

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024271.D
 Acq On : 11 Oct 2016 18:57
 Operator : UM/SJ
 Sample : H5113-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP72

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	4.230	235	237	239	rBV3	17953	14090	0.27%	0.028%
2	4.382	259	263	265	rBV5	10353	14677	0.28%	0.029%
3	4.476	277	279	283	rVB5	15682	20377	0.38%	0.041%
4	4.506	283	284	288	rBV4	15035	17848	0.34%	0.036%
5	4.594	296	299	300	rBV2	11437	12513	0.24%	0.025%
6	5.364	425	430	432	rBV6	20678	32799	0.62%	0.066%
7	5.511	453	455	459	rVB5	11642	10864	0.21%	0.022%
8	5.616	471	473	479	rVB5	12670	20891	0.39%	0.042%
9	5.693	482	486	489	rVB3	9017	15060	0.28%	0.030%
10	6.157	563	565	571	rBV5	9696	14810	0.28%	0.030%
11	6.486	614	621	625	rBV6	14371	27464	0.52%	0.055%
12	6.580	634	637	639	rBV3	12576	11441	0.22%	0.023%
13	6.803	672	675	683	rVB7	14166	30580	0.58%	0.061%
14	6.880	683	688	691	rBV7	14046	23240	0.44%	0.046%
15	7.003	704	709	711	rVB6	8744	11903	0.22%	0.024%
16	7.062	718	719	722	rVB3	14034	11680	0.22%	0.023%
17	7.109	722	727	728	rBV5	10350	16863	0.32%	0.034%
18	7.420	773	780	790	rVB	187313	362132	6.84%	0.724%
19	7.602	804	811	820	rVB	494425	847151	16.00%	1.694%
20	7.814	839	847	856	rBV	584923	1033983	19.52%	2.067%
21	8.049	883	887	889	rBV5	8731	13021	0.25%	0.026%
22	8.290	921	928	940	rBV	566762	1051980	19.86%	2.103%
23	8.495	962	963	968	rVB4	8398	10632	0.20%	0.021%
24	8.760	1002	1008	1010	rBV7	5956	12072	0.23%	0.024%
