Supporting Information

Hypoglycemic Activity from *Origanum vulgare L.* and major chemical constituents identified by HPLC-ESI-QTOF-MS

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Fig. S1 The MS/MS spectrum of amburosides A

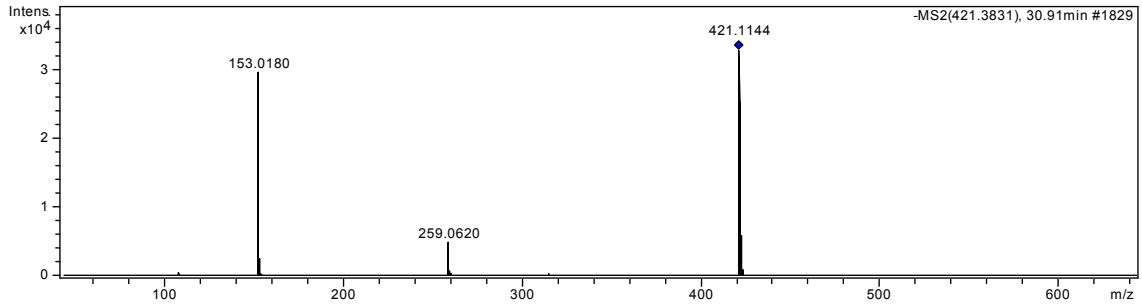


Fig. S2 The proposed fragmentation pathway of amburosides A

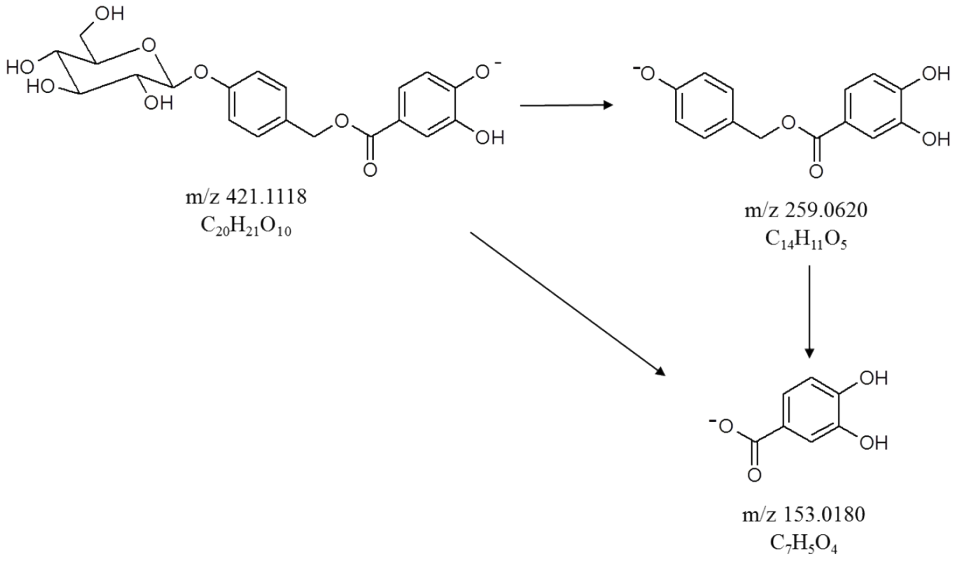


