

# Supporting Information

## Comprehensive characterization of lignans from *Forsythia viridissima* by UHPLC-ESI-QTOF-MS, and their NO inhibitory effects on RAW 264.7 cells

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Figure S1. Chromatographic profiling of compounds in total extracts and fractions of *F.viridissima*.

Figure S2. Chromatographic profiling of compounds in subfractions of *F. viridissima*.

Figure S3. MS/MS spectra in positive mode of matairesinoside (1).

Figure S4. MS/MS spectra in positive mode of arctiin (2)

Figure S5. MS/MS spectra in positive mode of matairesinol (3)

Figure S6. MS/MS spectra in positive mode of arctigenin (4)

Figure S7. MS/MS spectra in positive mode of dimatairesinol (5)

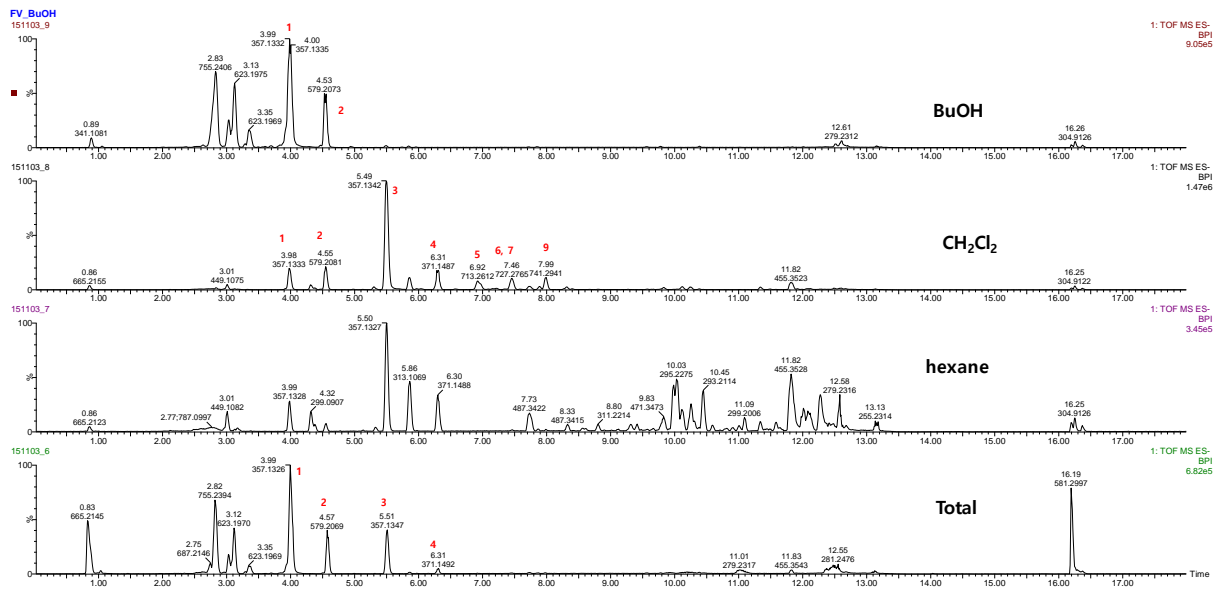
Figure S8. MS/MS spectra in positive mode of viridissimaol A (6)

Figure S9. MS/MS spectra in positive mode of viridissimaol B (7)

Figure S10. MS/MS spectra in positive mode of viridissimaol E (8)

Figure S11. MS/MS spectra in positive mode of diarctigenin (9)

Figure S12. MS/MS spectra in positive mode of conicaol A (10)



A: 0.1% formic acid water  
 B: Acetonitrile  
 Flow rate: 0.3 mL/min.

Figure S1. Chromatographic profiling of compounds in total extracts and fractions of *F. viridissima*.

