

Supplementary Material

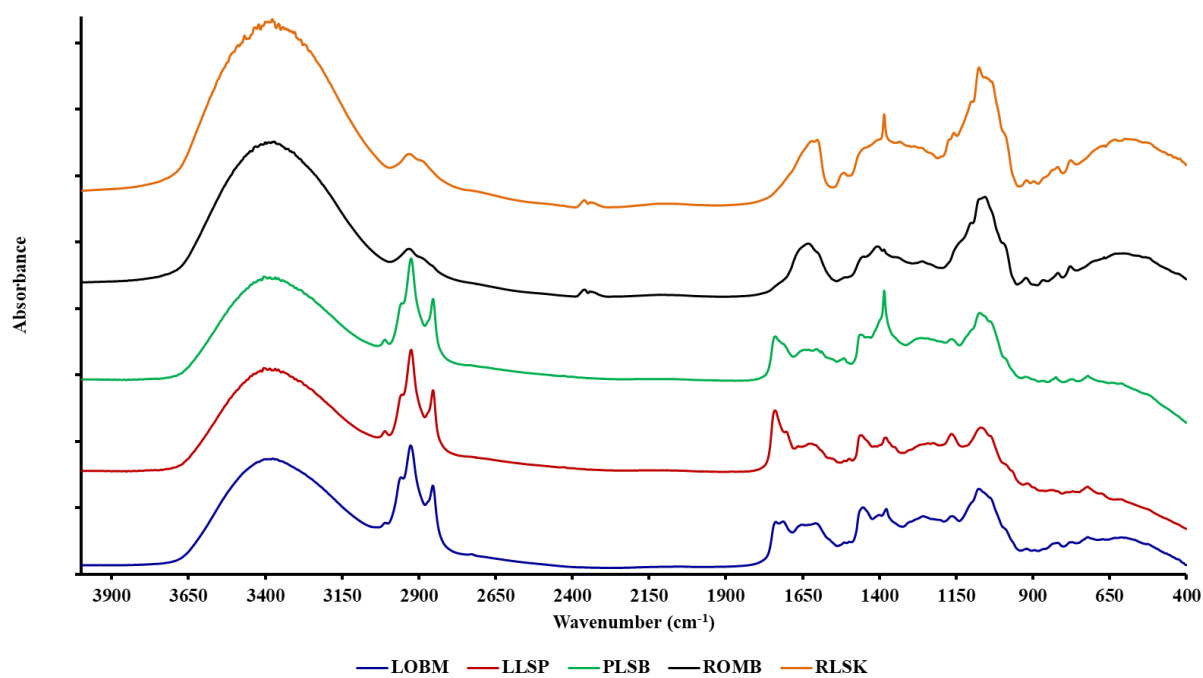


Figure S1. FTIR spectra of a 70% ethanol extract of *C. orchoides* and *C. latifolia* plant parts.

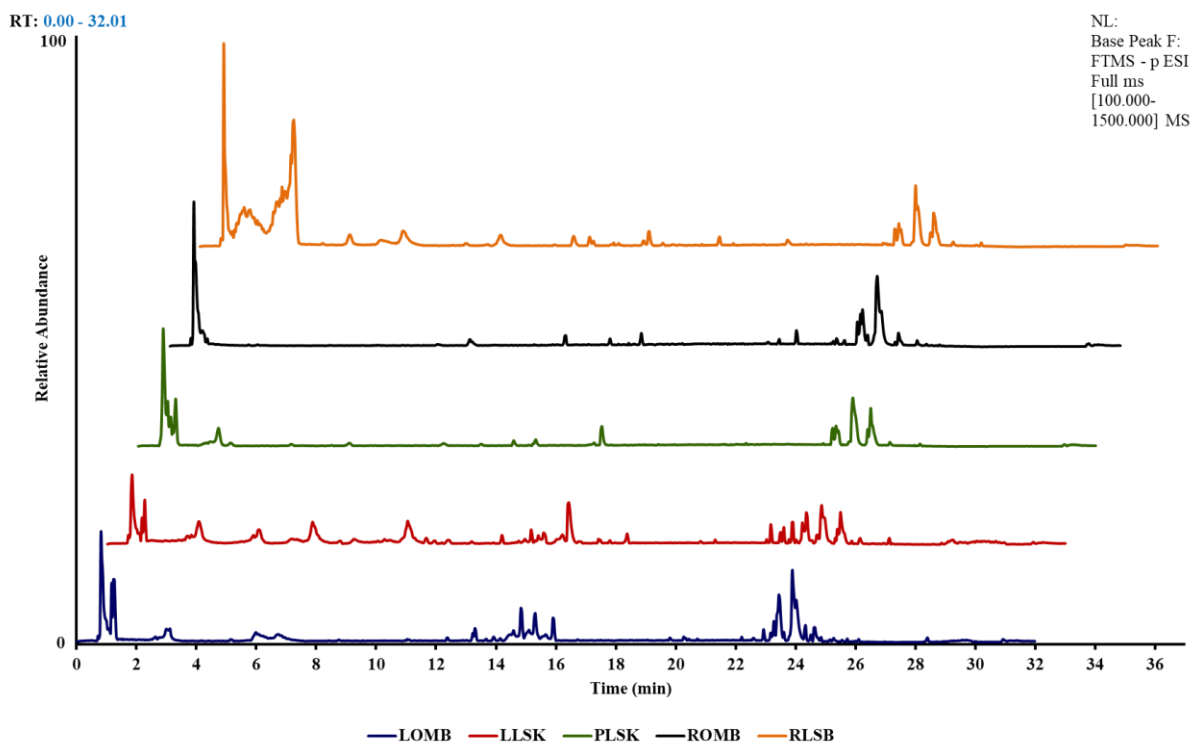


Figure S2. A typical total ion chromatograms profiles of 70% ethanol extracts of *C. orchoides* and *C. latifolia* plant parts.

Table S1. The chemical compounds identified in all sample extracts of *Curculigo orchioides* and *Curculigo latifolia*.

RT [min]	Metabolite name	Molecul Formula	[M + H] ⁺ [M – H] [–]	Obs. Mass	Cal. Mass	Error mass (ppm)	MS/MS Fragments	Chemical Type
ROBM (Rhizome Orchioides Barru)								
0.80	Unknown-1*	C ₁₀ H ₁₃ N ₄ O ₉	[M + H] ⁺	333.068	333.068	0.00	-	-
0.88	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M – H] [–]	475.128	475.132	-8.11	457.114; 445.114; 387.108	Phenolic
0.88	Ethyl 3,4-dihydroxybenzoate	C ₉ H ₁₀ O ₄	[M – H] [–]	181.059	181.058	5.49	153.019; 151.003; 137.024; 135.008	Phenolic
0.88	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M – H] [–]	297.082	297.084	-7.81	281.045; 269.081	Phenolic
1.20	Unknown-2	C ₄ H ₁₂ N ₆	[M+2H] ²⁺	144.113	144.112	6.94	112.087; 70.066	-
1.37	Unknown-3	C ₃₀ H ₂₆ O	[M + H] ⁺	402.198	402.198	0.00	-	-
2.85	Unknown-4	CH ₂ NO ₇	[M + H] ⁺	139.982	139.983	-7.14	-	-
3.12	Unknown-5	C ₁₂ H ₂₂ O ₁₆	[M – H] [–]	422.092	422.091	2.37	-	-
10.15	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M + H] ⁺	463.149	463.153	-6.89	350.143; 213.143	Phenolic glycosides
12.31	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.136	453.132	8.26	290.271; 276.244	Phenolic glycosides
13.17	Unknown-6	C ₉ H ₁₁ O ₅	[M + H] ⁺	199.059	199.060	-5.02	181.049; 128.951	-
13.48	Unknown-7	C ₁₃ H ₂₈ O ₂₀	[M + H] ⁺	504.122	504.117	0.01	-	-
13.49	Unknown-8	C ₃₆ H ₃₁ O ₁₀	[M – H] [–]	623.195	623.192	0.01	-	-
15.11	(1S,2R)-O-Methylnyasicoside	C ₂₄ H ₂₈ O ₁₁	[M + H] ⁺	493.167	493.163	7.60	475.159; 313.117	Norlignan glycosides
17.83	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.489	783.482	9.04	621.867; 459.726	Cycloartane
18.99	Lycorine	C ₁₆ H ₁₇ NO ₄	[M – H] [–]	286.118	286.116	7.86	270.076; 268.097; 258.076; 256.097	Alkaloid
20.26	Unknown-9	C ₆₅ H ₅₆ O ₃	[M + H] ⁺	884.428	884.423	5.65	-	-
20.67	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M + H] ⁺	769.470	769.466	5.50	606.413; 474.370	Cycloartane
24.66	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] [–]	461.157	461.153	9.35	443.134; 433.150; 371.113	Phenolic glycosides
26.03	Unknown-10	C ₇ H ₁₂ NO ₁₂	[M – H] [–]	302.038	302.036	6.62	-	-
30.90	Unknown-11	C ₁₂ H ₄ O ₅	[M + H] ⁺	228.007	228.005	8.77	-	-
ROMB (Rhizome Orchioides Maros)								
0.90	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M – H] [–]	475.1285	475.132	-7.06	457.114; 445.114; 387.108	Phenolic
1.51	Unknown-12	C ₆ H ₁₅ N ₂ O ₁₈	[M + H] ⁺	403.032	403.032	0.00	-	-
2.76	Orcinol glycoside	C ₁₃ H ₁₈ O ₇	[M + H] ⁺	287.1083	287.105	10.63	269.100; 256.121; 254.993; 251.093; 237.020	Phenolic glycosides
3.06	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.1157	288.116	-0.18	270.113; 252.102; 240.102; 216.102	Alkaloid
3.60	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M – H] [–]	465.1489	465.148	3.00	449.108; 447.129; 435.129	Phenolic glycosides
9.22	Unknown-13	C ₂₈ H ₁₉ O ₁₄	[M + H] ⁺	579.079	579.077	3.45	-	-
9.83	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M + H] ⁺	463.149	463.153	-8.40	350.143; 213.143	Phenolic glycosides
12.89	Unknown-14	C ₄₅ H ₁₁ O ₂	[M + H] ⁺	583.077	583.076	1.72	-	-
15.08	(1S,2R)-O-Methylnyasicoside	C ₂₄ H ₂₈ O ₁₁	[M + H] ⁺	493.167	493.163	8.00	475.159; 313.117	Norlignan glycosides
15.88	Unknown-15	C ₂ H ₁₀ N ₅ O ₅	[M + H] ⁺	184.068	184.068	0.00	-	-
16.49	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M + H] ⁺	769.474	769.466	10.70	606.413; 474.370	Cycloartane
20.32	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.480	783.482	-2.32	621.867; 459.726	Cycloartane

Table S1. Cont.