25	8.977	1037	1045	1056	rBV2	485992	893863	16.88%	1.787%
26	9.112	1062	1068	1071	rBV4	12476	19681	0.37%	0.039%
27	9.347	1105	1108	1114	rBV5	9651	16744	0.32%	0.033%
28	9.465	1120	1128	1136	rBV	692595	1298680	24.52%	2.597%
29	9.618	1149	1154	1156	rBV5	9271	12728	0.24%	0.025%
30	9.817	1185	1188	1193	rVB6	10777	20657	0.39%	0.041%
31	9.853	1193	1194	1198	rBV4	15261	14806	0.28%	0.030%
32	10.193	1238	1252	1261	rBV2	591188	1129613	21.33%	2.259%
33	10.622	1322	1325	1332	rVB7	8534	14094	0.27%	0.028%
34	10.722	1332	1342	1353	rBV	858609	1577102	29.78%	3.153%

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35	10.822	1356	1359	1362	rVB5	12249	11766	0.22%	0.024%
36	10.892	1366	1371	1372	rBV5	8404	13127	0.25%	0.026%
37	11.122	1403	1410	1421	rBV	777193	1449764	27.38%	2.899%
38	11.263	1428	1434	1440	rBV8	15423	32827	0.62%	0.066%
39	11.692	1505	1507	1511	rVB5	13112	10590	0.20%	0.021%
40	11.762	1516	1519	1524	rBV6	7331	10791	0.20%	0.022%
41	11.856	1531	1535	1539	rBV6	10957	17068	0.32%	0.034%
42	11.991	1557	1558	1563	rVB4	11243	13666	0.26%	0.027%
43	12.120	1577	1580	1585	rVB3	10728	17198	0.32%	0.034%
44	12.167	1585	1588	1592	rBV5	8339	14461	0.27%	0.029%
45	12.455	1631	1637	1639	rBV5	12575	26074	0.49%	0.052%
46	12.473	1639	1640	1644	rVB4	15496	13571	0.26%	0.027%
47	12.514	1644	1647	1649	rBV3	11383	13591	0.26%	0.027%
48	12.685	1668	1676	1680	rBV8	24915	48655	0.92%	0.097%
49	12.814	1691	1698	1701	rBV9	6629	13359	0.25%	0.027%
50	12.884	1709	1710	1715	rVB5	9126	11484	0.22%	0.023%
