

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024243.D
 Acq On : 10 Oct 2016 17:53
 Operator : UM/SJ
 Sample : H5082-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPH3

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	4.072	208	210	212	rBV2	15296	10797	0.25%	0.022%
2	4.777	329	330	334	rBV3	11184	14169	0.33%	0.029%
3	5.059	375	378	380	rBV4	9453	12654	0.30%	0.026%
4	5.558	460	463	466	rBV5	10063	15169	0.36%	0.031%
5	5.923	523	525	530	rVB4	13780	17138	0.40%	0.035%
6	5.987	535	536	540	rVB3	10505	10411	0.24%	0.021%
7	7.221	744	746	750	rVB5	12531	18075	0.43%	0.037%
8	7.297	758	759	764	rVB5	10375	11250	0.26%	0.023%
9	7.344	764	767	769	rBV3	10028	13463	0.32%	0.028%
10	7.421	773	780	789	rVB	545123	1053742	24.78%	2.166%
11	7.609	805	812	819	rVV	396422	714627	16.81%	1.469%
12	7.814	841	847	855	rBV	525087	962288	22.63%	1.978%
13	7.967	869	873	877	rBV4	13488	25747	0.61%	0.053%
14	8.196	905	912	914	rBV7	13163	29714	0.70%	0.061%
15	8.296	920	929	938	rBV2	497720	954250	22.44%	1.961%
16	8.984	1038	1046	1054	rBV	669971	1222943	28.76%	2.513%
17	9.236	1086	1089	1093	rVB4	7849	12923	0.30%	0.027%
18	9.272	1093	1095	1100	rBV6	7753	11959	0.28%	0.025%
