

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026792.D
 Acq On : 1 May 2017 3:28
 Operator : SJ/MA
 Sample : I2846-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR8

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	3.429	53	58	65	rVB	43970	68167	1.45%	0.116%
2	4.187	179	187	194	rVB7	11078	25336	0.54%	0.043%
3	6.214	523	532	542	rBV8	8625	31395	0.67%	0.053%
4	7.066	672	677	679	rBV5	6618	10575	0.23%	0.018%
5	7.183	689	697	715	rBV	738405	1402576	29.92%	2.378%
6	7.330	715	722	732	rVB	705710	1143978	24.40%	1.940%
7	7.548	752	759	769	rBV	806522	1406217	30.00%	2.384%
8	8.006	826	837	846	rBV	597075	1021635	21.79%	1.732%
9	8.071	846	848	854	rVB5	11097	14318	0.31%	0.024%
10	8.311	887	889	896	rVB8	4546	9251	0.20%	0.016%
11	8.576	929	934	939	rBV9	4114	8729	0.19%	0.015%
12	8.723	949	959	990	rBV	1047566	1973832	42.11%	3.347%
13	8.987	1002	1004	1009	rVB4	5601	9598	0.20%	0.016%
14	9.163	1027	1034	1050	rBV	787931	1405451	29.98%	2.383%
15	9.316	1055	1060	1076	rVB8	20018	65502	1.40%	0.111%
16	9.592	1102	1107	1112	rVB4	8469	13586	0.29%	0.023%
17	9.886	1150	1157	1173	rBV	662582	1226698	26.17%	2.080%
18	10.438	1240	1251	1267	rBV	999552	1887588	40.27%	3.200%
19	10.809	1306	1314	1323	rBV	1009540	1783114	38.04%	3.023%
20	10.938	1327	1336	1360	rBV	1044518	2043439	43.59%	3.465%
21	11.214	1378	1383	1386	rVB6	4038	8485	0.18%	0.014%
22	11.643	1446	1456	1460	rBV9	5144	12460	0.27%	0.021%
23	12.283	1560	1565	1572	rVB8	4464	11125	0.24%	0.019%
24	12.383	1576	1582	1593	rBV4	19562	43064	0.92%	0.073%
25	13.229	1721	1726	1738	rBV7	10629	22917	0.49%	0.039%
26	13.441	1757	1762	1767	rVB5	6062	10524	0.22%	0.018%
