

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023469.D
 Acq On : 5 Aug 2016 2:27
 Operator : UM/SJ
 Sample : H4208-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJK2

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-BG080416.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	5.188	397	400	401	rBV2	8577	9350	0.28%	0.025%
2	5.305	418	420	423	rBV4	6130	7307	0.22%	0.020%
3	5.687	483	485	489	rBV4	5675	8315	0.25%	0.022%
4	5.769	498	499	503	rBV3	6622	6839	0.21%	0.018%
5	5.975	532	534	540	rBV5	5648	8116	0.24%	0.022%
6	6.081	547	552	553	rBV4	7380	8356	0.25%	0.022%
7	6.410	606	608	611	rVB3	6434	6350	0.19%	0.017%
8	6.903	689	692	698	rBV4	8954	15025	0.45%	0.040%
9	6.956	698	701	702	rBV3	6492	6036	0.18%	0.016%
10	7.085	719	723	726	rBV6	8860	8048	0.24%	0.022%
11	7.273	748	755	766	rBV	310867	608786	18.34%	1.630%
12	7.361	768	770	773	rVB3	8515	8119	0.24%	0.022%
13	7.432	775	782	791	rVV	272214	445659	13.43%	1.193%
14	7.643	812	818	827	rVB	316188	549319	16.55%	1.471%
15	8.119	888	899	905	rVV	378984	658916	19.85%	1.764%
16	8.166	905	907	911	rVV5	12659	14854	0.45%	0.040%
17	8.236	913	919	920	rBV4	11135	11056	0.33%	0.030%
18	8.336	932	936	943	rVB5	14077	28664	0.86%	0.077%
19	8.636	985	987	988	rBV	6855	6005	0.18%	0.016%
20	8.648	988	989	994	rVV5	12246	14934	0.45%	0.040%
21	8.689	994	996	1000	rVB4	9027	8496	0.26%	0.023%
22	8.765	1006	1009	1011	rBV4	6158	7199	0.22%	0.019%
23	8.830	1014	1020	1029	rVV	399672	714969	21.54%	1.914%
24	8.953	1036	1041	1044	rBV5	10161	17858	0.54%	0.048%