19	9.471	1121	1129	1136	rBV	562544	1040819	24.48%	2.139%
20	9.571	1144	1146	1149	rVB4	13634	13162	0.31%	0.027%
21	9.606	1149	1152	1153	rBV3	11758	13373	0.31%	0.027%
22	9.671	1160	1163	1166	rBV5	5850	9972	0.23%	0.020%
23	9.824	1188	1189	1193	rVB3	12733	13565	0.32%	0.028%
24	9.947	1207	1210	1213	rVB3	10297	14715	0.35%	0.030%
25	9.977	1213	1215	1218	rBV4	10940	12107	0.28%	0.025%
26	10.194	1245	1252	1260	rVB3	465181	879271	20.68%	1.807%
27	10.370	1279	1282	1285	rVB5	12818	17576	0.41%	0.036%
28	10.482	1298	1301	1303	rBV3	9884	11894	0.28%	0.024%
29	10.582	1315	1318	1322	rBV6	8100	10327	0.24%	0.021%
30	10.623	1322	1325	1329	rVB6	9169	12953	0.30%	0.027%
31	10.682	1329	1335	1336	rBV6	10397	14282	0.34%	0.029%
32	10.729	1336	1343	1350	rVV	727453	1298960	30.55%	2.670%
33	11.017	1391	1392	1396	rVB4	11587	12409	0.29%	0.026%
34	11.122	1402	1410	1421	rBV	722575	1386133	32.60%	2.849%

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35	11.252	1424	1432	1440	rBV2	526417	1010446	23.77%	2.077%
36	11.399	1454	1457	1459	rVB3	8420	10058	0.24%	0.021%
37	11.440	1461	1464	1467	rVB4	7144	10242	0.24%	0.021%
38	12.233	1598	1599	1603	rVB4	11864	10567	0.25%	0.022%
39	12.268	1603	1605	1607	rBV3	10981	9961	0.23%	0.020%
