Supplementary Material for

Tunable Charge Tags for Electron-Based Methods of Peptide Sequencing. Design and Applications

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Figure S1. ETD-CID-MS3 spectra of charge-reduced \( m/z \) 697 ions from (top) AQC-HAAAR and (bottom) AQC-AHAAR.
Figure S2. ETD-CID-MS$^3$ spectra of m/z 525 fragment cation-radicals by loss of AQC from (a) AQC-HAAAR and (b) AQC-AHAAR.
Figure S3. ETD-CID-MS$^3$ spectra of the m/z 525 fragment cation-radical from (c) AQC-AAHAR and (d) m/z 526 fragment ion from AQC-AAAHR.
Figure S4. ETD mass spectra of doubly charged (top) DMAP-AASAR (m/z 319) and (bottom) DMAP-AAWAR (m/z 368) ions.
Figure S5. ETD-CID-MS$^3$ spectra of cation-radical fragments by loss of DMAP from (top) DMAP-AASAR ($m/z$ 516) and (bottom) DMAP-AAWAR ($m/z$ 615).