

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
 Data File : BG024362.D
 Acq On : 14 Oct 2016 21:39
 Operator : UM/SJ
 Sample : H5187-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPD4

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\SOM02.2-EPA-BG0100716.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	3.325	80	83	89	rVB7	18955	29104	0.69%	0.060%
2	3.642	134	137	143	rVB4	24802	42144	1.00%	0.087%
3	3.759	155	157	164	rVB6	12052	17656	0.42%	0.036%
4	3.818	164	167	169	rBV4	8673	10487	0.25%	0.022%
5	4.100	213	215	220	rVB5	7855	10408	0.25%	0.021%
6	4.488	278	281	284	rVB4	12795	10579	0.25%	0.022%
7	4.523	284	287	293	rBV7	10265	17593	0.42%	0.036%
8	4.623	300	304	307	rVB6	20737	27800	0.66%	0.057%
9	4.935	354	357	361	rBV6	6948	11194	0.27%	0.023%
10	5.034	371	374	381	rBV7	20240	37575	0.89%	0.077%
11	5.222	403	406	408	rBV3	13066	12341	0.29%	0.025%
12	5.358	422	429	434	rVV8	8030	18072	0.43%	0.037%
13	5.557	457	463	464	rBV5	8282	10770	0.26%	0.022%
14	5.810	503	506	510	rVB5	10094	13602	0.32%	0.028%
15	6.327	592	594	599	rVB3	10134	12523	0.30%	0.026%
16	6.462	614	617	624	rBV8	11261	18176	0.43%	0.037%
17	7.408	771	778	791	rBV	497778	961233	22.81%	1.982%
18	7.596	802	810	818	rBV2	344960	607446	14.42%	1.253%
19	7.808	837	846	856	rVB2	455673	828801	19.67%	1.709%
20	8.049	880	887	890	rBV7	10858	22976	0.55%	0.047%
21	8.231	912	918	920	rBV6	8979	13230	0.31%	0.027%
22	8.284	920	927	939	rVV	537631	994718	23.61%	2.051%
23	8.495	957	963	971	rVB8	13492	31862	0.76%	0.066%
24	8.624	982	985	988	rVB5	8776	10630	0.25%	0.022%
25	8.789	1010	1013	1018	rBV5	8364	14129	0.34%	0.029%
26	8.971	1035	1044	1057	rVB	623682	1108553	26.31%	2.286%
