

Supplementary File

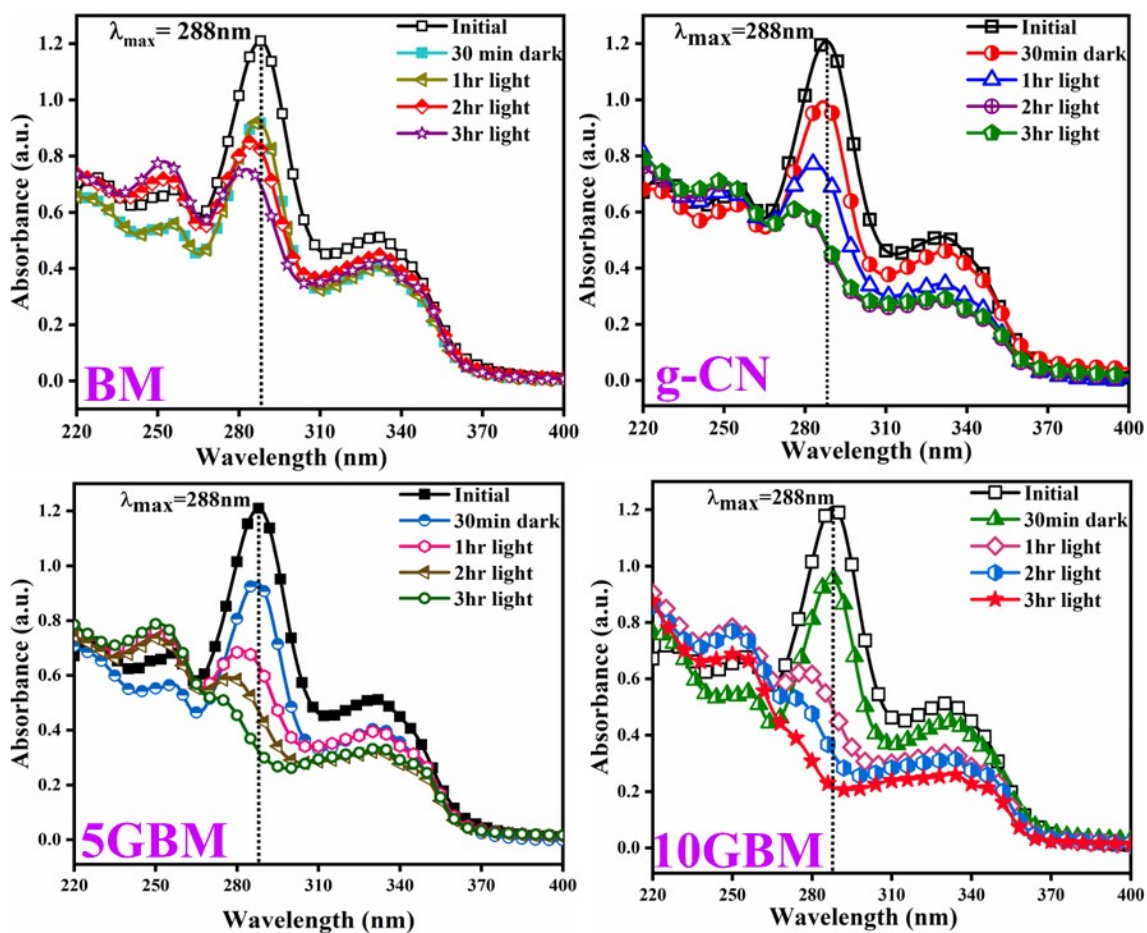


Fig. S1: Kinetic study of pristine BM, g-CN and different wt.% loaded composites.

