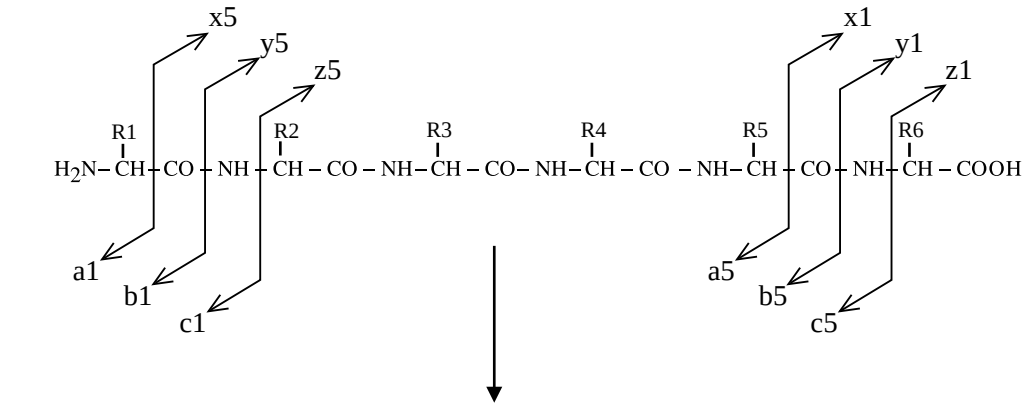
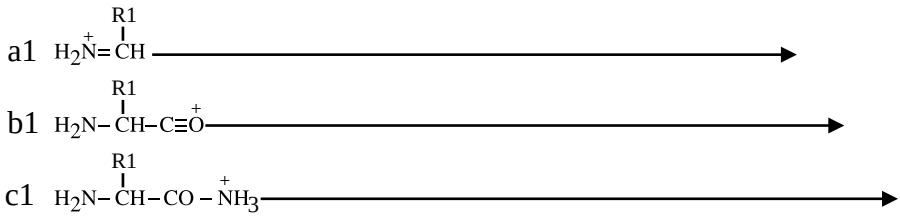
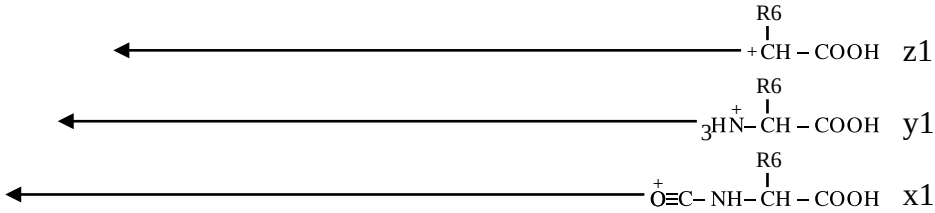




m (a1) = m (monomer 1) − C1O1 + left cap (H1)

m (b1) = m (monomer 1) + left cap (H1)

m (c1) = m (monomer 1) + N1H3 + left cap (H1)

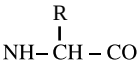


* m (z1) = m (monomer 6) −N1H1 + right cap (O1H1) (variant: +H1)

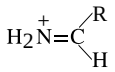
m (y1) = m (monomer 6) + H2 + right cap (O1H1)

m (x1) = m (monomer 6) + C1O1 + right cap (O1H1)

* Note how a z fragment is identical to a [y −NH3] fragment.
In some cases (high CID energy) the z fragment is often seen as a species of mass z+1



canonical monomer



immonium ions