

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
 Data File : BG024353.D
 Acq On : 14 Oct 2016 15:16
 Operator : UM/SJ
 Sample : H5187-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPC0

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	3.646	132	137	148	rVB8	33509	68837	1.60%	0.133%
2	3.816	164	166	170	rVB4	11593	14573	0.34%	0.028%
3	4.410	264	267	272	rBV6	13088	19304	0.45%	0.037%
4	4.615	298	302	304	rBV5	14458	15398	0.36%	0.030%
5	4.997	364	367	370	rBV4	11802	16622	0.39%	0.032%
6	5.362	425	429	432	rBV6	10381	14331	0.33%	0.028%
7	5.685	481	484	487	rBV5	10768	12479	0.29%	0.024%
8	6.143	559	562	566	rBV7	9657	13710	0.32%	0.027%
9	6.319	585	592	593	rBV6	8681	12166	0.28%	0.024%
10	6.707	653	658	663	rVB6	10670	18578	0.43%	0.036%
11	6.754	663	666	671	rBV3	8875	14406	0.34%	0.028%
12	6.919	691	694	697	rVB4	9753	15490	0.36%	0.030%
13	7.089	718	723	727	rBV6	7912	14924	0.35%	0.029%
14	7.207	739	743	749	rBV8	8890	21669	0.51%	0.042%
15	7.412	768	778	795	rVB	554848	1067967	24.90%	2.070%
16	7.600	802	810	819	rBV	385198	665515	15.52%	1.290%
17	7.683	823	824	828	rVB4	10320	12320	0.29%	0.024%
18	7.806	837	845	855	rBV	496943	893543	20.83%	1.732%
19	8.288	919	927	939	rVB	587867	1096003	25.55%	2.124%
20	8.493	958	962	972	rVB9	14107	39199	0.91%	0.076%
21	8.858	1020	1024	1027	rBV5	9256	14917	0.35%	0.029%
22	8.969	1033	1043	1054	rVB2	673737	1222642	28.50%	2.370%
23	9.116	1062	1068	1070	rBV6	13115	21598	0.50%	0.042%
24	9.457	1118	1126	1134	rBV	543773	981228	22.88%	1.902%
25	9.516	1134	1136	1143	rVB7	15591	18563	0.43%	0.036%