27	9.106	1064	1067	1077	rVB6	14142	22992	0.55%	0.047%
28	9.459	1118	1127	1142	rVV	500244	929992	22.07%	1.918%
29	9.811	1184	1187	1191	rBV5	15310	20806	0.49%	0.043%
30	9.905	1197	1203	1206	rVB5	7445	11880	0.28%	0.025%
31	10.023	1218	1223	1227	rVB6	7839	12917	0.31%	0.027%
32	10.181	1241	1250	1262	rBV2	410489	787303	18.69%	1.624%
33	10.458	1295	1297	1302	rVB5	9177	12780	0.30%	0.026%
34	10.716	1331	1341	1350	rBV	677509	1257095	29.84%	2.593%

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35	10.957	1379	1382	1386	rBV6	8374	11790	0.28%	0.024%
36	11.110	1398	1408	1417	rBV	800399	1504147	35.70%	3.102%
37	11.239	1421	1430	1443	rBV2	556680	1065851	25.30%	2.198%
38	12.085	1571	1574	1579	rVB7	12413	15105	0.36%	0.031%
39	12.379	1619	1624	1627	rVB6	6956	10751	0.26%	0.022%
40	12.402	1627	1628	1632	rBV4	8481	11370	0.27%	0.023%
41	12.490	1640	1643	1647	rVB5	9343	11472	0.27%	0.024%
42	12.520	1647	1648	1652	rBV4	7735	11205	0.27%	0.023%
43	12.673	1667	1674	1682	rBV8	15518	32820	0.78%	0.068%
44	13.084	1742	1744	1750	rBV5	6289	10532	0.25%	0.022%
45	13.243	1767	1771	1777	rVB9	11060	21250	0.50%	0.044%
46	13.501	1808	1815	1818	rBV8	11152	20321	0.48%	0.042%
47	13.630	1835	1837	1843	rBV5	6325	12262	0.29%	0.025%
48	13.689	1843	1847	1851	rBV5	9435	10863	0.26%	0.022%
49	13.765	1853	1860	1864	rBV5	23300	40130	0.95%	0.083%
50	14.224	1936	1938	1941	rVV4	9530	10872	0.26%	0.022%
51	14.294	1941	1950	1954	rVV	1428373	2158916	51.24%	4.452%
52	14.335	1954	1957	1965	rVV	502787	730989	17.35%	1.508%
53	14.465	1975	1979	1982	rVB5	10082	15559	0.37%	0.032%
54	14.500	1982	1985	1987	rBV2	11612	12603	0.30%	0.026%
