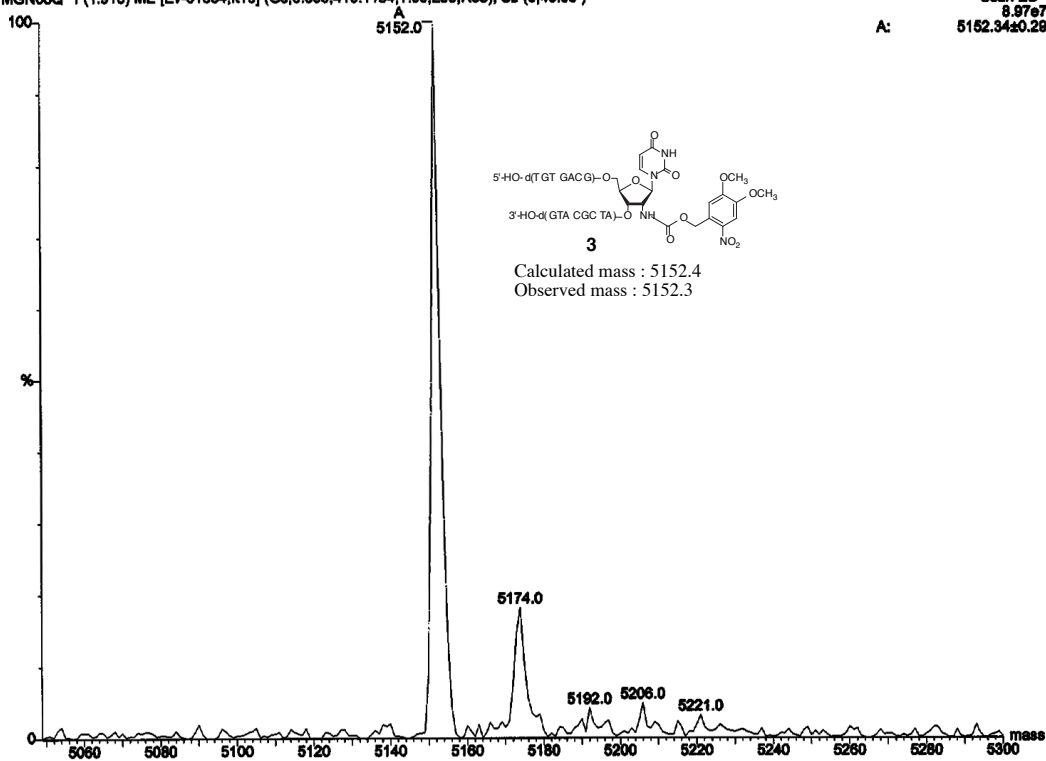


Supporting Information: Synthesis of Modified Oligodeoxyribonucleotides on a Solid-Phase Support Via Derivatization of a Selectively Revealed 2'-Amino-2'-deoxyuridine.