20.32	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M + H] ⁺	915.529	915.524	5.93	751.350; 589.137; 458.650	Cycloartane	
21.02	Unknown-16	C ₁₇ H ₁₅ O ₃	[M + H] ⁺	267.102	267.102	0.00	-	-	
21.86	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.134	453.132	4.07	290.271; 276.244	Phenolic glycosides	
24.58	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M - H] ⁻	461.157	461.153	10.21	443.134; 433.150; 371.113	Phenolic glycosides	
25.48	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M - H] ⁻	767.465	767.466	-1.91	693.421; 659.416	Cycloartane	
26.79	Unknown-17	C ₄₃ H ₈₂ O ₁₇	[M + H] ⁺	870.561	870.555	6.89	-	-	
31.11	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M - H] ⁻	204.992	204.990	9.60	176.987; 174.972; 154.990; 150.972	Phenolic	
ROGM (Rhizome Orchioides Gowa)									
0.79	Unknown-18	C ₁₁ H ₂₀ N ₁₁ O ₅	[M + H] ⁺	386.165	386.164	2.59	-	-	
0.90	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M - H] ⁻	297.082	297.084	-8.82	281.045; 269.081	Phenolic	
3.12	Orcinol glycoside	C ₁₃ H ₁₈ O ₇	[M + H] ⁺	287.107	287.105	7.15	269.100; 256.121; 254.993; 251.093; 237.020	Phenolic glycosides	
3.12	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.116	288.116	0.86	270.113; 252.102; 240.102; 216.102	Alkaloid	
3.19	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.134	453.132	5.39	290.271; 276.244	Phenolic glycosides	
3.65	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M - H] ⁻	465.150	465.148	4.29	449.108; 447.129; 435.129	Phenolic glycosides	
3.65	Curculigoside C	C ₂₂ H ₂₆ O ₁₂	[M - H] ⁻	481.139	481.142	-8.15	463.124; 453.140; 451.124	Phenolic glycosides	
11.14	Unknown-19	C ₂₉ H ₂₅ O ₄	[M + H] ⁺	441.207	441.206	2.27	-	-	
15.13	(1S,2R)-O-Methylnyasicoside	C ₂₄ H ₂₈ O ₁₁	[M + H] ⁺	493.168	493.163	10.23	475.159; 313.117	Norlignan glycosides	
15.80	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.486	783.482	5.47	621.867; 459.726	Cycloartane	
15.96	Unknown-20	C ₃₇ H ₁₆ O ₂	[M + H] ⁺	492.116	492.115	2.03	-	-	
18.20	Curculigosaponin I	C ₄₈ H ₈₀ O ₁₈	[M + H] ⁺	945.540	945.534	5.46	783.009; 621.867; 458.726	Cycloartane	
18.21	Curculigosaponin I	C ₄₈ H ₈₀ O ₁₈	[M - H] ⁻	943.527	943.534	-8.20	783.009; 621.867; 458.726	Cycloartane	
22.39	Unknown-21	C ₄₇ H ₄₇ O ₂	[M + H] ⁺	643.358	643.358	0.00	-	-	
23.90	Unknown-22	C ₄₄ H ₅₆ O ₃	[M + H] ⁺	632.426	632.423	4.74	-	-	
24.03	Unknown-23	C ₁₇ H ₄₆ N ₁₃ O ₄	[M + H] ⁺	496.379	496.380	-2.01	-	-	
24.27	Unknown-24	C ₁₆ H ₃₃ O ₁₀	[M + H] ⁺	385.210	385.207	7.79	-	-	
31.19	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M - H] ⁻	204.992	204.990	10.57	176.987; 174.972; 154.990; 150.972	Phenolic	
RLSP (Rhizome Latifolia Palangka)									
0.73	Unknown-25***	H ₇ N ₅ O ₄	[M + H] ⁺	141.050	141.049	7.09	-	-	
0.83	Unknown-26**	C ₁₆ H ₁₁ O ₂	[M + H] ⁺	235.078	235.076	8.51	-	-	
1.32	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.136	453.132	8.48	290.271; 276.244	Phenolic glycosides	
1.40	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M - H] ⁻	475.127	475.132	-9.59	457.114; 445.114; 387.108	Phenolic	
1.47	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M - H] ⁻	204.990	204.990	-2.60	176.987; 174.972; 154.990; 150.972	Phenolic	
3.13	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.116	288.116	-0.88	270.113; 252.102; 240.102; 216.102	Alkaloid	
3.14	Unknown-27	C ₁₁ H ₁₆ N ₉ O ₂	[M + H] ⁺	306.143	306.142	3.27	-	-	
3.15	Unknown-28	C ₂₃ H ₃₉ O	[M - H] ⁻	331.301	331.300	3.02	-	-	
3.71	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M - H] ⁻	465.150	465.148	6.01	449.108; 447.129; 435.129	Phenolic glycosides	
4.13	Unknown-29	C ₁₄ H ₁₄ N ₁₁ O ₂	[M - H] ⁻	368.133	368.133	0.00	-	-	

Table S1. Cont.

5.01	Unknown-30	C ₂₃ H ₁₀ O ₁₂	[M – H] [–]	478.019	478.017	4.18	-	-	
9.44	Unknown-31	C ₁₂ H ₂₀ O ₁₉	[M + H] ⁺	468.058	468.059	-2.14	-	-	
10.13	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M + H] ⁺	463.150	463.153	-6.24	350.143; 213.143	Phenolic glycosides	
10.88	Unknown-32	C ₂₁ H ₂₇ O ₁₀	[M + H] ⁺	439.158	439.160	-4.55	-	-	
10.90	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M – H] [–]	451.136	451.132	8.08	433.114; 423.129	Phenolic glycosides	
11.82	Unknown-33	C ₂₇ H ₂₇ O ₁₆	[M – H] [–]	607.132	607.130	3.29	-	-	
12.72	Unknown-34	C ₆₉ H ₄₁ O ₅	[M + H] ⁺	949.296	949.295	1.05	-	-	
15.47	(1S,2R)-O-Methylnyasicoside	C ₂₄ H ₂₈ O ₁₁	[M + H] ⁺	493.167	493.163	8.00	475.159; 313.117	Norlignan glycosides	
17.82	Unknown-35	C ₂₄ H ₂₆ O ₁₉	[M – H] [–]	618.106	618.107	-1.62	-	-	
18.16	Unknown-36	C ₂₅ H ₂₉ O	[M + H] ⁺	345.224	345.221	8.69	-	-	
19.02	Lycorine	C ₁₆ H ₁₇ NO ₄	[M – H] [–]	286.118	286.116	8.90	270.076; 268.097; 258.076; 256.097	Alkaloid	
20.25	Falcarinol	C ₁₇ H ₂₄ O	[M – H] [–]	244.182	244.183	-4.10	227.144; 215.144; 201.128; 187.149	Organic hydroxy	
24.50	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] [–]	461.157	461.153	9.13	443.134; 433.150; 371.113	Phenolic glycosides	
24.87	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.483	783.482	2.15	621.867; 459.726	Cycloartane	
26.09	Unknown-37	C ₂₆ H ₄₅ O ₅	[M – H] [–]	437.325	437.327	-4.57	-	-	
26.84	Unknown-38	C ₅₁ H ₈₄ O ₁₄	[M + H] ⁺	920.585	920.586	-1.09	-	-	
29.03	3-O-B-D-Glucopyranosyl sitosterol	C ₃₅ H ₆₀ O ₆	[M – H] [–]	575.434	575.439	-7.93	559.400; 547.400; 477.322	Sitosterol	
31.17	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.992	204.990	10.57	176.987; 174.972; 154.990; 150.972	Phenolic	
RLSB (Rhizome Latifolia Biji Nangka)									
0.80	Unknown-39*	C ₁₀ H ₁₃ N ₄ O ₉	[M + H] ⁺	333.068	333.068	0.00	-	-	
0.88	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M – H] [–]	475.129	475.132	-5.80	457.114; 445.114; 387.108	Phenolic	
0.91	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M – H] [–]	297.081	297.084	-9.83	281.045; 269.081	Phenolic	
0.96	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.116	288.116	0.86	270.113; 252.102; 240.102; 216.102	Alkaloid	
1.44	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.990	204.990	-1.14	176.987; 174.972; 154.990; 150.972	Phenolic	
2.59	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M – H] [–]	451.135	451.132	6.75	433.114; 423.129	Phenolic glycosides	
2.98	Unknown-40	C ₃₂ H ₃₁ O ₁₉	[M – H] [–]	719.146	719.146	0.00	-	-	
3.20	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.115	288.116	-2.61	270.113; 252.102; 240.102; 216.102	Alkaloid	
3.78	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M – H] [–]	465.149	465.148	3.00	449.108; 447.129; 435.129	Phenolic glycosides	
5.12	Unknown-41	C ₅₂ H ₅₁ O ₂₀	[M – H] [–]	995.294	995.297	-3.01	-	-	
5.96	Unknown-42	C ₃₇ H ₃₃ O ₁₁	[M + H] ⁺	653.206	653.202	6.12	-	-	
6.47	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.132	453.132	0.10	290.271; 276.244	Phenolic glycosides	
6.94	Unknown-43	C ₄₃ H ₂₂ O ₁₄	[M + H] ⁺	762.105	762.100	6.56	-	-	
8.04	Longirostrerone A	C ₃₂ H ₄₀ O ₇	[M + H] ⁺	536.273	536.277	-7.46	519.274; 501.263; 475.284; 447.180	-	
10.36	Unknown-44	C ₆₂ H ₅₂ O ₁₁	[M + H] ⁺	972.345	972.350	-5.14	-	-	
12.55	Unknown-45	C ₆₆ H ₄₀ O ₁₀	[M – H] [–]	992.265	992.262	3.02	-	-	
12.71	Unknown-46	C ₂₄ H ₄₁ O ₁₄	[M + H] ⁺	553.247	553.249	-3.62	-	-	
14.20	Unknown-47	C ₂₉ H ₃₇ O ₁₆	[M + H] ⁺	641.207	641.208	-1.56	-	-	

Table S1. Cont.

15.60	Sarmentosumin D	C ₅₀ H ₄₂ O ₉	[M + H] ⁺	786.279	786.283	-5.09	769.279; 759.295; 691.232	-	
16.51	Tenuifoliside B	C ₃₀ H ₃₆ O ₁₇	[M - H] ⁻	668.197	668.195	2.99	385.114; 369.082; 367.103; 355.103	-	
16.88	Unknown-48	C ₂₀ H ₂₃ O ₅	[M + H] ⁺	343.154	343.155	-2.91	-	-	
17.42	Unknown-49	C ₂₉ H ₃₇ O ₁₂	[M - H] ⁻	577.229	577.228	1.73	-	-	
18.04	Unknown-50	C ₄₀ H ₃₇ O ₁₇	[M + H] ⁺	789.199	789.203	-5.07	-	-	
19.03	Lycorine	C ₁₆ H ₁₇ NO ₄	[M - H] ⁻	286.118	286.116	6.11	270.076; 268.097; 258.076; 256.097	Alkaloid	
19.64	Unknown-51	C ₅₈ H ₃₇ O ₁₃	[M - H] ⁻	941.225	941.223	2.12	-	-	
19.66	Unknown-52	C ₃₃ H ₁₇ O ₂	[M + H] ⁺	445.123	445.122	2.25	-	-	
19.72	Curculigoside C	C ₂₂ H ₂₆ O ₁₂	[M + H] ⁺	483.144	483.142	3.69	465.139; 421.112	Phenolic glycosides	
21.00	Unknown-53	C ₂₈ H ₄₇ O ₆	[M + H] ⁺	479.341	479.337	8.34	-	-	
23.25	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M - H] ⁻	781.476	781.482	-7.06	621.867; 459.726	Cycloartane	
23.51	Ecdysterone	C ₂₇ H ₄₄ O ₇	[M + H] ⁺	480.308	480.309	-2.08	473.333; 467.106; 454.833; 451.750	-	
24.62	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M - H] ⁻	451.128	451.132	-9.21	433.114; 423.129	Phenolic glycosides	
24.62	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M - H] ⁻	461.157	461.153	10.00	443.134; 433.150; 371.113	Phenolic glycosides	
26.11	Unknown-54	C ₁₁ H ₅ O ₁₈	[M - H] ⁻	424.949	424.948	2.35	-	-	
28.64	Unknown-55	C ₅₂ H ₁₀₂ O ₁₁	[M + H] ⁺	902.733	902.742	-9.97	-	-	
29.29	Unknown-56	C ₄₁ H ₇₃ O ₆	[M + H] ⁺	661.537	661.540	-4.53	-	-	
RLSK (Rhizome Latifolia Puncak)									
0.73	Unknown-57***	H ₇ N ₅ O ₄	[M + H] ⁺	141.050	141.049	7.09	-	-	
0.80	Unknown-58*	C ₁₀ H ₁₃ N ₄ O ₉	[M + H] ⁺	333.068	333.068	0.00	-	-	
0.91	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M - H] ⁻	297.082	297.084	-8.14	281.045; 269.081	Phenolic	
0.93	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.116	288.116	1.21	270.113; 252.102; 240.102; 216.102	Alkaloid	
1.45	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M - H] ⁻	204.989	204.990	-3.57	176.987; 174.972; 154.990; 150.972	Phenolic	
2.70	Unknown-59	C ₂₄ H ₂₇ O ₁₄	[M - H] ⁻	539.140	539.140	0.00	-	-	
2.78	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.115	288.116	-2.61	270.113; 252.102; 240.102; 216.102	Alkaloid	
2.90	Unknown-60	C ₄₈ H ₂₈ O	[M - H] ⁻	620.214	620.214	0.00	-	-	
3.12	Orcinol glycoside	C ₁₃ H ₁₈ O ₇	[M + H] ⁺	287.107	287.105	7.50	269.100; 256.121; 254.993; 251.093; 237.020	Phenolic glycosides	
3.15	Unknown-61	C ₆₅ H ₁₀₇ O ₂	[M + H] ⁺	919.827	919.827	0.00	-	-	
3.17	Unknown-62	C ₆₄ H ₁₀₁ O ₃	[M - H] ⁻	917.777	917.775	2.18	-	-	
6.38	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.132	453.132	-0.12	290.271; 276.244	Phenolic glycosides	
7.77	Unknown-63	C ₁₇ H ₃₆ O ₁₄	[M + H] ⁺	464.213	464.210	6.46	-	-	
12.54	Unknown-64	C ₃₆ H ₁₉ O ₁₄	[M - H] ⁻	675.082	675.077	7.41	-	-	
14.14	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M + H] ⁺	467.153	467.148	10.91	305.144; 291.144	Phenolic glycosides	
14.48	Unknown-65	C ₂₂ H ₂₇ O ₁₀	[M + H] ⁺	451.158	451.160	-4.43	-	-	
15.52	Unknown-66	C ₄₇ H ₂₁ O ₁₉	[M - H] ⁻	889.065	889.068	-3.37	-	-	
23.38	Unknown-67	C ₃₆ H ₄₃ O ₉	[M - H] ⁻	619.289	619.292	-4.84	-	-	
24.68	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M - H] ⁻	451.128	451.132	-9.21	433.114; 423.129	Phenolic glycosides	

Table S1. Cont.

