

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024307.D
 Acq On : 12 Oct 2016 18:49
 Operator : UM/SJ
 Sample : H5145-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN87

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	3.648	134	138	143	rVB4	30355	40953	0.94%	0.074%
2	4.382	262	263	266	rBV3	11528	11982	0.28%	0.022%
3	4.735	322	323	328	rVB5	10081	13958	0.32%	0.025%
4	4.770	328	329	333	rBV3	11160	13794	0.32%	0.025%
5	4.899	349	351	354	rBV3	12699	13638	0.31%	0.025%
6	5.117	387	388	393	rVB4	9935	11310	0.26%	0.020%
7	5.358	421	429	433	rBV4	24951	43749	1.01%	0.079%
8	5.904	521	522	529	rVB7	10384	14195	0.33%	0.026%
9	6.028	541	543	548	rVB5	7313	11710	0.27%	0.021%
10	6.086	551	553	557	rBV5	9697	14644	0.34%	0.026%
11	6.891	687	690	695	rBV6	10396	12908	0.30%	0.023%
12	7.162	733	736	740	rVB6	11026	14753	0.34%	0.027%
13	7.203	740	743	747	rBV6	16331	24490	0.56%	0.044%
14	7.414	771	779	792	rVB	596640	1132034	26.10%	2.044%
15	7.602	803	811	820	rBV	422577	728121	16.79%	1.314%
16	7.714	828	830	835	rVB5	8423	12189	0.28%	0.022%
17	7.814	836	847	859	rBV	551045	1027717	23.69%	1.855%
18	8.290	917	928	939	rVB	611398	1096057	25.27%	1.979%
