

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027476.D
 Acq On : 16 Jun 2017 18:06
 Operator : SJ/MA
 Sample : I3646-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AD0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	4.075	27	32	42	rVB3	8544	17629	1.18%	0.117%
2	6.613	461	464	475	rBV5	1663	3877	0.26%	0.026%
3	6.743	478	486	491	rVB3	1191	2268	0.15%	0.015%
4	7.459	603	608	613	rBV2	1341	2295	0.15%	0.015%
5	7.653	629	641	655	rBV	149201	285311	19.18%	1.897%
6	7.835	662	672	685	rBV	124870	231472	15.56%	1.539%
7	8.053	702	709	719	rVB	147444	262296	17.63%	1.744%
8	8.523	780	789	800	rVB	150799	270386	18.17%	1.798%
9	9.193	895	903	914	rBV	185502	333811	22.44%	2.220%
10	9.680	978	986	995	rBV	138050	265571	17.85%	1.766%
11	9.815	1005	1009	1014	rVB2	2389	3229	0.22%	0.021%
12	10.409	1101	1110	1119	rBV	109934	213408	14.34%	1.419%
13	10.944	1191	1201	1214	rVB	172900	323001	21.71%	2.148%
14	11.337	1260	1268	1280	rVB	225169	428481	28.80%	2.849%
15	11.461	1280	1289	1304	rBV	171181	343955	23.12%	2.287%
16	12.771	1505	1512	1517	rVB2	1627	2750	0.18%	0.018%
17	12.888	1526	1532	1537	rBV4	2582	4465	0.30%	0.030%
18	13.464	1623	1630	1634	rBV3	3075	4476	0.30%	0.030%
19	13.699	1665	1670	1675	rVV3	5127	8697	0.58%	0.058%
20	13.752	1675	1679	1688	rVV3	1250	2425	0.16%	0.016%
21	13.969	1712	1716	1723	rVB4	1695	3096	0.21%	0.021%
22	14.492	1796	1805	1809	rBV	413536	637426	42.84%	4.239%
23	14.539	1809	1813	1824	rVB	188399	276713	18.60%	1.840%
