

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024402.D
 Acq On : 18 Oct 2016 3:20
 Operator : UM/SJ
 Sample : H5241-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNC6

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	3.379	91	92	96	rVB4	14931	16360	0.36%	0.029%
2	3.637	133	136	144	rVB7	29994	55991	1.22%	0.099%
3	3.872	168	176	178	rBV6	12056	30447	0.66%	0.054%
4	4.413	264	268	270	rBV4	11564	12508	0.27%	0.022%
5	5.347	425	427	434	rBV5	15901	23586	0.51%	0.042%
6	5.976	531	534	540	rVB7	7649	11654	0.25%	0.021%
7	6.469	616	618	623	rVB6	9966	15766	0.34%	0.028%
8	6.693	653	656	660	rVB4	12314	14384	0.31%	0.025%
9	6.822	674	678	680	rVB3	8963	12003	0.26%	0.021%
10	7.362	763	770	772	rVB6	10356	15318	0.33%	0.027%
11	7.410	772	778	789	rBV	563162	1052055	22.94%	1.854%
12	7.598	797	810	820	rBV	407690	714096	15.57%	1.258%
13	7.809	837	846	858	rVB	509028	949593	20.70%	1.673%
14	8.173	903	908	916	rVB9	9127	22477	0.49%	0.040%
15	8.285	916	927	941	rVB2	675391	1267261	27.63%	2.233%
16	8.449	948	955	957	rBV6	8574	17541	0.38%	0.031%
17	8.966	1034	1043	1055	rVB	713801	1296856	28.27%	2.285%
18	9.460	1118	1127	1134	rBV	572575	1080846	23.56%	1.905%
19	9.813	1181	1187	1192	rVV8	18934	34741	0.76%	0.061%
20	9.854	1192	1194	1199	rVB5	10774	12087	0.26%	0.021%
21	9.995	1215	1218	1221	rBV5	8981	11515	0.25%	0.020%
22	10.100	1232	1236	1238	rVB5	8200	12043	0.26%	0.021%
23	10.183	1242	1250	1259	rVV	487958	908621	19.81%	1.601%
24	10.717	1333	1341	1351	rVB	757571	1390122	30.31%	2.450%
