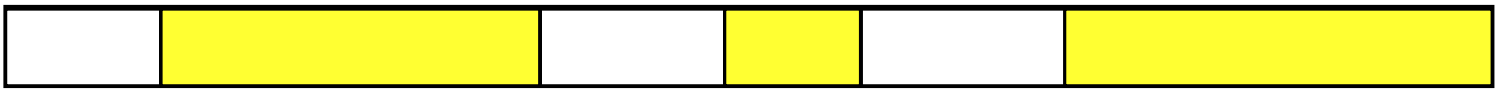
SRF File: C:\Xcalibur\sequest\ID2mp344g.srf
Database... indexed - nr.fasta.hdr
Filter(s)... xc (± 1,2,3)=1.50,2.00,2.50 ; peptide probability<=5e-002

Reference Scan(s)	Sequence	MH+	z	P P	Score XC	Coverage DeltaCn	Sp	Accession RSp	Ions	Count
interleukin 1 beta [Homo sapiens]				4e-005	70.2	63.4	2905622			
622	K.DDKPTLQLESVDPK.N	1584.81	3	4e-005	3.695	0.191	1452.5	1	26/52	25
626	K.DDKPTLQLESVDPK.N	1584.81	3	0.002	3.425	0.133	1800.5	1	26/52	25
631	K.SLVM*SGPYELK.A	1239.63	2	0.007	2.825	0.311	772.6	4	14/20	25
632 - 634	K.SLVM*SGPYELK.A	1239.63	1	0.04	1.718	0.012	76.8	79	10/20	25
635	K.DDKPTLQLESVDPK.N	1584.81	3	0.001	3.654	0.146	1707.8	1	26/52	25
636 - 638	K.SLVM*SGPYELK.A	1239.63	2	0.002	3.336	0.307	988.6	1	16/20	25
648	K.DDKPTLQLESVDPK.N	1584.81	1	0.003	1.830	0.200	234.6	12	12/26	25
730	K.SLVMSGPYELK.A	1223.63	1	0.0006	2.317	0.068	352.2	201	11/20	25
766	K.SLVM*SGPYELK.A	1239.63	2	0.0007	2.505	0.216	817.5	1	15/20	25
767	K.DDKPTLQLESVDPK.N	1584.81	3	4e-005	3.328	0.190	1699.9	1	27/52	25
770	K.SLVM*SGPYELK.A	1239.63	2	0.0009	2.966	0.305	983.3	5	15/20	25
774	K.SLVM*SGPYELK.A	1239.63	2	0.006	2.472	0.262	691.9	9	14/20	25
787	K.ALHLQGQDM*EQQVVFSM*SFVQGEESNDK.I	3213.45	3	0.04	2.799	0.204	656.9	1	25/108	17
791	K.DDKPTLQLESVDPK.N	1584.81	3	0.0003	3.714	0.095	2225.1	1	28/52	25
795	K.ALHLQGQDM*EQQVVFSM*SFVQGEESNDK.I	3213.45	3	0.0001	4.257	0.378	769.3	1	29/108	17
823 - 824	K.GGQDITDFTM*QFVSS	1648.72	2	0.04	2.002	0.093	410.8	3	12/28	20
827	K.GGQDITDFTM*QFVSS	1648.72	2	0.007	2.227	0.121	858.6	1	16/28	20
906	K.SLVM*SGPYELK.A	1239.63	2	0.0004	2.692	0.326	747.6	2	15/20	25
924	K.SLVM*SGPYELK.A	1239.63	2	0.002	3.184	0.293	1251.2	1	16/20	25
938	K.SLVM*SGPYELK.A	1239.63	2	0.001	2.688	0.236	811.2	4	15/20	25
991	K.GGQDITDFTMQFVSS	1632.72	1	0.02	2.096	0.230	260.1	8	10/28	20
1120	K.LEFESAQFPNWYISTSQAENM*PVFLGGTK.G	3307.56	2	0.003	3.119	0.249	541.0	1	17/56	19
1124 - 1126	K.LEFESAQFPNWYISTSQAENM*PVFLGGTK.G	3307.56	2	0.002	3.508	0.185	421.5	1	17/56	19

23 of 50 peptide matches reported, 27 removed due to filtering

Reference: gi|2905622|gb|AAC03536.1| interleukin 1 beta [Homo sapiens]
Database: C:\Xcalibur\database\nr.fasta
Number of Amino Acids: 153 Monoisotopic MW: 17415.8 pI: 5.13



Protein:

APVRSLYCTL RDSQQK**SLVM SGPYELKALH LQGQDMEQQV VFSMSFVQGE**
ESNDKIPVAL GLKEKNLYLS CVLK**DDKPTL QLESVDPK**NY PKKKMEKRFV
FNKIEINNK**L EFESAQFPNW YISTSQAENM PVFLGGTKGG QDITDFTMQF**
VSS

Protein Coverage:

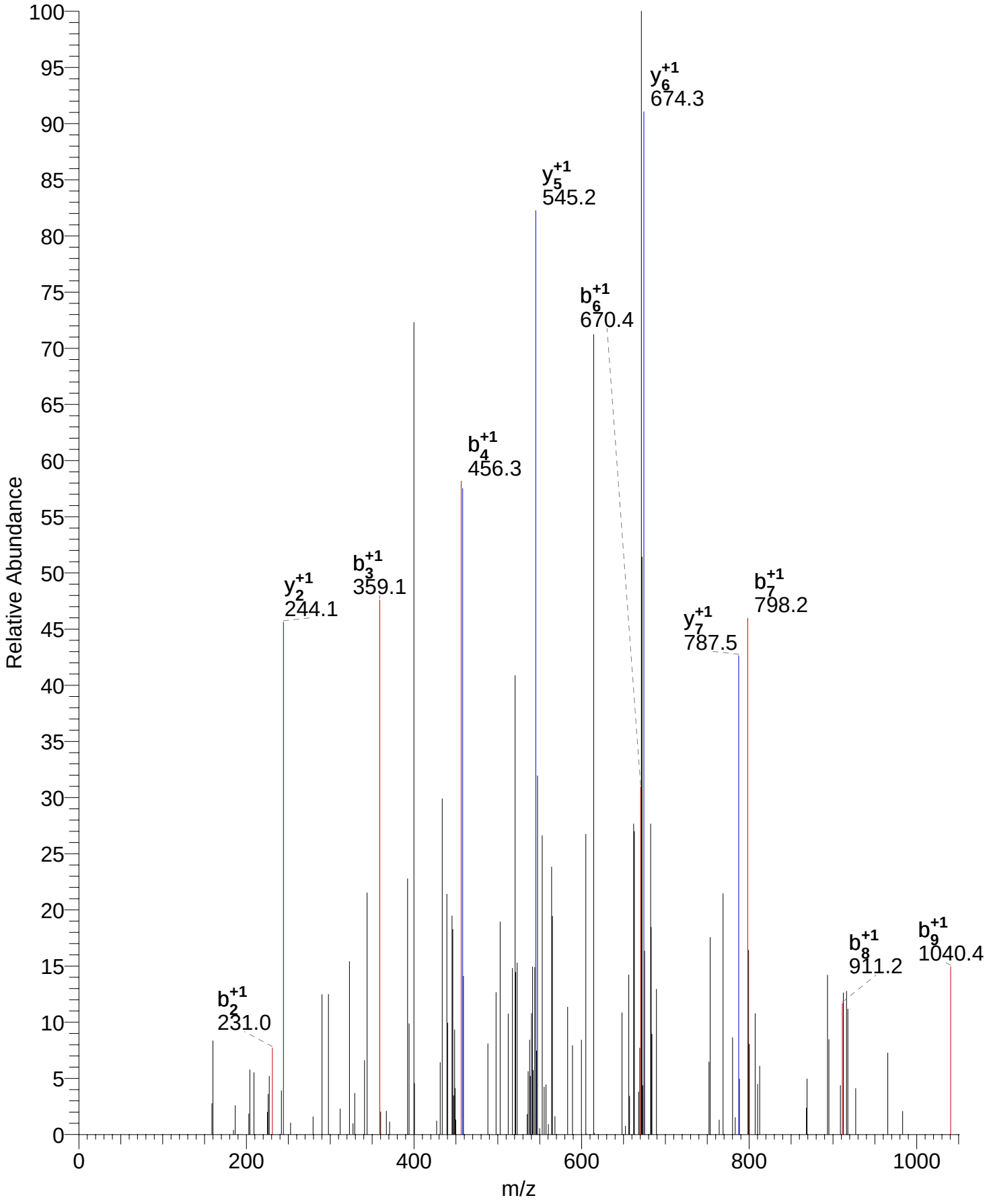
Sequence	MH+	% Mass	AA	% AA
SLVMSGPYELK	1223.63	7.03	17 - 27	7.19
ALHLQGQDMEQQVVFSMSFVQGEESNDK	3181.46	18.27	28 - 55	18.30
DDKPTLQLESVDPK	1584.81	9.10	75 - 88	9.15
PTLQLESVDPK	1226.66	7.04	78 - 88	7.19
LEFESAQFPNWYISTSQAENMPVFLGGTK	3291.57	18.90	110 - 138	18.95
GGQDITDFTMQFVSS	1632.72	9.37	139 - 153	9.80
Totals:	10838.12	62.23	97	63.40

DTA for scan: 622
Precursor ion: 528.99
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
D		116.03						
D		**231.06**				1469.78		
K		**359.16**				1354.76		
P		**456.21**				1226.66		
T		557.26				1129.61		
L		**670.34**				1028.56		
Q		**798.40**				**915.48**		
L		**911.48**				**787.42**		
E		**1040.53**				**674.34**		
S		1127.56				**545.29**		
V		1226.63				**458.26**		
D		1341.65				**359.19**		
P		1438.71				**244.17**		
K						147.11		

#622-622 RT:21.39-21.39 NL: 4.93E7

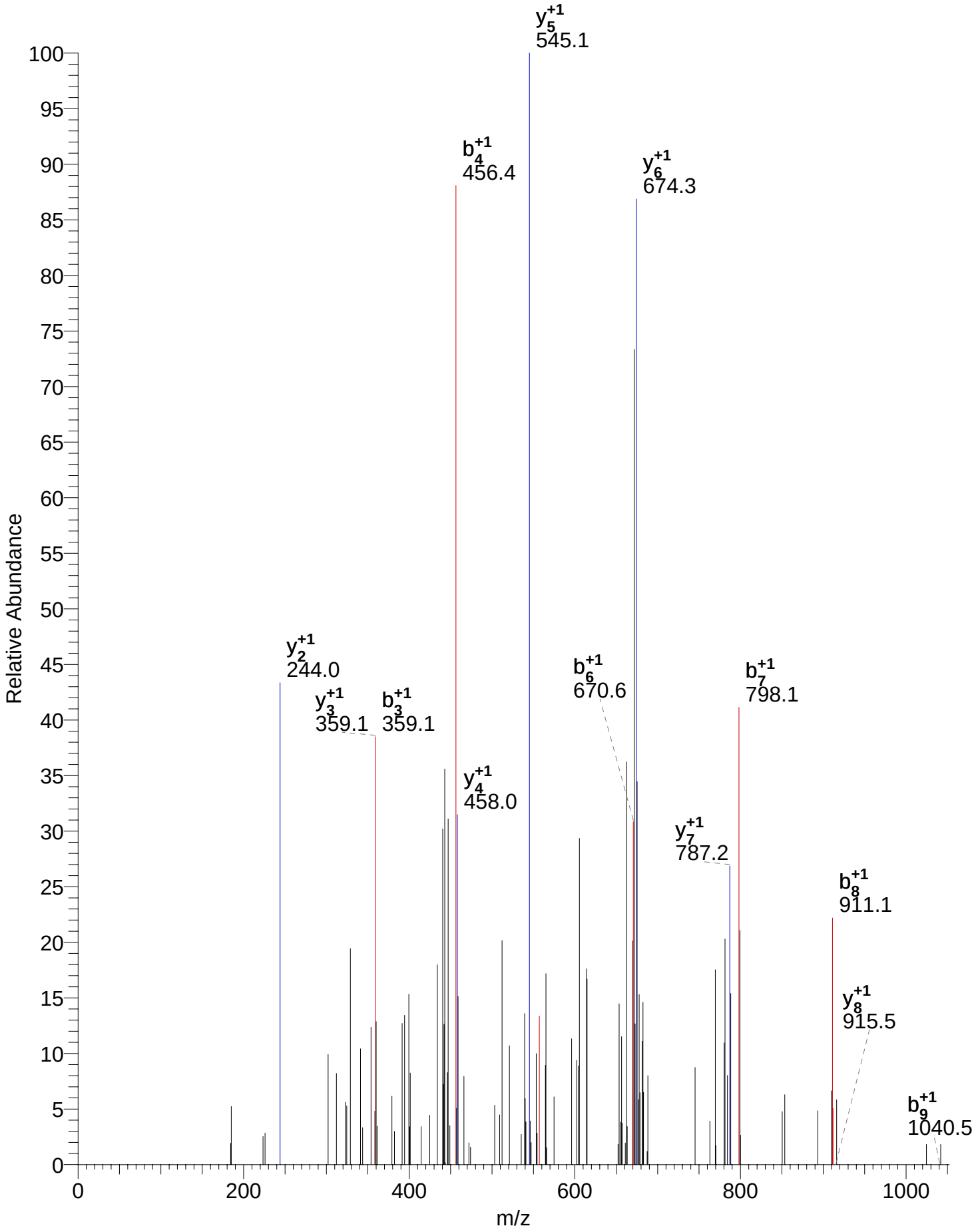


DTA for scan: 626
Precursor ion: 529.28
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
D		116.03						
D		231.06				1469.78		
K		**359.16**				1354.76		
P		**456.21**				1226.66		
T		**557.26**				1129.61		
L		**670.34**				1028.56		
Q		**798.40**				**915.48**		
L		**911.48**				**787.42**		
E		**1040.53**				**674.34**		
S		1127.56				**545.29**		
V		1226.63				**458.26**		
D		1341.65				**359.19**		
P		1438.71				**244.17**		
K						147.11		

