

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026788.D
 Acq On : 1 May 2017 00:52
 Operator : SJ/MA
 Sample : I2846-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT85

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-BG042717.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	3.424	53	57	65	rVB	37659	60843	1.52%	0.120%
2	4.182	180	186	191	rBV8	8699	16289	0.41%	0.032%
3	4.881	300	305	308	rBV4	4177	7139	0.18%	0.014%
4	5.310	376	378	384	rBV3	2761	6173	0.15%	0.012%
5	6.197	523	529	530	rBV3	4585	7423	0.19%	0.015%
6	7.067	674	677	681	rBV6	4173	6865	0.17%	0.014%
7	7.184	689	697	715	rBV	610543	1149617	28.68%	2.266%
8	7.331	715	722	733	rVB	575438	946506	23.61%	1.866%
9	7.549	752	759	769	rBV	648298	1151269	28.72%	2.269%
10	8.007	828	837	845	rBV	534927	912378	22.76%	1.799%
11	8.066	845	847	852	rVB5	6912	10056	0.25%	0.020%
12	8.324	885	891	898	rVB10	4962	12792	0.32%	0.025%
13	8.724	948	959	985	rVV	844357	1616127	40.32%	3.186%
14	9.164	1027	1034	1046	rBV	644331	1155765	28.83%	2.278%
15	9.317	1054	1060	1076	rVV6	25169	74422	1.86%	0.147%
16	9.587	1102	1106	1110	rVB4	8078	9509	0.24%	0.019%
17	9.887	1150	1157	1168	rBV	554929	999863	24.94%	1.971%
18	10.193	1204	1209	1215	rVB6	3375	8979	0.22%	0.018%
19	10.439	1242	1251	1270	rBV	819468	1576306	39.33%	3.107%
20	10.809	1302	1314	1325	rBV	876546	1588506	39.63%	3.131%
21	10.939	1329	1336	1358	rBV	878407	1689779	42.16%	3.331%
22	11.667	1456	1460	1468	rVB7	2686	6744	0.17%	0.013%
23	12.396	1576	1584	1593	rBV	16025	33540	0.84%	0.066%
24	13.230	1719	1726	1735	rVB6	12139	18189	0.45%	0.036%
25	13.436	1756	1761	1768	rVB6	6088	12490	0.31%	0.025%