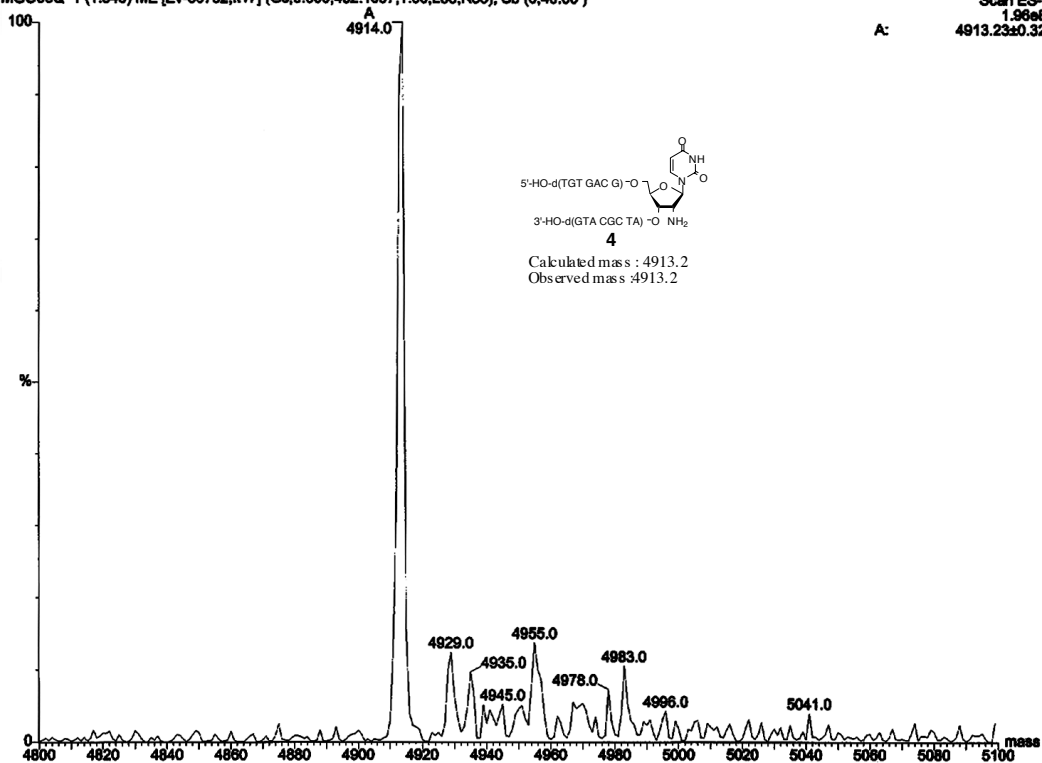
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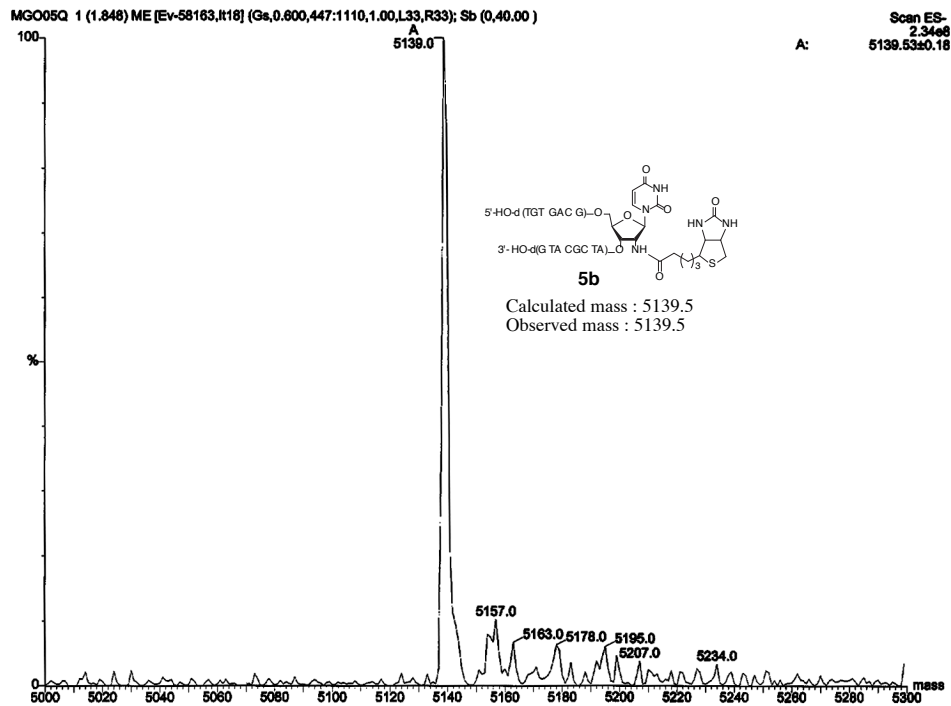
