

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052753.D
 Acq On : 19 Mar 2022 20:17
 Operator : CG/JU
 Sample : N1820-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBRZ5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Title : SVOA CALIBRATION

Signal : TIC: BG052753.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.564	25	30	33	rBV2	12163	16454	1.14%	0.111%
2	3.834	73	76	77	rBV2	4182	4263	0.30%	0.029%
3	3.975	96	100	113	rBV	149880	265568	18.38%	1.791%
4	4.122	123	125	127	rVB2	2586	1589	0.11%	0.011%
5	4.157	127	131	132	rBV3	1869	2556	0.18%	0.017%
6	4.533	193	195	200	rVB5	2794	4256	0.29%	0.029%
7	4.745	227	231	233	rVB4	1699	2049	0.14%	0.014%
8	5.238	310	315	319	rBV5	4631	7167	0.50%	0.048%
9	6.683	559	561	567	rVB4	1525	2003	0.14%	0.014%
10	6.930	602	603	607	rVB4	1532	1773	0.12%	0.012%
11	6.965	607	609	612	rBV3	1998	1853	0.13%	0.012%
12	7.288	657	664	673	rBV	213181	384829	26.64%	2.595%
13	7.464	687	694	703	rBV	154754	264693	18.32%	1.785%
14	7.676	723	730	737	rBV	197514	341678	23.65%	2.304%
15	7.952	772	777	779	rBV3	1308	1939	0.13%	0.013%
16	8.146	803	810	818	rBV	149202	256250	17.74%	1.728%
17	8.205	818	820	825	rVB3	3157	3832	0.27%	0.026%
18	8.839	919	928	936	rBV2	256759	445452	30.83%	3.004%
19	9.303	1000	1007	1015	rBV	193636	357337	24.73%	2.410%
20	9.468	1030	1035	1041	rVB4	2651	4030	0.28%	0.027%
21	9.750	1078	1083	1088	rBV2	8183	11973	0.83%	0.081%
22	10.032	1124	1131	1139	rBV	161815	292174	20.22%	1.970%
23	10.314	1175	1179	1181	rBV	1313	1693	0.12%	0.011%
24	10.572	1216	1223	1235	rVB	260203	462199	31.99%	3.117%
25	10.737	1248	1251	1254	rVB3	2486	2771	0.19%	0.019%
26	10.960	1282	1289	1296	rVB	206808	365805	25.32%	2.467%
27	11.083	1303	1310	1317	rBV	252310	447317	30.96%	3.017%
28	11.718	1415	1418	1422	rBV4	2095	2926	0.20%	0.020%
29	12.364	1524	1528	1532	rBV2	4629	5932	0.41%	0.040%
30	12.534	1552	1557	1563	rVB3	5394	9262	0.64%	0.062%
31	13.028	1639	1641	1647	rBV3	2436	2849	0.20%	0.019%
32	13.310	1686	1689	1695	rBV4	3019	3414	0.24%	0.023%
33	13.591	1732	1737	1744	rVB2	11908	18348	1.27%	0.124%
34	14.108	1822	1825	1827	rBV	1360	1573	0.11%	0.011%
35	14.161	1828	1834	1841	rVB	476183	713463	49.38%	4.811%
36	14.226	1841	1845	1846	rBV	1053	1601	0.11%	0.011%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
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37	14.461	1875	1885	1892	rVB	547018	848040	58.70%	5.719%
38	14.661	1915	1919	1924	rVB4	4608	7358	0.51%	0.050%
39	14.766	1930	1937	1944	rBV2	336882	530924	36.75%	3.580%
40	14.931	1957	1965	1971	rBV	241815	375943	26.02%	2.535%

41	14.978	1971	1973	1975	rVB2	2278	1949	0.13%	0.013%
42	15.160	2001	2004	2005	rBV2	1914	1802	0.12%	0.012%
43	15.389	2041	2043	2046	rVB2	1733	1949	0.13%	0.013%
44	15.565	2069	2073	2076	rVB4	1907	2530	0.18%	0.017%
45	15.601	2076	2079	2083	rBV2	3553	4060	0.28%	0.027%

