**Supplementary Information**

**for**

# Removal of multi-substituted nitroaromatic pollutants by zero valent iron: a comparison of performance, kinetics, toxicity and mechanisms

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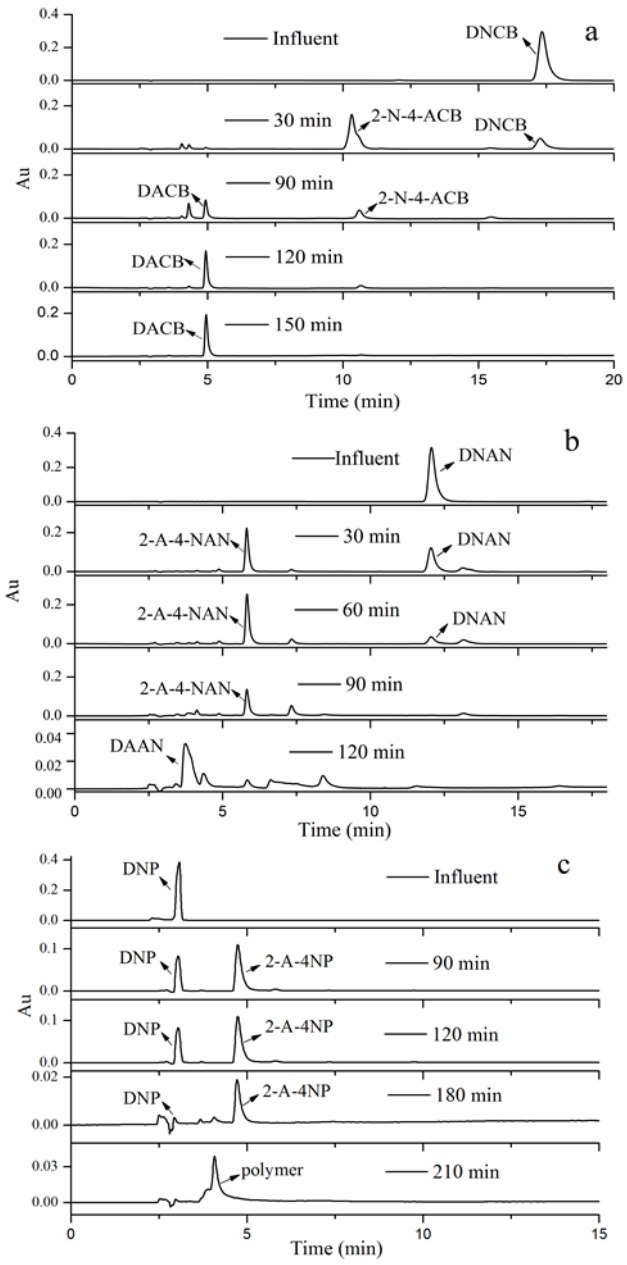


**Figure S1** Evolution of HPLC chromatogram for the three NACs during ZVI reduction process: (a) DNCB; (b) DNAN and (c) DNP.

