

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024410.D
 Acq On : 18 Oct 2016 8:28
 Operator : UM/SJ
 Sample : H5223-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNH7

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	3.284	74	76	80	rBV4	13033	16343	0.31%	0.024%
2	3.648	132	138	142	rBV7	33704	64904	1.23%	0.096%
3	3.777	158	160	163	rBV3	13060	14206	0.27%	0.021%
4	3.895	177	180	184	rBV5	9627	14050	0.27%	0.021%
5	4.036	203	204	209	rBV5	10493	13785	0.26%	0.020%
6	5.346	424	427	436	rVB3	29554	51728	0.98%	0.076%
7	5.475	444	449	454	rVB8	10948	27912	0.53%	0.041%
8	5.652	473	479	483	rVB8	12407	17795	0.34%	0.026%
9	5.887	514	519	523	rBV5	11257	16079	0.30%	0.024%
10	6.333	590	595	600	rBV6	11759	28913	0.55%	0.043%
11	6.439	607	613	615	rBV4	7700	15824	0.30%	0.023%
12	7.209	738	744	750	rBV7	27715	54045	1.02%	0.080%
13	7.414	770	779	795	rVB	787326	1497236	28.31%	2.207%
14	7.596	802	810	818	rBV	533539	921837	17.43%	1.359%
15	7.808	836	846	857	rVB	727094	1292584	24.44%	1.905%
16	8.284	919	927	942	rVB2	719938	1324172	25.04%	1.951%
17	8.519	965	967	972	rVB6	9852	15848	0.30%	0.023%
18	8.572	972	976	982	rBV7	16076	28226	0.53%	0.042%
19	8.971	1031	1044	1052	rBV	949143	1727914	32.68%	2.546%
20	9.236	1081	1089	1096	rBV5	7829	21657	0.41%	0.032%
21	9.459	1118	1127	1133	rBV	804315	1427880	27.00%	2.104%
22	9.523	1134	1138	1145	rVB2	75276	126099	2.38%	0.186%
23	9.806	1179	1186	1193	rVB6	22309	37742	0.71%	0.056%
24	10.182	1242	1250	1261	rBV	728115	1311752	24.81%	1.933%