24	14.804	1849	1858	1866	rBV	403815	671096	45.11%	4.463%
25	14.962	1880	1885	1891	rVB3	5447	7621	0.51%	0.051%
26	15.103	1901	1909	1921	rVB2	360024	625840	42.06%	4.162%
27	15.268	1928	1937	1954	rBV	167941	312296	20.99%	2.077%
28	15.485	1966	1974	1975	rBV6	1565	3932	0.26%	0.026%
29	15.573	1986	1989	1995	rBV2	1506	2477	0.17%	0.016%
30	15.861	2030	2038	2041	rBV4	3445	8535	0.57%	0.057%
31	15.902	2041	2045	2051	rVB2	12636	18473	1.24%	0.123%
32	15.973	2051	2057	2059	rVB5	1635	2893	0.19%	0.019%
33	16.090	2070	2077	2088	rVB	591501	952133	63.99%	6.332%
34	16.190	2088	2094	2103	rBV	198521	304881	20.49%	2.028%

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35	16.325	2106	2117	2124	rBV7	6204	19020	1.28%	0.126%
36	16.461	2135	2140	2144	rVB3	2324	3351	0.23%	0.022%
37	16.525	2147	2151	2158	rVB3	3077	4746	0.32%	0.032%
38	16.584	2158	2161	2166	rBV4	1243	2088	0.14%	0.014%
39	16.766	2187	2192	2202	rVV2	18513	34713	2.33%	0.231%
40	16.843	2202	2205	2209	rVV4	2019	3441	0.23%	0.023%
41	16.872	2209	2210	2219	rVV6	1355	3286	0.22%	0.022%
42	16.960	2219	2225	2229	rVB6	2001	4610	0.31%	0.031%
43	17.048	2234	2240	2242	rBV4	1594	2515	0.17%	0.017%
44	17.113	2246	2251	2257	rBV4	3361	7030	0.47%	0.047%
45	17.207	2262	2267	2276	rVB7	4769	11881	0.80%	0.079%
46	17.271	2276	2278	2282	rBV4	2414	3116	0.21%	0.021%
47	17.348	2286	2291	2295	rBV5	1442	2216	0.15%	0.015%
48	17.559	2323	2327	2332	rBV2	16859	22900	1.54%	0.152%
