

Supplementary file

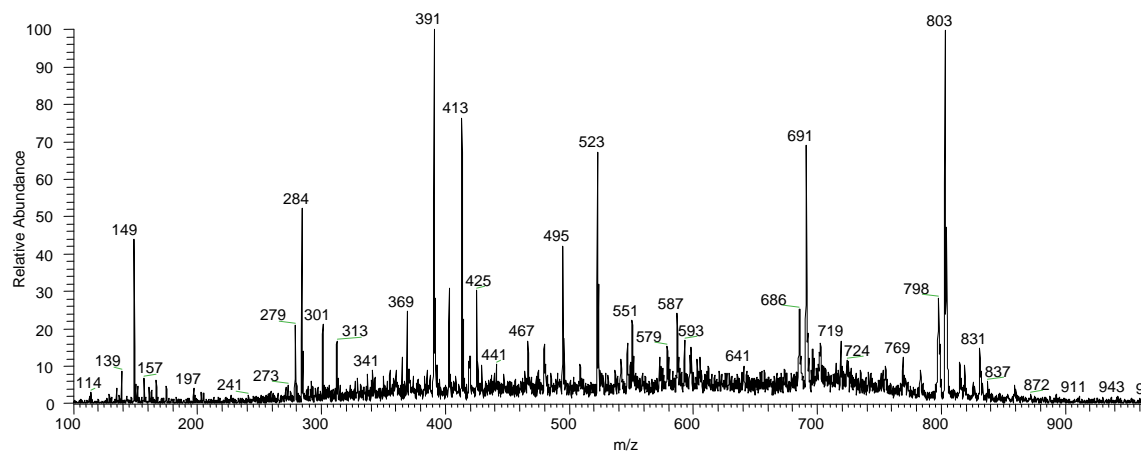
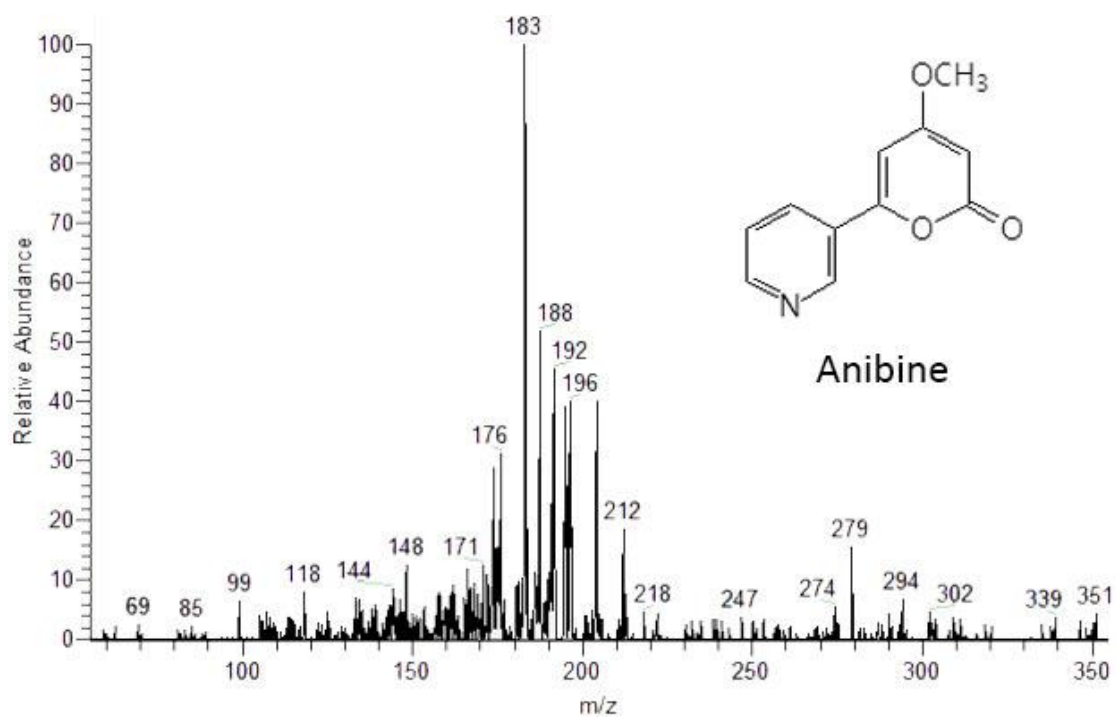
Figure S1. PS(+)MS full scan of ethanol extract from peel of avocado**Figure S2.** Anibine PS(+)MS fragmentation and chemical structure.

Figure S3. Duckeine PS(+)MS fragmentation and chemical structure.

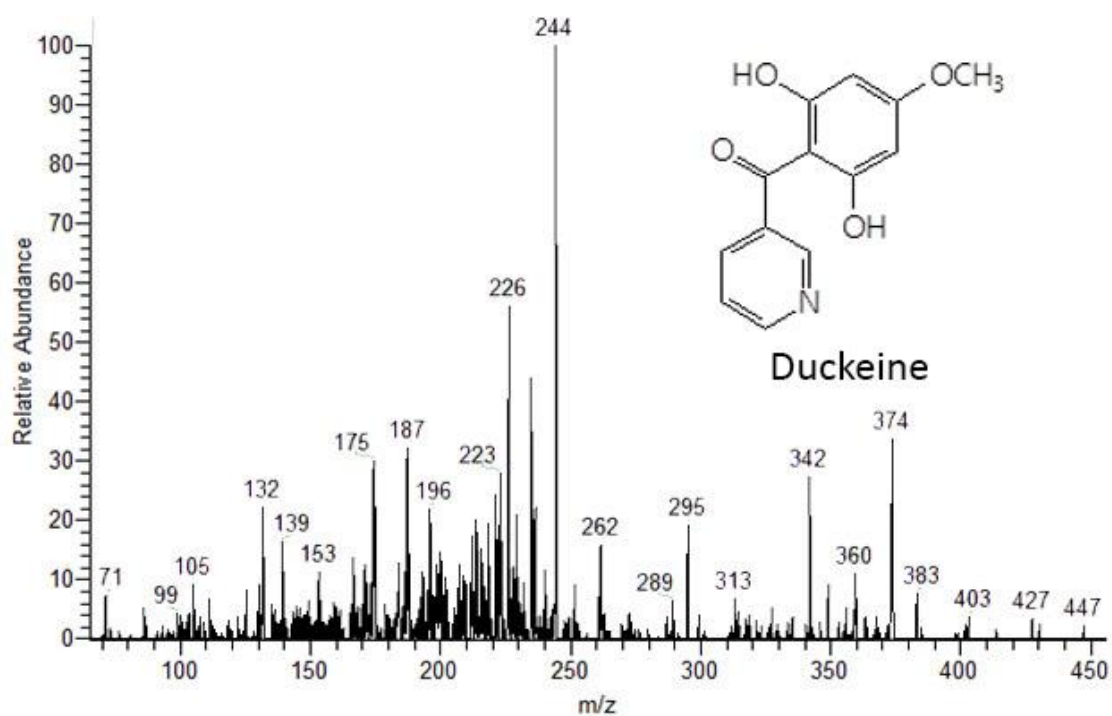


Figure S4. Riparin I PS(+)MS fragmentation and chemical structure.

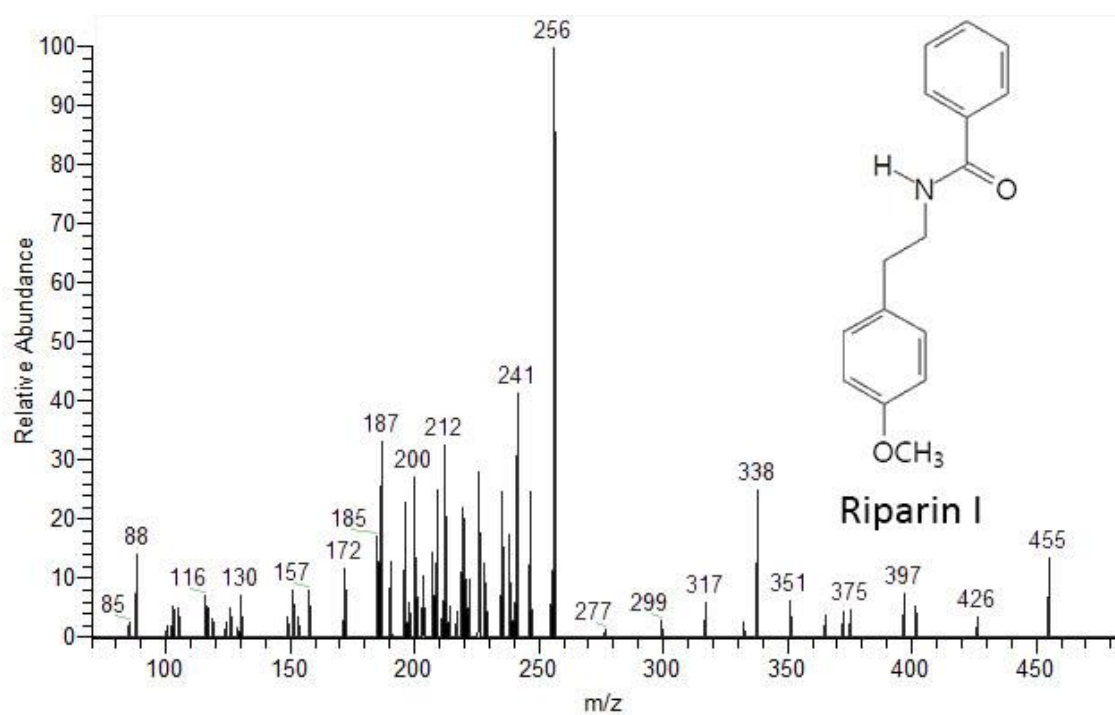


Figure S5. Norcanelilline PS(+)MS fragmentation and chemical structure.

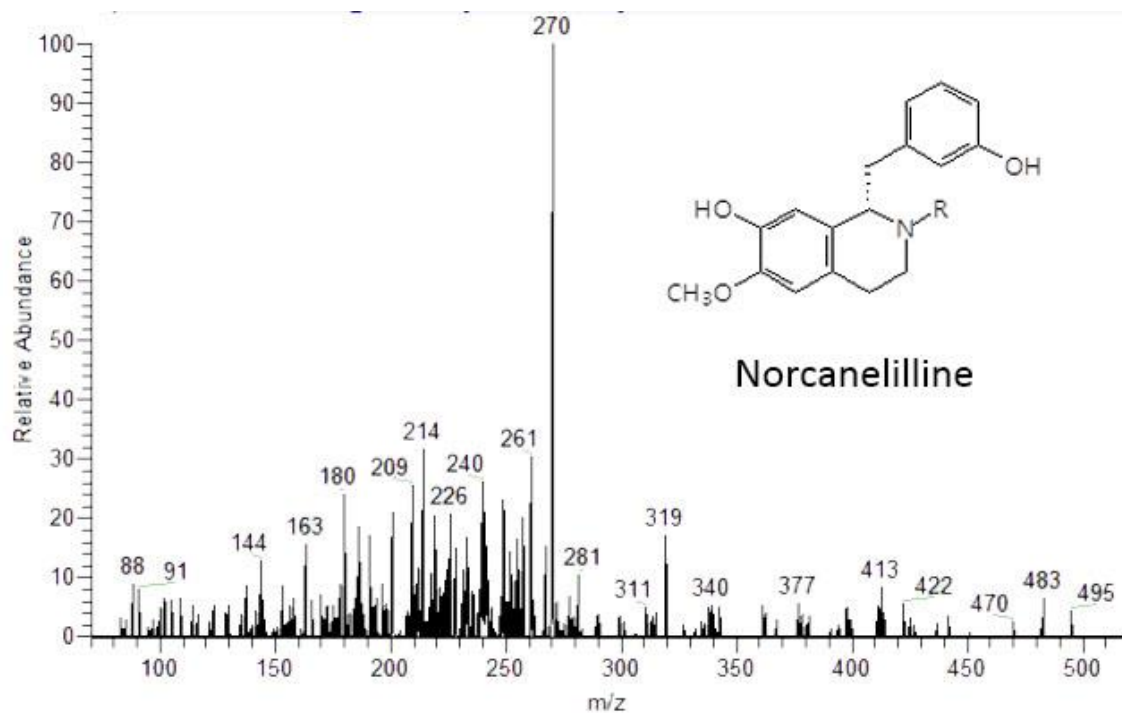


Figure S6. Riparin II PS(+)MS fragmentation and chemical structure.

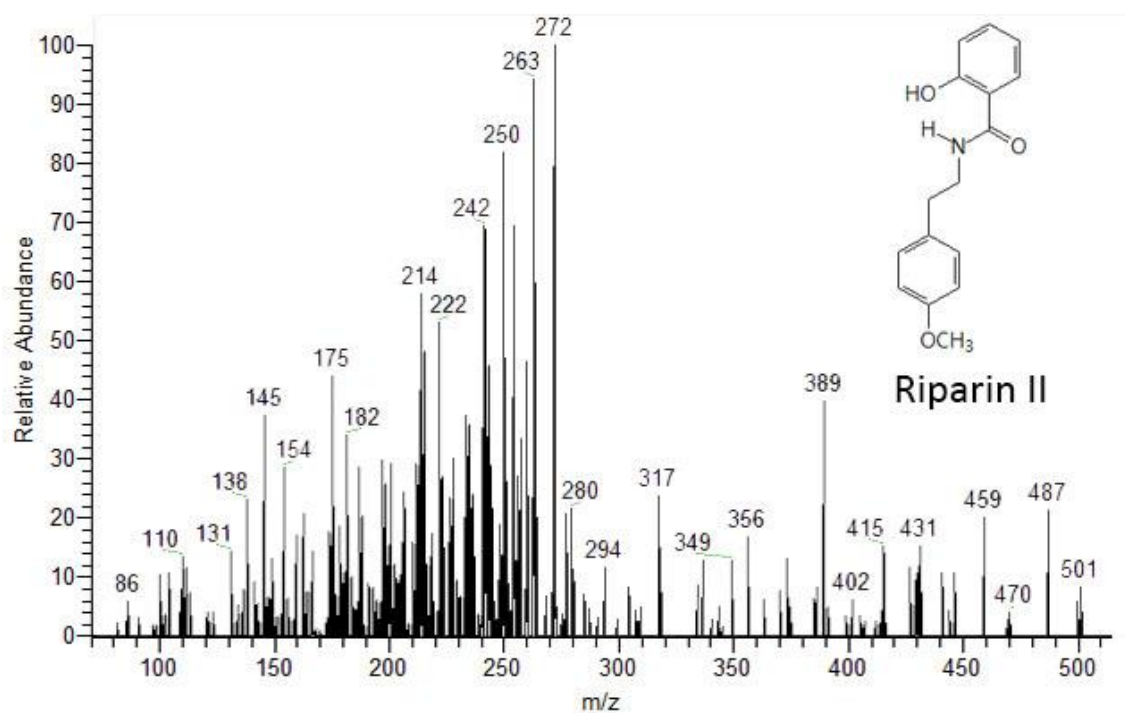


Figure S7. Anicanine PS(+)MS fragmentation and chemical structure.

