

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022831.D
 Acq On : 3 Jul 2016 15:52
 Operator : UM/SJ
 Sample : H3844-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHZ2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : 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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.625	132	134	136	rBV3	11924	10472	0.26%	0.024%
2	3.825	165	168	171	rBV4	13317	21716	0.53%	0.049%
3	3.901	177	181	183	rBV4	9065	14274	0.35%	0.032%
4	4.277	242	245	247	rBV4	7812	8391	0.21%	0.019%
5	4.301	247	249	253	rVB5	13445	17689	0.43%	0.040%
6	4.407	265	267	270	rBV3	8420	10581	0.26%	0.024%
7	4.777	329	330	334	rVV4	8243	10195	0.25%	0.023%
8	4.836	338	340	342	rVB2	7700	6951	0.17%	0.016%
9	5.065	378	379	382	rBV2	5917	6129	0.15%	0.014%
10	5.388	431	434	437	rVB4	7900	7333	0.18%	0.017%
11	5.611	471	472	475	rBV2	5852	6057	0.15%	0.014%
12	5.805	502	505	508	rBV4	5273	7577	0.19%	0.017%
13	5.946	527	529	531	rBV3	7921	6192	0.15%	0.014%
14	6.064	548	549	552	rBV2	7537	6333	0.16%	0.014%
15	7.015	707	711	712	rVB3	6772	7445	0.18%	0.017%
16	7.115	727	728	735	rVB6	7848	13466	0.33%	0.030%
17	7.262	751	753	754	rBV2	10562	8098	0.20%	0.018%
18	7.303	754	760	772	rVV2	470659	850302	20.84%	1.913%
19	7.474	781	789	798	rBV2	342784	600042	14.70%	1.350%
20	7.574	804	806	808	rVB3	7319	6475	0.16%	0.015%
21	7.685	818	825	832	rBV	433360	773908	18.96%	1.741%
22	7.744	832	835	836	rVB3	6076	6137	0.15%	0.014%
23	7.820	845	848	849	rBV3	5514	6238	0.15%	0.014%
