

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026748.D
 Acq On : 28 Apr 2017 15:48
 Operator : SJ/MA
 Sample : I2816-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSP4

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	3.428	54	58	66	rBV2	37902	54690	1.29%	0.109%
2	3.869	129	133	138	rBV6	3143	7223	0.17%	0.014%
3	4.192	182	188	194	rBV2	12155	23724	0.56%	0.047%
4	4.568	247	252	254	rBV5	4186	5698	0.13%	0.011%
5	4.944	315	316	323	rVB4	2985	5412	0.13%	0.011%
6	5.467	401	405	409	rVB5	2822	5428	0.13%	0.011%
7	6.219	529	533	538	rBV7	5319	11563	0.27%	0.023%
8	6.583	588	595	597	rVB6	3310	6967	0.16%	0.014%
9	7.188	691	698	715	rBV	636200	1190211	27.98%	2.365%
10	7.329	715	722	734	rVV	584498	969261	22.78%	1.926%
11	7.417	734	737	743	rVB6	3910	6905	0.16%	0.014%
12	7.547	749	759	776	rBV	716576	1234797	29.02%	2.454%
13	8.011	829	838	846	rBV	499247	865238	20.34%	1.720%
14	8.728	950	960	980	rBV	833052	1593600	37.46%	3.167%
15	9.168	1022	1035	1046	rBV	645299	1170863	27.52%	2.327%
16	9.339	1058	1064	1068	rBV6	4730	8988	0.21%	0.018%
17	9.398	1073	1074	1079	rVB4	3814	5749	0.14%	0.011%
18	9.521	1088	1095	1098	rBV6	3535	7875	0.19%	0.016%
19	9.591	1101	1107	1112	rVB3	13579	21314	0.50%	0.042%
20	9.891	1149	1158	1172	rBV	561657	1011071	23.77%	2.009%
21	10.437	1242	1251	1273	rBV	855600	1648332	38.74%	3.276%
22	10.678	1289	1292	1299	rVB6	2665	6602	0.16%	0.013%
23	10.808	1305	1314	1329	rVV	852775	1494636	35.13%	2.970%
24	10.943	1329	1337	1362	rVV	858103	1633105	38.39%	3.246%
25	12.277	1563	1564	1573	rVB5	3246	6196	0.15%	0.012%
26	12.394	1577	1584	1593	rBV2	16792	31446	0.74%	0.062%
