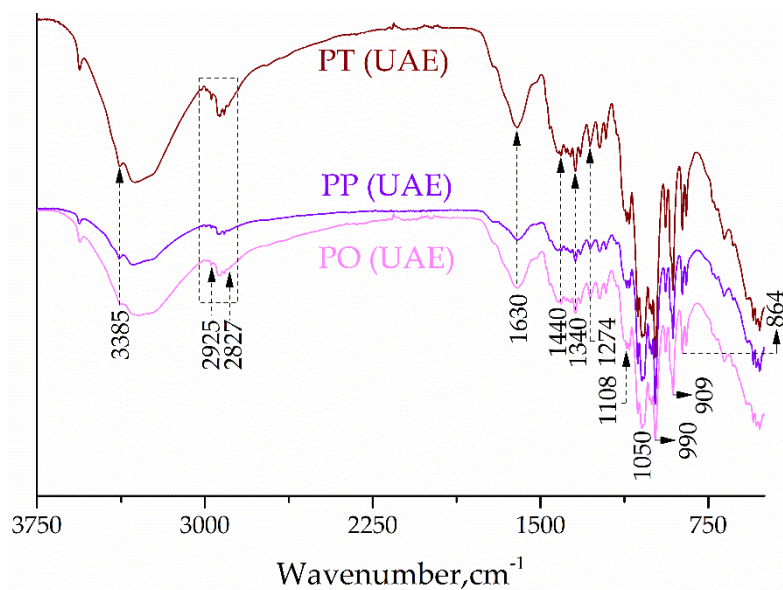
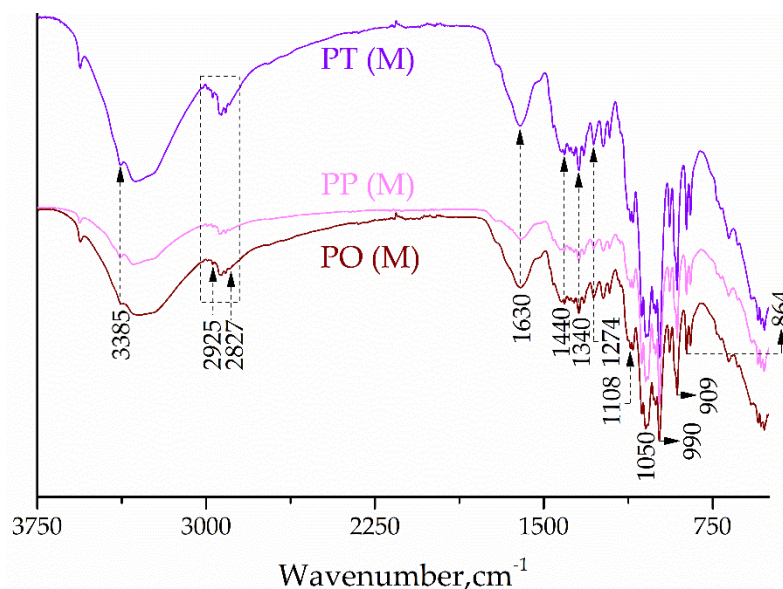


**Figure S1.** Preliminary screening of factor level's impact (locality and extraction procedure) on the total polyphenolic concentration (TPC) of *Paeonia tenuifolia* L. **(A)**, *Paeonia peregrina* Mill. **(B)**, and *Paeonia officinalis* L. **(C)** root extracts; GAE, gallic acid equivalents; MAE, microwave-assisted extraction; UAE, ultrasound-assisted extraction; M, maceration; values with different letters showed statistically significant difference (analysis of variance - one way ANOVA followed by Duncan's *post hoc* test,  $p < 0.05$ ;  $n = 3$ ).



**Figure S2.** ATR-FTIR spectra of the root extracts of *Paeonia tenuifolia* L. (PT), *Paeonia peregrina* Mill. (PP), and *Paeonia officinalis* L. (PO); UAE – ultrasound-assisted extraction



**Figure S3.** ATR-FTIR spectra of the root extracts of *Paeonia tenuifolia* L. (PT), *Paeonia peregrina* Mill. (PP), and *Paeonia officinalis* L. (PO); M – maceration

**Table S1.** Full factorial design for screening of factors' influence on total polyphenolic concentration (TPC) of root extracts of *Paeonia tenuifolia* L., *Paeonia peregrina* Mill., and *Paeonia officinalis* L., with the measured and predicted values.

