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Supplemental Material to:

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Supplementary Information:

Di-Heterometalation of Thiol-Functionalized Peptide Nucleic Acids

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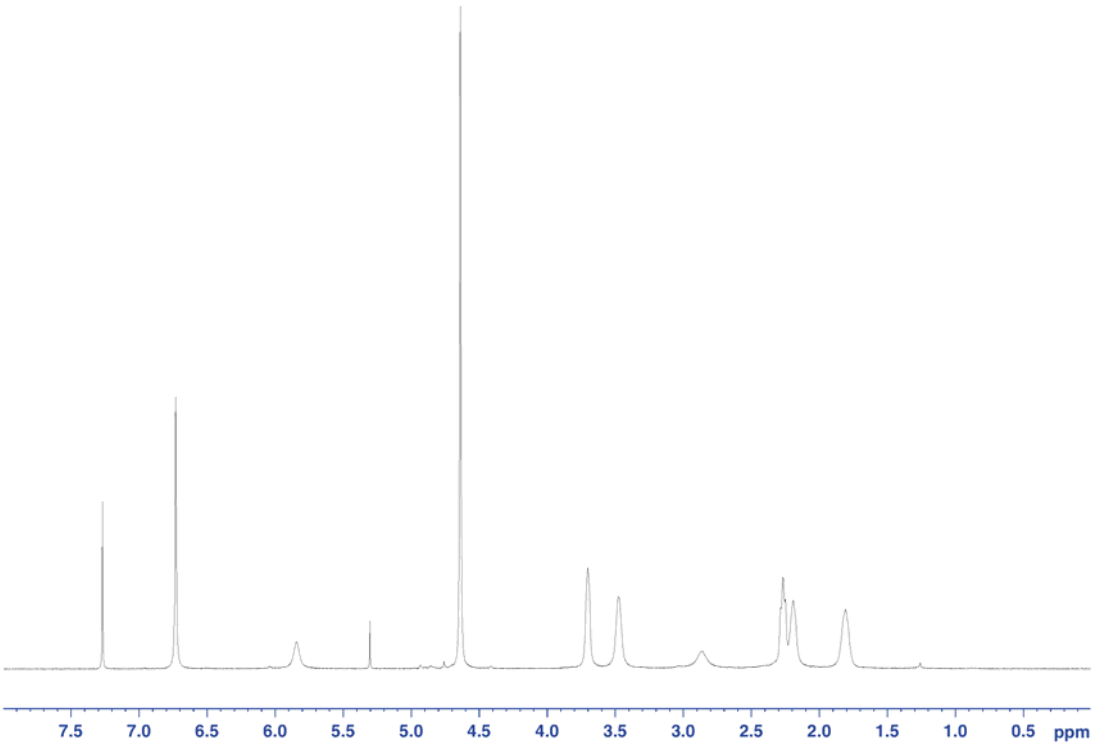


Figure S1. ^{1}H NMR spectrum of **C2** in $CDCl_3$.

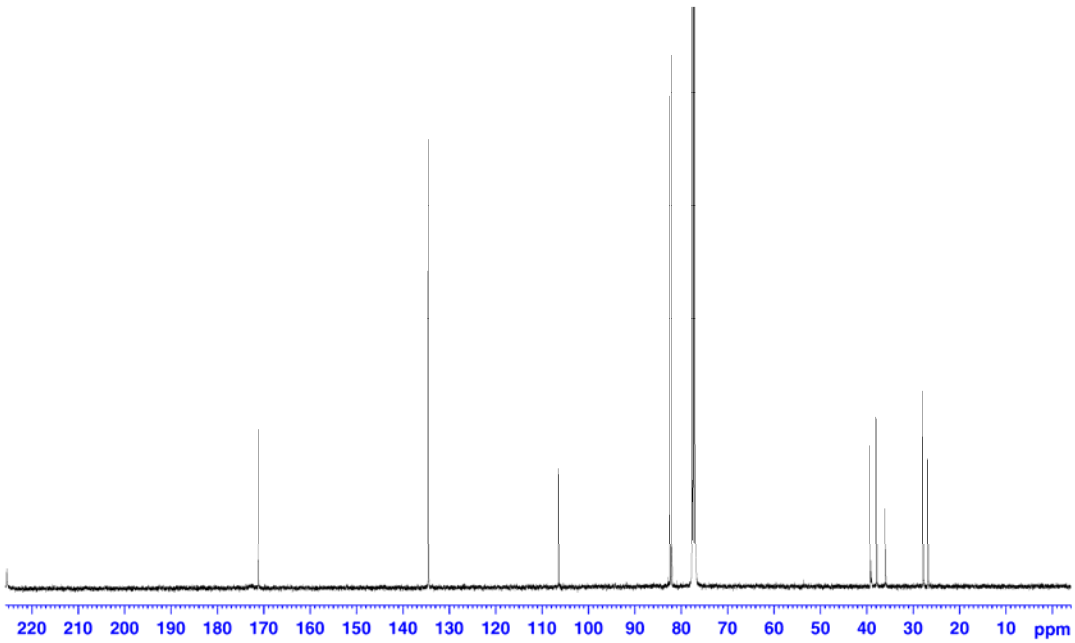


Figure S2. ^{13}C NMR spectrum of **C2** in $CDCl_3$.