49	17.636	2332	2340	2346	rVB7	4763	12910	0.87%	0.086%
50	17.736	2349	2357	2359	rBV8	1353	2754	0.19%	0.018%
51	17.853	2370	2377	2387	rBV	528289	874555	58.78%	5.816%
52	17.953	2387	2394	2406	rVV2	704672	1167410	78.46%	7.764%
53	18.029	2406	2407	2414	rVB5	2344	3345	0.22%	0.022%
54	18.100	2414	2419	2423	rBV4	3532	4754	0.32%	0.032%
55	18.217	2438	2439	2446	rVB5	1382	2428	0.16%	0.016%
56	18.306	2449	2454	2459	rBV3	8524	12955	0.87%	0.086%
57	18.417	2471	2473	2478	rVB4	1448	2072	0.14%	0.014%
58	18.476	2478	2483	2488	rBV3	6279	9639	0.65%	0.064%
59	18.582	2492	2501	2510	rBV7	7087	16147	1.09%	0.107%
60	18.693	2514	2520	2531	rBV	109437	194212	13.05%	1.292%
61	18.899	2553	2555	2559	rBV4	1736	2610	0.18%	0.017%
62	18.981	2565	2569	2575	rVV4	3634	5293	0.36%	0.035%
63	19.046	2579	2580	2587	rVB6	2210	4115	0.28%	0.027%
64	19.110	2587	2591	2595	rVB6	4835	4954	0.33%	0.033%
65	19.175	2599	2602	2609	rBV6	2076	3409	0.23%	0.023%
66	19.363	2628	2634	2637	rBV4	1799	3279	0.22%	0.022%
67	19.604	2671	2675	2683	rVV8	3089	7389	0.50%	0.049%
68	19.663	2683	2685	2688	rVB3	2361	2216	0.15%	0.015%
69	19.698	2688	2691	2694	rBV3	1407	1944	0.13%	0.013%
70	19.857	2704	2718	2725	rBV5	13459	41870	2.81%	0.278%
71	19.951	2729	2734	2752	rBV2	52703	112926	7.59%	0.751%

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72	20.115	2756	2762	2770	rVB	9136	14831	1.00%	0.099%
73	20.227	2771	2781	2791	rBV	951532	1487844	100.00%	9.894%
74	20.585	2836	2842	2844	rBV6	2196	4007	0.27%	0.027%
