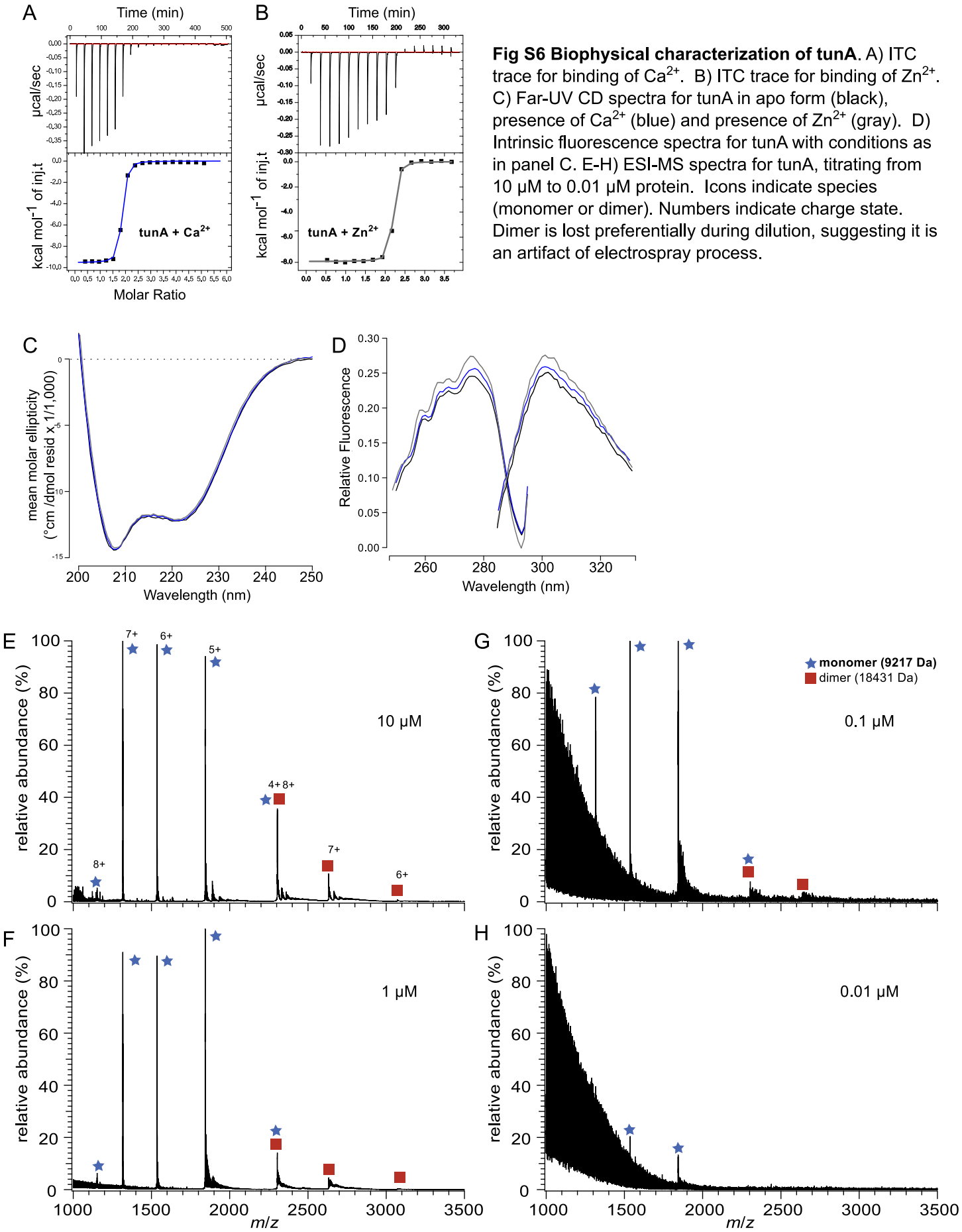

Fig S6 Biophysical characterization of tunA. A) ITC trace for binding of Ca^{2+}. B) ITC trace for binding of Zn^{2+}. C) Far-UV CD spectra for tunA in apo form (black), presence of Ca^{2+} (blue) and presence of Zn^{2+} (gray). D) Intrinsic fluorescence spectra for tunA with conditions as in panel C. E-H) ESI-MS spectra for tunA, titrating from 10 µM to 0.01 µM protein. Icons indicate species (monomer or dimer). Numbers indicate charge state. Dimer is lost preferentially during dilution, suggesting it is an artifact of electrospray process.