#626-626 RT:21.47-21.47 NL: 3.10E8

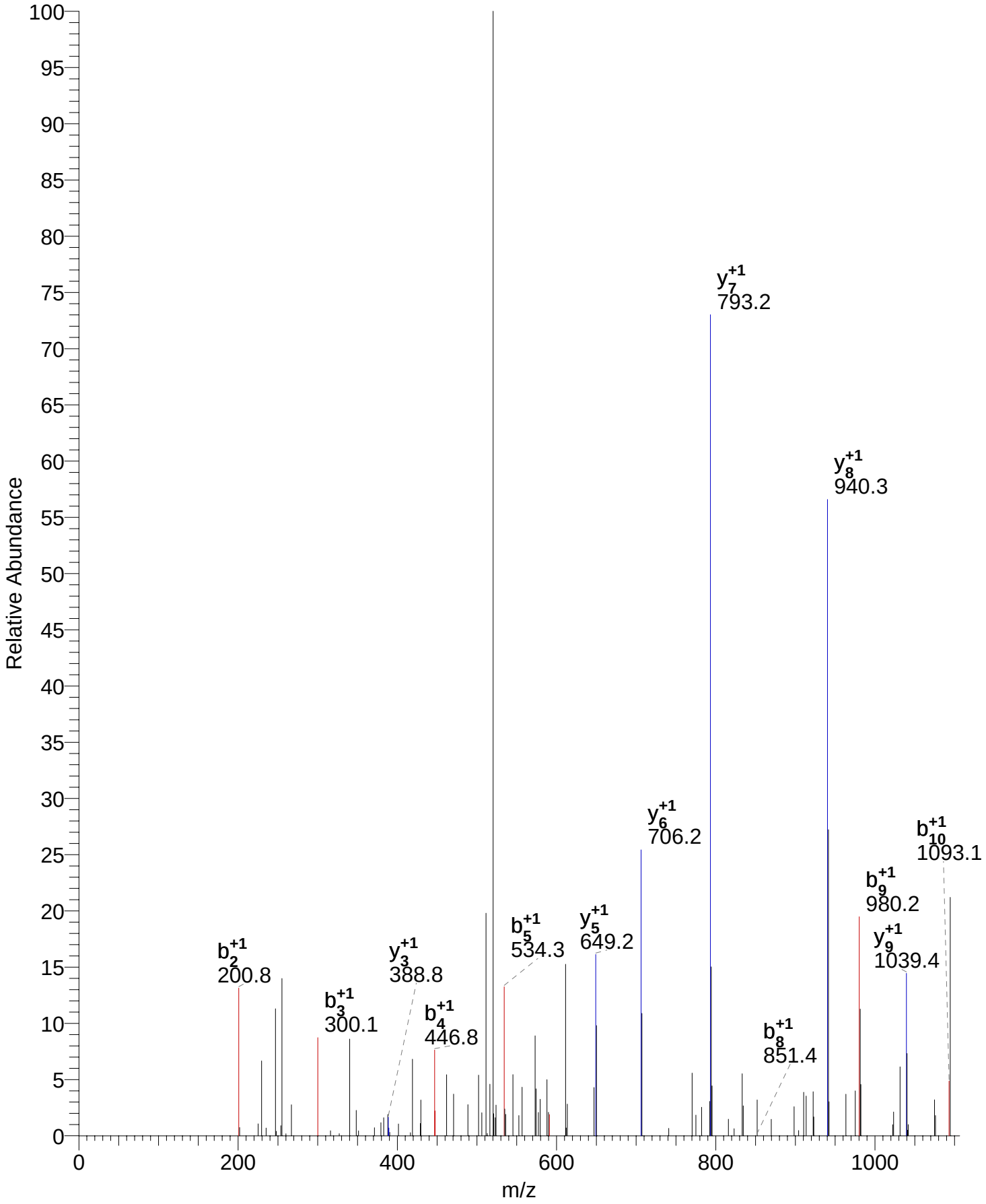


DTA for scan: 631
Precursor ion: 620.44
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		688.33				**649.36**		
Y		**851.40**				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				260.20		
K						147.11		

#631-631 RT:21.58-21.58 NL: 7.81E8

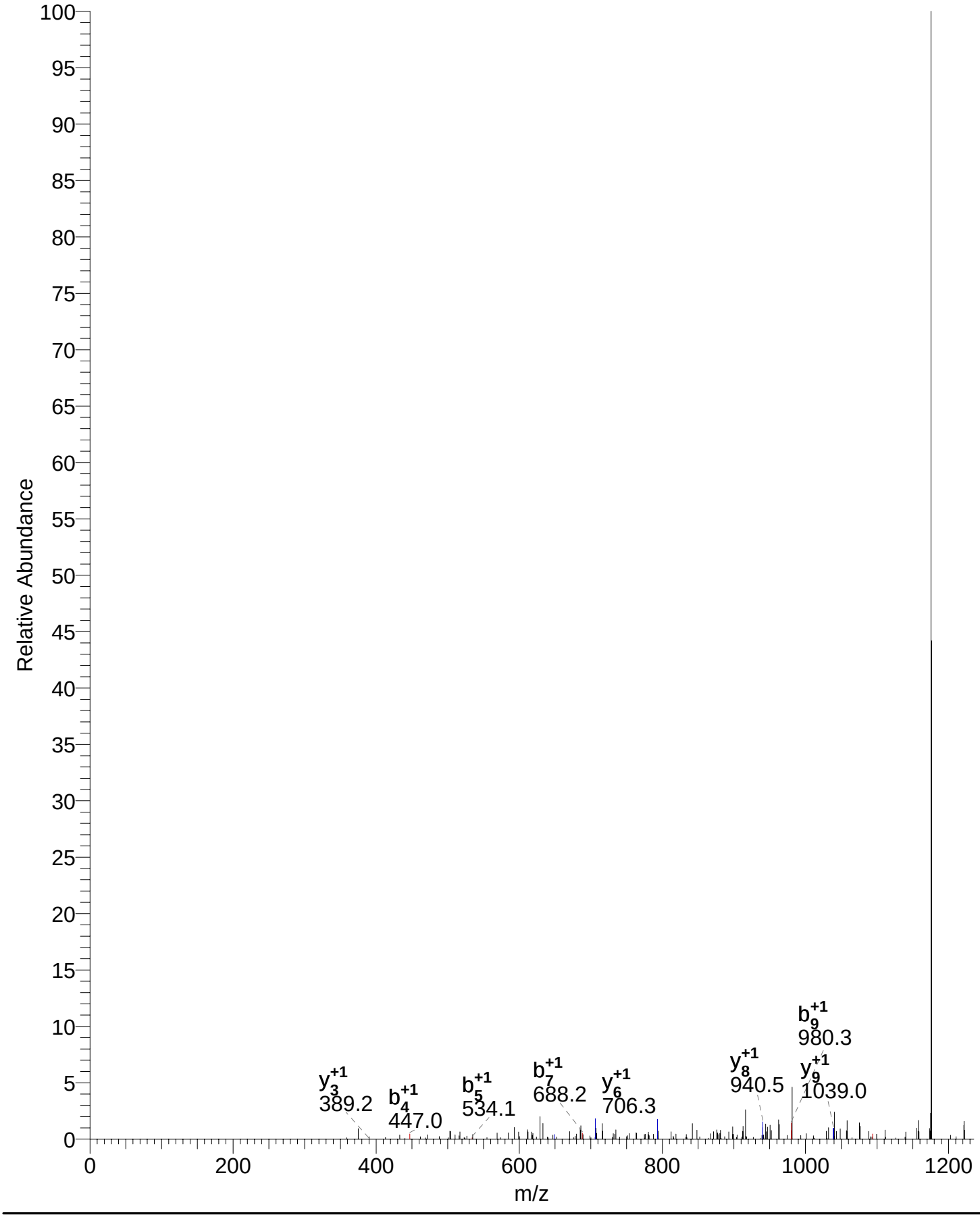


DTA for scans: 632-634
Precursor ion: 1239.52
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		201.12				1152.60		
V		300.19				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		591.28				**706.38**		
P		**688.33**				**649.36**		
Y		851.40				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				260.20		
K						147.11		

#632-634 RT:21.60-21.65 NL: 4.47E9

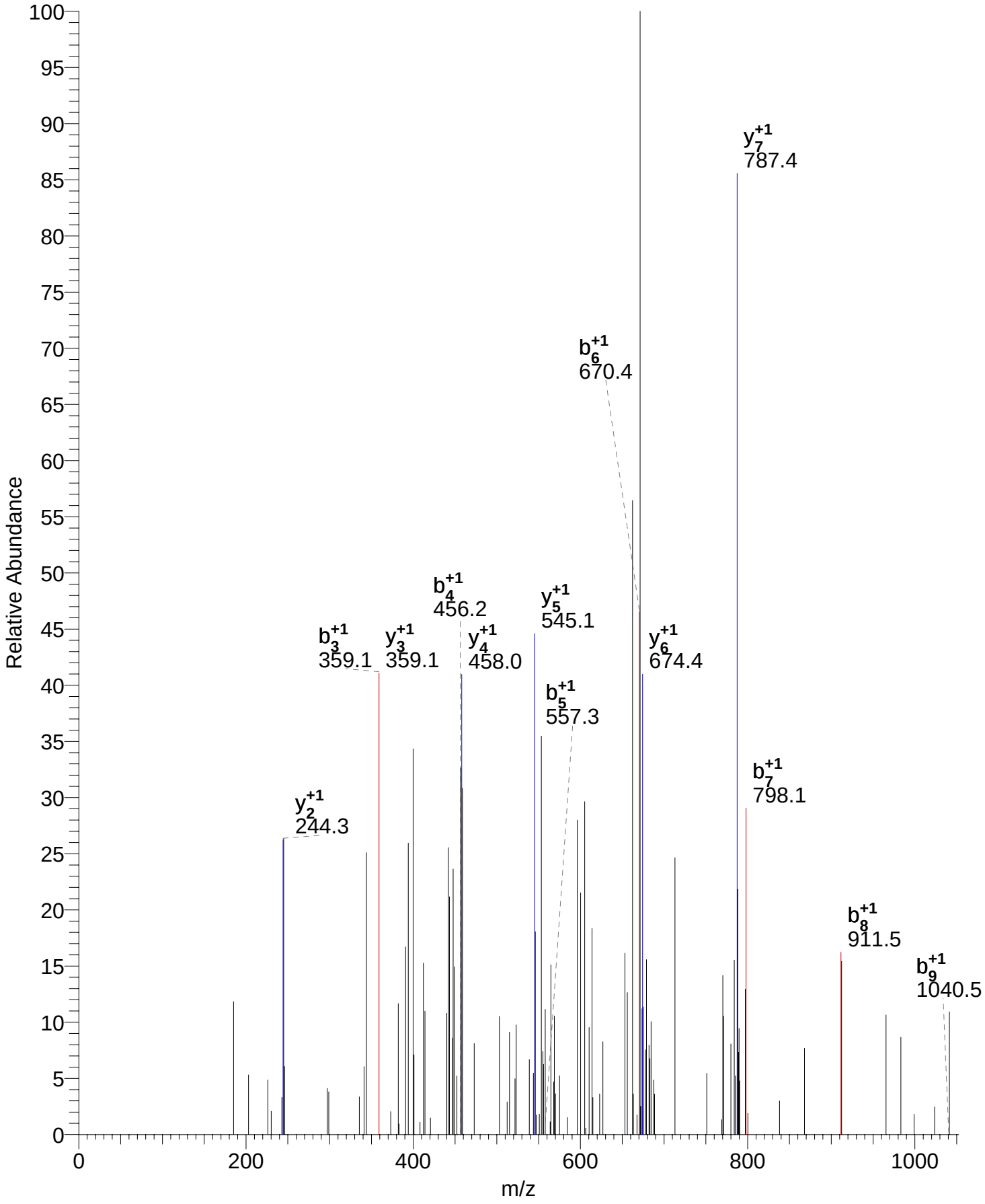


DTA for scan: 635
Precursor ion: 529.15
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
D		116.03						
D		231.06				1469.78		
K		**359.16**				1354.76		
P		**456.21**				1226.66		
T		**557.26**				1129.61		
L		**670.34**				1028.56		
Q		**798.40**				915.48		
L		**911.48**				**787.42**		
E		**1040.53**				**674.34**		
S		1127.56				**545.29**		
V		1226.63				**458.26**		
D		1341.65				**359.19**		
P		1438.71				**244.17**		
K						147.11		

