

Moringa oleifera L. extracts as bioactive ingredients that increasing safety of body wash cosmetics

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Supplementary material contains spectra from composition analyzes using ESI-MS.

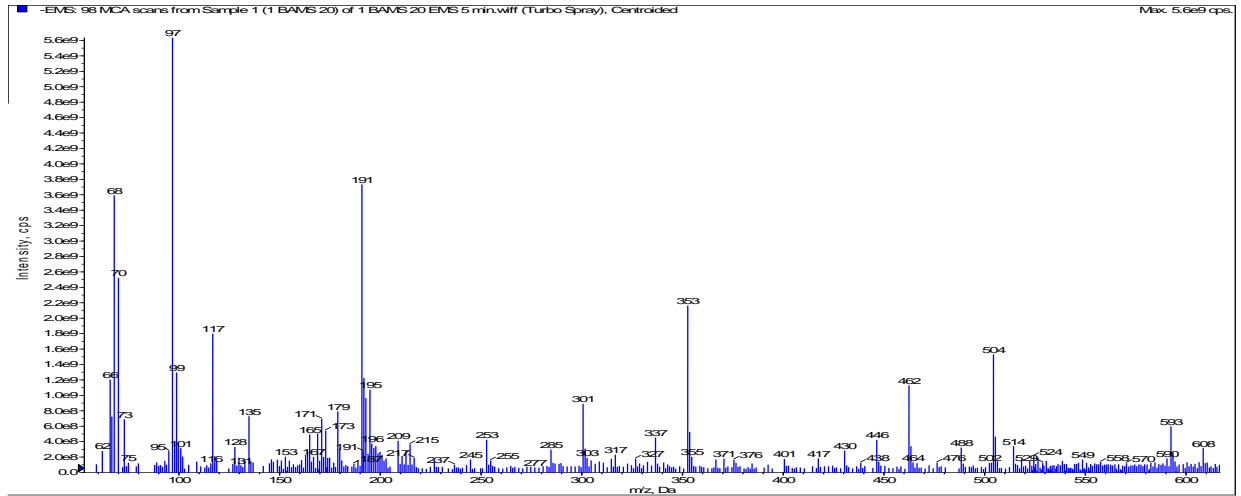


Figure 1. ESI-MS spectrum in the negative-ion mode obtained for *Moringa oleifera* extract.

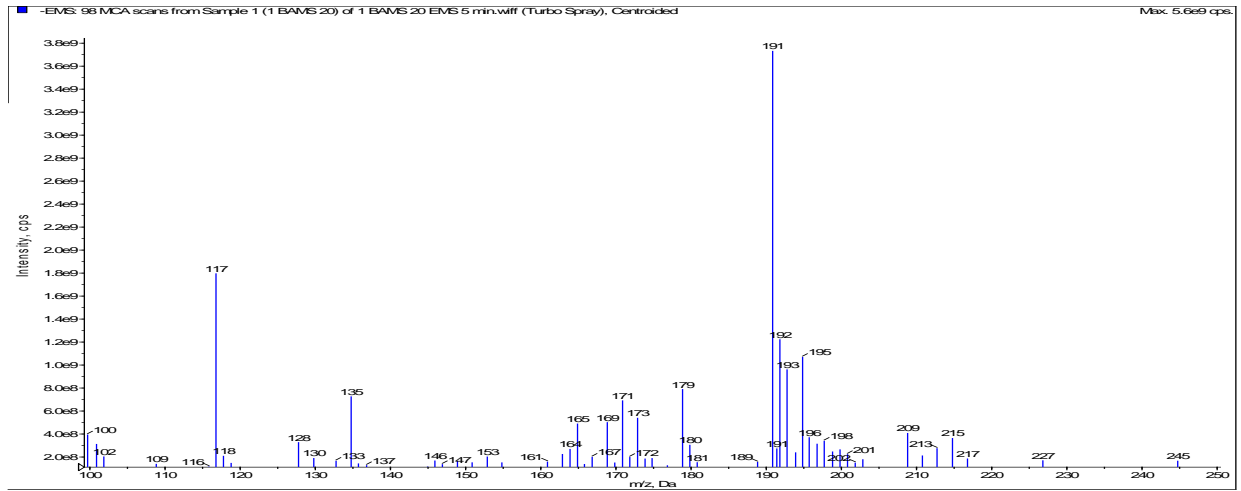


Figure 2. ESI-MS spectrum in the negative-ion mode obtained for *Moringa oleifera* extract, m/z 100-250 Da.

