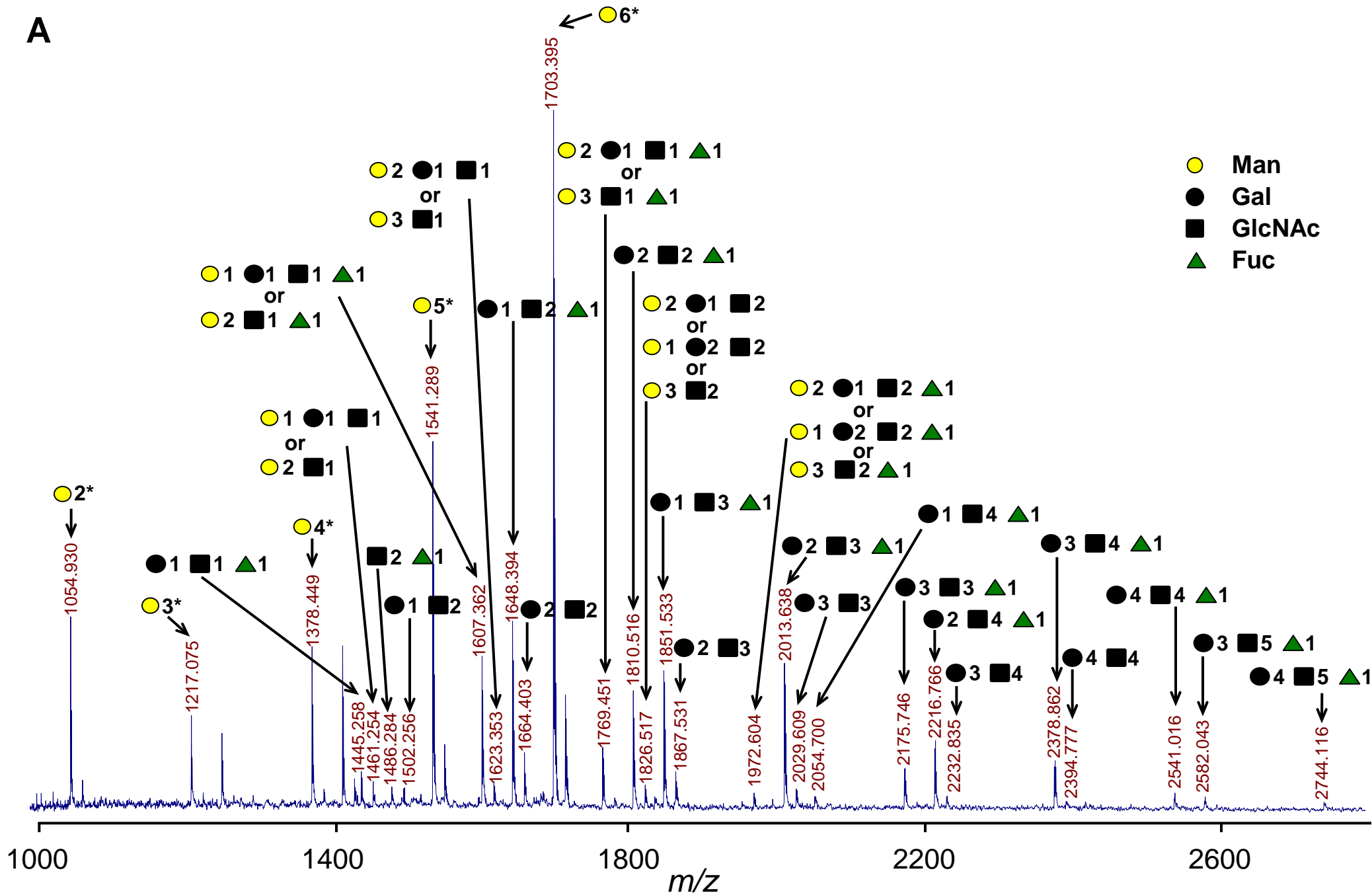
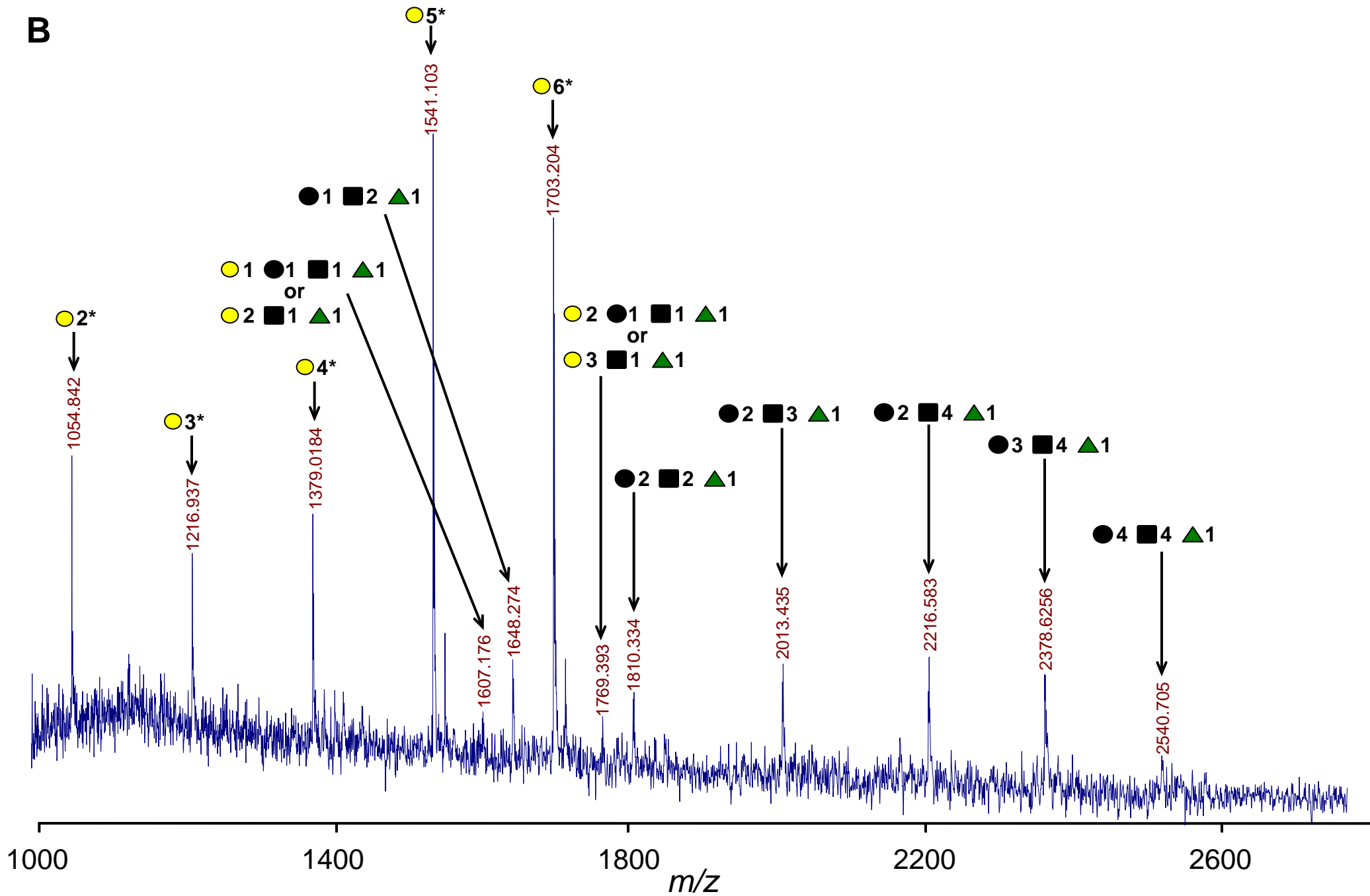
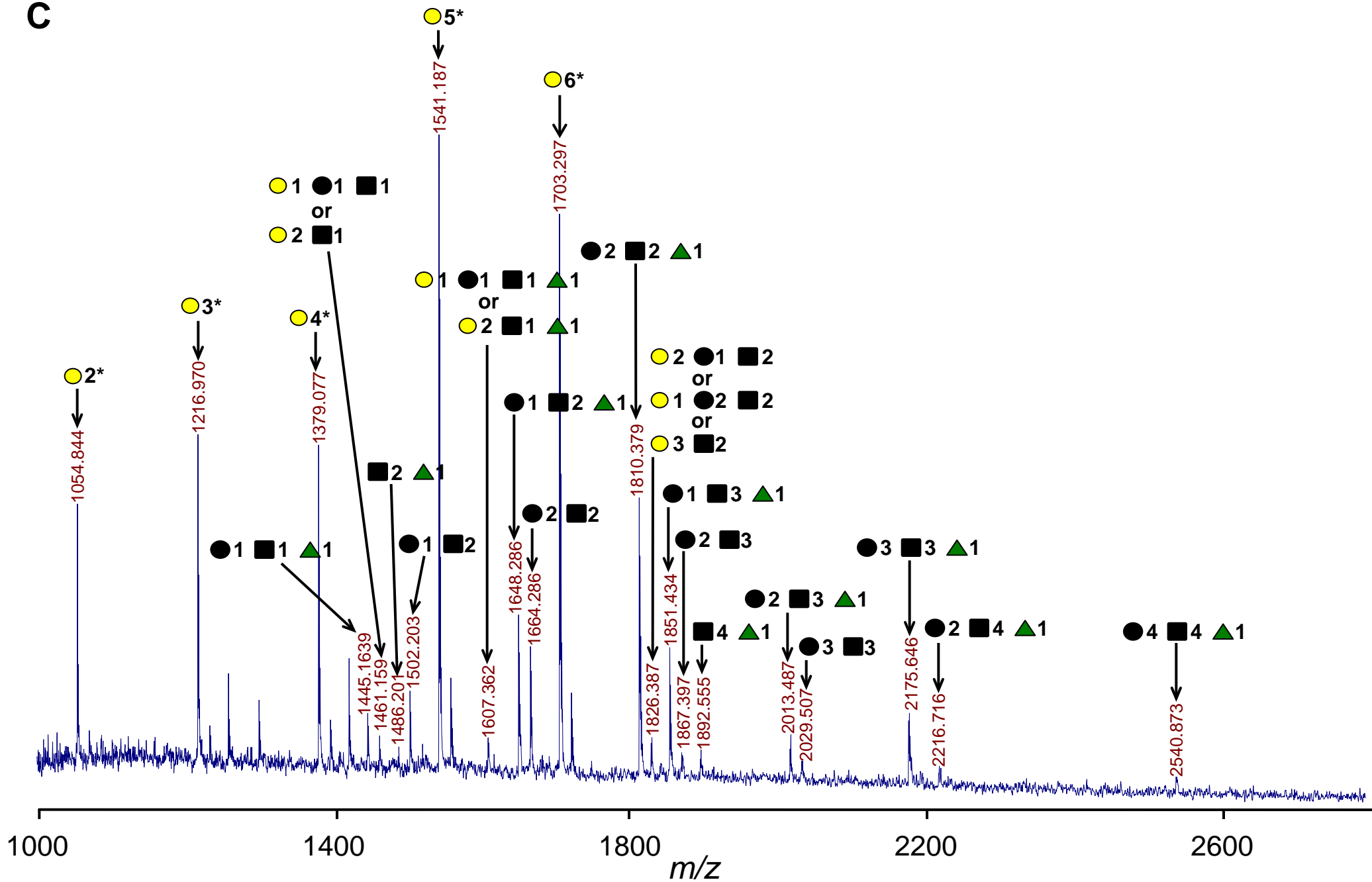
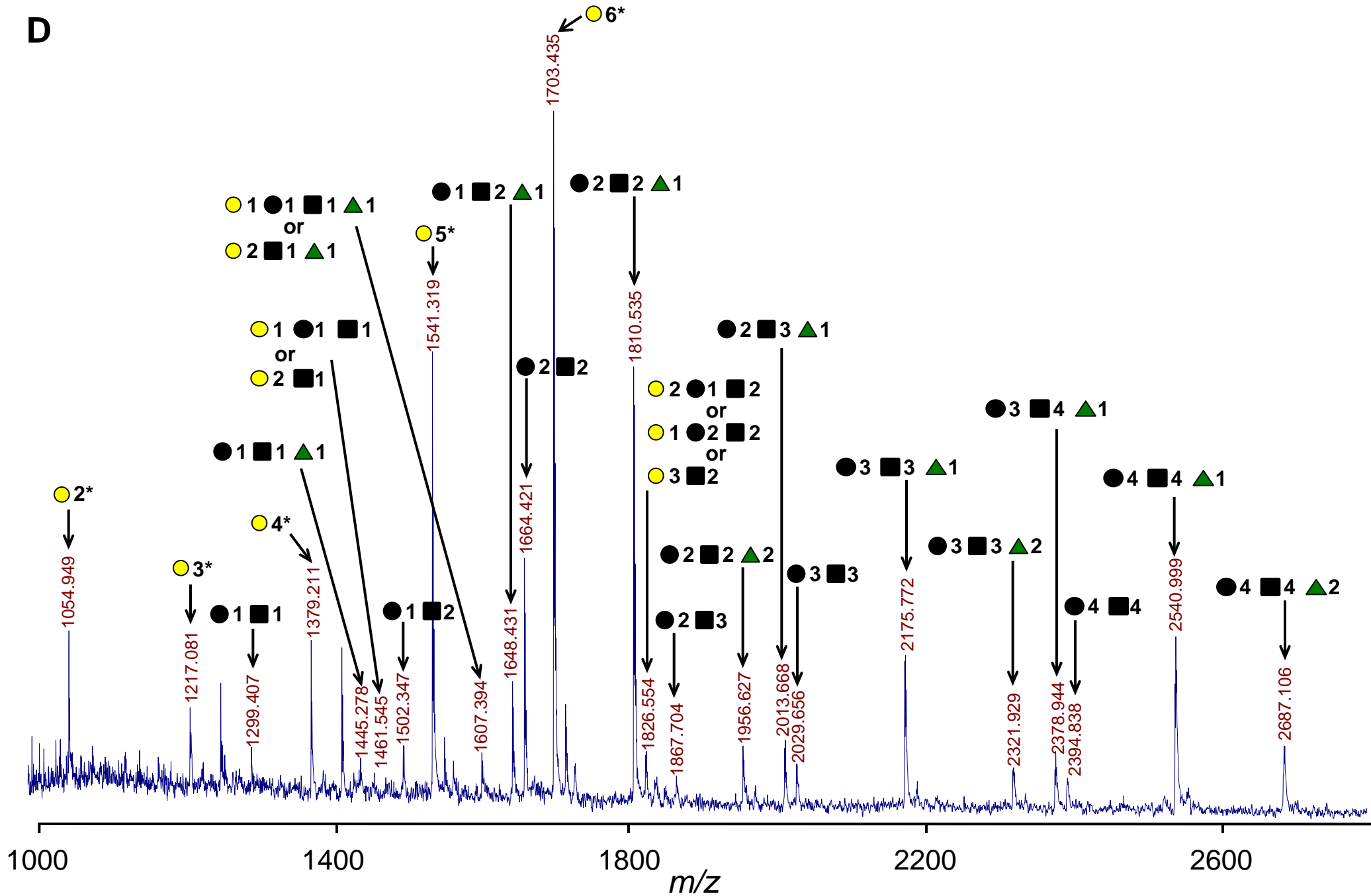


Supplemental Figure 3 MALDI TOF mass spectra of N-glycan from five different gp120 preparations. N-linked oligosaccharides were isolated after digestion with PNGase F of gp120 produced by 293T (A), Jurkat (B), RD (C), HepG2 (D), and CHO (E) cell lines. Symbols with numbers indicate number of saccharides added to the common core (GlcNAc)₂(Man)₃ and the numbers next to the ion peaks indicate molecular mass. Samples prepared with PNGase F enzyme isolated from *Flavobacterium* that contained trace amounts of endo- and exoglycosidases resulted in removing the reducing-end GlcNAc from high-mannose glycans (see methods for details). Identities of these glycans were confirmed by tandem mass spectrometry with LTQ mass spectrometry. *Denotes high-mannose glycans with (GlcNAc)₁(Man)₃ core. Representative results from two experiments are shown.

A

B

C

D

E