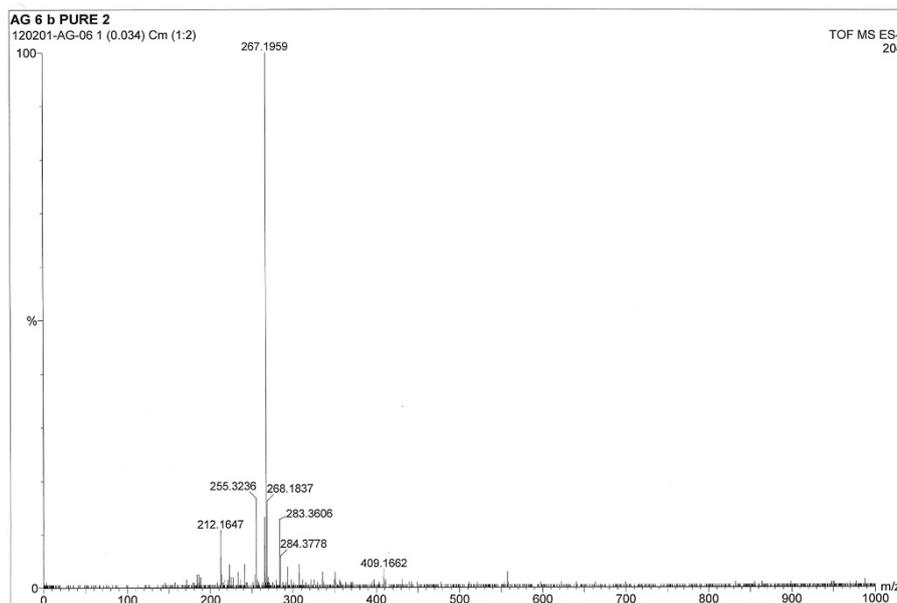
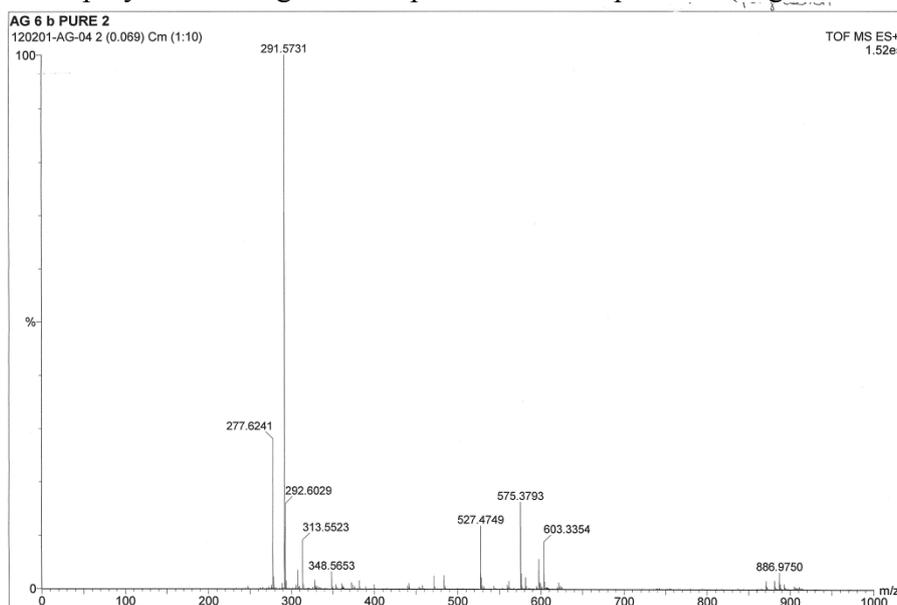


# Supplementary File

Figure S1. ESI-MS (-) and ESI-MS (+) spectra, as well as  $^1\text{H}$  and  $^{13}\text{C}$ -NMR spectra of compound **4**.

