

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
 Data File : BG025615.D
 Acq On : 24 Jan 2017 19:51
 Operator : UM/SJ
 Sample : I1316-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP33

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-BG011817.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	3.069	36	39	47	rVB	89452	125523	4.10%	0.308%
2	3.146	51	52	58	rVB5	20461	25490	0.83%	0.062%
3	3.510	111	114	118	rVB4	19457	22865	0.75%	0.056%
4	3.733	151	152	159	rBV6	7312	13345	0.44%	0.033%
5	4.021	196	201	212	rVB3	26774	51771	1.69%	0.127%
6	4.303	248	249	256	rVB4	9632	13243	0.43%	0.032%
7	4.450	272	274	280	rBV6	6622	11540	0.38%	0.028%
8	4.662	305	310	315	rBV7	12301	26111	0.85%	0.064%
9	4.914	348	353	356	rVB5	9124	14193	0.46%	0.035%
10	5.008	367	369	374	rVB5	9002	10574	0.35%	0.026%
11	5.243	403	409	413	rBV8	13076	26213	0.86%	0.064%
12	5.449	439	444	446	rBV3	5759	10901	0.36%	0.027%
13	5.602	465	470	476	rVB6	7940	13989	0.46%	0.034%
14	5.743	490	494	500	rBV6	9232	13915	0.45%	0.034%
15	6.025	537	542	547	rBV6	5121	11216	0.37%	0.027%
16	6.630	640	645	651	rVV8	10838	21589	0.70%	0.053%
17	6.730	654	662	668	rBV8	11759	23838	0.78%	0.058%
18	6.930	691	696	701	rBV8	10066	21873	0.71%	0.054%
19	7.341	757	766	784	rBV3	265812	669968	21.86%	1.643%
20	7.494	785	792	807	rVB	233960	407232	13.29%	0.998%
21	7.705	819	828	843	rBV	289658	560227	18.28%	1.373%
22	7.852	852	853	860	rVB6	6601	10483	0.34%	0.026%
23	8.175	900	908	923	rVB	334160	629568	20.54%	1.543%
24	8.293	923	928	932	rBV5	7053	11414	0.37%	0.028%
25	8.375	939	942	951	rVB8	7360	15809	0.52%	0.039%
26	8.892	1024	1030	1046	rBV2	287526	621075	20.27%	1.523%
27	9.362	1103	1110	1125	rBV	323316	633810	20.68%	1.554%