25	10.970	1379	1384	1386	rBV4	9313	16174	0.35%	0.029%
26	11.111	1401	1408	1419	rVB	1046928	1970294	42.96%	3.472%
27	11.240	1419	1430	1440	rBV	740194	1391744	30.34%	2.453%
28	11.663	1497	1502	1510	rVB8	6005	13888	0.30%	0.024%
29	12.286	1603	1608	1615	rBV7	11076	17213	0.38%	0.030%
30	12.410	1624	1629	1634	rVB8	6030	15451	0.34%	0.027%
31	12.474	1634	1640	1642	rBV6	8317	13195	0.29%	0.023%
32	12.598	1657	1661	1666	rVB7	8235	15306	0.33%	0.027%
33	12.668	1666	1673	1679	rBV7	19610	41396	0.90%	0.073%
34	12.962	1719	1723	1727	rBV6	8518	13945	0.30%	0.025%

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35	13.026	1727	1734	1736	rVV4	9415	16988	0.37%	0.030%
36	13.056	1736	1739	1742	rVB4	7998	11827	0.26%	0.021%
37	13.267	1769	1775	1777	rBV5	6520	12918	0.28%	0.023%
38	13.491	1809	1813	1816	rVB5	10571	16313	0.36%	0.029%
39	13.690	1840	1847	1850	rVB7	12113	21791	0.48%	0.038%
40	13.761	1850	1859	1867	rBV4	62207	120623	2.63%	0.213%
41	13.831	1867	1871	1875	rBV5	7705	12556	0.27%	0.022%
42	14.119	1914	1920	1924	rBV9	8193	13776	0.30%	0.024%
43	14.290	1938	1949	1953	rBV	1553516	2370466	51.68%	4.177%
44	14.337	1953	1957	1964	rVB	583430	859093	18.73%	1.514%
45	14.595	1993	2001	2012	rVV	1581687	2584660	56.35%	4.555%
46	14.754	2021	2028	2032	rBV5	37470	54597	1.19%	0.096%
47	14.901	2042	2053	2062	rVB	1921337	3121556	68.06%	5.501%
48	15.059	2071	2080	2090	rVB2	699359	1154922	25.18%	2.035%
49	15.124	2090	2091	2094	rBV3	11654	13475	0.29%	0.024%
