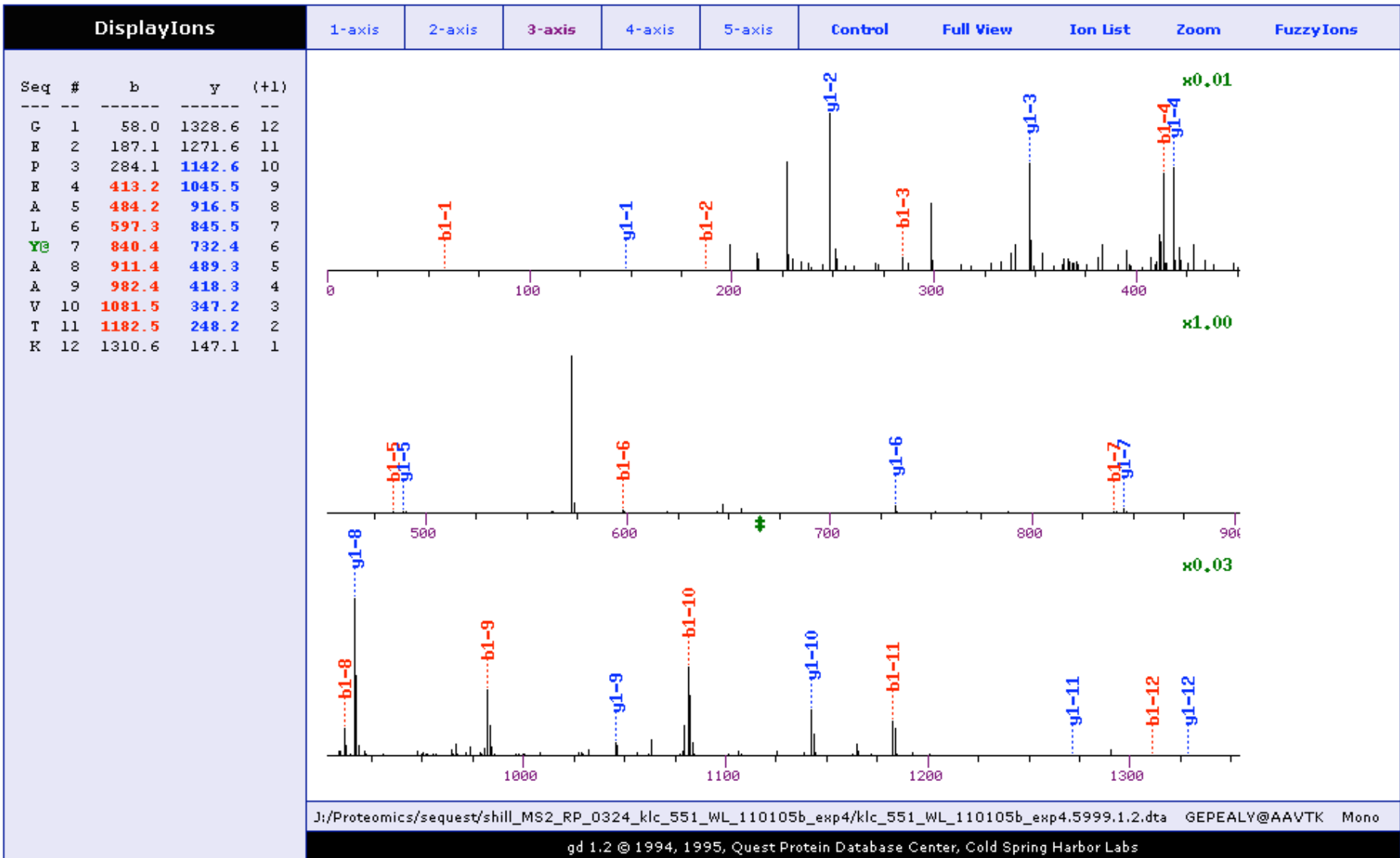
Xcorr 4.45



Cbl pY672

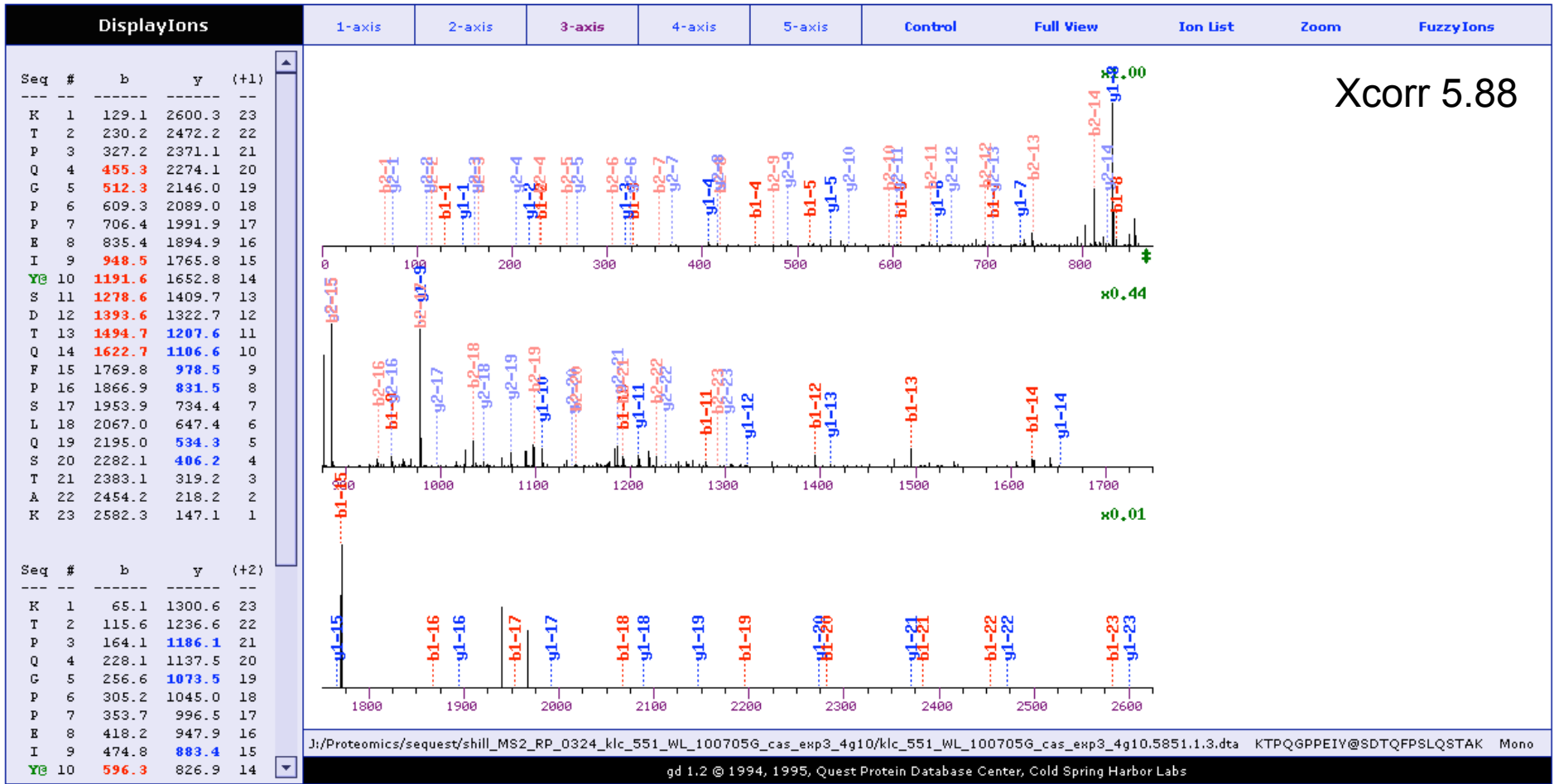
