

Supporting Information

Branched Chondroitin Sulfate Oligosaccharides Derived from the Sea Cucumber *Acaudina molpadioides* Stimulate Neurite Outgrowth

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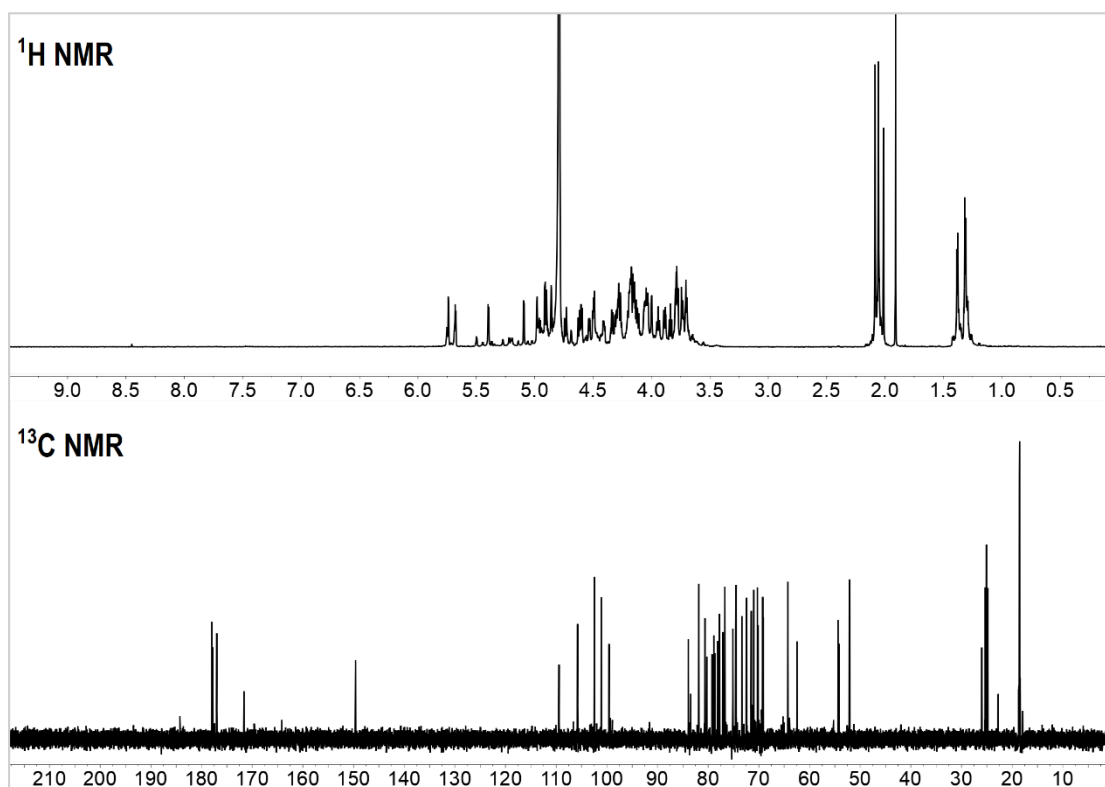


Figure S1. $^1\text{H}/^{13}\text{C}$ NMR spectra of oligosaccharide 9.

