

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022854.D
 Acq On : 5 Jul 2016 17:25
 Operator : UM/SJ
 Sample : H3811-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TV6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	2.999	25	27	29	rBV3	10145	11110	0.24%	0.017%
2	3.540	117	119	124	rVB4	17074	14500	0.31%	0.022%
3	3.816	162	166	170	rBV3	21003	37178	0.80%	0.057%
4	3.898	178	180	184	rBV3	8195	8158	0.17%	0.013%
5	5.097	383	384	389	rBV3	6343	8596	0.18%	0.013%
6	5.467	446	447	452	rVB3	7610	9429	0.20%	0.015%
7	6.043	542	545	548	rBV4	7530	8065	0.17%	0.012%
8	6.207	568	573	574	rBV5	7806	12819	0.27%	0.020%
9	6.343	593	596	600	rBV5	6481	8698	0.19%	0.013%
10	6.578	631	636	638	rBV5	10090	11887	0.25%	0.018%
11	7.218	743	745	749	rVB4	5704	8057	0.17%	0.012%
12	7.306	752	760	774	rVV	563261	1056771	22.66%	1.631%
13	7.400	774	776	781	rVV5	6165	7941	0.17%	0.012%
14	7.471	781	788	798	rVB	362964	624703	13.40%	0.964%
15	7.682	817	824	834	rBV	515936	869497	18.65%	1.342%
16	8.158	898	905	915	rVB	414468	750661	16.10%	1.159%
17	8.387	941	944	946	rVB4	8724	9613	0.21%	0.015%
18	8.857	1015	1024	1033	rBV2	727758	1283826	27.53%	1.982%
19	9.192	1078	1081	1082	rVV2	8235	8091	0.17%	0.012%
20	9.327	1096	1104	1111	rBV	530441	974161	20.89%	1.504%
21	9.380	1111	1113	1116	rVV2	31314	34236	0.73%	0.053%
22	9.427	1119	1121	1127	rVB6	11884	17546	0.38%	0.027%
23	9.615	1150	1153	1156	rBV3	7232	8734	0.19%	0.013%
24	9.715	1166	1170	1171	rVV3	11727	12570	0.27%	0.019%
25	10.056	1219	1228	1236	rBV2	486560	879551	18.86%	1.358%
26	10.197	1246	1252	1258	rBV2	41674	86054	1.85%	0.133%
27	10.403	1285	1287	1291	rVB3	8083	11607	0.25%	0.018%
28	10.596	1314	1320	1329	rBV	801613	1409409	30.23%	2.176%
29	10.737	1338	1344	1346	rBV6	8742	11969	0.26%	0.018%
30	10.984	1380	1386	1393	rVV	673534	1176355	25.23%	1.816%
