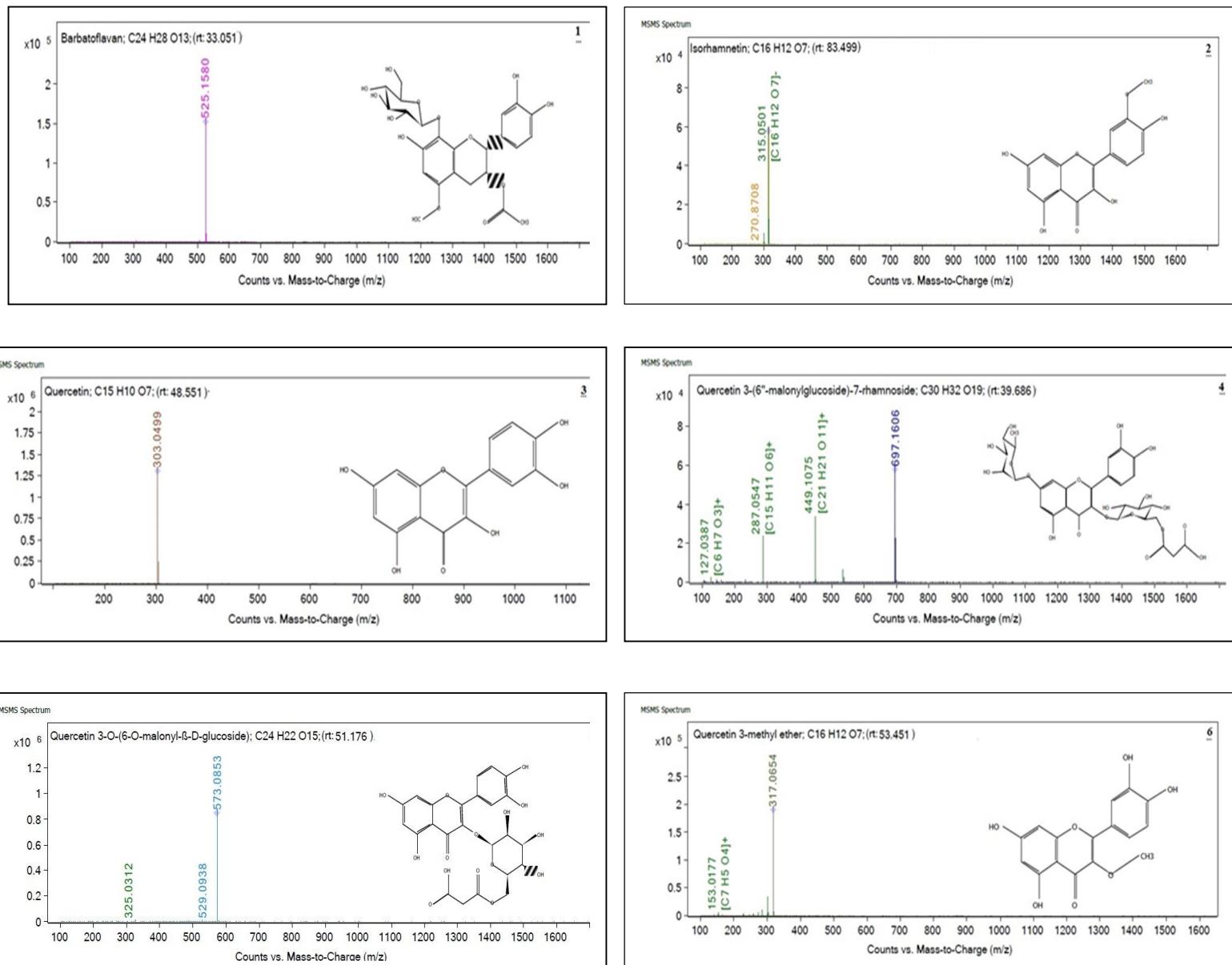


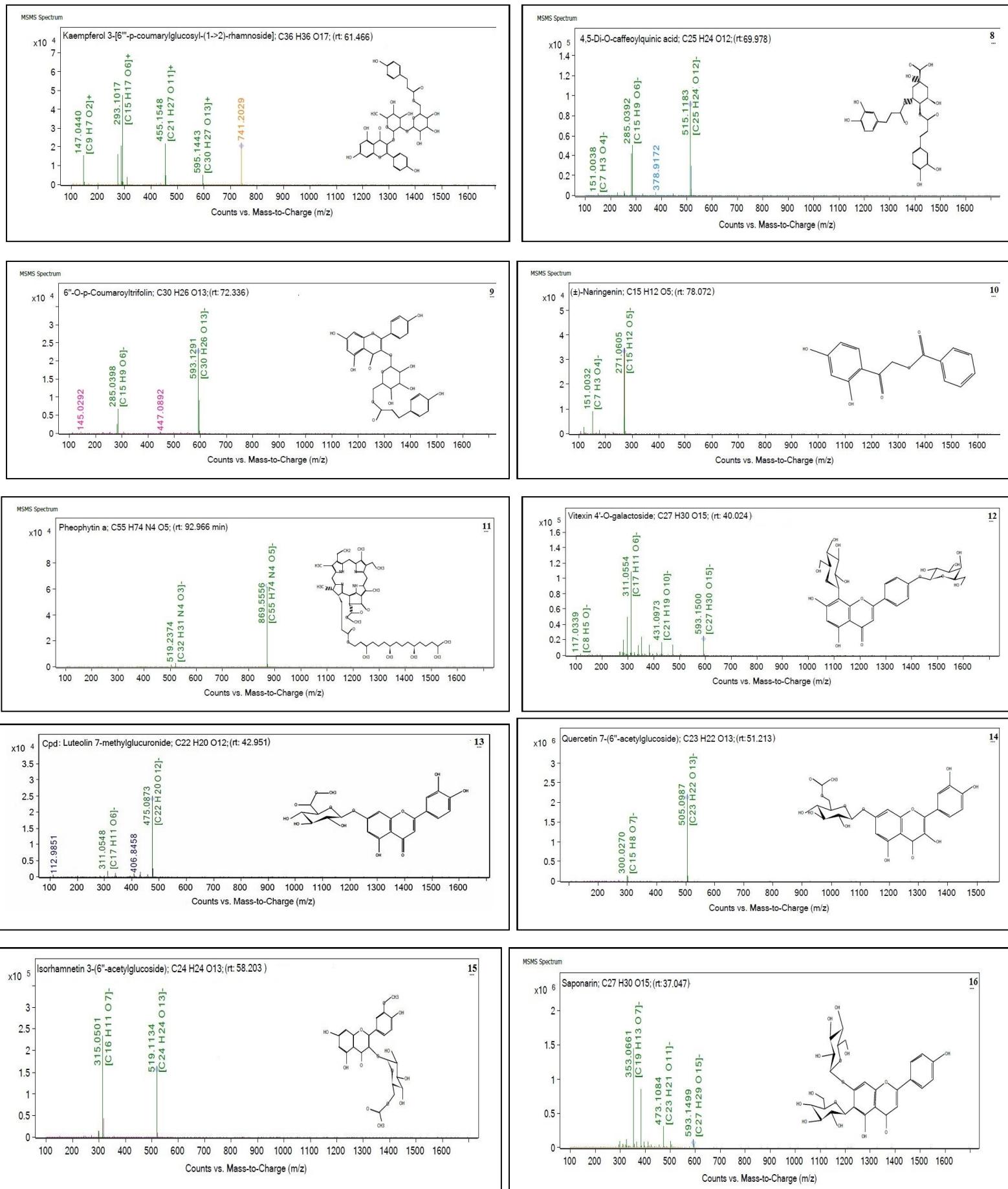
Supplementary Material

**Neuroprotective Assessment of Moringa oleifera Leaves Extract against Oxidative-Stress-Induced Cytotoxicity in SHSY5Y Neuroblastoma Cells**