#635-635 RT:21.67-21.67 NL: 2.32E8

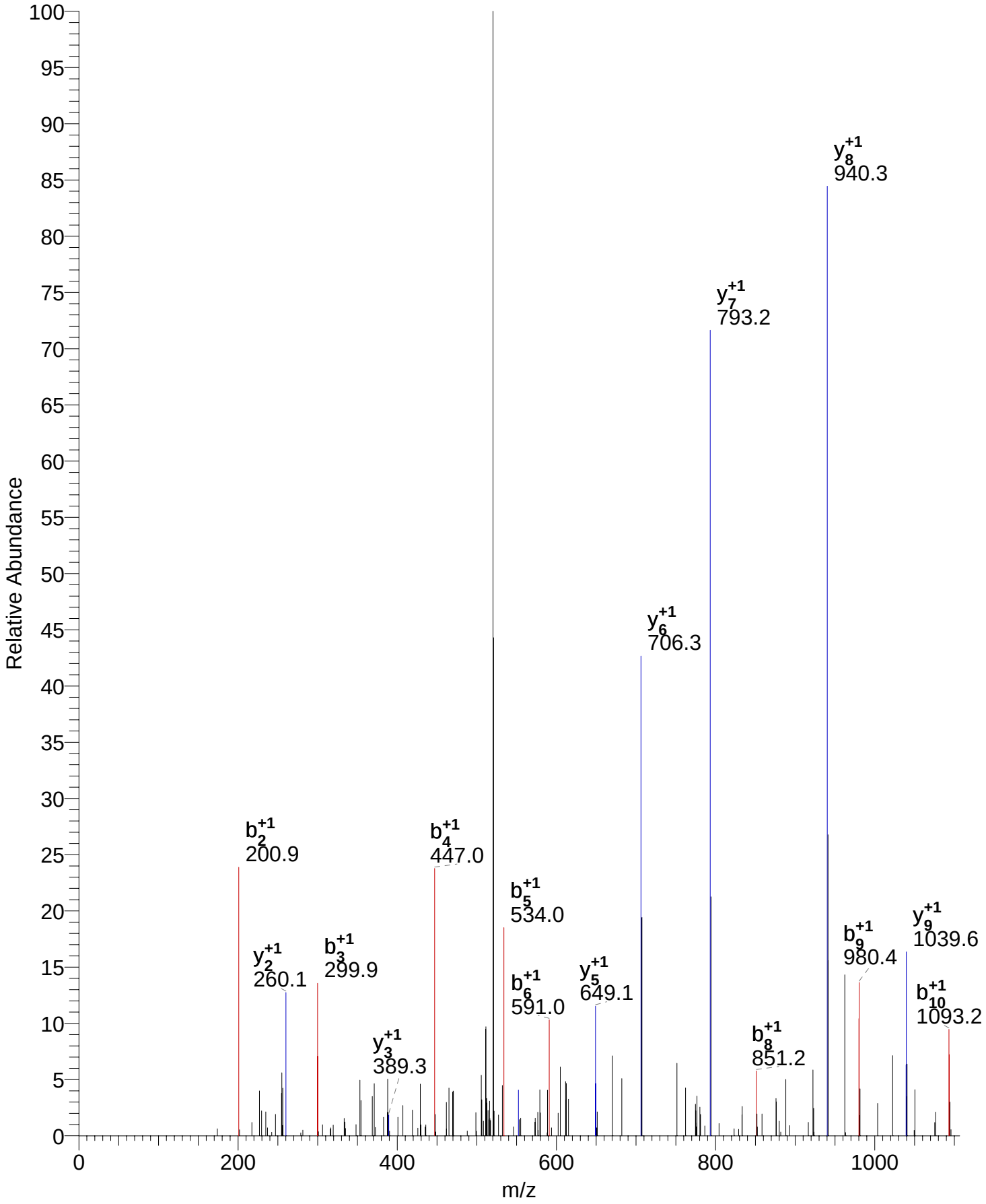


DTA for scans: 636-638
Precursor ion: 620.41
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		688.33				**649.36**		
Y		**851.40**				**552.30**		
E		**980.44**				**389.24**		
L		**1093.52**				**260.20**		
K						147.11		

#636-638 RT:21.69-21.73 NL: 1.19E9

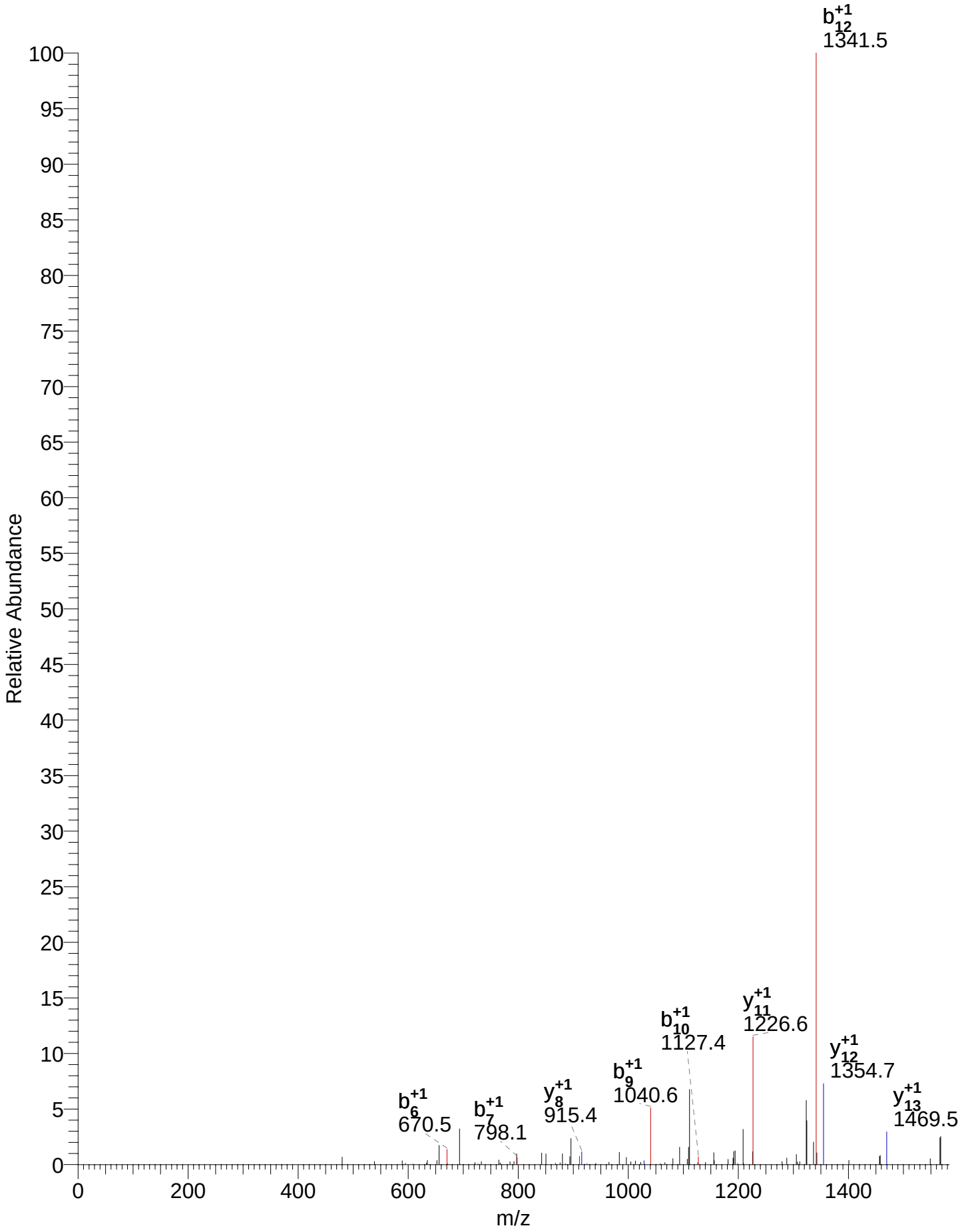


DTA for scan: 648
Precursor ion: 1584.73
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
D		116.03						
D		231.06				**1469.78**		
K		359.16				**1354.76**		
P		456.21				**1226.66**		
T		557.26				1129.61		
L		**670.34**				**1028.56**		
Q		**798.40**				**915.48**		
L		**911.48**				787.42		
E		**1040.53**				674.34		
S		**1127.56**				545.29		
V		**1226.63**				458.26		
D		**1341.65**				359.19		
P		1438.71				244.17		
K						147.11		

#648-648 RT:21.96-21.96 NL: 7.16E7

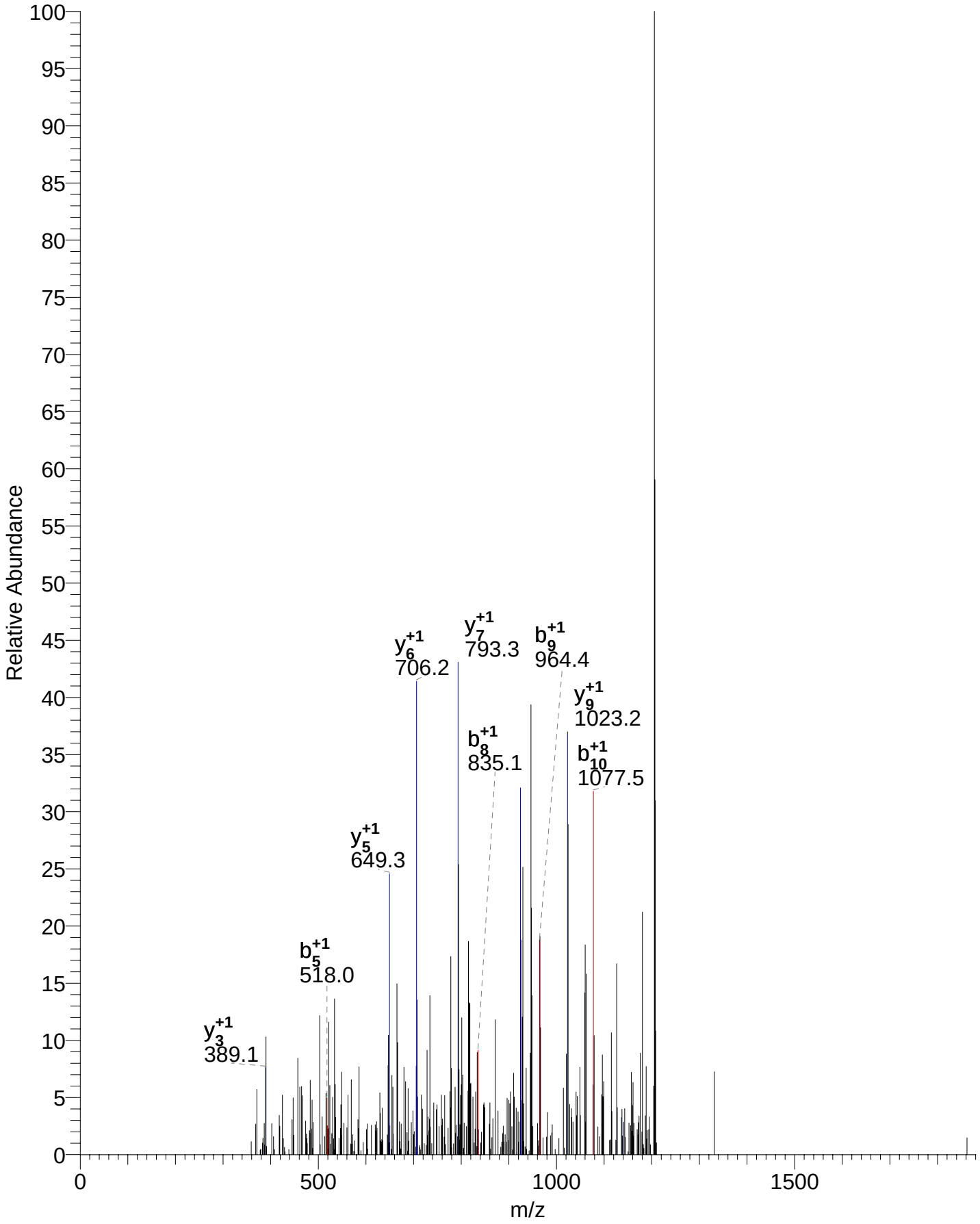


DTA for scan: 730
Precursor ion: 1224.39
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		201.12				**1136.60**		
V		300.19				**1023.52**		
M		431.23				**924.45**		
S		**518.26**				**793.41**		
G		575.29				**706.38**		
P		672.34				**649.36**		
Y		**835.40**				552.30		
E		**964.44**				**389.24**		
L		**1077.53**				260.20		
K						147.11		