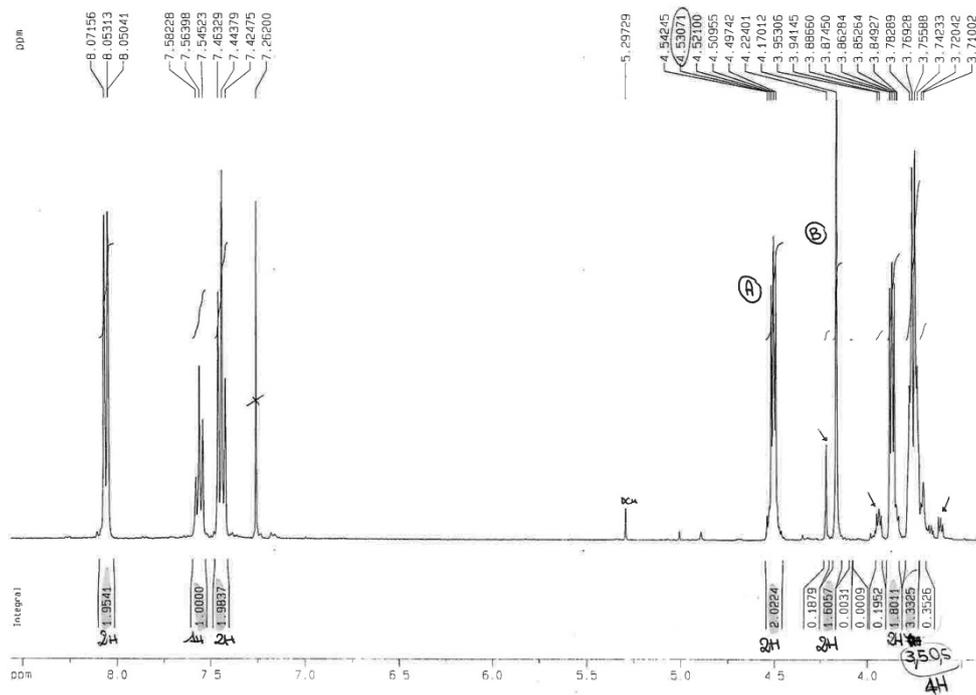


Electrospray time of flight mass spectrum of compound **4** (negative mode)



Electrospray time of flight mass spectrum of compound **4** (positive mode)

Figure S1. Cont.

<sup>1</sup>H-NMR spectrum of compound 4

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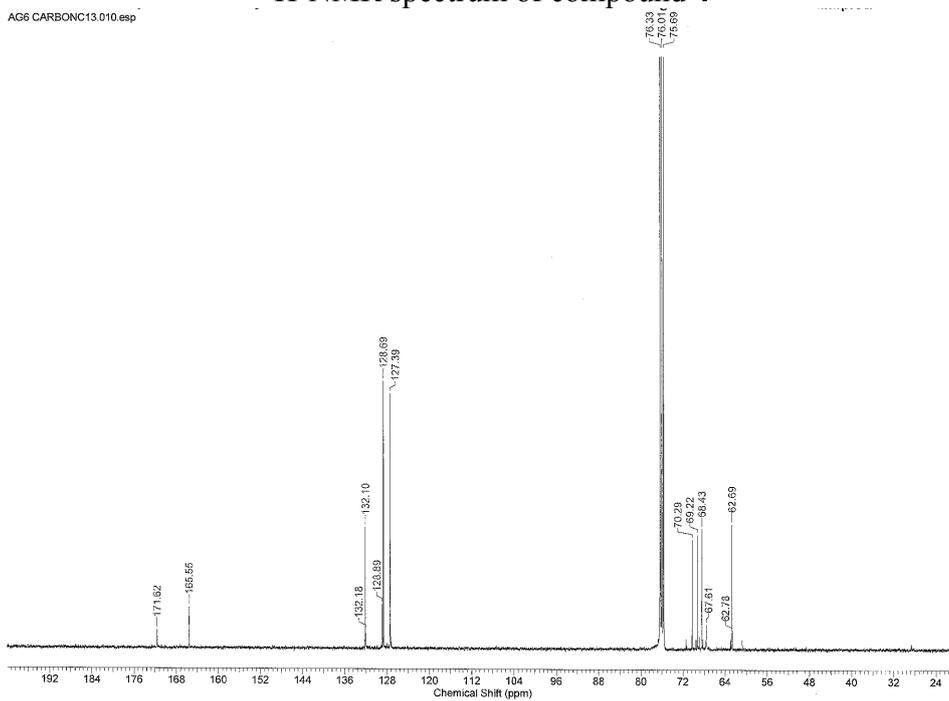
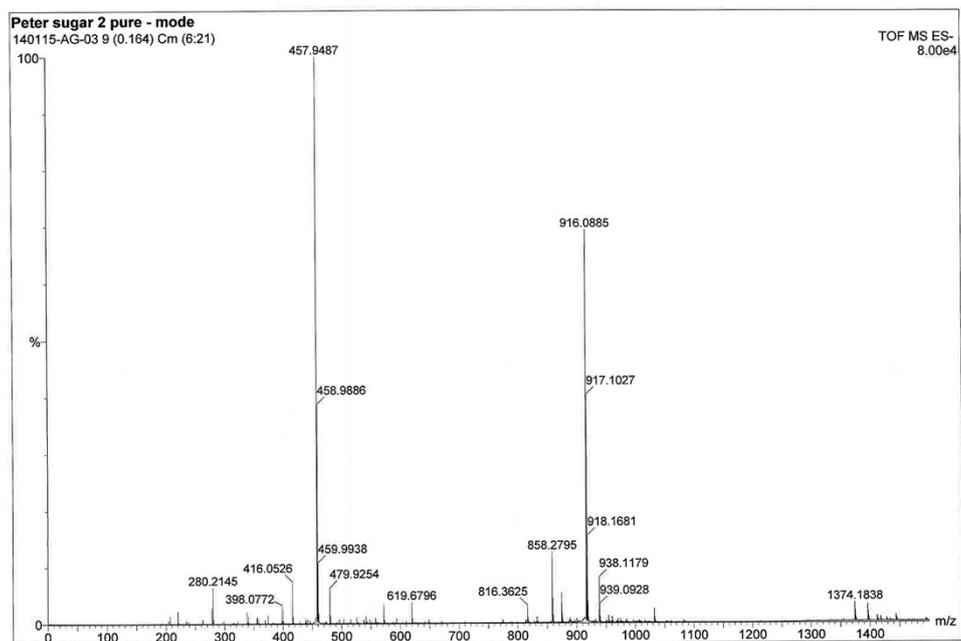
<sup>13</sup>C-NMR spectrum of compound 4

Figure S2. ESI-MS,  $^1\text{H}$ -NMR and  $^{13}\text{C}$ -NMR of compound 7.