19	8.530	967	969	975	rVB6	8345	13162	0.30%	0.024%
20	8.742	1002	1005	1008	rBV4	8863	11767	0.27%	0.021%
21	8.971	1036	1044	1055	rVB2	701684	1282163	29.56%	2.315%
22	9.459	1116	1127	1134	rBV	596598	1133233	26.13%	2.046%
23	9.518	1134	1137	1145	rVB5	32000	51289	1.18%	0.093%
24	9.817	1182	1188	1193	rBV7	12241	29194	0.67%	0.053%
25	10.111	1234	1238	1243	rVB7	10933	18679	0.43%	0.034%
26	10.187	1243	1251	1261	rBV	550391	1029073	23.73%	1.858%
27	10.563	1307	1315	1316	rBV8	6006	13152	0.30%	0.024%
28	10.722	1334	1342	1351	rBV	796271	1471522	33.93%	2.657%
29	11.116	1401	1409	1418	rBV	858882	1617586	37.29%	2.920%
30	11.245	1423	1431	1443	rVB	715010	1320952	30.46%	2.385%
31	11.515	1474	1477	1482	rVB6	8767	16542	0.38%	0.030%
32	11.838	1530	1532	1536	rVB4	12359	14408	0.33%	0.026%
33	11.991	1548	1558	1559	rVB7	7360	18015	0.42%	0.033%
34	12.308	1609	1612	1617	rVB6	7372	11571	0.27%	0.021%

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35	12.361	1617	1621	1625	rVB6	8762	13401	0.31%	0.024%
36	12.408	1625	1629	1635	rBV9	12173	22387	0.52%	0.040%
37	12.473	1635	1640	1643	rVB5	8901	14222	0.33%	0.026%
38	12.684	1669	1676	1680	rBV9	21966	38043	0.88%	0.069%
39	13.060	1737	1740	1744	rVB4	7137	12154	0.28%	0.022%
