Supporting Information

For

Enhanced reductive transformation of 2,4-dinitroanisole in the anaerobic system: the key role of zero valent iron

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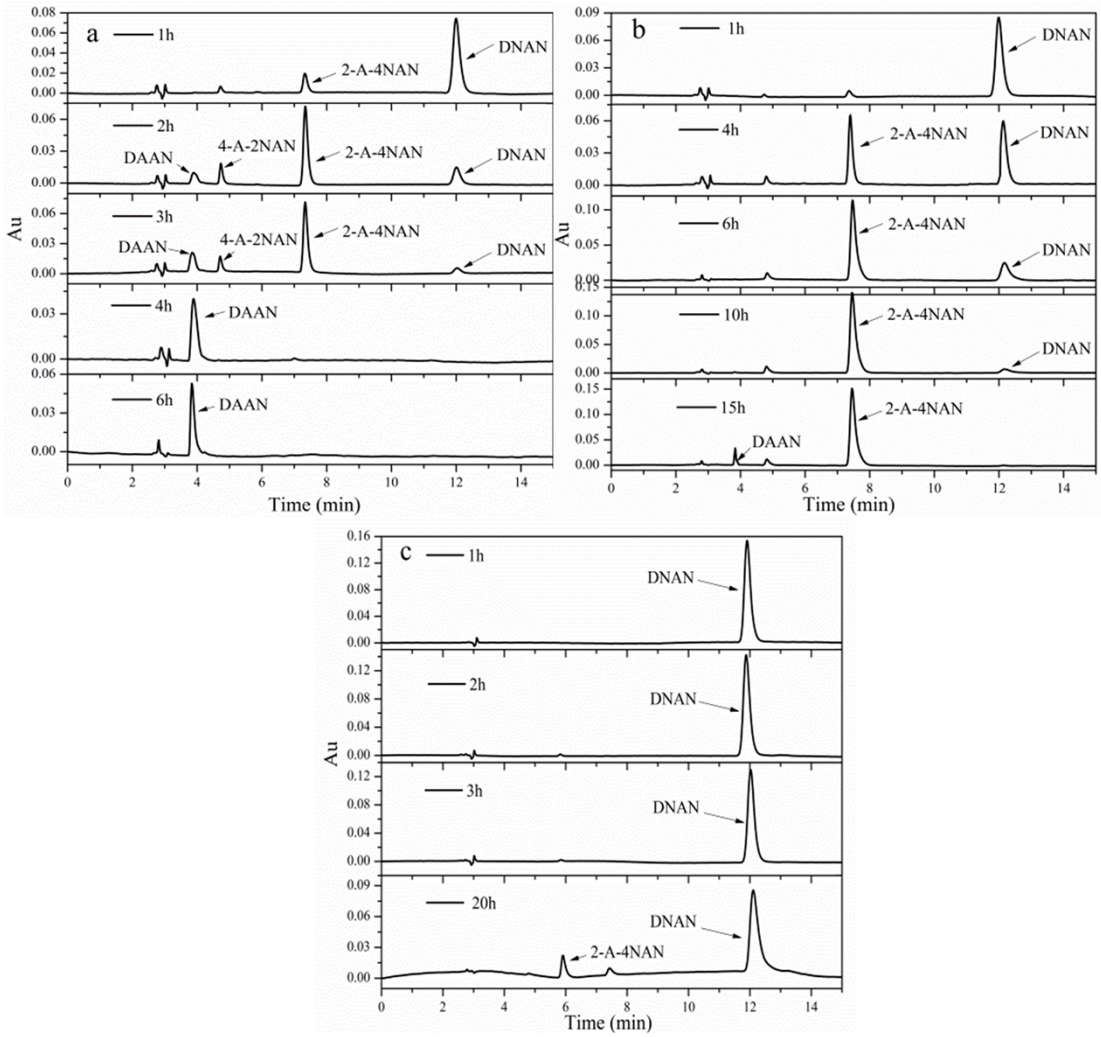

Figure S1 Evolution of HPLC chromatogram for the DNAN reduction in three individual systems as a function of time: (a) ZVI coupled anaerobic system; (b) biotic control system and (c) ZVI control system.

