

Electronic supporting information for

# **AgInS<sub>2</sub>-Coated Upconversion Nanoparticle as a Photocatalyst for Near-Infrared Light Activated Photodynamic Therapy of Cancer Cells**

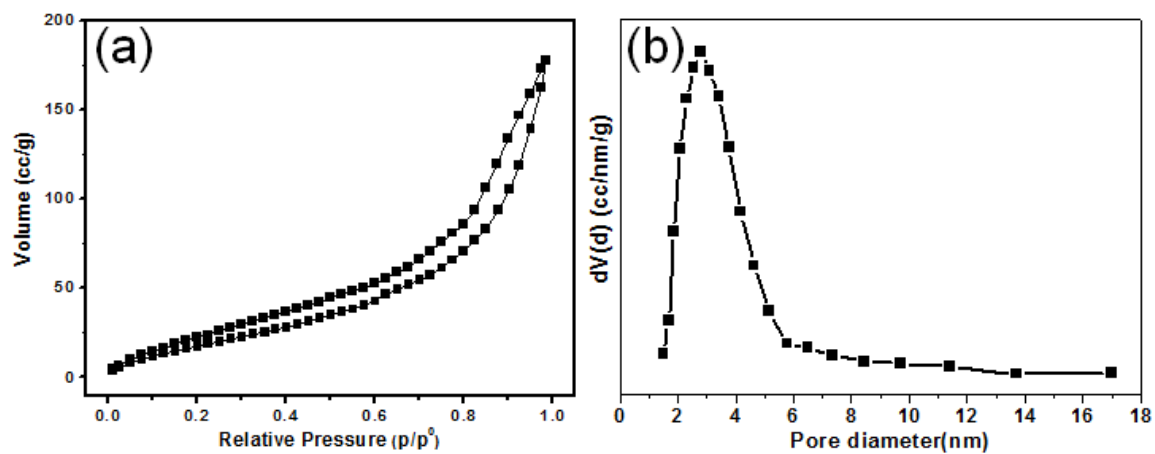
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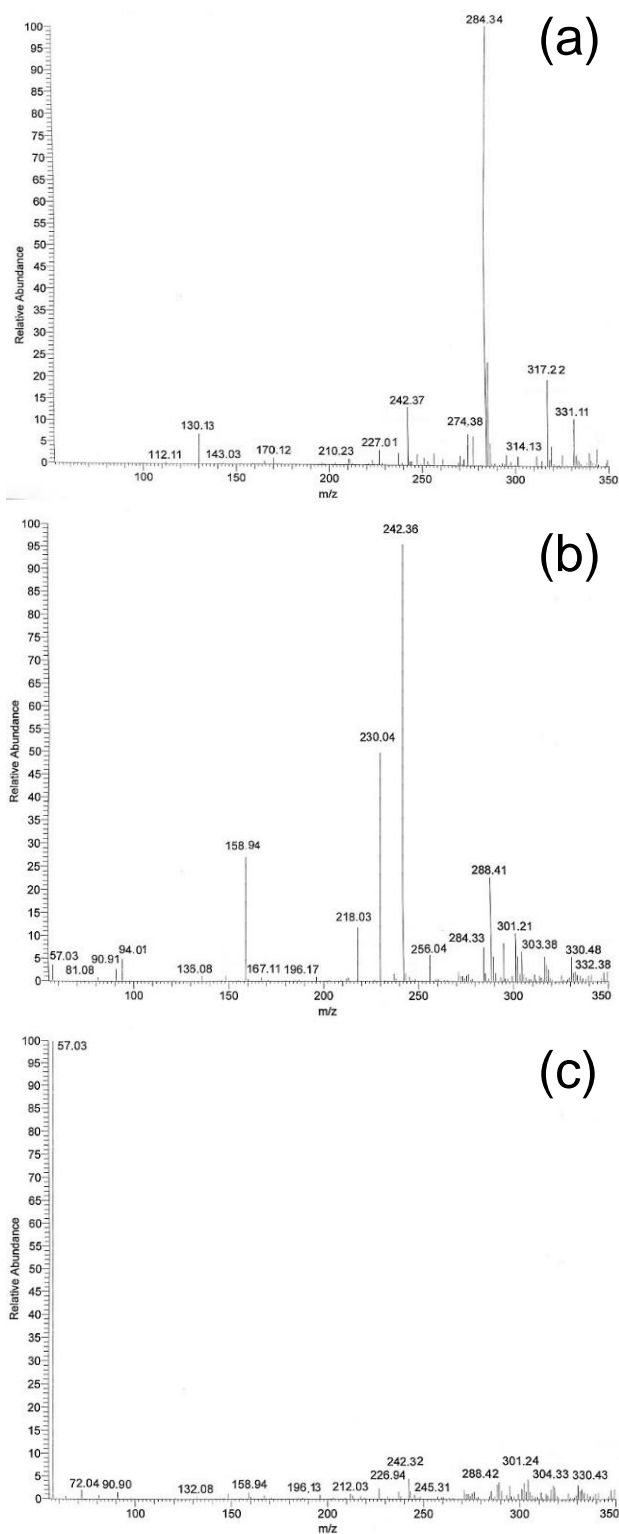
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**Figure S1.** (a) BET isotherms, and (b) pore size distribution curves of UCN@AIS NPs.



**Figure S2.** LCMS spectra of MB solution: (a) before photocatalysis, (b) during the photocatalysis (4 h), and (c) after photocatalysis (9 h) in presence of UCN@AIS NPs.