28	9.497	1130	1133	1138	rVB4	9090	12067	0.39%	0.030%
29	9.673	1158	1163	1167	rBV6	13987	20604	0.67%	0.051%
30	9.920	1201	1205	1211	rVB5	6375	11380	0.37%	0.028%
31	10.091	1225	1234	1248	rBV2	295892	633822	20.68%	1.554%
32	10.637	1318	1327	1345	rBV	364394	769307	25.10%	1.886%
33	11.001	1381	1389	1402	rVB	516234	983381	32.09%	2.411%
34	11.154	1408	1415	1432	rBV	282007	665078	21.70%	1.631%

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35	11.630	1489	1496	1501	rVB5	8180	17509	0.57%	0.043%
36	12.494	1638	1643	1648	rBV8	7465	15659	0.51%	0.038%
37	12.605	1656	1662	1665	rBV5	7553	13004	0.42%	0.032%
38	12.682	1672	1675	1679	rBV2	8442	10742	0.35%	0.026%
39	13.651	1839	1840	1849	rBV5	8871	14886	0.49%	0.036%
40	13.963	1888	1893	1898	rBV7	6096	10961	0.36%	0.027%
41	14.098	1909	1916	1925	rBV10	19093	40177	1.31%	0.098%
42	14.203	1925	1934	1938	rBV	954297	1448210	47.25%	3.550%
43	14.250	1939	1942	1956	rVB	220495	350901	11.45%	0.860%
44	14.503	1977	1985	1997	rBV	939591	1564282	51.04%	3.835%
45	14.650	2002	2010	2016	rVB6	23127	47841	1.56%	0.117%
46	14.738	2020	2025	2030	rBV5	16201	28623	0.93%	0.070%
47	14.809	2030	2037	2051	rVV	1027096	1629789	53.18%	3.996%
48	15.049	2069	2078	2097	rBV4	234454	750691	24.49%	1.840%
49	15.196	2100	2103	2107	rVB5	12406	13233	0.43%	0.032%
50	15.261	2109	2114	2121	rVB7	36683	73262	2.39%	0.180%
51	15.320	2121	2124	2135	rVB7	11569	29110	0.95%	0.071%
52	15.549	2156	2163	2168	rBV2	20541	43664	1.42%	0.107%
53	15.596	2168	2171	2177	rVV2	50903	70437	2.30%	0.173%
54	15.672	2177	2184	2190	rVB10	15587	33103	1.08%	0.081%
55	15.796	2197	2205	2215	rBV	1352337	2130812	69.53%	5.224%
56	15.943	2224	2230	2243	rBV	431224	813617	26.55%	1.995%
57	16.160	2263	2267	2270	rVB5	11827	14607	0.48%	0.036%