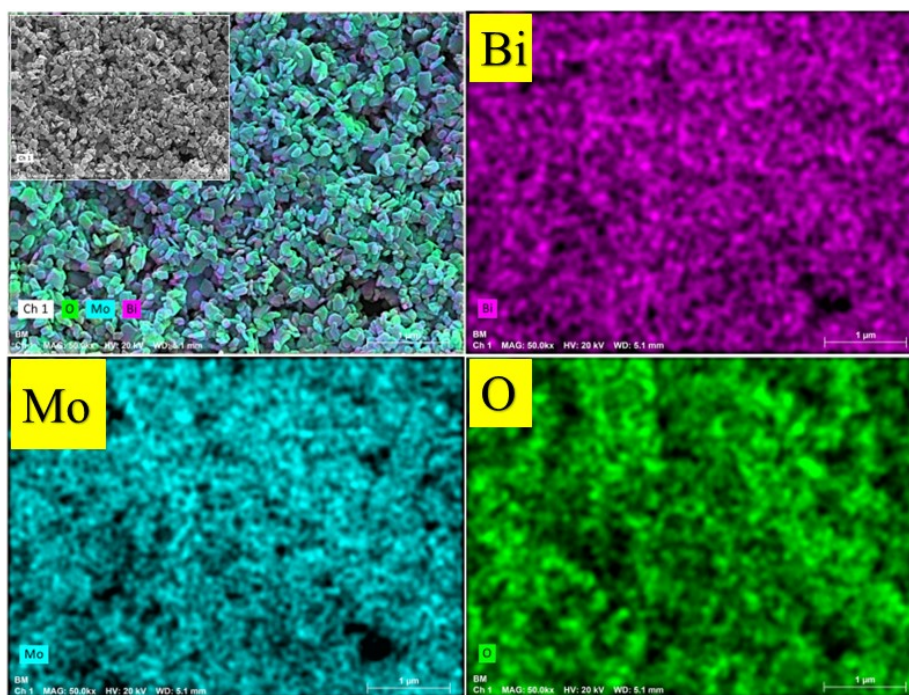


Fig. S2: EDS mapping of pristine BM containing elements Bi, Mo and O.

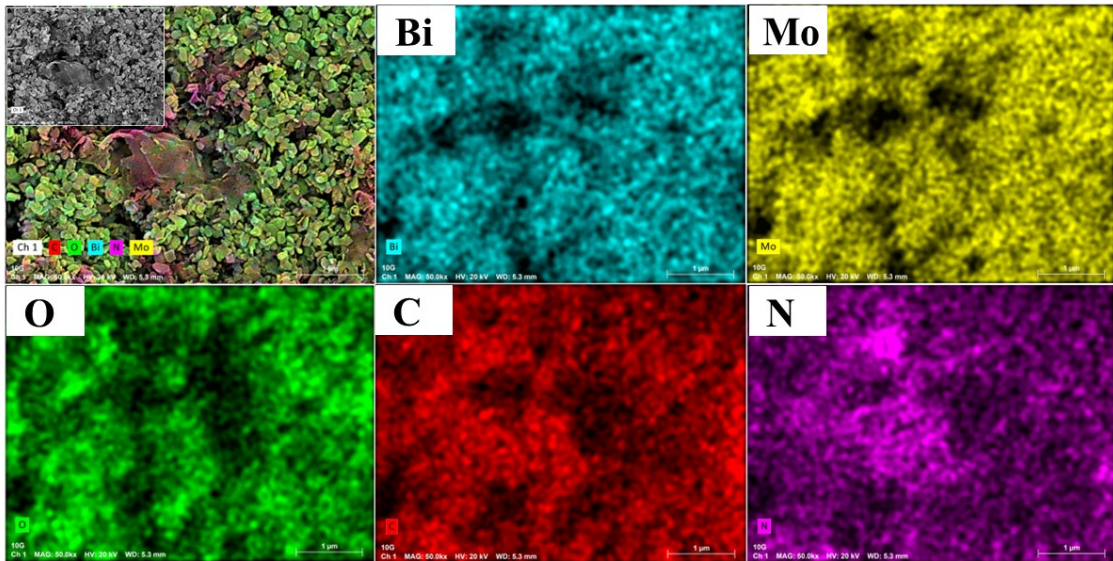


Fig. S3: EDS mapping of ternary nanocomposite 10GBM having all the elements Bi, Mo, O, C and N.

