

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
 Data File : BG026734.D
 Acq On : 28 Apr 2017 5:44
 Operator : SJ/MA
 Sample : I2807-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSN6

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\SOM-EPA-BG042717.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	3.428	52	58	66	rVB2	37197	59809	1.42%	0.119%
2	3.863	130	132	136	rBV4	3500	4814	0.11%	0.010%
3	4.186	183	187	191	rVB5	6102	8743	0.21%	0.017%
4	5.349	382	385	388	rVB4	3493	4377	0.10%	0.009%
5	5.566	420	422	426	rBV4	3188	4710	0.11%	0.009%
6	5.913	479	481	487	rVB6	2766	4336	0.10%	0.009%
7	6.148	517	521	527	rBV6	3966	9570	0.23%	0.019%
8	6.219	527	533	541	rVV9	4926	13869	0.33%	0.028%
9	6.360	553	557	561	rBV5	3285	4960	0.12%	0.010%
10	7.088	679	681	686	rVB3	3667	4436	0.11%	0.009%
11	7.194	689	699	716	rBV	655228	1223726	29.03%	2.443%
12	7.335	716	723	735	rVB	585611	959263	22.75%	1.915%
13	7.429	737	739	747	rVB7	4484	6604	0.16%	0.013%
14	7.552	751	760	775	rBV	702825	1235445	29.30%	2.466%
15	7.793	795	801	803	rBV5	4448	5609	0.13%	0.011%