40	13.260	1765	1774	1779	rBV4	10897	21472	0.50%	0.039%
41	13.319	1779	1784	1793	rVB9	13428	36912	0.85%	0.067%
42	13.401	1793	1798	1801	rBV7	10325	19074	0.44%	0.034%
43	13.489	1809	1813	1815	rBV4	10121	14343	0.33%	0.026%
44	13.777	1854	1862	1867	rBV4	35216	71921	1.66%	0.130%
45	13.901	1879	1883	1887	rVV6	7943	13420	0.31%	0.024%
46	14.006	1897	1901	1906	rBV7	7167	13815	0.32%	0.025%
47	14.100	1911	1917	1921	rBV7	24303	37241	0.86%	0.067%
48	14.159	1925	1927	1932	rVB4	11052	18021	0.42%	0.033%
49	14.294	1941	1950	1955	rVV	1687090	2581434	59.52%	4.660%
50	14.341	1955	1958	1966	rVV	991865	1414558	32.61%	2.554%
51	14.518	1981	1988	1989	rBV6	12197	20862	0.48%	0.038%
52	14.600	1995	2002	2012	rBV	1690606	2770438	63.87%	5.001%
53	14.764	2024	2030	2036	rVB8	16757	33848	0.78%	0.061%
54	14.905	2046	2054	2062	rVB	1577710	2533372	58.41%	4.573%
55	15.017	2066	2073	2074	rBV6	11117	19862	0.46%	0.036%
56	15.064	2074	2081	2091	rBV	830805	1347145	31.06%	2.432%
57	15.270	2109	2116	2120	rBV10	21381	37940	0.87%	0.068%
58	15.311	2121	2123	2129	rVB6	12505	14974	0.35%	0.027%
59	15.375	2129	2134	2139	rVB8	12019	17483	0.40%	0.032%