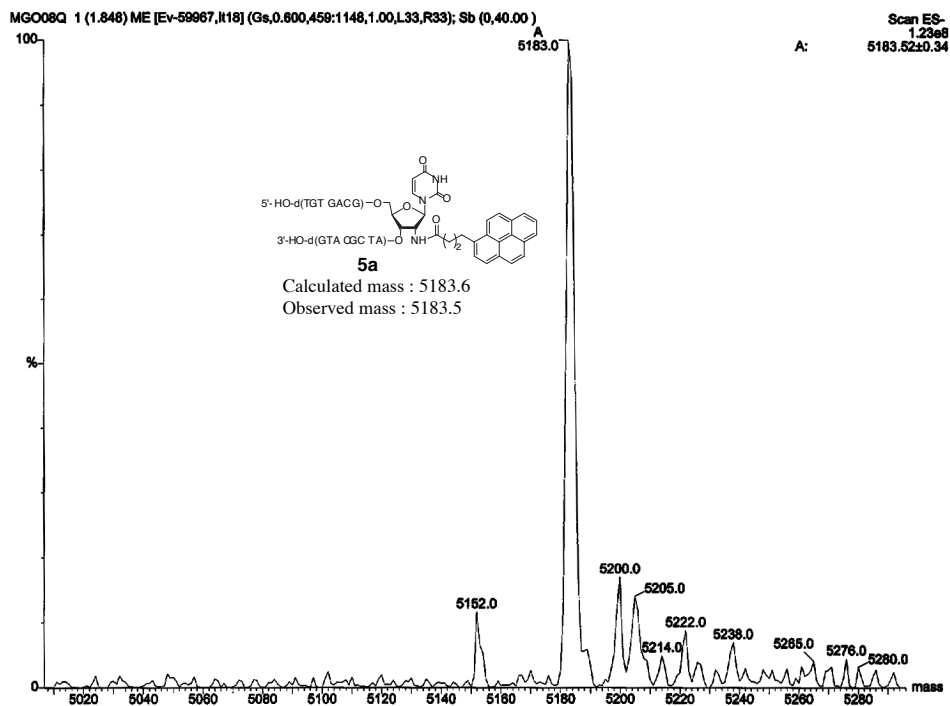
Contents: ESI-MS of **5a-5d**, **6a**, **6b** and reverse phase analysis of enzymatic digest of **5a**.

