

Supplement 1

As a reference of the studied polyprenol homologs below we provide high-resolution mass spectrometry (HRMS) peaks for *Abies sibirica* L. polyprenols.

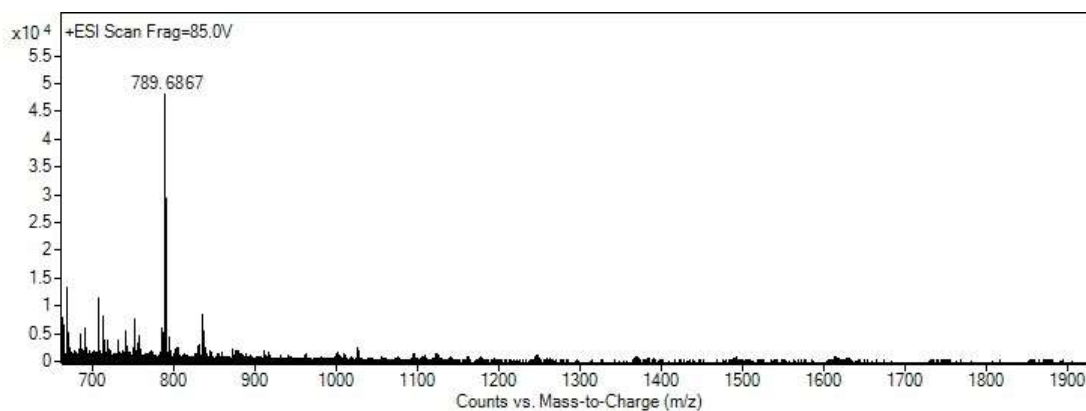


Figure S1. High-resolution mass spectra (HRMS) example of polyprenol homologue P11.

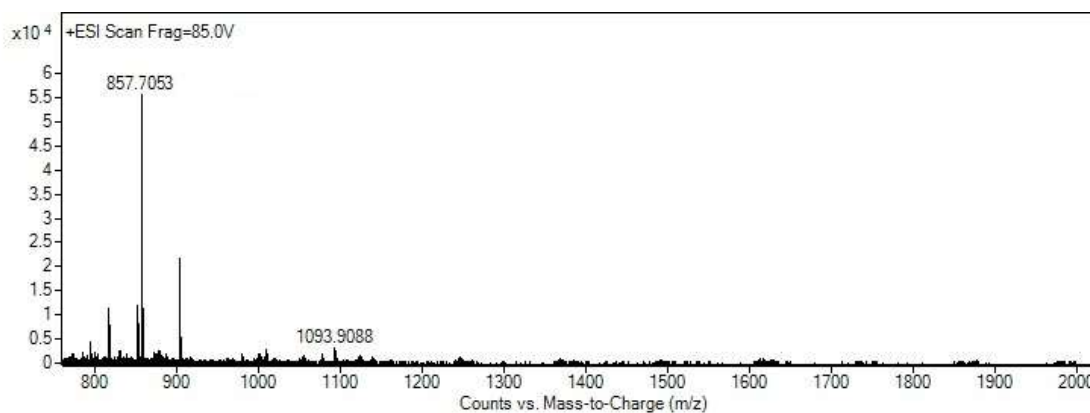


Figure S2. High-resolution mass spectra (HRMS) example of polyprenol homologue P12.

