

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024274.D
 Acq On : 11 Oct 2016 20:53
 Operator : UM/SJ
 Sample : H5080-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNB2

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	3.645	134	137	143	rVB5	34070	52643	0.99%	0.093%
2	3.932	183	186	197	rVB7	20837	50611	0.95%	0.090%
3	4.408	262	267	272	rBV7	20312	35289	0.66%	0.062%
4	5.360	425	429	436	rBV4	39671	67931	1.27%	0.120%
5	5.836	508	510	515	rBV5	13066	22141	0.41%	0.039%
6	6.089	547	553	555	rBV6	11400	24315	0.46%	0.043%
7	6.341	590	596	601	rVB6	13639	27800	0.52%	0.049%
8	6.823	673	678	679	rBV5	8783	12823	0.24%	0.023%
9	7.017	707	711	716	rVB8	12266	12783	0.24%	0.023%
10	7.205	739	743	749	rBV7	12816	25648	0.48%	0.045%
11	7.417	766	779	797	rBV2	676955	1292304	24.19%	2.286%
12	7.605	805	811	822	rVB	463880	800858	14.99%	1.417%
13	7.816	837	847	858	rVV	623985	1139129	21.32%	2.015%
14	7.904	858	862	866	rVB7	10539	16292	0.30%	0.029%
15	8.081	886	892	895	rBV6	10576	14901	0.28%	0.026%
16	8.180	908	909	916	rBV7	9948	15577	0.29%	0.028%
17	8.292	920	928	941	rVB2	519398	929513	17.40%	1.644%
18	8.603	976	981	983	rVB4	10618	13444	0.25%	0.024%