Fig. S3. The MS spectrum of luteolin 7-O-glucuronide

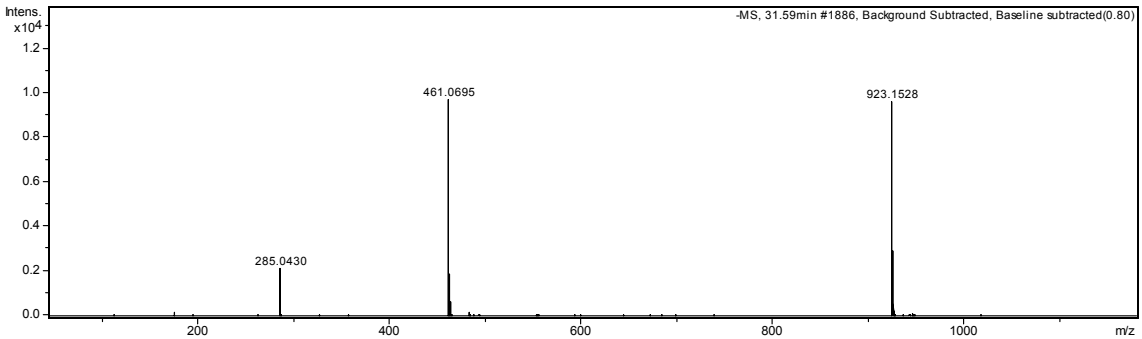
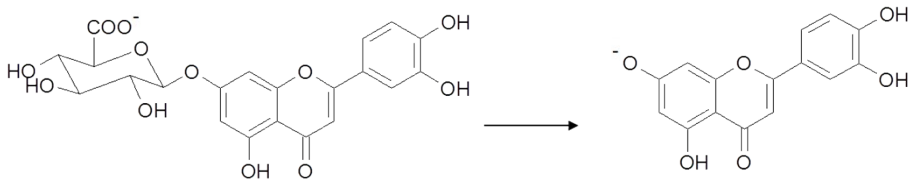


Fig. S4 The proposed fragmentation pathway of luteolin 7-O-glucuronide



m/z 461.0695
$C_{21}H_{17}O_{12}$

m/z 285.0430
$C_{15}H_9O_6$

Fig. S5 The MS/MS spectrum of apigenin 7-O-glucuronide

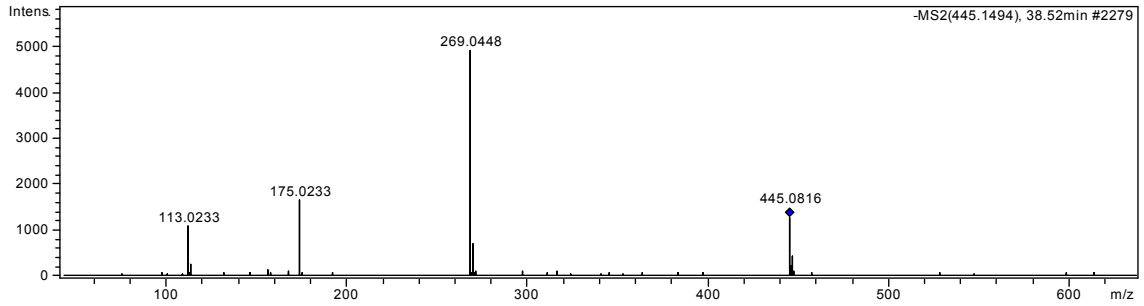
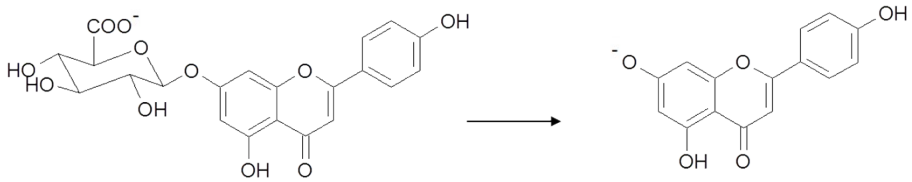


