

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051655.D
 Acq On : 19 Dec 2021 9:02
 Operator : CG/JU
 Sample : M5154-06
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL86

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Title : SVOA CALIBRATION

Signal : TIC: BG051655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.600	14	19	25	rVV2	11230	16483	1.50%	0.126%
2	3.870	63	65	69	rBV3	3164	3784	0.34%	0.029%
3	4.029	87	92	105	rVV	81921	144301	13.10%	1.105%
4	4.387	148	153	157	rBV3	2771	4280	0.39%	0.033%
5	7.401	658	666	678	rVB	188295	342132	31.05%	2.621%
6	7.577	689	696	704	rBV	123507	208426	18.92%	1.597%
7	7.794	725	733	742	rBV	170786	292057	26.51%	2.237%
8	8.270	807	814	824	rBV	159138	267422	24.27%	2.049%
9	8.963	925	932	942	rVB2	209419	367465	33.35%	2.815%
10	9.439	1002	1013	1021	rBV	171785	308494	28.00%	2.363%
11	9.604	1036	1041	1046	rVB3	1720	2890	0.26%	0.022%
12	9.874	1079	1087	1090	rBV2	3878	5768	0.52%	0.044%
13	10.174	1130	1138	1146	rVB	146592	259925	23.59%	1.991%
14	10.714	1223	1230	1239	rBV	222971	399777	36.28%	3.062%
15	10.855	1250	1254	1258	rBV3	1984	3287	0.30%	0.025%
16	11.108	1290	1297	1306	rVB	215293	391269	35.51%	2.997%
17	11.231	1311	1318	1328	rVV	204546	373207	33.87%	2.859%
18	12.506	1531	1535	1539	rVV3	3878	5764	0.52%	0.044%