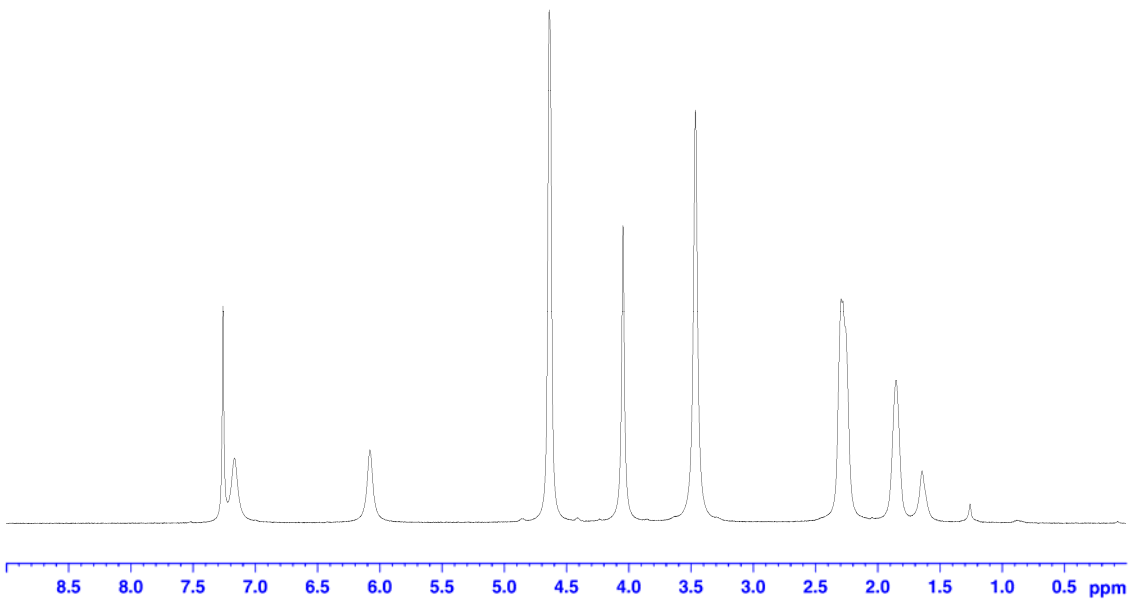


Figure S3. ^{1}H NMR spectrum of **C3** in $CDCl_3$.

