

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024252.D
 Acq On : 10 Oct 2016 23:40
 Operator : UM/SJ
 Sample : H5098-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNF6

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	3.654	135	139	144	rVB4	53740	74433	1.30%	0.114%
2	3.924	181	185	190	rBV2	52496	78894	1.37%	0.120%
3	4.007	197	199	202	rBV4	13011	14848	0.26%	0.023%
4	4.823	334	338	340	rVB4	11814	11549	0.20%	0.018%
5	5.099	382	385	390	rVB7	13984	21905	0.38%	0.033%
6	5.423	436	440	443	rVB5	9182	11791	0.21%	0.018%
7	5.799	503	504	511	rVB6	11892	17516	0.30%	0.027%
8	5.857	511	514	517	rBV5	9757	12704	0.22%	0.019%
9	6.045	544	546	550	rBV5	7549	12095	0.21%	0.018%
10	6.345	595	597	601	rBV5	10370	9587	0.17%	0.015%
11	6.486	619	621	625	rVB3	14678	12353	0.22%	0.019%
12	6.750	663	666	669	rBV5	13558	13314	0.23%	0.020%
13	6.962	700	702	705	rVB4	10506	9104	0.16%	0.014%
14	6.997	705	708	711	rBV4	7223	10126	0.18%	0.015%
15	7.144	731	733	735	rBV3	9847	12476	0.22%	0.019%
16	7.220	741	746	751	rBV5	28959	45484	0.79%	0.069%
17	7.420	771	780	789	rBV	888096	1608430	28.00%	2.454%
18	7.608	805	812	820	rBV	639562	1057204	18.40%	1.613%
19	7.743	832	835	836	rBV3	11236	10892	0.19%	0.017%
20	7.814	840	847	855	rVV	810928	1472630	25.63%	2.247%
21	8.208	910	914	915	rBV3	8191	11572	0.20%	0.018%
22	8.296	921	929	940	rVB	781128	1383874	24.09%	2.112%
23	8.672	990	993	996	rBV5	9430	11178	0.19%	0.017%
24	8.813	1013	1017	1018	rBV4	10804	12891	0.22%	0.020%
25	8.977	1036	1045	1058	rVB	1056316	1909300	33.23%	2.913%
26	9.148	1072	1074	1079	rBV5	10543	17816	0.31%	0.027%
27	9.406	1114	1118	1119	rVB4	10159	10260	0.18%	0.016%
