

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048176.D
 Acq On : 16 Feb 2021 23:41
 Operator : CG/JU
 Sample : M1408-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ7

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_G\METHODS\SOM-EPA-BG021321MA.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	3.509	25	29	33	rBV	14987	19515	0.90%	0.105%
2	4.267	156	158	167	rBV4	3625	4689	0.22%	0.025%
3	4.942	269	273	277	rBV4	1448	2193	0.10%	0.012%
4	5.195	312	316	320	rVB4	1801	3163	0.15%	0.017%
5	6.505	533	539	542	rBV3	1526	2290	0.11%	0.012%
6	7.245	659	665	676	rVB3	53263	106859	4.93%	0.574%
7	7.422	688	695	703	rBV	174955	298201	13.76%	1.602%
8	7.627	724	730	738	rBV	193769	335598	15.49%	1.803%
9	8.103	804	811	821	rVB	211147	358767	16.56%	1.928%
10	8.462	868	872	875	rVB2	2154	2624	0.12%	0.014%
11	8.797	922	929	940	rBV	150978	267073	12.33%	1.435%
12	9.261	1000	1008	1017	rBV	240936	427853	19.75%	2.299%
13	9.684	1074	1080	1082	rBV5	3603	4383	0.20%	0.024%
14	9.983	1123	1131	1140	rBV	218289	395724	18.27%	2.126%
15	10.524	1214	1223	1236	rBV	293492	535818	24.73%	2.879%
16	10.912	1280	1289	1297	rBV	282473	496752	22.93%	2.669%
17	11.041	1305	1311	1317	rBV3	13706	29402	1.36%	0.158%
18	11.670	1415	1418	1422	rVB3	1755	2463	0.11%	0.013%
19	12.492	1554	1558	1565	rVB2	4459	7107	0.33%	0.038%
20	14.120	1827	1835	1841	rBV	641818	954759	44.07%	5.130%
21	14.167	1841	1843	1847	rVB2	20883	25215	1.16%	0.135%
22	14.419	1879	1886	1893	rVV	683360	1052555	48.59%	5.656%
23	14.654	1922	1926	1928	rBV	1368	2513	0.12%	0.014%
24	14.725	1930	1938	1946	rVV	502327	763946	35.26%	4.105%