46	15.753	2098	2105	2113	rVB	682158	1071455	74.16%	7.226%
47	15.859	2113	2123	2130	rBV	199813	298900	20.69%	2.016%
48	15.994	2138	2146	2149	rBV4	3080	5977	0.41%	0.040%
49	16.470	2225	2227	2229	rBV2	2279	1565	0.11%	0.011%
50	16.488	2229	2230	2236	rVB4	1371	1812	0.13%	0.012%

51	16.540	2237	2239	2242	rVB3	2292	1587	0.11%	0.011%
52	16.617	2250	2252	2255	rBV4	1780	1796	0.12%	0.012%
53	16.746	2271	2274	2276	rBV2	1616	1608	0.11%	0.011%
54	16.899	2292	2300	2301	rBV6	3314	6188	0.43%	0.042%
55	17.251	2358	2360	2363	rBV4	2847	3156	0.22%	0.021%

56	17.286	2363	2366	2370	rBV2	1870	2651	0.18%	0.018%
57	17.416	2386	2388	2393	rVB4	1646	2682	0.19%	0.018%
58	17.463	2393	2396	2397	rBV2	1680	1665	0.12%	0.011%
59	17.510	2397	2404	2411	rVV	454795	693253	47.98%	4.675%
60	17.610	2413	2421	2427	rVV2	773394	1194071	82.65%	8.053%

61	17.680	2430	2433	2438	rVB6	5985	8728	0.60%	0.059%
62	17.880	2462	2467	2471	rBV6	3371	5381	0.37%	0.036%
63	18.074	2497	2500	2504	rVB4	1804	2681	0.19%	0.018%
64	18.109	2504	2506	2508	rBV2	1657	1638	0.11%	0.011%
65	18.174	2512	2517	2522	rVB3	14570	20609	1.43%	0.139%

66	18.256	2528	2531	2532	rBV3	1395	1582	0.11%	0.011%
67	18.320	2539	2542	2545	rVB4	2149	2514	0.17%	0.017%
68	18.350	2545	2547	2549	rBV3	2138	2339	0.16%	0.016%
69	18.385	2549	2553	2562	rBV2	68408	98105	6.79%	0.662%
70	18.497	2570	2572	2575	rBV3	2001	1628	0.11%	0.011%

71	18.614	2590	2592	2594	rVB2	2706	1914	0.13%	0.013%
72	18.685	2599	2604	2605	rVV4	2268	2769	0.19%	0.019%
73	18.714	2607	2609	2611	rVB3	2896	2164	0.15%	0.015%
74	18.743	2611	2614	2615	rBV3	2514	1746	0.12%	0.012%
75	18.814	2622	2626	2631	rBV2	25550	30701	2.12%	0.207%

76	18.861	2632	2634	2637	rBV3	1688	1869	0.13%	0.013%
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77	19.190	2689	2690	2692	rVV2	2402	2153	0.15%	0.015%
78	19.243	2694	2699	2703	rBV7	5130	8906	0.62%	0.060%
79	19.301	2708	2709	2710	rVV	2494	1557	0.11%	0.011%
80	19.331	2711	2714	2719	rVB5	17263	21823	1.51%	0.147%
81	19.454	2731	2735	2742	rVB4	12540	21046	1.46%	0.142%
82	19.525	2742	2747	2756	rBV3	19677	45076	3.12%	0.304%
83	19.654	2765	2769	2775	rBV6	18157	24866	1.72%	0.168%
84	19.783	2788	2791	2792	rBV3	2553	1934	0.13%	0.013%
85	19.801	2792	2794	2799	rVB5	3129	4375	0.30%	0.030%
86	19.889	2802	2809	2819	rVV	981713	1444761	100.00%	9.743%
87	20.053	2836	2837	2840	rBV2	3520	3372	0.23%	0.023%
88	20.265	2871	2873	2875	rBV2	2822	2711	0.19%	0.018%
89	20.382	2890	2893	2897	rBV5	6872	9086	0.63%	0.061%
90	20.547	2919	2921	2923	rBV2	4134	4531	0.31%	0.031%
91	20.723	2947	2951	2957	rBV9	18353	35111	2.43%	0.237%
92	20.840	2969	2971	2972	rBV2	5603	4256	0.29%	0.029%
93	21.428	3066	3071	3078	rBV	161591	245364	16.98%	1.655%
94	21.798	3127	3134	3142	rVB	453459	789586	54.65%	5.325%
95	22.638	3275	3277	3284	rVB8	13865	22291	1.54%	0.150%
96	23.349	3396	3398	3404	rBV6	8468	11070	0.77%	0.075%
97	23.543	3427	3431	3437	rBV5	18280	43431	3.01%	0.293%
98	24.888	3650	3660	3671	rVB2	481509	1375837	95.23%	9.278%
99	25.117	3689	3699	3708	rBV2	261558	732950	50.73%	4.943%
100	27.772	4149	4151	4154	rBV4	8136	10157	0.70%	0.068%