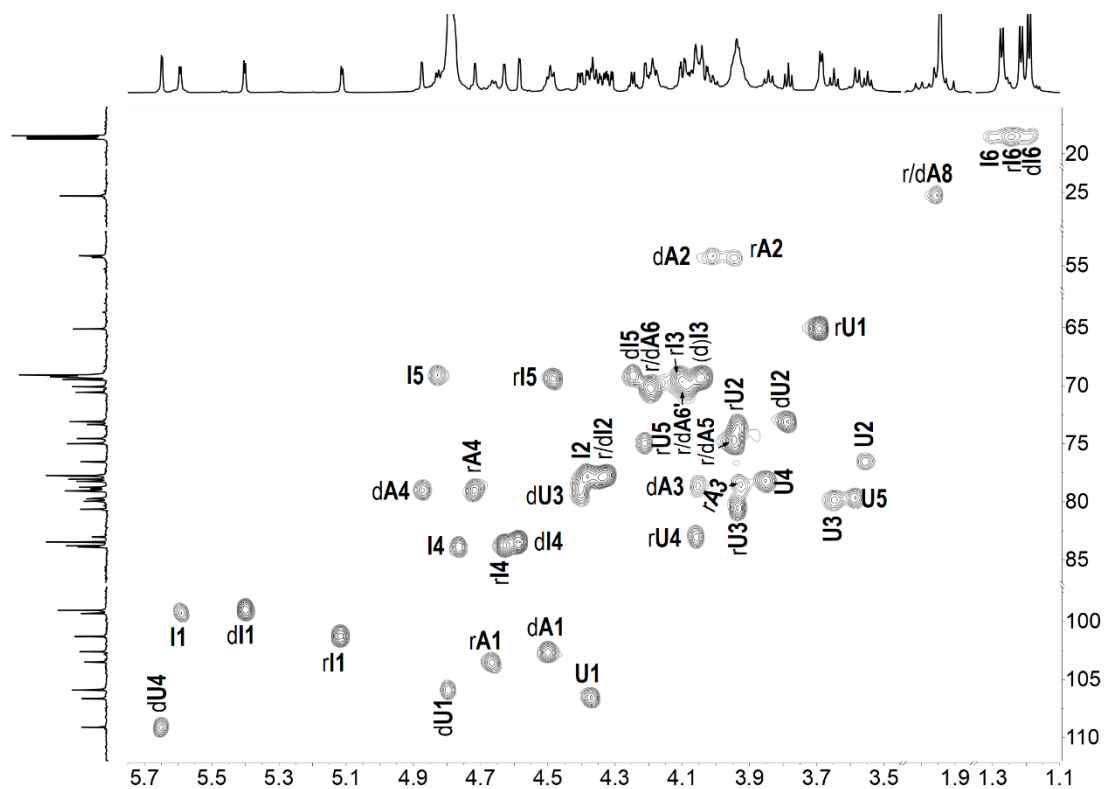


Figure S2. HSQC spectrum and signal assignments of oligosaccharide 10.

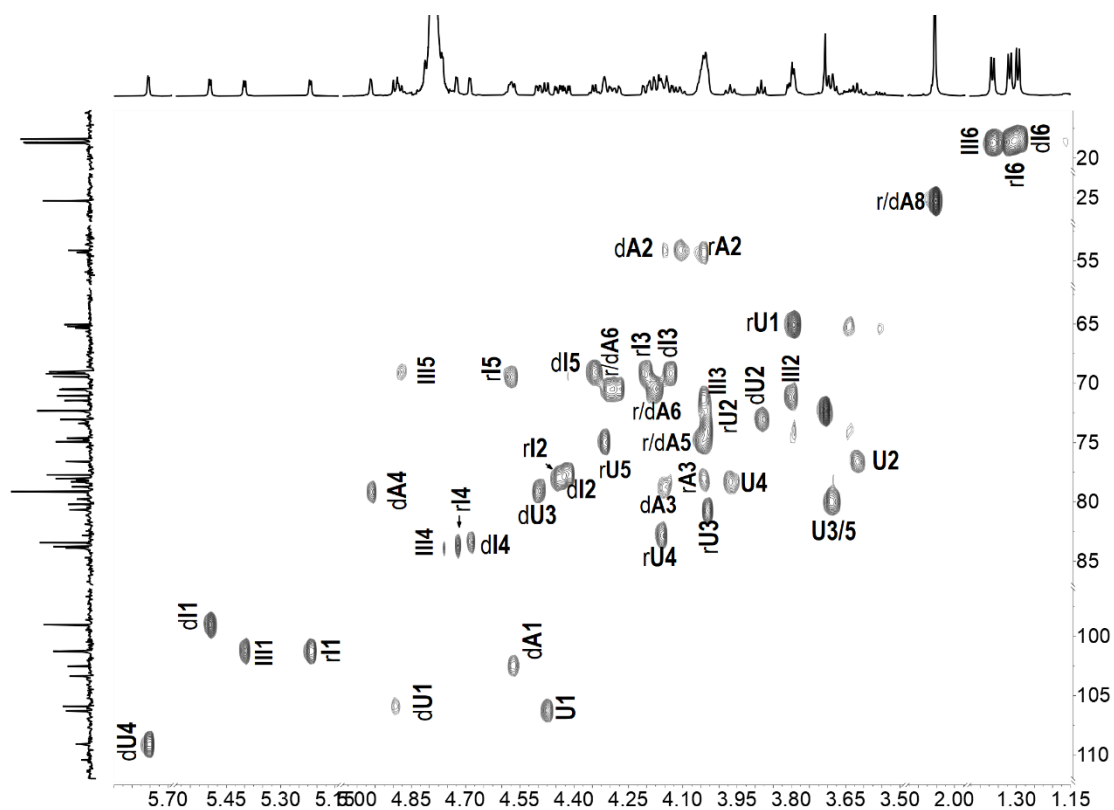


Figure S3. HSQC spectrum and signal assignments of oligosaccharide **11**.

