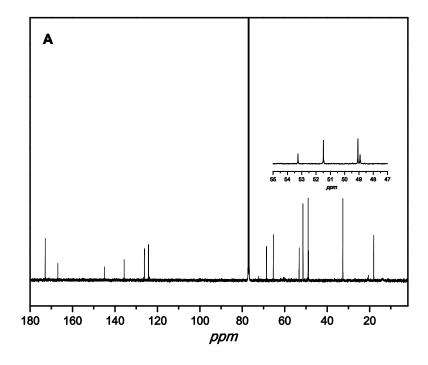
Electronic Supplementary Material (ESI) for Polymer Chemistry. This journal is © The Royal Society of Chemistry 2015

Electronic supplementary information (ESI)

Novel pH-tunable Thermoresponsive Polymers Displaying Lower and Upper Critical Solution Temperatures

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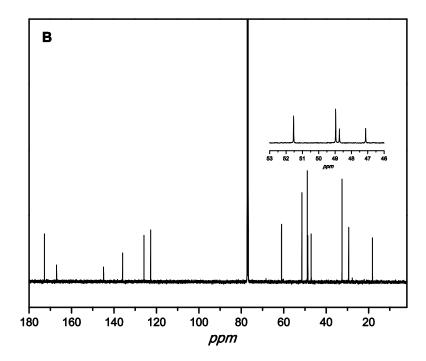
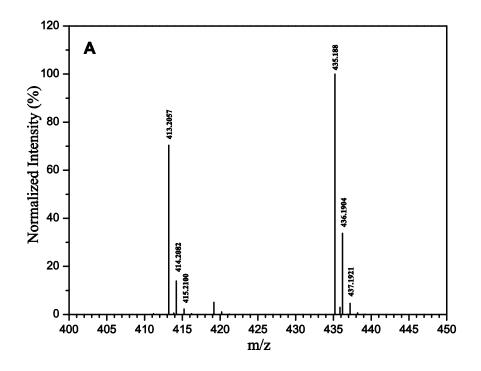
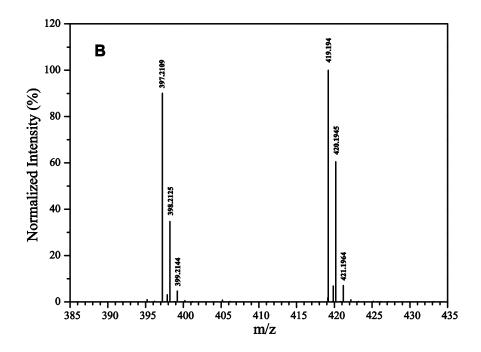


Figure 1S ¹³C NMR spectra of the monomers HPMAB (A) and PMAB (B).





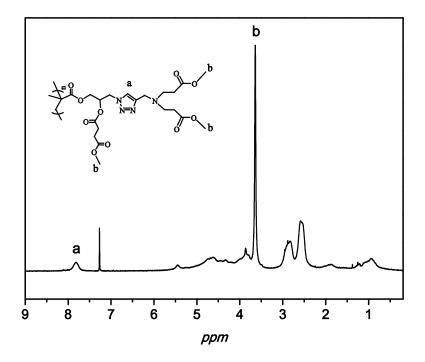


Figure 3S ¹H NMR spectrum of the methylate P(PMAB-COOH) in CDCl₃.

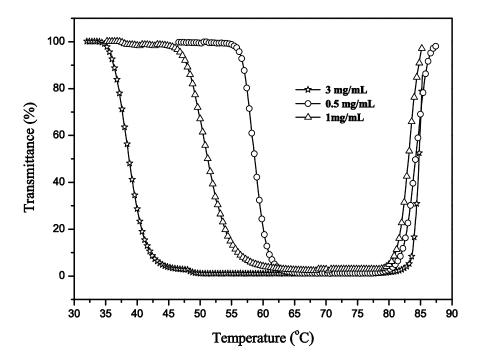


Figure 4S Temperature dependence of the transmittance of P(PMAB-COOH) at different concentrations in water.

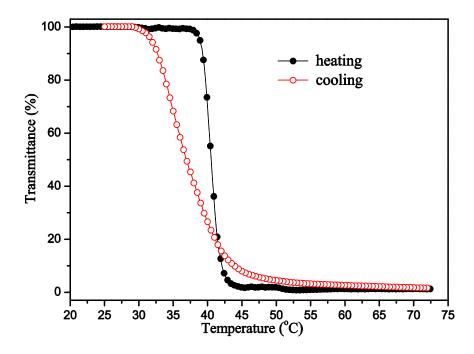


Figure 5S Temperature dependence of the transmittance of P(PMAB) with the concentration of 1.0 mg/mL at pH=4.7 in PBS