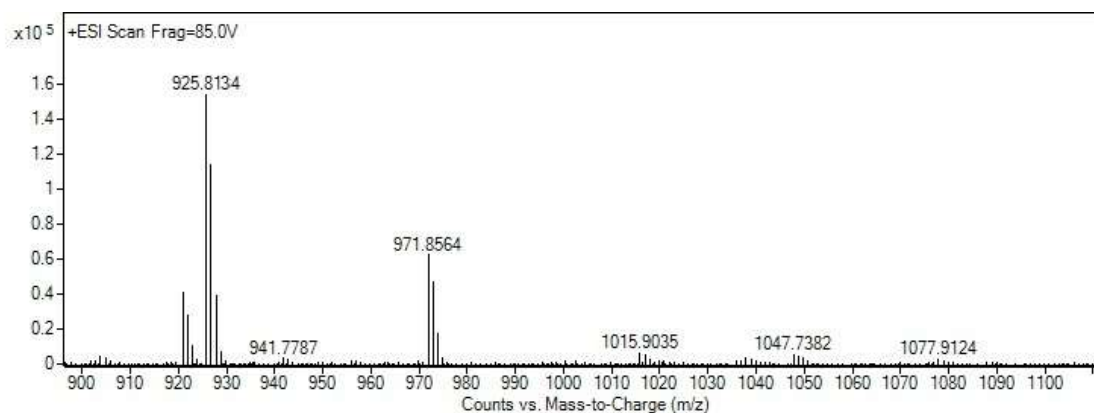


Figure S3. High-resolution mass spectra (HRMS) example of polyprenol homologue P13.

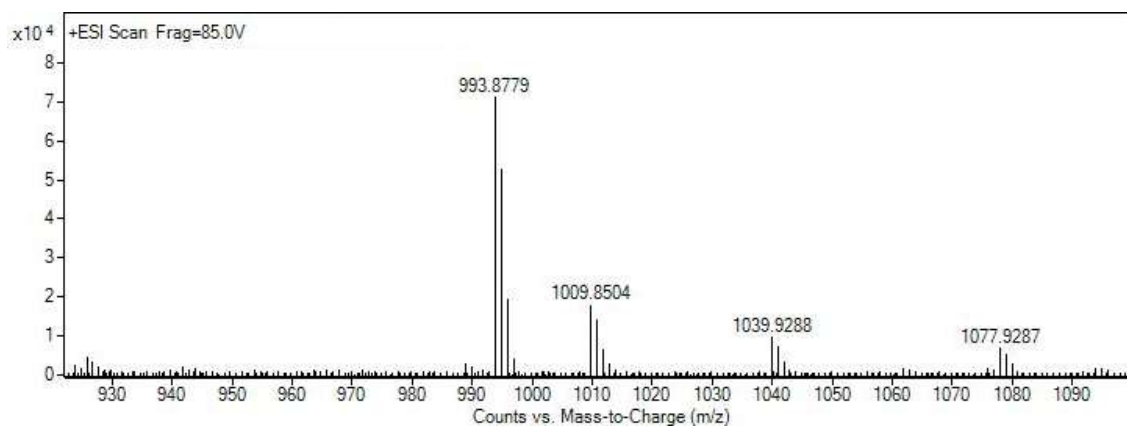


Figure S4. High-resolution mass spectra (HRMS) example of polyprenol homologue P14.

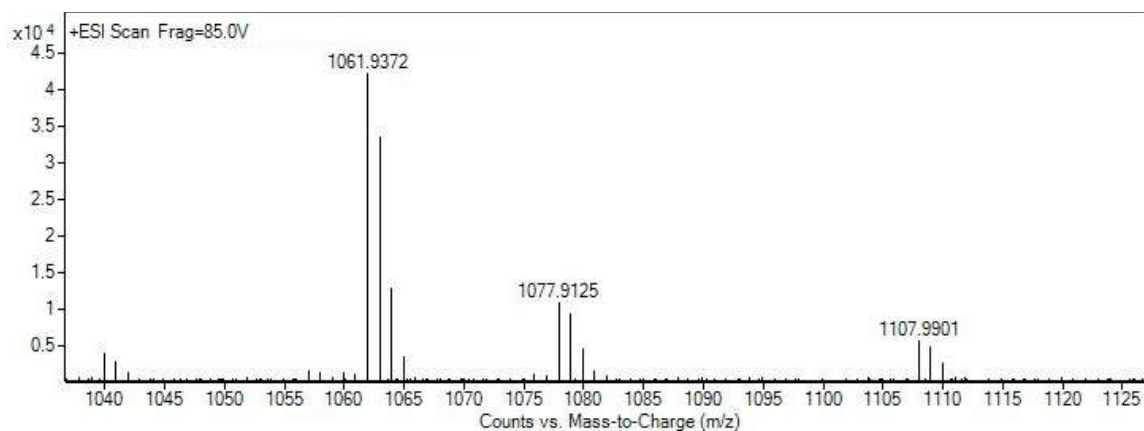


Figure S5. High-resolution mass spectra (HRMS) example of polyprenol homologue P15.