#730-730 RT:23.83-23.83 NL: 1.19E6

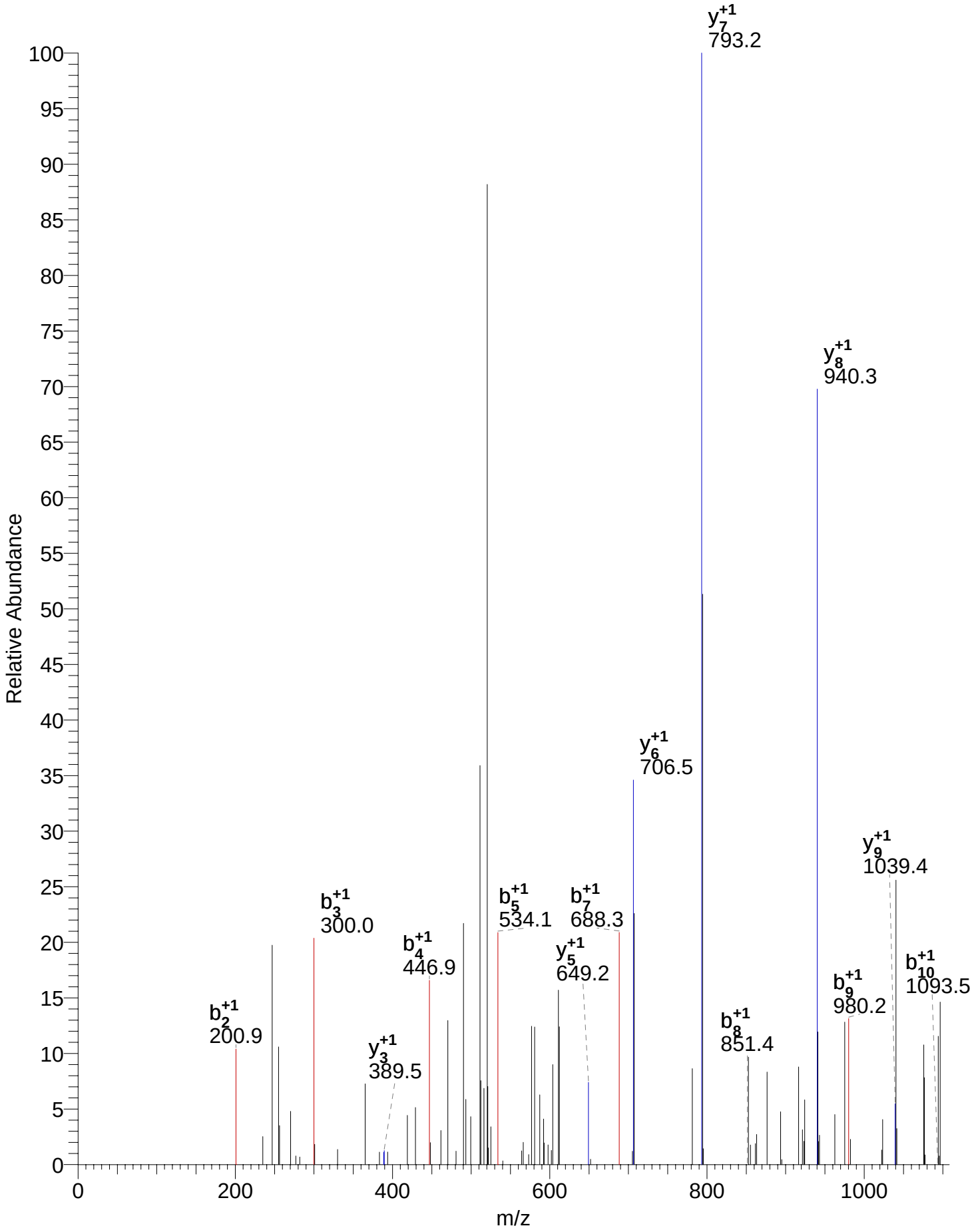


DTA for scan: 766
Precursor ion: 621.14
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		**688.33**				**649.36**		
Y		**851.40**				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				260.20		
K						147.11		

#766-766 RT:24.75-24.75 NL: 2.59E7

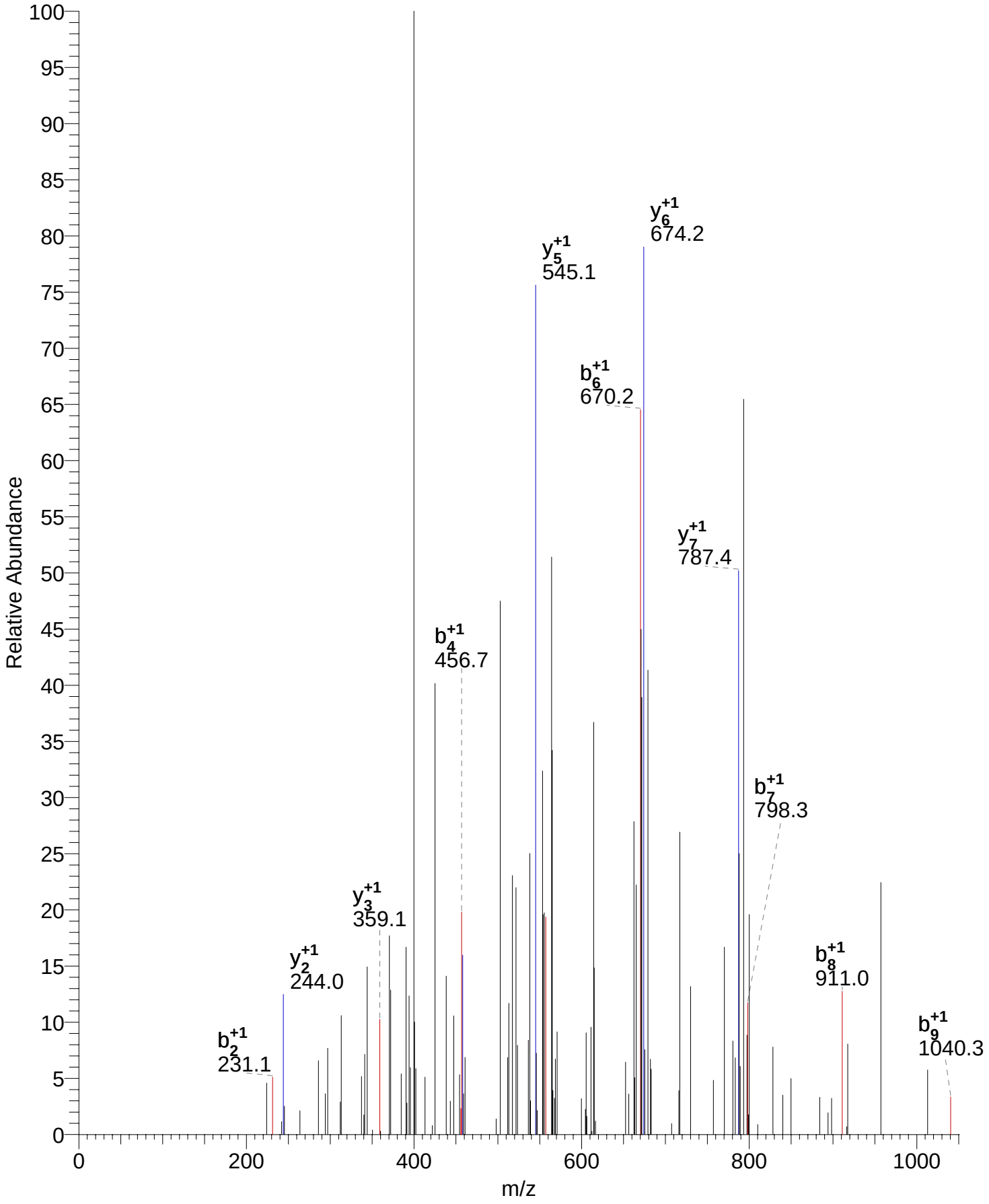


DTA for scan: 767
Precursor ion: 529.15
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
D		116.03						
D		**231.06**				1469.78		
K		**359.16**				1354.76		
P		**456.21**				1226.66		
T		**557.26**				1129.61		
L		**670.34**				1028.56		
Q		**798.40**				**915.48**		
L		**911.48**				**787.42**		
E		**1040.53**				**674.34**		
S		1127.56				**545.29**		
V		1226.63				**458.26**		
D		1341.65				**359.19**		
P		1438.71				**244.17**		
K						147.11		

#767-767 RT:24.77-24.77 NL: 3.44E6

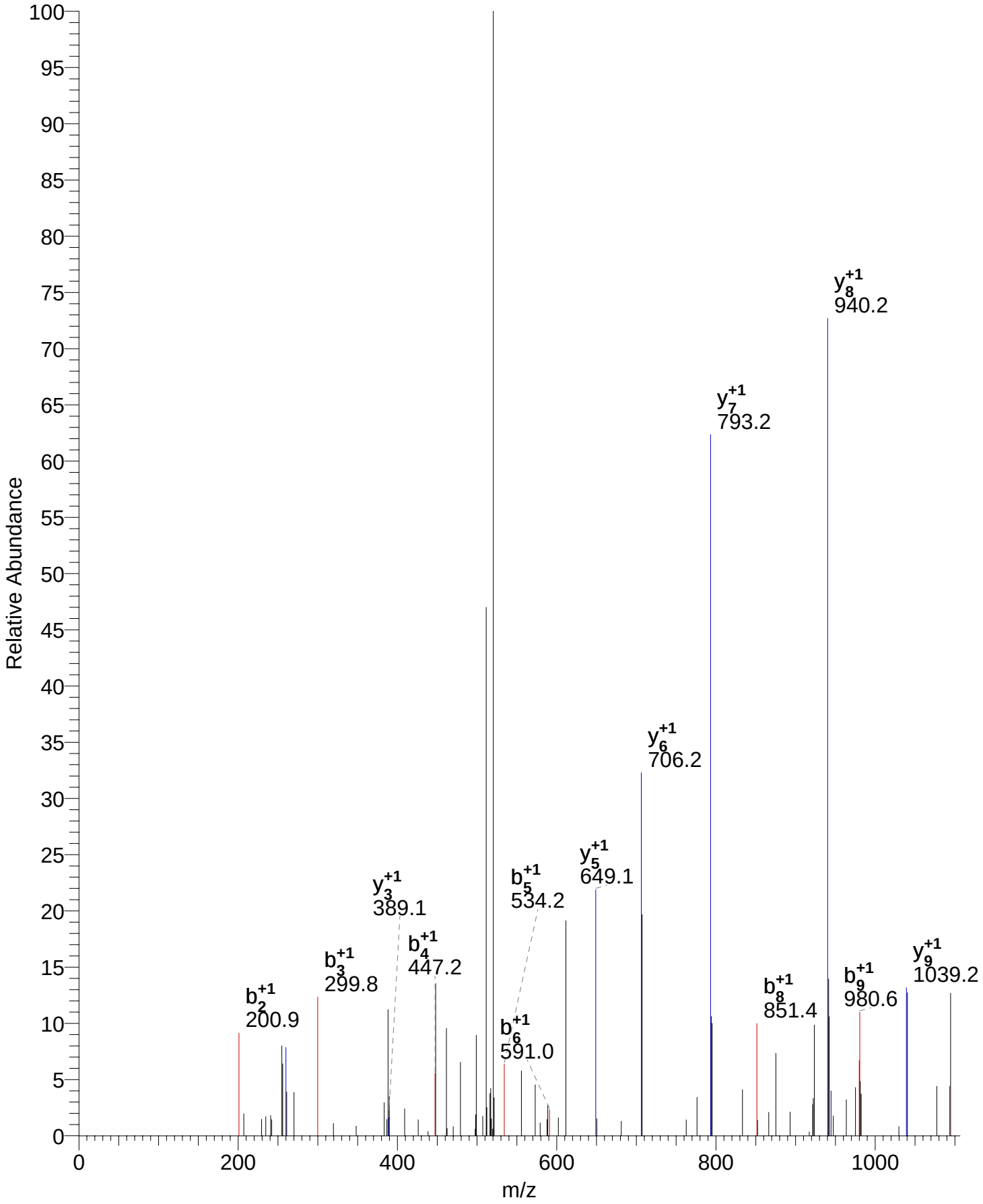


DTA for scan: 770
Precursor ion: 620.48
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		688.33				**649.36**		
Y		**851.40**				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				**260.20**		
K						147.11		