25	9.223	1083	1087	1090	rBV5	7543	10741	0.32%	0.029%
26	9.294	1093	1099	1113	rVB	325707	597296	18.00%	1.599%
27	9.411	1115	1119	1122	rBV4	10246	16021	0.48%	0.043%
28	9.482	1129	1131	1134	rBV4	6915	8323	0.25%	0.022%
29	9.564	1143	1145	1151	rVB6	5540	10243	0.31%	0.027%
30	9.682	1162	1165	1170	rVB4	13689	19198	0.58%	0.051%
31	10.022	1215	1223	1233	rBV2	286065	525262	15.83%	1.406%
32	10.398	1285	1287	1290	rVB3	8566	8323	0.25%	0.022%
33	10.510	1302	1306	1308	rVB5	5297	6488	0.20%	0.017%
34	10.574	1308	1317	1325	rBV2	387761	791006	23.83%	2.118%

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35	10.950	1373	1381	1388	rBV	646692	1130737	34.07%	3.027%
36	11.086	1396	1404	1415	rBV	406546	781140	23.53%	2.091%
37	11.162	1415	1417	1419	rVB3	9320	6975	0.21%	0.019%
38	11.432	1462	1463	1467	rVB3	6527	6984	0.21%	0.019%
39	11.638	1496	1498	1501	rVV4	5900	8707	0.26%	0.023%
40	11.697	1504	1508	1510	rVB5	5257	7336	0.22%	0.020%
41	11.843	1529	1533	1534	rBV4	5796	6434	0.19%	0.017%
42	11.949	1547	1551	1552	rBV4	4232	6025	0.18%	0.016%
43	12.284	1605	1608	1612	rVB5	5896	8297	0.25%	0.022%
44	12.460	1635	1638	1641	rBV4	8448	10197	0.31%	0.027%
45	12.537	1643	1651	1658	rVB4	12967	31882	0.96%	0.085%
46	12.754	1684	1688	1690	rBV5	7624	10849	0.33%	0.029%
47	12.813	1694	1698	1699	rBV4	7802	9133	0.28%	0.024%
48	12.971	1720	1725	1726	rBV5	8683	12239	0.37%	0.033%
49	13.053	1734	1739	1741	rBV6	8330	10650	0.32%	0.029%
50	13.136	1747	1753	1755	rBV6	10697	11246	0.34%	0.030%
