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Electronic Supplementary Information

Preparation and photophysical characterisation of Zn-Al layered double hydroxides intercalated by anionic pyrene derivatives

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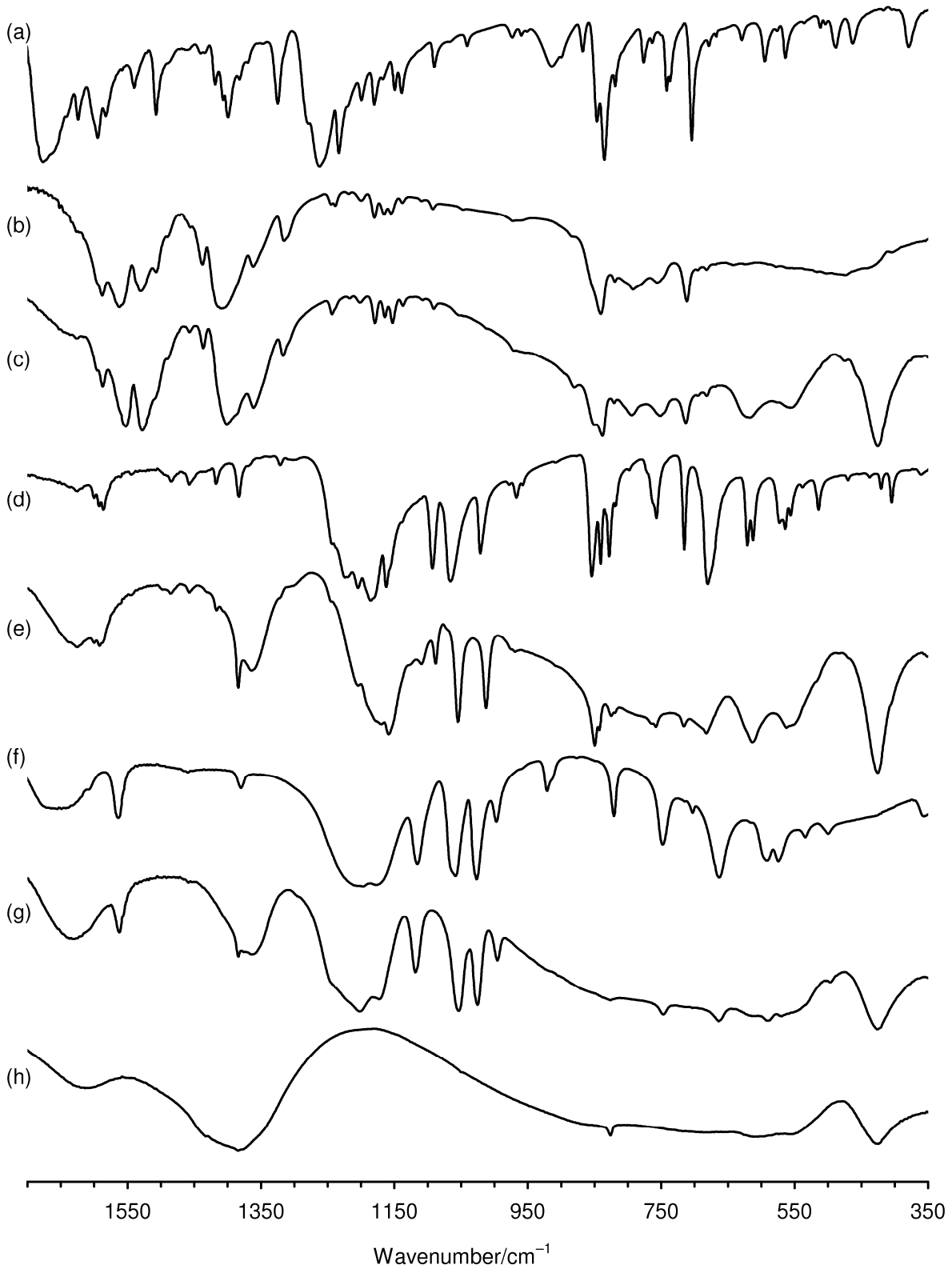

Fig. S1. FTIR spectra of (a) 1-pyrenecarboxylic acid, (b) Zn-Al-PC_{cal}, (c) Zn-Al-PC, (d) sodium 1-pyrenesulfonate, (e) Zn-Al-PS, (f) tetrasodium 1,3,6,8-pyrenetetrasulfonate hydrate, (g) Zn-Al-PTS, and (h) Zn-Al-NO_3.