24.68	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] [–]	461.157	461.153	10.00	443.134; 433.150; 371.113	Phenolic glycosides
24.77	Unknown-68	C ₆₁ H ₈₂ O ₅	[M + H] ⁺	894.618	894.616	2.24	-	-
25.21	Unknown-69	C ₃₄ H ₆₂ N ₁₅ O ₉	[M – H] [–]	824.485	824.485	0.00	-	-
26.12	Unknown-70	C ₄₈ H ₇₉ O ₁₂	[M – H] [–]	847.558	847.557	1.18	-	-
26.50	Unknown-71	C ₅₅ H ₇₅ O ₃	[M + H] ⁺	783.572	783.571	1.28	-	-
27.87	Unknown-72	C ₄₅ H ₅₅ O ₆	[M + H] ⁺	691.399	691.399	0.00	-	-
30.89	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M – H] [–]	767.464	767.466	-3.22	693.421; 659.416	Cycloartane
30.92	Unknown-73	C ₄₂ H ₇₇ O ₂₀	[M – H] [–]	901.501	901.501	0.00	-	-
LOBM (Leaf Orchioides Barru)								
0.80	Unknown-74*	C ₁₀ H ₁₃ N ₄ O ₉	[M + H] ⁺	333.068	333.068	0.00	-	-
1.52	Unknown-75	CH ₁₈ N ₂₀ O ₇	[M + H] ⁺	422.167	422.166	2.37	-	-
4.06	Unknown-76	C ₁₃ H ₉ O ₁₁	[M + H] ⁺	341.014	341.014	0.00	-	-
8.77	Unknown-77	C ₁₃ H ₃₀ N ₅ O ₁₁	[M – H] [–]	432.194	432.194	0.00	-	-
13.31	Unknown-78	C ₁₇ H ₃₂ N ₇ O ₁₉	[M + H] ⁺	638.175	638.175	0.00	-	-
14.27	Orcinol glycoside	C ₁₅ H ₁₈ O ₇	[M + H] ⁺	287.103	287.105	-9.22	269.100; 256.121; 254.993; 251.093; 237.020	Phenolic glycosides
14.67	Unknown-79	C ₇ H ₅ N ₁₃ O ₄	[M+2H] ²⁺	335.059	335.058	2.98	-	-
14.85	Unknown-80	C ₄₂ H ₁₂ O ₂	[M + H] ⁺	548.083	548.084	-1.82	-	-
15.90	Unknown-81	C ₅₉ H ₄₆ O ₁₅	[M – H] [–]	994.279	994.284	-5.03	-	-
19.80	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.486	783.482	5.21	621.867; 459.726	Cycloartane
15.91	Unknown-82	C ₆₆ H ₃₅ O ₁₁	[M + H] ⁺	987.222	987.223	-1.01	-	-
20.05	Curculigosaponin I	C ₄₈ H ₈₀ O ₁₈	[M + H] ⁺	945.537	945.534	3.03	783.009; 621.867; 458.726	Cycloartane
21.09	Unknown-83	C ₂₆ H ₅₈ N ₁₇ O ₇	[M + H] ⁺	720.471	720.470	1.39	-	-
22.20	Unknown-84	C ₃₀ H ₆₁ O ₁₉	[M – H] [–]	725.379	725.381	-2.76	-	-
23.27	Cayaonoside B3	C ₃₄ H ₅₀ O ₁₁	[M – H] [–]	634.333	634.335	-3.15	471.275; 455.243; 415.212; 401.196	-
23.90	Unknown-85	C ₄₂ H ₅₁ O ₆	[M + H] ⁺	651.365	651.368	-4.61	-	-
24.85	Unknown-86	C ₅₅ H ₈₅ O ₁₂	[M – H] [–]	937.604	937.604	0.00	-	-
25.04	Unknown-87	C ₅₇ H ₈₆ N ₅ O ₅	[M + H] ⁺	920.663	920.662	1.09	-	-
27.69	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M + H] ⁺	769.467	769.466	1.34	606.413; 474.370	Cycloartane
29.01	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M + H] ⁺	915.526	915.524	1.78	751.350; 589.137; 458.650	Cycloartane
30.90	Unknown-88	C ₅₄ H ₆₈ O ₂	[M – H] [–]	748.515	748.522	-9.35	-	-
LOMB (Leaf Orchioides Maros)								
0.83	Unknown-89**	C ₁₆ H ₁₁ O ₂	[M + H] ⁺	235.078	235.076	8.51	-	-
0.90	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M – H] [–]	297.081	297.084	-9.15	281.045; 269.081	Phenolic
1.19	Unknown-90	C ₁₈ H ₃₇ N ₈ O ₁₂	[M + H] ⁺	557.253	557.253	0.00	-	-
1.46	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.990	204.990	-2.60	176.987; 174.972; 154.990; 150.972	Phenolic
1.58	Laciniatoside V	C ₂₇ H ₃₈ O ₁₄	[M + H] ⁺	586.227	586.226	1.71	569.222; 407.170; 393.154; 343.175	-
2.06	Salidroside	C ₁₄ H ₂₀ O ₇	[M + H] ⁺	300.123	300.121	6.66	290.946; 288.967; 283.031	-

Table S1. Cont.

2.64	Emodin Dianthrone	C ₃₀ H ₂₀ O ₈	[M – H] [–]	508.117	508.116	1.97	491.077; 467.077; 441.097; 425.066	-
3.02	Unknown-91	C ₅₅ H ₁₉ O ₈	[M – H] [–]	807.105	807.108	-3.72	-	-
5.26	Unknown-92	C ₂ H ₂ N ₅ O ₁₂	[M + H] ⁺	287.967	287.969	-6.95	-	-
5.93	Unknown-93	C ₃₄ H ₁₃ N ₂₀ O ₂	[M + H] ⁺	733.153	733.153	0.00	-	-
5.95	Unknown-94	C ₃₆ H ₂₄ O ₁₉	[M – H] [–]	760.092	760.091	1.32	-	-
6.72	Eucommicin A	C ₃₂ H ₃₆ O ₁₈	[M – H] [–]	708.185	708.190	-7.06	689.172; 645.182; 619.203; 617.187	-
7.54	Unknown-95	C ₅ H ₁₅ N ₅ O ₁₂	[M + H] ⁺	337.070	337.072	-5.93	-	-
9.38	Unknown-96	C ₃₃ H ₃₃ O ₇	[M + H] ⁺	541.224	541.223	1.85	-	-
10.75	Unknown-97	C ₃₃ H ₅₃ O ₁₅	[M – H] [–]	689.336	689.338	-2.90	-	-
13.21	Unknown-98	C ₄₂ H ₂₀ O ₆	[M + H] ⁺	620.129	620.126	4.84	-	-
13.24	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M + H] ⁺	463.149	463.153	-8.61	350.143; 213.143	Phenolic glycosides
13.32	Unknown-99	C ₃₇ H ₃₉ N ₁₄ O ₂₀	[M – H] [–]	999.247	999.246	1.00	-	-
13.68	Unknown-100	C ₂₀ H ₃₁ O ₁₆	[M – H] [–]	527.164	527.161	5.69	-	-
14.87	Unknown-101	C ₅₃ H ₆₁ O ₁₈	[M – H] [–]	985.387	985.386	1.01	-	-
15.45	(1S,2R)-O-Methylnyasicoside	C ₂₄ H ₂₈ O ₁₁	[M + H] ⁺	493.168	493.163	8.81	475.159; 313.117	Norlignan glycosides
15.66	Unknown-102	C ₆₆ H ₄₆ O ₉	[M + H] ⁺	982.316	982.314	2.04	-	-
15.91	Unknown-103	C ₆₆ H ₄₂ O ₁₀	[M – H] [–]	994.278	994.278	0.00	-	-
15.93	Unknown-104	C ₅₅ H ₃₉ O ₁₈	[M + H] ⁺	987.219	987.214	5.06	-	-
16.74	Theanaphthoquinone	C ₂₈ H ₂₂ O ₁₁	[M + H] ⁺	534.115	534.116	-1.87	517.112; 507.128; 477.118	Quinones
17.43	Unknown-105	C ₃₈ H ₃₅ N ₁₈ O ₁₆	[M – H] [–]	999.248	999.248	0.00	-	-
17.84	Unknown-106	C ₅₁ H ₆₈ O ₉	[M + H] ⁺	824.485	824.486	-1.21	-	-
18.98	Unknown-107	C ₆₁ H ₃₇ O ₁₄	[M – H] [–]	993.215	993.218	-3.02	-	-
19.32	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M + H] ⁺	769.471	769.466	6.67	606.413; 474.370	Cycloartane
19.53	Curculigosaponin I	C ₄₈ H ₈₀ O ₁₈	[M + H] ⁺	945.537	945.534	2.60	783.009; 621.867; 458.726	Cycloartane
19.65	Unknown-108	C ₅₉ H ₄₁ O ₁₅	[M – H] [–]	989.242	989.245	-3.03	-	-
19.66	Unknown-109	C ₄₈ H ₅₅ O ₂₀	[M + H] ⁺	951.328	951.329	-1.05	-	-
19.99	Unknown-110	C ₅₆ H ₇₈ O ₁₅	[M – H] [–]	990.529	990.534	-5.05	-	-
20.09	Lycorine	C ₁₆ H ₁₇ NO ₄	[M – H] [–]	286.115	286.116	-1.93	270.076; 268.097; 258.076; 256.097	Alkaloid
20.32	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.481	783.482	-1.17	621.867; 459.726	Cycloartane
20.55	Curculigosaponin I	C ₄₈ H ₈₀ O ₁₈	[M – H] [–]	943.527	943.534	-7.67	783.009; 621.867; 458.726	Cycloartane
21.23	Unknown-111	C ₃₀ H ₄₁ O ₁₁	[M + H] ⁺	577.268	577.265	5.20	-	-
22.08	Unknown-112	C ₃₄ H ₄₃ O ₁₃	[M + H] ⁺	659.269	659.270	-1.52	-	-
22.88	Unknown-113	C ₃₈ H ₃₇ N ₃ O ₃	[M + H] ⁺	583.283	583.283	0.00	-	-
23.99	Unknown-114	C ₄₄ H ₄₂ N ₂₀ O ₃	[M + H] ⁺	898.375	898.375	0.00	-	-
24.00	Unknown-115	C ₅₉ H ₇₇ O ₁₀	[M – H] [–]	945.549	945.552	-3.17	-	-
24.16	Unknown-116	C ₅₂ H ₇₃ O ₁₁	[M + H] ⁺	873.516	873.515	1.14	-	-
24.59	Unknown-117	C ₅₂ H ₇₇ O ₁₃	[M – H] [–]	909.535	909.536	-1.10	-	-

Table S1. Cont.