51	13.288	1775	1779	1785	rBV6	15745	29028	0.87%	0.078%
52	13.365	1789	1792	1795	rBV4	12033	14202	0.43%	0.038%
53	13.453	1804	1807	1810	rBV5	9018	12515	0.38%	0.034%
54	13.482	1810	1812	1815	rBV3	8770	9211	0.28%	0.025%
55	13.512	1815	1817	1820	rBV4	7189	6197	0.19%	0.017%
56	13.559	1820	1825	1826	rBV5	9457	15963	0.48%	0.043%
57	13.653	1834	1841	1845	rBV5	32558	55197	1.66%	0.148%
58	13.858	1874	1876	1879	rBV4	5943	6310	0.19%	0.017%
59	13.905	1881	1884	1885	rBV3	6228	6104	0.18%	0.016%
60	13.923	1885	1887	1892	rVV5	6380	9130	0.28%	0.024%
61	13.970	1892	1895	1896	rVV3	6624	6663	0.20%	0.018%
62	13.988	1896	1898	1900	rVB3	6860	6141	0.19%	0.016%
63	14.046	1906	1908	1910	rVB3	6660	6721	0.20%	0.018%
64	14.099	1910	1917	1919	rBV8	12188	24342	0.73%	0.065%
65	14.176	1923	1930	1934	rVV	1016908	1494702	45.03%	4.002%
66	14.222	1934	1938	1944	rVB	687174	1008675	30.39%	2.701%
67	14.422	1970	1972	1973	rVV2	8322	6836	0.21%	0.018%
68	14.475	1974	1981	1990	rVV	1063383	1700929	51.25%	4.554%
69	14.598	2000	2002	2008	rVB7	16461	25408	0.77%	0.068%
70	14.657	2008	2012	2015	rBV6	8678	12650	0.38%	0.034%
71	14.722	2018	2023	2026	rBV7	8983	18901	0.57%	0.051%

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72	14.781	2026	2033	2040	rBV2	1194445	1952269	58.82%	5.227%
73	14.998	2064	2070	2082	rBV2	273136	599343	18.06%	1.605%
74	15.151	2093	2096	2099	rVB5	13356	17141	0.52%	0.046%
75	15.274	2110	2117	2118	rBV6	14505	25156	0.76%	0.067%
76	15.562	2162	2166	2170	rBV3	25655	32310	0.97%	0.087%