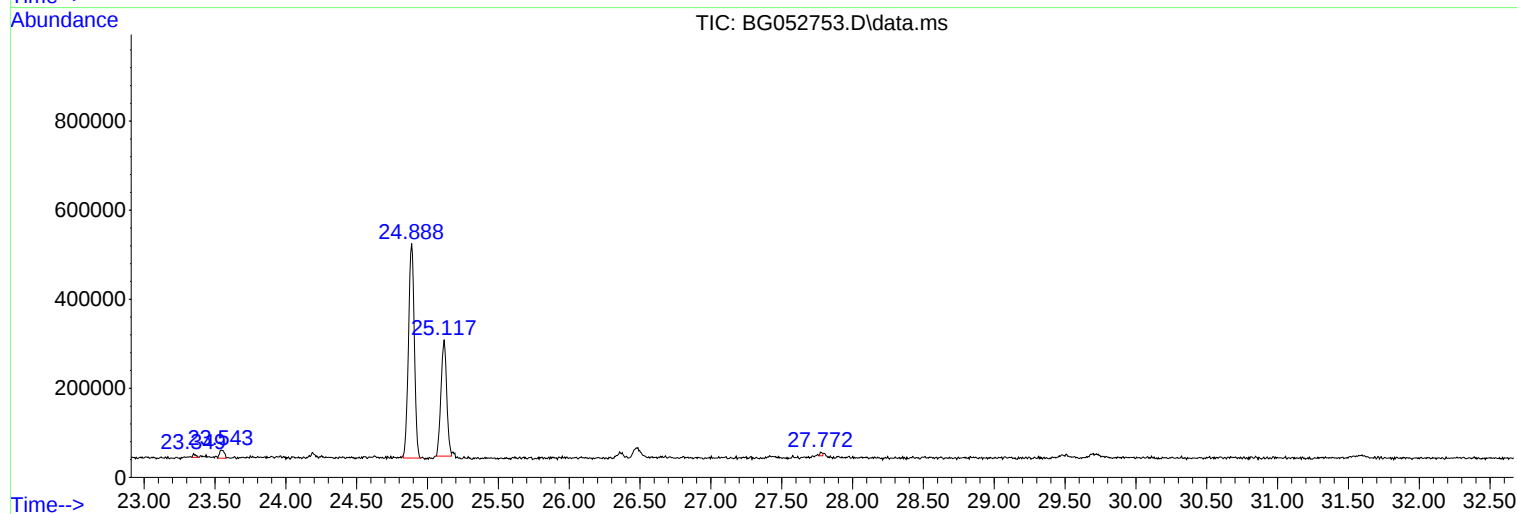
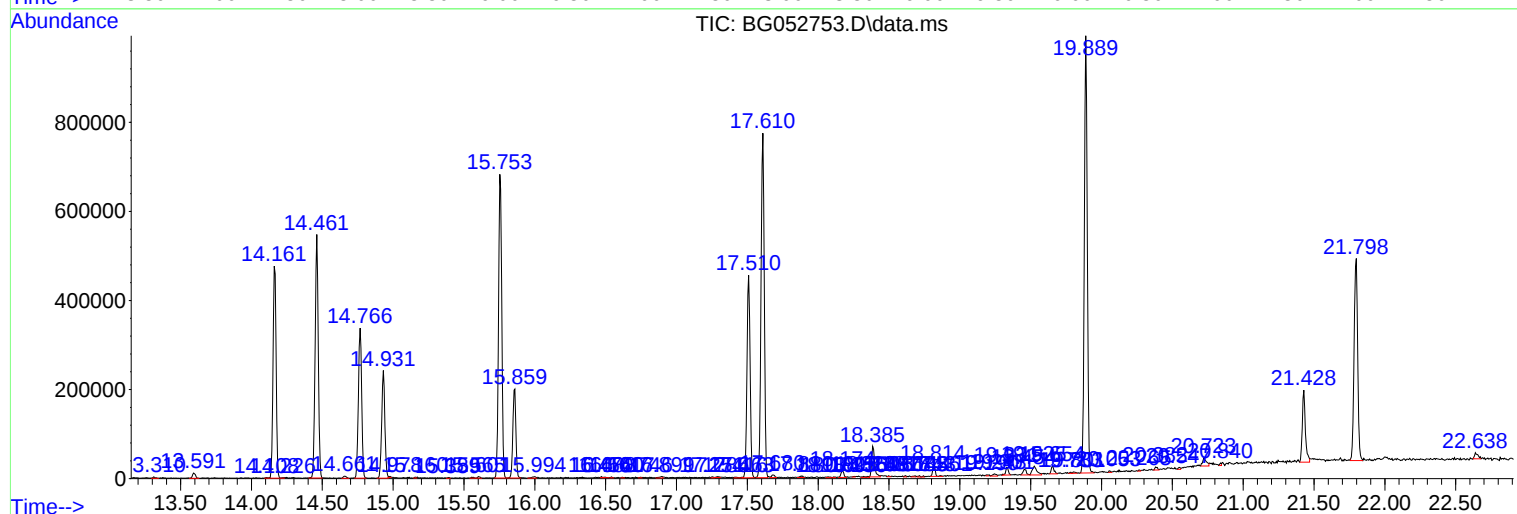