40	12.333	1611	1616	1617	rVB4	9272	11196	0.26%	0.023%
41	12.350	1617	1619	1621	rBV3	10683	10715	0.25%	0.022%
42	12.468	1636	1639	1644	rBV7	7219	11117	0.26%	0.023%
43	12.527	1646	1649	1651	rBV4	8621	10157	0.24%	0.021%
44	12.685	1672	1676	1683	rVV9	15930	37417	0.88%	0.077%
45	12.756	1686	1688	1694	rVB6	8812	12635	0.30%	0.026%
46	12.885	1706	1710	1715	rVB8	7927	14932	0.35%	0.031%
47	12.979	1723	1726	1728	rVB4	9193	10056	0.24%	0.021%
48	13.167	1754	1758	1759	rVB5	8861	10709	0.25%	0.022%
49	13.502	1814	1815	1819	rVB4	13817	18224	0.43%	0.037%
50	13.778	1858	1862	1867	rVV3	54946	96609	2.27%	0.199%
51	14.307	1944	1952	1956	rBV	1435440	2194355	51.61%	4.510%
52	14.354	1956	1960	1966	rVV	1190129	1735526	40.82%	3.567%
53	14.518	1985	1988	1994	rBV7	8337	16011	0.38%	0.033%
54	14.607	1996	2003	2010	rVV	1445350	2377134	55.91%	4.886%
55	14.659	2010	2012	2015	rVB4	13700	10025	0.24%	0.021%
56	14.765	2026	2030	2035	rBV7	20906	28017	0.66%	0.058%
57	14.912	2045	2055	2064	rBV	1294678	2116085	49.77%	4.349%
58	15.071	2075	2082	2089	rBV2	726233	1188340	27.95%	2.442%
59	15.212	2102	2106	2109	rBV6	9005	14248	0.34%	0.029%
60	15.247	2109	2112	2113	rVV3	10419	10257	0.24%	0.021%
61	15.276	2113	2117	2125	rVB2	90571	133763	3.15%	0.275%
