

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
 Data File : BM023976.D
 Acq On : 03 Dec 2019 19:03
 Operator : JU
 Sample : K5914-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLN6

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	3.034	22	25	30	rBV	52709	63100	0.82%	0.083%
2	3.652	126	130	137	rVB	44196	76644	1.00%	0.101%
3	3.734	141	144	148	rVB	23904	30047	0.39%	0.040%
4	4.646	295	299	307	rBV	39291	62113	0.81%	0.082%
5	6.193	558	562	566	rBV5	5501	7888	0.10%	0.010%
6	6.675	637	644	663	rBV	986589	1810382	23.66%	2.386%
7	6.834	665	671	682	rBV	808303	1322710	17.29%	1.743%
8	7.022	696	703	713	rBV	1060051	1783345	23.31%	2.351%
9	7.481	775	781	792	rBV	1116277	1750219	22.87%	2.307%
10	7.569	792	796	800	rVB7	7448	13167	0.17%	0.017%
11	8.198	897	903	919	rBV	1165126	1986130	25.96%	2.618%
12	8.316	919	923	928	rVV	29255	50629	0.66%	0.067%
13	8.634	970	977	998	rBV	977938	1668058	21.80%	2.199%
14	9.081	1047	1053	1056	rBV2	16741	26495	0.35%	0.035%
15	9.351	1091	1099	1117	rBV	796037	1351609	17.66%	1.781%