28	9.465	1119	1128	1136	rBV	837868	1567594	27.29%	2.392%
29	9.518	1136	1137	1142	rVB4	24388	31212	0.54%	0.048%
30	9.618	1150	1154	1157	rBV6	7395	9471	0.16%	0.014%
31	9.718	1169	1171	1174	rBV4	10416	16094	0.28%	0.025%
32	10.029	1222	1224	1229	rBV3	7209	10237	0.18%	0.016%
33	10.193	1245	1252	1260	rBV2	708617	1334986	23.24%	2.037%
34	10.370	1278	1282	1285	rVB6	12484	22261	0.39%	0.034%

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35	10.405	1285	1288	1289	rBV3	15193	13259	0.23%	0.020%
36	10.434	1291	1293	1296	rVB4	14193	11067	0.19%	0.017%
37	10.622	1323	1325	1329	rVB4	8769	10491	0.18%	0.016%
38	10.728	1336	1343	1352	rVB	1073423	1925482	33.52%	2.938%
39	10.869	1365	1367	1368	rBV2	13714	11477	0.20%	0.018%
40	10.916	1373	1375	1379	rVB4	14446	16428	0.29%	0.025%
41	10.951	1379	1381	1384	rBV4	7753	11066	0.19%	0.017%
42	11.034	1393	1395	1400	rVB6	8012	13428	0.23%	0.020%
43	11.122	1403	1410	1418	rVB	1039349	1896459	33.01%	2.894%
44	11.251	1423	1432	1441	rBV	1033748	1915168	33.34%	2.922%
45	11.327	1444	1445	1449	rVB3	13114	12307	0.21%	0.019%
46	11.369	1449	1452	1453	rBV3	13949	10622	0.18%	0.016%
47	11.515	1473	1477	1479	rBV5	7815	11284	0.20%	0.017%
48	11.856	1532	1535	1538	rVB4	9085	9735	0.17%	0.015%
49	11.938	1547	1549	1554	rBV5	9831	9362	0.16%	0.014%
50	11.991	1554	1558	1559	rVV4	8810	10405	0.18%	0.016%
51	12.032	1563	1565	1568	rBV4	9348	10650	0.19%	0.016%
52	12.426	1629	1632	1637	rVB7	6428	9484	0.17%	0.014%
53	12.561	1652	1655	1661	rBV7	14218	24612	0.43%	0.038%
54	12.679	1668	1675	1681	rBV9	25392	55105	0.96%	0.084%
55	13.149	1753	1755	1758	rVB3	9901	9914	0.17%	0.015%