Electrospray time of flight mass spectrum of compound 7 (negative mode)

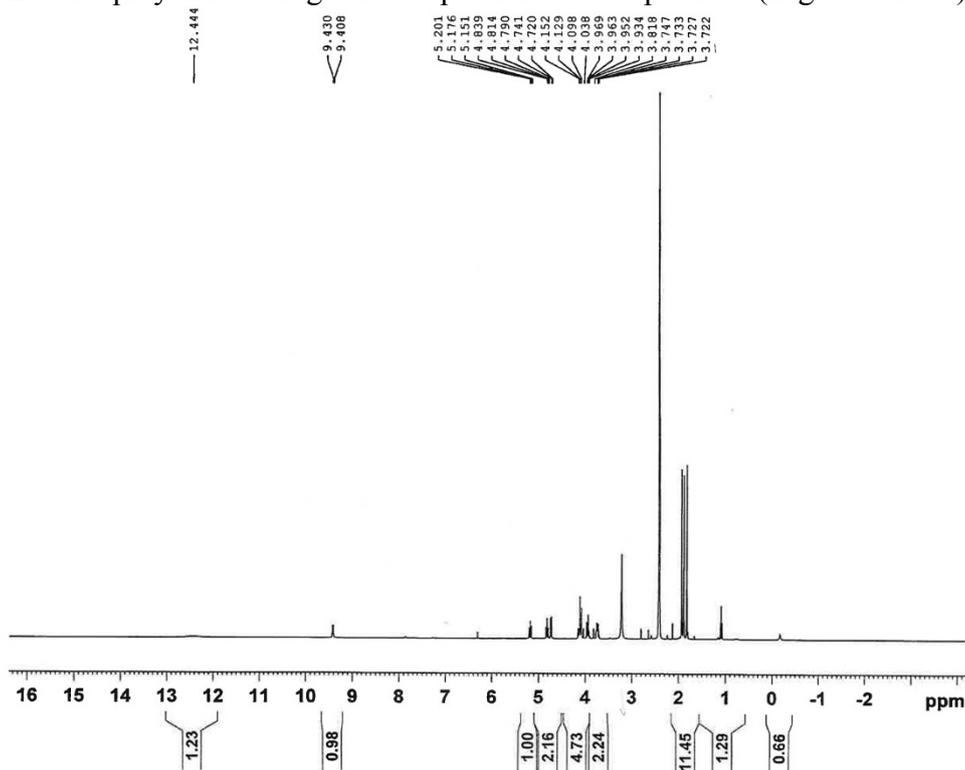
 $^1\text{H}$ -NMR spectrum of compound 7

Figure S2. Cont.