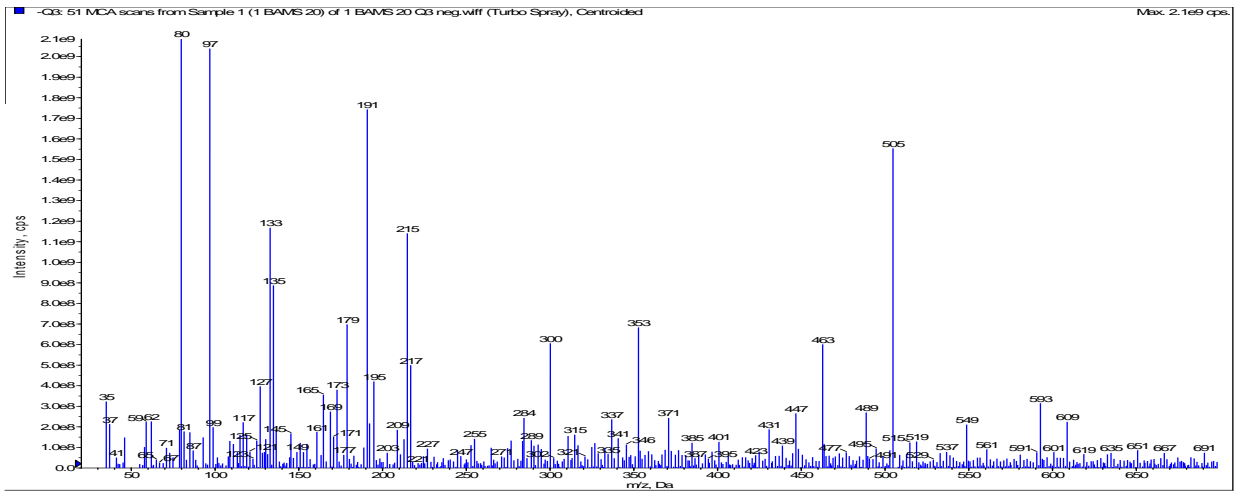


Figure 3. ESI-MS spectrum in the negative-ion mode obtained for *Moringa oleifera* extract, 80:20.

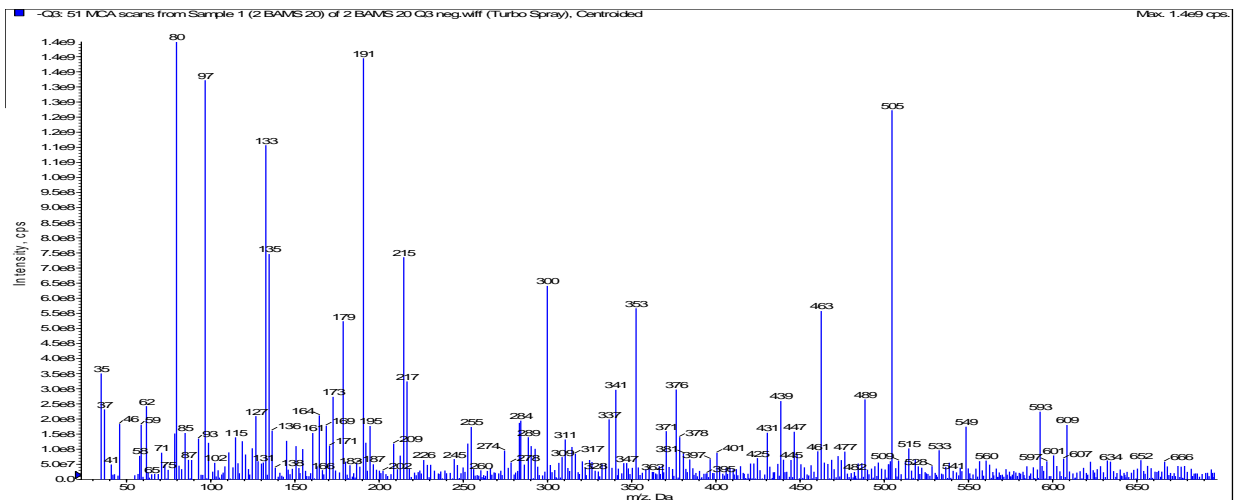


Figure 4. ESI-MS spectrum in the negative-ion mode obtained for *Moringa oleifera* extract, 60:40.