19	8.639	983	987	989	rBV5	9937	12258	0.23%	0.022%
20	8.838	1017	1021	1024	rBV6	9437	13182	0.25%	0.023%
21	8.974	1036	1044	1054	rBV2	837079	1511674	28.29%	2.674%
22	9.132	1064	1071	1075	rBV7	7751	21374	0.40%	0.038%
23	9.467	1120	1128	1134	rBV	652771	1200139	22.46%	2.123%
24	9.520	1135	1137	1142	rVB3	30910	47496	0.89%	0.084%
25	9.767	1173	1179	1181	rVB6	9638	16603	0.31%	0.029%
26	9.820	1184	1188	1192	rVB7	14420	22337	0.42%	0.040%
27	10.108	1232	1237	1241	rVB6	8760	15289	0.29%	0.027%
28	10.190	1241	1251	1261	rBV2	578589	1083507	20.28%	1.917%
29	10.366	1279	1281	1286	rBV4	10878	18161	0.34%	0.032%
30	10.419	1286	1290	1293	rVV5	10086	15822	0.30%	0.028%
31	10.613	1320	1323	1330	rVB8	11957	23564	0.44%	0.042%
32	10.724	1330	1342	1352	rBV	831384	1587582	29.71%	2.809%
33	11.124	1400	1410	1420	rVB	690479	1325751	24.81%	2.345%
34	11.247	1420	1431	1443	rBV2	821022	1545831	28.93%	2.735%

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35	11.371	1451	1452	1459	rBV6	7600	14161	0.27%	0.025%
36	11.629	1494	1496	1502	rVB7	9453	13472	0.25%	0.024%
37	11.947	1546	1550	1552	rVB5	13397	13730	0.26%	0.024%
38	12.558	1652	1654	1661	rVB8	6748	12348	0.23%	0.022%