#770-770 RT:24.83-24.83 NL: 2.94E7

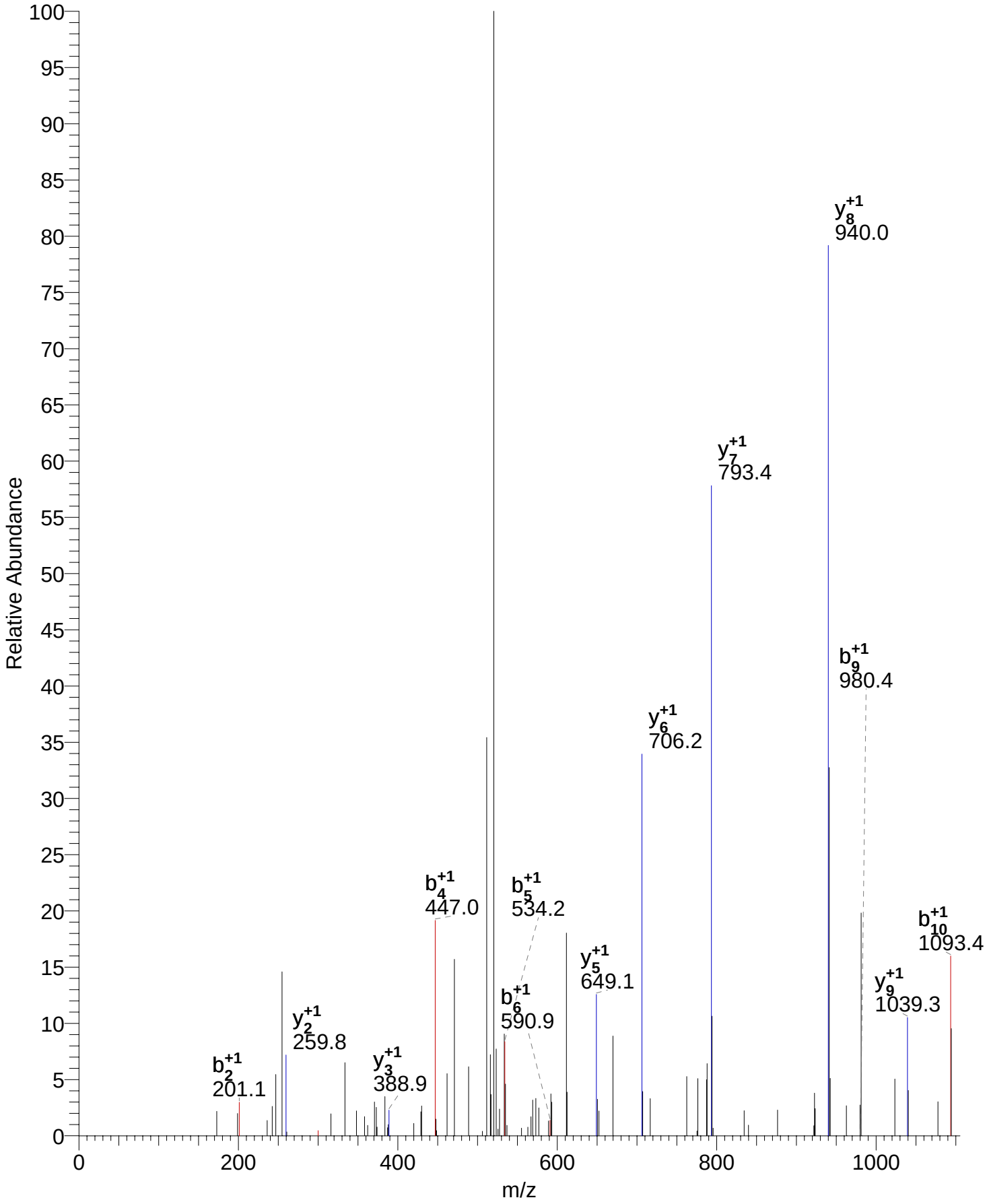


DTA for scan: 774
Precursor ion: 620.55
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		688.33				**649.36**		
Y		851.40				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				**260.20**		
K						147.11		

#774-774 RT:24.92-24.92 NL: 2.45E7

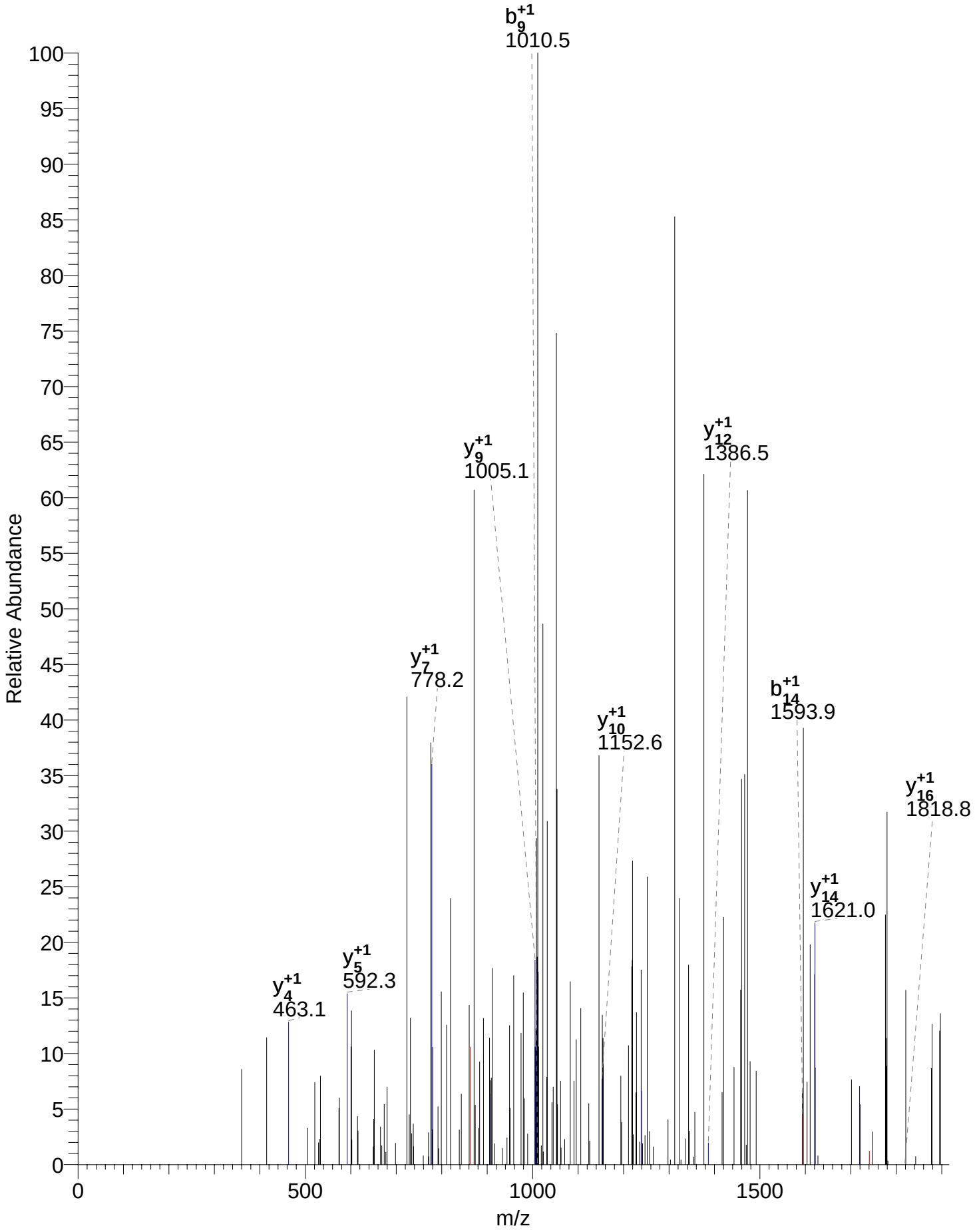


DTA for scan: 787
Precursor ion: 1072.14
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
A		72.04						
L		185.13				3142.41		
H		322.19				3029.33		
L		435.27				2892.27		
Q		563.33				2779.18		
G		620.35				2651.12		
Q		748.41				2594.10		
D		**863.44**				2466.04		
M*		**1010.47**				2351.02		
E		1139.51				2203.98		
Q		1267.57				2074.94		
Q		1395.63				1946.88		
V		1494.70				**1818.82**		
V		**1593.77**				**1719.75**		
F		**1740.84**				**1620.68**		
S		1827.87				**1473.62**		
M*		1974.90				**1386.58**		
S		2061.94				**1239.55**		
F		2209.01				**1152.52**		
V		2308.07				**1005.45**		
Q		2436.13				**906.38**		
G		2493.15				**778.32**		
E		2622.20				721.30		
E		2751.24				**592.26**		
S		2838.27				**463.21**		
N		2952.31				376.18		
D		3067.34				262.14		
K						147.11		

#787-787 RT:25.23-25.23 NL: 1.41E6

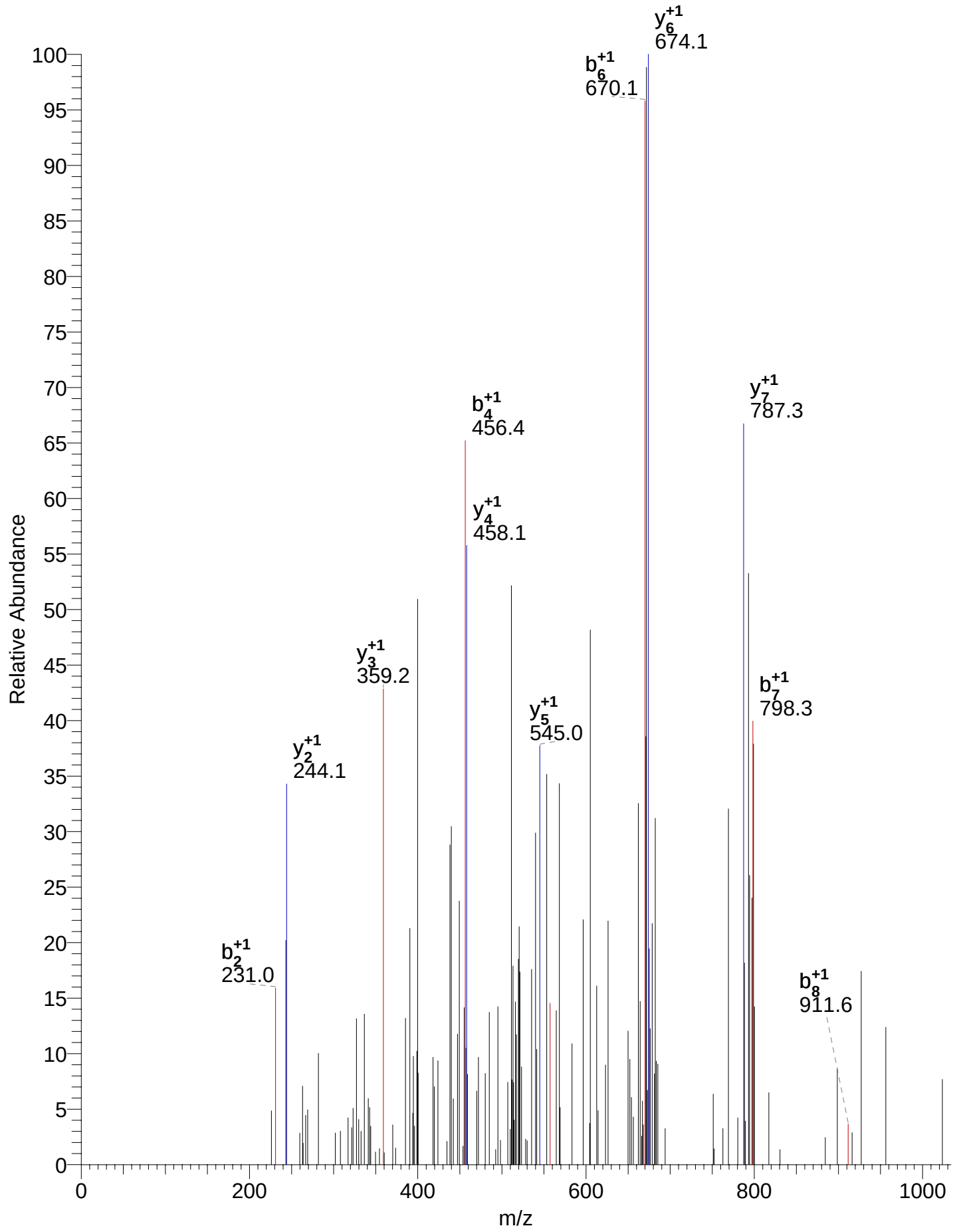


DTA for scan: 791
Precursor ion: 529.01
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
D		116.03						
D		**231.06**				1469.78		
K		**359.16**				1354.76		
P		**456.21**				1226.66		
T		**557.26**				1129.61		
L		**670.34**				1028.56		
Q		**798.40**				**915.48**		
L		**911.48**				**787.42**		
E		1040.53				**674.34**		
S		1127.56				**545.29**		
V		1226.63				**458.26**		
D		1341.65				**359.19**		
P		1438.71				**244.17**		
K						147.11		