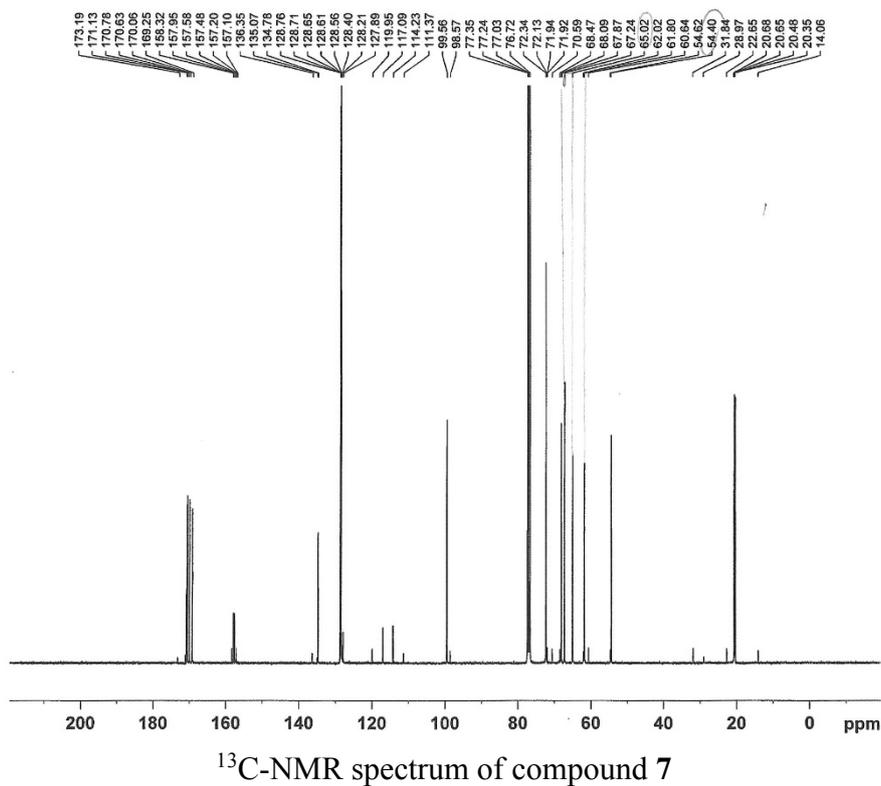
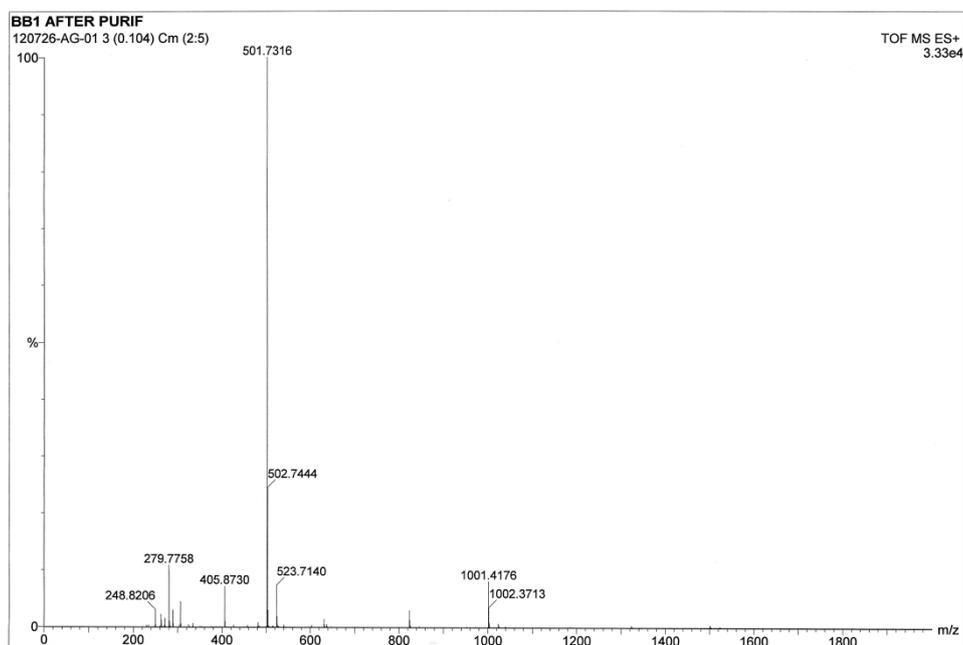
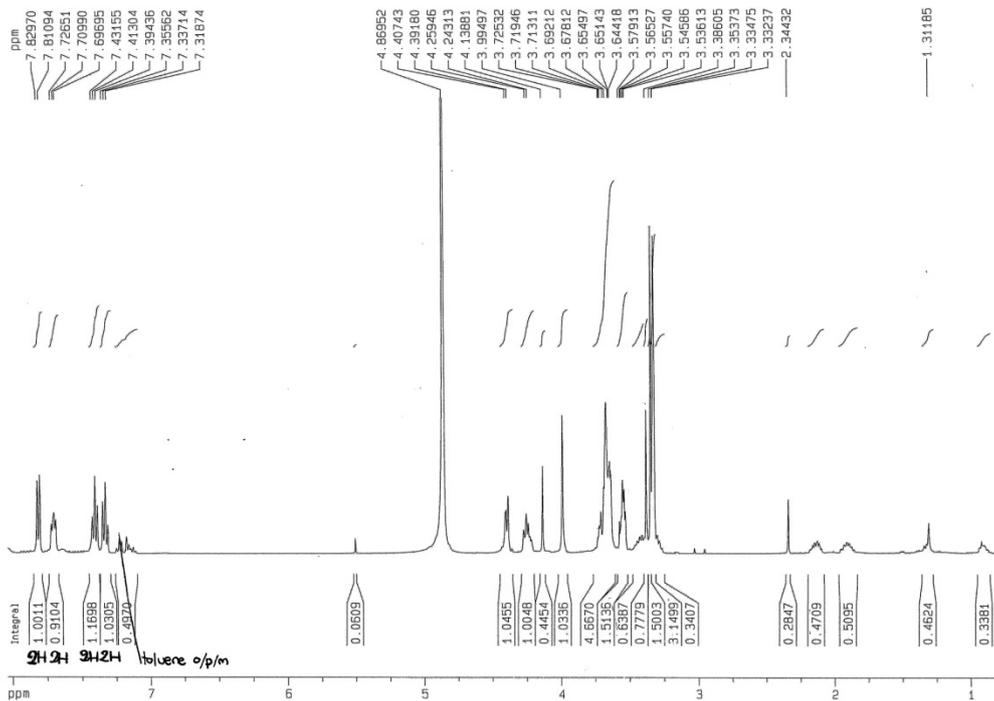
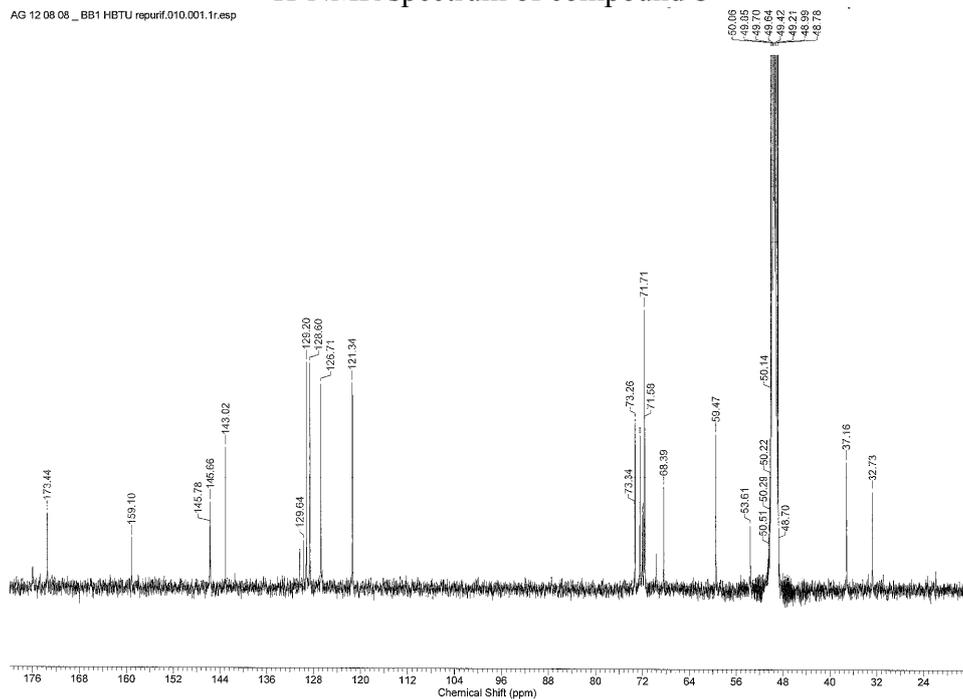
Figure S3. ESI-MS,  $^1\text{H-NMR}$  and  $^{13}\text{C-NMR}$  of compound **8**.Electrospray time of flight mass spectrum of compound **8** (positive mode)