60	15.452	2142	2147	2149	rVB5	14071	22799	0.53%	0.041%
61	15.599	2166	2172	2177	rBV9	10664	29110	0.67%	0.053%
62	15.663	2177	2183	2186	rVV5	21994	35506	0.82%	0.064%
63	15.704	2186	2190	2196	rVB3	75442	114326	2.64%	0.206%
64	15.763	2199	2200	2205	rBV5	12128	14254	0.33%	0.026%
65	15.887	2213	2221	2230	rBV	2275261	3684735	84.95%	6.652%
66	15.992	2230	2239	2250	rVB	767287	1204574	27.77%	2.175%
67	16.122	2251	2261	2268	rVB9	44552	128558	2.96%	0.232%
68	16.204	2271	2275	2279	rBV7	17439	23868	0.55%	0.043%
69	16.257	2281	2284	2292	rVB10	26245	46688	1.08%	0.084%
70	16.327	2292	2296	2299	rBV6	21527	30281	0.70%	0.055%
71	16.503	2323	2326	2329	rBV5	14730	17572	0.41%	0.032%

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72	16.562	2330	2336	2350	rVB	128817	241883	5.58%	0.437%
73	16.668	2351	2354	2363	rVB10	14104	23255	0.54%	0.042%
74	16.821	2378	2380	2382	rBV3	18071	17424	0.40%	0.031%
75	16.909	2391	2395	2402	rBV8	22253	47391	1.09%	0.086%
76	16.991	2405	2409	2418	rVB8	26626	65720	1.52%	0.119%
77	17.062	2420	2421	2427	rBV5	11662	16328	0.38%	0.029%
78	17.138	2431	2434	2437	rBV5	14888	17756	0.41%	0.032%
79	17.167	2437	2439	2444	rBV6	13431	16169	0.37%	0.029%