26	9.804	1181	1185	1192	rBV6	18177	32677	0.76%	0.063%
27	10.180	1240	1249	1261	rBV2	472692	904151	21.08%	1.753%
28	10.279	1261	1266	1268	rVV6	10990	11627	0.27%	0.023%
29	10.321	1272	1273	1282	rVB7	6390	15978	0.37%	0.031%
30	10.714	1332	1340	1351	rBV	694950	1287804	30.02%	2.496%
31	11.114	1397	1408	1416	rBV	877408	1627375	37.94%	3.154%
32	11.243	1420	1430	1442	rBV	624873	1192961	27.81%	2.312%
33	11.578	1485	1487	1491	rVB5	10576	14111	0.33%	0.027%
34	11.613	1491	1493	1496	rBV4	10199	13835	0.32%	0.027%

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35	11.842	1529	1532	1535	rBV4	8704	12921	0.30%	0.025%
36	12.312	1610	1612	1619	rVB6	10212	20817	0.49%	0.040%
37	12.389	1619	1625	1629	rBV6	9784	18665	0.44%	0.036%
38	12.565	1648	1655	1658	rVB7	9157	15250	0.36%	0.030%
39	12.671	1668	1673	1678	rVV4	15112	22161	0.52%	0.043%
40	12.835	1696	1701	1706	rBV6	6973	14368	0.33%	0.028%
41	13.141	1748	1753	1763	rVB9	8737	28477	0.66%	0.055%
42	13.229	1763	1768	1769	rBV5	11780	15386	0.36%	0.030%
43	13.341	1782	1787	1790	rBV6	8291	12655	0.30%	0.025%
44	13.499	1810	1814	1818	rVB5	12285	18330	0.43%	0.036%
45	13.581	1822	1828	1831	rBV5	17691	30704	0.72%	0.060%
46	13.634	1832	1837	1843	rVB7	29224	51542	1.20%	0.100%
47	13.769	1854	1860	1865	rBV8	19873	31807	0.74%	0.062%
48	14.069	1906	1911	1917	rVB8	43806	72879	1.70%	0.141%
49	14.292	1942	1949	1953	rBV	1474884	2174253	50.69%	4.214%
50	14.339	1953	1957	1963	rVB	534836	765938	17.86%	1.485%
51	14.598	1993	2001	2015	rBV	1472225	2372456	55.31%	4.599%
