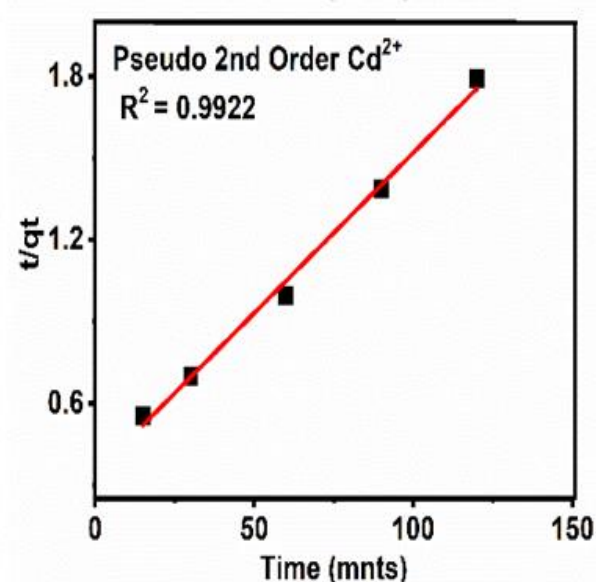
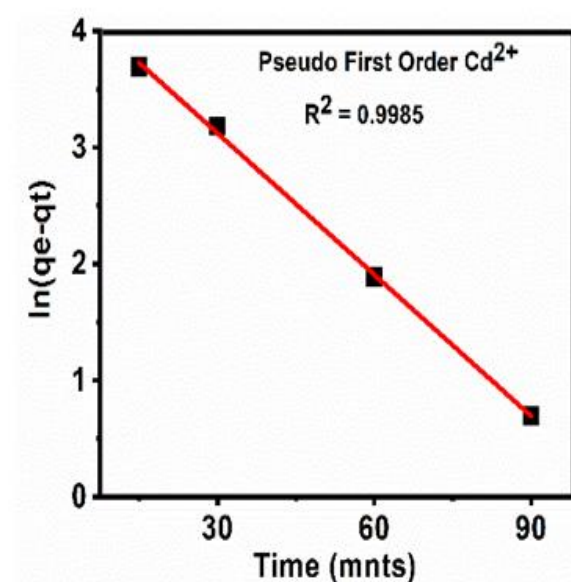
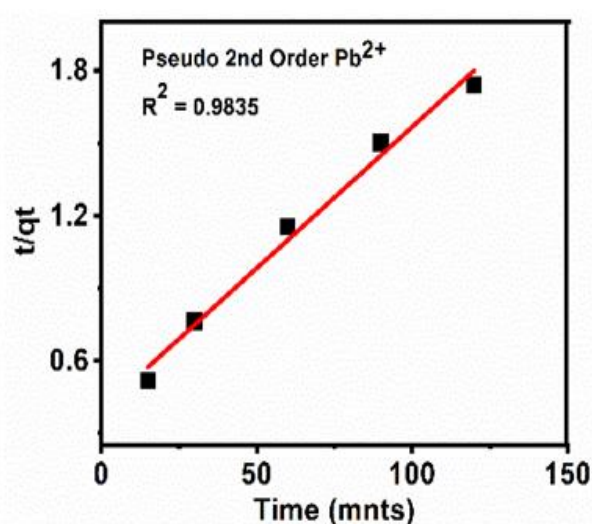
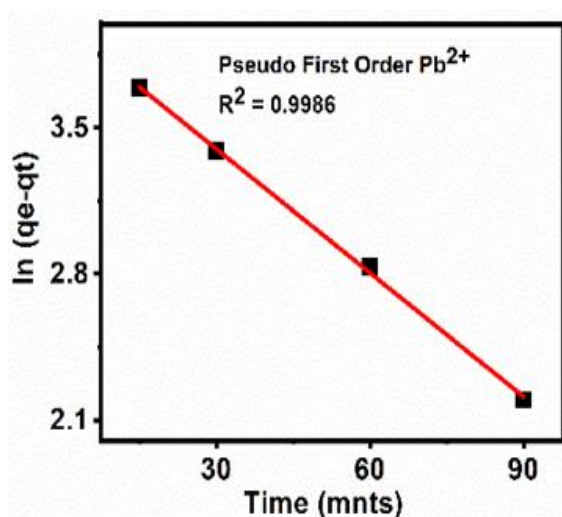
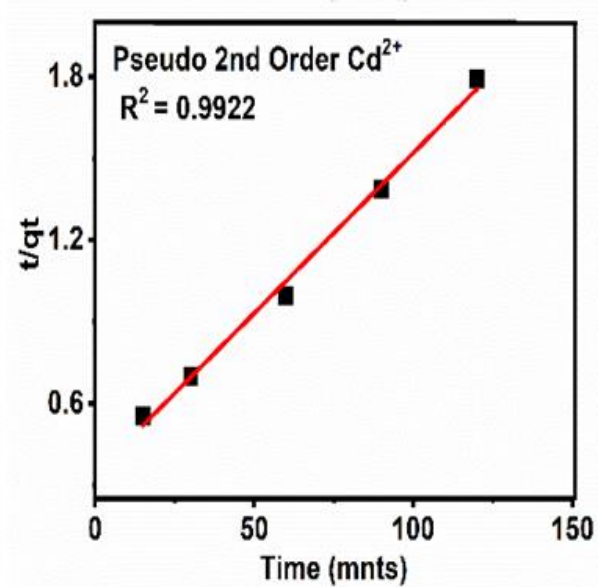
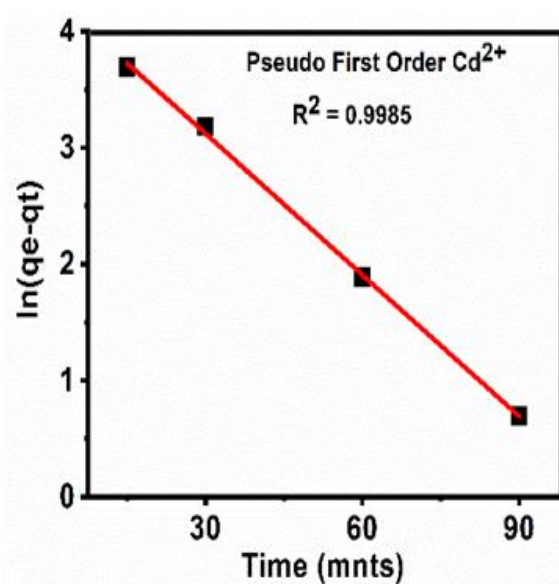