24.63	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] ⁻	461.157	461.153	10.21	443.134; 433.150; 371.113	Phenolic glycosides
25.22	Unknown-118	C ₃₂ H ₆₄ N ₉ O ₁₀	[M – H] ⁻	734.477	734.478	-1.36	-	-
25.72	Unknown-119	C ₅₀ H ₈₉ O ₁₉	[M – H] ⁻	993.599	993.599	0.00	-	-
26.49	Adonixanthin diglucoside	C ₅₂ H ₇₄ O ₁₃	[M + H] ⁺	906.513	906.513	0.00	889509; 729.472; 727.456; 627.368	Glucosides
26.82	Unknown-120	C ₅₇ H ₇₁ O ₅	[M + H] ⁺	835.532	835.530	2.39	-	-
27.70	Unknown-121	C ₅₄ H ₇₃ O ₁₂	[M + H] ⁺	913.511	913.510	1.09	-	-
29.05	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M + H] ⁺	915.524	915.524	-0.19	751.350; 589.137; 458.650	Cycloartane
29.28	Unknown-122	C ₄₅ H ₇₉ O ₁₄	[M – H] ⁻	843.548	843.546	2.37	-	-
29.37	3-O-B-D-Glucopyranosyl sitosterol	C ₃₅ H ₆₀ O ₆	[M – H] ⁻	575.433	575.439	-10.89	559.400; 547.400; 477.322	Sitosterol
30.32	Unknown-123	C ₅₆ H ₉₄ O ₁₄	[M + H] ⁺	990.663	990.664	-1.01	-	-
30.94	Unknown-124	C ₆₀ H ₆₉ O ₁₁	[M – H] ⁻	965.487	965.484	3.11	-	-
LOGM (Leaf Orchioides Gowa)								
0.83	Unknown-125**	C ₁₆ H ₁₁ O ₂	[M + H] ⁺	235.078	235.076	8.51	-	-
0.87	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M – H] ⁻	297.082	297.084	-8.48	281.045; 269.081	Phenolic
0.91	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M – H] ⁻	475.130	475.132	-4.33	457.114; 445.114; 387.108	Phenolic
1.82	Unknown-126	CH ₁₁ N ₁₃ O	[M + H] ⁺	221.122	221.121	4.52	-	-
1.41	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M + H] ⁺	463.155	463.153	4.56	350.143; 213.143	Phenolic glycosides
1.46	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] ⁻	204.989	204.990	-3.57	176.987; 174.972; 154.990; 150.972	Phenolic
3.13	Unknown-127	C ₁₇ H ₁₇ O ₁₅	[M – H] ⁻	461.059	461.057	4.34	-	-
8.88	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M – H] ⁻	475.127	475.132	-9.80	457.114; 445.114; 387.108	Phenolic
13.52	Khainaoside C	C ₂₅ H ₂₈ O ₁₁	[M + H] ⁺	504.157	504.162	-9.92	487.159; 309.096; 265.070; 181.085	Glucosides
14.92	Pelargonidin 3-O-(6-O-Malonyl-Beta-D-Glucoside)	C ₂₄ H ₂₃ O ₁₃	[M – H] ⁻	519.110	519.114	-7.71	285.170; 257.175; 243.159	Flavonoid
15.48	(1S,2R)-O-Methylnyasicoside	C ₂₄ H ₂₈ O ₁₁	[M + H] ⁺	493.166	493.163	6.38	475.159; 313.117	Norlignan glycosides
15.84	Unknown-128	C ₃₃ H ₁₉ O ₁₉	[M + H] ⁺	559.104	559.104	0.00	-	-
16.76	Unknown-129	C ₃₁ H ₁₁ O ₁₁	[M + H] ⁺	559.031	559.032	-1.79	-	-
17.46	Asiatic acid	C ₃₀ H ₄₈ O ₅	[M + H] ⁺	488.350	488.351	-2.05	473.326; 463.341; 459.310; 433.294	-
19.04	Unknown-130	C ₂₁ H ₃₄ O ₁₈	[M + H] ⁺	576.177	576.178	-1.74	-	-
19.66	Unknown-131	C ₂ H ₁₅ N ₁₀ O ₈	[M + H] ⁺	307.107	307.107	0.00	-	-
19.67	Unknown-132	C ₂₅ H ₂₅ O ₉	[M – H] ⁻	469.149	469.149	0.00	-	-
19.67	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M + H] ⁺	467.153	467.148	10.91	305.144; 291.144	Phenolic glycosides

Table S1. Cont.

19.79	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.487	783.482	6.87	621.867; 459.726	Cycloartane
20.04	Curculigosaponin I	C ₄₈ H ₈₀ O ₁₈	[M + H] ⁺	945.534	945.534	-0.67	783.009; 621.867; 458.726	Cycloartane
20.30	Unknown-133	C ₄₃ H ₆₁ O ₁₉	[M – H] [–]	881.381	881.381	0.00	-	-
23.20	Unknown-134	C ₄₂ H ₆₉ O ₁₃	[M – H] [–]	781.473	781.474	-1.28	-	-
24.51	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] [–]	461.157	461.153	8.70	443.134; 433.150; 371.113	Phenolic glycosides
25.03	Unknown-135	C ₃₀ H ₄₉ O ₅	[M + H] ⁺	527.898	527.899	-1.89	-	-
25.26	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M – H] [–]	781.483	781.482	2.03	621.867; 459.726	Cycloartane
25.57	Unknown-136	C ₄₉ H ₇₇ O ₁₃	[M – H] [–]	873.535	873.536	-1.14	-	-
26.83	Unknown-137	C ₂₈ H ₅₄ N ₁₅ O	[M + H] ⁺	616.463	616.463	0.00	-	-
27.98	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M + H] ⁺	915.526	915.524	1.78	751.350; 589.137; 458.650	Cycloartane
30.39	Unknown-138	C ₆₄ H ₉₂ O ₃	[M + H] ⁺	908.700	908.701	-1.10	-	-
31.34	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.992	204.990	8.62	176.987; 174.972; 154.990; 150.972	Phenolic
LLSP (Leaf Latifolia Palangka)								
0.83	Unknown-139**	C ₁₆ H ₁₁ O ₂	[M + H] ⁺	235.078	235.076	8.51	-	-
1.27	Unknown-140	C ₂₀ H ₂₉ O ₁₄	[M – H] [–]	493.154	493.156	-4.06	-	-
1.47	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.990	204.990	-3.09	176.987; 174.972; 154.990; 150.972	Phenolic
2.82	Unknown-141	C ₄₅ H ₂₃ O ₁₇	[M – H] [–]	835.098	835.094	4.79	-	-
3.05	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.127	453.132	-10.05	290.271; 276.244	Phenolic glycosides
3.07	Unknown-142	C ₅₇ H ₃₅ O ₁₁	[M – H] [–]	895.217	895.218	-1.12	-	-
4.90	Unknown-143	C ₄₄ H ₂₇ O ₁₅	[M – H] [–]	795.135	795.135	0.00	-	-
6.87	Unknown-144	C ₄₇ H ₅₃ O ₁₆	[M – H] [–]	873.336	873.333	3.44	-	-
6.89	Unknown-145	C ₆₉ H ₃₀ O ₃	[M + H] ⁺	906.218	906.219	-1.10	-	-
7.14	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M – H] [–]	465.143	465.148	-9.25	449.108; 447.129; 435.129	Phenolic glycosides
8.24	Unknown-146	C ₁₀ H ₁₅ N ₂ O ₂₀	[M – H] [–]	483.022	483.022	0.00	-	-
9.27	Unknown-147	C ₅₁ H ₂₆ O ₉	[M – H] [–]	782.159	782.158	1.28	-	-
10.04	Unknown-148	C ₂₈ H ₃₉ O ₁₄	[M – H] [–]	599.233	599.234	-1.67	-	-
10.06	Unknown-149	C ₆₉ H ₃₉ O ₃	[M + H] ⁺	915.290	915.289	1.09	-	-
10.28	Unknown-150	C ₂₉ H ₄₈ N ₈ O ₂₀	[M – H] [–]	828.299	828.298	1.21	-	-
10.91	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M – H] [–]	451.136	451.132	10.07	433.114; 423.129	Phenolic glycosides
13.31	Unknown-151	C ₃₁ H ₃₅ O ₁₆	[M + H] ⁺	663.191	663.193	-3.02	-	-
14.57	Unknown-152	C ₄₁ H ₃₁ O ₁₂	[M – H] [–]	715.179	715.182	-4.19	-	-

Table S1. Cont.

14.59	Unknown-153	C ₄₂ H ₄₆ N ₁₂ O ₁₇	[M + H] ⁺	990.310	990.310	0.00	-	-
17.37	Unknown-154	C ₄₃ H ₅₃ O ₂₀	[M - H] ⁻	889.311	889.313	-2.25	-	-
17.98	Unknown-155	C ₅₈ H ₆₀ O ₅	[M + H] ⁺	836.445	836.444	1.20	-	-
18.87	Unknown-156	C ₄₇ H ₇₉ O ₁₉	[M + H] ⁺	947.522	947.521	1.06	-	-
19.81	Unknown-157	C ₅₅ H ₇₂ O ₁₅	[M - H] ⁻	972.485	972.487	-2.06	-	-
20.22	Unknown-158	C ₃₄ H ₃₇ O ₁₁	[M + H] ⁺	621.232	621.234	-3.22	-	-
20.43	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M + H] ⁺	783.487	783.482	7.00	621.867; 459.726	Cycloartane
21.11	Curculigoside C	C ₂₂ H ₂₆ O ₁₂	[M - H] ⁻	481.141	481.142	-2.12	463.124; 453.140; 451.124	Phenolic glycosides
22.16	Unknown-159	C ₁₆ H ₃₄ N ₇ O ₉	[M - H] ⁻	468.242	468.242	0.00	-	-
22.17	Unknown-160	C ₃₉ H ₅₉ O ₁₅	[M + H] ⁺	767.387	767.385	2.61	-	-
22.89	Unknown-161	C ₆₈ H ₆₂ O ₇	[M + H] ⁺	990.452	990.449	3.03	-	-
23.26	Unknown-162	C ₅₈ H ₄₇ O ₁₂	[M + H] ⁺	935.310	935.307	3.21	-	-
23.34	Unknown-163	C ₂₅ H ₆₆ N ₁₆ O ₁₉	[M - H] ⁻	894.469	894.468	1.12	-	-
24.36	Curculigosaponin I	C ₄₆ H ₈₀ O ₁₈	[M - H] ⁻	943.530	943.534	-5.02	783.009; 621.867; 458.726	Cycloartane
24.48	Unknown-164	C ₄₈ H ₆₁ N ₅ O ₁₅	[M - H] ⁻	947.416	947.416	0.00	-	-
24.52	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M - H] ⁻	461.157	461.153	9.35	443.134; 433.150; 371.113	Phenolic glycosides
24.84	Nyasicoside	C ₂₃ H ₂₆ O ₁₁	[M - H] ⁻	477.150	477.148	6.07	459.129; 449.145; 447.129	Phenolic
25.05	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M - H] ⁻	781.475	781.482	-9.11	621.867; 459.726	Cycloartane
25.33	Unknown-165	C ₆₇ H ₇₆ O ₆	[M + H] ⁺	976.564	976.564	0.00	-	-
25.92	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M - H] ⁻	913.525	913.524	0.90	751.350; 589.137; 458.650	Cycloartane
26.00	Unknown-166	C ₅₈ H ₇₇ O ₁₀	[M + H] ⁺	933.550	933.552	-2.14	-	-
26.12	Unknown-167	C ₅₁ H ₇₆ N ₆ O ₁₀	[M - H] ⁻	932.562	932.561	1.07	-	-
26.71	Unknown-168	C ₄₉ H ₇₉ O ₉	[M + H] ⁺	811.575	811.572	3.70	-	-
27.50	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M - H] ⁻	297.082	297.084	-6.12	281.045; 269.081	Phenolic
27.73	Unknown-169	C ₅₉ H ₈₇ O ₁₀	[M + H] ⁺	955.631	955.629	2.09	-	-
28.03	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M + H] ⁺	915.520	915.524	-4.23	751.350; 589.137; 458.650	Cycloartane
29.94	3-O-B-D-Glucopyranosyl sitosterol	C ₃₅ H ₆₀ O ₆	[M - H] ⁻	575.434	575.439	-8.46	559.400; 547.400; 477.322	Sitosterol
30.09	Tragopogonsaponin M	C ₅₁ H ₇₆ O ₁₆	[M + H] ⁺	944.515	944.513	2.12	927.510; 913.494; 783.468; 767.473	Pentacyclic triterpenes
30.90	Unknown-170 [^]	C ₅₆ H ₇₇ O ₁₃	[M + H] ⁺	957.534	957.536	-2.09	-	Phenolic

Table S1. Cont.