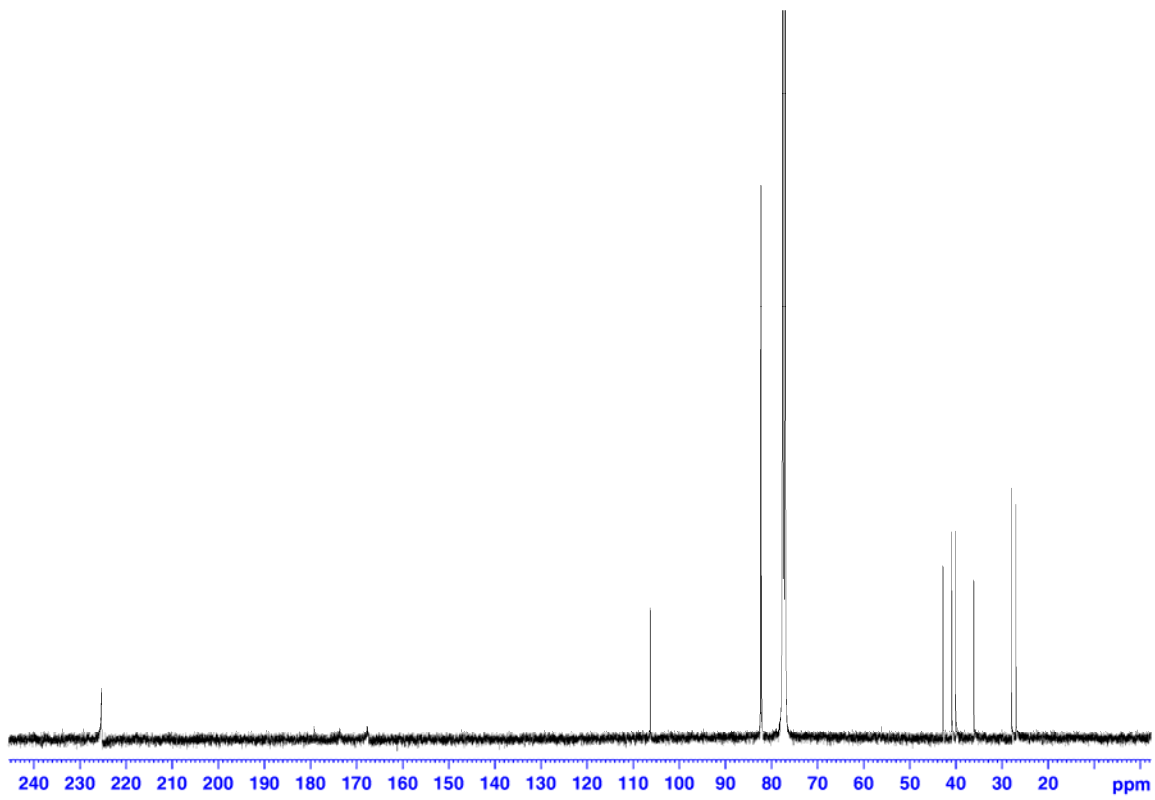


Figure S4. ^{13}C NMR spectrum of **C3** in $CDCl_3$.