19	12.670	1560	1563	1569	rBV3	3849	7543	0.68%	0.058%
20	13.728	1738	1743	1749	rBV3	12370	18678	1.70%	0.143%
21	14.297	1833	1840	1846	rVV	425101	590907	53.63%	4.527%
22	14.526	1876	1879	1884	rVV3	5848	8844	0.80%	0.068%
23	14.603	1884	1892	1899	rVV	459412	722558	65.58%	5.535%
24	14.791	1918	1924	1928	rBV3	4901	8585	0.78%	0.066%
25	14.908	1937	1944	1951	rVB	373393	586415	53.22%	4.492%
26	15.067	1963	1971	1977	rBV	186129	283096	25.69%	2.169%
27	15.284	2005	2008	2015	rVB3	1784	3125	0.28%	0.024%
28	15.525	2046	2049	2057	rVB3	3628	5619	0.51%	0.043%
29	15.696	2071	2078	2082	rBV4	5780	9801	0.89%	0.075%
30	15.737	2082	2085	2090	rVB3	5095	6552	0.59%	0.050%
31	15.895	2104	2112	2120	rVB	585283	890798	80.85%	6.824%
32	15.995	2123	2129	2140	rVB	142594	209844	19.05%	1.607%
33	16.142	2149	2154	2157	rBV4	2344	3573	0.32%	0.027%
34	16.289	2176	2179	2182	rBV2	2816	3584	0.33%	0.027%
35	16.571	2223	2227	2229	rVV3	4467	6432	0.58%	0.049%
36	16.594	2229	2231	2234	rVV3	4095	5569	0.51%	0.043%

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37	16.624	2234	2236	2241	rVV4	3295	4328	0.39%	0.033%
38	16.677	2243	2245	2248	rVV2	3554	3006	0.27%	0.023%
39	16.776	2257	2262	2267	rBV4	4118	5159	0.47%	0.040%
40	16.882	2278	2280	2285	rVB3	1872	2729	0.25%	0.021%