16	9.886	1183	1190	1209	rBV	1208617	2191661	28.64%	2.889%
17	10.251	1244	1252	1264	rBV	1487721	2508114	32.78%	3.306%
18	10.404	1271	1278	1301	rBV	988090	1963278	25.66%	2.588%
19	11.869	1521	1527	1530	rBV4	17108	33531	0.44%	0.044%
20	12.745	1673	1676	1682	rVB4	5259	8303	0.11%	0.011%
21	13.057	1724	1729	1732	rBV5	7501	10997	0.14%	0.014%
22	13.445	1792	1795	1799	rBV4	5257	8096	0.11%	0.011%
23	13.563	1809	1815	1820	rBV	2359815	3355490	43.85%	4.423%
24	13.610	1820	1823	1834	rVB	1066223	1504093	19.66%	1.982%
25	13.833	1854	1861	1873	rBV	2717737	4076195	53.27%	5.373%
26	14.145	1907	1914	1923	rBV	2298847	3419881	44.69%	4.508%
27	14.380	1947	1954	1974	rBV	451279	1052849	13.76%	1.388%
28	14.592	1983	1990	2002	rVV7	75365	157823	2.06%	0.208%
29	14.692	2005	2007	2013	rVB7	5624	9799	0.13%	0.013%
30	14.974	2050	2055	2057	rBV	10010	14031	0.18%	0.018%
31	15.033	2061	2065	2069	rVB5	10616	13989	0.18%	0.018%
32	15.145	2077	2084	2100	rBV	3797260	5261268	68.76%	6.935%
33	15.286	2103	2108	2121	rVV	672808	1018802	13.31%	1.343%
34	15.386	2121	2125	2133	rVB3	44254	65786	0.86%	0.087%

