Supporting Information

The first cyclic monomeric 3-alkylpyridinium alkaloid from natural sources: identification, synthesis, and biological activity

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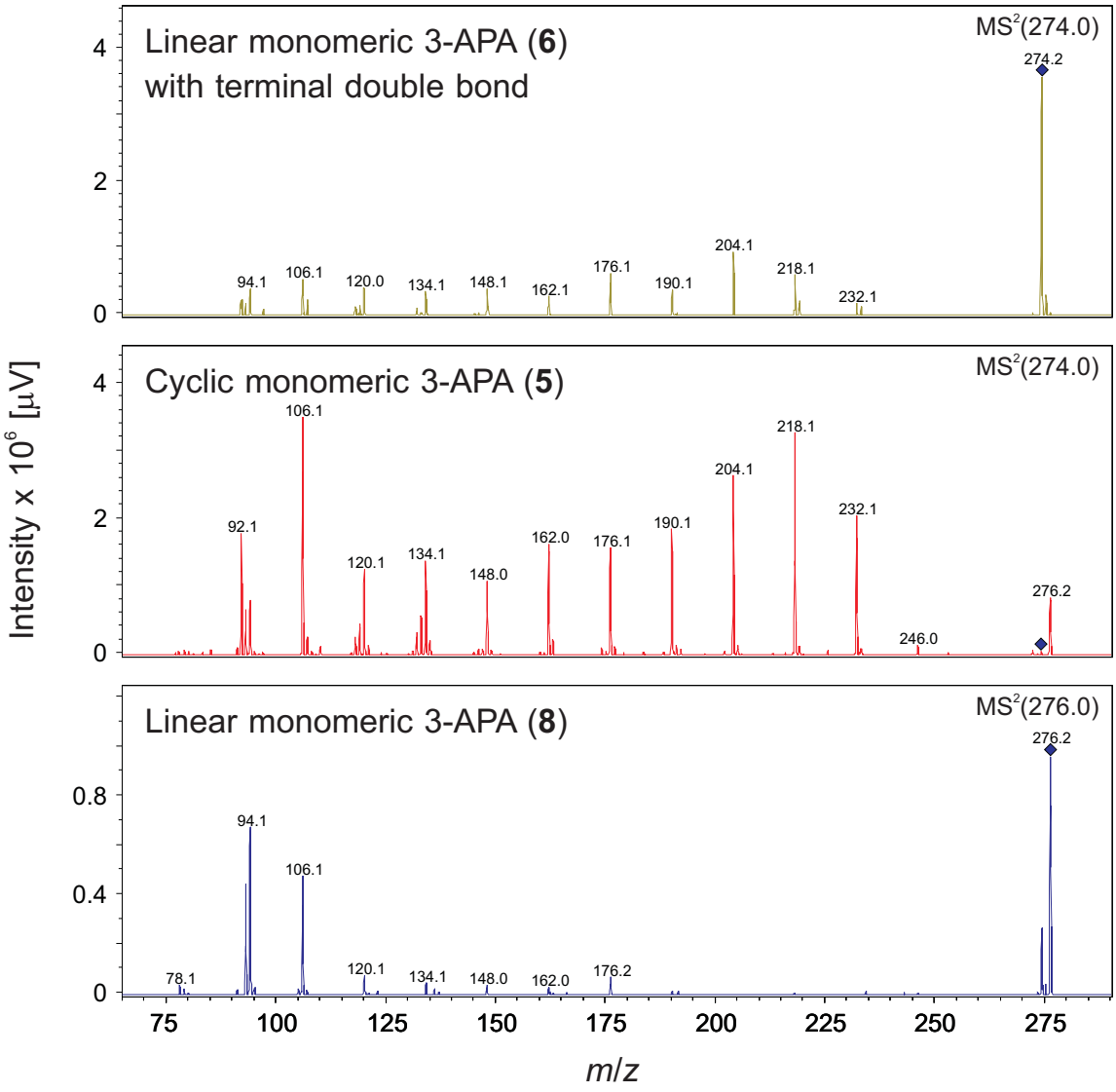

Figure S1: MS/MS spectra of the linear 3-APAs **6** and **8** and the cyclic monomeric 3-APA (**5**). The fragmentation pattern of the cyclic monomer (**5**) is identical to linear monomeric 3-APA with terminal double bond (**6**).

