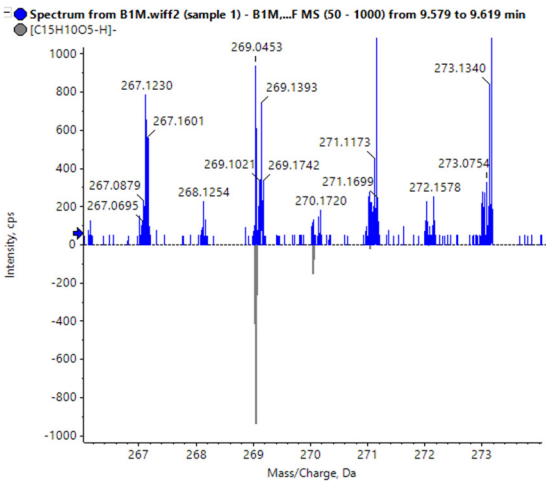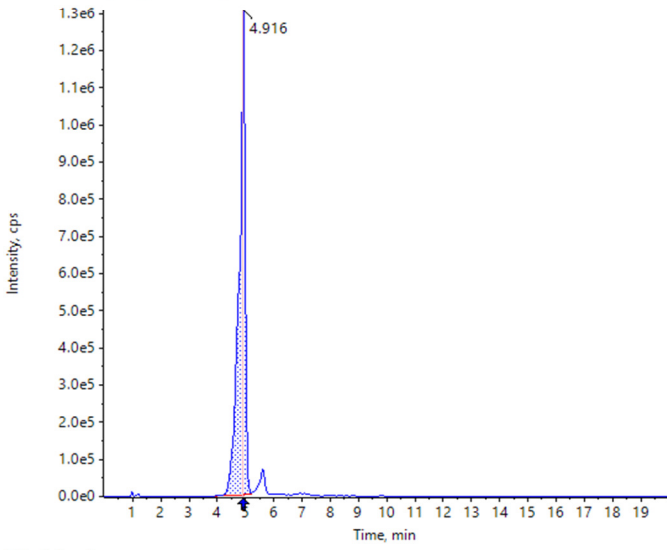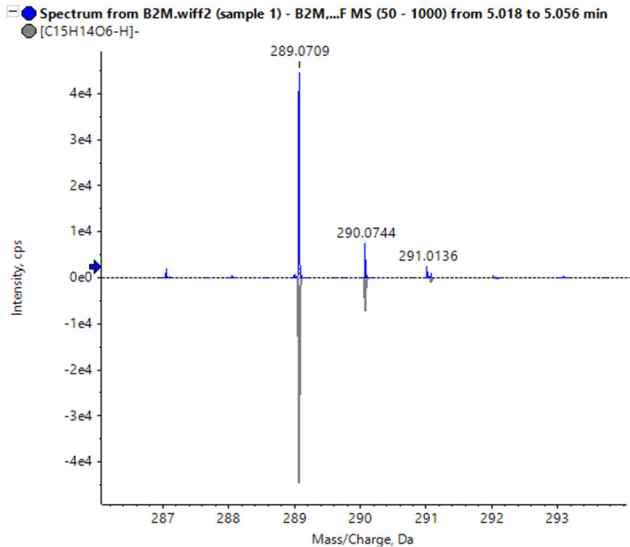**Table S1.** Chromatograms and MS/MS fragmentation patterns of the target and non-target analytes.

| Chromatograms	MS/MS Fragmentation Patterns
Target analytes	

Apigenin

B1M - Apigenin (Unknown) 269.0355 - 269.0555 -...720 MOURextracts\B1M.wiff2), (sample Index: 1)
Area: 268118, Height: 2.485e4, RT: 9.45 min

Spectrum from B1M.wiff2 (sample 1) - B1M,...F MS (50 - 1000) from 9.579 to 9.619 min
[C15H10O5-H]-

Catechin

B2M - Catechin (Unknown) 289.0618 - 289.0818 - ...720 MOURextracts\B2M.wiff2), (sample Index: 1)
Area: 19505957, Height: 1.304e6, RT: 4.92 min