16	8.011	828	838	851	rBV	488571	829473	19.67%	1.656%
17	8.246	874	878	884	rBV7	3118	6359	0.15%	0.013%
18	8.728	950	960	979	rBV	888927	1689354	40.07%	3.372%
19	9.168	1026	1035	1048	rBV	670183	1188643	28.19%	2.373%
20	9.327	1056	1062	1072	rBV7	10517	28397	0.67%	0.057%
21	9.474	1085	1087	1094	rVB7	2602	4385	0.10%	0.009%
22	9.597	1101	1108	1111	rBV4	9915	17824	0.42%	0.036%
23	9.738	1129	1132	1137	rVB5	3042	6021	0.14%	0.012%
24	9.891	1149	1158	1170	rBV	590489	1049480	24.89%	2.095%
25	10.443	1243	1252	1274	rBV	878948	1715222	40.68%	3.424%
26	10.807	1305	1314	1329	rVB	801203	1446798	34.32%	2.888%
27	10.943	1329	1337	1365	rBV	958952	1806880	42.86%	3.607%
28	11.219	1380	1384	1387	rBV4	3229	4795	0.11%	0.010%
29	11.648	1450	1457	1458	rBV5	3958	6319	0.15%	0.013%
30	11.789	1473	1481	1484	rBV6	2653	6084	0.14%	0.012%
31	12.400	1577	1585	1594	rVB3	15452	33345	0.79%	0.067%
32	12.605	1615	1620	1626	rVB7	3981	8401	0.20%	0.017%
33	13.087	1697	1702	1711	rVB9	3304	7486	0.18%	0.015%
34	13.234	1719	1727	1732	rBV7	7478	12313	0.29%	0.025%