27	13.511	1767	1774	1781	rBV8	7027	15440	0.33%	0.026%
28	13.588	1781	1787	1793	rBV7	4576	10873	0.23%	0.018%
29	13.834	1819	1829	1838	rBV	66148	117544	2.51%	0.199%
30	14.022	1853	1861	1865	rBV	1979622	2851725	60.83%	4.835%
31	14.069	1865	1869	1877	rVB	526389	766673	16.36%	1.300%
32	14.140	1877	1881	1890	rVB8	5645	10647	0.23%	0.018%
33	14.316	1900	1911	1923	rBV	2391163	3807092	81.21%	6.455%
34	14.510	1936	1944	1950	rBV	35495	46921	1.00%	0.080%

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35	14.622	1951	1963	1975	rVB2	1526847	2471052	52.71%	4.190%
36	14.833	1992	1999	2017	rBV	534185	1227035	26.18%	2.080%
37	14.998	2025	2027	2035	rVV8	6275	11768	0.25%	0.020%
38	15.057	2035	2037	2043	rVB7	9401	12909	0.28%	0.022%
39	15.121	2043	2048	2054	rVB6	15607	25764	0.55%	0.044%
40	15.192	2055	2060	2066	rVB7	7611	13253	0.28%	0.022%
41	15.403	2092	2096	2100	rBV	31138	46121	0.98%	0.078%
42	15.456	2100	2105	2109	rVB	85757	110640	2.36%	0.188%
43	15.509	2110	2114	2118	rBV7	5932	9765	0.21%	0.017%
44	15.609	2120	2131	2144	rVB	3032272	4561907	97.32%	7.735%
45	15.726	2144	2151	2166	rBV	853938	1273526	27.17%	2.159%
46	15.844	2166	2171	2178	rVV5	59856	124974	2.67%	0.212%
47	15.897	2178	2180	2184	rVB4	10282	11567	0.25%	0.020%
48	15.955	2186	2190	2194	rVB7	15859	22032	0.47%	0.037%
49	16.008	2194	2199	2205	rBV4	14713	22249	0.47%	0.038%
50	16.073	2205	2210	2214	rVV4	14235	19742	0.42%	0.033%
51	16.179	2219	2228	2230	rBV9	6634	15568	0.33%	0.026%
52	16.314	2246	2251	2260	rBV	107322	203402	4.34%	0.345%
53	16.384	2261	2263	2268	rVB6	10106	11312	0.24%	0.019%