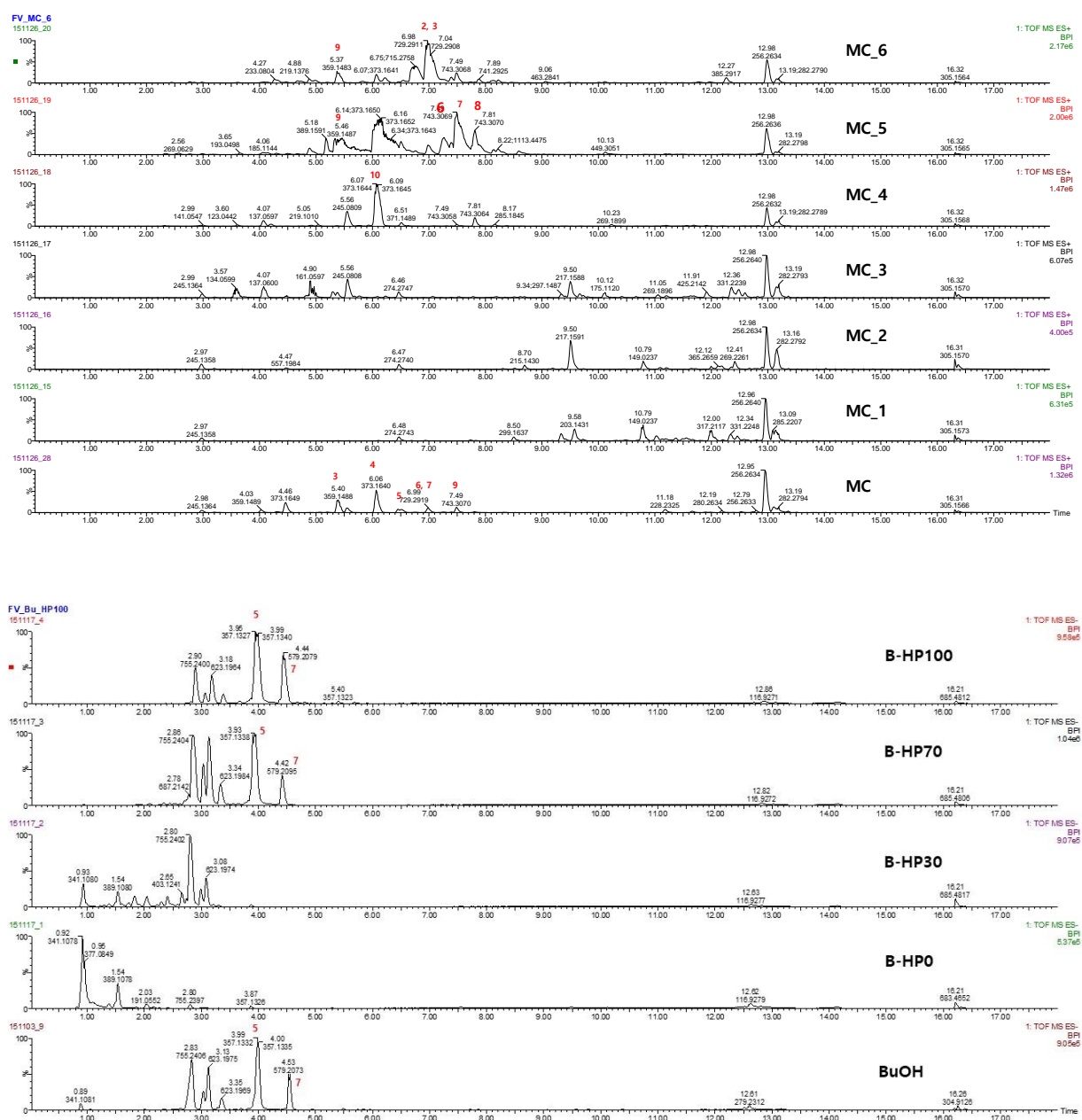


Figure S2. Chromatographic profiling of compounds in subfractions of *F. viridissima*.

