Table S1. The chromatographic and mass data of detected components from *Sabia schumanniana* Diels though UHPLC-Q-Exactive Orbitrap MS.

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula (M+H)$^+$or(M)$^+$	MS/MS fragment (+)	Identification
1	3.32	358.1649	358.1652	0.81	$[C_{20}H_{24}NO_5]^+$	MS^2[358]: 58.0660(100), 255.0667(1), 227.0703(2), 287.0917(4)	C_{6a}-hydroxylation of magnoflorine
2	4.02	490.2072	490.2079	1.43	$[C_{25}H_{31}NO_9+H]^+$	MS^2[490]: 297.1122(100), 237.0914(10), 265.0861(85), 328.1546(36)	11-glc-norisocorydine isomer
3	4.05	312.1594	312.1600	1.86	$[C_{19}H_{22}NO_3]^+$	MS^2[312]: 58.0660(100), 207.0811(1), 267.1014(3)	C_2-O-demethylation of magnoflorine isomer
4	4.28	358.1649	358.1656	1.84	$[C_{20}H_{24}NO_5]^+$	MS^2[358]: 58.0659(100), 253.0863(14), 281.0809(40), 285.0740(4), 313.1071(45)	trilobinine isomer
5	5.33	278.1175	278.1178	1.20	$[C_{18}H_{15}NO_2+H]^+$	MS^2[278]:107.0497(100), 246.0928(6), 262.0858(17)	dehydroroemerine
6	5.40	328.1543	328.1546	0.81	$[C_{19}H_{22}NO_4+H]^+$	MS^2[328]:58.0660(100), 177.0551(2), 222.1118(4), 265.0862(17), 283.0967(34)	boldine isomer
7	5.71	340.1543	340.1552	2.66	$[C_{20}H_{22}NO_4]^+$	MS^2[340]: 263.0705(100), 58.0660(13), 235.0756(29), 295.0965(24)	N-methylbulbocapnine isomer
8	5.72	358.1649	358.1651	0.56	$[C_{20}H_{24}NO_5]^+$	MS^2[358]:58.0660(100), 281.0818(4), 285.0774(3), 295.0966(25), 313.1071(22)	trilobinine isomer
9	5.77	314.1386	314.1389	0.75	$[C_{18}H_{19}NO_4+H]^+$	MS^2[314]: 265.0861(100), 58.0660(77), 165.0913(1), 205.0658(1), 237.0910(31), 297.1124(66)	laurolitsine
10	5.81	298.1437	298.1440	0.70	$[C_{18}H_{19}NO_3+H]^+$	MS^2[278]:192.1022(10	apoglaziovine

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula $(M+H)^+$ or $(M)^+$	MS/MS fragment (+)	Identification
						0), 58.0659(10), 254.0953(19), 283.1197(3)	
11	5.83	312.1594	312.1595	0.51	$[C_{19}H_{22}NO_3]^+$	MS^2[312]: 205.1100(100), 58.0660(19), 207.0819(4), 267.1017(62)	C_2-O-demethylation of magnoflorine isomer
12	5.88	328.1543	328.1545	0.35	$[C_{19}H_{22}NO_4+H]^+$	MS^2[328]: 58.0660(100), 237.0907(1), 283.0966(74), 297.1108(3)	boldine isomer
13	5.99	490.2072	490.2076	0.98	$[C_{25}H_{31}NO_9+H]^+$	MS^2[490]: 265.0861(100), 192.1019(15), 237.0901(2), 297.1122(25), 328.1544(32)	11-glc-norisocorydine isomer
14	6.04	340.1543	340.1545	0.52	$[C_{20}H_{22}NO_4]^+$	MS^2[340]: 263.0704(100), 58.0659(13), 235.0755(29), 295.0962(27)	
15	6.05	358.1649	358.1651	0.48	$[C_{20}H_{24}NO_5]^+$	MS^2[358]: 58.0660(100), 281.0808(6), 285.0773(3), 295.0966(29), 313.1071(28)	N-methylbulbocapnine isomer
16	6.22	344.1856	344.1857	0.10	$[C_{20}H_{26}NO_4]^+$	MS^2[344]: 58.0659(100), 137.0598(30), 143.0493(13), 175.0754(34), 299.1278(12)	trilobinine isomer
17	6.30	328.1907	328.1908	0.15	$[C_{20}H_{26}NO_3]^+$	MS^2[328]: 58.0659(100), 237.0911(3), 252.1143(5), 268.1098(3), 283.1341(26)	zizyphusine+2H
18	6.40	328.1543	328.1544	0.26	$[C_{19}H_{22}NO_4+H]^+$	MS^2[328]: 283.0965(100), 58.0659(25), 237.0913(5), 265.0858(20), 297.1123(14)	N-ring opening-C_1-dehydroxylation of magnoflorine isomer