Species	Locality	Extraction procedure	TPC [mg GAE*/mL]	
			Measured	Predicted
<i>Paeonia tenuifolia</i> L.	Gulenovci	MAE	77.2±2.6	76.8±2.1
	Gulenovci	UAE	87.9±1.4	87.7±2.1
	Deliblato	MAE	67.6±0.7	67.5±2.0
	<b>Deliblato sand</b>	<b>UAE</b>	<b>99.6±0.2</b>	<b>99.6±1.9</b>
<i>Paeonia peregrina</i> Mill.	<b>Pirot</b>	<b>MAE</b>	<b>161.2±2.2</b>	<b>161.1±3.5</b>
	Pirot	M	99.9±1.8	99.7±3.2
	Pančevo	MAE	143.7±2.6	143.2±3.1
	Pančevo	M	91.1±2.6	90.9±3.4
<i>Paeonia officinalis</i> L.	Rujevica	MAE	65.6±1.0	65.5±2.1
	Rujevica	M	35.0±1.5	35.0±1.9
	<b>Božurna</b>	<b>MAE</b>	<b>101.2±2.8</b>	<b>101.1±1.8</b>
	Božurna	M	82.6±1.6	82.5±2.0

\*GAE: gallic acid equivalent; Maceration (M); Microwave-assisted extraction (MAE); Ultrasound-assisted extraction (UAE)

**Table S2.** Characterisation of detected bioactive compounds in selected *Peonie* root teas before and after *in vitro* GID, using UHPLC-QToF-MS. Target compounds, expected retention time (RT), base peak, molecular formula, calculated mass, exact mass and MS<sup>2</sup> fragments are presented.

No	RT	Compound name	Formula	Calculated mass	<i>m/z</i> exact mass	<i>m</i> Da	MS fragments
<i>Phenolic acids and derivatives</i>							
<i>Gallic acid and derivatives</i>							
1	1.14	Gallic acid	C <sub>7</sub> H <sub>5</sub> O <sub>5</sub> <sup>-</sup>	169.01370	169.01443	-0.73	107.01391(12), 123.00844(12), 124.01635(76), <b>125.02413(100)</b> , 126.02718(8)
2	4.24	Methyl gallate	C <sub>8</sub> H <sub>7</sub> O <sub>5</sub> <sup>-</sup>	183.02930	183.02825	1.05	106.00613(4), 123.00874(4), <b>124.01629(100)</b> , 125.02(8)
3	1.75	Gallic acid derivative	C <sub>10</sub> H <sub>11</sub> O <sub>7</sub> <sup>-</sup>	243.05050	243.05244	-1.94	107.01344(9), 123.00887(8), <b>124.01625(100)</b> , 125.02312(29), 168.00758(2), <b>169.01439(9)</b>
4	3.77	Digallic acid isomer I	C <sub>14</sub> H <sub>9</sub> O <sub>9</sub> <sup>-</sup>	321.02470	321.02654	-1.84	<b>125.02403(100)</b> , 126.02838(6), <b>169.01388(65)</b> , 170.01809(5)
5	5.59	Digallic acid isomer II	C <sub>14</sub> H <sub>9</sub> O <sub>9</sub> <sup>-</sup>	321.02470	321.02743	-2.73	<b>125.02427(100)</b> , 126.02755(8), <b>169.01395(65)</b> , 170.01726(6)
6	0.90	Gallic acid hexoside	C <sub>13</sub> H <sub>15</sub> O <sub>10</sub> <sup>-</sup>	331.06650	331.06817	-1.67	107.01397(6), 123.00845(6), <b>124.01598(33)</b> , <b>125.02385(65)</b> , 168.00629(20), <b>169.01409(100)</b>
7	8.02	Methyl digallate	C <sub>15</sub> H <sub>11</sub> O <sub>9</sub> <sup>-</sup>	335.04030	335.04267	-2.37	<b>124.01643(46)</b> , 125.02152(5), 168.00576(9), 169.01352(5), <b>183.03013(100)</b> , 184.03288(10), <b>335.11527(2)</b>
8	1.75	Methyl gallic acid hexoside	C <sub>14</sub> H <sub>17</sub> O <sub>10</sub> <sup>-</sup>	345.08220	345.08617	-3.97	107.01447(30), 123.00877(60), 124.01631(44), <b>125.02357(46)</b> , 168.0063(27), <b>169.01243(53)</b> , <b>183.02919(100)</b>