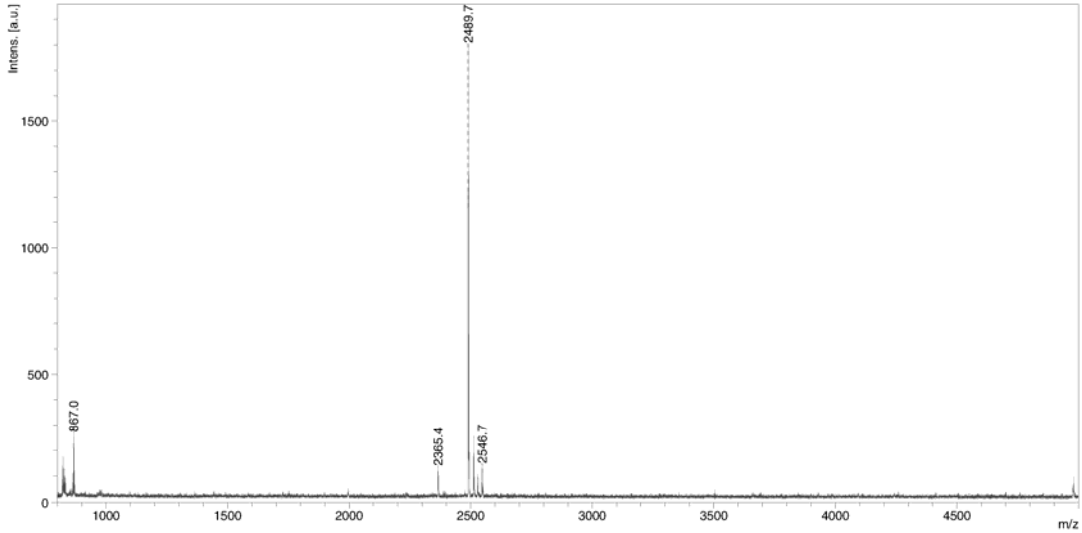


Figure S5. MALDI-TOF spectrum of **PNA1.**

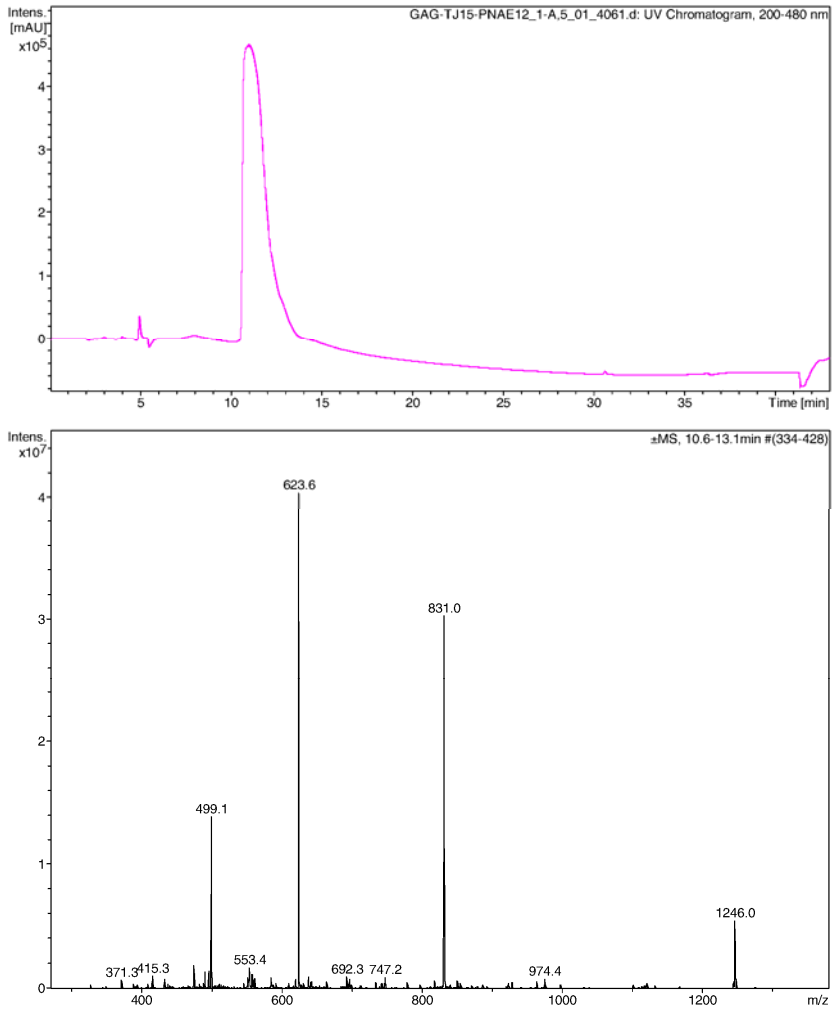


Figure S6. LC-MS spectrum of **PNA1.**

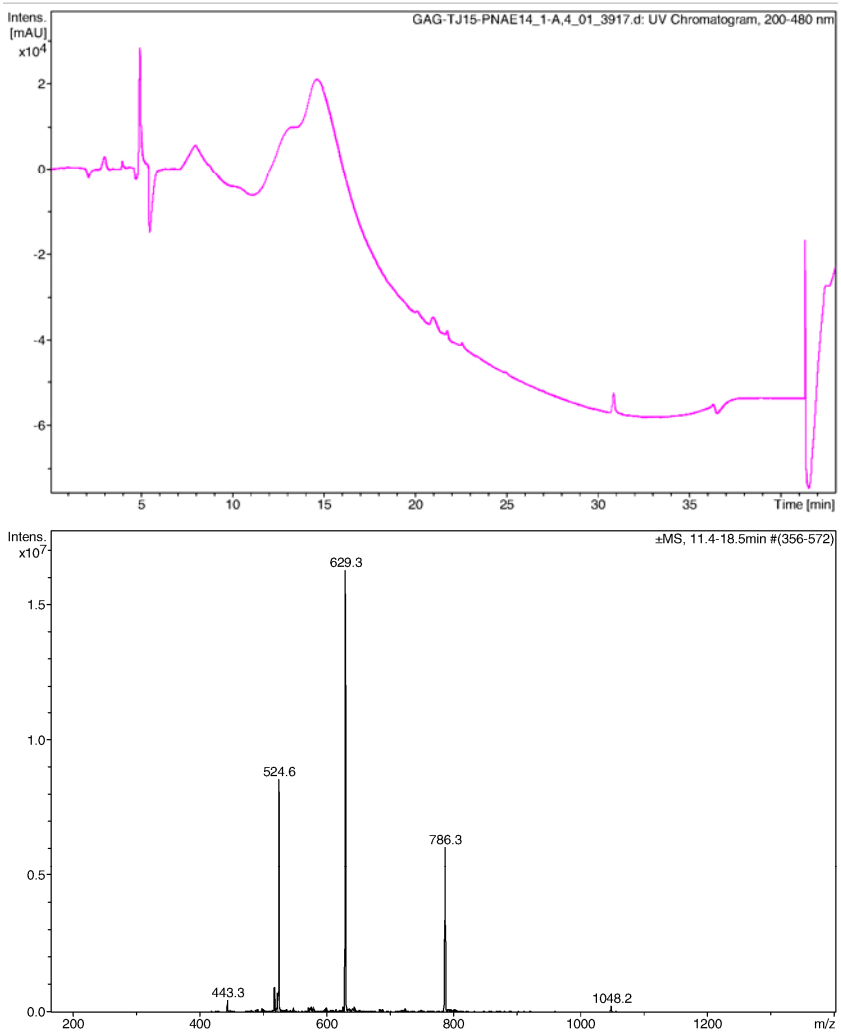