K.IKPSSSANAIY@SLAARPLMPK.L





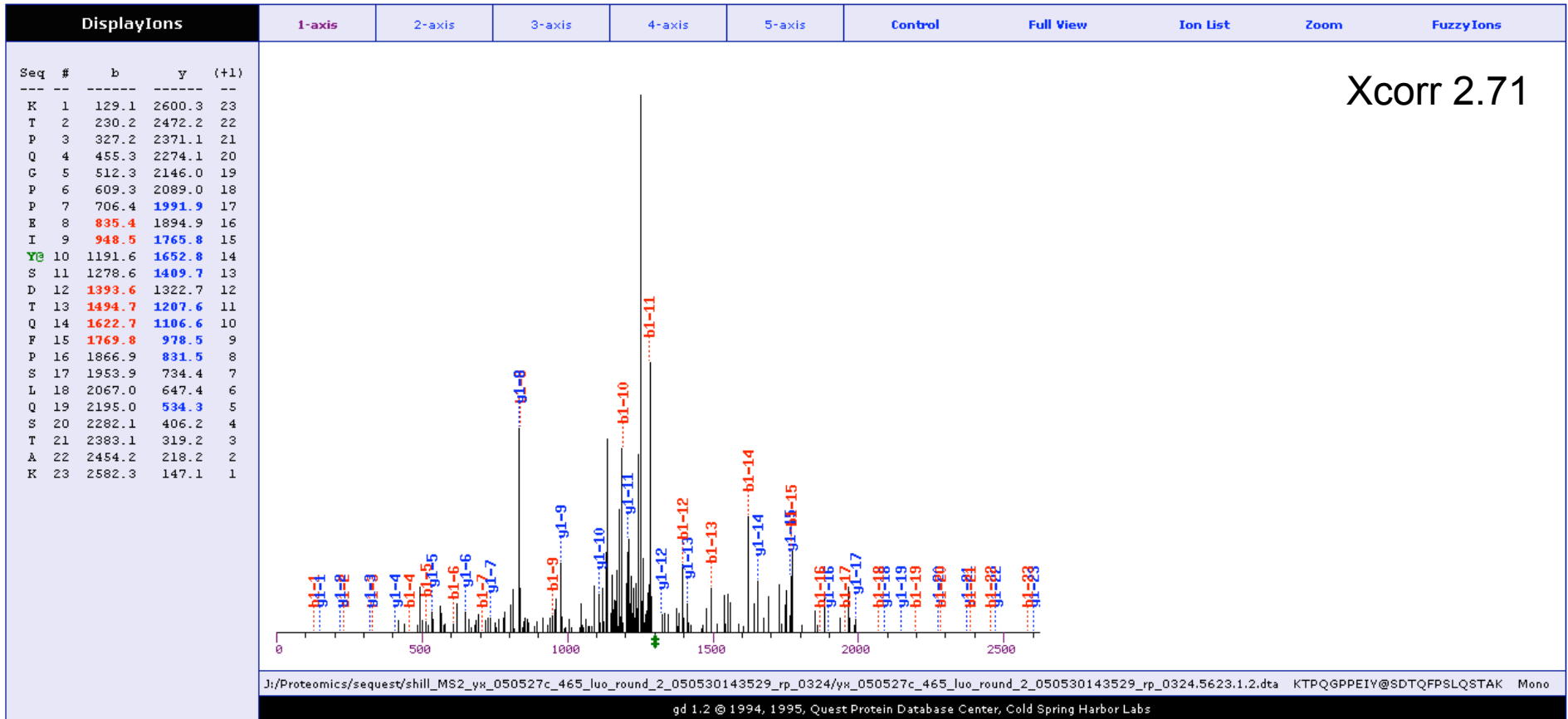
CDV3A pY213

R.KTPQGPPEIY@SDTQFPSLQSTAK.H

