Supplement

The Role of the Initiator System in the Synthesis of Acidic Multifunctional Nanoparticles Designed for Molecular Imprinting of Proteins

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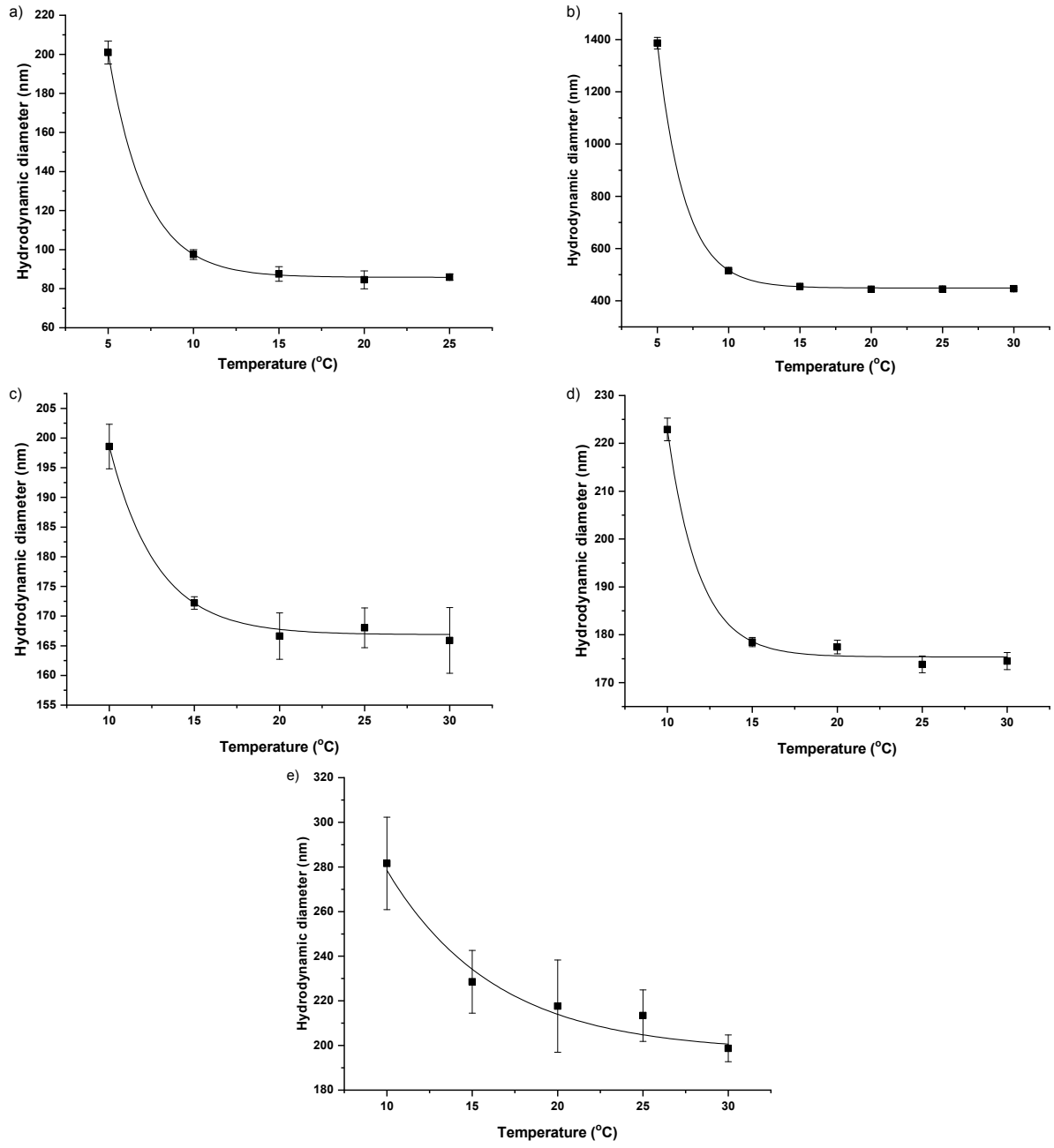

Fig. S1 Temperature dependence of the hydrodynamic diameters of a) NP1 prepared with SDS at 60 °C; b) NP2 prepared at 60 °C; c) NP3 prepared with SBS at 40 °C; d) NP4 prepared with SBS at room temperature; e) NP5 prepared with TEMED at 40 °C