27	12.606	1614	1620	1624	rVB5	5227	8911	0.21%	0.018%
28	12.694	1628	1635	1638	rVB5	2909	5848	0.14%	0.012%
29	13.234	1720	1727	1734	rVB7	3388	6922	0.16%	0.014%
30	13.440	1754	1762	1771	rVB8	5497	10886	0.26%	0.022%
31	13.510	1771	1774	1781	rBV6	4073	8098	0.19%	0.016%
32	13.593	1784	1788	1795	rVB7	4868	7592	0.18%	0.015%
33	13.839	1824	1830	1837	rBV4	9114	19184	0.45%	0.038%
34	14.022	1853	1861	1866	rBV	1751134	2514524	59.10%	4.997%

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35	14.069	1866	1869	1877	rVB	329228	439379	10.33%	0.873%
36	14.139	1879	1881	1886	rVB6	4652	5508	0.13%	0.011%
37	14.315	1901	1911	1921	rBV	2145114	3292715	77.39%	6.544%
38	14.509	1935	1944	1950	rVB	34279	47053	1.11%	0.094%
39	14.621	1952	1963	1972	rBV2	1301646	2068744	48.63%	4.111%
40	14.838	1994	2000	2025	rBV	396227	1009893	23.74%	2.007%
41	15.061	2035	2038	2043	rVB6	8823	13813	0.32%	0.027%
42	15.120	2043	2048	2056	rVV7	13595	26569	0.62%	0.053%
43	15.191	2056	2060	2066	rVB6	11314	19383	0.46%	0.039%
44	15.355	2079	2088	2091	rBV8	5948	12837	0.30%	0.026%
45	15.408	2091	2097	2100	rVV	11233	18250	0.43%	0.036%
46	15.455	2100	2105	2110	rVV	86737	107075	2.52%	0.213%
47	15.514	2110	2115	2120	rVB5	7592	12548	0.29%	0.025%
48	15.608	2120	2131	2141	rBV	2701339	4066734	95.59%	8.082%
49	15.731	2145	2152	2165	rBV	644364	1025164	24.10%	2.037%
50	15.849	2165	2172	2178	rVV5	55526	116678	2.74%	0.232%
51	15.902	2178	2181	2186	rVV6	9385	12658	0.30%	0.025%
52	15.955	2186	2190	2194	rVB5	13278	19196	0.45%	0.038%
53	16.007	2194	2199	2205	rBV6	15331	23618	0.56%	0.047%
54	16.072	2205	2210	2214	rBV5	12600	18399	0.43%	0.037%
55	16.178	2223	2228	2230	rBV5	6582	9299	0.22%	0.018%
