

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022940.D
 Acq On : 04 Oct 2019 03:38
 Operator : JU
 Sample : K4988-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESP00

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-BM092719MA.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	3.263	45	47	62	rVB	33530	59320	1.25%	0.121%
2	3.687	115	119	124	rVB	11980	16546	0.35%	0.034%
3	3.781	131	135	142	rVB	60629	80683	1.70%	0.164%
4	3.852	144	147	151	rVV	6875	9424	0.20%	0.019%
5	3.910	152	157	163	rVB	37575	60598	1.27%	0.123%
6	3.999	168	172	178	rVB	9772	13282	0.28%	0.027%
7	4.093	184	188	192	rBV2	10908	15396	0.32%	0.031%
8	4.375	231	236	241	rBV6	5900	12403	0.26%	0.025%
9	4.446	246	248	254	rVB2	5560	7795	0.16%	0.016%
10	4.557	263	267	273	rVB3	8418	11677	0.25%	0.024%
11	4.916	324	328	337	rBV	29693	45261	0.95%	0.092%
12	5.034	345	348	354	rVB6	4593	7710	0.16%	0.016%
13	6.187	539	544	549	rVB	11780	16134	0.34%	0.033%
14	6.475	588	593	600	rVB6	5085	10433	0.22%	0.021%
15	6.798	644	648	653	rBV5	4555	8906	0.19%	0.018%
16	6.963	670	676	691	rBV2	626590	1143303	24.03%	2.324%
17	7.128	697	704	720	rBV	477934	772717	16.24%	1.571%
18	7.328	731	738	748	rVB	672238	1058831	22.26%	2.152%
19	7.428	751	755	759	rVB5	5597	6520	0.14%	0.013%
20	7.792	810	817	826	rBV	892435	1405235	29.54%	2.856%
21	7.869	826	830	837	rVB3	7623	12032	0.25%	0.024%
22	8.498	930	937	952	rBV	640496	1023471	21.51%	2.080%
23	8.616	953	957	963	rVB2	9960	16305	0.34%	0.033%