62	15.388	2132	2136	2138	rBV5	10781	14487	0.34%	0.030%
63	15.629	2173	2177	2181	rVB6	17463	29481	0.69%	0.061%
64	15.711	2185	2191	2196	rVB2	67006	96879	2.28%	0.199%
65	15.829	2207	2211	2212	rBV3	11023	10340	0.24%	0.021%
66	15.893	2216	2222	2229	rBV	2013345	3260765	76.69%	6.702%
67	15.993	2232	2239	2249	rVV	637875	1012943	23.82%	2.082%
68	16.093	2254	2256	2257	rVV2	13097	12701	0.30%	0.026%
69	16.134	2259	2263	2270	rVB8	39031	83640	1.97%	0.172%
70	16.216	2275	2277	2280	rVB4	14677	13874	0.33%	0.029%
71	16.340	2295	2298	2300	rVB4	12015	12767	0.30%	0.026%

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72	16.451	2315	2317	2322	rVB6	11698	10452	0.25%	0.021%
73	16.575	2334	2338	2347	rBV2	90552	170952	4.02%	0.351%
74	16.645	2347	2350	2351	rVB3	16061	11420	0.27%	0.023%
75	16.763	2368	2370	2373	rVB4	17155	18096	0.43%	0.037%
76	16.822	2379	2380	2382	rBV2	13862	11637	0.27%	0.024%
77	16.921	2392	2397	2398	rBV4	20363	29253	0.69%	0.060%
78	17.004	2408	2411	2415	rBV5	32703	48675	1.14%	0.100%
79	17.086	2421	2425	2428	rBV5	17743	24527	0.58%	0.050%
80	17.368	2469	2473	2476	rVB3	65853	65879	1.55%	0.135%
81	17.415	2477	2481	2489	rVB10	24640	58187	1.37%	0.120%