41	17.105	2314	2318	2325	rVB6	4336	6084	0.55%	0.047%
42	17.176	2325	2330	2333	rBV4	3324	4881	0.44%	0.037%
43	17.387	2363	2366	2370	rVV2	6269	7129	0.65%	0.055%
44	17.446	2370	2376	2381	rVV5	4497	6658	0.60%	0.051%
45	17.546	2388	2393	2398	rBV4	8063	9989	0.91%	0.077%
46	17.658	2405	2412	2418	rBV	484288	739689	67.13%	5.666%
47	17.752	2421	2428	2436	rVV	629393	961552	87.27%	7.366%
48	17.822	2439	2440	2443	rVB3	6524	4325	0.39%	0.033%
49	18.133	2489	2493	2496	rBV2	2683	3810	0.35%	0.029%
50	18.304	2517	2522	2530	rVB2	26521	33040	3.00%	0.253%
51	18.392	2532	2537	2543	rBV5	4920	9194	0.83%	0.070%
52	18.445	2543	2546	2550	rVB3	4507	5361	0.49%	0.041%
53	18.480	2550	2552	2555	rBV4	2140	2704	0.25%	0.021%
54	18.521	2555	2559	2566	rBV3	33492	45419	4.12%	0.348%
55	19.138	2661	2664	2666	rBV3	3243	4103	0.37%	0.031%
56	19.302	2689	2692	2699	rVB7	5273	9396	0.85%	0.072%
57	19.385	2703	2706	2711	rVB5	6832	9839	0.89%	0.075%
58	19.426	2711	2713	2715	rBV3	3492	3470	0.31%	0.027%
59	19.461	2715	2719	2723	rVB2	44627	52703	4.78%	0.404%
60	19.596	2738	2742	2746	rVV6	12382	17826	1.62%	0.137%
61	19.667	2749	2754	2757	rBV3	13556	20819	1.89%	0.159%
62	19.784	2771	2774	2776	rBV4	8208	9311	0.85%	0.071%
63	19.925	2792	2798	2802	rBV6	6804	11611	1.05%	0.089%
64	20.031	2807	2816	2822	rBV	788648	1101805	100.00%	8.440%