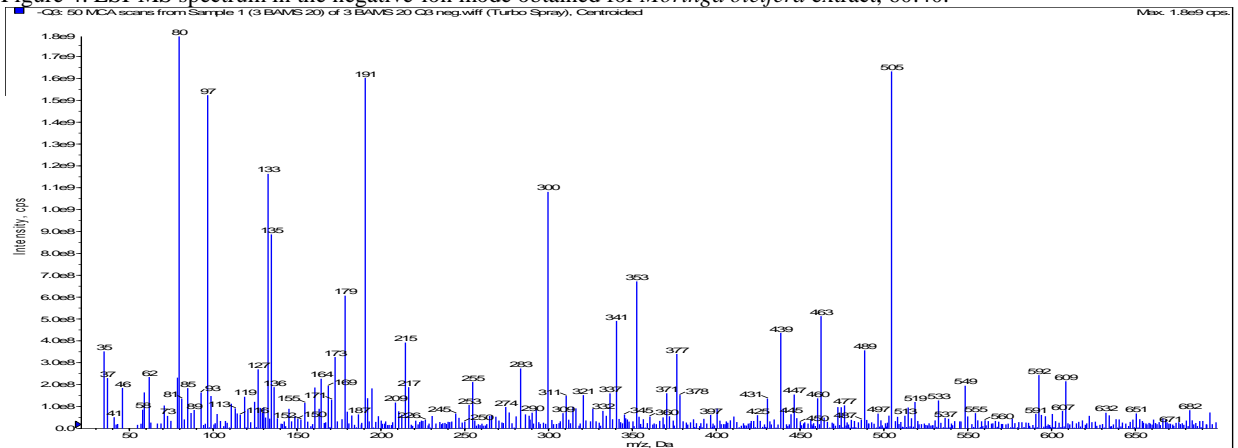


Figure 5. ESI-MS spectrum in the negative-ion mode obtained for *Moringa oleifera* extract, 50:50.

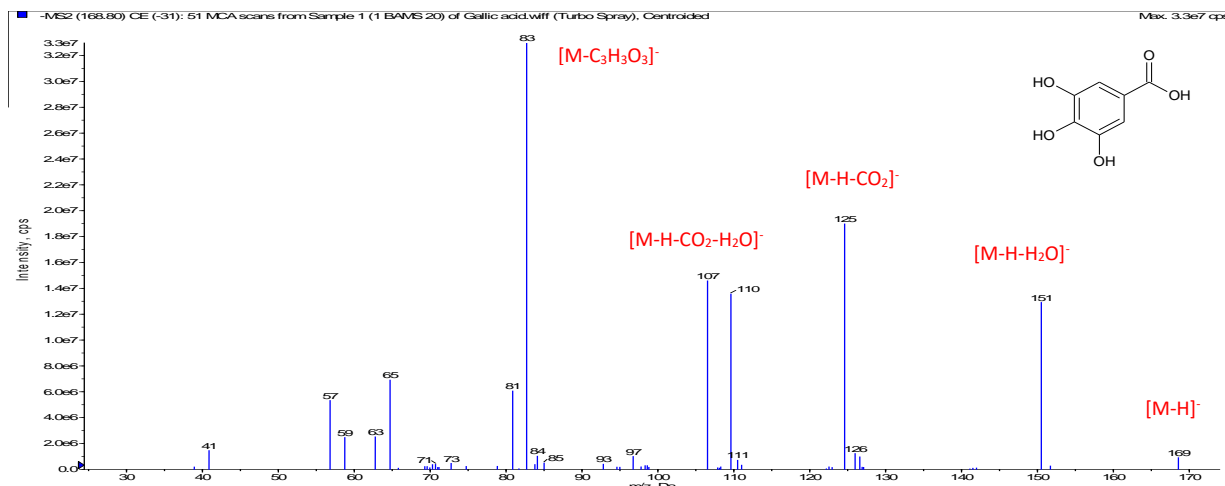


Figure 6. MS² fragmentation of Gallic acid.

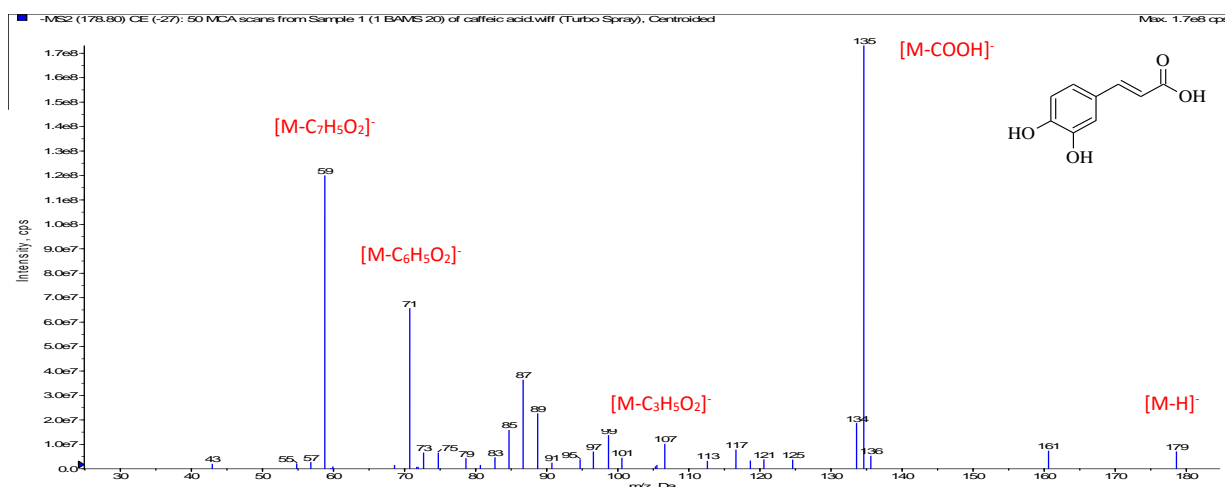


Figure 7. MS² fragmentation of Caffeic acid.

