

Figure S1 ETD analysis of scrambled disulfides at N- terminal (A) and C-terminal (B) region of the light chain of anti-HER2 (band A2 from Figure 3A)

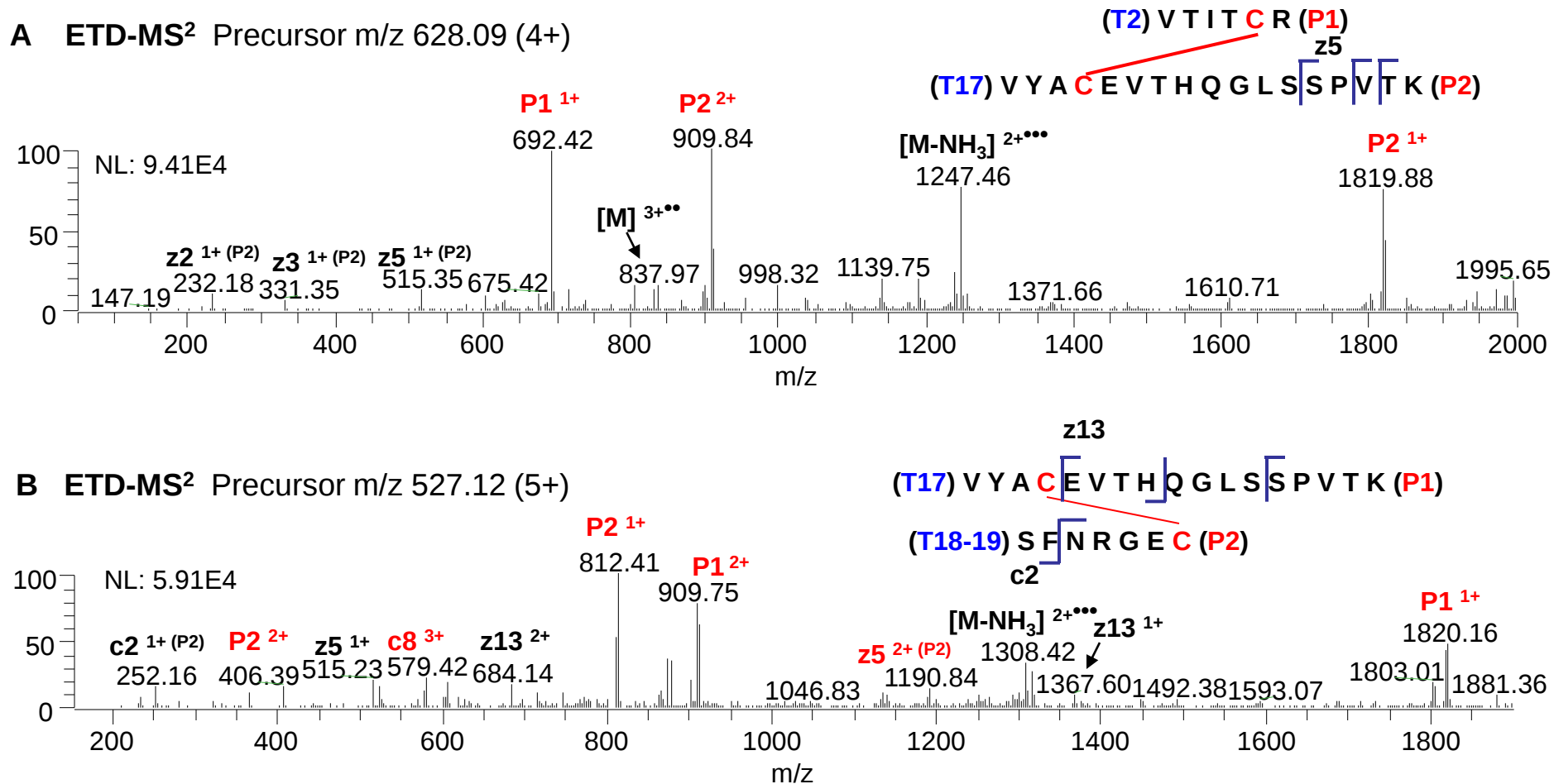


Figure S2 ETD analysis of scrambled disulfides at Fab (A) and Fc (B) region of the heavy chain of anti-HER2 (band A1a from Figure 3A)