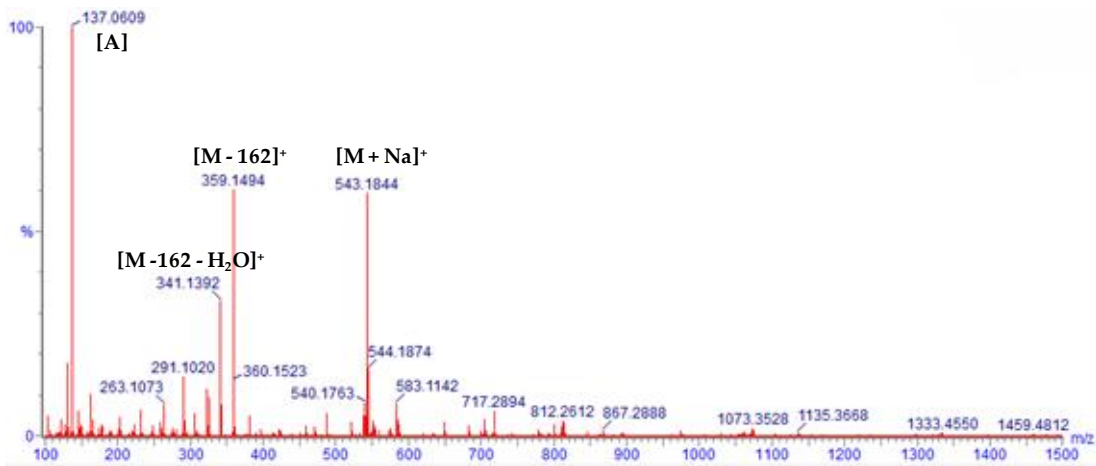


Figure S3. MS/MS spectra in positive mode of matairesinose (1)

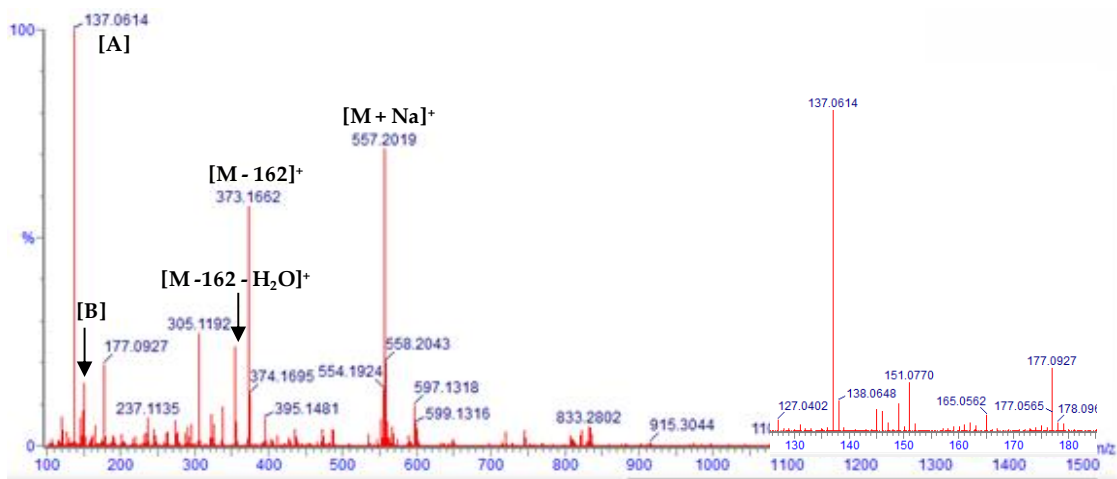


Figure S4. MS/MS spectra in positive mode of arctiin (2)

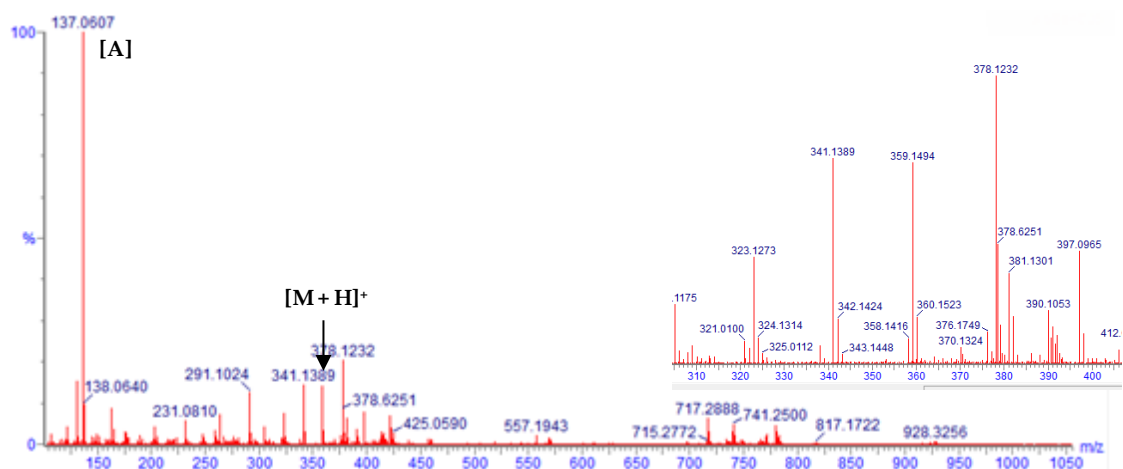


Figure S5. MS/MS spectra in positive mode of matairesinol (3)