56	16.313	2246	2251	2267	rBV	98943	190642	4.48%	0.379%
57	16.483	2277	2280	2284	rBV6	6378	5981	0.14%	0.012%
58	16.560	2286	2293	2297	rBV8	7126	15472	0.36%	0.031%
59	16.654	2301	2309	2318	rBV7	16748	49692	1.17%	0.099%
60	16.718	2318	2320	2323	rVV4	8675	10098	0.24%	0.020%
61	16.765	2323	2328	2332	rVB8	10551	20304	0.48%	0.040%
62	16.818	2334	2337	2342	rBV5	10376	13903	0.33%	0.028%
63	16.889	2342	2349	2351	rVB8	7158	12658	0.30%	0.025%
64	17.100	2379	2385	2389	rBV	61518	81218	1.91%	0.161%
65	17.147	2389	2393	2400	rVB5	21433	39103	0.92%	0.078%
66	17.253	2407	2411	2421	rBV10	5671	13601	0.32%	0.027%
67	17.353	2421	2428	2439	rVV	1440552	2216939	52.11%	4.406%
68	17.453	2439	2445	2463	rVV	2705053	4067074	95.60%	8.083%
69	17.564	2463	2464	2470	rVB6	6469	7043	0.17%	0.014%
70	17.758	2489	2497	2502	rVB10	5528	14061	0.33%	0.028%
71	17.835	2504	2510	2520	rBV3	20130	32996	0.78%	0.066%

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72	18.111	2552	2557	2559	rBV5	4236	6560	0.15%	0.013%
73	18.234	2570	2578	2598	rBV2	238479	481099	11.31%	0.956%
74	18.434	2607	2612	2616	rBV8	5228	8128	0.19%	0.016%
75	18.528	2624	2628	2631	rBV5	8829	13804	0.32%	0.027%
76	18.651	2646	2649	2654	rBV7	6508	9711	0.23%	0.019%
77	18.904	2690	2692	2698	rVB7	8496	10056	0.24%	0.020%
78	18.957	2698	2701	2704	rBV5	7545	7819	0.18%	0.016%
79	19.233	2745	2748	2750	rBV4	5837	6046	0.14%	0.012%
80	19.292	2754	2758	2764	rBV8	7027	13609	0.32%	0.027%
81	19.374	2765	2772	2775	rBV	48680	90210	2.12%	0.179%
82	19.503	2788	2794	2808	rBV	174148	308634	7.25%	0.613%
83	19.621	2810	2814	2823	rVB2	30753	72260	1.70%	0.144%