50	15.200	2100	2104	2107	rVB6	12339	19528	0.43%	0.034%
51	15.259	2109	2114	2117	rVB7	18722	26256	0.57%	0.046%
52	15.306	2118	2122	2125	rVB5	11980	18935	0.41%	0.033%
53	15.365	2128	2132	2138	rVB6	20673	30272	0.66%	0.053%
54	15.441	2141	2145	2147	rBV4	14078	16663	0.36%	0.029%
55	15.588	2165	2170	2172	rBV6	11595	19238	0.42%	0.034%
56	15.659	2178	2182	2184	rBV4	11396	16889	0.37%	0.030%
57	15.700	2184	2189	2193	rVB	94148	125062	2.73%	0.220%
58	15.806	2202	2207	2211	rBV5	47392	63186	1.38%	0.111%
59	15.882	2212	2220	2229	rBV	2147583	3480801	75.89%	6.134%
60	15.988	2232	2238	2246	rVB	589226	917306	20.00%	1.617%
61	16.117	2250	2260	2268	rVB7	37255	124304	2.71%	0.219%
62	16.193	2270	2273	2279	rVB8	18447	32529	0.71%	0.057%
63	16.252	2279	2283	2288	rBV7	22481	39249	0.86%	0.069%
64	16.317	2291	2294	2297	rVB4	17253	17802	0.39%	0.031%
65	16.481	2321	2322	2327	rBV4	8182	13201	0.29%	0.023%
66	16.558	2331	2335	2344	rBV	102142	166579	3.63%	0.294%
67	16.834	2377	2382	2387	rBV9	18617	32775	0.71%	0.058%
68	16.898	2389	2393	2395	rBV4	20427	21872	0.48%	0.039%
69	17.051	2415	2419	2425	rVB4	43878	53339	1.16%	0.094%
70	17.128	2429	2432	2437	rBV7	11883	17752	0.39%	0.031%
71	17.351	2466	2470	2475	rBV2	90642	143208	3.12%	0.252%

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72	17.404	2476	2479	2481	rVV4	10923	13833	0.30%	0.024%
73	17.639	2512	2519	2528	rBV2	2426815	3873741	84.46%	6.826%
74	17.739	2528	2536	2547	rVB	2371938	3771092	82.22%	6.646%
