

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
 Data File : BM005129.D
 Acq On : 29 Apr 2016 00:29
 Operator : UM/SJ
 Sample : H2639-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7J6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM02.2-EPA-BM042516.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	2.957	41	46	62	rVB	147108	277393	18.07%	1.705%
2	6.957	720	726	737	rBV	187591	296420	19.31%	1.821%
3	7.122	748	754	763	rBB	153834	234054	15.24%	1.438%
4	7.322	782	788	797	rBB	194436	299810	19.53%	1.842%
5	7.787	862	867	875	rBB	140526	221829	14.45%	1.363%
6	8.492	981	987	998	rBB	256556	404180	26.32%	2.484%
7	8.945	1058	1064	1072	rBV	186440	300045	19.54%	1.844%
8	9.663	1180	1186	1194	rBB	161369	258125	16.81%	1.586%
9	10.198	1271	1277	1289	rBB	253710	418293	27.24%	2.570%
10	10.575	1335	1341	1346	rBV	215444	374161	24.37%	2.299%
11	10.628	1346	1350	1358	rVB	178539	287413	18.72%	1.766%
12	10.716	1358	1365	1386	rBV	370767	645715	42.06%	3.968%
13	12.239	1618	1624	1631	rBB	71220	108596	7.07%	0.667%
14	12.463	1654	1662	1668	rBB	37780	55209	3.60%	0.339%
15	13.257	1792	1797	1802	rBB	15692	22717	1.48%	0.140%
16	13.745	1875	1880	1885	rBB2	9645	15489	1.01%	0.095%
17	13.839	1890	1896	1900	rVV	484304	683212	44.50%	4.198%
18	13.880	1900	1903	1911	rVB	136400	180622	11.76%	1.110%
19	14.121	1937	1944	1956	rBV	543141	832181	54.20%	5.114%
20	14.321	1974	1978	1982	rVB	17337	22870	1.49%	0.141%
21	14.427	1986	1996	2003	rBV2	351013	548002	35.69%	3.367%
22	14.492	2003	2007	2013	rVB	68464	94976	6.19%	0.584%
23	14.633	2026	2031	2042	rBV	205436	314263	20.47%	1.931%
24	14.827	2059	2064	2069	rBV	67656	97052	6.32%	0.596%
25	14.927	2076	2081	2087	rVB3	7656	16151	1.05%	0.099%
26	15.274	2136	2140	2146	rVB	34505	41123	2.68%	0.253%
27	15.421	2159	2165	2171	rBV	695646	1033611	67.32%	6.351%