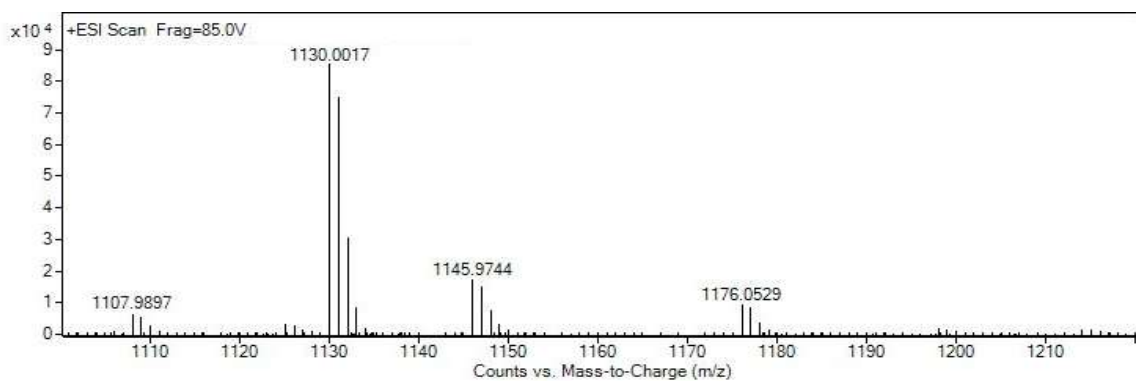


Figure S6. High-resolution mass spectra (HRMS) example of polyprenol homologue P16.

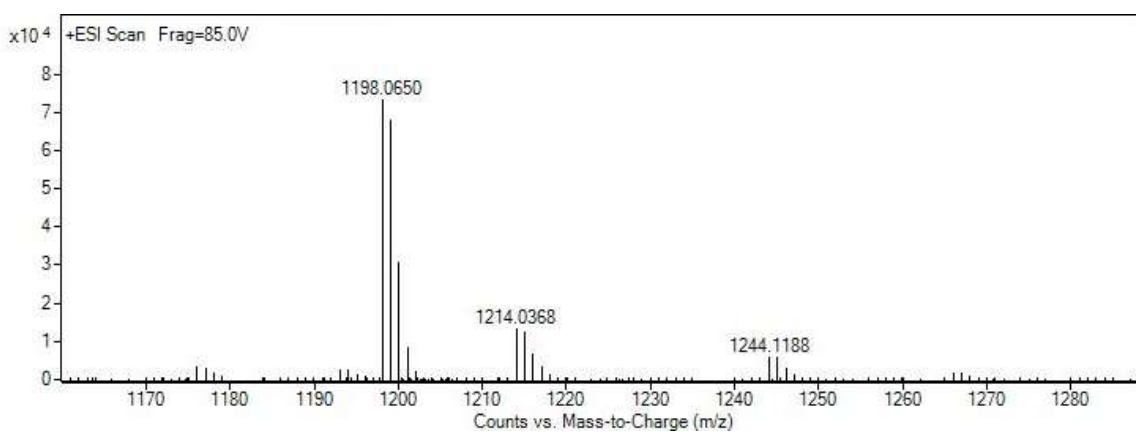


Figure S7. High-resolution mass spectra (HRMS) example of polyprenol homologue P17.