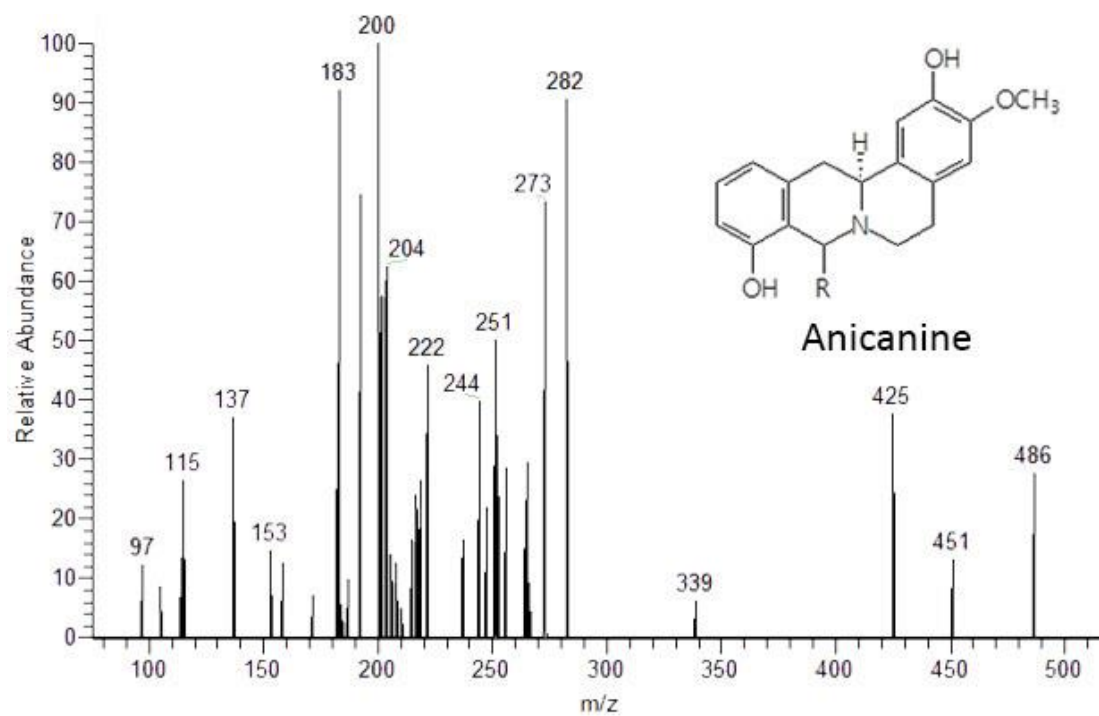


Figure S8. Riparin III PS(+)MS fragmentation and chemical structure.

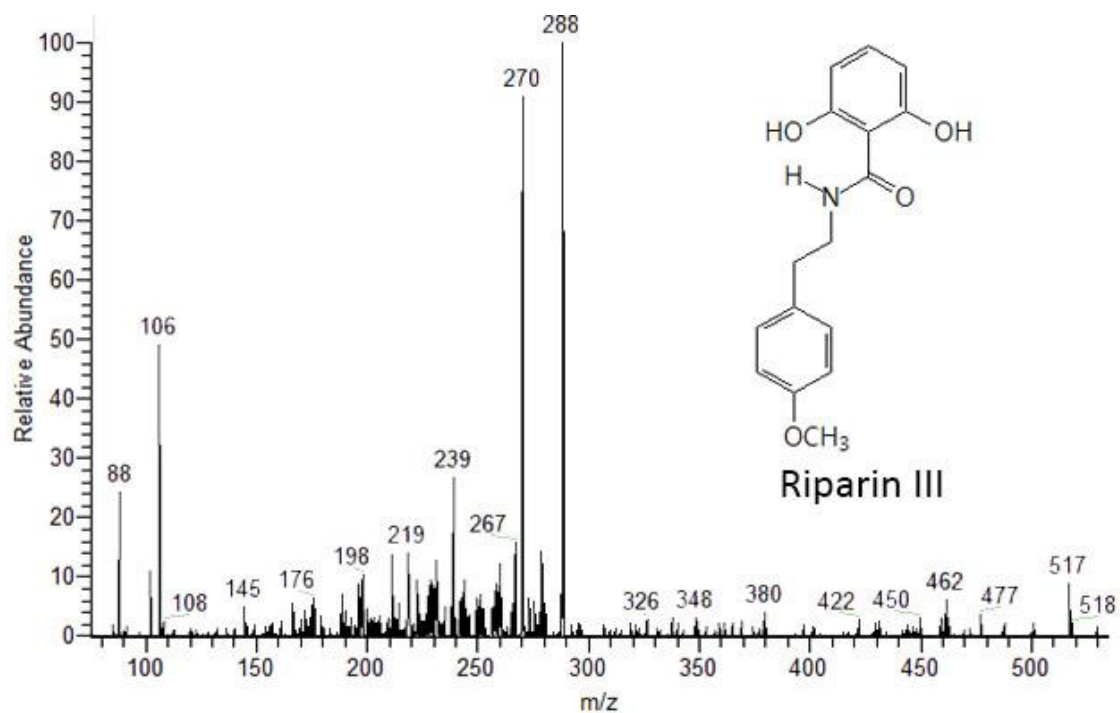


Figure S9. (-)- α -methylpseudoanibacanine PS(+)MS fragmentation and chemical structure.

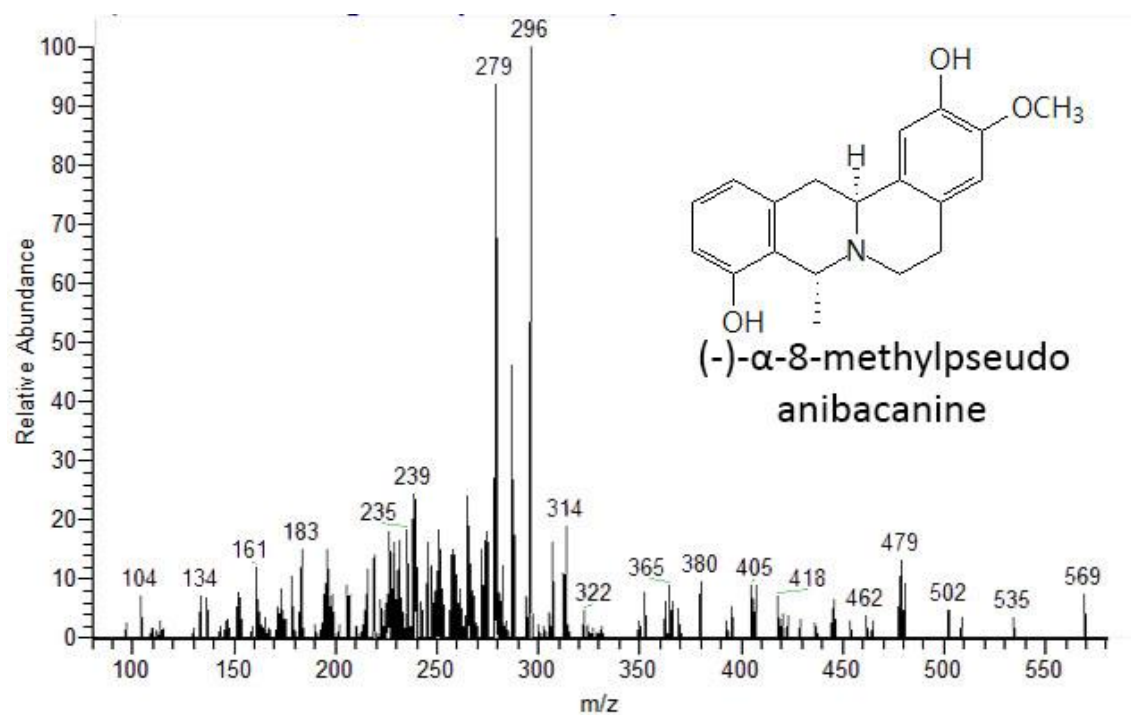


Figure S10. N- methylcoclaurine PS(+)MS fragmentation and chemical structure.

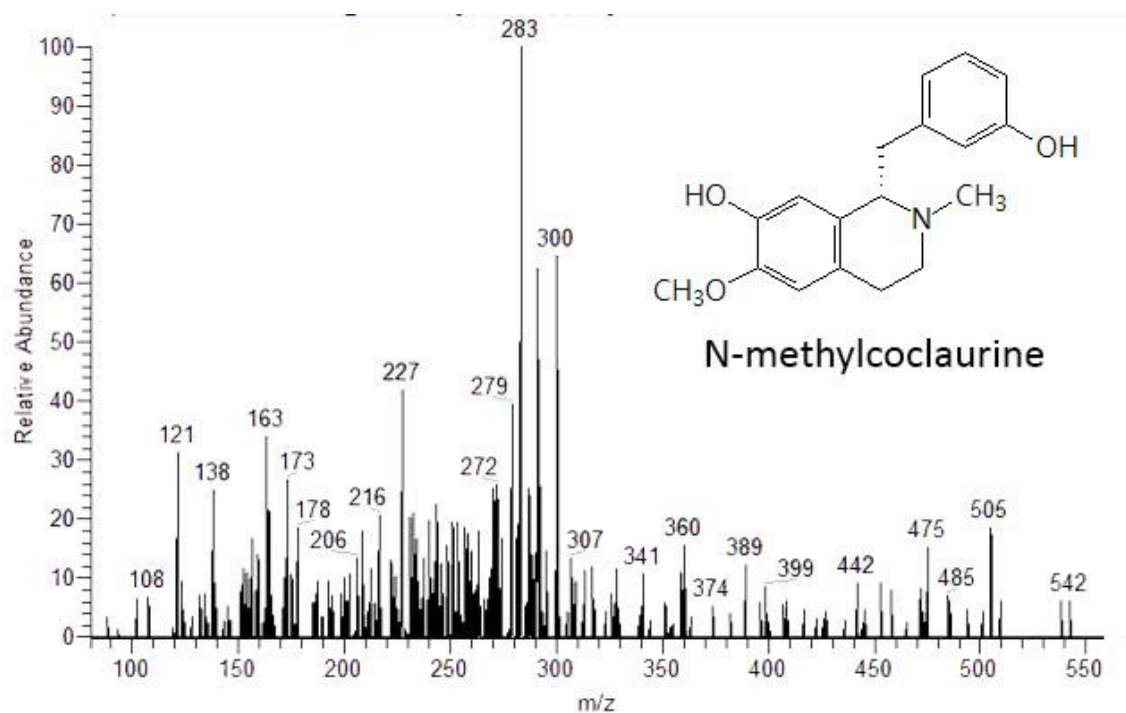


Figure S11. Ceceline PS(+)MS fragmentation and chemical structure.

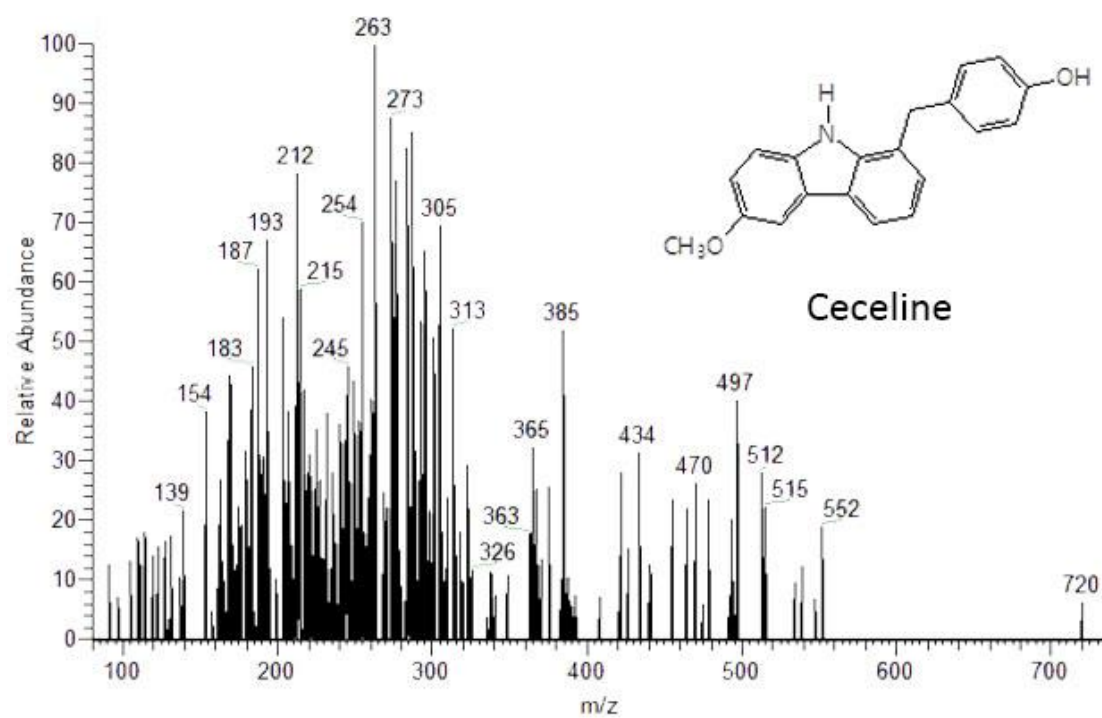


Figure S12. (+)-manibacanine PS(+)MS fragmentation and chemical structure.

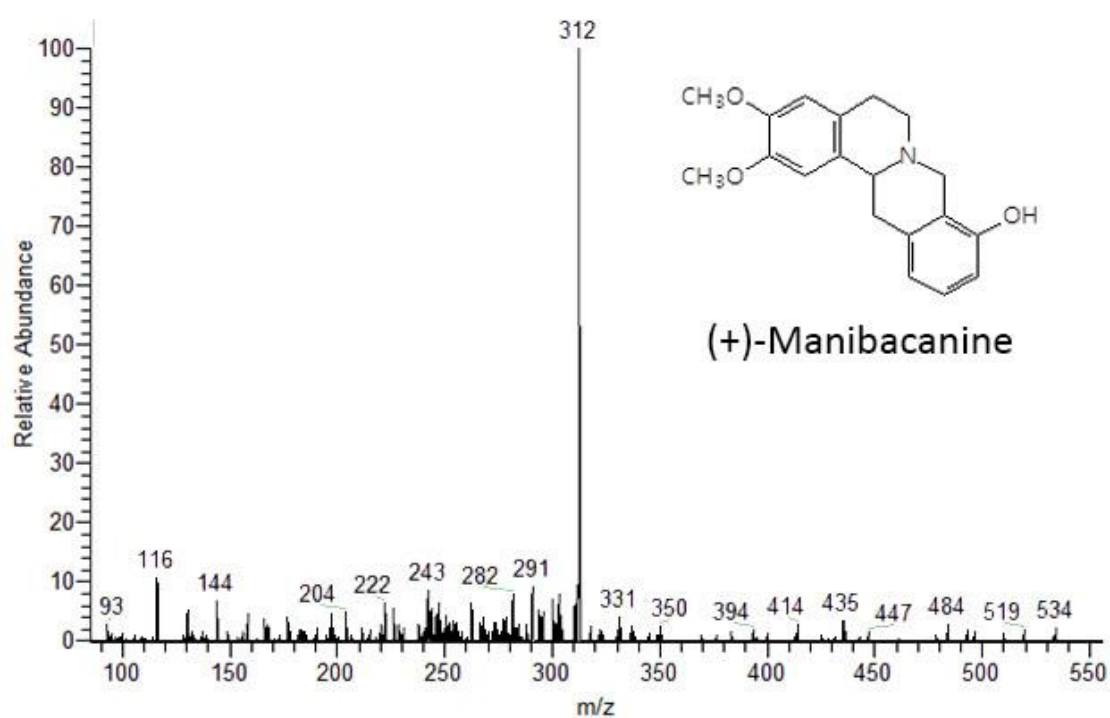


Figure S13. Cassythicine PS(+)MS fragmentation and chemical structure.