39	12.687	1667	1676	1683	rBV9	26654	60683	1.14%	0.107%
40	13.022	1731	1733	1739	rVB6	8308	14236	0.27%	0.025%
41	13.081	1739	1743	1746	rBV5	12380	21479	0.40%	0.038%
42	13.192	1759	1762	1768	rBV6	6508	12498	0.23%	0.022%
43	13.263	1771	1774	1780	rVB8	13549	16257	0.30%	0.029%
44	13.504	1812	1815	1820	rVB5	11891	14877	0.28%	0.026%
45	13.551	1820	1823	1828	rBV6	9048	13449	0.25%	0.024%
46	13.697	1845	1848	1854	rBV6	10798	21892	0.41%	0.039%
47	13.768	1854	1860	1867	rVV6	28469	61686	1.15%	0.109%
48	13.962	1890	1893	1896	rVB4	12026	17101	0.32%	0.030%
49	13.985	1896	1897	1901	rBV4	12645	16751	0.31%	0.030%
50	14.079	1907	1913	1917	rVV7	9029	17740	0.33%	0.031%
51	14.220	1934	1937	1941	rVB6	10319	15344	0.29%	0.027%
52	14.303	1941	1951	1955	rBV	1701457	2714619	50.81%	4.802%
53	14.350	1955	1959	1968	rVB	1477662	2147610	40.20%	3.799%
54	14.414	1969	1970	1976	rVB5	13544	16735	0.31%	0.030%
55	14.602	1995	2002	2011	rBV	1707838	2838123	53.12%	5.021%
56	14.767	2022	2030	2037	rVB6	40453	69464	1.30%	0.123%
57	14.908	2046	2054	2063	rVB	1186531	1888022	35.34%	3.340%
58	15.066	2074	2081	2094	rBV	901396	1417702	26.54%	2.508%
59	15.207	2101	2105	2111	rVB8	17131	30464	0.57%	0.054%
