Nanoaggregation of Polyaromatic Compounds Probed by Electrospray Ionization Mass Spectrometry

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Figure S1. ESI mass spectra acquired for solutions (25 °C) of C5Pe (10 μM) with (a) 30% methanol, 70% toluene, (b) 40% methanol, 60% toluene, (c) 50% methanol, 50% toluene, (d) 60% methanol, 40% toluene, (e) 70% methanol, 30% toluene, (f) 80% methanol, 20%toluene, and (g) 93% methanol, 7%toluene.



Figure S2. ESI mass spectra acquired for solutions (25 °C) of C5Pe (10 μ M) with (a) 4 mM NH₄Ac, (b) 16 mM NH₄Ac, and (c) 28 mM NH₄Ac. Each solution contains 50% methanol and 50% toluene.



Figure S3. ESI mass spectrum acquired for solutions (25 °C) of C5Pe (30 μ M) with 4mM NH₄Ac, 50% methanol and 50% xylene.



Figure S4. ESI mass spectra acquired for solutions (25 °C) of C5Pe (10 μ M) with (a) 50% methanol, 45% toluene, 5% heptane (b) 50% methanol, 40% toluene, 10% heptane, and (c) 50% methanol, 20% toluene, 30% heptane. All solutions contain 4mM NH₄Ac.



Figure S5. ESI mass spectra acquired for solutions (25 °C) of C5Pe (10 μ M) with (a) 32 μ M SA, (b) 30 μ M 1m1CHCA, (c) 35 μ M CHBA, (d) 30 μ M 1NPA, and (e) 33 μ M 5 β CA. Each solution contains 4mM NH₄Ac, 50% methanol and 50% toluene.



Figure S6. ESI mass spectra acquired for solutions (25 °C) of (a) PAP (10 μ M) and (b) C5Pe (10 μ M) and PAP (10 μ M). Each solution contains 4mM NH₄Ac, 50% methanol and 50% toluene.