

Supporting Information

Facile preparation 2D Bi₂MoO₆ nanosheets-RGO composites with Enhanced Photocatalytic Activity

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KEYWORDS: Bi₂MoO₆ nanosheets, graphene, ciprofloxacin (CIP), photocatalyst.

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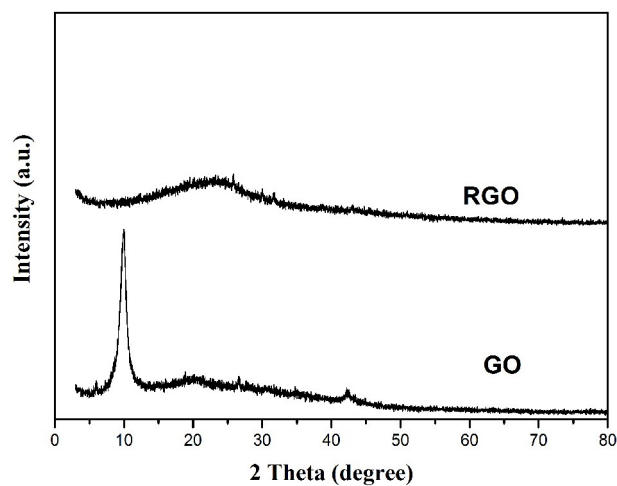


Figure S1. XRD pattern of GO and RGO

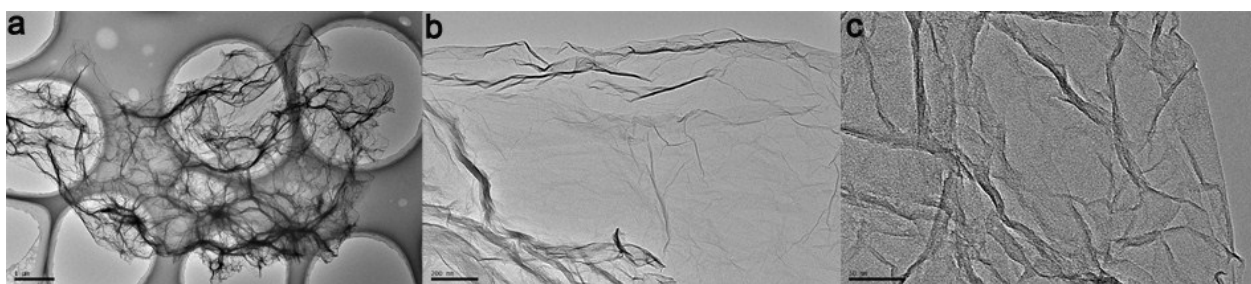


Figure S2. TEM images (a, b, c) of the RGO

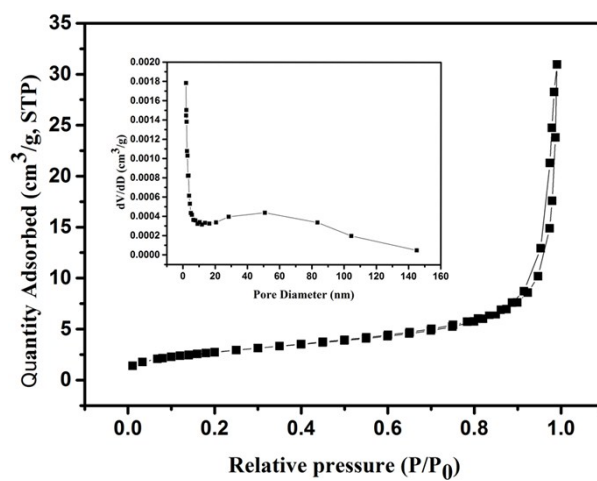


Fig. S3. Nitrogen adsorption-desorption isotherms and the corresponding pore size distribution plot (inset) of Bi_2MoO_6 nanosheets.