58	16.219	2270	2277	2285	rVB3	93403	155548	5.08%	0.381%
59	16.342	2293	2298	2303	rVV8	19855	32043	1.05%	0.079%
60	16.454	2312	2317	2326	rBV2	56330	103323	3.37%	0.253%
61	16.671	2348	2354	2359	rBV8	16971	43181	1.41%	0.106%
62	16.865	2384	2387	2391	rVB5	14002	17644	0.58%	0.043%
63	16.924	2391	2397	2402	rBV8	14426	31155	1.02%	0.076%
64	17.071	2419	2422	2429	rVB8	33301	48011	1.57%	0.118%
65	17.153	2429	2436	2442	rVB	93898	133804	4.37%	0.328%
66	17.247	2446	2452	2457	rBV	66858	97381	3.18%	0.239%
67	17.294	2457	2460	2465	rVB5	23125	36477	1.19%	0.089%
68	17.347	2465	2469	2470	rBV4	12422	15542	0.51%	0.038%
69	17.552	2497	2504	2515	rBV2	1368731	2228374	72.71%	5.463%
70	17.652	2515	2521	2537	rVB2	1454508	2391717	78.04%	5.864%
71	17.793	2541	2545	2549	rBV5	8596	15683	0.51%	0.038%

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72	17.911	2558	2565	2570	rBV9	10026	29393	0.96%	0.072%
73	17.987	2572	2578	2584	rVB2	113503	179883	5.87%	0.441%
74	18.140	2600	2604	2607	rVB5	11062	13817	0.45%	0.034%
75	18.175	2608	2610	2618	rVB9	12811	21781	0.71%	0.053%
76	18.340	2635	2638	2641	rBV4	21115	29457	0.96%	0.072%
77	18.398	2642	2648	2658	rVV	417037	665902	21.73%	1.633%
78	18.575	2676	2678	2684	rVB6	13325	20854	0.68%	0.051%
79	18.669	2691	2694	2698	rVB5	26782	32430	1.06%	0.080%
80	19.503	2833	2836	2839	rBV5	10252	13709	0.45%	0.034%
81	19.544	2839	2843	2845	rBV5	49147	71862	2.34%	0.176%
82	19.603	2848	2853	2858	rVB	109238	159739	5.21%	0.392%
83	19.656	2858	2862	2879	rVB3	196575	316203	10.32%	0.775%
84	19.791	2879	2885	2902	rVB	1016275	1194111	38.96%	2.928%
85	19.932	2902	2909	2923	rBV	2032370	3064685	100.00%	7.513%
86	20.149	2943	2946	2951	rVB6	9845	11686	0.38%	0.029%