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35	13.416	1754	1758	1761	rBV4	2731	4400	0.10%	0.009%
36	13.522	1770	1776	1780	rBV7	4187	6423	0.15%	0.013%
37	14.021	1854	1861	1866	rBV	1710379	2543197	60.32%	5.077%
38	14.068	1866	1869	1877	rVB	378090	520502	12.35%	1.039%
39	14.215	1890	1894	1897	rBV4	3723	5289	0.13%	0.011%
40	14.315	1902	1911	1922	rBV	2099303	3355680	79.60%	6.698%
41	14.509	1938	1944	1950	rVB3	26118	35421	0.84%	0.071%
42	14.621	1953	1963	1978	rBV2	1245306	2020794	47.93%	4.034%
43	14.844	1994	2001	2017	rBV	422091	987751	23.43%	1.972%
44	15.120	2044	2048	2055	rVB6	11572	21468	0.51%	0.043%
45	15.196	2055	2061	2066	rVB6	7120	13708	0.33%	0.027%
46	15.249	2069	2070	2079	rVB8	3675	6934	0.16%	0.014%
47	15.361	2082	2089	2091	rBV6	4018	9172	0.22%	0.018%
48	15.408	2093	2097	2100	rBV3	12807	19719	0.47%	0.039%
49	15.455	2100	2105	2112	rVB	75397	96208	2.28%	0.192%
50	15.514	2112	2115	2120	rBV6	5817	10098	0.24%	0.020%
51	15.608	2124	2131	2142	rBV	2659242	4067544	96.48%	8.119%
52	15.731	2143	2152	2163	rBV	756733	1116749	26.49%	2.229%
