

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
 Data File : BM036024.D
 Acq On : 30 Jul 2022 10:51
 Operator : CG/JU
 Sample : N3792-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBUM6

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Title : SVOA CALIBRATION

Signal : TIC: BM036024.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	27	31	41	rVB	95974	134351	1.72%	0.178%
2	3.557	77	80	85	rBV	25899	33254	0.42%	0.044%
3	3.699	100	104	120	rBV	266081	417262	5.33%	0.551%
4	3.928	139	143	151	rVB	44250	63305	0.81%	0.084%
5	4.022	155	159	164	rBV	25325	33949	0.43%	0.045%
6	4.951	315	317	323	rVB3	7400	11478	0.15%	0.015%
7	5.563	418	421	427	rVB	10521	16822	0.21%	0.022%
8	7.034	665	671	682	rVB	352337	576677	7.37%	0.762%
9	7.204	694	700	709	rBV	1310560	1994691	25.49%	2.635%
10	7.281	711	713	718	rVB6	9055	12411	0.16%	0.016%
11	7.398	725	733	743	rBV	1250646	1957014	25.01%	2.586%
12	7.869	806	813	822	rBV	1274458	2002927	25.59%	2.646%
13	7.939	822	825	831	rVB9	6058	7989	0.10%	0.011%
14	8.581	927	934	949	rBV	907110	1506607	19.25%	1.991%
15	9.039	1004	1012	1025	rBV	1432386	2310938	29.53%	3.053%
16	9.145	1027	1030	1036	rVV3	12992	22462	0.29%	0.030%
17	9.204	1036	1040	1045	rVB8	7864	13151	0.17%	0.017%
18	9.757	1125	1134	1146	rBV	1009201	1674213	21.39%	2.212%
19	10.298	1218	1226	1238	rBV	1504229	2521899	32.22%	3.332%
20	10.675	1282	1290	1298	rBV	1734636	2805833	35.85%	3.707%
21	10.816	1306	1314	1327	rBV	1094459	1886063	24.10%	2.492%
22	11.474	1420	1426	1431	rBV8	9046	18832	0.24%	0.025%
23	11.939	1497	1505	1511	rBV4	9799	20940	0.27%	0.028%
24	12.263	1555	1560	1569	rVB	29545	50304	0.64%	0.066%
25	12.869	1660	1663	1667	rBV6	10246	16288	0.21%	0.022%
26	13.116	1702	1705	1707	rBV4	6880	8632	0.11%	0.011%
27	13.416	1751	1756	1759	rBV7	7490	10170	0.13%	0.013%
28	13.480	1764	1767	1770	rBV4	8298	12261	0.16%	0.016%
29	13.927	1834	1843	1854	rBV	2778980	3820834	48.82%	5.048%
30	14.204	1877	1890	1899	rBV	3421512	4824756	61.65%	6.375%
31	14.398	1917	1923	1924	rBV6	6271	10058	0.13%	0.013%
32	14.510	1933	1942	1952	rBV	2337818	3373729	43.11%	4.457%
33	14.710	1966	1976	1991	rBV	203640	376588	4.81%	0.498%
34	14.862	1998	2002	2007	rBV7	11106	20307	0.26%	0.027%
35	14.921	2009	2012	2018	rVB8	10352	18466	0.24%	0.024%
36	15.298	2071	2076	2079	rBV5	11851	18695	0.24%	0.025%

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Integrator: RTE

Smoothing : OFF

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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37	15.351	2084	2085	2092	rVB5	8914	9955	0.13%	0.013%
38	15.498	2103	2110	2117	rBV	4425574	6016301	76.87%	7.949%
39	15.615	2124	2130	2141	rBV	1066004	1453903	18.58%	1.921%
40	15.739	2146	2151	2158	rVB2	50675	80343	1.03%	0.106%
41	15.868	2171	2173	2177	rVB5	9295	9691	0.12%	0.013%
42	15.915	2177	2181	2185	rVB6	6176	8717	0.11%	0.012%
43	16.062	2201	2206	2211	rBV7	6286	10455	0.13%	0.014%
44	16.186	2221	2227	2230	rBV8	8736	17846	0.23%	0.024%
45	16.221	2230	2233	2239	rVV5	10493	20291	0.26%	0.027%
46	16.280	2239	2243	2247	rVB2	27633	38744	0.50%	0.051%
47	16.392	2258	2262	2266	rVB7	9612	15035	0.19%	0.020%
48	16.651	2303	2306	2312	rBV6	13166	19940	0.25%	0.026%
49	16.727	2314	2319	2323	rBV3	25581	39301	0.50%	0.052%
50	16.927	2351	2353	2357	rVB3	9371	9250	0.12%	0.012%
51	17.009	2364	2367	2370	rBV2	14987	18800	0.24%	0.025%
52	17.168	2392	2394	2398	rVB5	8441	8316	0.11%	0.011%
53	17.245	2401	2407	2413	rBV	2561612	3663743	46.81%	4.841%
54	17.345	2418	2424	2434	rVV	4397067	6341945	81.03%	8.379%
55	17.621	2467	2471	2472	rBV4	9669	10624	0.14%	0.014%
56	17.803	2498	2502	2507	rBV2	19890	28919	0.37%	0.038%
57	17.921	2518	2522	2526	rVB	23464	31299	0.40%	0.041%
58	18.021	2534	2539	2544	rBV8	16783	26222	0.34%	0.035%
59	18.145	2555	2560	2567	rBV	122002	165405	2.11%	0.219%
60	18.221	2570	2573	2578	rVB	19185	25011	0.32%	0.033%
61	18.439	2608	2610	2613	rBV4	7734	7837	0.10%	0.010%
62	18.633	2639	2643	2649	rBV9	12645	24457	0.31%	0.032%
63	18.745	2659	2662	2670	rVB2	21133	28990	0.37%	0.038%
64	19.203	2735	2740	2745	rBV	58551	90441	1.16%	0.119%
65	19.274	2748	2752	2755	rBV	55624	72431	0.93%	0.096%
66	19.421	2774	2777	2781	rBV5	21786	30245	0.39%	0.040%
67	19.545	2794	2798	2800	rBV4	28937	36369	0.46%	0.048%
68	19.639	2808	2814	2820	rBV	5825422	7579240	96.84%	10.014%
69	20.639	2981	2984	2988	rVB	103898	104337	1.33%	0.138%
70	21.144	3066	3070	3076	rBV2	282015	379715	4.85%	0.502%
71	21.427	3113	3118	3128	rBV	3249019	4104424	52.44%	5.423%
72	22.668	3325	3329	3337	rVB	398199	541503	6.92%	0.715%
73	23.638	3487	3494	3501	rBV2	4057721	7826280	100.00%	10.340%
74	23.791	3513	3520	3533	rVB2	2156047	4186767	53.50%	5.532%