Figure S3. Cont.



<sup>1</sup>H-NMR spectrum of compound 8

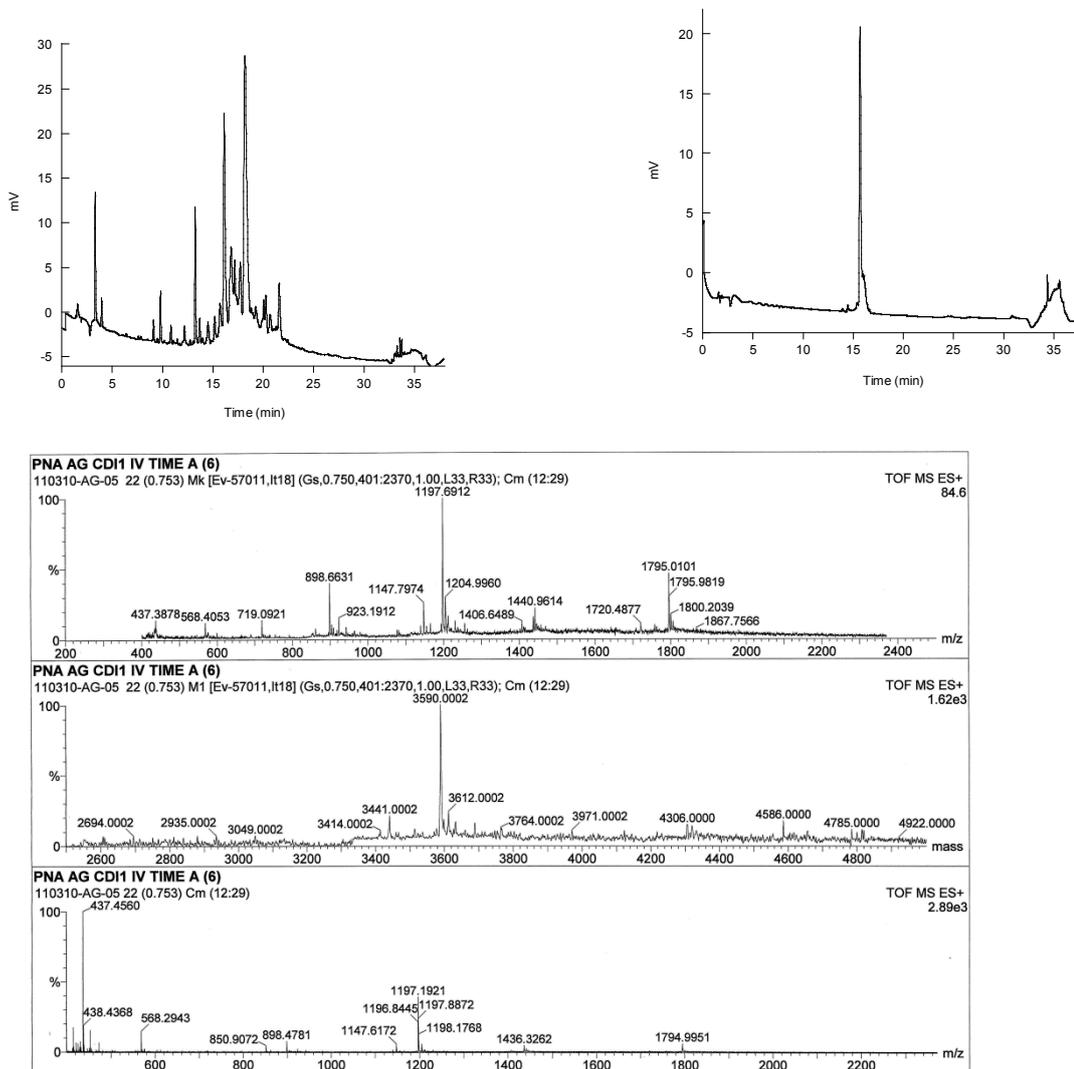
AG 12 08 08\_BB1 HBTU repurif.010.001.1r.esp