28	15.480	2171	2175	2181	rVB2	68336	97256	6.33%	0.598%
29	15.545	2181	2186	2194	rBV	209568	282335	18.39%	1.735%
30	15.662	2199	2206	2213	rBV4	12585	34502	2.25%	0.212%
31	15.774	2221	2225	2229	rVB2	12123	16426	1.07%	0.101%
32	15.915	2247	2249	2256	rVB	8934	16036	1.04%	0.099%
33	16.133	2281	2286	2298	rBV	34496	60288	3.93%	0.370%
34	16.927	2414	2421	2425	rBV2	19730	27102	1.77%	0.167%

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35	16.992	2425	2432	2441	rVB2	14352	29300	1.91%	0.180%
36	17.174	2457	2463	2467	rBV2	467456	690147	44.95%	4.241%
37	17.215	2467	2470	2475	rVV	240445	329725	21.47%	2.026%
38	17.274	2475	2480	2489	rVB2	772170	1157039	75.36%	7.110%
39	17.580	2524	2532	2540	rBV	24778	35560	2.32%	0.219%
40	18.068	2607	2615	2618	rBV2	68376	108095	7.04%	0.664%
41	18.098	2618	2620	2625	rVB	21502	25488	1.66%	0.157%
42	18.251	2640	2646	2650	rBV2	22328	38303	2.49%	0.235%