30.92	Unknown-171	C ₅₇ H ₆₅ O ₅	[M – H] ⁻	829.484	829.483	1.21	-	-	
LLSB (Leaf Latifolia Biji Nangka)									
3.75	Unknown-172	C ₇ H ₁₆ N ₅ O ₉	[M – H] ⁻	314.094	314.095	-3.18	-	-	
5.49	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.137	453.132	10.25	290.271; 276.244	Phenolic glycosides	
6.68	Unknown-173	C ₆ H ₁₀ O ₁₃	[M + H] ⁺	290.013	290.012	3.45	-	-	
13.32	Unknown-174	C ₁₀ H ₁₂ N ₈ O ₁₀	[M – H] ⁻	404.067	404.068	-2.47	-	-	
14.93	Unknown-176	C ₁₅ H ₁₃ O ₈	[M + H] ⁺	321.063	321.061	6.23	-	-	
15.05	Unknown-175	C ₂₆ H ₃₅ O ₁₆	[M – H] ⁻	603.195	603.192	4.97	-	-	
16.85	(1S,2R)-O-Methylnyasicoside	C ₂₄ H ₂₈ O ₁₁	[M + H] ⁺	493.168	493.163	10.43	475.159; 313.117	Norlignan glycosides	
17.63	Unknown-177	C ₂₆ H ₃₇ O ₁₉	[M – H] ⁻	653.189	653.193	-6.12	-	-	
22.25	Unknown-178	C ₄₁ H ₄₅ O ₁₂	[M – H] ⁻	729.289	729.291	-2.74	-	-	
22.41	Unknown-179	C ₄₇ H ₄₉ O	[M + H] ⁺	629.381	629.378	4.77	-	-	
23.22	Unknown-180	C ₅₀ H ₈₅ O ₁₇	[M – H] ⁻	955.561	955.563	-2.09	-	-	
24.20	Unknown-181	C ₄₀ H ₄₄ O ₉	[M + H] ⁺	668.294	668.298	-5.99	-	-	
24.51	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M – H] ⁻	451.128	451.132	-7.66	433.114; 423.129	Phenolic glycosides	
24.52	Unknown-182	C ₁₆ H ₃₀ O ₁₅	[M – H] ⁻	462.159	462.158	2.16	-	-	
24.56	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] ⁻	461.157	461.153	10.43	443.134; 433.150; 371.113	Phenolic glycosides	
24.63	Unknown-183	C ₁₄ H ₂₅ O ₁₃	[M – H] ⁻	399.113	399.114	-2.51	-	-	
25.56	3-O-B-D-Glucopyranosyl sitosterol	C ₃₅ H ₆₀ O ₆	[M – H] ⁻	575.442	575.439	5.10	559.400; 547.400; 477.322	Sitosterol	
26.80	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M – H] ⁻	767.463	767.466	-3.48	693.421; 659.416	Cycloartane	
28.44	Unknown-184	C ₆₀ H ₇₈ O ₆	[M + H] ⁺	894.580	894.579	1.12	-	-	
30.92	Unknown-185	C ₄₇ H ₅₉ O ₇	[M + H] ⁺	735.427	735.426	1.36	-	-	
31.14	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] ⁻	204.992	204.990	8.62	176.987; 174.972; 154.990; 150.972	Phenolic	
LLSK (Leaf Latifolia Puncak)									
0.86	Pothobanoside C	C ₂₆ H ₃₈ O ₁₆	[M – H] ⁻	606.212	606.216	-6.60	443.155; 427.124; 411.129; 359.098	Glycosides	
0.89	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M – H] ⁻	297.082	297.084	-8.82	281.045; 269.081	Phenolic	
3.38	Unknown-186	C ₁₃ H ₄ N ₂₀	[M + H] ⁺	440.093	440.092	2.27	-	-	
7.89	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.136	453.132	9.81	290.271; 276.244	Phenolic glycosides	
12.87	Unknown-187	C ₅₂ H ₁₀₀ O ₁₅	[M – H] ⁻	964.701	964.706	-5.18	-	-	
13.29	Unknown-188	C ₂₅ H ₄₂ O ₁₅	[M – H] ⁻	582.257	582.252	8.59	-	-	
13.70	Unknown-189	C ₂₆ H ₂₉ O ₁₁	[M + H] ⁺	517.169	517.171	-3.87	-	-	

Table S1. Cont.

14.94	Unknown-190	C ₃₈ H ₄₃ O ₁₆	[M – H] [–]	755.250	755.255	-6.62	-	-
15.03	Unknown-191	C ₄₉ H ₂₇ O ₈	[M + H] ⁺	743.167	743.170	-4.04	-	-
15.51	Unknown-192	C ₅₆ H ₂₁ O ₄	[M + H] ⁺	757.143	757.144	-1.32	-	-
15.84	Unknown-193	C ₃₂ H ₅₉ O ₁₁	[M – H] [–]	619.406	619.406	0.00	-	-
16.87	Unknown-194	C ₂₆ H ₄₀ N ₇ O ₁₈	[M – H] [–]	738.242	738.243	-1.35	-	-
18.34	Unknown-195	C ₂₉ H ₅₁ O ₁₄	[M + H] ⁺	623.329	623.328	1.60	-	-
19.03	Unknown-196	C ₃₂ H ₆₀ O ₁₃	[M – H] [–]	652.410	652.403	10.73	-	-
19.53	Unknown-197	C ₄₉ H ₆₇ O ₄	[M + H] ⁺	719.506	719.503	4.17	-	-
19.83	Unknown-198	C ₄₄ H ₈₀ O ₁₄	[M – H] [–]	832.559	832.555	4.80	-	-
20.31	Unknown-199	C ₄₈ H ₈₃ O ₁₁	[M – H] [–]	835.591	835.594	-3.59	-	-
20.62	Unknown-200	C ₃₆ H ₄₉ O ₇	[M – H] [–]	593.347	593.348	-1.69	-	-
21.11	Unknown-201	C ₄₂ H ₄₉ O ₁₅	[M – H] [–]	793.302	793.307	-6.30	-	-
23.24	Unknown-202	C ₃₅ H ₄₇ O ₁₂	[M + H] ⁺	659.308	659.306	3.03	-	-
24.23	Unknown-203	C ₅₅ H ₁₀₃ O ₁₁	[M + H] ⁺	939.750	939.749	1.06	-	-
24.55	Unknown-204	C ₅₅ H ₆₃ O ₁₅	[M – H] [–]	963.418	963.417	1.04	-	-
24.56	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] [–]	461.157	461.153	8.70	443.134; 433.150; 371.113	Phenolic glycosides
24.59	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M – H] [–]	451.128	451.132	-9.21	433.114; 423.129	Phenolic glycosides
25.17	Unknown-205	C ₆₂ H ₆₄ O ₇	[M – H] [–]	920.466	920.465	1.09	-	-
25.18	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M – H] [–]	465.144	465.148	-8.18	449.108; 447.129; 435.129	Phenolic glycosides
25.66	3-O-B-D-Glucopyranosyl sitosterol	C ₃₅ H ₆₀ O ₆	[M – H] [–]	575.441	575.439	3.36	559.400; 547.400; 477.322	Sitosterol
25.93	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M – H] [–]	913.526	913.524	2.22	751.350; 589.137; 458.650	Cycloartane
26.02	Unknown-206	C ₄₀ H ₅₁ O ₁₆	[M + H] ⁺	787.316	787.317	-1.27	-	-
26.11	Unknown-207	C ₃₄ H ₇₄ N ₁₁ O ₁₀	[M – H] [–]	796.562	796.562	0.00	-	-
26.74	Unknown-208	C ₄₆ H ₄₇ O ₉	[M + H] ⁺	743.326	743.322	5.38	-	-
27.04	Unknown-209	C ₅₈ H ₁₀₇ O ₁₁	[M – H] [–]	979.782	979.781	1.02	-	-
27.32	Unknown-210	C ₅₄ H ₈₃ O ₁₂	[M + H] ⁺	923.588	923.588	0.00	-	-
30.12	Unknown-211	C ₆₃ H ₈₇ O ₅	[M + H] ⁺	923.655	923.655	0.00	-	-
30.90	Unknown-212 [^]	C ₅₆ H ₇₇ O ₁₃	[M + H] ⁺	957.534	957.536	-2.09	-	-
30.92	Unknown-213	C ₅₀ H ₆₁ O ₁₃	[M – H] [–]	869.411	869.411	0.00	-	-
31.44	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.992	204.990	10.57	176.987; 174.972; 154.990; 150.972	Phenolic

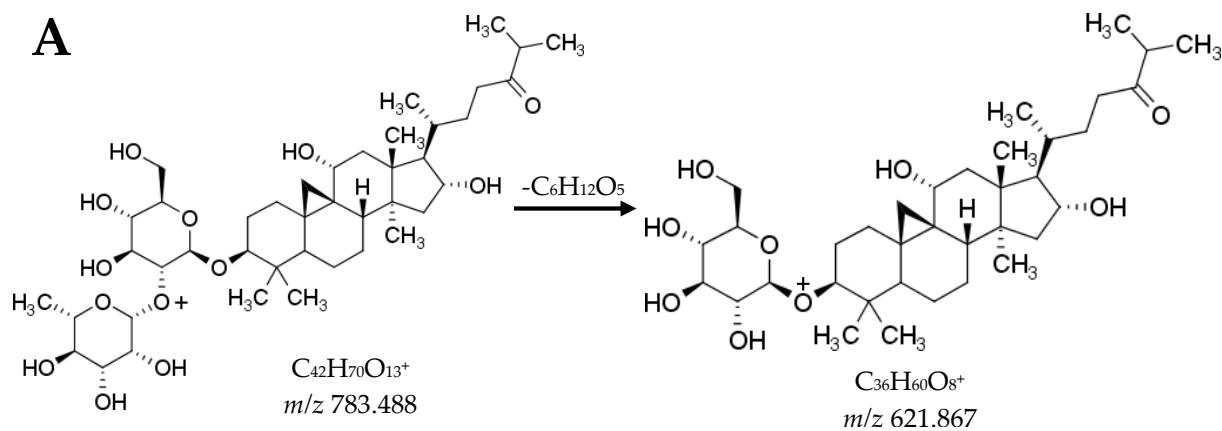
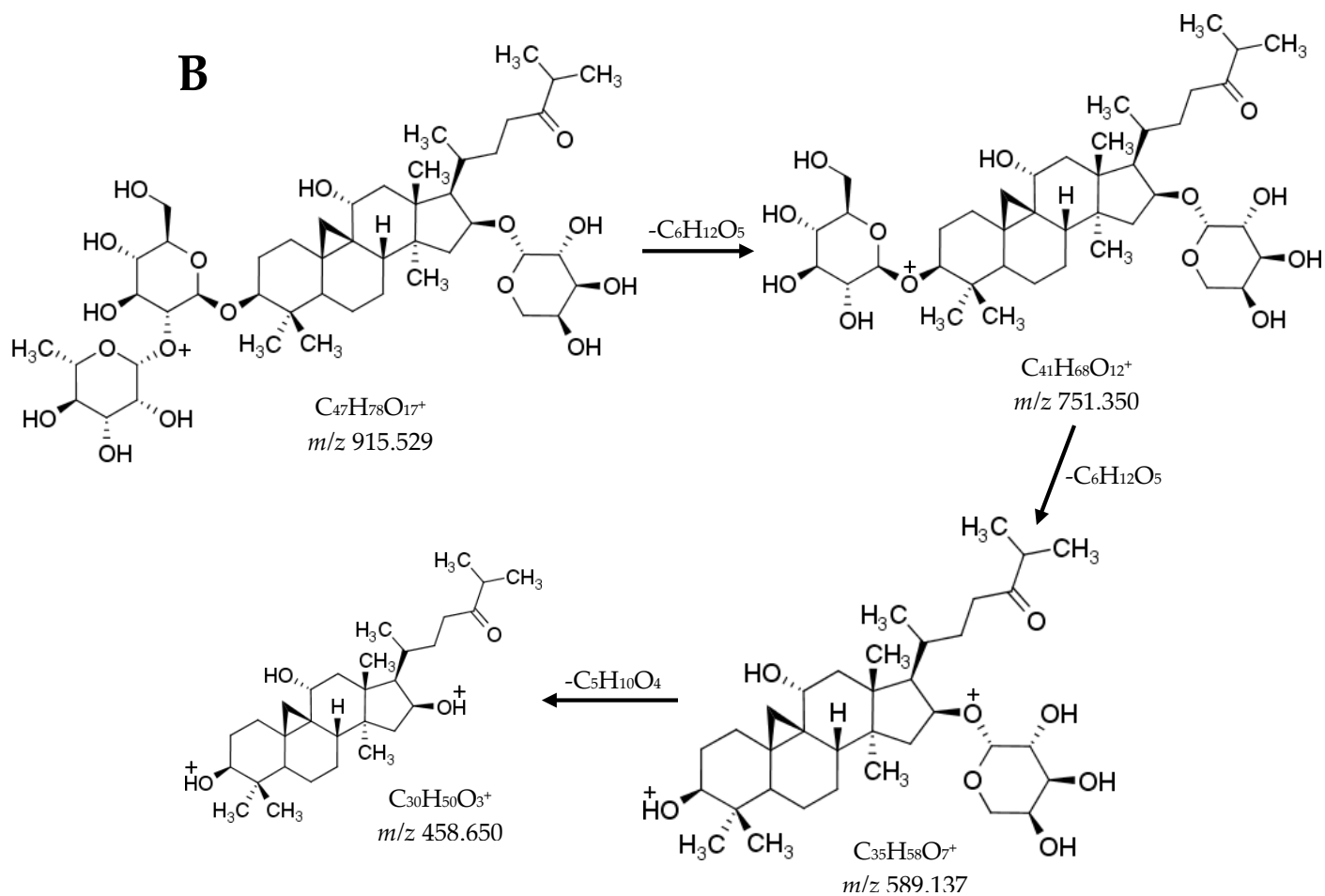
Table S1. Cont.