60	15.266	2111	2115	2119	rBV7	21036	33496	0.63%	0.059%
61	15.313	2121	2123	2128	rVB5	14976	21178	0.40%	0.037%
62	15.384	2130	2135	2140	rVB7	19797	44625	0.84%	0.079%
63	15.442	2141	2145	2150	rVB8	16702	30256	0.57%	0.054%
64	15.666	2177	2183	2186	rBV5	30945	62344	1.17%	0.110%
65	15.707	2186	2190	2195	rVB	99519	148314	2.78%	0.262%
66	15.777	2196	2202	2204	rVV7	12793	23416	0.44%	0.041%
67	15.842	2205	2213	2214	rVB6	18410	33253	0.62%	0.059%
68	15.895	2214	2222	2230	rBV	2363401	3861876	72.28%	6.832%
69	15.995	2231	2239	2246	rVB	804154	1260436	23.59%	2.230%
70	16.118	2251	2260	2270	rBV9	53362	169629	3.17%	0.300%
71	16.206	2272	2275	2280	rVB7	13567	16377	0.31%	0.029%

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72	16.265	2283	2285	2288	rVB4	15535	12244	0.23%	0.022%
73	16.336	2293	2297	2302	rVB7	22799	30264	0.57%	0.054%
74	16.571	2332	2337	2346	rBV2	133564	238155	4.46%	0.421%
75	16.665	2351	2353	2356	rBV4	12435	12012	0.22%	0.021%
76	16.835	2380	2382	2388	rBV7	14718	22415	0.42%	0.040%
77	16.911	2391	2395	2402	rVB7	22318	39864	0.75%	0.071%
78	16.964	2403	2404	2407	rBV3	11883	12211	0.23%	0.022%
79	17.029	2413	2415	2420	rVB5	18654	23438	0.44%	0.041%