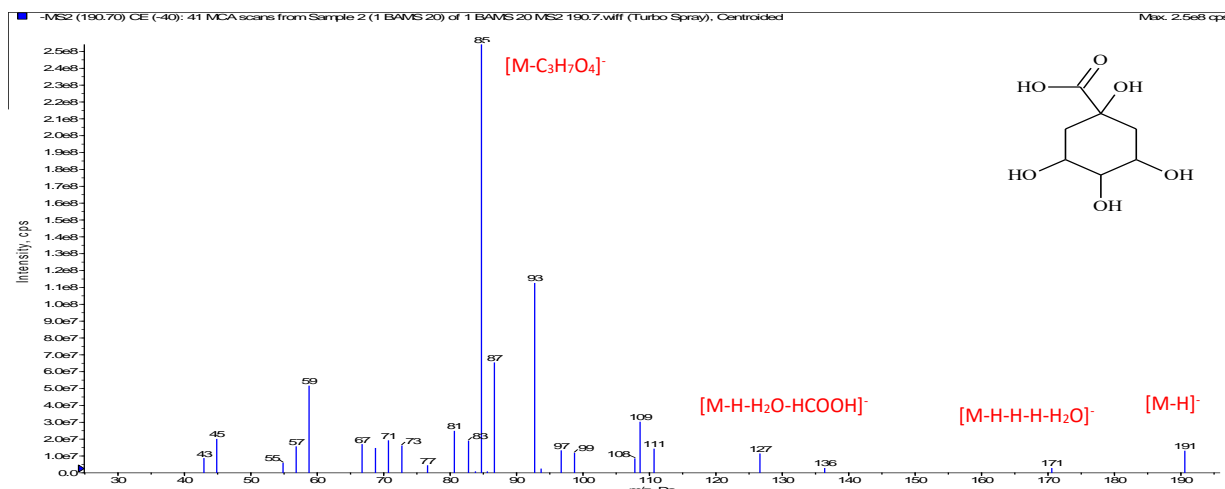


Figure 8. MS² fragmentation of Quinic acid .

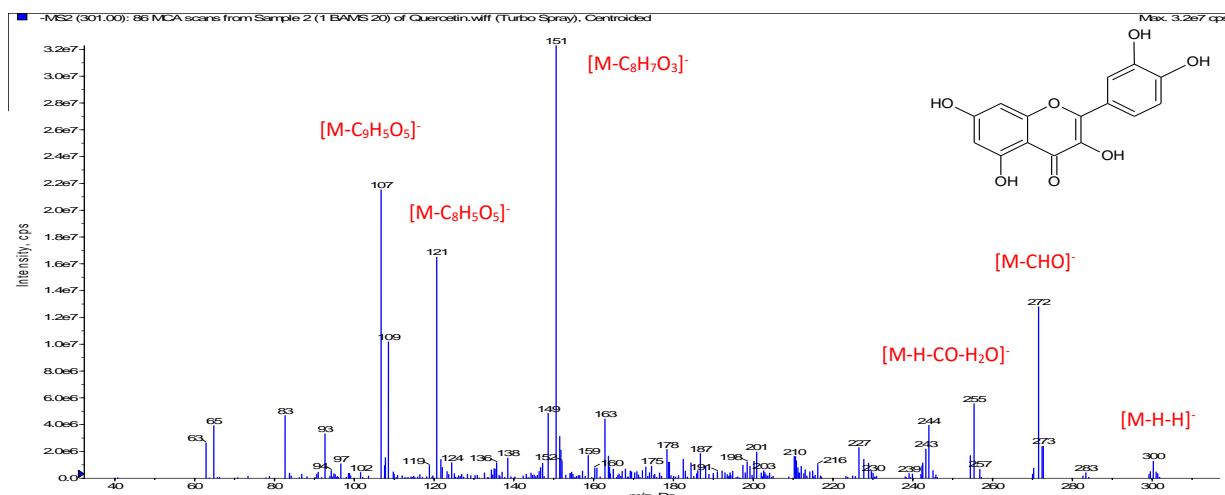


Figure 9. MS² fragmentation of Quercetin.