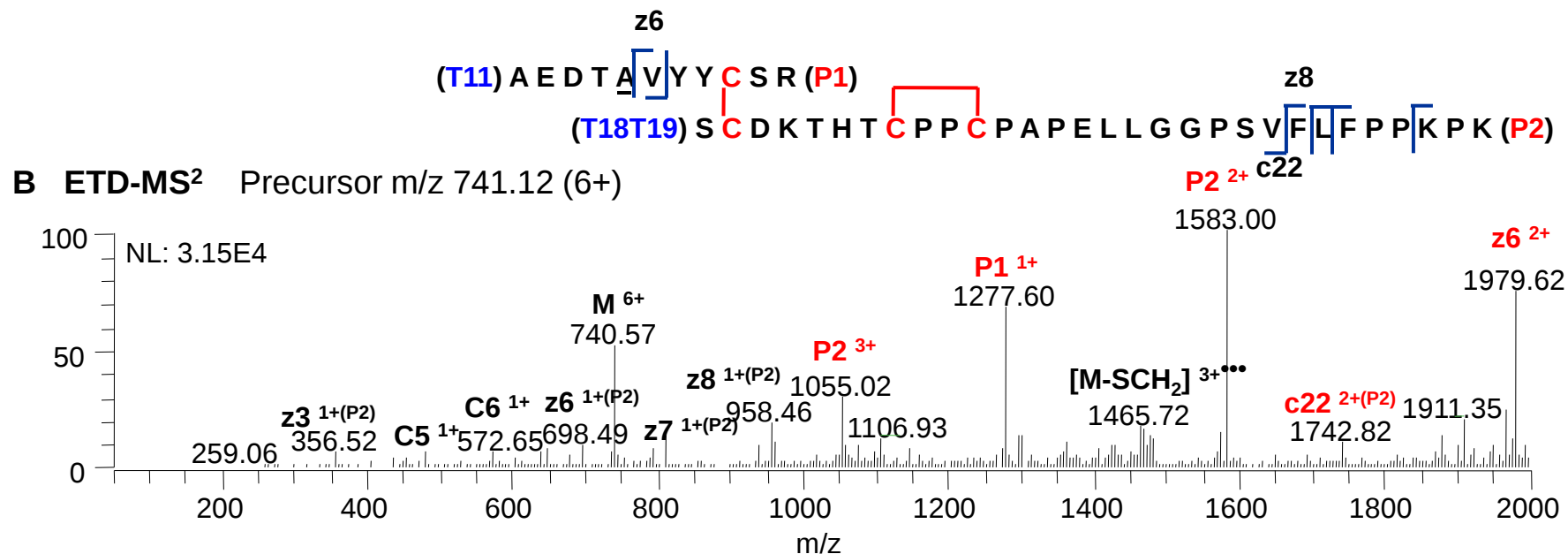
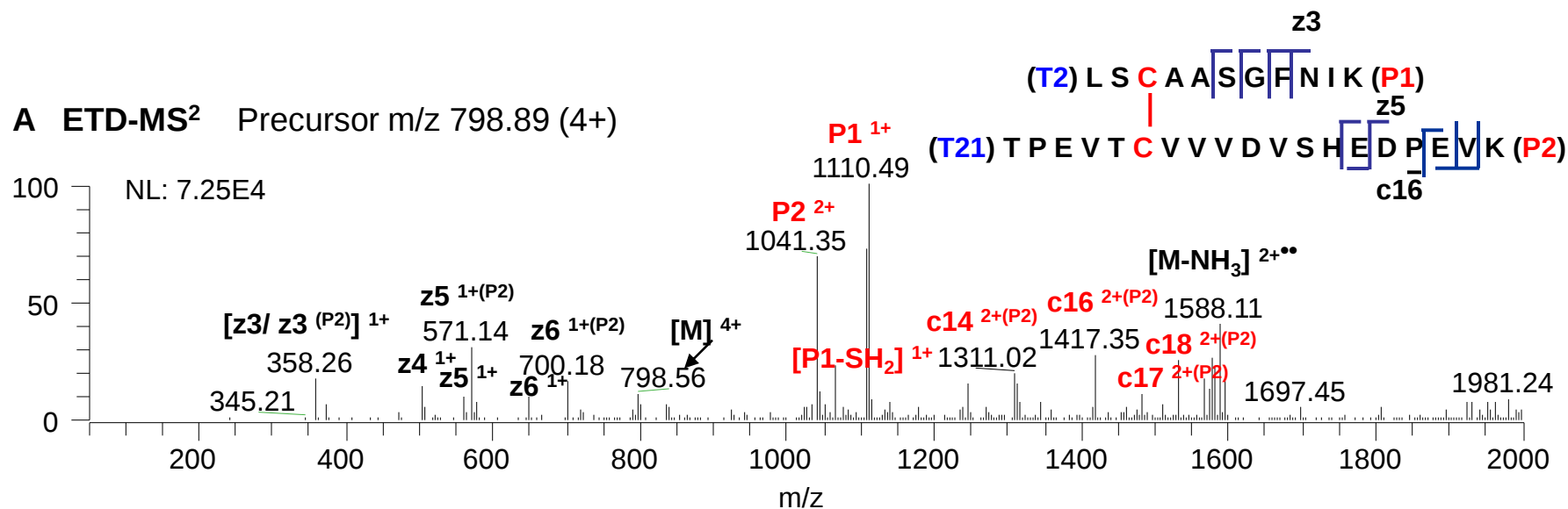


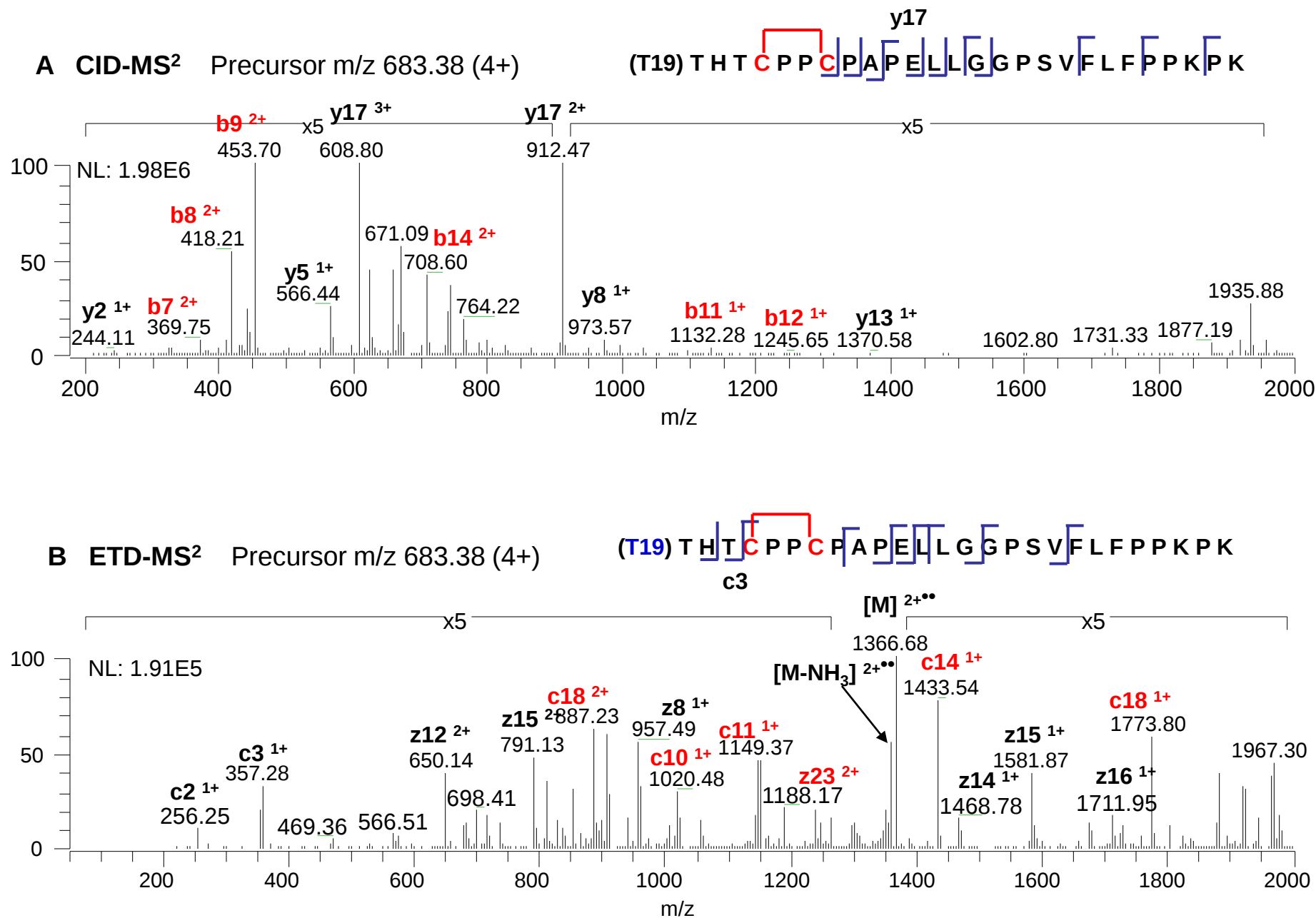
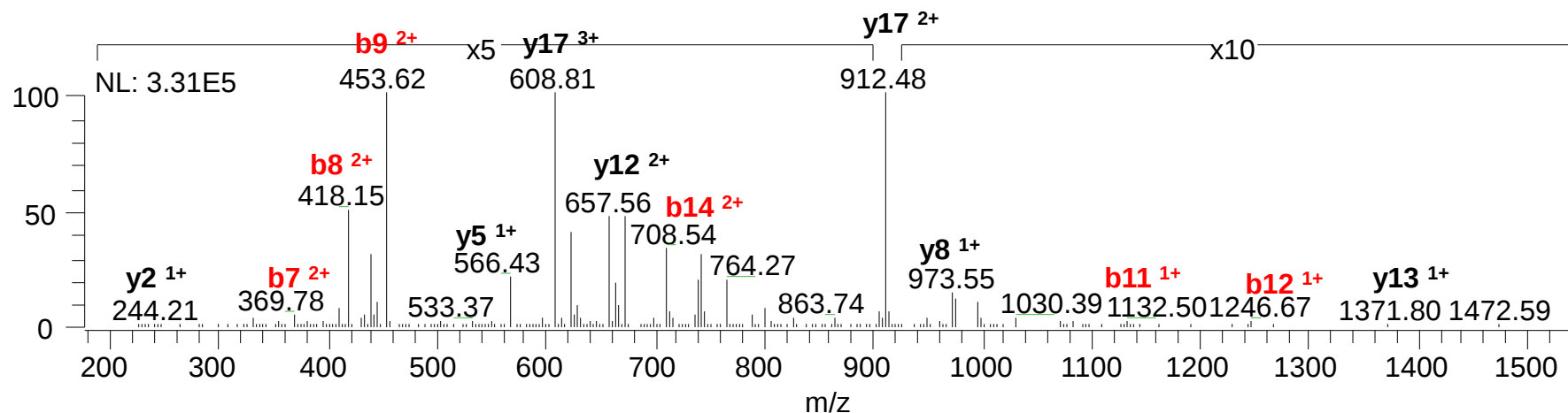
Figure S3**Intra-disulfide in CxxC (T19) from Anti-Her2**

Figure S4**Intra-disulfide in CxxC (T19) from Anti-CD11a****A CID-MS² Precursor m/z 683.60 (4+)****B ETD-MS² Precursor m/z 683.60 (4+)**