56	13.272	1769	1776	1780	rVB6	22056	45625	0.79%	0.070%
57	13.302	1780	1781	1784	rBV3	9033	11063	0.19%	0.017%
58	13.396	1795	1797	1800	rVB3	10291	9297	0.16%	0.014%
59	13.507	1809	1816	1821	rBV7	26715	49577	0.86%	0.076%
60	13.777	1857	1862	1868	rBV5	63141	104560	1.82%	0.160%
61	14.089	1911	1915	1918	rBV5	7392	12240	0.21%	0.019%
62	14.201	1933	1934	1937	rBV3	9957	11145	0.19%	0.017%
63	14.259	1940	1944	1945	rVV3	14934	17993	0.31%	0.027%
64	14.306	1945	1952	1956	rVV	1980371	3109964	54.13%	4.745%
65	14.347	1956	1959	1967	rVV	1103318	1578266	27.47%	2.408%
66	14.400	1967	1968	1976	rVB7	8489	16119	0.28%	0.025%
67	14.606	1995	2003	2010	rBV	2108929	3356063	58.42%	5.121%
68	14.688	2015	2017	2020	rBV4	7250	10975	0.19%	0.017%
69	14.765	2028	2030	2035	rVB6	17727	19746	0.34%	0.030%
70	14.906	2046	2054	2061	rBV	1729037	2765553	48.14%	4.220%
71	15.070	2074	2082	2092	rBV	1120655	1799217	31.32%	2.745%

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72	15.270	2112	2116	2121	rBV8	19368	33270	0.58%	0.051%
73	15.540	2161	2162	2166	rVB4	12472	11285	0.20%	0.017%
74	15.581	2166	2169	2171	rBV3	11414	12300	0.21%	0.019%
75	15.669	2178	2184	2187	rBV5	25194	33162	0.58%	0.051%
76	15.711	2187	2191	2196	rVV4	51243	62652	1.09%	0.096%
77	15.893	2215	2222	2229	rBV	2832796	4491206	78.18%	6.853%
78	15.993	2233	2239	2245	rBV	1012149	1555551	27.08%	2.374%
79	16.134	2257	2263	2269	rVB7	43809	102417	1.78%	0.156%
80	16.310	2290	2293	2295	rBV3	8619	9619	0.17%	0.015%
81	16.574	2334	2338	2341	rBV3	74101	89270	1.55%	0.136%
82	16.703	2359	2360	2362	rBV2	11120	9802	0.17%	0.015%
83	16.762	2368	2370	2377	rVB5	47421	58431	1.02%	0.089%