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35	15.539	2147	2151	2155	rBV7	5333	9555	0.12%	0.013%
36	15.586	2157	2159	2162	rBV4	9477	10291	0.13%	0.014%
37	15.898	2208	2212	2215	rBV5	8310	11510	0.15%	0.015%
38	15.933	2215	2218	2223	rVB4	16205	21749	0.28%	0.029%
39	16.151	2252	2255	2258	rBV3	6141	7710	0.10%	0.010%
40	16.251	2268	2272	2276	rVB5	4893	8685	0.11%	0.011%
41	16.292	2276	2279	2286	rVB8	5691	12525	0.16%	0.017%
42	16.457	2303	2307	2310	rBV2	27399	37347	0.49%	0.049%
43	16.686	2342	2346	2351	rVB2	17038	22662	0.30%	0.030%
44	16.898	2376	2382	2393	rBV	2948234	4035786	52.74%	5.319%
45	16.998	2393	2399	2411	rVV	4034501	5742985	75.05%	7.569%
46	17.115	2415	2419	2424	rVB6	13359	22868	0.30%	0.030%
47	17.321	2450	2454	2459	rVB7	8934	14468	0.19%	0.019%
48	17.427	2469	2472	2476	rBV6	7847	11822	0.15%	0.016%
49	17.592	2496	2500	2504	rBV4	6857	11945	0.16%	0.016%
50	17.704	2513	2519	2524	rBV9	12635	26983	0.35%	0.036%
51	17.821	2534	2539	2549	rBV	273928	453791	5.93%	0.598%
52	18.256	2609	2613	2615	rBV4	14947	18127	0.24%	0.024%