53	15.854	2167	2173	2178	rVB2	52569	97627	2.32%	0.195%
54	15.896	2178	2180	2186	rVV7	7236	9434	0.22%	0.019%
55	15.954	2186	2190	2194	rVB7	10750	13905	0.33%	0.028%
56	16.007	2195	2199	2206	rBV5	11396	14205	0.34%	0.028%
57	16.072	2207	2210	2215	rVB6	16965	21296	0.51%	0.043%
58	16.178	2222	2228	2231	rBV8	7276	17339	0.41%	0.035%
59	16.313	2245	2251	2262	rVV	94870	169029	4.01%	0.337%
60	16.383	2262	2263	2274	rVB9	8230	16260	0.39%	0.032%
61	16.489	2277	2281	2284	rVB6	5319	8591	0.20%	0.017%
62	16.554	2286	2292	2293	rBV5	5593	7258	0.17%	0.014%
63	16.654	2304	2309	2317	rBV8	15126	32795	0.78%	0.065%
64	16.718	2317	2320	2324	rVB4	8967	11210	0.27%	0.022%
65	16.771	2324	2329	2333	rBV7	10078	15550	0.37%	0.031%
66	16.818	2335	2337	2345	rVB8	9888	12948	0.31%	0.026%
67	16.889	2345	2349	2352	rBV5	7684	10398	0.25%	0.021%
68	17.100	2379	2385	2390	rBV	59796	82055	1.95%	0.164%
69	17.153	2390	2394	2406	rVB4	24727	50780	1.20%	0.101%
70	17.259	2408	2412	2420	rVB4	11027	17031	0.40%	0.034%
71	17.359	2420	2429	2436	rBV2	1442418	2143625	50.85%	4.279%

