

## Electronic Supplementary Information (ESI)

### Molecularly imprinted electrospun nanofibers for adsorption of 2,4-dinitrotoluene in water

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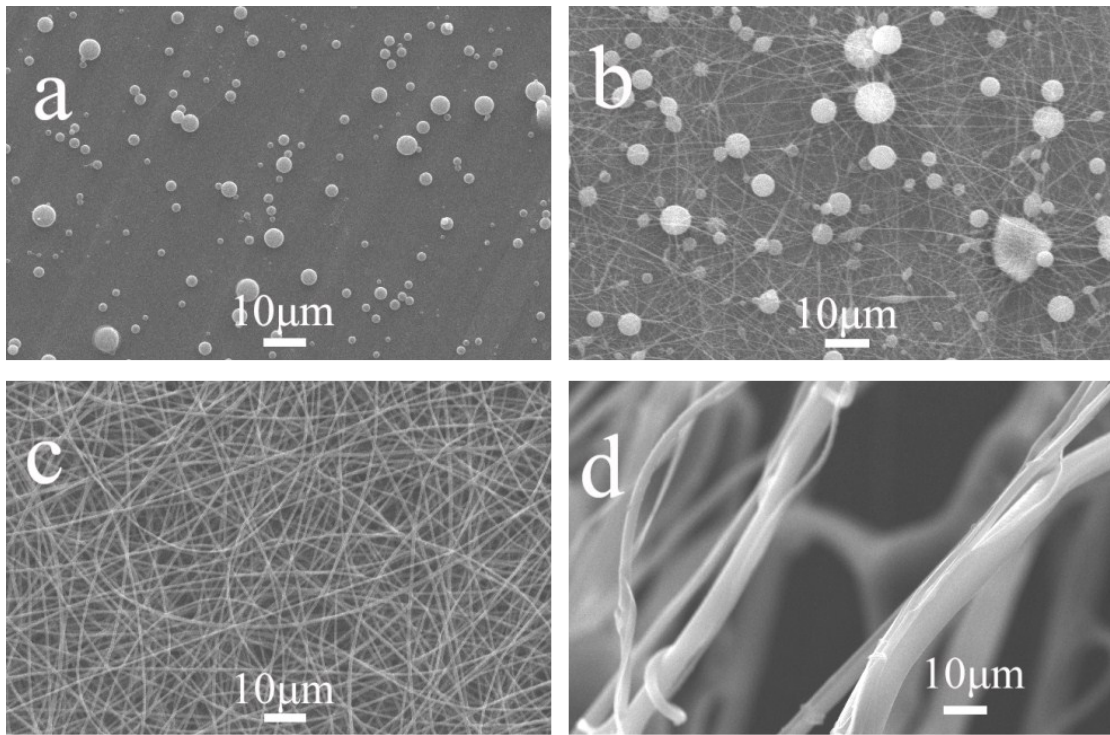
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**Table S1:** The quality of nanofibers with different PAM mass fraction

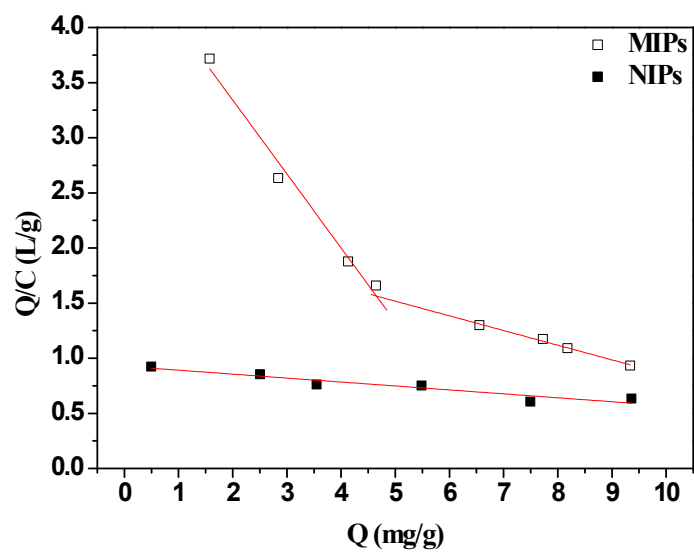
PAM mass fraction	0%	5%	10%	20%
Before in water (mg)	4.89	5.40	5.24	5.70
After in water (mg)	5.07	5.39	5.15	5.69

**Table S2:** DNT adsorption capacity with different ratio of PAM and DNT

<u>PAM:DNT</u>	<u>Binding Amount (mg/g)</u>
1:0	3.92
1:0.25	4.40
1:0.33	5.22
1:0.5	5.43
1:1	5.78
1:4	5.27
1:8	5.25



**Figure S1:** SEM micrographs of electrospun nanofibers from a solution consisting of different PET concentrations: (a) 5%; (b) 10%; (c) 20%; (d) 30%.



**Figure S2:** Scatchard plot of MIPs and NIPs to DNT