80	17.361	2467	2472	2492	rVB	566556	916089	21.12%	1.654%
81	17.643	2510	2520	2530	rBV2	1917641	2989658	68.93%	5.397%
82	17.743	2530	2537	2550	rVB	2541093	3926524	90.53%	7.088%
83	17.896	2560	2563	2567	rVB6	9106	14977	0.35%	0.027%
84	17.984	2571	2578	2590	rVB6	34807	96603	2.23%	0.174%
85	18.102	2593	2598	2604	rVB8	27732	45973	1.06%	0.083%
86	18.360	2640	2642	2649	rBV7	22637	37590	0.87%	0.068%
87	18.489	2655	2664	2677	rBV	534081	822908	18.97%	1.486%
88	18.777	2710	2713	2716	rBV5	22588	30311	0.70%	0.055%
89	18.824	2720	2721	2724	rBV3	14731	12303	0.28%	0.022%
90	19.277	2795	2798	2803	rBV7	14491	21530	0.50%	0.039%
91	19.341	2805	2809	2814	rBV8	18650	34624	0.80%	0.063%
92	19.647	2851	2861	2869	rVB9	60662	188234	4.34%	0.340%
93	19.747	2873	2878	2891	rBV2	291758	451605	10.41%	0.815%
94	19.905	2902	2905	2909	rVB5	36977	50481	1.16%	0.091%
95	20.011	2917	2923	2933	rVB	2993902	4337328	100.00%	7.830%
96	21.527	3176	3181	3191	rBV3	405287	687508	15.85%	1.241%
97	21.944	3244	3252	3265	rBV	1912796	3447673	79.49%	6.224%
98	23.701	3546	3551	3558	rVB2	143419	275704	6.36%	0.498%
99	25.146	3787	3797	3815	rVB2	1374112	4261534	98.25%	7.693%
100	25.387	3827	3838	3850	rVB2	1152858	3516919	81.08%	6.349%