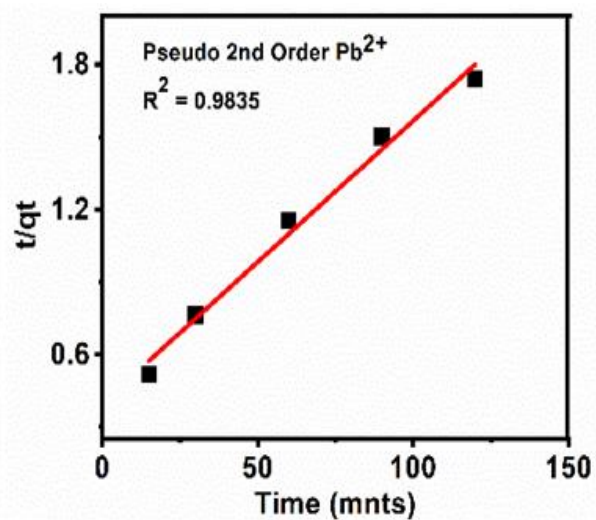
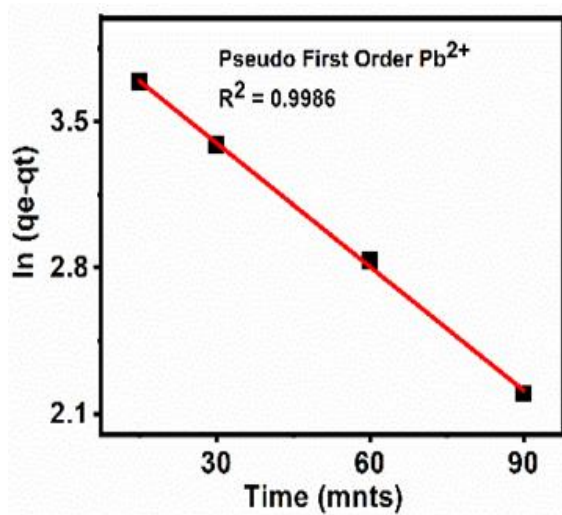
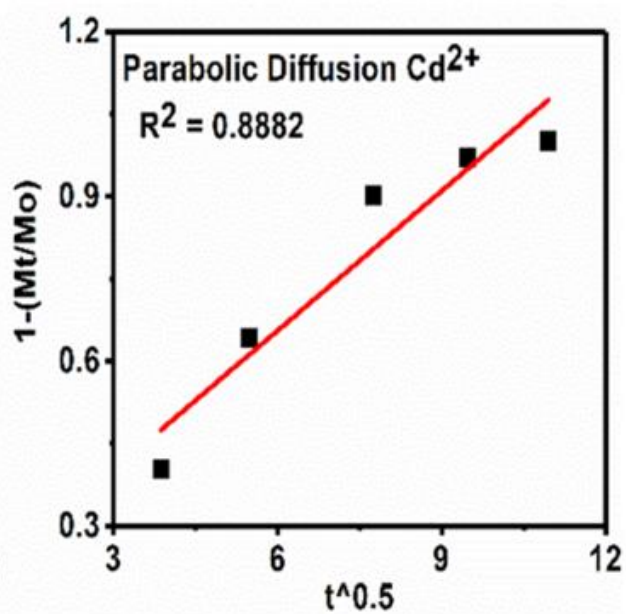
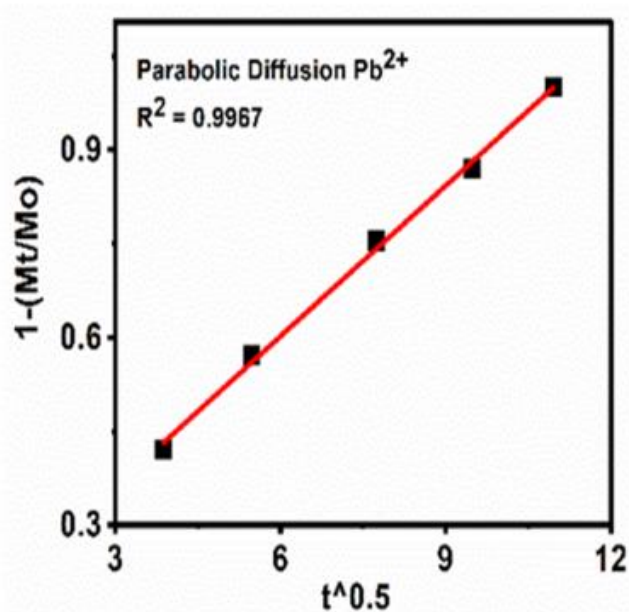
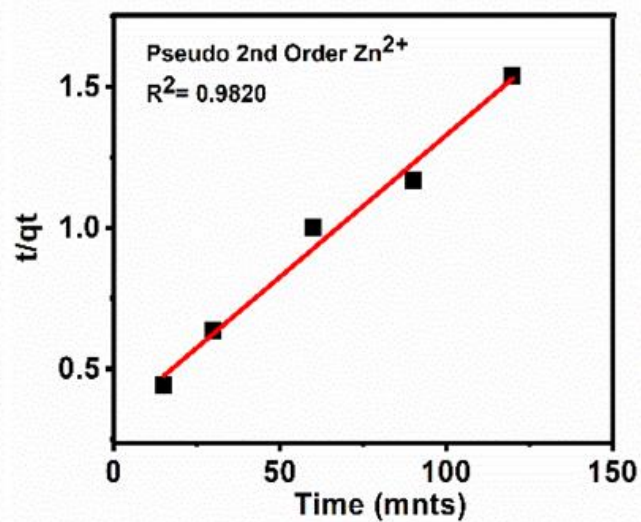
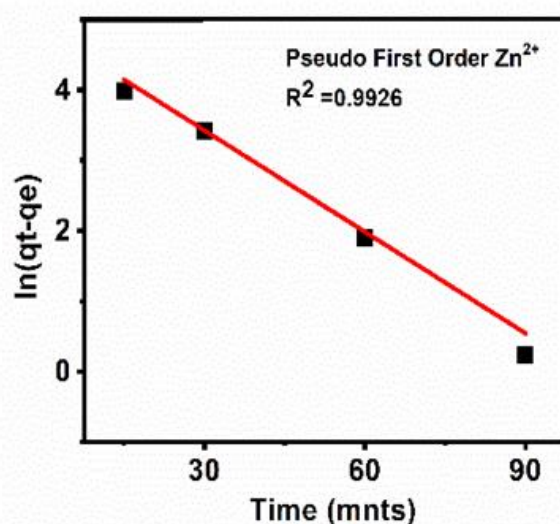
