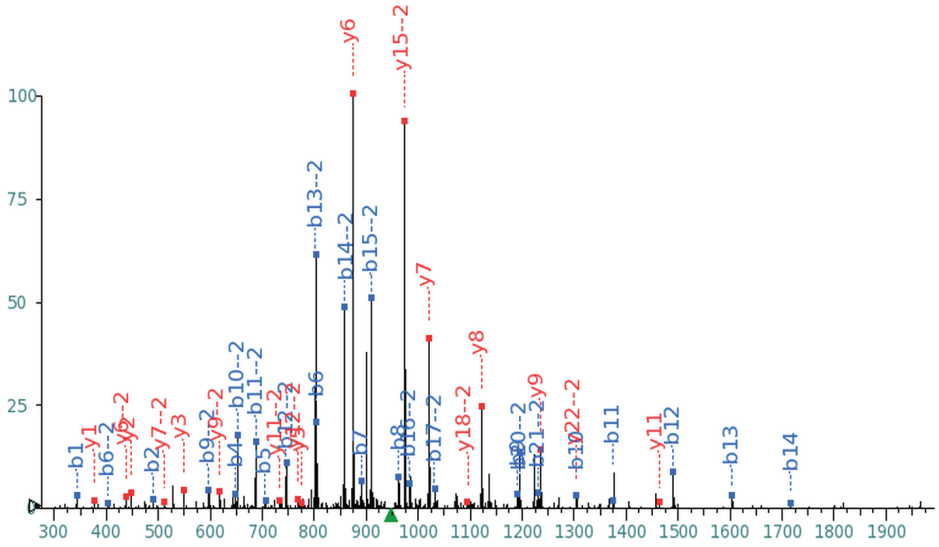
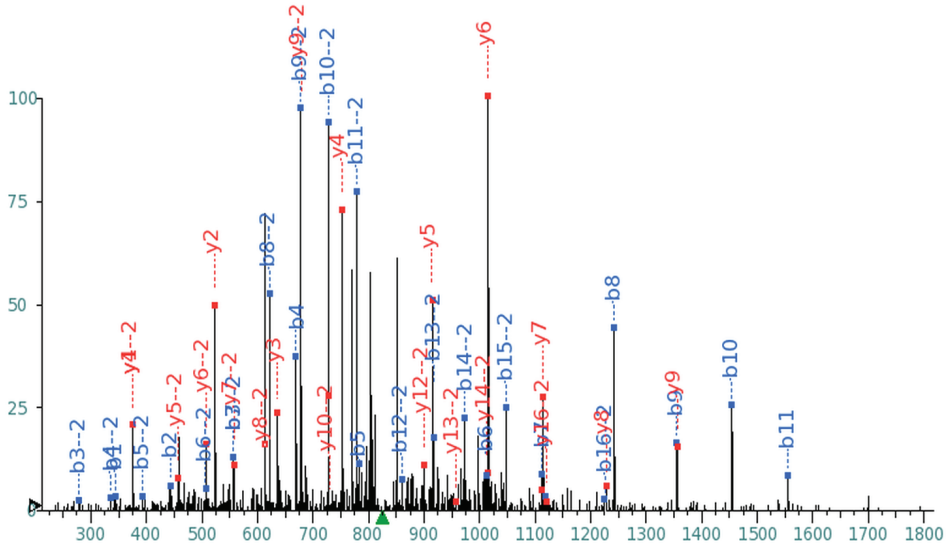
Cys25: IFSAGVSACLADIITFPLDTAK