#791-791 RT:25.33-25.33 NL: 2.68E6

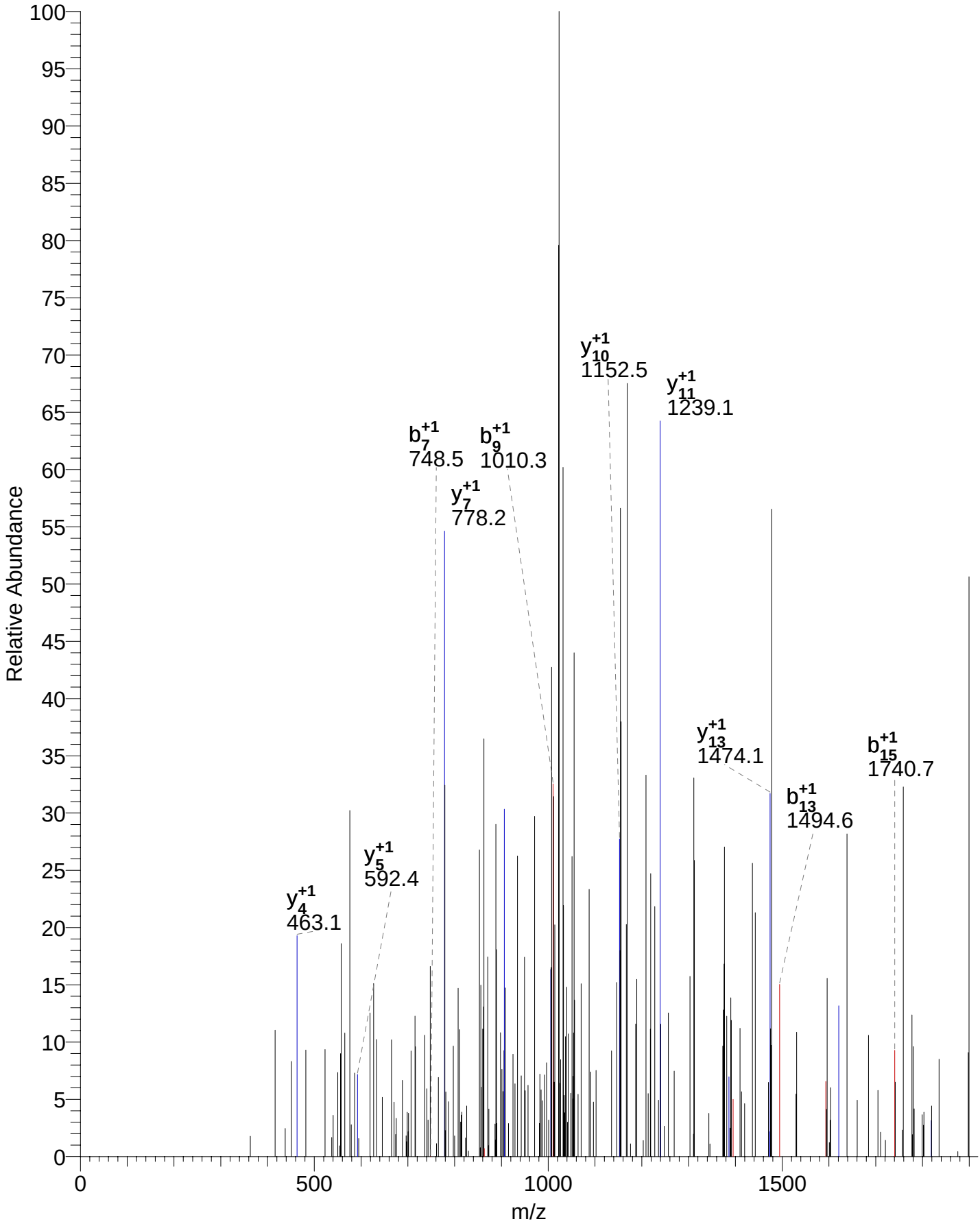


DTA for scan: 795
Precursor ion: 1072.41
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
A		72.04						
L		185.13				3142.41		
H		322.19				3029.33		
L		435.27				2892.27		
Q		563.33				2779.18		
G		**620.35**				2651.12		
Q		**748.41**				2594.10		
D		**863.44**				2466.04		
M*		**1010.47**				2351.02		
E		1139.51				2203.98		
Q		1267.57				2074.94		
Q		**1395.63**				1946.88		
V		**1494.70**				**1818.82**		
V		**1593.77**				**1719.75**		
F		**1740.84**				**1620.68**		
S		1827.87				**1473.62**		
M*		1974.90				**1386.58**		
S		2061.94				**1239.55**		
F		2209.01				**1152.52**		
V		2308.07				**1005.45**		
Q		2436.13				**906.38**		
G		2493.15				**778.32**		
E		2622.20				721.30		
E		2751.24				**592.26**		
S		2838.27				**463.21**		
N		2952.31				376.18		
D		3067.34				262.14		
K						147.11		

#795-795 RT:25.41-25.41 NL: 4.52E5

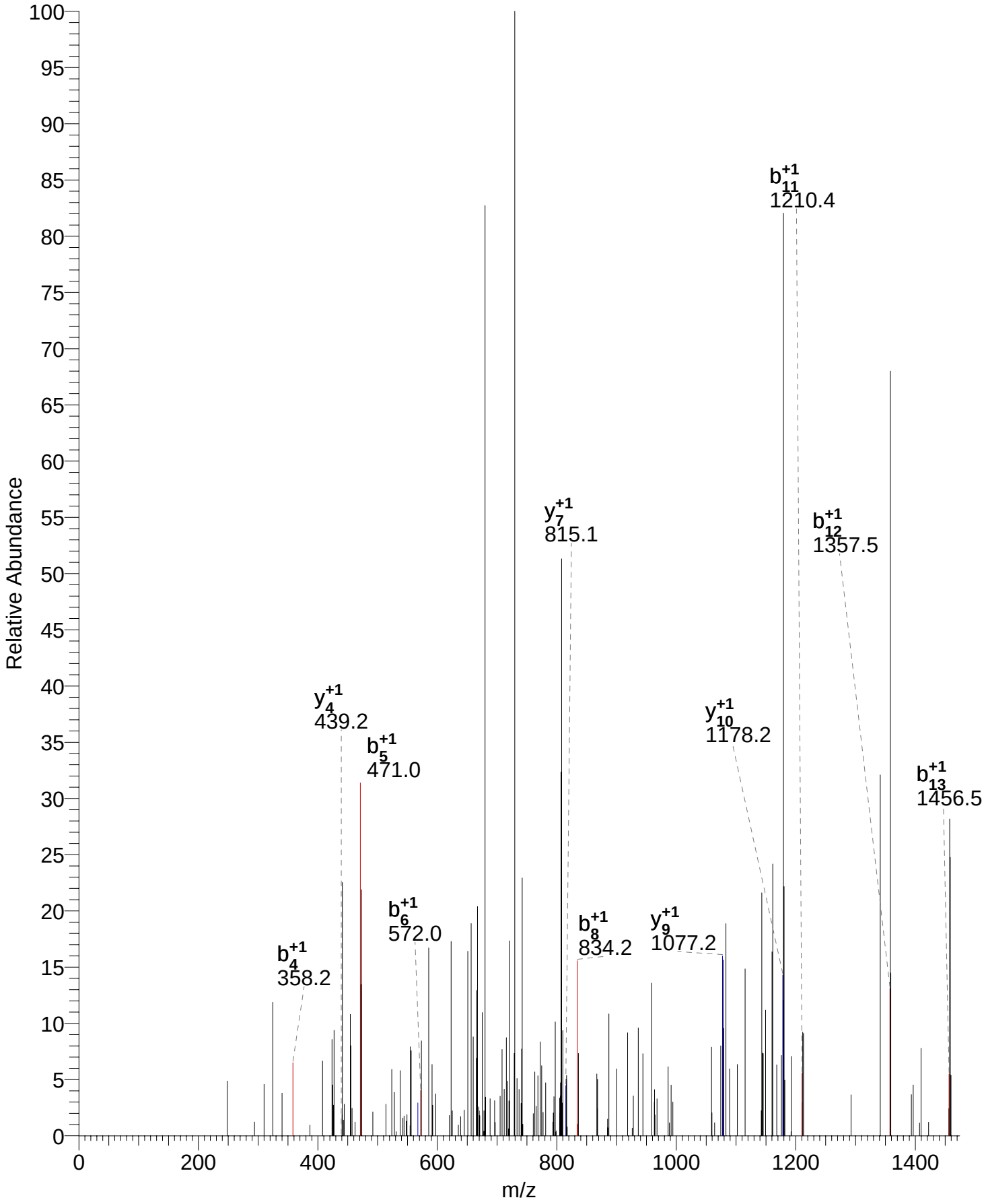


DTA for scans: 823-824
Precursor ion: 825.59
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
G		58.03						
G		115.05				1591.69		
Q		243.11				1534.67		
D		**358.14**				**1406.61**		
I		**471.22**				**1291.59**		
T		**572.27**				**1178.50**		
D		687.29				**1077.46**		
F		**834.36**				**962.43**		
T		**935.41**				**815.36**		
M*		**1082.45**				714.31		
Q		**1210.50**				**567.28**		
F		**1357.57**				**439.22**		
V		**1456.64**				292.15		
S		1543.67				193.08		
S						106.05		