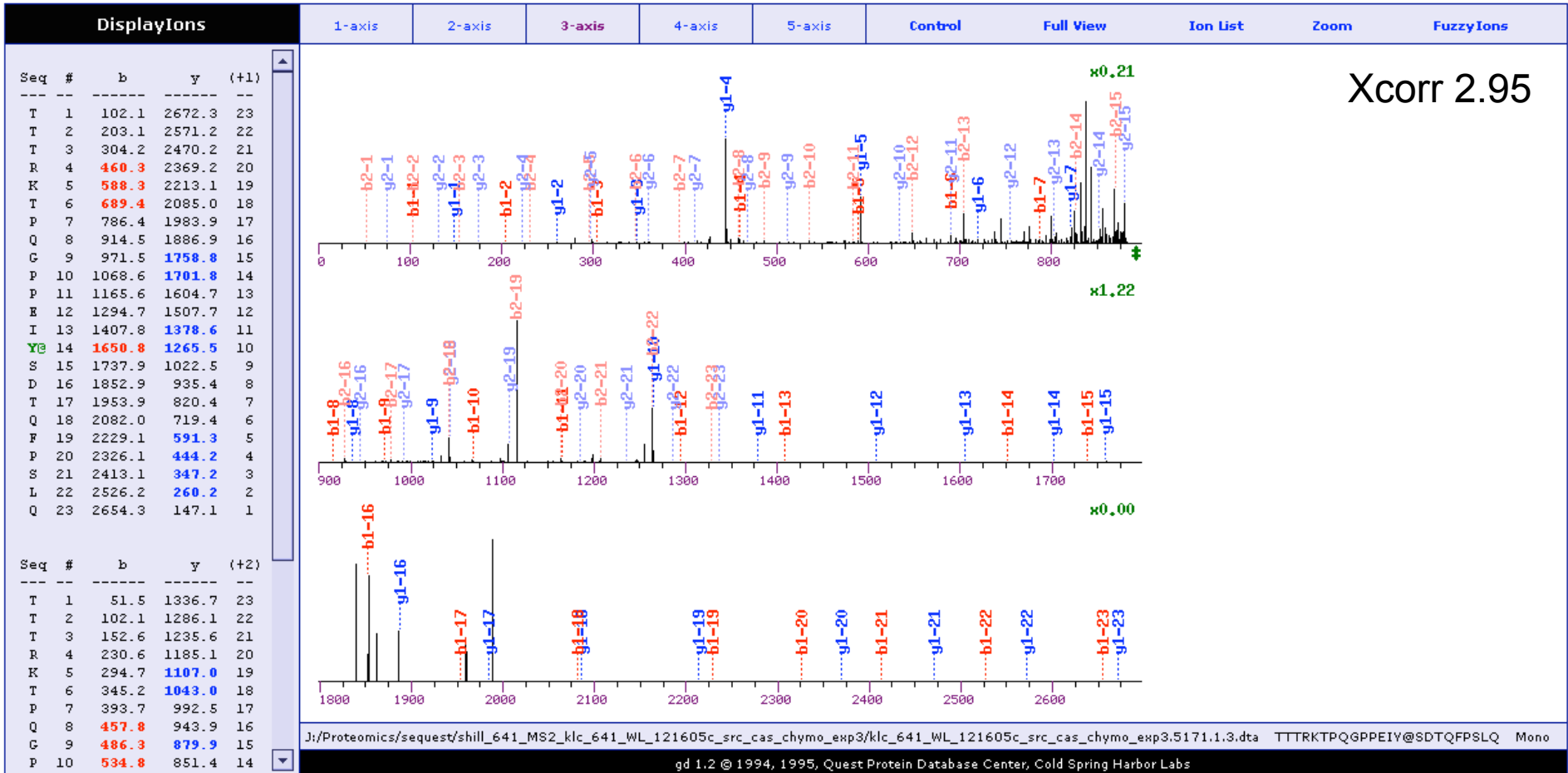


CDV3A pY213

R.KTPQGPPEIY@SDTQFPSLQSTAK.H



CDV3A pY213 L.TTTRKTPQGPPEIY@SDTQFPSLQ.S



sim. Oligophrenin-1 pY371

R.KLWLEAMDGKEPIY@TLPALISK.K

Xcorr 4.65

