

Supporting Information

Labeling of DNA *via* rearrangement of *S*-2-aminoethyl phosphorothioates to *N*-(2-mercaptoethyl)phosphoramidates

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Additional HPLC Spectra

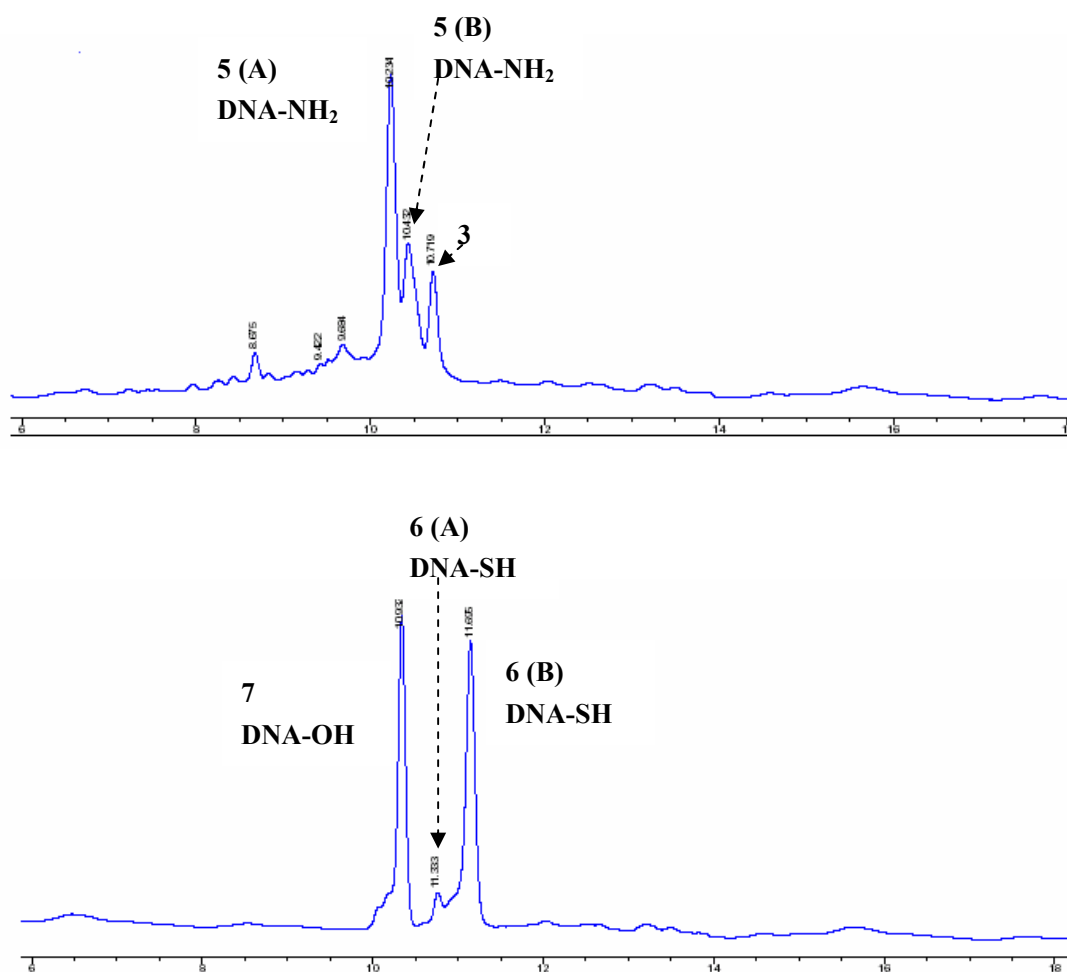