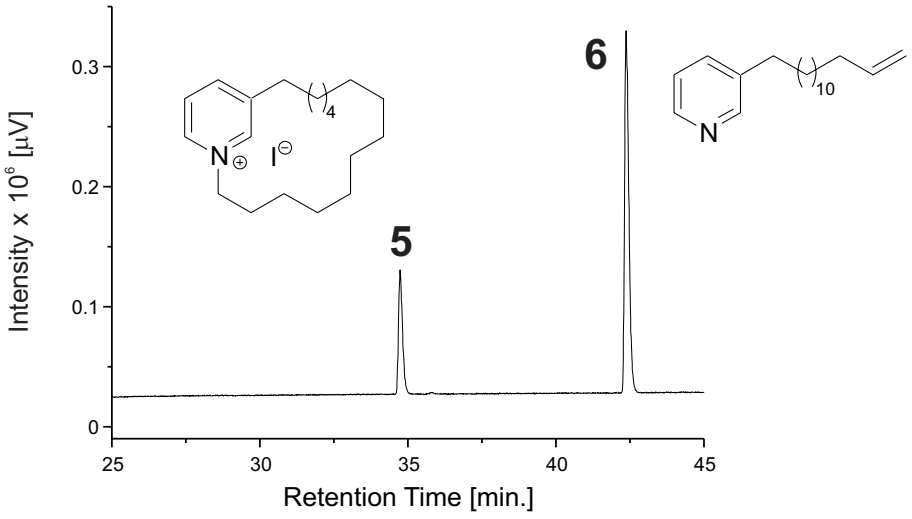

Figure S2: HPLC chromatogram of the cyclic monomer (**5**) and the linear isomer (**6**).

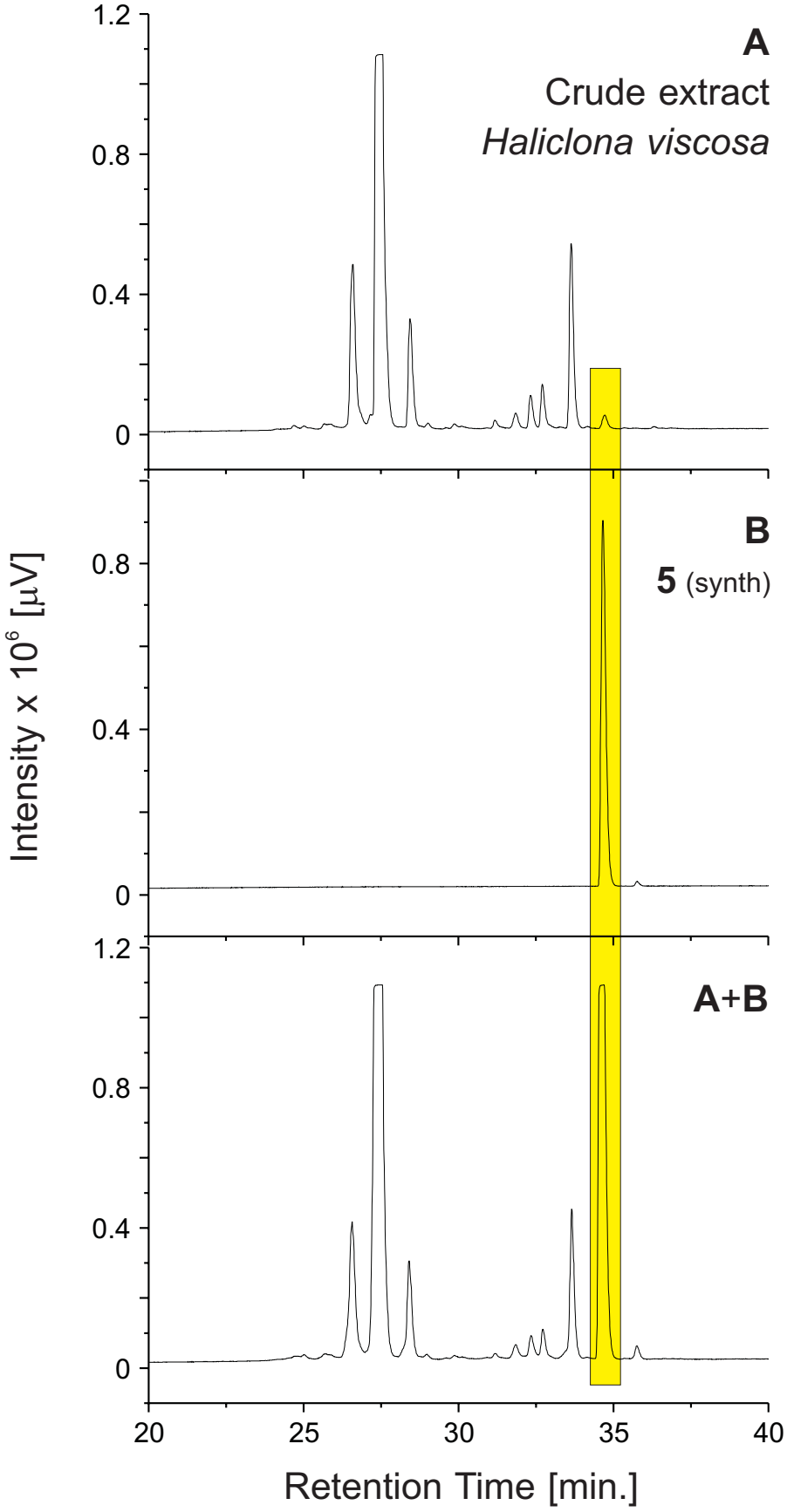

Figure S3: Comparison of the HPLC chromatograms of the crude extract of *Haliclona viscosa* (A), synthetic **5** (B), and a mixture of both (A+B).