9	7.34	Galloyl-vanilloyl-rhamoside	C <sub>21</sub> H <sub>21</sub> O <sub>12</sub> <sup>-</sup>	465.10330	465.10780	-4.5	<b>125.02435(100)</b> , 151.03506(6), <b>152.0114(25)</b> , 217.0503(13), 259.06067(24), 275.05562(26), 285.04029(44), 437.11006(24), 465.10427(10)
10	1.00	Gallic acid dihexoside	C <sub>19</sub> H <sub>25</sub> O <sub>15</sub> <sup>-</sup>	493.11930	493.12260	-3.30	125.02384(18), 151.00411(18), <b>169.01422(95)</b> , 170.01728(9), 211.02467(8), 223.02426(8), 241.0353(11), 271.04636(31), 283.04582(33), <b>313.0571(100)</b> , 314.06049(17), <b>331.06745(13)</b> , 493.12092(43)
11	5.93	Galloyl-HHDP-hexose isomer II	C <sub>27</sub> H <sub>21</sub> O <sub>18</sub> <sup>-</sup>	633.07280	633.07382	-1.02	169.01383(6), 275.01953(14), <b>300.99944(100)</b> , 302.00219(18), 303.00463(3), 313.05586(2), 463.05151(9), 483.07984(2), 633.07382(38)
12	2.89	Galloyl-HHDP-hexose isomer I	C <sub>27</sub> H <sub>21</sub> O <sub>18</sub> <sup>-</sup>	633.07280	633.07577	-2.97	169.01297(8), 275.02003(18), 276.02319(3), <b>300.99915(100)</b> , 302.00128(18), 463.05188(10), 481.06299(11), 633.07577(16)
13	6.80	Trigalloyl-hexoside	C <sub>27</sub> H <sub>23</sub> O <sub>18</sub> <sup>-</sup>	635.08840	635.09260	-4.20	125.02319(5), <b>169.01359(33)</b> , 170.01952(3), 193.01332(3), 211.02546(3), 223.02472(2), <b>313.05705(31)</b> , <b>465.06726(100)</b> , 466.07048(30), 467.07544(6), 483.07466(5), 635.08707(2)
14	8.15	Digalloyl-HHDP-protoquercitol	C <sub>34</sub> H <sub>27</sub> O <sub>21</sub> <sup>+</sup>	771.10450	771.10856	-4.06	<b>125.02395(2)</b> , 127.03941(4), <b>153.01948(100)</b> , 154.02237(10), 233.04528(2), 279.05108(3), 305.02931(1)
15	7.55	Tetragalloyl-hexoside	C <sub>34</sub> H <sub>27</sub> O <sub>22</sub> <sup>-</sup>	787.09940	787.10066	-1.26	125.02408(4), <b>169.01365(35)</b> , 295.04601(11), <b>313.05651(5)</b> , 447.05715(10), 465.06804(24), <b>617.07864(45)</b> , 618.08311(16), 635.08994(35), 636.09267(11), <b>787.10066(100)</b> , 788.10351(47)
16	7.95	Pentagalloyl-hexoside	C <sub>41</sub> H <sub>31</sub> O <sub>26</sub> <sup>-</sup>	939.11040	939.11237	-1.97	<b>169.01396(12)</b> , 431.06149(5), 447.05781(6), 599.06893(5), 601.08286(5), 617.0801(15), <b>769.09121(78)</b> , 770.09408(35), 787.10071(9), <b>939.11237(100)</b> , 940.1152(57)
<i>Ellagic acid and derivatives</i>							
17	7.68	Ellagic acid	C <sub>14</sub> H <sub>5</sub> O <sub>8</sub> <sup>-</sup>	300.99840	301.00097	-2.57	125.02388(6), 145.02898(9), 157.02928(4), 173.02432(9), 185.02407(11), 201.01864(12), 217.01543(4), 226.99896(5), 229.01379(18), 245.00886(11), 257.00902(7), 283.99642(18), 299.9908(18), <b>300.99841(100)</b>