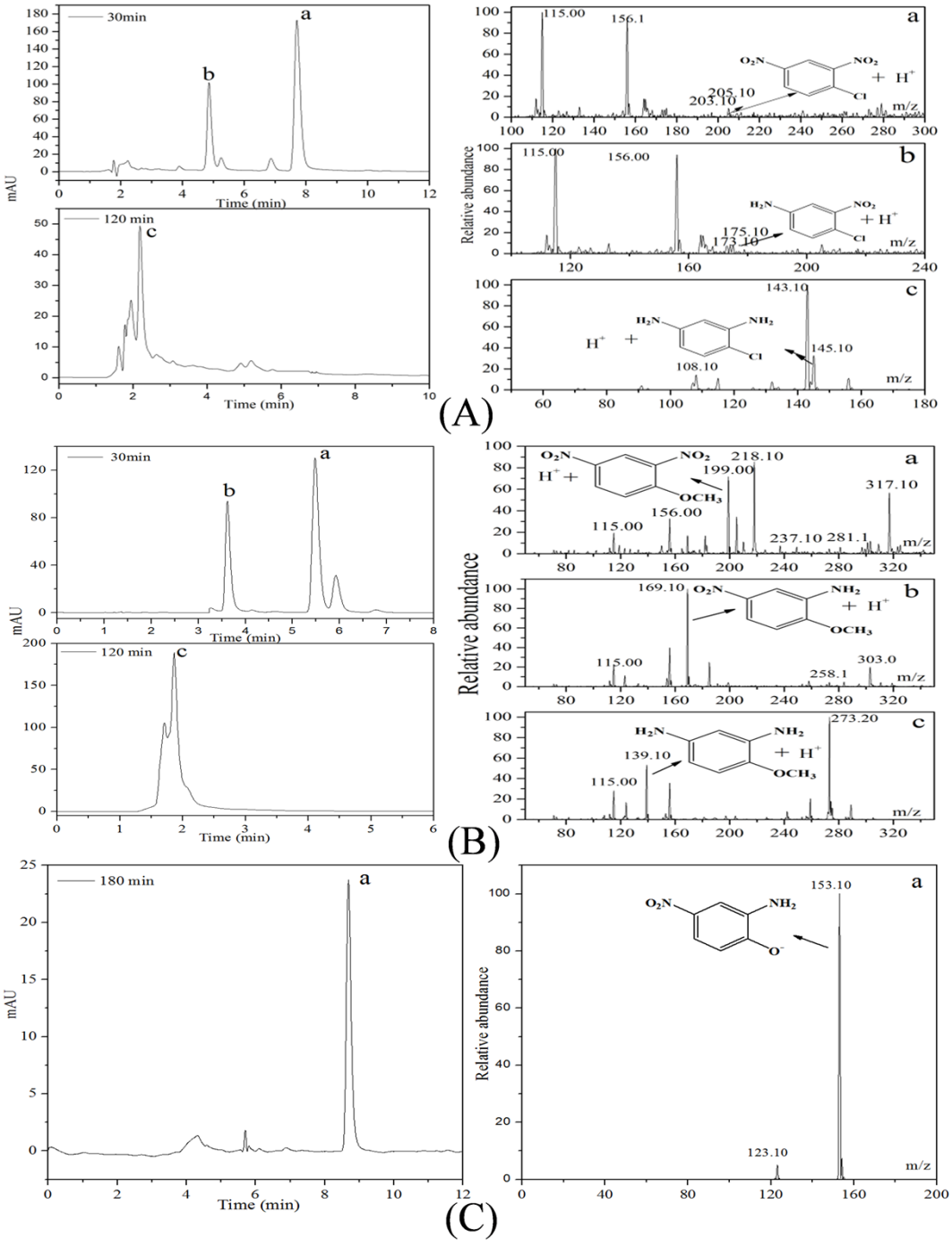


**Fig. S2** HPLC-MS spectra of the reductive products of three NACs by ZVI: (A) DNCB; (B) DNAN and (C) DNP.

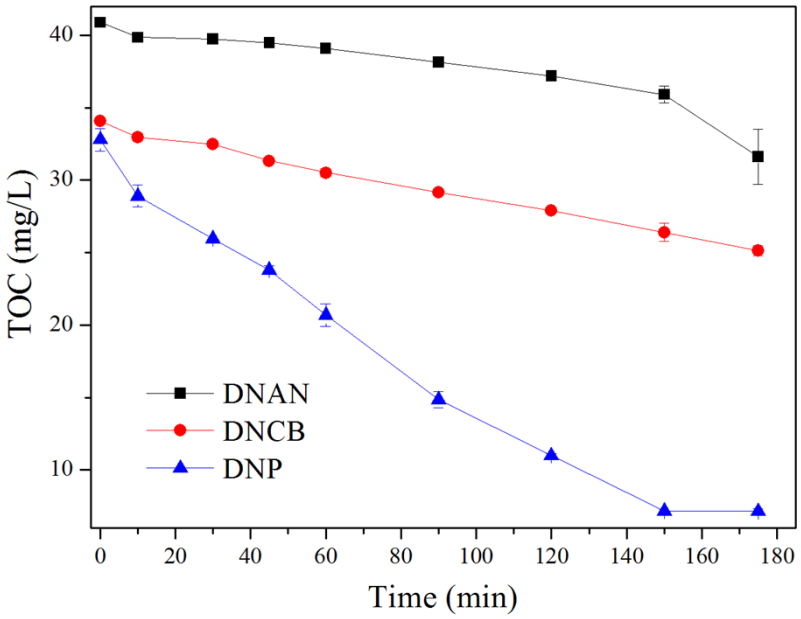


**Figure S3** TOC profiles during the reduction of DNCB, DNAN and DNP in the ZVI system.

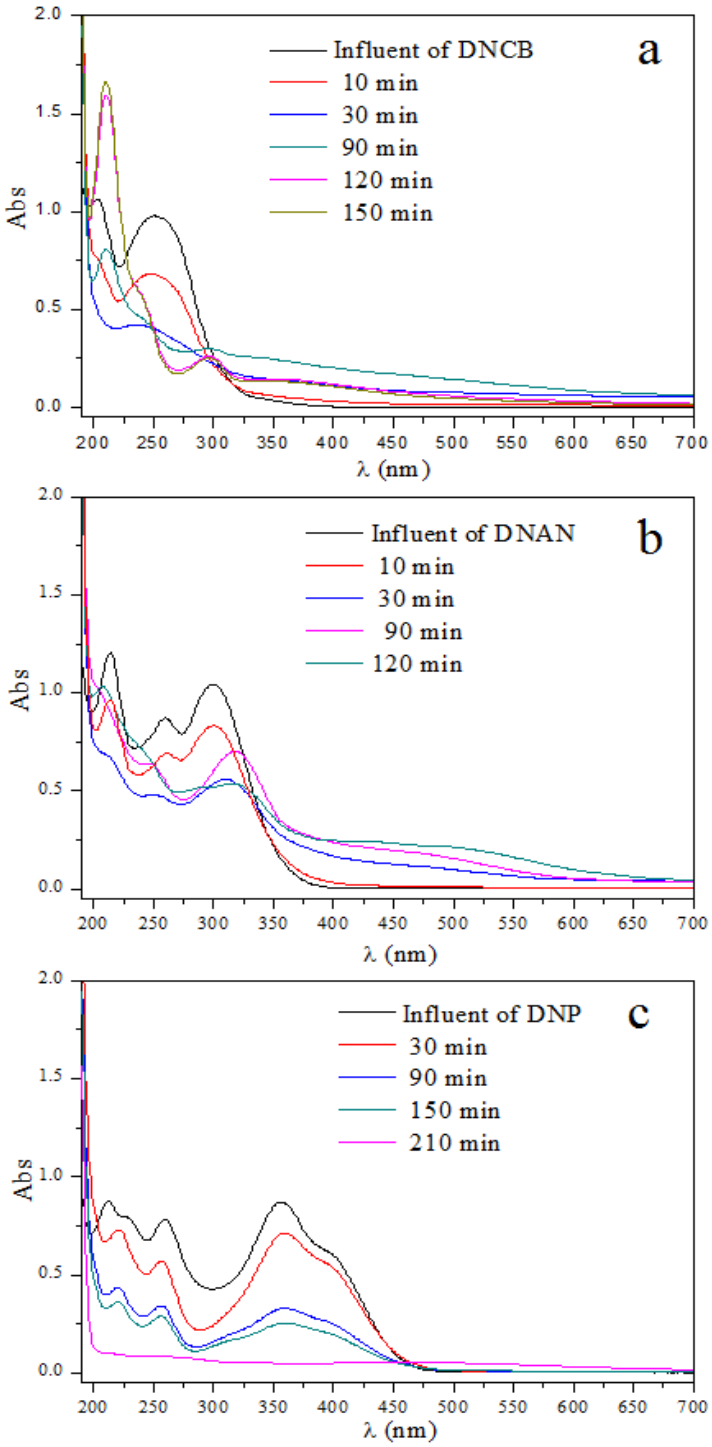