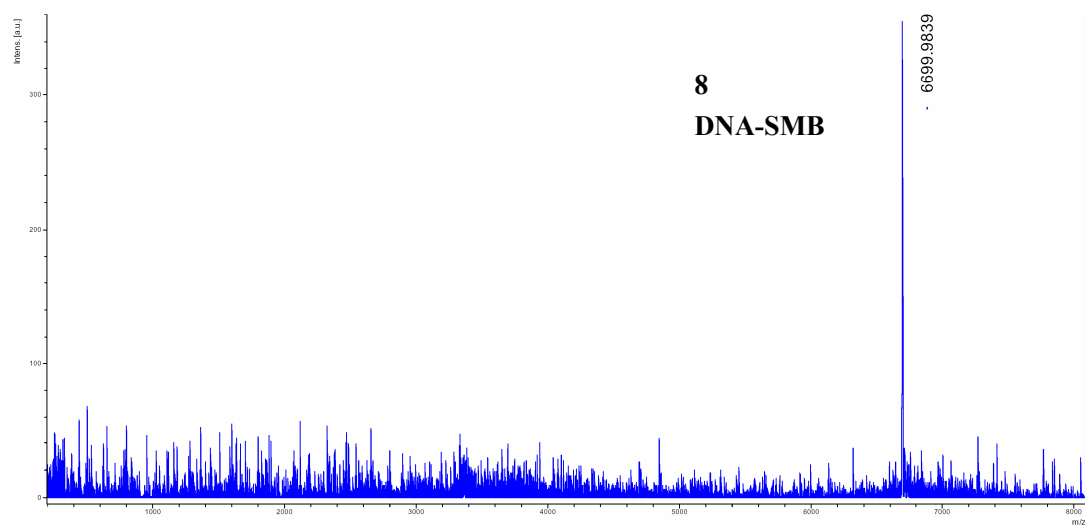
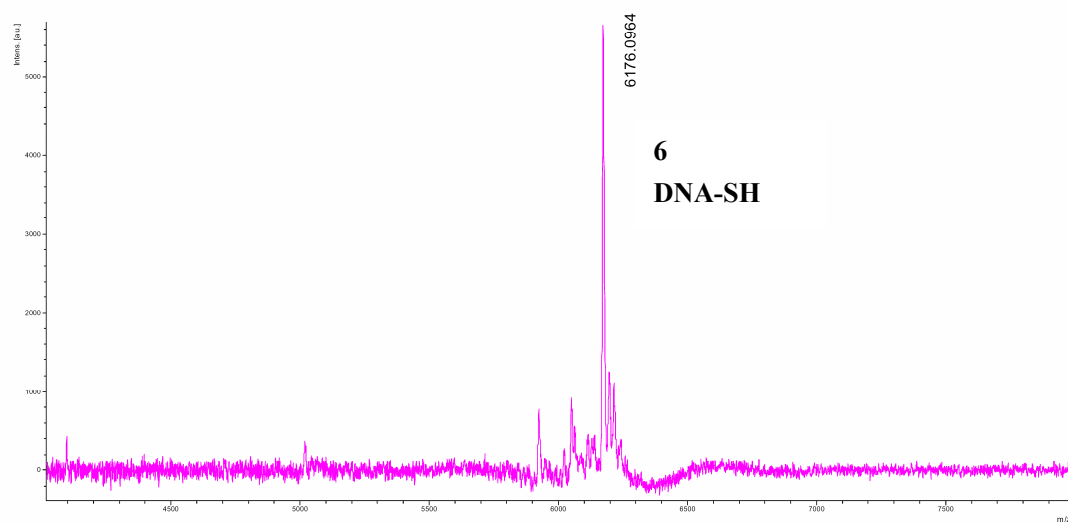
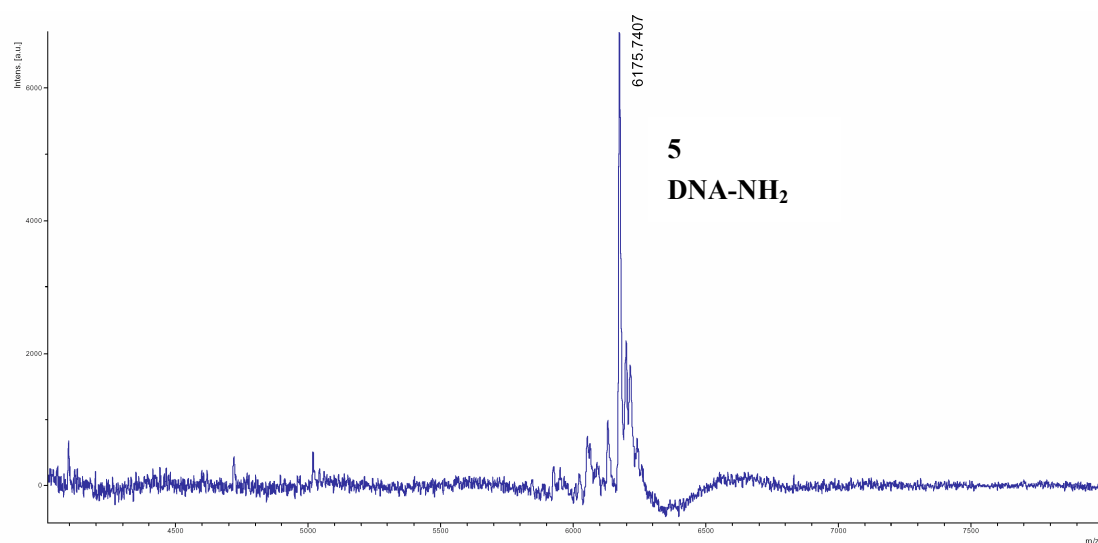


Figure S1. (A) HPLC Spectrum of DNA-NH₂ (5), (B) of DNA-SH (6) prepared

according to method A.