Scan ES-
8.97e7
A: 5152.34±0.29

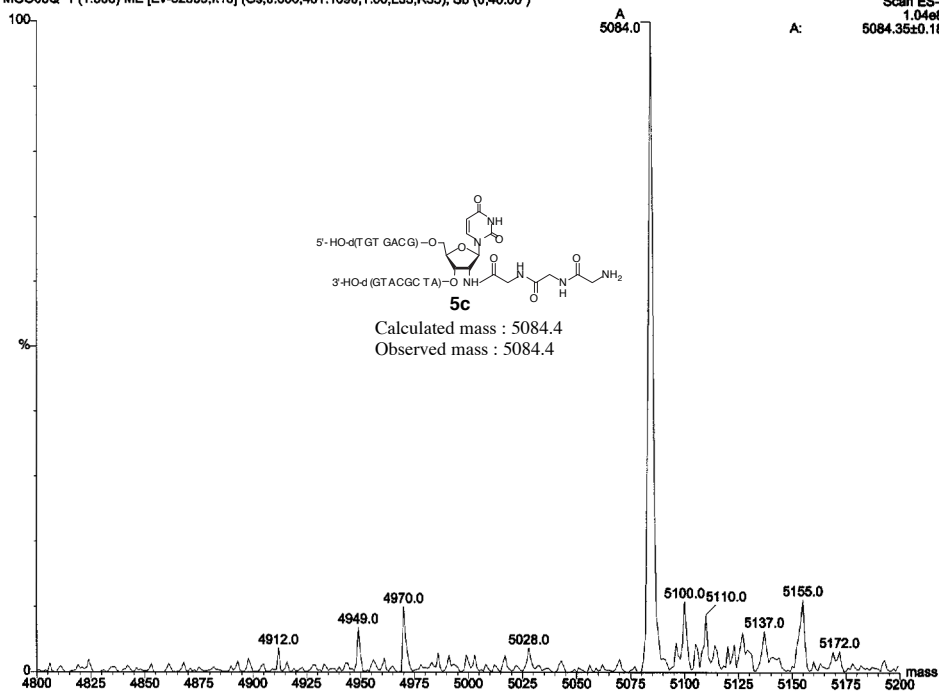


Scan ES-
1.96e8
A: 4913.23±0.32

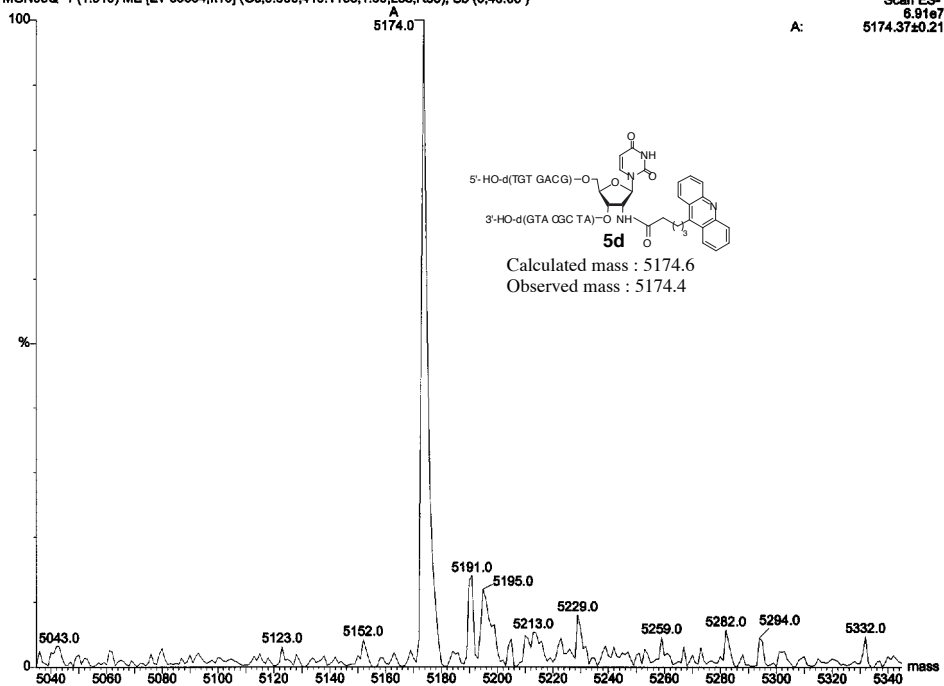




MGO03Q 1 (1.568) ME [Ev-52359,It16] (Gs,0.600,481:1090,1.00,L33,R33); Sb (0,40.00)

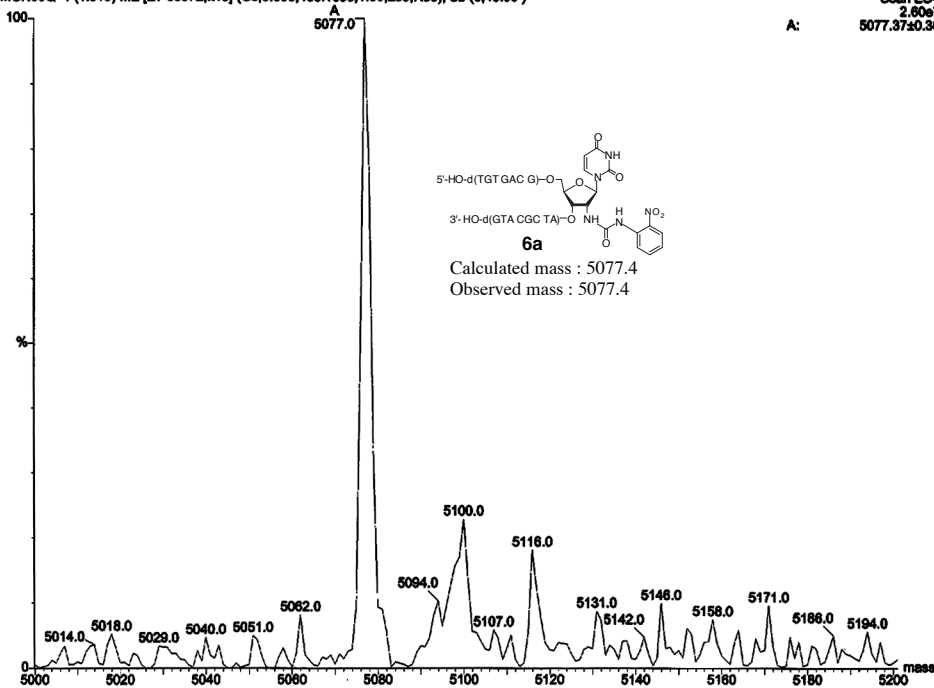


MGN09Q 1 (1.910) ME [Ev-59564,It16] (Gs,0.600,410:1105,1.00,L33,R33); Sb (0,40.00)