24	7.938	858	868	869	rBV7	8613	17232	0.42%	0.039%
25	8.155	897	905	918	rBV	411379	771752	18.91%	1.737%
26	8.379	940	943	944	rBV3	10360	10640	0.26%	0.024%
27	8.520	963	967	971	rVB8	6008	10124	0.25%	0.023%
28	8.860	1017	1025	1033	rBV	580868	1053669	25.82%	2.371%
29	9.154	1073	1075	1079	rVB2	6013	7458	0.18%	0.017%
30	9.324	1097	1104	1114	rBV	465564	838553	20.55%	1.887%
31	9.712	1166	1170	1174	rBV6	8501	11869	0.29%	0.027%
32	10.053	1217	1228	1237	rBV2	433911	794084	19.46%	1.787%
33	10.153	1242	1245	1249	rVV5	7713	9864	0.24%	0.022%
34	10.182	1249	1250	1253	rVB3	9039	6591	0.16%	0.015%

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35	10.206	1253	1254	1256	rBV	8036	6223	0.15%	0.014%
36	10.294	1266	1269	1271	rVB2	6348	6055	0.15%	0.014%
37	10.329	1271	1275	1276	rBV3	6131	6280	0.15%	0.014%
38	10.594	1312	1320	1329	rBV	628511	1157794	28.37%	2.605%
39	10.740	1342	1345	1348	rBV4	10116	9206	0.23%	0.021%
40	10.923	1373	1376	1379	rBV5	8259	10545	0.26%	0.024%
41	10.981	1379	1386	1395	rVB	657006	1201884	29.45%	2.704%
42	11.052	1395	1398	1400	rBV4	8734	9327	0.23%	0.021%
43	11.116	1400	1409	1417	rBV	572337	1077988	26.42%	2.426%
44	11.316	1439	1443	1446	rBV6	6353	8634	0.21%	0.019%
45	11.381	1450	1454	1457	rVB3	7699	8484	0.21%	0.019%
46	11.681	1500	1505	1509	rBV6	7647	13271	0.33%	0.030%
47	11.745	1512	1516	1517	rBV2	5861	8299	0.20%	0.019%
48	11.792	1520	1524	1529	rBV5	6839	12185	0.30%	0.027%
49	12.203	1593	1594	1598	rBV4	7589	8089	0.20%	0.018%
