

# Supplementary Material: The Immobilization of Laccase on Mixed Polymeric Microspheres for Methyl Red Decomposition

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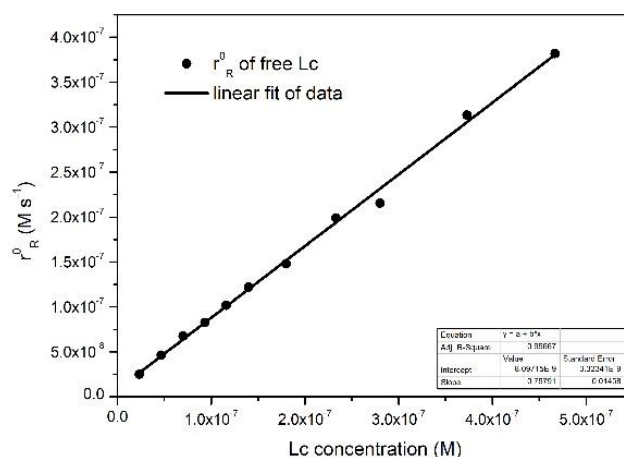
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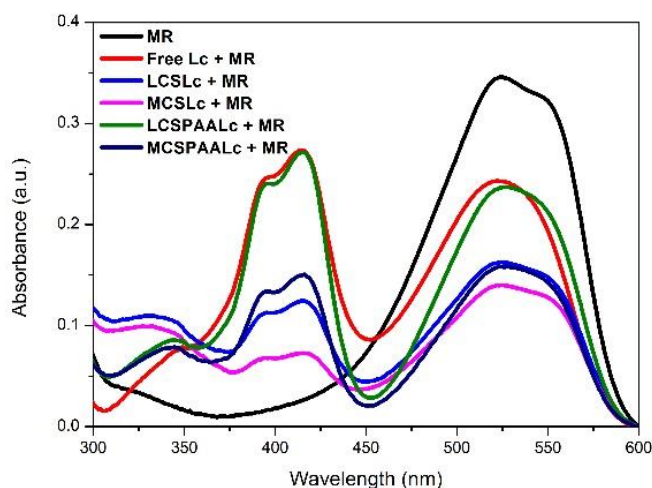
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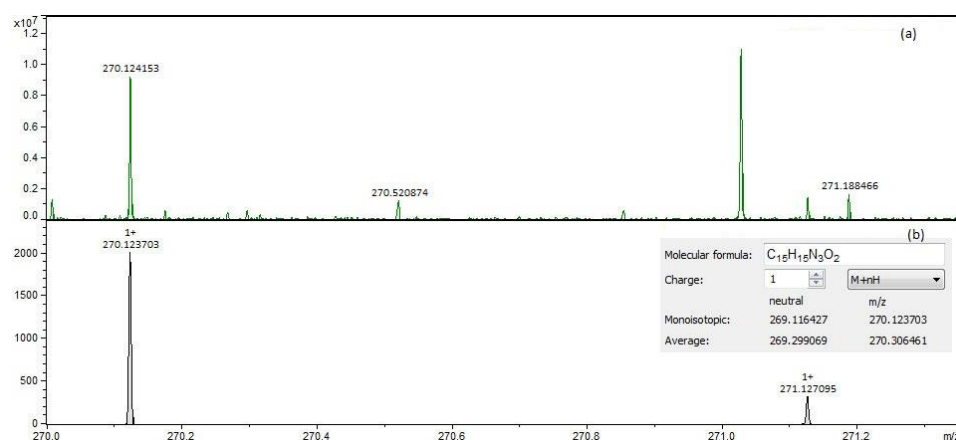
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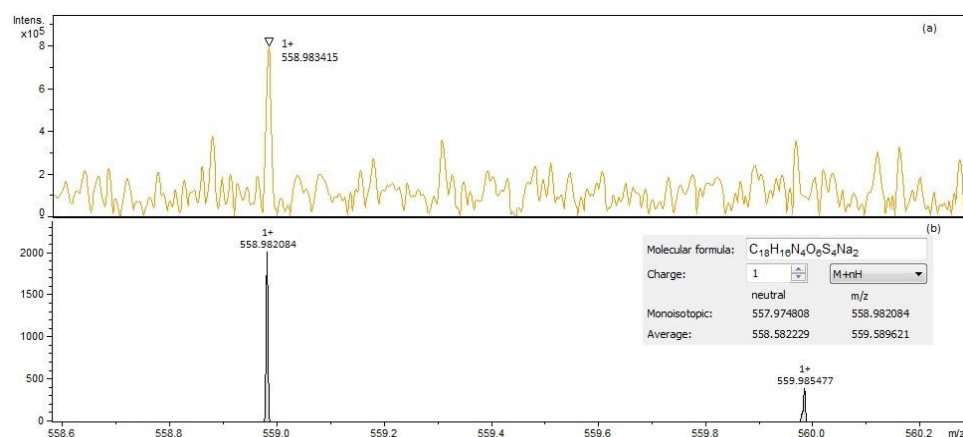
**Figure S1.** The calibration curve of free laccase in presence of ABTS substrate. The straight line represented the best linear fit of the data.