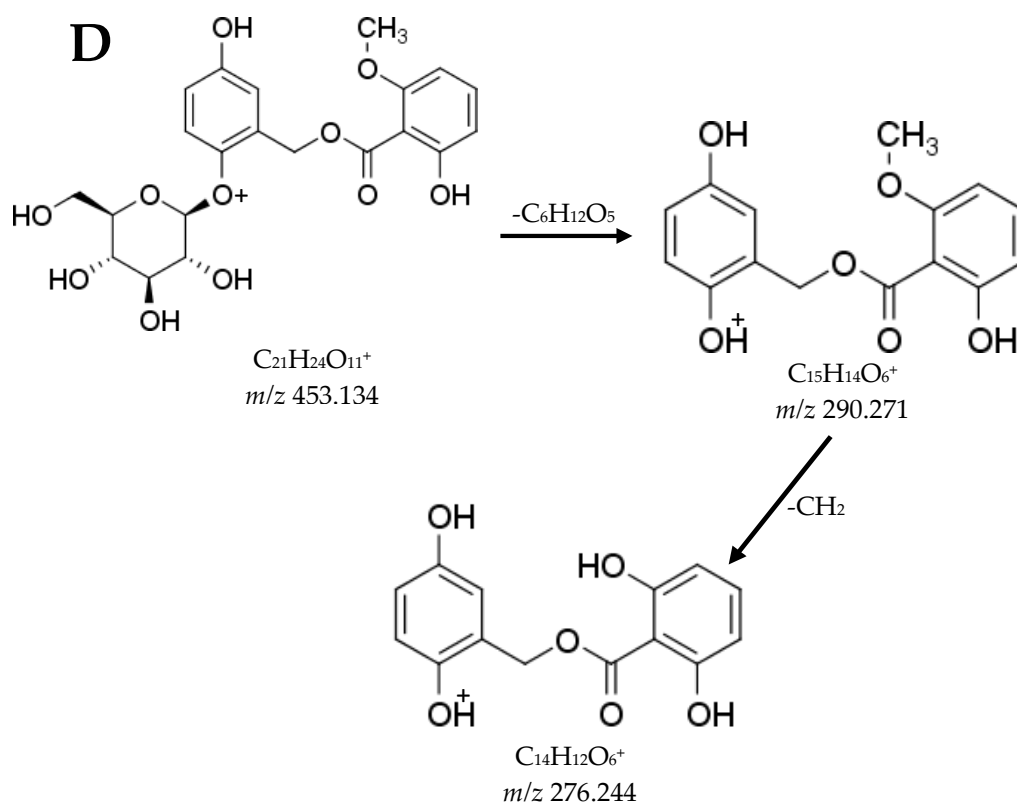
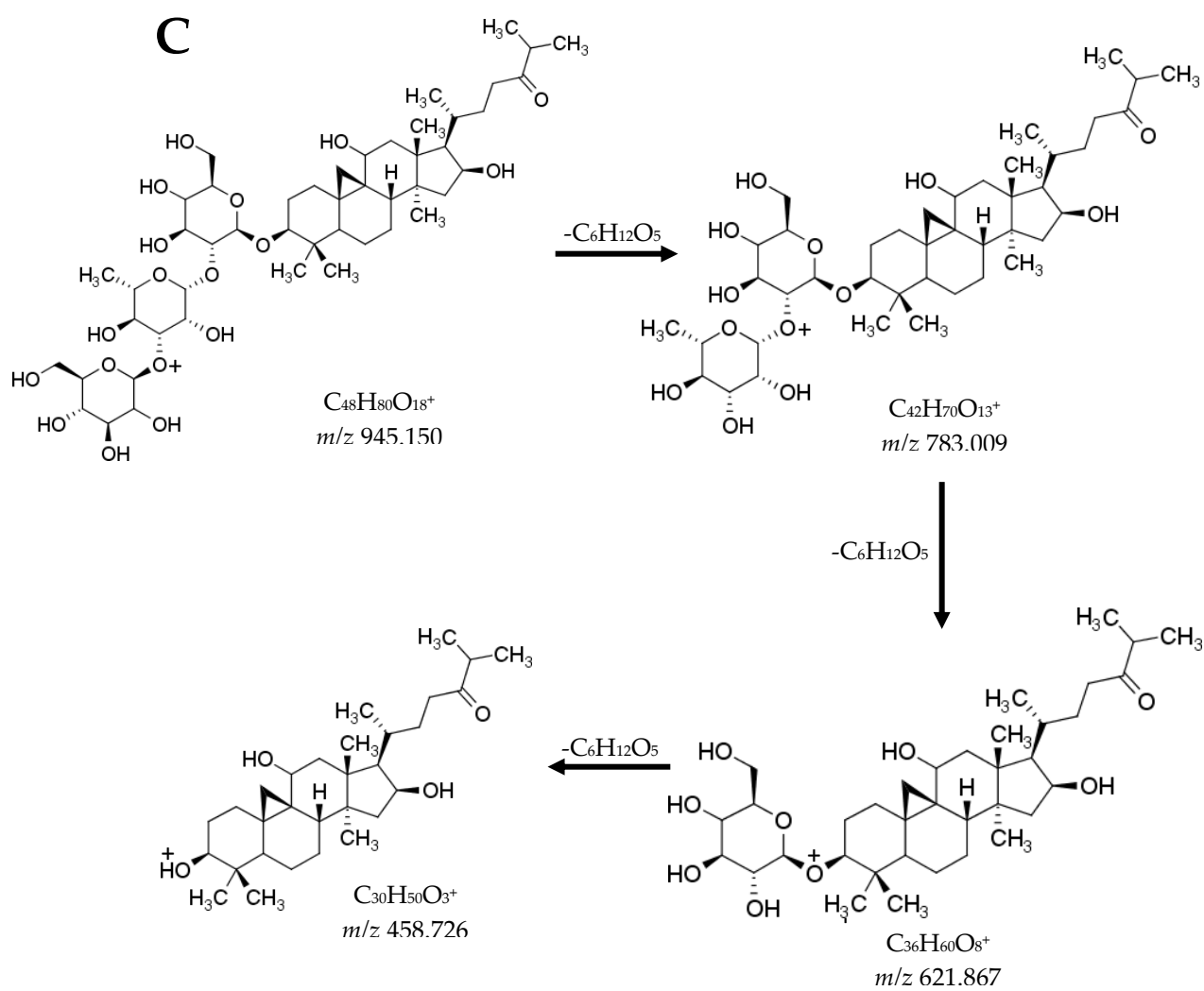
PLSP (Petiole Latifolia Palangka)								
0.83	Unknown-214**	C ₁₆ H ₁₁ O ₂	[M + H] ⁺	235.078	235.076	8.51	-	-
0.92	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M – H] [–]	297.081	297.084	-9.15	281.045; 271.061; 269.081	Phenolic
0.93	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M + H] ⁺	467.153	467.148	10.69	305.144; 291.144	Phenolic glycosides
0.94	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M – H] [–]	475.129	475.132	-6.85	457.114; 445.114; 387.108	Phenolic
1.48	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.990	204.990	-1.62	176.987; 174.972; 154.990; 150.972	Phenolic
6.32	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M + H] ⁺	463.157	463.153	8.87	350.143; 213.143	Phenolic glycosides
9.28	Unknown-215	C ₁₈ H ₃₂ O ₁₃	[M + H] ⁺	456.186	456.184	4.38	-	-
12.55	Breviscapin	C ₂₁ H ₁₈ O ₁₂	[M – H] [–]	462.078	462.079	-2.16	285.040; 267.029; 257.045; 243.029	Glucuronates
13.29	Unknown-216	C ₂₀ H ₁₁ N ₆ O ₁₉	[M – H] [–]	639.007	639.008	-1.56	-	-
21.21	Unknown-217	C ₃₁ H ₃₁ O ₁₁	[M + H] ⁺	579.184	579.186	-3.45	-	-
21.81	Prunin	C ₂₁ H ₂₂ O ₁₀	[M + H] ⁺	434.118	434.121	-6.91	273.075; 153.019; 147.045	-
22.88	Unknown-218	C ₂₄ H ₃₇ O ₁₃	[M – H] [–]	533.228	533.223	9.38	-	-
23.11	Unknown-219	C ₄₀ H ₅₂ O ₇	[M + H] ⁺	644.376	644.371	7.76	-	-
23.31	Unknown-220	C ₁₈ H ₂₄ O ₁₆	[M – H] [–]	496.102	496.106	-8.06	-	-
24.53	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M – H] [–]	451.128	451.132	-9.21	433.114; 423.129	Phenolic glycosides
25.49	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M – H] [–]	767.467	767.466	0.82	693.421; 659.416	Cycloartane
26.10	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M – H] [–]	781.480	781.482	-1.81	621.867; 459.726	Cycloartane
26.70	Unknown-221	C ₆₃ H ₇₄ O ₈	[M + H] ⁺	958.539	958.538	1.04	-	-
28.30	Unknown-222	C ₆₂ H ₆₈ N ₇ O ₃	[M + H] ⁺	958.538	958.538	0.00	-	-
PLSB (Petiole Latifolia Biji Nangka)								
0.88	Vanillin	C ₈ H ₈ O ₃	[M – H] [–]	151.048	151.047	6.34	150.981; 137.018; 136.015; 129.113	Phenolic
11.54	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M – H] [–]	461.148	461.153	-9.30	443.134; 433.150; 371.113	Phenolic glycosides
16.27	Unknown-223	C ₂₁ H ₃₃ O ₁₅	[M + H] ⁺	525.176	525.181	-9.52	-	-
19.22	Neosakuranin	C ₂₂ H ₂₄ O ₁₀	[M + H] ⁺	448.137	448.136	2.23	431.133; 293.138; 287.091; 271.096	-
24.66	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M – H] [–]	451.128	451.132	-9.99	433.114; 423.129	Phenolic glycosides
25.23	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M – H] [–]	465.144	465.148	-6.89	449.108; 447.129; 435.129	Phenolic glycosides
25.26	Sophoranone	C ₃₀ H ₃₆ O ₄	[M – H] [–]	460.262	460.261	2.17	443.222; 391.190; 387.159; 257.190	Flavonoids
25.92	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M – H] [–]	913.526	913.524	2.77	751.350; 589.137; 458.650	Cycloartane
30.92	Unknown-224	C ₁₁ H ₈ N ₄ O ₈	[M + H] ⁺	320.003	320.002	3.12	-	-
31.24	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M – H] [–]	204.992	204.990	8.62	176.987; 174.972; 154.990; 150.972	Phenolic