87	20.285	2965	2969	2974	rBV8	16471	31242	1.02%	0.077%
88	20.455	2994	2998	3006	rBV8	22574	53748	1.75%	0.132%
89	20.831	3055	3062	3068	rVB2	1384931	1752629	57.19%	4.297%
90	21.418	3158	3162	3173	rBV2	50675	156717	5.11%	0.384%
91	21.847	3226	3235	3248	rBV	1565046	2965933	96.78%	7.271%
92	22.582	3355	3360	3368	rBV	40114	93960	3.07%	0.230%
93	23.299	3476	3482	3493	rVB2	88830	163825	5.35%	0.402%
94	24.127	3616	3623	3636	rBV6	114343	330004	10.77%	0.809%
95	25.003	3761	3772	3782	rBV2	948306	2873027	93.75%	7.044%
96	25.097	3782	3788	3799	rVB4	190461	528065	17.23%	1.295%
97	25.232	3801	3811	3831	rVB2	856517	2623511	85.60%	6.432%
98	26.272	3979	3988	4002	rVB3	187081	591836	19.31%	1.451%
99	27.676	4216	4227	4239	rVB3	168100	620703	20.25%	1.522%
100	29.350	4503	4512	4529	rVB7	122598	549959	17.95%	1.348%

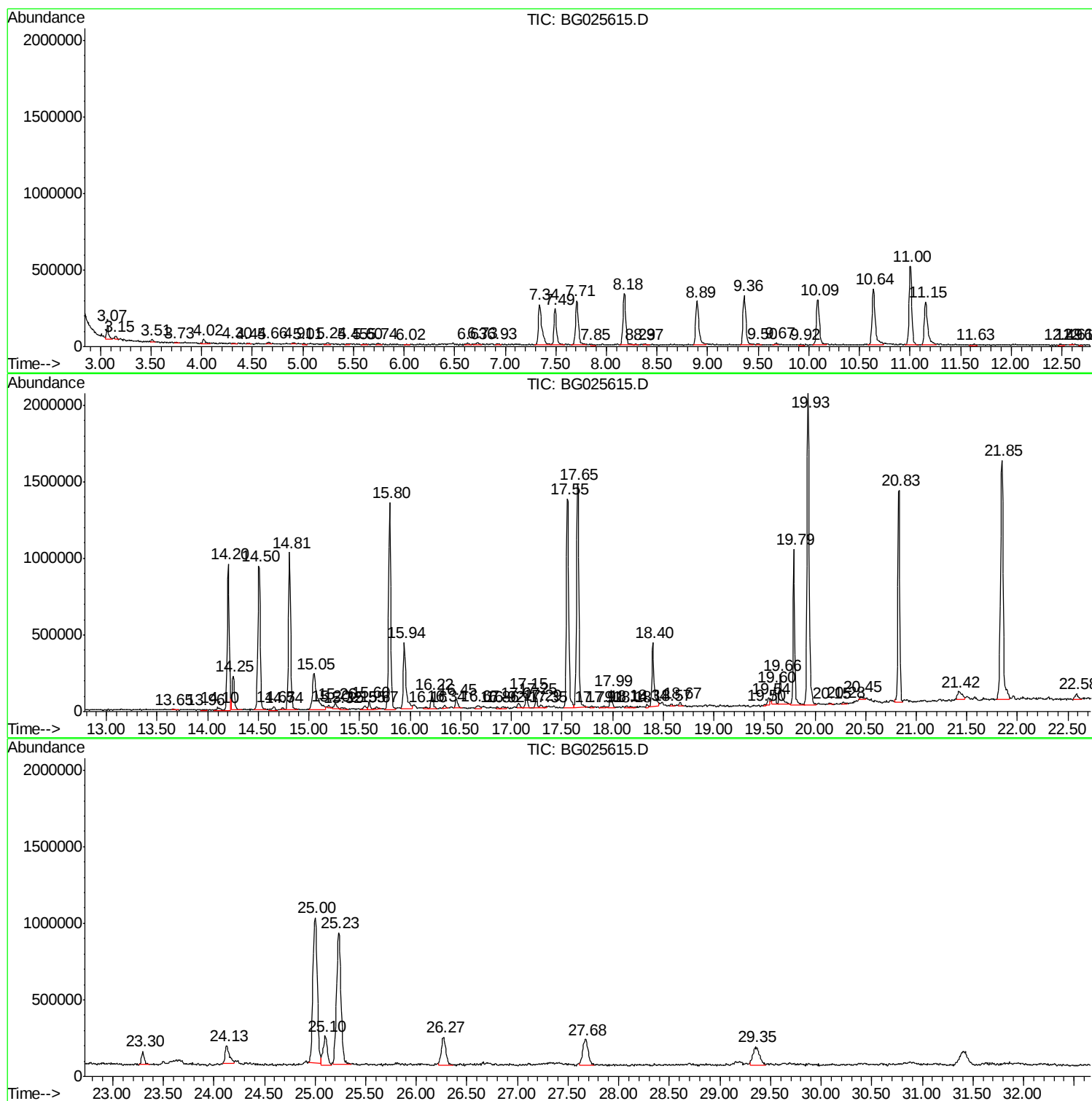
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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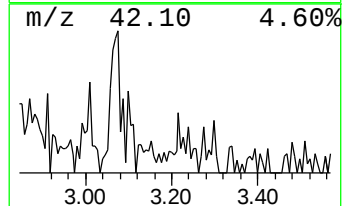
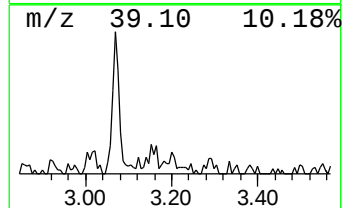
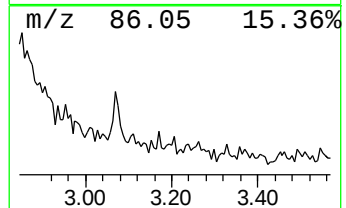
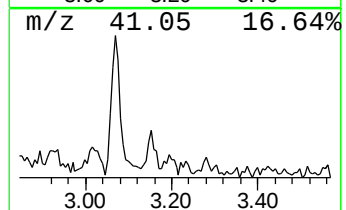
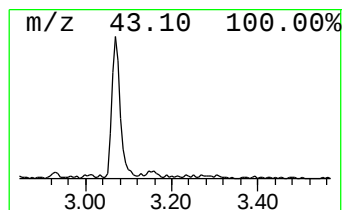
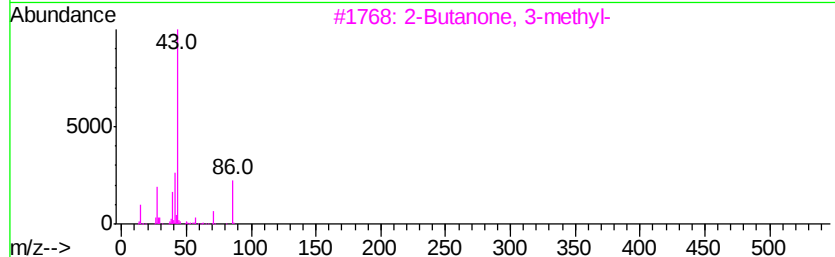
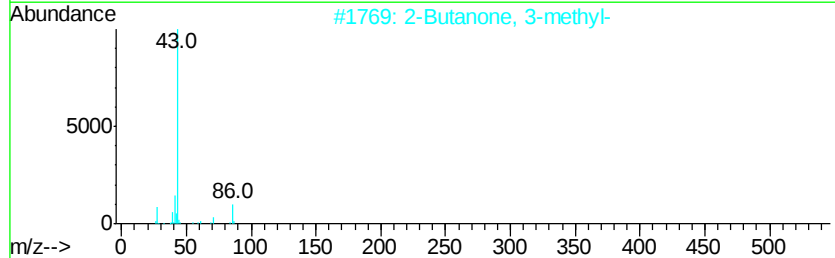
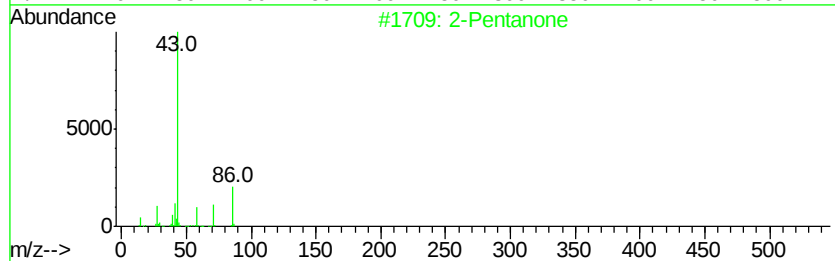
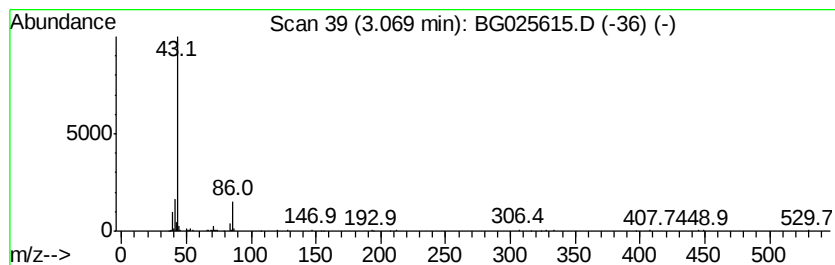
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	3.99 ng/ul	125523	1,4-Dichlorobenzene-d4	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone	86	C5H10O	000107-87-9	43
2			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	43
3			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	43
4			2,3-Butanedione	86	C4H6O2	000431-03-8	37
5			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	37