25	10.716	1333	1341	1352	rBV	1008664	1837482	34.75%	2.708%
26	10.845	1362	1363	1370	rBV5	7978	19033	0.36%	0.028%
27	10.939	1375	1379	1385	rVV8	6975	15019	0.28%	0.022%
28	11.110	1397	1408	1417	rBV	1101114	2062392	39.00%	3.039%
29	11.239	1421	1430	1439	rBV	913969	1711126	32.36%	2.522%
30	11.415	1457	1460	1465	rBV6	9301	16797	0.32%	0.025%
31	11.833	1525	1531	1541	rBV9	11397	31635	0.60%	0.047%
32	12.303	1609	1611	1616	rVB5	9089	14235	0.27%	0.021%
33	12.555	1647	1654	1656	rBV6	10281	21926	0.41%	0.032%
34	12.667	1668	1673	1681	rBV7	23539	49870	0.94%	0.073%

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35	12.867	1705	1707	1715	rVB7	9363	21907	0.41%	0.032%
36	12.972	1722	1725	1729	rBV4	8567	13797	0.26%	0.020%
37	13.548	1818	1823	1827	rBV6	11028	18409	0.35%	0.027%
38	13.689	1843	1847	1854	rVV9	12635	20501	0.39%	0.030%
39	13.760	1854	1859	1867	rVB3	48755	81396	1.54%	0.120%
40	14.095	1910	1916	1922	rBV7	19256	42928	0.81%	0.063%
41	14.288	1938	1949	1953	rBV	1995632	3050895	57.70%	4.496%
42	14.335	1953	1957	1969	rVB	1179854	1747306	33.04%	2.575%
43	14.506	1982	1986	1992	rBV7	9893	15440	0.29%	0.023%
44	14.594	1992	2001	2009	rBV	2032765	3321256	62.81%	4.895%
45	14.753	2023	2028	2034	rVB5	30599	49345	0.93%	0.073%
46	14.900	2044	2053	2063	rVB	2008829	3208561	60.68%	4.729%
47	15.064	2072	2081	2098	rBV	1050410	1771939	33.51%	2.611%
48	15.264	2109	2115	2119	rVB8	22590	34183	0.65%	0.050%
49	15.381	2128	2135	2140	rBV10	11085	23246	0.44%	0.034%
50	15.475	2150	2151	2155	rBV3	10351	13716	0.26%	0.020%
