Supporting Information for Manuscript Titled
Coacervation and Aggregate Transitions of Cationic Ammonium Gemini Surfactant and Sodium Benzoate in Aqueous Solution

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Figure S1. (a) Turbidimetric curves of titrating C_{12}C_6C_{12}Br_2 solution into the NaBz solution of 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40 and 0.50 M at 25.0 °C; (b) Representative turbidity and differential turbidity curves of C_{12}C_6C_{12}Br_2 at 0.25 M NaBz; (c) Enlarged Turbidity curve for titrating C_{12}C_6C_{12}Br_2 into 0.25 M NaBz.
Figure S2. The additional Cryo-TEM and SEM images of the C_{12}C_{6}C_{12}Br_{2}/NaBz aggregates for C_{NaBz}= 0.25 M and C_{12-6-12} = 30.00 mM.
Figure S3. ITC curves of titrating 200.00 mM $C_{12}C_6C_{12}Br_2$ into 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40 and 0.50 M NaBz at 25.00 °C.

Figure S4. $^1$H NMR spectra of the pure $C_{12}C_6C_{12}Br_2$ with different concentrations.