

### Supplementary Figure S3

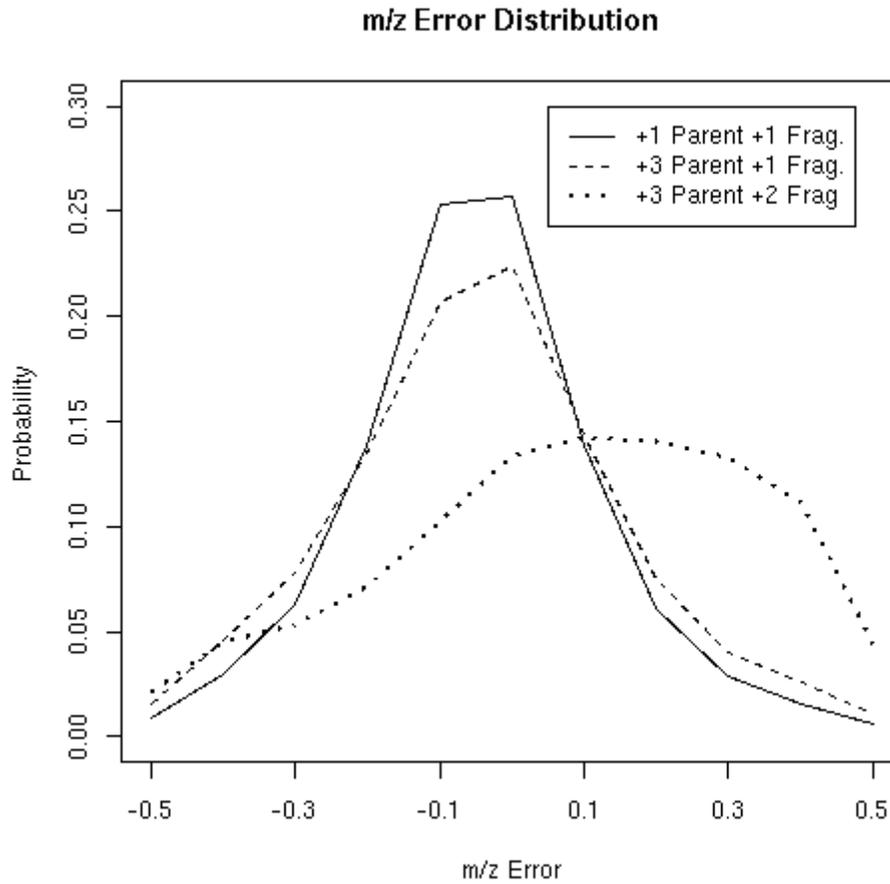


Figure S3: This figure shows the distribution of true identifications with respect to  $m/z$  error. Note that +2 fragment peaks in a +3 parent spectra have different behaviors. This is due to the interference from the first isotope peak.