Electronic Supplementary Material (ESI) for New Journal of Chemistry.

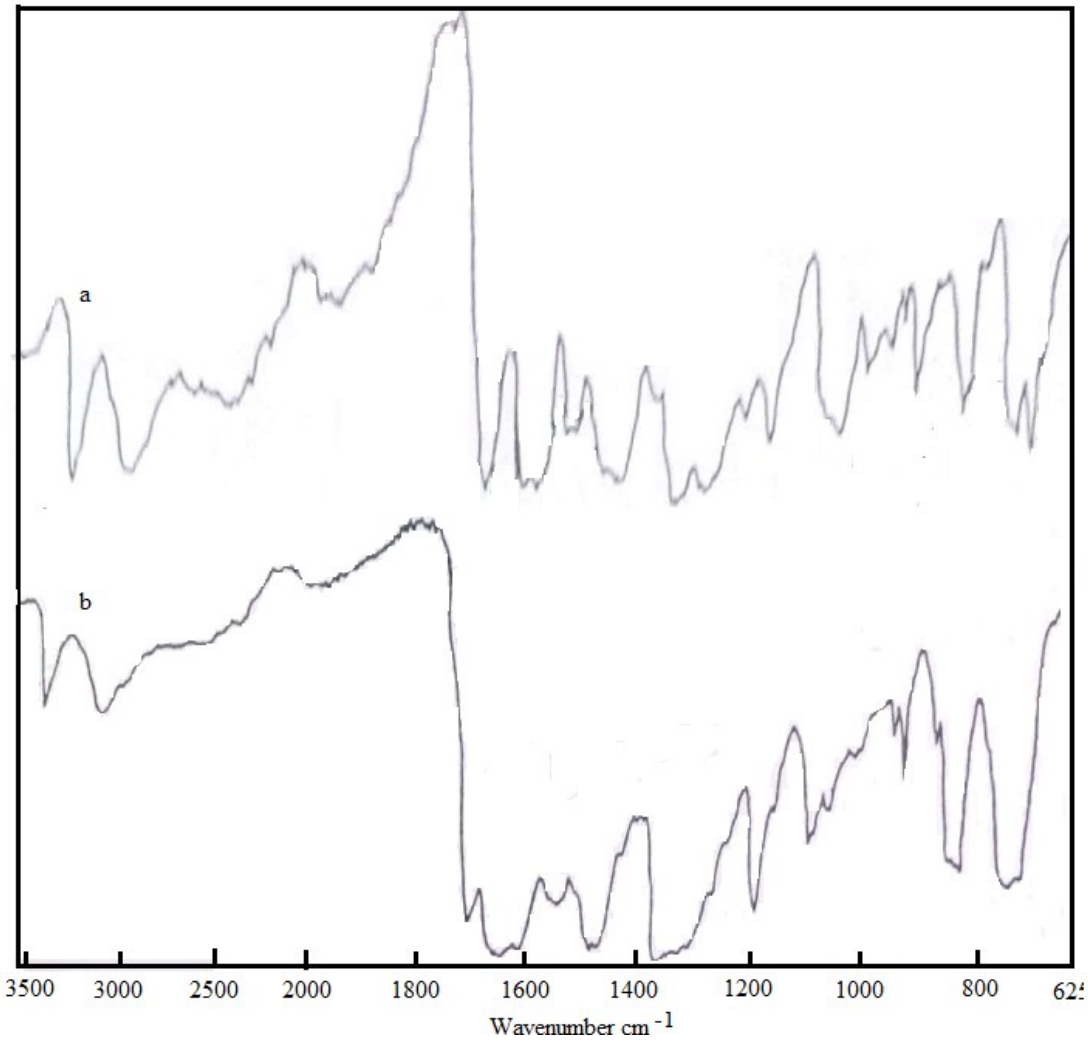

Fig. S1. FTIR spectra of charge transfer complexes of 2-aminopyrazine Schiff bases with 3,5-dinitrosalycilic acid