31	11.119	1403	1409	1418	rBV2	216060	467191	10.02%	0.721%
32	11.748	1511	1516	1522	rBV9	11611	28818	0.62%	0.044%
33	11.871	1533	1537	1538	rBV	17002	15628	0.34%	0.024%
34	12.506	1644	1645	1650	rVB3	8182	9290	0.20%	0.014%

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35	12.559	1650	1654	1657	rBV5	19829	25606	0.55%	0.040%
36	12.847	1698	1703	1706	rBV5	7980	10728	0.23%	0.017%
37	13.146	1750	1754	1757	rBV4	7132	8464	0.18%	0.013%
38	13.346	1785	1788	1792	rBV6	7788	11264	0.24%	0.017%
39	13.399	1794	1797	1798	rBV2	11370	8592	0.18%	0.013%
40	13.452	1803	1806	1808	rVB4	8974	11202	0.24%	0.017%
41	13.675	1842	1844	1846	rVB3	10694	7855	0.17%	0.012%
42	13.928	1883	1887	1891	rBV2	24260	44298	0.95%	0.068%
43	14.192	1924	1932	1937	rBV	1456049	2266347	48.60%	3.498%
44	14.239	1937	1940	1948	rVB	468885	657313	14.10%	1.015%
45	14.439	1971	1974	1976	rBV3	7446	8775	0.19%	0.014%
46	14.498	1976	1984	1991	rBV	1486985	2436221	52.25%	3.761%
47	14.639	2004	2008	2011	rBV4	32165	44492	0.95%	0.069%
48	14.674	2011	2014	2018	rVB3	34197	39263	0.84%	0.061%
49	14.745	2021	2026	2028	rBV5	10136	16731	0.36%	0.026%
50	14.797	2029	2035	2044	rVB2	1172352	1985698	42.58%	3.065%
51	14.991	2061	2068	2080	rBV2	623387	1111779	23.84%	1.716%
52	15.144	2090	2094	2098	rBV7	23066	34430	0.74%	0.053%
53	15.267	2112	2115	2116	rBV3	8080	8644	0.19%	0.013%
54	15.526	2153	2159	2164	rBV	40507	62429	1.34%	0.096%
55	15.573	2164	2167	2169	rVV4	13346	19390	0.42%	0.030%
56	15.626	2171	2176	2179	rVB3	42999	68876	1.48%	0.106%
57	15.673	2181	2184	2185	rBV3	9336	8295	0.18%	0.013%
58	15.790	2195	2204	2211	rBV	2069428	3300543	70.78%	5.095%
59	15.902	2216	2223	2230	rBV	705407	1035887	22.21%	1.599%
60	16.025	2239	2244	2250	rVB6	42819	78952	1.69%	0.122%
61	16.166	2267	2268	2276	rBV8	12473	26342	0.56%	0.041%
62	16.484	2318	2322	2327	rBV4	52611	92380	1.98%	0.143%
