

Supplementary information for

**Rapid and visual detection of heparin based on disassembly of
polyelectrolyte-induced pyrene excimers**

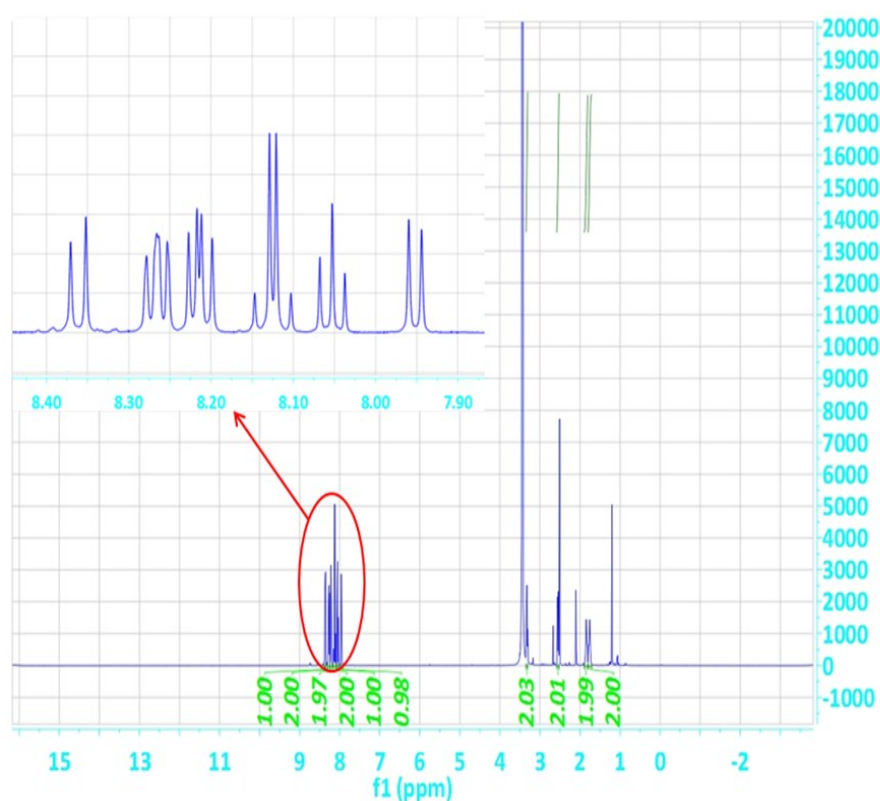


Fig. S1 ^1H NMR spectrum of PBSS ($\text{DMSO}-d_6$)

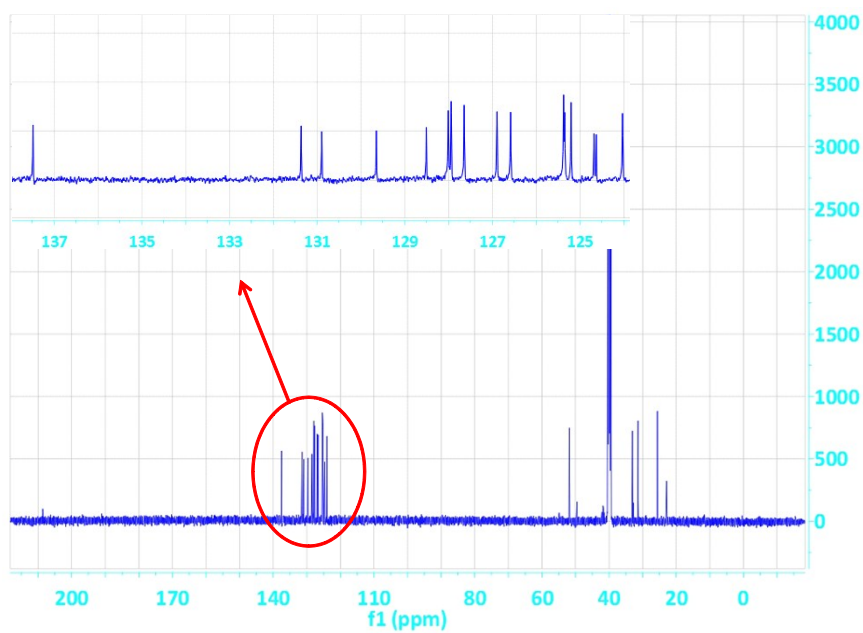


Fig. S2 ^{13}C NMR spectrum of PBSS ($\text{DMSO-}d_6$)

