

Supplementary Materials

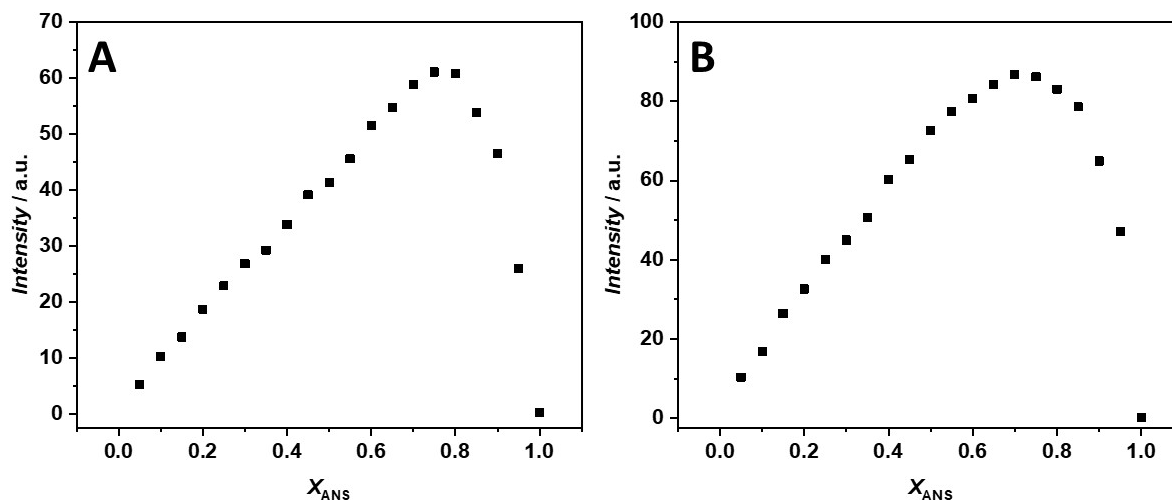


Figure S1. Job's plot for ANS:BSA complex formation obtained in the presence of 250 mM $MgCl_2$ at the temperature of (A) 5 °C and (B) 15 °C and at the pressure of 1 bar. The total concentration ((ANS) + (BSA)) was 35 μM .

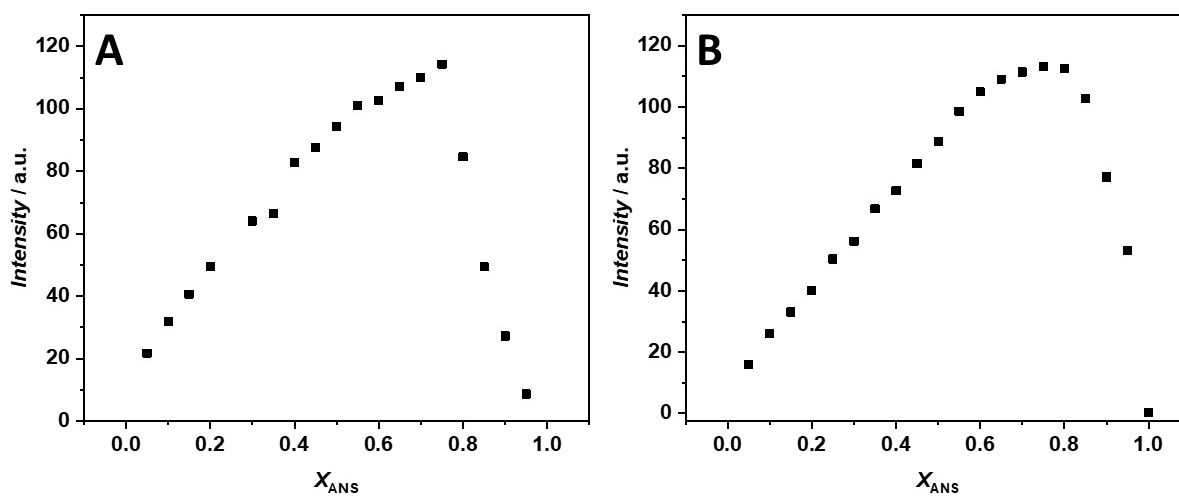


Figure S2. Job's plot for ANS:BSA complex formation obtained in the presence of 250 mM $MgSO_4$ at the temperature of (A) 5 °C and (B) 15 °C and at the pressure of 1 bar. The total concentration ((ANS) + (BSA)) was 35 μM .