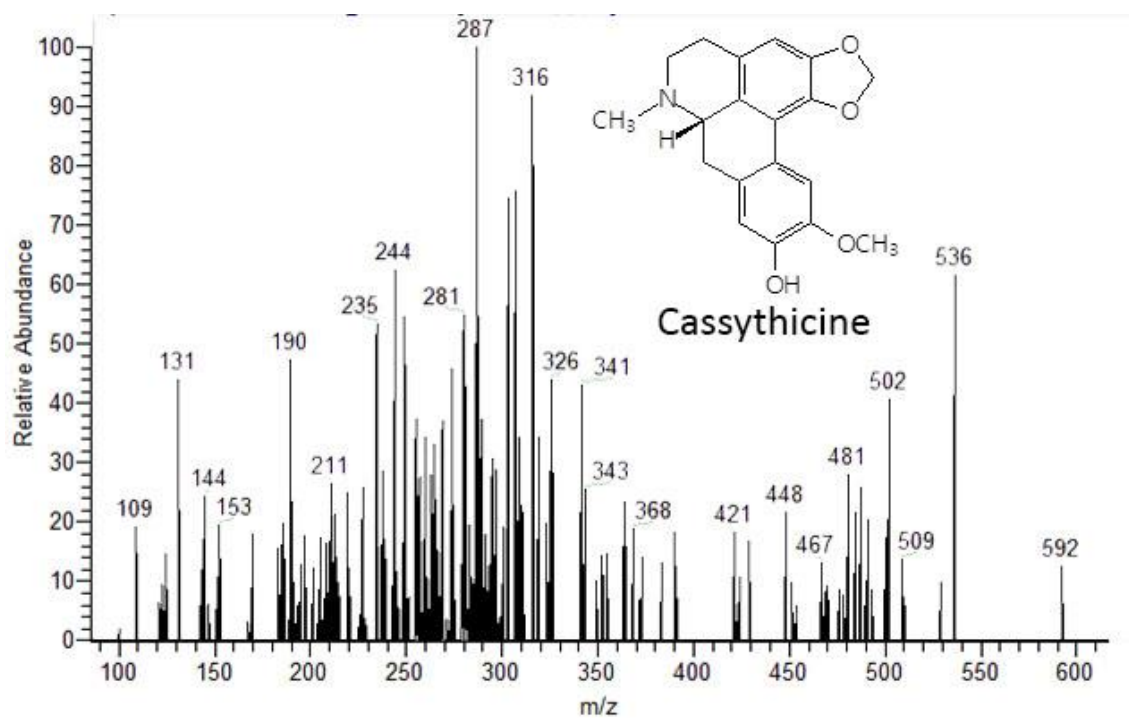


Figure S14. Isoboldine PS(+)MS fragmentation and chemical structure.

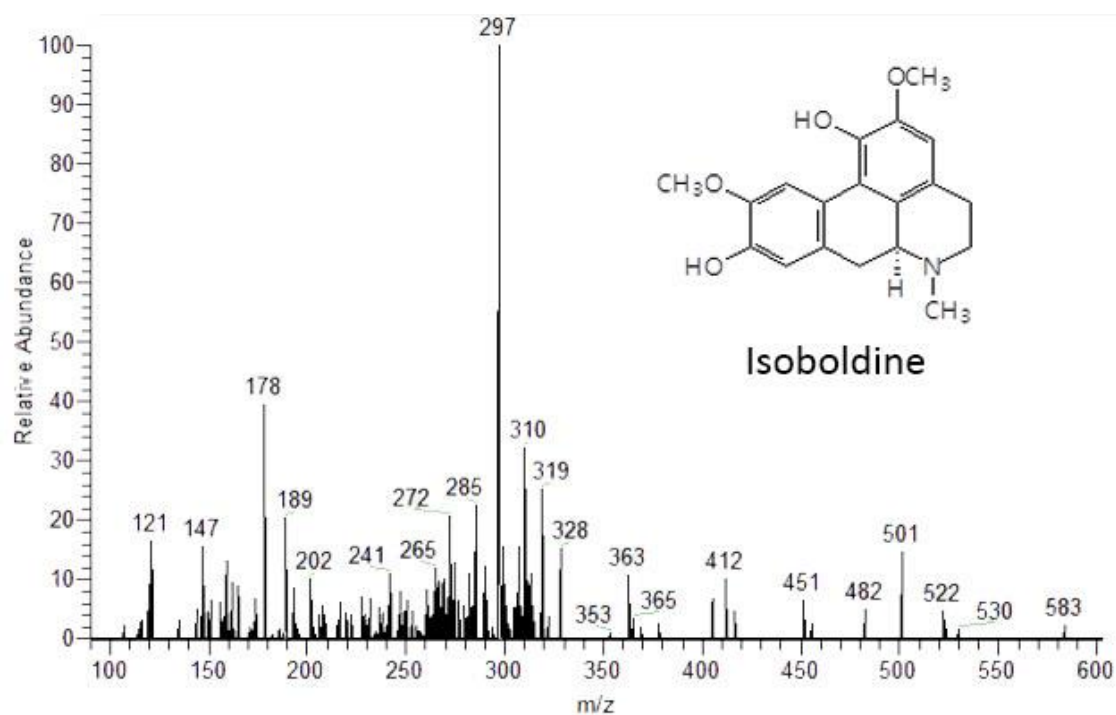


Figure S15. Reticuline PS(+)-MS fragmentation and chemical structure.

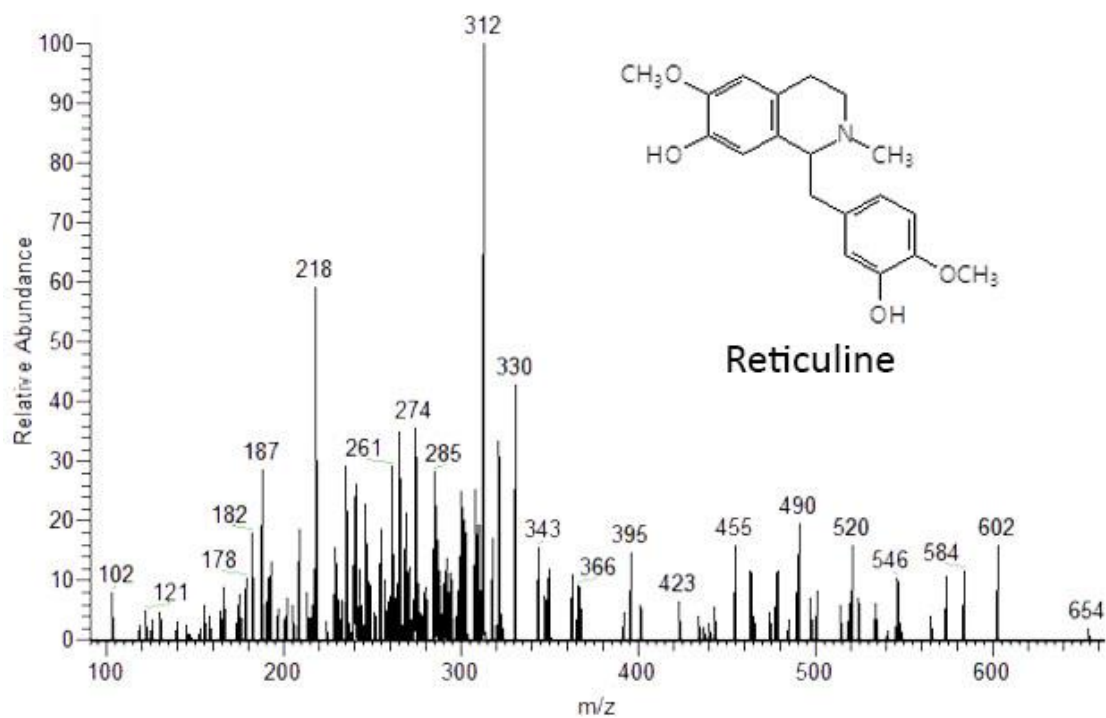


Figure S16. Anibamine PS(+)-MS fragmentation and chemical structure.

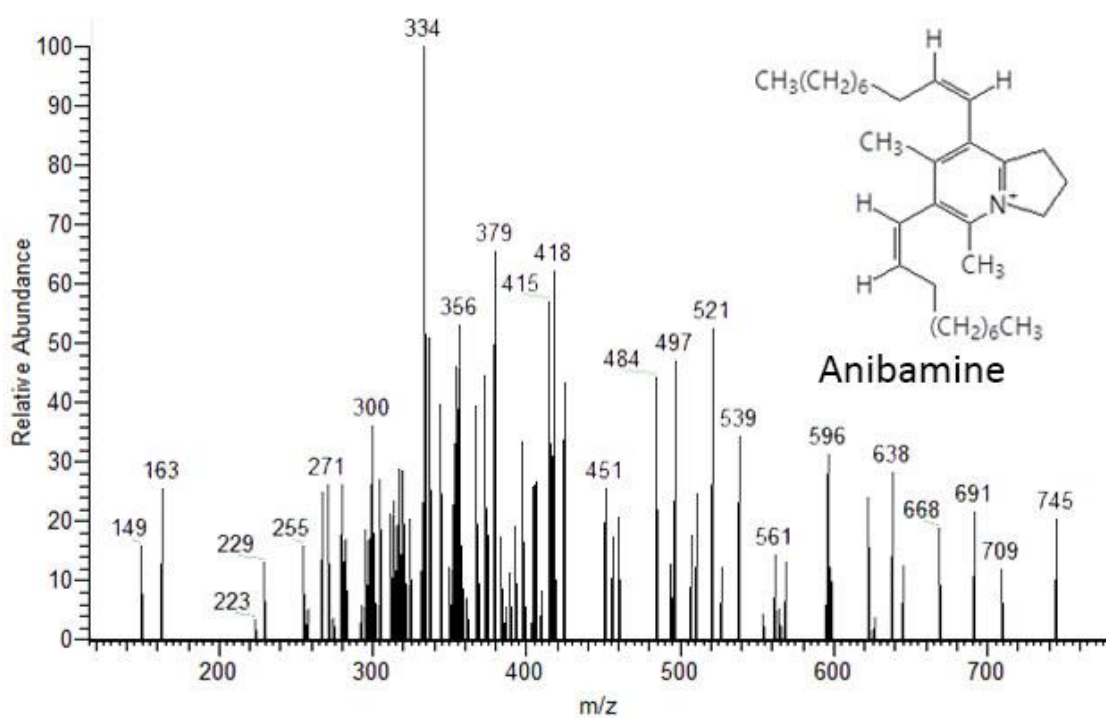


Figure S17. PS(+)MS full scan of ethanol extract from peel of avocado

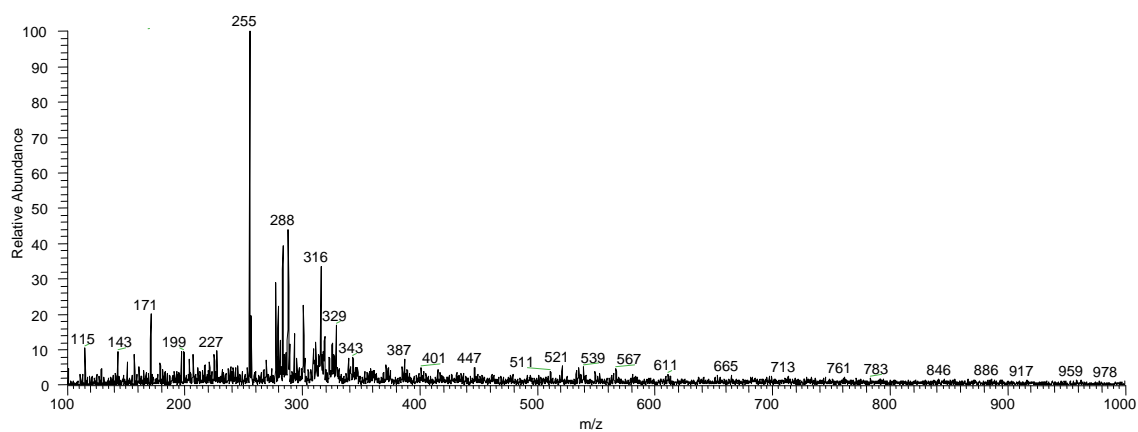


Figure S18. Vanillin PS(-)MS fragmentation and chemical structure.

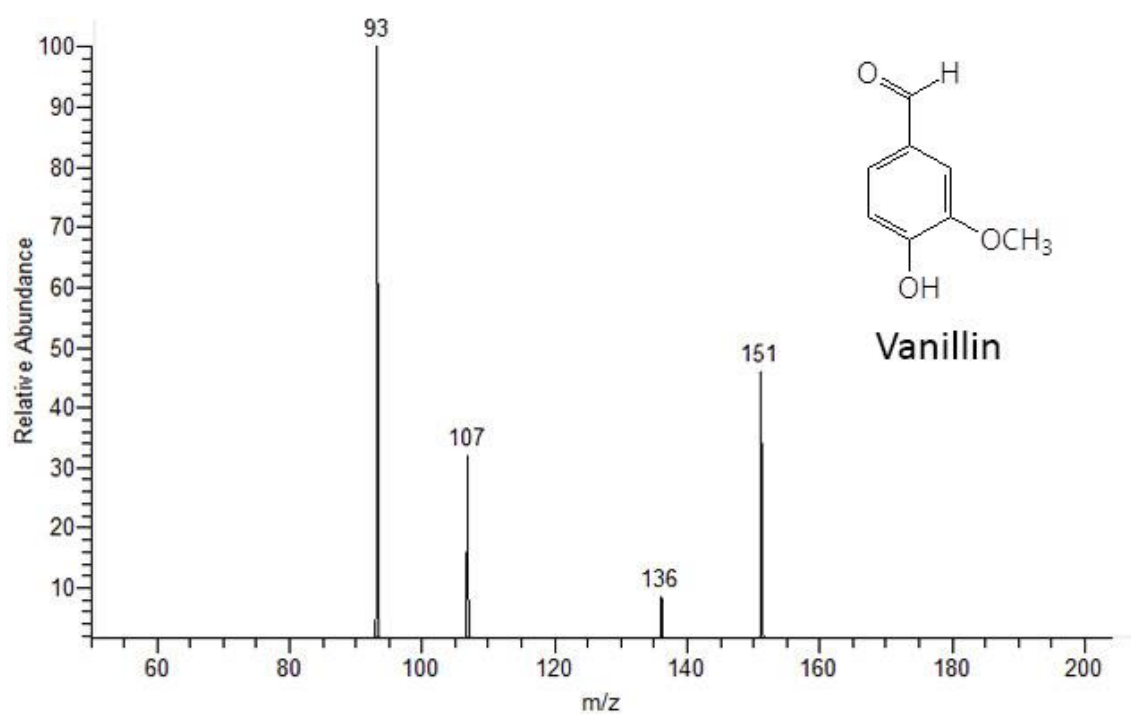


Figure S19. Caffeic acid PS(-)MS fragmentation and chemical structure.