53	18.615	2671	2674	2675	rBV3	7193	9288	0.12%	0.012%
54	18.939	2725	2729	2734	rBV2	40889	61415	0.80%	0.081%
55	19.115	2755	2759	2767	rBV3	79177	149837	1.96%	0.197%
56	19.192	2768	2772	2776	rVB	39148	60894	0.80%	0.080%
57	19.303	2785	2791	2798	rBV	5197448	6945365	90.77%	9.154%
58	20.850	3050	3054	3060	rBV	347243	493619	6.45%	0.651%
59	21.109	3093	3098	3107	rBV	3535413	4686759	61.25%	6.177%
60	21.286	3126	3128	3132	rBV	95625	100839	1.32%	0.133%
61	21.709	3197	3200	3206	rBV	281027	370802	4.85%	0.489%
62	22.156	3272	3276	3280	rBV	293126	379479	4.96%	0.500%
63	22.633	3354	3357	3366	rVB2	431381	596429	7.79%	0.786%
64	23.115	3433	3439	3445	rBV	4305141	7651715	100.00%	10.085%
65	23.250	3456	3462	3475	rVB	2787395	5206891	68.05%	6.863%

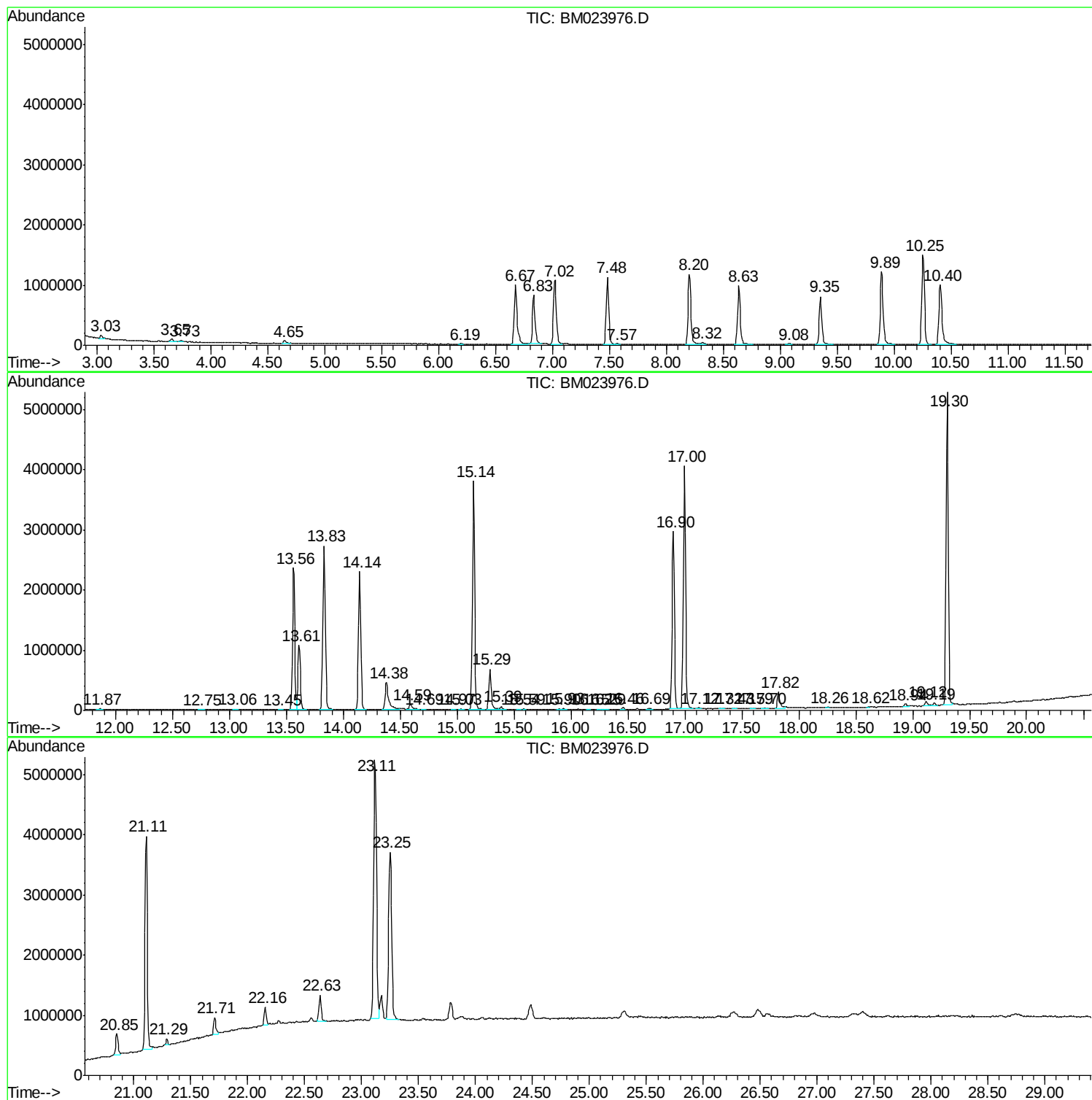
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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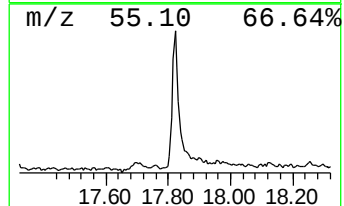
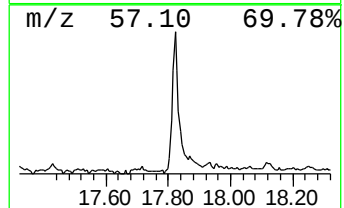
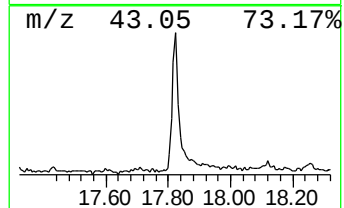
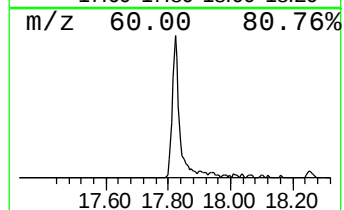