82	17.503	2494	2496	2497	rBV2	12348	12402	0.29%	0.025%
83	17.603	2510	2513	2514	rBV2	11862	11152	0.26%	0.023%
84	17.650	2514	2521	2527	rVV2	1802249	2734669	64.32%	5.620%
85	17.750	2531	2538	2547	rVB	2340841	3670563	86.33%	7.544%
86	17.991	2575	2579	2584	rBV7	30771	62683	1.47%	0.129%
87	18.108	2593	2599	2601	rBV6	26854	48546	1.14%	0.100%
88	18.243	2620	2622	2626	rBV5	16792	23207	0.55%	0.048%
89	18.379	2641	2645	2650	rVV8	22094	45690	1.07%	0.094%
90	18.496	2659	2665	2677	rBV3	468211	703061	16.54%	1.445%
91	18.655	2690	2692	2694	rVB3	20086	11315	0.27%	0.023%
92	18.919	2735	2737	2741	rBV5	17885	22180	0.52%	0.046%
93	19.753	2875	2879	2884	rBV3	235202	315522	7.42%	0.648%
94	20.018	2918	2924	2933	rBV	2841933	4251759	100.00%	8.738%
95	20.300	2969	2972	2975	rBV5	78859	93871	2.21%	0.193%
96	20.335	2975	2978	2983	rVV3	113426	147047	3.46%	0.302%
97	21.540	3179	3183	3188	rBV4	289940	411219	9.67%	0.845%
98	21.951	3247	3253	3260	rVB	1767859	3160982	74.35%	6.497%
99	25.165	3792	3800	3813	rVB2	1301496	3883041	91.33%	7.980%
100	25.411	3833	3842	3853	rVB3	1012000	3059134	71.95%	6.287%

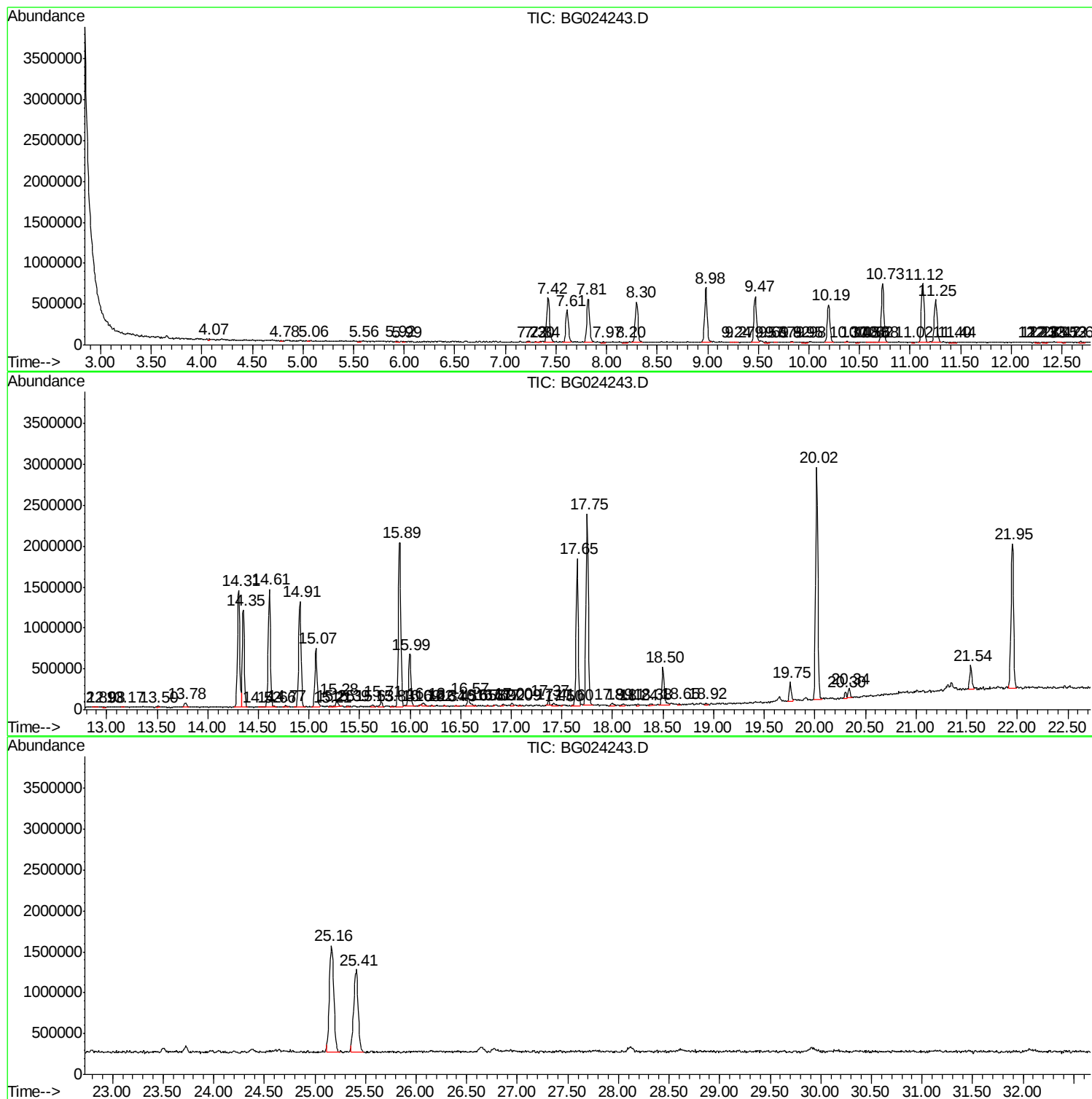
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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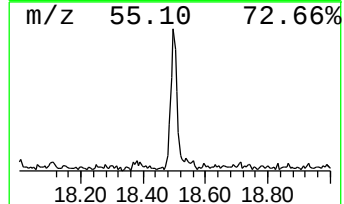