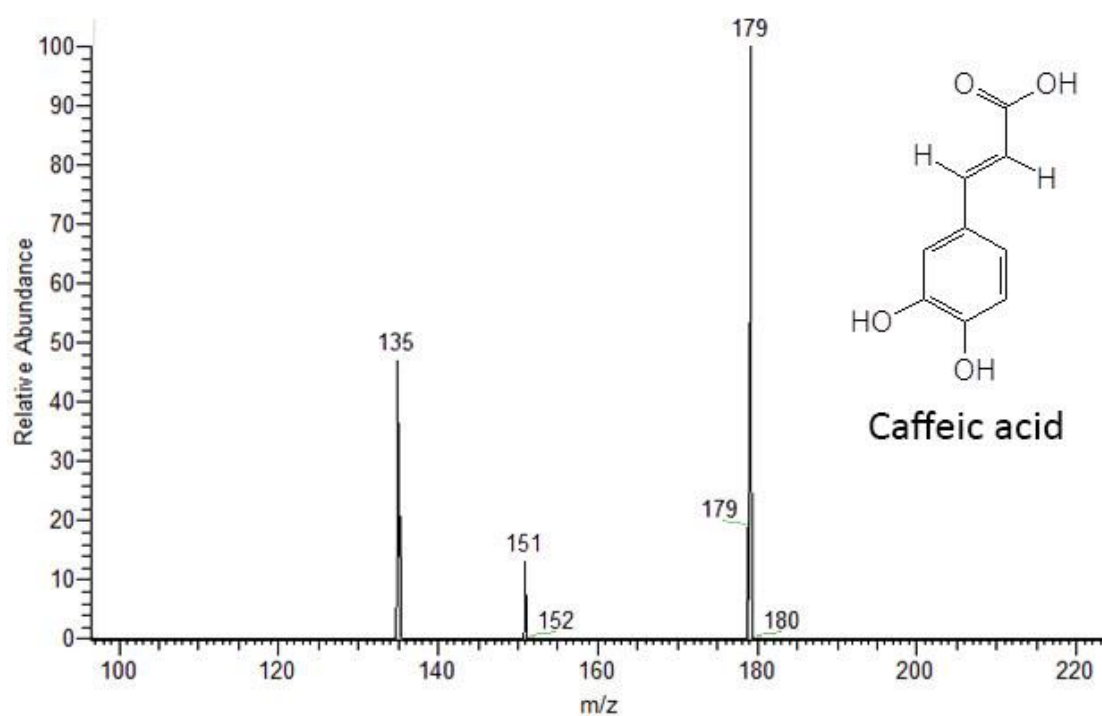


Figure S20. Quinic acid PS(-)MS fragmentation and chemical structure.

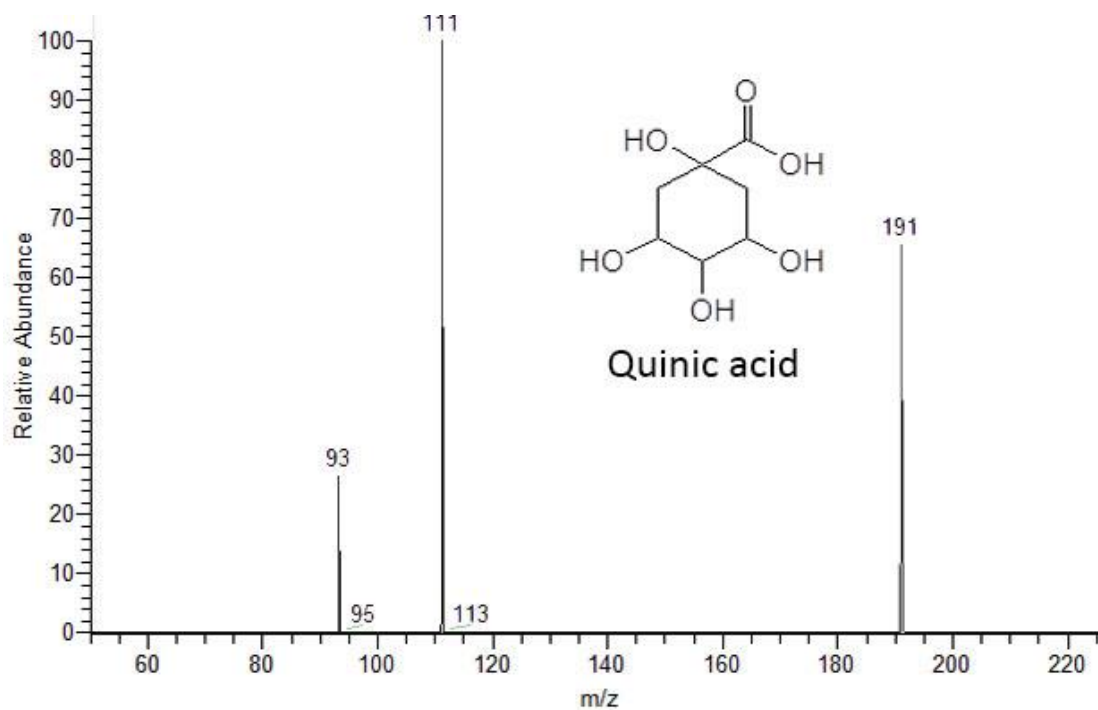


Figure S21. Syringic acid PS(-)MS fragmentation and chemical structure.

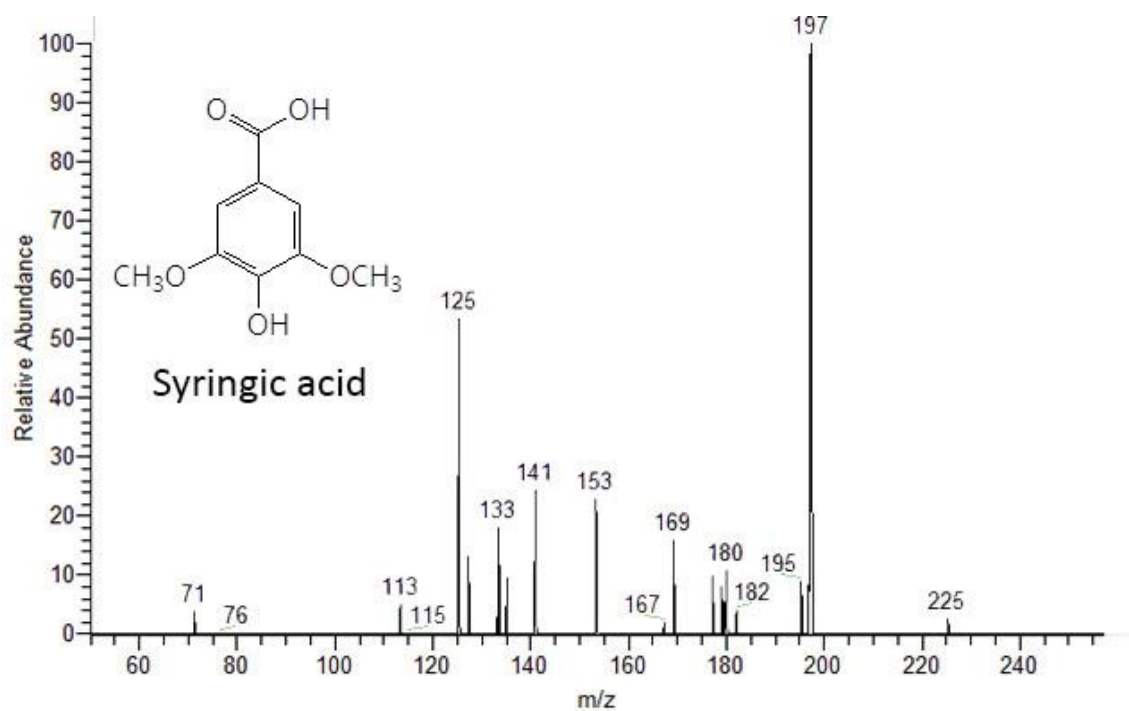


Figure S22. 5-hydroxyferulic acid PS(-)MS fragmentation and chemical structure.

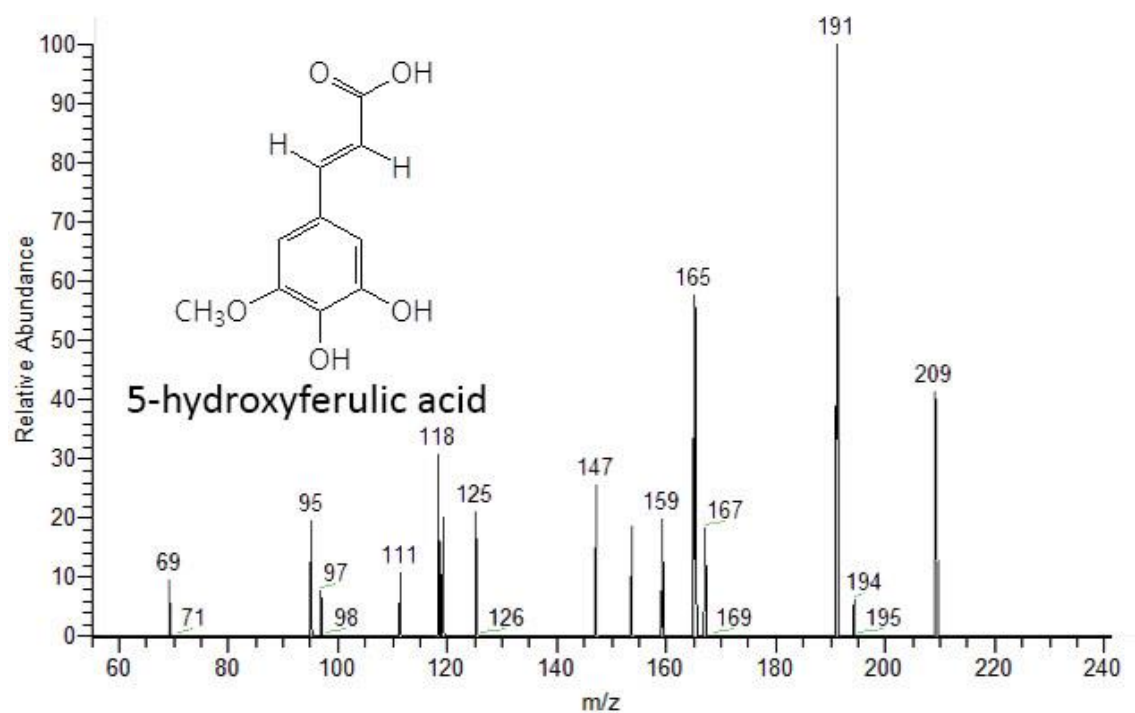


Figure S23. Sinapic acid PS(-)MS fragmentation and chemical structure.

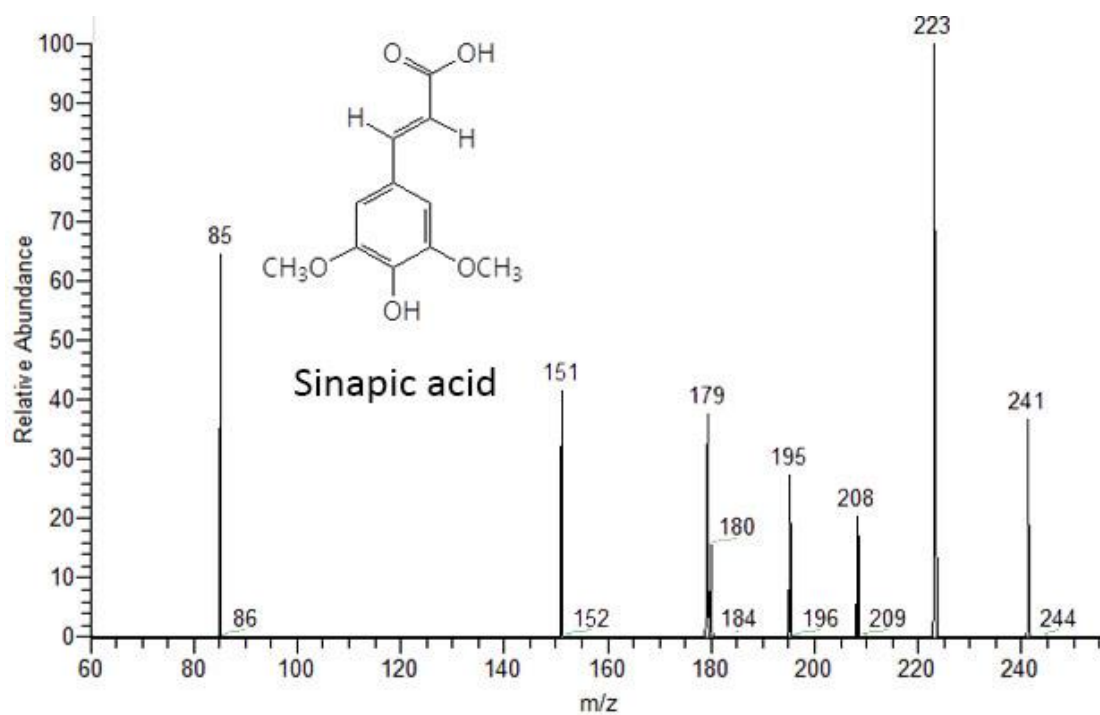


Figure S24. Apigenin PS(-)MS fragmentation and chemical structure.

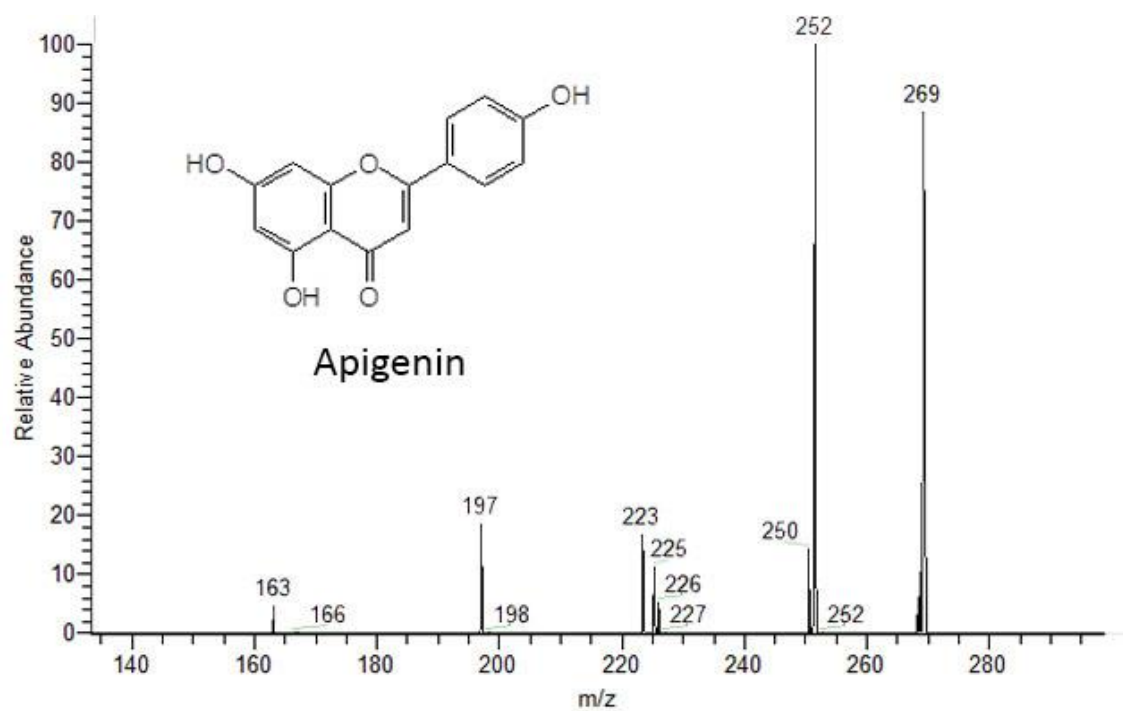


Figure S25. Kaempferol PS(-)MS fragmentation and chemical structure.