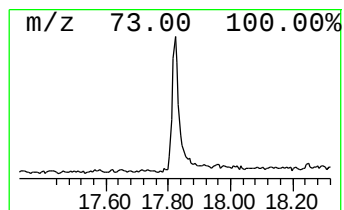
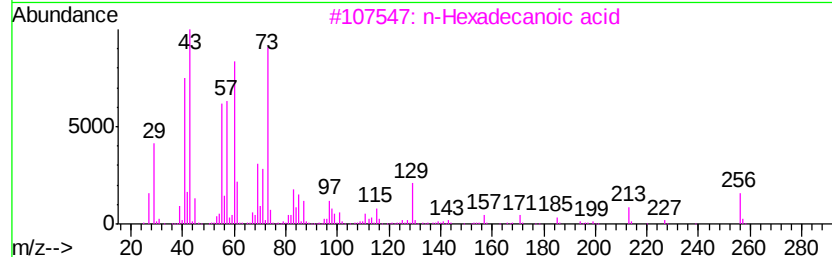
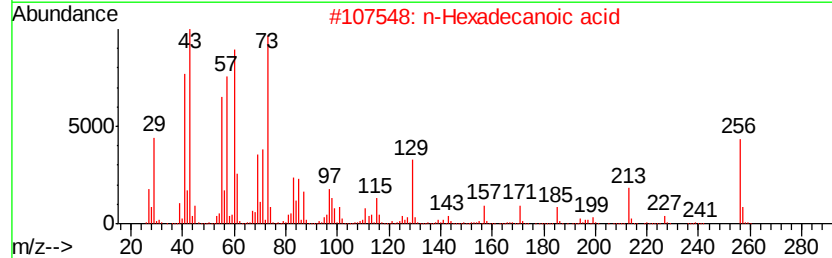
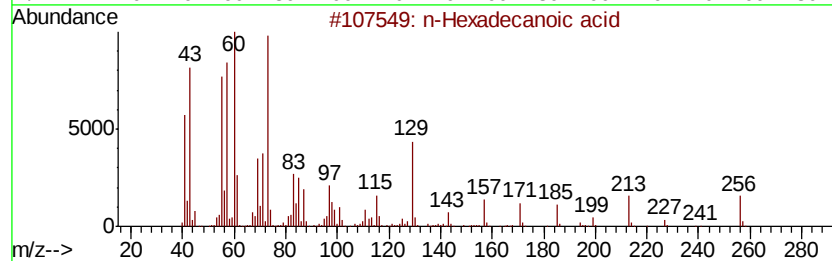
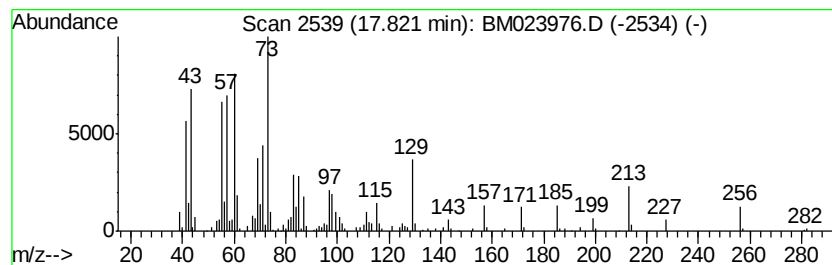
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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.	
17.82	2.25 ng/ul	453791	Phenanthrene-d10		16.90	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64	



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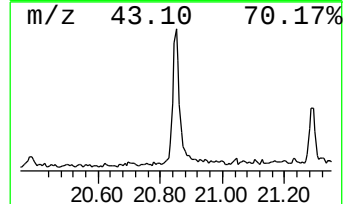
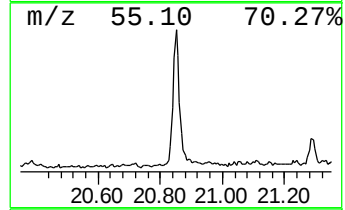
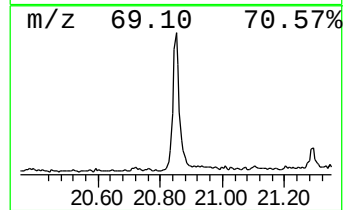
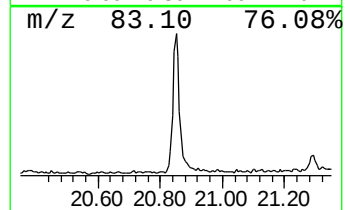
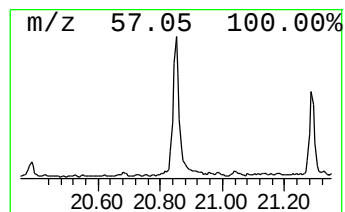
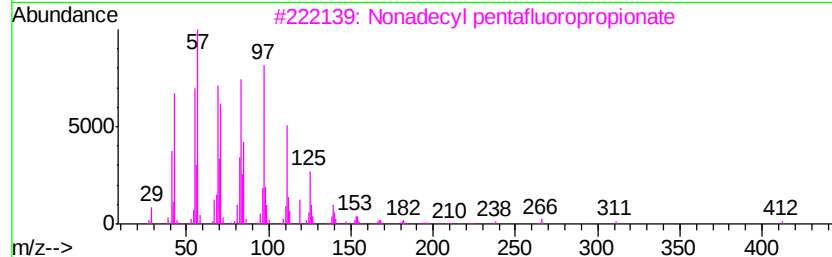
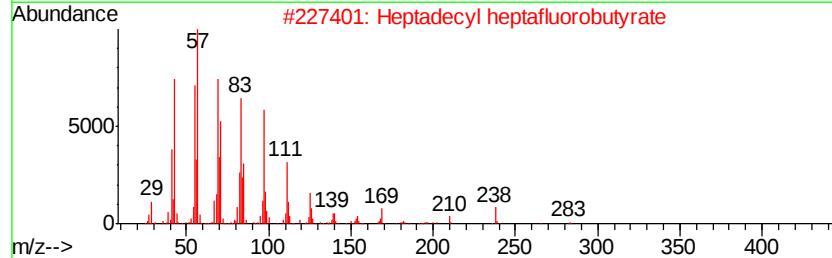
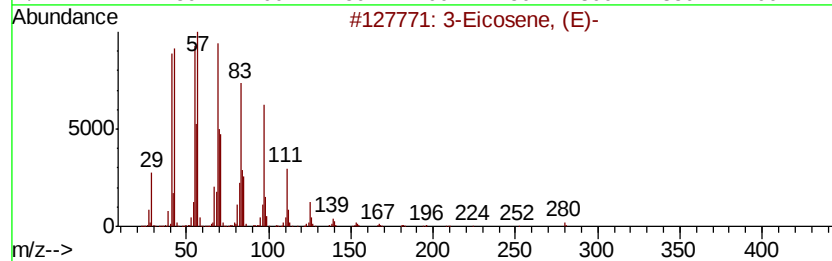
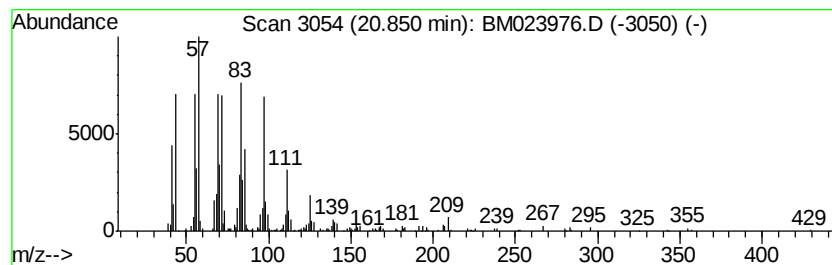
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.85 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.85	2.11 ng/ul	493619	Chrysene-d12	21.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	96