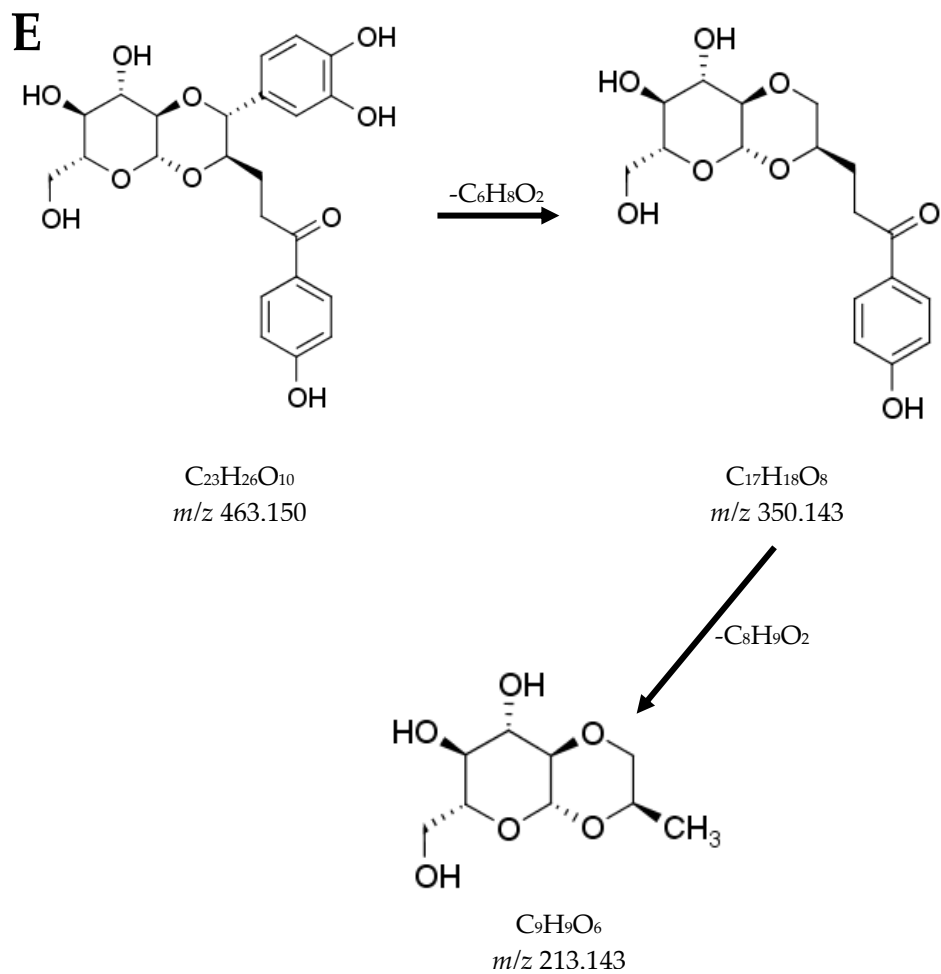
Table S1. Cont.

PLSK (Petiole Latifolia Puncak)								
0.85	Crassifoside I	C ₂₃ H ₂₄ O ₁₁	[M + H] ⁺	475.128	475.131	-8.11	457.114; 447.129; 445.114; 387.108	Phenolic
0.88	1,1-Bis(3,4-dihydroxyphenyl)-1-(2-furan)-methane	C ₁₇ H ₁₄ O ₅	[M - H] ⁻	297.082	297.084	-7.47	281.045; 269.081	Phenolic
1.44	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M - H] ⁻	204.990	204.990	-2.11	176.987; 174.972; 154.990; 150.972	Phenolic
3.14	Lycorine	C ₁₆ H ₁₇ NO ₄	[M + H] ⁺	288.116	288.116	0.17	270.113; 252.102; 240.102; 216.102	Alkaloid
3.68	Orchioside A	C ₂₂ H ₂₆ O ₁₁	[M - H] ⁻	465.150	465.148	5.79	449.108; 447.129; 435.129	Phenolic glycosides
6.09	Unknown-225	C ₂₀ H ₂₅ O ₁₁	[M + H] ⁺	441.136	441.139	-6.80	-	-
6.38	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M + H] ⁺	453.133	453.132	2.75	290.271; 276.244	Phenolic glycosides
13.06	Unknown-226	C ₃₈ H ₂₇ N ₁₈ O ₂	[M - H] ⁻	767.256	767.255	1.30	-	-
19.01	Lycorine	C ₁₆ H ₁₇ NO ₄	[M - H] ⁻	286.118	286.116	8.90	270.076; 268.097; 258.076; 256.097	Alkaloid
23.29	Curculigosaponin G	C ₄₂ H ₇₀ O ₁₃	[M - H] ⁻	781.475	781.482	-8.47	621.867; 459.726	Cycloartane
24.59	Orchioside B	C ₂₃ H ₂₆ O ₁₀	[M - H] ⁻	461.157	461.153	8.70	443.134; 433.150; 371.113	Phenolic glycosides
24.63	Curculigoside B	C ₂₁ H ₂₄ O ₁₁	[M - H] ⁻	451.129	451.132	-5.44	433.114; 423.129	Phenolic glycosides
25.23	Unknown-227	C ₆₉ H ₇₈ O ₂	[M - H] ⁻	938.600	938.600	0.00	-	-
25.53	Unknown-228	C ₃₄ H ₄₁ O ₁₁	[M + H] ⁺	609.272	609.269	4.92	-	-
25.94	Curculigosaponin H	C ₄₇ H ₇₈ O ₁₇	[M - H] ⁻	913.524	913.524	-0.19	751.350; 589.137; 458.650	Cycloartane
29.21	3-O-B-D-Glucopyranosyl sitosterol	C ₃₅ H ₆₀ O ₆	[M - H] ⁻	575.434	575.439	-9.15	559.400; 547.400; 477.322	Sitosterol
30.89	Curculigosaponin C	C ₄₁ H ₆₈ O ₁₃	[M - H] ⁻	767.466	767.466	0.17	693.421; 659.416	Cycloartane
31.03	2,4-Dichloro-5-methoxy-3-methylphenol	C ₈ H ₈ Cl ₂ O ₂	[M - H] ⁻	204.992	204.990	9.60	176.987; 174.972; 154.990; 150.972	Phenolic

* and ^: same RT and molecule formula

A**B**





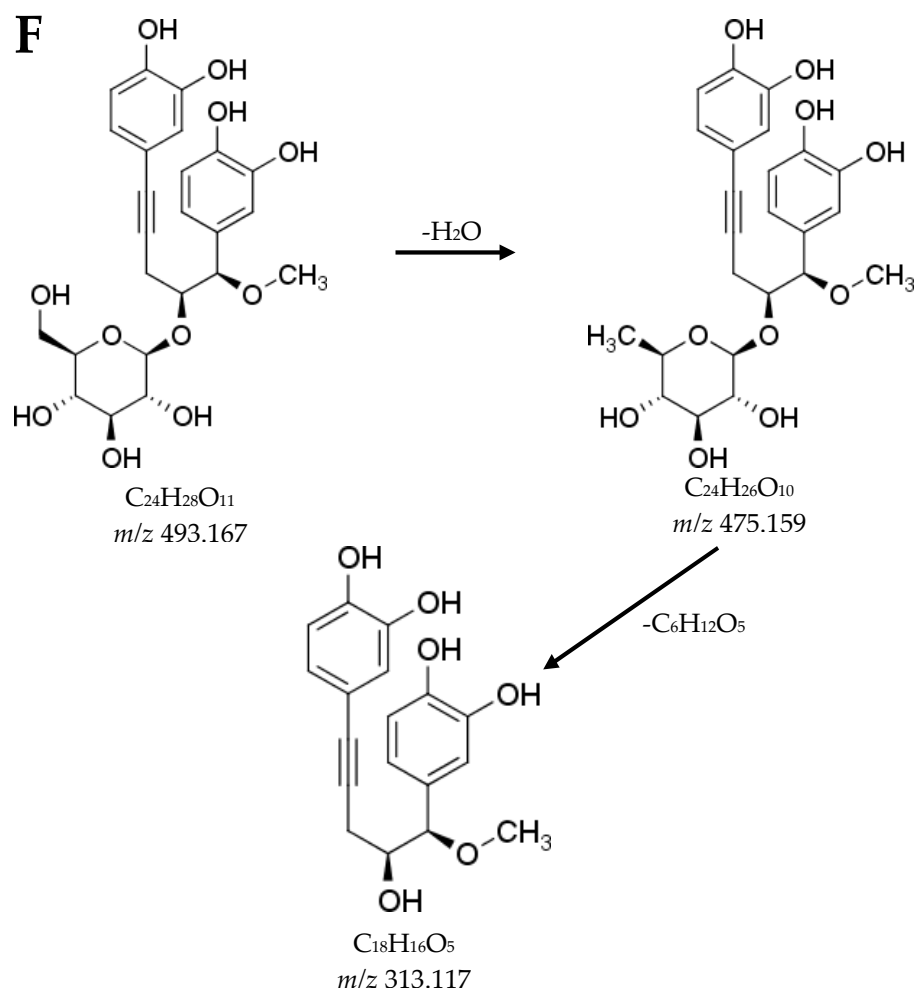
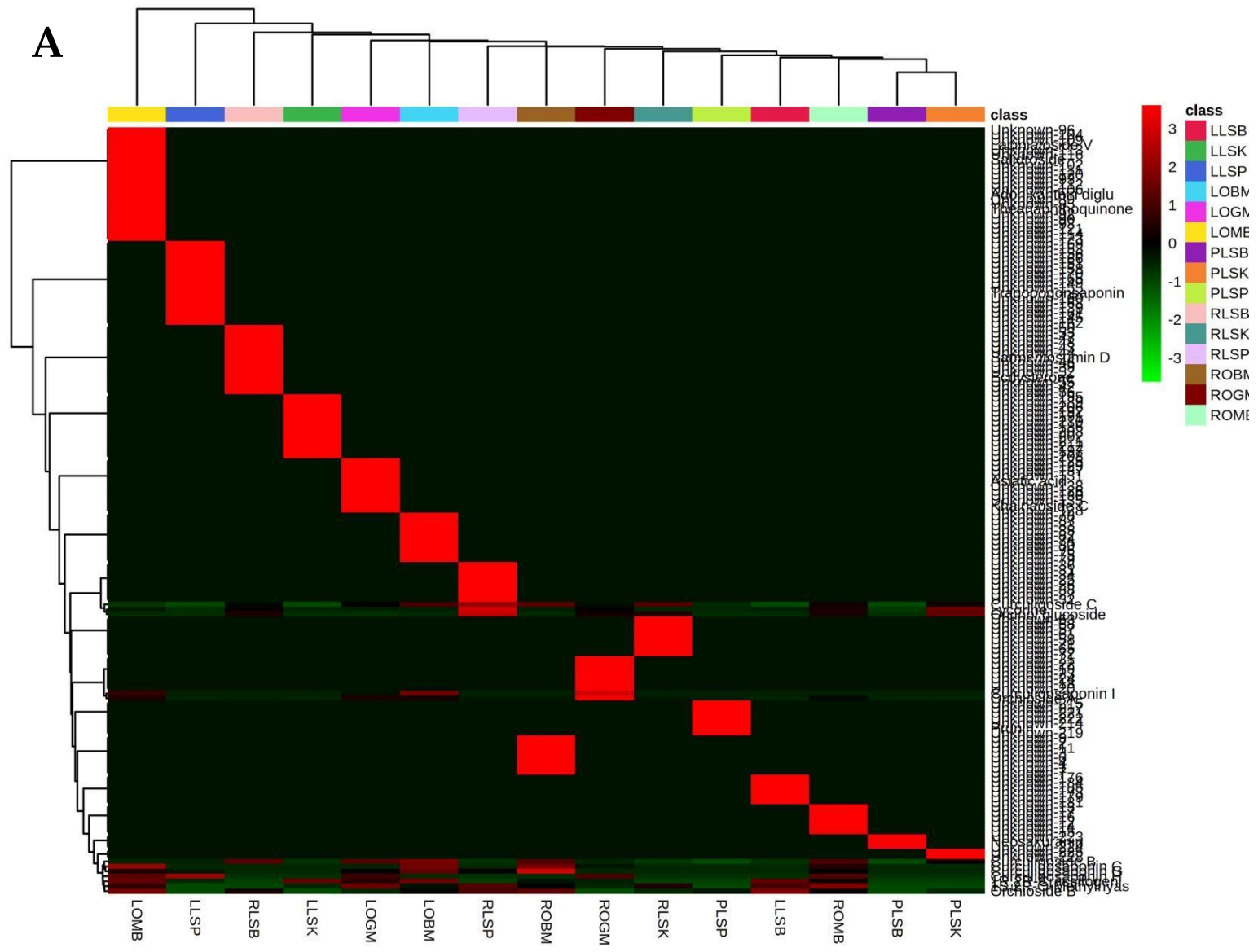


Figure S3. The proposed fragmentation pattern of representative curculigosaponin G (triterpenoid) (A), curculigosaponin H (triterpenoid) (B), curculigosaponin I (triterpenoid) (C), curculigoside B (phenolic) (D), orchioiside B (phenolic) (E), (1S,2R)-O-Methylnyasicoside (norlignan) (F) at ion mode $[M + H]^+$ and $[M - H]^-$ in *C. orchoides* and *C. latifolia*.