<sup>13</sup>C-NMR spectrum of compound 8

**Figure S4.** Chromatograms of crude (left panels) and purified PNAs (right panels) and ESI-MS of purified PNA-conjugates (lower panels).

**PNA 2**



**PNA 3**

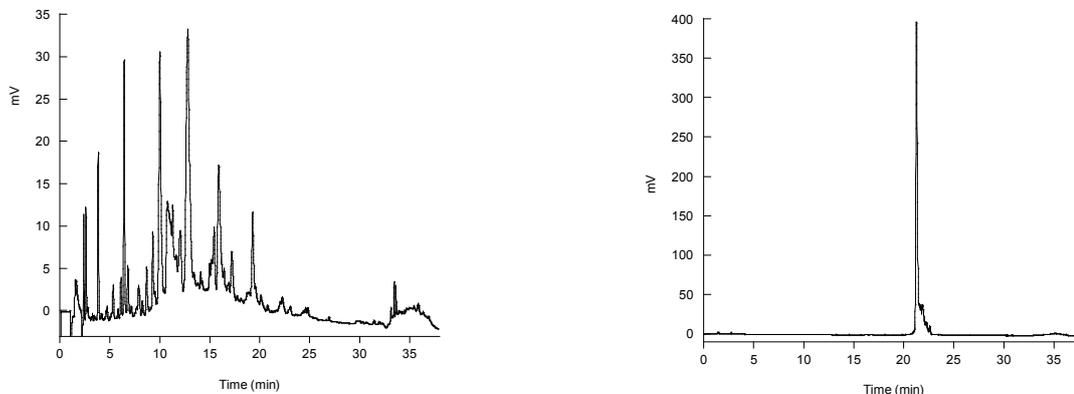
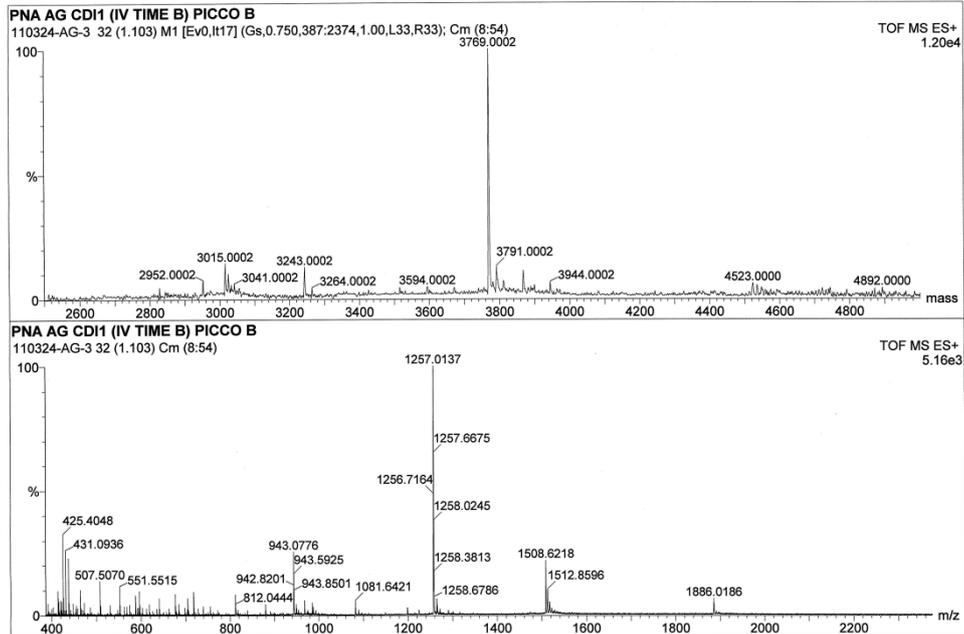


Figure S4. Cont.



