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Magnetic, core-shell structured and surface molecularly imprinted polymers for the rapid and selective recognition of salicylic acid from aqueous solutions

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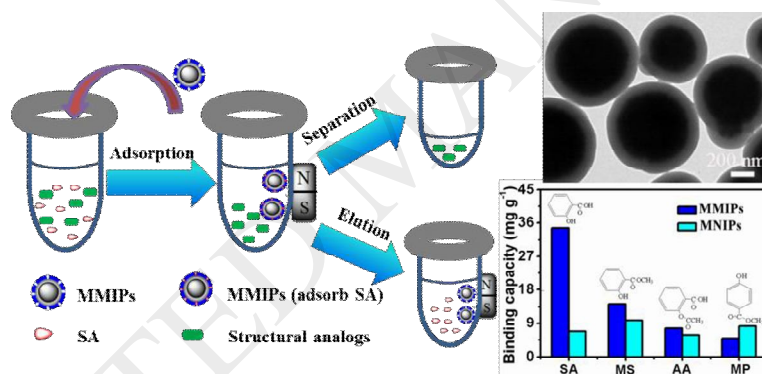
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Graphical Abstract



Highlights

- 1) Uniform core-shell structure and favorable magnetic properties;
- 2) A fast, stable and high adsorption capacity on salicylic acid;
- 3) High selectivity with relative selectivity coefficients all higher than 18;
- 4) High binding capacity and selectivity maintaining for at least eight runs.

Abstract

In this work, a novel kind of magnetic, core-shell structured and surface molecularly imprinted polymers (MMIPs)

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