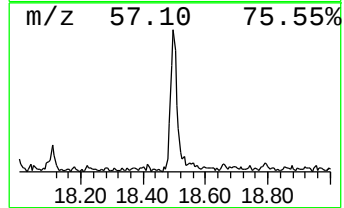
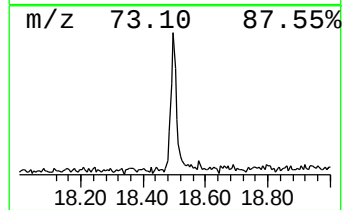
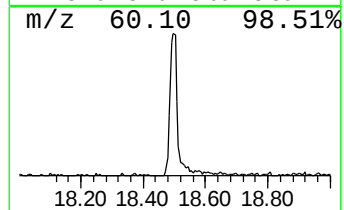
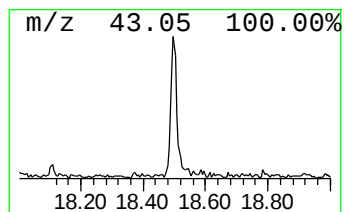
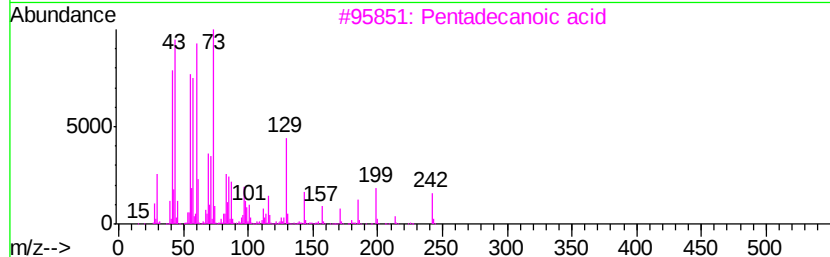
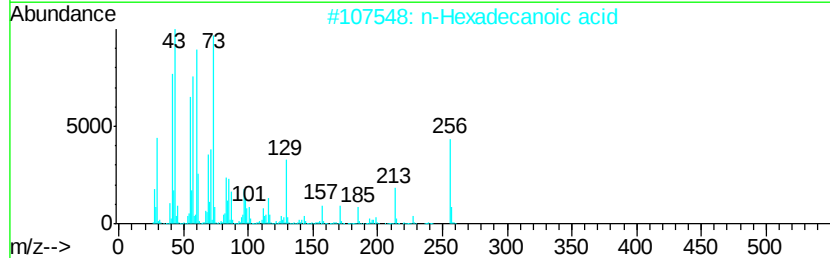
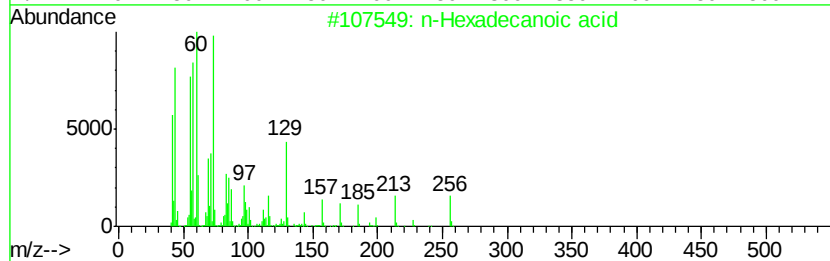
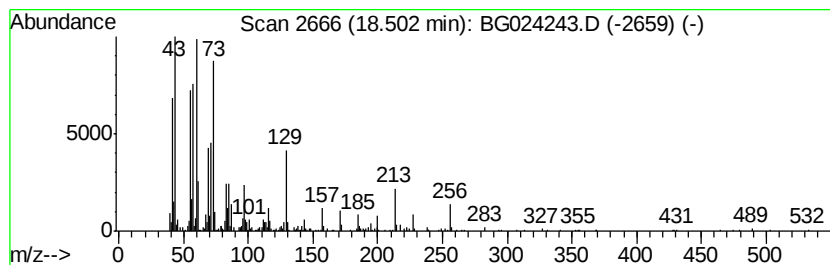
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.14 ng/ul	703061	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Undecanoic acid	186	C11H22O2	000112-37-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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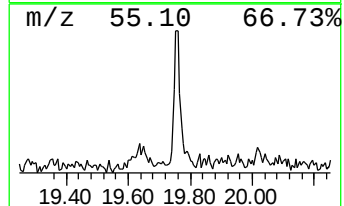
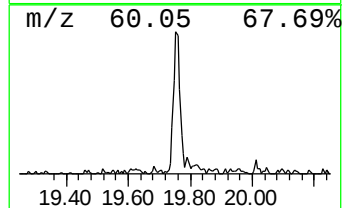
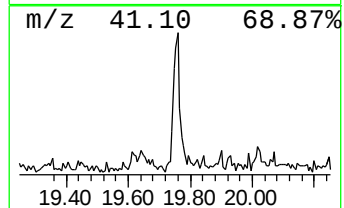
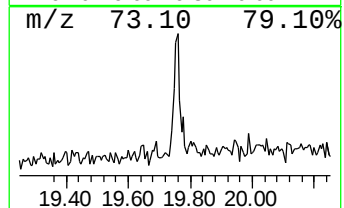
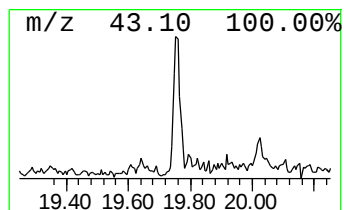
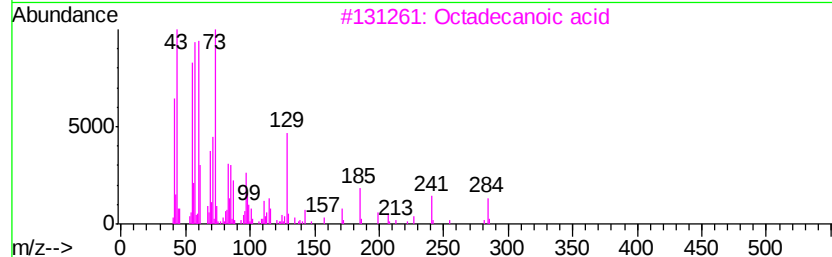
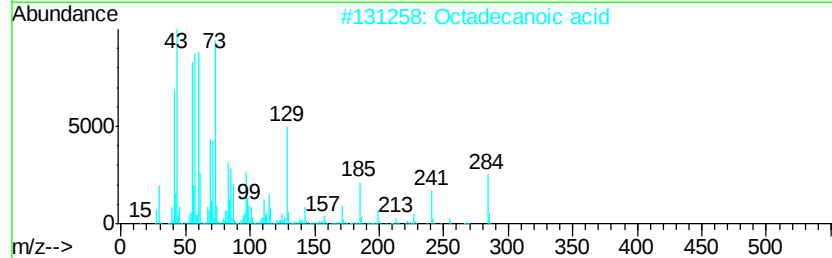
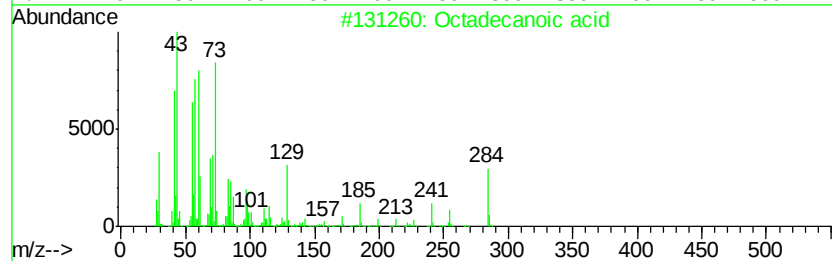
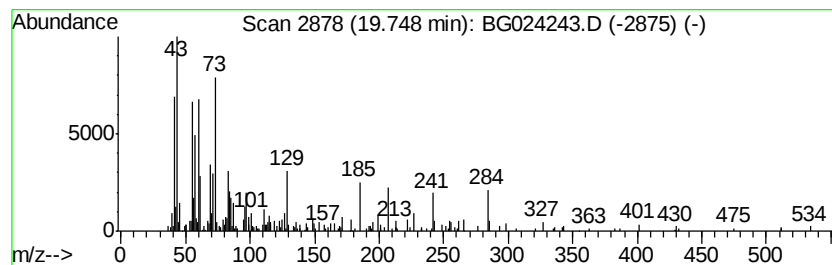
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.31 ng/ul	315522	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		Octadecanoic acid	284	C18H36O2	000057-11-4	92