75	20.714	2860	2864	2868	rVB6	2102	3143	0.21%	0.021%
76	20.756	2868	2871	2873	rBV3	2650	2384	0.16%	0.016%
77	21.126	2931	2934	2936	rVB4	2682	2117	0.14%	0.014%
78	21.232	2948	2952	2955	rVB4	5474	6986	0.47%	0.046%
79	21.267	2956	2958	2962	rVB5	3653	4130	0.28%	0.027%
80	21.555	3002	3007	3009	rVB6	2426	3946	0.27%	0.026%
81	21.590	3009	3013	3019	rBV9	4151	9454	0.64%	0.063%
82	21.790	3043	3047	3049	rBV5	5285	6917	0.46%	0.046%
83	22.066	3091	3094	3099	rVB6	3170	3890	0.26%	0.026%
84	22.230	3113	3122	3131	rBV	571359	1061147	71.32%	7.057%
85	22.371	3140	3146	3161	rVB	10338	40091	2.69%	0.267%
86	23.076	3262	3266	3273	rVB8	6556	10946	0.74%	0.073%
87	23.511	3334	3340	3348	rBV8	14530	25767	1.73%	0.171%
88	23.599	3353	3355	3357	rBV3	3612	2788	0.19%	0.019%
89	23.858	3392	3399	3407	rBV6	13594	31293	2.10%	0.208%
90	24.093	3430	3439	3446	rVB2	38784	87044	5.85%	0.579%
91	24.639	3530	3532	3535	rBV3	2931	2599	0.17%	0.017%
92	24.780	3550	3556	3564	rVB3	16412	36465	2.45%	0.243%
93	25.632	3687	3701	3720	rBV2	417741	1366048	91.81%	9.085%
94	25.767	3722	3724	3725	rBV	3460	2540	0.17%	0.017%
95	25.885	3731	3744	3763	rVB2	327419	1109384	74.56%	7.378%
96	27.172	3952	3963	3974	rBV2	26940	84048	5.65%	0.559%
97	27.277	3978	3981	3982	rBV2	3973	3610	0.24%	0.024%
98	28.029	4107	4109	4113	rBV4	3298	4277	0.29%	0.028%
99	28.734	4217	4229	4244	rVB5	24510	91055	6.12%	0.606%
100	30.626	4539	4551	4563	rVB5	17410	73048	4.91%	0.486%