84	17.185	2439	2442	2443	rBV3	19367	15856	0.28%	0.024%
85	17.303	2460	2462	2464	rBV3	12887	11993	0.21%	0.018%
86	17.361	2468	2472	2477	rBV	87320	115782	2.02%	0.177%
87	17.420	2480	2482	2485	rBV3	16961	17012	0.30%	0.026%
88	17.649	2514	2521	2530	rBV2	2233228	3474104	60.47%	5.301%
89	17.749	2531	2538	2548	rVB2	3153825	4989969	86.86%	7.614%
90	17.961	2570	2574	2575	rBV4	12552	15778	0.27%	0.024%
91	18.102	2594	2598	2604	rVB2	70543	106876	1.86%	0.163%
92	18.495	2660	2665	2671	rBV3	409917	552595	9.62%	0.843%
93	19.101	2766	2768	2769	rBV2	16081	12147	0.21%	0.019%
94	19.612	2852	2855	2858	rBV5	55319	88335	1.54%	0.135%
95	19.753	2875	2879	2886	rBV2	331637	413652	7.20%	0.631%
96	20.017	2918	2924	2931	rBV	3860954	5744868	100.00%	8.766%
97	21.539	3179	3183	3188	rBV3	254566	345863	6.02%	0.528%
98	21.950	3247	3253	3261	rVB	2230196	4009205	69.79%	6.117%
99	25.170	3791	3801	3812	rVB2	1768152	5313955	92.50%	8.108%
100	25.405	3832	3841	3852	rVB2	1310811	4058532	70.65%	6.193%

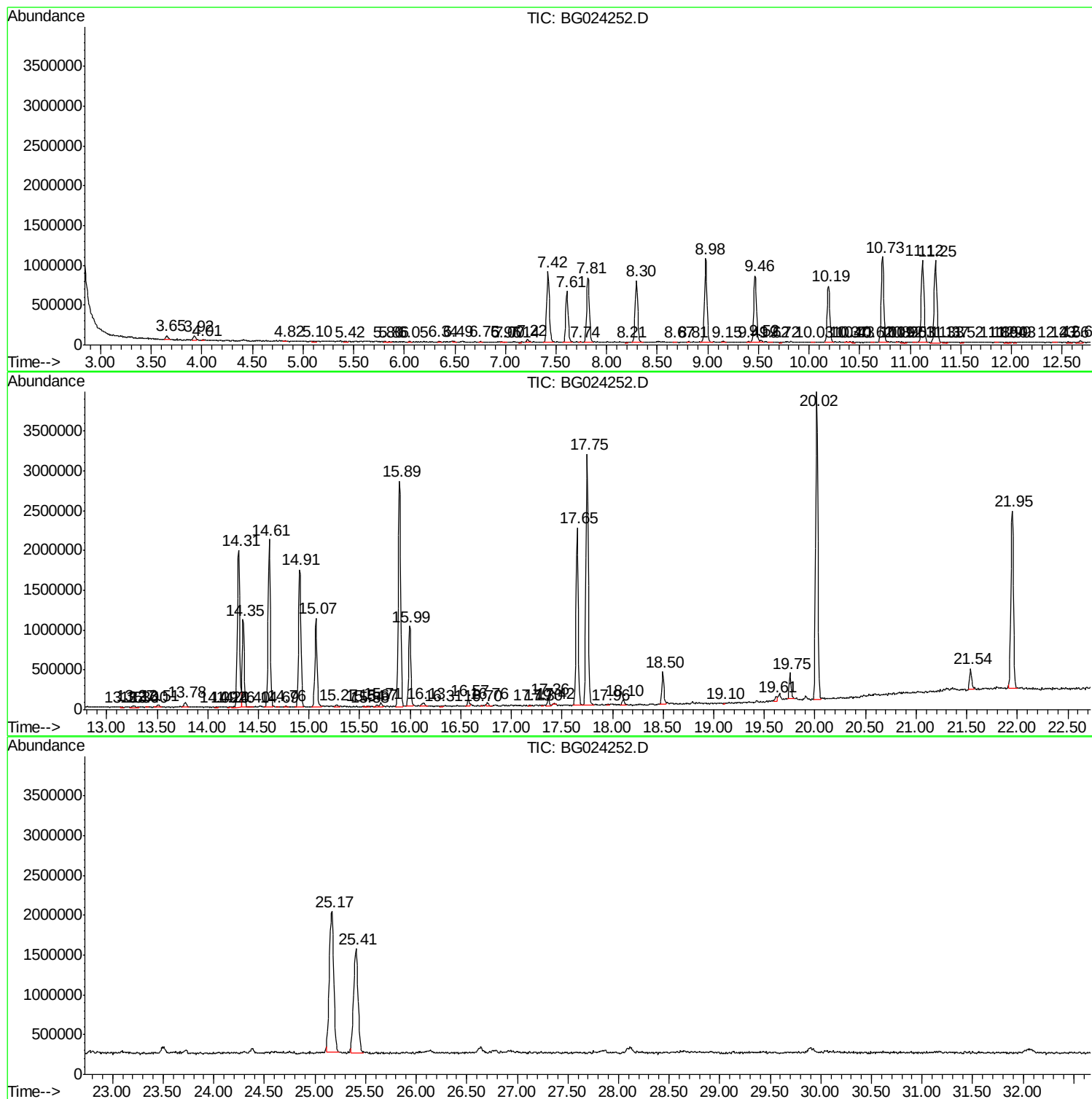
Sum of corrected areas: 65536776

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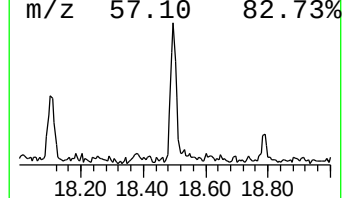
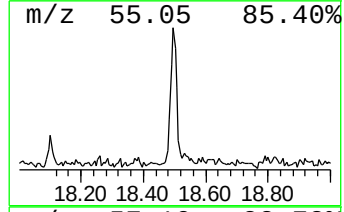
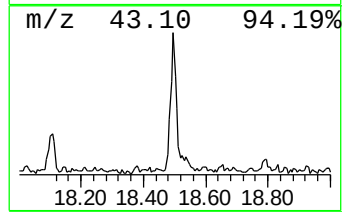
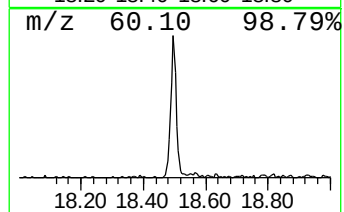
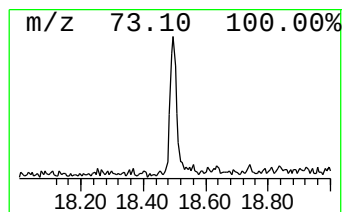
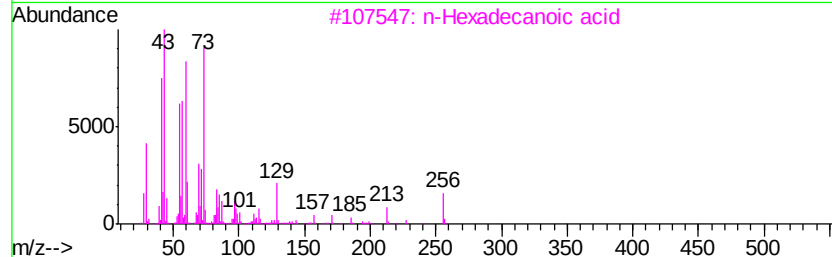
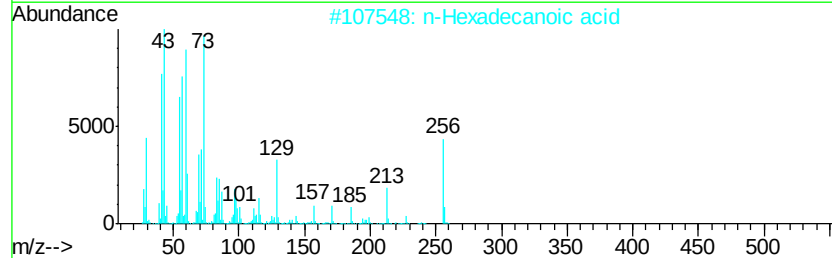
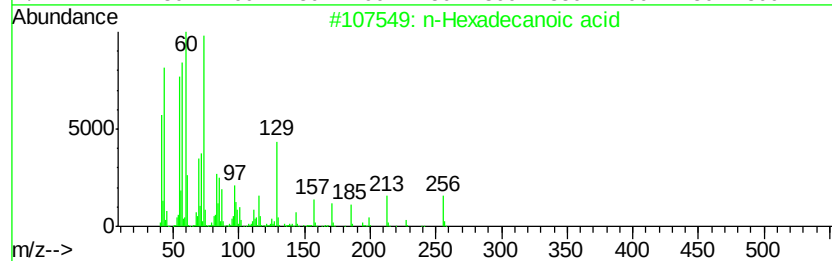
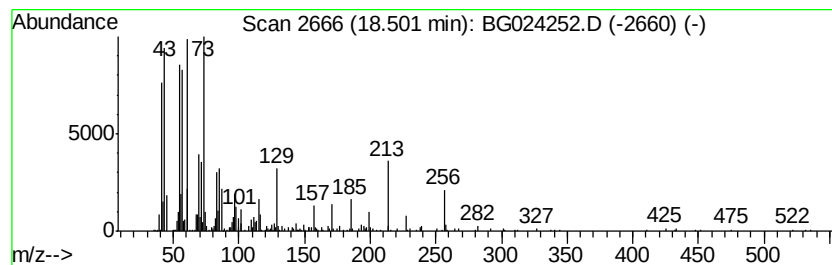
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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.