18	8.42	Methyl ellagic acid	C <sub>15</sub> H <sub>7</sub> O <sub>8</sub> <sup>-</sup>	315.01410	315.01710	-3.00	216.0064(5), 228.00601(1), 298.98408(1), <b>299.99116(100)</b> , 300.99505(18)
19	9.57	Dimethyl ellagic acid	C <sub>16</sub> H <sub>9</sub> O <sub>8</sub> <sup>-</sup>	329.02970	329.03194	-2.24	270.98904(73), 271.99193(12), 283.99568(1), 285.00451(2), <b>298.98302(100)</b> , <b>299.98723(18)</b> , 300.98859(3), <b>314.00732(17)</b> , 315.01067(3)
20	10.8 5	Trimethyl ellagic acid	C <sub>17</sub> H <sub>11</sub> O <sub>8</sub> <sup>-</sup>	343.04540	343.04668	-1.28	269.9802(17), 270.98487(2), 285.00418(22), 286.0079(4), <b>297.97598(65)</b> , 298.97948(13), 299.98374(2), <b>312.99909(100)</b> , 314.00247(19), 315.00438(3), <b>328.02256(10)</b> , 329.0265(2)
21	6.87	Ellagic acid hexoside	C <sub>20</sub> H <sub>15</sub> O <sub>13</sub> <sup>-</sup>	463.05130	463.05601	-4.71	299.99183(70), <b>300.99829(100)</b> , 302.00177(17), 463.05277(14)
22	7.55	Methyl ellagic acid hexoside	C <sub>21</sub> H <sub>17</sub> O <sub>13</sub> <sup>-</sup>	477.06690	477.07058	-3.68	121.02928(15), 137.0228(2), 245.08164(3), 270.98938(3), 289.071(12), 298.98325(14), <b>299.99098(43)</b> , 300.99478(10), 314.00647(22), <b>315.01462(100)</b> , 316.01712(19), 317.01938(3), 477.06888(11)

<i>Other phenolic acid and its glycosides</i>							
23	3.09	Hydroxybenzoic acid	C <sub>7</sub> H <sub>5</sub> O <sub>3</sub> <sup>-</sup>	137.02390	137.02422	-0.32	/
24	1.88	Dihydroxybenzoic acid isomer I	C <sub>7</sub> H <sub>5</sub> O <sub>4</sub> <sup>-</sup>	153.01880	153.01946	-0.66	107.01064(10), <b>108.01956(100)</b> , 109.02881(82)
25	5.12	Dihydroxybenzoic acid isomer II	C <sub>7</sub> H <sub>5</sub> O <sub>4</sub> <sup>-</sup>	153.01880	153.01911	-0.31	<b>107.0123(100)</b> , 109.02803(17)
26	2.36	Dihydroxybenzoic acid hexoside	C <sub>13</sub> H <sub>15</sub> O <sub>9</sub> <sup>-</sup>	315.07160	315.07520	-3.60	108.02123(13), <b>109.02917(100)</b> , 110.03293(7), 152.01062(21), <b>153.0189(57)</b> , 315.0696(2)
27	2.96	Vanillic acid hexoside	C <sub>14</sub> H <sub>17</sub> O <sub>9</sub> <sup>-</sup>	329.08730	329.08958	-2.28	107.01288(9), 108.02132(16), 121.02787(18), 122.03681(20), <b>123.04492(100)</b> , 151.0045(19), 152.01052(23), 166.02598(19), <b>167.03379(49)</b>
<i>Flavonoids and derivatives</i>							
<i>Flavan-3-ols and procyanidins</i>							
28	5.29	Catechin	C <sub>15</sub> H <sub>13</sub> O <sub>6</sub> <sup>-</sup>	289.07120	289.07260	-1.40	109.02935(99), 121.02937(29), <b>123.04498(100)</b> , 125.02435(44), 137.02437(26), 138.03108(11), 149.02482(16), 151.03982(31), 159.04507(11), 161.0587(15), 164.01307(12), 187.04006(12), 203.07071(21), 221.08194(13)
