

Supplementary Data

1. HPLC study results

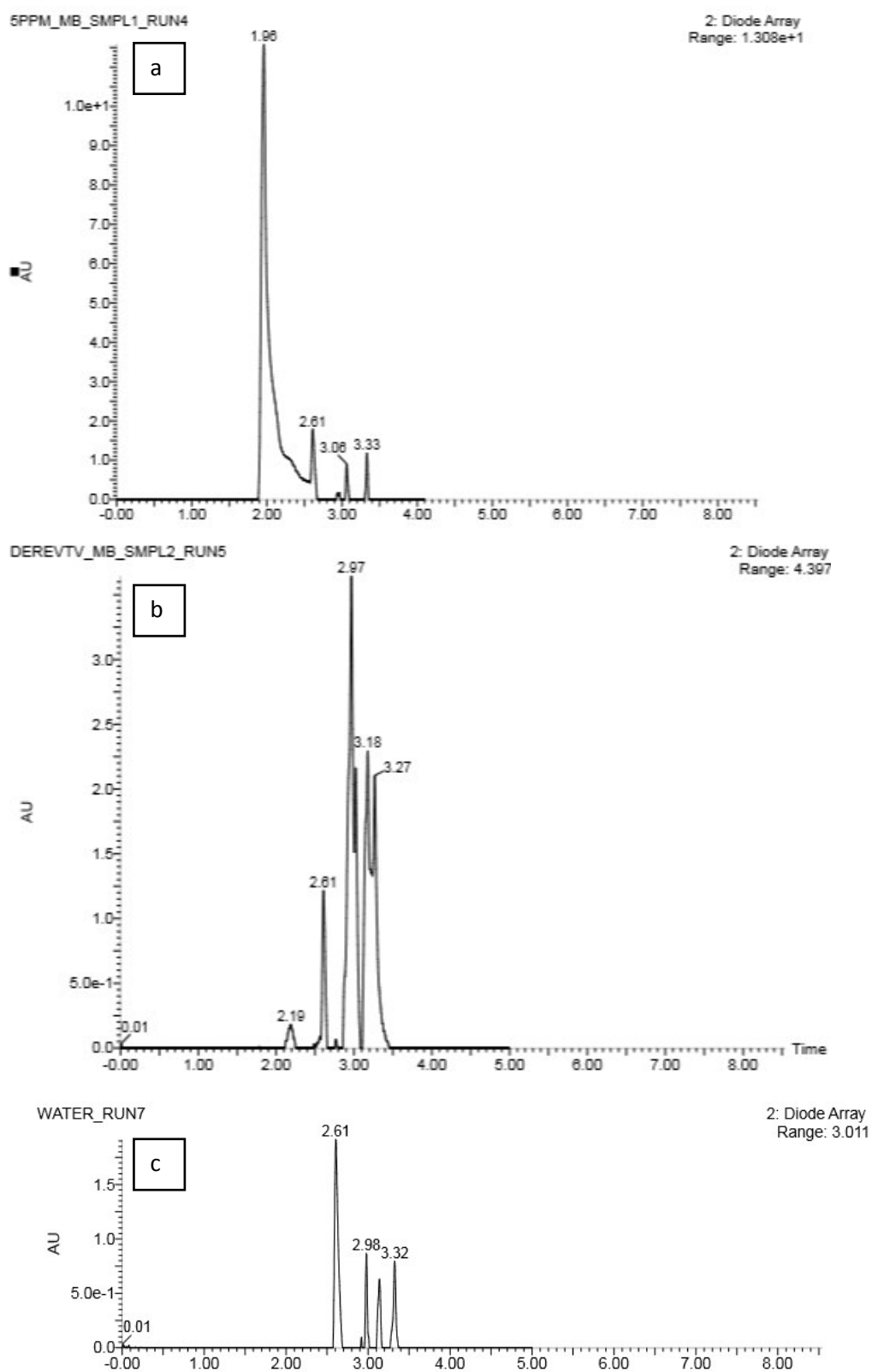


Fig. S1. HPLC plots of methylene blue (a) before degradation (b) after degradation and (c) water