26	13.524	1768	1776	1782	rBV7	10009	23067	0.58%	0.045%
27	13.577	1782	1785	1793	rVB5	3144	6867	0.17%	0.014%
28	13.829	1822	1828	1841	rBV	58682	99458	2.48%	0.196%
29	14.023	1853	1861	1865	rVV	1642338	2430181	60.63%	4.791%
30	14.064	1865	1868	1878	rVV	471402	682879	17.04%	1.346%
31	14.141	1878	1881	1889	rVV8	6208	12152	0.30%	0.024%
32	14.317	1901	1911	1923	rBV	1959168	3208025	80.03%	6.324%
33	14.511	1938	1944	1948	rVB	27715	37727	0.94%	0.074%
34	14.617	1952	1962	1975	rBV2	1394044	2243024	55.96%	4.422%

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35	14.723	1975	1980	1983	rVB7	3884	6289	0.16%	0.012%
36	14.834	1991	1999	2026	rVV	406404	1053940	26.29%	2.078%
37	15.122	2043	2048	2054	rVB7	10552	21749	0.54%	0.043%
38	15.193	2054	2060	2065	rBV8	8409	15906	0.40%	0.031%
39	15.404	2090	2096	2101	rBV	31132	44010	1.10%	0.087%
40	15.451	2101	2104	2110	rVB	67106	82450	2.06%	0.163%
41	15.516	2110	2115	2118	rBV6	5918	8270	0.21%	0.016%
42	15.610	2124	2131	2141	rVB	2523236	3877029	96.72%	7.643%
43	15.727	2143	2151	2166	rBV	697910	1066564	26.61%	2.103%
44	15.851	2166	2172	2178	rVV5	52552	104289	2.60%	0.206%
45	15.903	2178	2181	2186	rVB6	7722	10779	0.27%	0.021%
46	15.950	2186	2189	2195	rBV7	10661	17876	0.45%	0.035%
47	16.009	2195	2199	2206	rVV6	11444	18064	0.45%	0.036%
48	16.068	2206	2209	2218	rVB6	10331	18101	0.45%	0.036%
49	16.168	2223	2226	2232	rBV8	4065	7777	0.19%	0.015%
50	16.309	2245	2250	2260	rBV	82759	143252	3.57%	0.282%
51	16.485	2275	2280	2285	rVB8	6986	12299	0.31%	0.024%
52	16.556	2289	2292	2301	rVB10	8738	18599	0.46%	0.037%
53	16.656	2304	2309	2312	rBV4	12737	20961	0.52%	0.041%
54	16.714	2316	2319	2322	rVB4	7401	6839	0.17%	0.013%