2	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	93
3	Nonadecyl pentafluoropropionate		430	C22H39F5O2	1000351-88-8	91
4	Nonadecyl trifluoroacetate		380	C21H39F3O2	1000351-76-3	90
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	87



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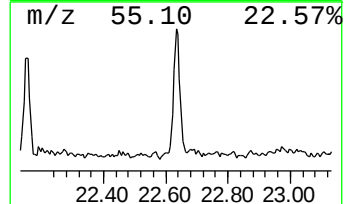
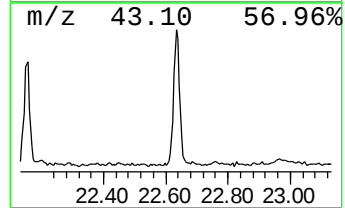
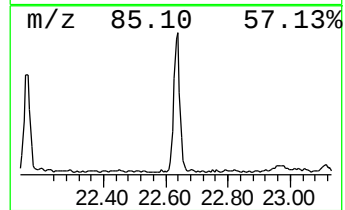
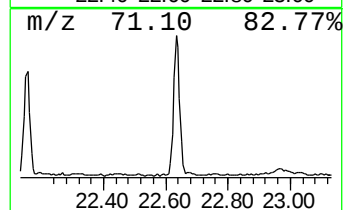
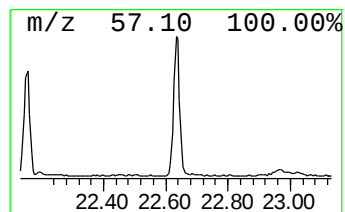
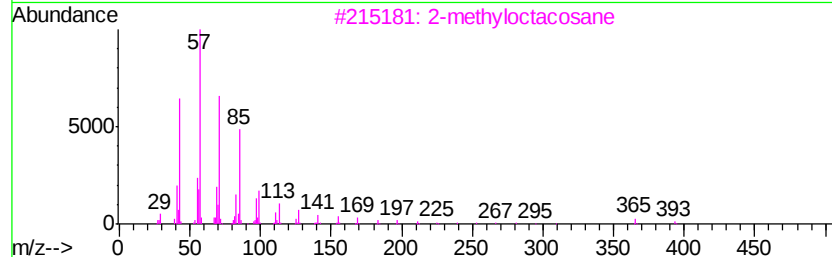
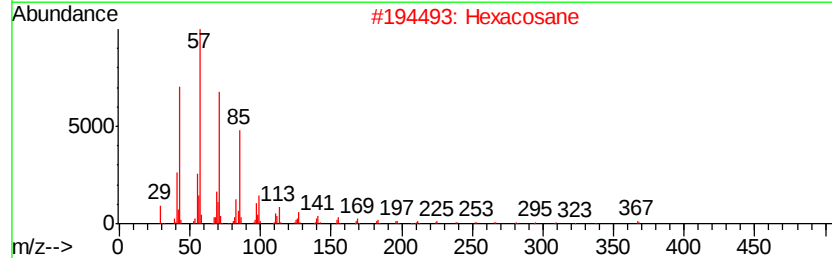
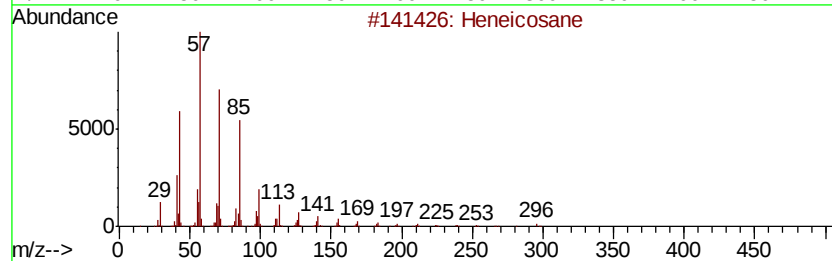
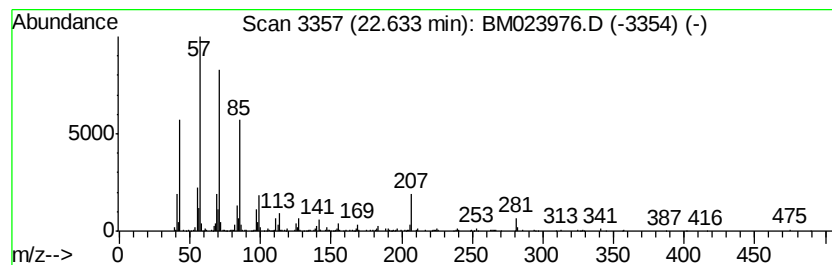
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.29 ng/ul	596429	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Heneicosane	296	C21H44	000629-94-7	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	2.3	ng/ul	453791	4	16.90	4035790	20.0
(DEL) Alkane: Cyc...	20.85	2.1	ng/ul	493619	5	21.11	4686760	20.0
(DEL) Alkane: Str...	22.63	2.3	ng/ul	596429	6	23.25	5206890	20.0