Fig. S6 The proposed fragmentation pathway of apigenin 7-O-glucuronide



m/z 445.0764
$C_{21}H_{17}O_{11}$

m/z 269.0448
$C_{15}H_9O_5$

Fig. S7. The MS spectrum of rosmarinic acid

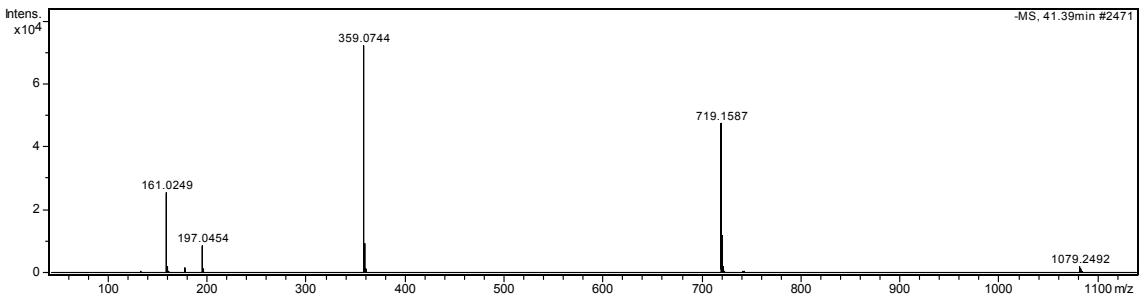


Fig. S8. The proposed fragmentation pathway of rosmarinic acid

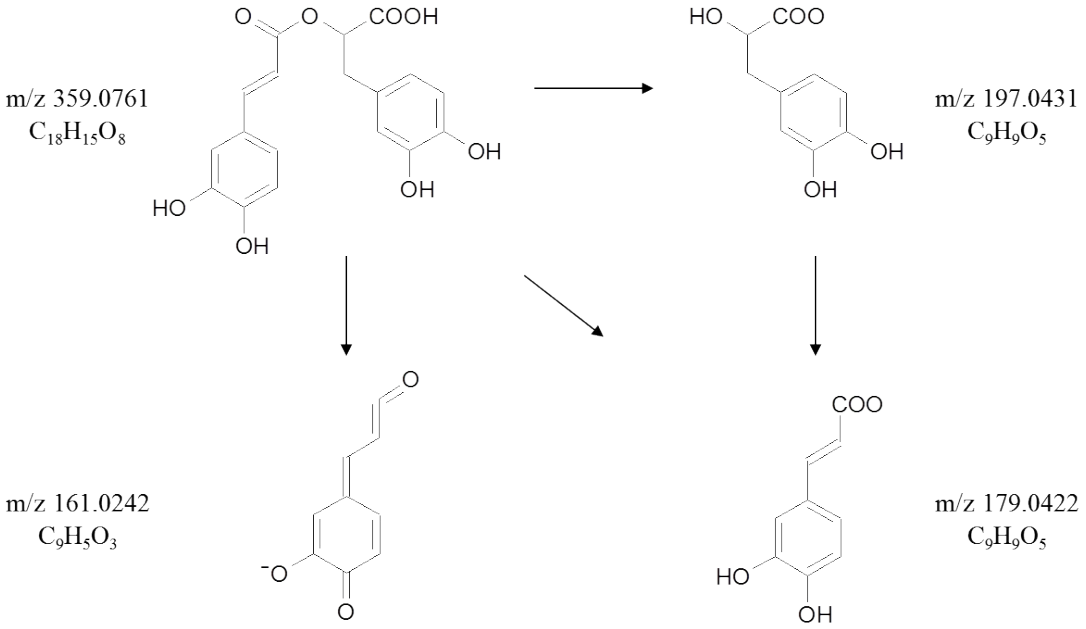