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72	17.453	2438	2445	2454	rVB2	2565407	4049338	96.05%	8.083%
73	17.517	2455	2456	2463	rVV7	7661	10002	0.24%	0.020%
74	17.570	2463	2465	2470	rVB6	4520	5846	0.14%	0.012%
75	17.705	2486	2488	2491	rBV4	5529	6092	0.14%	0.012%
76	17.834	2507	2510	2516	rBV	25719	35228	0.84%	0.070%
77	18.122	2555	2559	2562	rBV6	7767	10274	0.24%	0.021%
78	18.240	2573	2579	2595	rBV	307128	580547	13.77%	1.159%
79	18.528	2625	2628	2634	rVB8	8035	12442	0.30%	0.025%
80	19.062	2717	2719	2721	rBV3	5148	4308	0.10%	0.009%
81	19.168	2732	2737	2739	rBV6	7133	12452	0.30%	0.025%
82	19.227	2745	2747	2752	rVB6	8108	7761	0.18%	0.015%
83	19.380	2767	2773	2785	rBV2	45043	122936	2.92%	0.245%
84	19.503	2789	2794	2805	rBV2	130695	257778	6.11%	0.515%
85	19.627	2810	2815	2824	rVB3	24874	57703	1.37%	0.115%
86	19.738	2827	2834	2842	rBV	2850820	4128812	97.93%	8.242%
87	20.003	2878	2879	2886	rBV7	10502	14566	0.35%	0.029%
88	20.332	2931	2935	2941	rBV9	11776	32729	0.78%	0.065%
89	20.637	2981	2987	2990	rBV8	28161	48958	1.16%	0.098%