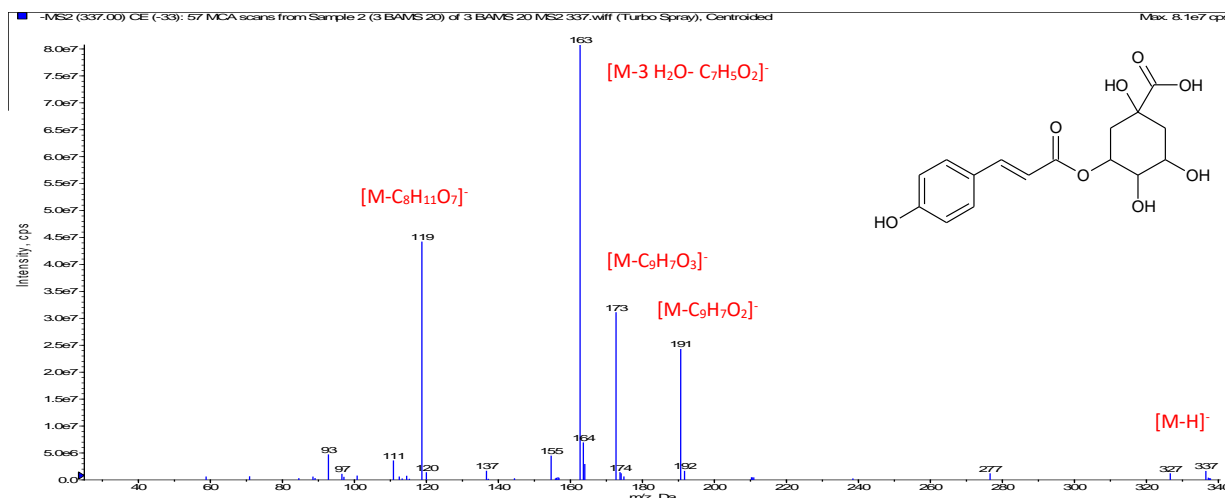


Figure 10. MS² fragmentation of p-Coumaroylquinic acid.

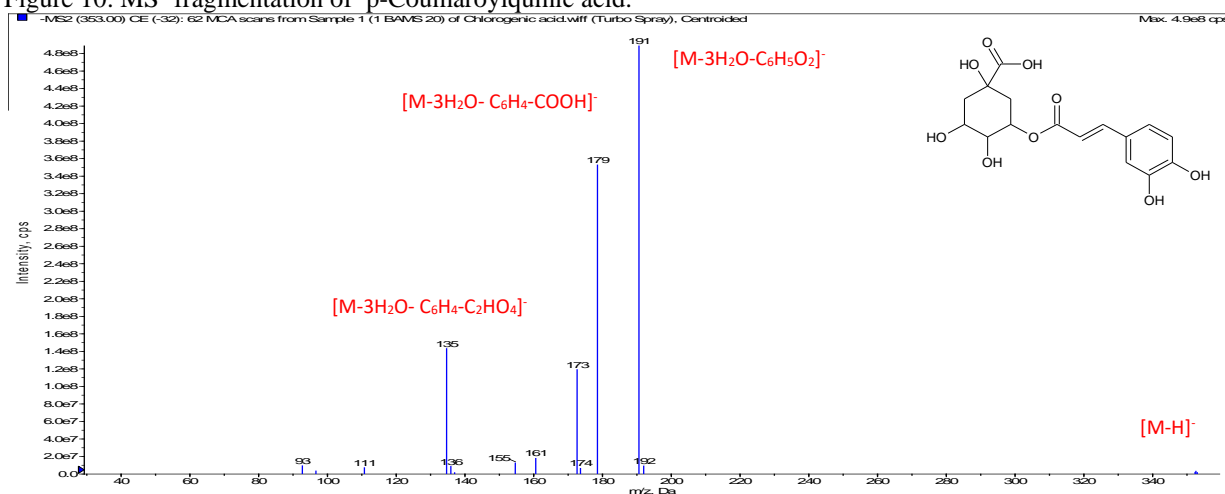


Figure 11. MS² fragmentation of Chlorogenic acid.

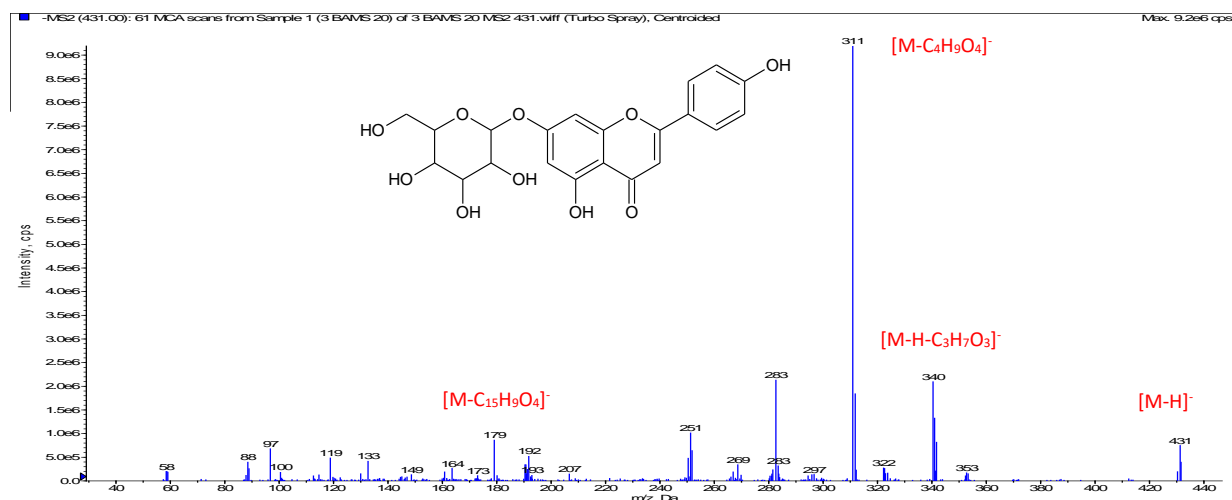


Figure 12. MS² fragmentation of Apigenin-glucoside.