52	14.721	2015	2022	2024	rBV6	8797	16172	0.38%	0.031%
53	14.757	2024	2028	2032	rVV3	23797	30628	0.71%	0.059%
54	14.898	2043	2052	2061	rBV	1600852	2538542	59.18%	4.921%
55	15.062	2067	2080	2089	rBV	791989	1313438	30.62%	2.546%
56	15.262	2109	2114	2118	rVB6	39930	62771	1.46%	0.122%
57	15.368	2128	2132	2138	rVB6	17527	28567	0.67%	0.055%
58	15.432	2138	2143	2146	rBV7	12835	19287	0.45%	0.037%
59	15.661	2178	2182	2185	rBV5	11986	15434	0.36%	0.030%
60	15.703	2185	2189	2193	rVB3	50523	72750	1.70%	0.141%
61	15.885	2212	2220	2229	rBV	2100737	3212108	74.88%	6.226%
62	15.985	2231	2237	2246	rBV2	791811	1227006	28.61%	2.378%
63	16.126	2252	2261	2268	rVB2	34392	83345	1.94%	0.162%
64	16.319	2289	2294	2299	rBV9	15179	30356	0.71%	0.059%
65	16.378	2301	2304	2306	rBV4	10016	11970	0.28%	0.023%
66	16.460	2310	2318	2321	rBV10	10302	31228	0.73%	0.061%
67	16.560	2330	2335	2344	rBV	65603	135307	3.15%	0.262%
68	16.660	2349	2352	2354	rBV4	10667	13580	0.32%	0.026%
69	16.801	2370	2376	2377	rBV5	9742	20787	0.48%	0.040%
70	16.836	2377	2382	2389	rBV9	16651	33988	0.79%	0.066%
71	16.901	2389	2393	2395	rBV5	17250	19439	0.45%	0.038%

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72	17.060	2418	2420	2424	rBV4	12461	14015	0.33%	0.027%
73	17.130	2429	2432	2436	rBV5	12409	17540	0.41%	0.034%
74	17.224	2445	2448	2450	rBV4	11545	13687	0.32%	0.027%
75	17.354	2466	2470	2475	rBV3	54580	73437	1.71%	0.142%
76	17.406	2476	2479	2489	rVV10	17496	46219	1.08%	0.090%
77	17.489	2489	2493	2500	rVB9	19067	40486	0.94%	0.078%
