**Supplementary Figure 1.** Titration of polynucleotide sequence mixture with increasing concentrations of netropsin. The peak assignments and solution conditions are identical to those shown in Figure 2. Each polynucleotide is present at a concentration of 20  $\mu$ M bp, yielding a total polynucleotide concentration of 100  $\mu$ M bp. Netropsin concentrations ( $\mu$ M) are: (A) 1; (B), 2.5; (C), 3.5.