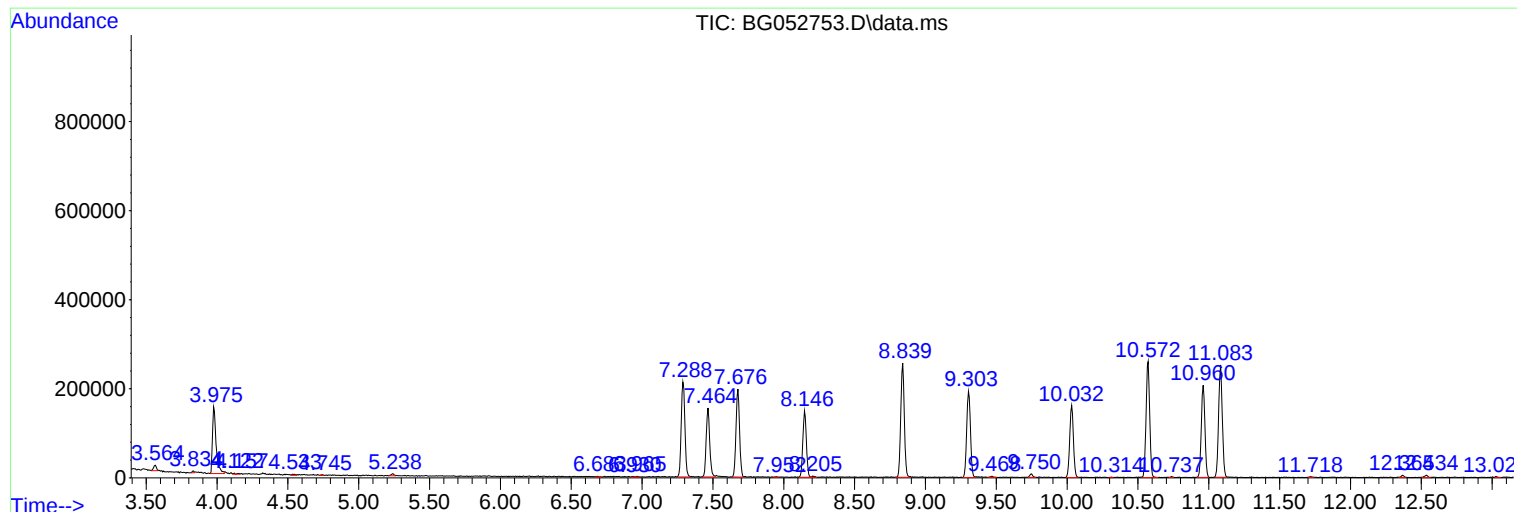
Sum of corrected areas: 14828410