78	17.641	2512	2519	2529	rBV	2148502	3338007	77.82%	6.470%
79	17.741	2529	2536	2545	rVV2	2258884	3647323	85.03%	7.070%
80	17.894	2557	2562	2569	rBV10	16237	31418	0.73%	0.061%
81	17.976	2571	2576	2586	rVB2	134064	210306	4.90%	0.408%
82	18.094	2593	2596	2600	rVB5	19012	20083	0.47%	0.039%
83	18.205	2614	2615	2622	rBV7	9346	16400	0.38%	0.032%
84	18.370	2636	2643	2647	rBV6	47749	94639	2.21%	0.183%
85	18.429	2649	2653	2658	rBV5	71472	85047	1.98%	0.165%
86	18.482	2658	2662	2673	rBV	436683	620306	14.46%	1.202%
87	18.681	2693	2696	2701	rVB7	12132	20357	0.47%	0.039%
88	18.969	2742	2745	2749	rBV6	17148	16651	0.39%	0.032%
89	19.222	2785	2788	2790	rBV4	14077	18151	0.42%	0.035%
90	19.339	2803	2808	2813	rBV9	34348	49326	1.15%	0.096%
91	19.533	2838	2841	2845	rBV6	16878	27629	0.64%	0.054%
92	19.639	2850	2859	2869	rVB10	81456	223432	5.21%	0.433%
93	19.739	2871	2876	2890	rBV3	240994	358918	8.37%	0.696%
94	19.898	2899	2903	2912	rBV7	38505	78610	1.83%	0.152%
95	20.009	2914	2922	2930	rVB	2936192	4289454	100.00%	8.314%
96	21.525	3175	3180	3188	rBV4	155359	274626	6.40%	0.532%
97	21.936	3243	3250	3264	rVB	2146051	3876491	90.37%	7.514%
98	23.699	3545	3550	3556	rVB7	66705	128763	3.00%	0.250%
99	25.144	3785	3796	3815	rVB3	1295204	4056678	94.57%	7.863%
100	25.379	3826	3836	3848	rVB3	1222228	3900707	90.94%	7.561%

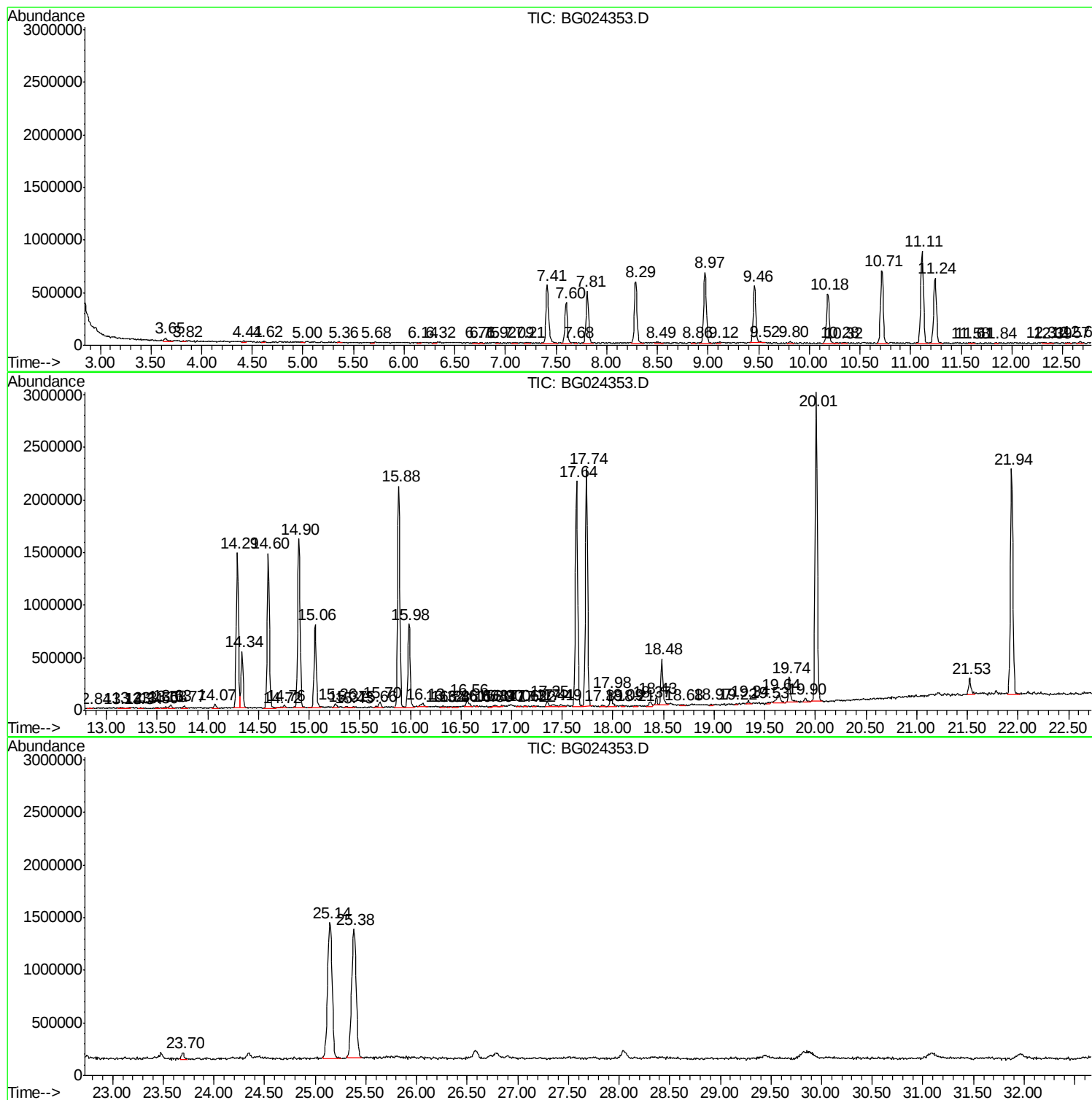
Sum of corrected areas: 51590519

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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