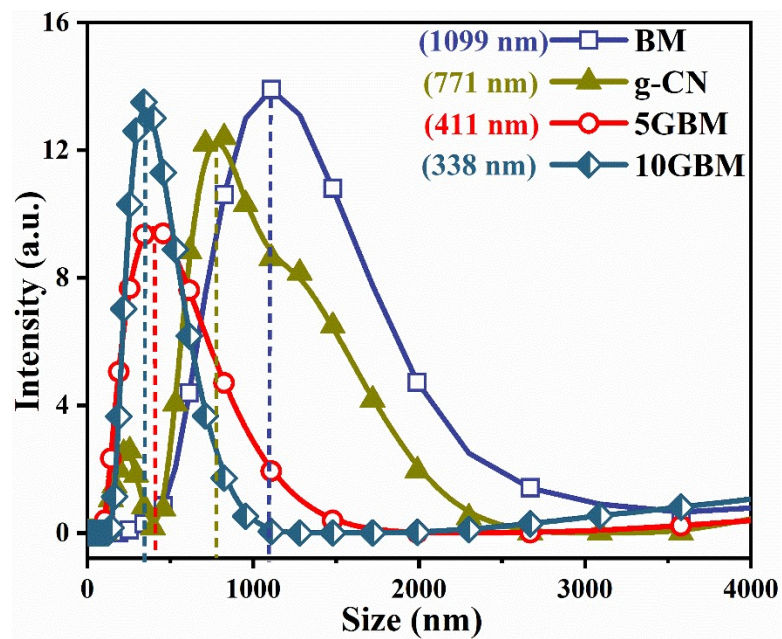


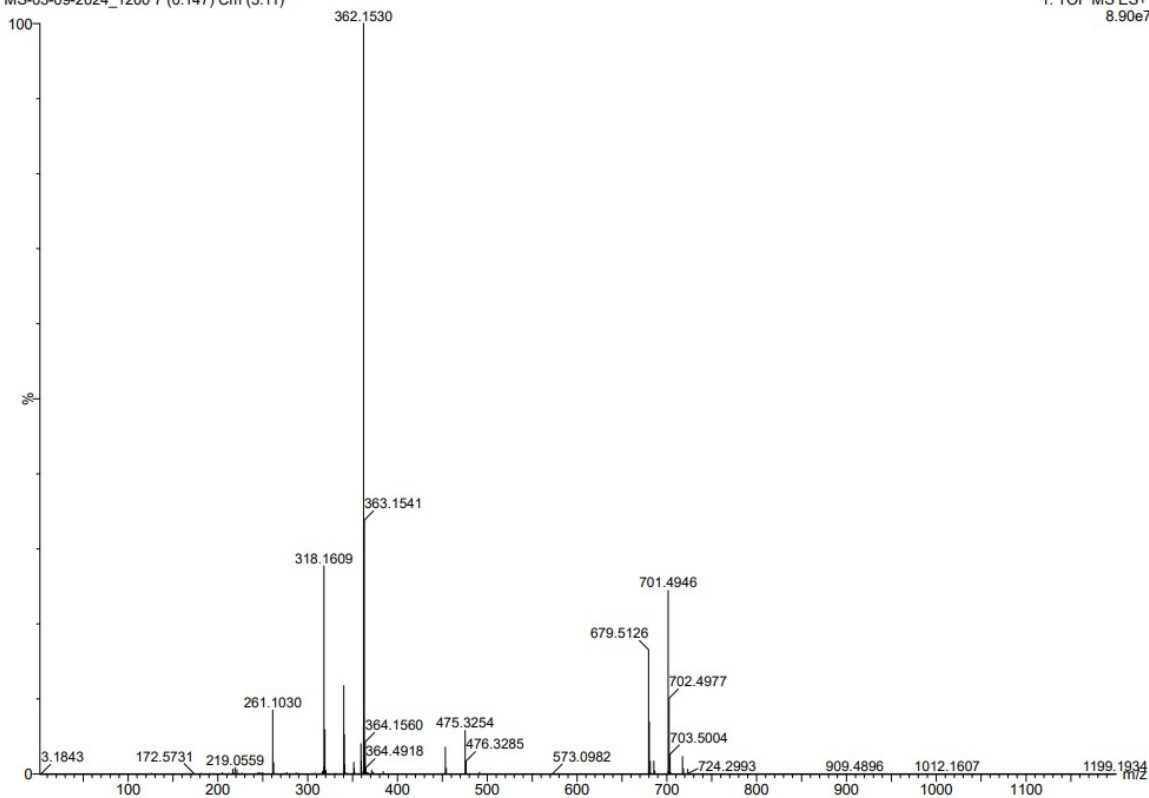
Fig. S4: The hydrodynamic size of photocatalyst and their composites.

