Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Fe_3O_4/PANI/MnO_2 Core-Shell Hybrids as Advanced Adsorbents for Heavy Metal Ions

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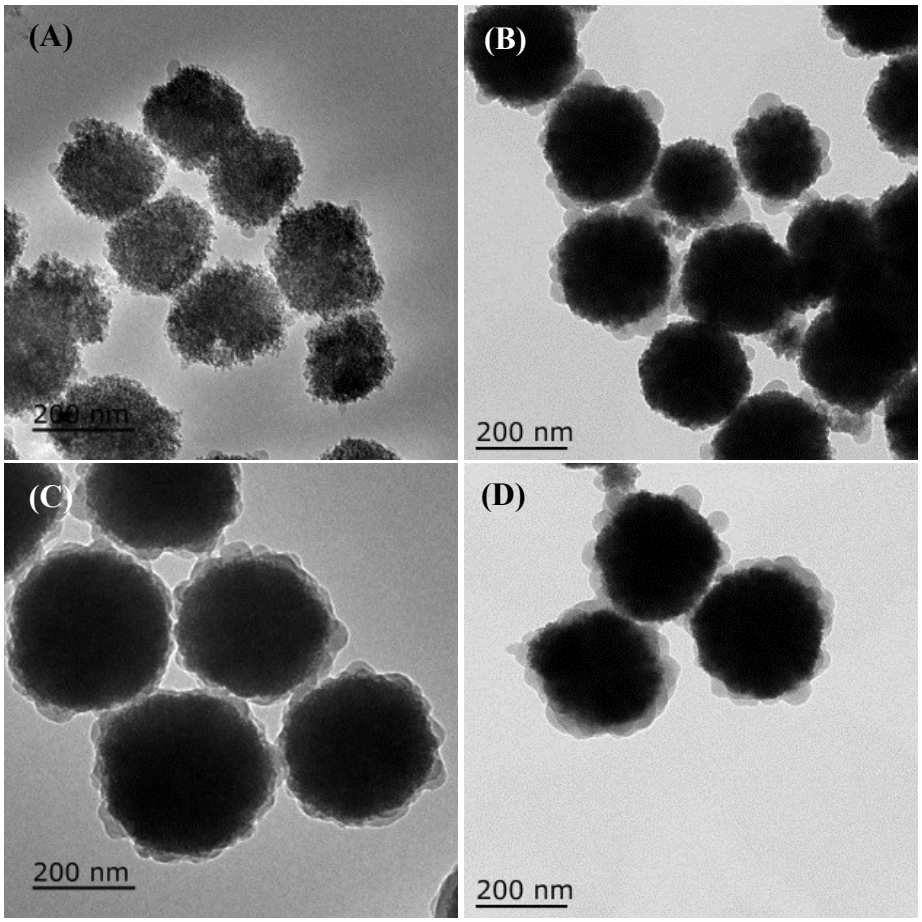

Figure S1. TEM images of (A) Fe_3O_4/PANI(0.5), (B) Fe_3O_4/PANI(1), (C) Fe_3O_4/PANI(1.5) and (D) Fe_3O_4/PANI(2).

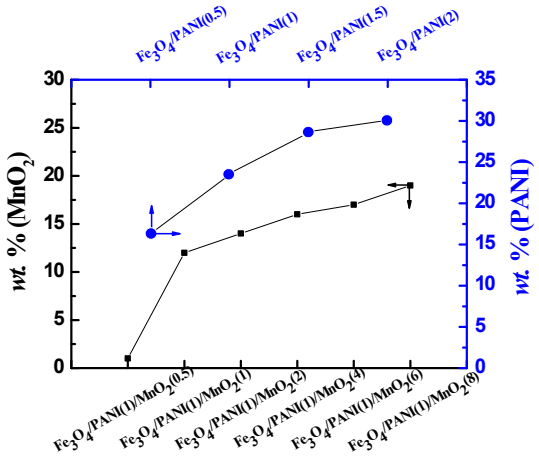

Figure S2. The weight percentage of Fe_3O_4/PANI and Fe_3O_4/PANI/MnO_2 core-shell hybrids as determined from energy dispersive spectroscopy data.

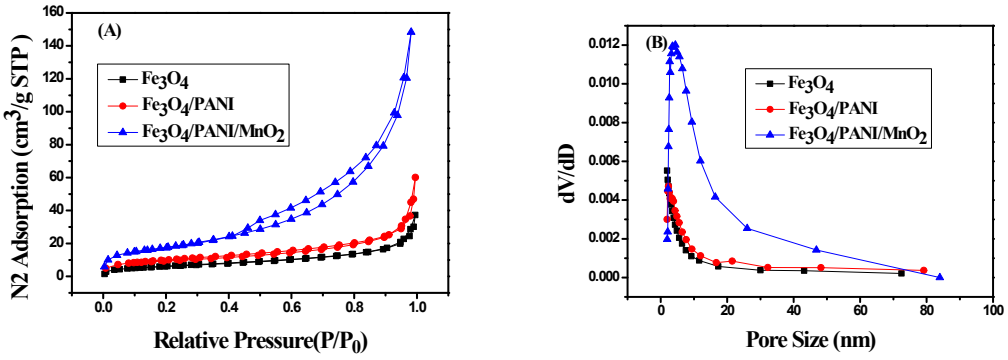

Figure S3. (A) N_2 sorption isotherms and (B) pore size distributions of Fe_3O_4, Fe_3O_4/PANI, and Fe_3O_4/PANI/MnO_2.