Various gold nanoparticle arrays assembled on the reconstructed surface of block copolymer thin films

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**Fig. S1** SERS spectra of 4-aminothiophenol adsorbed on various gold nanoparticle arrays of different assembly time. It is measured with 633 nm excitation wavelength. The substrates were immersed into 0.8 mM ethanol solution of 4-aminothiophenol for 12 h before the measurement.