03-Sep-2024
17:30:39

XEVO-G2XSQTOF#NotSet

1: TOF MS ES+
8.90e7

MS-03-09-2024_1200 7 (0.147) Cm (5:11)

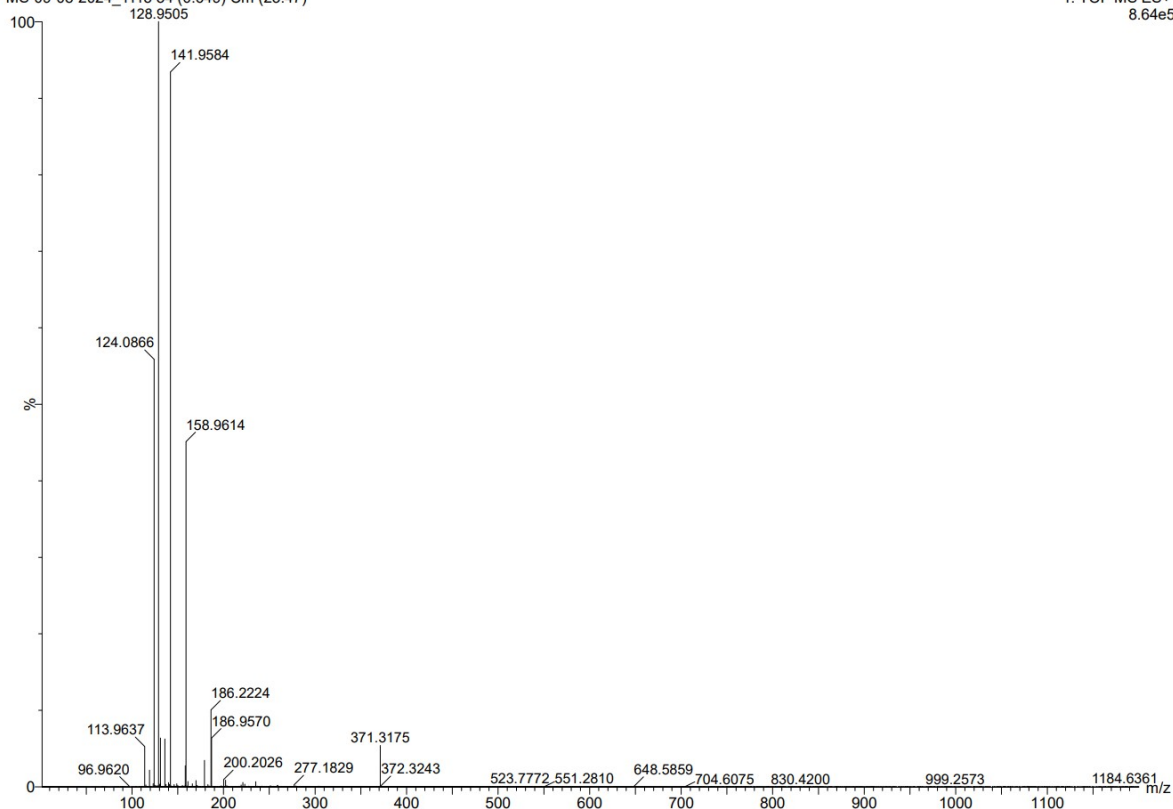


09-Aug-2024
17:36:53

XEVO-G2XSQTOF#YFC2320

1: TOF MS ES+
8.64e5

MS-09-08-2024_1115 34 (0.649) Cm (23:47)



