

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024268.D
 Acq On : 11 Oct 2016 15:42
 Operator : UM/SJ
 Sample : H5113-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP78

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	4.424	267	270	276	rVB8	17052	22278	0.45%	0.045%
2	4.800	333	334	339	rVB5	8835	11704	0.23%	0.024%
3	4.982	364	365	369	rBV4	9742	13824	0.28%	0.028%
4	5.270	413	414	418	rBV4	11434	14415	0.29%	0.029%
5	5.382	426	433	435	rBV5	12085	24691	0.49%	0.050%
6	5.881	514	518	526	rVV8	8547	19085	0.38%	0.038%
7	6.028	539	543	545	rVB3	9901	15444	0.31%	0.031%
8	6.046	545	546	551	rBV4	7550	11439	0.23%	0.023%
9	6.474	616	619	626	rVB8	7725	11163	0.22%	0.022%
10	6.615	638	643	648	rBV8	9016	24482	0.49%	0.049%
11	6.992	706	707	713	rBV4	10835	15416	0.31%	0.031%
12	7.056	717	718	726	rBV6	9080	15888	0.32%	0.032%
13	7.279	752	756	758	rBV3	7645	11570	0.23%	0.023%
14	7.420	772	780	790	rBV2	204123	394202	7.88%	0.793%
15	7.509	794	795	800	rBV5	12054	14554	0.29%	0.029%
16	7.608	804	812	821	rBV	494809	869829	17.38%	1.750%
17	7.814	834	847	855	rBV	591213	1058911	21.15%	2.130%
18	7.932	863	867	872	rVB7	9296	16038	0.32%	0.032%
19	8.290	917	928	946	rBV	591236	1112692	22.23%	2.238%
20	8.525	960	968	969	rBV4	8746	13916	0.28%	0.028%
21	8.666	991	992	998	rBV4	9088	12199	0.24%	0.025%
22	8.866	1021	1026	1029	rBV7	10413	15607	0.31%	0.031%
23	8.977	1038	1045	1056	rBV	489921	877806	17.54%	1.766%
24	9.107	1064	1067	1069	rBV4	11893	15925	0.32%	0.032%