51	15.616	2165	2175	2178	rBV4	30630	59444	1.12%	0.088%
52	15.657	2178	2182	2185	rVV5	20445	37727	0.71%	0.056%
53	15.699	2185	2189	2193	rVB	78253	100246	1.90%	0.148%
54	15.757	2195	2199	2202	rBV6	18241	26443	0.50%	0.039%
55	15.798	2202	2206	2212	rVV5	50737	78701	1.49%	0.116%
56	15.887	2212	2221	2231	rVB	2716761	4437147	83.91%	6.539%
57	15.986	2231	2238	2249	rBV	1055703	1632199	30.87%	2.405%
58	16.116	2251	2260	2268	rBV10	42477	116830	2.21%	0.172%
59	16.192	2270	2273	2279	rBV8	10952	20730	0.39%	0.031%
60	16.251	2281	2283	2290	rVB8	15668	24832	0.47%	0.037%
61	16.321	2291	2295	2300	rVB7	18391	19830	0.38%	0.029%
62	16.386	2303	2306	2311	rVB6	10831	17191	0.33%	0.025%
63	16.504	2321	2326	2330	rBV7	13261	25033	0.47%	0.037%
64	16.556	2330	2335	2343	rBV	96368	175664	3.32%	0.259%
65	16.727	2362	2364	2367	rBV4	13389	17610	0.33%	0.026%
66	16.833	2378	2382	2387	rVB8	21506	42401	0.80%	0.062%
67	16.903	2389	2394	2401	rBV10	23007	44339	0.84%	0.065%
68	16.991	2406	2409	2412	rBV4	15562	16525	0.31%	0.024%
69	17.044	2414	2418	2426	rVB3	49633	89074	1.68%	0.131%
70	17.355	2465	2471	2476	rBV2	265796	389128	7.36%	0.573%
71	17.637	2512	2519	2529	rBV2	2510169	3930064	74.32%	5.792%

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72	17.737	2529	2536	2546	rVB2	2902932	4684243	88.58%	6.903%
73	17.884	2557	2561	2565	rBV7	15434	23965	0.45%	0.035%
74	17.978	2572	2577	2591	rBV	397370	629080	11.90%	0.927%
75	18.090	2592	2596	2598	rVV4	43750	56730	1.07%	0.084%