55	14.517	1987	1988	1992	rVB4	9935	11152	0.26%	0.023%
56	14.600	1994	2002	2015	rBV	1441686	2349211	55.76%	4.845%
57	14.758	2024	2029	2033	rVB5	25358	39493	0.94%	0.081%
58	14.899	2045	2053	2061	rBV	1549697	2413427	57.28%	4.977%
59	15.058	2072	2080	2098	rBV	808960	1346406	31.96%	2.777%
60	15.193	2098	2103	2104	rBV5	9279	13288	0.32%	0.027%
61	15.258	2111	2114	2118	rVB5	14956	21447	0.51%	0.044%
62	15.369	2130	2133	2137	rBV5	12680	17090	0.41%	0.035%
63	15.440	2144	2145	2152	rVB6	13039	20183	0.48%	0.042%
64	15.493	2152	2154	2156	rBV3	10612	12899	0.31%	0.027%
65	15.698	2184	2189	2194	rVB2	55143	79525	1.89%	0.164%
66	15.763	2195	2200	2208	rVB2	9545	19175	0.46%	0.040%
67	15.886	2211	2221	2229	rBV	2026607	3292634	78.15%	6.791%
68	15.986	2232	2238	2249	rVB	790927	1187618	28.19%	2.449%
69	16.121	2251	2261	2268	rVB9	30472	89081	2.11%	0.184%
70	16.204	2271	2275	2278	rBV6	15475	19385	0.46%	0.040%
71	16.268	2280	2286	2290	rVV8	9296	17913	0.43%	0.037%

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72	16.321	2290	2295	2298	rVB7	14167	23059	0.55%	0.048%
73	16.503	2322	2326	2330	rBV7	11027	17636	0.42%	0.036%
74	16.562	2330	2336	2347	rVV2	75308	151576	3.60%	0.313%
75	16.844	2376	2384	2389	rBV2	14993	36235	0.86%	0.075%
76	16.897	2391	2393	2400	rBV8	12406	20714	0.49%	0.043%
77	17.067	2420	2422	2426	rVB5	9195	11485	0.27%	0.024%
78	17.156	2434	2437	2442	rVV6	21840	28758	0.68%	0.059%
79	17.208	2445	2446	2448	rBV2	13761	13167	0.31%	0.027%
80	17.349	2466	2470	2474	rBV3	51691	69794	1.66%	0.144%
81	17.408	2477	2480	2488	rVB7	19886	42946	1.02%	0.089%
82	17.637	2512	2519	2528	rBV2	1846499	2951222	70.04%	6.086%
83	17.737	2528	2536	2546	rVB	2174567	3473230	82.43%	7.163%