84	19.732	2825	2833	2845	rBV	3006034	4244372	99.76%	8.435%
85	20.108	2894	2897	2900	rBV5	8970	8804	0.21%	0.017%
86	20.179	2906	2909	2913	rVB6	8476	10137	0.24%	0.020%
87	20.255	2919	2922	2926	rVB6	13039	13494	0.32%	0.027%
88	20.326	2930	2934	2935	rBV4	11831	12982	0.31%	0.026%
89	20.684	2992	2995	2999	rVB6	11751	16521	0.39%	0.033%
90	21.395	3104	3116	3126	rBV6	39928	230518	5.42%	0.458%
91	21.477	3127	3130	3137	rVB3	47814	68691	1.61%	0.137%
92	21.601	3143	3151	3167	rBV	1363270	2341273	55.03%	4.653%
93	22.100	3232	3236	3241	rVB3	63977	95539	2.25%	0.190%
94	23.828	3525	3530	3538	rVB6	46980	102538	2.41%	0.204%
95	24.544	3641	3652	3669	rVB2	1576400	4254443	100.00%	8.455%
96	24.756	3678	3688	3711	rVB2	876701	2544340	59.80%	5.057%
97	25.843	3867	3873	3883	rVB3	51554	138568	3.26%	0.275%
98	27.159	4090	4097	4109	rBV7	53772	171966	4.04%	0.342%
99	28.757	4360	4369	4381	rVB7	38755	153377	3.61%	0.305%
100	31.395	4808	4818	4820	rBV7	41586	115933	2.72%	0.230%

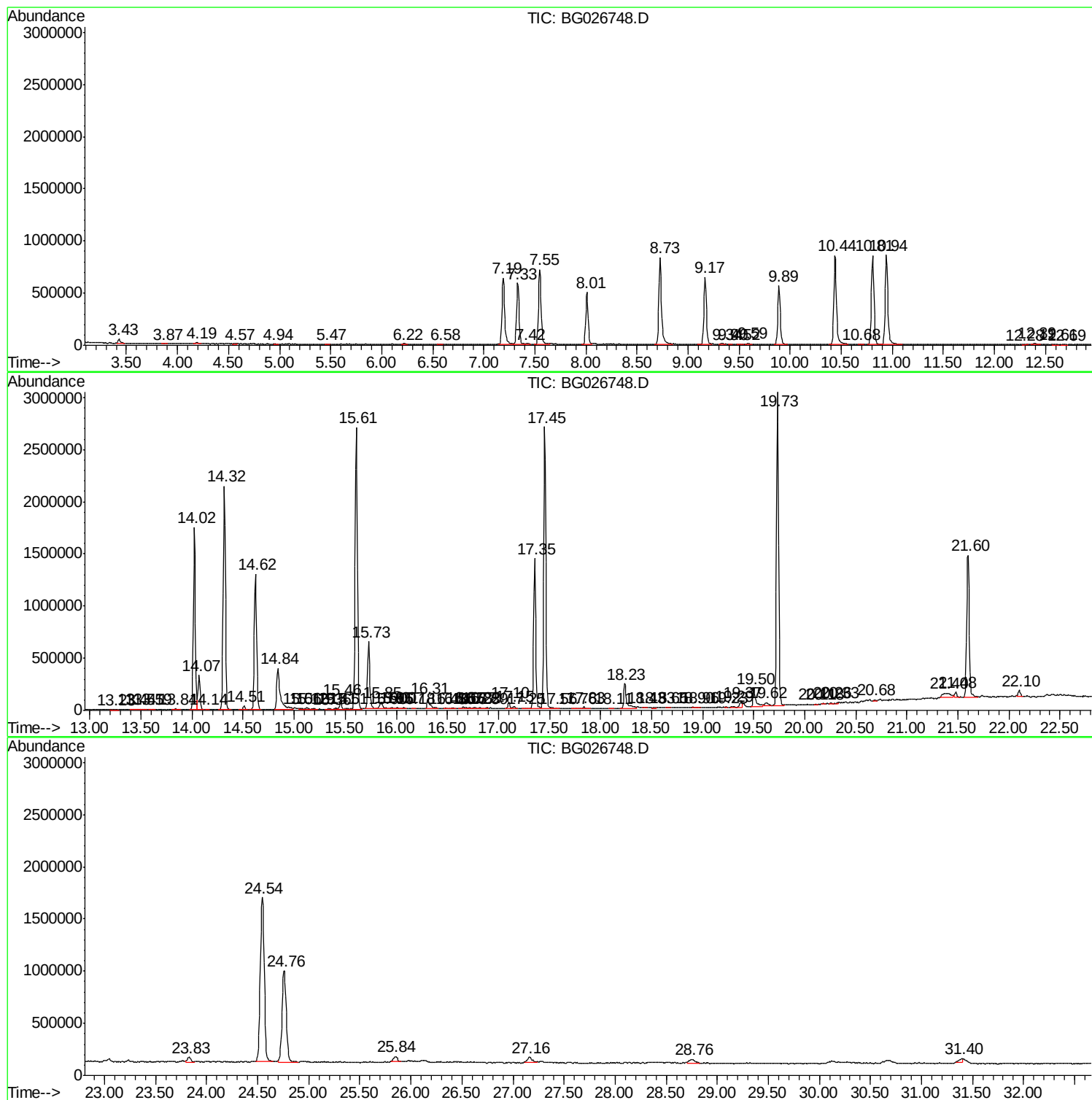
Sum of corrected areas: 50316589

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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



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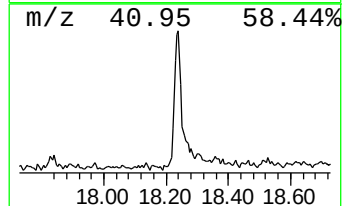
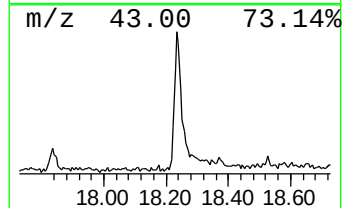
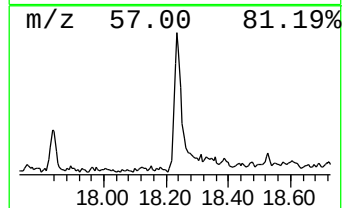
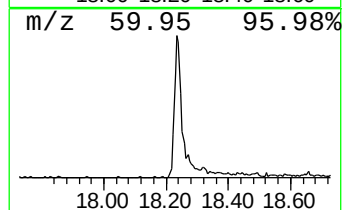
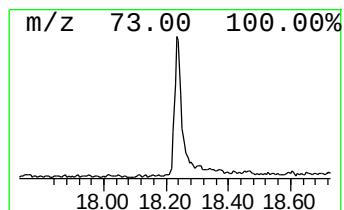
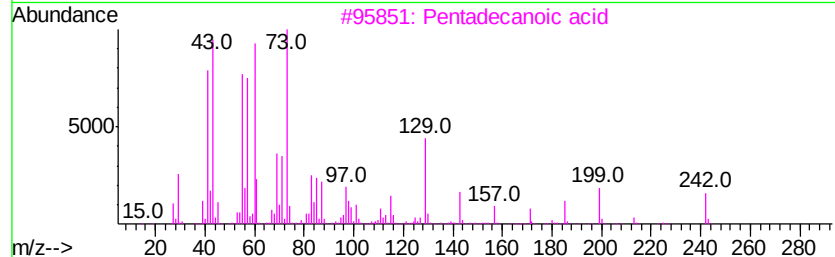
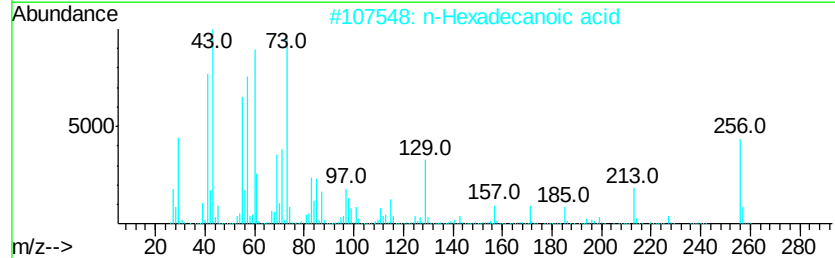
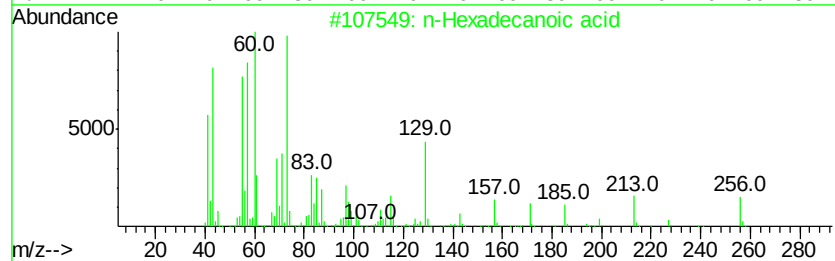
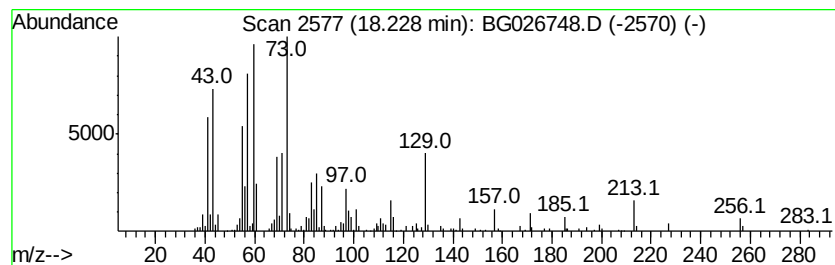
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.		