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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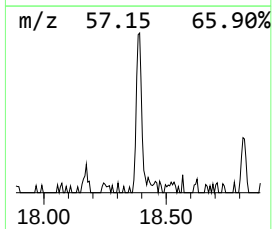
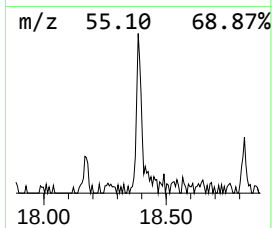
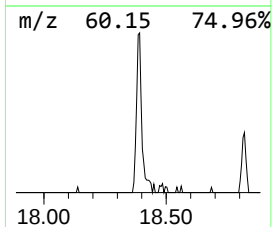
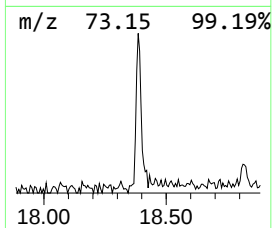
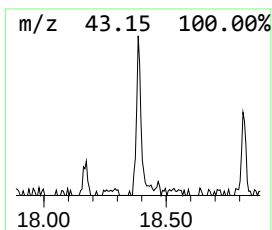
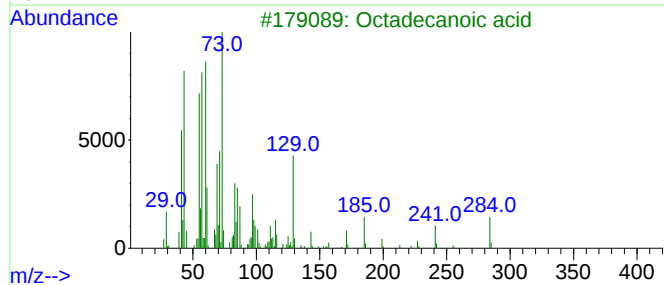
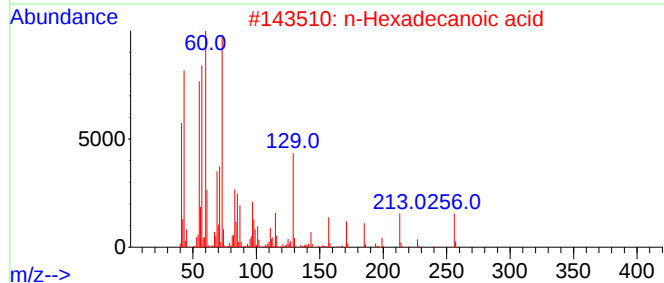
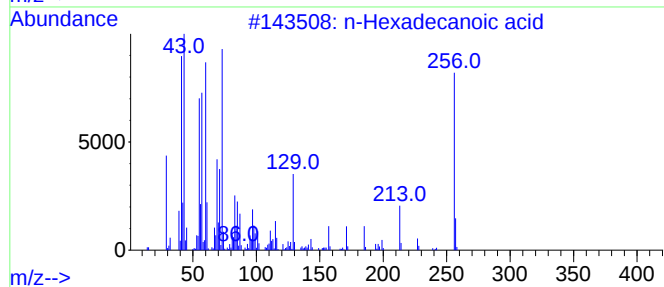
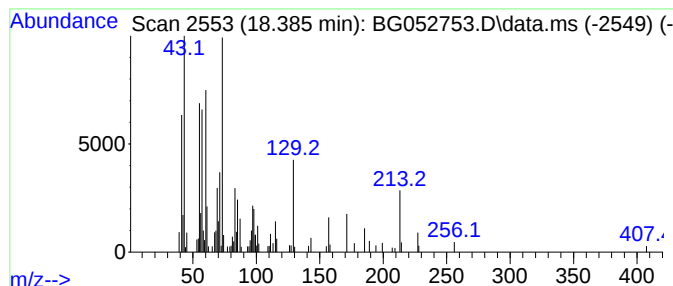
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.385	2.83 ng/ul	98105	Phenanthrene-d10	17.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Octadecanoic acid	284	C18H36O2	000057-11-4	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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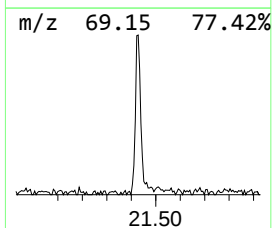
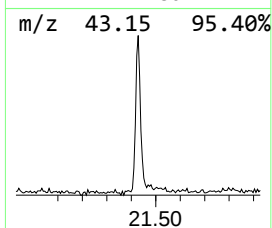
