Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Interaction of Gold Nanocluster with IR Light Emitting Cyanine Dye: A Systematic Fluorescence Study

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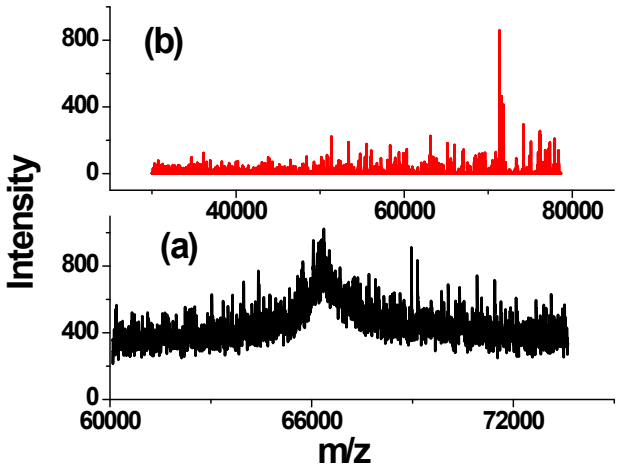

Figure S1. MALDI-TOF mass spectra of BSA (a) and BSA–Au NCs (b).

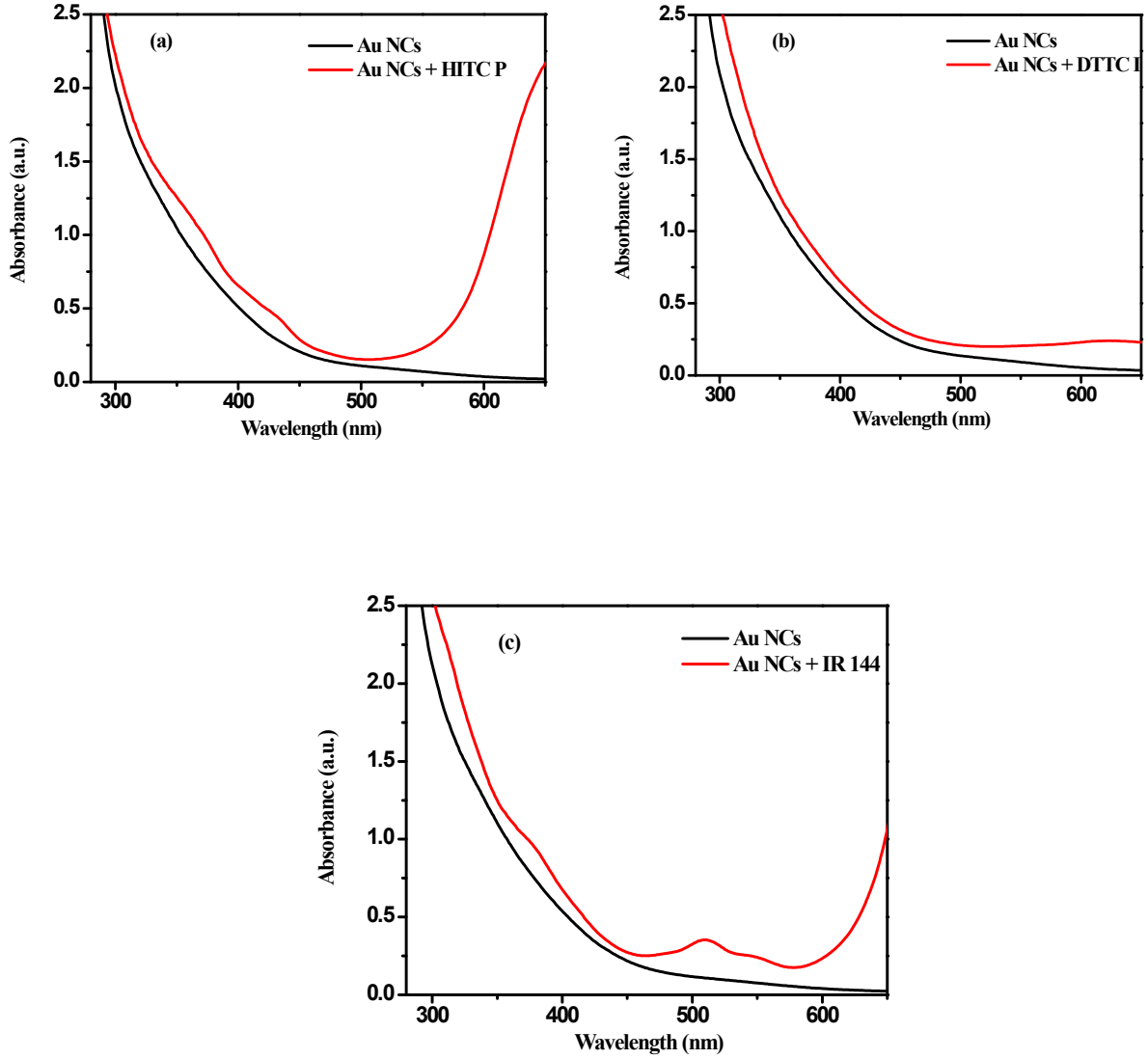

Figure S2. UV-visible spectra of Au NCs in absence and presence of HITC P (a), DTTC I (b), and IR 144 (c).

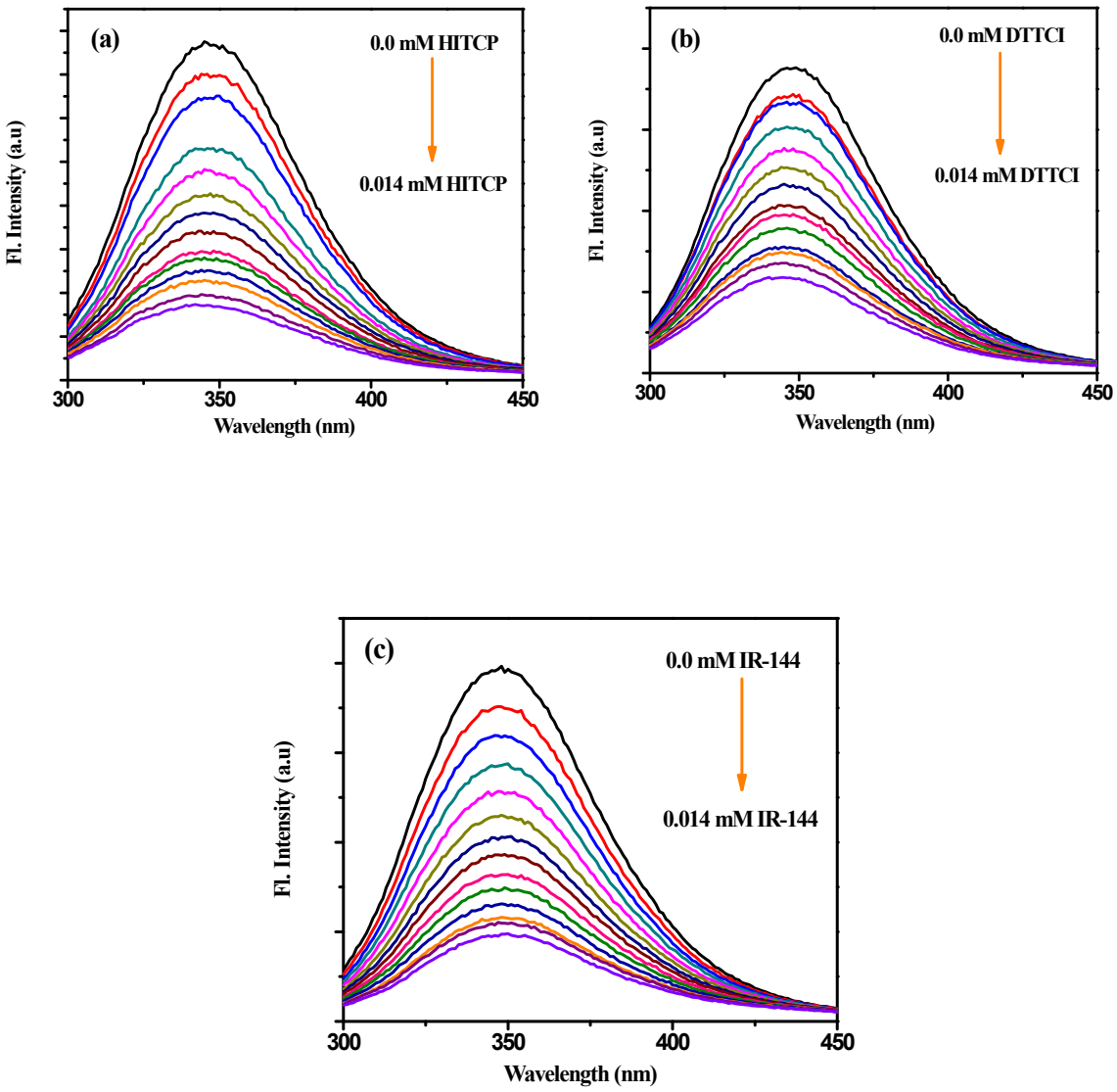

Figure S3. Emission spectra of BSA in the presence of different concentrations of cyanine dyes; (a) HITC P, (b) DTTC I, (c) IR 144 in pH 7.4 at 298 K.