**Figure S4** Evolution of UV-vis spectra for the three NACs during ZVI reduction process: (a) DNCB; (b) DNAN and (c) DNP.

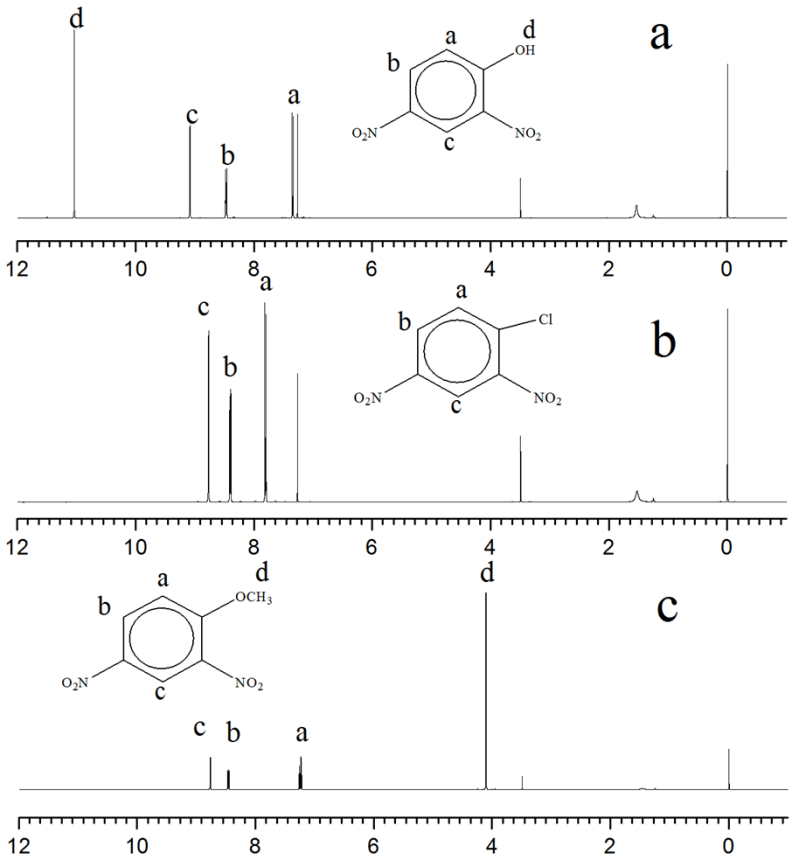


**Figure S5** [1]HNMR spectrum of the three standard NACs: (a) DNP; (b) DNCB and (c) DNAN.