54	16.660	2304	2310	2315	rBV5	17395	40234	0.86%	0.068%
55	16.713	2317	2319	2323	rVB4	11111	9620	0.21%	0.016%
56	16.766	2323	2328	2332	rVB7	13042	19190	0.41%	0.033%
57	16.819	2333	2337	2344	rVB6	12567	19672	0.42%	0.033%
58	16.884	2344	2348	2351	rBV4	9435	12189	0.26%	0.021%
59	16.960	2357	2361	2368	rVB10	6686	12870	0.27%	0.022%
60	17.101	2378	2385	2389	rVV	79679	95741	2.04%	0.162%
61	17.148	2389	2393	2400	rVB4	25737	43763	0.93%	0.074%
62	17.260	2406	2412	2420	rVB4	15003	27583	0.59%	0.047%
63	17.354	2420	2428	2436	rBV	1760671	2634704	56.20%	4.467%
64	17.454	2438	2445	2455	rVV	2985078	4500445	96.01%	7.630%
65	17.518	2455	2456	2462	rVB6	10014	14141	0.30%	0.024%
66	17.636	2472	2476	2483	rVB9	10582	19979	0.43%	0.034%
67	17.747	2490	2495	2501	rVB10	7525	13304	0.28%	0.023%
68	17.836	2505	2510	2515	rBV3	40030	52740	1.13%	0.089%
69	18.006	2537	2539	2543	rBV4	7517	10085	0.22%	0.017%
70	18.112	2551	2557	2561	rBV9	10260	16950	0.36%	0.029%
71	18.235	2573	2578	2588	rBV	350190	600166	12.80%	1.018%

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72	18.423	2607	2610	2613	rBV5	7275	9756	0.21%	0.017%
73	18.523	2623	2627	2633	rBV4	17535	27790	0.59%	0.047%
74	18.664	2646	2651	2654	rBV6	6978	11227	0.24%	0.019%
75	18.893	2688	2690	2696	rBV7	6359	8796	0.19%	0.015%
76	19.028	2707	2713	2716	rBV8	6678	15753	0.34%	0.027%
77	19.081	2719	2722	2727	rBV7	6562	9707	0.21%	0.016%
78	19.152	2731	2734	2738	rVB6	9117	13854	0.30%	0.023%
79	19.375	2766	2772	2782	rBV	48001	117759	2.51%	0.200%
80	19.504	2788	2794	2808	rBV3	126488	288779	6.16%	0.490%
81	19.628	2809	2815	2821	rVB2	31241	57282	1.22%	0.097%