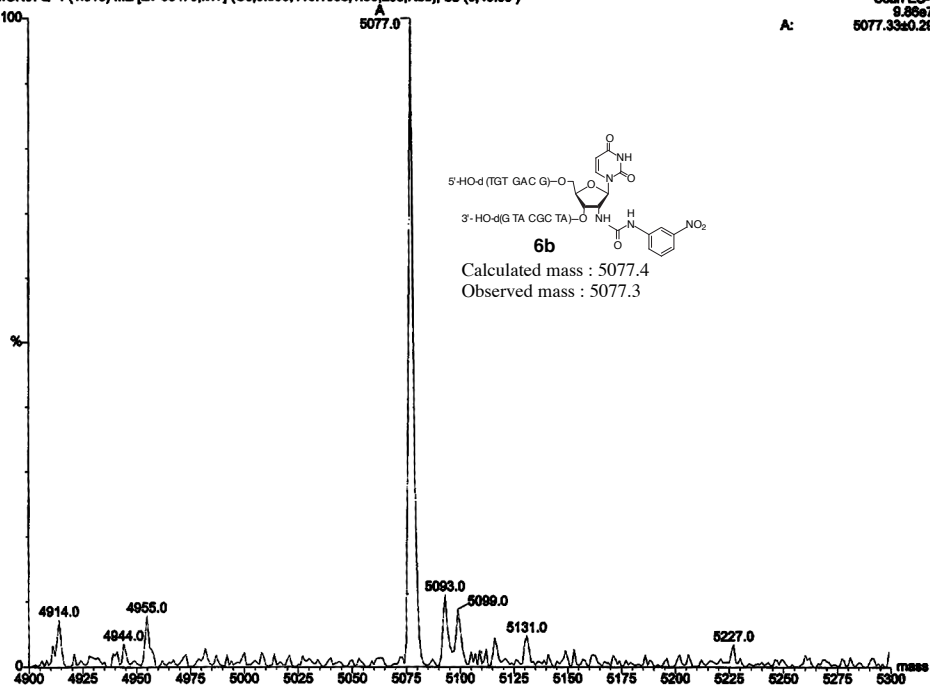
MGN06Q 1 (1.910) ME [Ev-55072,lt13] (Gs,0.600,450:1099,1.00,L33,R33); Sb (0,40.00)

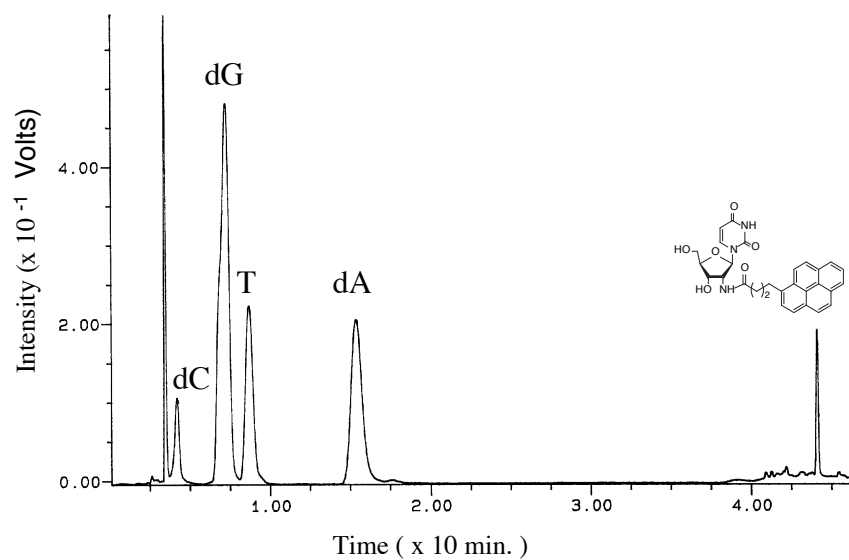
Scan ES-
2.60e7
A: 5077.37±0.30



MGN07Q 1 (1.910) ME [Ev-58479,lt17] (Gs,0.600,410:1093,1.00,L33,R33); Sb (0,40.00)

Scan ES-
8.89e7
A: 5077.33±0.26





Reverse phase HPLC chromatography of **5a** following enzymatic digestion