43	19.233	2803	2813	2821	rBV	132032	185757	12.10%	1.141%
44	19.345	2826	2832	2838	rBV2	14877	24328	1.58%	0.149%
45	19.574	2864	2871	2884	rVB	1019570	1535400	100.00%	9.435%
46	20.098	2954	2960	2966	rVB2	18657	34701	2.26%	0.213%
47	20.197	2972	2977	2981	rBV	13353	16563	1.08%	0.102%
48	21.062	3119	3124	3135	rBV2	147280	211342	13.76%	1.299%
49	21.362	3168	3175	3180	rBV	673065	890304	57.99%	5.471%
50	21.397	3180	3181	3188	rVB	21107	18475	1.20%	0.114%
51	22.409	3349	3353	3359	rBV2	14475	22402	1.46%	0.138%
52	22.544	3371	3376	3382	rVB	175808	236441	15.40%	1.453%
53	22.921	3437	3440	3444	rBV	15818	24510	1.60%	0.151%
54	23.497	3531	3538	3550	rVB2	601521	1194774	77.82%	7.342%
55	23.644	3555	3563	3576	rVB2	357327	695676	45.31%	4.275%
56	24.156	3645	3650	3657	rVB	25251	47593	3.10%	0.292%
57	24.250	3661	3666	3676	rVB5	12300	30128	1.96%	0.185%
58	24.915	3774	3779	3787	rVB	20677	41898	2.73%	0.257%
59	25.803	3924	3930	3936	rVB3	15075	32620	2.12%	0.200%