55	16.761	2322	2327	2333	rVB7	10699	17055	0.43%	0.034%
56	16.814	2333	2336	2340	rBV6	8650	12312	0.31%	0.024%
57	16.885	2344	2348	2351	rVB5	7660	7314	0.18%	0.014%
58	17.096	2379	2384	2389	rBV	54659	70876	1.77%	0.140%
59	17.149	2389	2393	2406	rVB3	27408	56790	1.42%	0.112%
60	17.261	2406	2412	2419	rVB7	22034	32160	0.80%	0.063%
61	17.355	2419	2428	2436	rBV2	1625241	2421410	60.41%	4.773%
62	17.455	2436	2445	2455	rVB2	2453130	3849935	96.05%	7.589%
63	17.631	2470	2475	2481	rBV7	8552	15482	0.39%	0.031%
64	17.760	2491	2497	2501	rBV6	7059	14035	0.35%	0.028%
65	17.837	2504	2510	2516	rBV2	38295	66178	1.65%	0.130%
66	18.001	2535	2538	2546	rVB9	7495	12898	0.32%	0.025%
67	18.119	2552	2558	2562	rBV8	7462	14059	0.35%	0.028%
68	18.236	2572	2578	2604	rBV2	311761	650368	16.23%	1.282%
69	18.524	2623	2627	2632	rVB3	19173	24486	0.61%	0.048%
70	18.653	2645	2649	2653	rVB6	20710	25704	0.64%	0.051%
71	18.777	2666	2670	2673	rVB6	4288	6868	0.17%	0.014%

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72	18.900	2687	2691	2696	rVB7	6969	11934	0.30%	0.024%
73	19.017	2705	2711	2715	rBV8	5496	11554	0.29%	0.023%
74	19.153	2731	2734	2739	rBV5	13711	20997	0.52%	0.041%
75	19.235	2741	2748	2750	rBV7	4841	12691	0.32%	0.025%
76	19.376	2766	2772	2780	rBV	45693	106372	2.65%	0.210%
77	19.499	2787	2793	2807	rBV2	136350	261133	6.51%	0.515%
78	19.623	2810	2814	2822	rVB2	26721	41281	1.03%	0.081%
79	19.734	2825	2833	2847	rBV	2732306	4008356	100.00%	7.902%
80	19.840	2847	2851	2858	rVB10	16036	29468	0.74%	0.058%
81	19.905	2858	2862	2868	rBV9	9899	24548	0.61%	0.048%
82	20.222	2912	2916	2918	rBV4	6406	10403	0.26%	0.021%