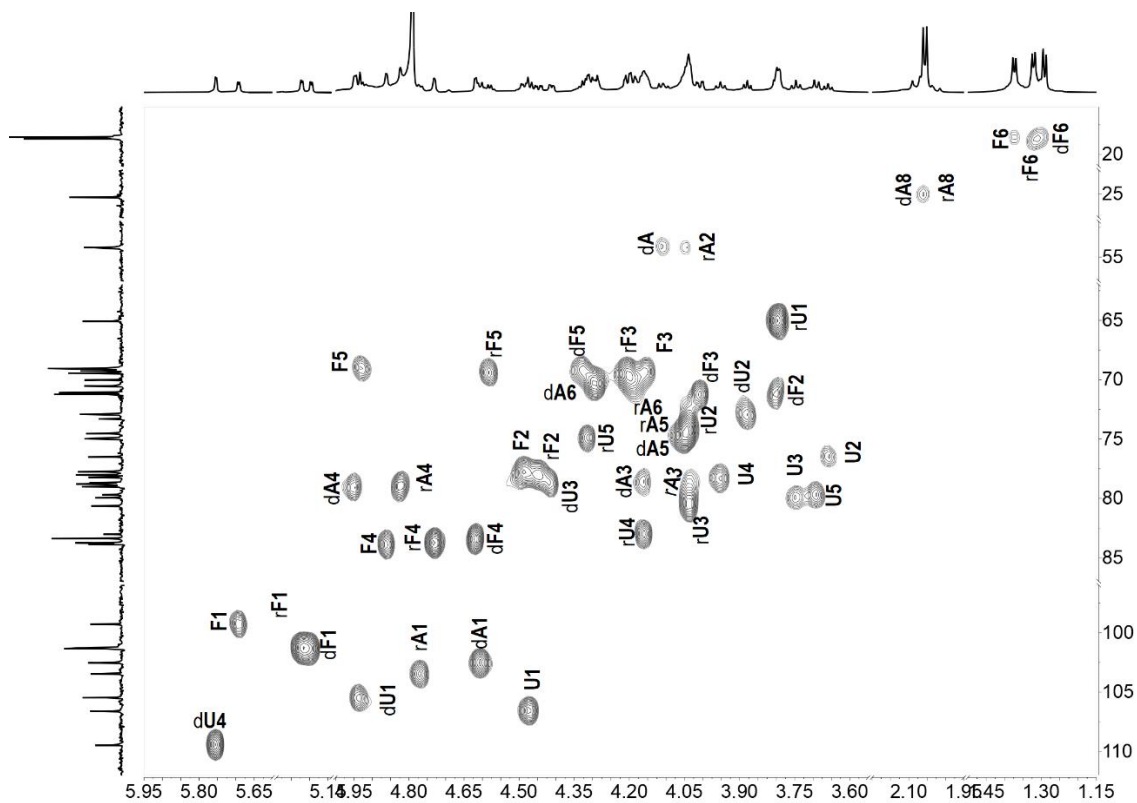
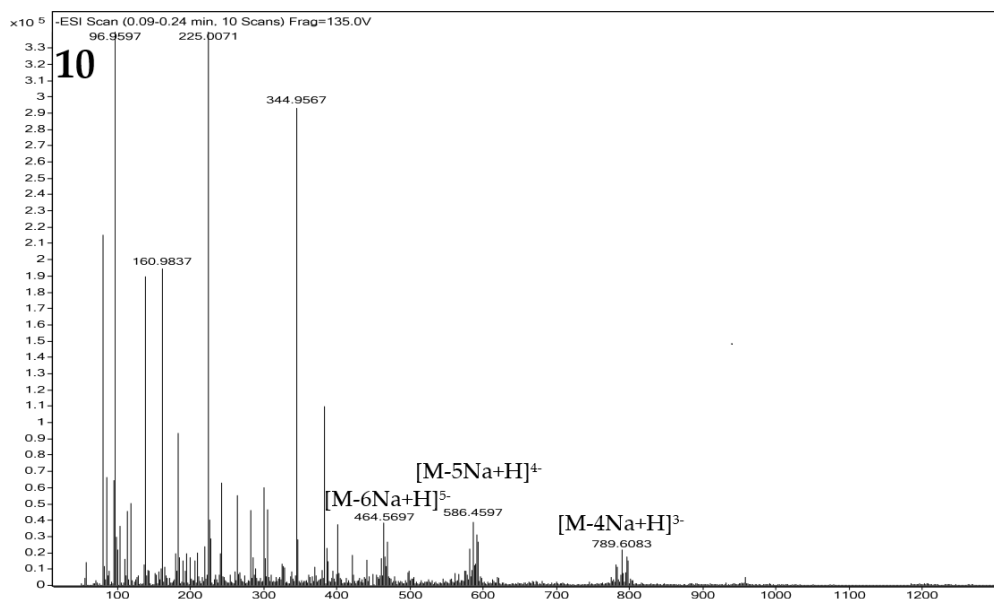