#823-824 RT:26.09-26.11 NL: 1.28E7

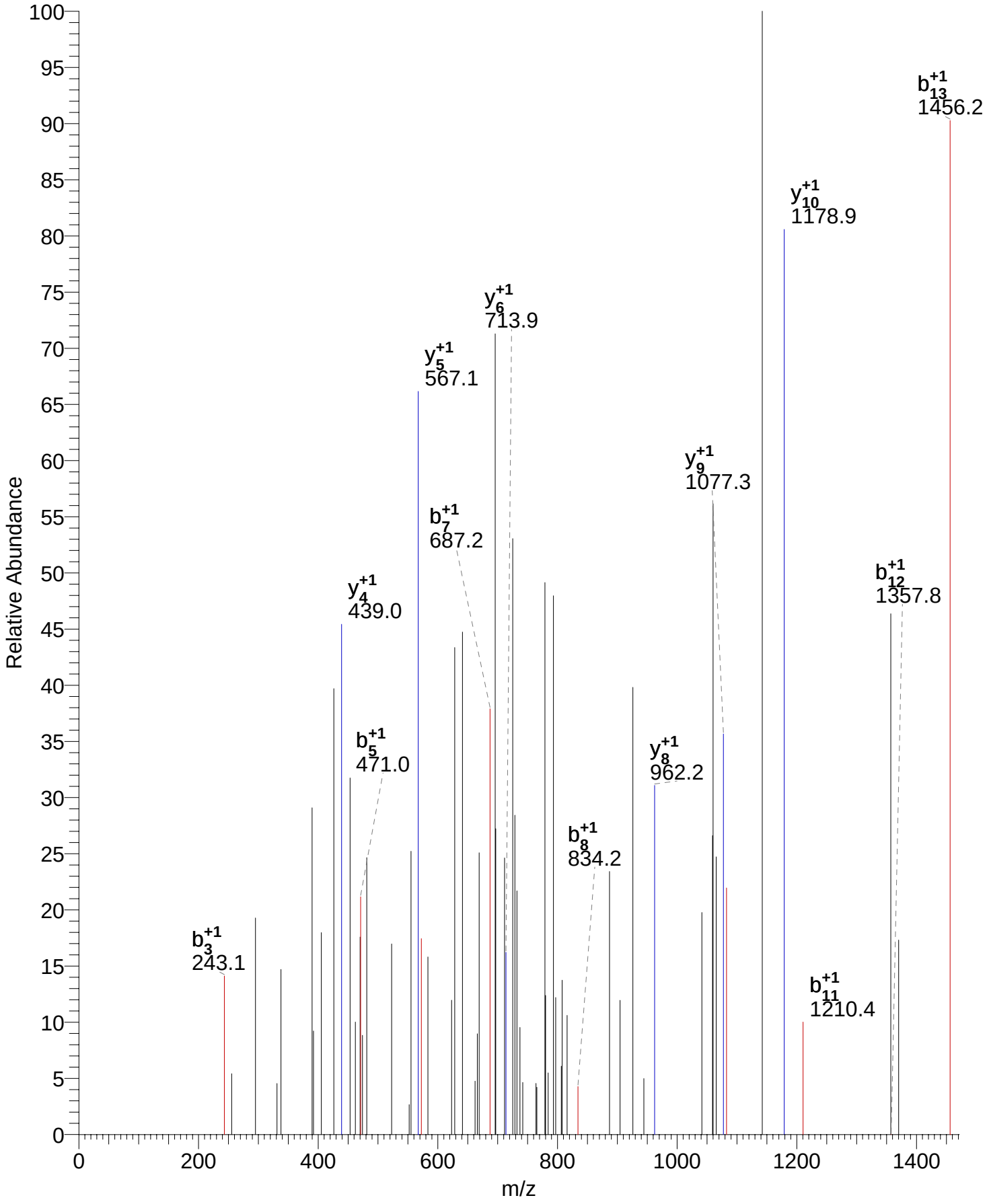


DTA for scan: 827
Precursor ion: 824.82
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
G		58.03						
G		115.05				1591.69		
Q		**243.11**				1534.67		
D		358.14				1406.61		
I		**471.22**				1291.59		
T		**572.27**				**1178.50**		
D		**687.29**				**1077.46**		
F		**834.36**				**962.43**		
T		935.41				**815.36**		
M*		**1082.45**				**714.31**		
Q		**1210.50**				**567.28**		
F		**1357.57**				**439.22**		
V		**1456.64**				292.15		
S		1543.67				193.08		
S						106.05		

#827-827 RT:26.18-26.18 NL: 1.88E6

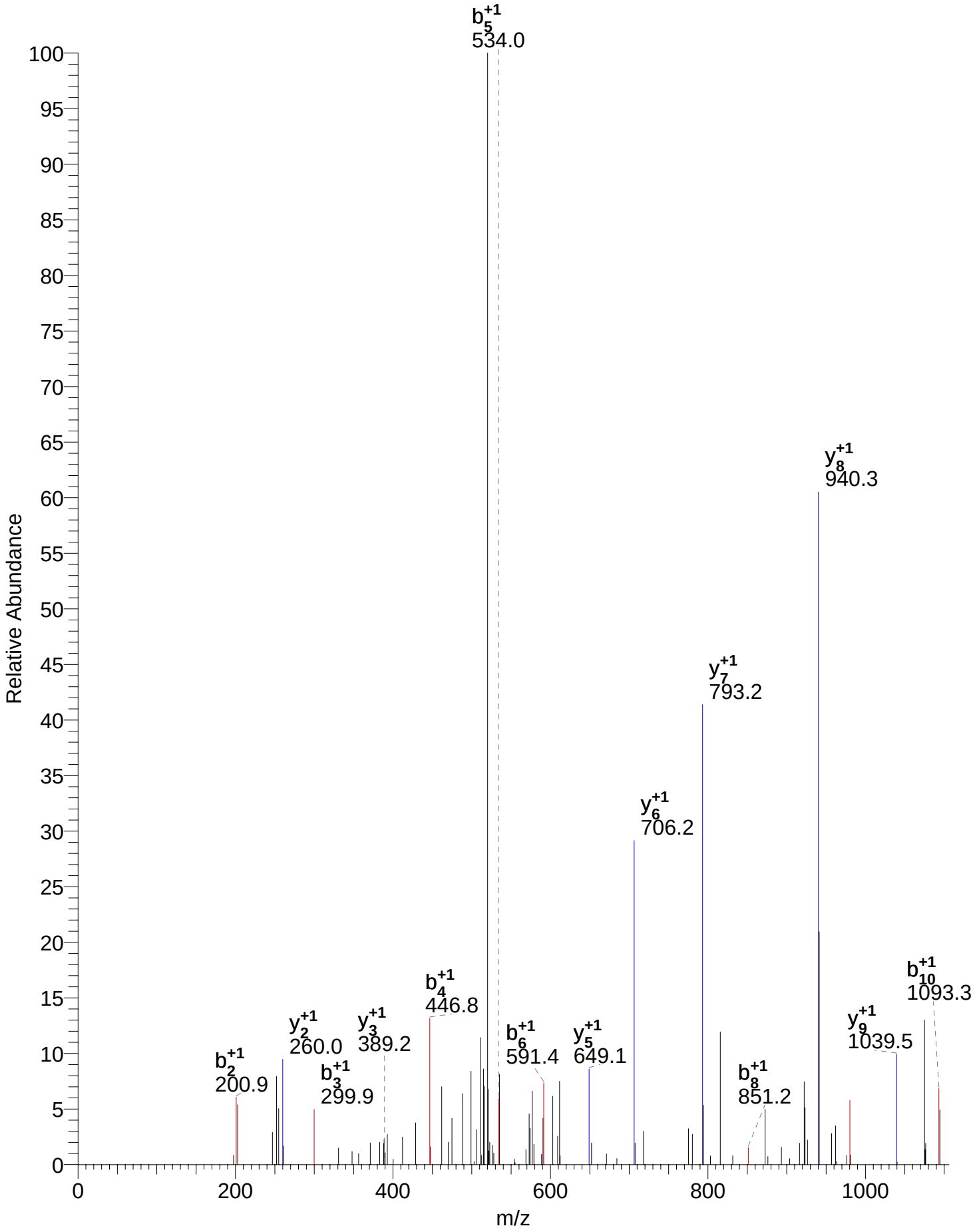


DTA for scan: 906
Precursor ion: 620.11
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		688.33				**649.36**		
Y		**851.40**				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				**260.20**		
K						147.11		

#906-906 RT:28.03-28.03 NL: 8.06E6

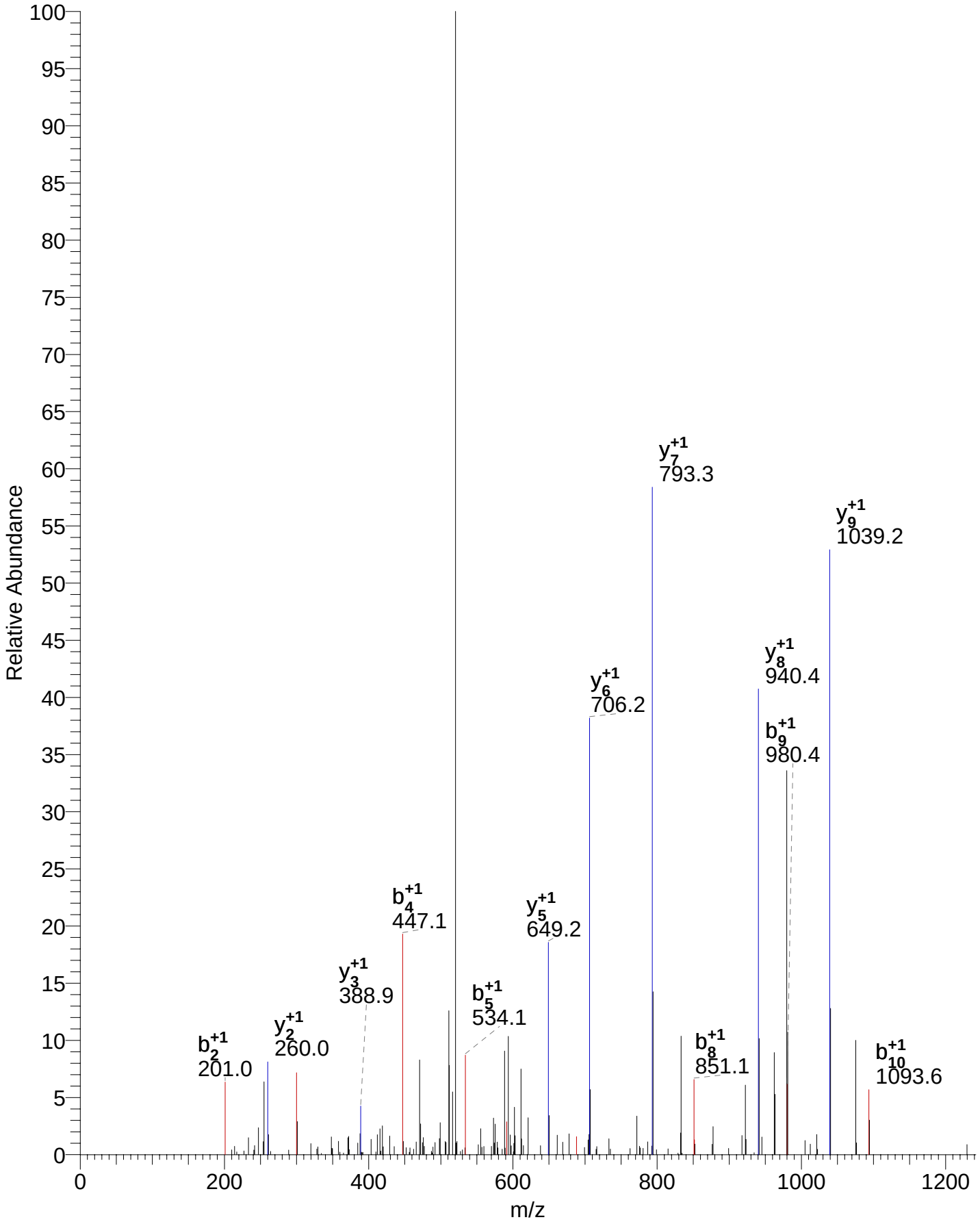


DTA for scan: 924
Precursor ion: 620.33
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		**688.33**				**649.36**		
Y		**851.40**				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				**260.20**		
K						147.11		

