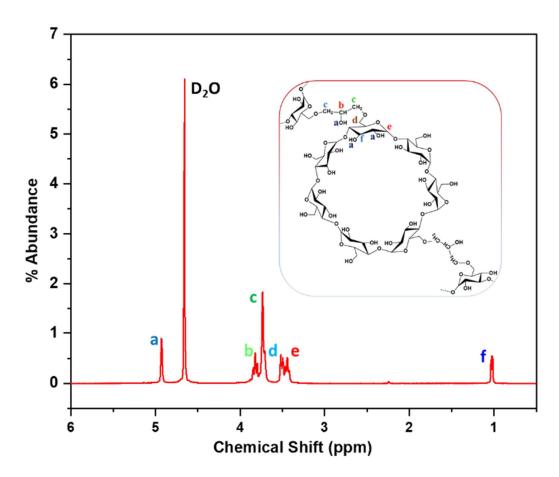
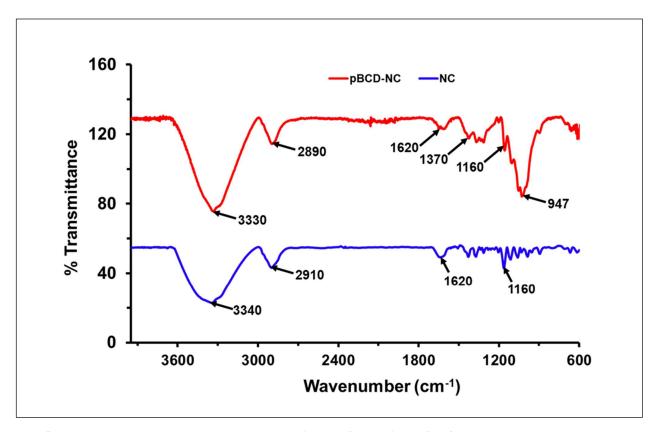


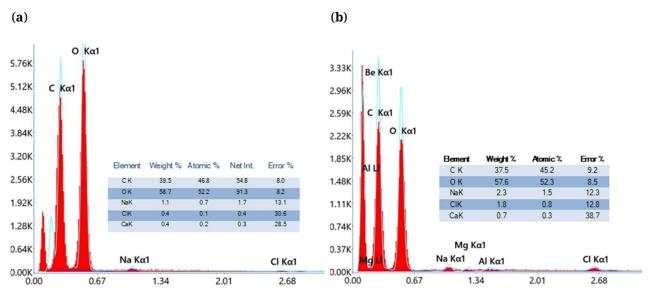
Supplementary Figure S1. FTIR spectroscopy of βCD and p-βCD samples.



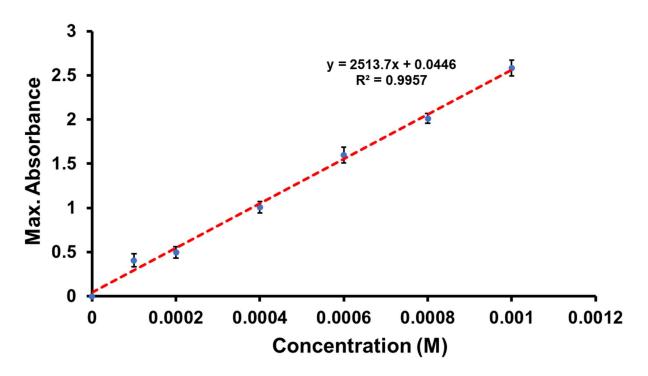
Supplementary Figure S2. 1 H-NMR spectroscopy of p- β CD sample.



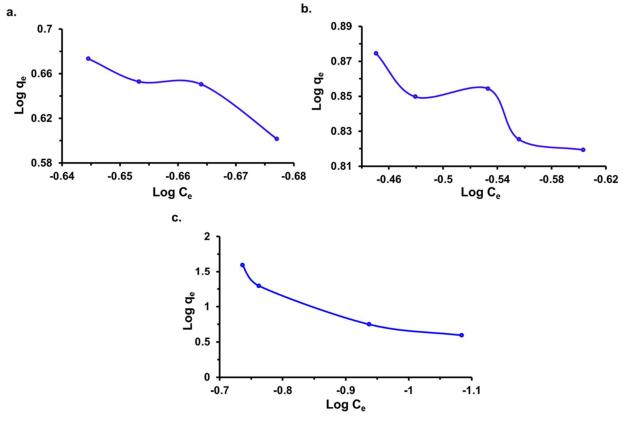
Supplementary Figure S3. FTIR spectroscopy of NC and NC-p- β CD adsorbents.



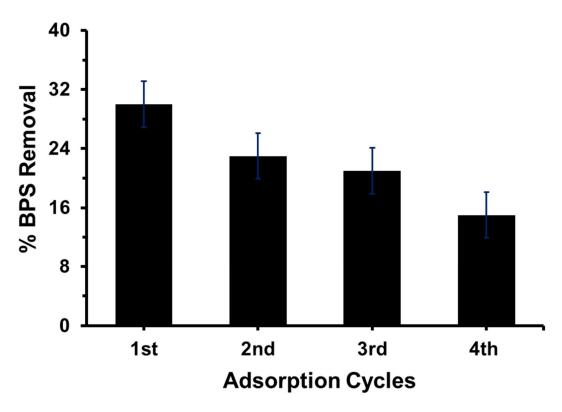
Supplementary Figure S4. EDS analysis of (a) NC and (b) NC-pβCD adsorbents.



Supplementary Figure S5. Absorbance vs concentration plot of BPS for molar extinction coefficient determination.



Supplementary Figure S6. Freundlich adsorption kinetics of (a) 10^{-3} M BPS (b) 2×10^{-3} M TCS, and (c) 2×10^{-3} M TCP removal using 100 mg of NC-p β CD adsorbent.



Supplementary Figure S7. Reusability test of NC-p- β CD adsorbent for the removal of 10^{-4} M BPS solution.