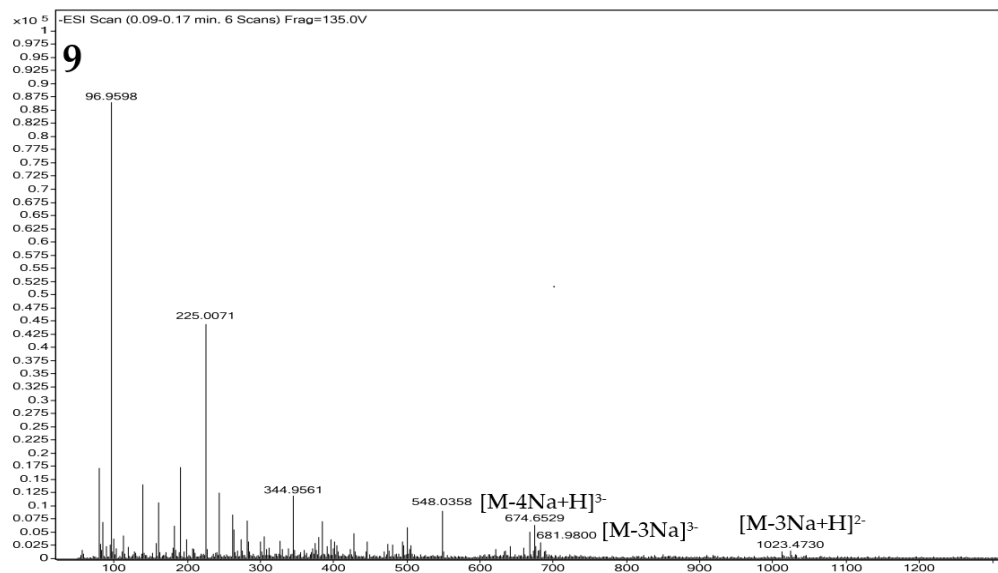
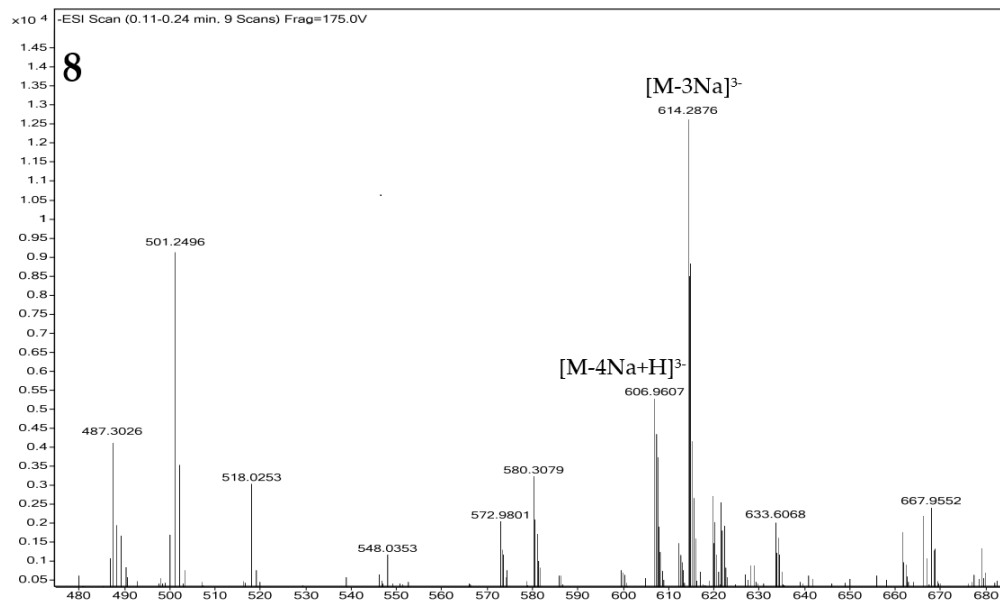