63	16.566	2334	2336	2340	rBV5	10746	14620	0.31%	0.023%
64	16.666	2349	2353	2358	rBV8	18349	35702	0.77%	0.055%
65	16.748	2363	2367	2372	rVB8	14539	30340	0.65%	0.047%
66	16.830	2378	2381	2386	rBV8	17818	28831	0.62%	0.045%
67	16.889	2389	2391	2393	rBV2	13872	9904	0.21%	0.015%
68	16.918	2393	2396	2399	rBV5	22312	36969	0.79%	0.057%
69	16.995	2407	2409	2411	rBV3	13099	10802	0.23%	0.017%
70	17.059	2417	2420	2423	rBV5	17339	27966	0.60%	0.043%
71	17.247	2448	2452	2454	rBV4	57872	74784	1.60%	0.115%

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72	17.277	2454	2457	2461	rVB	88737	109836	2.36%	0.170%
73	17.418	2478	2481	2487	rBV7	56315	98901	2.12%	0.153%
74	17.553	2497	2504	2510	rBV2	1555915	2388898	51.23%	3.688%
75	17.653	2515	2521	2534	rVV	2094871	3208451	68.81%	4.953%
76	17.753	2536	2538	2543	rVB5	20847	23424	0.50%	0.036%
77	18.017	2581	2583	2588	rVB4	57686	64624	1.39%	0.100%
78	18.305	2627	2632	2637	rBV5	77088	123506	2.65%	0.191%
79	18.417	2647	2651	2660	rVB	583941	790852	16.96%	1.221%
80	18.711	2698	2701	2707	rBV8	34602	52198	1.12%	0.081%
81	18.957	2741	2743	2748	rVB6	21989	26747	0.57%	0.041%
82	19.045	2756	2758	2760	rBV3	13022	12086	0.26%	0.019%
83	19.333	2804	2807	2814	rVB2	150282	165939	3.56%	0.256%
84	19.568	2839	2847	2849	rBV	435391	623808	13.38%	0.963%
85	19.680	2862	2866	2872	rBV2	294358	412950	8.86%	0.637%
86	19.933	2902	2909	2921	rVB	2614282	3975479	85.26%	6.137%
87	20.409	2987	2990	2991	rBV3	84189	83943	1.80%	0.130%
88	20.432	2992	2994	3003	rVB3	192249	258372	5.54%	0.399%
89	20.749	3046	3048	3051	rBV4	40643	52869	1.13%	0.082%
90	21.454	3163	3168	3181	rBV	1782039	2918782	62.59%	4.506%
91	21.848	3229	3235	3242	rBV2	1635659	2845182	61.02%	4.392%
92	22.283	3305	3309	3316	rVB3	210585	314577	6.75%	0.486%
93	22.688	3368	3378	3396	rBV2	1723852	4663032	100.00%	7.198%
94	23.758	3554	3560	3567	rVB2	505577	1048381	22.48%	1.618%