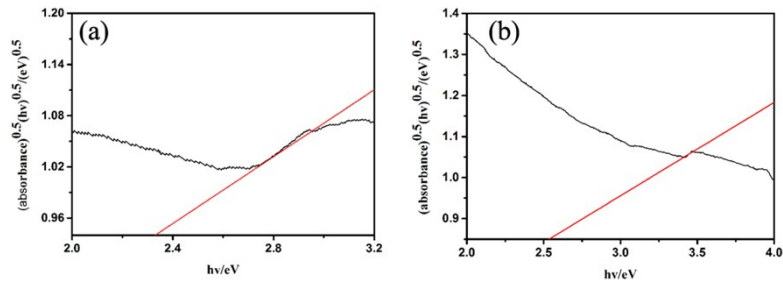
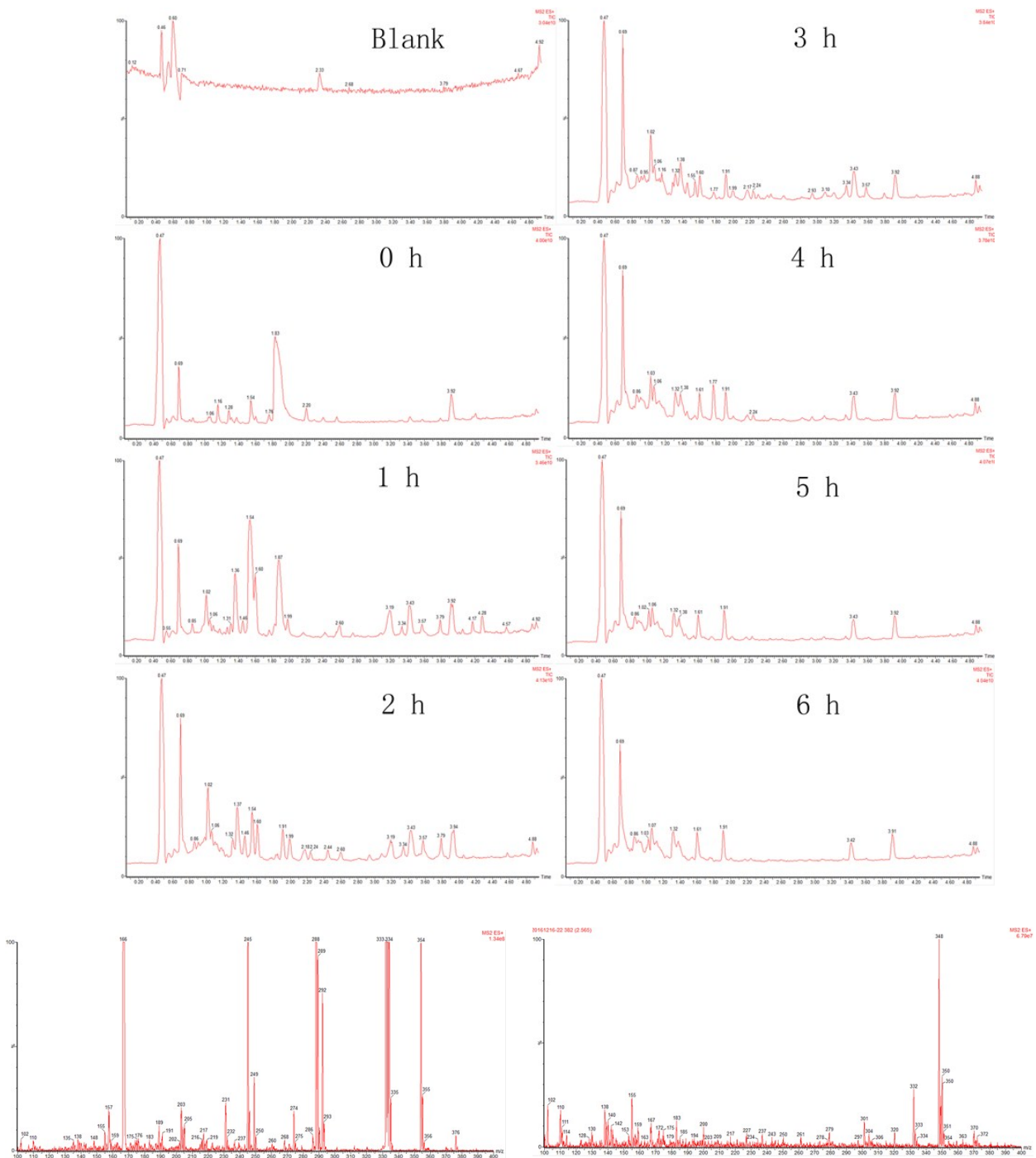


Fig. S4. The $(Ah\nu)^{1/2}$ - $h\nu$ curves of (a) Bi_2MoO_6 nanosheets and (b) Bi_2MoO_6 -RGO composites.