Figure S7. LC-MS spectrum of **PNA2.**

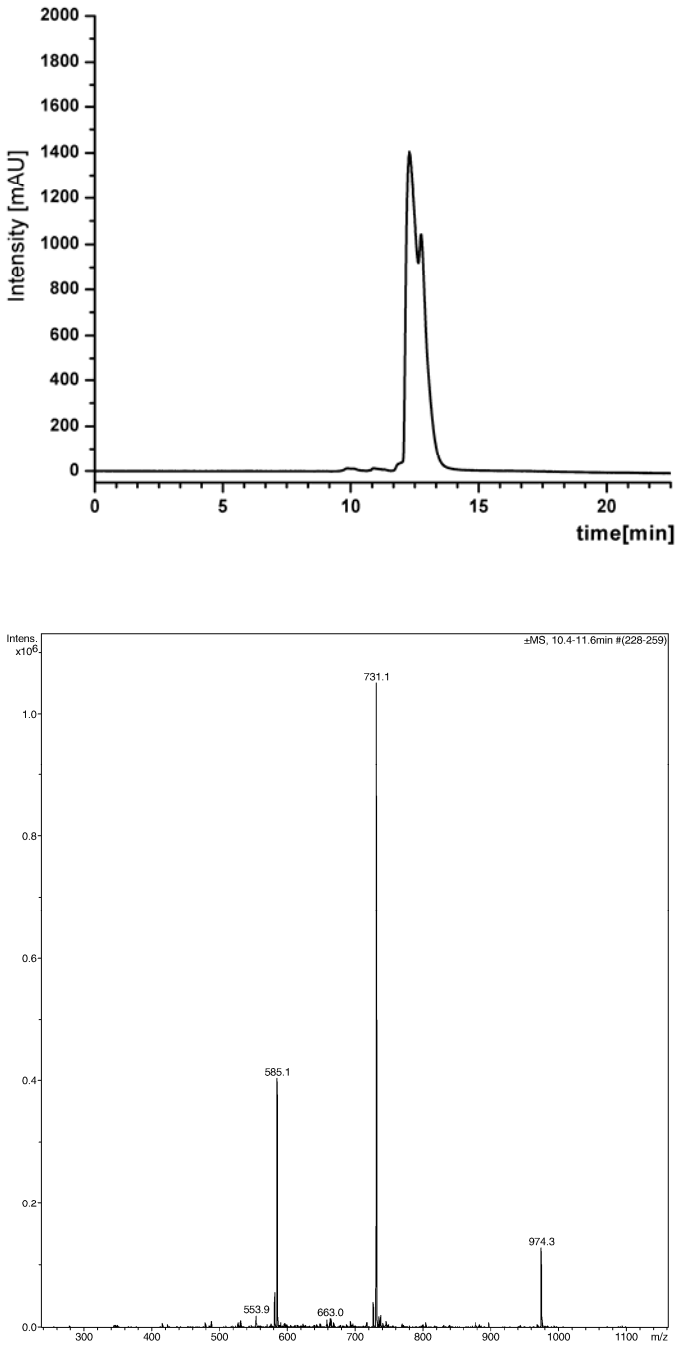


Figure S8. LC-MS spectrum of **PNA3.** Note that the two major peaks in the MS spectrum have a similar MS pattern.