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula $(M+H)^+$ or $(M)^+$	MS/MS fragment (+)	Identification
19	6.70	342.1700	342.1702	0.54	$[C_{20}H_{24}NO_4]^+$	MS^2[342]: 58.0660(100), 237.0903(11), 265.0853(74), 282.0880(13), 297.1115(69)	boldine isomer
20	6.79	374.1598	374.1596	0.47	$[C_{20}H_{24}NO_6]^+$	MS^2[374]: 58.0659(100), 297.1079(1), 329.1034(1)	magnoflorine isomer
21	7.04	312.1594	312.1597	1.09	$[C_{19}H_{22}NO_3]^+$	MS^2[312]: 267.1017(100), 58.0659(39), 207.0814(2)	Di-hydroxylation of magnoflorine
22	7.31	358.2013	358.2012	-0.32	$[C_{21}H_{28}NO_4]^+$	MS^2 [358]: 58.0660(100), 281.0813(7), 313.1446(5)	C_2-O-demethylation of magnoflorine isomer
23	7.38	282.1489	282.1490	0.58	$[C_{18}H_{19}NO_2+H]^+$	MS^2[282]: 237.0911(100), 58.0660(90), 191.0855(5), 219.0806(23), 251.1063(1)	pareirarinea isomer
24	7.44	340.1543	340.1546	0.78	$[C_{20}H_{22}NO_4]^+$	MS^2[340]: 263.0703(100), 189.0692(2), 217.0644(8), 235.0754(21), 295.0966(42)	lirinidine isomer
25	7.53	328.1543	328.1545	0.35	$[C_{19}H_{22}NO_4+H]^+$	MS^2[328]: 58.0660(100), 178.0864(81), 265.0860(41), 283.0968(43), 297.1123(15)	N-methylbulbocapnine isomer
26	7.58	358.2013	358.2008	1.41	$[C_{21}H_{28}NO_4]^+$	MS^2 [358]: 58.0660(100), 281.0815(7), 313.1059(8)	boldine isomer
27*	7.58	342.1700	342.1703	0.89	$[C_{20}H_{24}NO_4]^+$	MS^2[342]: 265.0852(100), 58.0658(21), 282.0877(4), 297.1123(48), 237.0905(4)	pareirarinea isomer
28	7.67	294.1488	294.1491	0.76	$[C_{19}H_{19}NO_2+H]^+$	MS^2[294]: 217.0650(100),	magnoflorine

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula $(M+H)^+$ or $(M)^+$	MS/MS fragment (+)	Identification
29	7.68	312.1594	312.1597	0.90	$[C_{19}H_{22}NO_3]^+$	58.0659(2), 279.1269(5), 263.0711(5), 250.0958(2) MS^2[312]: 217.0649 (100), 58.0659(57), 218.0692(7), 237.0875(15), 252.0784(5), 267.1017(15)	dehydronuciferine isomer
30	7.69	354.1700	354.1704	1.12	$[C_{21}H_{24}NO_4+H]^+$	MS^2[354]: 58.0660(100), 251.1074(11), 309.1119(33)	C_2-O-demethylation of magnoflorine isomer
31	7.72	282.1489	282.1491	0.80	$[C_{18}H_{19}NO_2+H]^+$	MS^2[282]: 237.0911(100), 58.0660(95), 191.0862(5), 219.0807(24)	N-methyl nantenine
32	7.87	312.1594	312.1597	0.90	$[C_{19}H_{21}NO_3+H]^+$	MS^2[312]: 267.1016(100), 58.0659(56), 217.0650(45), 280.1064(9), 294.1487(9)	lirinidine isomer
33	8.04	344.1492	344.1495	0.85	$[C_{19}H_{22}NO_5]^+$	MS^2[344]: 58.0660(100), 237.0907(6), 265.0860(29), 283.0926(10)	isothebaine isomer
34	8.04	374.1598	374.1603	1.49	$[C_{20}H_{24}NO_6]^+$	MS^2[374]: 58.0659(100), 297.0756(5), 329.1017(43)	N-CH_3 -hydroxylation of C_2-O-demethylation of magnoflorine
35	8.10	358.1649	358.1653	1.23	$[C_{20}H_{24}NO_5]^+$	MS^2[358]: 313.1071(28), 58.0660(51), 253.0859(4), 281.0804(13), 285.0804(13)	Di-hydroxylation of magnoflorine
36	8.35	356.1856	356.1858	0.52	$[C_{21}H_{26}NO_4]^+$	MS^2[356]: 58.0660(100), 236.0833(3), 264.0785(10), 251.1066(9), 279.1018(79), 280.1082(30), 296.1038(19),	trilobinine isomer