25	14.901	1961	1968	1975	rBV2	51796	96589	4.46%	0.519%
26	14.972	1978	1980	1985	rVB4	2328	3034	0.14%	0.016%
27	15.107	2000	2003	2006	rBV3	1694	2248	0.10%	0.012%
28	15.277	2028	2032	2034	rBV3	1491	2238	0.10%	0.012%
29	15.559	2077	2080	2083	rVB3	2849	3968	0.18%	0.021%
30	15.612	2086	2089	2092	rVV3	1835	2240	0.10%	0.012%
31	15.659	2092	2097	2099	rVV2	1401	2341	0.11%	0.013%
32	15.712	2099	2106	2114	rVV	909213	1387913	64.07%	7.458%
33	15.818	2117	2124	2137	rVV	365006	554617	25.60%	2.980%
34	15.953	2141	2147	2155	rVB4	10869	20707	0.96%	0.111%

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35	16.053	2161	2164	2167	rBV5	2091	2959	0.14%	0.016%
36	16.247	2193	2197	2199	rVV3	1760	2522	0.12%	0.014%
37	16.382	2219	2220	2224	rBV2	1669	2285	0.11%	0.012%
38	16.458	2229	2233	2236	rVV4	13762	20847	0.96%	0.112%
39	16.493	2236	2239	2244	rVV6	5406	8111	0.37%	0.044%
40	16.587	2252	2255	2258	rBV3	1718	2509	0.12%	0.013%
41	16.705	2270	2275	2278	rBV5	3977	4954	0.23%	0.027%
42	16.828	2293	2296	2298	rBV	2281	2349	0.11%	0.013%
43	16.899	2307	2308	2311	rBV2	2827	2601	0.12%	0.014%
44	16.946	2311	2316	2325	rVB7	2660	6348	0.29%	0.034%
45	17.005	2325	2326	2331	rBV3	1992	2601	0.12%	0.014%
46	17.040	2331	2332	2335	rBV3	1919	2200	0.10%	0.012%
47	17.122	2341	2346	2349	rBV2	15876	27465	1.27%	0.148%
48	17.245	2364	2367	2368	rBV4	4192	3479	0.16%	0.019%
49	17.469	2397	2405	2411	rBV	655573	1014251	46.82%	5.450%
50	17.563	2414	2421	2429	rVV2	1097292	1686712	77.86%	9.063%
51	17.645	2433	2435	2438	rVV3	2576	3361	0.16%	0.018%
52	17.933	2478	2484	2486	rBV5	2008	3934	0.18%	0.021%