83	20.386	2940	2944	2950	rBV9	10197	17397	0.43%	0.034%
84	20.680	2992	2994	2999	rVB6	8033	12949	0.32%	0.026%
85	20.739	3000	3004	3008	rVV7	16808	23867	0.60%	0.047%
86	21.156	3073	3075	3079	rBV5	10152	14177	0.35%	0.028%
87	21.244	3086	3090	3094	rBV5	15059	22815	0.57%	0.045%
88	21.415	3109	3119	3122	rBV5	24711	75216	1.88%	0.148%
89	21.597	3143	3150	3164	rBV	1585877	2516611	62.78%	4.961%
90	21.732	3170	3173	3176	rBV5	15313	19609	0.49%	0.039%
91	22.096	3232	3235	3241	rBV6	17926	27172	0.68%	0.054%
92	22.366	3277	3281	3285	rBV6	26702	47062	1.17%	0.093%
93	23.030	3387	3394	3410	rVB5	53464	156886	3.91%	0.309%
94	23.230	3423	3428	3437	rVB5	37973	74739	1.86%	0.147%
95	23.818	3523	3528	3536	rBV3	51090	98151	2.45%	0.193%
96	24.540	3639	3651	3666	rBV2	1429988	3998385	99.75%	7.882%
97	24.752	3676	3687	3706	rVB2	1009024	2795669	69.75%	5.511%
98	25.839	3864	3872	3881	rBV5	73900	217424	5.42%	0.429%
99	27.155	4087	4096	4106	rVB3	65203	206354	5.15%	0.407%
100	28.753	4358	4368	4382	rVB8	49442	191005	4.77%	0.377%

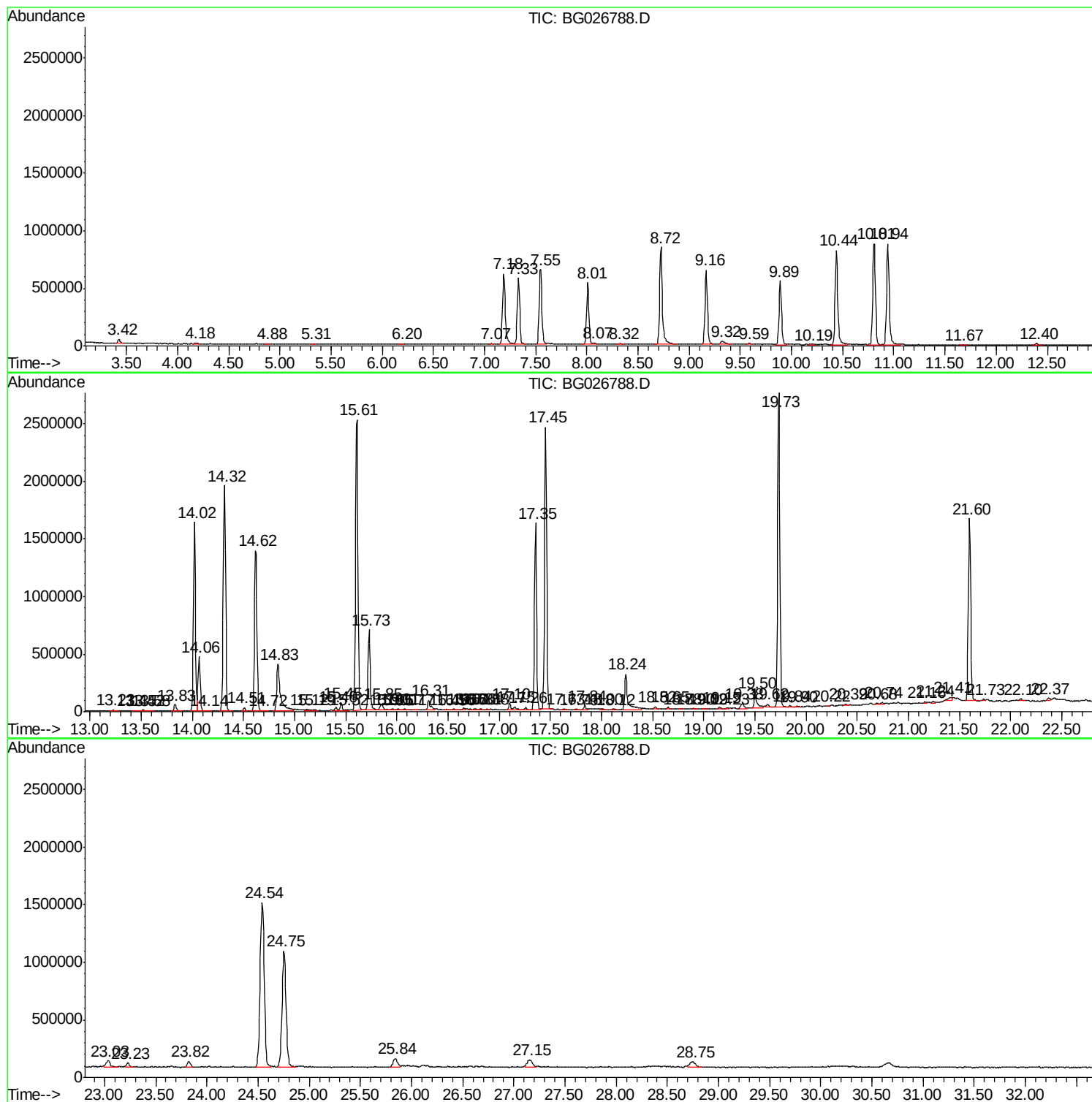
Sum of corrected areas: 50728147

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



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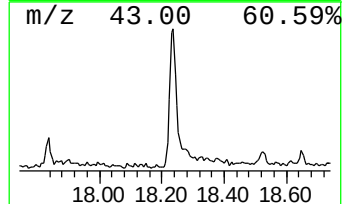
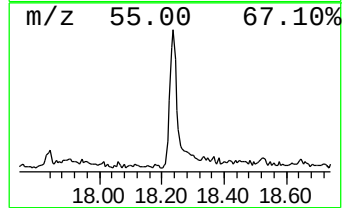
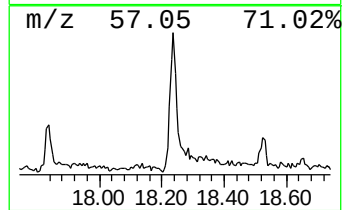
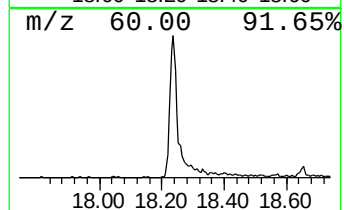
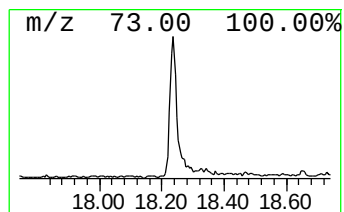
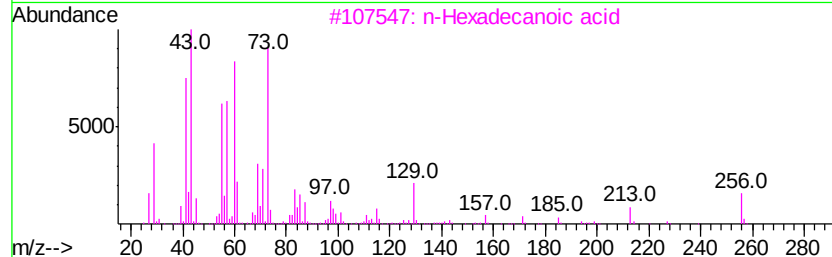
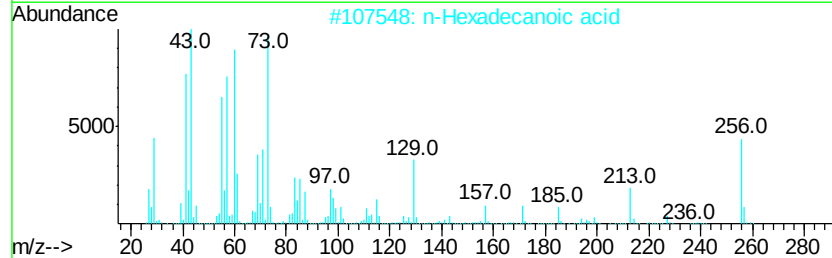
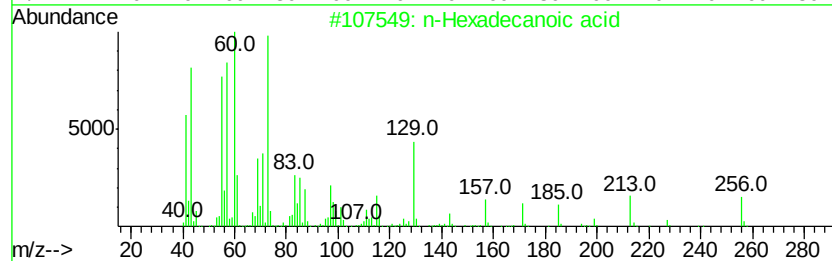
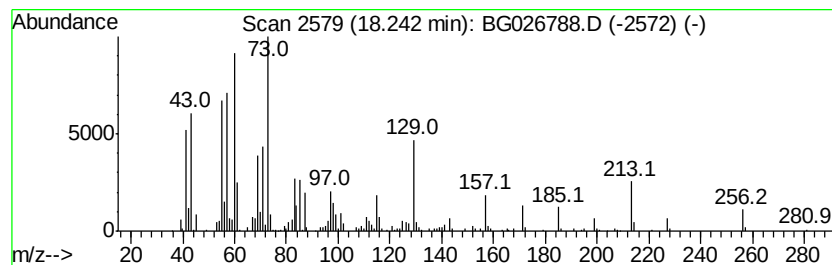
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.		
