

Peptide 1
 ILNXTSFAK

2+ ions

1A

CID			ETD		
	m/z	relative intensity		m/z	relative intensity
b2	227.22	11.42	c5°	615.37	3.51
b4	498.29	7.29	c6°	702.4	27.42
b5	599.43	2.87	c7	850.48	25.03
b6	686.38	2.5	c8	921.51	43.77
b7	833.51	2.3			
b8	904.5	3.15	z4	437.24	20.57
			z5	538.29	21.47
y2	218.19	4.24	z6°	694.36	27.45
y4	452.31	9.68	z7°	808.41	21.43
y5	553.26	21.56	z8°	921.51	43.77
y6	710.43	6.78			
y7	824.45	61.39			
y8	937.5	4.16			

Figure
 1B

Peptide 2
 VVEXHQ SACK

3+ ions

CID			ETD		
	m/z	relative intensity		m/z	relative intensity
b2	199.06	14.08	c2	216.17	12.46
b3	328.22	1.58	c3	345.21	45.01
b4	485.37	0.85	c4	502.3	30.73
			c5	639.36	57.15
y5	536.29	1.58	c6	767.41	48.96
y6	673.34	3.34	c7	854.45	19.31
[y8]2+	480.19	8.11	c8	925.5	4.35
[y9]2+	529.8	34.1	c9	1028.49	11.36
			z3°	305.14	5.81
			z4°	392.17	26.91
			z5°	520.23	34.64
			z6°	657.29	23.73
			z7°	814.37	36.78
			z8°	943.41	15.64
			z9	1043.49	8.46

Peptide 2
 (VVEXHQSACK)₂

4+ dimer ions 1C

ETD		
	m/z	relative intensity
c3	345.21	7.93
c4	502.3	18.49
c5	639.36	22.68
c6	767.4	10
c7	854.44	6.24
c8	925.47	3.98
Z6° - H	656.28	8.12
Z7° - H	813.36	9.95
Z8° - H	942.42	5.66

Figure
 1D

Peptide 3
 LYNLHGDXSYVLSK

2+ ions

CID			ETD		
	m/z	relative intensity		m/z	relative intensity
b4	504.35	1.26	c8°	986.49	8.79
b8	970.52	0.67	c9°	1073.52	14.47
b9	1057.47	0.54	c10°	1236.59	15.41
b10	1220.51	0.96	c11°	1335.66	8.05
b11	1319.56	2.96	c12	1448.73	3.22
b12	1432.61	2.77	c13	1536.79	5.74
b13	1519.78	0.63			
y7	853.5	1.51	z7°	837.46	3.05
y8	968.59	0.97	z8	953.5	19.4
y9	1025.52	8.94	z9	1010.52	8.9
y10	1162.55	5.87	z10°	1146.57	12.22
y11	1275.57	0.9	z11°	1259.65	9.93
y12	1389.62	2.5	z12°	1373.69	11.84
			z13	1537.77	6.15

Figure
 1E

Peptide 3

3+ ions

LYNLHGDXSYVLSK

CID			ETD		
	m/z	relative intensity		m/z	relative intensity
b7	813.42	1.15	c3	408.22	14.38
b8	970.56	0.27	c4	521.31	59.52
b9	1057.45	0.25	c5	658.37	36.35
b10	1220.61	0.06	c6	715.39	37.7
b11	1319.69	0.08	c7	830.42	10.21
y6	696.48	24.98	c8	987.5	53.93
y7	853.53	0.75	c9	1074.53	53.95
y8	968.47	0.1	c10	1237.58	15.35
y9	1025.53	0.97	c11	1336.67	24.15
y10	1162.56	0.15	c12	1449.74	6.08
y11	1275.59	0.01	c13	1536.77	8.86
			z3°	331.21	24.19
			z5°	593.34	58.69
			z6°	680.37	47.38
			z8°	952.49	29.99
			z9°	1009.5	33.11
			z10°	1146.57	51.31
			z11°	1259.66	10.75
			z12	1374.73	8.03
			z13°	1536.77	8.86

Figure
 1F

Peptide 4

3+ ions

IHAXEEIFDSXGNPTVEVDLFTSK

CID			ETD		
	m/z	relative intensity		m/z	relative intensity
b3	322.32	1.01	c2	268.17	3.19
b4	479.32	1.6	c3	339.21	2.62
b5	608.33	1.46	c4	496.3	13.24
b6	737.44	5.7	c5	625.34	21.44
b7	850.47	23.62	c6	754.38	16.72
b8	997.49	14.83	c7	867.46	7.87
b9	1112.4	16.7	c8	1014.53	16.97
b10	1199.48	8.28	c9	1129.56	15.57
b11	1356.57	4.86	c10	1216.59	5.05
b12	1413.63	5.27	c11	1373.67	20.07
b13	1527.71	22.67	c12	1430.7	23.15
y3	335.36	8.66	c14	1641.79	11.18
y4	482.3	13.4	c15	1742.83	16.25
y5	595.45	7.37	c16	1841.93	1.97
y6	710.43	21.47	c17	1970.95	2.58
y7	809.46	18.91	[c21]2+	1223.11	5.15
y8	938.53	63.63	[c22]2+	1273.63	13.45
y9	1037.6	24.13	[c23]2+	1317.14	29.59
y10	1138.55	8.12	z3	320.17	1.43
y11	1235.6	100	z4°	467.26	1.26
y12	1349.65	6.5	z5°	579.33	2.75
y13	1406.69	24.28	z6°	695.35	12.25
[y18]2+	1013.48	4.85	z7°	793.43	11.14
			z9°	1021.53	25.7
			z10°	1122.57	3.84
			z12°	1333.67	22.83
			z14°	1547.79	14.98
			z15°	1634.82	6.5
			z16	1749.83	12.25
			[z23°]2+	1317.12	29.59