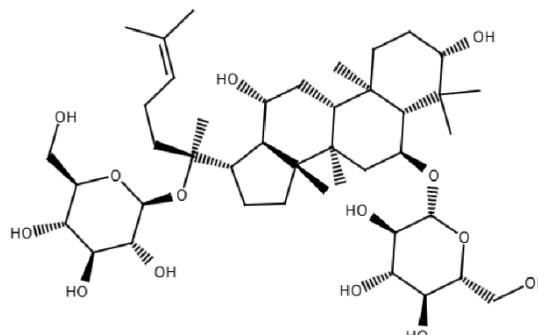
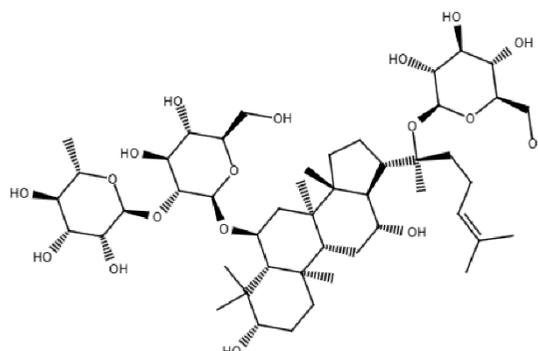
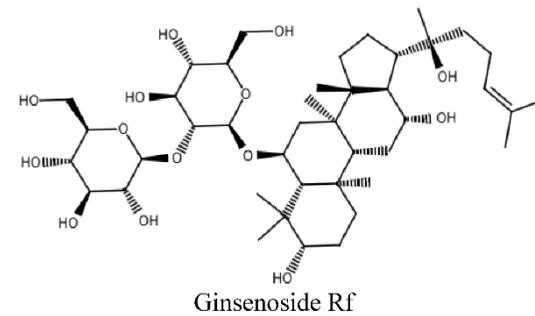


Table 1. Mass Spectrometry Analysis of Saponin Compounds in Ginseng.

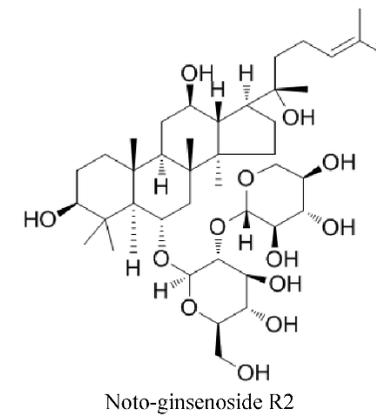
No.	tR/min	Identification	Formula	Ionic mode	Predicted	Fragmented ion	Content(%)	formula
1	8.85	Ginsenoside Rg1*	C <sub>42</sub> H <sub>72</sub> O <sub>14</sub>	[M-H]-	800.4928	799.4865,637.4331,475.3806	3.00%	 <p>Ginsenoside Rg1</p>
2	9.50	Ginsenoside Re*	C <sub>48</sub> H <sub>82</sub> O <sub>18</sub>	[M-H]-	946.5507	945.5466,783.4926,637.4343,475.3815	11.78%	 <p>Ginsenoside Re</p>

3	18.43	Ginsenoside Rf	$C_{42}H_{72}O_{14}$	[M-H]-	800.4928	799.4885, 637.4359, 475.3836, 304.9168
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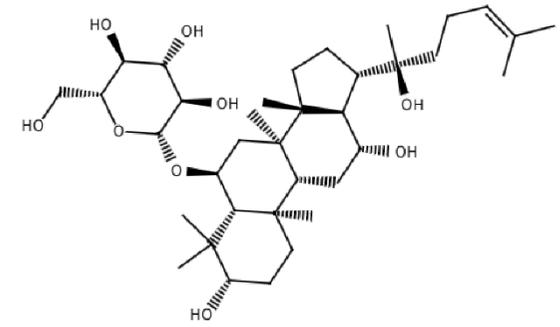
2.34%



4	19.05	Noto- ginsenoside R2	$C_{41}H_{70}O_{13}$	[M+HCOO]-	815.4830	769.4772, 637.4348, 475.3817
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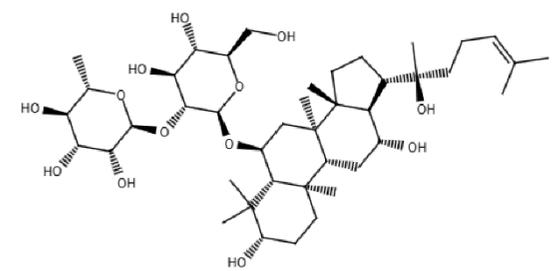