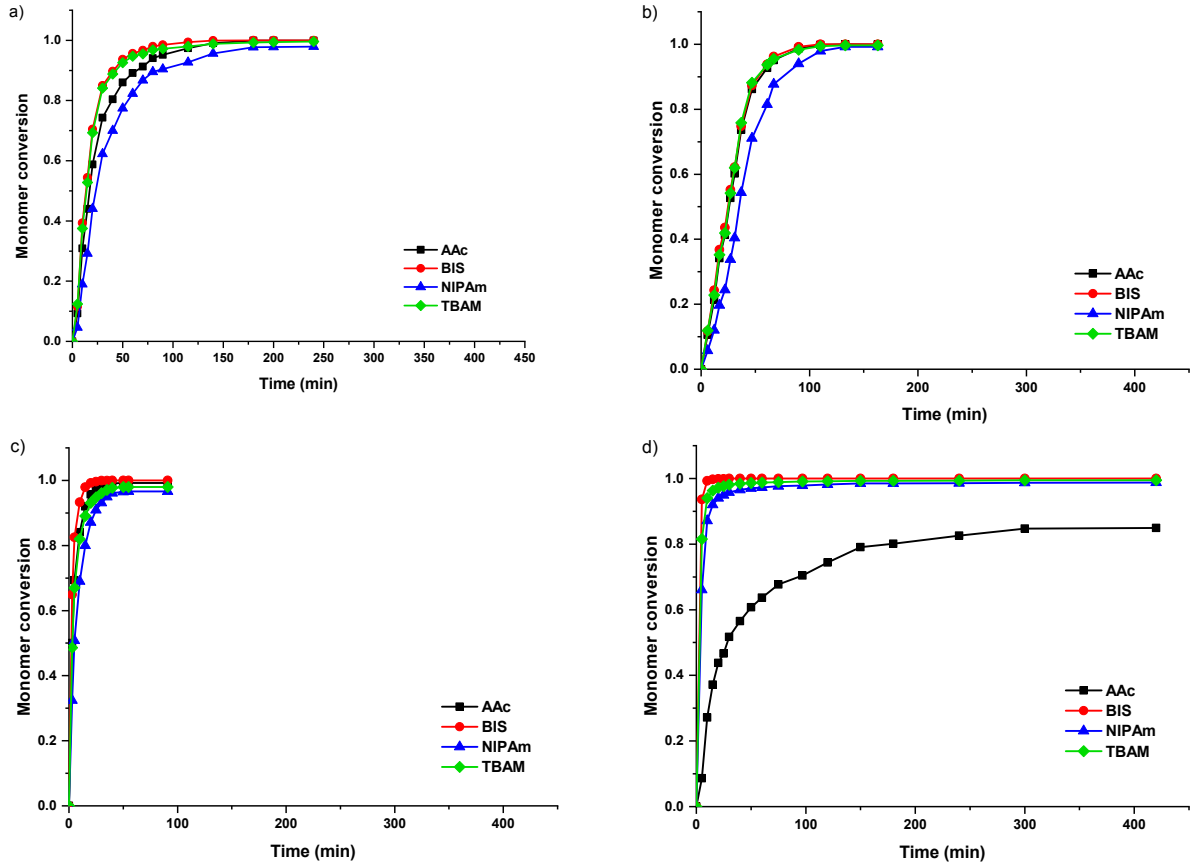

Fig. S2 Conversion of the individual monomers with time in a) NP1 prepared with SDS at 60 °C; b) NP2 prepared at 60 °C; c) NP3 prepared with SBS at 40 °C; d) NP5 prepared with TEMED at 40 °C (for comparison all conversion plots are shown on the same scale)