Predicted Fragmentation Pattern

Seq	#	+1 b: Δ Error	+1 b	+1 y	+1 y: Δ Error	+1	+2 b: Δ Error	+2 b	+2 y	+2 y: Δ Error	+2
I	1	**524.631**	**343.254**	---	---	22	---	172.131	---	---	22
F	2	**162.185**	**490.323**	2494.310	---	21	---	245.665	1247.659	---	21
S	3	---	577.355	2347.242	---	20	---	289.181	1174.124	---	20
A	4	**461.631**	**648.392**	2260.210	---	19	---	324.700	1130.608	---	19
G	5	**601.380**	**705.413**	2189.173	---	18	---	353.210	**1095.090**	**-294.197**	18
V	6	**126.665**	**804.482**	2132.151	---	17	**2315.021**	**402.744**	1066.579	---	17
S	7	**219.920**	**891.514**	2033.083	---	16	---	446.261	1017.045	---	16
A	8	**100.235**	**962.551**	1946.051	---	15	---	481.779	**973.529**	**430.385**	15
C	9	**49.480**	**1190.608**	1875.014	---	14	**1243.727**	**595.807**	938.010	---	14
L	10	**267.627**	**1303.692**	1646.957	---	13	**506.510**	**652.350**	823.982	---	13
A	11	**181.283**	**1374.729**	1533.873	---	12	**912.326**	**687.868**	**767.440**	**23.401**	12
D	12	**170.915**	**1489.756**	**1462.835**	**192.384**	11	**1237.021**	**745.382**	**731.921**	**1052.135**	11
I	13	**87.923**	**1602.840**	1347.809	---	10	**920.092**	**801.924**	674.408	---	10
I	14	**87.844**	**1715.924**	**1234.724**	**78.221**	9	**704.462**	**858.466**	**617.866**	**861.803**	9
T	15	---	1816.972	**1121.640**	**91.618**	8	**412.291**	**908.989**	561.324	---	8
F	16	---	1964.040	**1020.593**	**140.099**	7	**180.136**	**982.524**	**510.800**	**57.218**	7
P	17	---	2061.093	**873.524**	**121.554**	6	**737.764**	**1031.050**	**437.266**	**898.715**	6
L	18	---	2174.177	**776.472**	**91.045**	5	---	1087.592	388.739	---	5
D	19	---	2289.204	663.387	---	4	---	1145.106	332.197	---	4
T	20	---	2390.252	**548.361**	**292.212**	3	**422.814**	**1195.629**	274.684	---	3
A	21	---	2461.289	**447.313**	**179.774**	2	**354.641**	**1231.148**	224.160	---	2
K	22	---	---	**376.276**	**636.399**	1	---	---	188.642	---	1