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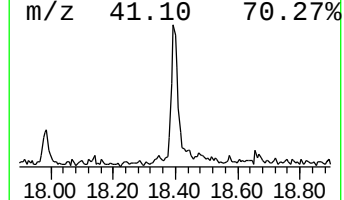
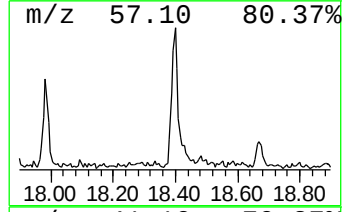
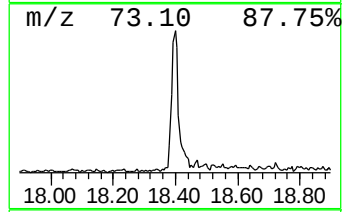
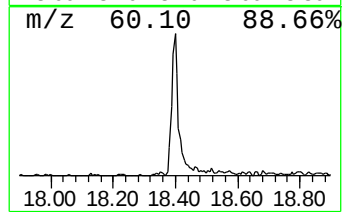
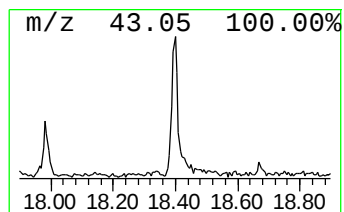
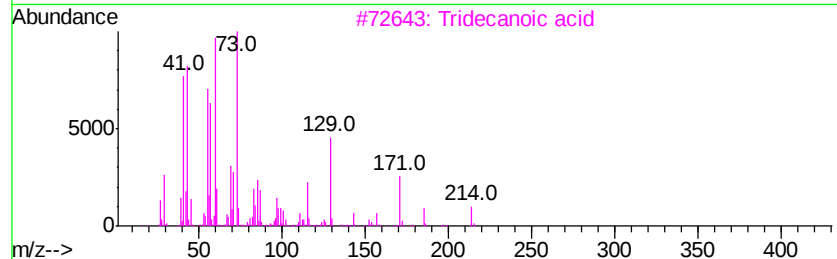
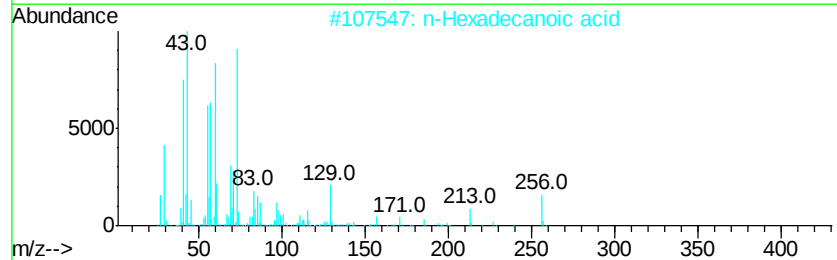
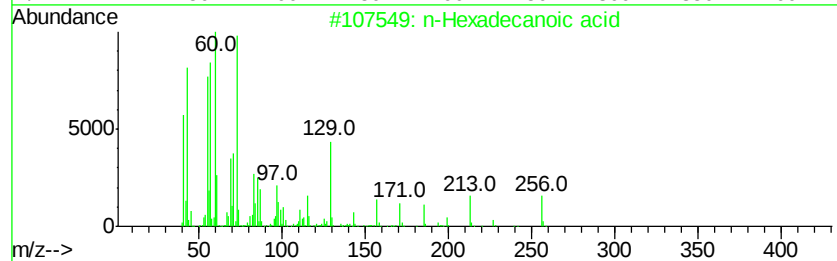
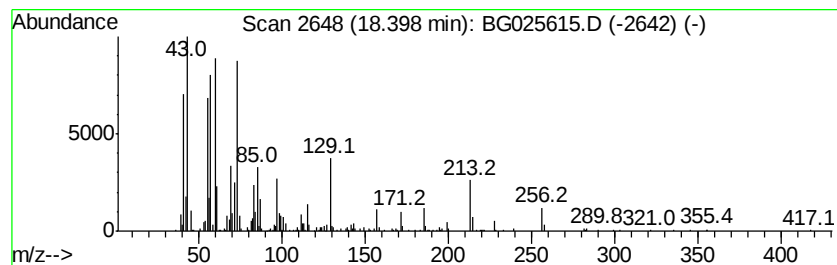
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.98 ng/ul	665902	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		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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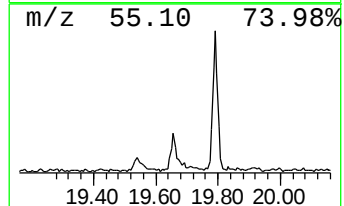
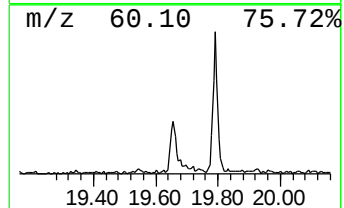
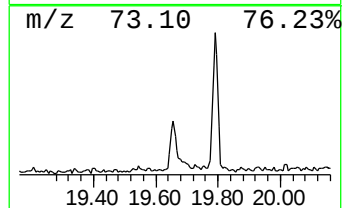
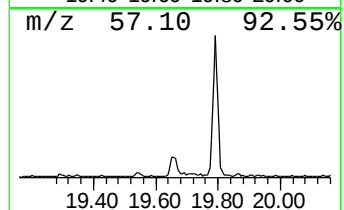
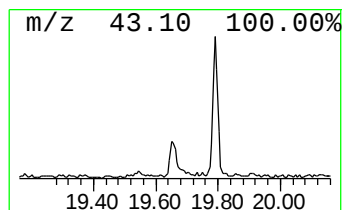
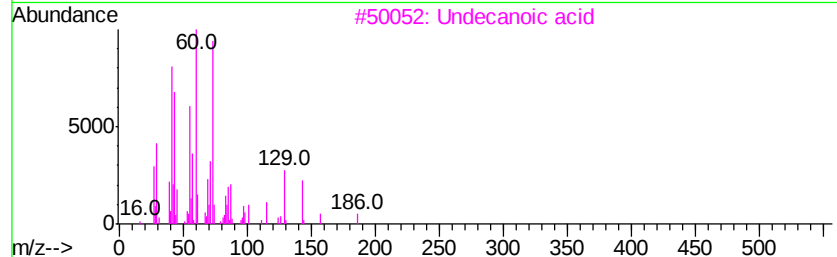
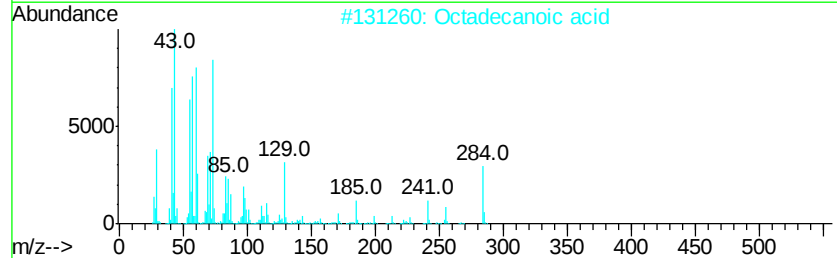
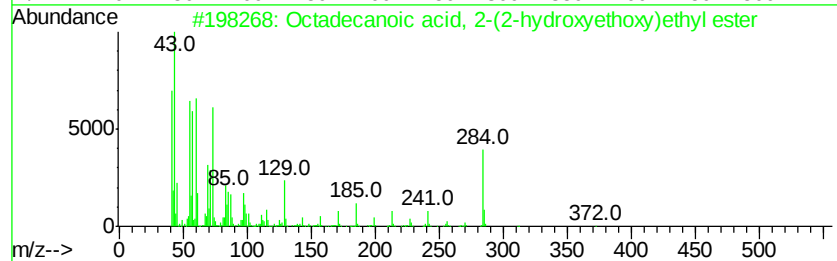
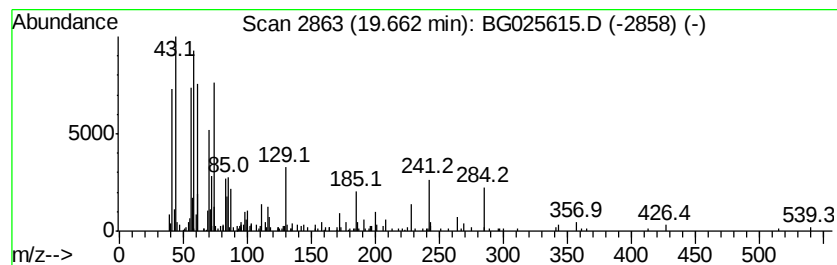
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Peak Number 3 Octadecanoic acid, 2-(2-hyd... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.84 ng/ul	316203	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
2		Octadecanoic acid	284	C18H36O2	000057-11-4	72
3		Undecanoic acid	186	C11H22O2	000112-37-8	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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Data File : BG025615.D
Acq On : 24 Jan 2017 19:51
Operator : UM/SJ
Sample : I1316-21
Misc :
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Instrument :
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ClientSampleId :