50	12.427	1629	1632	1633	rBV3	5996	6025	0.15%	0.014%
51	12.538	1648	1651	1652	rBV3	7158	7720	0.19%	0.017%
52	12.562	1652	1655	1659	rVB5	18126	22364	0.55%	0.050%
53	12.767	1687	1690	1692	rVB3	6337	7053	0.17%	0.016%
54	12.832	1698	1701	1705	rBV6	5420	6011	0.15%	0.014%
55	13.149	1750	1755	1759	rBV5	13100	21345	0.52%	0.048%
56	13.273	1774	1776	1779	rBV4	7579	6115	0.15%	0.014%
57	13.302	1779	1781	1783	rBV3	7884	8156	0.20%	0.018%
58	13.390	1791	1796	1802	rBV4	22608	34616	0.85%	0.078%
59	13.502	1813	1815	1817	rBV3	6019	6751	0.17%	0.015%
60	13.608	1832	1833	1837	rVB4	8383	6467	0.16%	0.015%
61	13.672	1840	1844	1849	rVB7	14599	25985	0.64%	0.058%
62	14.113	1917	1919	1924	rVB5	7885	11112	0.27%	0.025%
63	14.189	1924	1932	1937	rBV	1397800	2084312	51.07%	4.690%
64	14.236	1937	1940	1948	rVB	192096	281323	6.89%	0.633%
65	14.301	1948	1951	1954	rBV4	8262	12282	0.30%	0.028%
66	14.377	1963	1964	1965	rVB	20667	7285	0.18%	0.016%
67	14.419	1968	1971	1974	rBV5	7393	8965	0.22%	0.020%
68	14.489	1976	1983	1990	rBV	1355230	2170859	53.20%	4.885%
69	14.624	2002	2006	2011	rBV7	8528	15836	0.39%	0.036%
70	14.665	2011	2013	2016	rVB4	9487	9796	0.24%	0.022%
71	14.718	2018	2022	2023	rVB3	6999	8089	0.20%	0.018%

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72	14.795	2027	2035	2043	rBV2	1226980	2078035	50.92%	4.676%
73	14.983	2061	2067	2079	rBV	598276	1102310	27.01%	2.480%
74	15.135	2090	2093	2095	rBV4	7489	10321	0.25%	0.023%
75	15.270	2114	2116	2118	rBV2	6675	6260	0.15%	0.014%