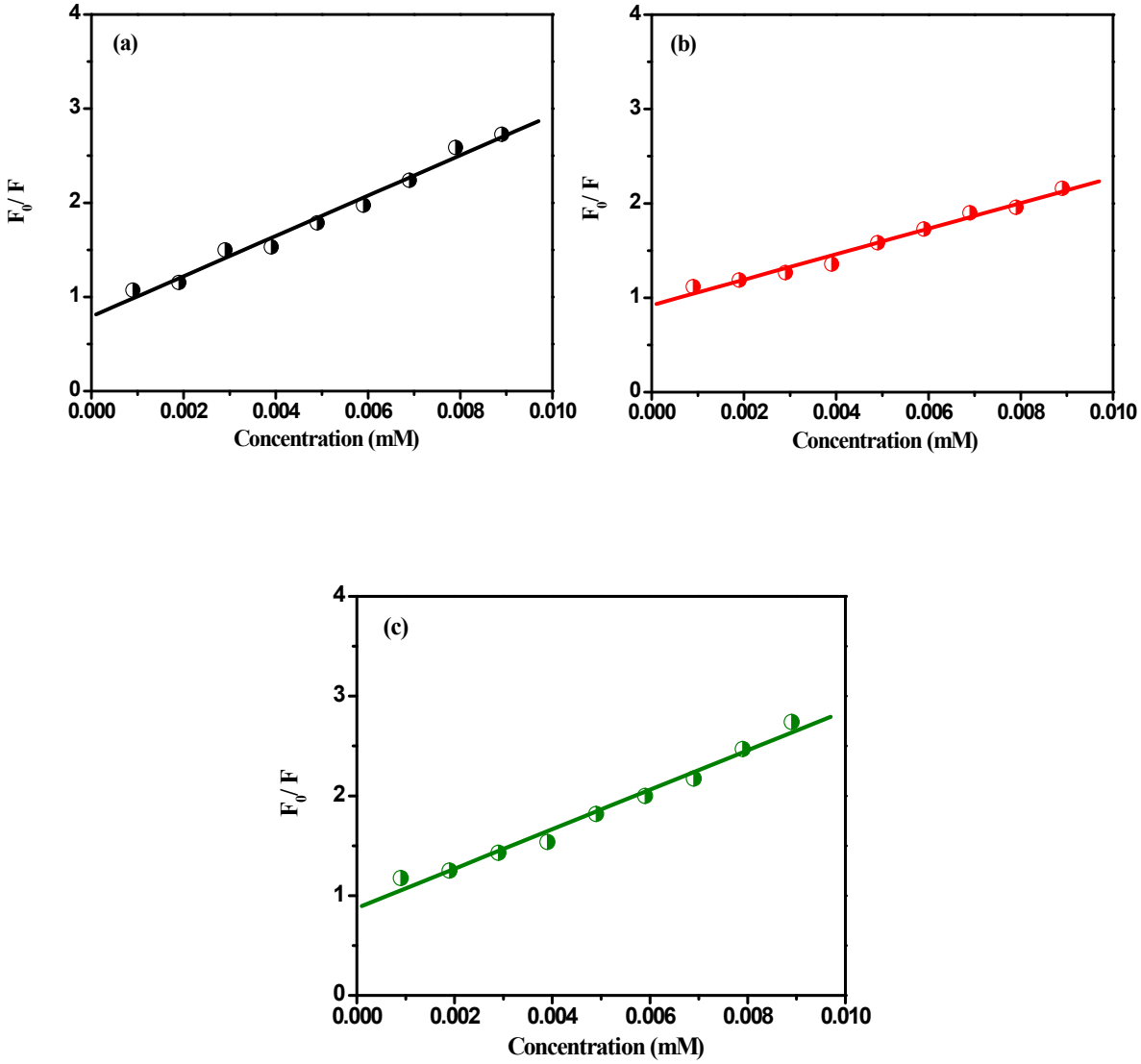

Figure S4. F_0/F vs concentration of quencher plot; (a) HITC P, (b) DTTC I, (c) IR 144 with BSA protein at pH 7.4.