77	15.603	2170	2173	2178	rVB4	36713	49974	1.51%	0.134%
78	15.644	2178	2180	2181	rBV2	9366	7987	0.24%	0.021%
79	15.773	2196	2202	2216	rVB	1598673	2452286	73.88%	6.566%
80	15.897	2217	2223	2231	rBV2	357750	567875	17.11%	1.520%
81	16.014	2238	2243	2247	rVB4	62483	94985	2.86%	0.254%
82	16.490	2317	2324	2330	rBV4	90609	219000	6.60%	0.586%
83	16.602	2340	2343	2348	rBV5	31223	50995	1.54%	0.137%
84	16.913	2392	2396	2399	rBV6	32188	55023	1.66%	0.147%
85	17.265	2453	2456	2461	rBV3	54356	69813	2.10%	0.187%
86	17.318	2461	2465	2471	rVV2	85542	127874	3.85%	0.342%
87	17.542	2497	2503	2509	rBV2	1755082	2642487	79.62%	7.075%
88	17.641	2514	2520	2526	rBV2	1760146	2709595	81.64%	7.255%
89	18.011	2579	2583	2587	rVB3	65843	83608	2.52%	0.224%
90	18.288	2627	2630	2641	rVB3	52862	97507	2.94%	0.261%
91	18.411	2647	2651	2657	rBV2	249888	369388	11.13%	0.989%
92	19.568	2844	2848	2849	rBV3	47518	63210	1.90%	0.169%
93	19.592	2850	2852	2857	rVB	108911	146379	4.41%	0.392%
94	19.680	2865	2867	2872	rVB5	64441	76335	2.30%	0.204%
95	19.932	2904	2910	2920	rBV	2210032	3319073	100.00%	8.887%
96	21.712	3209	3213	3223	rVB	412553	638524	19.24%	1.710%
97	21.859	3231	3238	3243	rBV	1671638	2892235	87.14%	7.744%
98	23.586	3527	3532	3539	rVB	287605	539948	16.27%	1.446%
99	25.002	3763	3773	3784	rBV2	956890	2760105	83.16%	7.390%
100	25.231	3803	3812	3824	rVB3	1006646	2982489	89.86%	7.985%

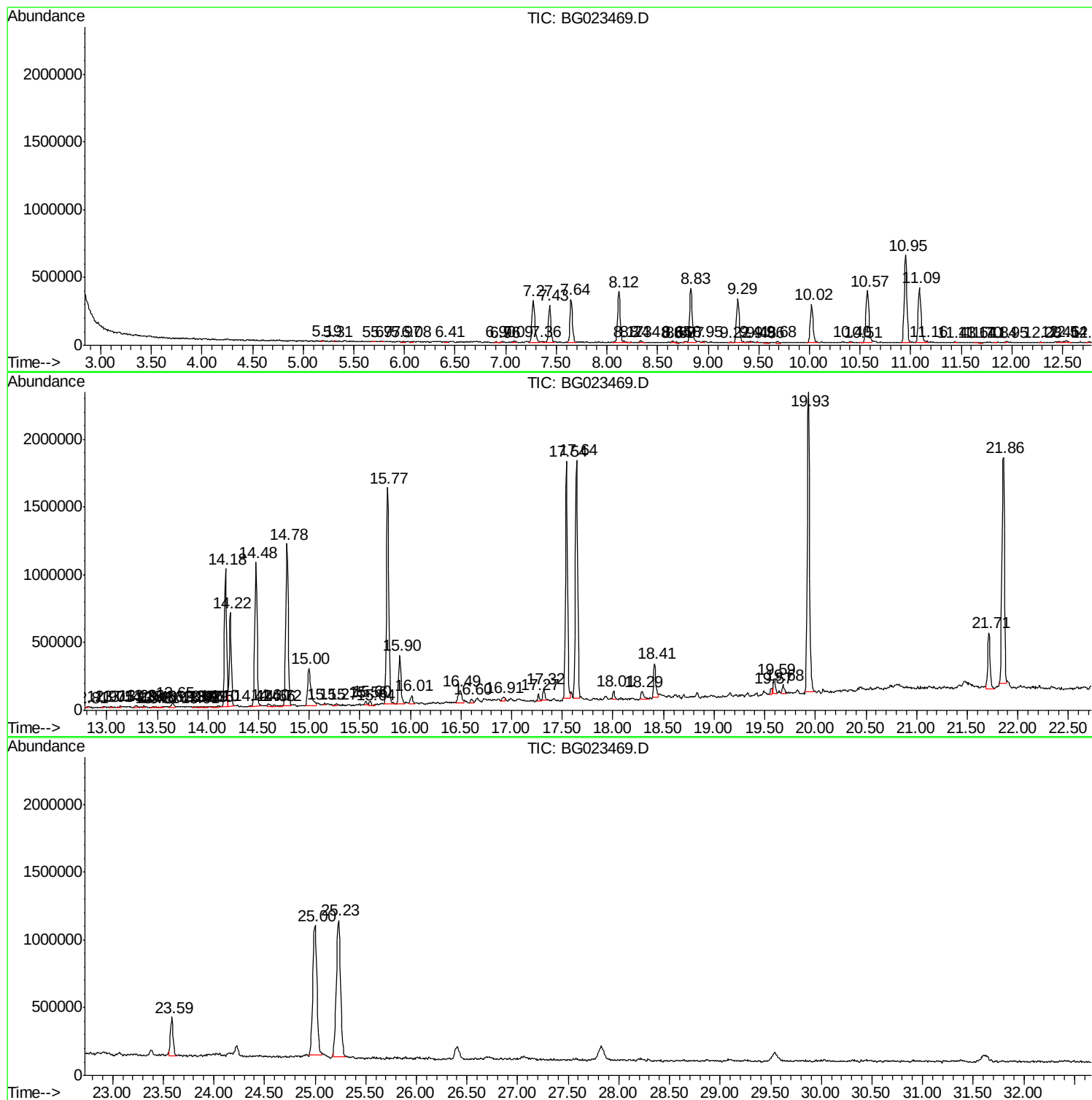
Sum of corrected areas: 37349047

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