53	18.068	2505	2507	2510	rBV2	1925	2296	0.11%	0.012%
54	18.127	2515	2517	2518	rVV	3693	2645	0.12%	0.014%
55	18.144	2518	2520	2522	rVB3	3274	2659	0.12%	0.014%
56	18.180	2522	2526	2527	rBV4	2748	3708	0.17%	0.020%
57	18.250	2536	2538	2542	rBV3	2402	2673	0.12%	0.014%
58	18.344	2549	2554	2565	rBV2	87764	158239	7.30%	0.850%
59	18.426	2565	2568	2572	rVB4	7378	10709	0.49%	0.058%
60	18.497	2577	2580	2582	rVB3	2451	2941	0.14%	0.016%
61	18.550	2587	2589	2591	rVB3	3235	2858	0.13%	0.015%
62	18.761	2620	2625	2631	rVB8	4215	8590	0.40%	0.046%
63	18.808	2631	2633	2634	rBV2	3513	2337	0.11%	0.013%
64	19.020	2666	2669	2670	rBV3	2277	2752	0.13%	0.015%
65	19.143	2686	2690	2692	rBV4	5504	5558	0.26%	0.030%
66	19.337	2720	2723	2724	rBV3	3102	2417	0.11%	0.013%
67	19.484	2743	2748	2753	rBV	17391	31711	1.46%	0.170%
68	19.560	2758	2761	2763	rBV4	3639	2733	0.13%	0.015%
69	19.607	2765	2769	2777	rBV5	37121	63015	2.91%	0.339%
70	19.695	2782	2784	2787	rVB4	2417	2680	0.12%	0.014%
71	19.731	2787	2790	2797	rBV	15313	25832	1.19%	0.139%

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72	19.842	2803	2809	2820	rVB	1480398	2166373	100.00%	11.641%
73	20.336	2889	2893	2895	rBV5	6984	10517	0.49%	0.057%
74	20.594	2936	2937	2940	rBV3	4488	4573	0.21%	0.025%
75	21.364	3064	3068	3074	rBV2	129239	206137	9.52%	1.108%
76	21.734	3125	3131	3140	rVB2	749520	1220561	56.34%	6.559%
77	21.928	3161	3164	3168	rBV6	9257	12901	0.60%	0.069%
78	22.516	3262	3264	3265	rBV2	6632	5933	0.27%	0.032%
79	22.621	3280	3282	3283	rBV2	7235	4144	0.19%	0.022%
80	23.244	3384	3388	3394	rBV5	21745	35123	1.62%	0.189%