76	18.119	2598	2601	2605	rVB6	36098	52140	0.99%	0.077%
77	18.266	2624	2626	2632	rVB7	15248	24572	0.46%	0.036%
78	18.366	2639	2643	2645	rBV4	12983	13523	0.26%	0.020%
79	18.431	2652	2654	2657	rBV4	11598	13787	0.26%	0.020%
80	18.484	2657	2663	2673	rBV2	419633	649503	12.28%	0.957%
81	18.777	2709	2713	2717	rBV7	15921	29958	0.57%	0.044%
82	18.942	2737	2741	2742	rBV3	15381	22073	0.42%	0.033%
83	19.048	2754	2759	2770	rBV3	42931	72006	1.36%	0.106%
84	19.277	2797	2798	2803	rBV5	17696	19442	0.37%	0.029%
85	19.330	2803	2807	2815	rVV5	31742	63522	1.20%	0.094%
86	19.383	2815	2816	2823	rBV7	15195	22605	0.43%	0.033%
87	19.641	2849	2860	2867	rBV4	58458	153150	2.90%	0.226%
88	19.735	2872	2876	2885	rBV2	248176	389235	7.36%	0.574%
89	19.829	2890	2892	2899	rVB7	38440	50737	0.96%	0.075%
90	19.894	2899	2903	2908	rBV5	37965	63062	1.19%	0.093%
91	20.005	2916	2922	2933	rBV	3494288	5287879	100.00%	7.793%
92	20.516	3006	3009	3015	rVB6	46962	60531	1.14%	0.089%
93	21.169	3116	3120	3125	rVB5	59366	104905	1.98%	0.155%
94	21.521	3174	3180	3188	rBV7	174432	335290	6.34%	0.494%
95	21.862	3235	3238	3242	rVB6	46758	68771	1.30%	0.101%
96	21.932	3243	3250	3260	rVB	2516139	4524377	85.56%	6.668%
97	22.649	3368	3372	3376	rVB7	37513	58404	1.10%	0.086%
98	23.466	3507	3511	3517	rVB8	76260	133819	2.53%	0.197%
99	25.140	3784	3796	3810	rVB2	1717644	5193914	98.22%	7.654%
100	25.375	3825	3836	3848	rVB2	1404925	4469776	84.53%	6.587%

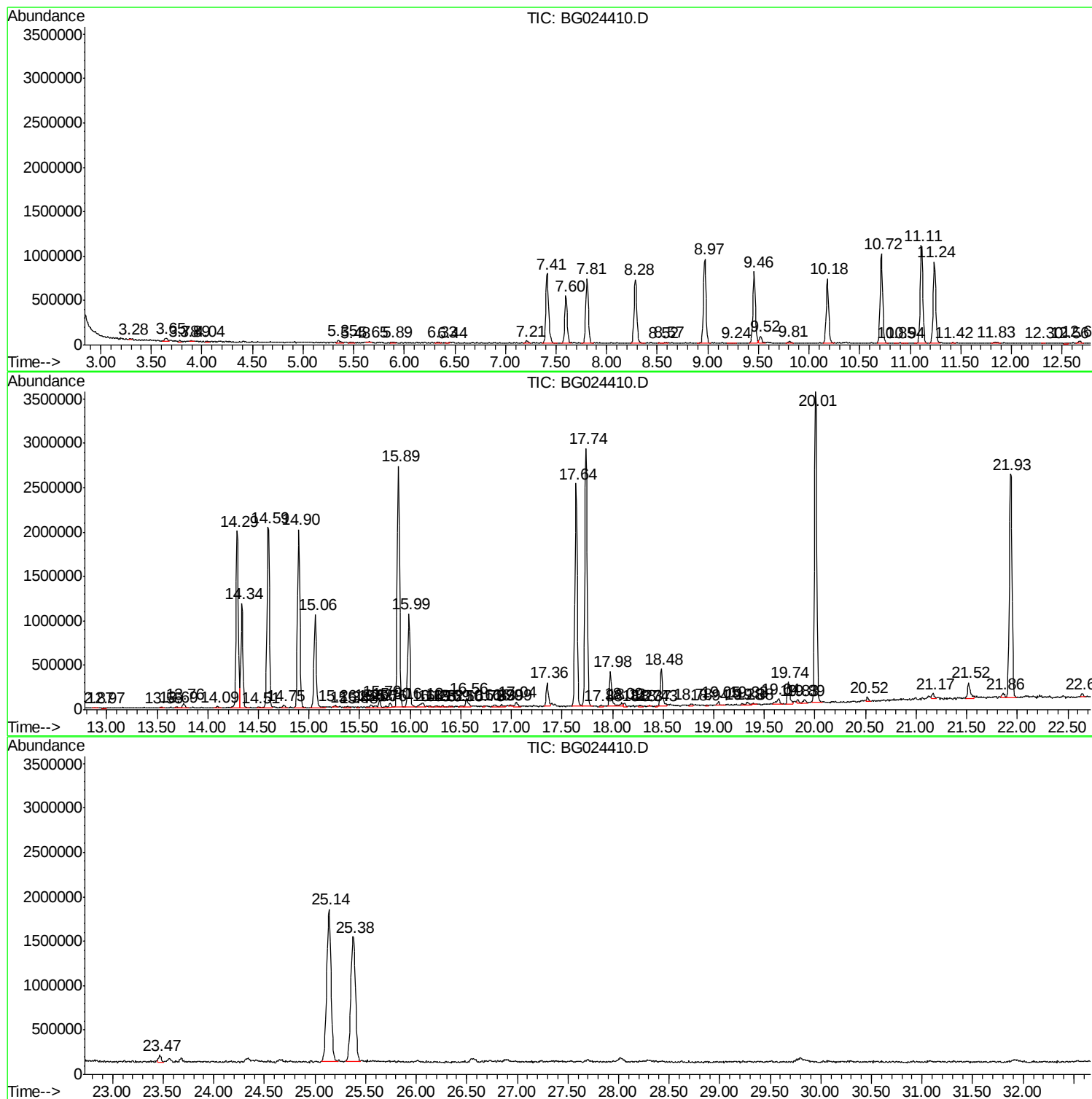
Sum of corrected areas: 67855028