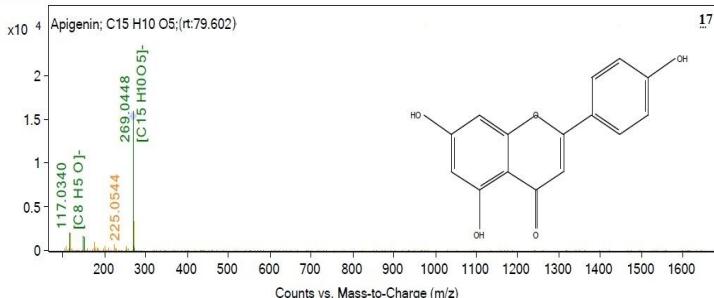
Farah Jabbar Hashim <sup>1,2,3</sup>, Sukanda Vichitphan <sup>2,4</sup>, Patcharee Boonsiri <sup>5</sup> and Kanit Vichitphan <sup>2,4,\*</sup>

**Figure S1.** Mass spectrum of antioxidant components of MLE, (1) Barbatoflavan; (2) Isorhamnetin; (3) Quercetin; (4) Quercetin 3-(6"-malonylglicoside)-7-rhamnoside; (5) Quercetin 3-O-(6-O-malonyl- $\beta$ -D-glucoside); (6) Quercetin 3-methyl ether; (7) Kaempferol 3-[6"-p-coumarylglicosyl-(1->2)-rhamnoside]; (8) 4,5-Di-O-caffeoylequinic acid; (9) 6"-O-p-Coumaroyltrifolin; (10) ( $\pm$ )-Naringenin; (11) Pheophytin; (12) Vitexin 4'-O-galactoside; (13) Luteolin 7-methyl glucuronide; (14) Quercetin 7-(6"-acetylglucoside); (15) Isorhamnetin 3-(6"-acetylglucoside); (16) Saponarin (apigenin-6-C-glucosyl-7-O-glucoside); (17) Apigenin; (18) Quercetin 3-galactoside; (19) Kaempferol; (20) Luteolin; (21) Luteolin 7-(6"-acetyl allosyl-(1->2)-glucoside); (22) L-Ascorbic acid-2-glucoside (AA2G); (23) Diosmetin; (24) Esculetin; (25) Apigenin 7-rhamnosyl-(1->2)-galacturonide; (26) Cartormin; (27) Kaempferol 4'-glucoside; (28) Eriodictyol; (29) Hesperetin; (30) Hydroxy tyrosol 1-O-glucoside (HT); (31) Gallic acid



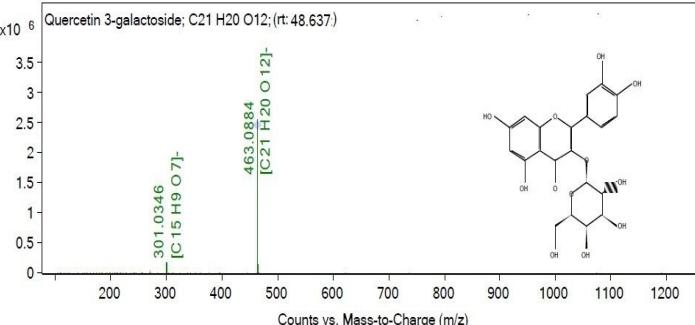


MSMS Spectrum



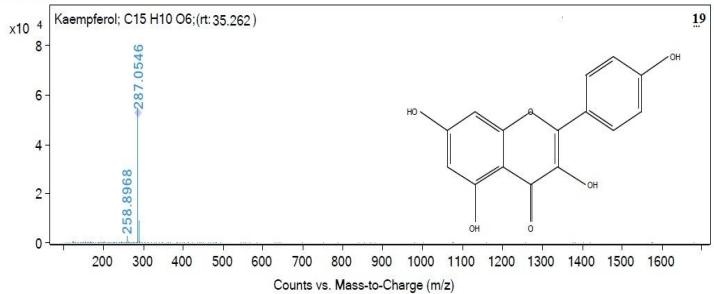
17

MSMS Spectrum



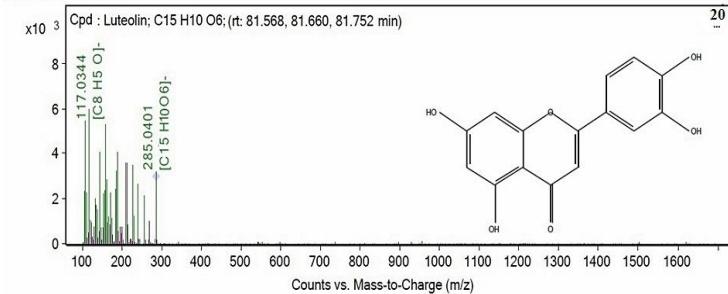
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MSMS Spectrum