95	24.233	3633	3641	3647	rBV	1497986	3306046	70.90%	5.103%
96	24.304	3648	3653	3666	rVB3	466354	1231246	26.40%	1.901%
97	24.991	3761	3770	3784	rVB2	1185413	3310983	71.00%	5.111%
98	25.226	3800	3810	3822	rVB2	1015085	2924637	62.72%	4.515%
99	25.779	3896	3904	3917	rVB2	583495	1654529	35.48%	2.554%
100	26.419	4002	4013	4026	rVB2	1344512	4497608	96.45%	6.943%

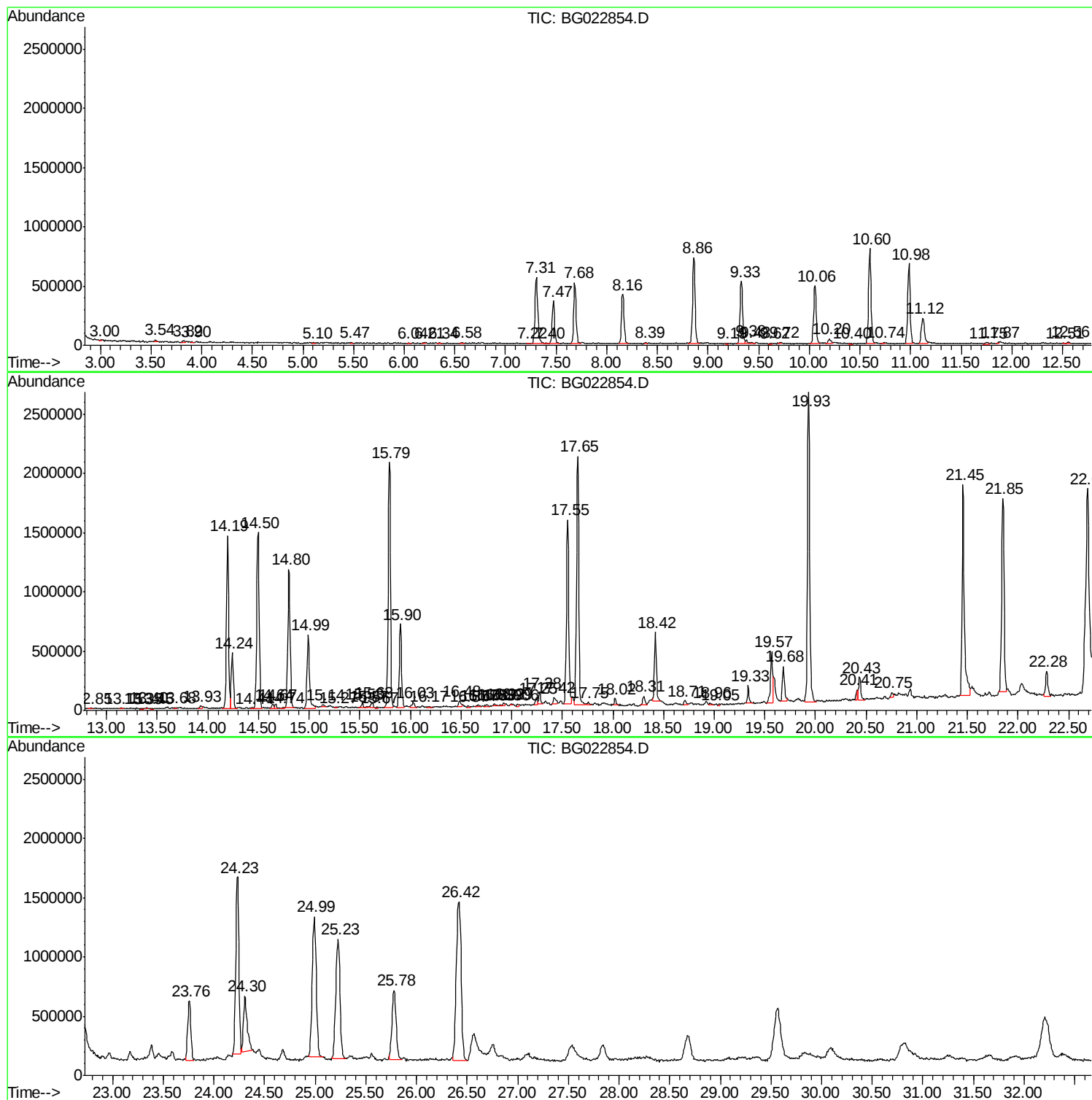
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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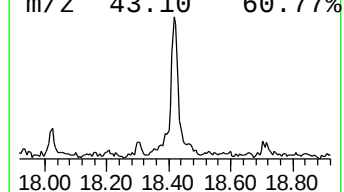
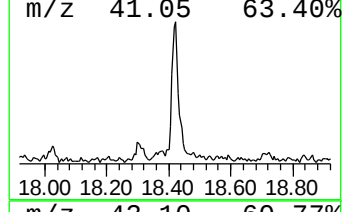
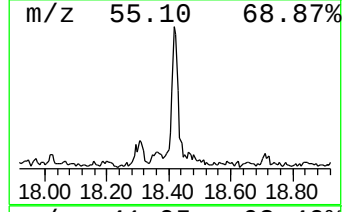
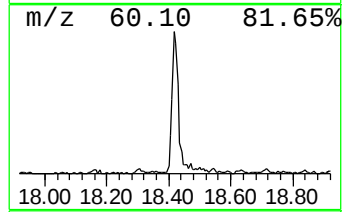
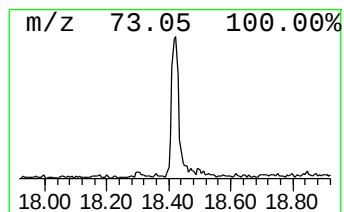
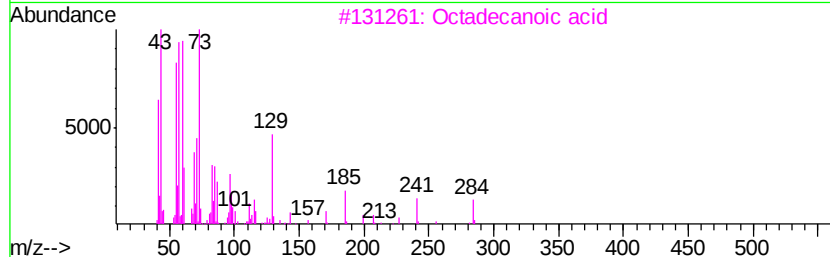
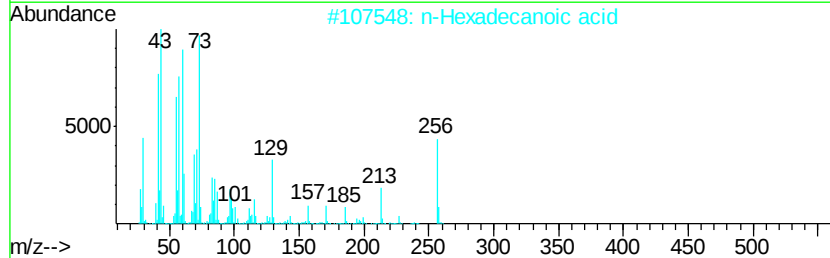
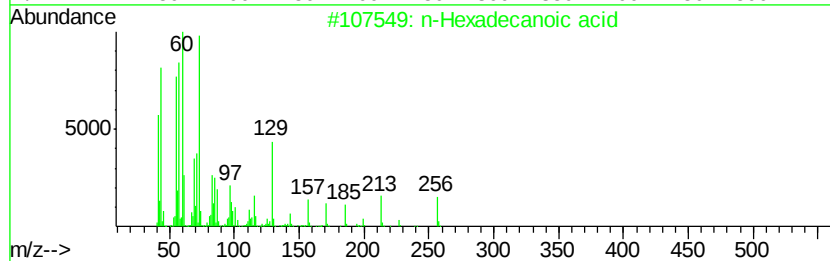
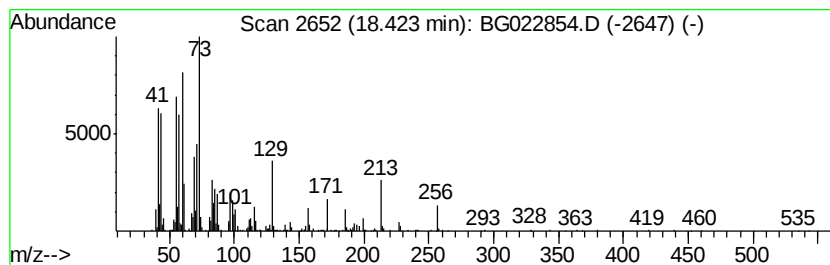
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.62 ng/ul	790852	Phenanthrene-d10	17.55

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		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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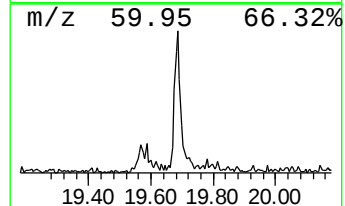
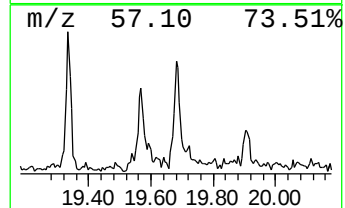
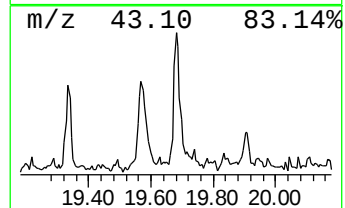
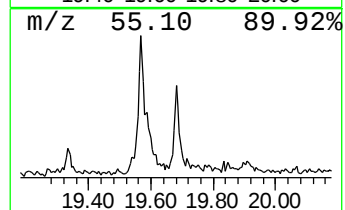
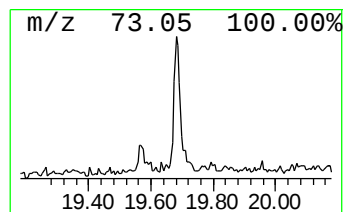
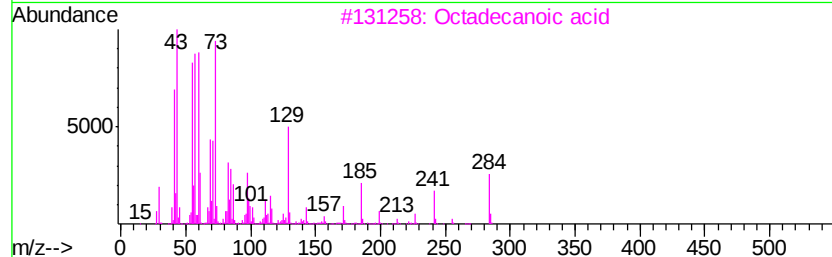
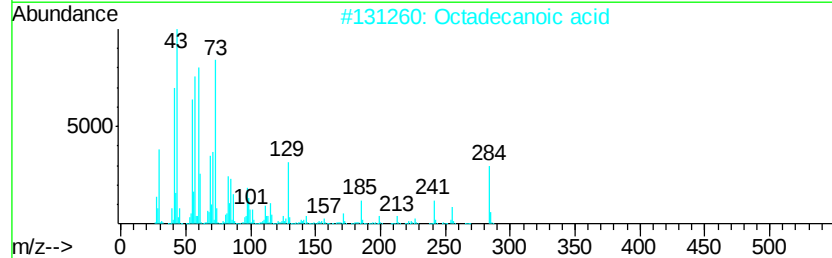
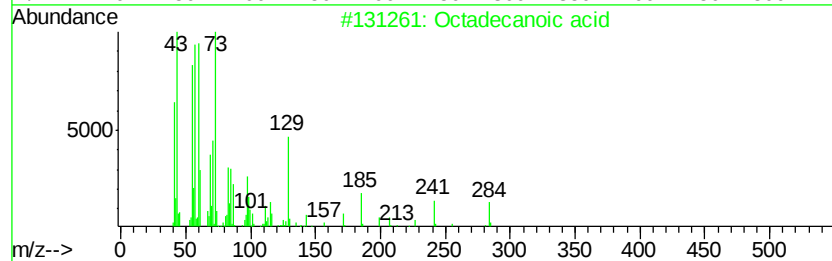
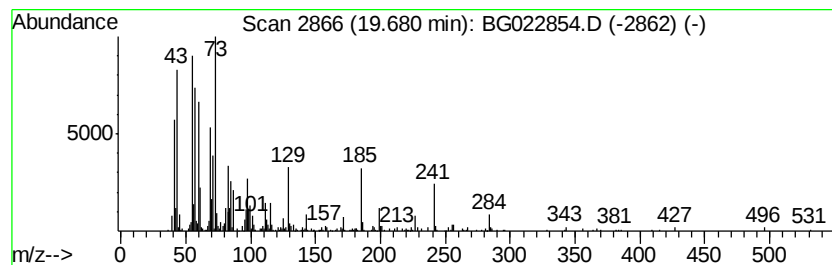
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.46 ng/ul	412950	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	74	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	72	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	



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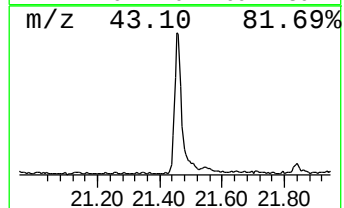