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula $(M+H)^+$ or $(M)^+$	MS/MS fragment (+)	Identification
37	8.42	312.1594	312.1594	0.19	$[C_{19}H_{21}NO_3+H]^+$	311.1280(21) MS^2[312]: 217.0650(100), 58.0659(67), 280.1064(9), 294.1490(23), 296.1046(8),	menisperine isomer
38	8.66	340.1543	340.1548	0.87	$[C_{20}H_{21}NO_4+H]^+$	MS^2[340]: 58.0660(100), 220.0526(2), 264.0755(7), 309.1354(4)	isothebaine isomer
39	8.70	340.1543	340.1546	0.69	$[C_{20}H_{22}NO_4]^+$	MS^2[340]: 263.0703(100), 58.0659(33), 235.0751(3), 295.0965(22)	crebanine
40	8.72	328.1907	328.1906	-0.24	$[C_{21}H_{28}NO_4]^+$	MS^2[328]: 58.0659(100), 251.1067(6), 253.1226(2), 283.1328(19)	N-methylbulbocapnine isomer
41	8.83	400.1755	400.1757	0.64	$[C_{22}H_{26}NO_6]^+$	MS^2[400]: 58.0660(100), 295.0961(2), 323.0918(32), 355.1180(29)	N-ring opening-C_1-dehydroxylation of magnoflorine isomer
42	8.97	342.1700	342.1702	0.63	$[C_{20}H_{24}NO_4]^+$	MS^2[342]: 58.0659(100), 237.0912(7), 265.0860(49), 282.0894(7), 297.1122(45)	C_{10}-OCH_3-hydroxylation and C_{11}-O-acetylation of magnoflorine
43	9.18	356.1856	356.1857	0.27	$[C_{21}H_{26}NO_4]^+$	MS^2[356]: 58.0660(100), 251.0709(12), 279.1016(66), 280.1085(21), 296.1035(13), 311.0925(18)	magnoflorine isomer
44	9.71	296.1645	296.1646	0.45	$[C_{19}H_{22}NO_2]^+$	MS^2[296]: 251.1068(100), 58.0660(26), 219.0807(24), 221.0957(1), 236.0826(2)	menisperine isomer
45*	10.29	282.1489	282.1495	0.43	$[C_{18}H_{19}NO_2+H]^+$	MS^2[282]: 251.1067(100),	C_1-demethoxy -C_2-dehydrox of

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula $(M+H)^+$ or $(M)^+$	MS/MS fragment (+)	Identification
						58.0660(13), 191.0856(5), 219.0806(39)	magnoflorine isomer
46	10.32	374.1598	374.1599	0.34	$[C_{20}H_{24}NO_6]^+$	MS^2[314]: 329.1022(100), 58.0659(14), 297.0758(1)	lirinidine
47	11.27	294.1488	294.1491	1.07	$[C_{19}H_{19}NO_2+H]^+$	MS^2[294]: 217.0650(100), 58.0658(1), 236.0831(1), 250.0946(3), 263.1286(1), 279.1256(8)	di-hydroxylation of magnoflorine
48	11.76	384.1805	384.1812	1.64	$[C_{22}H_{26}NO_5]^+$	MS^2[384]: 325.1070(100), 58.0659(18), 251.1067(4), 279.1019(10), 292.0738(9), 307.0953(4), 339.1230(4)	dehydronuciferine isomer
49	12.82	356.1856	356.1861	1.39	$[C_{21}H_{26}NO_4]^+$	MS^2[356]: 58.0660(100), 251.1067(12), 279.1018(77), 280.1084(27), 296.1043(21), 311.1273(16)	C_1-O-acetylation of magnoflorine
50*	12.86	282.1489	282.1493	1.54	$[C_{18}H_{19}NO_2+H]^+$	MS^2[282]: 265.1224(100), 58.0659(8), 234.1041(25), 250.0990(60)	menisperine isomer
51	12.94	266.1176	266.1178	1.15	$[C_{17}H_{15}NO_2+H]^+$	MS^2[266]: 131.0494(100), 191.0855(3), 219.0804(14), 249.0912(76)	N-nornuciferine
52	13.07	294.1489	294.1491	0.23	$[C_{19}H_{20}NO_2]^+$	MS^2[310]: 58.0659(100), 191.0862(1), 219.0805(4), 249.0911(55)	anonaine
53*	13.10	280.1332	280.1336	1.45	$[C_{18}H_{18}NO_2+H]^+$	MS^2[280]: 249.0912(100), 58.0659(3), 191.0863(3),	roemrefidine