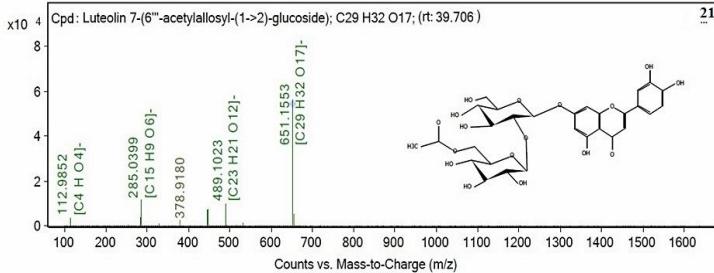
19

MSMS Spectrum



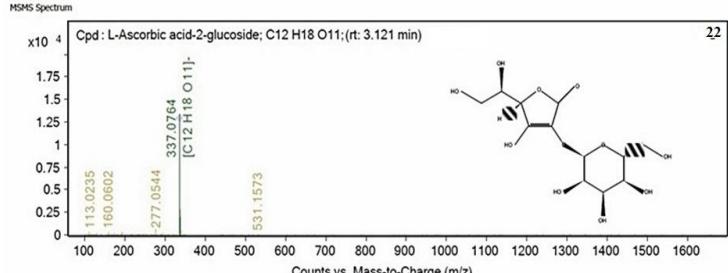
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MSMS Spectrum



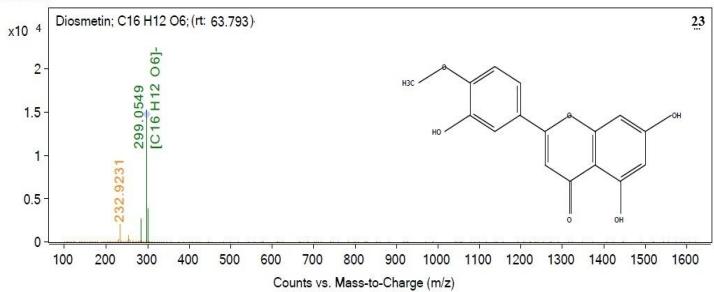
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MSMS Spectrum



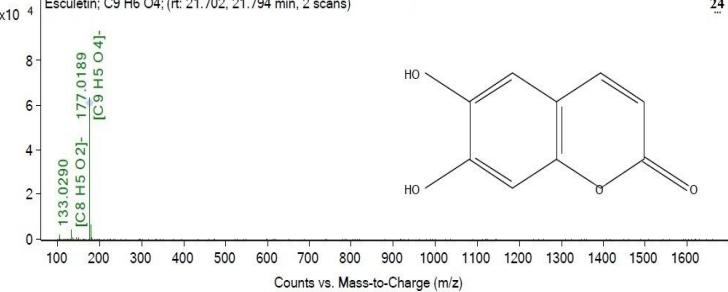
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MSMS Spectrum



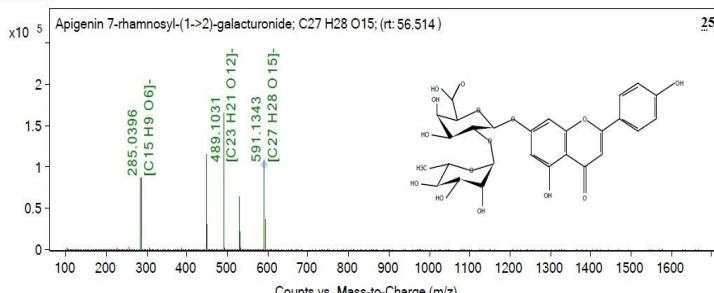
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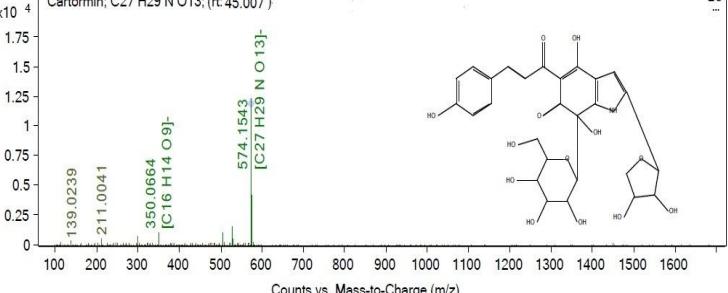
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MSMS Spectrum