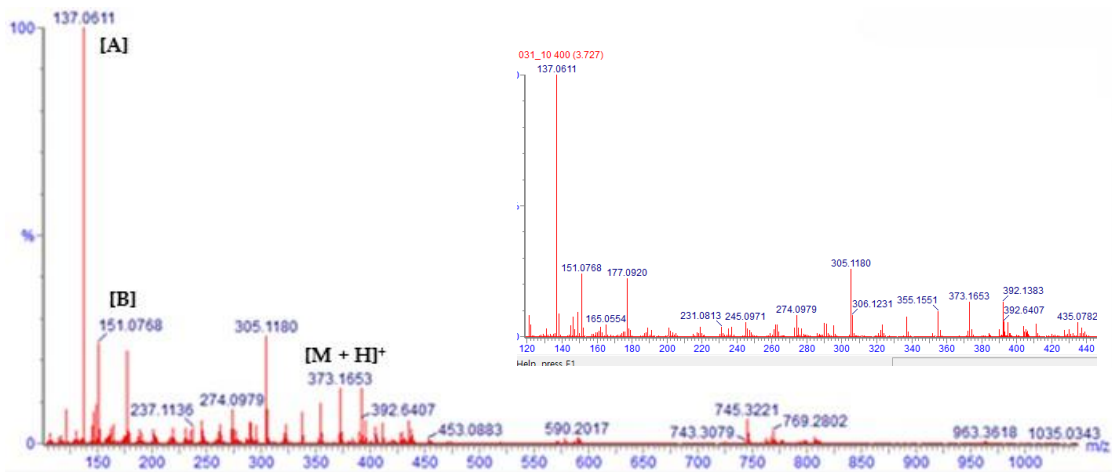


Figure S6. MS/MS spectra in positive mode of arctigenin (4)

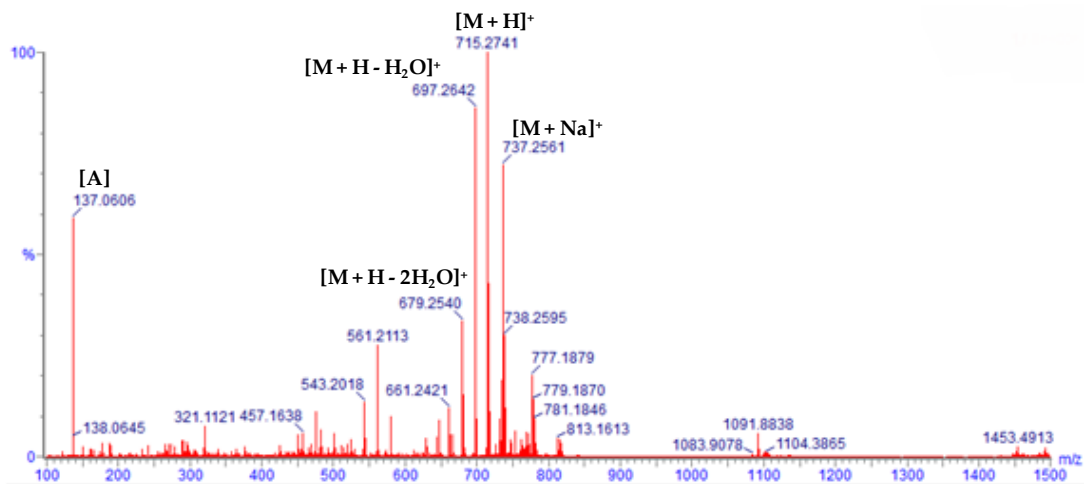


Figure S7. MS/MS spectra in positive mode of dimatairesinol (5)

