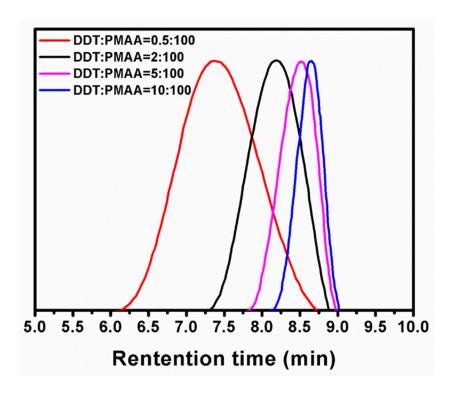
## **Supporting Information**

## Fe<sub>3</sub>O<sub>4</sub> Nanoparticles Functionalized with Polymer Ligand for T<sub>1</sub>-weighted MRI In Vitro and In Vivo

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**Figure S1.** Normalized GPC curves of DDT-PMAA synthesized using different DDT to monomer molar ratios.

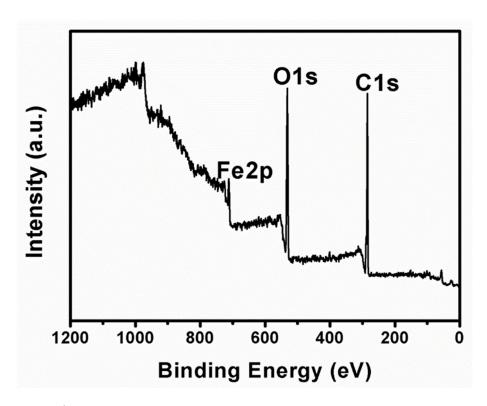


Figure S2. XPS full spectrum of MIONs@DDT-PMAA.

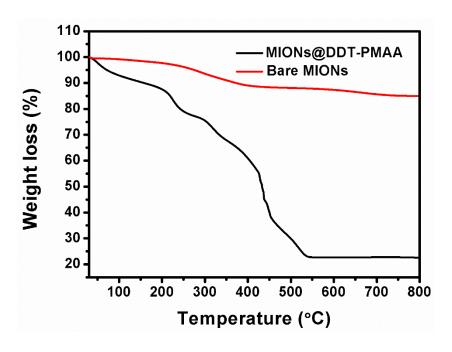


Figure S3. TGA analysis of MIONs@DDT-PMAA.