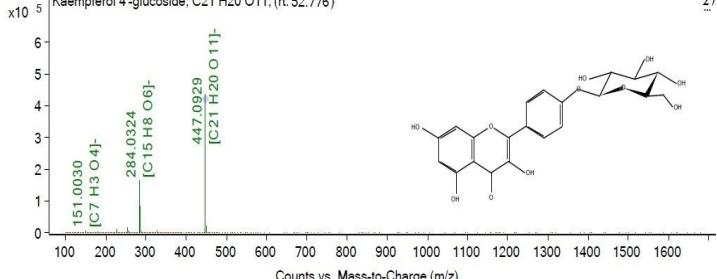
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MSMS Spectrum

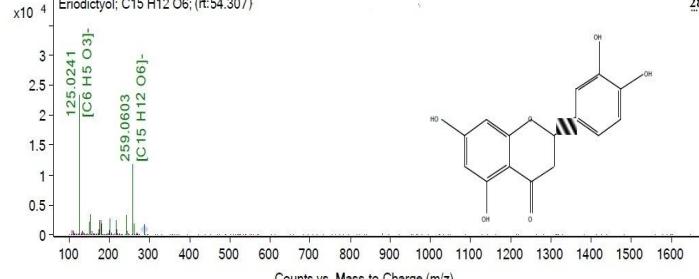


26

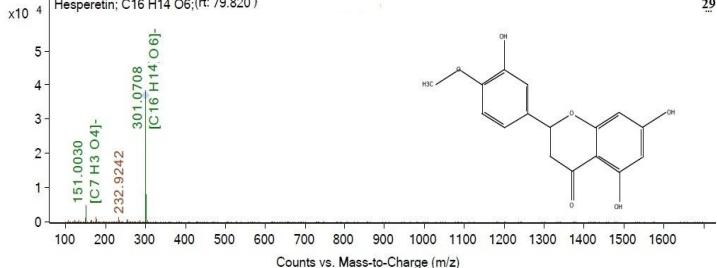
MSMS Spectrum

Kaempferol 4'-glucoside; C<sub>21</sub>H<sub>20</sub>O<sub>11</sub>; (rt: 52.776)

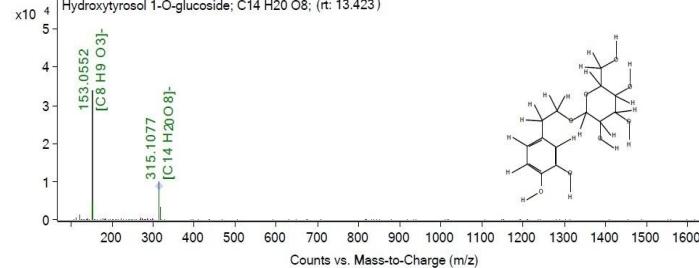
MSMS Spectrum

Eriodictyol; C<sub>15</sub>H<sub>12</sub>O<sub>6</sub>; (rt: 54.307)

MSMS Spectrum

Hesperetin; C<sub>16</sub>H<sub>14</sub>O<sub>6</sub>; (rt: 79.820)

MSMS Spectrum

Hydroxytyrosol 1-O-glucoside; C<sub>14</sub>H<sub>20</sub>O<sub>8</sub>; (rt: 13.423)Gallic acid; C<sub>7</sub>H<sub>6</sub>O<sub>5</sub>; (rt: 49.582)