Cys188: NVIINCTELVTYDLM*K

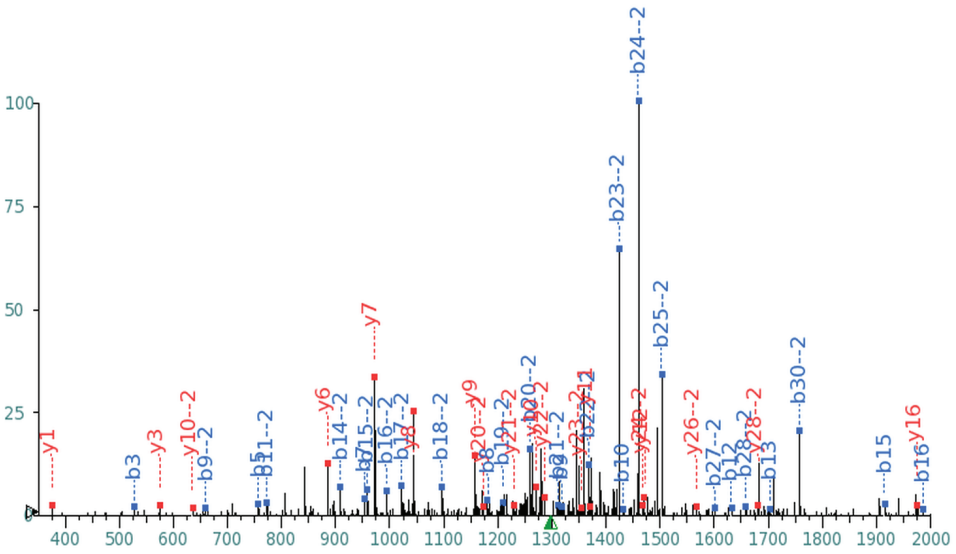


Predicted Fragmentation Pattern

			+1			
Seq	#	b: Δ Error	b	y	y: Δ Error	+1
N	1	262.271	344.213	---	---	16
V	2	-571.862	443.282	2125.112	---	15
I	3	88.829	556.366	2026.044	---	14
I	4	-281.210	669.450	1912.960	---	13
N	5	311.288	783.493	1799.876	---	12
C	6	99.278	1011.549	1685.833	---	11
T	7	145.263	1112.597	1457.776	---	10
E	8	100.491	1241.640	1356.728	-714.417	9
L	9	135.917	1354.724	1227.686	127.488	8
V	10	80.195	1453.792	1114.602	213.954	7
T	11	134.671	1554.840	1015.533	106.661	6
Y	12	---	1717.903	914.485	101.841	5
D	13	---	1832.930	751.422	157.035	4
L	14	---	1946.014	636.395	208.368	3
M*	15	---	2093.050	523.311	12.404	2
K	16	---	---	376.276	386.123	1

			+2			
Seq	#	b: Δ Error	b	y	y: Δ Error	+1
N	1	---	172.610	---	---	16
V	2	---	222.144	1063.060	---	15
I	3	-2061.339	278.686	1013.526	761.779	14
I	4	872.473	335.228	956.984	328.358	13
N	5	935.072	392.250	900.441	234.255	12
C	6	1731.522	506.278	843.420	---	11
T	7	-695.834	556.802	729.392	-1127.578	10
E	8	456.938	621.324	678.868	-1041.958	9
L	9	435.874	677.866	614.346	-1546.508	8
V	10	306.554	727.400	557.804	-519.208	7
T	11	406.564	777.924	508.270	510.557	6
Y	12	588.177	859.455	457.746	328.493	5
D	13	1047.814	916.969	376.215	548.248	4
L	14	472.993	973.511	318.701	---	3
M*	15	414.402	1047.028	262.159	---	2
K	16	---	---	188.642	---	1