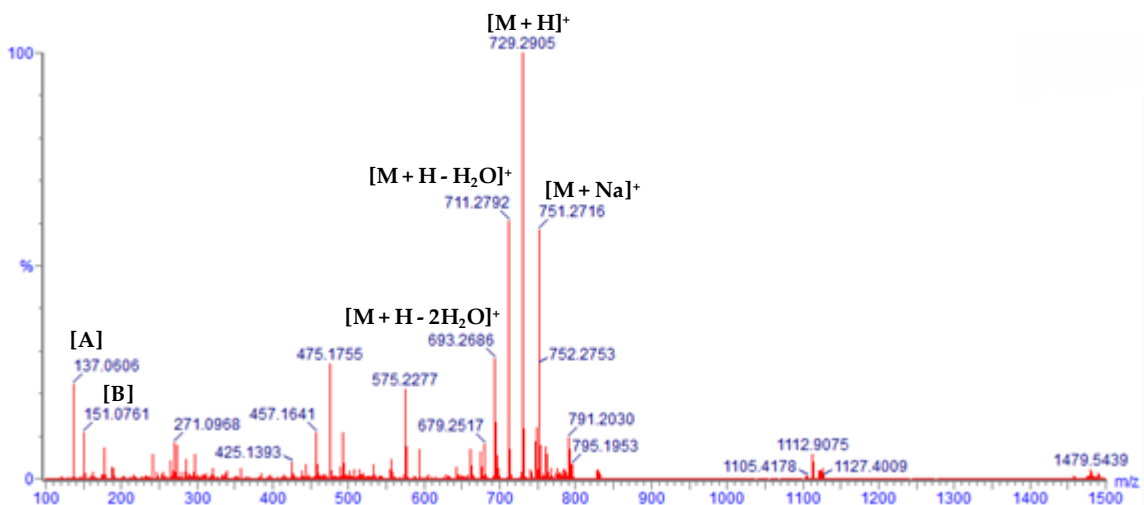


Figure S8. MS/MS spectra in positive mode of viridissimaol A (6)

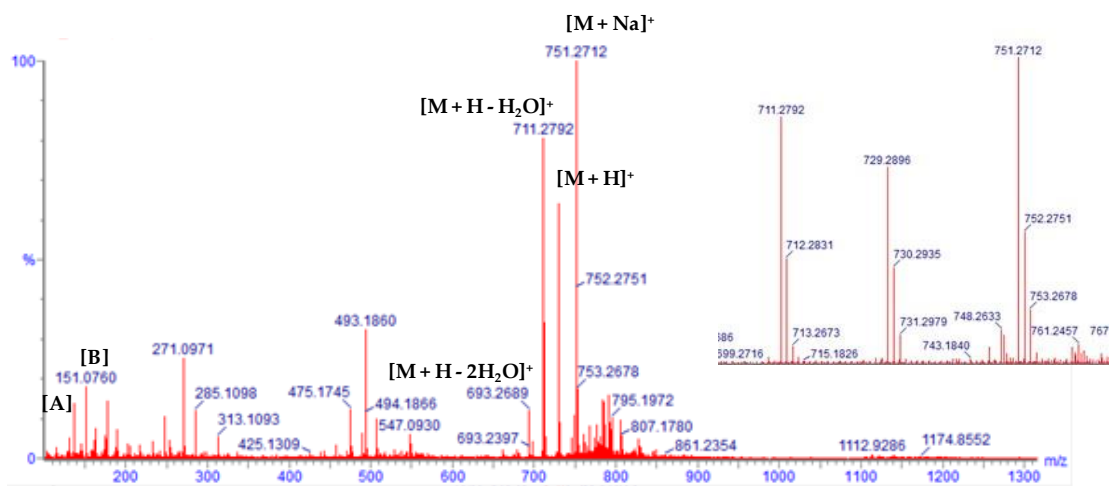


Figure S9. MS/MS spectra in positive mode of viridissimaol B (7)