90	20.684	2993	2995	3000	rBV5	18881	24002	0.57%	0.048%
91	21.342	3099	3107	3124	rVB5	52490	250879	5.95%	0.501%
92	21.601	3144	3151	3160	rVB	1324743	2147340	50.93%	4.286%
93	23.240	3424	3430	3438	rBV4	35103	69683	1.65%	0.139%
94	23.827	3525	3530	3537	rBV4	52164	100728	2.39%	0.201%
95	24.544	3641	3652	3666	rVB2	1527166	4215903	100.00%	8.415%
96	24.762	3678	3689	3702	rBV2	847391	2409662	57.16%	4.810%
97	25.849	3868	3874	3883	rVB4	58443	150402	3.57%	0.300%
98	27.171	4093	4099	4108	rVB3	57662	153403	3.64%	0.306%
99	28.751	4364	4368	4383	rVB3	52615	167226	3.97%	0.334%

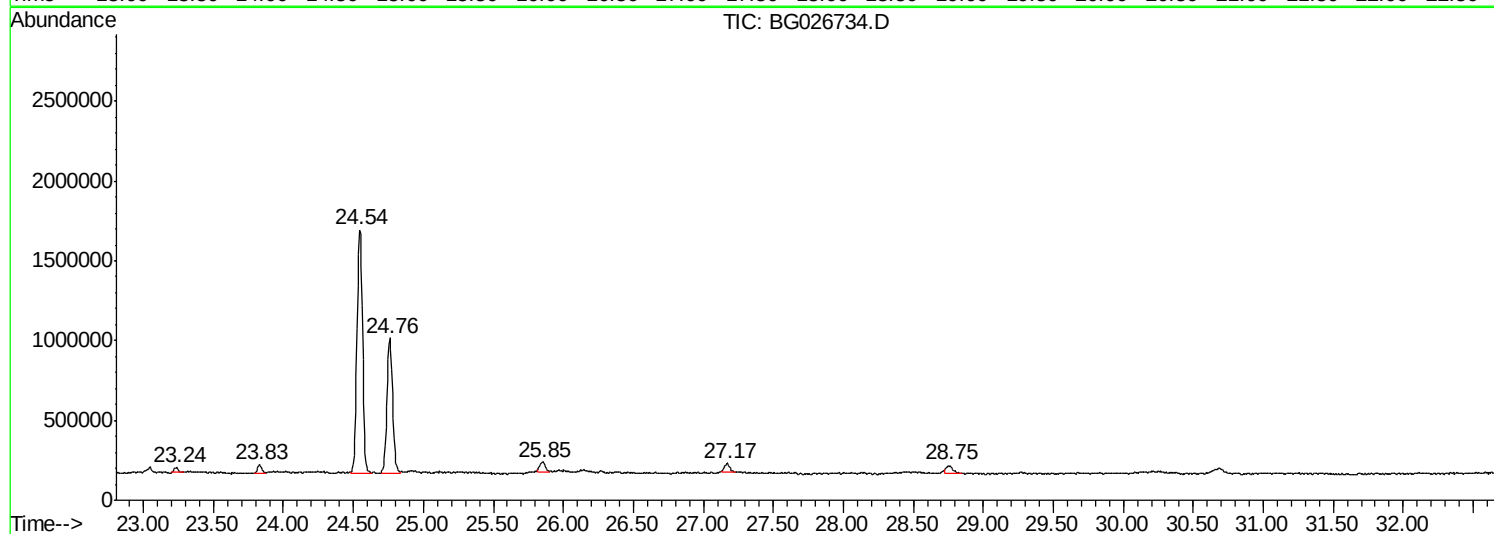
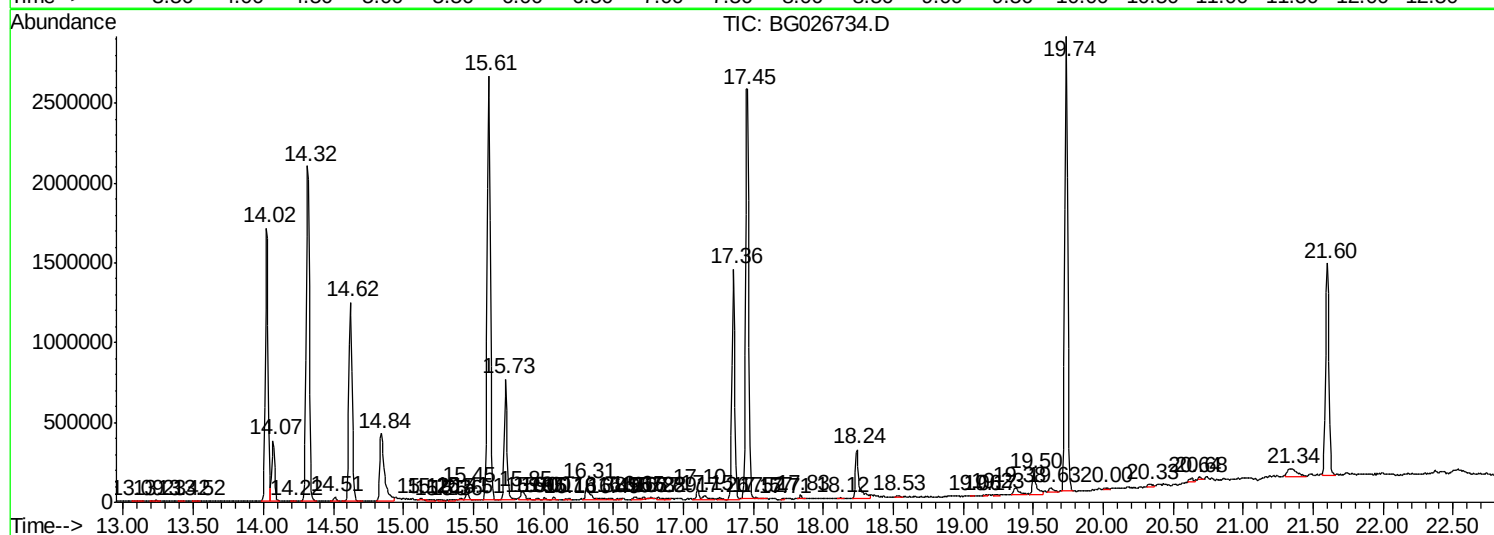
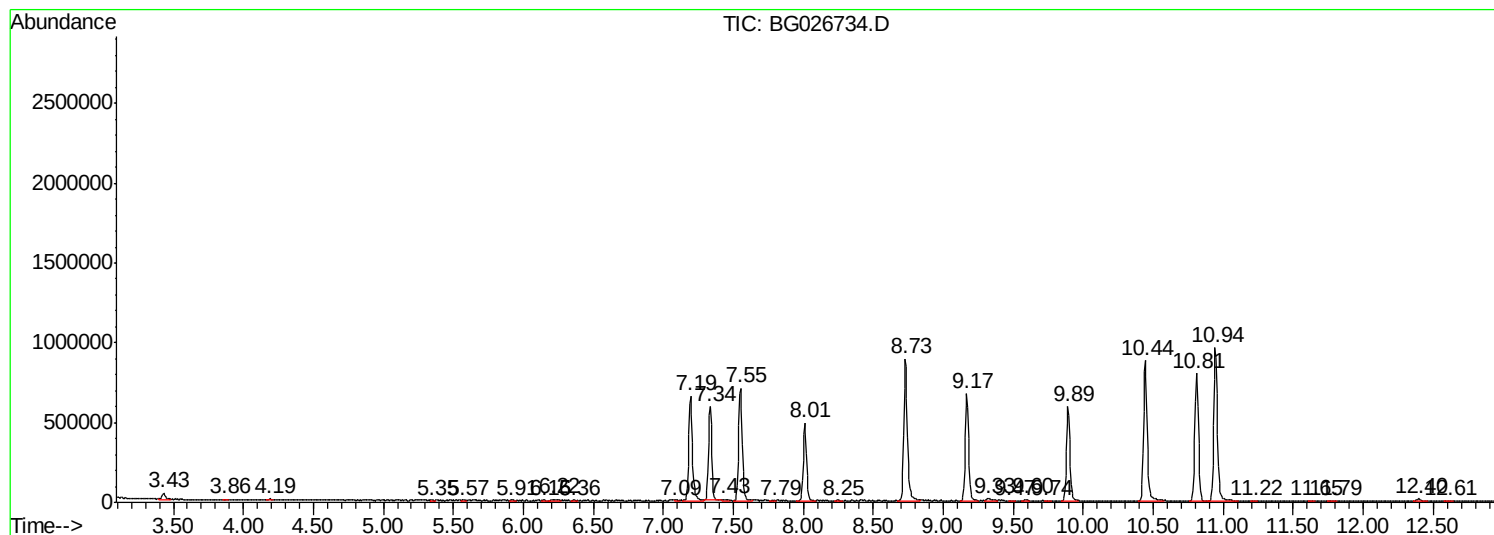
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ClientSampleId :
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Quant Title :

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



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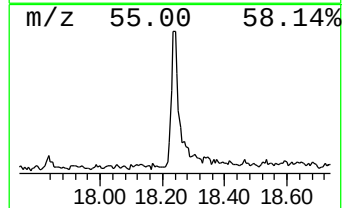
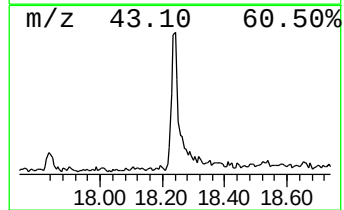
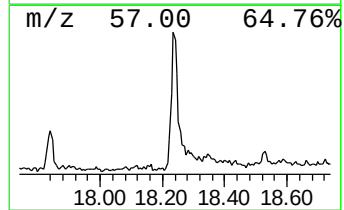