Cys213/224: ILADDVPCHLLSALVAGFCTTLLASPVDVVK



Predicted Fragmentation Pattern

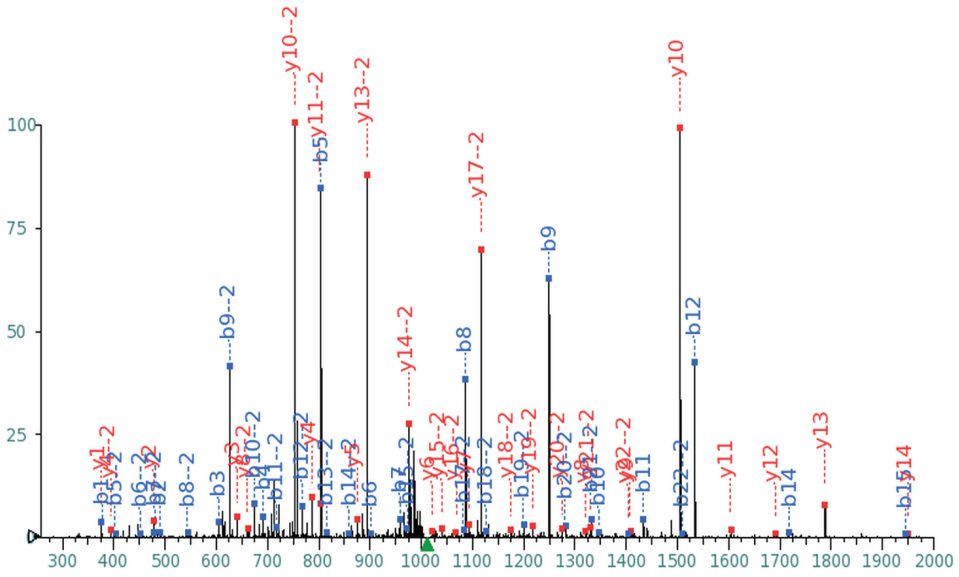
+1

Seq	#	b: Δ Error	b	y	y: Δ Error	+1
I	1	---	343.254	---	---	31
L	2	---	456.338	3546.879	---	30
A	3	171.908	527.375	3433.795	---	29
D	4	---	642.402	3362.758	---	28
D	5	103.276	757.429	3247.731	---	27
V	6	---	856.498	3132.704	---	26
P	7	787.027	953.551	3033.635	---	25
C	8	-791.830	1181.607	2936.583	---	24
H	9	208.589	1318.666	2708.526	---	23
L	10	-531.184	1431.750	2571.467	---	22
L	11	---	1544.834	2458.383	---	21
S	12	299.881	1631.866	2345.299	---	20
A	13	248.110	1702.904	2258.267	---	19
L	14	---	1815.988	2187.230	---	18
V	15	41.491	1915.056	2074.146	---	17
A	16	217.217	1986.093	1975.077	-11.753	16
G	17	---	2043.115	1904.040	---	15
F	18	---	2190.183	1847.019	---	14
C	19	---	2418.240	1699.950	---	13
T	20	---	2519.288	1471.893	-613.427	12
T	21	---	2620.335	1370.846	291.774	11
L	22	---	2733.419	1269.798	310.910	10
L	23	---	2846.503	1156.714	114.890	9
A	24	---	2917.540	1043.630	113.732	8
S	25	---	3004.573	972.593	122.670	7
P	26	---	3101.625	885.561	32.374	6
V	27	---	3200.694	788.508	---	5
D	28	---	3315.721	689.440	---	4
V	29	---	3414.789	574.413	71.245	3
V	30	---	3513.857	475.344	---	2
K	31	---	---	376.276	-230.416	1

+2

Seq	#	b: Δ Error	b	y	y: Δ Error	+1
I	1	---	172.131	---	---	31
L	2	---	228.673	1773.943	---	30
A	3	---	264.191	1717.401	---	29
D	4	---	321.705	1681.883	-255.949	28
D	5	---	379.218	1624.369	---	27
V	6	---	428.753	1566.856	475.257	26
P	7	---	477.279	1517.321	---	25
C	8	---	591.307	1468.795	-223.489	24
H	9	-573.910	659.837	1354.767	92.475	23
L	10	---	716.379	1286.237	-434.976	22
L	11	451.791	772.921	1229.695	-608.487	21
S	12	---	816.437	1173.153	-784.097	20
A	13	---	851.955	1129.637	---	19
L	14	323.701	908.497	1094.118	---	18
V	15	396.898	958.032	1037.576	---	17
A	16	59.911	993.550	988.042	---	16
G	17	386.253	1022.061	952.524	---	15
F	18	666.679	1095.595	924.013	---	14
C	19	151.311	1209.624	850.479	---	13
T	20	-560.967	1260.147	736.450	---	12
T	21	265.368	1310.671	685.926	---	11
L	22	575.077	1367.213	635.403	258.476	10
L	23	544.344	1423.755	578.861	---	9
A	24	582.573	1459.274	522.319	---	8
S	25	536.406	1502.790	486.800	---	7
P	26	---	1551.316	443.284	---	6
V	27	228.160	1600.850	394.758	---	5
D	28	436.344	1658.364	345.223	---	4
V	29	---	1707.898	287.710	---	3
V	30	556.617	1757.432	238.176	---	2
K	31	---	---	188.642	---	1