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula $(M+H)^+$ or $(M)^+$	MS/MS fragment (+)	Identification
54	13.34	292.0968	292.0972	1.40	$[C_{18}H_{13}NO_3+H]^+$	219.0805(13) MS^2[292]:277.1099(100), 248.0717(8), 264.0999(5)	roemerine
55	13.50	324.1230	324.1235	1.56	$[C_{19}H_{17}NO_4+H]^+$	MS^2[324]: 58.0659(100), 177.0554(3), 263.0940(12), 293.1054(6)	lysicamine isomers
56	13.53	356.1492	356.1496	0.99	$[C_{20}H_{22}NO_5]^+$	MS^2[356]: 58.0659(100), 251.0703(1), 279.1028(7), 311.0918(22)	neolitsine isomer
57	13.83	312.1230	312.1231	0.33	$[C_{18}H_{17}NO_4+H]^+$	MS^2[294]: 295.1328(100), 58.0659(31), 264.1164(52) , 265.0865(21), 280.1095(90)	C_5-methylene to ketone of magnoflorine
58	13.94	312.1594	312.1598	1.28	$[C_{19}H_{21}NO_3+H]^+$	MS^2[312]: 295.1329(100), 58.0659(31), 217.0649(90), 280.1095(90), 296.1357(16)	nandigerine
59	14.11	310.1438	310.1441	0.97	$[C_{19}H_{20}NO_3]^+$	MS^2[310]: 58.0659(100), 177.0555(1), 205.0648(3), 237.0909(13), 265.0859(20)	isothebaine isomer
60	14.22	310.1437	310.1440	0.87	$[C_{19}H_{19}NO_3+H]^+$	MS^2[310]: 58.0660(100), 279.1008(1), 264.0792(1),	C_1-demethoxy -C_2-dehydrox-C_{10},C_{11}-Ethyl epoxide of magnoflorine isomer
61	14.26	296.1645	296.1649	1.20	$[C_{19}H_{22}NO_2]^+$	MS^2[296]: 251.1068(100), 58.0660(15), 219.0805(31), 220.0842(3), 221.0957(1), 236.0834(3)	stephanine
62	14.61	294.1488	294.1493	1.38	$[C_{19}H_{19}NO_2+H]^+$	MS^2[294]: 217.0650(100), 58.0660(8), 279.1257(9), 263.1296(1),250.0945(	C_1-demethoxy -C_2-dehydrox of magnoflorine isomer

Peak	$t_{R(min)}$	Theoretical Mass *m/z*	Experimental Mass *m/z*	Error (ppm)	Formula $(M+H)^+$ or $(M)^+$	MS/MS fragment (+)	Identification
63	15.99	294.1124	294.1125	0.07	$[C_{18}H_{15}NO_3+H]^+$	1) MS^2[294]: 262.0863(100), 58.0658(1), 239.0951(1), 257.1901(1)	dehydronuciferine isomer
64	17.08	310.1438	310.1441	0.97	$[C_{19}H_{20}NO_3]^+$	MS^2[310]: 233.0961(100), 58.0661(12), 177.1288(1), 265.1220(23	N-formyl-annonain
65	17.39	324.1230	324.1231	0.33	$[C_{19}H_{17}NO_4+H]^+$	MS^2[324]: 264.1019(100), 233.0831(22), 263.0940(31), 265.1077(22)	C_1-demethoxy -C_2-dehydrox-C_{10},C_{11}-Ethyl epoxide of magnoflorine isomer
66	18.00	308.1281	308.1283	0.49	$[C_{19}H_{17}NO_3+H]^+$	MS^2[308]: 249.0914(100), 191.0859(6), 219.0806(23)	neolitsine isomer
67	18.18	324.1230	324.1234	1.16	$[C_{19}H_{17}NO_4+H]^+$	MS^2[324]: 264.1018(100), 58.0660(53), 233.0827(17), 263.0926(17), 265.1074(16)	N-acetylanonaine
68	18.53	292.0968	292.0972	1.12	$[C_{18}H_{13}NO_3+H]^+$	MS^2[292]:277.1039(100), 248.0712(8), 264.1024(13)	neolitsine isomer
69	18.81	292.0968	292.0971	0.89	$[C_{18}H_{13}NO_3+H]^+$	MS^2[292]:264.1018(100), 248.0702(8), 277.0734(48)	lysicamine isomers
70	19.08	338.1386	338.1387	0.13	$[C_{20}H_{19}NO_4+H]^+$	MS^2[338]: 307.1201(100), 279.1258(4), 308.1265(10), 323.1153(16)	lysicamine isomers sinomendine

* identified by comparison with standards.