84	17.896	2559	2563	2566	rVB5	13554	21400	0.51%	0.044%
85	17.978	2571	2577	2585	rBV4	138183	236171	5.61%	0.487%
86	18.090	2593	2596	2600	rBV6	21351	26757	0.64%	0.055%
87	18.266	2625	2626	2630	rVB4	12413	13672	0.32%	0.028%
88	18.360	2637	2642	2647	rBV8	18974	34353	0.82%	0.071%
89	18.483	2655	2663	2672	rBV2	341137	526056	12.49%	1.085%
90	19.141	2773	2775	2779	rBV5	14435	14376	0.34%	0.030%
91	19.335	2805	2808	2814	rVB8	45481	47730	1.13%	0.098%
92	19.629	2850	2858	2871	rBV7	59192	194899	4.63%	0.402%
93	19.741	2871	2877	2887	rBV4	230459	369975	8.78%	0.763%
94	19.899	2899	2904	2912	rBV6	38976	85889	2.04%	0.177%
95	20.005	2915	2922	2935	rBV	2739449	4213417	100.00%	8.690%
96	21.521	3176	3180	3192	rVB6	168004	289319	6.87%	0.597%
97	21.780	3221	3224	3233	rVB7	71806	122619	2.91%	0.253%
98	21.938	3243	3251	3258	rBV	1850879	3353260	79.59%	6.916%
99	25.134	3785	3795	3808	rVB2	1304552	3907173	92.73%	8.058%
100	25.381	3826	3837	3851	rVB2	1105759	3573327	84.81%	7.369%

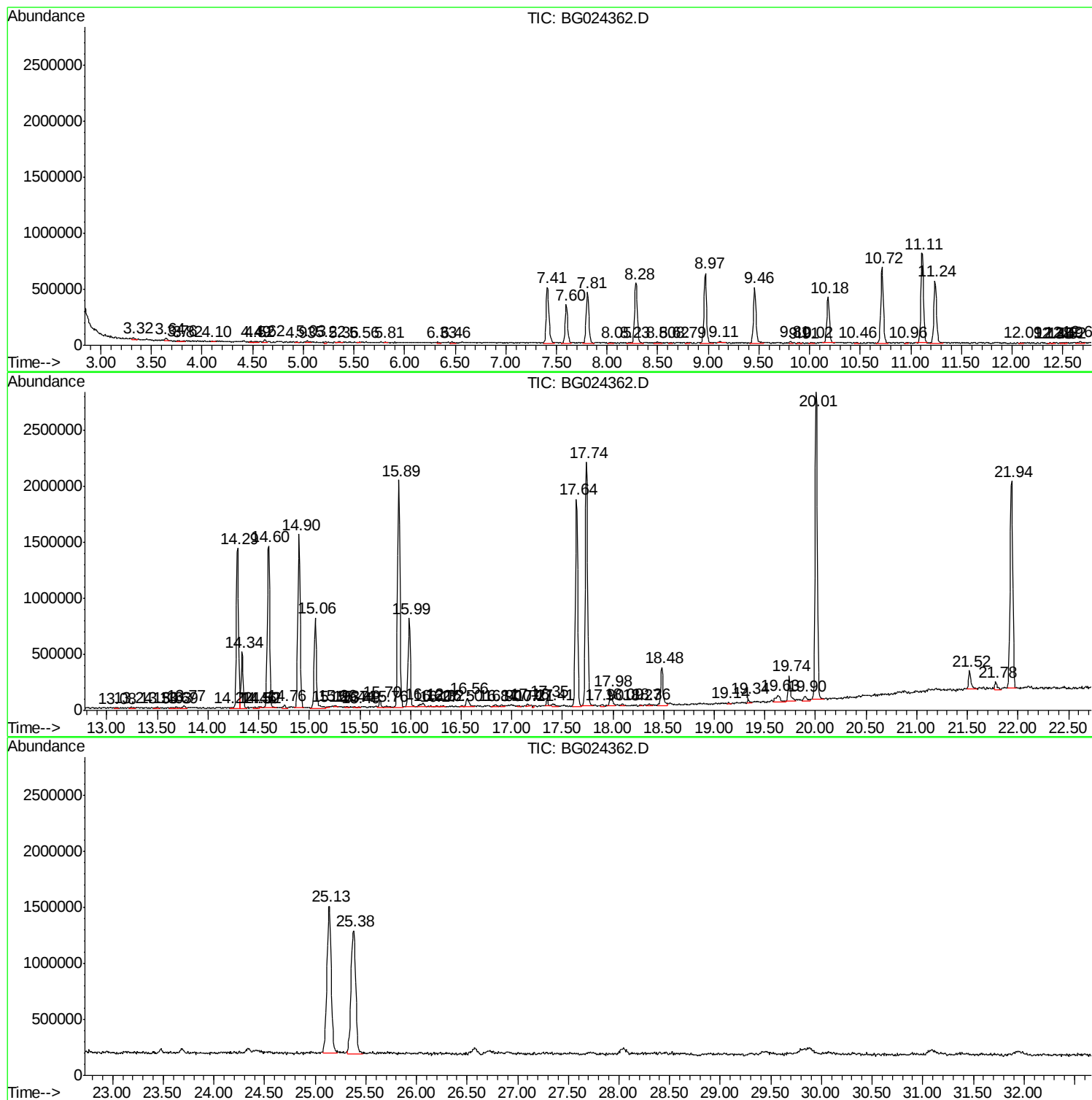
Sum of corrected areas: 48488317

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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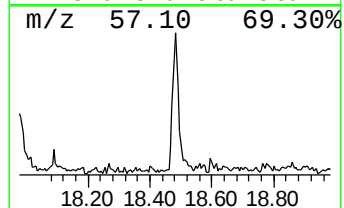
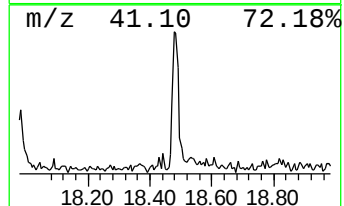
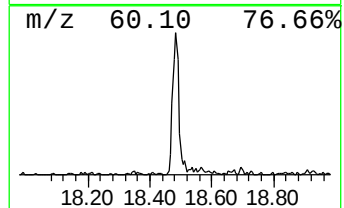
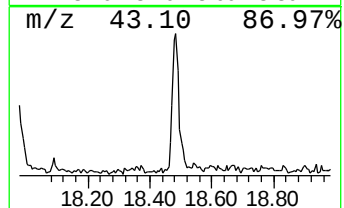
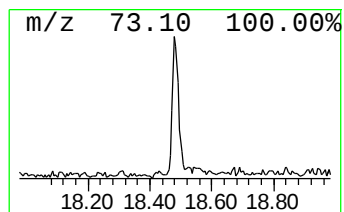
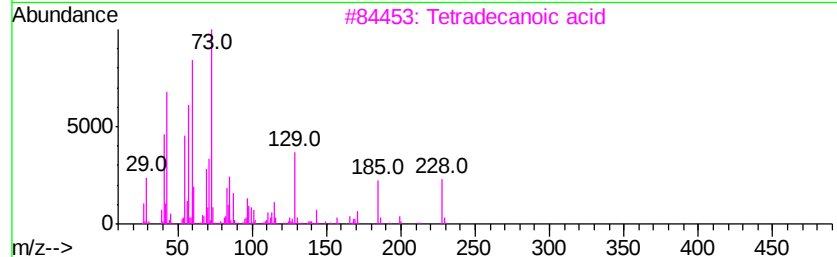
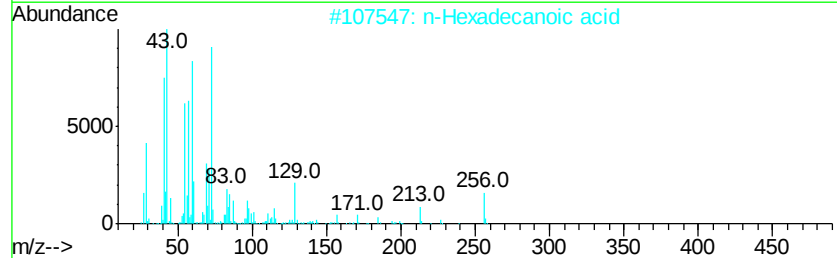
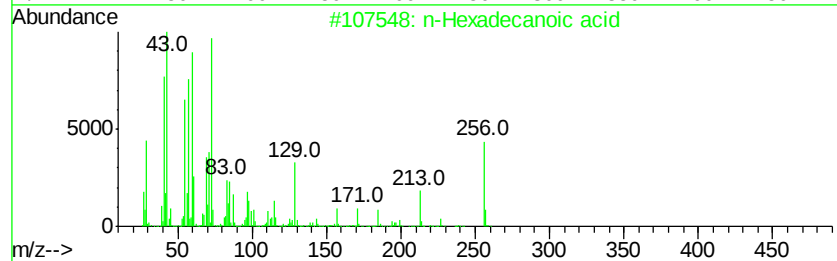
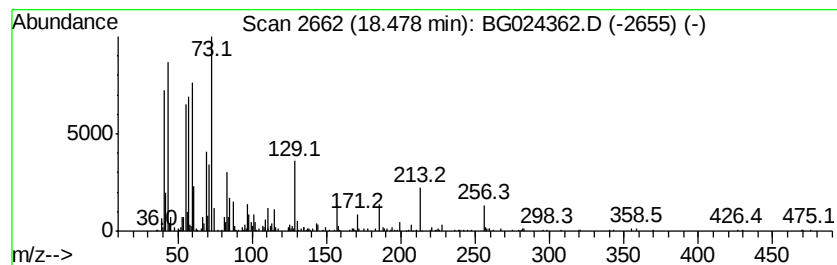
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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.