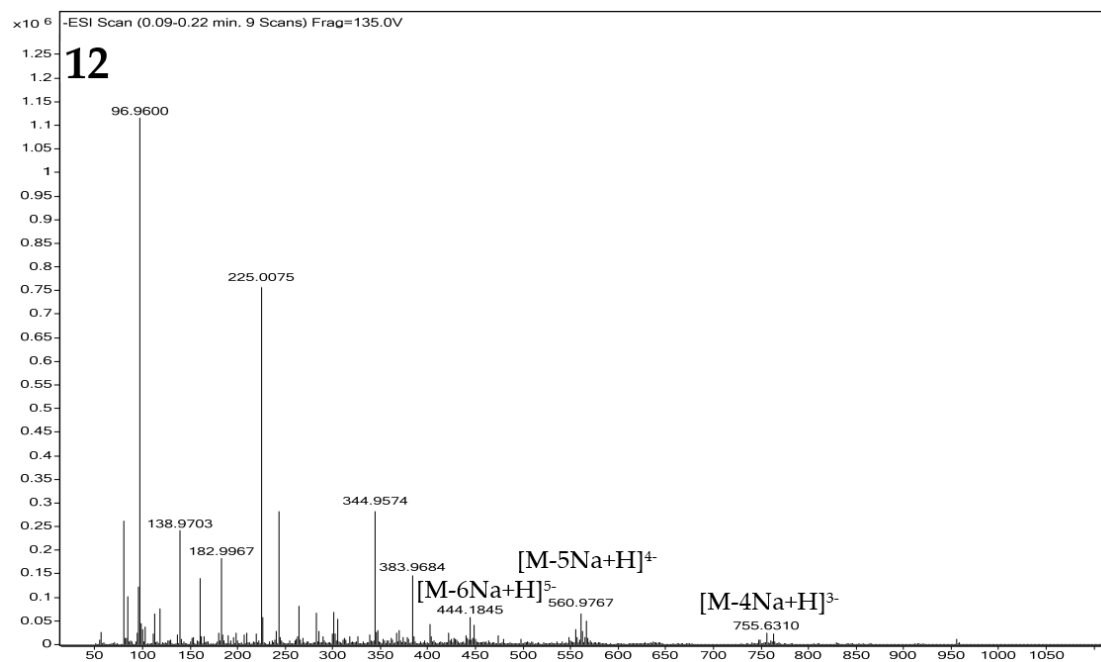
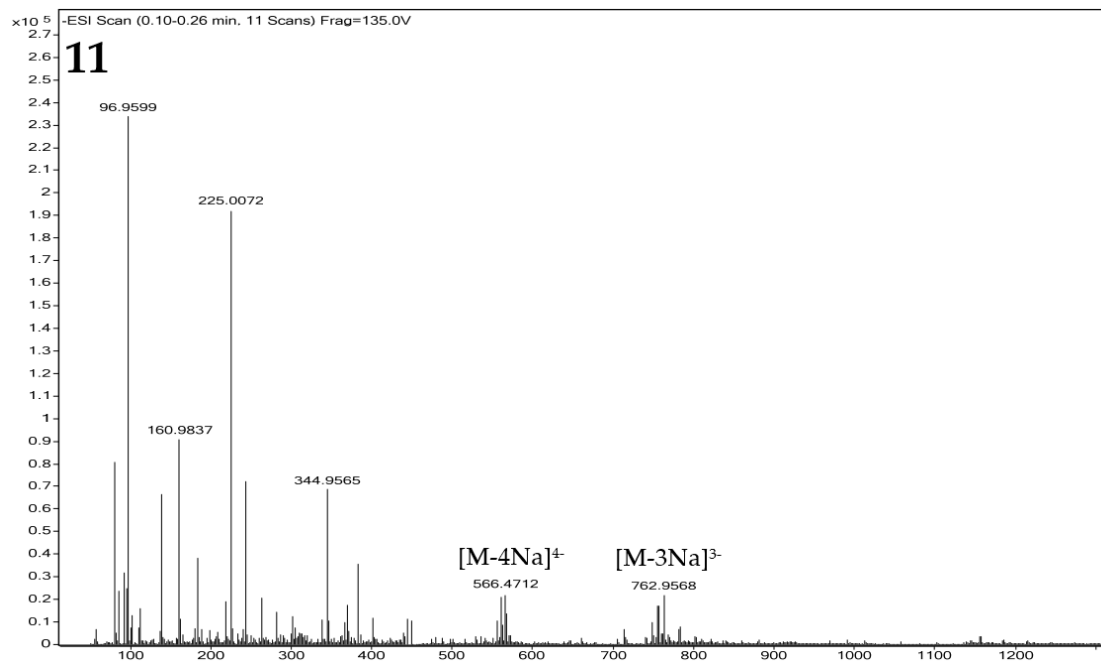