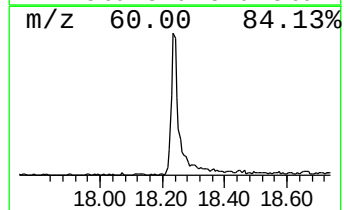
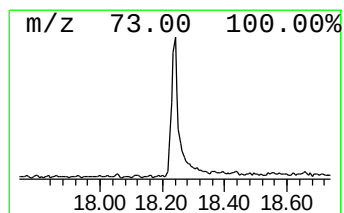
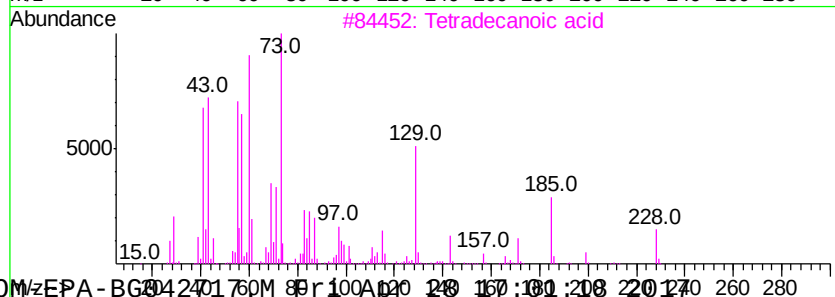
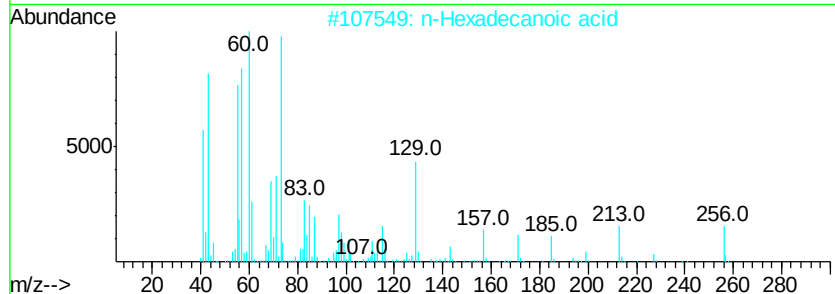
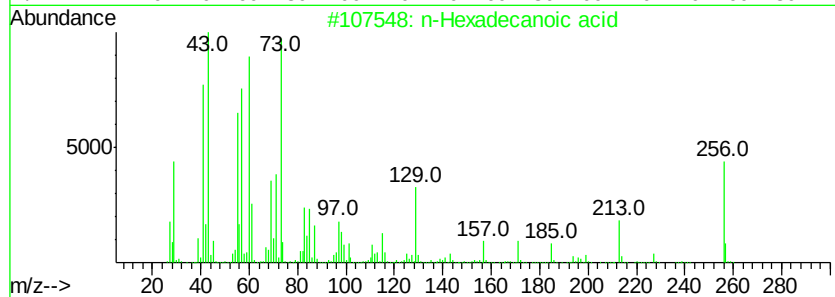
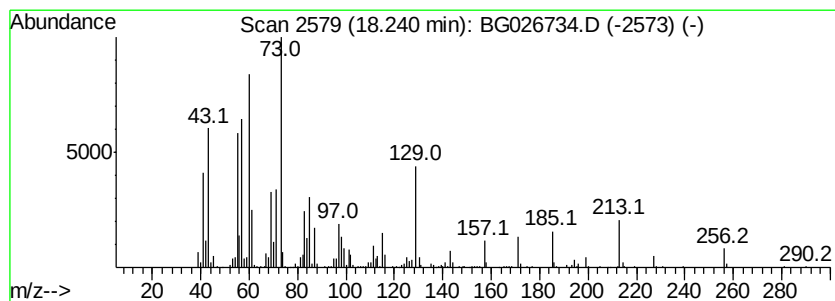
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.24	5.42 ng/ul	580547	Phenanthrene-d10		17.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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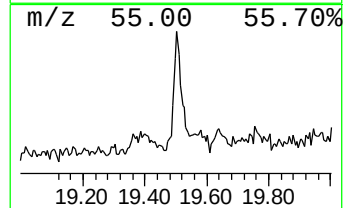
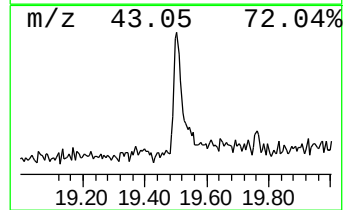
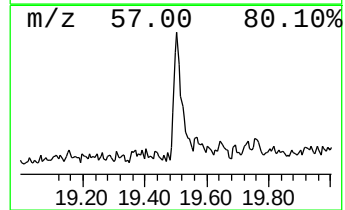
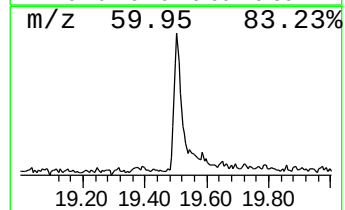
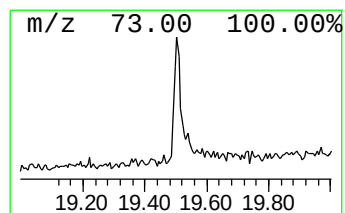
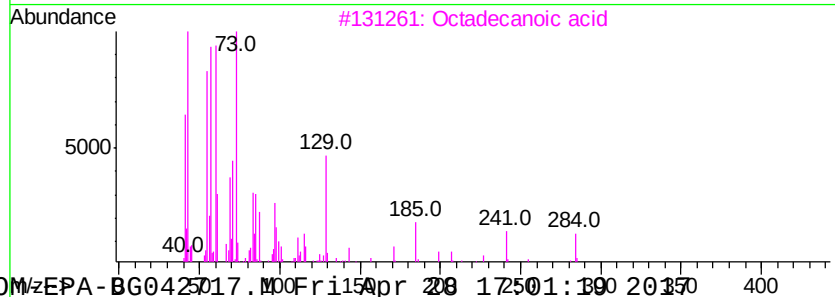
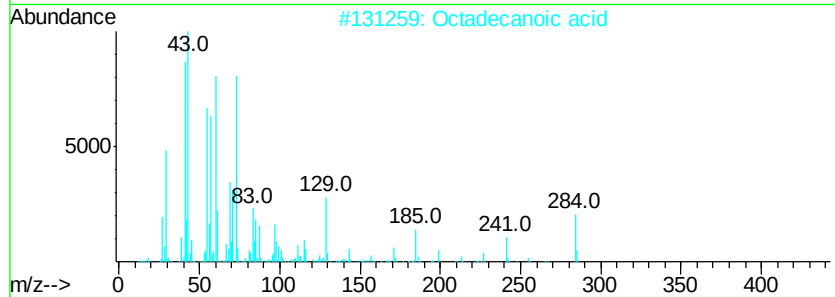
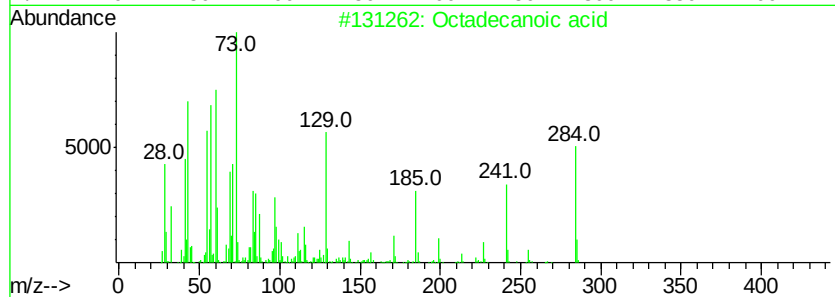
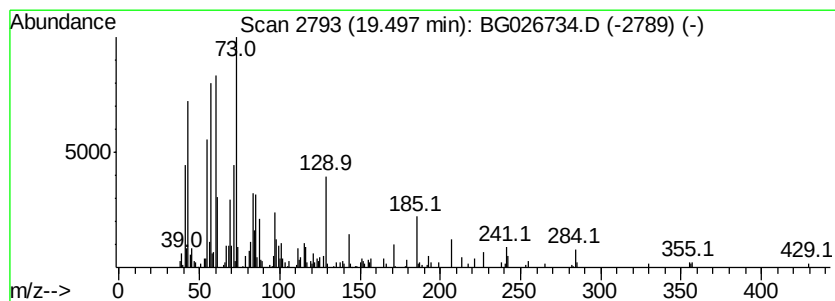
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.50	2.40 ng/ul	257778	Chrysene-d12	21.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	92	



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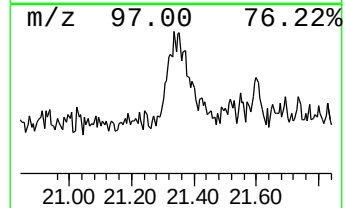