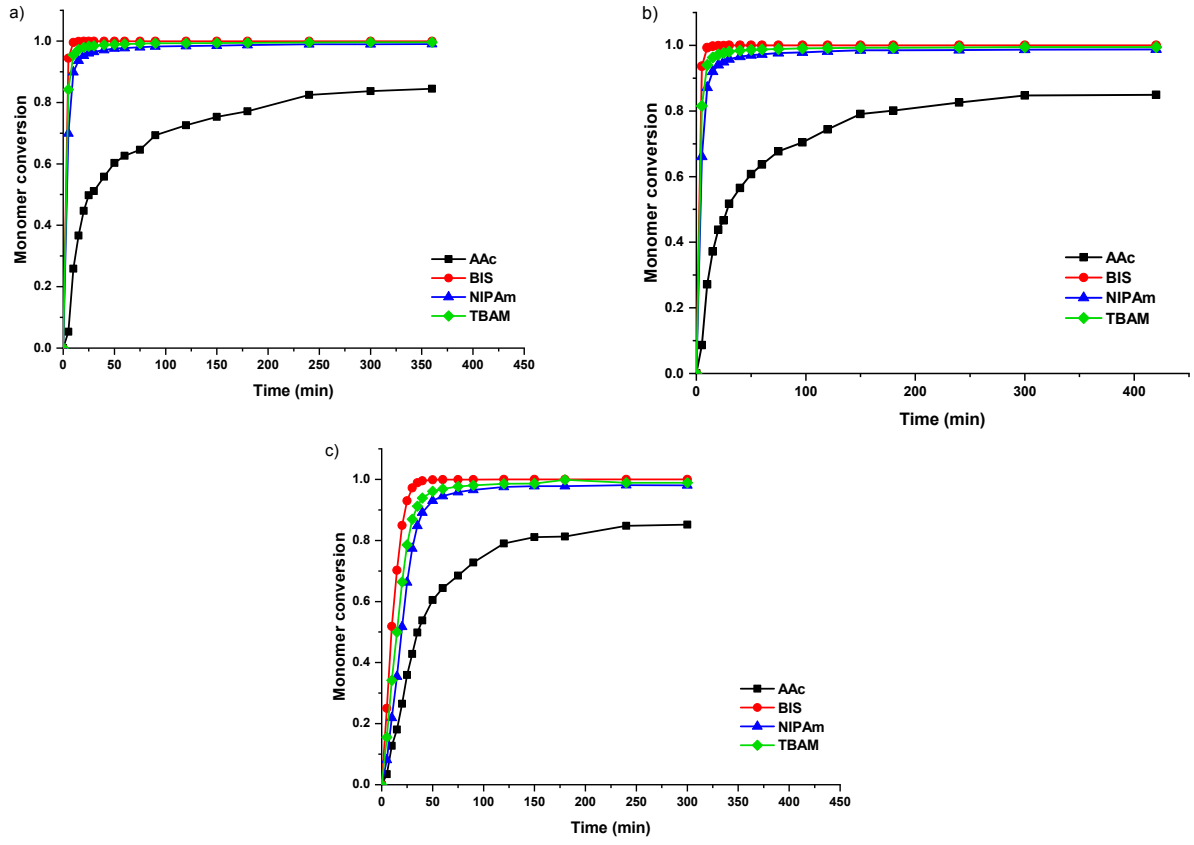

Fig. S3 Conversion of the individual monomers with time in a) NP7 containing 2.5 % AAc, prepared with TEMED at 40 °C; b) NP5 containing 5 % AAc, prepared with TEMED at 40 °C; c) NP8 containing 10 % AAc, prepared with TEMED at 40 °C

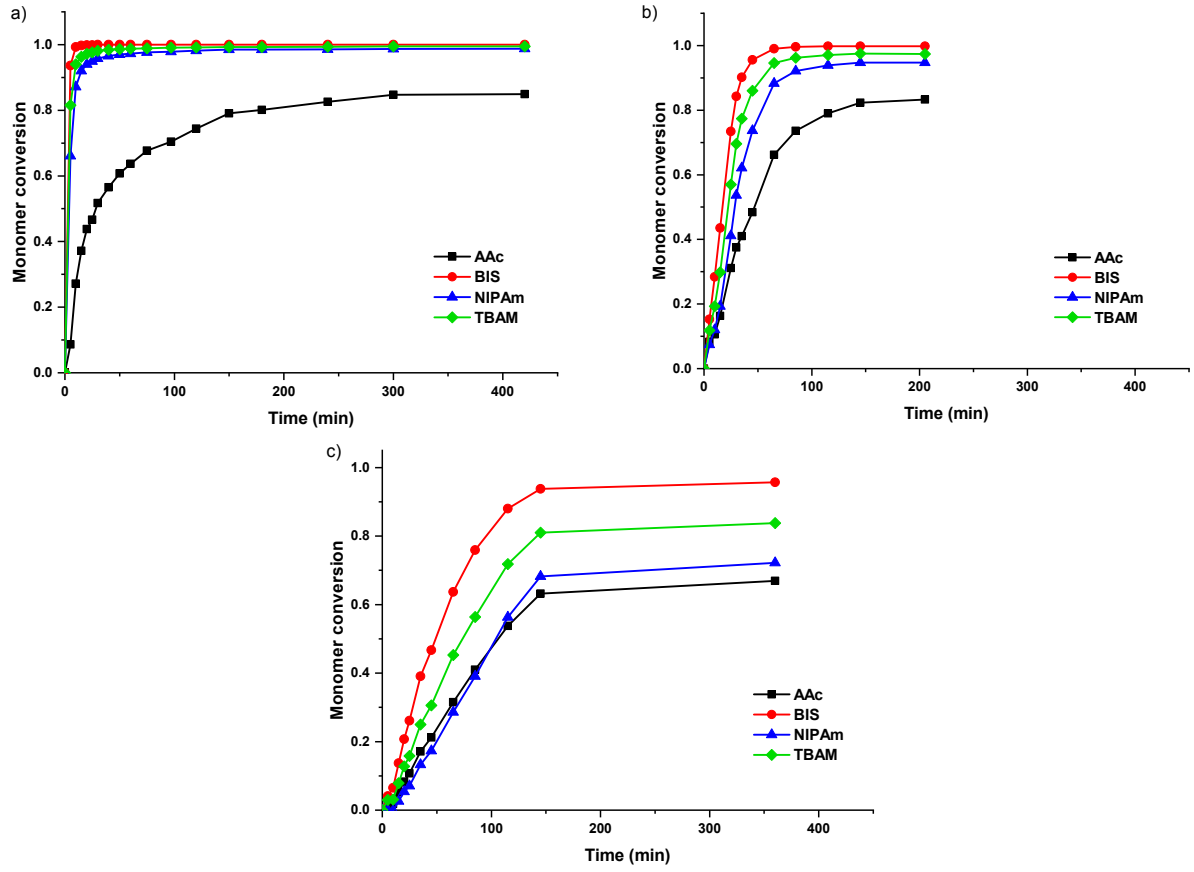

Fig. S4 Conversion of the individual monomers with time in a) NP5 with 1:1 APS/TEMED molar ratio; b) NP9 with 1:0.5 APS/TEMED molar ratio; c) NP10 with 1:0.25 APS/TEMED molar ratio