5	20.00	Ginsenoside Rh1	C <sub>36</sub> H <sub>62</sub> O <sub>9</sub>	[M+HCOO] <sup>-</sup>	683.4393	475.3802
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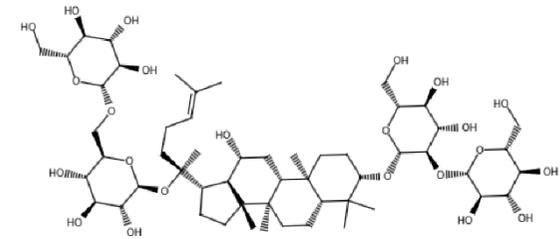
Ginsenoside Rh1

6	20.03	Ginsenoside Rg2*	C <sub>42</sub> H <sub>72</sub> O <sub>13</sub>	[M-H] <sup>-</sup>	784.4978	783.4932, 677.4998, 637.4354, 588.9855
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Ginsenoside Rg2

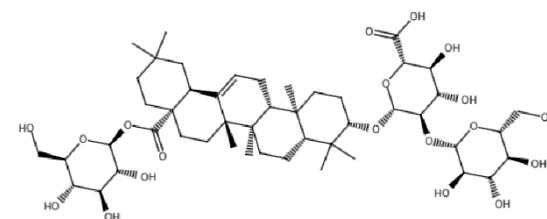
7	21.11	Ginsenoside Rb1*	C <sub>54</sub> H <sub>92</sub> O <sub>23</sub>	[M-H] <sup>-</sup>	1108.6035	1107.6005, 945.5458, 621.4399, 459.3867	21.28%
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Ginsenoside Rb1

8	22.15	Ginsenoside Ro*	C <sub>48</sub> H <sub>76</sub> O <sub>19</sub>	[M-H]-	956.4986	955.4946,793.4407,7 31.4437,523.3806
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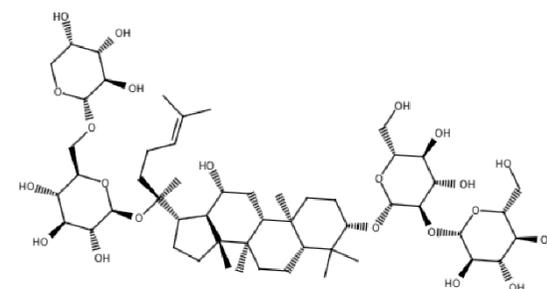
11.41%



Ginsenoside Ro

9	23.56	Ginsenoside Rb2*	C <sub>53</sub> H <sub>90</sub> O <sub>22</sub>	[M-H]-	1078.5929	1077.5890,945.5439, 915.5344,783.4934
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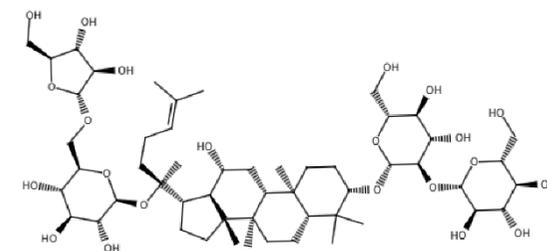
10.73%



Ginsenoside Rb2

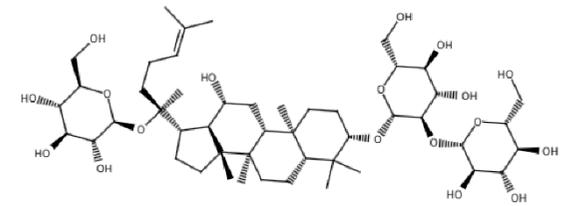
10	23.94	Ginsenoside Rc	C <sub>53</sub> H <sub>90</sub> O <sub>22</sub>	[M-H]-	1078.5929	1077.5894,945.5475, 621.4399,434.8747
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0.17%



Ginsenoside Rc

11 26.59 Ginsenoside Rd\* C<sub>48</sub>H<sub>82</sub>O<sub>18</sub> [M-H]<sup>-</sup> 946.5507 945.5474,783.4929,6 77.5012,621.4410 8.74%



Ginsenoside Rd