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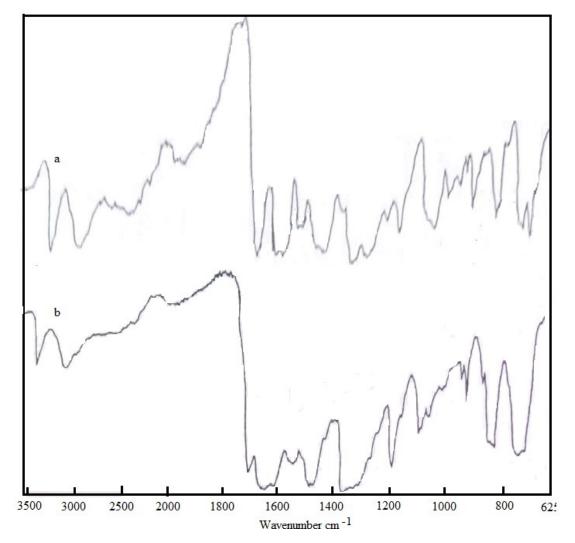


Fig. S1. FTIR spectra of charge transfer complexes of 2-aminopyrazine Schiff bases with 3,5-dinitrosalycilic acid

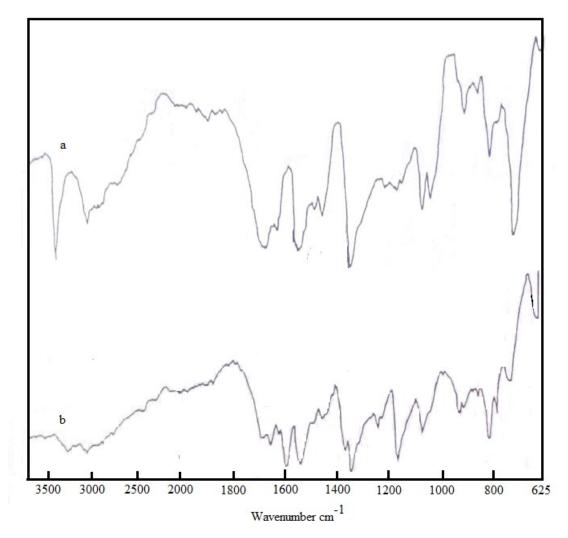


Fig. S2. FTIR spectra of charge transfer complexes of 2-aminopyrazine Schiff bases with 3,5-dinitrobenzoic acid

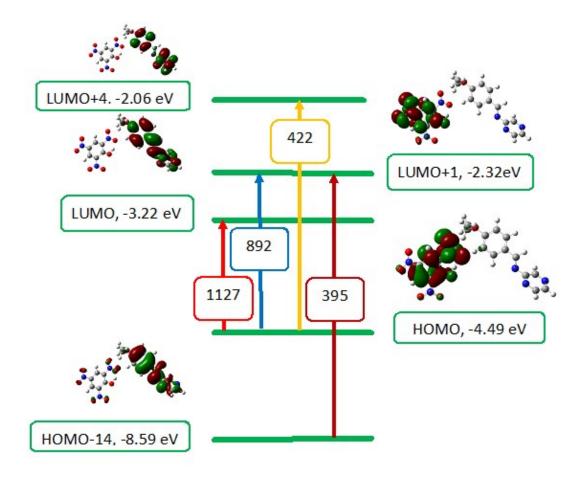


Fig. S3. Frontier molecular orbitals involved in the electronic absorption transitions of NDMABPA \rightarrow PA calculated at TD-B3LYP/6-31G(d,p) level of theory.

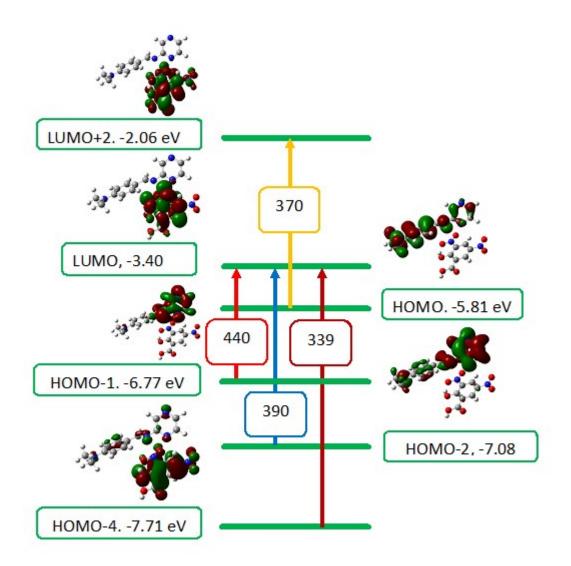


Fig. S4. Frontier molecular orbitals involved in the electronic absorption transitions of NDMABPA \rightarrow 3,5-DNSA calculated at TD-B3LYP/6-31G(d,p) level of theory.

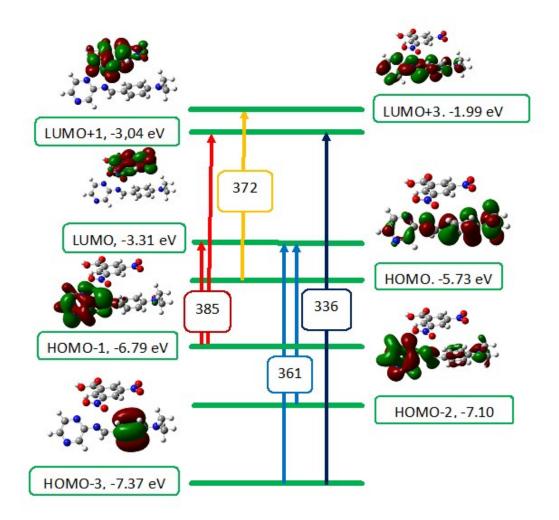


Fig. S5. Frontier molecular orbitals involved in the electronic absorption transitions of NDMABPA \rightarrow 3,5-DNBA calculated at TD-B3LYP/6-31G(d,p) level of theory.