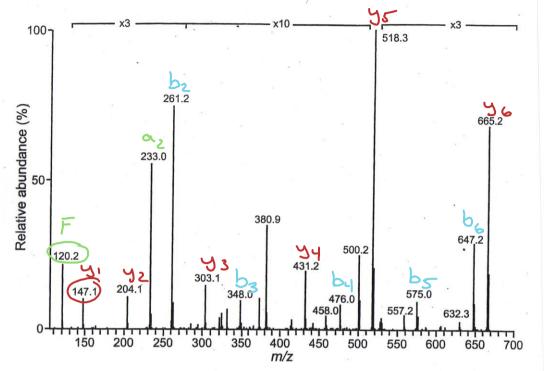
[M+H]+ = 778.6



- 1) Phe immonium ion m/z 120
- 2) bz ion 261,2 az ion 233.0 (L/I F)(YP)(EM)
- 3) C-terminal lysine (147) y, -> bn-1 = 632,3
- 4) $y_{n-2} = 778.6 261.2 + H = 518.4$ $y_{n-1} = 778.6 - Leu/IIe = 665.6$ $y_{n-1} - y_{n-2} = 147 = Phe$
- 5) 518.3-431.2 = 87.3 = Ser = y4 778.6-431.2+H = 348.4 = b3

431.2 - 303, 1 = 128, 1 = 9/k = 73 $778 \cdot 6 - 303$, $1 + 14 = 476 \cdot 5 = 64$

363.1 - 204.1 = 99 = V $778.6 - 204.1 + H = 575.5 = b_5$

6) 632.6-575.0=57.6=6

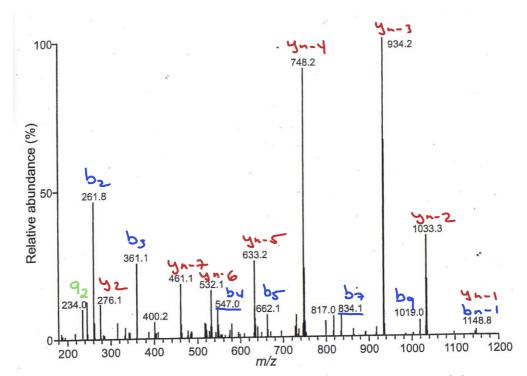
4n-1 yn-2

L/I F S &

L/I F S & V] K

L/I F S % V GK

[M+H]+ = 1295.0



- 1) No immonium ions ble of low mass cutoff
- a) bz 10 n 262 az 10 n 234 (c°s)(c*T)(FN)

 yn-2 = 1295 261, P+H = 1034, 2
- 3) not there although 1295-147=1148= Lys
- 4) yn-1 = 1295-Phe = 1148
- 5) 1033.3 934.2 = 97.1 = V 1295 - 934.2 + H = 361.8 = 63 934.2 - 748.2 = 186 = W1295 - 748.2 + H = 547.2 = 64

748,2 -633,2 = 1/5 = D 1295 - 633,2 + H = 662,8 = b5

633.2-53d.1=101.1=T 1295-532.1=763.9 (Not there) F[N[V[W]]k

FNVWDT

$$y_2 = 147 + (29.1 = 276.1$$