29	6.63	Epicatechin	C <sub>15</sub> H <sub>13</sub> O <sub>6</sub> <sup>-</sup>	289.07120	289.07259	-1.39	109.02954(94), 121.02973(28), 122.03668(17), <b>123.04502(100)</b> , 125.02442(41), 137.02444(30), 149.025(15), 151.03999(32), 159.04542(11), 161.05922(14), 164.01304(13), 187.03949(11), 188.04753(11), 203.07075(21), 221.08248(13)
30	6.54	Methyl epigallocatechin	C <sub>16</sub> H <sub>15</sub> O <sub>7</sub> <sup>-</sup>	319.08180	319.08293	-1.13	121.02877(19), <b>125.02406(100)</b> , 126.0278(9), 137.02401(16), 149.02384(5), 161.02384(32), 162.02964(9), 164.01128(46), 165.01799(25), 175.04116(3), 203.03594(3)
31	7.68	Epicatechin-gallate	C <sub>22</sub> H <sub>17</sub> O <sub>10</sub> <sup>-</sup>	441.08220	441.08941	-7.21	109.02933(6), 124.01656(12), 125.02396(47), 137.02411(7), 151.0386(7), <b>169.01398(100)</b> , 179.03487(4), 193.01296(4), 203.07093(7), 205.05023(8), 245.08159(16), <b>289.07096(26)</b> , 290.07692(4)
32	4.18	Catechin hexoside	C <sub>21</sub> H <sub>23</sub> O <sub>11</sub> <sup>-</sup>	451.12400	451.12584	-1.84	109.02893(13), 123.04501(8), 125.02392(17), 137.02506(11), 149.02424(6), 151.04064(9), 165.01992(7), 179.03456(11), 203.07116(17), 221.08245(4), 245.08188(47), <b>289.07176(100)</b> , 290.0749(20)
33	5.73	Epicatechin-hexoside	C <sub>21</sub> H <sub>25</sub> O <sub>11</sub> <sup>+</sup>	453.13970	453.14384	-4.14	123.04507(47), 124.04734(5), 127.03965(3), <b>139.04014(100)</b> , 147.04498(15), 151.04276(2), 163.04196(3), 165.0554(19), 179.07106(2), 207.06507(9), 273.07562(3), <b>291.08474(3)</b>
34	4.51	B type procyanidin dimer isomer I	C <sub>30</sub> H <sub>25</sub> O <sub>12</sub> <sup>-</sup>	577.13515	577.13795	-2.80	125.02456(61), 161.02495(20), 245.07988(22), <b>289.07221(100)</b> , 339.08737(9), 407.07872(69)
35	6.33	B type procyanidin dimer isomer II	C <sub>30</sub> H <sub>25</sub> O <sub>12</sub> <sup>-</sup>	577.13515	577.13723	-2.08	125.02419(69), 161.02427(21), 245.08000(24), <b>289.07174(100)</b> , 339.08743(9), 407.07850(82)
36	6.63	Chalcan flavan-3-ols dimer isomer II	C <sub>30</sub> H <sub>27</sub> O <sub>12</sub> <sup>-</sup>	579.15030	579.15511	-4.81	109.02957(7), 123.04512(4), 125.02411(9), 137.02398(7), 179.03478(9), 203.07122(10), 205.05053(10), 245.08177(34), 246.08548(6), 249.08046(11), <b>289.07228(100)</b> , 290.0755(19)
37	5.29	Chalcan flavan-3-ol dimer isomer I	C <sub>30</sub> H <sub>27</sub> O <sub>12</sub> <sup>-</sup>	579.15030	579.15287	-2.57	109.02947(6), 123.04492(3), 125.02454(9), 137.02442(6), 151.03967(4), 161.05986(2), 165.01921(4), 179.03486(8), 203.07166(9), 205.05112(9), 245.08274(32), <b>289.07199(100)</b> , 290.07574(19)
38	6.19	Methyl B type prodelphinidin	C <sub>31</sub> H <sub>27</sub> O <sub>13</sub> <sup>-</sup>	607.14572	607.14904	-3.33	<b>125.02417(100)</b> , 161.02352(28), 243.03135(27), 261.03951(13), <b>287.05543(33)</b> , 405.06185(11)
