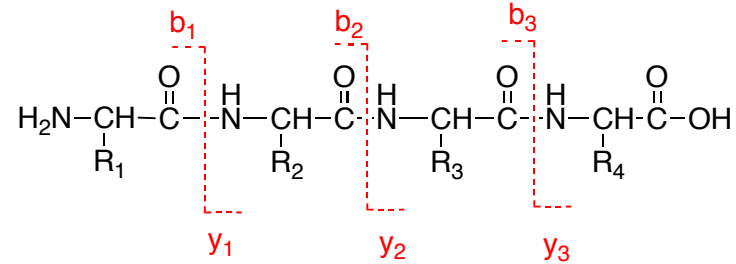
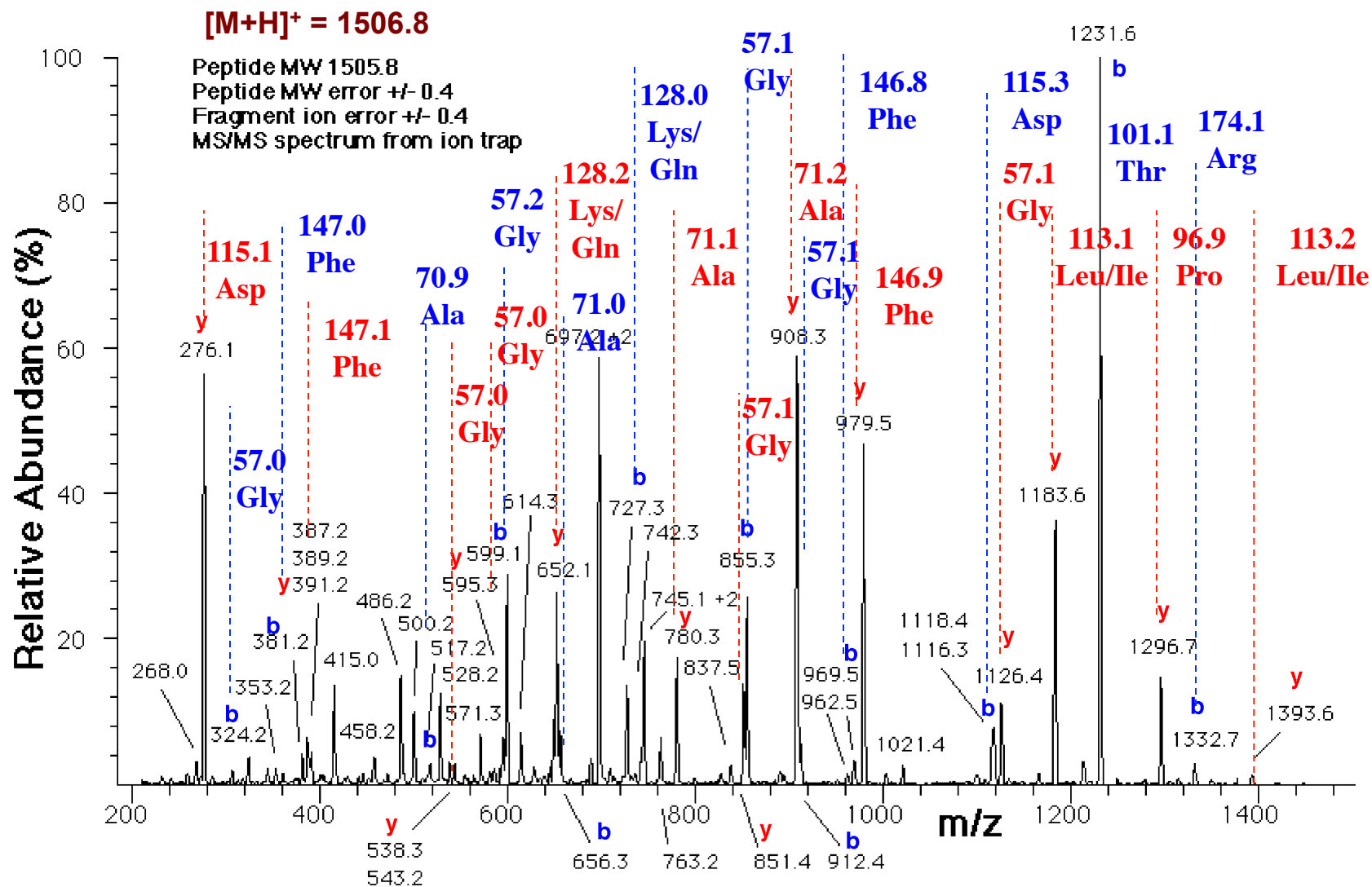


# Amino Acids Sorted by Mass



		<u>average</u>	<u>exact</u>	<u>- HN-CHR-CO</u>
Glycine	G	75.07	75.03	57.1
Alanine	A	89.10	89.05	71.1
Serine	S	105.09	105.04	87.1
Proline	P	115.13	115.05	97.1
Valine	V	117.15	117.08	99.1
Threonine	T	119.12	119.06	101.1
Cysteine	C	121.16	121.02	103.1
Isoleucine	I	131.18	131.09	113.2
Leucine	L	131.18	131.09	113.2
Asparagine	N	132.12	132.05	114.1
Aspartic Acid	D	133.11	133.04	115.1
Glutamine	Q	146.15	146.07	128.2
Lysine	K	146.19	146.11	128.1
Glutamic Acid	E	147.13	147.13	129.1
Methionine	M	149.21	149.05	131.2
Histidine	H	155.16	155.02	137.1
Phenylalanine	F	165.19	165.19	147.2
Arginine	R	174.20	174.11	156.2
Tyrosine	Y	181.19	181.07	163.2
Tryptophan	W	204.23	204.09	186.2



**y-ions:** 1393.6, 1296.7, 1183.6, 1126.4, 979.5, 908.3, 851.4, 780.3, 652.1, 595.3, 538.3, 391.2, 276.1  
**b-ions:** 1332.7, 1231.6, 1116.3, 969.5, 912.4, 855.3, 727.3, 656.3, 599.1, 528.2, 381.2, 324.2

**H<sub>2</sub>N-Ile-Pro-Ile-Gly-Phe-Ala-Gly-Ala-Gln-Gly-Gly-Phe-Asp-**

**-Gly-Phe-Ala-Gly-Ala-Gln-Gly-Gly-Phe-Asp-Thr-Arg-CO<sub>2</sub>H**

dm\_200392\_TpepC\_std #587 RT: 20.55 AV:1 NL: 1.95E7  
T: + c d Full ms2 388.37 @ 40.00 [95.00-790.00]

$[M+H]^+ = 775.39$