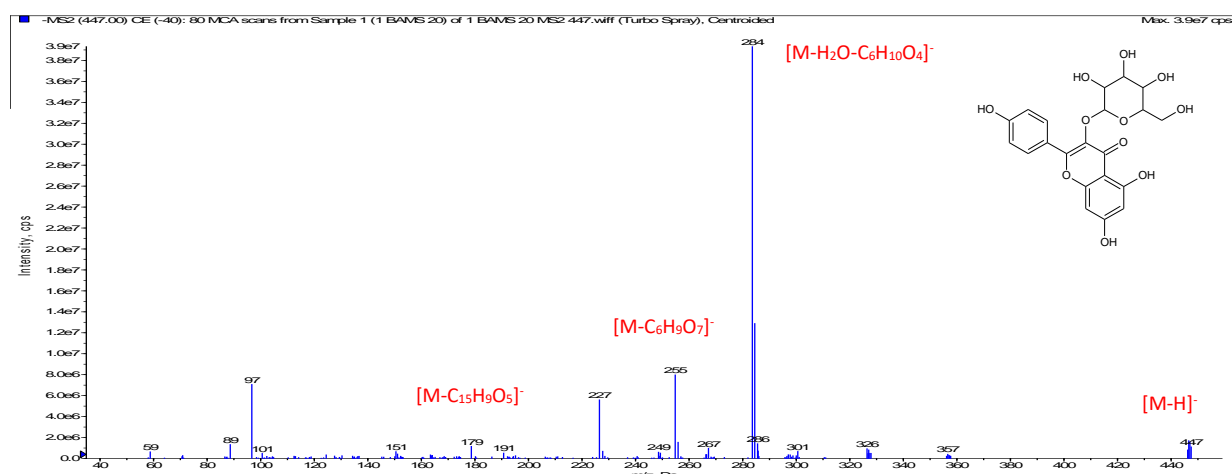


Figure 13. MS² fragmentation of Kaempferol-3-O-glucoside.

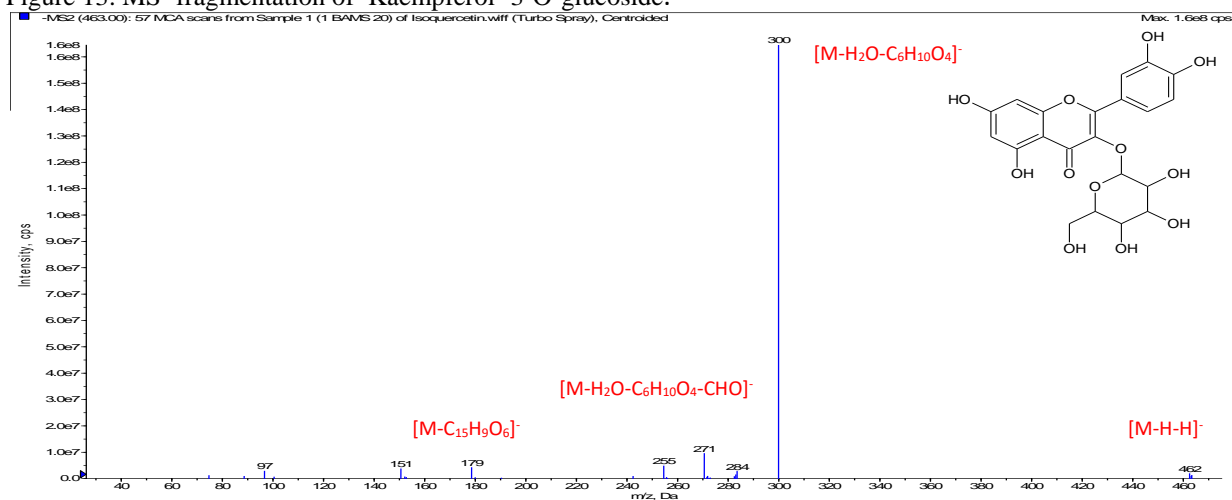


Figure 14. MS² fragmentation of Isoquercetin.