39	6.02	Procyanidin trimer B type isomer I	C <sub>45</sub> H <sub>37</sub> O <sub>18</sub> <sup>-</sup>	865.19800	865.19890	-0.90	125.02426(79), 243.03073(23), <b>287.05641(100)</b> , 289.07077(69), 407.07849(70), 413.08807(32), 425.08796(46), 449.08803(26), 451.10294(33), 575.11956(34), <b>577.13507(58)</b> , 695.1413(43), 713.15203(24), 865.1989(35), 866.20364(24)
40	6.93	Procyanidin trimer B type isomer II	C <sub>45</sub> H <sub>37</sub> O <sub>18</sub> <sup>-</sup>	865.19800	865.19733	0.67	125.02404(99), 161.02504(26), <b>287.05528(100)</b> , 289.07164(66), 407.07683(77), 413.08747(39), 425.08753(58), 449.08883(29), 451.10247(39), 575.11963(44), <b>577.13561(58)</b> , 695.14215(38), 713.14768(31), 865.19733(32), 866.20019(27)
<i>Other detected flavonoids</i>							
41	10.1	Kaempferol	C <sub>15</sub> H <sub>9</sub> O <sub>6</sub> <sup>-</sup>	285.03990	285.04097	-1.07	107.01327(8), 143.05034(7), 145.03047(7), 151.00397(5), 157.06081(6), 159.04471(13), 185.06073(13), 187.0395(11), 211.04083(7), 214.02871(6), 229.05056(11), 239.03424(9), <b>285.03994(100)</b> , 286.04366(21)
42	9.91	Naringenin	C <sub>15</sub> H <sub>11</sub> O <sub>5</sub> <sup>-</sup>	271.06060	271.06201	-1.41	107.01443(26), <b>119.0502(100)</b> , 123.0446(38), 125.02393(7), <b>151.00323(30)</b> , 152.00829(3), 161.05956(3), 165.01893(3), 167.03416(18), 177.01894(4), 185.0627(2), 187.0508(3), 189.05406(7)

43	8.49	Phloridzin	C <sub>21</sub> H <sub>23</sub> O <sub>10</sub> <sup>-</sup>	435.12910	435.12768	1.42	119.0504(4), 123.04442(12), 125.02413(17), <b>167.03483(100)</b> , 168.0311(13), 179.03475(12), <b>273.07683(60)</b> , 274.07959(12)
<i>Peonia root terpenoids</i>							
44	9.97	Nor-paeonilactone	C <sub>9</sub> H <sub>15</sub> O <sub>2</sub> <sup>+</sup>	155.10720	155.10880	-1.60	103.05831(35), 105.06789(21), 107.08606(29), 110.98355(21), 111.04547(28), 115.05664(71), 116.97745(87), 127.05882(41), <b>128.06025(100)</b> , 129.07032(34), 131.07962(24), 144.09357(22), 156.07957(20), 157.07408(22), 158.09685(25)
45	6.40	Paeoveitol D	C <sub>10</sub> H <sub>11</sub> O <sub>3</sub> <sup>+</sup>	179.07080	179.07217	-1.37	<b>103.05503(100)</b> , 105.03189(10), <b>105.07108(82)</b> , 106.07323(22), 107.05239(28), 108.05868(26), 115.05622(12), 117.06879(14), 118.04748(20), 121.06358(13), 123.0432(17), 133.06625(15), 137.06064(14), 147.07017(11)
46	6.93	Paeonisoethujone	C <sub>10</sub> H <sub>15</sub> O <sub>3</sub> <sup>+</sup>	183.10210	183.10219	-0.09	103.05502(35), 104.06195(21), 105.07028(23), 107.04943(11), 109.06526(14), 113.06101(18), 115.05534(20), 117.07058(64), 118.07414(10), <b>119.08661(100)</b> , 120.09063(12), 121.06599(21), 132.05737(20), 147.08113(11)
47	6.60	Paeonilactone B	C <sub>10</sub> H <sub>13</sub> O <sub>4</sub> <sup>+</sup>	197.08140	197.08347	-2.07	108.02146(35), 119.04954(4), 123.04508(80), 124.04883(7), 136.01797(4), <b>151.03983(100)</b> , 152.04355(12)