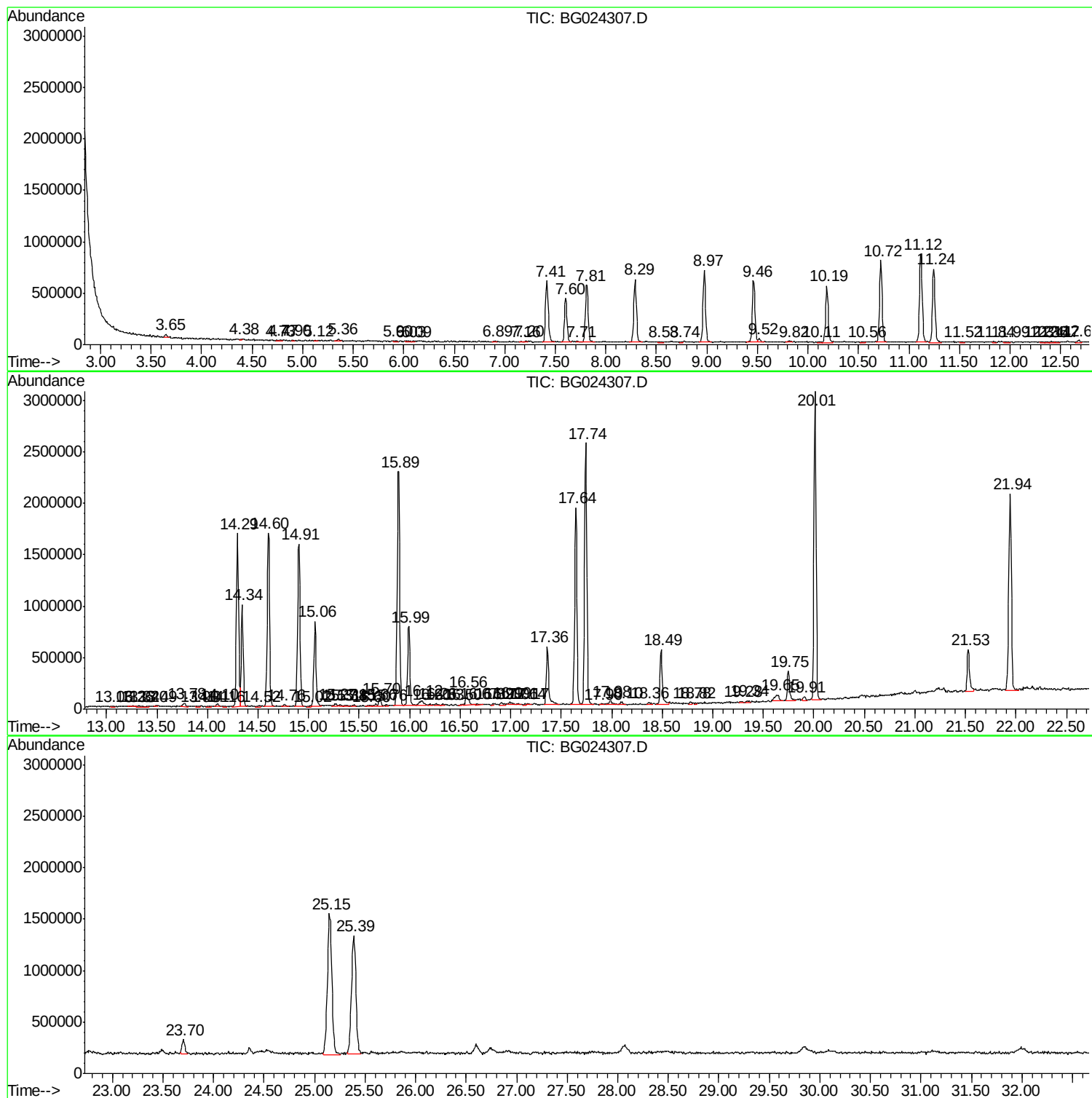
Sum of corrected areas: 55393125

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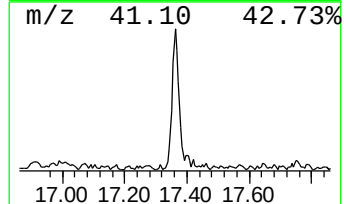
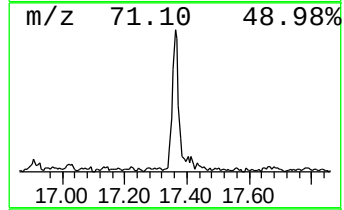
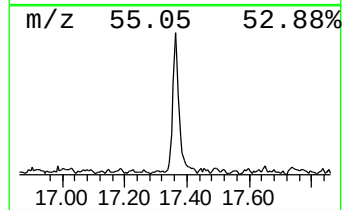
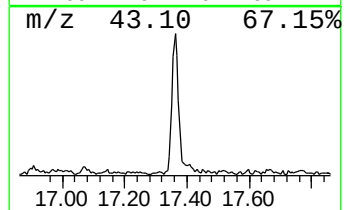
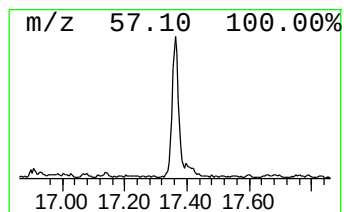
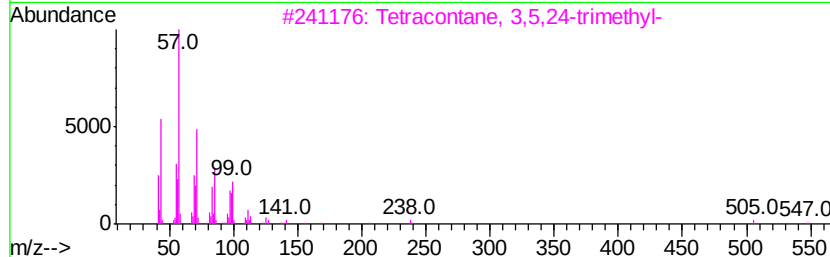
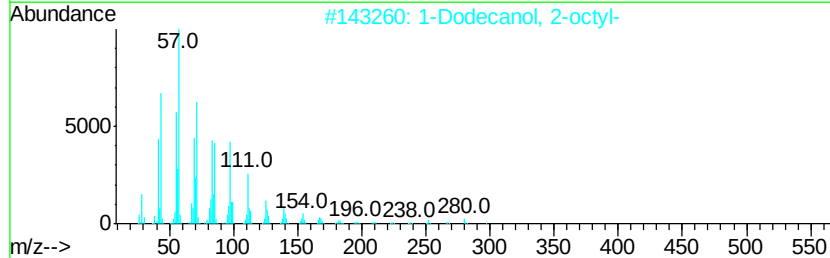
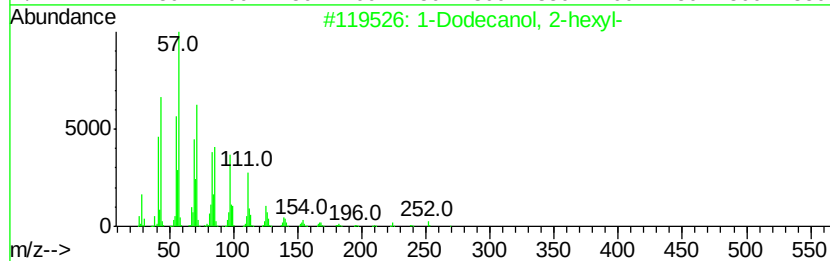
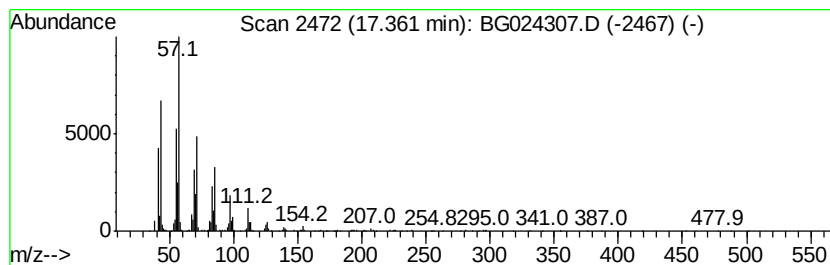
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Dodecanol, 2-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	6.13 ng/ul	916089	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
3		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	90
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	68



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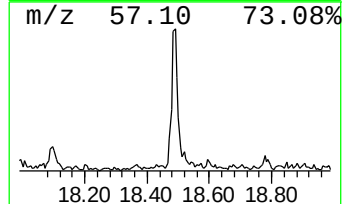
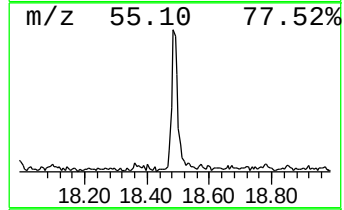
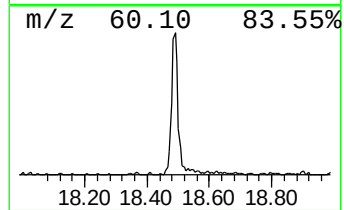
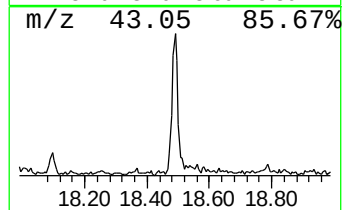
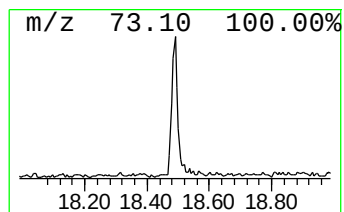
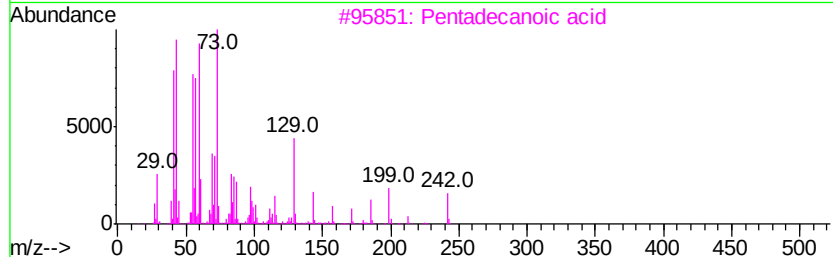
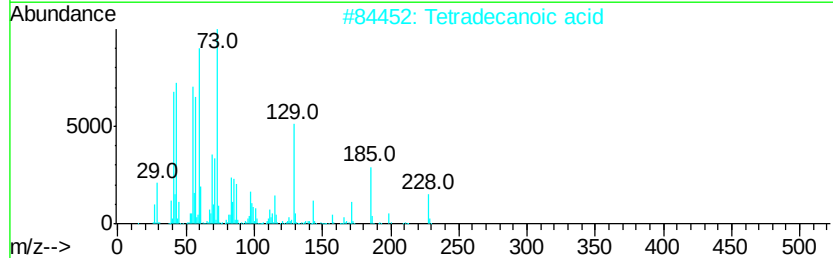