80	17.076	2420	2423	2425	rBV4	16875	21905	0.41%	0.039%
81	17.146	2430	2435	2437	rBV5	23036	37224	0.70%	0.066%
82	17.282	2456	2458	2462	rVB5	10438	12531	0.23%	0.022%
83	17.364	2467	2472	2477	rBV	167138	247938	4.64%	0.439%
84	17.417	2477	2481	2491	rVB	36168	80786	1.51%	0.143%
85	17.646	2513	2520	2527	rBV	1545726	2426920	45.42%	4.294%
86	17.746	2530	2537	2549	rVB2	2735834	4365881	81.72%	7.724%
87	17.887	2560	2561	2564	rBV3	13985	13268	0.25%	0.023%
88	17.987	2572	2578	2590	rVB5	116969	203401	3.81%	0.360%
89	18.104	2593	2598	2604	rVB7	46137	68495	1.28%	0.121%
90	18.492	2658	2664	2676	rBV	520694	795034	14.88%	1.407%
91	18.780	2709	2713	2718	rBV5	32851	57537	1.08%	0.102%
92	19.344	2806	2809	2814	rVB7	26324	38530	0.72%	0.068%
93	19.403	2816	2819	2823	rBV6	24187	34485	0.65%	0.061%
94	19.643	2853	2860	2865	rBV2	57396	128642	2.41%	0.228%
95	19.749	2873	2878	2889	rBV2	292666	480633	9.00%	0.850%
96	20.014	2916	2923	2933	rVB	3634580	5342748	100.00%	9.452%
97	21.529	3177	3181	3194	rVB4	326418	553023	10.35%	0.978%
98	21.947	3244	3252	3261	rVB	1625751	2965150	55.50%	5.246%
99	25.155	3788	3798	3811	rVB3	1679445	5070874	94.91%	8.971%