Spectrum from B2M.wiff2 (sample 1) - B2M,...F MS (50 - 1000) from 5.018 to 5.056 min
[C15H14O6-H]-

Kaempferol

B1M - Kaempferol (Unknown) 285.0305 - 285.0505...20 MOURextracts\B1M.wiff2), (sample Index: 1)
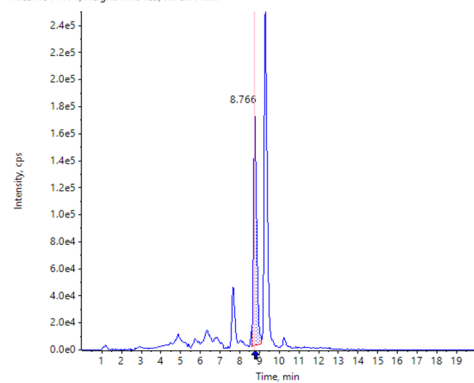Area: 2502775, Height: 2.267e5, RT: 9.33 min
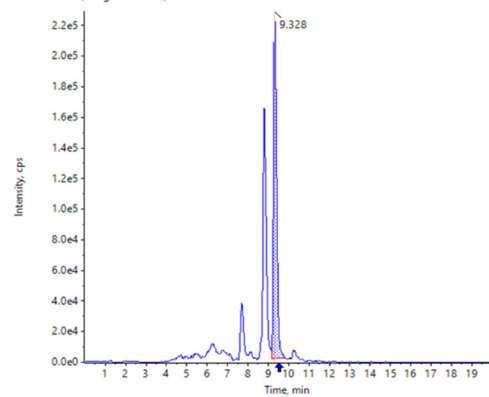
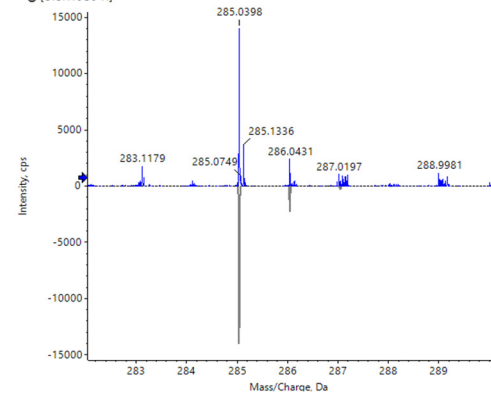Spectrum from B1M.wiff2 (sample 1) - B1M,...F MS (50 - 1000) from 9.241 to 9.281 min
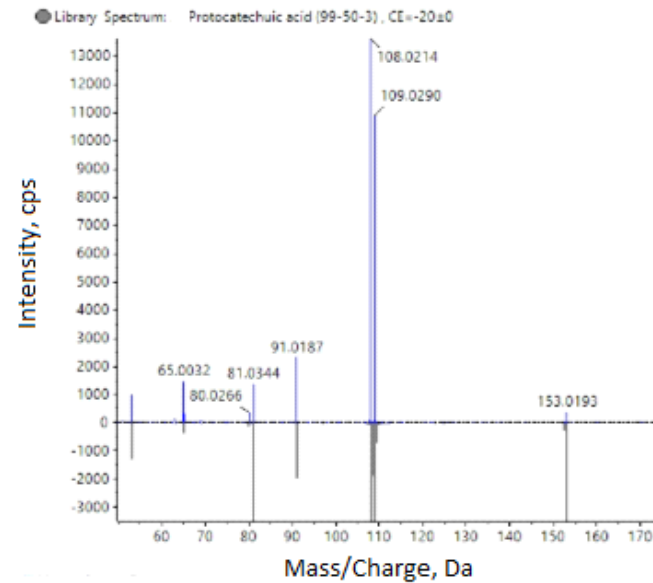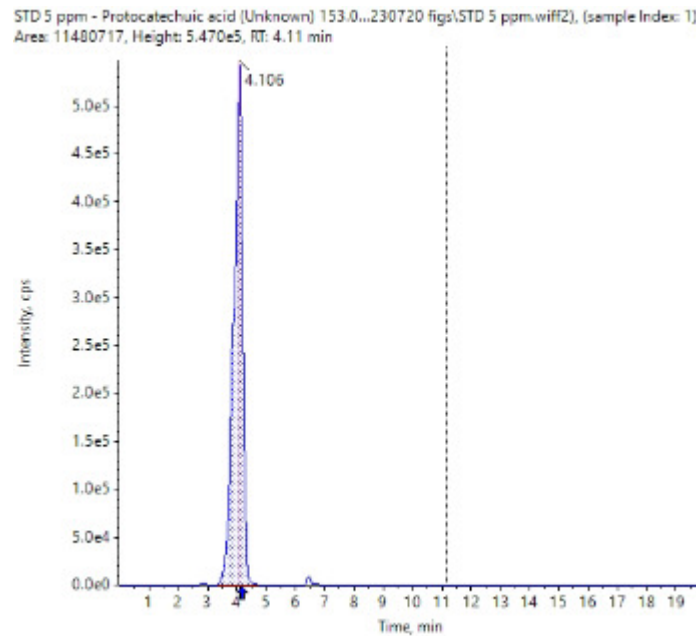[C15H10O6-H]-
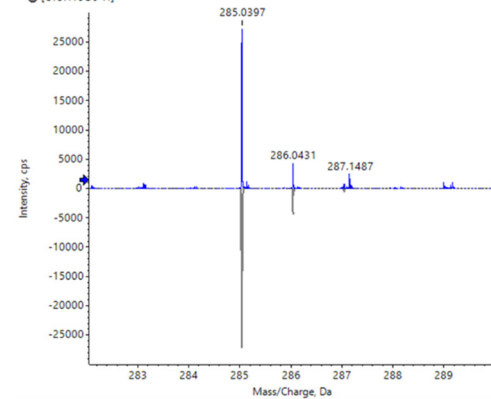
Luteolin