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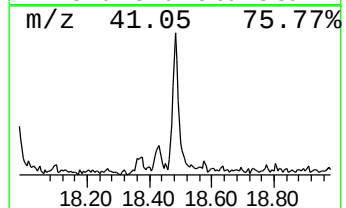
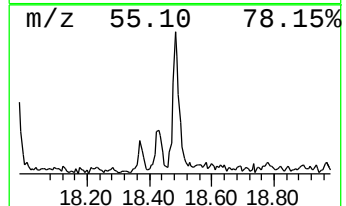
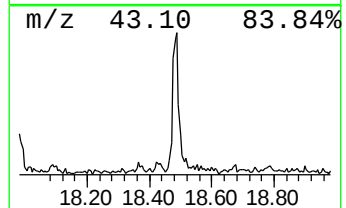
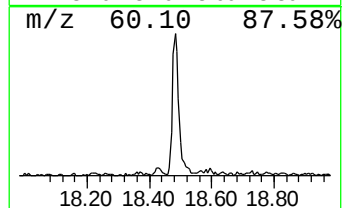
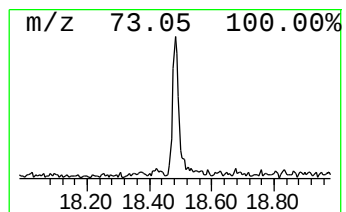
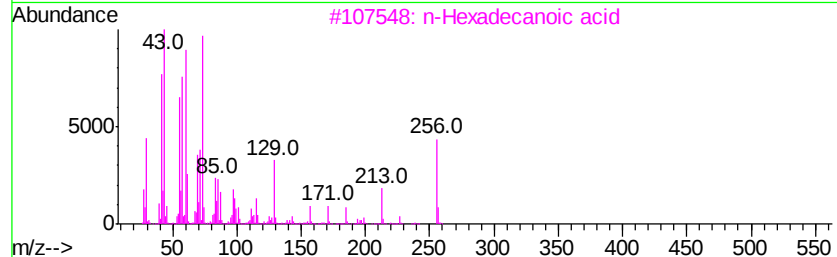
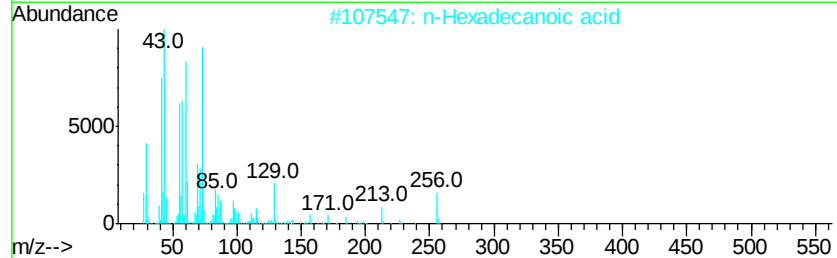
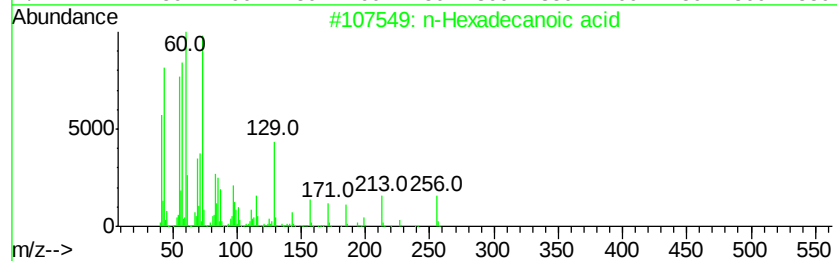
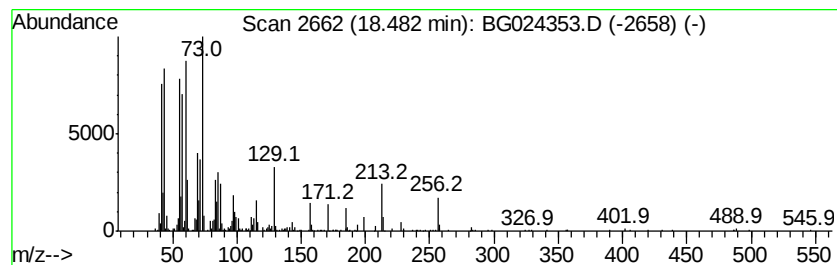
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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	3.72 ng/ul	620306	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	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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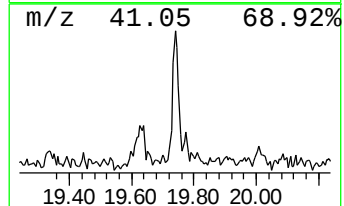
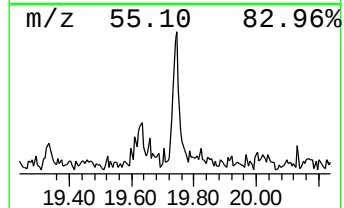
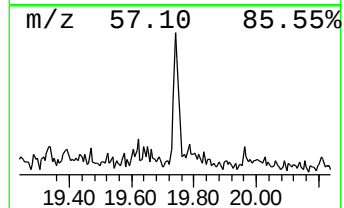
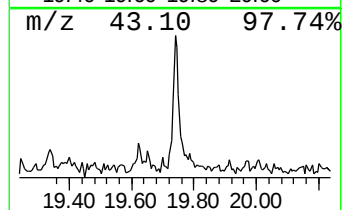
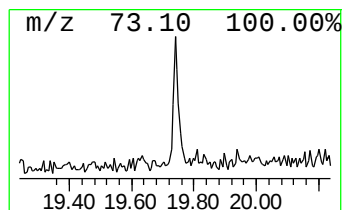
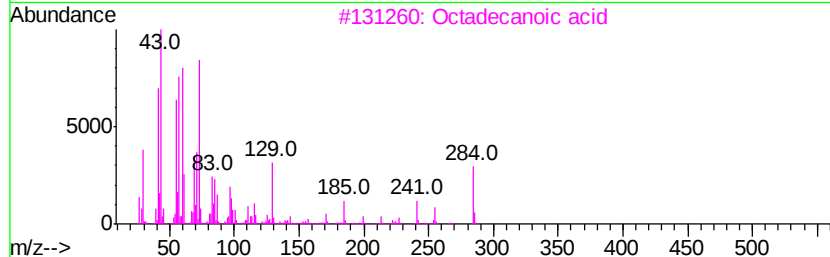
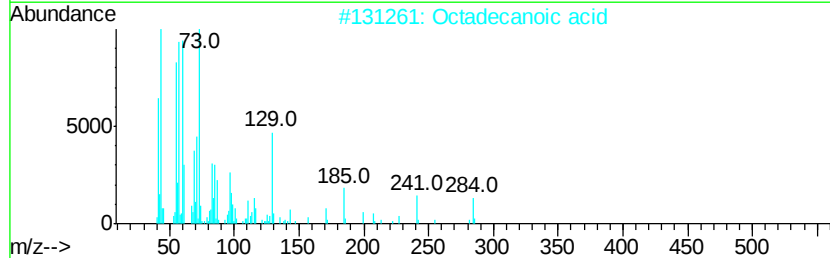
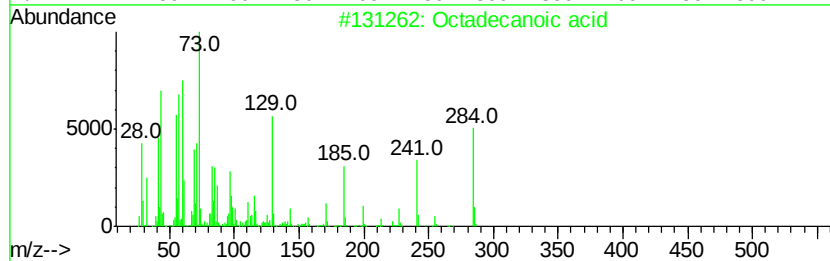
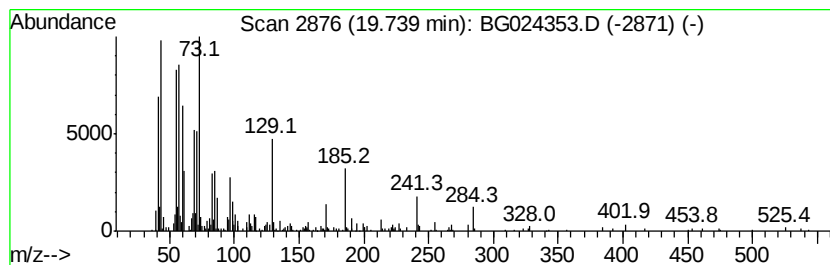
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.15 ng/ul	358918	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Octadecanoic acid	284	C18H36O2	000057-11-4	89
3			Octadecanoic acid	284	C18H36O2	000057-11-4	86
4			Octadecanoic acid	284	C18H36O2	000057-11-4	74
5			Octadecanoic acid, 2-hydroxy-1,3...	625	C39H76O5	000504-40-5	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	3.7	ng/ul	620306	4	17.64	3338010	20.0
Octadecanoic acid	19.74	2.1	ng/ul	358918	4	17.64	3338010	20.0