25	9.306	1097	1101	1103	rVB5	10382	14161	0.28%	0.028%
26	9.465	1117	1128	1138	rBV	733317	1346558	26.90%	2.709%
27	9.806	1179	1186	1188	rBV6	8560	12246	0.24%	0.025%
28	9.994	1209	1218	1221	rBV8	9216	20245	0.40%	0.041%
29	10.188	1243	1251	1262	rBV2	613718	1171664	23.41%	2.357%
30	10.311	1268	1272	1277	rBV7	8612	11309	0.23%	0.023%
31	10.458	1293	1297	1301	rVB6	11371	14197	0.28%	0.029%
32	10.722	1334	1342	1351	rBV2	823963	1559358	31.15%	3.137%
33	11.122	1400	1410	1418	rBV	818456	1562511	31.21%	3.143%
34	11.245	1426	1431	1437	rBV7	30332	58121	1.16%	0.117%

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35	11.510	1473	1476	1480	rBV4	7394	11240	0.22%	0.023%
36	11.780	1520	1522	1526	rBV4	9777	10958	0.22%	0.022%
37	11.856	1529	1535	1538	rBV7	9630	12847	0.26%	0.026%
38	12.080	1567	1573	1575	rBV6	7080	12498	0.25%	0.025%
39	12.450	1632	1636	1639	rVB5	7866	12463	0.25%	0.025%
40	12.532	1647	1650	1652	rBV3	10231	14889	0.30%	0.030%
41	12.685	1665	1676	1681	rBV8	20617	44907	0.90%	0.090%
42	12.890	1708	1711	1713	rBV3	15017	13878	0.28%	0.028%
43	13.020	1728	1733	1738	rVB8	9437	22432	0.45%	0.045%
44	13.261	1771	1774	1777	rBV4	9461	10761	0.21%	0.022%
45	13.343	1784	1788	1790	rBV5	8744	12860	0.26%	0.026%
46	13.496	1810	1814	1818	rBV6	10730	16122	0.32%	0.032%
47	13.695	1845	1848	1851	rVB4	13388	15236	0.30%	0.031%
48	13.737	1851	1855	1857	rBV4	9749	14199	0.28%	0.029%
49	13.778	1857	1862	1869	rVB7	28993	52824	1.06%	0.106%
50	13.854	1869	1875	1877	rVB7	10427	18457	0.37%	0.037%