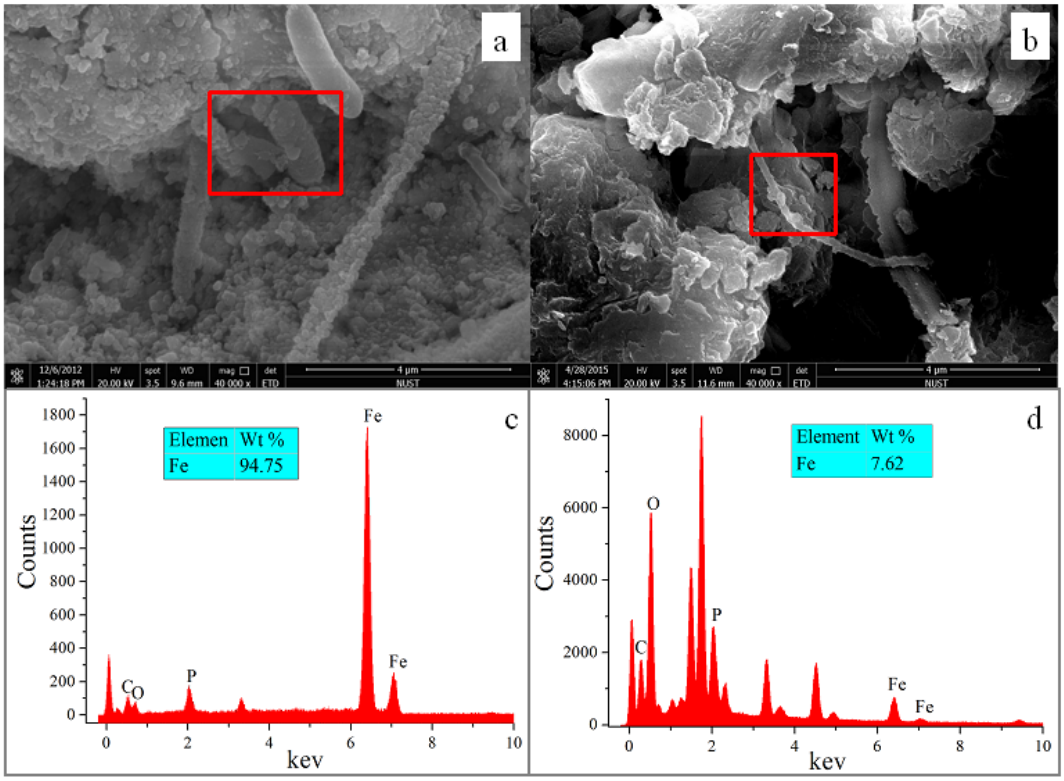

Figure S2 SEM images showing the morphology and distribution of ZVI on the outer layer (a) and inner parts of the microorganisms (b); EDS spectrums for the selected area of the SEM image a(c) and image c(d).

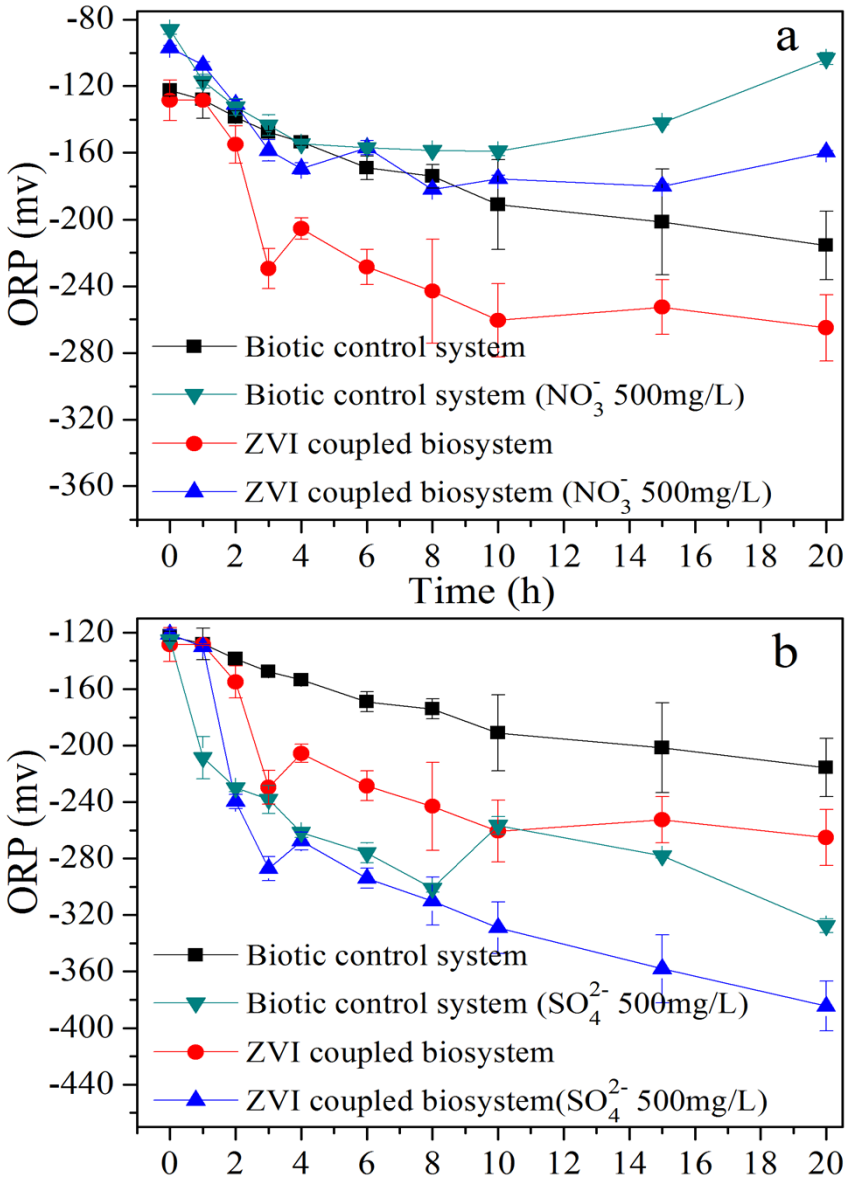

Figure S3 Evolution of the ORP during the reduction of DNAN in the two individual systems with the coexistence of different electron acceptors: (a) nitrate; (b) sulfate.