65	20.507	2893	2897	2899	rBV5	4218	4997	0.45%	0.038%
66	20.924	2964	2968	2972	rBV7	4669	6641	0.60%	0.051%
67	21.029	2984	2986	2987	rBV2	6062	3483	0.32%	0.027%
68	21.335	3036	3038	3039	rBV2	3605	3202	0.29%	0.025%
69	21.529	3069	3071	3072	rBV2	4133	2834	0.26%	0.022%
70	21.576	3074	3079	3087	rBV2	65685	118498	10.75%	0.908%
71	21.840	3123	3124	3127	rBV3	4451	3683	0.33%	0.028%
72	21.975	3139	3147	3156	rBV	433211	778685	70.67%	5.965%
73	22.804	3287	3288	3290	rBV2	3560	3021	0.27%	0.023%
74	23.033	3325	3327	3331	rBV5	3632	4671	0.42%	0.036%
75	23.232	3359	3361	3366	rBV6	3583	5341	0.48%	0.041%
76	23.497	3404	3406	3407	rBV2	3881	2797	0.25%	0.021%

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77	23.544	3413	3414	3416	rBV2	5257	4554	0.41%	0.035%
78	23.808	3451	3459	3468	rVB	150050	314511	28.55%	2.409%
79	24.231	3528	3531	3533	rBV3	7109	9114	0.83%	0.070%
80	24.302	3541	3543	3545	rBV4	5330	4705	0.43%	0.036%
81	24.454	3567	3569	3570	rBV2	3656	3332	0.30%	0.026%
82	24.807	3628	3629	3632	rVB3	4408	3157	0.29%	0.024%
83	25.230	3690	3701	3712	rVB2	346734	1050327	95.33%	8.046%
84	25.371	3724	3725	3728	rBV3	4548	5501	0.50%	0.042%
85	25.471	3730	3742	3753	rVV2	250457	794320	72.09%	6.085%
86	25.611	3764	3766	3770	rBV4	3990	4406	0.40%	0.034%
87	26.528	3920	3922	3925	rBV3	2923	3020	0.27%	0.023%