A



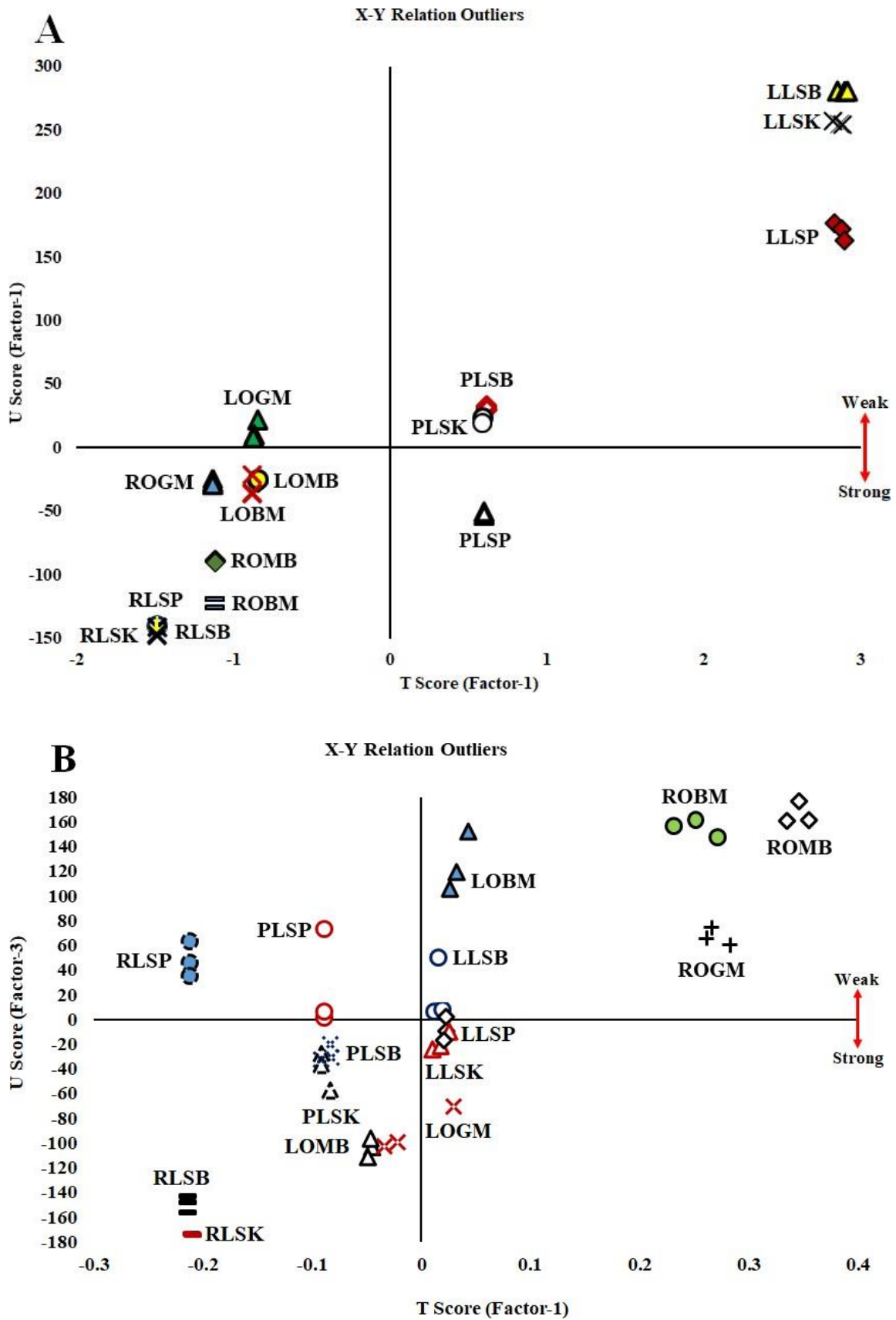


Figure S5. Partial least squares plot x-y relation outliers antioxidant (A) and inhibitory of α -glucosidase (B) activity of a 70% ethanol extract of *C. orchioides* and *C. latifolia*. Axes and ordinate plots show partial least squares scores for each organ sample.

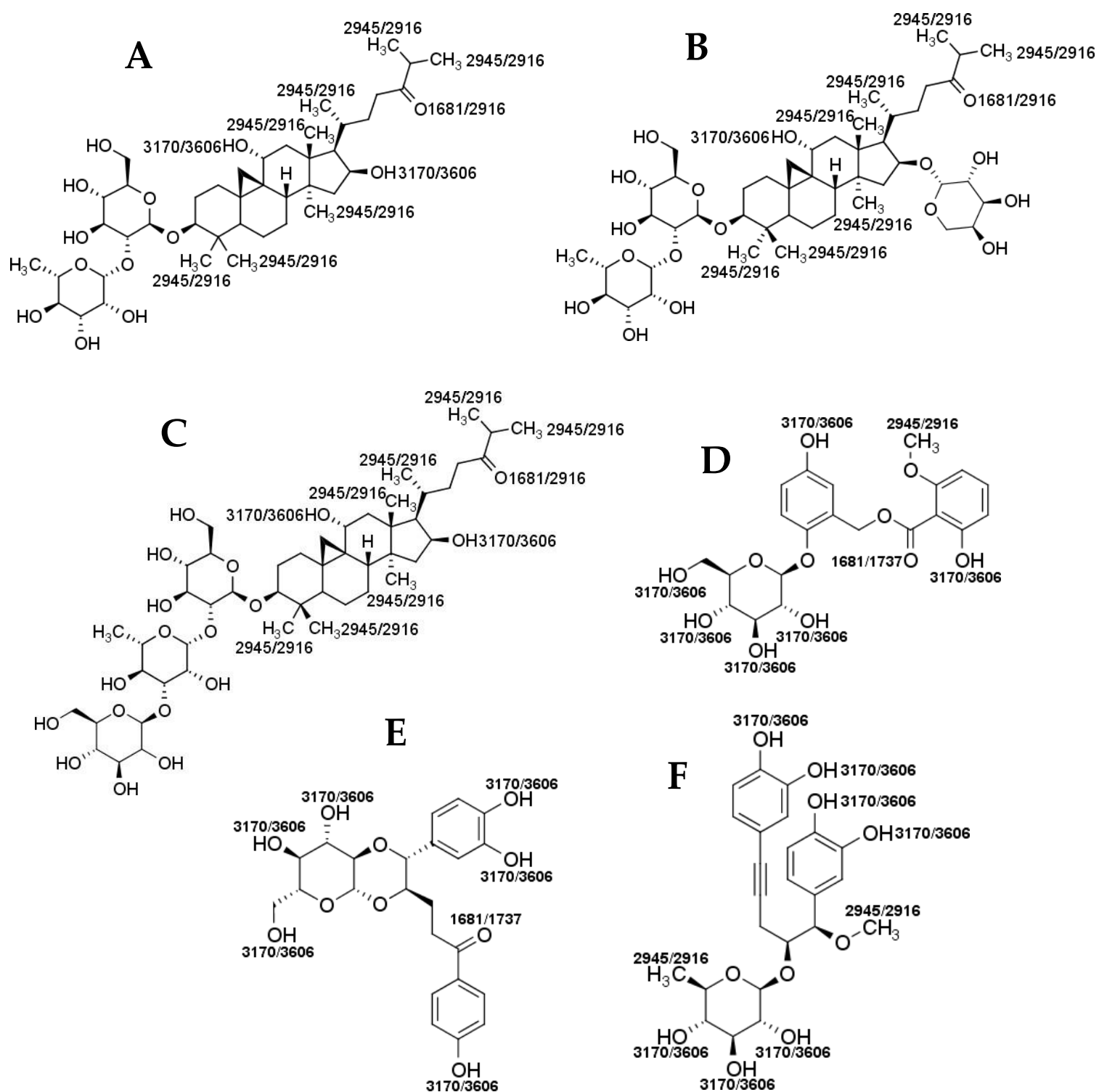


Figure S6. Chemical structure of curculigosaponin G (A), curculigosaponin H (B), curculigosaponin I (C), curculigoside B (D), orchioiside B (E), and (1S,2R)-O-Methylnyasicoside (F) and their functional groups might have a major contribution to the antioxidant activity and the inhibition of α -glucosidase.

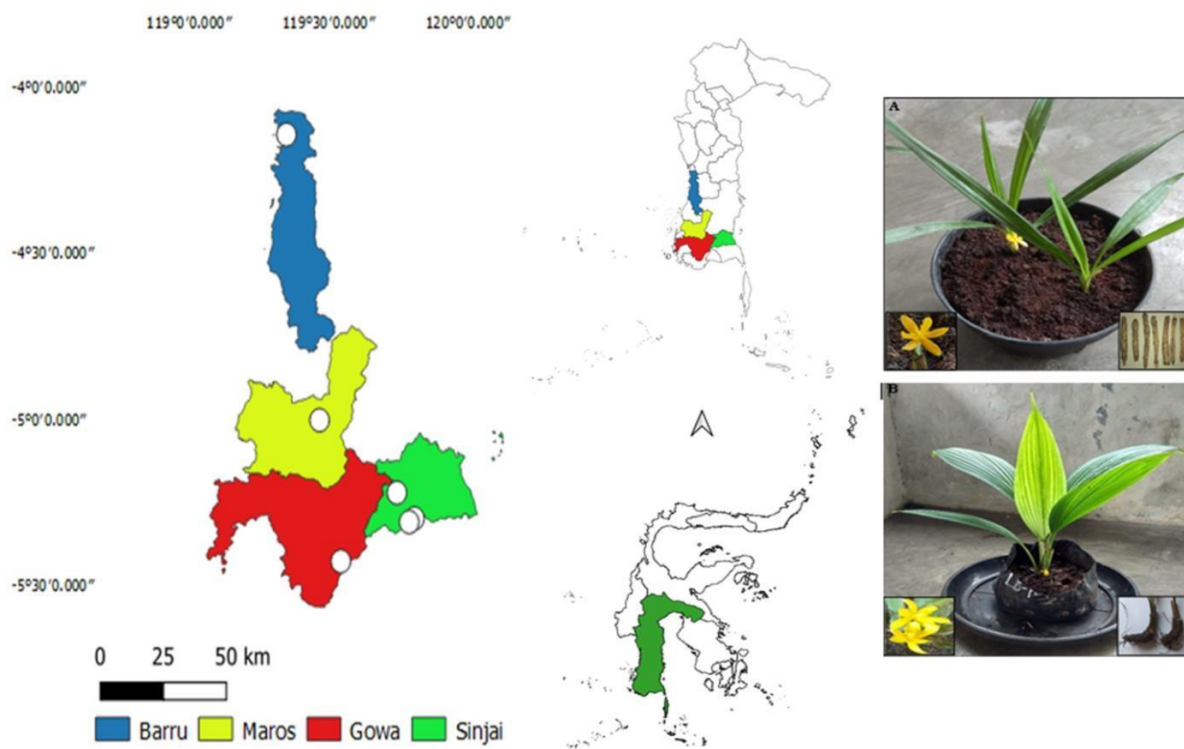


Figure S7. Sampling location of *Curculigo* spp. in South Sulawesi, Sulawesi Island, Indonesia. *Curculigo orchiooides* Gaertn. (A) and *Curculigo latifolia* Dryand. ex W.T.Aiton (B).