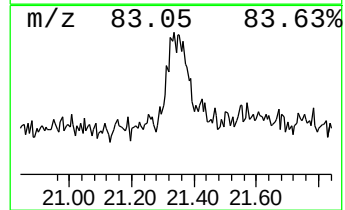
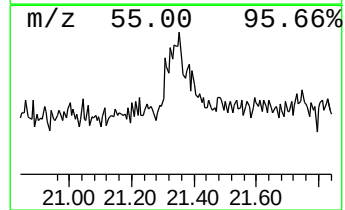
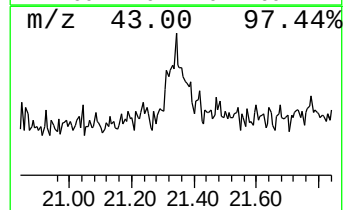
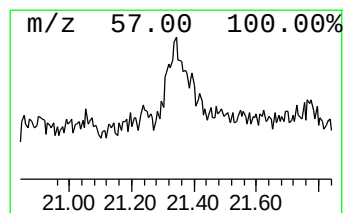
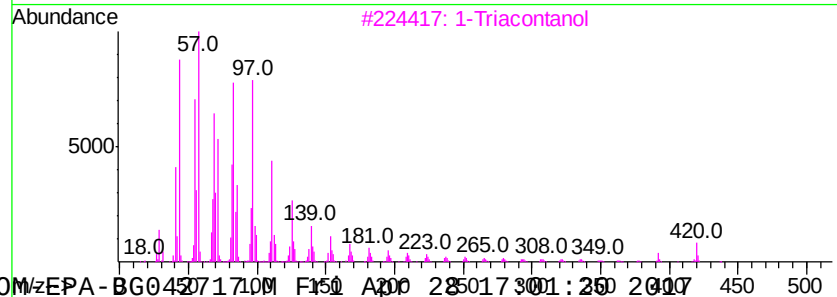
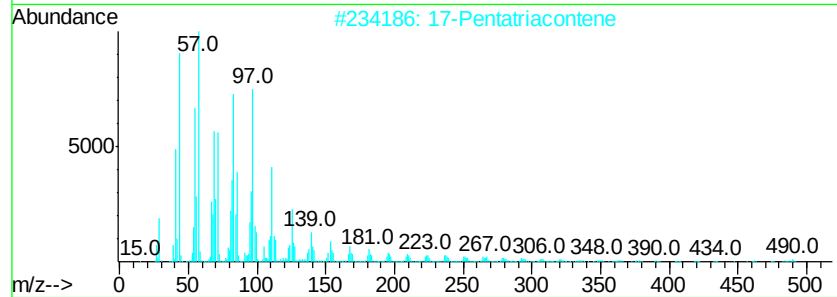
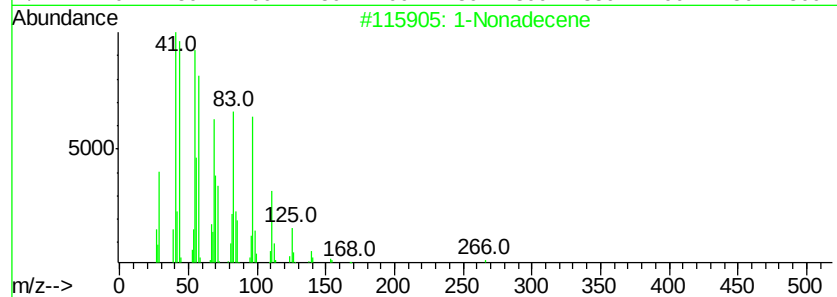
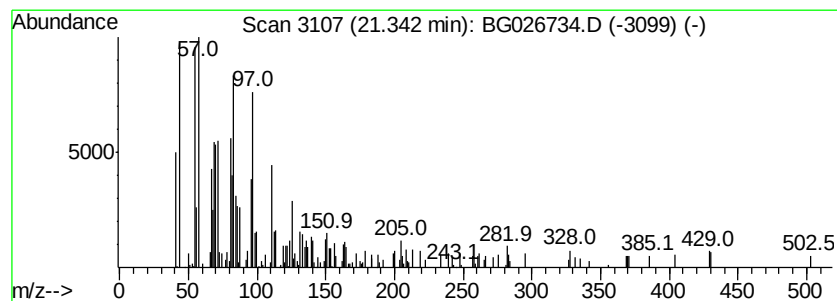
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 Peak Number 3 (DEL) Alkane: Cyclic21.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.34	2.34 ng/ul	250879	Chrysene-d12		21.60
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	89
2	17-Pentatriacontene	491	C35H70	006971-40-0	83
3	1-Triacontanol	438	C30H62O	000593-50-0	76
4	1-Heptacosanol	396	C27H56O	002004-39-9	76
5	1-Nonadecene	266	C19H38	018435-45-5	76



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JHSN6

Quant Title :

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.24	5.4	ng/ul	580547	4	17.36	2143630	20.0
Octadecanoic acid	19.50	2.4	ng/ul	257778	5	21.60	2147340	20.0
(DEL) Alkane: Cyc...	21.34	2.3	ng/ul	250879	5	21.60	2147340	20.0