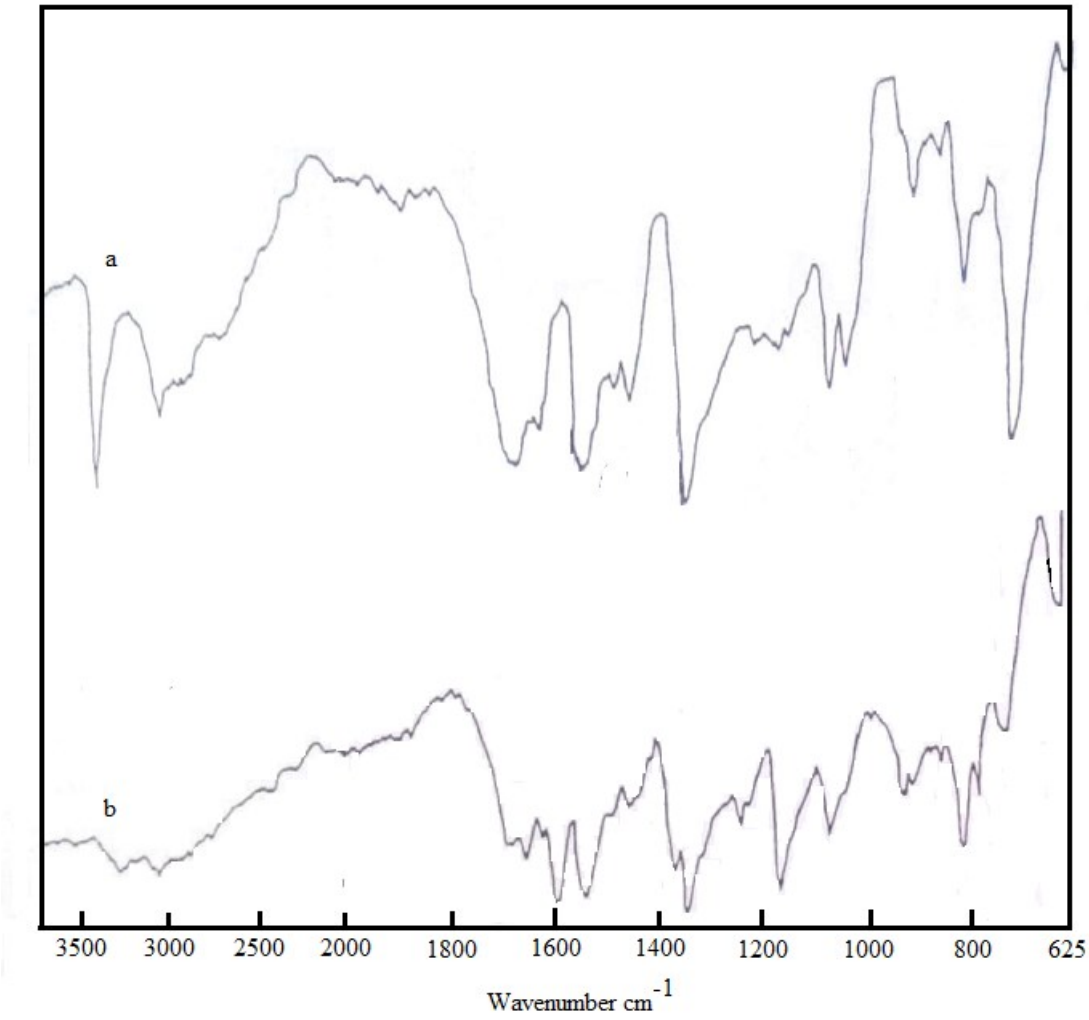

Fig. S2. FTIR spectra of charge transfer complexes of 2-aminopyrazine Schiff bases with 3,5-dinitrobenzoic acid