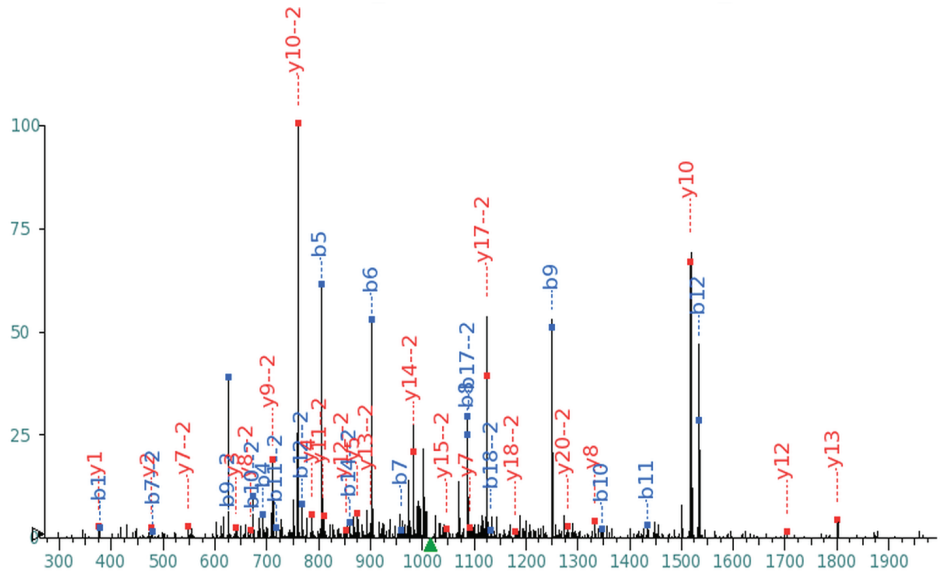
Cys253: FINSLPGQYPSVPSCAM*SM*YTK



Predicted Fragmentation Pattern

			+1					+2				
Seq	#	b: Δ Error	b	y	y: Δ Error	+1	Seq	#	b: Δ Error	b	y	y: Δ Error	+1
F	1	-2218.029	377.239	---	---	22	F	1	---	189.123	---	---	22
I	2	215.629	490.323	2660.261	---	21	I	2	---	245.665	1330.634	323.100	21
N	3	223.522	604.366	2547.177	---	20	N	3	---	302.686	1274.092	161.072	20
S	4	161.879	691.398	2433.134	---	19	S	4	---	346.202	1217.071	592.139	19
L	5	162.313	804.482	2346.102	---	18	L	5	2198.855	402.744	1173.555	27.715	18
P	6	568.994	901.534	2233.018	---	17	P	6	278.814	451.271	1117.012	375.440	17
G	7	146.530	958.556	2135.965	---	16	G	7	-974.369	479.782	1068.486	-591.355	16
Q	8	106.703	1086.615	2078.943	---	15	Q	8	1568.204	543.811	1039.975	410.281	15
Y	9	71.218	1249.678	1950.885	27.725	14	Y	9	492.216	625.343	975.946	371.190	14
P	10	716.727	1346.731	1787.822	96.666	13	P	10	207.308	673.869	894.414	376.974	13
S	11	122.631	1433.763	1690.769	156.800	12	S	11	586.276	717.385	845.888	---	12
V	12	99.781	1532.831	1603.737	612.551	11	V	12	389.851	766.919	802.372	437.423	11
P	13	---	1629.884	1504.668	99.044	10	P	13	985.104	815.446	752.838	399.156	10
S	14	102.902	1716.916	1407.616	186.087	9	S	14	-61.692	858.962	704.311	---	9
C	15	-461.537	1944.973	1320.584	134.531	8	C	15	-1022.404	972.990	660.795	870.990	8
A	16	---	2016.010	1092.527	101.599	7	A	16	---	1008.509	546.767	---	7
M*	17	---	2163.045	1021.490	145.107	6	M*	17	634.640	1082.026	511.248	---	6
S	18	---	2250.077	874.454	163.640	5	S	18	290.662	1125.542	437.731	---	5
M*	19	---	2397.113	787.422	-1023.468	4	M*	19	581.052	1199.060	394.215	461.435	4
Y	20	---	2560.176	640.387	153.387	3	Y	20	298.313	1280.592	320.697	---	3
T	21	---	2661.224	477.323	98.855	2	T	21	647.490	1331.115	239.165	---	2
K	22	---	---	376.276	340.090	1	K	22	---	---	188.642	---	1