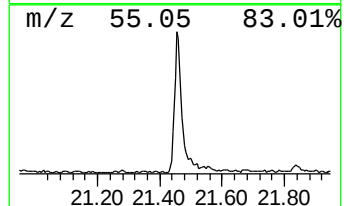
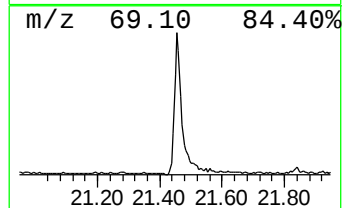
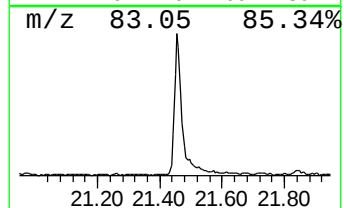
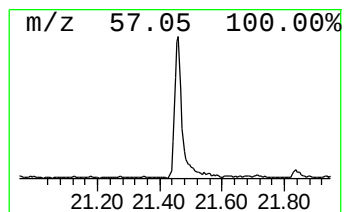
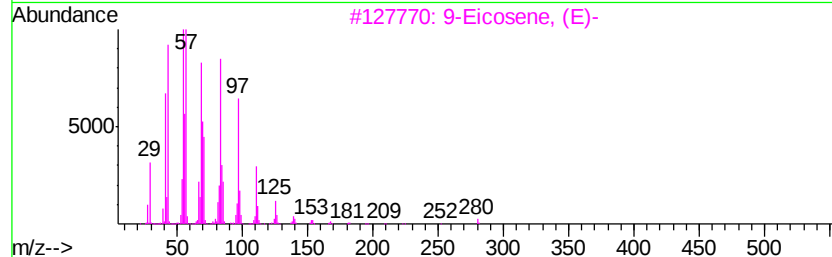
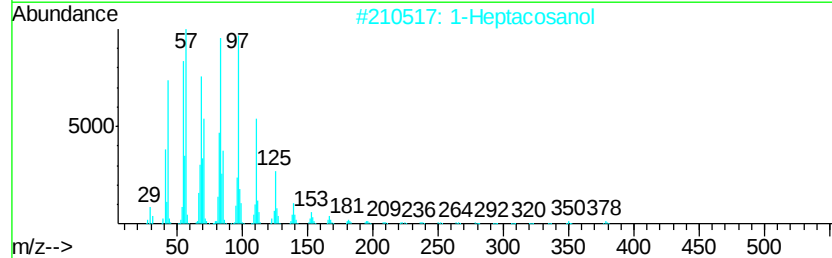
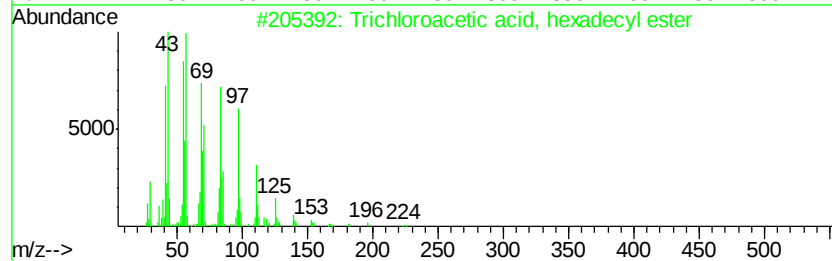
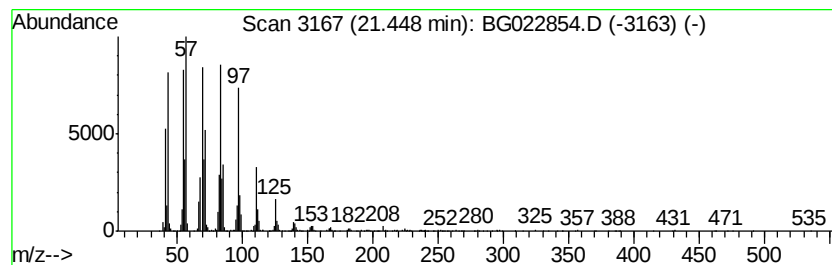
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	20.52 ng/ul	2918780	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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Acq On : 5 Jul 2016 17:25
Operator : UM/SJ
Sample : H3811-06
Misc :
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Instrument :
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ClientSampleId :
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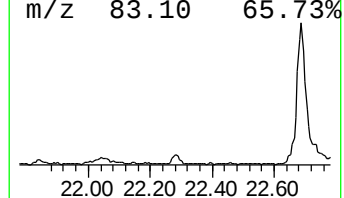
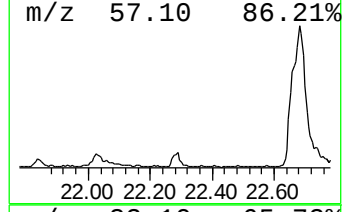
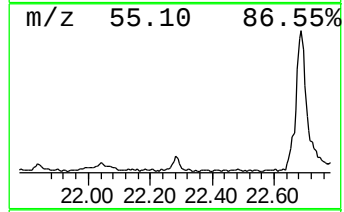
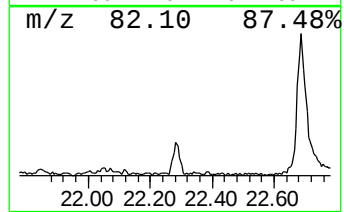
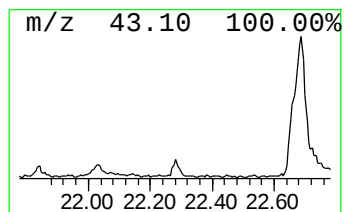
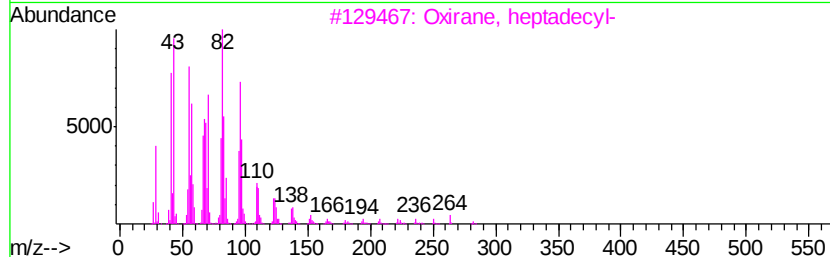
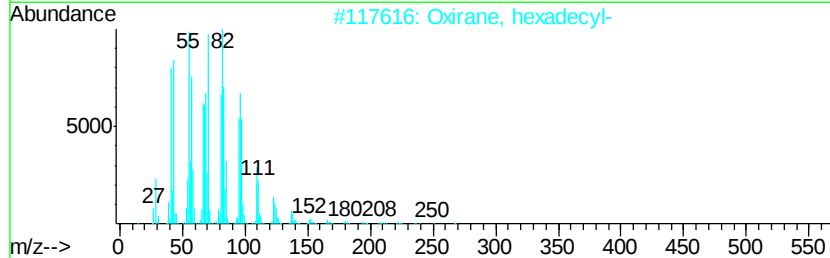
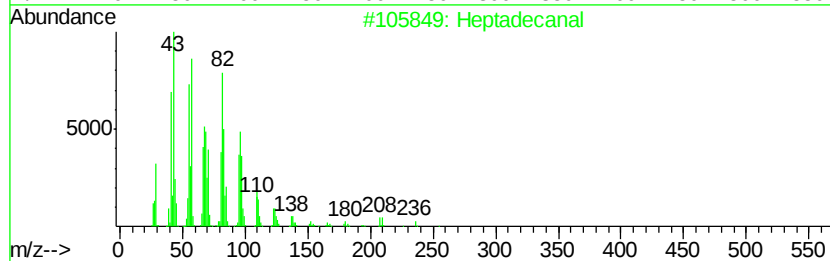
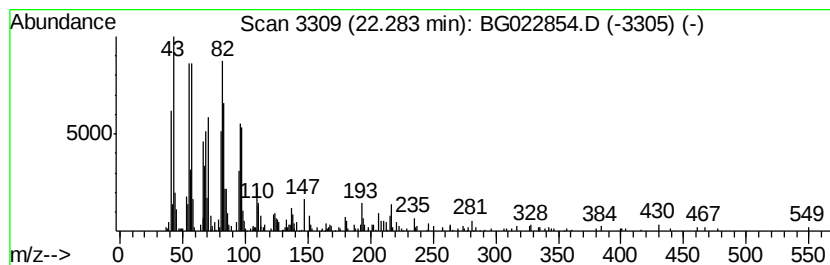
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	2.21 ng/ul	314577	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecanal	254	C17H34O	1000376-70-0	83
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68
4		1,19-Eicosadiene	278	C20H38	014811-95-1	68
5		Z-11-Tetradecen-1-ol trifluoroac...	308	C16H27F3O2	1000131-33-7	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022854.D
Acq On : 5 Jul 2016 17:25
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Sample : H3811-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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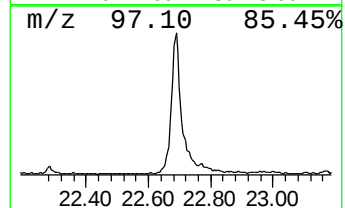