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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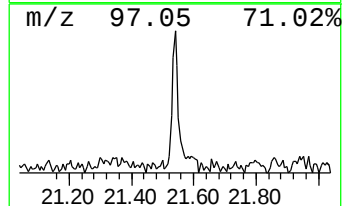
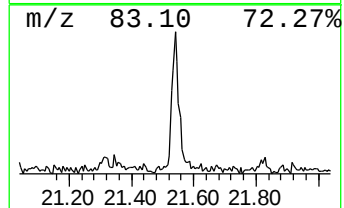
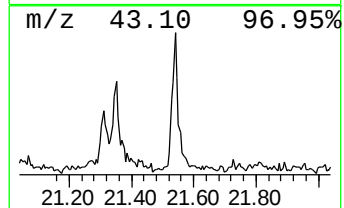
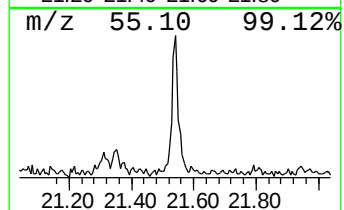
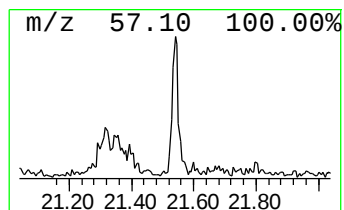
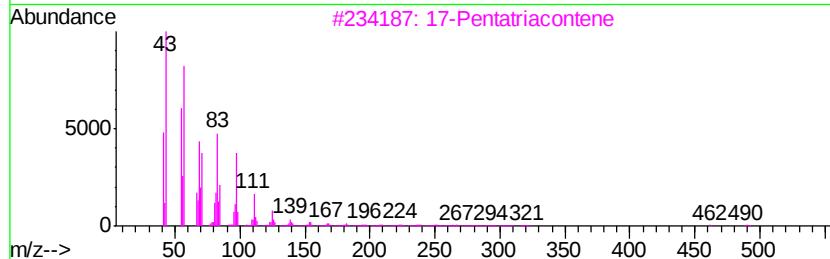
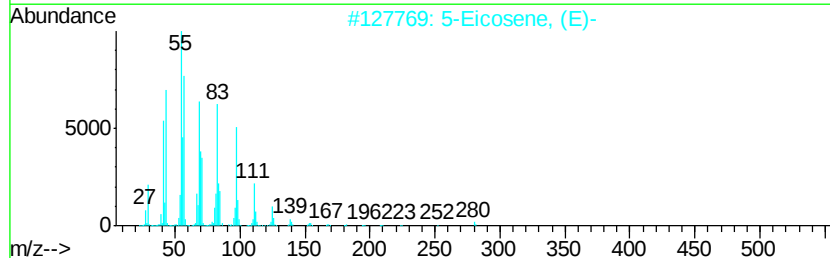
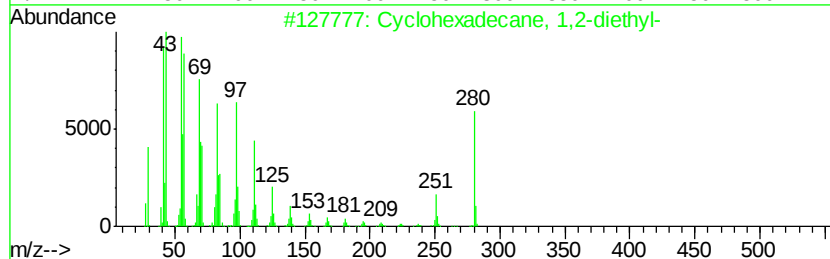
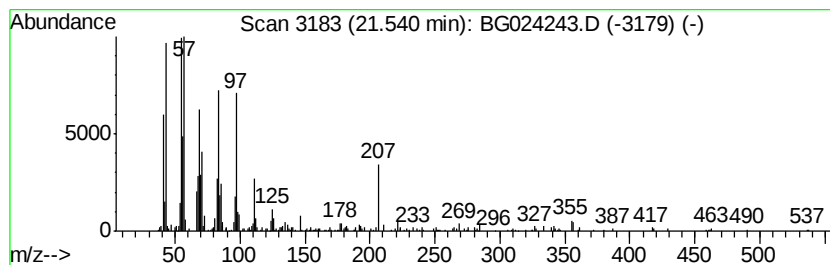
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Peak Number 3 (DEL) Alkane: Cyclic21.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.54	2.60 ng/ul	411219	Chrysene-d12		21.95		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3			17-Pentatriacontene	491	C35H70	006971-40-0	91
4			17-Pentatriacontene	491	C35H70	006971-40-0	89
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101016\
Data File : BG024243.D
Acq On : 10 Oct 2016 17:53
Operator : UM/SJ
Sample : H5082-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.50	5.1	ng/ul	703061	4	17.65	2734670	20.0
Octadecanoic acid	19.75	2.3	ng/ul	315522	4	17.65	2734670	20.0
(DEL) Alkane: Cyc...	21.54	2.6	ng/ul	411219	5	21.95	3160980	20.0