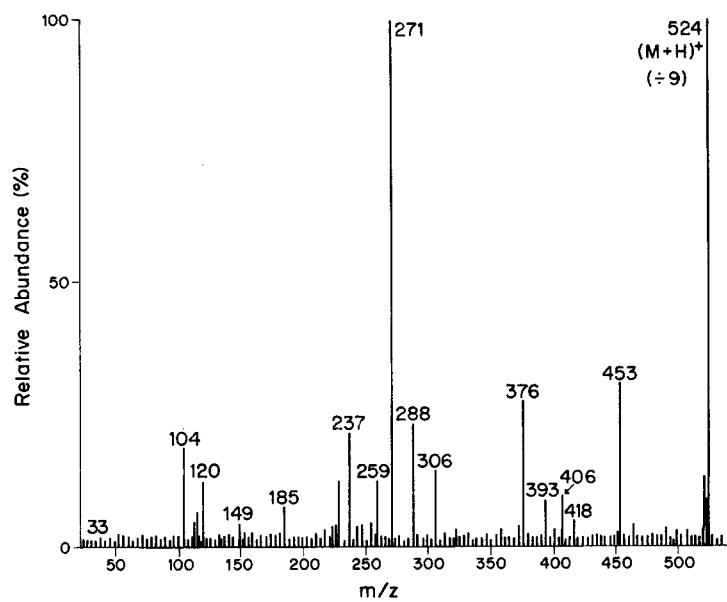


Sequence Analysis

The daughter ion is shown of a protonated tetrapeptide ionized by FAB. What amino acids occur in what sequence in this peptide? Explain the fragmentation pattern.



	Internal Residue Mass		Internal Residue Mass
glycine	57	serine	87
alanine	71	threonine	101
phenylalanine	147	methionine	131
valine	99	tryptophane	186
leucine	113	aspartic acid	115
isoleucine	113	glutamic acid	129
proline	97	arginine	156
cystine	222	histidine	137
tyrosine	163	lysine	128
hydroxyproline	113	asparagine	114