Sum of corrected areas: 75687248

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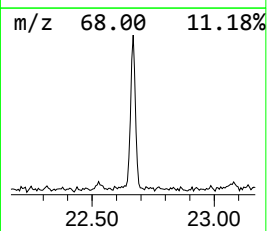
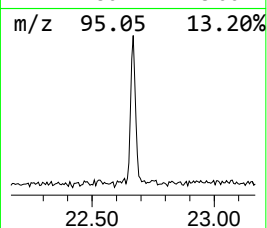
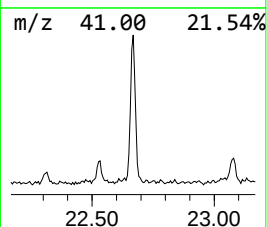
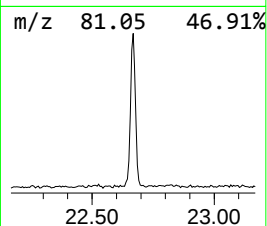
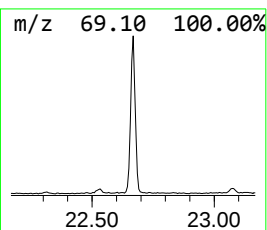
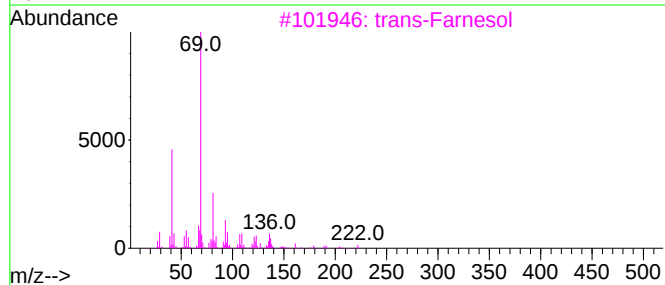
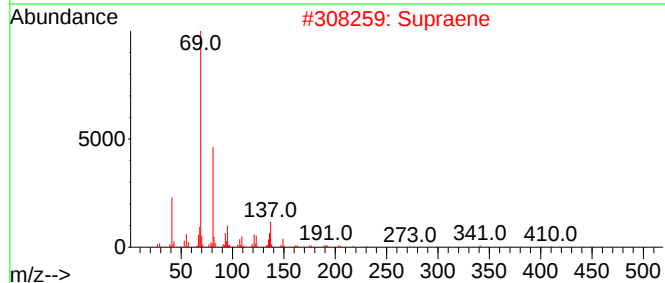
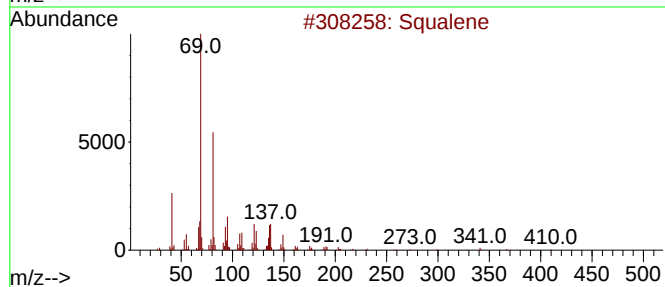
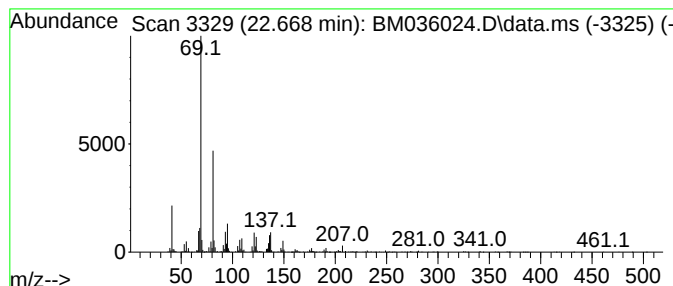
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.668	2.59 ng/ul	541503	Perylene-d12	23.791

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	91
2			Supraene	410	C30H50	007683-64-9	87
3			trans-Farnesol	222	C15H26O	000106-28-5	83
4			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
5			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Squalene	22.668	2.6	ng/ul	541503	6	23.791	4186770	20.0