pom3 - Luteolin (Unknown) 285.0305 - 285.0505 -...0 MOURextracts\pom3b.wiff2), (sample Index: 1)
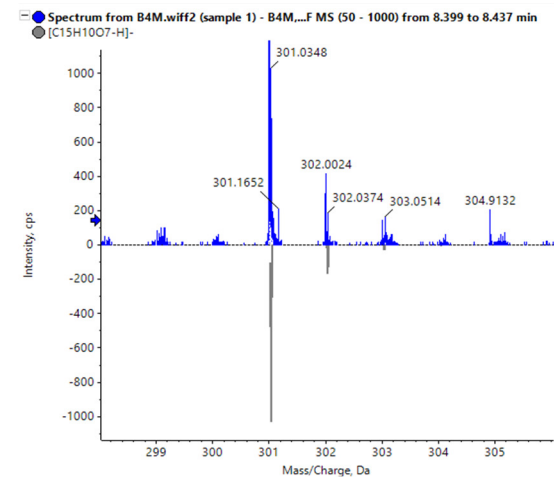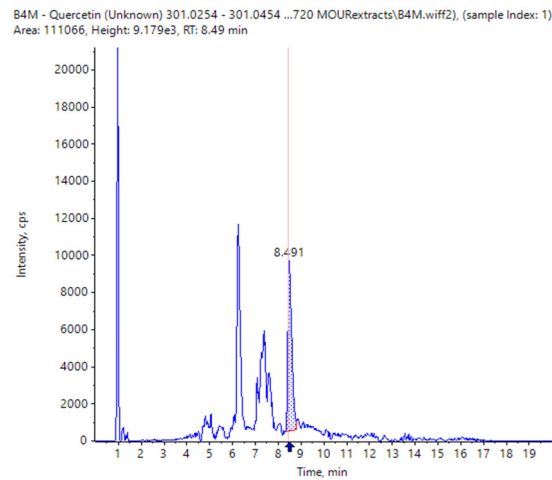Area: 1911171, Height: 1.704e5, RT: 8.77 min

Spectrum from pom3b.wiff2 (sample 1) - po...F MS (50 - 1000) from 8.846 to 8.887 min
[C15H10O6-H]-