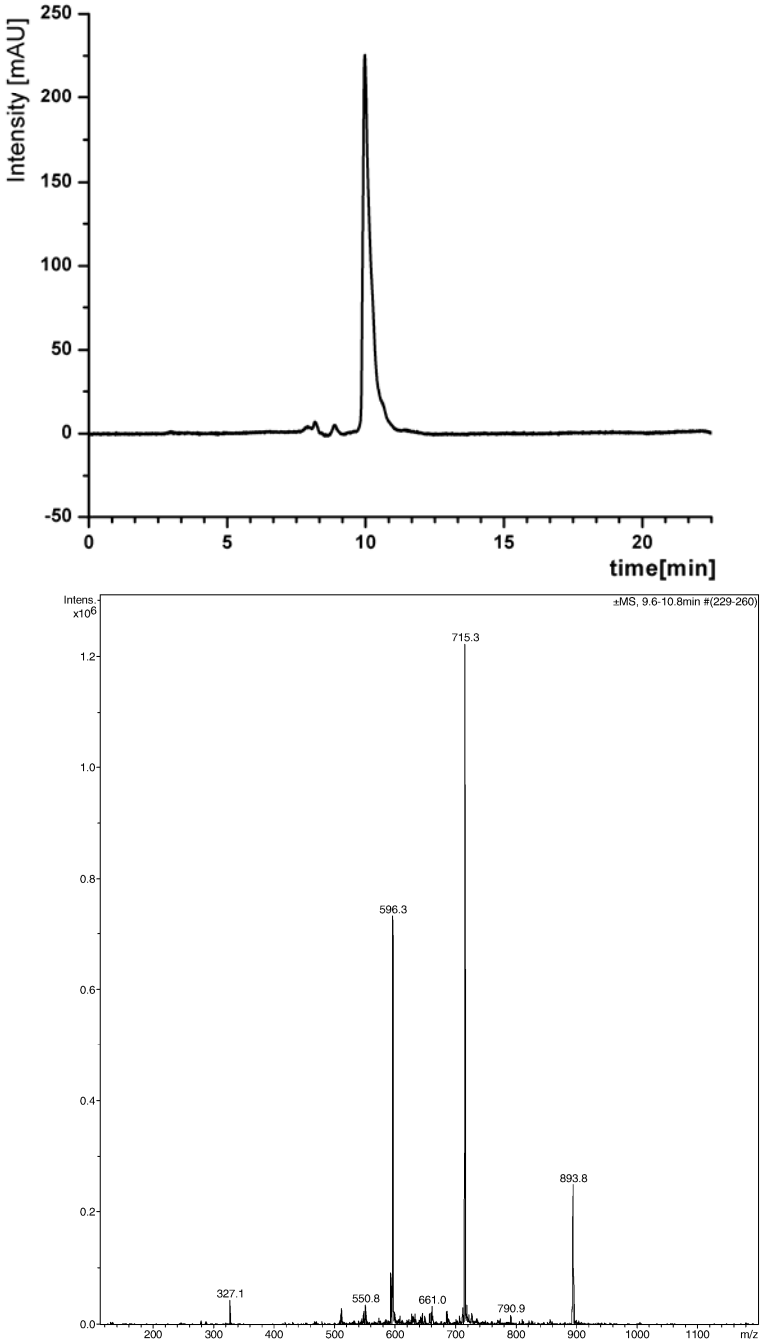
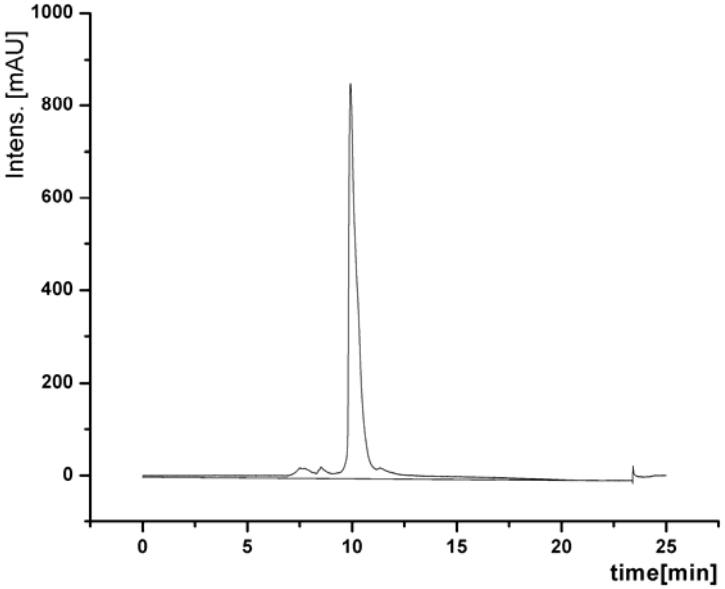