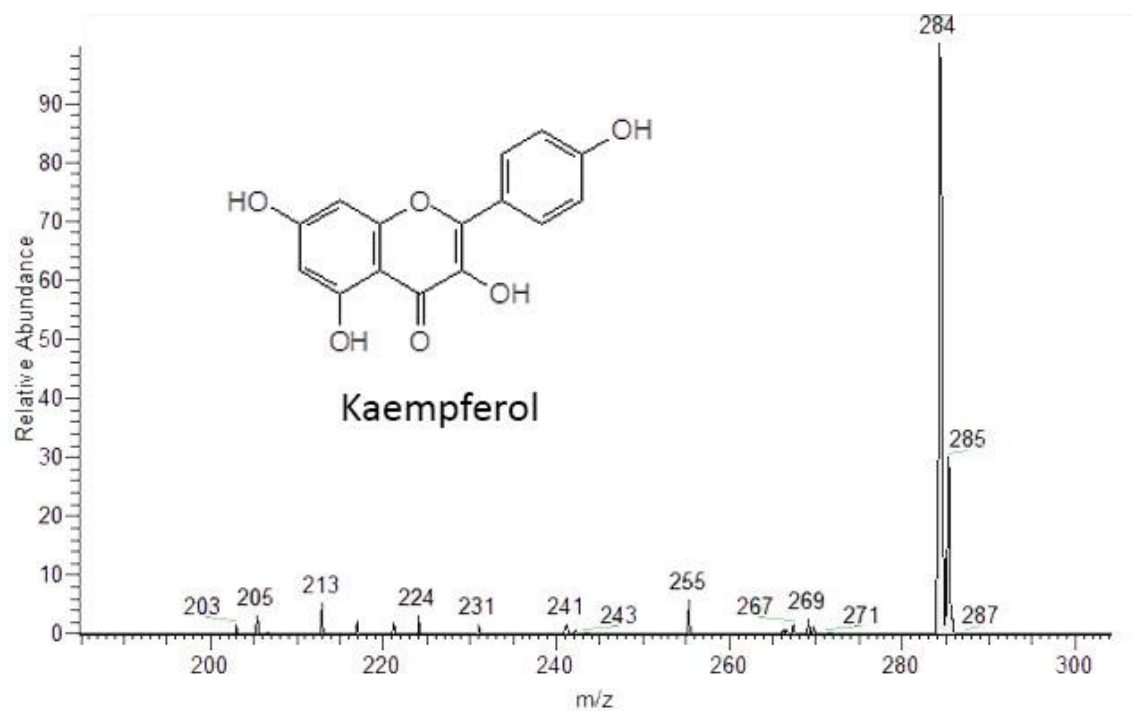


Figure S26. Catechin PS(-)MS fragmentation and chemical structure.

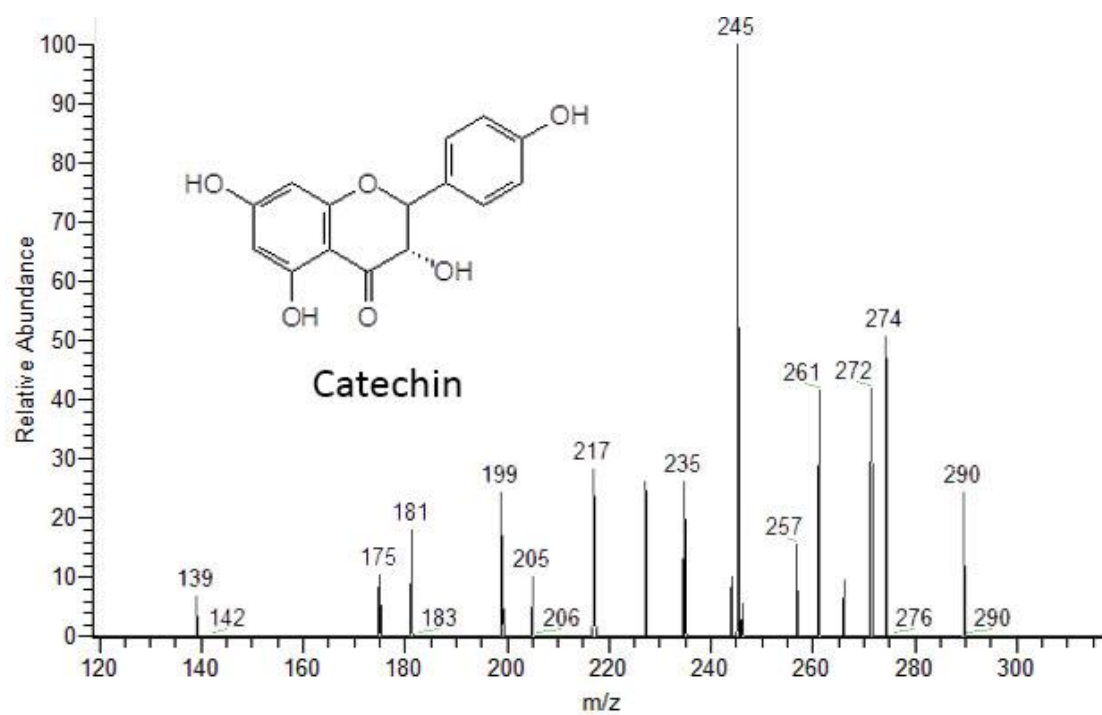


Figure S27. Quercetin PS(-)MS fragmentation and chemical structure.

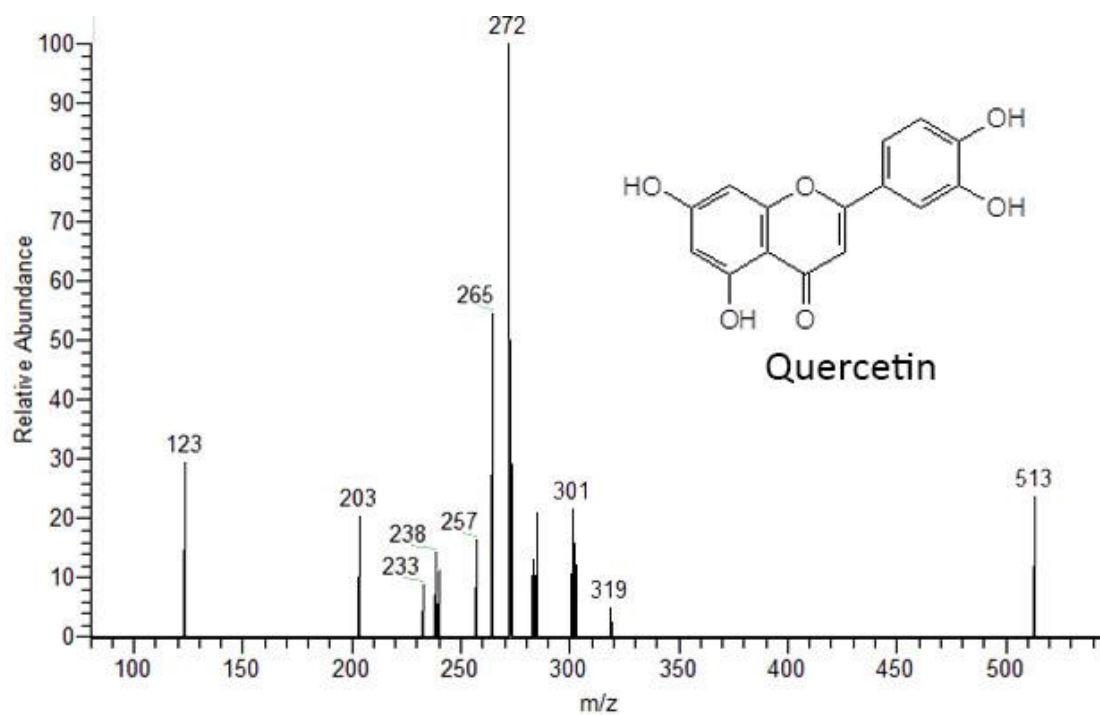


Figure S28. Hydroxytyrosol glucoside PS(-)MS fragmentation and chemical structure.

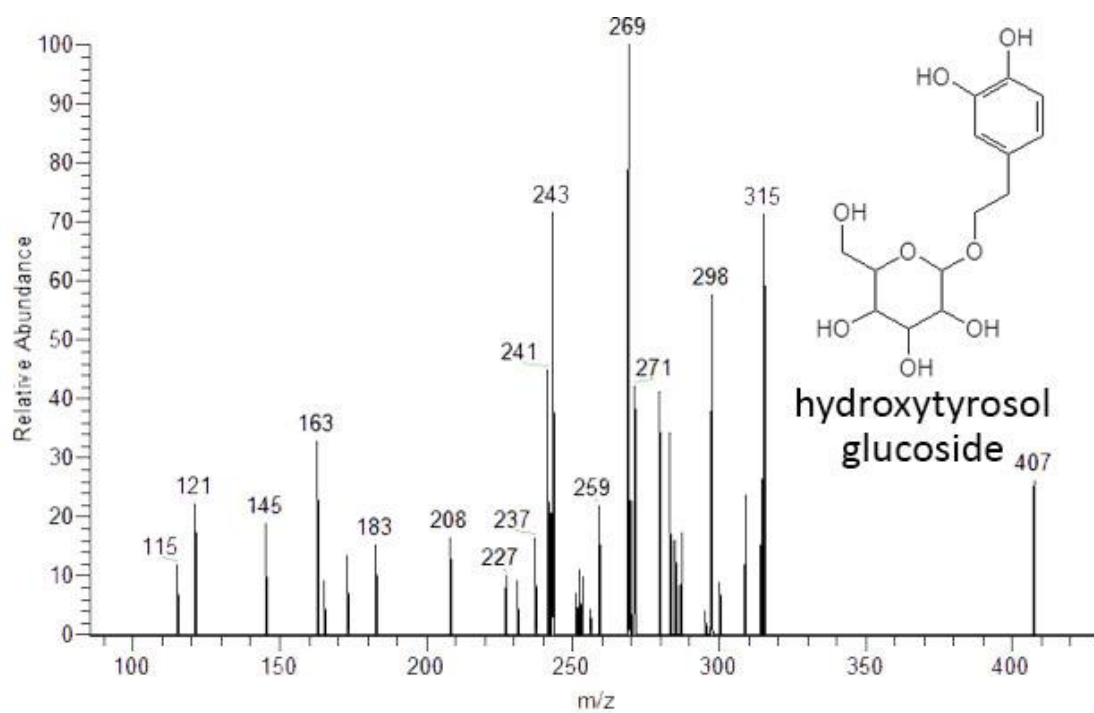


Figure S29. p-Coumaroyl hexose PS(-)MS fragmentation and chemical structure.

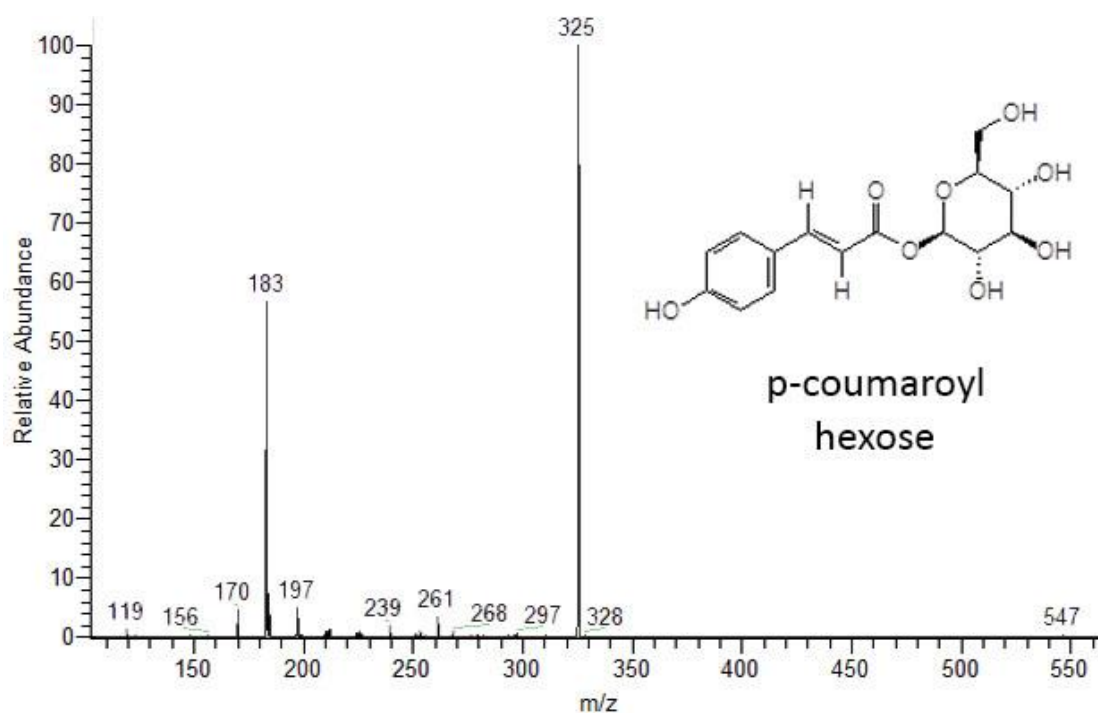


Figure S30. 3-O-p-coumaroylquinic acid PS(-)MS fragmentation and chemical structure.

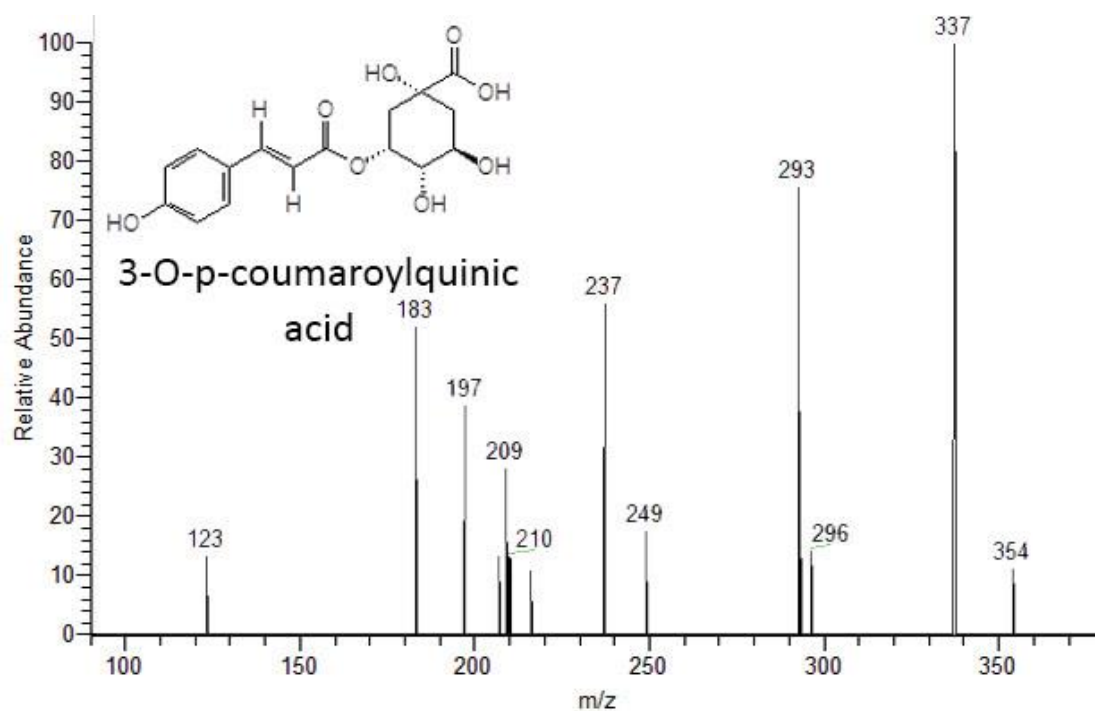


Figure S31. Caffeic acid hexoside PS(-)MS fragmentation and chemical structure.