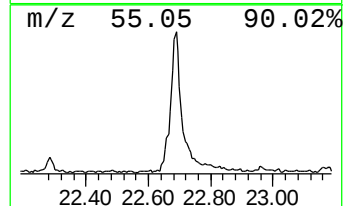
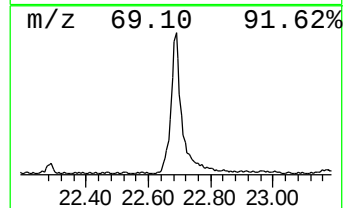
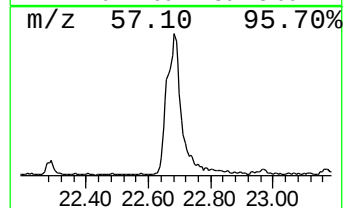
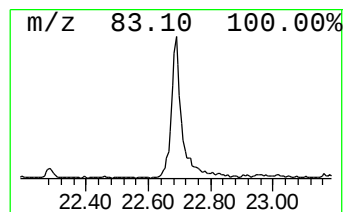
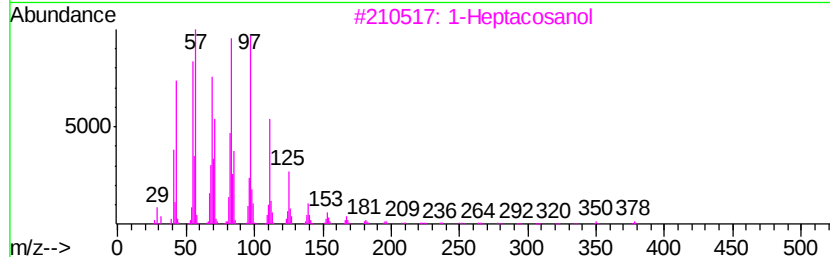
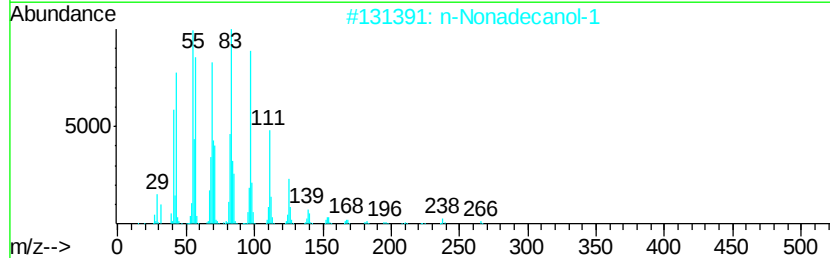
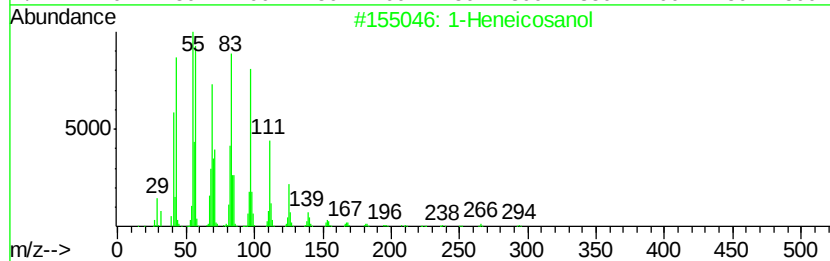
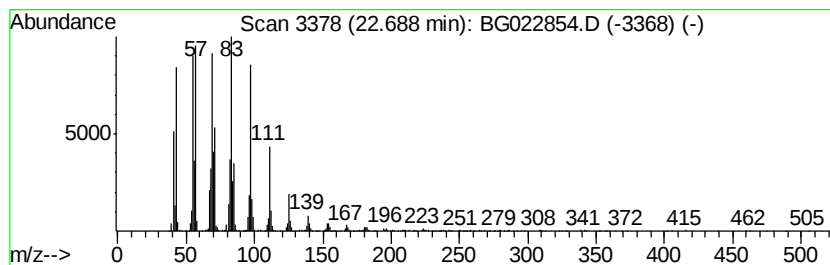
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	32.78 ng/ul	4663030	Chrysene-d12	21.85

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	1-Heptacosanol	396	C27H56O	002004-39-9	89
4	Behenic alcohol	326	C22H46O	000661-19-8	89
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022854.D
Acq On : 5 Jul 2016 17:25
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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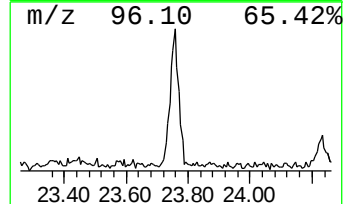
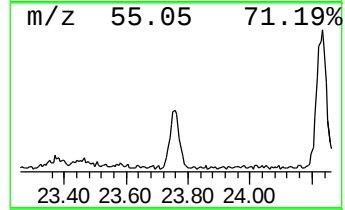
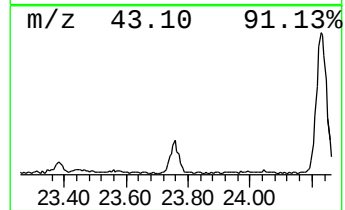
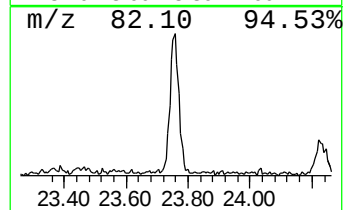
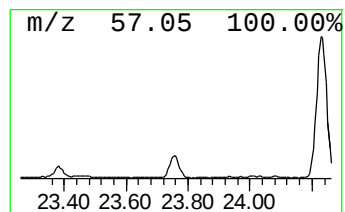
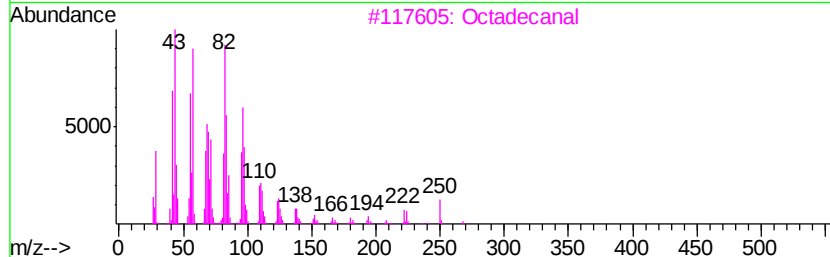
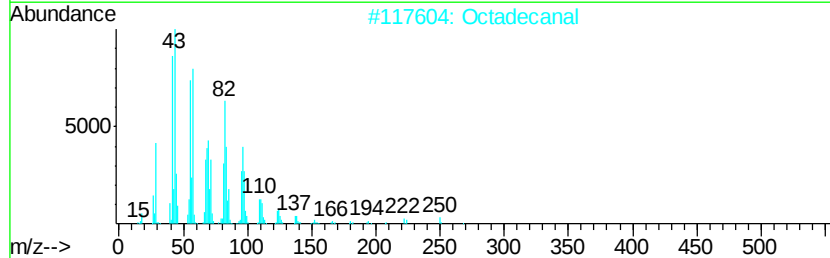
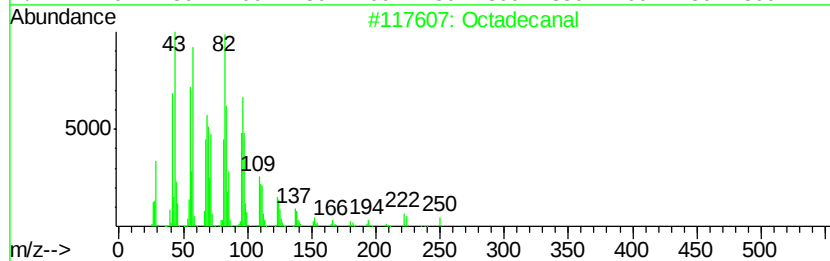
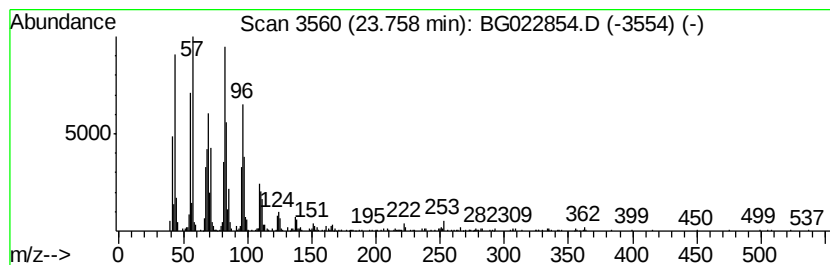
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	7.17 ng/ul	1048380	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Octadecanal	268	C18H36O	000638-66-4	91
3		Octadecanal	268	C18H36O	000638-66-4	90
4		1,19-Eicosadiene	278	C20H38	014811-95-1	72
5		Heptadecanal	254	C17H34O	1000376-70-0	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022854.D
Acq On : 5 Jul 2016 17:25
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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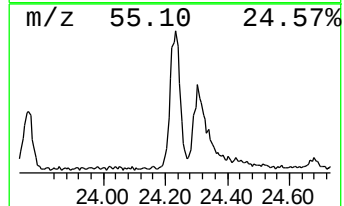
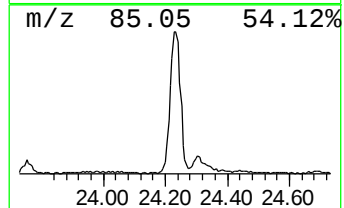
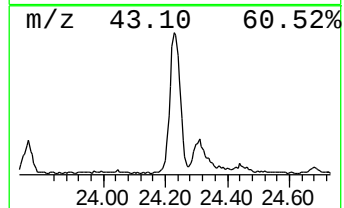
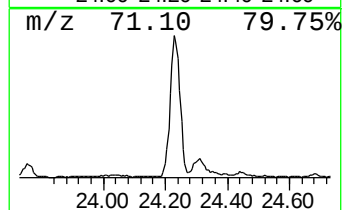
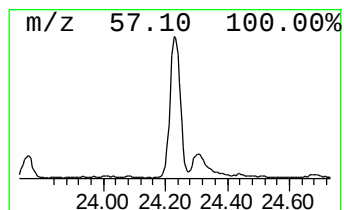