**PNA 5**

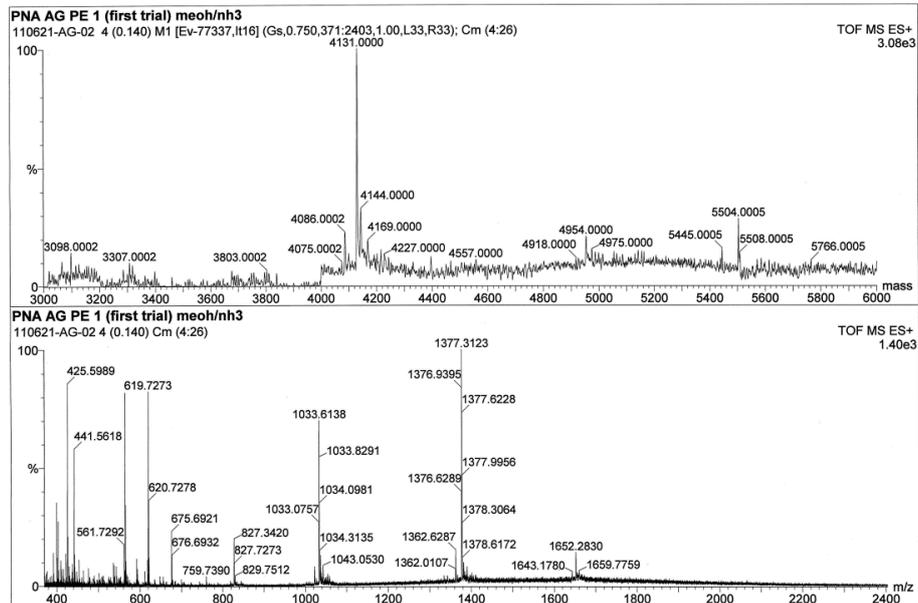
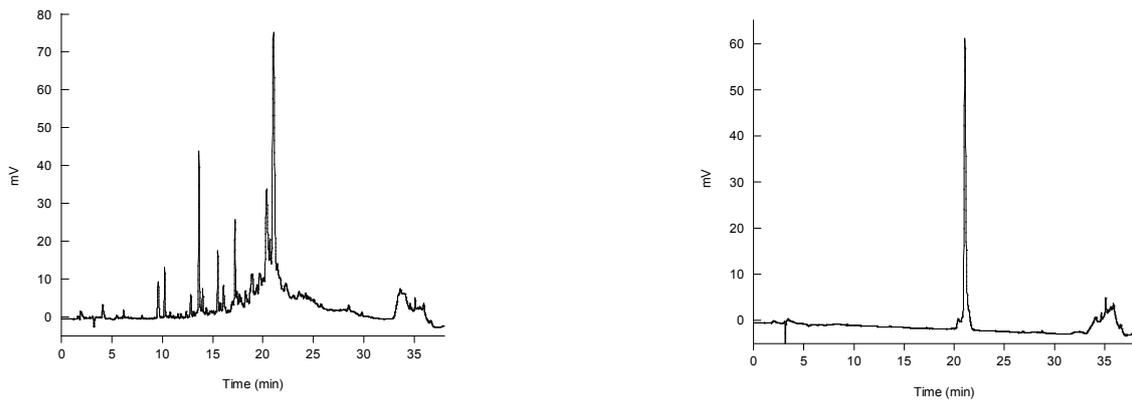
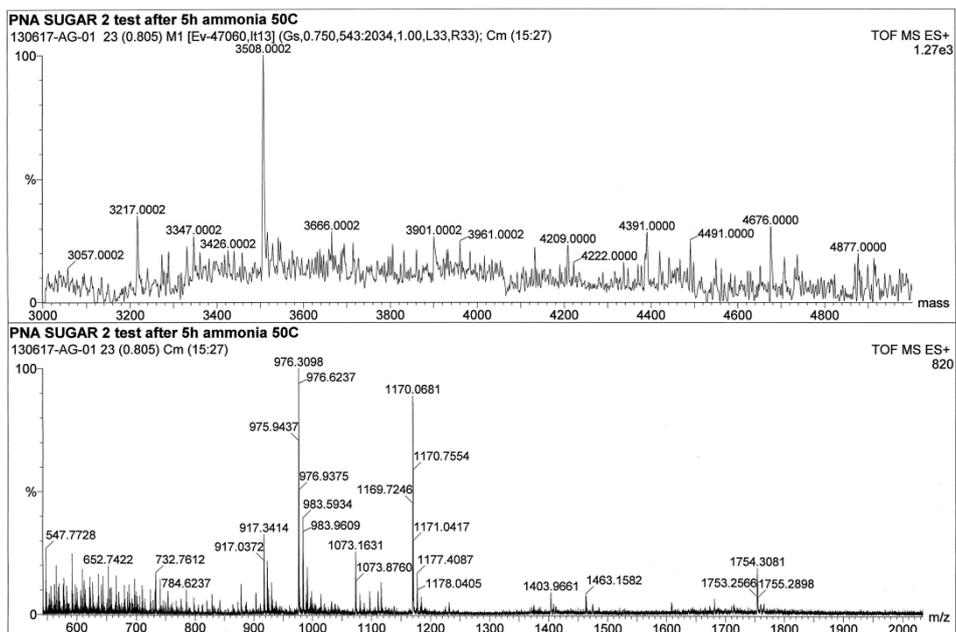
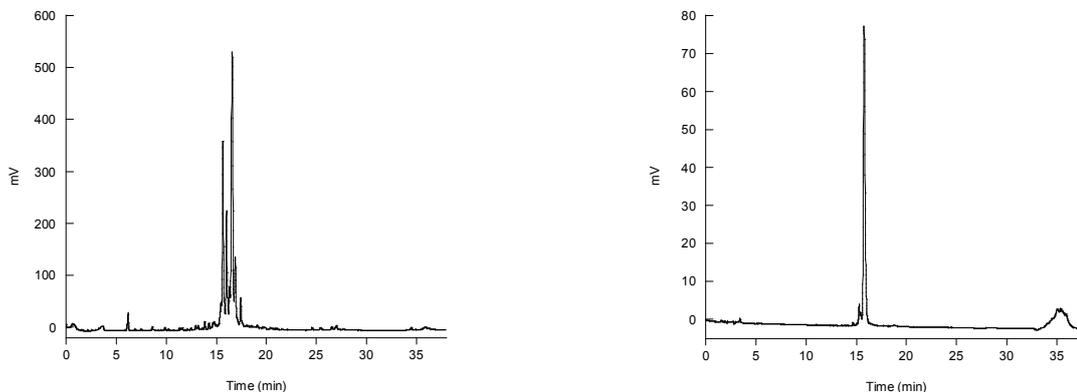