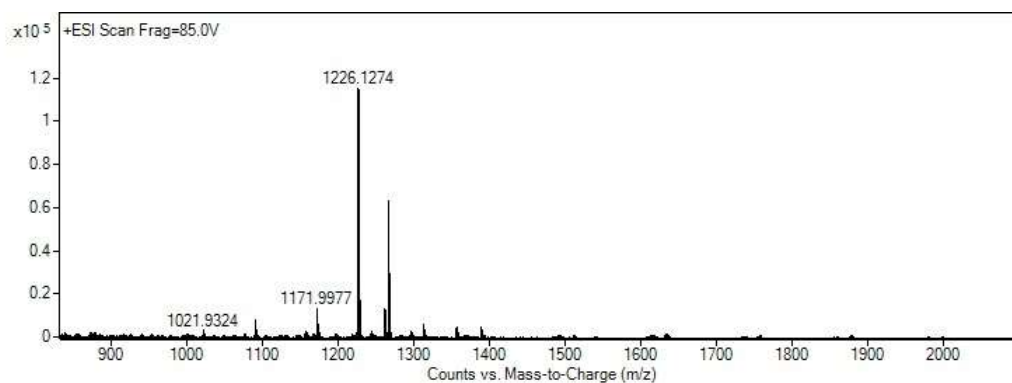


Figure S8. High-resolution mass spectra (HRMS) example of polyprenol homologue P18.

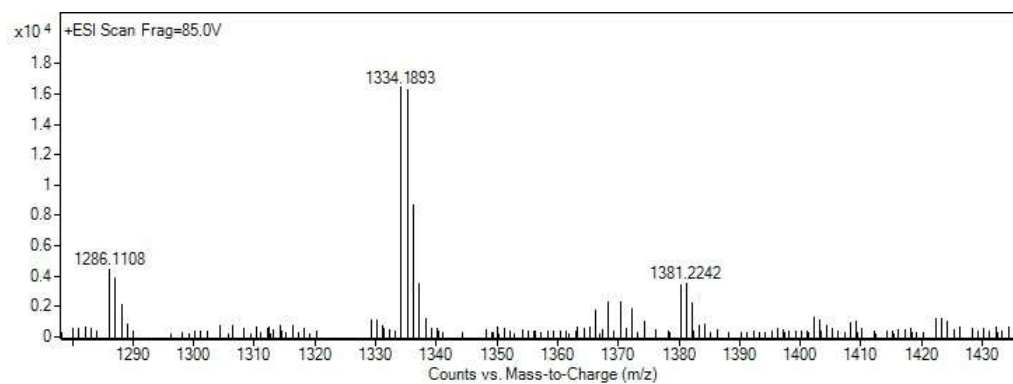


Figure S9. High-resolution mass spectra (HRMS) example of polyprenol homologue P19.

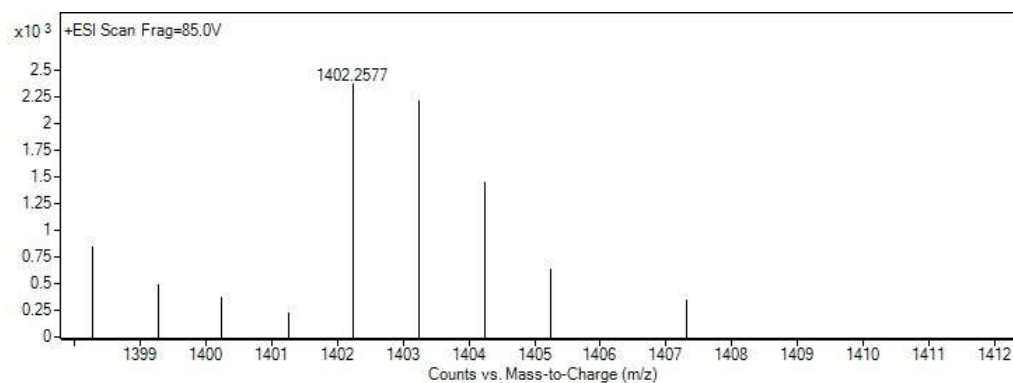


Figure S10. High-resolution mass spectra (HRMS) example of polyprenol homologue P20.