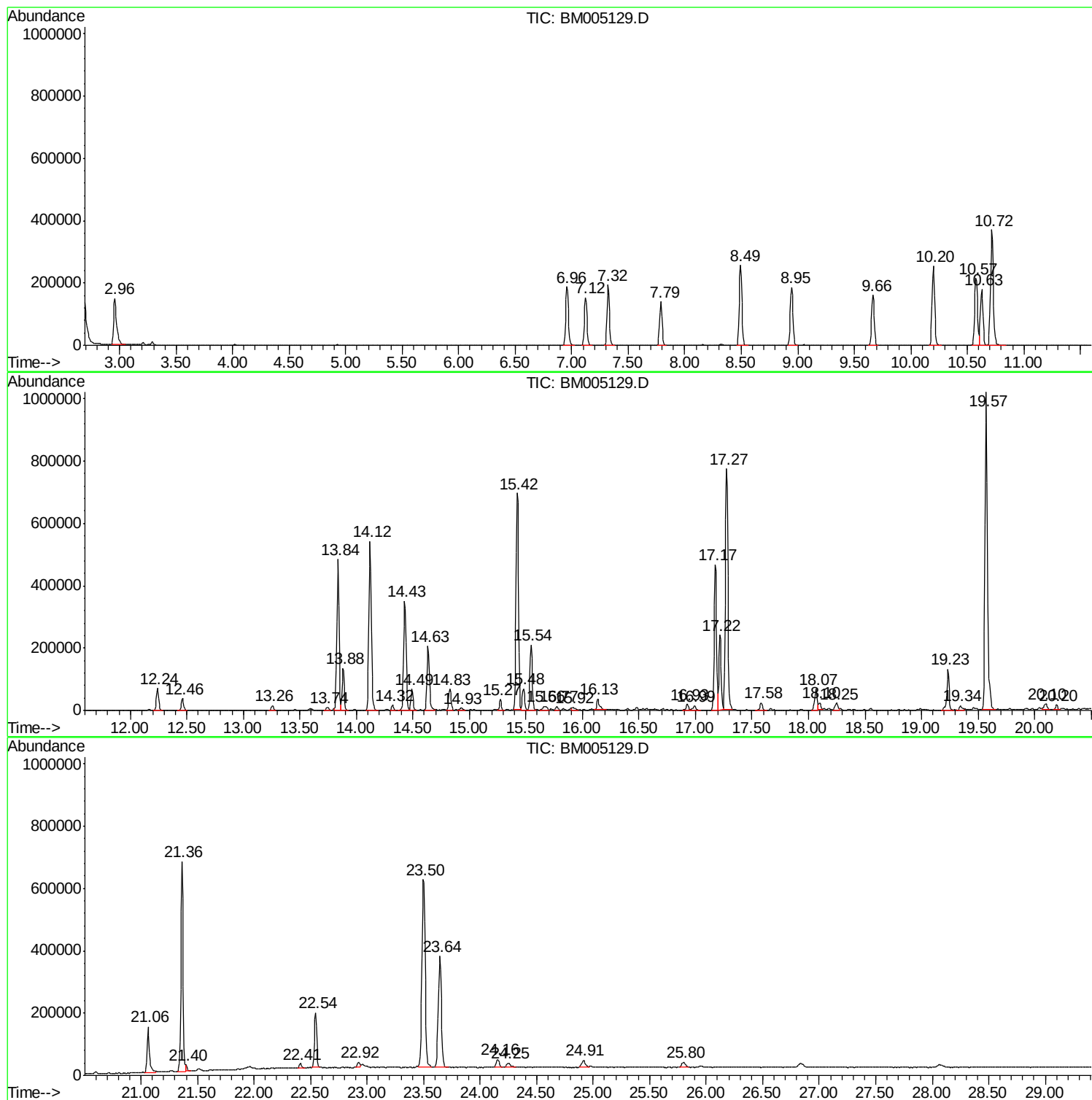
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TIC Library : C:\DATABASE\NIST02.L
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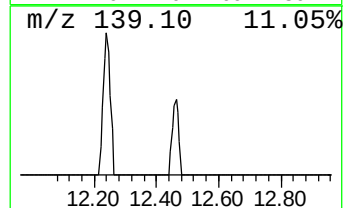
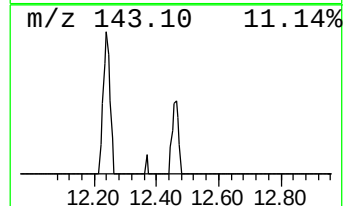
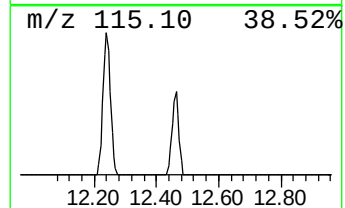
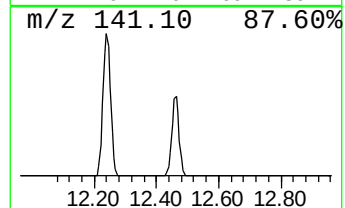
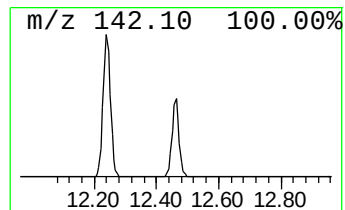
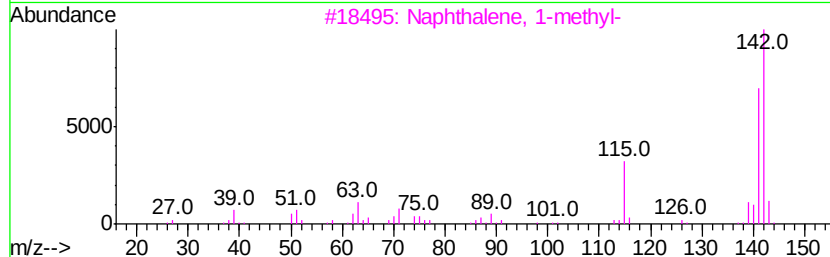
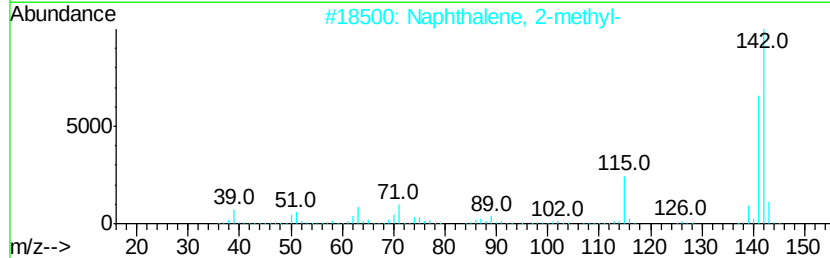
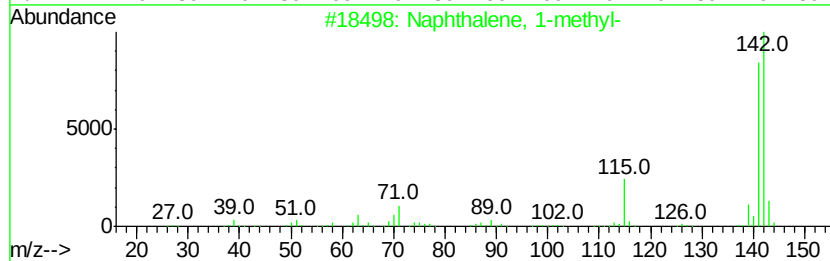
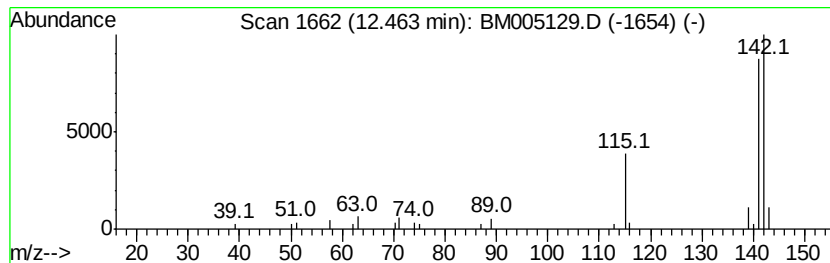
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.95 ng/ul	55209	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



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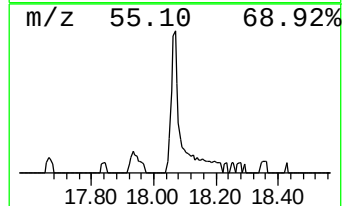
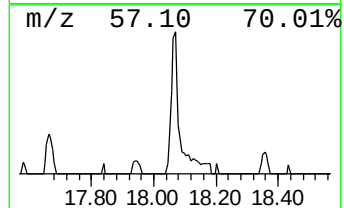
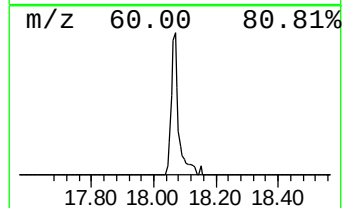
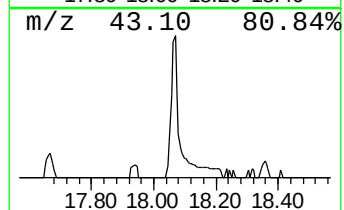