76	15.482	2150	2152	2154	rBV3	9757	6478	0.16%	0.015%
77	15.570	2164	2167	2172	rBV4	19156	32471	0.80%	0.073%
78	15.787	2197	2204	2213	rVB	1952465	3080683	75.49%	6.932%
79	15.899	2217	2223	2232	rBV	698526	1049879	25.73%	2.362%
80	16.028	2238	2245	2251	rBV5	46197	89720	2.20%	0.202%
81	16.346	2297	2299	2300	rBV2	9440	6713	0.16%	0.015%
82	16.481	2319	2322	2325	rBV5	23798	36833	0.90%	0.083%
83	16.616	2341	2345	2349	rVB4	20310	32263	0.79%	0.073%
84	16.669	2349	2354	2359	rBV8	33239	63202	1.55%	0.142%
85	16.733	2362	2365	2368	rBV4	32963	38813	0.95%	0.087%
86	16.998	2407	2410	2413	rVB4	23640	27201	0.67%	0.061%
87	17.274	2453	2457	2462	rBV2	77739	115289	2.83%	0.259%
88	17.550	2497	2504	2514	rBV2	1814169	2873903	70.42%	6.467%
89	17.650	2515	2521	2528	rVB	2162665	3350542	82.10%	7.539%
90	17.820	2546	2550	2552	rBV4	26231	34157	0.84%	0.077%
91	18.014	2580	2583	2590	rVB2	84249	125145	3.07%	0.282%
92	18.414	2647	2651	2657	rBV	229358	293531	7.19%	0.660%
93	19.683	2864	2867	2872	rBV6	53939	71123	1.74%	0.160%
94	19.930	2903	2909	2919	rBV	2806859	4080921	100.00%	9.183%
95	21.451	3166	3168	3172	rBV5	70416	91763	2.25%	0.206%
96	21.710	3208	3212	3218	rVB	375417	530577	13.00%	1.194%
97	21.851	3229	3236	3243	rBV2	1888503	3375107	82.70%	7.595%
98	23.578	3526	3530	3538	rVB2	179766	344660	8.45%	0.776%
99	24.983	3760	3769	3788	rVB3	1348298	3904374	95.67%	8.786%
100	25.218	3800	3809	3823	rVB2	1150845	3331921	81.65%	7.497%

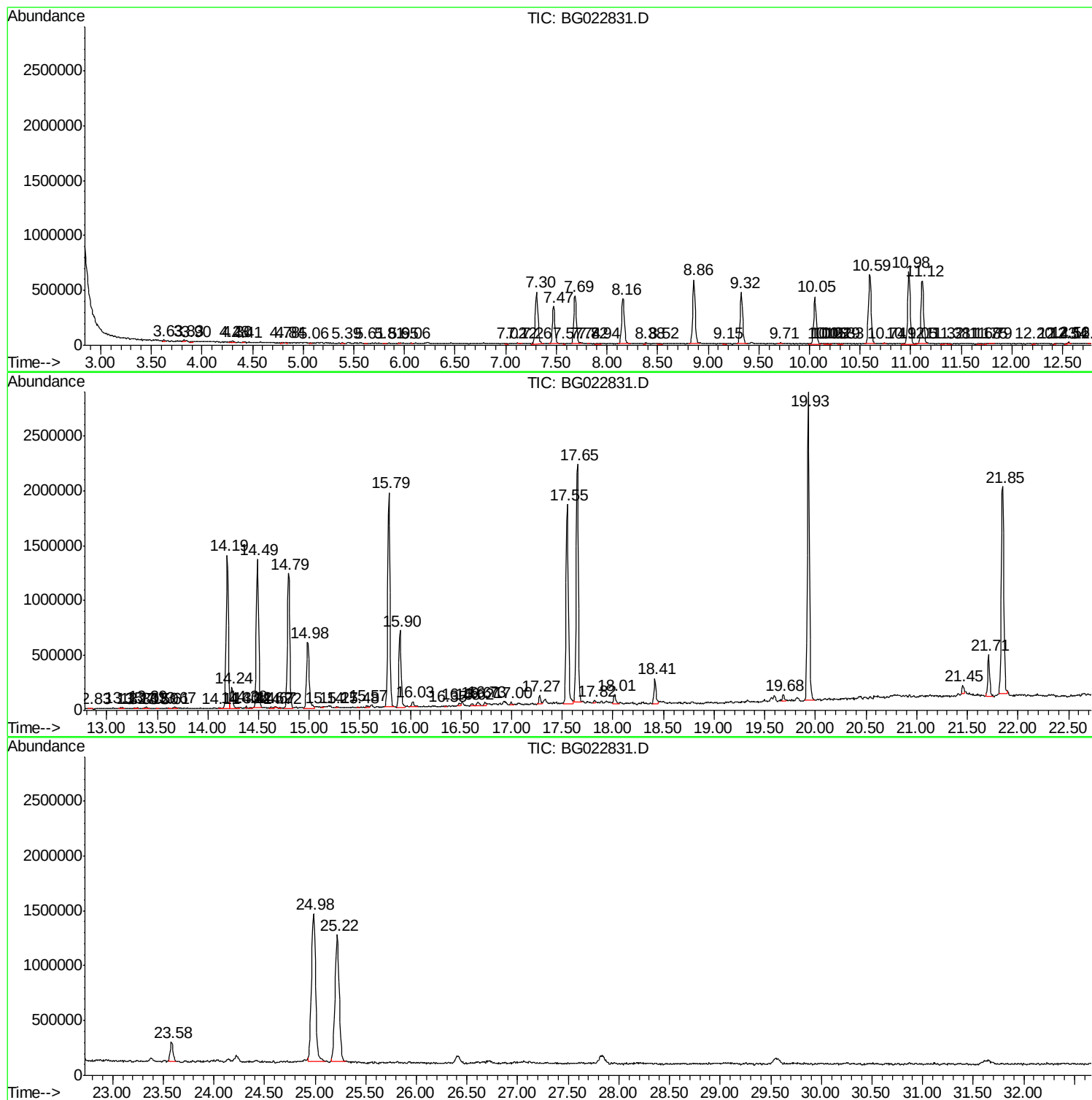