18.23	4.34 ng/ul	481099	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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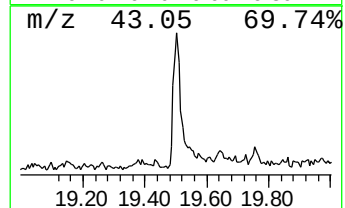
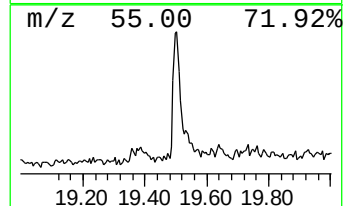
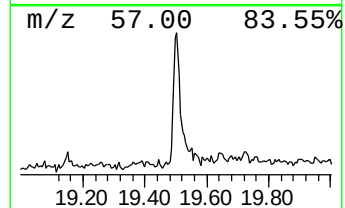
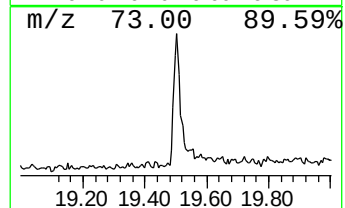
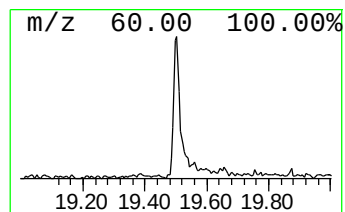
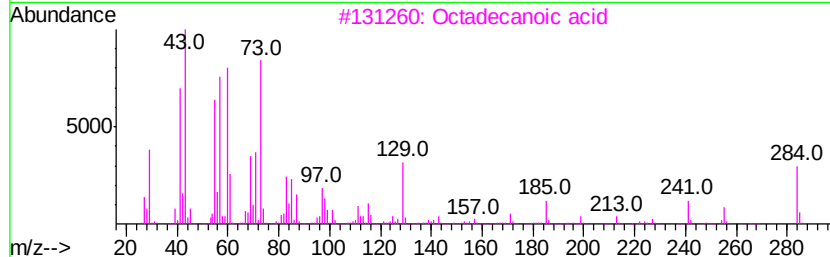
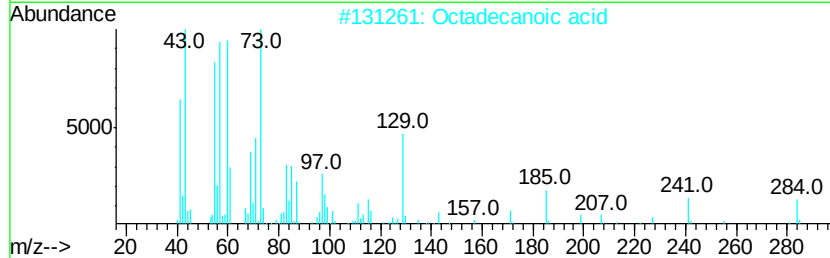
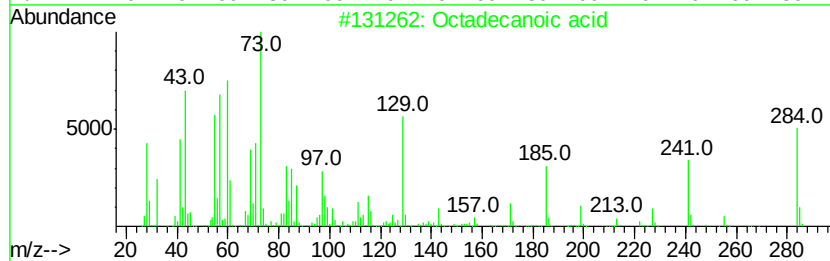
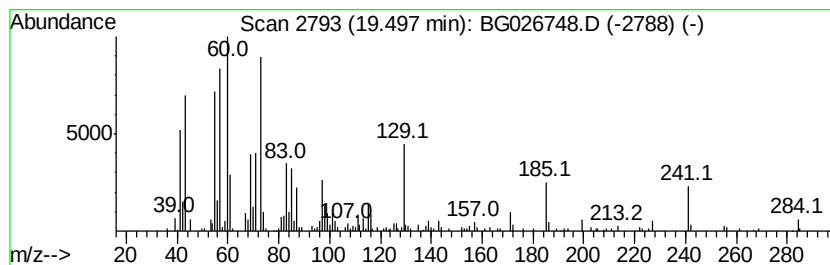
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.64 ng/ul	308634	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
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	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	4.3	ng/ul	481099	4	17.35	2216940	20.0
Octadecanoic acid	19.50	2.6	ng/ul	308634	5	21.60	2341270	20.0