24	8.945	1007	1013	1024	rBV	601413	986068	20.73%	2.004%
25	9.116	1039	1042	1045	rVB2	5435	5644	0.12%	0.011%
26	9.392	1085	1089	1094	rVB	18026	25159	0.53%	0.051%
27	9.669	1128	1136	1150	rBV	499126	816155	17.15%	1.659%
28	9.916	1171	1178	1186	rVB6	2866	7257	0.15%	0.015%
29	10.210	1220	1228	1239	rVB	828067	1376516	28.93%	2.798%
30	10.586	1284	1292	1304	rBV	1281689	2134136	44.86%	4.338%
31	10.716	1306	1314	1328	rBV	514935	952258	20.02%	1.935%
32	12.016	1531	1535	1541	rBV2	4494	7620	0.16%	0.015%
33	12.175	1558	1562	1569	rVB	11608	19429	0.41%	0.039%
34	12.792	1664	1667	1671	rBV3	4550	5910	0.12%	0.012%

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35	12.986	1695	1700	1706	rVB	9314	13905	0.29%	0.028%
36	13.045	1706	1710	1716	rBV4	6246	10141	0.21%	0.021%
37	13.269	1743	1748	1754	rBV3	7570	11045	0.23%	0.022%
38	13.839	1838	1845	1849	rBV	1475061	2009655	42.24%	4.085%
39	13.886	1849	1853	1864	rVB	594508	802972	16.88%	1.632%
40	14.121	1883	1893	1903	rBV	1800145	2588344	54.40%	5.261%
41	14.339	1926	1930	1934	rVB2	8472	11469	0.24%	0.023%
42	14.433	1939	1946	1953	rVV	1963796	2933750	61.66%	5.963%
43	14.492	1953	1956	1963	rVB2	12015	17401	0.37%	0.035%
44	14.627	1973	1979	1993	rBV	400682	642722	13.51%	1.306%
45	14.780	1999	2005	2011	rBV3	18705	31612	0.66%	0.064%
46	14.845	2011	2016	2022	rVB5	33593	50155	1.05%	0.102%
47	15.021	2044	2046	2053	rBV3	3429	5936	0.12%	0.012%
48	15.239	2079	2083	2087	rBV3	6852	11478	0.24%	0.023%
