

Detemplation of Soft Mesoporous Silica Nanoparticles with Structural Preservation

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Supplementary Information

Table S-1. Physico-chemical properties of water and *n*-butanol. ^a

Solvent	B.P. (°C)	Surface tensión, γ (mN/m at 298 K)	Viscosity, μ (mPa·s)	Dielectric constant (-) ^b
Water	100.0	71.95	0.890	80.1
<i>n</i> -Butanol	118.2	24.93	2.540	17.8

a) Information adapted from: “The CRC Handbook of Chemistry and Physics”, 92nd edition. CRC Press, 2011; b) Given as relative permittivity at 293.2 K.

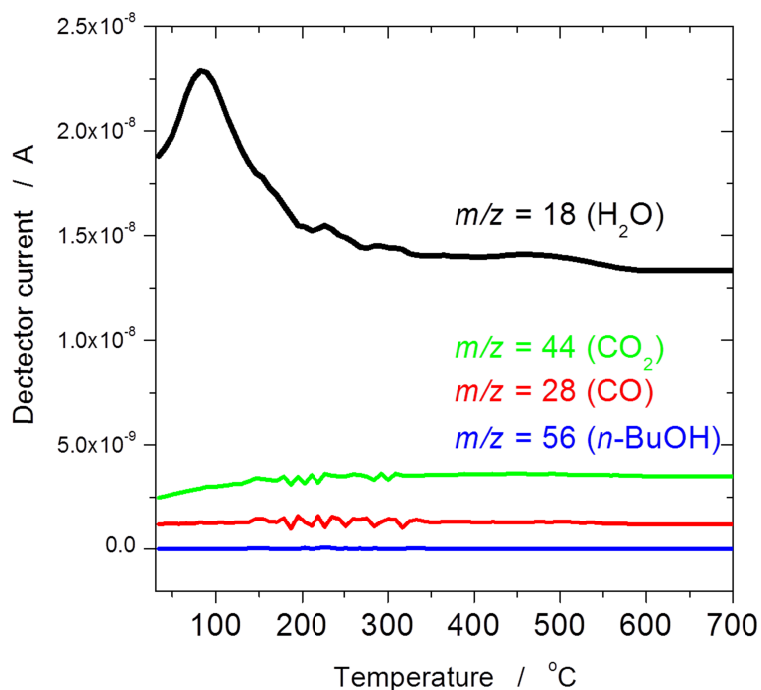


Figure S-1. EGA patterns of the Fenton detemplated sample dried in water; (sample **b** in Figure 1).

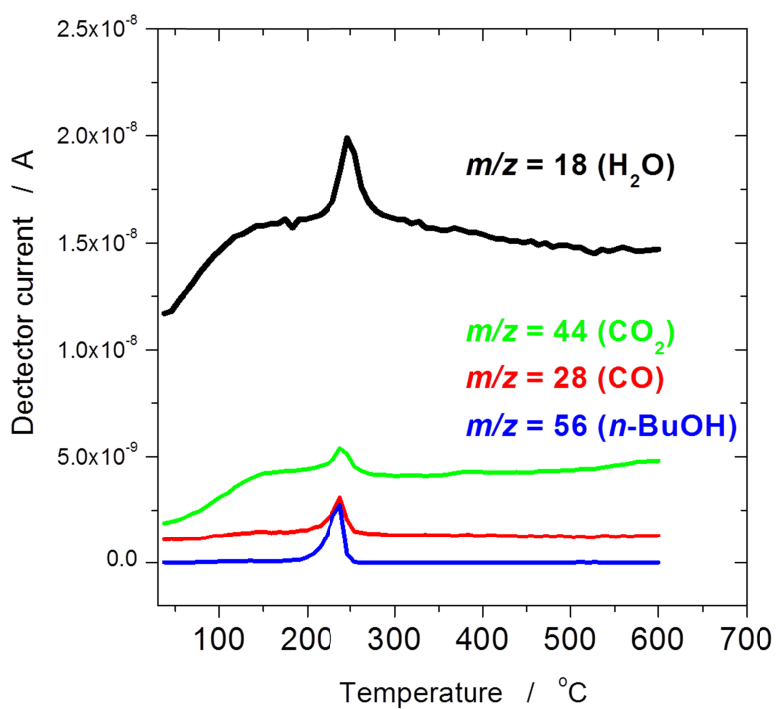


Figure S-2. EGA patterns of the Fenton detemplated sample exchanged and dried in *n*-BuOH; (sample **c** in Figure 1).

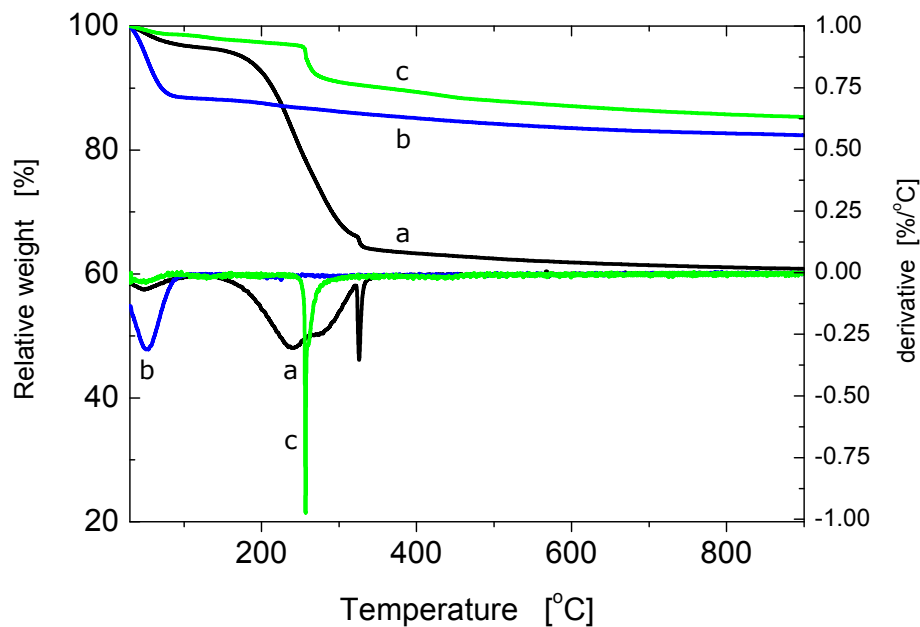


Figure S-3. Detemplation results of the hydrothermally aged material by thermogravimetric analyses: **a)** mesophase containing the template; **b)** Fenton detemplation (dried in the water-based reaction medium) and **c)** Fenton detemplation combined *n*-BuOH equilibration and drying.