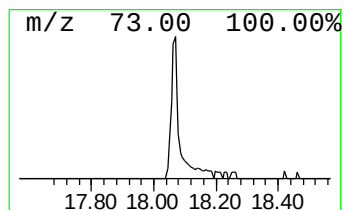
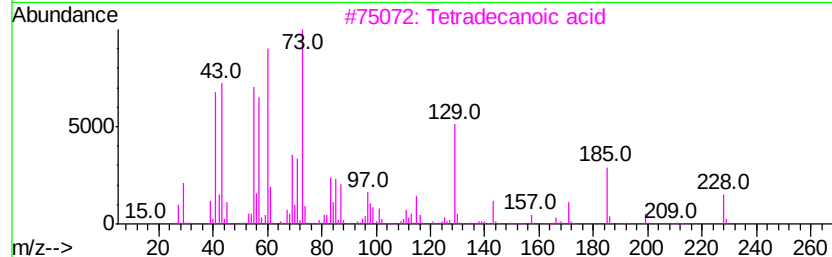
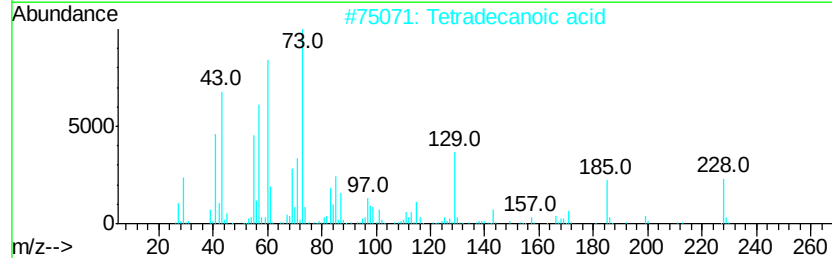
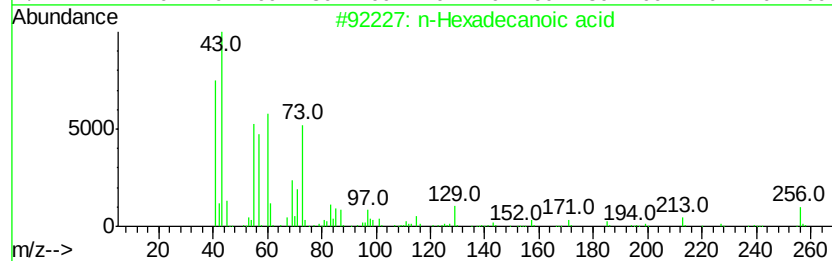
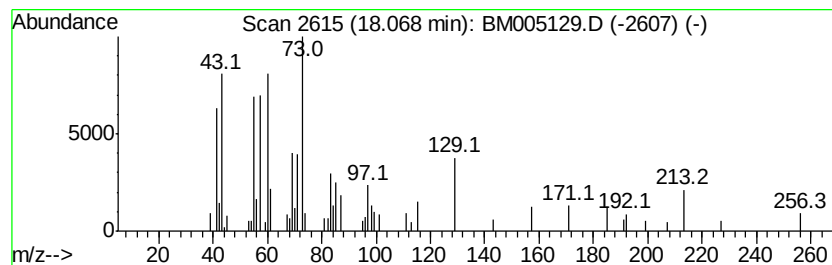
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.13 ng/ul	108095	Phenanthrene-d10	17.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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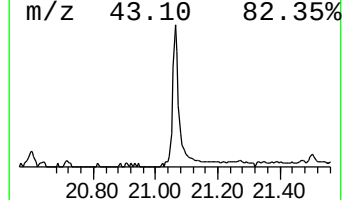
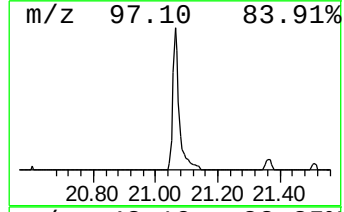
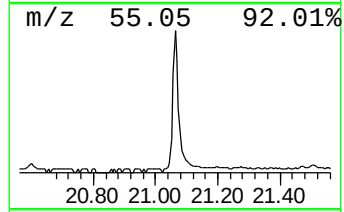
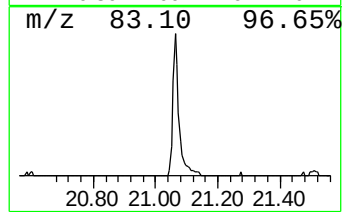
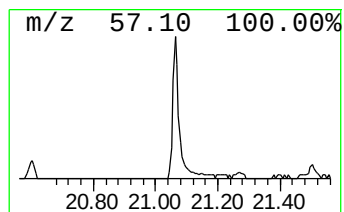
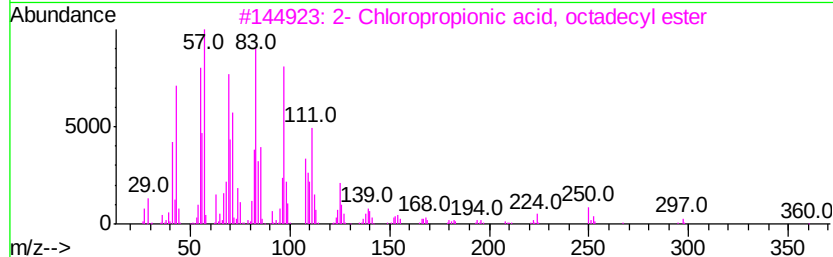
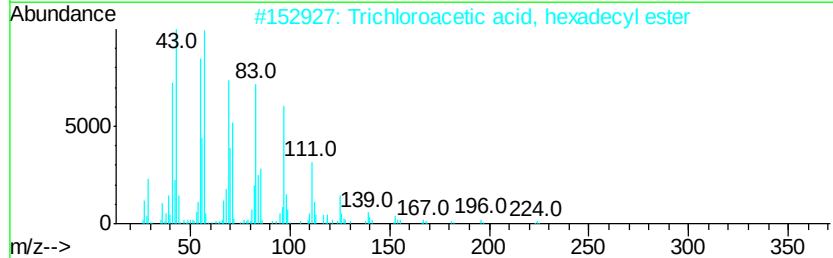
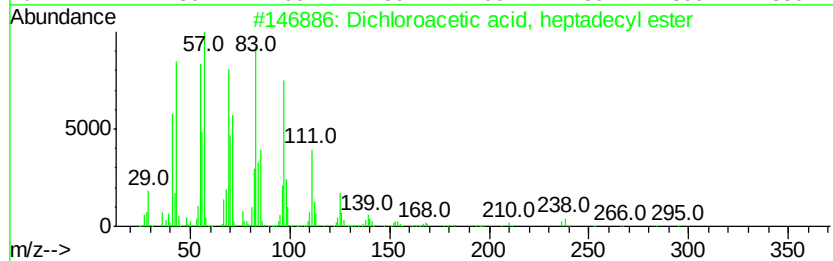
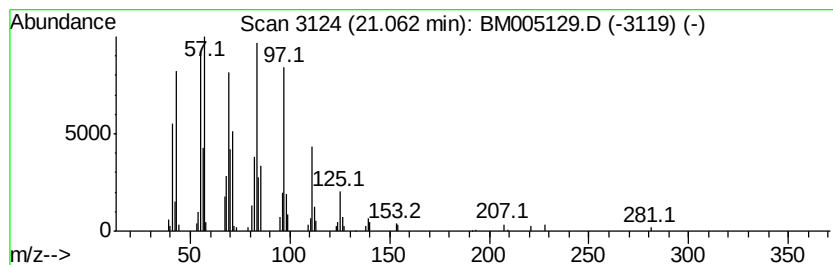
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.75 ng/ul	211342	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