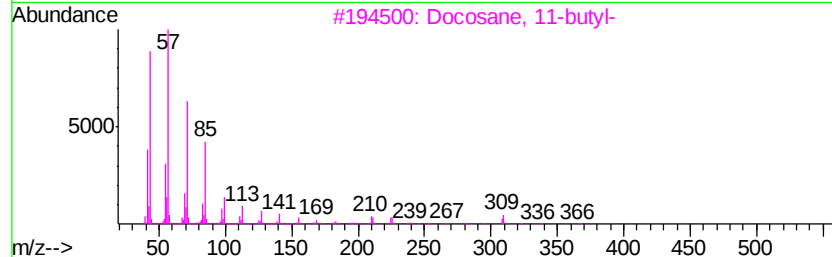
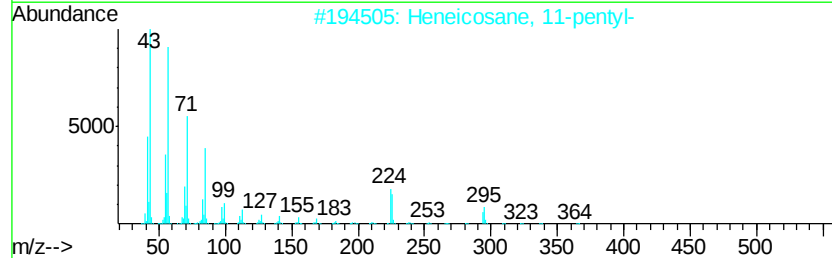
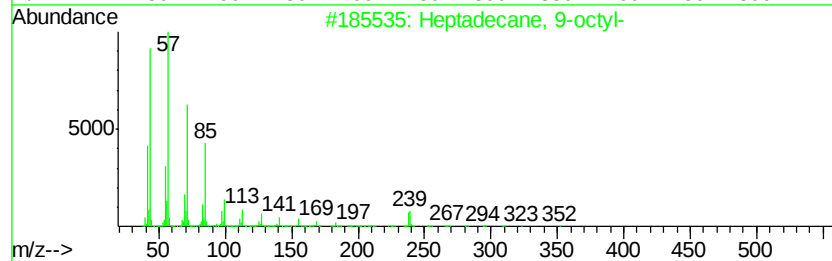
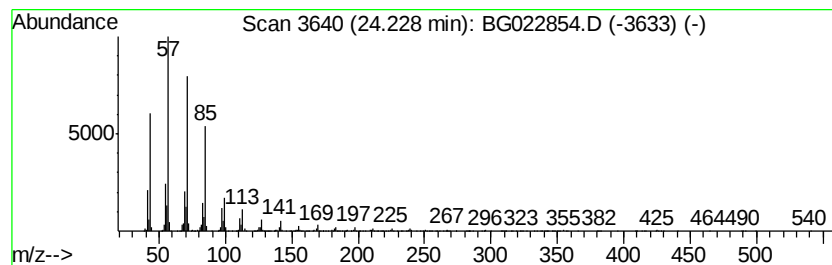
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	22.61 ng/ul	3306050	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
4		Hexadecane	226	C16H34	000544-76-3	93
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022854.D
Acq On : 5 Jul 2016 17:25
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Misc :
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ClientSampleId :
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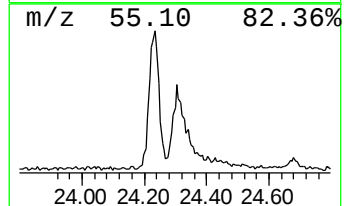
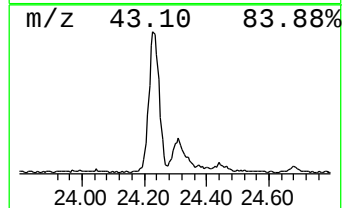
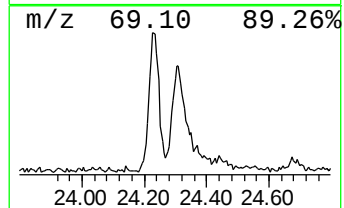
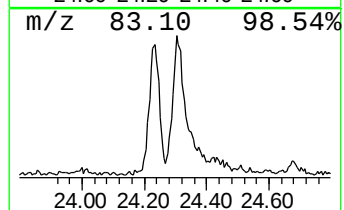
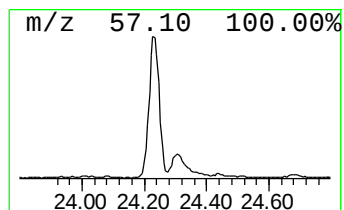
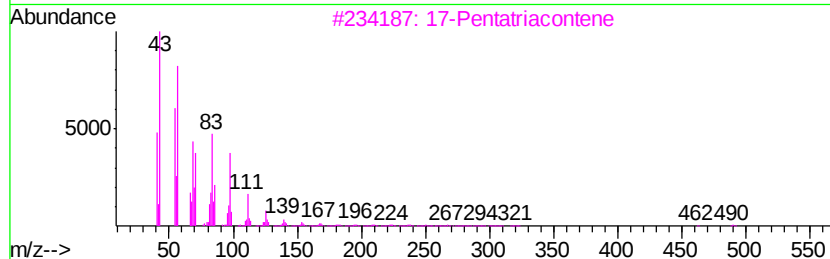
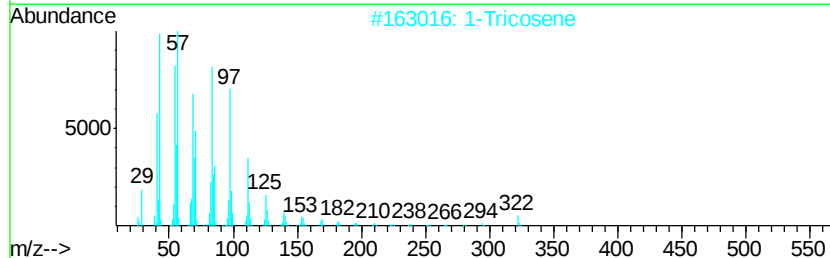
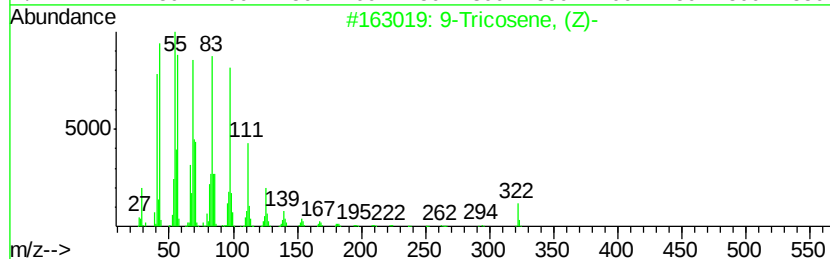
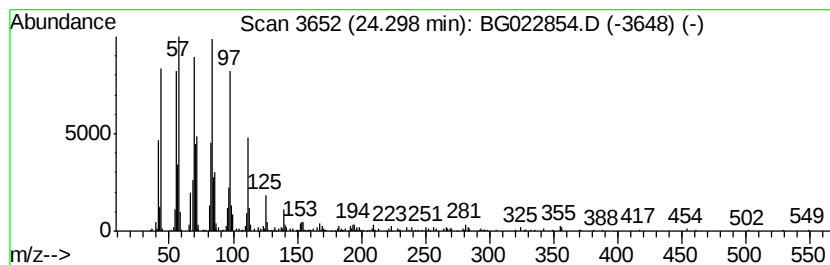
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic24.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.30	8.42 ng/ul	1231250	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2		1-Tricosene	322	C23H46	018835-32-0	78
3		17-Pentatriacontene	491	C35H70	006971-40-0	64
4		1-Heptacosanol	396	C27H56O	002004-39-9	64
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022854.D
Acq On : 5 Jul 2016 17:25
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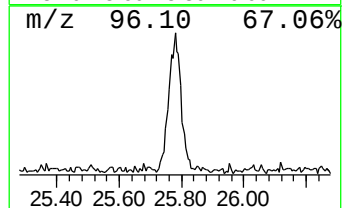
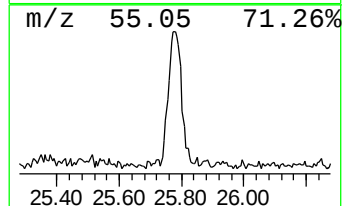
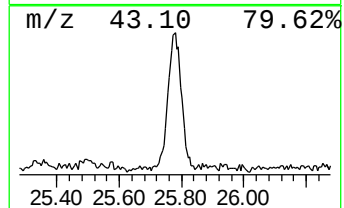
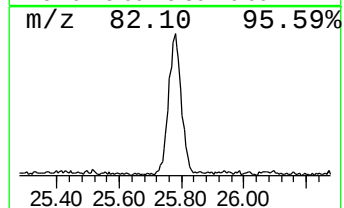
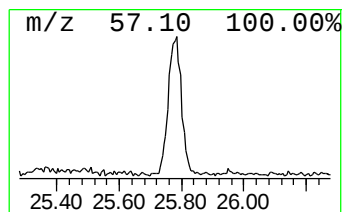
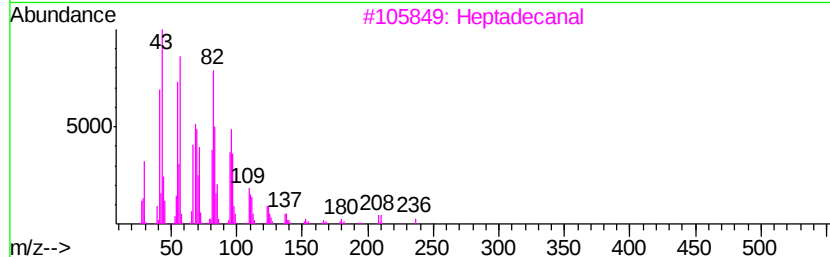
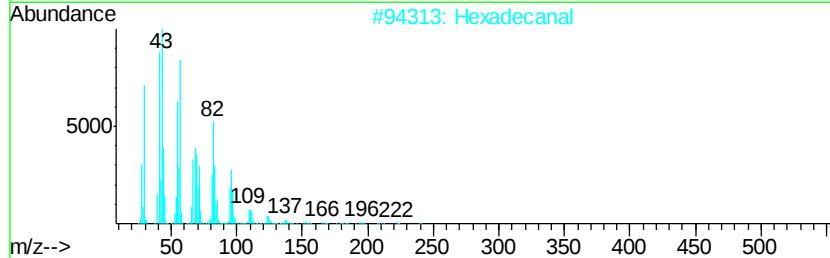
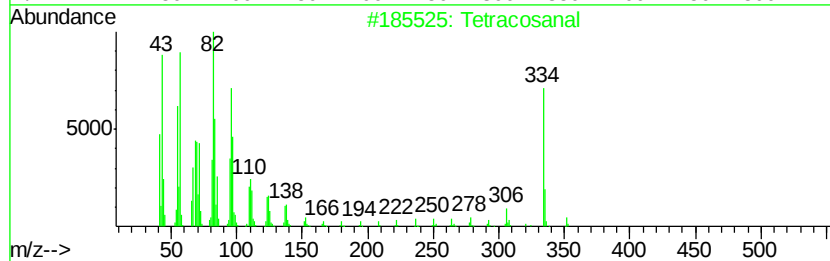
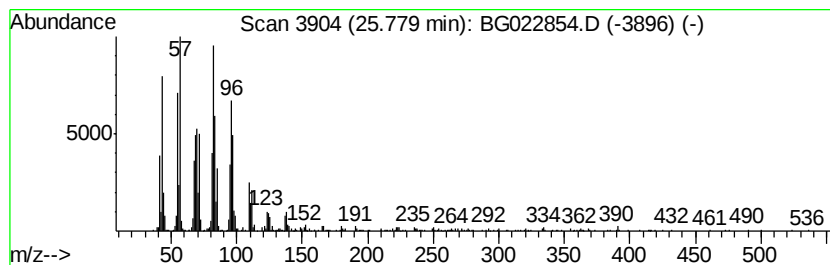