Figure S4. Cont.

PNA 7



PNA 9

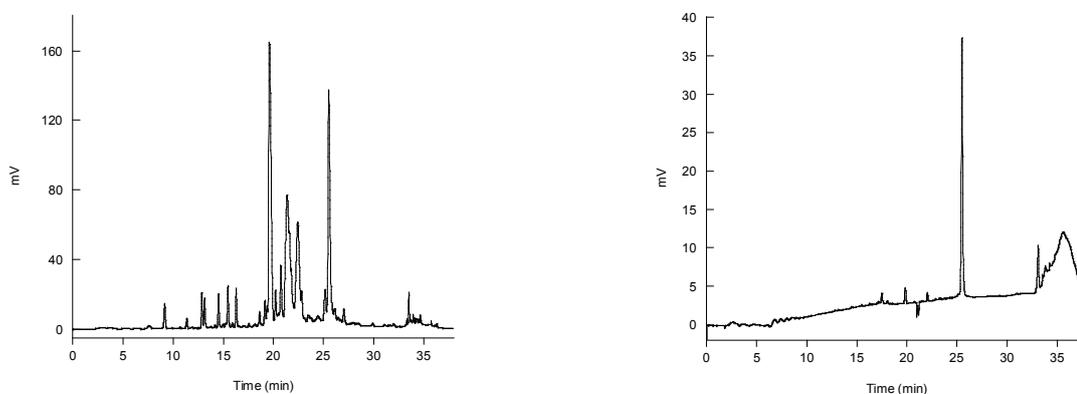
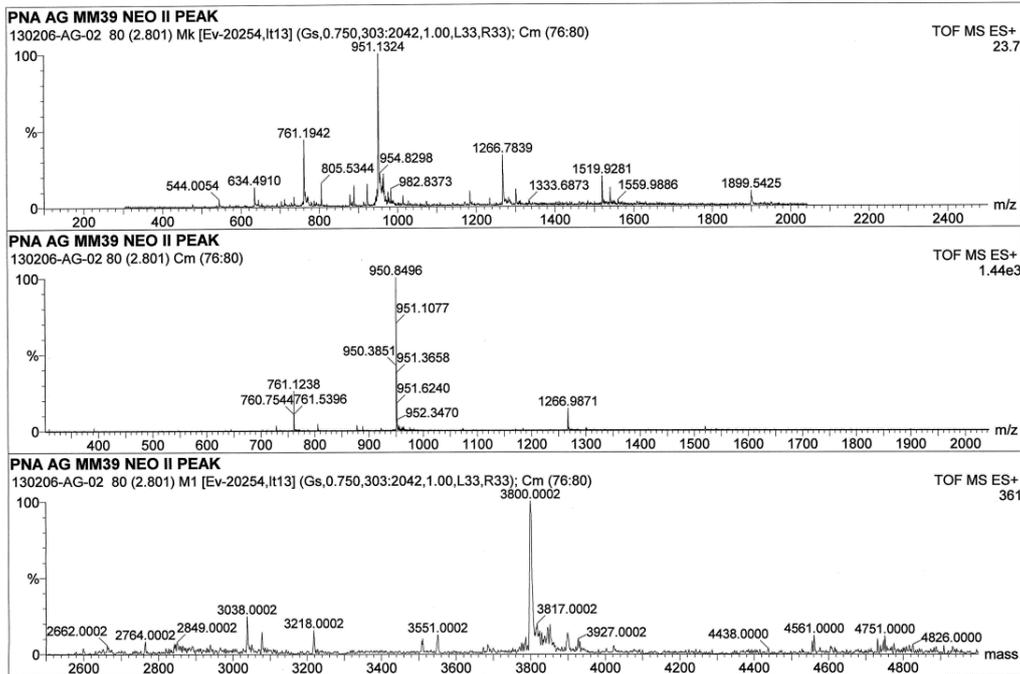


Figure S4. Cont.



PNA 10