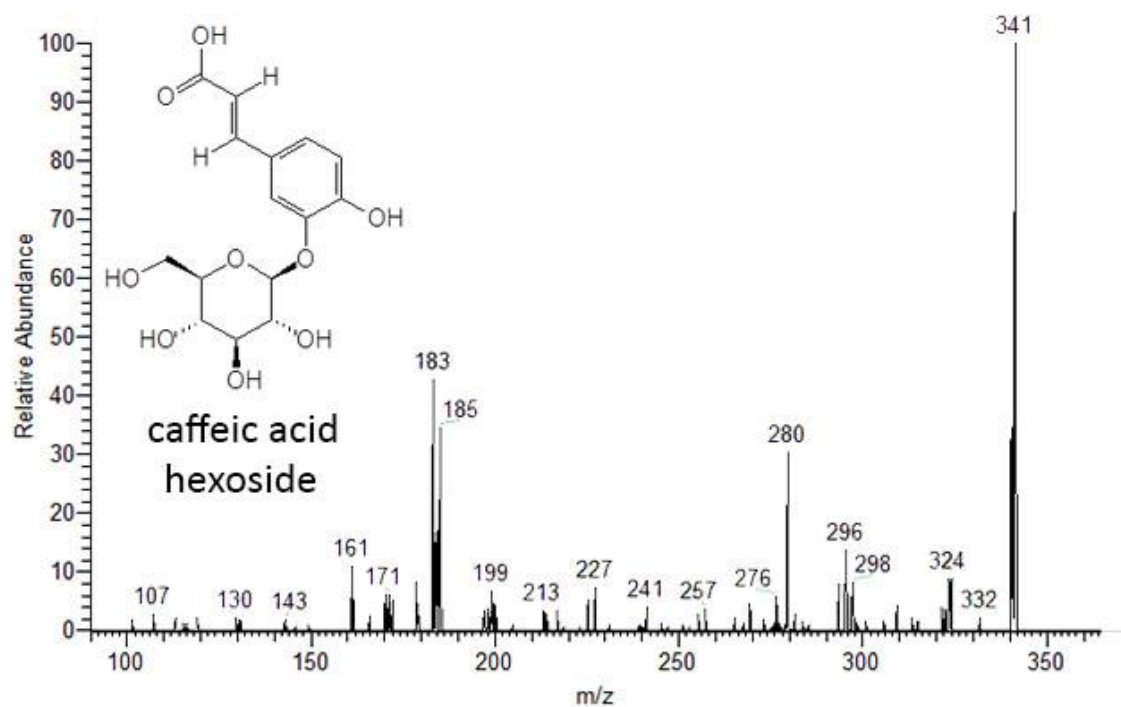


Figure S32. 5-O-caffeoylquinic acid PS(-)MS fragmentation and chemical structure.

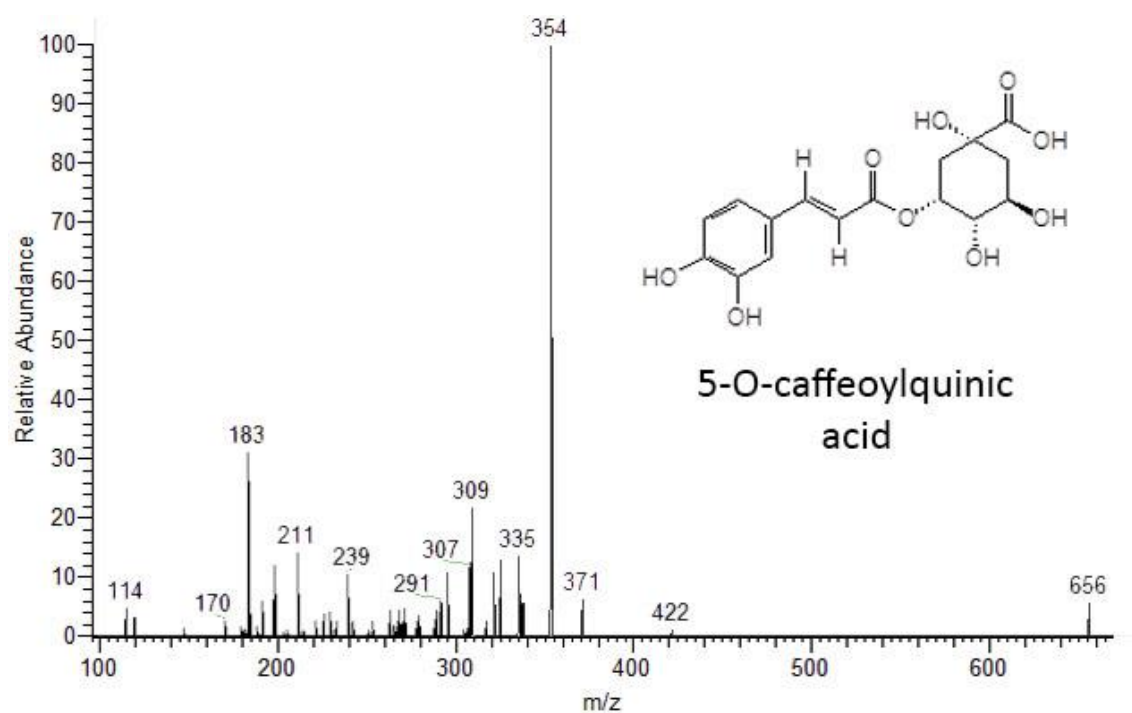


Figure S33. Kaempferol-O-pentoside PS(-)MS fragmentation and chemical structure.

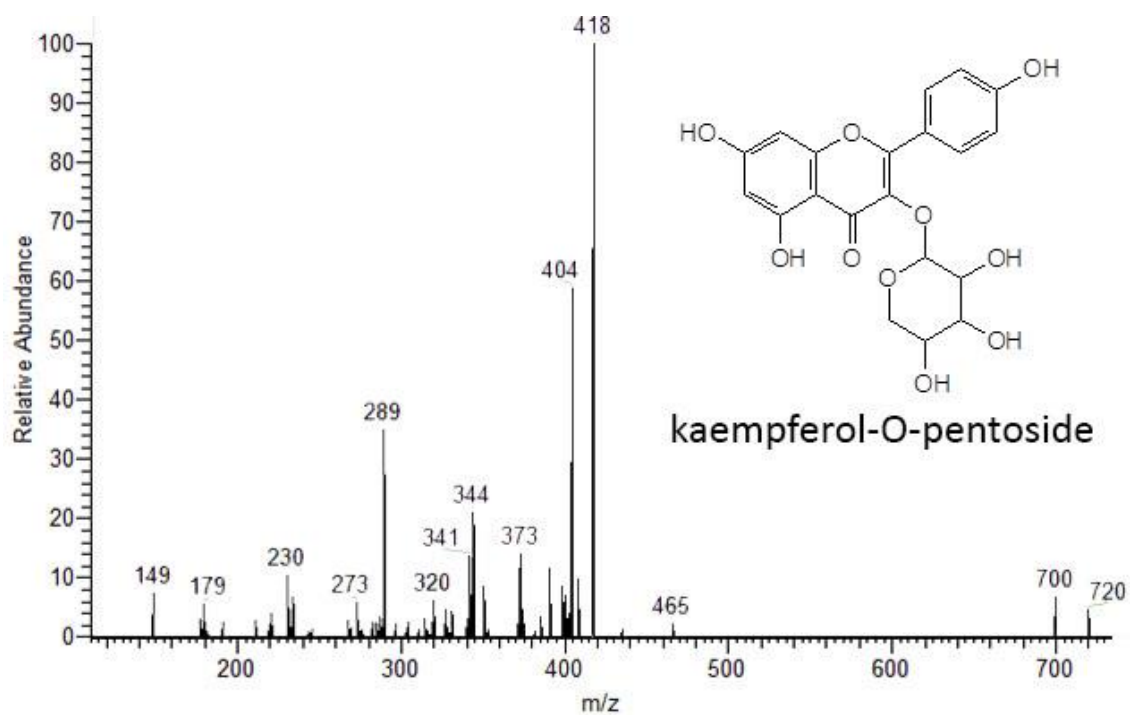


Figure S34. Cyanidin-3-O-arabinoside PS(-)MS fragmentation and chemical structure.

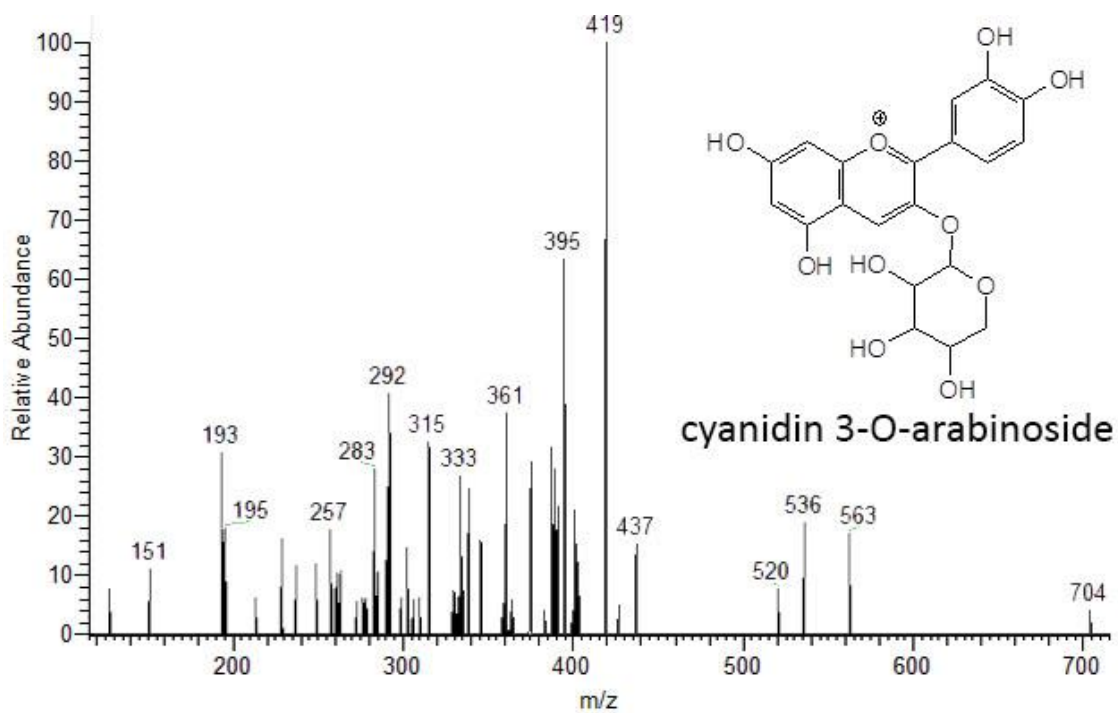


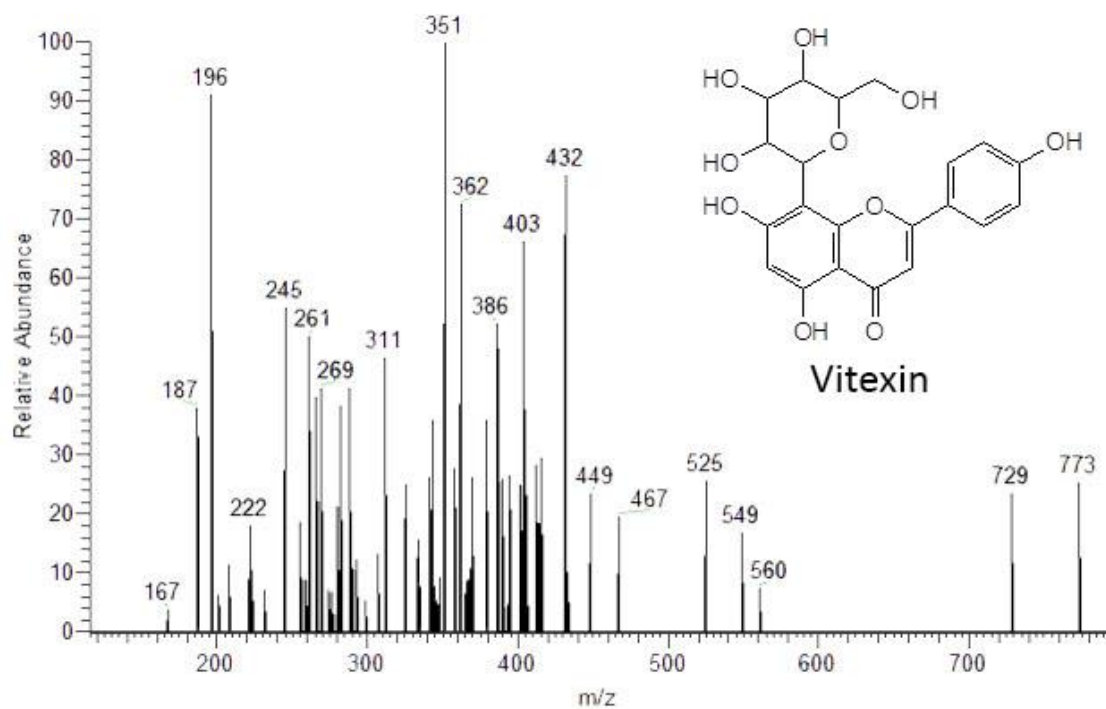
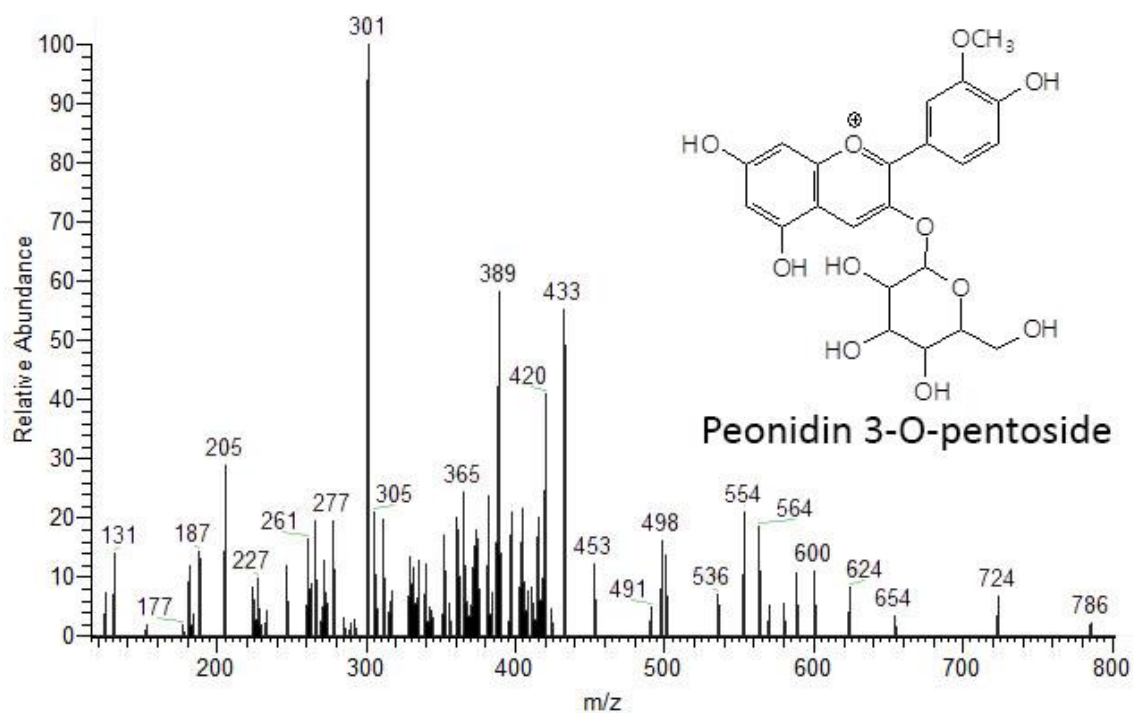
Figure S35. Vitexin PS(-)MS fragmentation and chemical structure.**Figure S36.** Peonidin-3-O-pentoside PS(-)MS fragmentation and chemical structure.