MALDI TOF MS Spectra



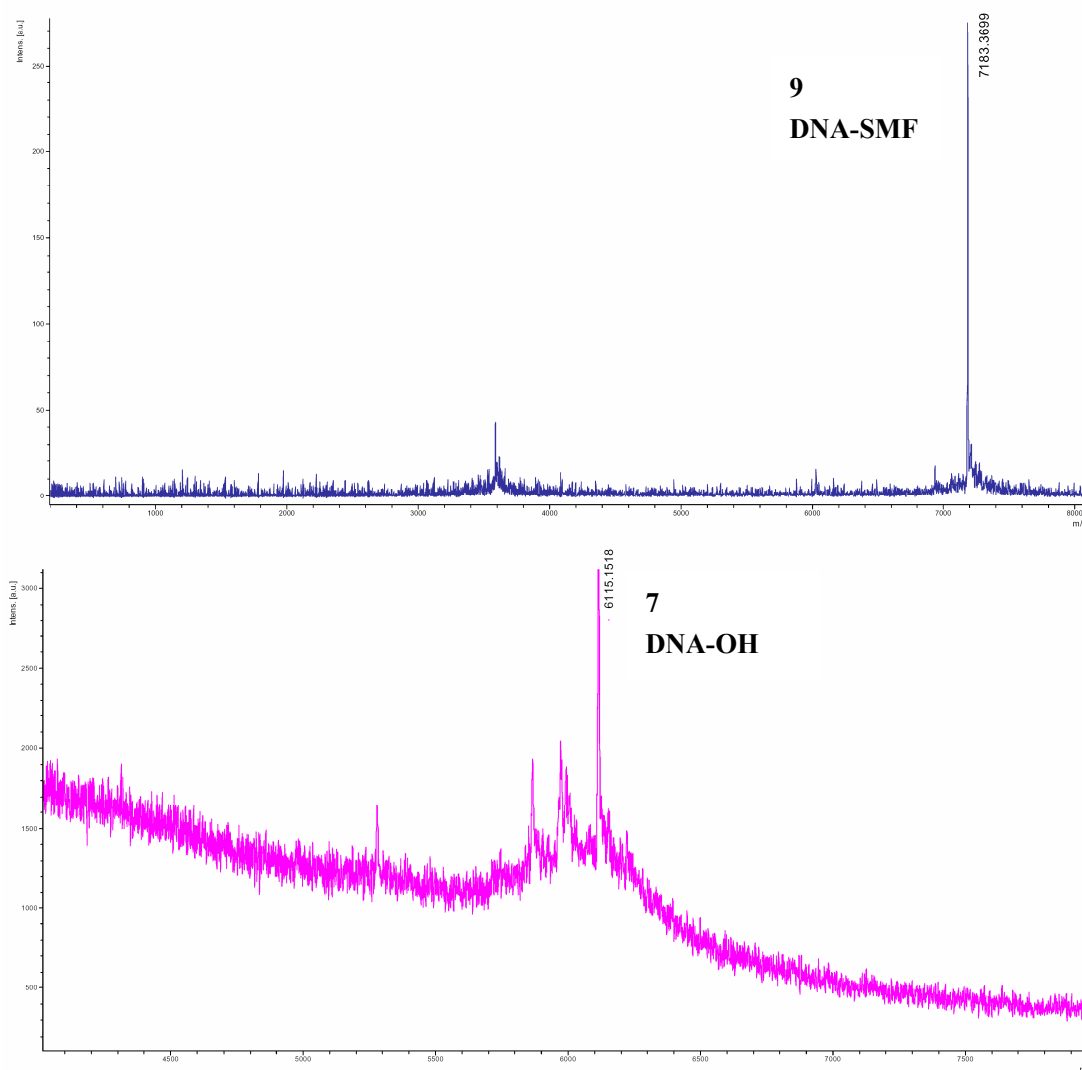


Figure S2. MALDI-TOF spectra of compounds **5-9**. (Matrix: 3-hydroxypicolinic acid)