#924-924 RT:28.45-28.45 NL: 2.91E6

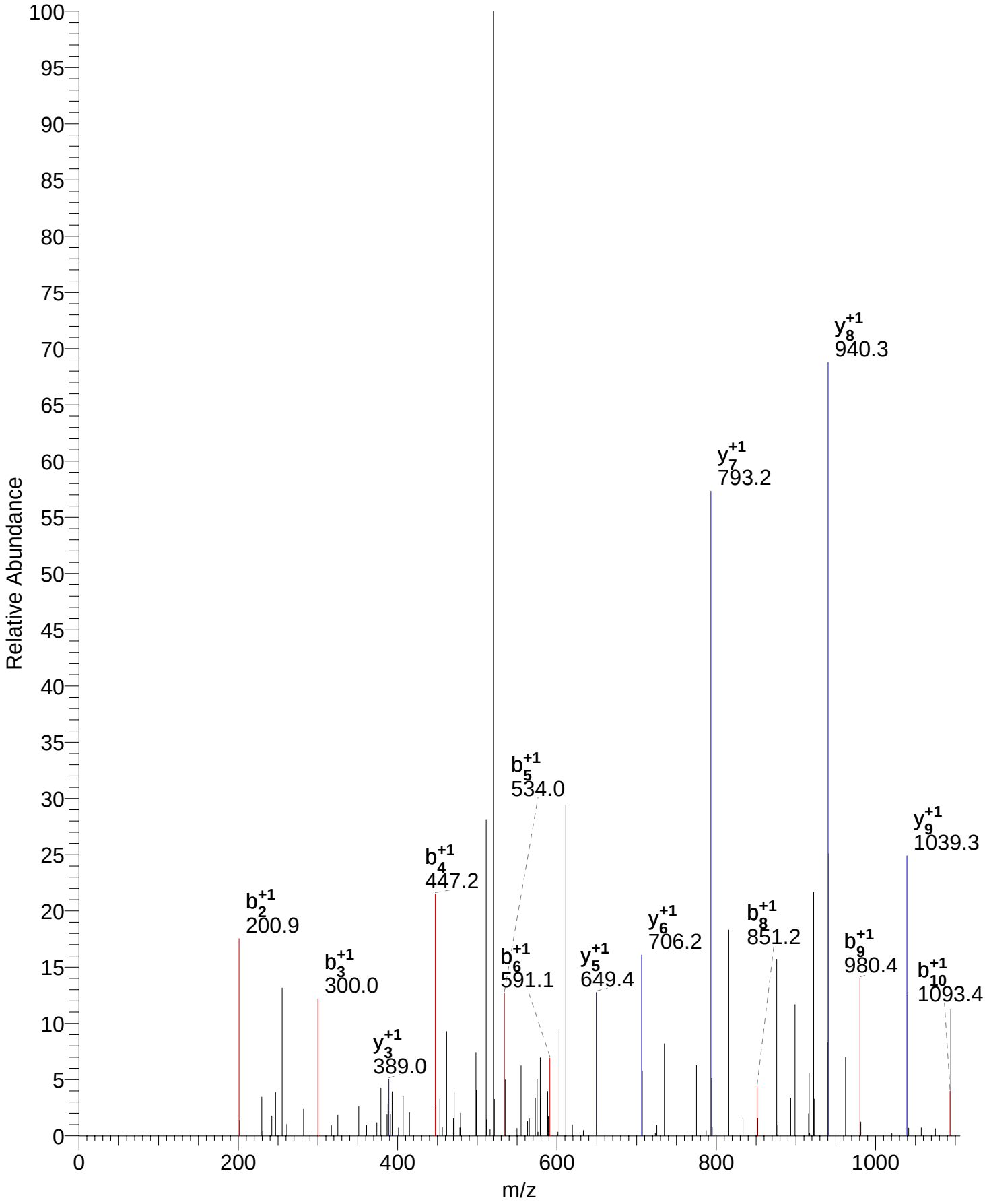


DTA for scan: 938
Precursor ion: 620.26
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
S		88.04						
L		**201.12**				1152.60		
V		**300.19**				**1039.51**		
M*		**447.23**				**940.44**		
S		**534.26**				**793.41**		
G		**591.28**				**706.38**		
P		688.33				**649.36**		
Y		**851.40**				552.30		
E		**980.44**				**389.24**		
L		**1093.52**				**260.20**		
K						147.11		

#938-938 RT:28.83-28.83 NL: 5.11E6

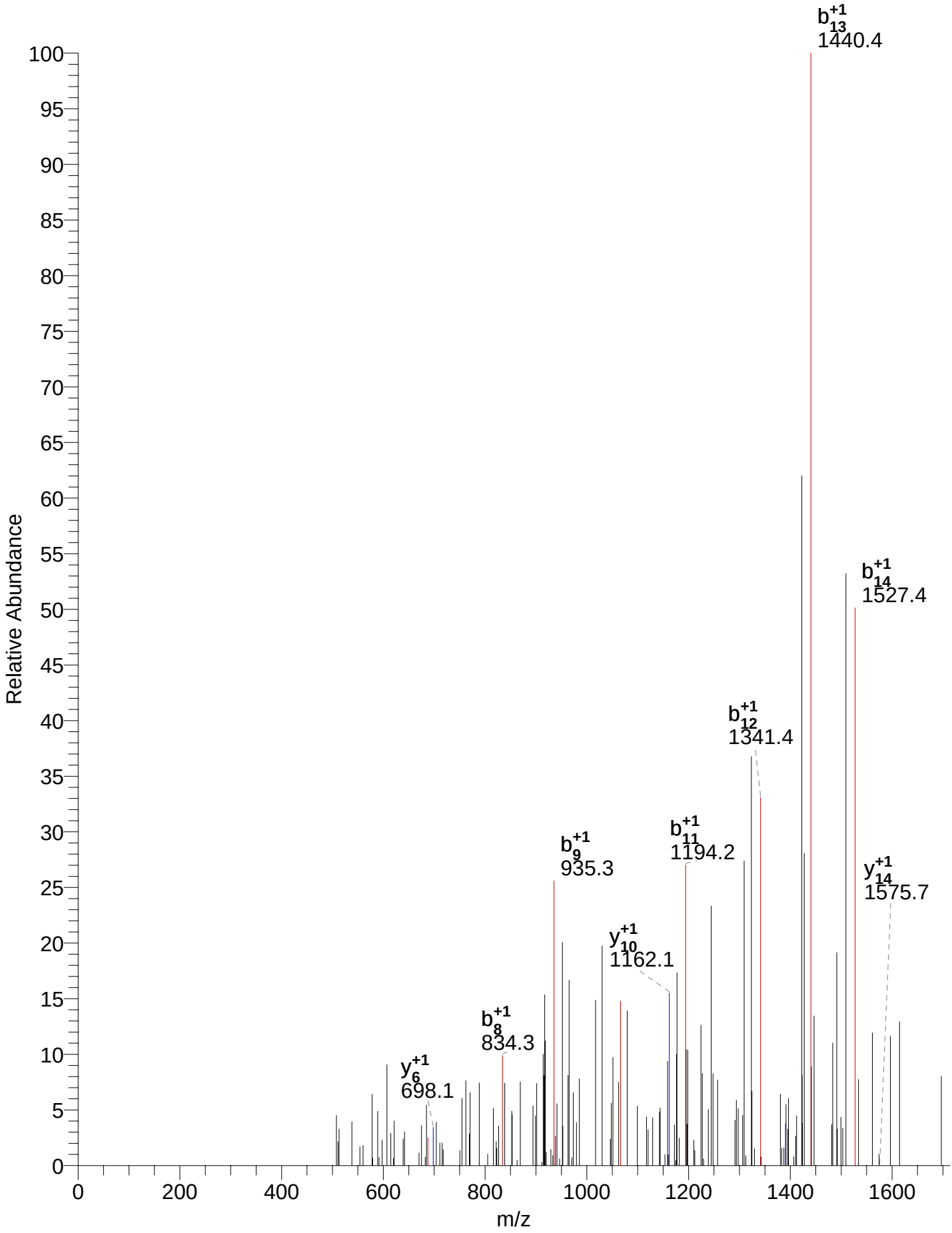


DTA for scan: 991
Precursor ion: 1632.53
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
G		58.03						
G		115.05				**1575.70**		
Q		243.11				1518.68		
D		358.14				**1390.62**		
I		471.22				1275.59		
T		572.27				**1162.51**		
D		**687.29**				**1061.46**		
F		**834.36**				946.43		
T		**935.41**				799.37		
M		**1066.45**				**698.32**		
Q		**1194.51**				567.28		
F		**1341.58**				439.22		
V		**1440.65**				292.15		
S		**1527.68**				193.08		
S						106.05		

#991-991 RT:30.28-30.28 NL: 3.32E6

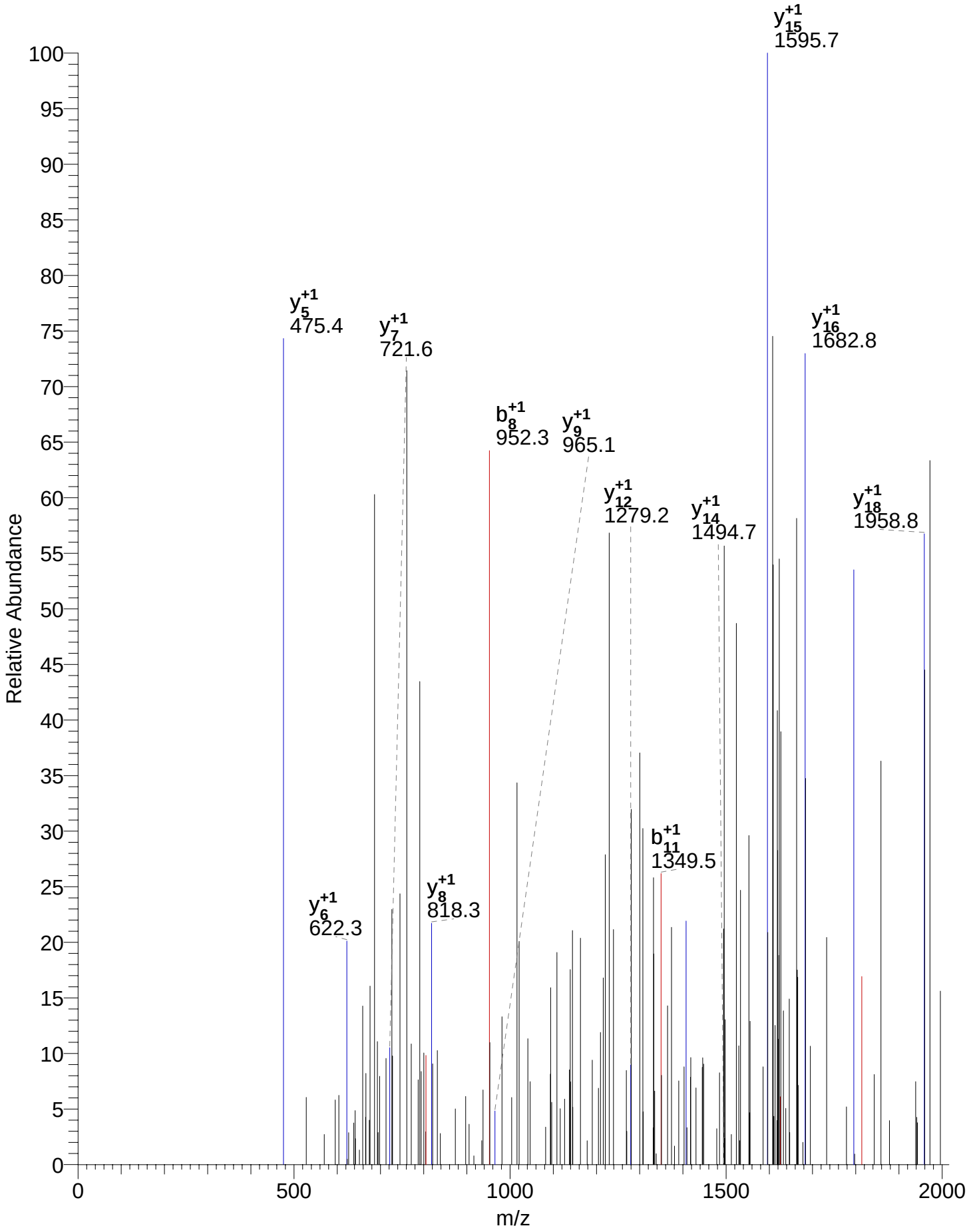


DTA for scan: 1120
Precursor ion: 1654.38
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
L		114.09						
E		243.13				3194.48		
F		390.20				3065.43		
E		519.24				2918.37		
S		606.28				2789.32		
A		**677.31**				2702.29		
Q		**805.37**				2631.25		
F		**952.44**				2503.20		
P		1049.49				2356.13		
N		**1163.54**				2259.08		
W		**1349.62**				2145.03		
Y		1512.68				**1958.95**		
I		**1625.76**				**1795.89**		
S		1712.80				**1682.81**		
T		**1813.84**				**1595.77**		
S		1900.88				**1494.73**		
Q		2028.93				**1407.69**		
A		2099.97				**1279.64**		
E		2229.01				**1208.60**		
N		2343.06				1079.56		
M*		2490.09				**965.51**		
P		2587.14				**818.48**		
V		2686.21				**721.42**		
F		2833.28				**622.36**		
L		2946.37				**475.29**		
G		3003.39				362.20		
G		3060.41				305.18		
T		3161.46				248.16		
K						147.11		

#1120-1120 RT:33.40-33.40 NL: 3.22E6



DTA for scans: 1124-1126
Precursor ion: 1655.01
Mass type: Monoisotopic
Mod's: (M* +15.99492)

Ion series for charge: +1

AA	A ions	B ions	B* ions	Bo ions	C ions	Y ions	Y* ions	Z ions
L		114.09						
E		243.13				3194.48		
F		390.20				3065.43		
E		519.24				2918.37		
S		**606.28**				2789.32		
A		**677.31**				2702.29		
Q		805.37				2631.25		
F		**952.44**				2503.20		
P		**1049.49**				2356.13		
N		**1163.54**				2259.08		
W		1349.62				2145.03		
Y		**1512.68**				**1958.95**		
I		**1625.76**				**1795.89**		
S		1712.80				**1682.81**		
T		**1813.84**				**1595.77**		
S		1900.88				**1494.73**		
Q		2028.93				**1407.69**		
A		2099.97				**1279.64**		
E		2229.01				**1208.60**		
N		2343.06				**1079.56**		
M*		2490.09				**965.51**		
P		2587.14				**818.48**		
V		2686.21				**721.42**		
F		2833.28				**622.36**		
L		2946.37				475.29		
G		3003.39				362.20		
G		3060.41				305.18		
T		3161.46				248.16		
K						147.11		

#1124-1126 RT:33.49-33.54 NL: 1.11E7