



Data File W:\TASIC334 2021-02-12 16-16-21\SIG10001273.D

Sample Name: **Angelica officinalis**

Instrument 1 12.02.2021 16:59:22

```
=====
Acq. Operator   : Slavoljub Tasic                Seq. Line :    2
Acq. Instrument : Instrument 1                    Location  : Vial 102
Injection Date  : 12.02.2021 16:19:38           Inj       :    1
                                                    Inj Volume: 2 µl
Acq. Method     : C:\CHEM32\1\DATA\TASIC334 2021-02-12 16-16-21\TASIC4.M
Last changed    : 29.03.2018 12:48:39 by Slavoljub Tasic
Analysis Method : C:\CHEM32\1\METHODS\DEF_GC.M
Last changed    : 12.02.2021 16:59:10
                  (modified after loading)
=====
```

Sample Info : **Beoflos**

Area Percent Report

```
=====
Sorted By      :      Signal
Multiplier:    :      1.0000
Dilution:      :      1.0000
Use Multiplier & Dilution Factor with ISTDs
Signal 1: FID1 A, Front Signal
```

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %	
1	6.305	BB	0.0419	4.89983	1.81696	0.03223	
2	7.078	BV	0.0458	5.81932	2.05497	0.03828	
3	7.191	VV	0.0355	77.37357	33.80904	0.50891	α-thujene
4	7.274	VB	0.0507	1369.68701	422.15097	9.00890	α-pinene
5	7.656	BB	0.0526	68.22088	20.39715	0.44871	camphene
6	8.282	BV	0.0534	74.64555	21.89580	0.49097	sabinene
7	8.389	VB	0.0545	118.28197	34.40811	0.77798	β-pinene
8	8.716	BB	0.0555	1047.98962	297.83932	6.89299	β-myrcene
9	9.138	BV	0.0565	597.50177	165.52002	3.92998	α-phellandrene
10	9.300	VB	0.0570	54.80190	15.01596	0.36045	Δ ³ -carene
11	9.493	BB	0.0568	11.54951	3.37253	0.07597	α-terpinene
12	9.987	BV	0.0799	1.01076e4	1677.23901	66.48109	β-phellandrene
13	10.064	VB	0.0459	77.63632	25.48795	0.51064	β-ocimene, cis
14	10.379	BB	0.0471	182.38144	60.55492	1.19959	β-ocimene, trans

15	11.656	BB	0.0548	15.53736	4.39668	0.10219	α -terpinolene
16	12.212	BB	0.0488	11.50350	3.73053	0.07566	
17	12.909	BB	0.0551	20.00942	5.51926	0.13161	
18	13.553	BB	0.0875	25.79295	3.94290	0.16965	
19	17.962	BB	0.0570	15.29467	4.11458	0.10060	bornyl acetate
20	18.758	BB	0.0505	6.78594	2.05797	0.04463	
21	19.416	BV	0.0552	27.04848	7.59083	0.17791	
22	19.559	VB	0.0529	60.85334	17.70957	0.40025	
23	20.535	BB	0.0477	8.07394	2.64043	0.05311	
24	20.781	BB	0.0523	144.67053	43.66290	0.95155	α -copaene
25	21.068	BB	0.0544	13.83351	4.03054	0.09099	
26	21.263	BB	0.0504	39.56893	12.01175	0.26026	β -bourbonene
27	22.115	BB	0.0604	20.21656	5.51717	0.13297	
28	22.405	BV	0.0514	29.95000	9.05249	0.19699	
29	22.503	VB	0.0570	176.32683	49.26986	1.15976	β -caryophyllene
30	23.143	BB	0.0580	114.97433	31.31337	0.75623	α -humulene
31	23.947	BB	0.0557	78.26813	21.69361	0.51480	Mt=204
32	24.302	BV	0.0531	155.01314	44.01645	1.01957	α -selinene
33	24.400	VV	0.0584	88.43067	22.64244	0.58164	Mt=204
34	24.479	VB	0.0511	38.85773	11.60571	0.25558	γ -cadinene
35	24.675	BB	0.0749	61.05203	11.31594	0.40156	
36	25.130	BB	0.0637	77.73234	18.09152	0.51127	δ -cadinene
37	26.127	BB	0.0541	16.39910	4.91242	0.10786	
38	26.750	BB	0.0949	22.20021	3.21618	0.14602	
39	28.092	BB	0.0599	47.64450	12.22617	0.31337	13-tridecanolide ?
40	28.601	BB	0.0593	16.04293	4.17057	0.10552	
41	29.270	BB	0.0598	9.72067	2.54024	0.06394	
42	30.130	BB	0.0617	14.07076	3.59358	0.09255	
43	33.279	BB	0.0714	39.05758	7.67294	0.25690	cyclopentadecanolide ?
44	36.112	BB	0.0550	10.39607	2.81964	0.06838	
Totals :				1.52037e4	3158.64095		

=====
 *** End of Report ***
 =====