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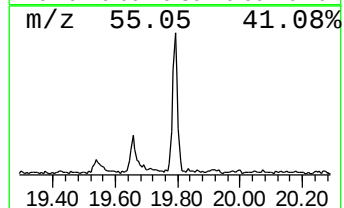
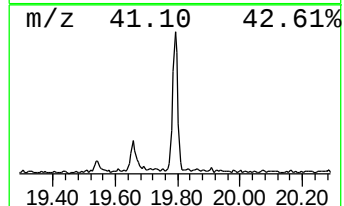
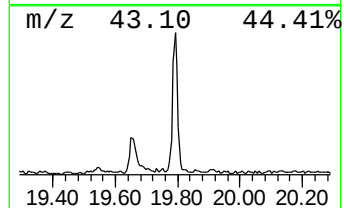
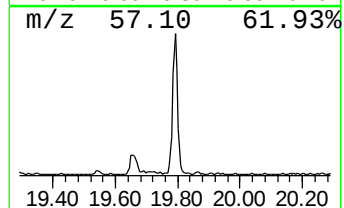
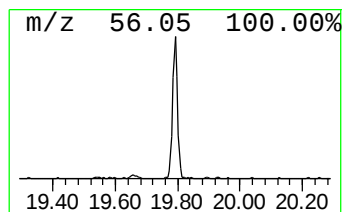
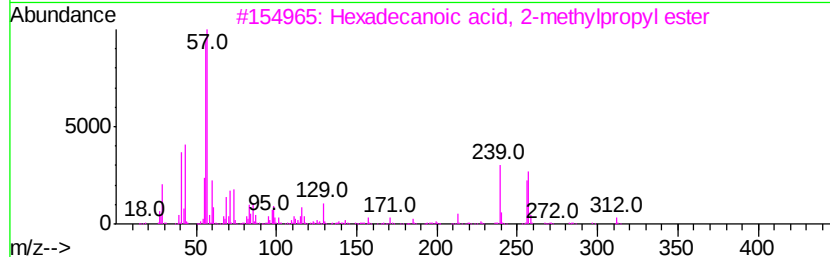
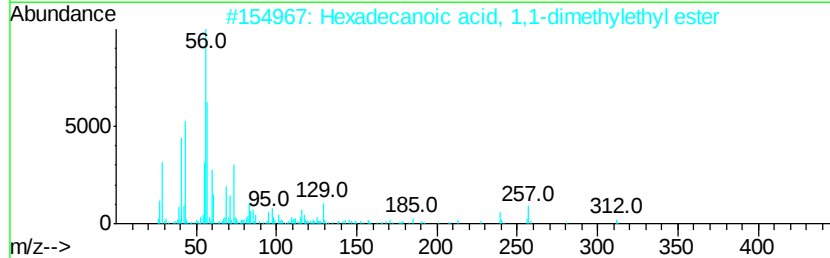
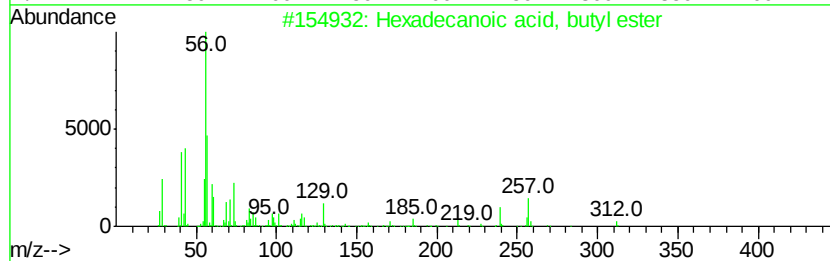
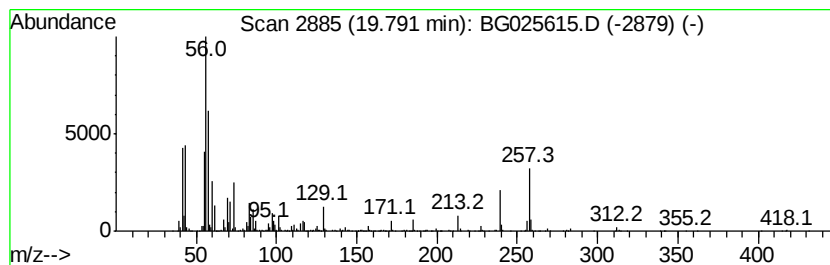
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	8.05 ng/ul	1194110	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	83
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
5		3,3-Diethyldiaziridine	100	C5H12N2	052175-94-7	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025615.D
Acq On : 24 Jan 2017 19:51
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Misc :
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ClientSampleId :
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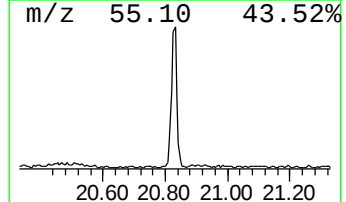
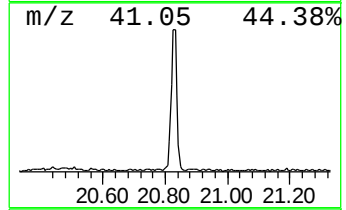
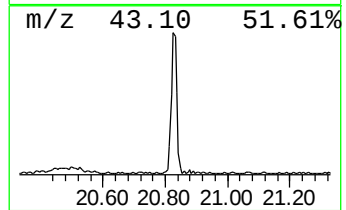
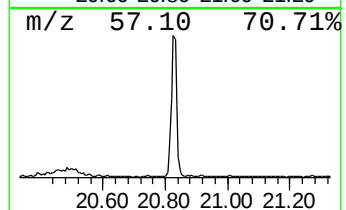
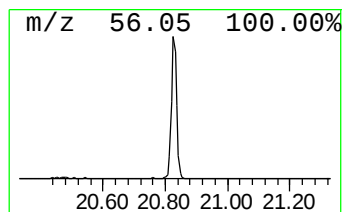
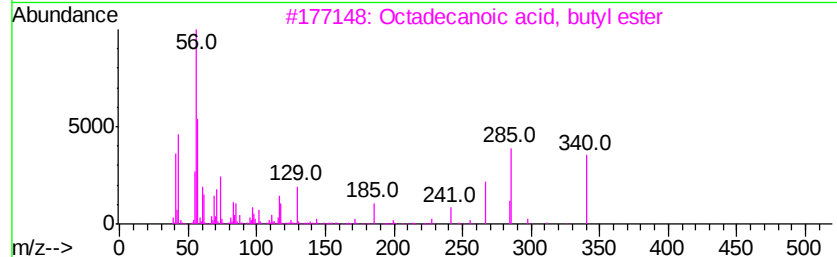
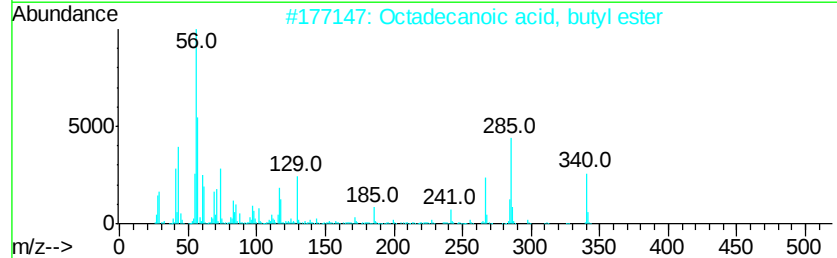
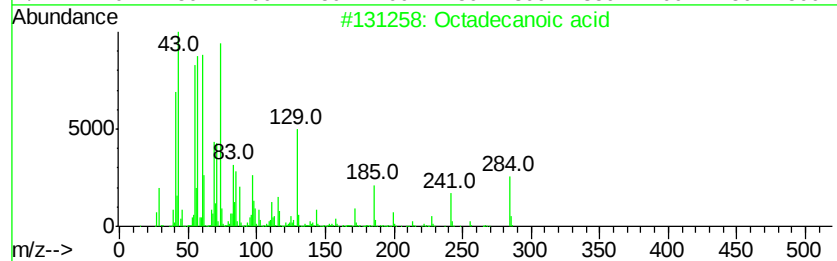
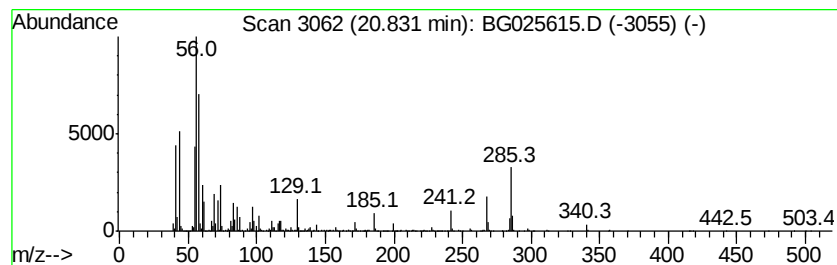
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	11.82 ng/ul	1752630	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
4		Butyl myristate	284	C18H36O2	000110-36-1	52
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025615.D
Acq On : 24 Jan 2017 19:51
Operator : UM/SJ
Sample : I1316-21
Misc :
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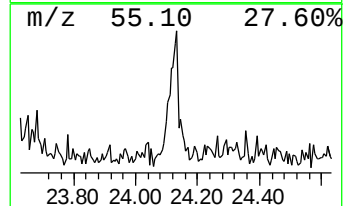