Figure S37. Phloridzin PS(-)MS fragmentation and chemical structure.

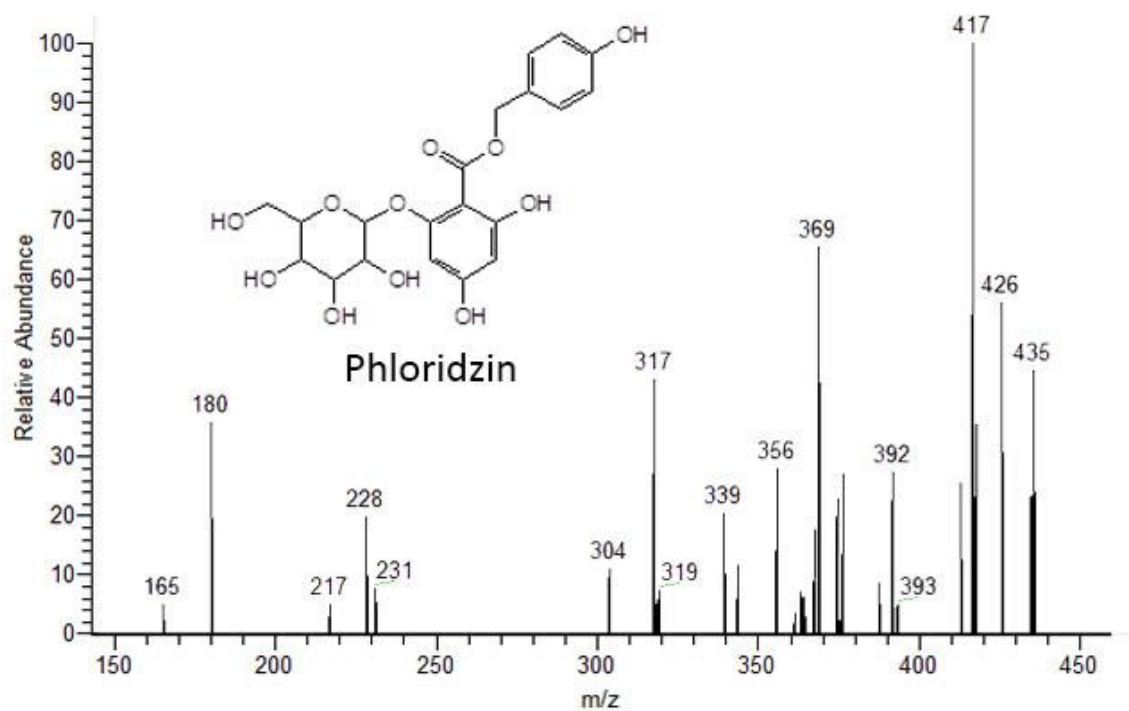


Figure S38. Kaempferol-O-hexoside PS(-)MS fragmentation and chemical structure.

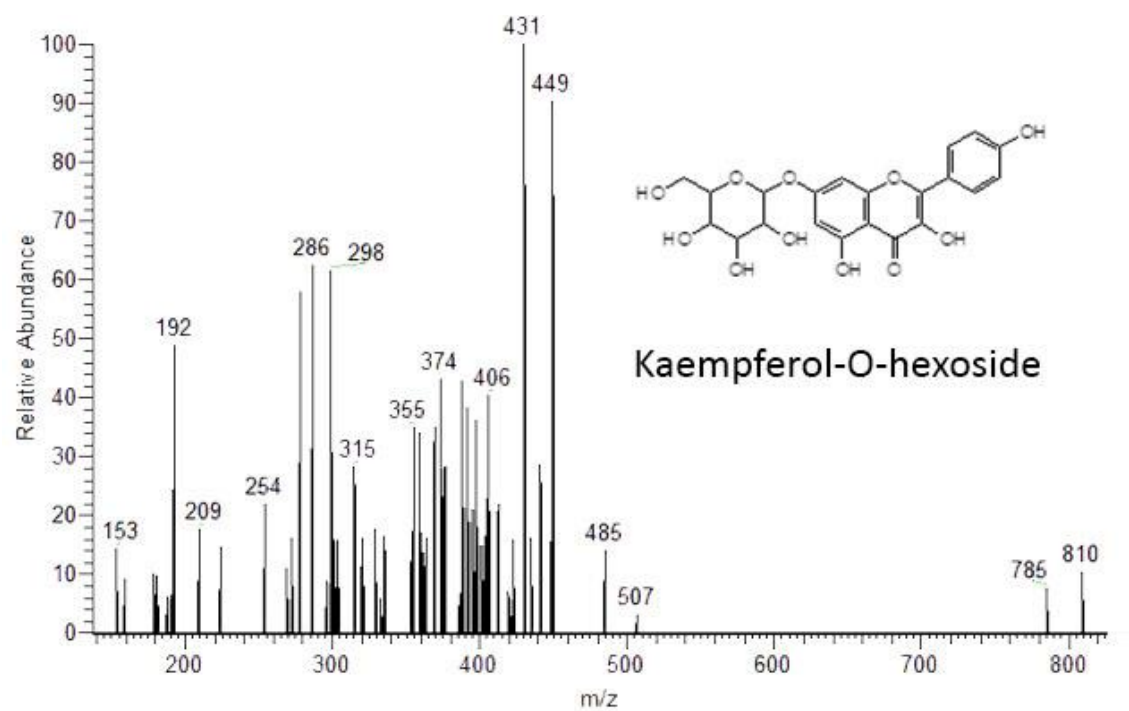


Figure S39. Dihydroquercetin-3,5-rhamnoside PS(-)MS fragmentation and chemical structure.

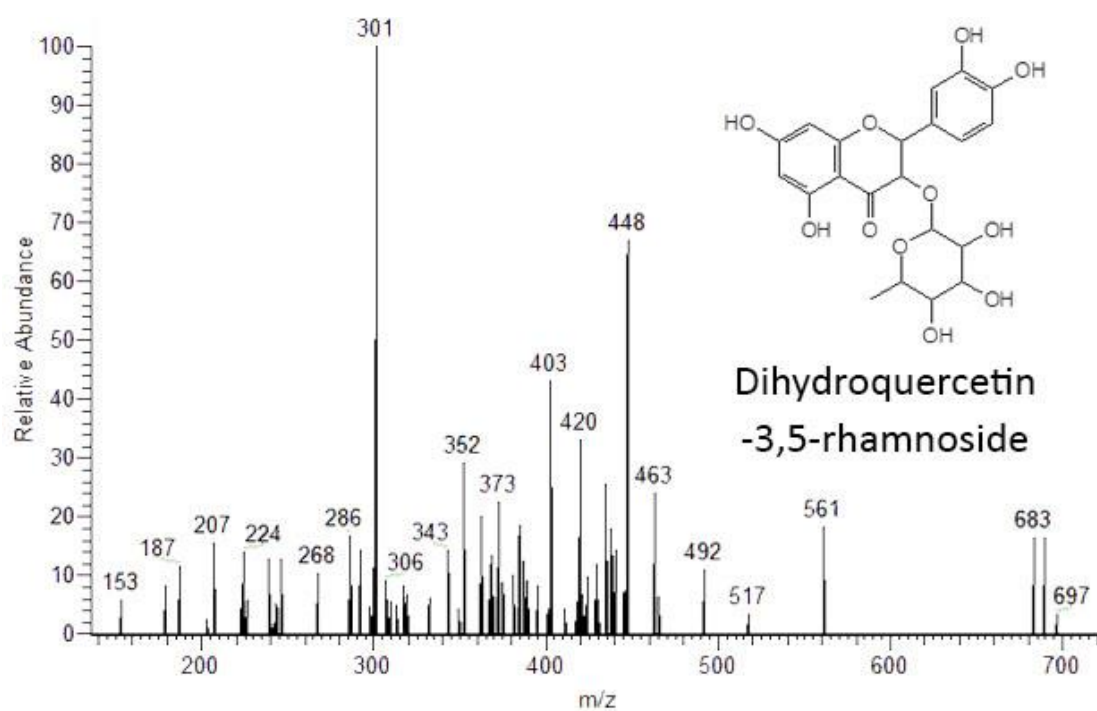


Figure S40. Isorhamnetin-O-coumaroyl PS(-)MS fragmentation and chemical structure.

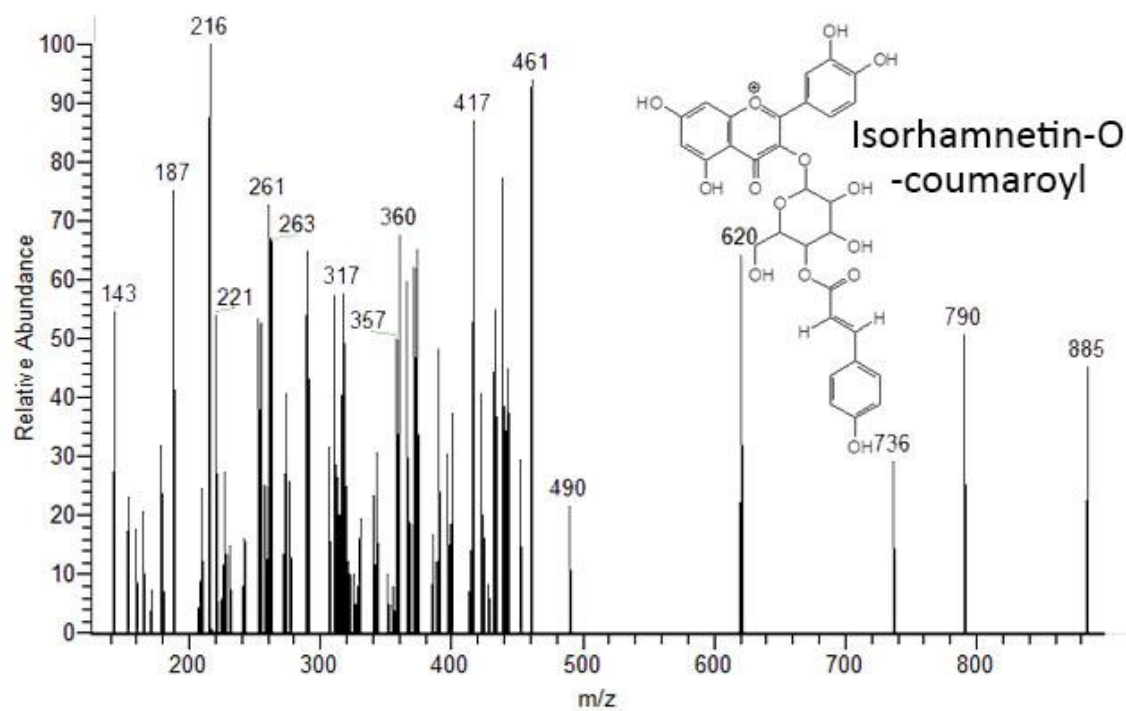


Figure S41. Quercetin-3-glucoside PS(-)MS fragmentation and chemical structure.

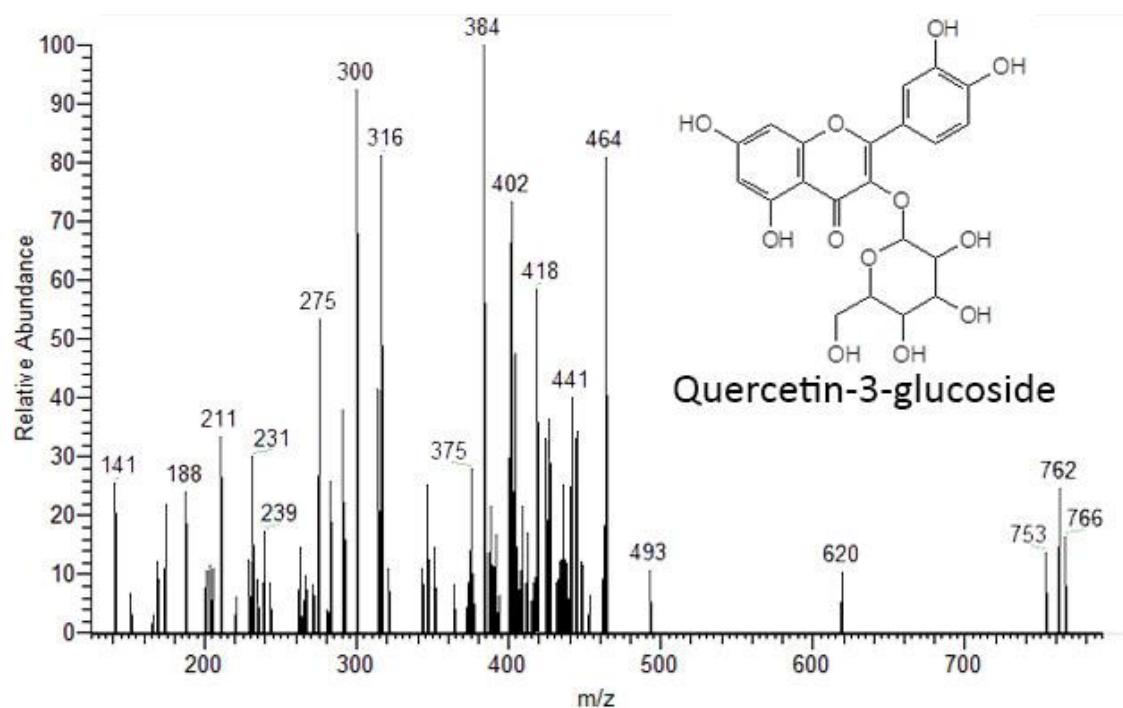


Figure S42. Quercetin glucuronide PS(-)MS fragmentation and chemical structure.