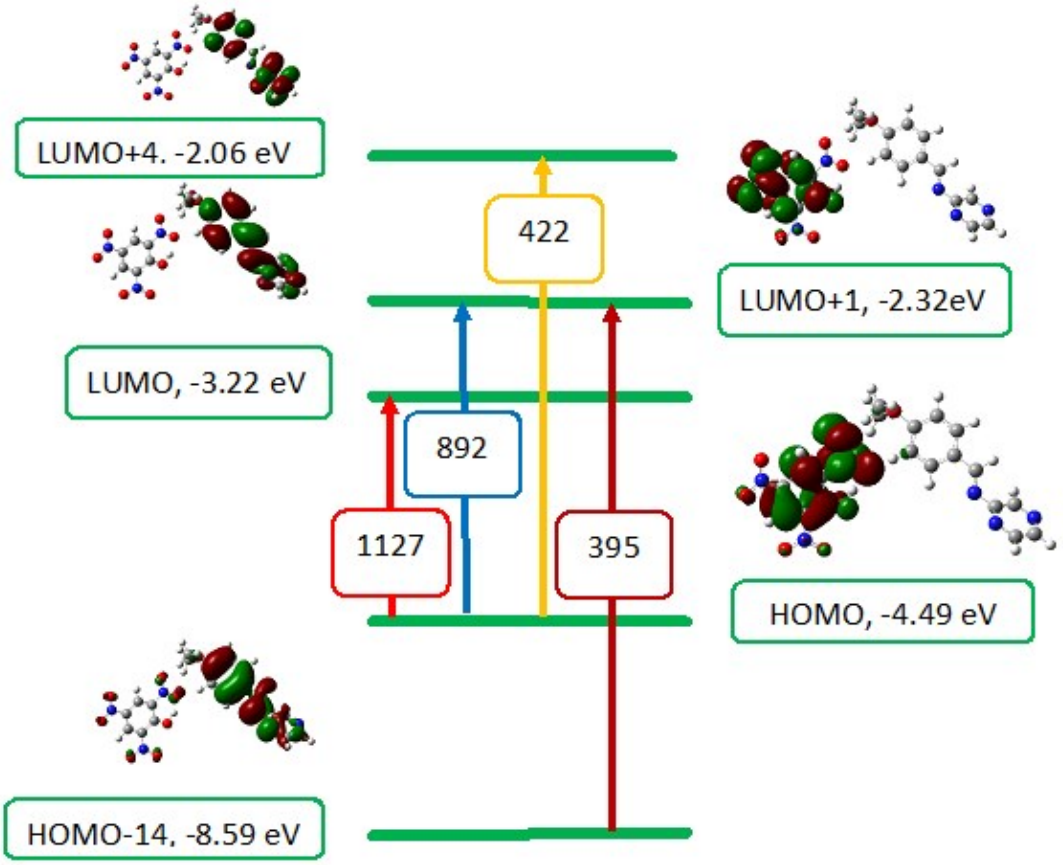

Fig. S3. Frontier molecular orbitals involved in the electronic absorption transitions of NDMABPA → PA calculated at TD-B3LYP/6-31G(d,p) level of theory.