81	23.638	3453	3455	3456	rBV2	6306	5133	0.24%	0.028%
82	24.061	3522	3527	3535	rVB5	30349	54725	2.53%	0.294%
83	24.778	3638	3649	3661	rVB	745600	2089730	96.46%	11.229%
84	25.001	3677	3687	3701	rVB2	420049	1284049	59.27%	6.900%
85	25.236	3725	3727	3731	rVB4	6235	5351	0.25%	0.029%
86	26.176	3881	3887	3895	rVB6	33634	86408	3.99%	0.464%
87	26.294	3905	3907	3910	rBV4	7927	8758	0.40%	0.047%
88	27.551	4117	4121	4123	rBV5	21987	34976	1.61%	0.188%
89	27.757	4154	4156	4157	rVB2	6859	4261	0.20%	0.023%
90	27.774	4157	4159	4161	rBV3	8308	6926	0.32%	0.037%
91	28.397	4262	4265	4266	rBV3	7061	8501	0.39%	0.046%
92	28.491	4279	4281	4283	rVB2	5482	2672	0.12%	0.014%
93	29.202	4398	4402	4403	rBV4	12951	13765	0.64%	0.074%
94	29.684	4481	4484	4486	rBV3	7166	10318	0.48%	0.055%
95	30.025	4540	4542	4543	rBV2	5908	5005	0.23%	0.027%
96	31.552	4800	4802	4806	rVB5	7910	9304	0.43%	0.050%
97	31.623	4813	4814	4815	rBV	7156	2871	0.13%	0.015%

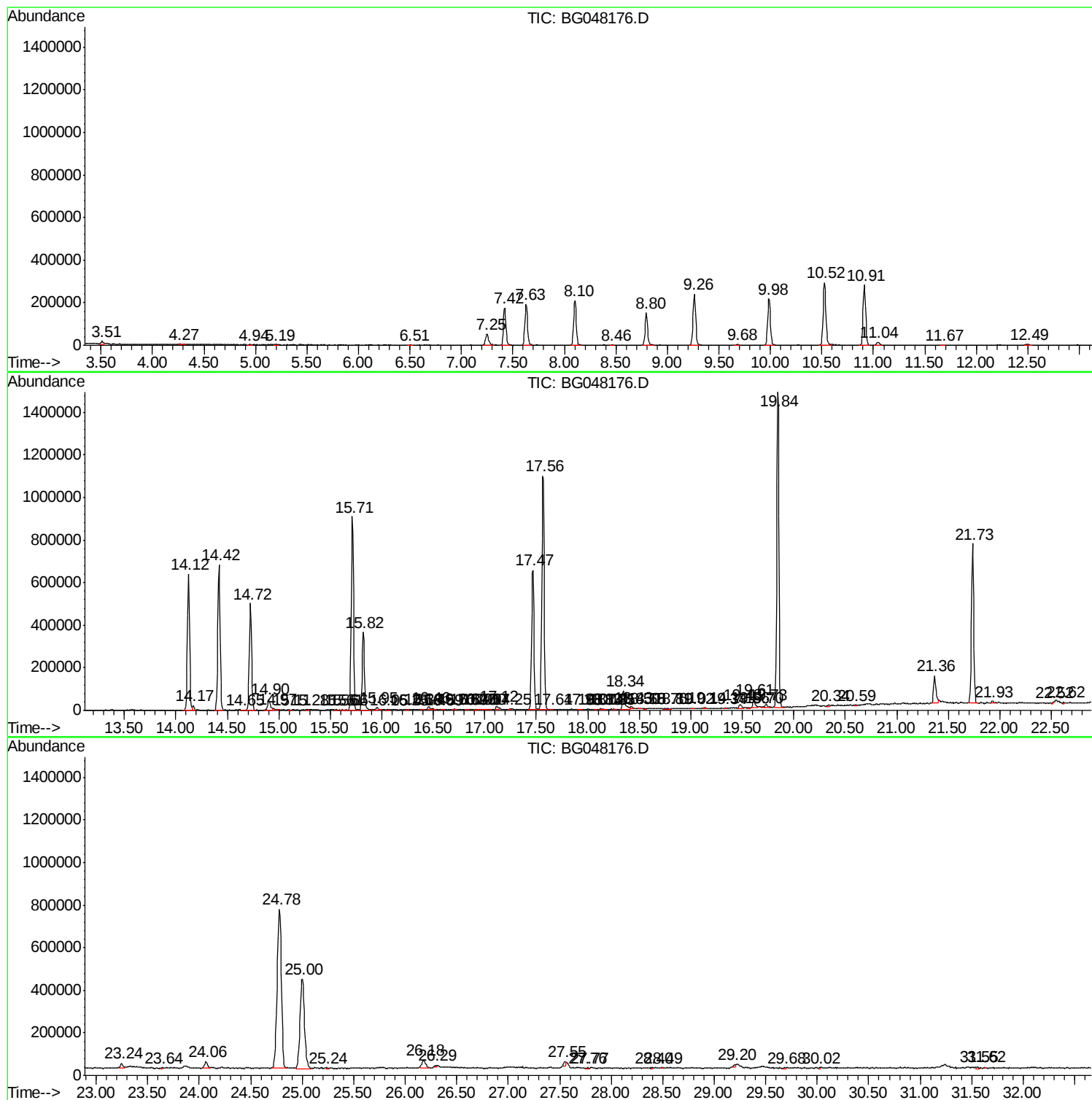
Sum of corrected areas: 18610213

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



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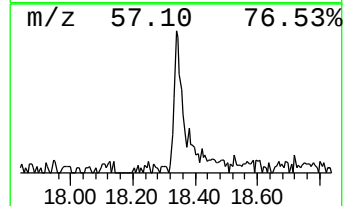
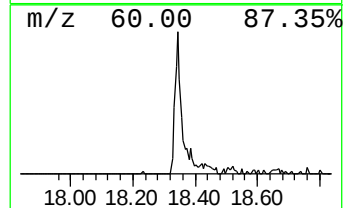
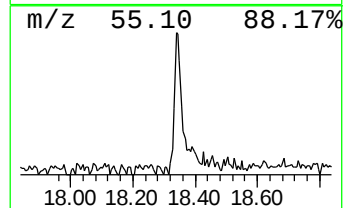
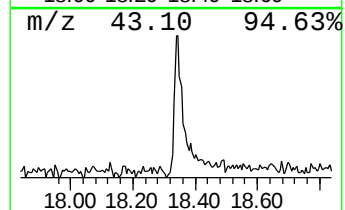
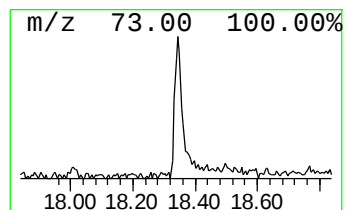
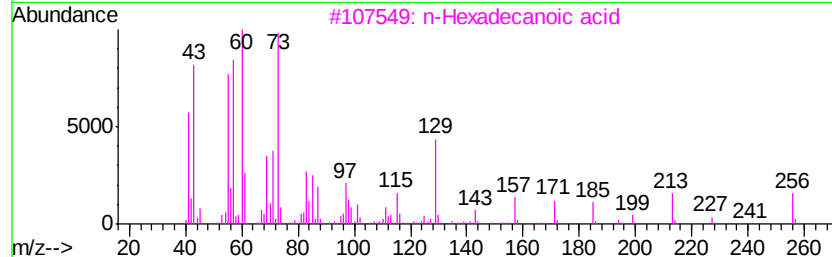
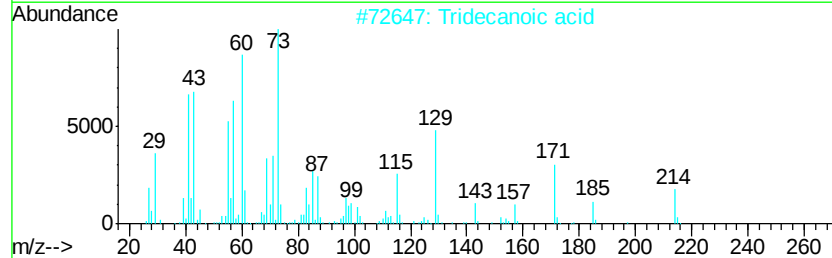
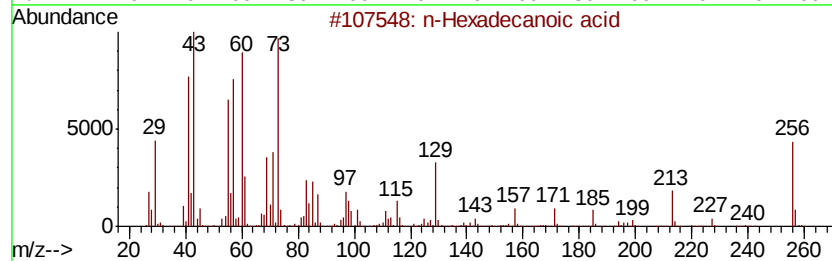
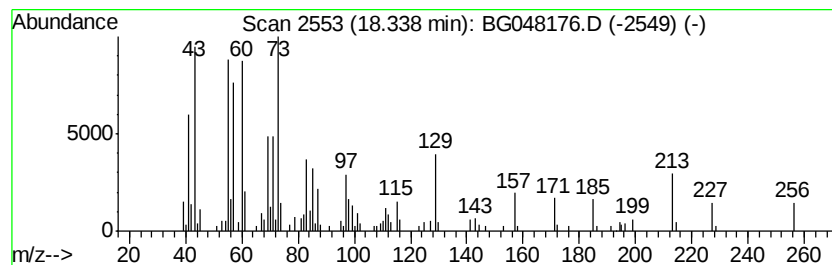
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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.	