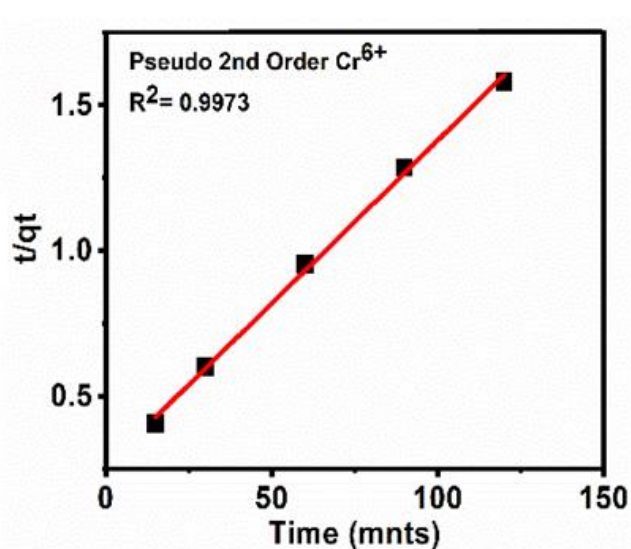
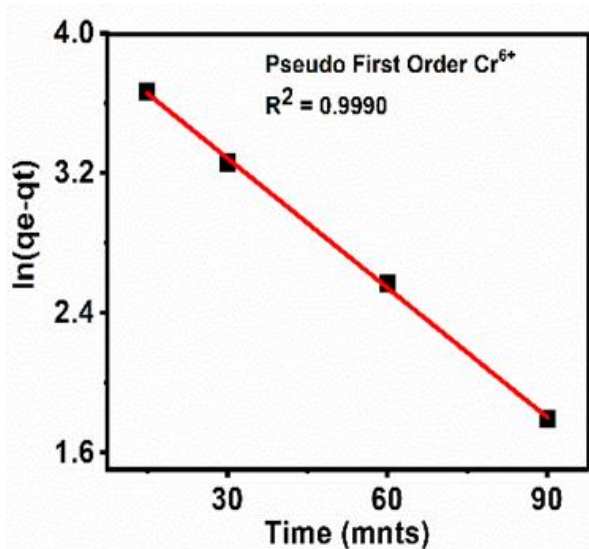


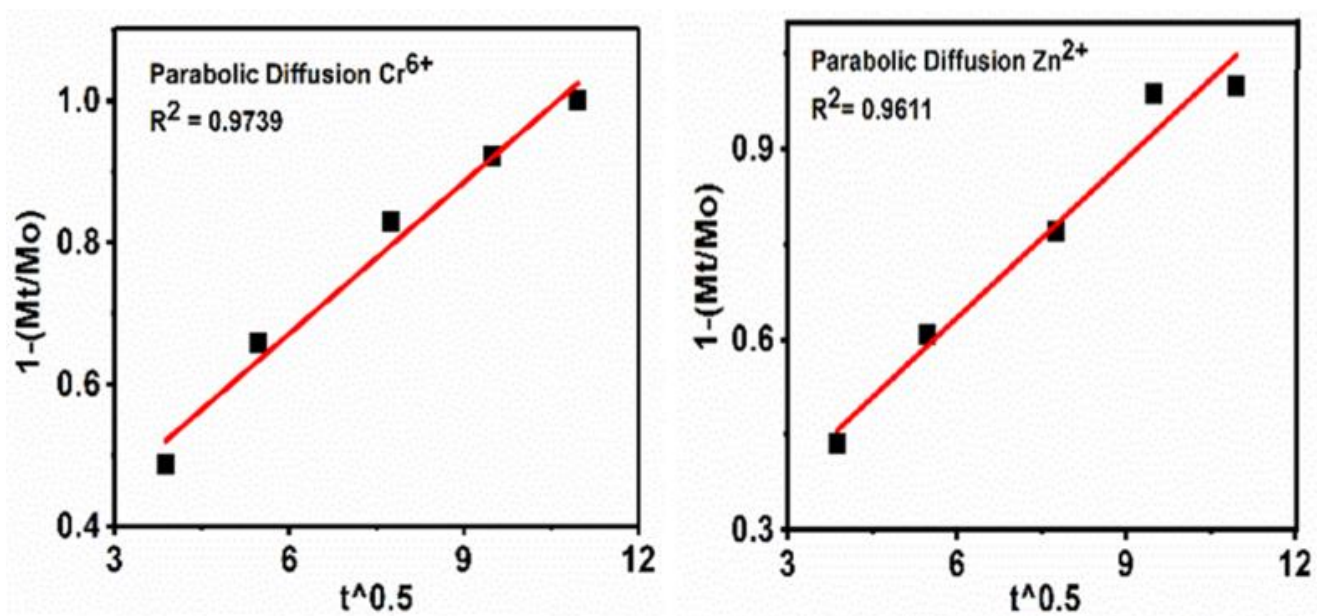
# Supplementary Materials: Ecofriendly Approach for Treatment of Heavy-Metal-Contaminated Water Using Activated Carbon of Kernel Shell of Oil