88	26.763	3960	3962	3964	rBV3	4296	4877	0.44%	0.037%
89	26.786	3964	3966	3967	rVV2	4247	2924	0.27%	0.022%
90	27.010	4002	4004	4008	rBV5	4213	5899	0.54%	0.045%
91	28.314	4224	4226	4227	rBV2	6017	4347	0.39%	0.033%
92	29.072	4353	4355	4358	rBV4	3466	4364	0.40%	0.033%
93	29.418	4412	4414	4415	rBV2	4029	3213	0.29%	0.025%
94	29.524	4430	4432	4434	rBV3	3972	2974	0.27%	0.023%
95	29.800	4476	4479	4480	rBV3	2925	3697	0.34%	0.028%
96	30.117	4529	4533	4534	rBV4	6535	6403	0.58%	0.049%
97	31.045	4689	4691	4694	rVB4	3718	3498	0.32%	0.027%
98	31.075	4694	4696	4699	rBV4	5034	6343	0.58%	0.049%
99	31.116	4701	4703	4704	rBV2	3967	3005	0.27%	0.023%
100	31.321	4736	4738	4740	rBV3	3736	3783	0.34%	0.029%

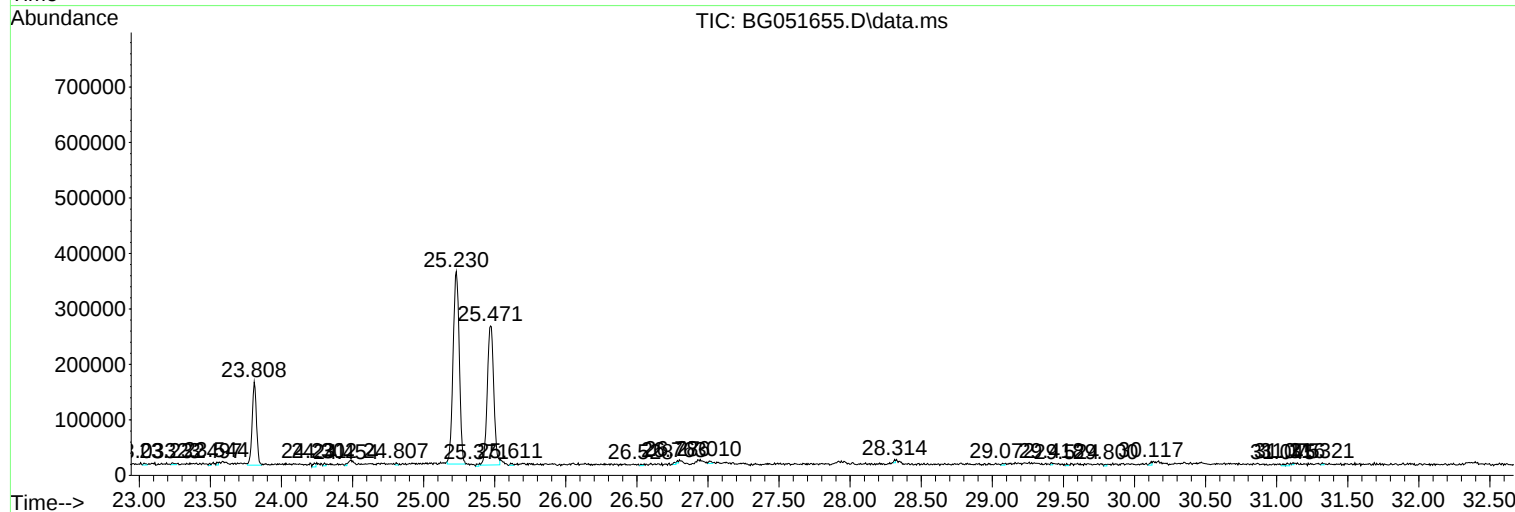
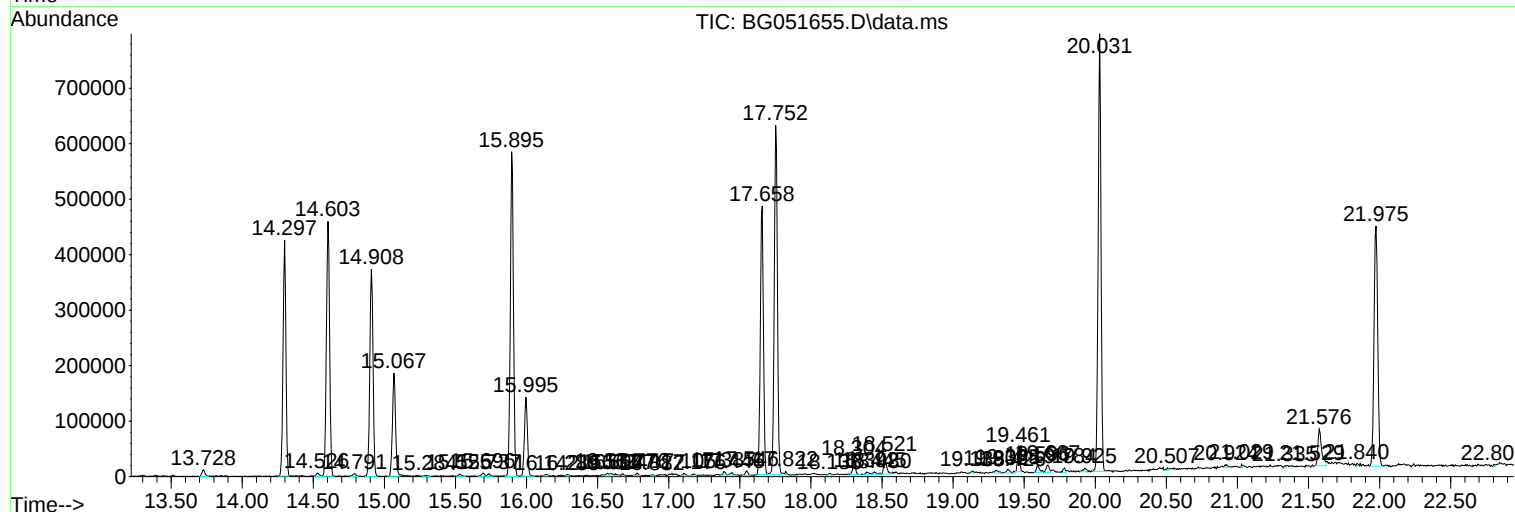
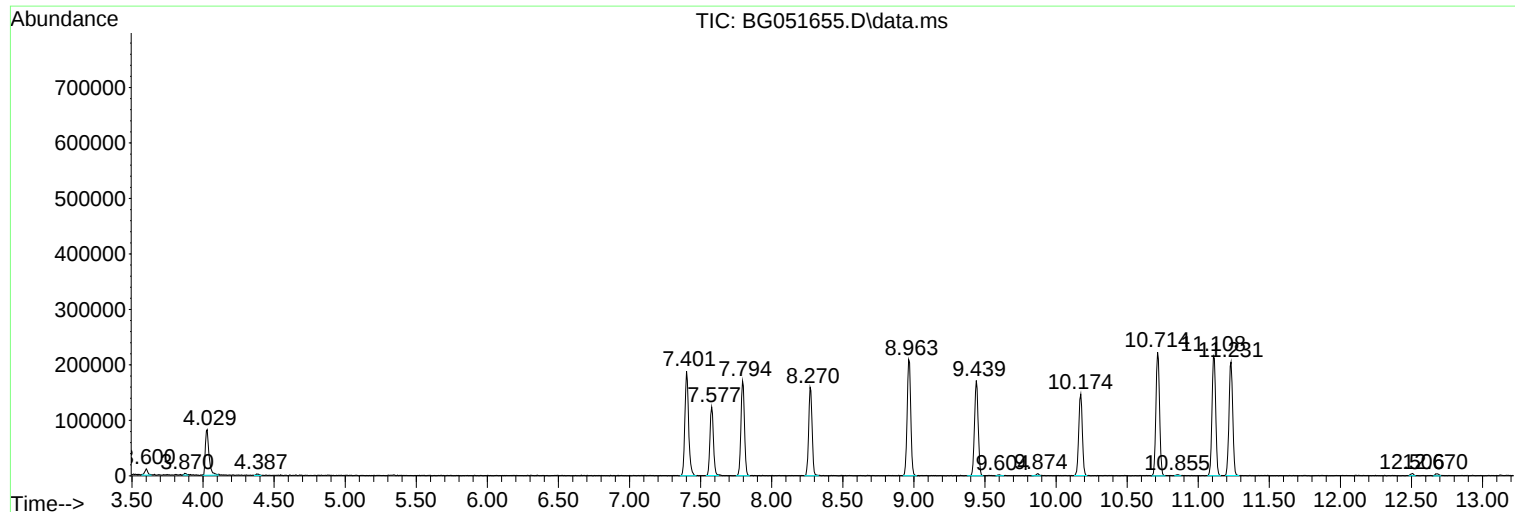
Sum of corrected areas: 13054321

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



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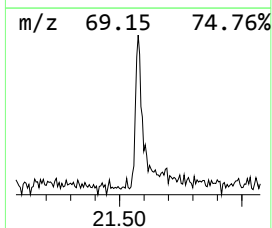
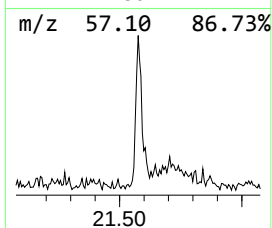
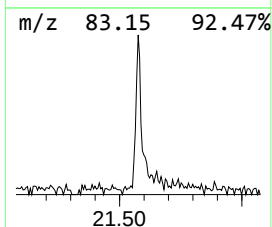
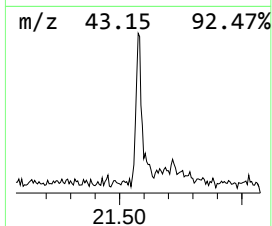
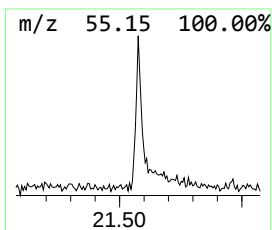
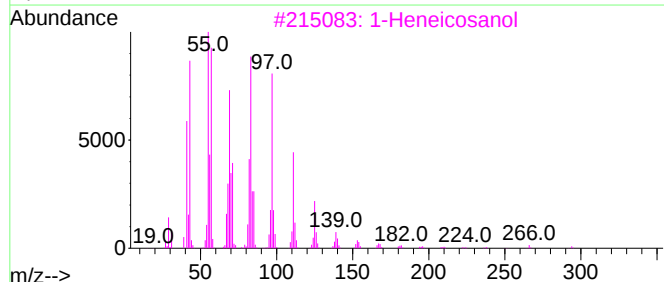
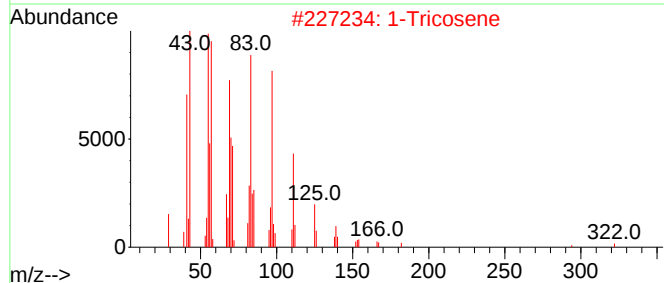