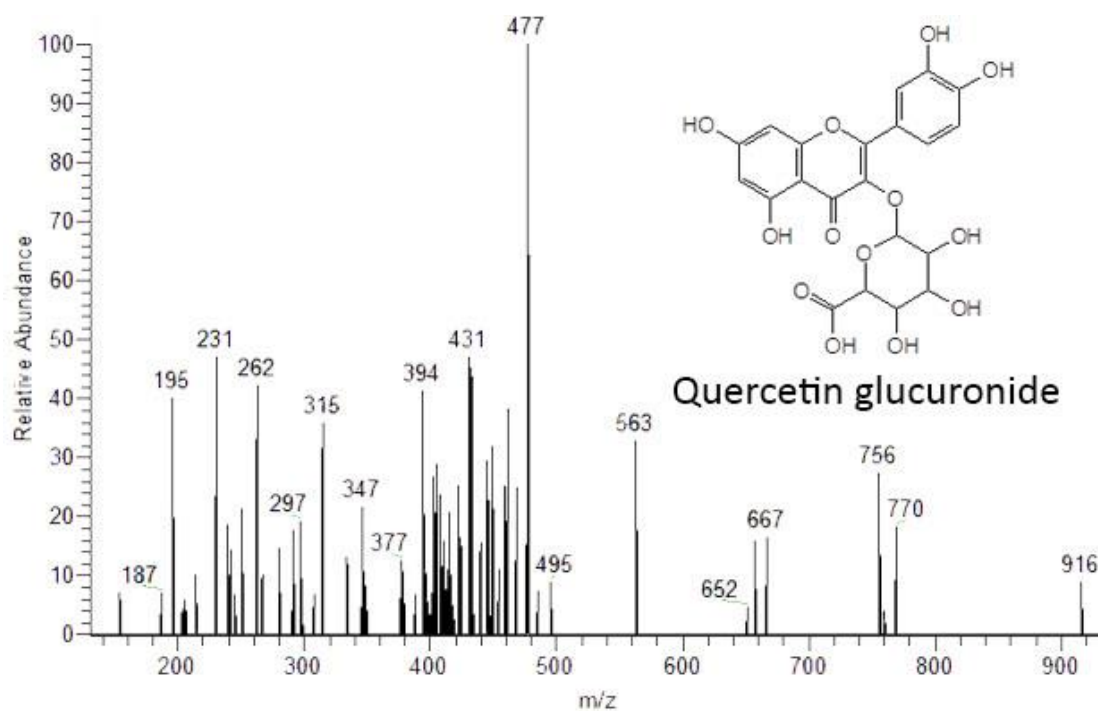


Figure S43. Caffeoyl hexose-deoxyhexoside PS(-)MS fragmentation and chemical structure.

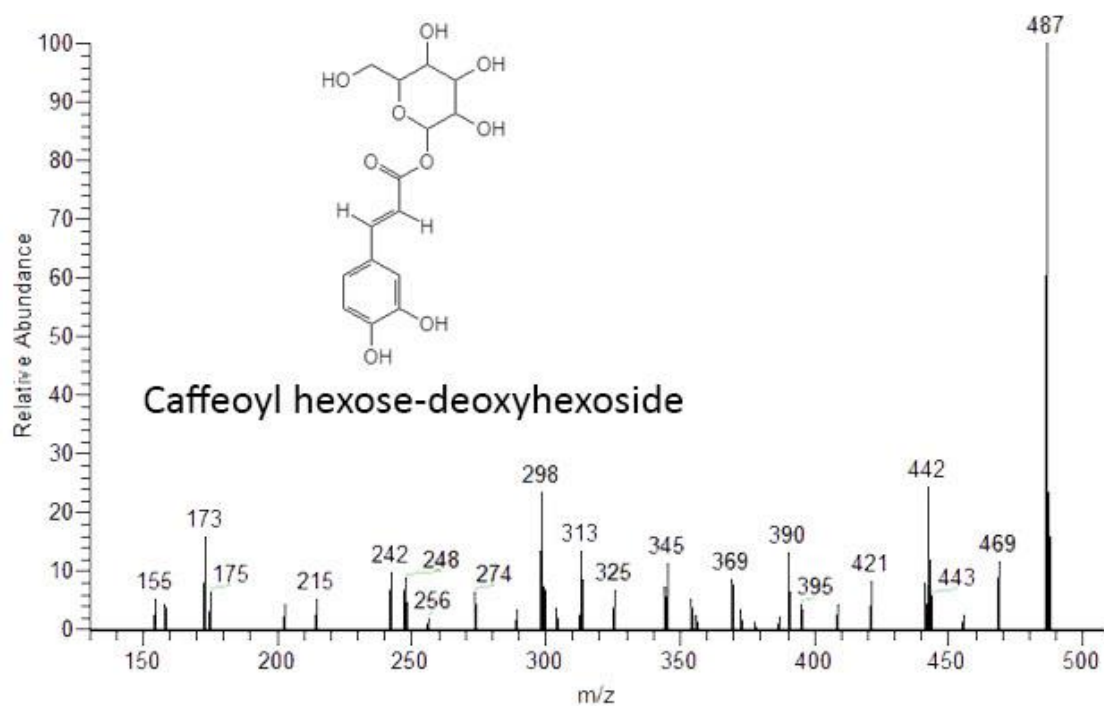


Figure S44. Dimethyl ellagic acid hexoside PS(-)MS fragmentation and chemical structure.

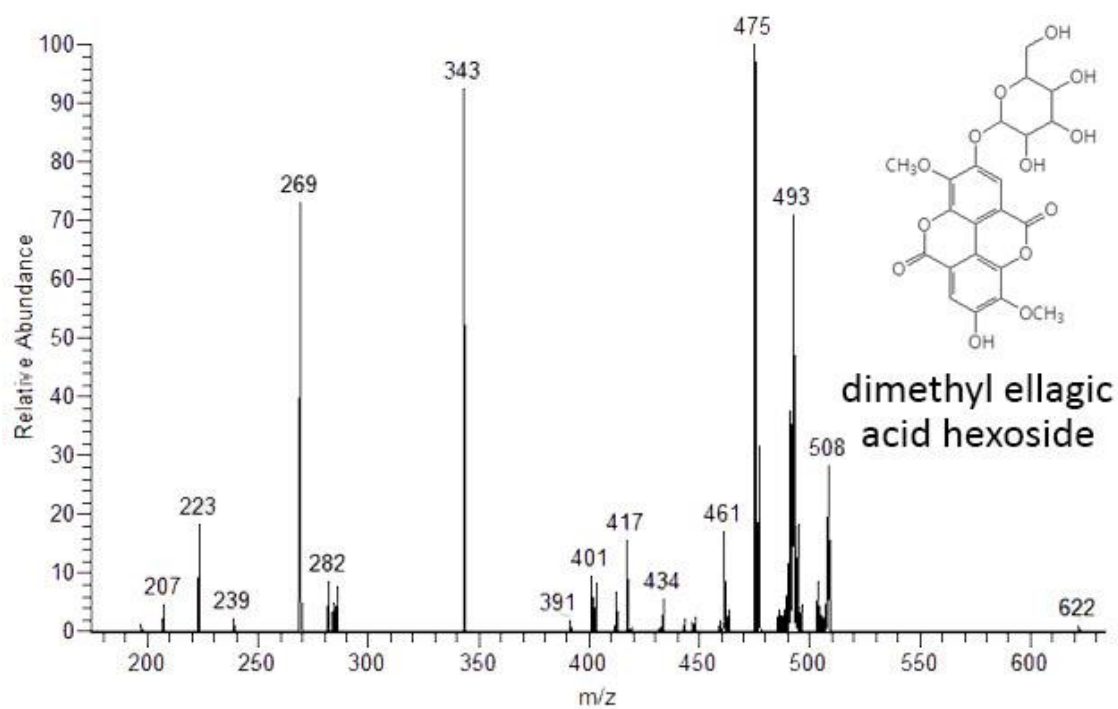


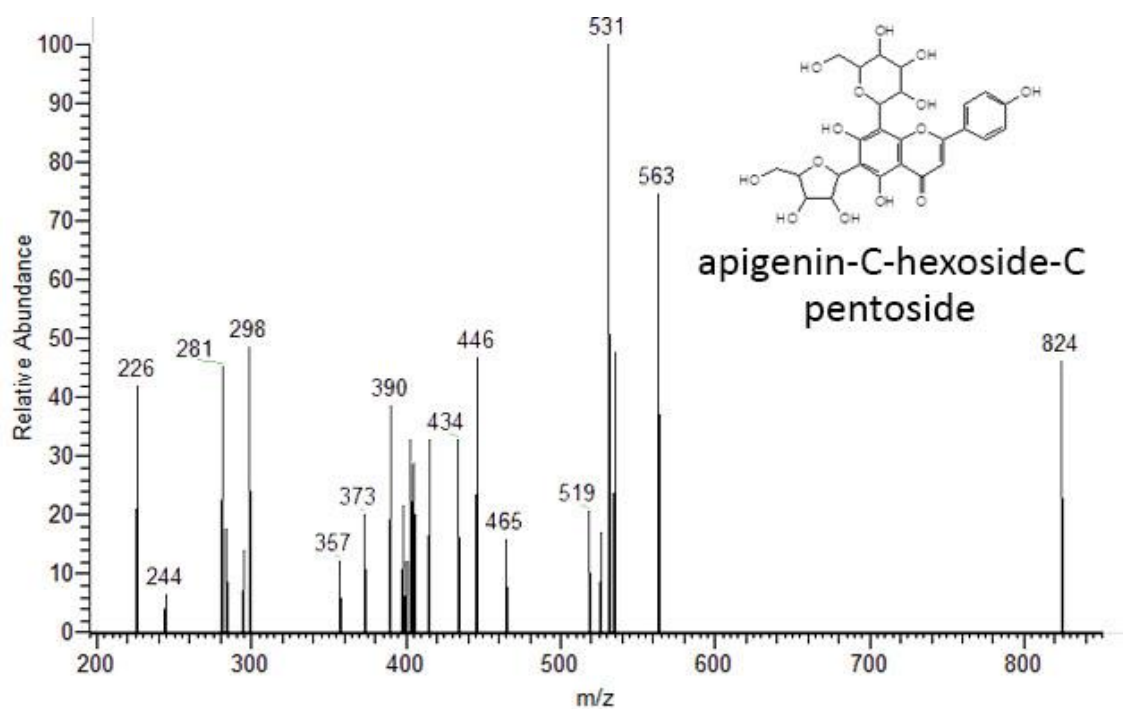
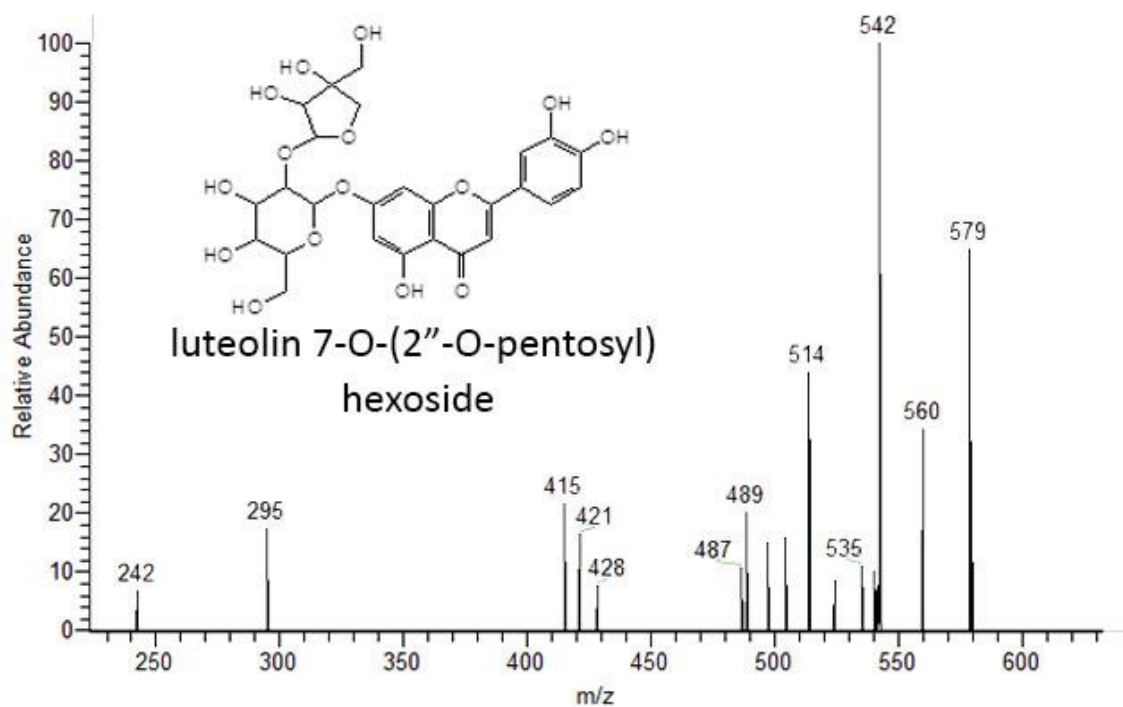
Figure S45. Apigenin-C-hexoside-C-pentose PS(-)MS fragmentation and chemical structure.**Figure S46.** Luteolin-7-O-(2''-O-pentosyl)-hexoside PS(-)MS fragmentation and chemical structure.

Figure S47. Catechin diglucopyranoside PS(-)MS fragmentation and chemical structure.

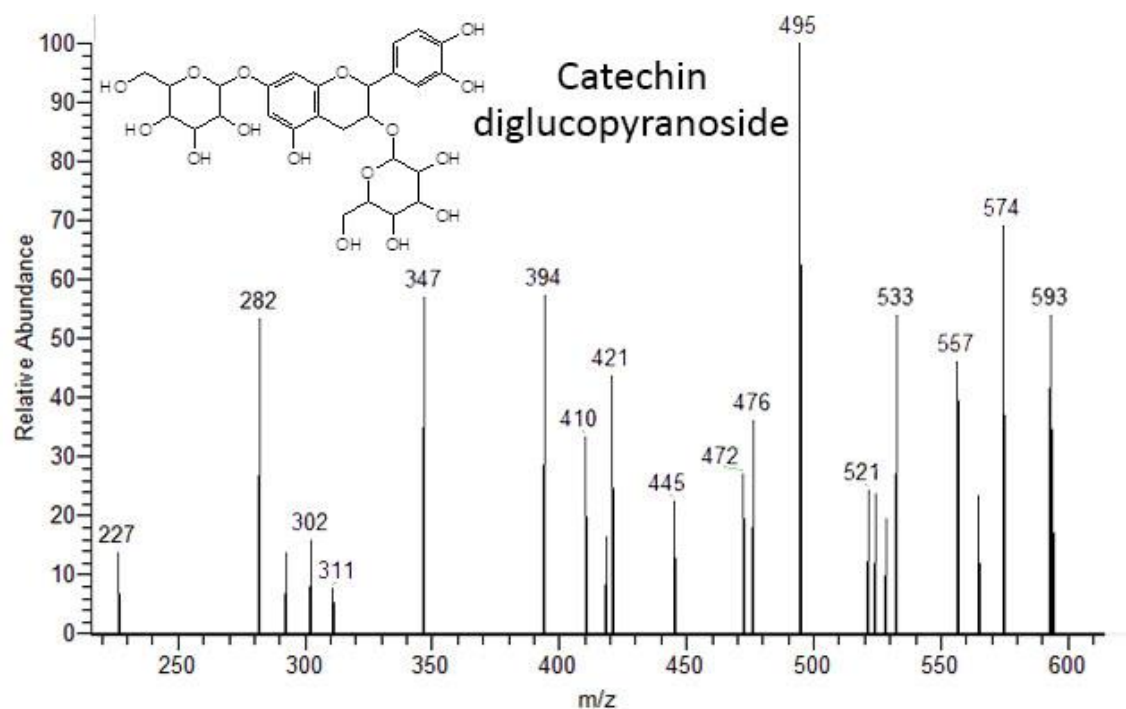


Figure S48. Quercetin-3,4'-O-diglucoside PS(-)MS fragmentation and chemical structure.