49	15.286	2088	2091	2095	rVB	10236	12384	0.26%	0.025%
50	15.421	2107	2114	2121	rBV	2258559	3214900	67.57%	6.534%
51	15.480	2121	2124	2128	rVB2	24280	30517	0.64%	0.062%
52	15.539	2128	2134	2142	rBV	368910	510502	10.73%	1.038%
53	15.663	2149	2155	2158	rBV	24257	33954	0.71%	0.069%
54	15.692	2158	2160	2165	rVB3	8517	10122	0.21%	0.021%
55	15.780	2170	2175	2181	rVB4	5488	10926	0.23%	0.022%
56	15.915	2195	2198	2205	rVB5	5118	9758	0.21%	0.020%
57	16.145	2234	2237	2240	rBV3	10505	12867	0.27%	0.026%
58	16.204	2244	2247	2252	rVB4	10163	13172	0.28%	0.027%
59	16.321	2265	2267	2272	rVB5	6224	6682	0.14%	0.014%
60	16.415	2280	2283	2288	rVB3	5344	8164	0.17%	0.017%
61	16.574	2304	2310	2313	rBV5	6088	9041	0.19%	0.018%
62	16.715	2330	2334	2337	rBV5	6080	9970	0.21%	0.020%
63	16.821	2349	2352	2355	rBV2	5141	6927	0.15%	0.014%
64	16.904	2360	2366	2368	rBV5	4745	9292	0.20%	0.019%
65	16.939	2369	2372	2373	rBV3	8311	7370	0.15%	0.015%
66	16.992	2378	2381	2385	rVB3	11009	14974	0.31%	0.030%
67	17.074	2391	2395	2397	rBV2	11090	14590	0.31%	0.030%
68	17.168	2403	2411	2416	rBV2	2369191	3393038	71.32%	6.896%
69	17.209	2416	2418	2422	rVV	232734	287872	6.05%	0.585%
70	17.268	2422	2428	2438	rVV	2463561	3452606	72.57%	7.017%
71	17.362	2442	2444	2449	rVB3	9724	11302	0.24%	0.023%

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72	17.562	2473	2478	2485	rVB5	17328	31796	0.67%	0.065%
73	17.680	2494	2498	2506	rVB4	9324	18522	0.39%	0.038%