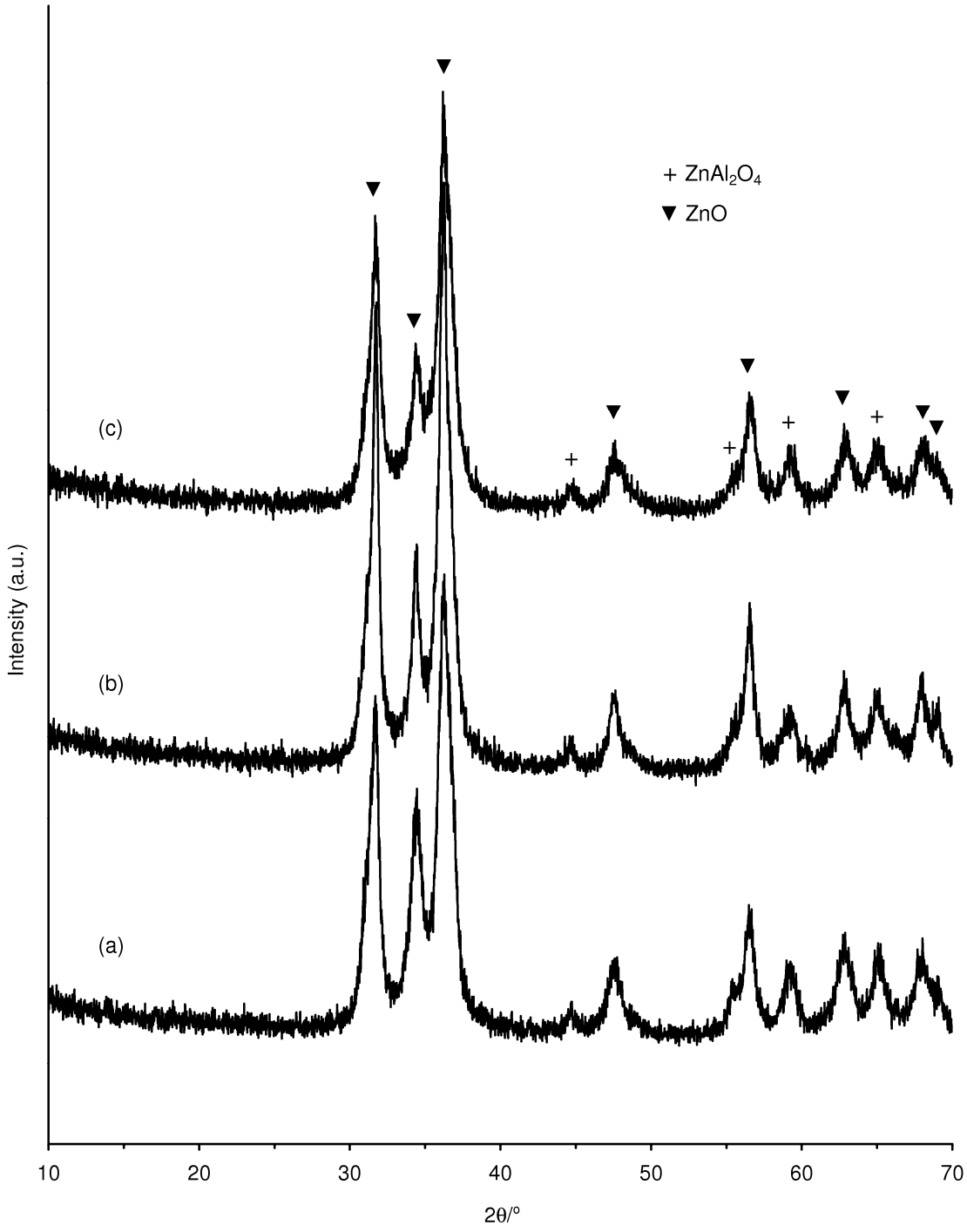

Fig. S2. Powder XRD patterns (Cu-K_α X-radiation, λ = 1.54060 Å) of the following samples calcined under static air for 3 h at 700 ºC: (a) Zn-Al-PC, (b) Zn-Al-PS, and (c) Zn-Al-PTS.