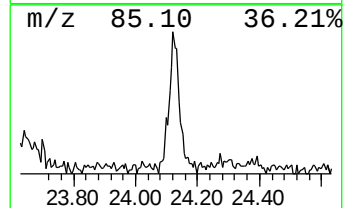
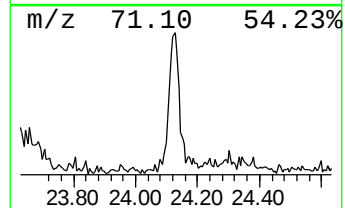
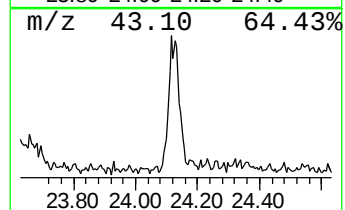
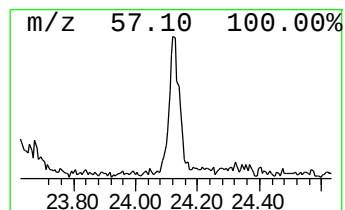
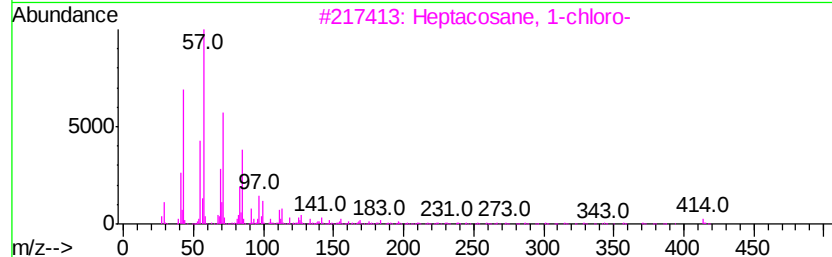
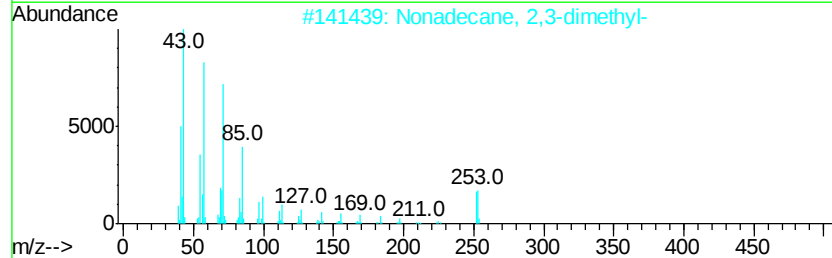
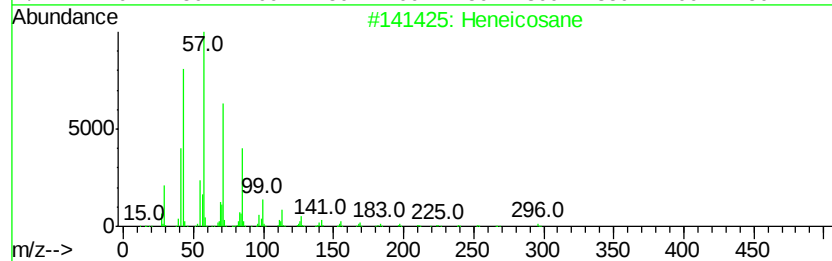
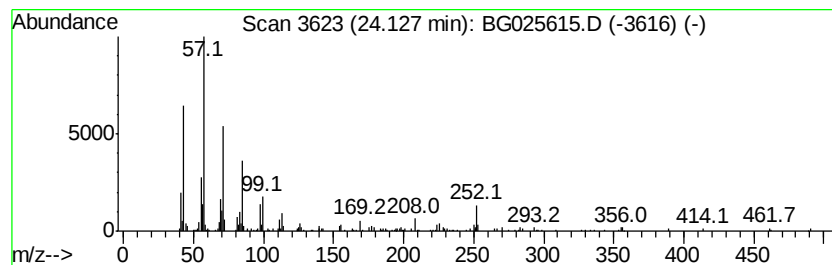
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.52 ng/ul	330004	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	76
2		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	74
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	70
4		Octacosane	394	C28H58	000630-02-4	68
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025615.D
Acq On : 24 Jan 2017 19:51
Operator : UM/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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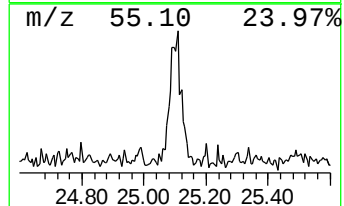
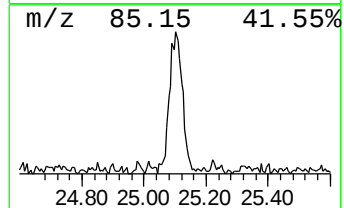
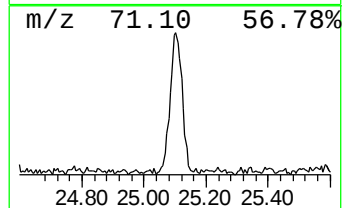
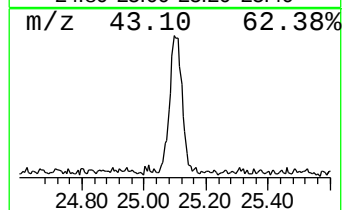
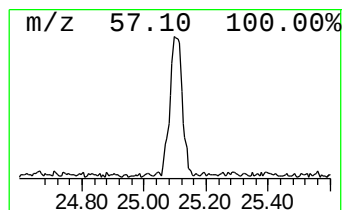
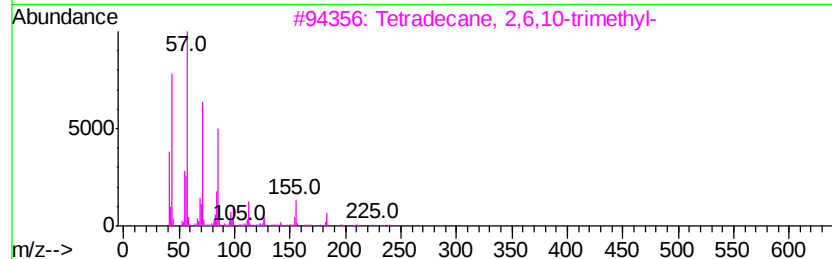
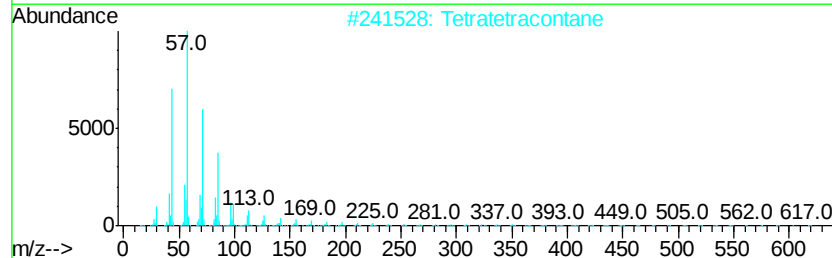
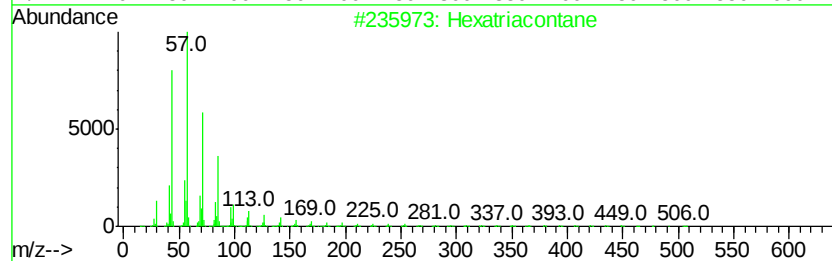
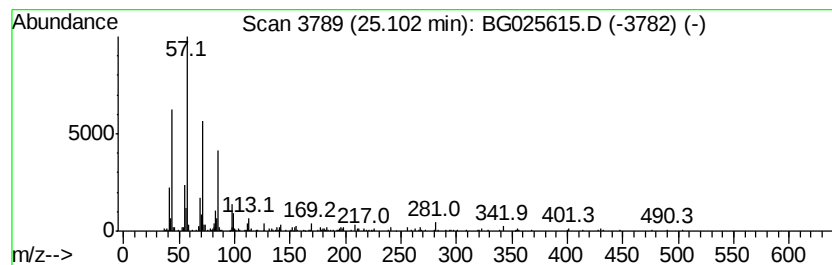
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	4.03 ng/ul	528065	Perylene-d12	25.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	83
2			Tetratetracontane	619	C44H90	007098-22-8	80
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	74
4			Heptacosane	380	C27H56	000593-49-7	72
5			Tetradecane	198	C14H30	000629-59-4	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025615.D
Acq On : 24 Jan 2017 19:51
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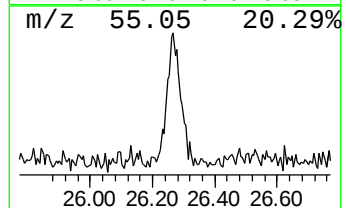