2. XRD pattern of the photocatalyst after degradation of methylene blue

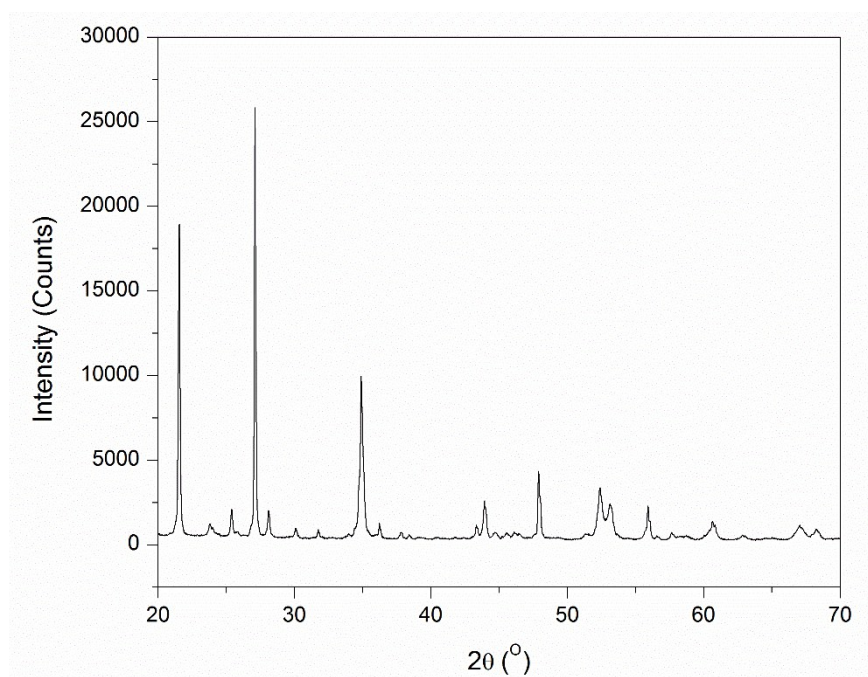


Fig. S2. XRD pattern of the $U_3O_8@ZnO$ photocatalyst after degradation of methylene blue

3. UV-vis study to confirm photocatalytic activity of the composite against adsorption

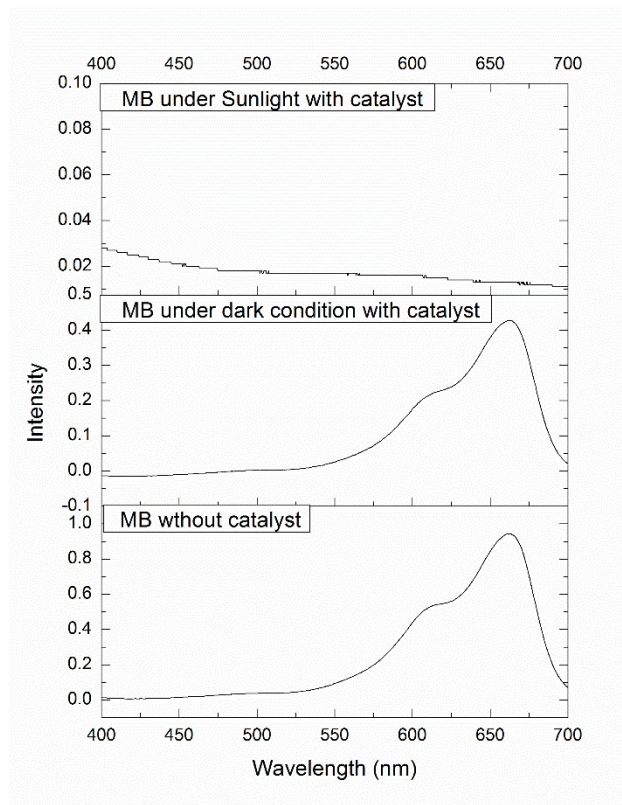


Fig. S3. UV-vis spectra of methylene blue solutions to demonstrate photocatalysis