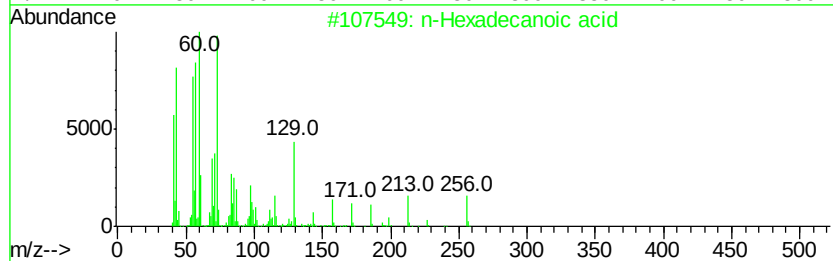
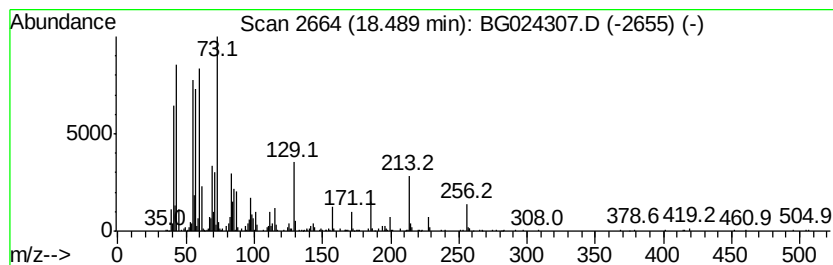
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.51 ng/ul	822908	Phenanthrene-d10	17.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 99
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 93
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 87
4		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 86
5		Tetradecanoic acid	228 C14H28O2	000544-63-8 83



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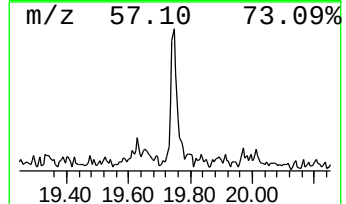
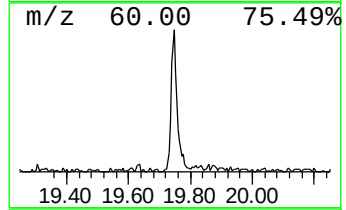
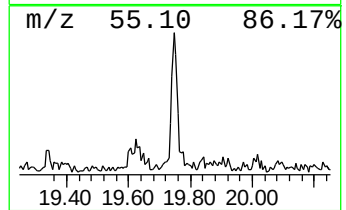
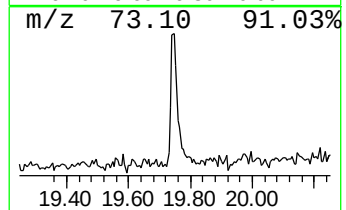
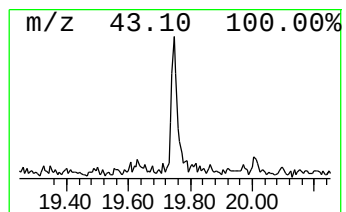
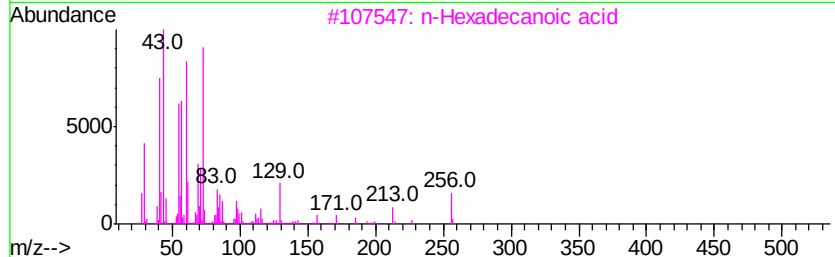
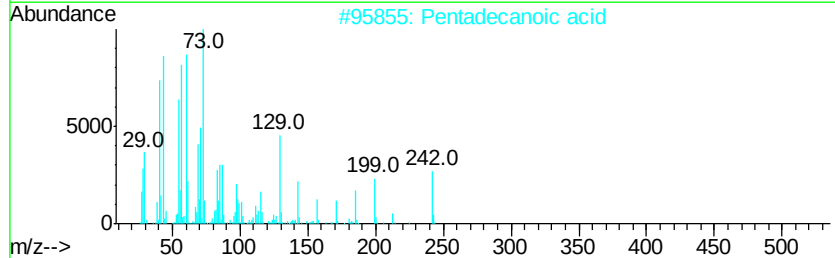
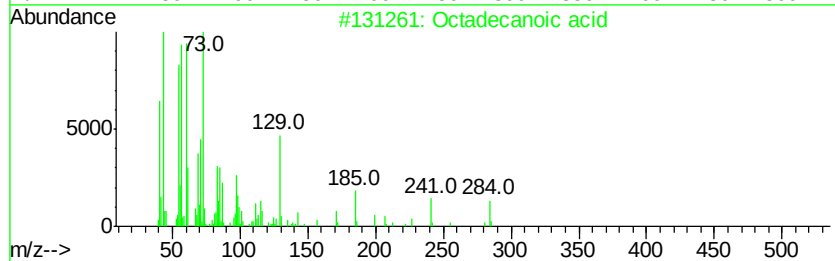
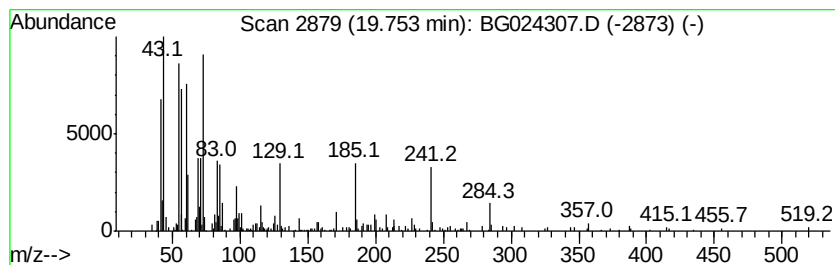
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.02 ng/ul	451605	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Octadecanoic acid	284	C18H36O2	000057-11-4	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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Sample : H5145-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN87