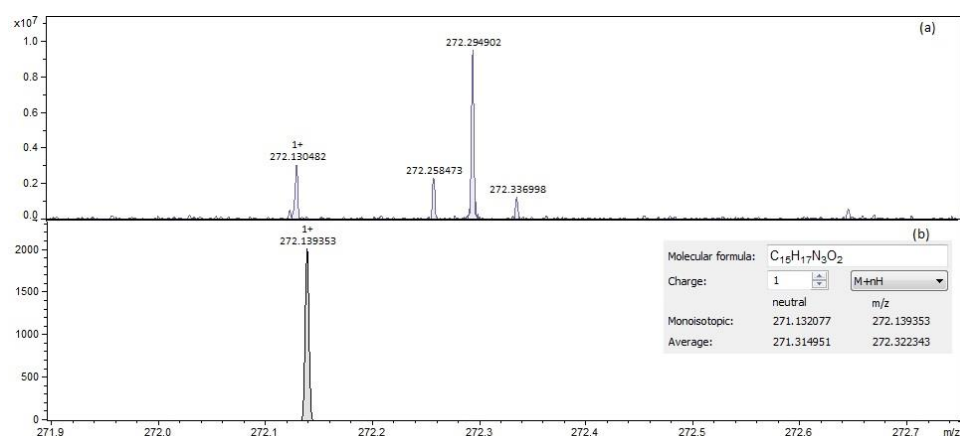
**Figure S2.** The UV-Vis spectra of MR in presence of ABTS and free and immobilized Lc after 20 minutes.



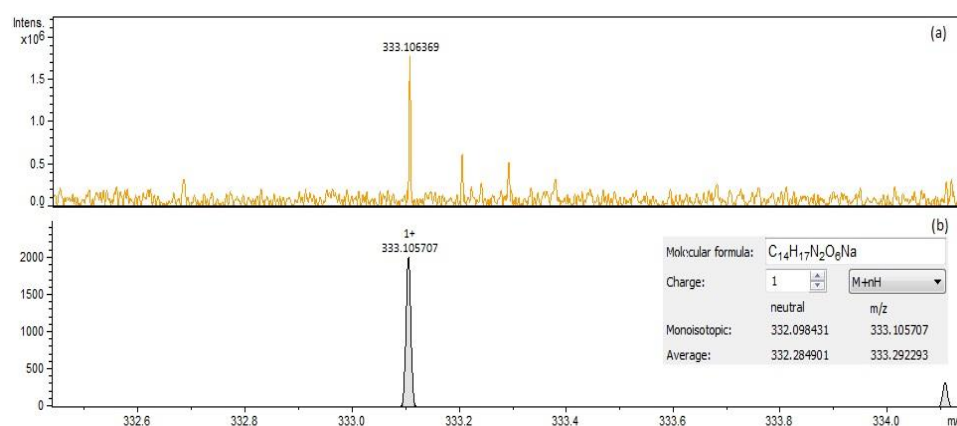
**Figure S3.** The FT-ICR-MS spectra of MR (a. MR and b. Simulated spectra of MR).



**Figure S4.** The FT-ICR-MS spectra of ABTS (a. ABTS adduct with sodium ions and b. Simulated spectra of ABTS).



**Figure S5.** The FT-ICR-MS spectra of partially reduced MR (a. Partially reduced MR and b. Simulated spectra of partially reduced MR).



**Figure S6.** The FT-ICR-MS spectra of the N,N-Dimethyl-p-phenylenediamine (a. N,N-Dimethyl-p-phenylenediamine with citric acid and b. Simulated spectra of N,N-Dimethyl-p-phenylenediamine with citric acid).