82	19.733	2825	2833	2846	rVB	3222933	4636722	98.91%	7.861%
83	19.986	2874	2876	2879	rBV4	6127	9278	0.20%	0.016%
84	20.744	3002	3005	3009	rVB6	15853	22384	0.48%	0.038%
85	21.149	3073	3074	3079	rVB5	10027	13687	0.29%	0.023%
86	21.238	3087	3089	3094	rVB5	25990	30441	0.65%	0.052%
87	21.402	3100	3117	3118	rBV5	57101	225795	4.82%	0.383%
88	21.596	3143	3150	3166	rBV	1654871	2738171	58.41%	4.642%
89	21.737	3170	3174	3177	rBV6	24115	38501	0.82%	0.065%
90	22.095	3231	3235	3240	rVB4	55221	85855	1.83%	0.146%
91	22.366	3277	3281	3285	rBV3	40149	58871	1.26%	0.100%
92	23.035	3390	3395	3403	rVB6	51759	116637	2.49%	0.198%
93	23.229	3423	3428	3438	rVB3	42357	95503	2.04%	0.162%
94	23.823	3523	3529	3537	rBV2	61824	125369	2.67%	0.213%
95	24.545	3639	3652	3674	rVB2	1699855	4687679	100.00%	7.948%
96	24.757	3676	3688	3708	rBV3	1046720	3053206	65.13%	5.177%
97	25.850	3865	3874	3883	rBV3	78717	219369	4.68%	0.372%
98	27.160	4088	4097	4109	rVB4	77962	246068	5.25%	0.417%
99	28.746	4359	4367	4382	rVB5	59665	208849	4.46%	0.354%
100	30.662	4685	4693	4708	rVB6	46546	183234	3.91%	0.311%

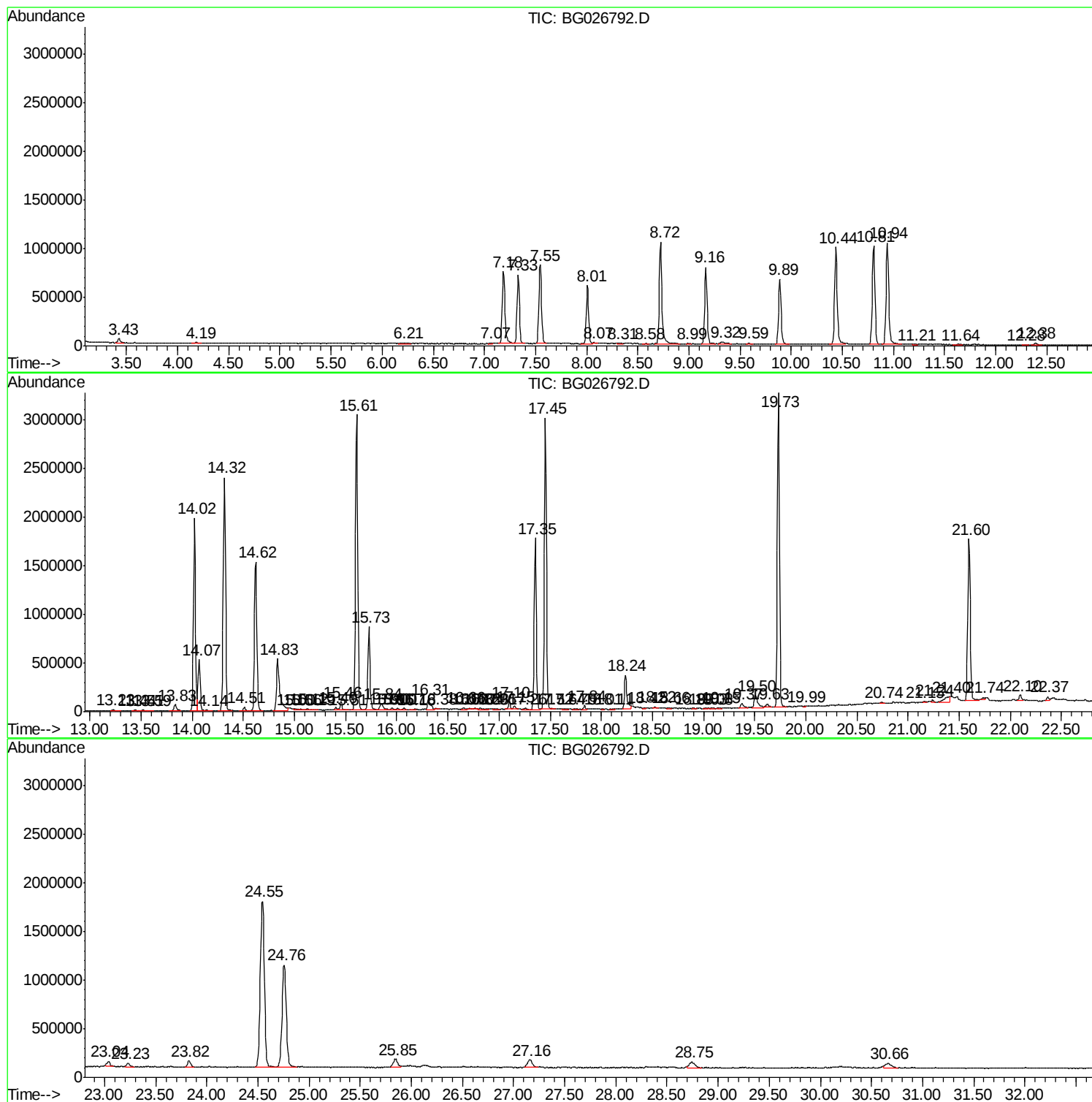
Sum of corrected areas: 58980759

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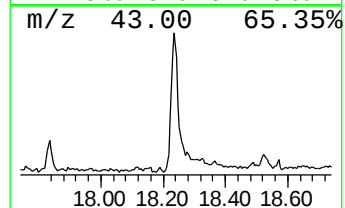
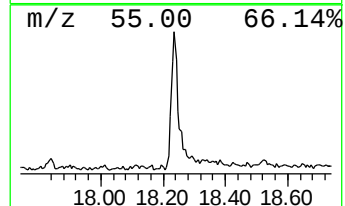
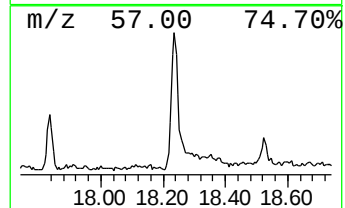
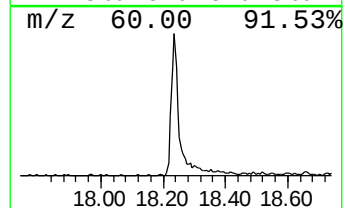
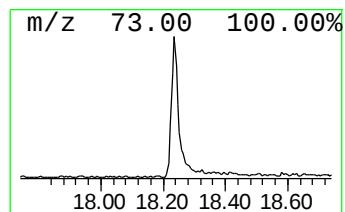
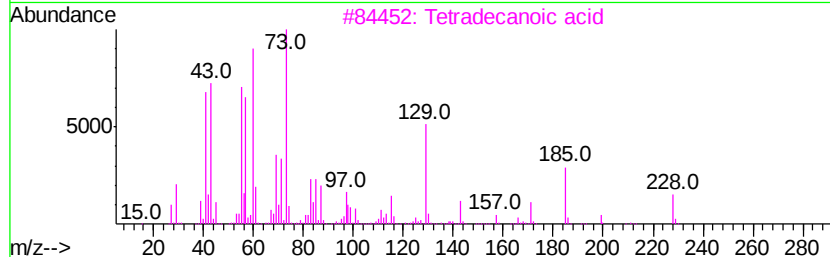
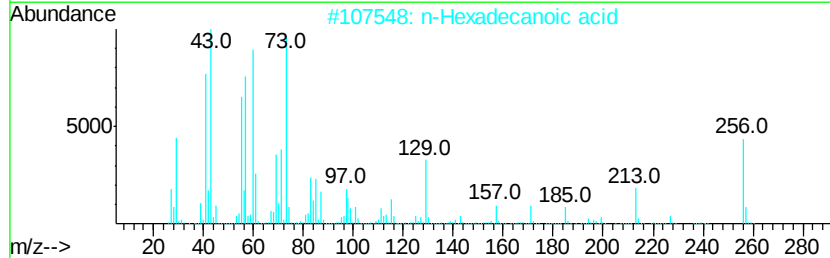
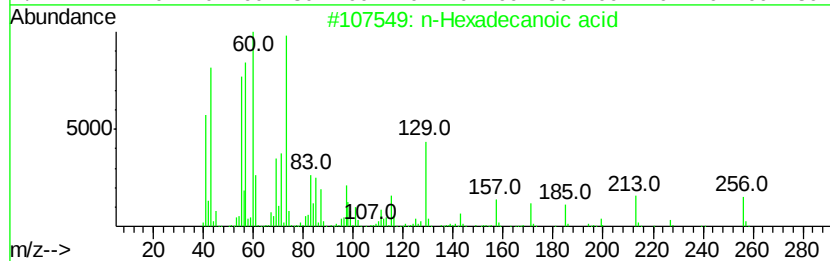
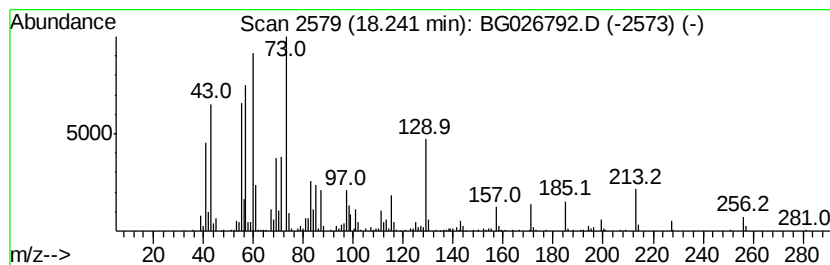
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.		