09-Aug-2024
17:21:36

XEVO-G2XSQTOF#YFC2320

1: TOF MS ES+
4.74e5

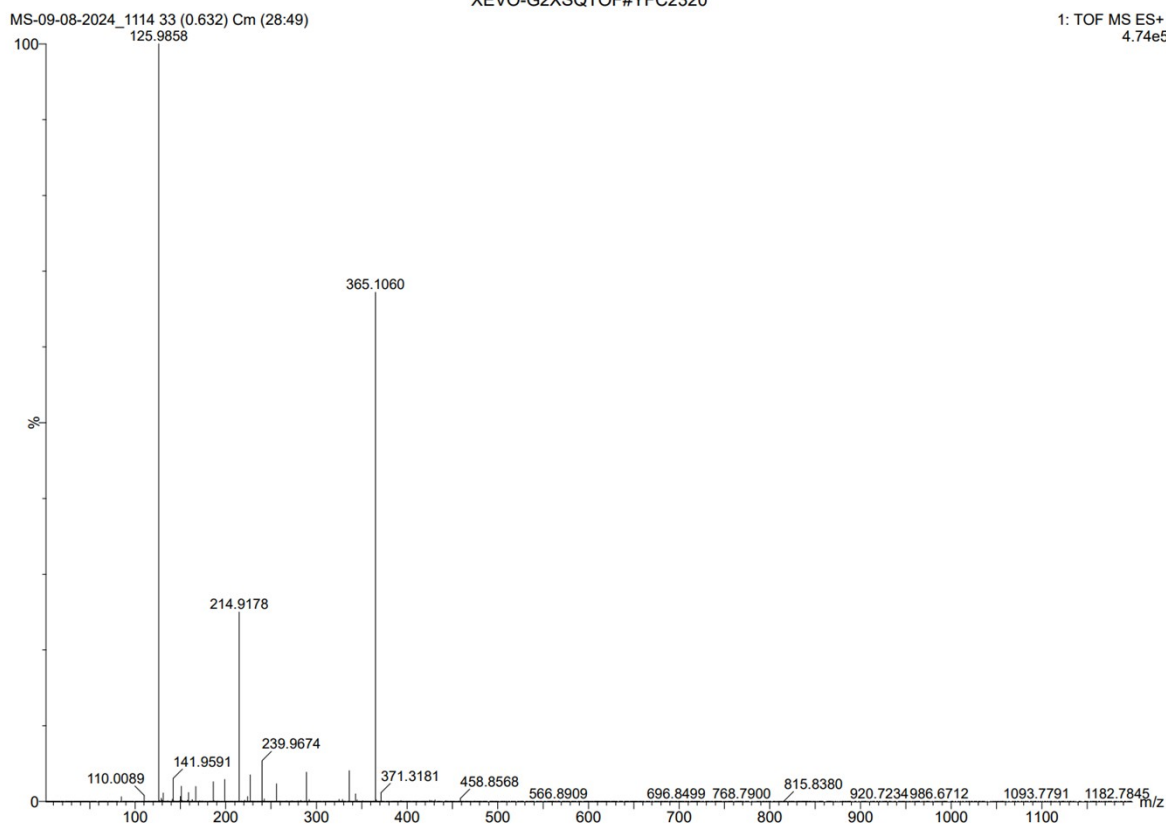


Fig. S5: The different fragments of ofloxacin using 10GBM photocatalyst.