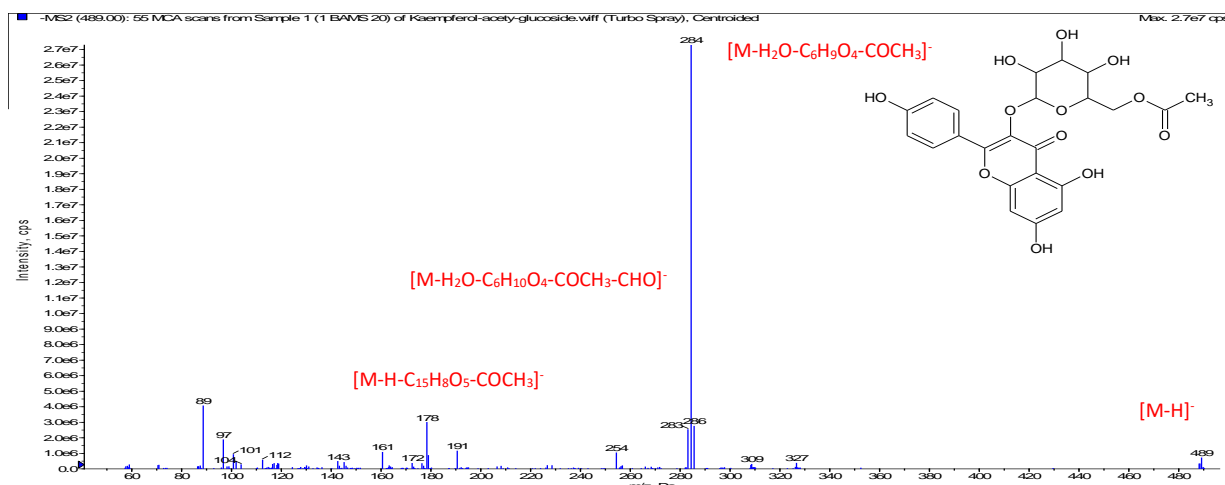


Figure 15. MS² fragmentation of Kaempferol-acetyl-glucoside.

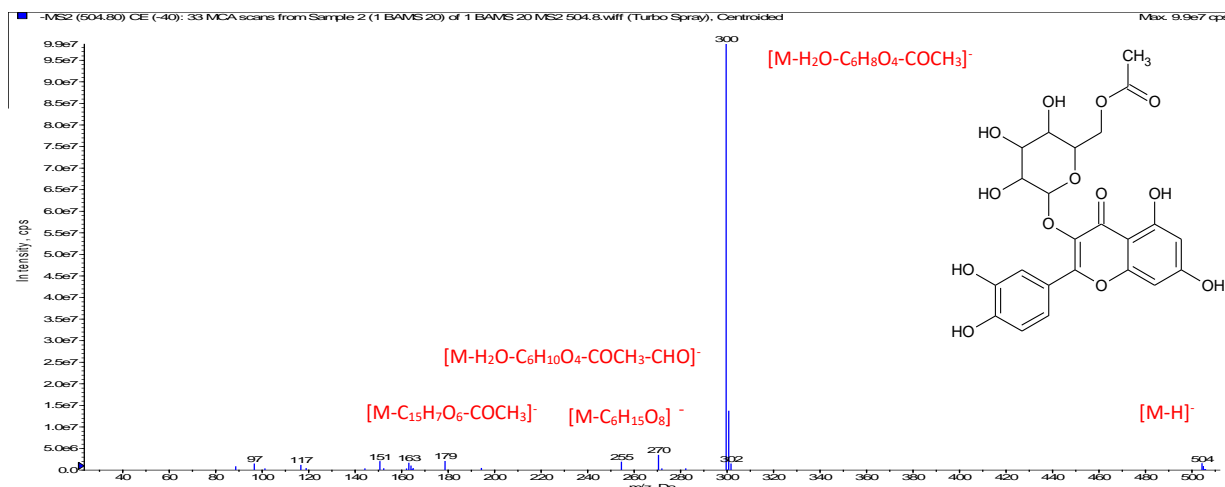


Figure 16. MS² fragmentation of Quercetin-acetyl-glucoside.