51	14.001	1896	1900	1904	rBV4	10876	17530	0.35%	0.035%
52	14.224	1934	1938	1942	rBV7	6631	12738	0.25%	0.026%
53	14.301	1942	1951	1956	rBV	1730493	2573401	51.41%	5.176%
54	14.348	1957	1959	1968	rVV	96228	129602	2.59%	0.261%
55	14.442	1973	1975	1980	rVB6	9343	13868	0.28%	0.028%
56	14.494	1982	1984	1990	rBV6	9222	18545	0.37%	0.037%
57	14.606	1994	2003	2012	rBV	1712783	2802699	55.99%	5.638%
58	14.765	2026	2030	2036	rBV7	21399	38660	0.77%	0.078%
59	14.906	2045	2054	2062	rBV	1384599	2220114	44.35%	4.466%
60	15.064	2074	2081	2093	rBV3	225051	391995	7.83%	0.789%
61	15.264	2111	2115	2121	rVB8	11035	21801	0.44%	0.044%
62	15.376	2132	2134	2138	rVB5	10466	14198	0.28%	0.029%
63	15.446	2144	2146	2150	rBV5	13273	14806	0.30%	0.030%
64	15.628	2171	2177	2182	rVB5	25029	42100	0.84%	0.085%
65	15.711	2182	2191	2197	rVB4	48427	85082	1.70%	0.171%
66	15.764	2197	2200	2202	rBV4	9211	11258	0.22%	0.023%
67	15.893	2208	2222	2232	rBV	2365003	3804781	76.01%	7.653%
68	15.993	2232	2239	2251	rBV2	930744	1433572	28.64%	2.884%
69	16.128	2251	2262	2270	rBV2	38410	105667	2.11%	0.213%
70	16.198	2272	2274	2279	rBV6	8756	10997	0.22%	0.022%
71	16.469	2312	2320	2322	rVB8	11668	21466	0.43%	0.043%

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72	16.569	2332	2337	2348	rVB4	47244	93226	1.86%	0.188%
73	16.692	2351	2358	2363	rBV10	15313	35705	0.71%	0.072%
74	16.827	2376	2381	2382	rBV5	18287	24818	0.50%	0.050%
75	16.915	2392	2396	2400	rBV7	13365	23153	0.46%	0.047%