51	13.113	1748	1749	1753	rBV3	11441	13194	0.25%	0.026%
52	13.266	1772	1775	1779	rVB6	9096	11868	0.22%	0.024%
53	13.442	1803	1805	1810	rBV5	7999	13048	0.25%	0.026%
54	13.501	1810	1815	1821	rVV9	13268	21478	0.41%	0.043%
55	13.771	1856	1861	1867	rBV6	22876	30892	0.58%	0.062%
56	13.871	1873	1878	1884	rVB8	7133	14101	0.27%	0.028%
57	13.954	1887	1892	1896	rBV6	10500	12106	0.23%	0.024%
58	14.300	1941	1951	1956	rBV	1818951	2649857	50.04%	5.298%
59	14.347	1956	1959	1966	rVV	100232	147304	2.78%	0.295%
60	14.541	1985	1992	1994	rBV7	7856	15433	0.29%	0.031%
61	14.606	1994	2003	2012	rVV	1749082	2829049	53.42%	5.657%
62	14.764	2025	2030	2038	rVB6	18444	33007	0.62%	0.066%
63	14.905	2043	2054	2063	rBV	1344712	2147633	40.55%	4.294%
64	15.064	2071	2081	2094	rVB2	243756	426204	8.05%	0.852%
65	15.264	2112	2115	2119	rBV6	15458	22123	0.42%	0.044%
66	15.358	2130	2131	2137	rBV5	7917	14191	0.27%	0.028%
67	15.446	2142	2146	2151	rBV6	8018	13957	0.26%	0.028%
68	15.610	2168	2174	2179	rBV9	16761	27654	0.52%	0.055%
69	15.710	2185	2191	2198	rBV6	33083	51737	0.98%	0.103%
70	15.893	2211	2222	2230	rBV	2480180	3896807	73.58%	7.791%
71	15.992	2231	2239	2249	rVB2	968854	1496251	28.25%	2.992%

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72	16.063	2249	2251	2254	rBV4	12617	14698	0.28%	0.029%
73	16.133	2256	2263	2271	rVB7	39507	87034	1.64%	0.174%
74	16.216	2274	2277	2279	rBV3	13677	15529	0.29%	0.031%
75	16.263	2282	2285	2290	rVB7	15096	25599	0.48%	0.051%