18.24	5.37 ng/ul	650368	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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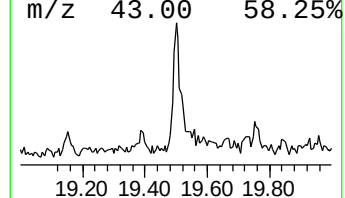
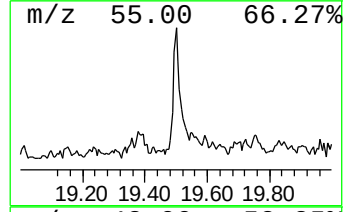
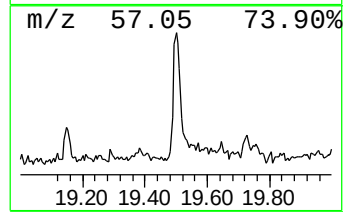
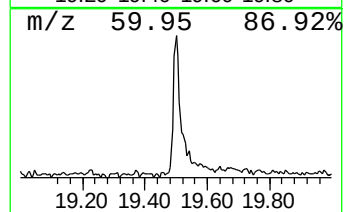
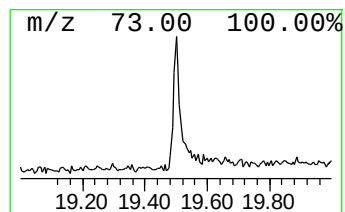
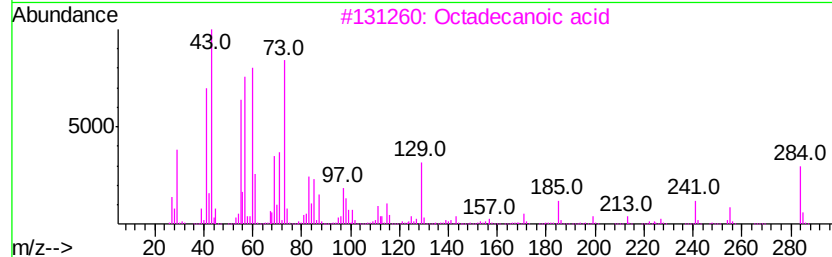
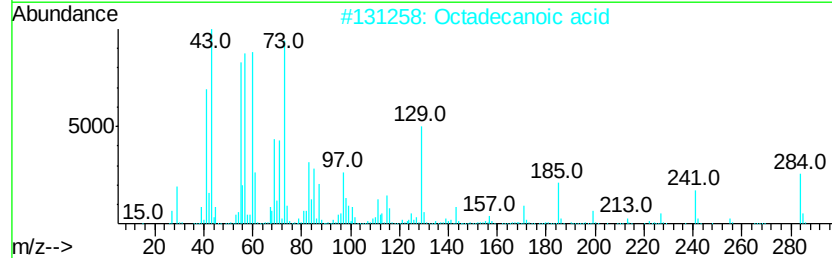
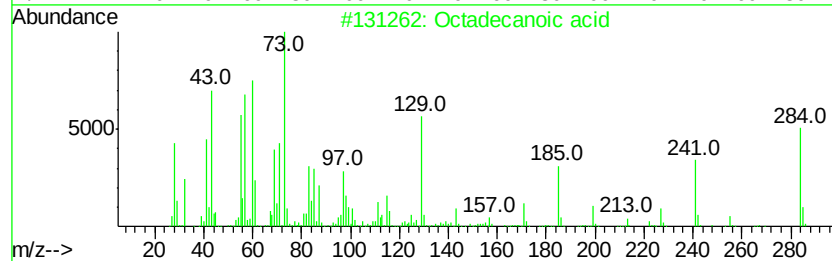
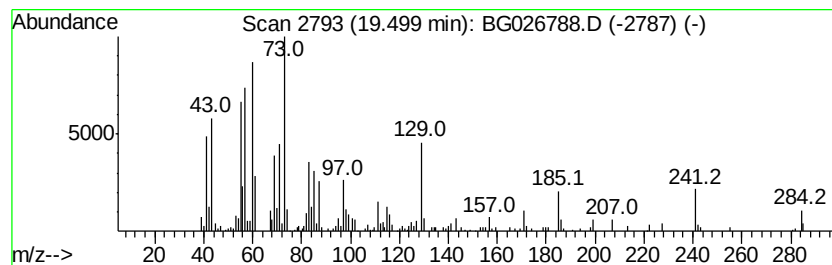
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.08 ng/ul	261133	Chrysene-d12	21.60
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 97
3	Octadecanoic acid	284	C18H36O2	000057-11-4 95
4	Octadecanoic acid	284	C18H36O2	000057-11-4 94
5	Octadecanoic acid	284	C18H36O2	000057-11-4 93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.24	5.4	ng/ul	650368	4	17.35	2421410	20.0
Octadecanoic acid	19.50	2.1	ng/ul	261133	5	21.60	2516610	20.0