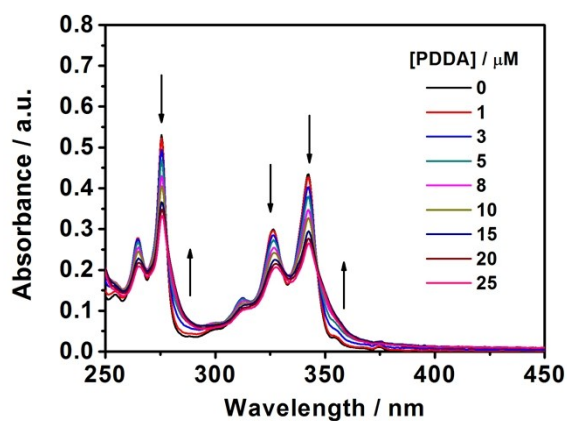
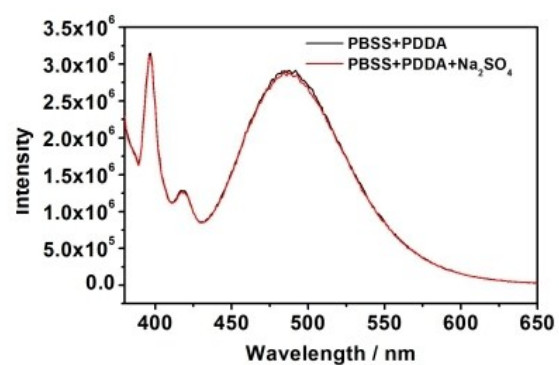
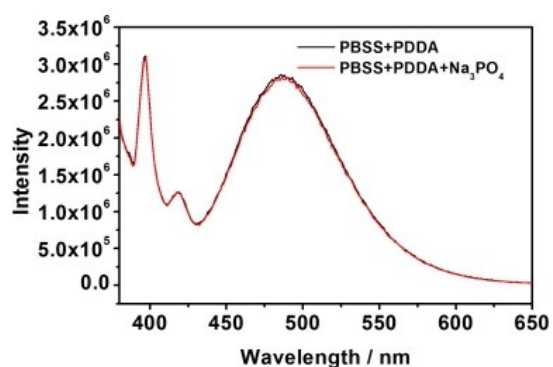


Fig. S3 Absorption spectra of PBSS in the presence of different concentrations of PDDA in 10 mM Tris-HCl buffer (pH 7.4).



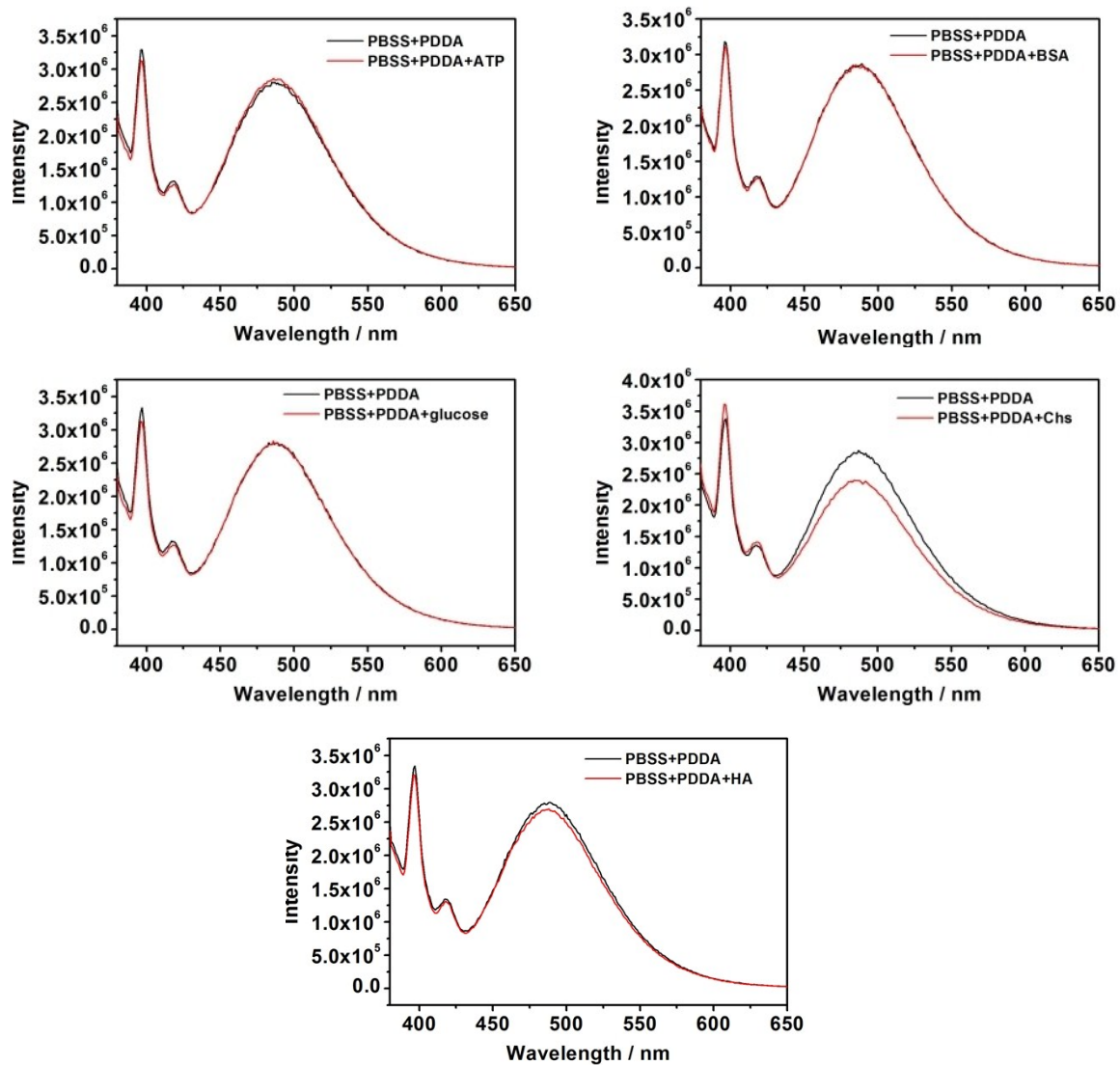


Fig. S4 Emission spectra of PBSS/PDDA in the presence of various interferents in 10 mM Tris-HCl buffer (pH 7.4). [BSA] = 0.5 $\mu\text{g/mL}$, [other interferents] = 3.0 μM . λ_{ex} = 365 nm.