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Tetracosanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	11.31 ng/ul	1654530	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanal	352	C24H48O	057866-08-7	90
2		Hexadecanal	240	C16H32O	000629-80-1	81
3		Heptadecanal	254	C17H34O	1000376-70-0	80
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
5		1,19-Eicosadiene	278	C20H38	014811-95-1	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022854.D
Acq On : 5 Jul 2016 17:25
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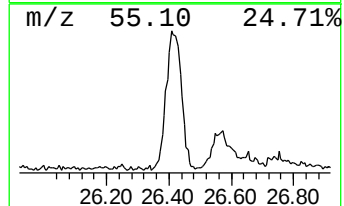
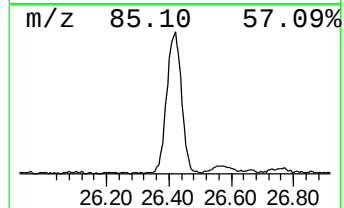
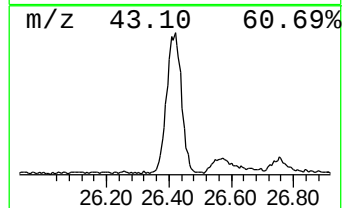
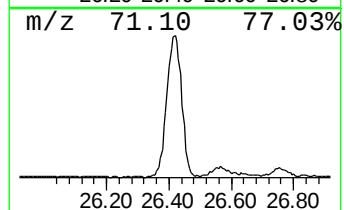
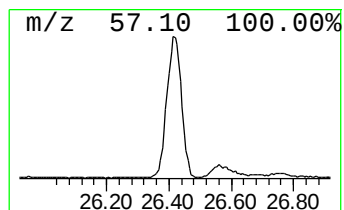
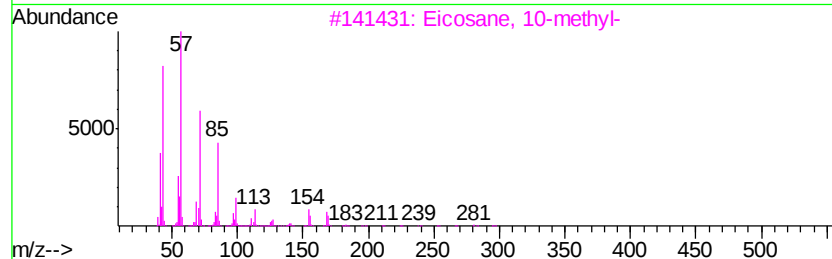
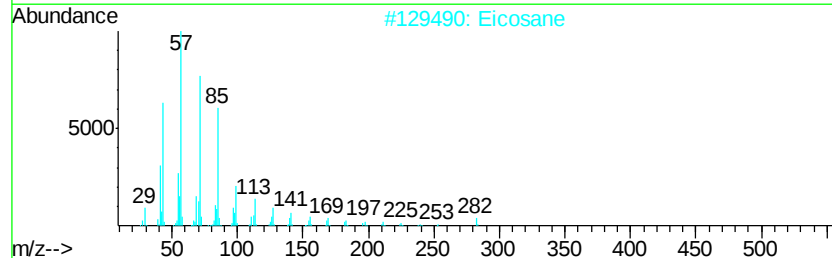
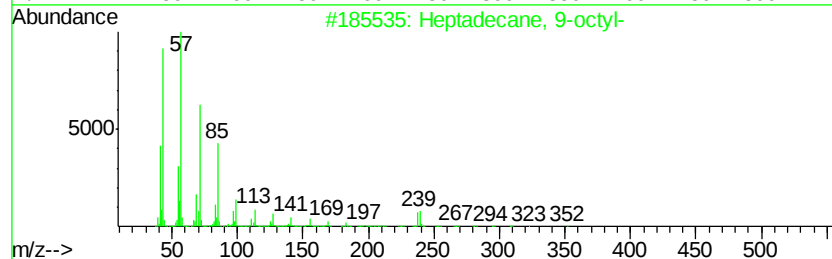
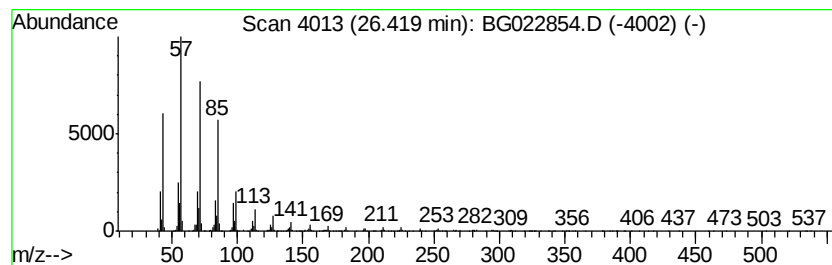
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	30.76 ng/ul	4497610	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
Data File : BG022854.D
Acq On : 5 Jul 2016 17:25
Operator : UM/SJ
Sample : H3811-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TV6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	18.42	6.6	ng/ul	790852	4	17.55	2388900	20.0
Octadecanoic acid	19.68	3.5	ng/ul	412950	4	17.55	2388900	20.0
Trichloroacetic a...	21.45	20.5	ng/ul	2918780	5	21.85	2845180	20.0
Heptadecanal	22.28	2.2	ng/ul	314577	5	21.85	2845180	20.0
1-Heneicosanol	22.69	32.8	ng/ul	4663030	5	21.85	2845180	20.0
Octadecanal	23.76	7.2	ng/ul	1048380	6	25.22	2924640	20.0
(DEL) Alkane: Str...	24.23	22.6	ng/ul	3306050	6	25.22	2924640	20.0
(DEL) Alkane: Cyc...	24.30	8.4	ng/ul	1231250	6	25.22	2924640	20.0
Tetracosanal	25.78	11.3	ng/ul	1654530	6	25.22	2924640	20.0
(DEL) Alkane: Str...	26.42	30.8	ng/ul	4497610	6	25.22	2924640	20.0