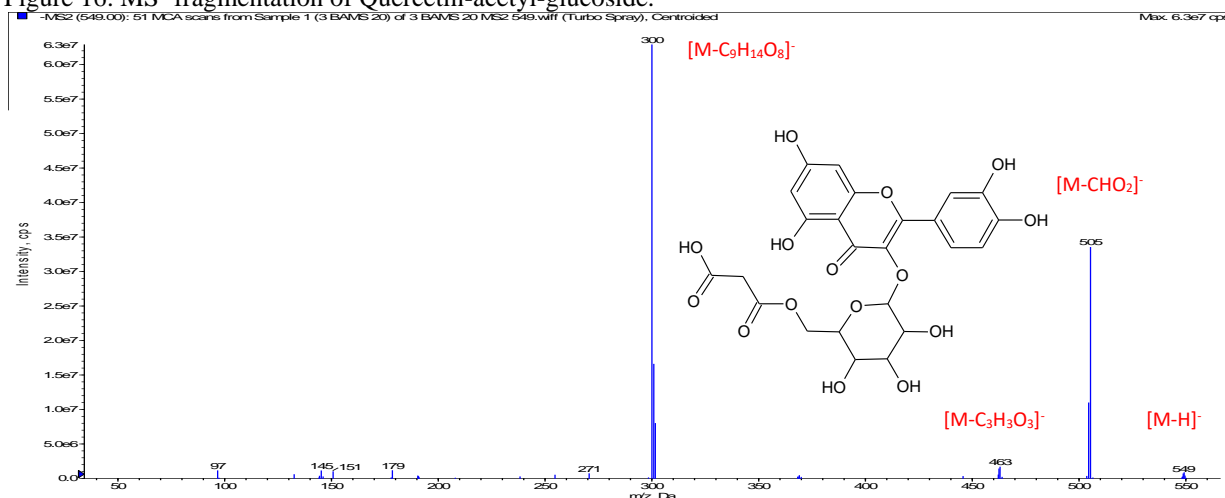


Figure 17. MS² fragmentation of quercetin-3-O-malonylhexoside.

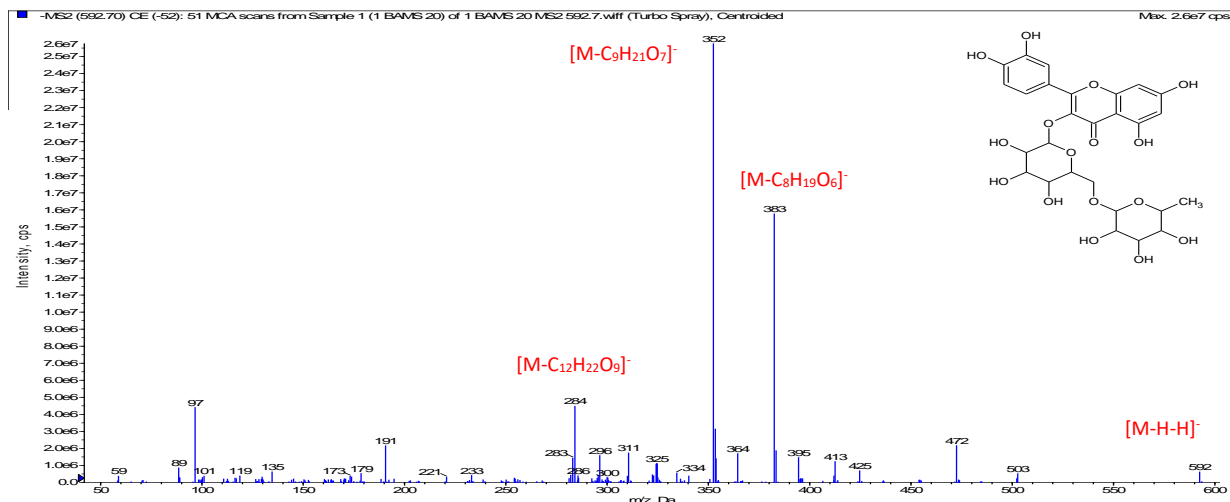


Figure 18. MS² fragmentation of Kaempferol-3-O-rutinoside.

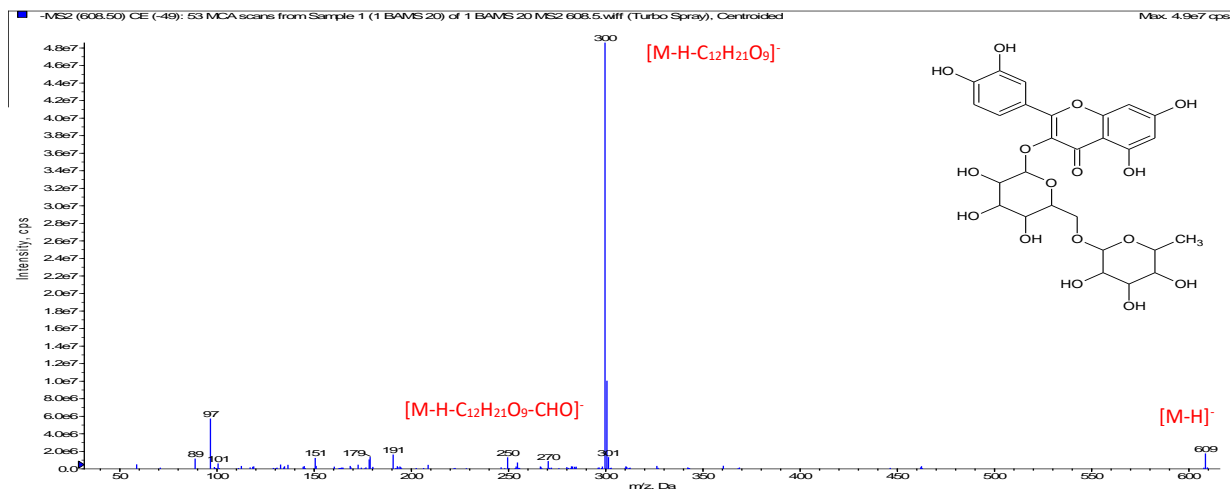


Figure 19. MS² fragmentation of Rutin.