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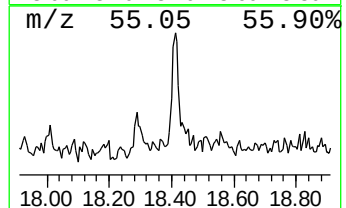
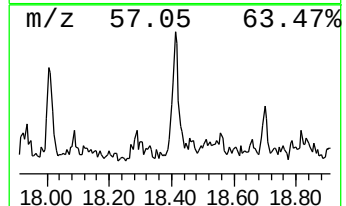
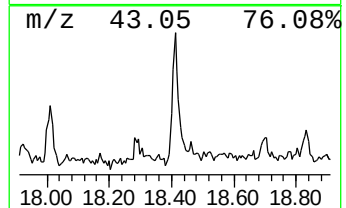
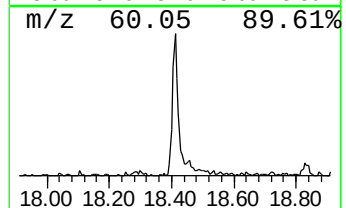
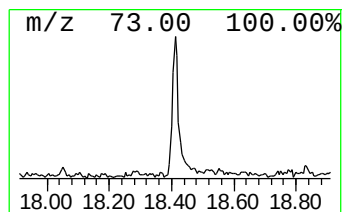
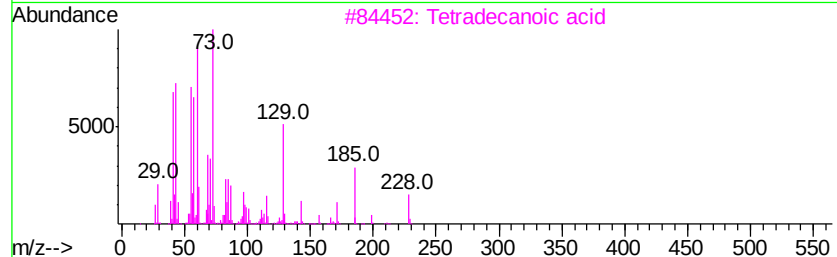
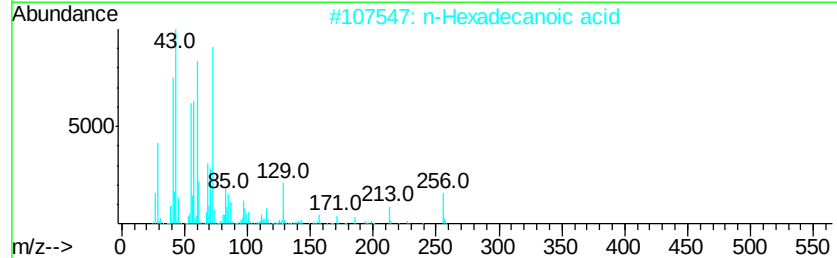
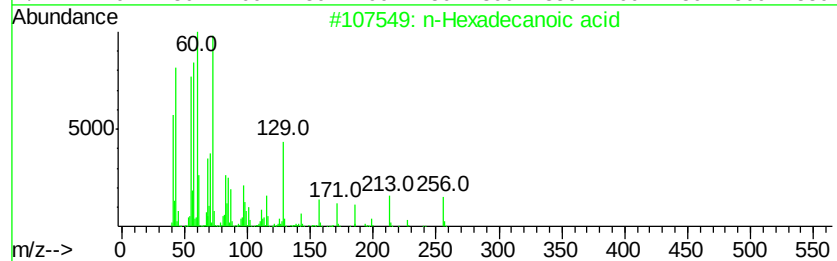
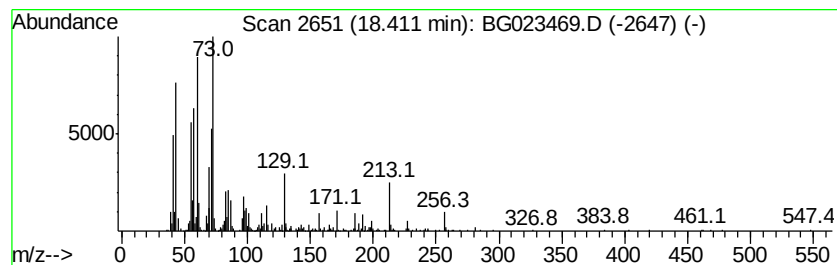
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.80 ng/ul	369388	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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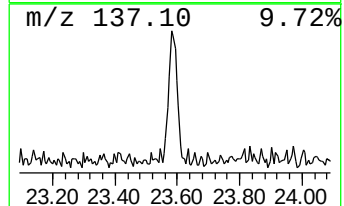
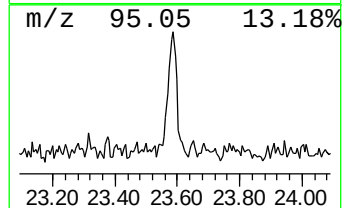
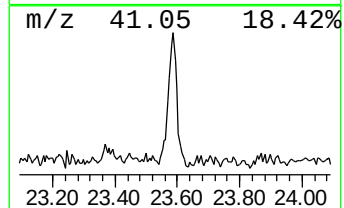
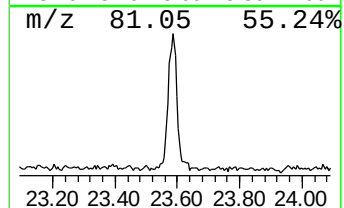
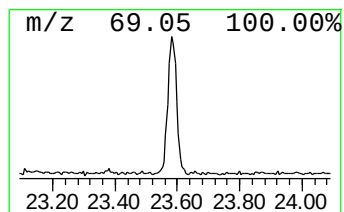
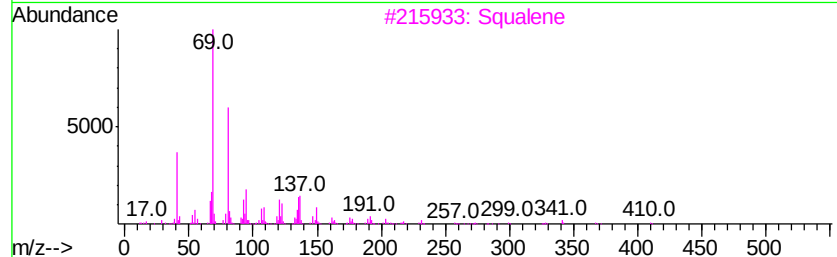
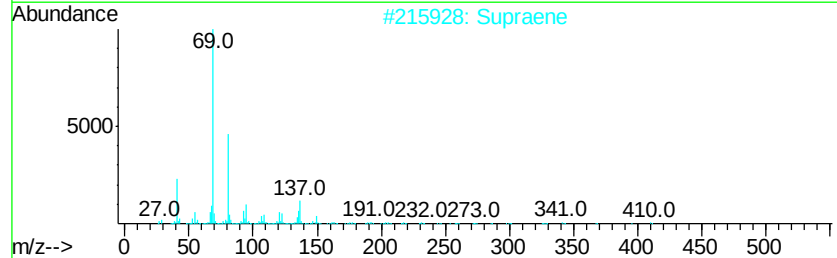
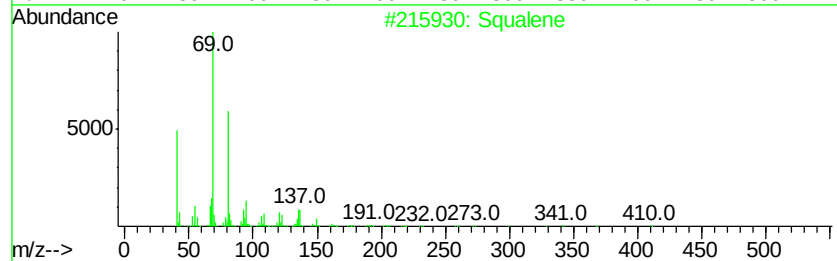
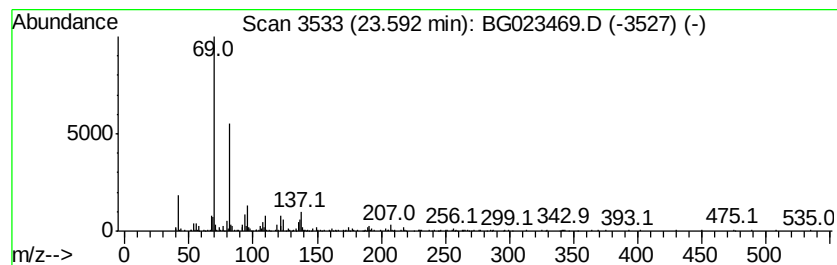
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Peak Number 2 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.62 ng/ul	539948	Perylene-d12	25.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 98
2	Supraene		410 C30H50	007683-64-9 97
3	Squalene		410 C30H50	000111-02-4 93
4	Squalene		410 C30H50	000111-02-4 93
5	4,8,12-Tetradecatrienal, 5,9,13-...		248 C17H28O	066408-55-7 80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	2.8	ng/ul	369388	4	17.54	2642490	20.0
Squalene	23.59	3.6	ng/ul	539948	6	25.23	2982490	20.0