Cys253: FINSLPGQYPSVPSC#AM*SM*YTK

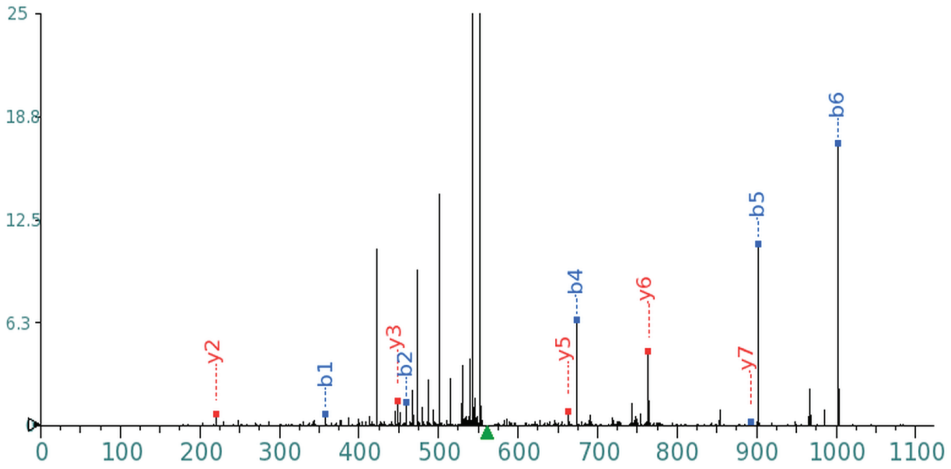


Predicted Fragmentation Pattern

			+1			
Seq	#	b: Δ Error	b	y	y: Δ Error	+1
F	1	-2233.224	377.239	---	---	22
I	2	---	490.323	2673.281	---	21
N	3	---	604.366	2560.197	---	20
S	4	86.067	691.398	2446.154	---	19
L	5	112.632	804.482	2359.122	---	18
P	6	-262.124	901.534	2246.038	---	17
G	7	26.143	958.556	2148.985	---	16
Q	8	166.901	1086.615	2091.964	---	15
Y	9	75.027	1249.678	1963.905	---	14
P	10	-554.048	1346.731	1800.842	201.198	13
S	11	239.571	1433.763	1703.789	566.259	12
V	12	110.928	1532.831	1616.757	---	11
P	13	---	1629.884	1517.689	66.419	10
S	14	---	1716.916	1420.636	---	9
C#	15	---	1957.993	1333.604	69.877	8
A	16	---	2029.030	1092.527	-734.910	7
M*	17	---	2176.066	1021.490	---	6
S	18	---	2263.098	874.454	-908.208	5
M*	19	---	2410.133	787.422	-990.381	4
Y	20	---	2573.196	640.387	199.500	3
T	21	---	2674.244	477.323	489.970	2
K	22	---	---	376.276	-1360.941	1

			+2			
Seq	#	b: Δ Error	b	y	y: Δ Error	+1
F	1	---	189.123	---	---	22
I	2	---	245.665	1337.144	---	21
N	3	---	302.686	1280.602	-511.107	20
S	4	---	346.202	1223.581	---	19
L	5	---	402.744	1180.065	-463.447	18
P	6	---	451.271	1123.523	447.243	17
G	7	-348.219	479.782	1074.996	---	16
Q	8	---	543.811	1046.486	548.906	15
Y	9	644.011	625.343	982.456	381.388	14
P	10	358.119	673.869	900.925	414.520	13
S	11	1182.991	717.385	852.398	309.263	12
V	12	412.594	766.919	808.882	473.624	11
P	13	---	815.446	759.348	293.635	10
S	14	686.638	858.962	710.822	823.414	9
C#	15	---	979.500	667.306	1274.937	8
A	16	---	1015.019	546.767	747.334	7
M*	17	-753.550	1088.536	511.248	---	6
S	18	-35.343	1132.052	437.731	---	5
M*	19	---	1205.570	394.215	---	4
Y	20	---	1287.102	320.697	---	3
T	21	---	1337.626	239.165	---	2
K	22	---	---	188.642	---	1

Cys307: QTVDCTT



Predicted Fragmentation Pattern

Seq	#	b: Δ Error	b	y	y: Δ Error	+1
Q	**1**	**86.474**	**358.229**	---	**---**	**7**
T	**2**	**259.928**	**459.276**	**764.313**	**-877.014**	**6**
V	**3**	**---**	558.345	**663.265**	**-895.775**	**5**
D	**4**	**212.154**	**673.372**	564.197	**---**	**4**
C	**5**	**72.609**	**901.429**	**449.170**	**160.957**	**3**
T	**6**	**84.091**	**1002.476**	**221.113**	**485.410**	**2**
T	**7**	**---**	---	120.066	**---**	**1**