Palm

Rabia Baby and Mohd Zobir Hussein \*

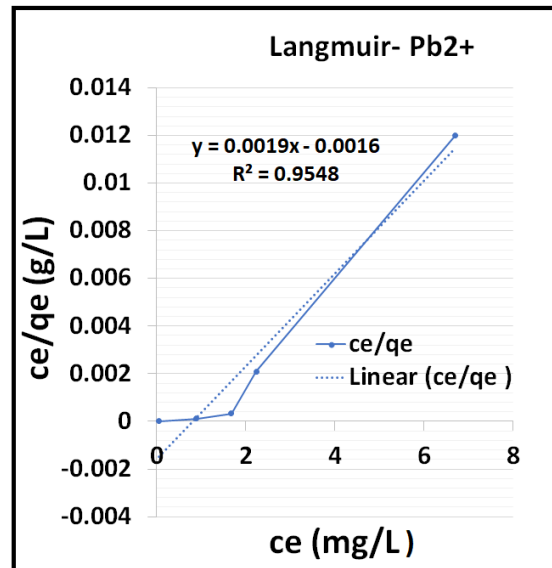
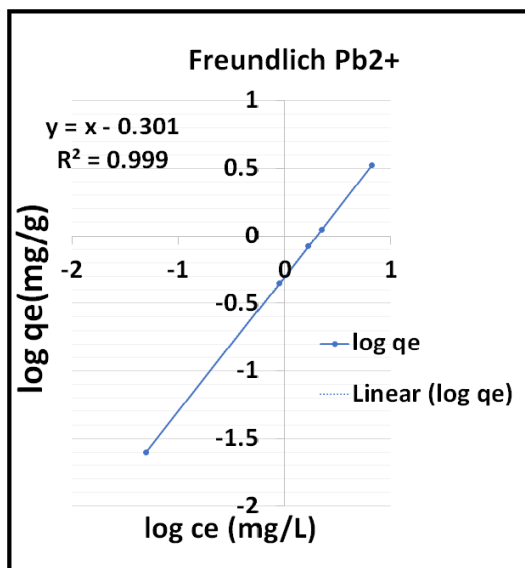
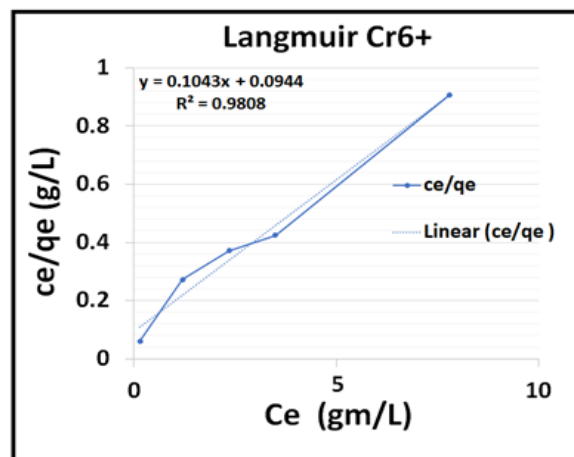
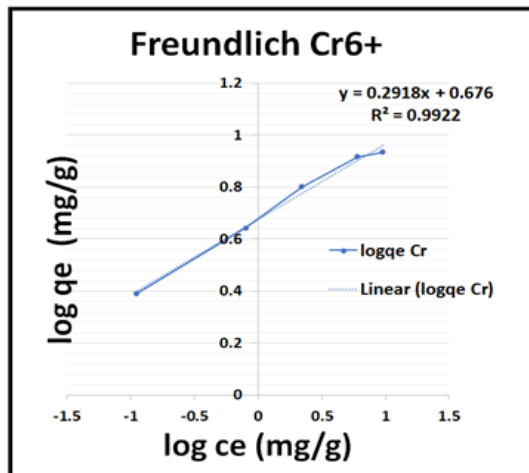
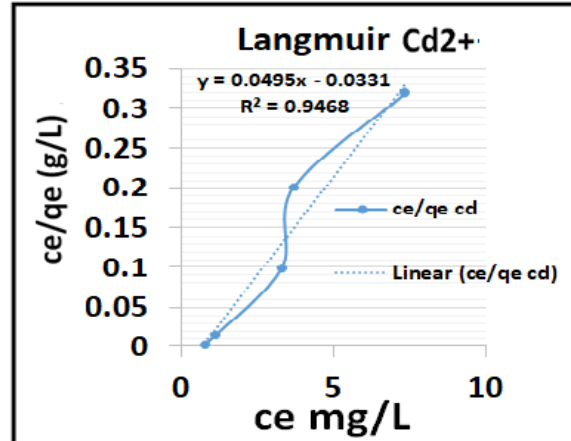