18.48	3.57 ng/ul	526056	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Dodecanoic acid	200	C12H24O2	000143-07-7	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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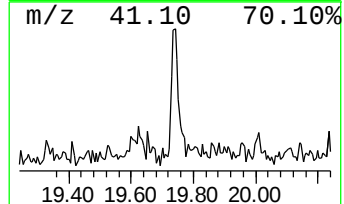
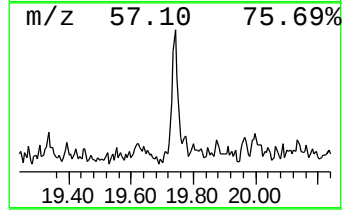
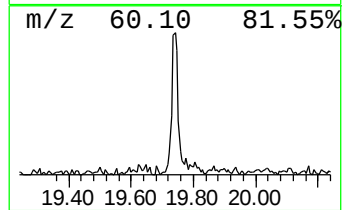
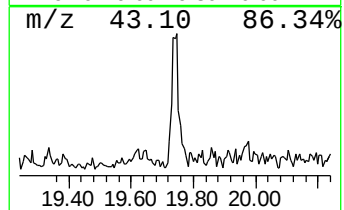
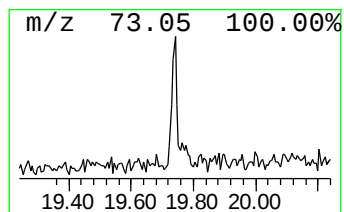
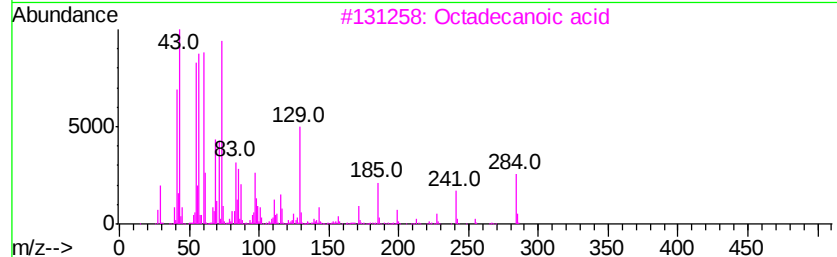
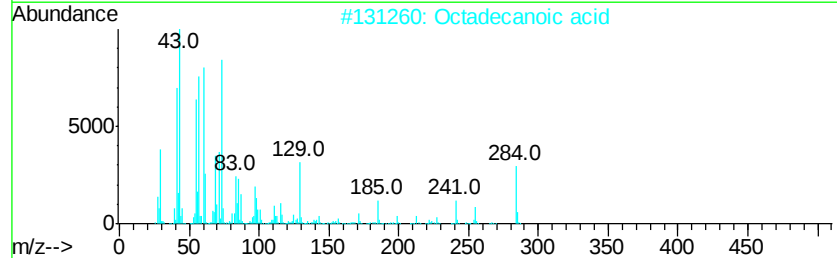
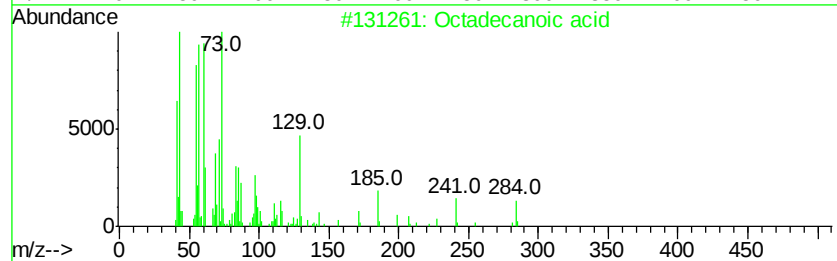
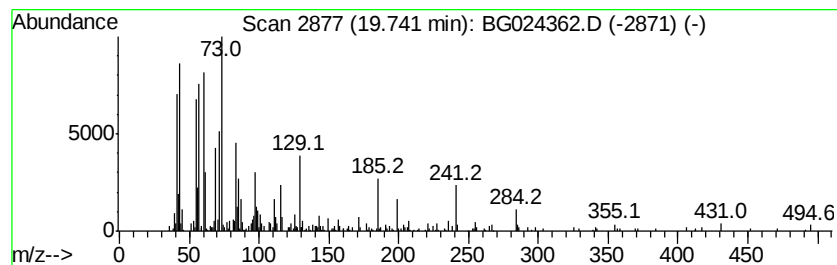
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.51 ng/ul	369975	Phenanthrene-d10	17.64

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	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Tridecanoic acid	214	C13H26O2	000638-53-9	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	3.6	ng/ul	526056	4	17.64	2951220	20.0
Octadecanoic acid	19.74	2.5	ng/ul	369975	4	17.64	2951220	20.0