48	3.50	Paeonilactone A	C <sub>10</sub> H <sub>15</sub> O <sub>4</sub> <sup>+</sup>	199.09700	199.09852	-1.52	105.07061(46), <b>107.05018(100)</b> , 108.05485(14), 109.06747(21), 111.083(12), 115.05495(57), 117.06995(65), 119.08594(15), 123.08093(10), 125.0969(10), 135.08133(94)
49	2.62	9-Hydroxypaeonilactone A	C <sub>10</sub> H <sub>15</sub> O <sub>5</sub> <sup>+</sup>	215.09190	215.09411	-2.21	109.06581(83), 110.06978(10), 125.06083(6), 126.09247(6), <b>127.07618(100)</b> , 128.07962(11), 137.06052(32), 138.06538(4), 155.07111(47), 172.07668(6), 198.11391(4)
50	10.3	Paeoniflorigenone	C <sub>17</sub> H <sub>19</sub> O <sub>6</sub> <sup>+</sup>	319.11762	319.12118	-3.57	<b>105.03426(100)</b> , 133.06563(10), 137.06054(18), 151.07599(11), 179.07131(19)
51	5.82	Oxypaeoniflorin	C <sub>23</sub> H <sub>27</sub> O <sub>12</sub> <sup>-</sup>	495.15030	495.15174	-1.44	<b>137.024(100)</b> , 138.02759(8), 151.041(2), 165.05549(7), 177.05571(5), 195.06596(4), 281.06702(4), 333.09801(3), 345.11916(2), 465.14178(3), 495.15188(9)
52	8.90	Mudanpioside D	C <sub>24</sub> H <sub>29</sub> O <sub>12</sub> <sup>-</sup>	509.16590	509.17478	-8.88	<b>121.02881(100)</b> , 122.03155(13), 123.04305(6), 152.0098(7), 153.00127(6), 167.03275(14), 169.01321(9), 227.13876(6), 333.02808(8), 347.17663(9), 465.20628(7), 509.17994(6)
53	7.07	Paeoniflorin+HCOOH	C <sub>24</sub> H <sub>29</sub> O <sub>13</sub> <sup>-</sup>	525.16080	525.16398	-3.18	113.02443(4), <b>121.02931(100)</b> , 122.0331(9), 165.05583(10), 177.05564(2), 327.10898(4)
54	7.75	Albiflorin+HCOOH	C <sub>24</sub> H <sub>29</sub> O <sub>13</sub> <sup>-</sup>	525.16080	525.16361	-2.81	113.02422(4), <b>121.02911(100)</b> , 122.03275(9), 165.05557(9), 177.05555(2), 327.10913(3)
55	2.59	Galloyl desbenzoyl paeoniflorin	C <sub>23</sub> H <sub>27</sub> O <sub>14</sub> <sup>-</sup>	527.14010	527.14182	-1.72	123.0082(5), 124.01619(7), 125.02411(7), 151.00367(7), 165.055(13), 168.00677(5), 169.01362(67), 271.09703(6), 279.05119(7), 313.0562(15), 497.128(13), <b>527.14182(100)</b> , 528.14457(32)
56	10.1	Benzoyl paeoniflorin	C <sub>30</sub> H <sub>33</sub> O <sub>12</sub> <sup>+</sup>	585.19720	585.20263	-5.43	<b>105.03473(100)</b> , 106.0376(10), 109.02798(5), 121.06425(3), 123.04621(5), 127.04(4), 133.06555(9), 151.07716(10), 153.01581(3), 161.05998(3), 179.06945(4), 197.08179(9), 249.07663(10), 267.08642(3)
57	9.91	Mudanpioside J	C <sub>31</sub> H <sub>33</sub> O <sub>14</sub> <sup>-</sup>	629.18700	629.19505	-8.05	<b>121.02932(100)</b> , 122.0328(9), 135.04493(2), 165.05529(5), 177.05463(2), 431.13521(1)
58	7.87	Galloyl-paeoniflorin	C <sub>30</sub> H <sub>31</sub> O <sub>15</sub> <sup>-</sup>	631.16684	631.16919	-2.34	169.01421(34), 271.04647(59), 313.05735(62), 491.12065(45), 613.15807(59), <b>631.16841(100)</b>