Electronic Supplementary Information

For

Inorganic-organic nanocomposites comprised of CdSe nanocrystals surface-modified with oligo- and poly(fluorene) moieties

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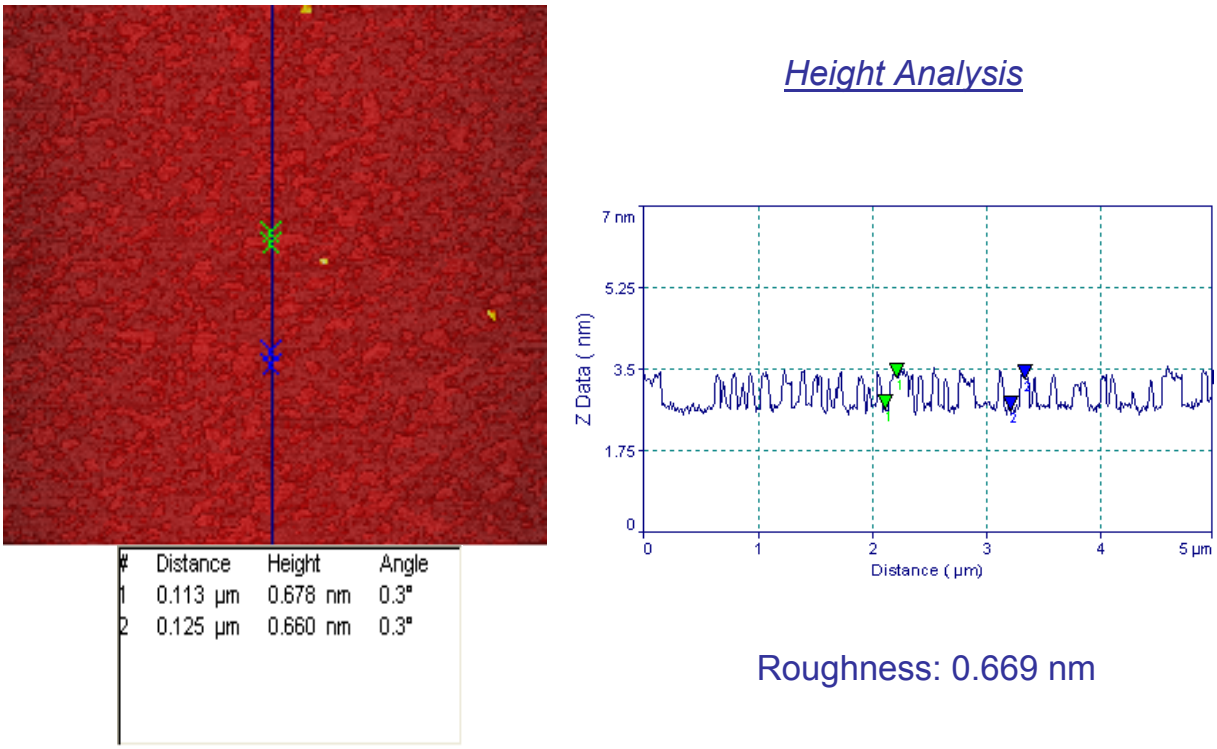
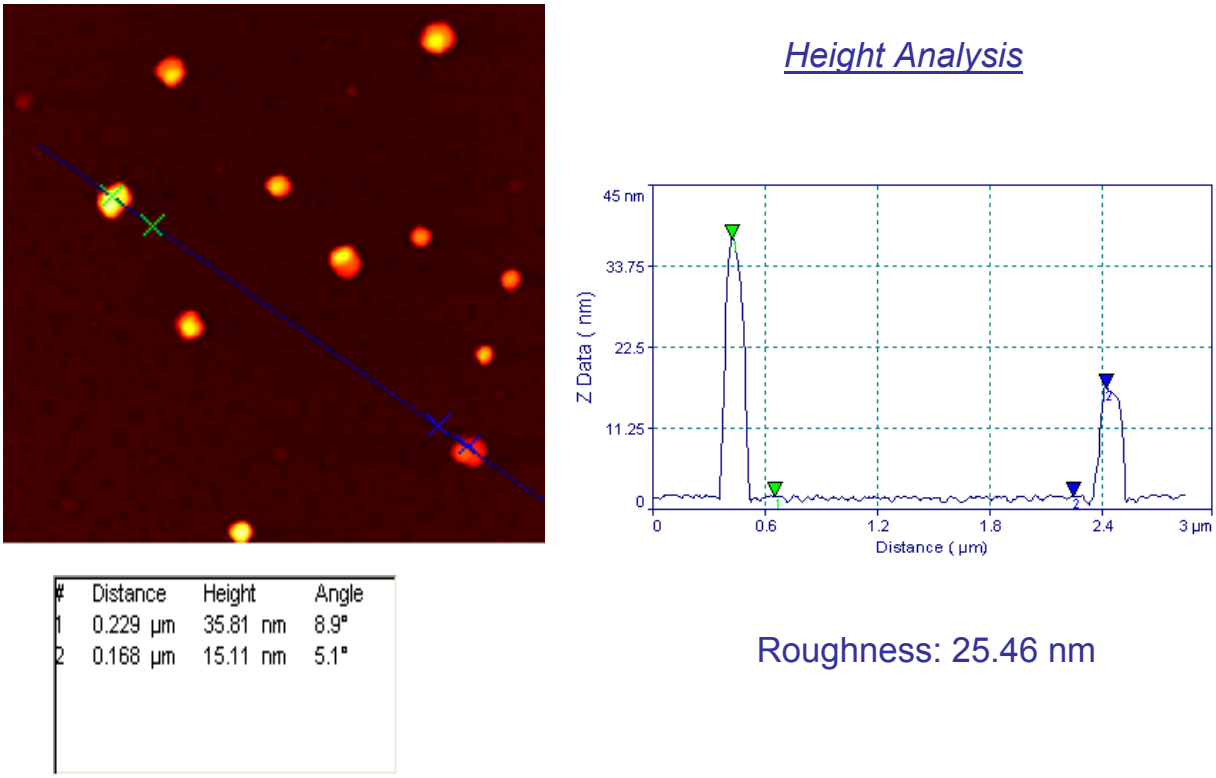
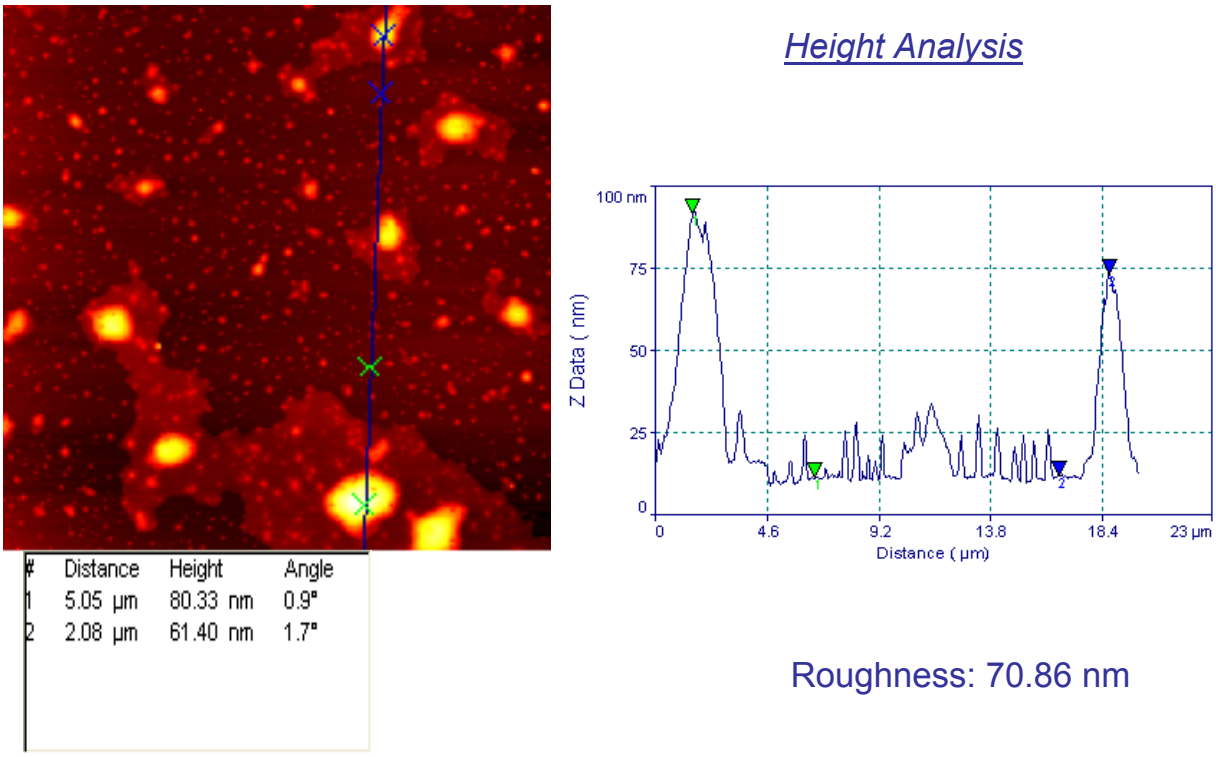
Contents:



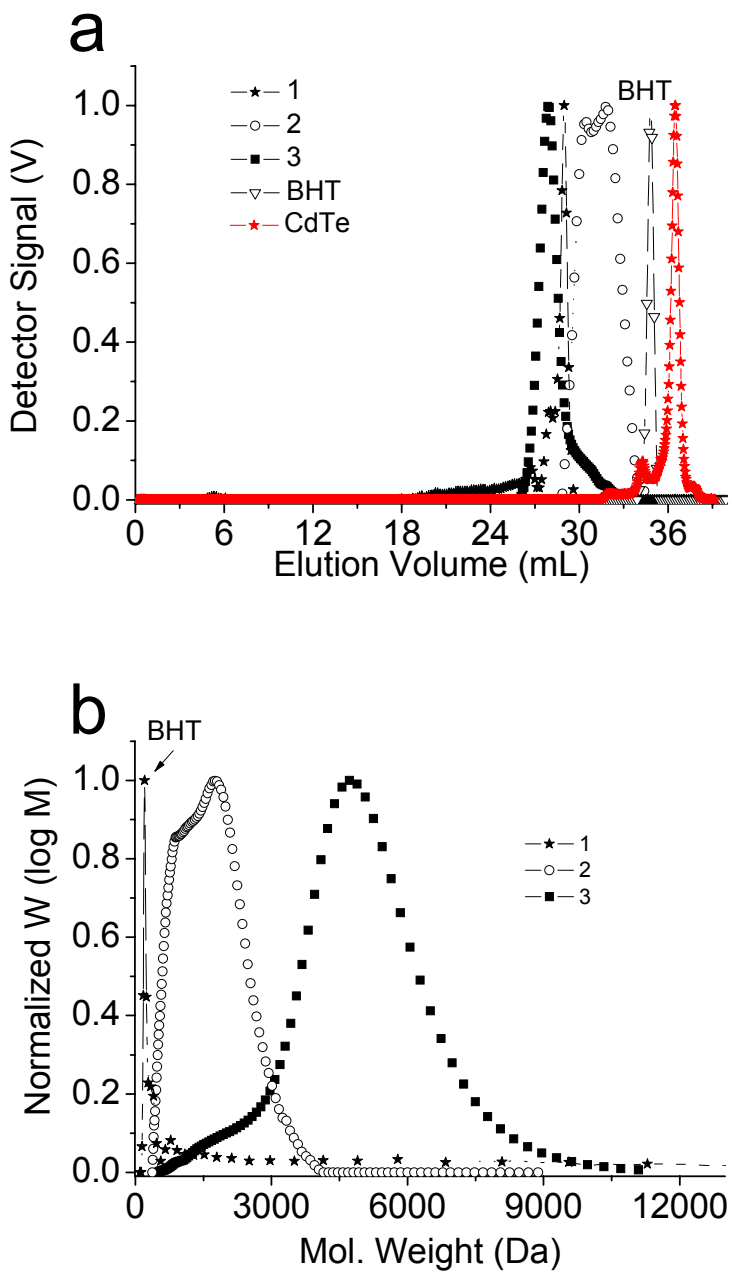
FigS 1 AFM height analysis (tapping mode) of **1** on glimmer cast from a toluene dispersion (10 mg/mL) after annealing at 180 °C for 4 hours.



FigS 2 AFM height analysis (tapping mode) of **2** on glimmer cast from a chloroform dispersion (10 mg/mL) after annealing at 180 °C for 4 hours.



FigS 3 AFM height analysis (tapping mode) of **3** on glimmer cast from a chloroform dispersion (10 mg/mL) after annealing at 180 °C for 4 hours.



FigS 4 (a) Gel permeation chromatography (GPC) elugrams of nanocomposites **1, 2** and **3** compared to the internal standard butylated hydroxytoluene (BHT) and to CdTe NCs (red). CdTe NCs are of an estimated M_w of about 6 kDa and **1** of an estimated M_w of about 10-12 kDa. Note that inorganic nanoparticles do not reveal similar M_w as expected for polymers of the same weight in the GPC analysis, due to very different hydrodynamic volume and due to the exclusion limit v_0 starting at 800 Da in our system. (b) Molecular weight distributions of the nanocomposites **1-3**. We stress once again that M_w derived from the GPC data cannot be regarded as absolute values for the investigated samples due to the different hydrodynamic volume of the NCs as compared to the GPC polymer standards.