76	17.009	2408	2412	2421	rVB7	19659	48064	0.96%	0.097%
77	17.086	2421	2425	2429	rBV7	14424	22445	0.45%	0.045%
78	17.144	2434	2435	2441	rVB6	18457	22528	0.45%	0.045%
79	17.244	2449	2452	2455	rVB5	11973	14801	0.30%	0.030%
80	17.285	2455	2459	2468	rBV5	11534	31516	0.63%	0.063%
81	17.362	2468	2472	2477	rBV5	29959	42081	0.84%	0.085%
82	17.426	2480	2483	2489	rVB8	20178	32626	0.65%	0.066%
83	17.650	2511	2521	2530	rBV2	1787038	2900726	57.95%	5.835%
84	17.744	2530	2537	2549	rBV2	2492442	4145866	82.82%	8.340%
85	17.896	2562	2563	2569	rBV5	11887	18478	0.37%	0.037%
86	18.355	2638	2641	2642	rBV3	11407	11789	0.24%	0.024%
87	18.490	2660	2664	2675	rBV	231359	343254	6.86%	0.690%
88	18.766	2705	2711	2712	rBV6	19109	21488	0.43%	0.043%
89	18.860	2720	2727	2729	rBV8	19122	32158	0.64%	0.065%
90	19.142	2773	2775	2782	rVB8	14245	17190	0.34%	0.035%
91	19.583	2847	2850	2851	rBV2	15096	14095	0.28%	0.028%
92	19.606	2852	2854	2857	rVV4	24724	31525	0.63%	0.063%
93	19.653	2857	2862	2867	rVB3	52314	99706	1.99%	0.201%
94	19.753	2873	2879	2885	rBV2	259483	352122	7.03%	0.708%
95	19.906	2901	2905	2909	rVB5	38651	53012	1.06%	0.107%
96	20.017	2916	2924	2934	rBV	3199746	5005660	100.00%	10.069%
97	21.533	3179	3182	3188	rBV8	76186	131956	2.64%	0.265%
98	21.945	3245	3252	3261	rBV	1917781	3449025	68.90%	6.938%
99	25.153	3788	3798	3812	rVB2	1491858	4712317	94.14%	9.479%
100	25.393	3829	3839	3856	rVB2	1173124	3517201	70.26%	7.075%

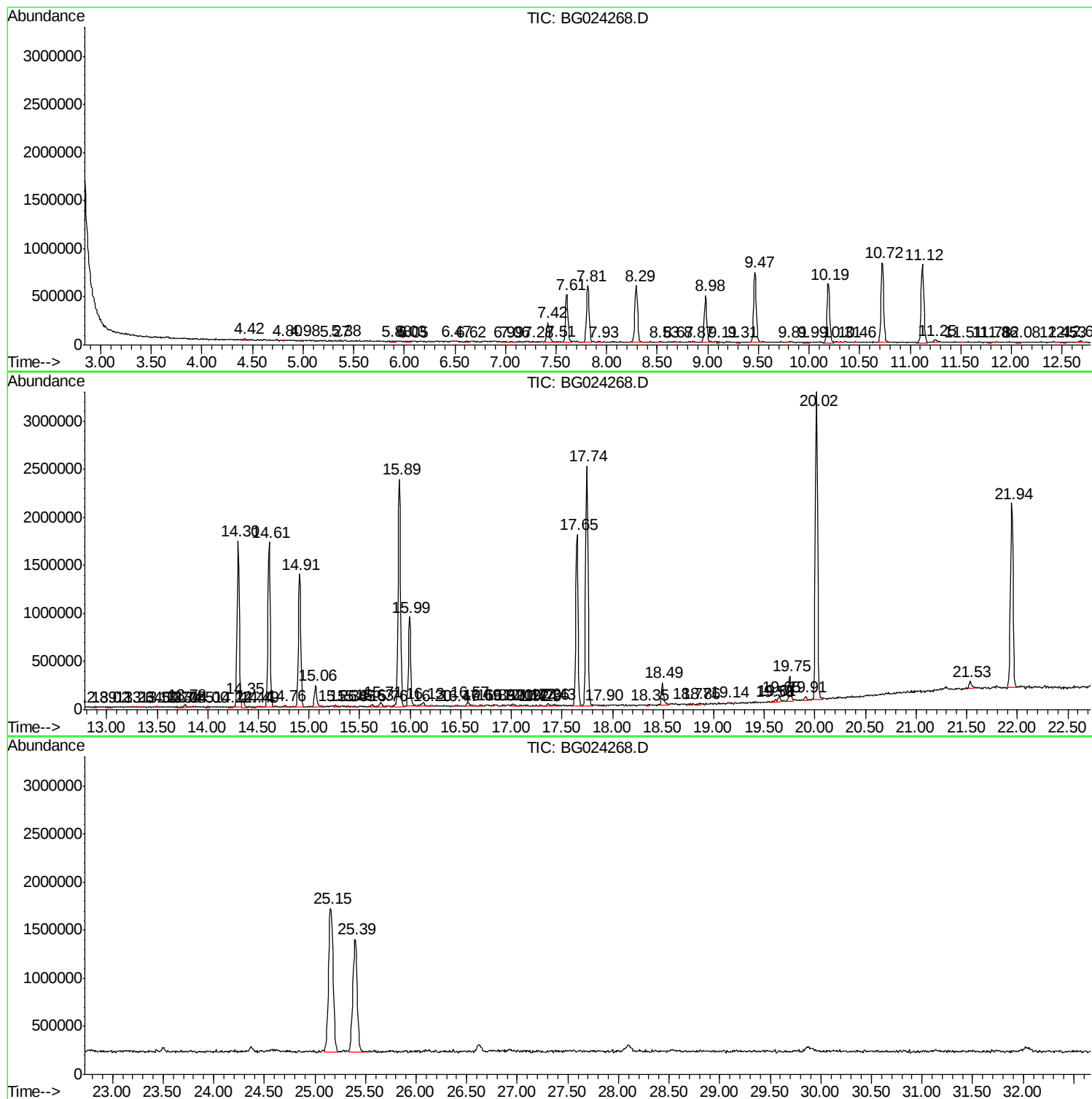