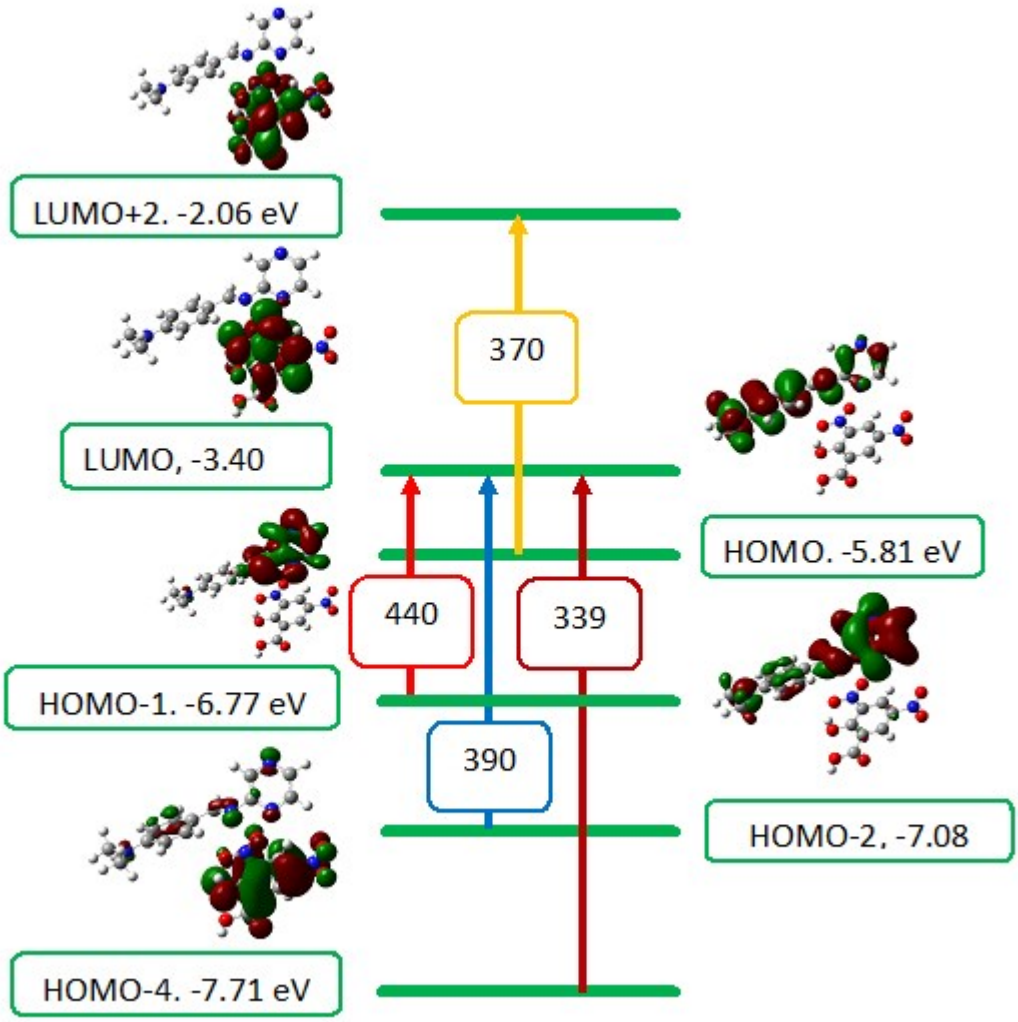

Fig. S4. Frontier molecular orbitals involved in the electronic absorption transitions of NDMABPA → 3,5-DNSA calculated at TD-B3LYP/6-31G(d,p) level of theory.

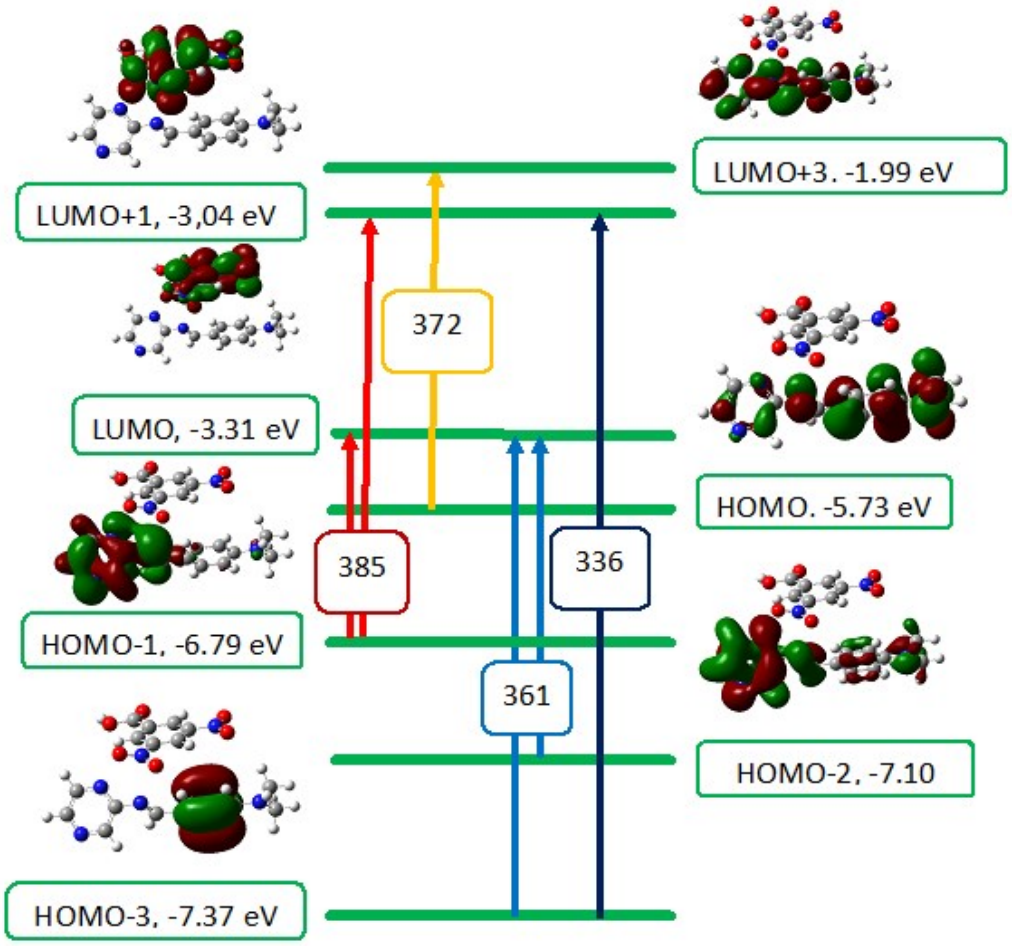

Fig. S5. Frontier molecular orbitals involved in the electronic absorption transitions of NDMABPA → 3,5-DNBA calculated at TD-B3LYP/6-31G(d,p) level of theory.