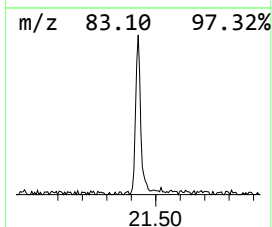
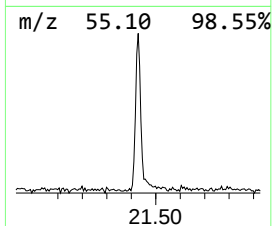
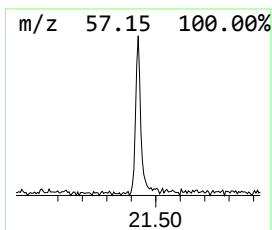
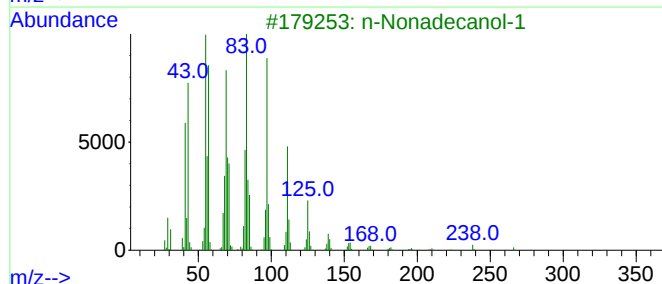
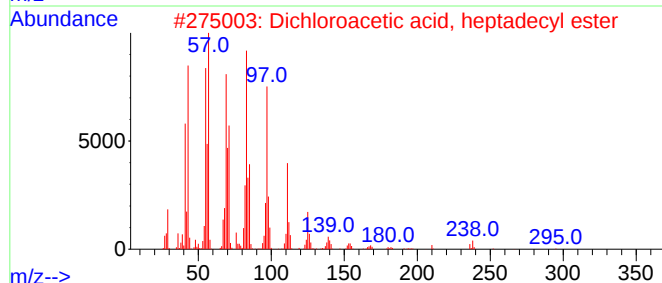
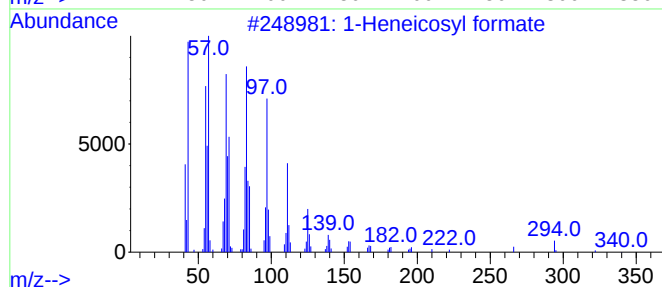
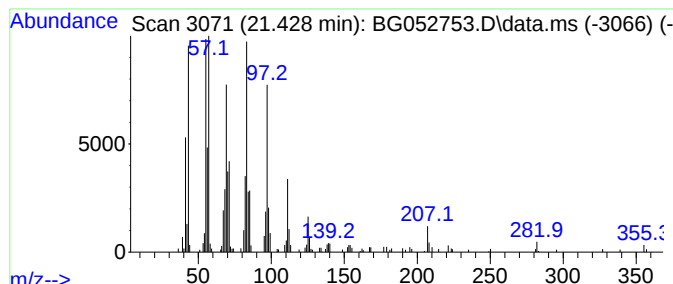
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	6.21 ng/ul	245364	Chrysene-d12	21.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate			340	C22H44O2	077899-03-7	95
2	Dichloroacetic acid, heptadecyl ...			366	C19H36Cl2O2	1000282-98-2	95
3	n-Nonadecanol-1			284	C19H40O	001454-84-8	94
4	Bromoacetic acid, hexadecyl ester			362	C18H35BrO2	005454-48-8	94
5	Carbonic acid, hexadecyl 2,2,2-t...			416	C19H35Cl3O3	1000314-56-2	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.385	2.8	ng/ul	98105	4	17.510	693253	20.0
1-Heneicosyl fo...	21.428	6.2	ng/ul	245364	5	21.798	789586	20.0