100	25.390	3829	3838	3851	rVB2	1014029	2989438	55.95%	5.289%

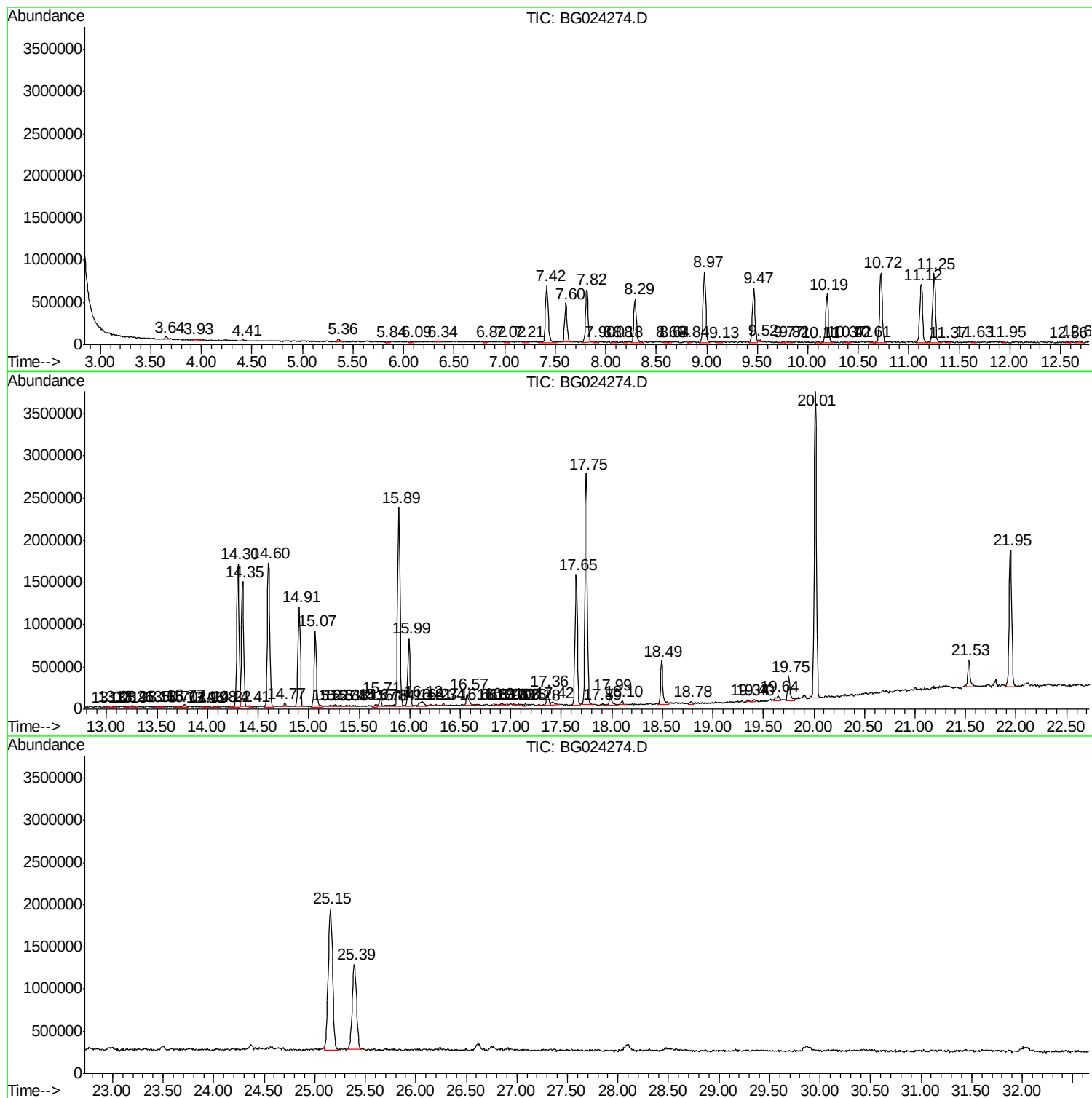
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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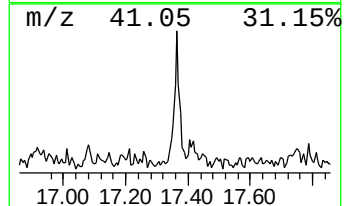
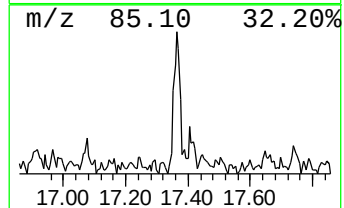
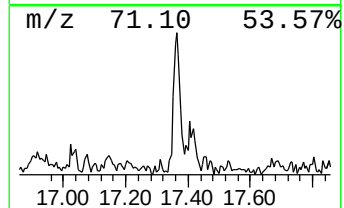
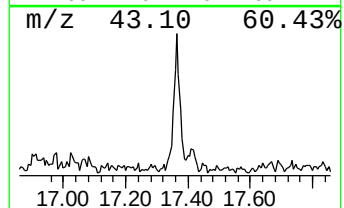
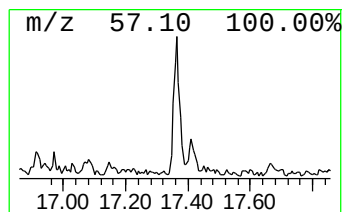
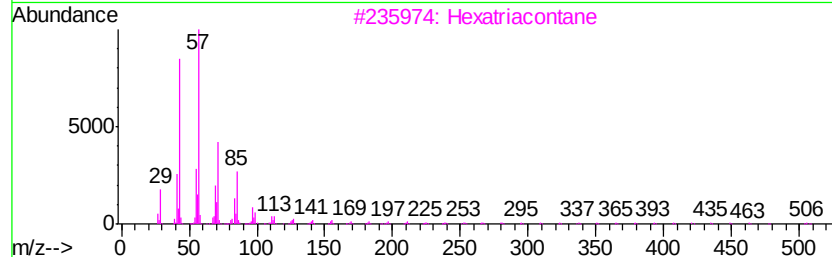
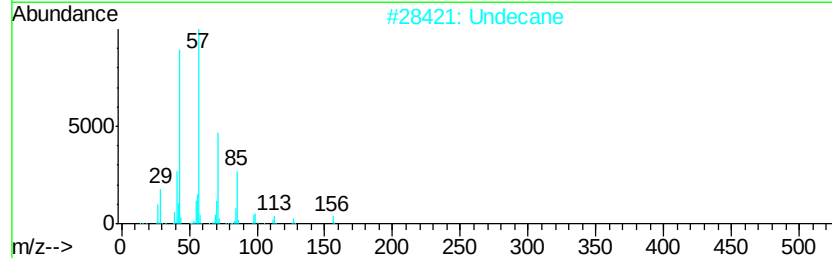
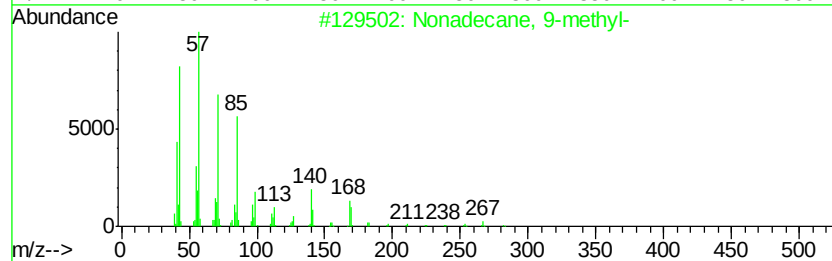
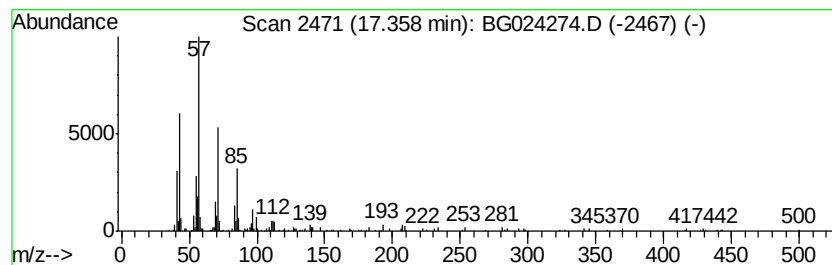
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.04 ng/ul	247938	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81
2		Undecane	156	C11H24	001120-21-4	74
3		Hexatriacontane	507	C36H74	000630-06-8	64
4		Pentadecane	212	C15H32	000629-62-9	64
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53



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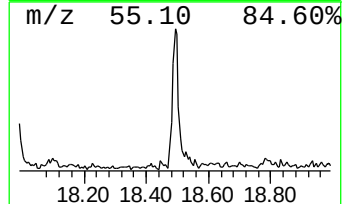
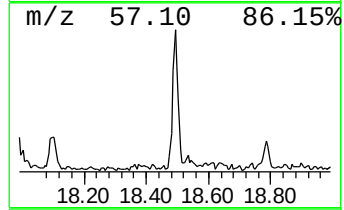
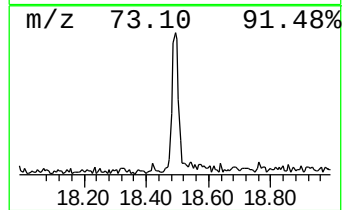
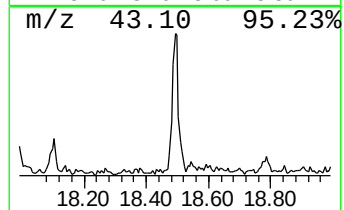
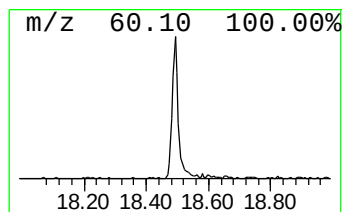
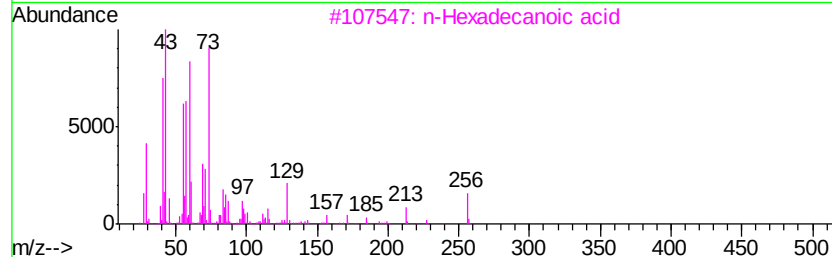