74	17.751	2506	2510	2515	rBV7	4495	7748	0.16%	0.016%
75	18.068	2556	2564	2573	rBV2	252428	435647	9.16%	0.885%
76	18.239	2588	2593	2597	rBV2	52380	80314	1.69%	0.163%
77	18.368	2611	2615	2617	rBV3	15514	23007	0.48%	0.047%
78	18.498	2634	2637	2641	rVB2	16570	17345	0.36%	0.035%
79	18.545	2641	2645	2648	rBV	30750	41729	0.88%	0.085%
80	18.580	2648	2651	2659	rVB2	22719	33749	0.71%	0.069%
81	18.962	2712	2716	2720	rBV5	22967	33974	0.71%	0.069%
82	19.003	2720	2723	2725	rBV2	10064	13368	0.28%	0.027%
83	19.098	2736	2739	2747	rBV3	20279	42762	0.90%	0.087%
84	19.227	2752	2761	2768	rVV	617873	876229	18.42%	1.781%
85	19.345	2778	2781	2789	rBV3	57844	78695	1.65%	0.160%
86	19.562	2812	2818	2831	rBV2	3061205	4757631	100.00%	9.670%
87	20.080	2903	2906	2910	rBV	73230	93074	1.96%	0.189%
88	20.186	2921	2924	2928	rVB	48852	61841	1.30%	0.126%
89	21.062	3069	3073	3079	rBV2	617874	733870	15.43%	1.492%
90	21.350	3115	3122	3126	rBV	2313432	3358246	70.59%	6.826%
91	21.386	3126	3128	3133	rVB	226100	242994	5.11%	0.494%
92	21.503	3146	3148	3153	rVB	130620	135416	2.85%	0.275%
93	22.927	3386	3390	3395	rBV2	326986	556223	11.69%	1.131%
94	23.462	3476	3481	3486	rBV	1339568	2490046	52.34%	5.061%
95	23.609	3500	3506	3519	rVB	1353977	2654898	55.80%	5.396%

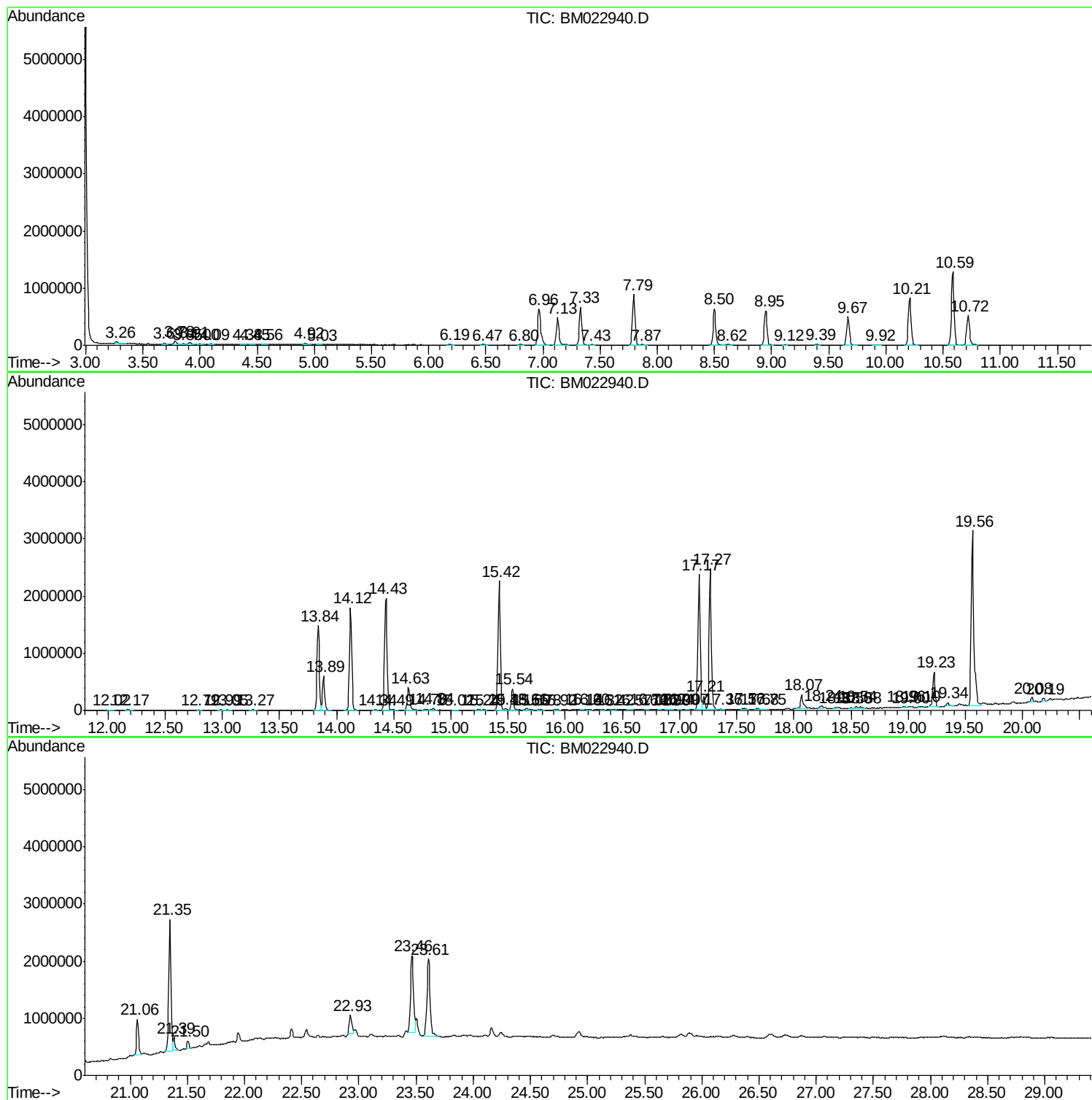
Sum of corrected areas: 49200773

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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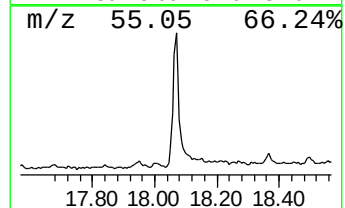