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



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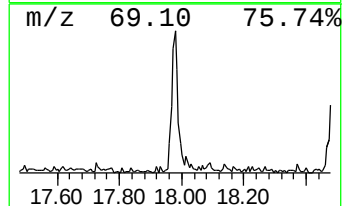
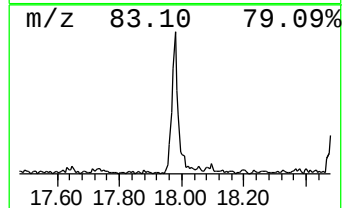
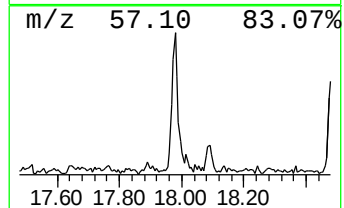
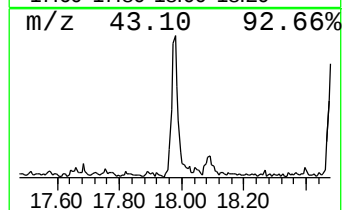
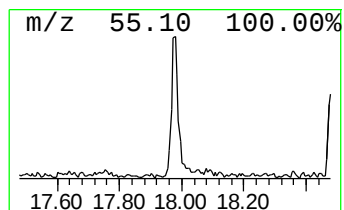
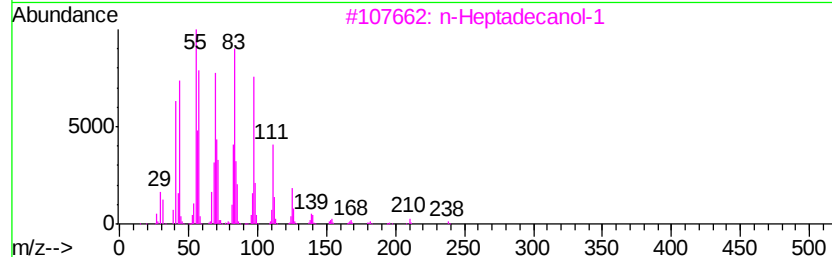
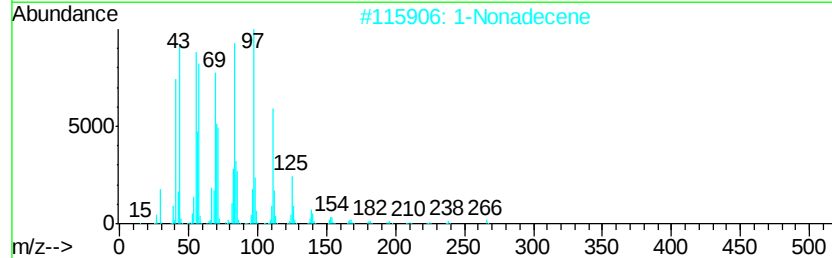
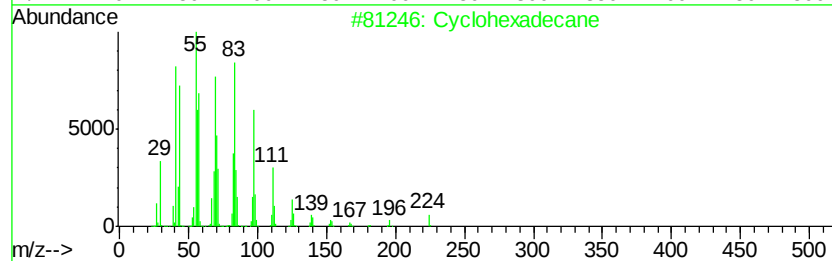
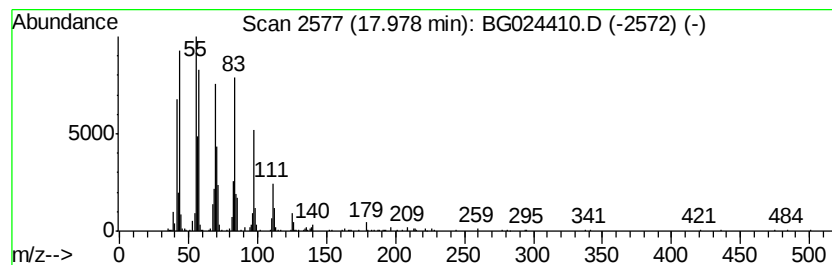
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.98	3.20 ng/ul	629080	Phenanthrene-d10		17.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexadecane	224	C16H32	000295-65-8	91
2	1-Nonadecane	266	C19H38	018435-45-5	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	76
5	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	74



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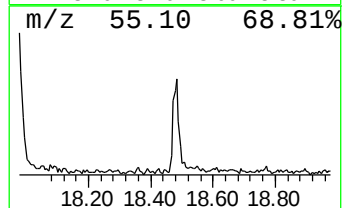
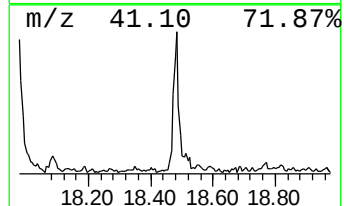
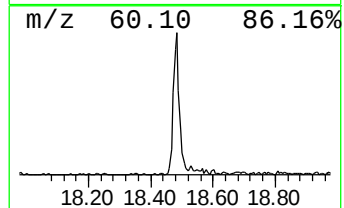
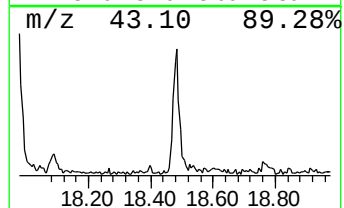
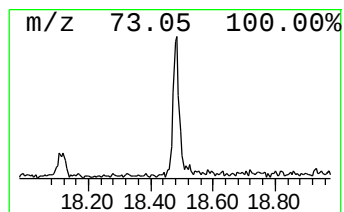
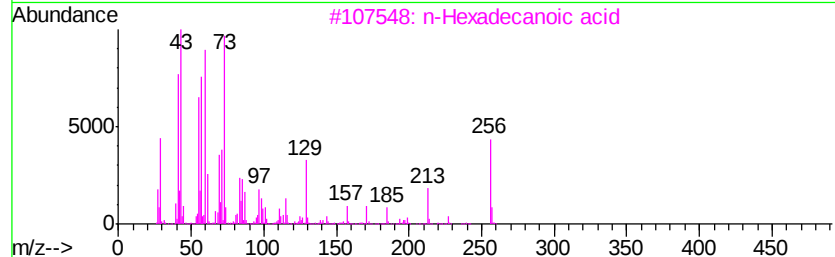
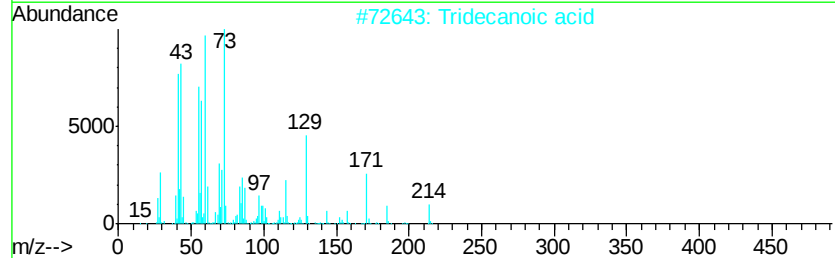
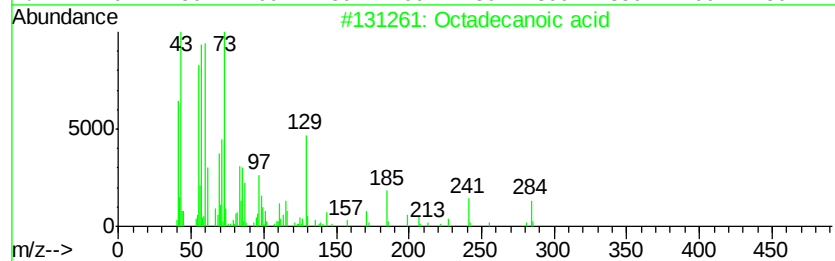
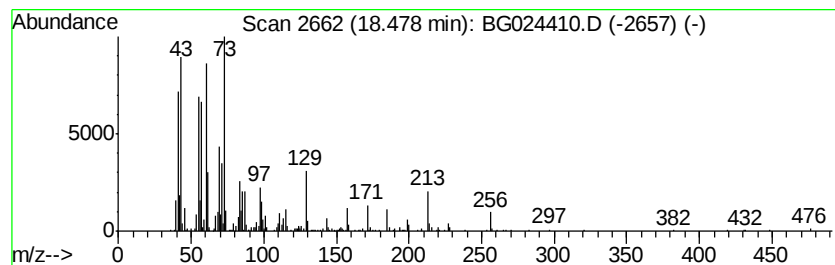
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.48	3.31 ng/ul	649503	Phenanthrene-d10		17.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	17.98	3.2	ng/ul	629080	4	17.64	3930060	20.0
Octadecanoic acid	18.48	3.3	ng/ul	649503	4	17.64	3930060	20.0