18.50	3.18 ng/ul	552595	Phenanthrene-d10	17.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81	



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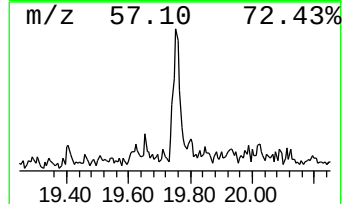
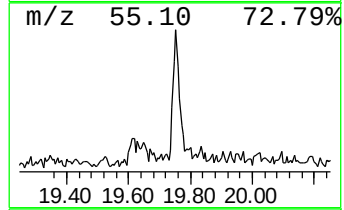
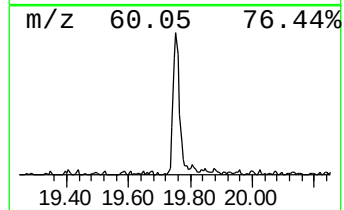
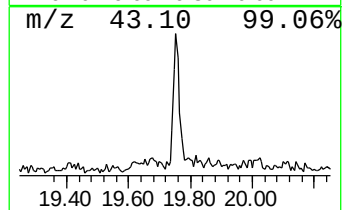
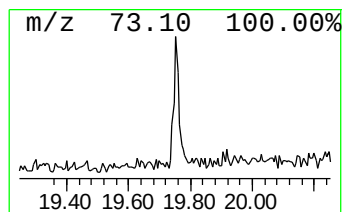
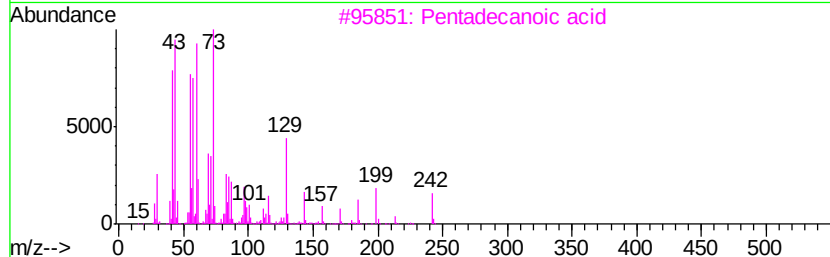
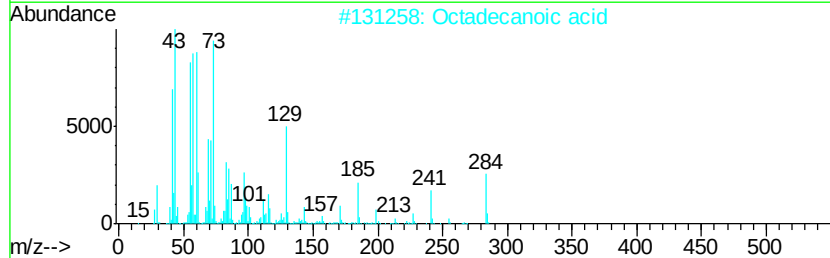
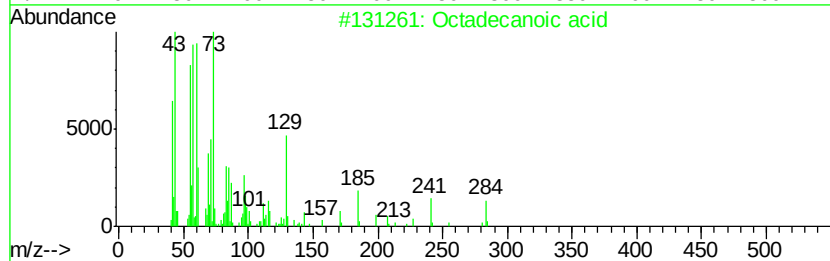
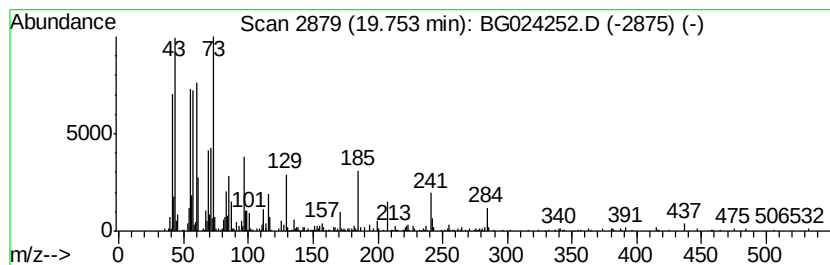
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.38 ng/ul	413652	Phenanthrene-d10	17.65

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	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Isopropyl stearate	326	C21H42O2	000112-10-7	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.50	3.2	ng/ul	552595	4	17.65	3474100	20.0
Octadecanoic acid	19.75	2.4	ng/ul	413652	4	17.65	3474100	20.0