76	16.310	2290	2293	2294	rBV3	11955	11516	0.22%	0.023%
77	16.509	2325	2327	2332	rBV6	9049	13998	0.26%	0.028%
78	16.568	2332	2337	2345	rBV6	45510	89340	1.69%	0.179%
79	16.697	2356	2359	2363	rBV6	15397	14381	0.27%	0.029%
80	16.762	2367	2370	2377	rVB8	19166	34364	0.65%	0.069%
81	16.927	2393	2398	2402	rBV8	12847	26326	0.50%	0.053%
82	17.009	2408	2412	2420	rVB8	18267	45288	0.86%	0.091%
83	17.079	2420	2424	2428	rBV6	16464	31304	0.59%	0.063%
84	17.273	2455	2457	2459	rVB3	13773	10822	0.20%	0.022%
85	17.308	2460	2463	2466	rVV5	9309	11112	0.21%	0.022%
86	17.355	2469	2471	2478	rVB6	19316	28265	0.53%	0.057%
87	17.643	2511	2520	2529	rBV2	1711855	2816745	53.19%	5.632%
88	17.743	2529	2537	2551	rVB	2727712	4374050	82.60%	8.746%
89	18.096	2593	2597	2599	rBV5	15125	18169	0.34%	0.036%
90	18.489	2657	2664	2673	rBV2	235093	374810	7.08%	0.749%
91	18.672	2692	2695	2700	rBV5	11363	18506	0.35%	0.037%
92	18.871	2725	2729	2731	rVB5	18816	23567	0.45%	0.047%
93	19.294	2800	2801	2805	rBV4	13952	20249	0.38%	0.040%
94	19.647	2857	2861	2867	rVB4	52210	92404	1.74%	0.185%
95	19.747	2874	2878	2887	rBV2	275438	441912	8.34%	0.884%
96	19.905	2901	2905	2911	rVB3	42231	72291	1.37%	0.145%
97	20.017	2916	2924	2932	rBV	3390766	5295730	100.00%	10.589%
98	21.944	3245	3252	3264	rVB	1890845	3386049	63.94%	6.770%
99	25.158	3788	3799	3812	rVB	1595915	4999510	94.41%	9.996%
100	25.399	3829	3840	3853	rVB2	1056259	3378128	63.79%	6.754%

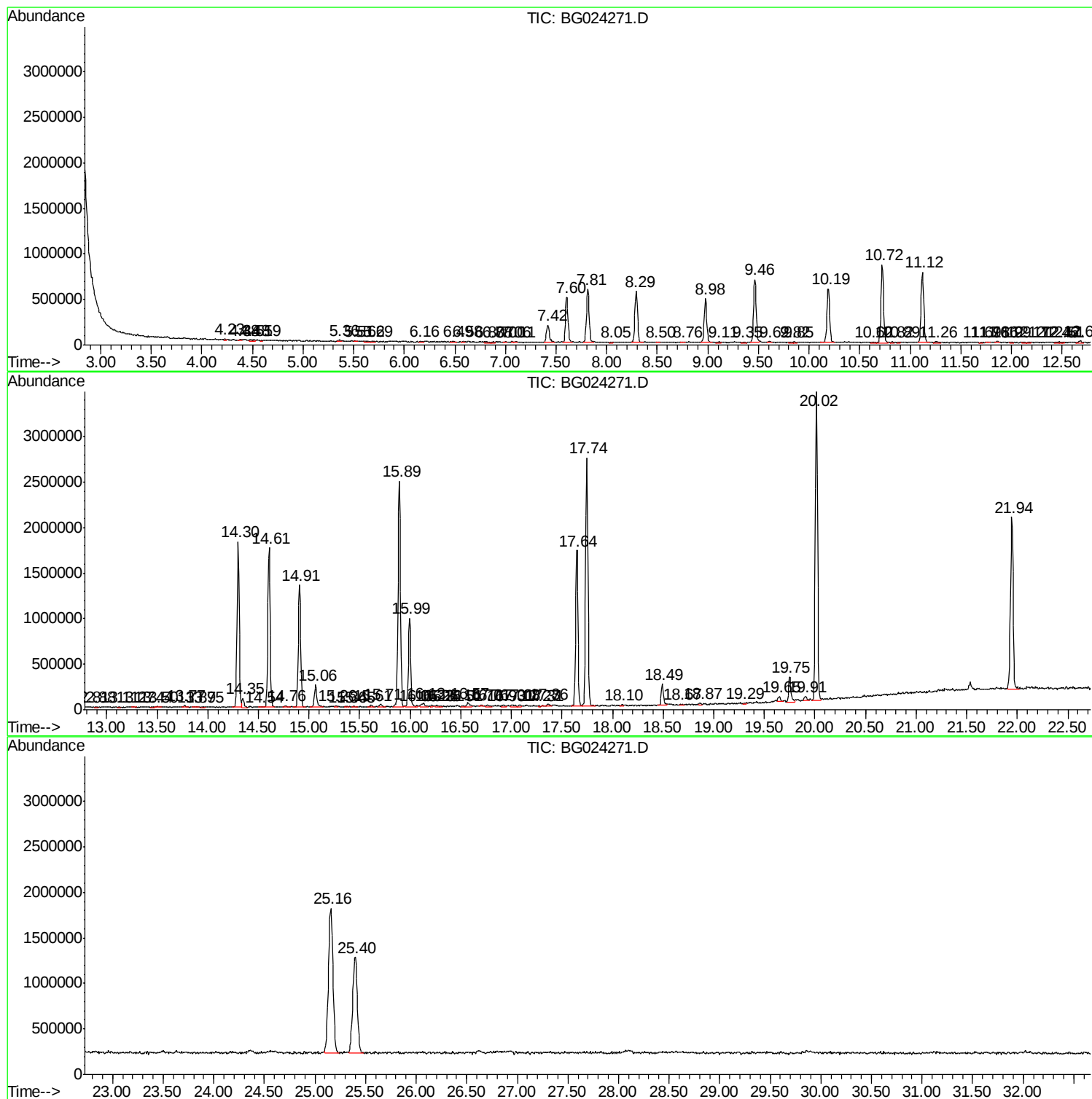