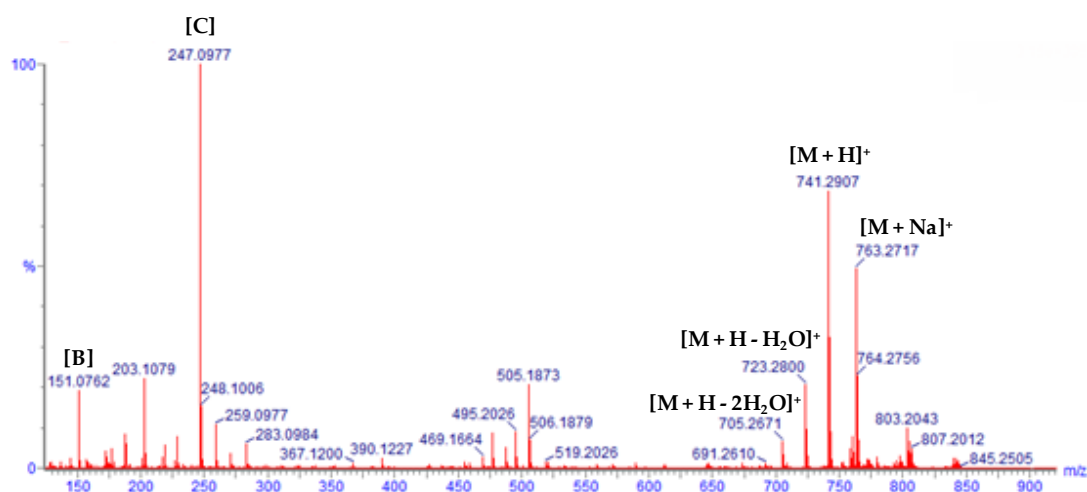


Figure S10. MS/MS spectra in positive mode of viridissimaol E (8)

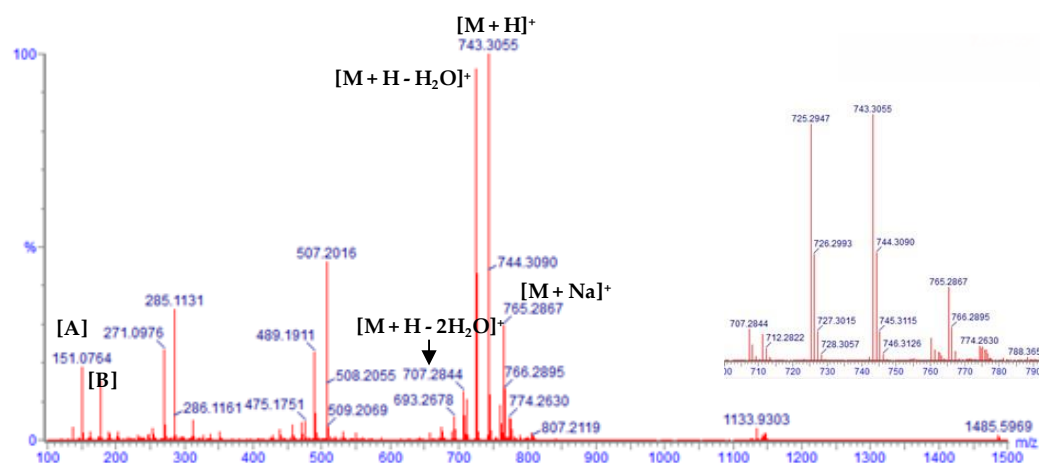


Figure S11. MS/MS spectra in positive mode of diartigenin (9)



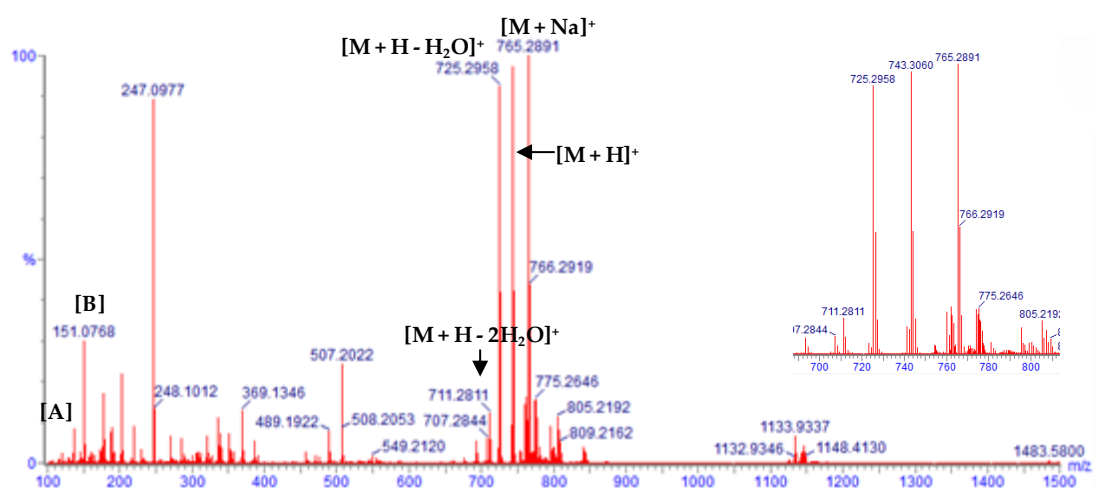


Figure S12. MS/MS spectra in positive mode of conicaol A (10)