Sum of corrected areas: 49713430

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



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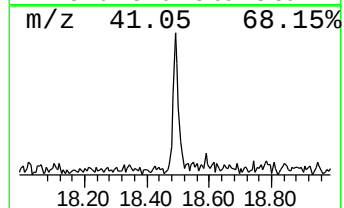
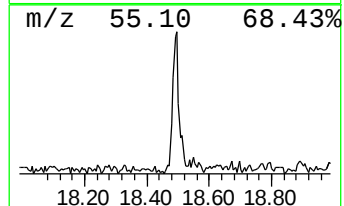
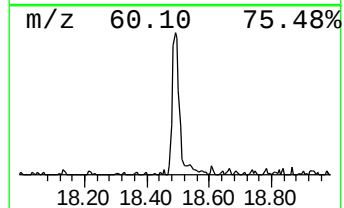
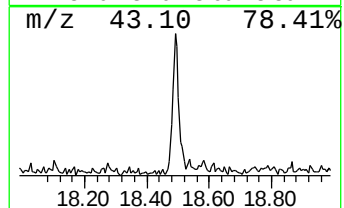
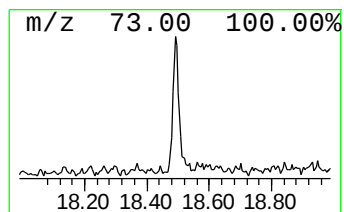
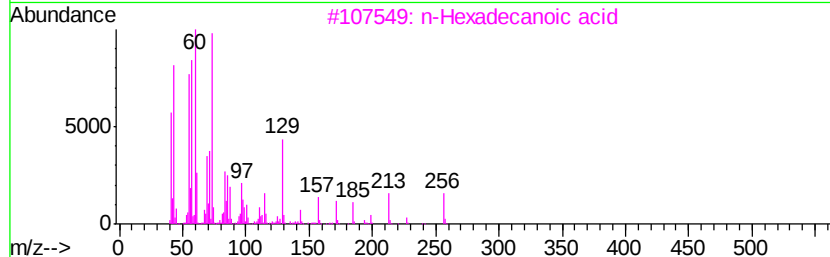
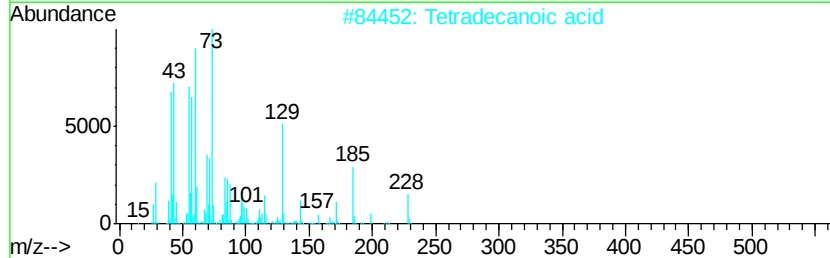
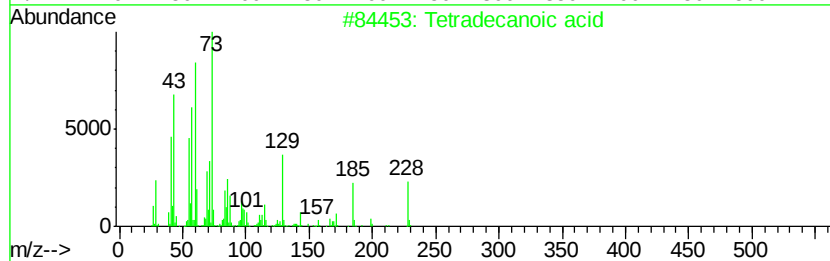
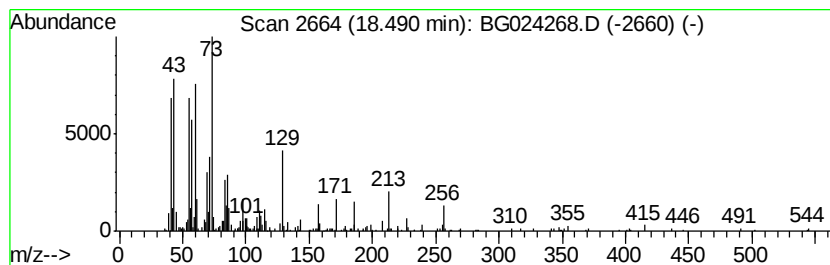
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.37 ng/ul	343254	Phenanthrene-d10	17.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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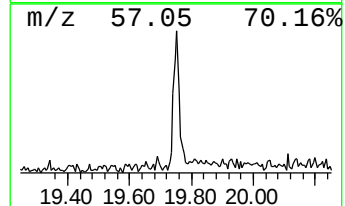
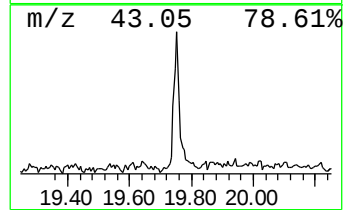
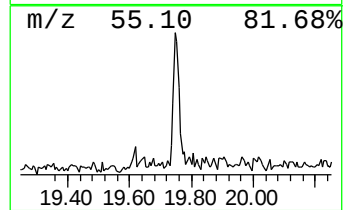
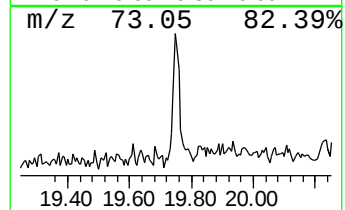
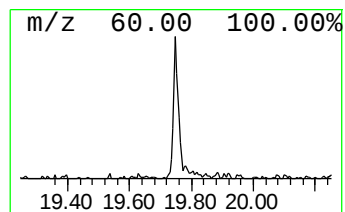
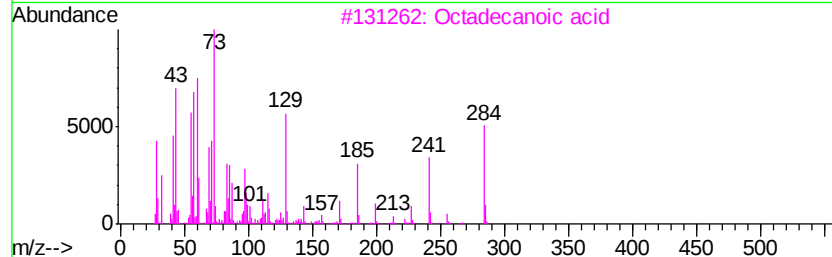
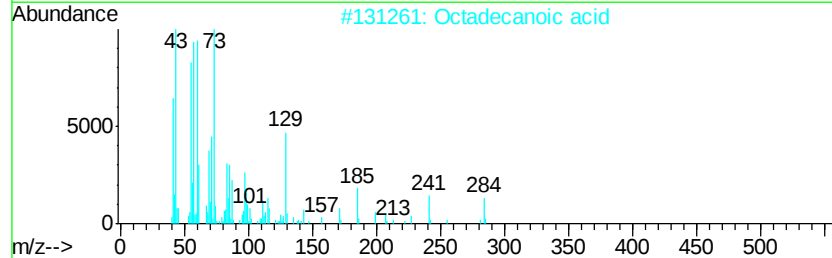
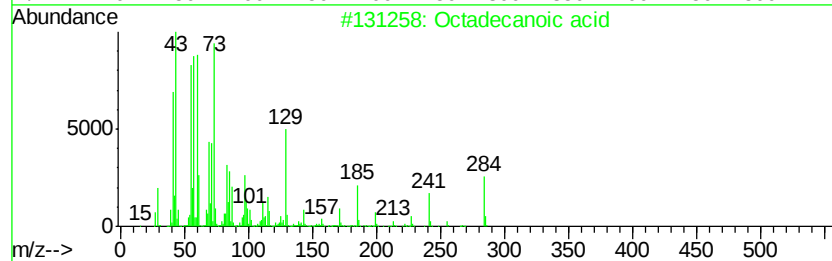
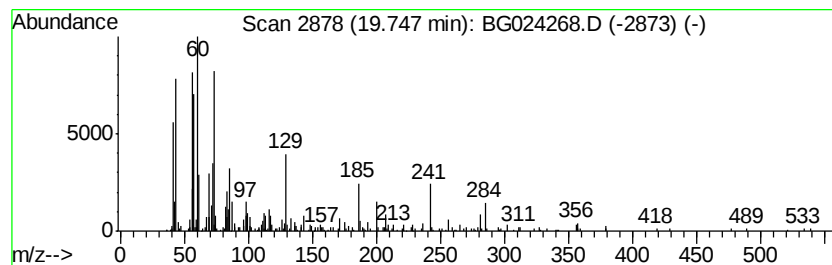
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.43 ng/ul	352122	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2		Octadecanoic acid	284	C18H36O2	000057-11-4	90
3		Octadecanoic acid	284	C18H36O2	000057-11-4	70
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.49	2.4	ng/ul	343254	4	17.65	2900730	20.0
Octadecanoic acid	19.75	2.4	ng/ul	352122	4	17.65	2900730	20.0