18.34	3.12 ng/ul	158239	Phenanthrene-d10		17.47	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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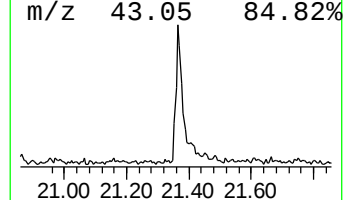
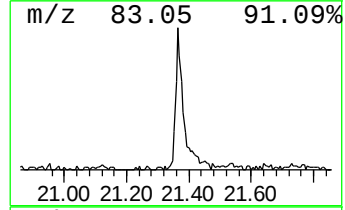
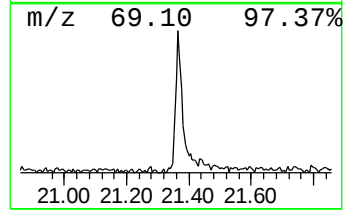
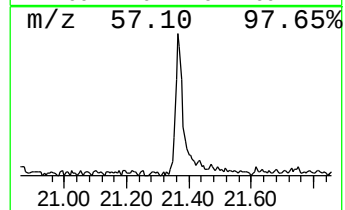
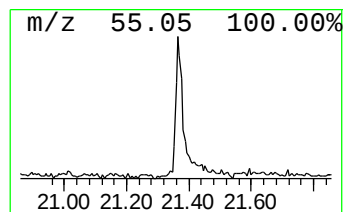
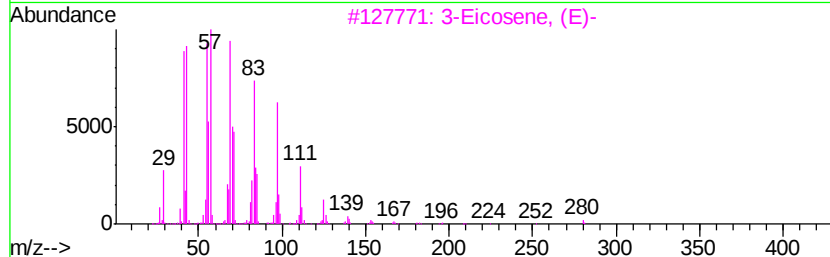
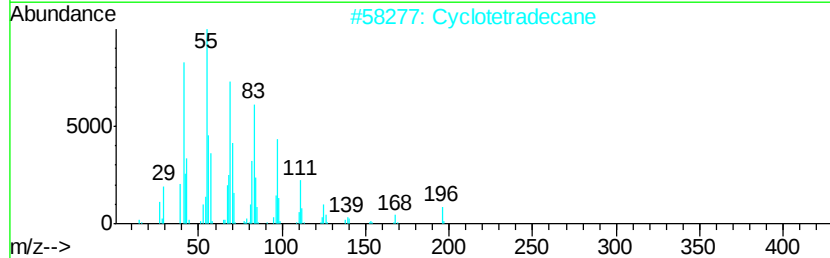
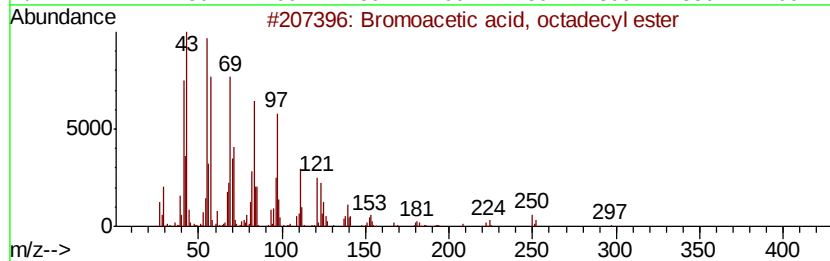
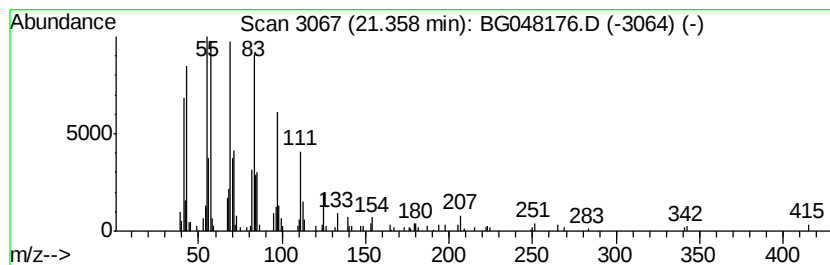
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Bromoacetic acid, octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.38 ng/ul	206137	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2		Cyclotetradecane	196	C14H28	000295-17-0	86
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	81
4		Cyclotetradecane	196	C14H28	000295-17-0	80
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.34	3.1	ng/ul	158239	4	17.47	1014250	20.0
Bromoacetic acid,...	21.36	3.4	ng/ul	206137	5	21.73	1220560	20.0