Figure S4. HSQC spectrum and signal assignments of oligosaccharide **12**.





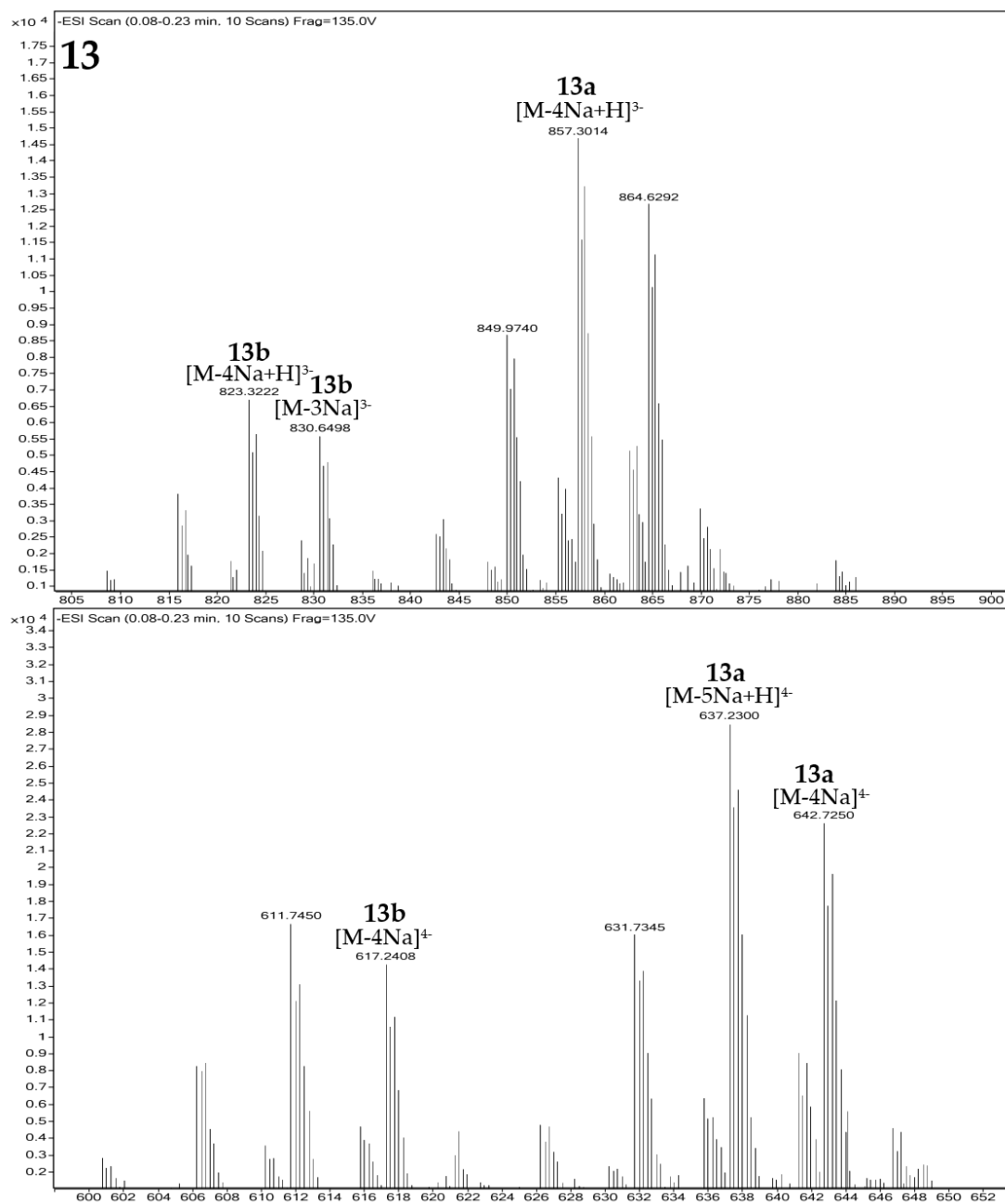


Figure S5. MS spectra and signal assignments of oligosaccharides 8–13.