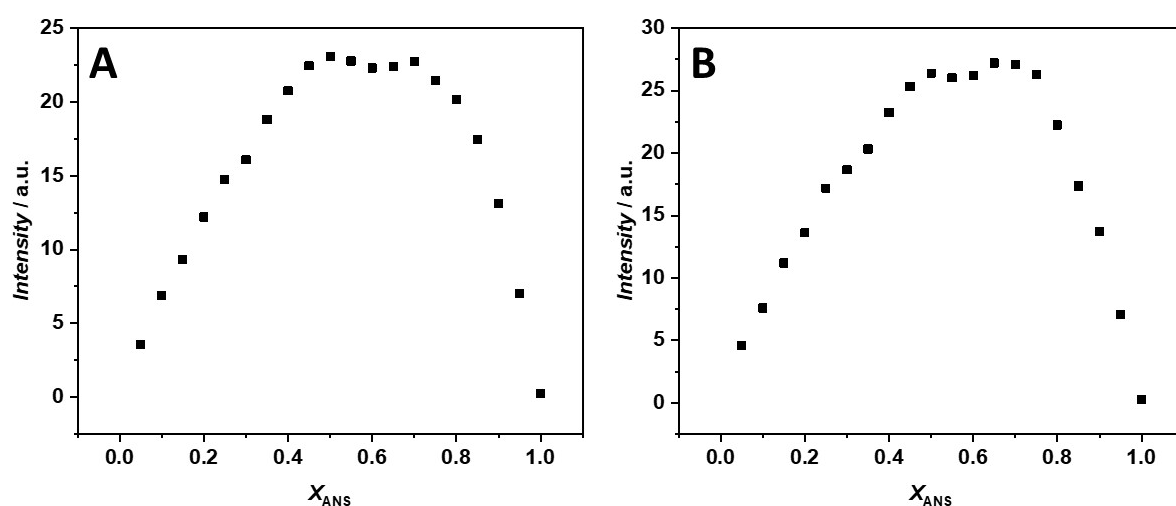


Figure S3. Job's plot for ANS:BSA complex formation obtained in the presence of 250 mM $Mg(ClO_4)_2$ at (A) 5 °C and (B) 15 °C and at the pressure of 1 bar. The total concentration ((ANS) + (BSA)) was 35 μ M.

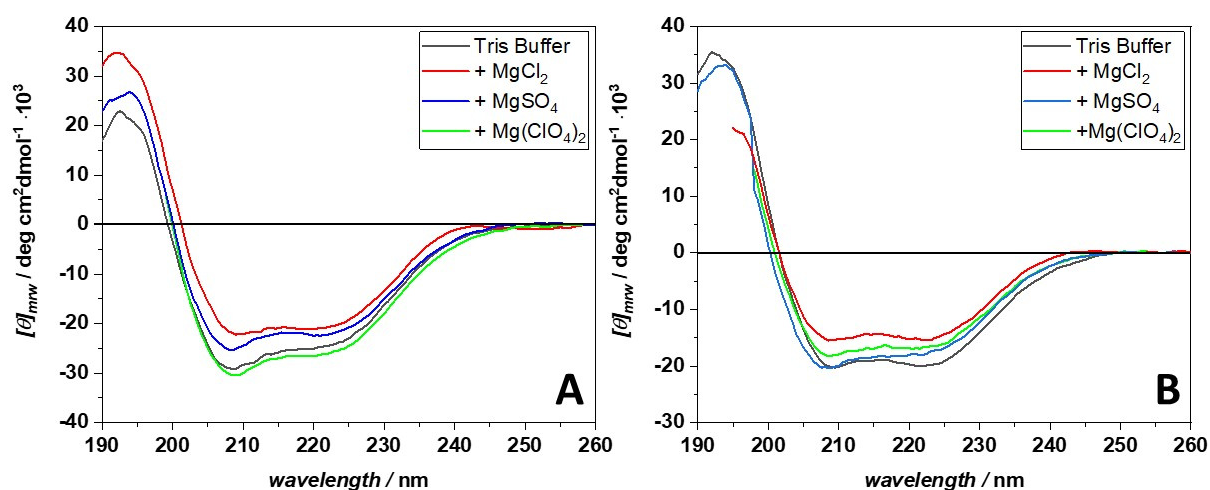


Figure S4. Far-UV CD spectra of BSA at the temperature of (A) 5 °C and (B) 15 °C, in the presence of 250 mM $MgCl_2$ (red spectrum), $MgSO_4$ (blue spectrum), and $Mg(ClO_4)_2$ (green spectrum). For reference, the CD spectrum of BSA in neat buffer condition (black spectrum) is also reported. All the spectra were acquired in 10 mM Tris-HCl buffer, pH 7.4, using a 0.01 cm path-length quartz cuvette.