Protocatechuic acid

STD 5 ppm - Protocatechuic acid (Unknown) 153.0...230720 figs\STD 5 ppm.wiff2), (sample Index: 1)
Area: 11480717, Height: 5.470e5, RT: 4.11 min

4.106

Library Spectrum: Protocatechuic acid (99-50-3) , CE=-20±0

108.0214
109.0290
91.0187
65.0032
80.0266
81.0344
153.0193

Mass/Charge, Da

Quercetin

B4M - Quercetin (Unknown) 301.0254 - 301.0454 ...720 MOURextracts\B4M.wiff2), (sample Index: 1)
Area: 111066, Height: 9.179e3, RT: 8.49 min

8.491

Spectrum from B4M.wiff2 (sample 1) - B4M,...F MS (50 - 1000) from 8.399 to 8.437 min
[C15H10O7-H]-

301.0348
301.1652
302.0024
302.0374
303.0514
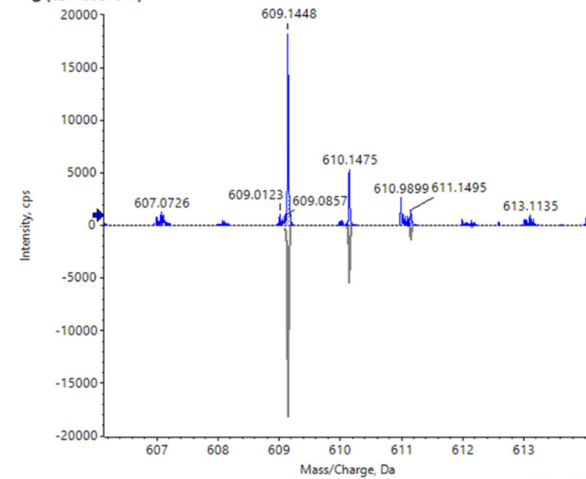304.9132

Mass/Charge, Da

Rutin

pom3 - Rutin (Unknown) 609.1361 - 609.1561 - (P...0 MOURextracts\pom3b.wiff2), (sample Index: 1)
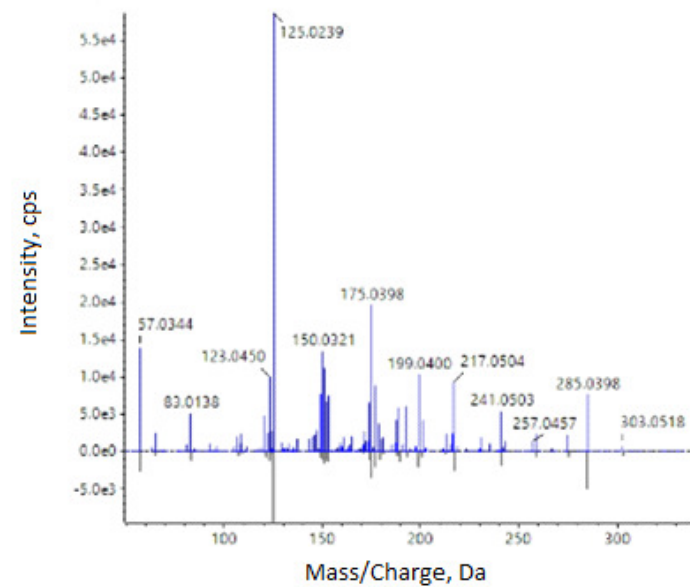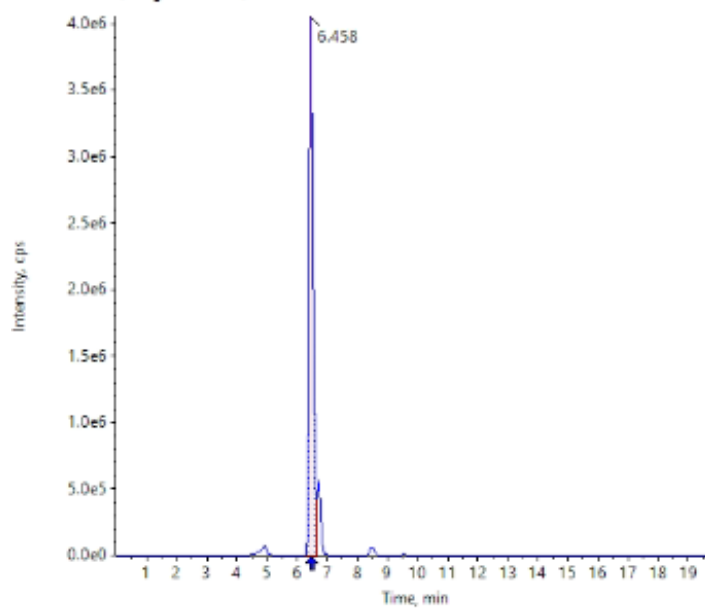Area: 2057345, Height: 2.649e5, RT: 7.07 min
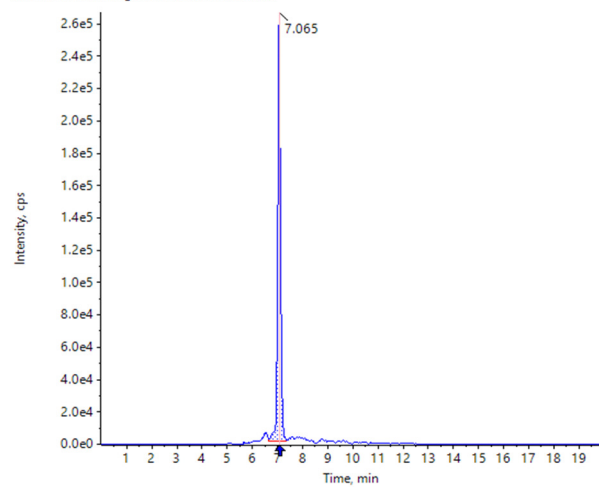
Spectrum from pom3b.wiff2 (sample 1) - po...F MS (50 - 1000) from 7.107 to 7.146 min
[C27H30O16-H]-