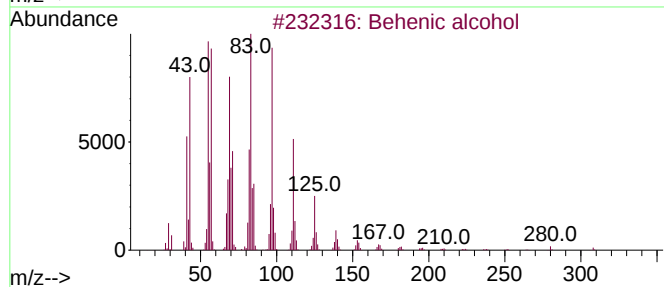
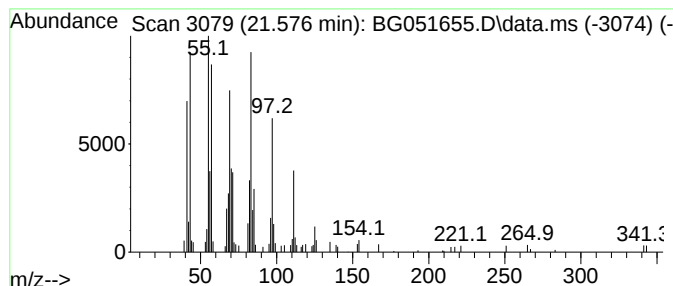
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.576	3.04 ng/ul	118498	Chrysene-d12	21.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			1-Tricosene	322	C23H46	018835-32-0	91
3			1-Heneicosanol	312	C21H44O	015594-90-8	90
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5			1-Octadecanol	270	C18H38O	000112-92-5	83



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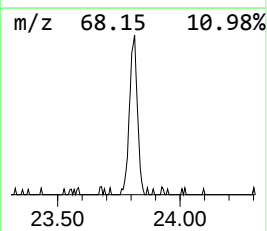
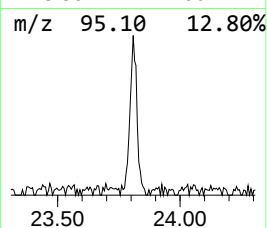
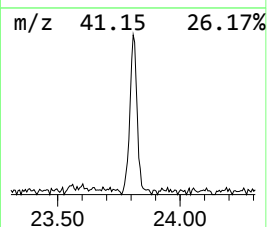
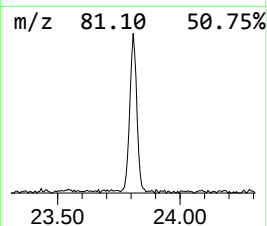
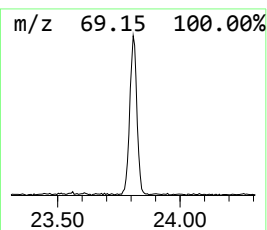
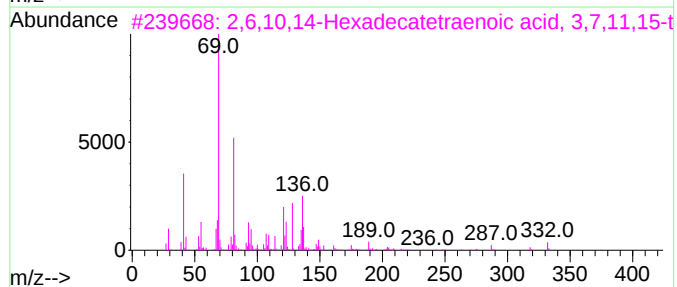
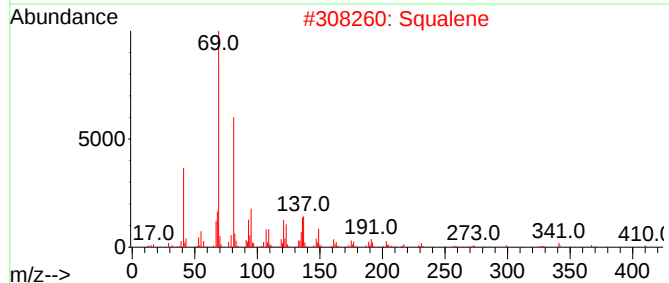
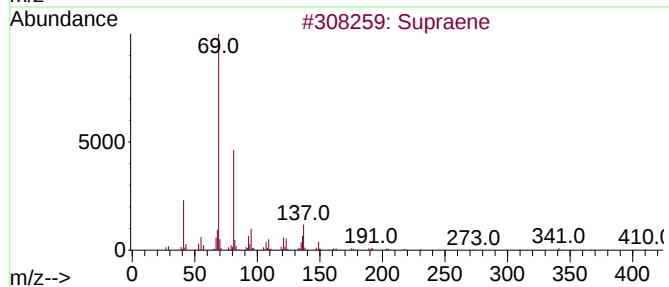
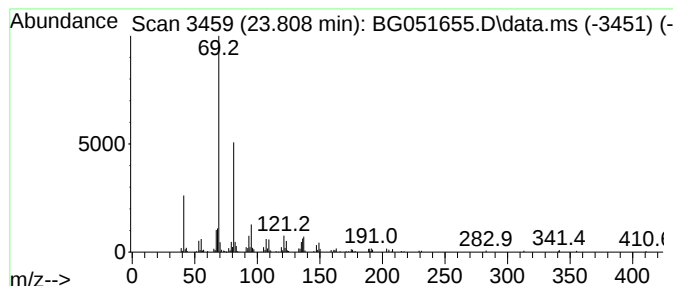
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.808	7.92 ng/ul	314511	Perylene-d12	25.471

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	93
2			Squalene	410	C30H50	000111-02-4	80
3			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5			Supraene	410	C30H50	007683-64-9	60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Behenic alcohol	21.576	3.0	ng/ul	118498	5	21.975	778685	20.0
Supraene	23.808	7.9	ng/ul	314511	6	25.471	794320	20.0