Sum of corrected areas: 44440763

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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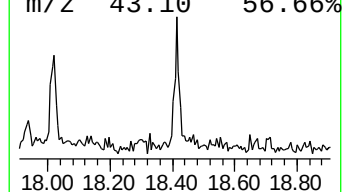
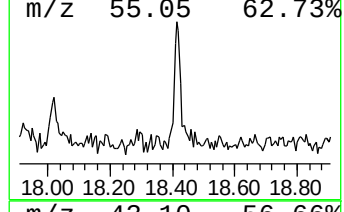
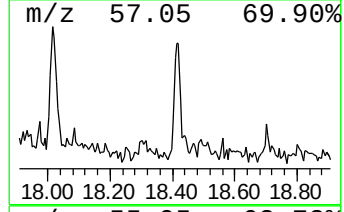
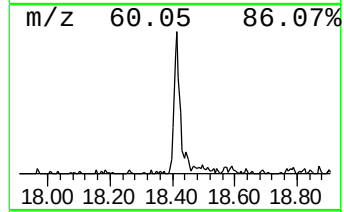
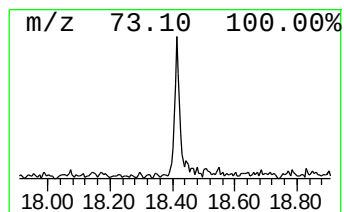
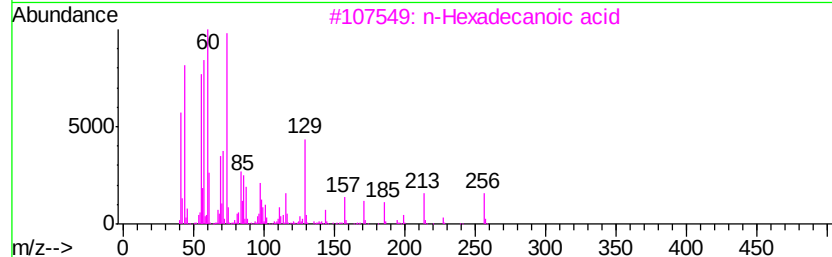
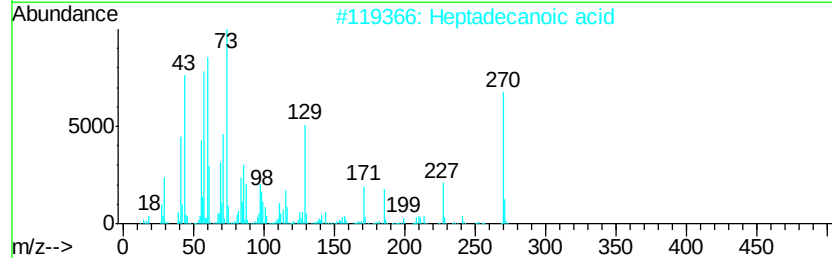
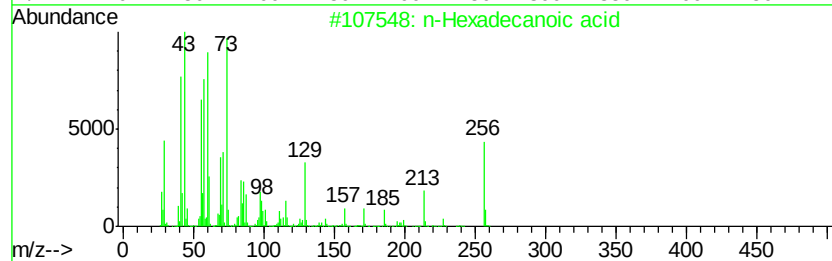
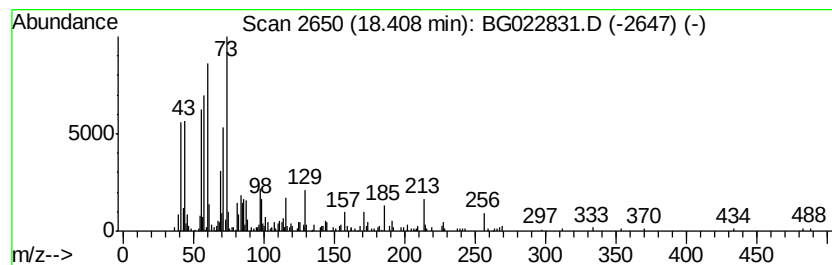
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.41	2.04 ng/ul	293531	Phenanthrene-d10	17.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59



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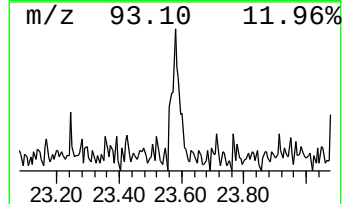
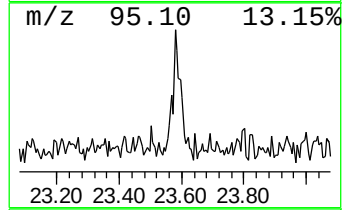
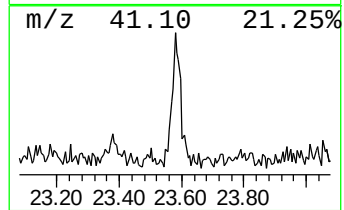
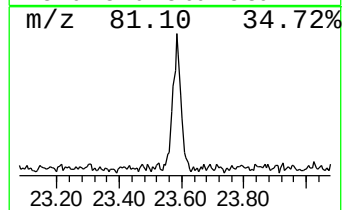
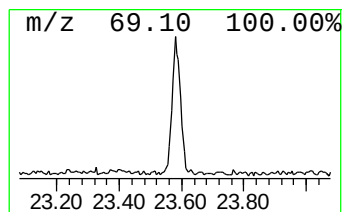
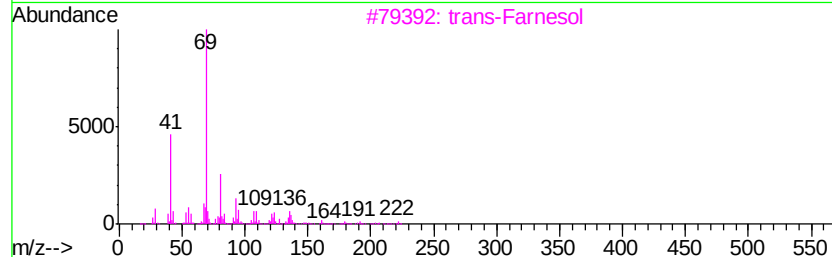
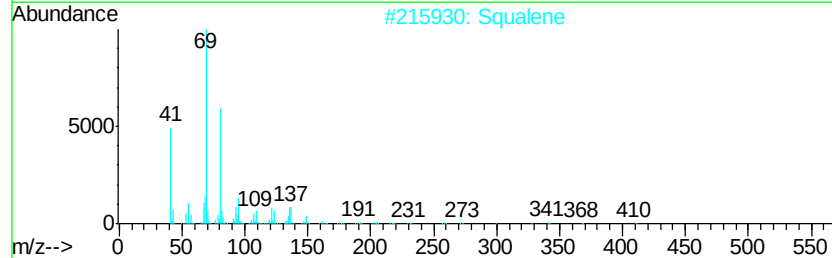
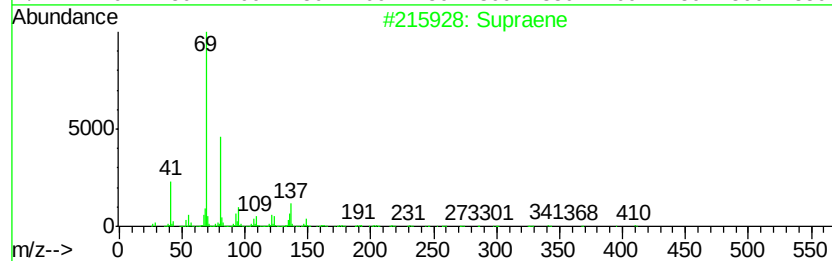
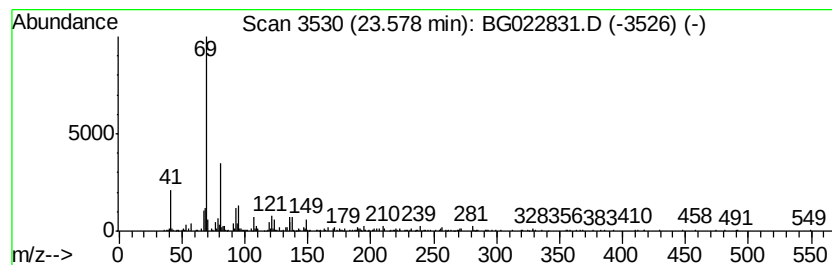
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	2.07 ng/ul	344660	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	72
3		trans-Farnesol	222	C15H26O	000106-28-5	64
4		Farnesol isomer a	222	C15H26O	1000108-92-4	64
5		Squalene	410	C30H50	000111-02-4	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	2.0	ng/ul	293531	4	17.55	2873900	20.0
Supraene	23.58	2.1	ng/ul	344660	6	25.22	3331920	20.0