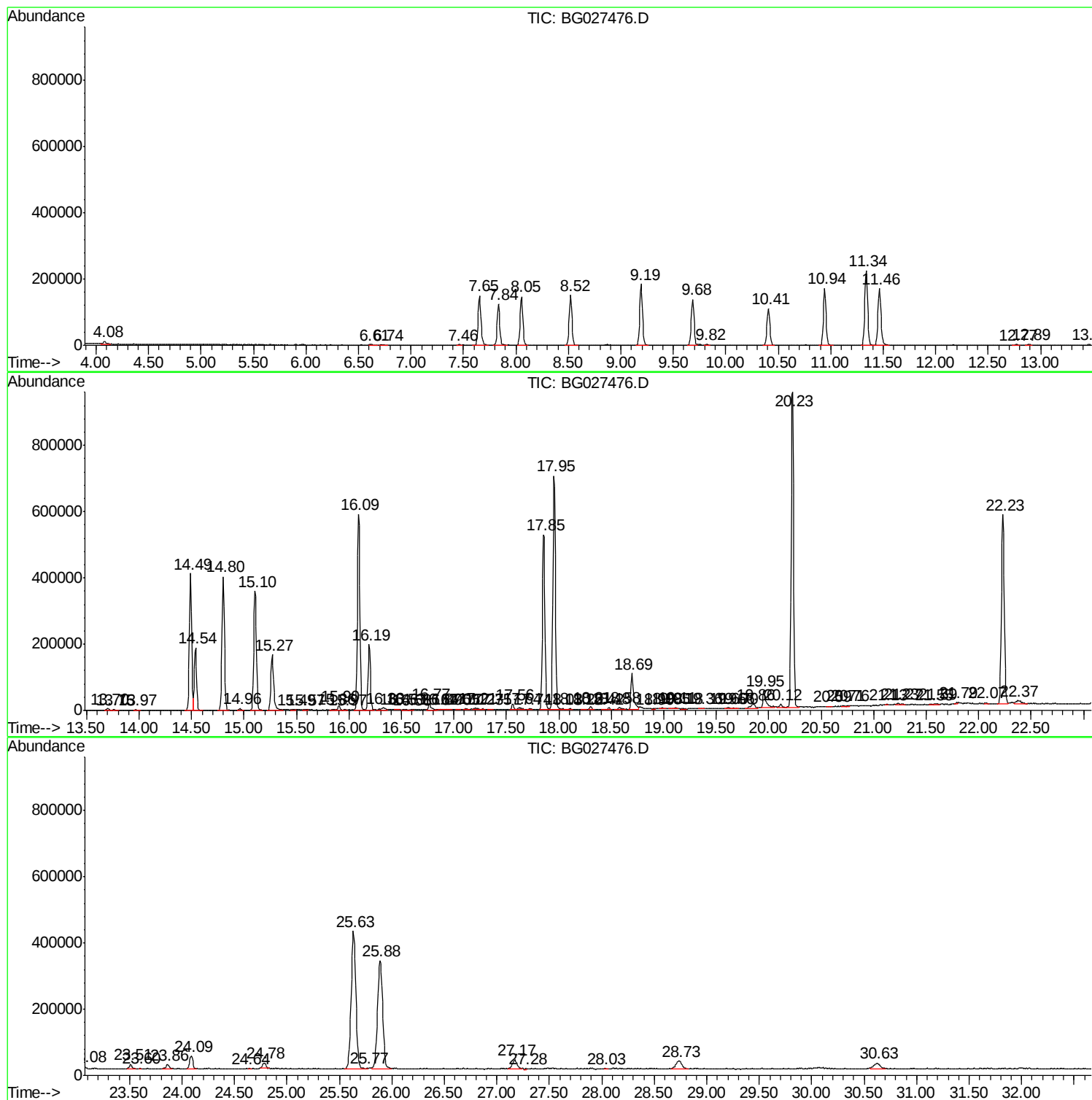
Sum of corrected areas: 15037113

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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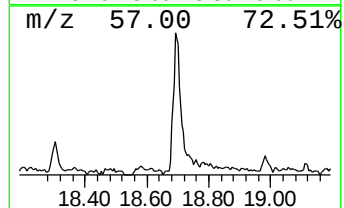
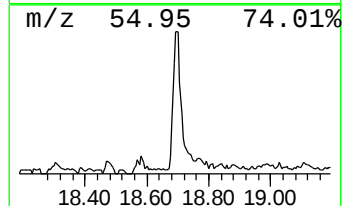
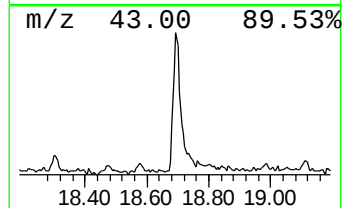
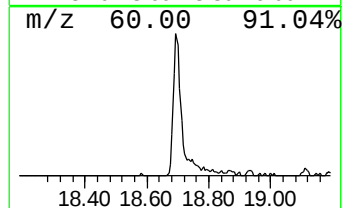
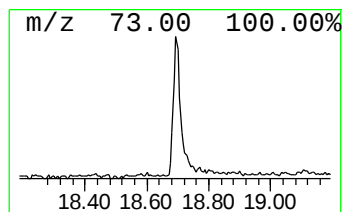
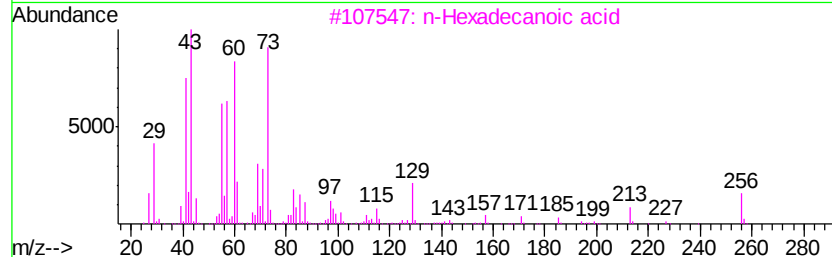
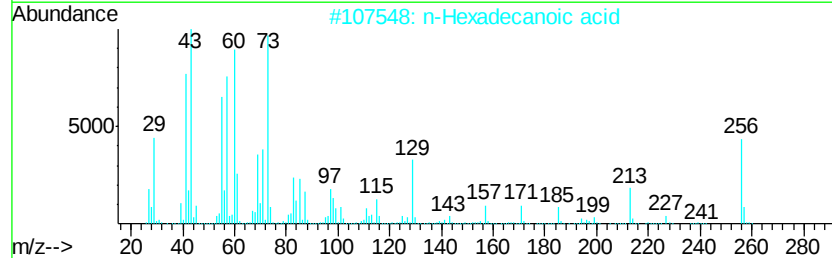
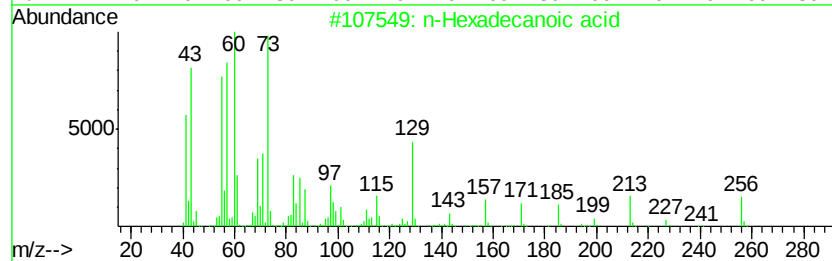
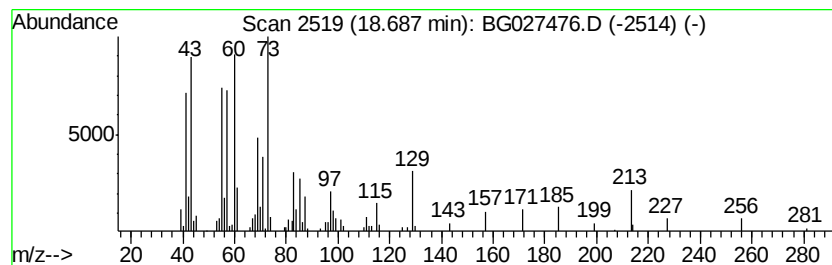
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	4.44 ng/ul	194212	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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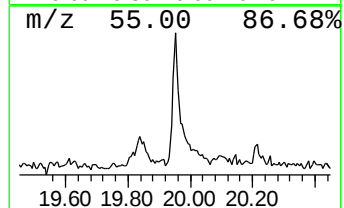
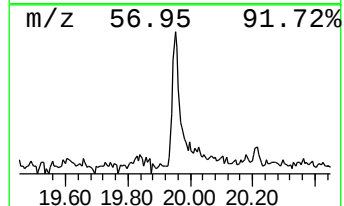
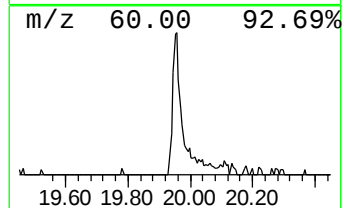
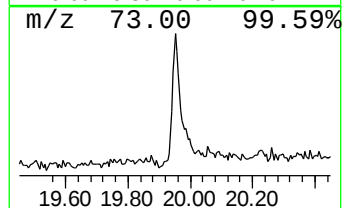
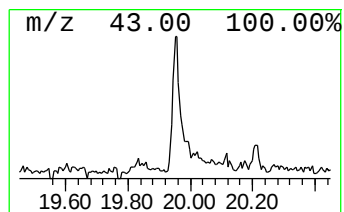
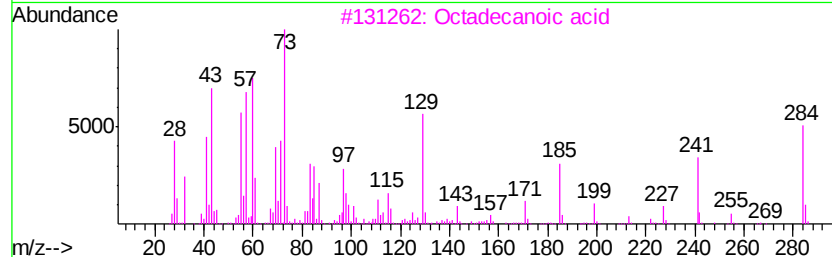
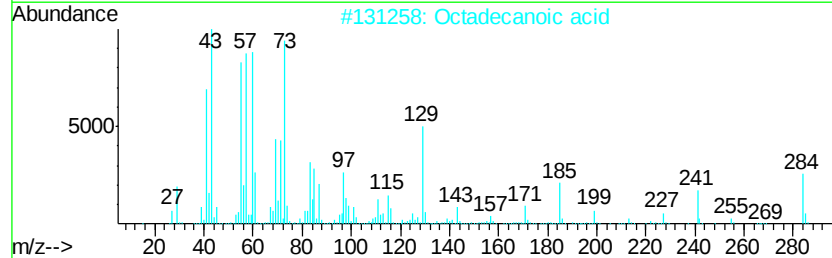
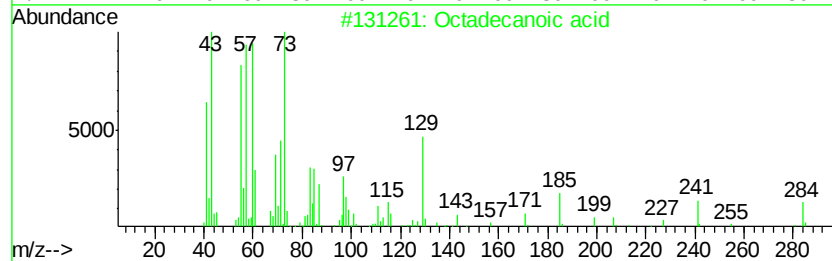
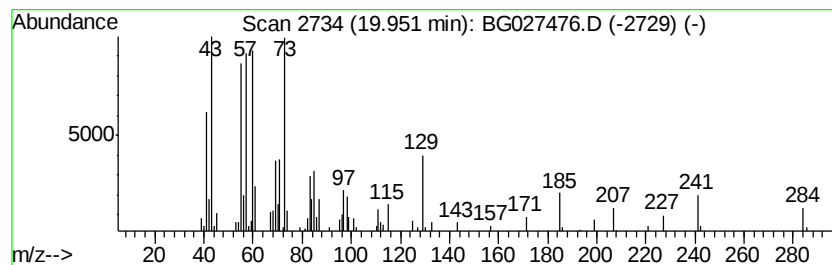
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.58 ng/ul	112926	Phenanthrene-d10	17.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	97
5			Octadecanoic acid	284	C18H36O2	000057-11-4	96



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.69	4.4	ng/ul	194212	4	17.85	874555	20.0
Octadecanoic acid	19.95	2.6	ng/ul	112926	4	17.85	874555	20.0