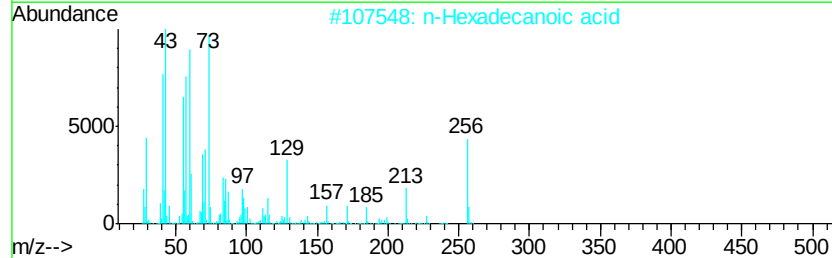
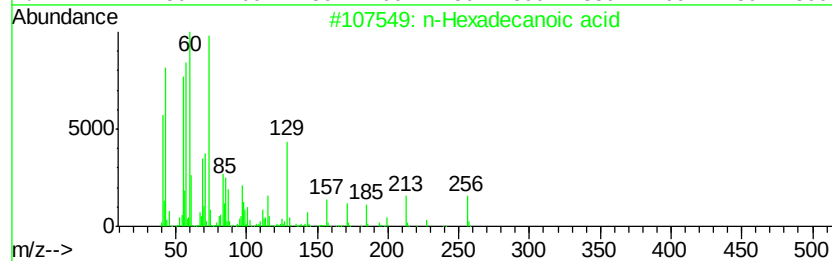
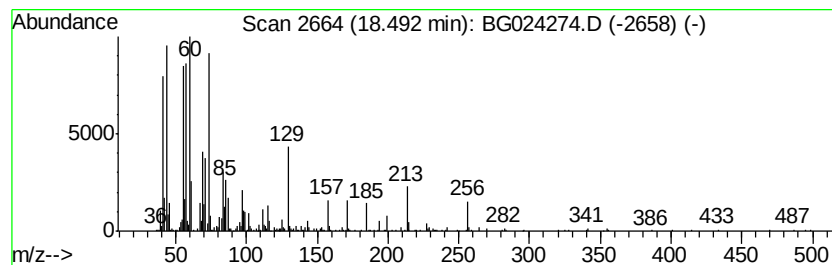
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.55 ng/ul	795034	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Octadecanoic acid	284	C18H36O2	000057-11-4	64



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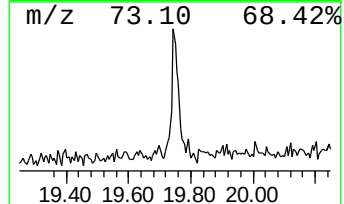
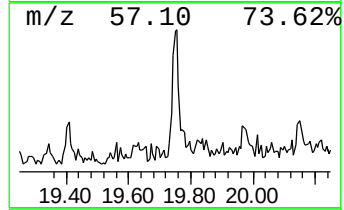
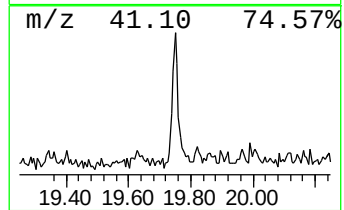
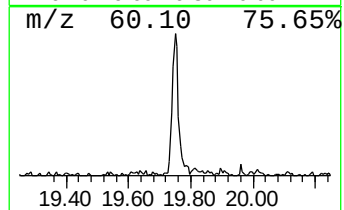
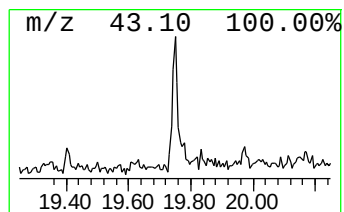
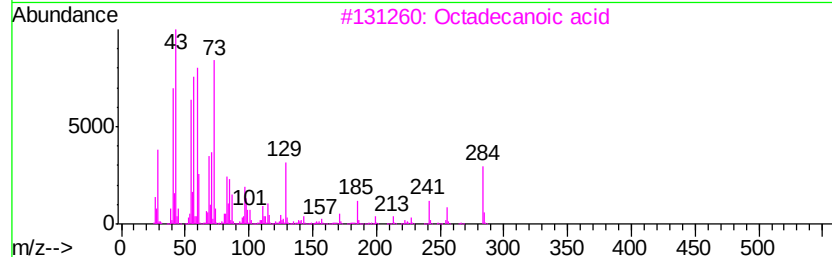
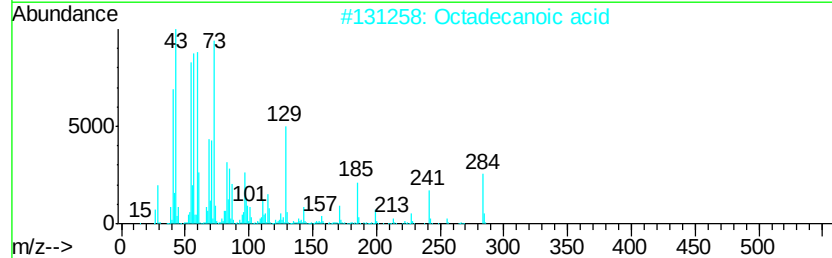
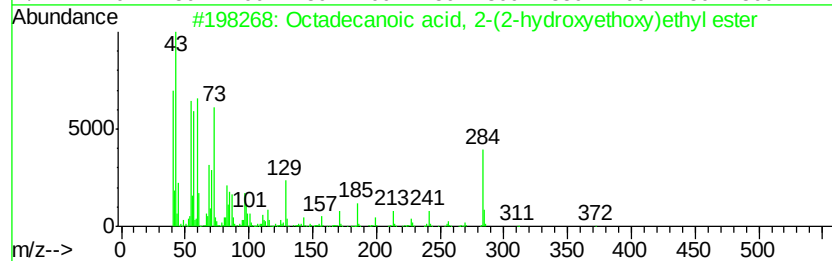
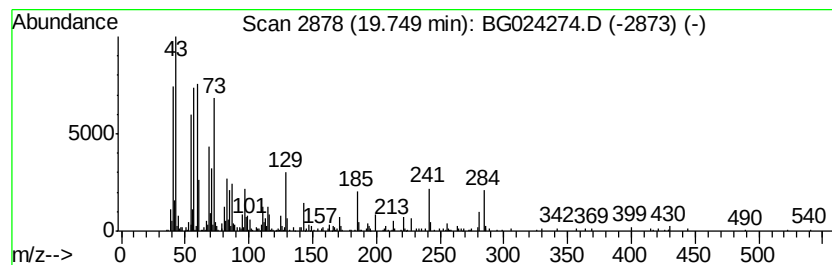
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid, 2-(2-hyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.96 ng/ul	480633	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
2		Octadecanoic acid	284	C18H36O2	000057-11-4	81
3		Octadecanoic acid	284	C18H36O2	000057-11-4	76
4		Octadecanoic acid	284	C18H36O2	000057-11-4	55
5		Octadecanoic acid	284	C18H36O2	000057-11-4	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024274.D
