Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

for

"Electrochemical Sensor Based on Bio-inspired Molecularly Imprinted Polymer for Sofosbuvir Detection"

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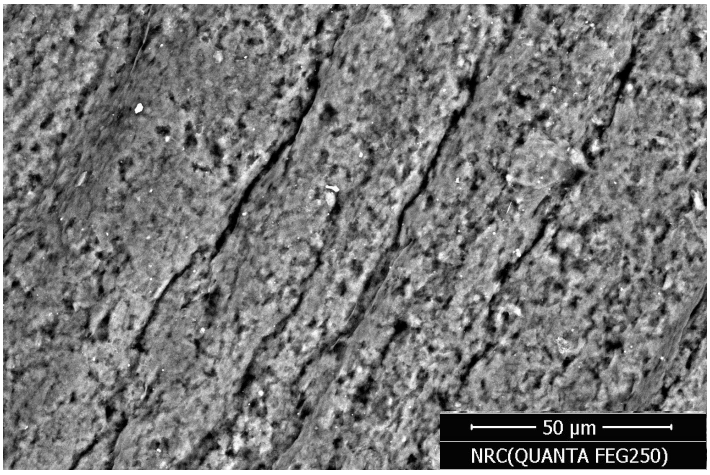
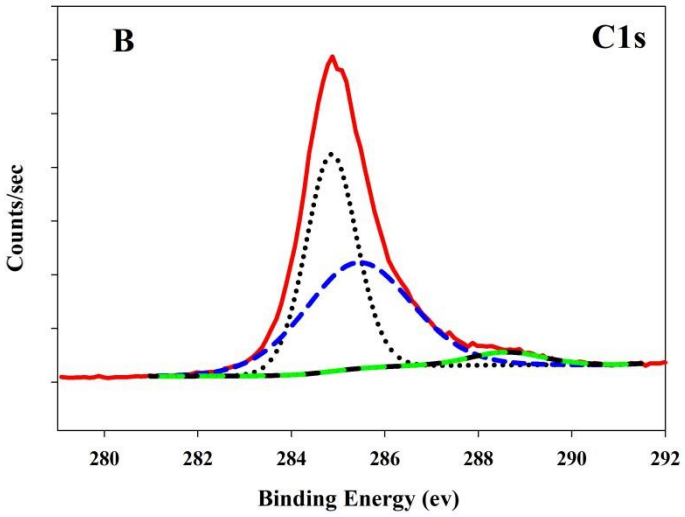
- Surface Characterization of PGE/MIP(PMD) by both SEM and XPS Analysis





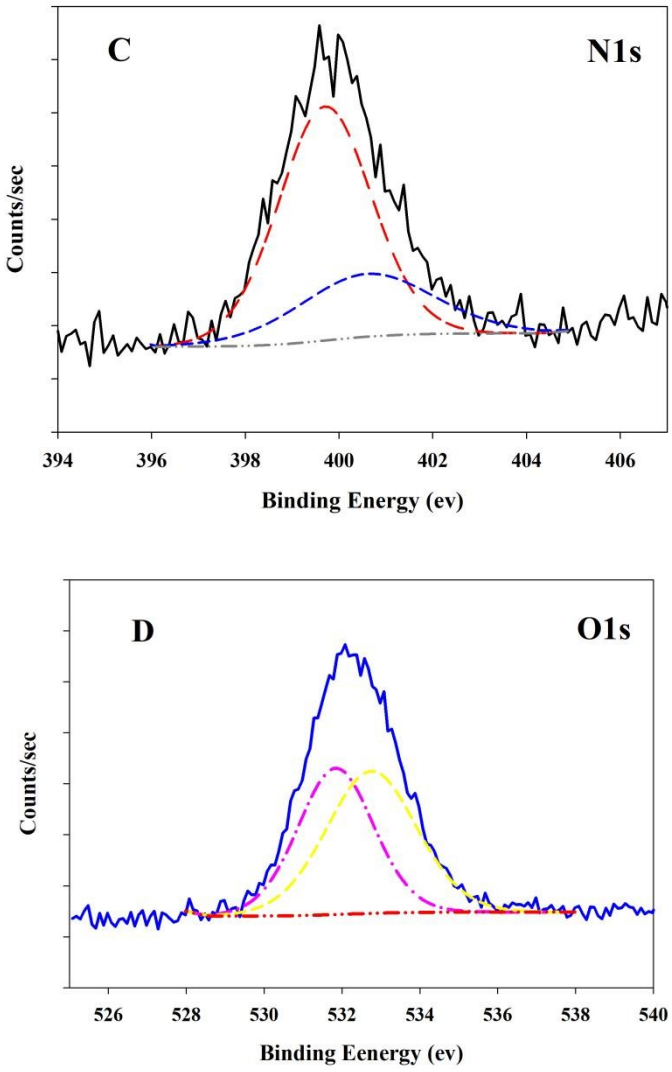


Figure S1(A). SEM of the modified PGE/MIP. **Figure S1(B).** High-resolution spectrum in C(1s) region showing three peaks that correspond to C-C , C-N , O–C=O bonds at 284.8 eV, 285.4eV, 288.6 eV, respectively. **Figure S1(C).** High resolution spectrum of N(1s) region, shows two peaks for R-NH-R and aromatic N atoms band at 399.7 eV and 400.5 eV, respectively. **Figure S1(D).** High resolution spectrum of O(1s) region, showing two peaks corresponding to O–C=O, C=O at 531.8 eV and 532.7 eV respectively.