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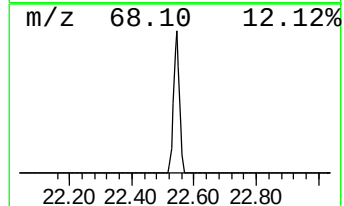
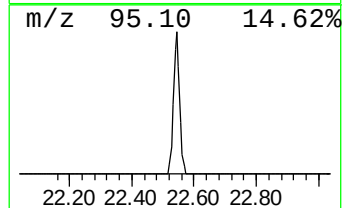
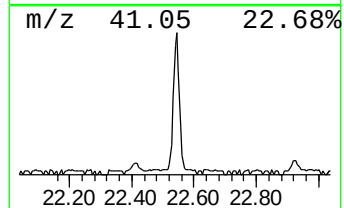
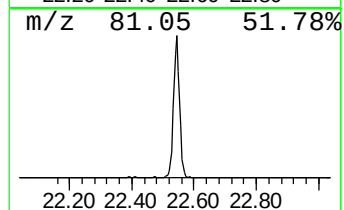
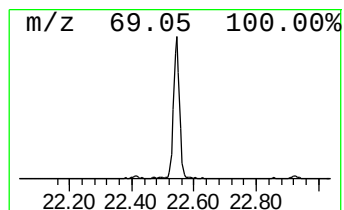
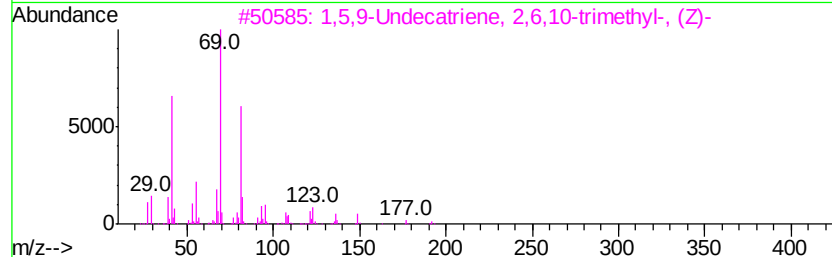
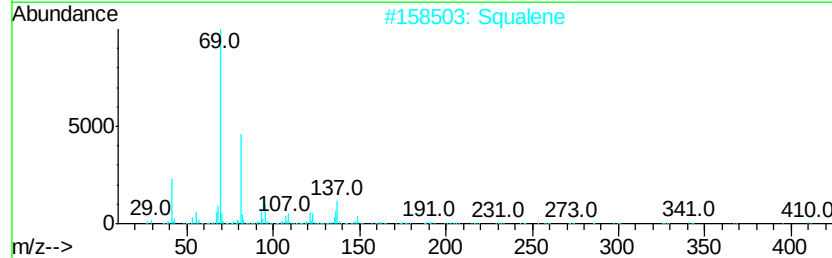
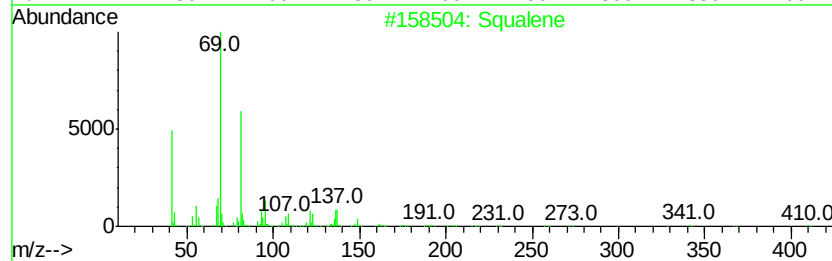
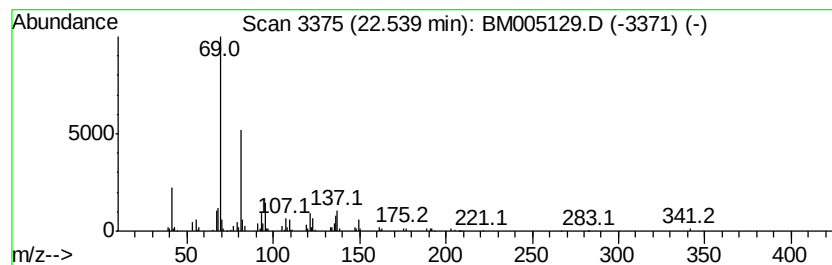
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Peak Number 5 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	6.80 ng/ul	236441	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
4		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.46	3.0	ng/ul	55209	2	10.57	374161	20.0
n-Hexadecanoic acid	18.07	3.1	ng/ul	108095	4	17.17	690147	20.0
Dichloroacetic ac...	21.06	4.8	ng/ul	211342	5	21.36	890304	20.0
Squalene	22.54	6.8	ng/ul	236441	6	23.64	695676	20.0