Figure S9. LC-MS spectrum of **PNA4.**



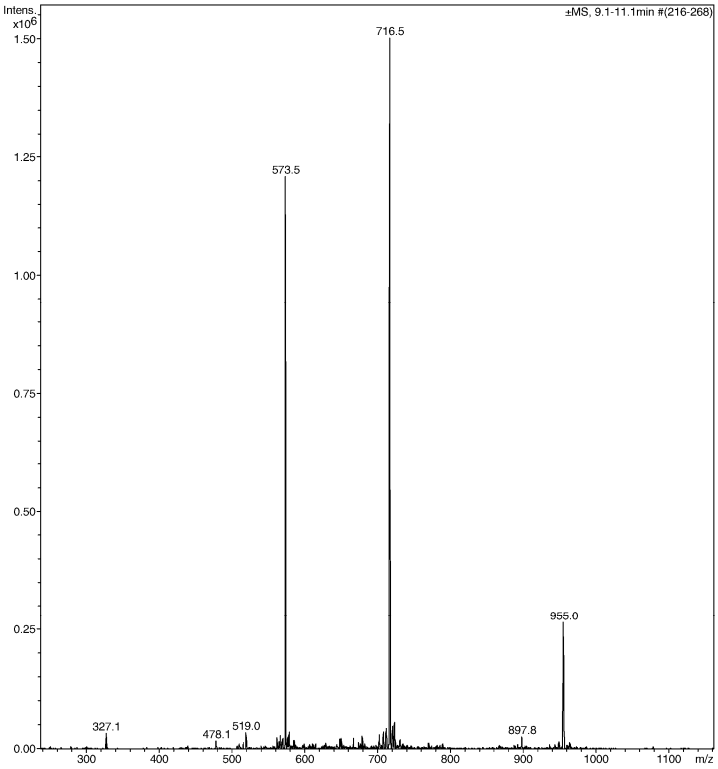


Figure S10. LC-MS spectrum of **PNA5.**

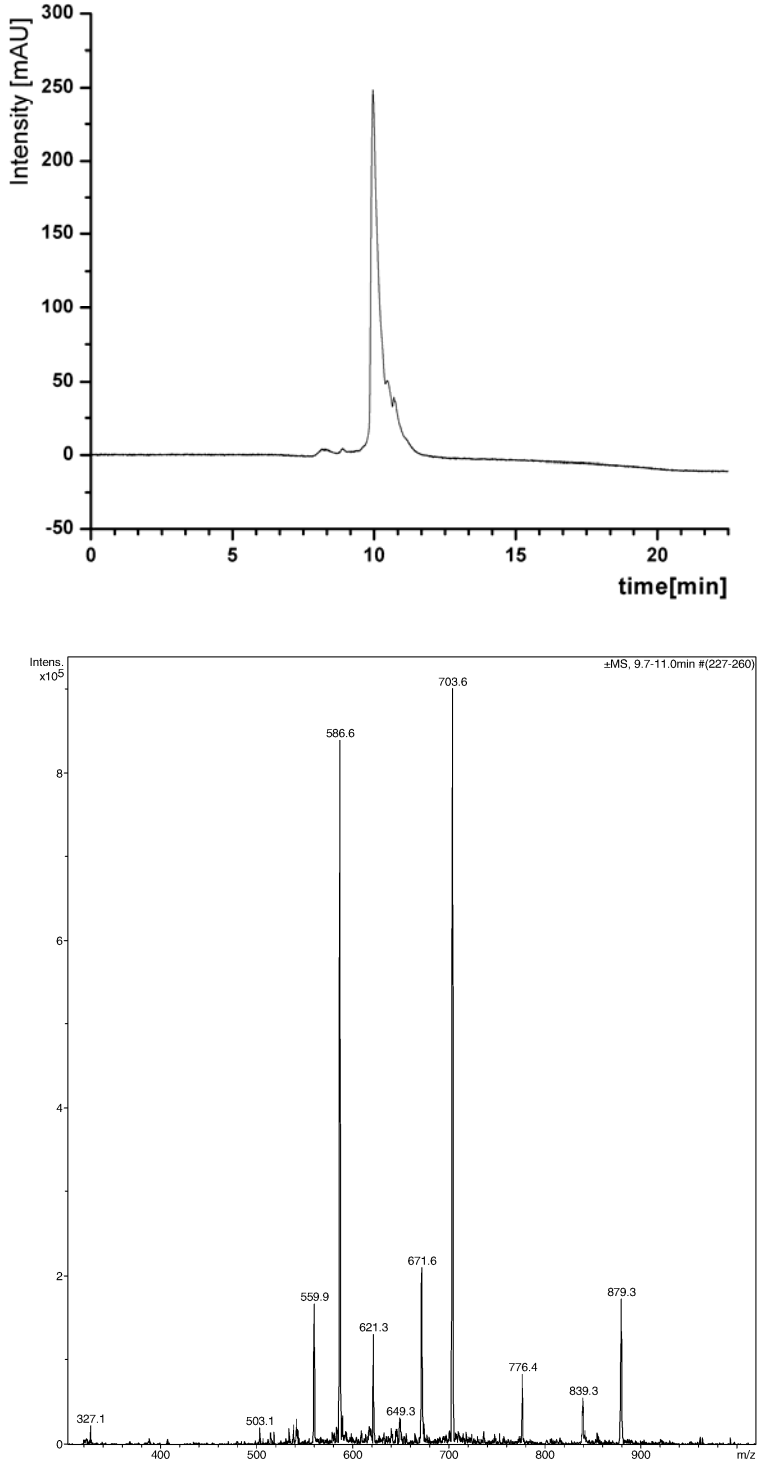