75	17.891	2557	2562	2569	rVB10	12354	23519	0.51%	0.041%
76	17.979	2569	2577	2591	rBV	658025	1106536	24.12%	1.950%
77	18.091	2592	2596	2598	rBV3	23430	24685	0.54%	0.044%
78	18.120	2599	2601	2605	rVB4	31284	33154	0.72%	0.058%
79	18.408	2648	2650	2655	rBV6	8581	12628	0.28%	0.022%
80	18.479	2657	2662	2672	rBV2	294184	451536	9.84%	0.796%
81	18.555	2672	2675	2677	rVV4	11795	14312	0.31%	0.025%
82	18.773	2707	2712	2716	rBV7	22455	40749	0.89%	0.072%
83	18.967	2740	2745	2747	rBV6	20533	33923	0.74%	0.060%
84	19.049	2756	2759	2767	rBV9	39278	73496	1.60%	0.130%
85	19.337	2804	2808	2813	rBV7	54711	93457	2.04%	0.165%
86	19.742	2871	2877	2882	rBV5	119614	178470	3.89%	0.315%
87	19.836	2890	2893	2896	rVB4	53732	60238	1.31%	0.106%
88	19.901	2899	2904	2908	rBV3	39392	58182	1.27%	0.103%
89	19.959	2912	2914	2916	rBV3	27221	19883	0.43%	0.035%
90	20.006	2916	2922	2934	rVB2	2815559	4347562	94.79%	7.661%
91	20.095	2934	2937	2942	rBV7	23491	32007	0.70%	0.056%
92	20.318	2972	2975	2976	rBV3	20863	25134	0.55%	0.044%
93	20.518	3006	3009	3016	rVB7	51148	76785	1.67%	0.135%
94	21.522	3175	3180	3191	rBV5	201122	420330	9.16%	0.741%
95	21.863	3235	3238	3243	rVV5	51158	58189	1.27%	0.103%
96	21.934	3243	3250	3259	rVB	2523367	4524703	98.65%	7.974%
97	24.325	3654	3657	3667	rBV6	57660	146854	3.20%	0.259%
98	25.136	3784	3795	3810	rVB	1366122	4163684	90.78%	7.337%
99	25.383	3824	3837	3849	rVB2	1454172	4586712	100.00%	8.083%
100	26.564	4031	4038	4047	rVB6	83258	211863	4.62%	0.373%