Taxifolin

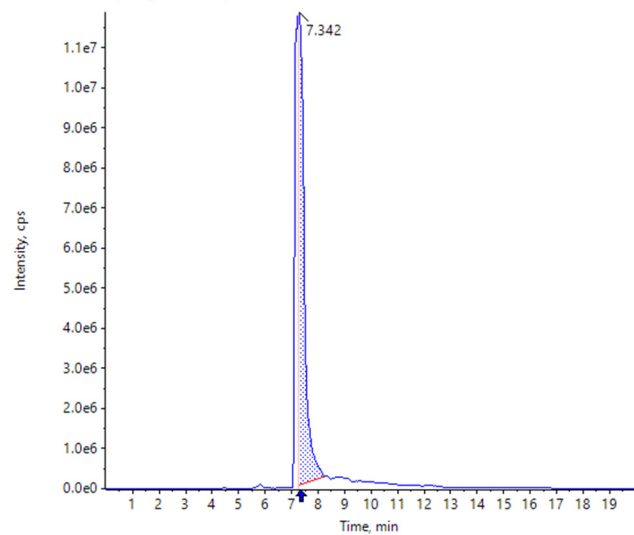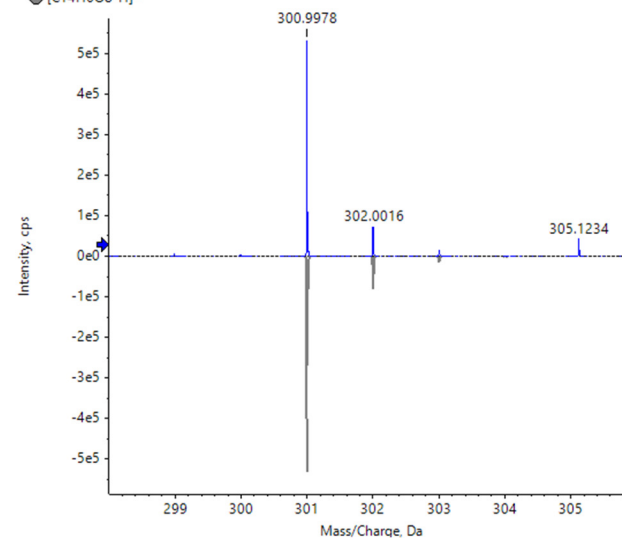Area: 39375934, Height: 4.055e6, RT: 6.46 min
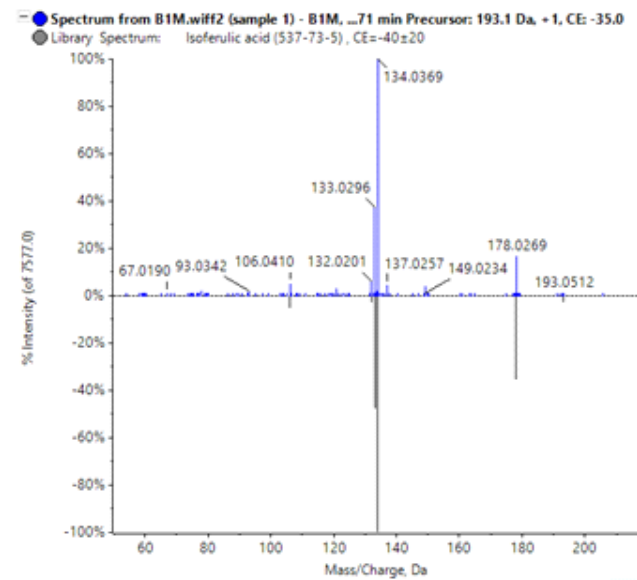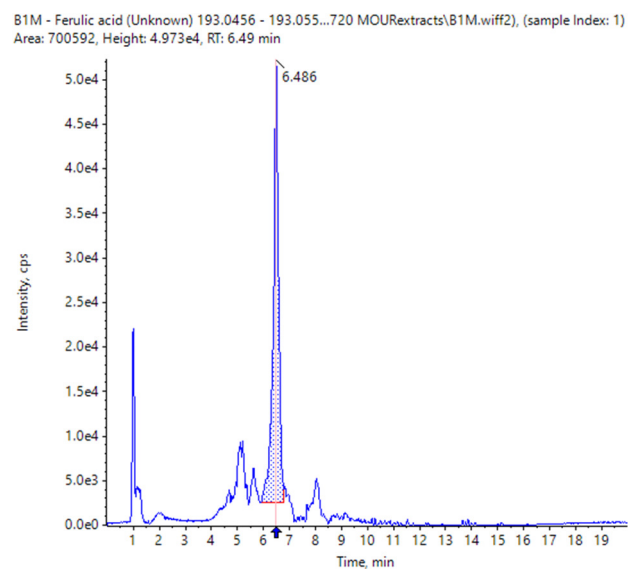
Ellagic acid

pom3 - Ellagic acid (Unknown) 300.9940 - 301.00...0 MOURextracts\pom3b.wiff2), (sample Index: 1)
Area: 174933570, Height: 1.179e7, RT: 7.34 min

Spectrum from pom3b.wiff2 (sample 1) - po...F MS (50 - 1000) from 7.556 to 7.595 min
[C14H6O8-H]-

Ferulic acid

B1M - Ferulic acid (Unknown) 193.0456 - 193.055...720 MOURextracts\B1M.wiff2), (sample Index: 1)
Area: 700592, Height: 4.973e4, RT: 6.49 min

Spectrum from B1M.wiff2 (sample 1) - B1M, ...71 min Precursor: 193.1 Da, +1, CE: -35.0
Library Spectrum: Isoferulic acid (537-73-5) , CE=-40±20

Caffeic acid

Area: 557360, Height: 4.018e4, RT: 4.89 min

_p_-Coumaric acid

B2M - Coumaric acid (Unknown) 165.0496 - 165.0...720 MOURextracts\B2M.wiff2), (sample Index: 1)
Area: 144761, Height: 1.610e4, RT: 7.51 min

Spectrum from B2M.wiff2 (sample 1) - B2M,...F MS (50 - 1000) from 7.437 to 7.474 min
[C9H8O3+H]+