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Quant Title : SVOA CALIBRATION

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



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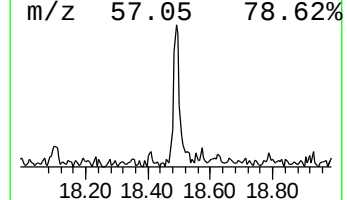
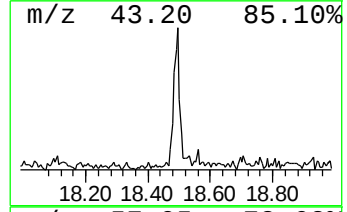
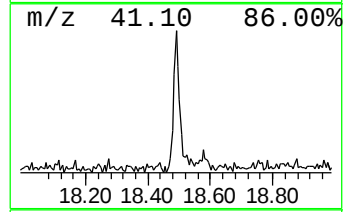
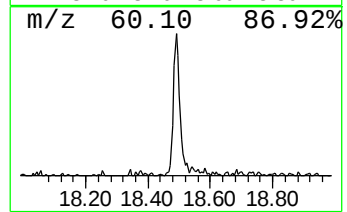
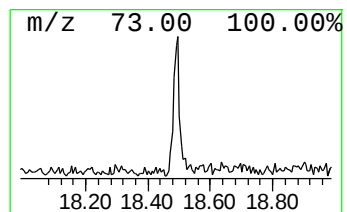
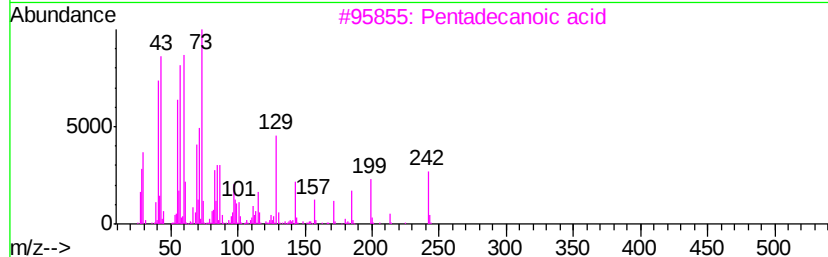
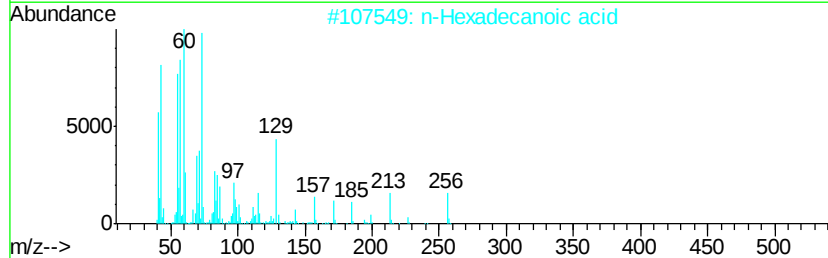
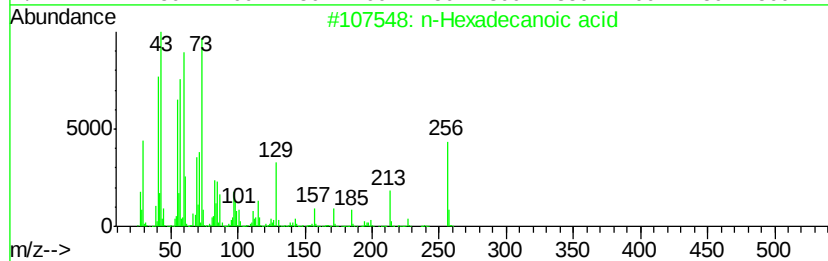
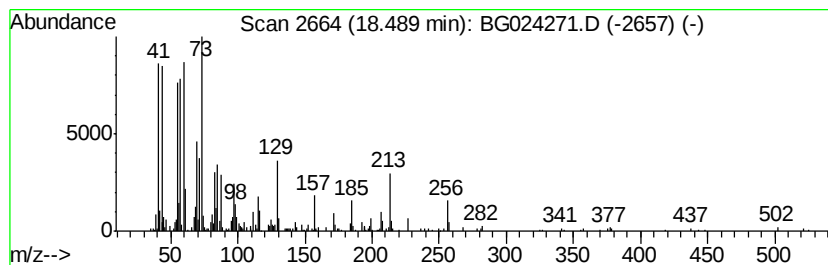
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.66 ng/ul	374810	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	83



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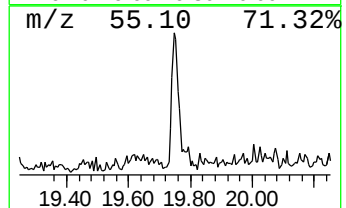
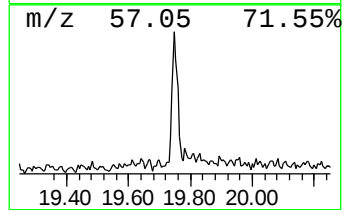
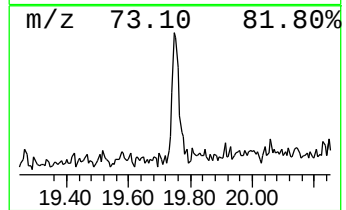
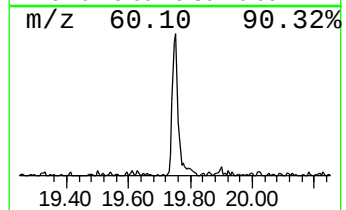
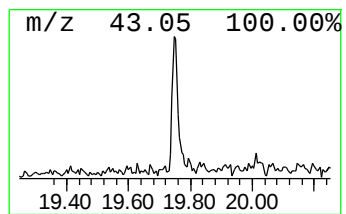
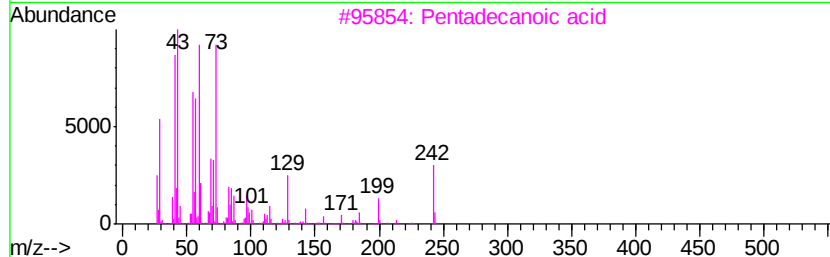
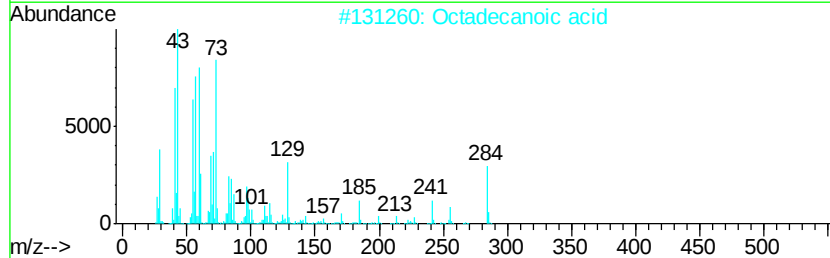
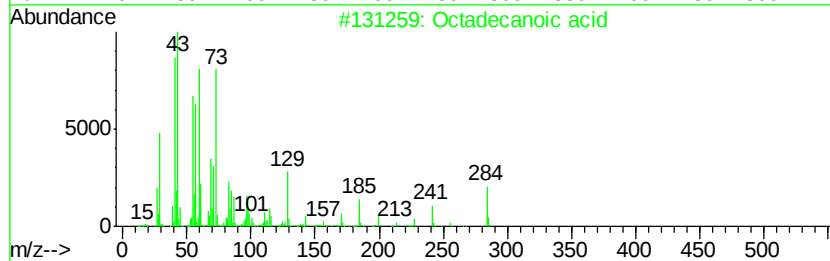
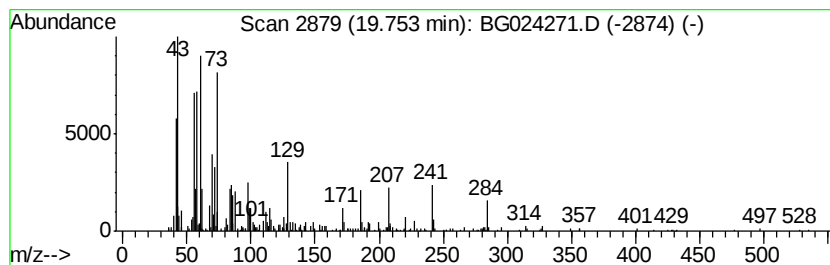
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Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.14 ng/ul	441912	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Octadecanoic acid	284	C18H36O2	000057-11-4	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.49	2.7	ng/ul	374810	4	17.64	2816750	20.0
Octadecanoic acid	19.75	3.1	ng/ul	441912	4	17.64	2816750	20.0