18.24	4.56 ng/ul	600166	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	99	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	



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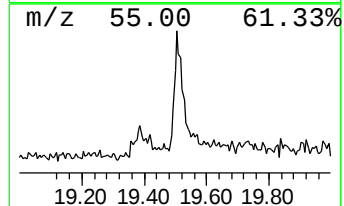
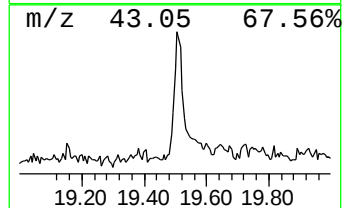
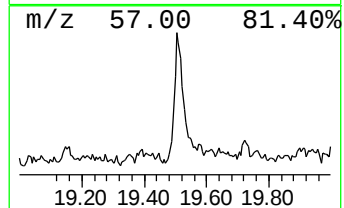
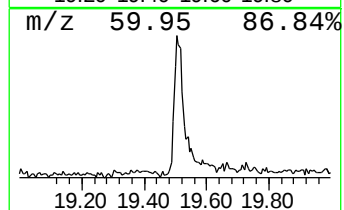
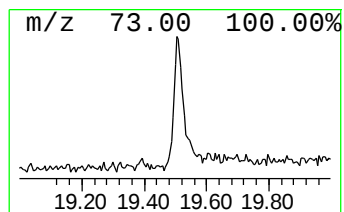
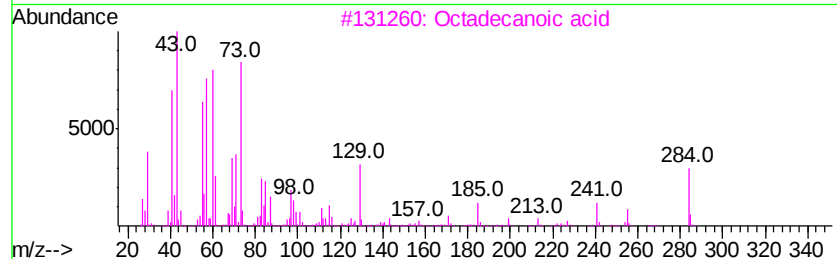
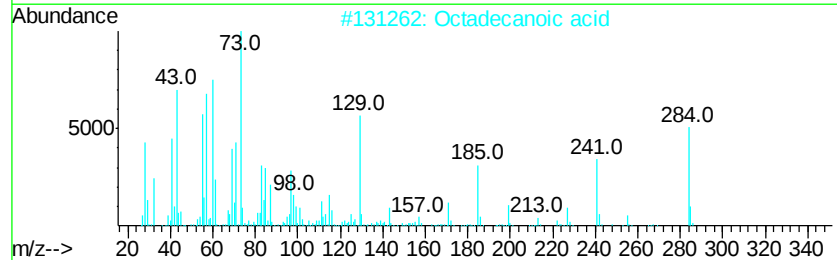
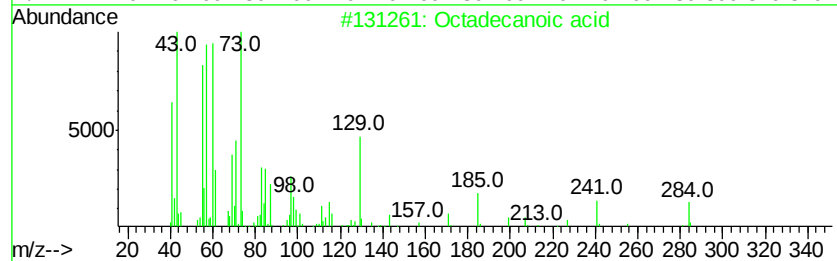
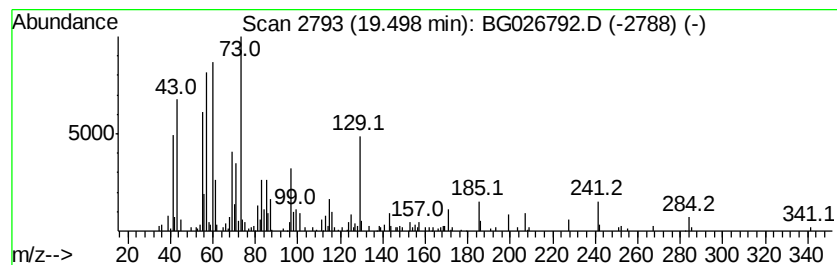
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.50	2.11 ng/ul	288779	Chrysene-d12		21.60	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Octadecanoic acid		284	C18H36O2	000057-11-4	94
3	Octadecanoic acid		284	C18H36O2	000057-11-4	94
4	Octadecanoic acid		284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.24	4.6	ng/ul	600166	4	17.35	2634700	20.0
Octadecanoic acid	19.50	2.1	ng/ul	288779	5	21.60	2738170	20.0