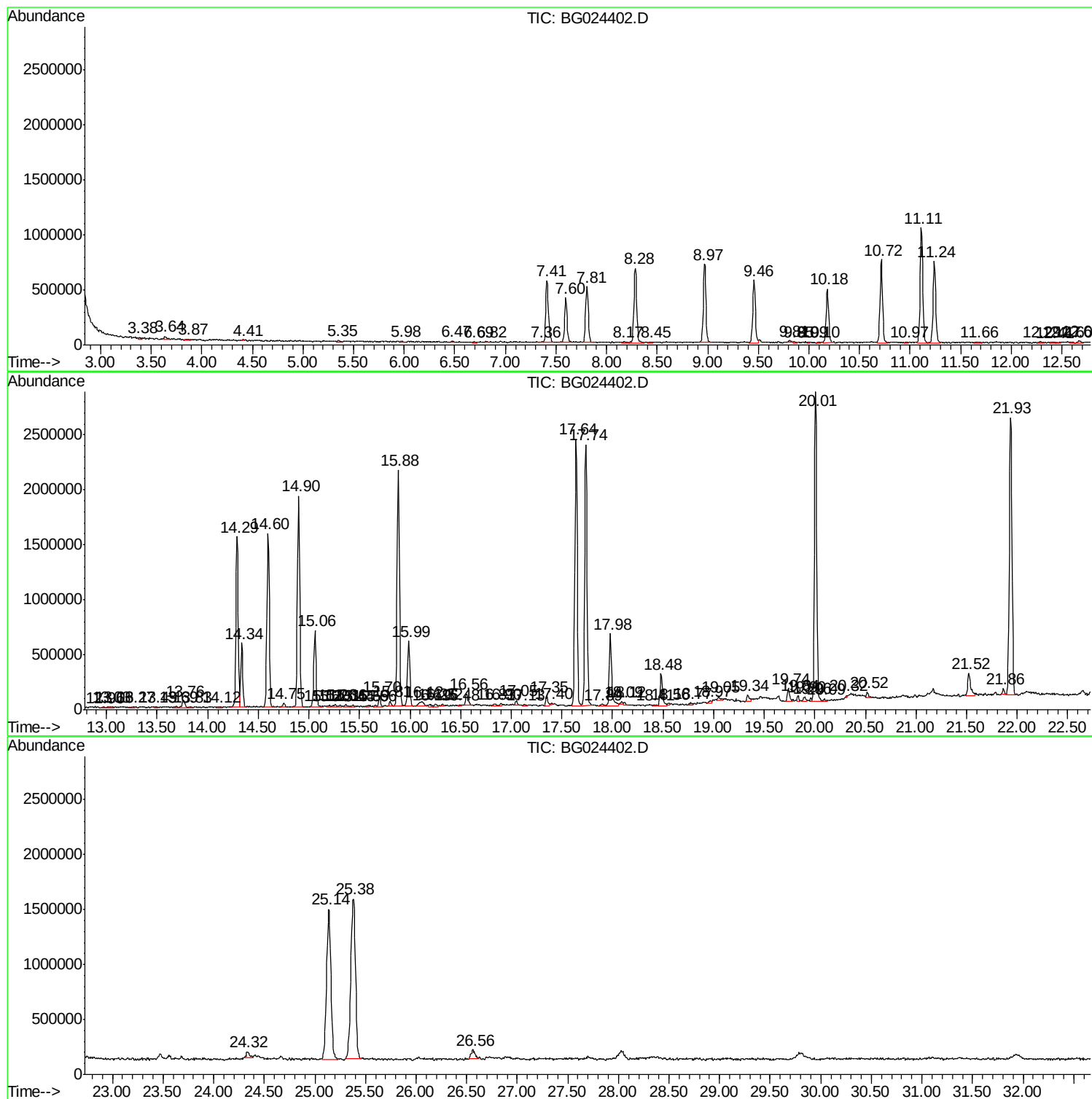
Sum of corrected areas: 56746041

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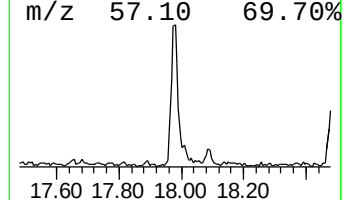
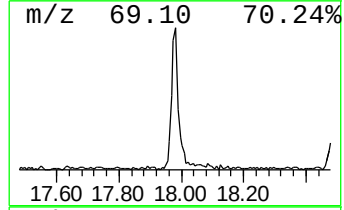
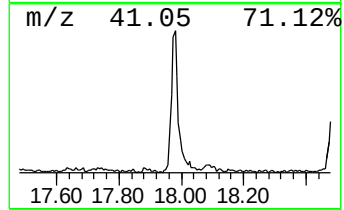
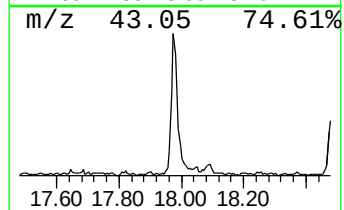
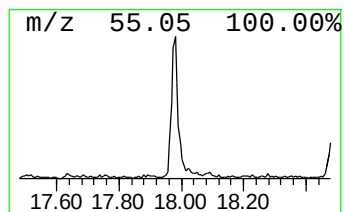
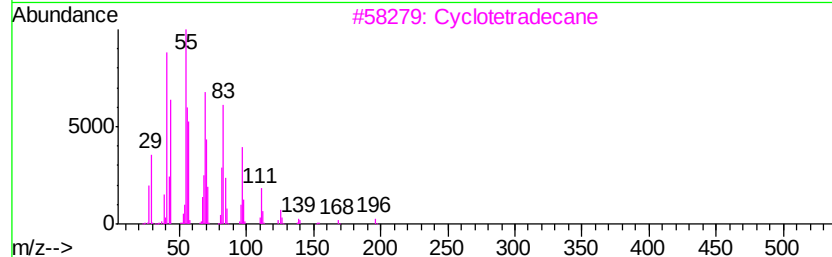
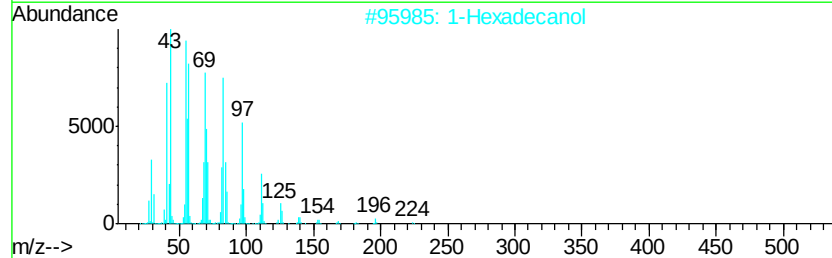
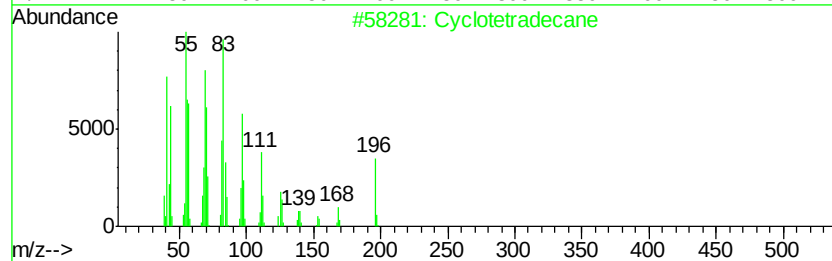
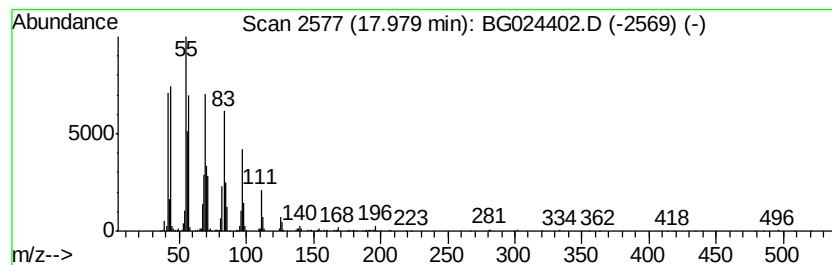
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.98	5.71 ng/ul	1106540	Phenanthrene-d10	17.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	Cyclotetradecane	196	C14H28	000295-17-0	93
4	Cetene	224	C16H32	000629-73-2	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91



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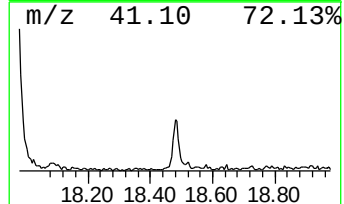
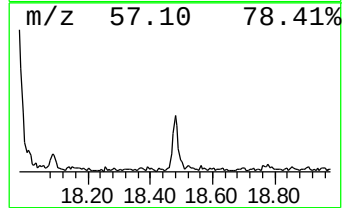
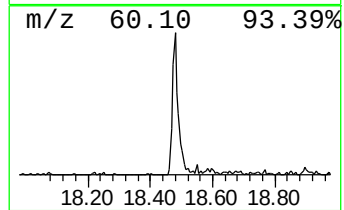
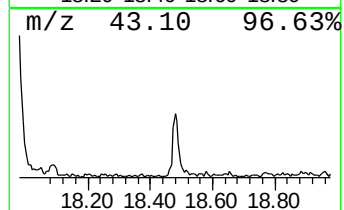
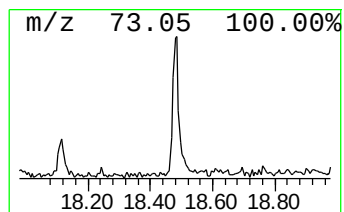
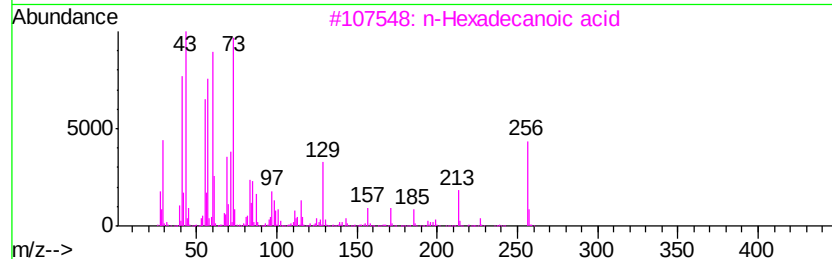
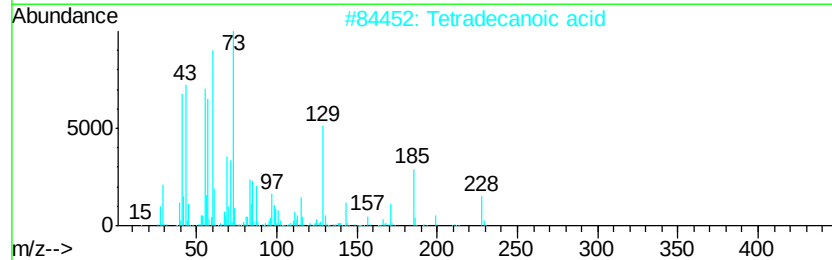
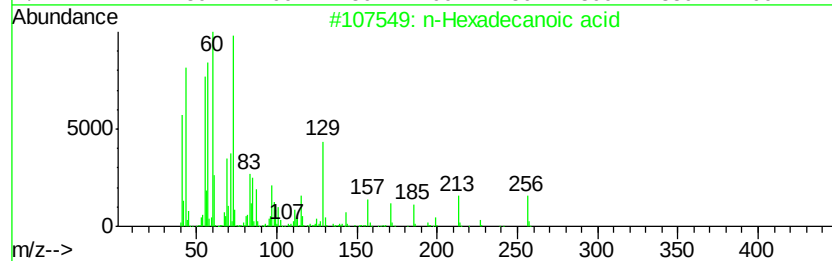
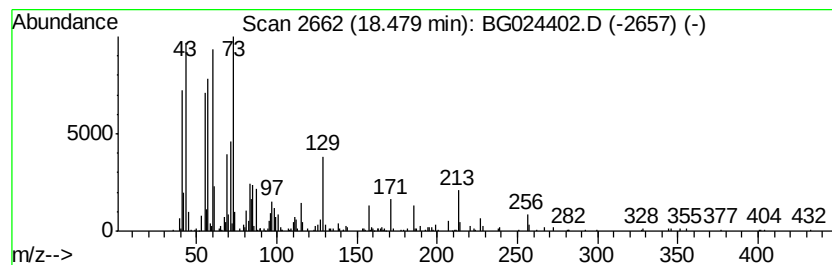
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.48	2.33 ng/ul	451536	Phenanthrene-d10		17.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	17.98	5.7	ng/ul	1106540	4	17.64	3873740	20.0
n-Hexadecanoic acid	18.48	2.3	ng/ul	451536	4	17.64	3873740	20.0