Acq On : 11 Oct 2016 20:53
Operator : UM/SJ
Sample : H5080-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNB2

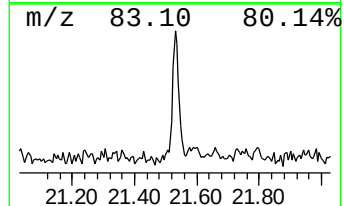
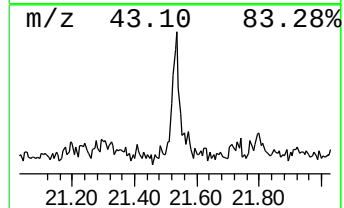
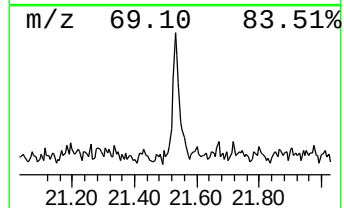
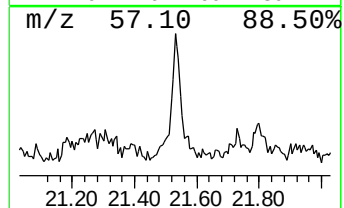
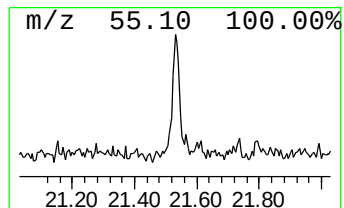
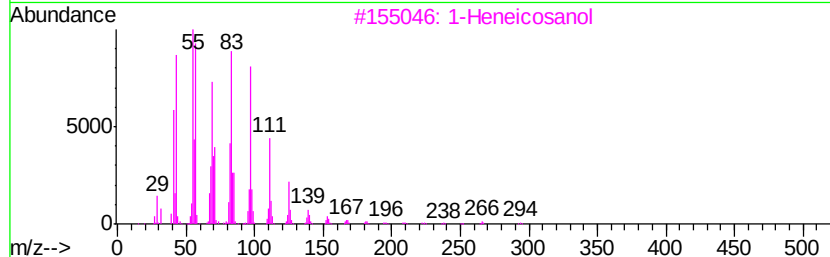
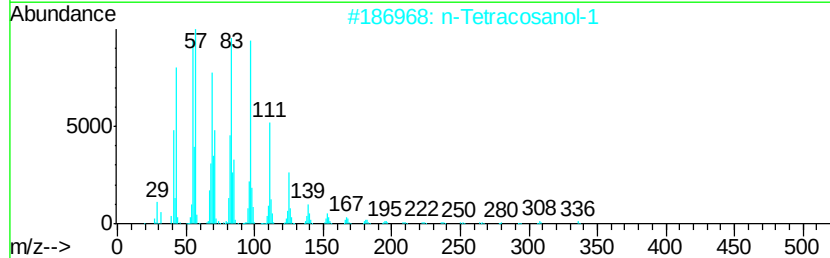
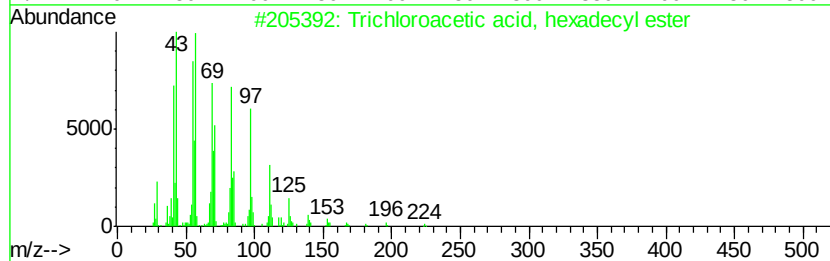
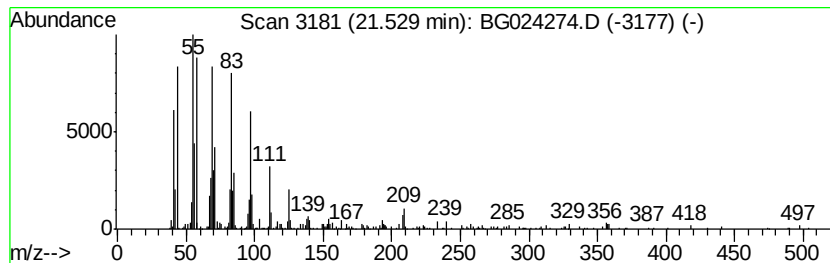
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.73 ng/ul	553023	Chrysene-d12	21.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		1-Heneicosanol	312	C21H44O	015594-90-8	91
4		1-Heptacosanol	396	C27H56O	002004-39-9	87
5		Cyclotetracosane	336	C24H48	000297-03-0	76



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BDNB2

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
(DEL) Alkane: Str...	17.36	2.0	ng/ul	247938	4	17.65	2426920	20.0
n-Hexadecanoic acid	18.49	6.5	ng/ul	795034	4	17.65	2426920	20.0
Octadecanoic acid...	19.75	4.0	ng/ul	480633	4	17.65	2426920	20.0
Trichloroacetic a...	21.53	3.7	ng/ul	553023	5	21.95	2965150	20.0