

Electronic Supplementary Material (ESI) for RSC Advances.

**Azo Dye Functionalized Graphene Nanoplatelets for Selective Detection of
Bisphenol A and Hydrogen Peroxide†**

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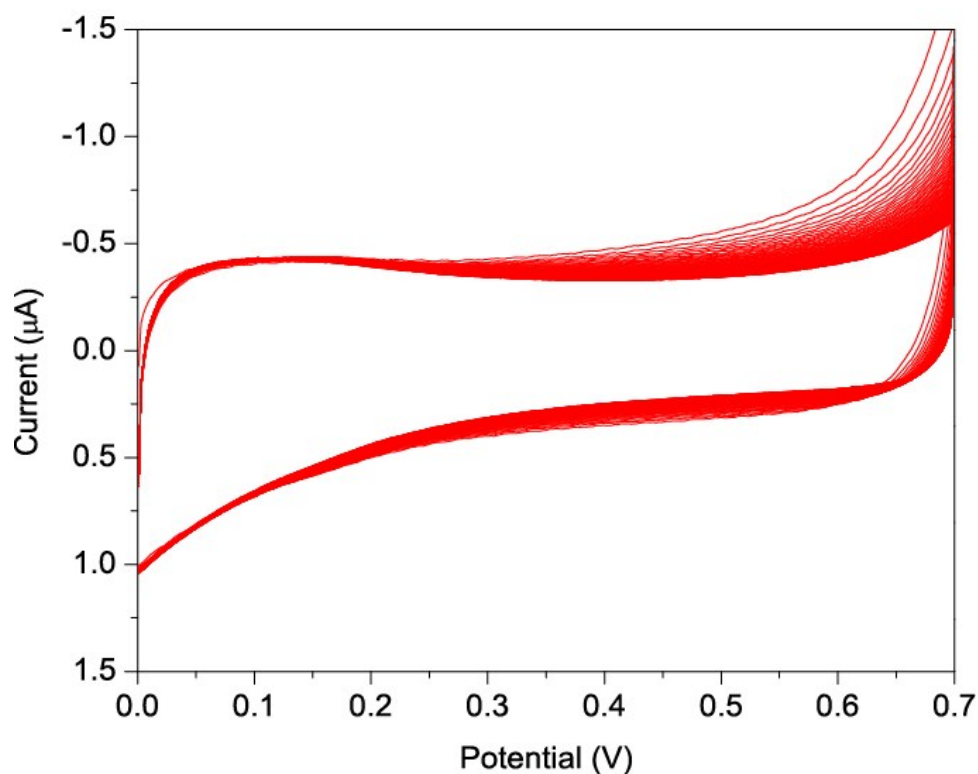


Figure S1. Continuous cyclic voltammograms of GNP/DB-GCE recorded for 100 cycles in pH 7.0 PBS at a scan rate of 50 mV/s.

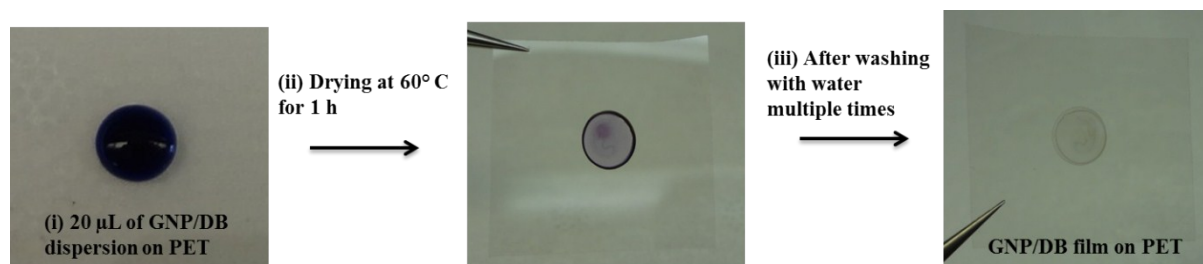


Figure S2. Photographs of GNP/DB- film preparation on a polyethylene terephthalate (PET) film. Even after multiple washings with water, a thin-GNP/DB film remained on the PET surface. Only free DB (unattached) was removed by water washing step. This indicated that GNP/DB nanocomposite film had strong binding affinity to the hydrophobic surface.