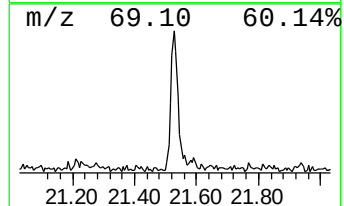
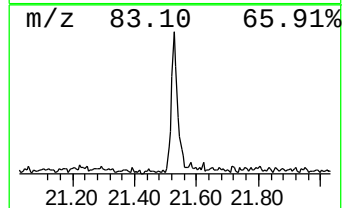
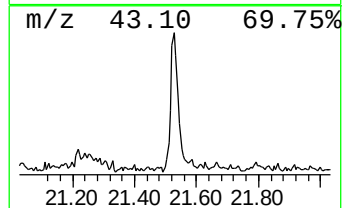
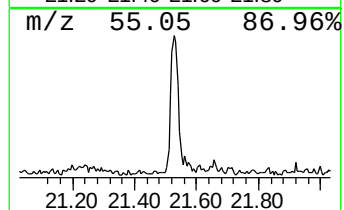
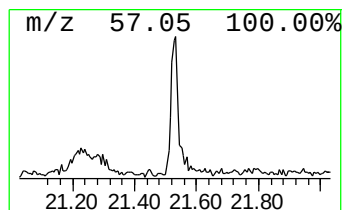
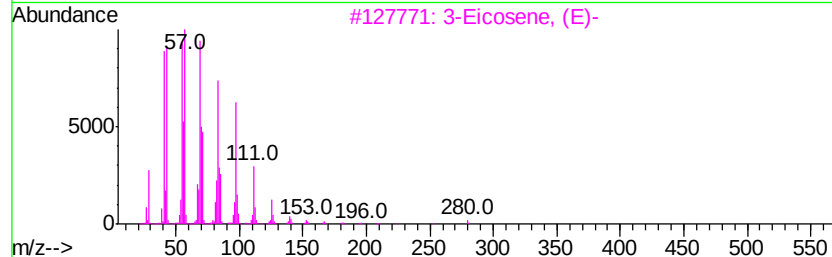
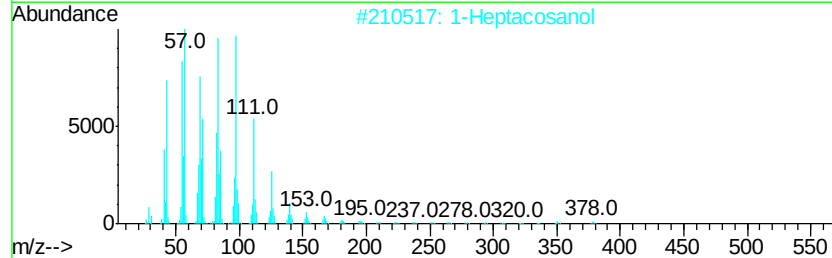
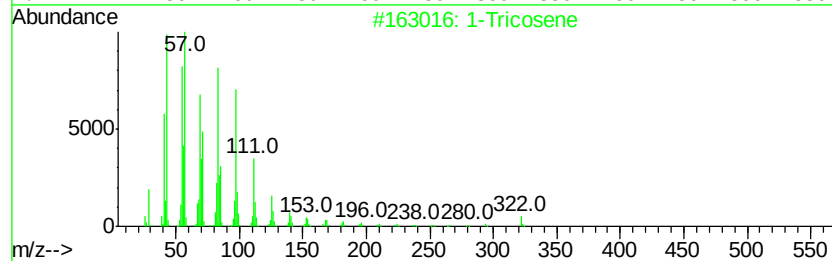
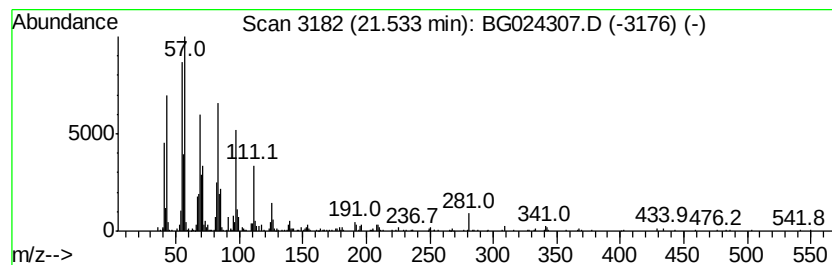
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.99 ng/ul	687508	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tricosene	322	C23H46	018835-32-0	91
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		Octacosanol	410	C28H58O	000557-61-9	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101216\
Data File : BG024307.D
Acq On : 12 Oct 2016 18:49
Operator : UM/SJ
Sample : H5145-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN87

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
1-Dodecanol, 2-he...	17.36	6.1	ng/ul	916089	4	17.64	2989660	20.0
n-Hexadecanoic acid	18.49	5.5	ng/ul	822908	4	17.64	2989660	20.0
Octadecanoic acid	19.75	3.0	ng/ul	451605	4	17.64	2989660	20.0
(DEL) Alkane: Cyc...	21.53	4.0	ng/ul	687508	5	21.94	3447670	20.0