Figure S11. LC-MS spectrum of **PNA6 (NLS-PNA-lys).**

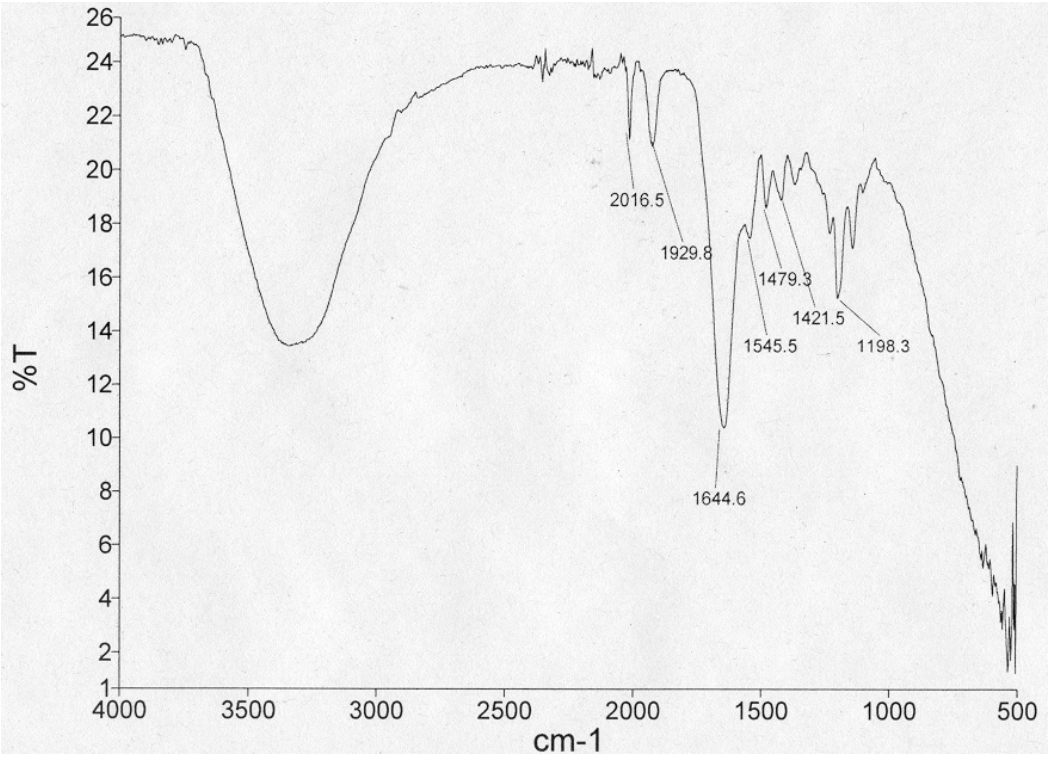


Figure S12. IR spectrum of **PNA3.**

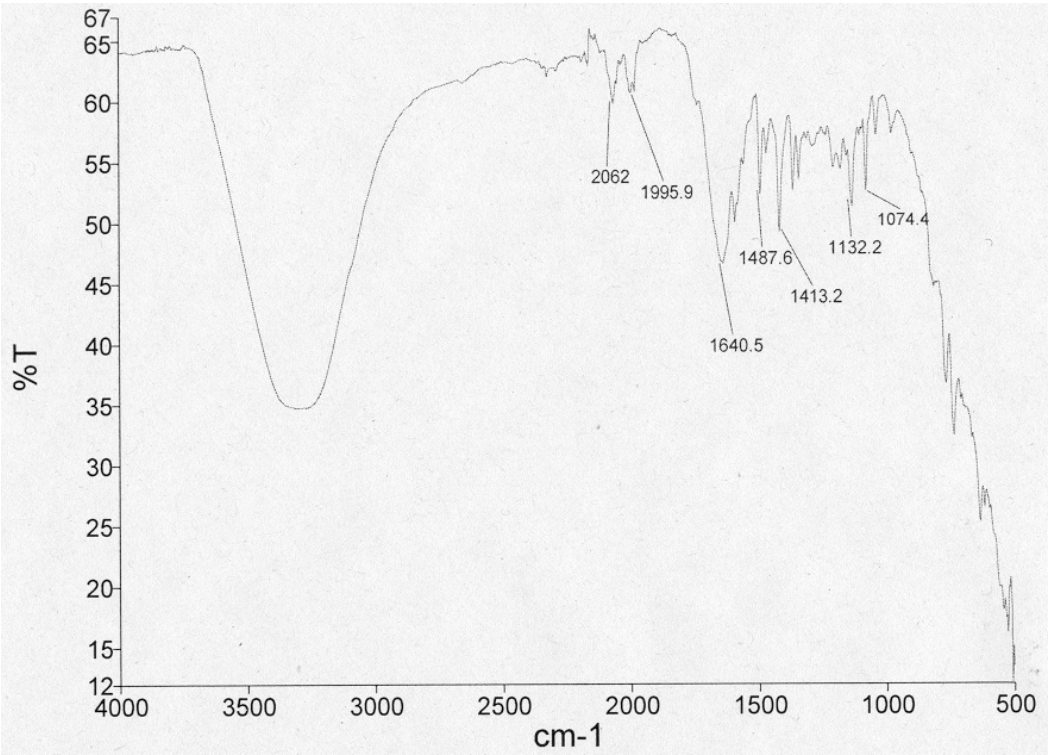


Figure S13. IR spectrum of **PNA5.**