Fig. S9. The MS/MS spectrum of lithospermic acid

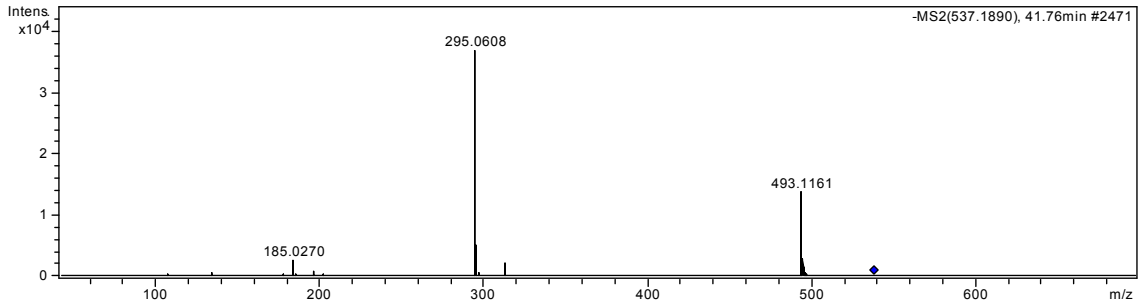


Fig. S10. The proposed fragmentation pathway of lithospermic acid

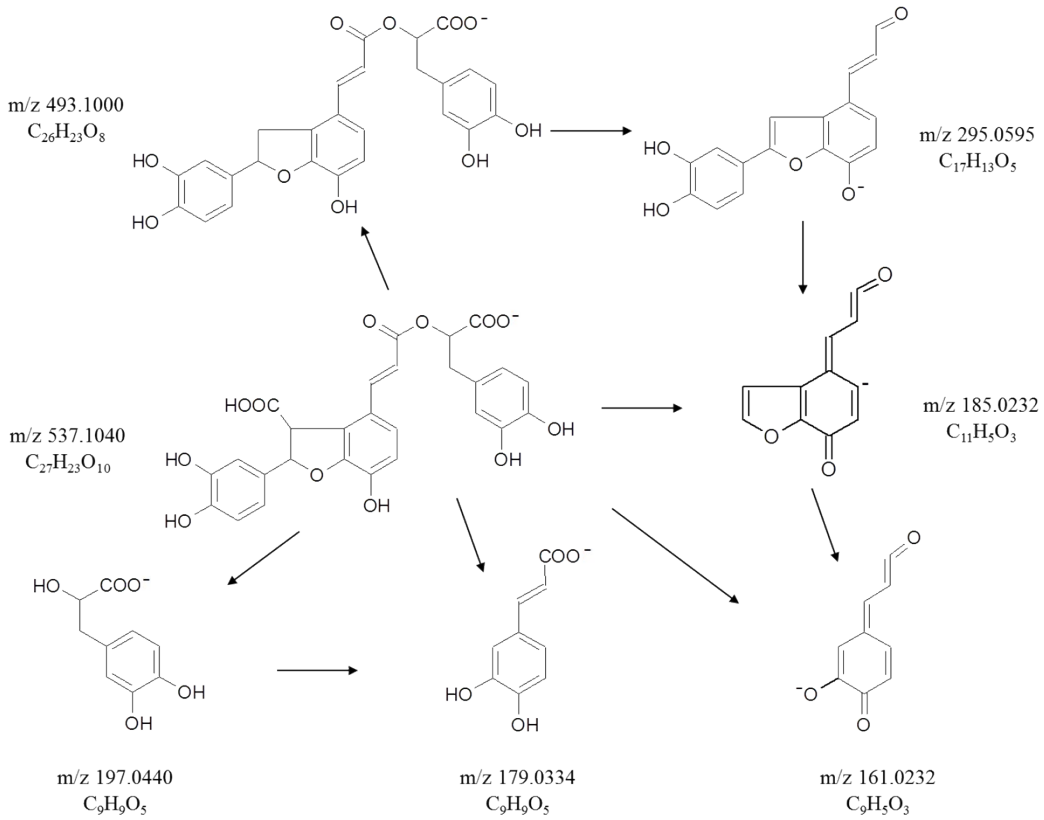


Fig. S11. The MS spectrum of demethylbenzolignanoid

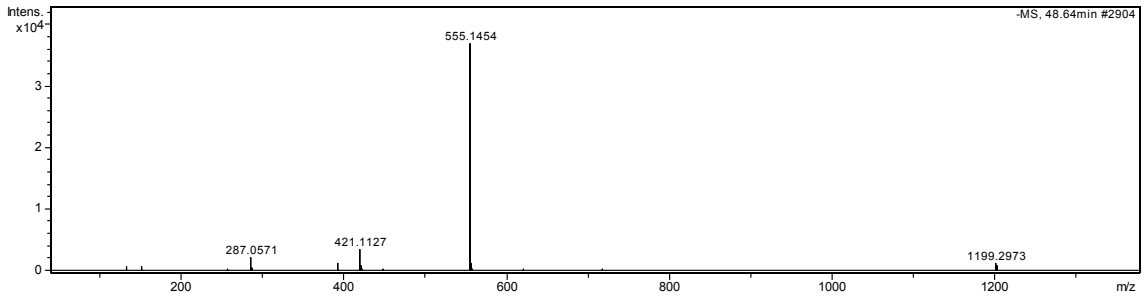


Fig. S12. The proposed fragmentation pathway of demethylbenzolignanoid