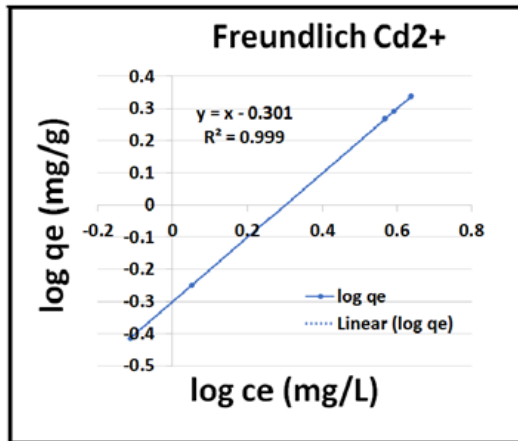


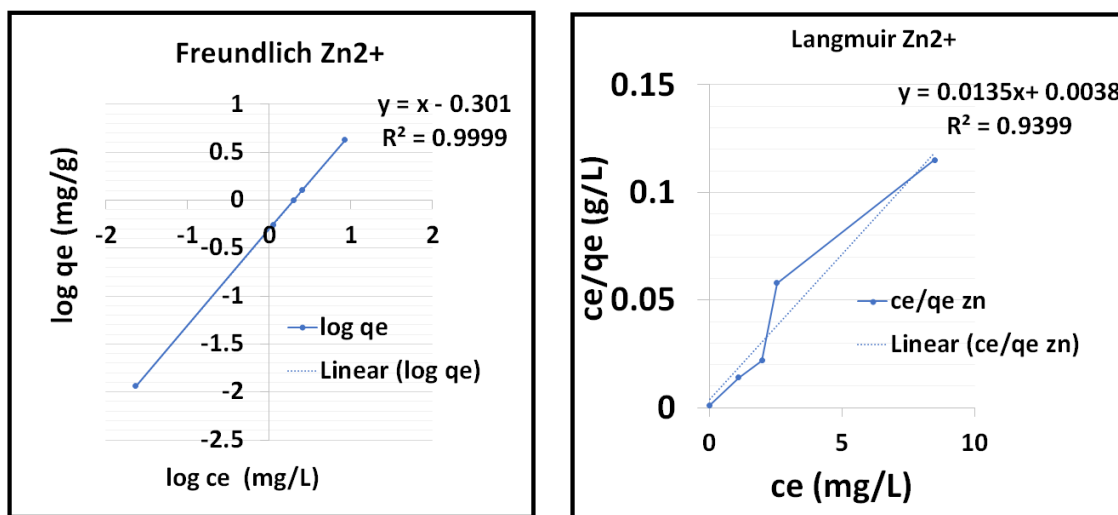






**Figure S1.** Kinetic graphs of Pseudo first order, Pseudo second order and parabolic diffusion for the adsorption Cr<sup>6+</sup>, Pb<sup>2+</sup>, Zn<sup>2+</sup> and Cd<sup>2+</sup> metal ions on the AC.





**Figure S2.** Freundlich and Langmuir Isotherms models-adsorption metal ion  $Cr^{6+}$ ,  $Pb^{2+}$ ,  $Cd^{2+}$  and  $Zn^{2+}$  on the activated carbon.



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