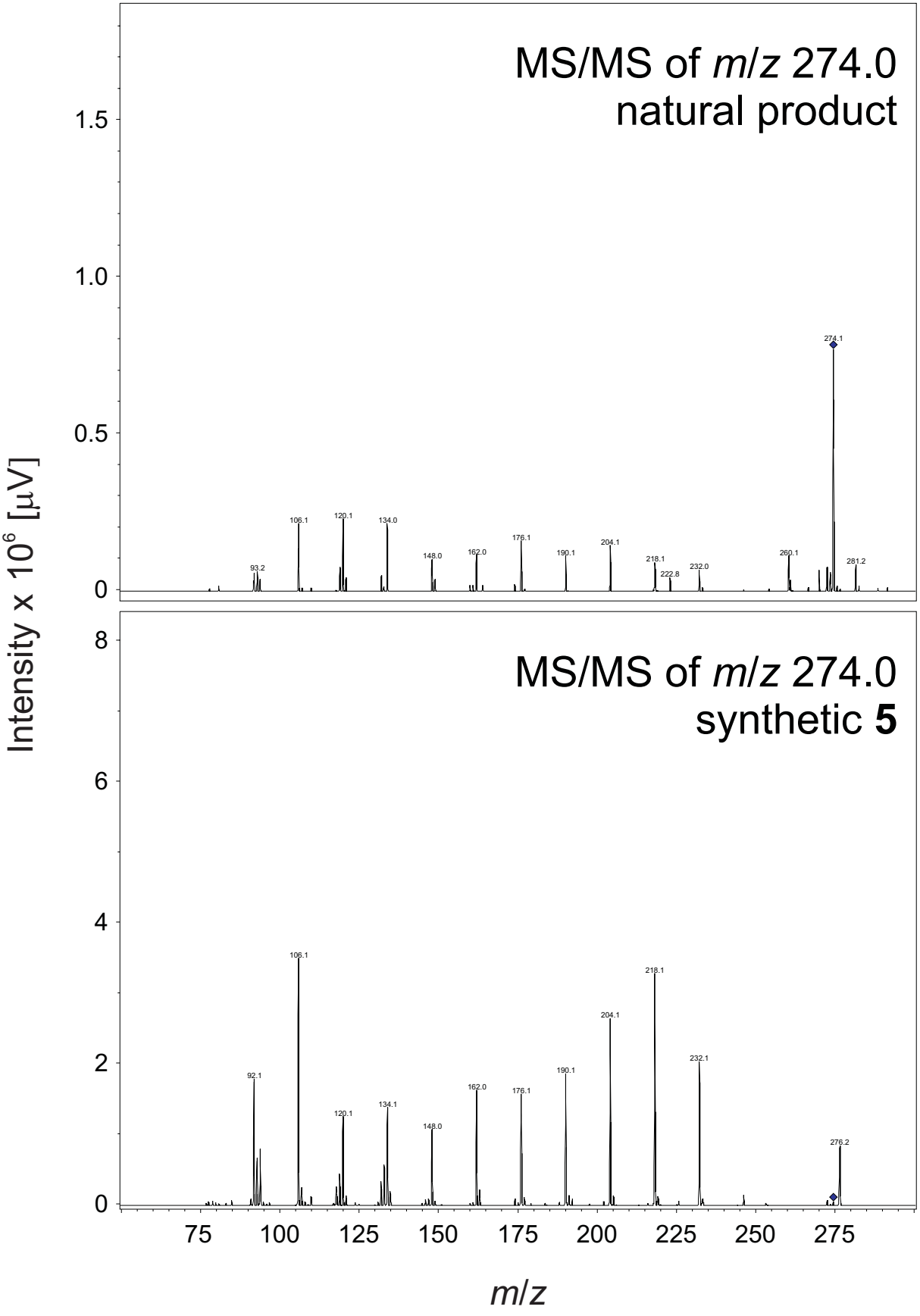

Figure S4: Comparison of the MS/MS spectra of the natural product (from the MS of the crude extract of *Haliclona viscosa*) and synthetic **5**.