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SUPPLEMENTARY MATERIAL TO

The phenolic profile of strawberry tree (*Arbutus unedo* L.) honey

ANDREJA JURIČ[1], UROŠ GAŠIĆ[2]*, IRENA BRČIĆ KARAČONJI[1]**, KARLO JURICA[3] and DUŠANKA MILOJKOVIĆ-OPSENICA[4#]

[1]Institute for Medical Research and Occupational Health, Ksaverska cesta 2, HR-10001 Zagreb, Croatia, [2]Department of Plant Physiology, Institute for Biological Research "Siniša Stanković" – National Institute of Republic of Serbia, University of Belgrade, Bulevar despota Stefana 142, 11060, Belgrade, Serbia, [3]Ministry of the Interior, Ulica grada Vukovara 33, HR-10000 Zagreb, Croatia and [3]University of Belgrade – Faculty of Chemistry, P.O. Box 51, 11158 Belgrade, Serbia

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Table S-I. Negative ion MS^4 fragmentation data for the phenolics identified in *A. unedo* honey; ND – not detected

No.	Molecular ion, *m/z*	MS^2 Fragments, *m/z* (% Base Peak)	MS^3 Fragments, *m/z* (% Base Peak)	MS^4 Fragments, *m/z* (% Base Peak)
Phenolic acids and their derivatives				
1	169	125(100)	107(100)	ND
2	315	153(100), 152(50), 109(15), 108(10)	109(100)	84(100), 81(60)
3	329	167(100)	152(100), 123(70), 108(20)	124(5), 108(100)
4	153	109(100), 95(75), 79(20), 59(10)	81(100), 68(25), 65(15)	ND
5	515	353(100), 341(5), 323(10), 191(90), 179(5)	191(100), 179(10)	173(65), 127(80), 111(30), 85(100)
6	299	137(100)	93(10)	ND
7	341	179(100), 161(35), 135(10)	135(100)	135(10), 117(15), 107(100), 91(35)
8	339	177(100)	177(5), 149(10), 133(100), 105(10), 89(5)	89(100)
9	137	109(10), 93(100)	93(100)	ND
10	353	191(100), 179(5)	173(75), 127(100), 111(40), 93(60), 85(90)	109(30), 99(60), 85(100)
11	325	163(80), 145(100), 119(10)	117(100)	ND

*,** Corresponding authors. E-mail: (*)uros.gasic@ibiss.bg.ac.rs; (**)ibrcic@imi.hr

12	179	135(100), 117(10), 91(20), 59(15)	107(100), 59(50)	ND
13	167	153(10), 152(80), 124(10), 123(100), 108(20)	108(100)	123(30), 80(35), 78(100)
14	355	217(60), 193(100), 175(40), 134(10)	178(20), 149(40), 134(100)	134(50), 106(100)
15	197	182(100), 153(50), 138(10)	167(100), 138(10), 123(5)	123(100)
16	335	179(100), 135(25)	135(100)	107(100)
17	337	191(100), 179(5), 163(10)	173(75), 127(100), 111(40), 93(60), 85(90)	109(30), 99(40), 85(100)
18	163	119(100)	119(60), 101(20), 93(25), 91(100), 72(10)	ND
19	151	136(100)	108(25), 92(100)	108(100)
20	223	208(100), 179(30), 164(20)	193(10), 164(100), 149(15), 135(5)	149(100), 135(35)
21	193	178(70), 149(100), 134(50)	134(100)	106(100)
22	515	353(100)	191(100), 179(40), 135(10)	173(100), 127(50), 111(40), 85(70)
23	177	163(10), 162(100)	134(100), 133(40), 120(20), 106(30)	106(100), 65(80)
24	499	361(5), 337(100), 163(10)	191(10), 173(60), 163(100), 119(10)	119(100)
25	529	367(100), 349(10), 179(10), 161(10)	193(10), 191(25), 179(100), 161(80), 135(60)	135(100)
26	147	104(10), 103(100), 87(10)	119(100)	ND
27	177	177(10), 162(40), 145(100), 118(50)	177(100)	ND
		Flavonoids and their derivatives		
28	593	467(15), 425(100), 407(30), 289(20)	407(100), 281(5), 273(10)	389(30), 297(30), 285(100), 243(70)
29	289	271(5), 245(100), 205(40), 179(15), 125(5)	227(30), 203(100), 187(25), 175(10), 161(20)	188(70), 185(20), 175(100), 161(40), 157(10)
30	577	451(15), 425(100), 407(40), 289(20), 287(10)	407(100), 281(5), 273(10)	389(30), 297(30), 285(100), 243(70)
31	289	271(5), 245(100), 205(40), 179(15), 125(5)	227(35), 203(100), 187(30), 175(15), 161(25)	188(60), 185(20), 175(100), 161(35), 157(15)
32	639	459(65), 315(100), 314(70), 300(60), 299(50)	300(100)	271(100), 255(55), 165(15)
33	609	447(10), 429(80), 285(100), 284(70), 255(20)	257(100), 241(50), 229(40), 213(30), 151(70)	255(10), 239(30), 229(100), 163(40)

34	609	343(5), 301(100), 300(30), 271(10), 255(5)	273(25), 257(20), 179(100), 151(75)	151(100)
35	431	341(20), 311(100)	283(100)	283(80), 239(100), 183(70)
36	463	301(100), 300(30)	273(25), 257(20), 179(100), 151(75)	151(100)
37	593	285(100)	267(40), 257(100), 241(30), 229(40), 213(30)	255(10), 239(30), 229(100), 163(40)
38	623	315(100), 300(20), 271(10), 255(5)	300(100), 287(5), 272(5)	271(100), 255(50), 151(5)
39	433	343(5), 301(80), 300(1000)	271(100), 255(60), 179(10), 151(10)	243(100), 227(80), 215(20), 199(20)
40	579	459(100), 357(5), 313(25), 271(45), 235(10)	441(30), 357(100), 339(30), 271(55), 235(85)	339(100), 169(20), 151(50), 125(20)
41	477	462(40), 315(100), 314(30), 300(25), 299(25)	300(100), 299(5)	272(100), 271(60), 255(80)
42	447	327(20), 285(80), 284(100), 255(10)	255(100), 227(10)	227(100), 211(60)
43	489	285(50), 284(100), 255(20), 227(10)	257(100), 241(50), 229(40), 213(30), 151(70)	255(10), 239(30), 229(100), 163(40)
44	285	257(40), 241(100), 217(50), 199(70), 175(70)	255(50), 227(100), 211(75), 197(35), 183(85)	ND
45	301	271(50), 255(20), 179(100), 151(80), 107(5)	151(100)	107(100), 83(10)
46	271	225(5), 177(10), 151(100)	107(100)	65(100)
47	285	255(100), 227(10)	211(100), 195(5), 167(15)	211(40), 137(100)
48	315	301(20), 300(100)	283(40), 271(80), 255(30), 227(30), 151(100)	107(100), 83(15)
49	315	301(20), 300(100)	283(10), 271(50), 255(100), 227(25), 165(30)	227(100), 200(15), 183(10)
50	253	253(30), 209(100), 181(20), 165(15), 151(15)	181(100), 165(30), 153(20), 141(10)	171(10), 153(100), 152(10), 139(50)
51	255	213(100), 187(15), 151(30), 145(10), 107(5)	185(100), 169(20), 145(20)	185(10), 157(15), 143(100), 141(50), 117(15)
52	269	241(40), 227(80), 213(100), 197(90), 169(50)	211(10), 198(20), 185(40), 169(100), 143(25)	ND