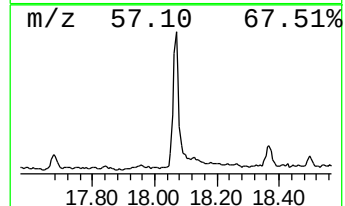
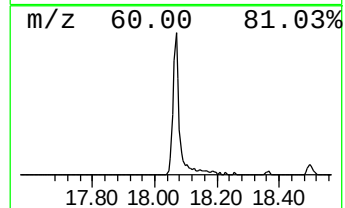
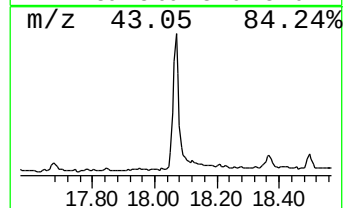
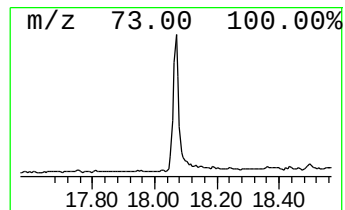
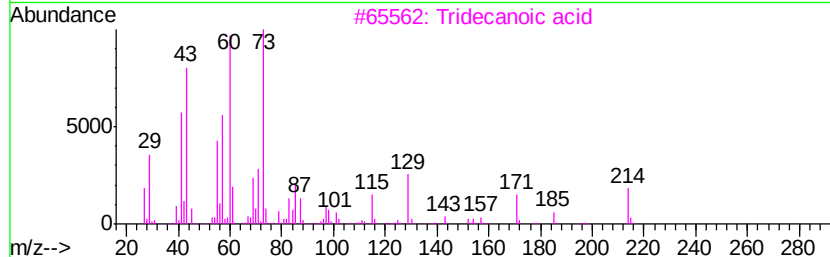
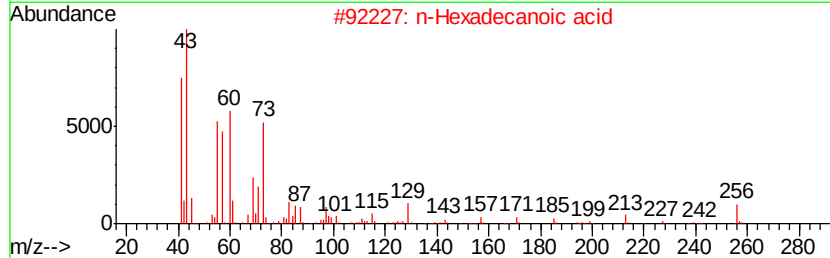
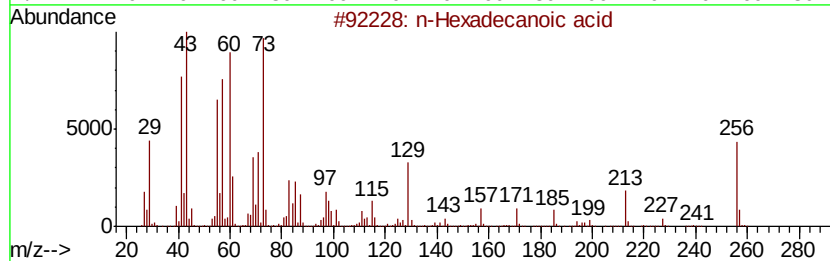
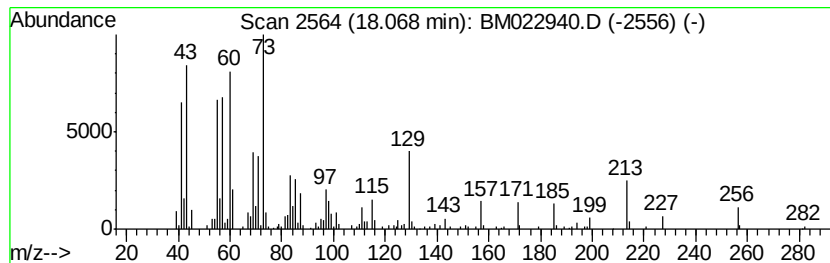
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.07	2.57 ng/ul	435647	Phenanthrene-d10	17.17		
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	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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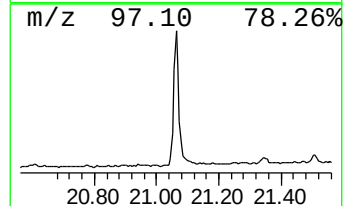
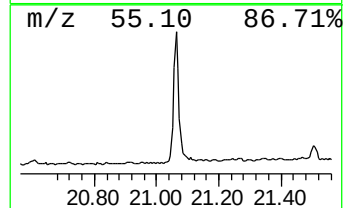
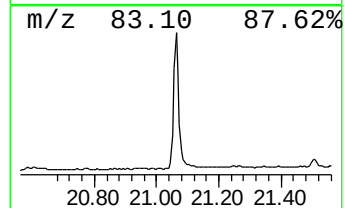
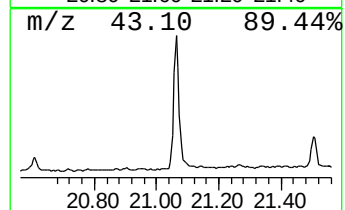
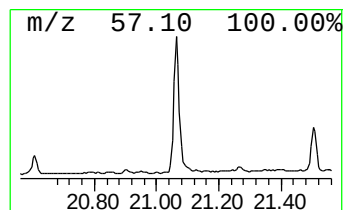
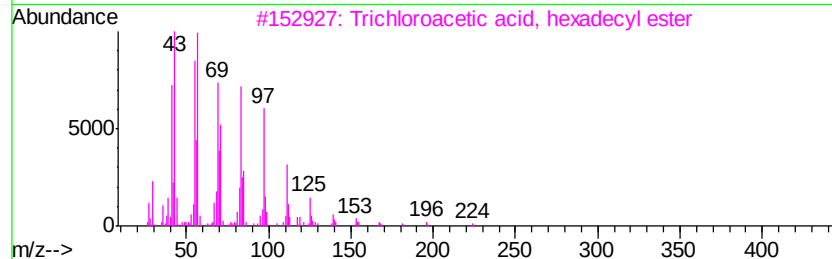
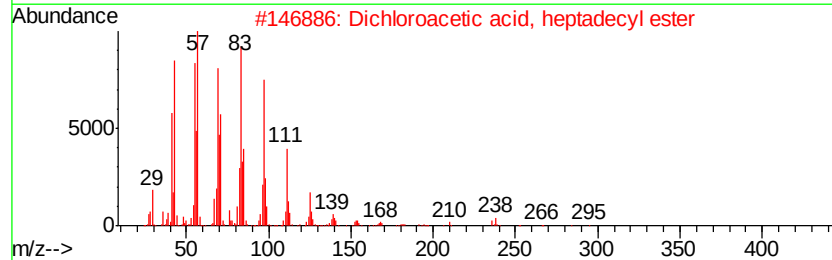
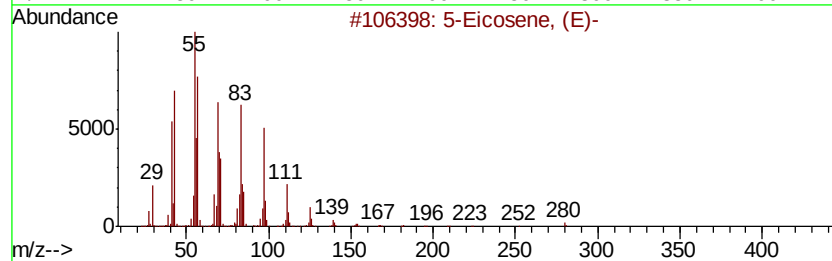
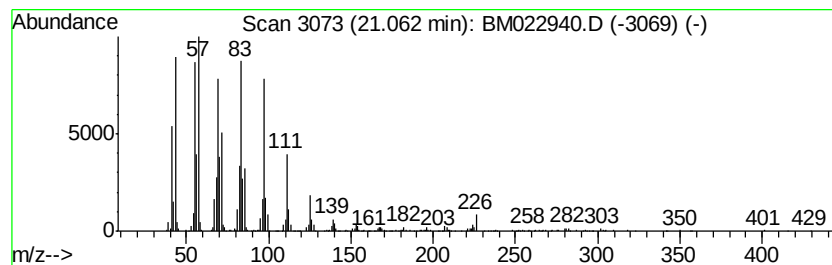
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.06	4.37 ng/ul	733870	Chrysene-d12	21.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	94
3	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
5	Trifluoroacetic acid, n-octadecy...		366	C20H37F3O2	079392-43-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.07	2.6	ng/ul	435647	4	17.17	3393040	20.0
(DEL) Alkane: Cyc...	21.06	4.4	ng/ul	733870	5	21.35	3358250	20.0