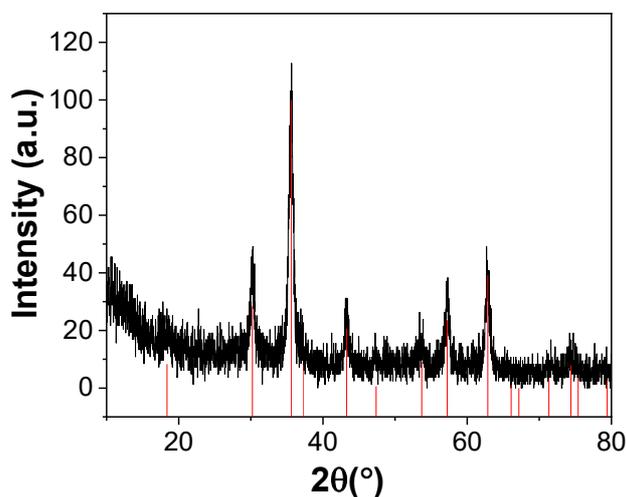


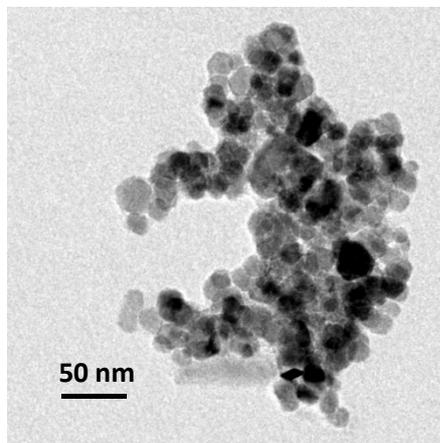


Supplementary Materials: Efficient Separation of Heavy Metals by Magnetic Nanostructured Beads

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(a)



(b)

Figure S1. X-ray diffractogram (a) and Transmission electron microscopy (TEM) (b) of Fe₃O₄ nanoparticles.

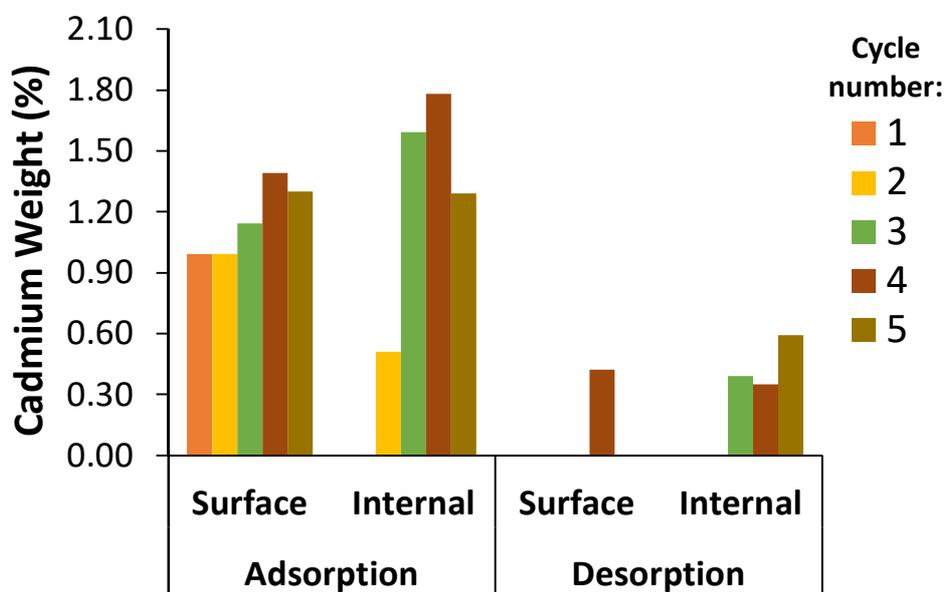
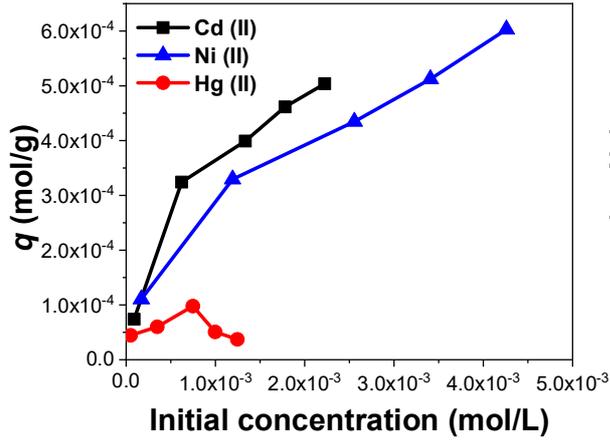
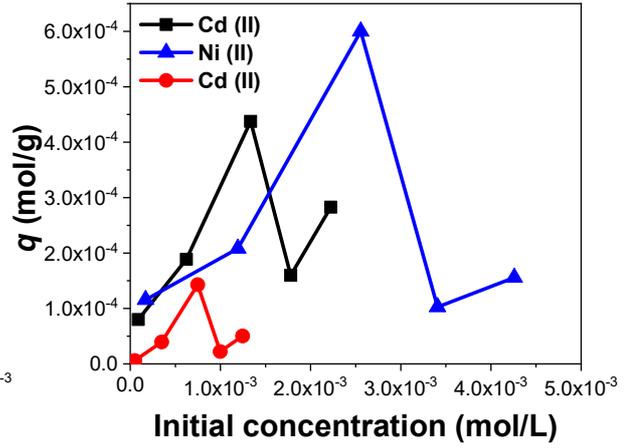


Figure S2. Cadmium weight percentage obtained by EDX analysis of the surface and internal structure of the beads on the adsorption and desorption cycles.



(a)



(b)

Figure S3. Adsorption capacity q (mol/g) at the mono-system (a) and ternary-system (b).