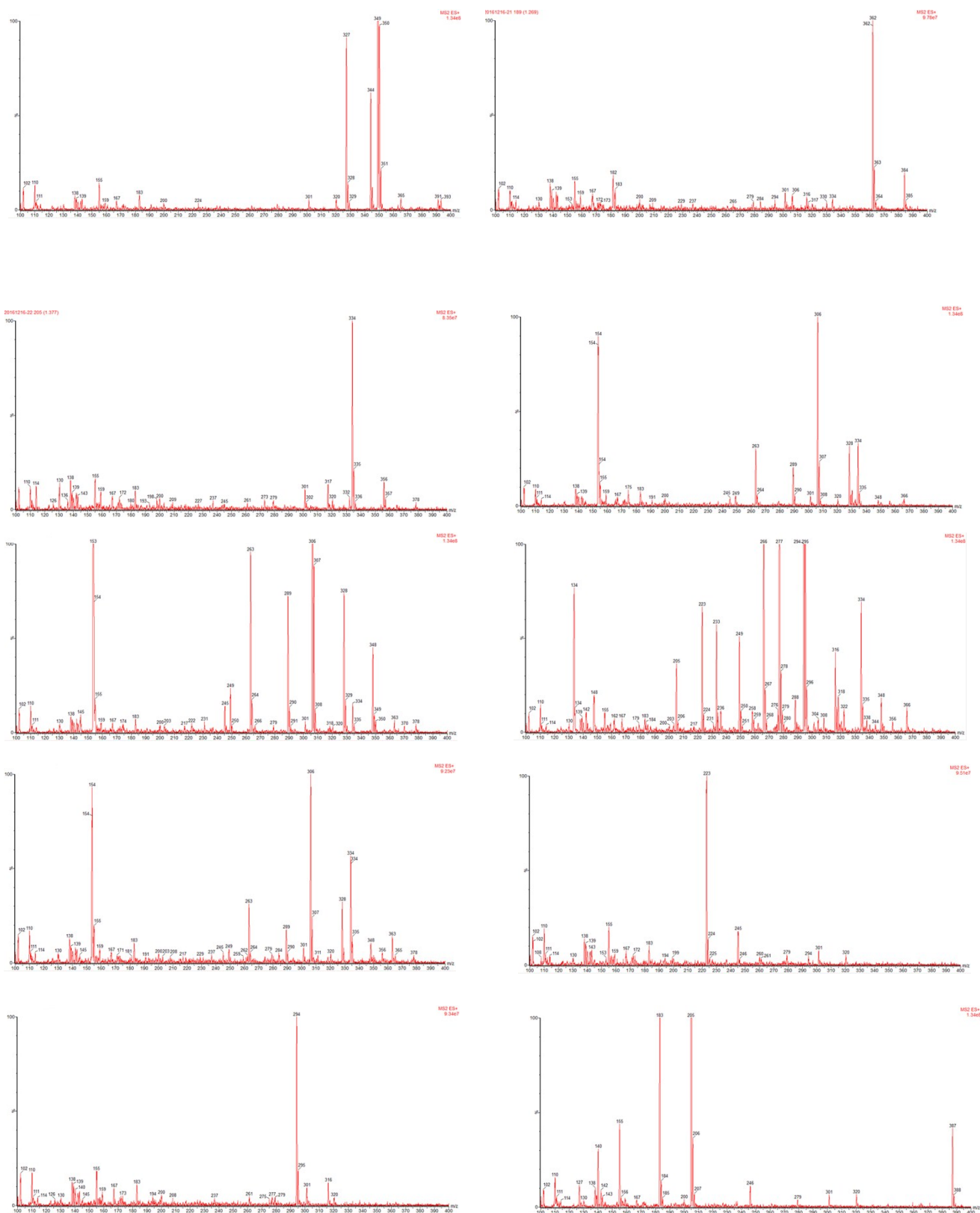


Figure S5. Ultra performance liquid chromatography mass spectrometry (UPLC-MS) chromatogram for CIP over Bi_2MoO_6 -RGO composites after UV irradiation.