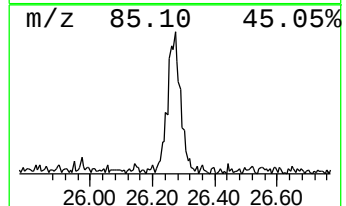
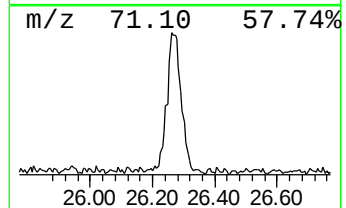
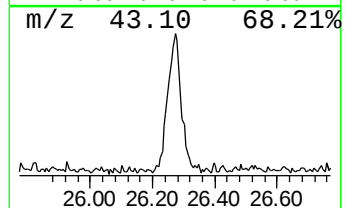
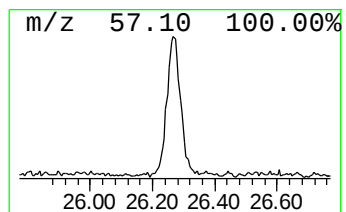
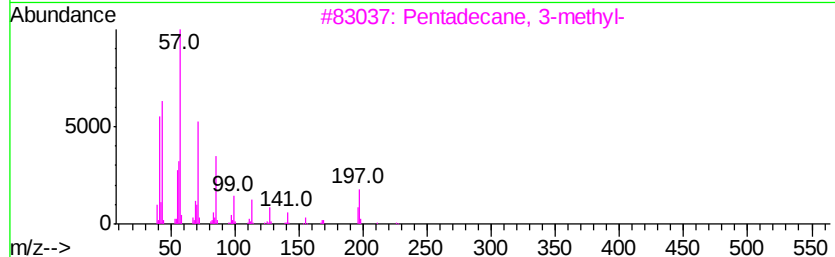
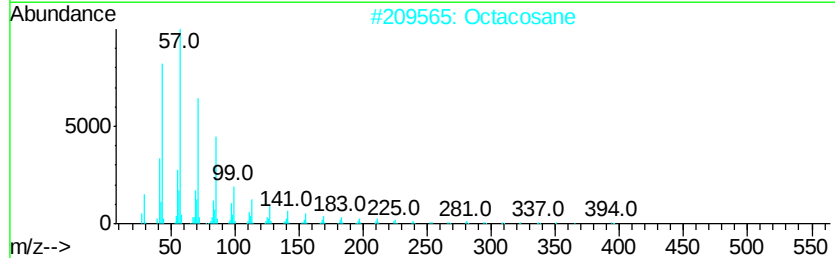
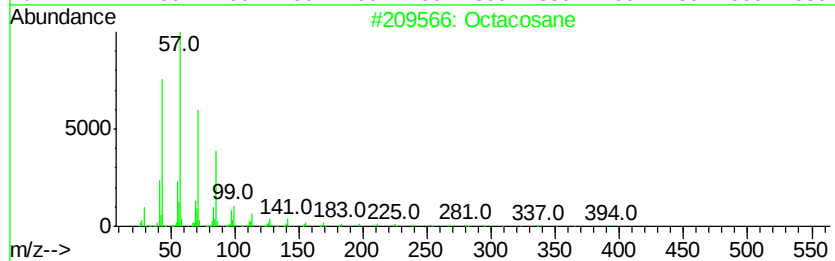
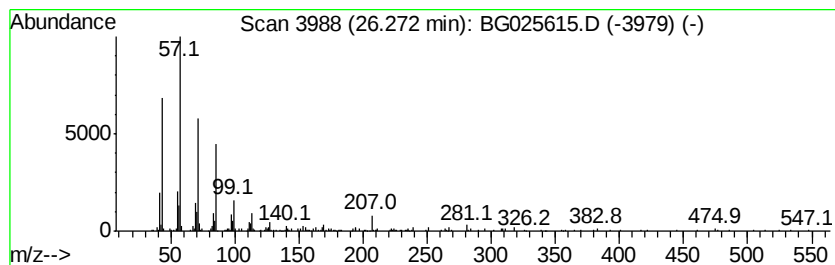
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	4.51 ng/ul	591836	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Octacosane	394	C28H58	000630-02-4	83
3		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	83
4		Octadecane	254	C18H38	000593-45-3	83
5		Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
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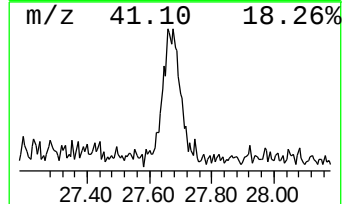
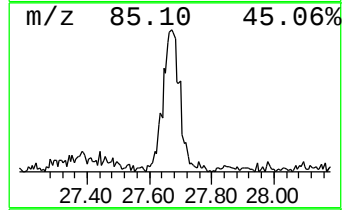
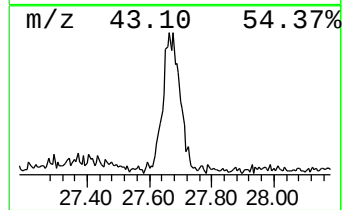
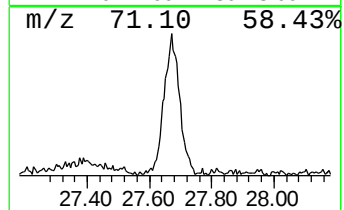
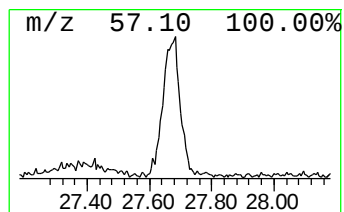
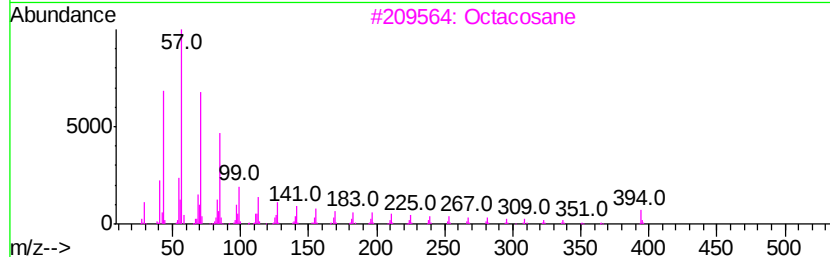
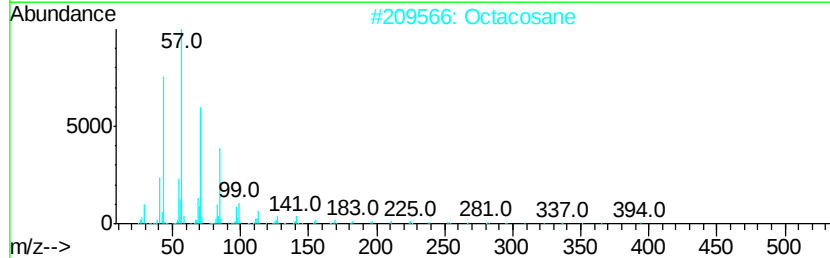
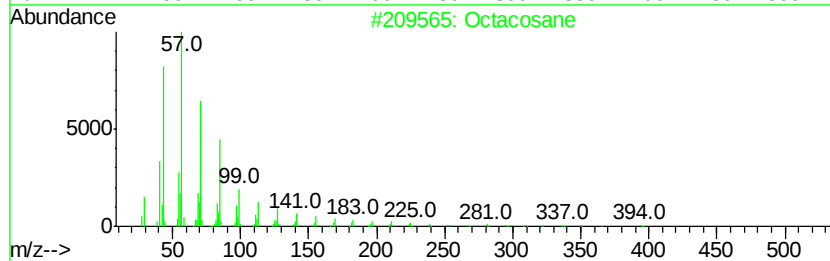
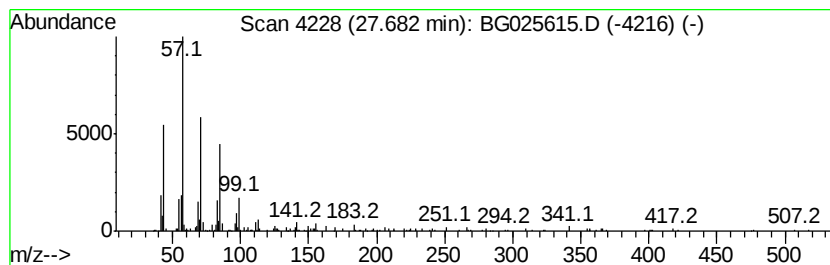
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	4.73 ng/ul	620703	Perylene-d12	25.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Octacosane	394	C28H58	000630-02-4	89
3			Octacosane	394	C28H58	000630-02-4	83
4			Heptadecane	240	C17H36	000629-78-7	80
5			Tetracontane	563	C40H82	004181-95-7	80



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Operator : UM/SJ
Sample : I1316-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

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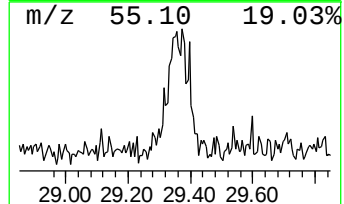
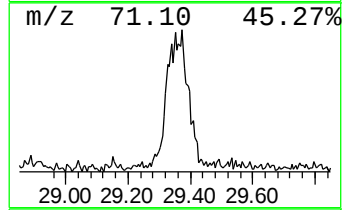
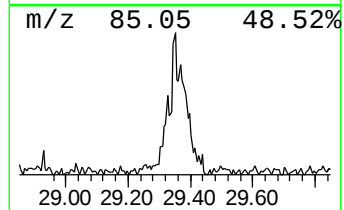
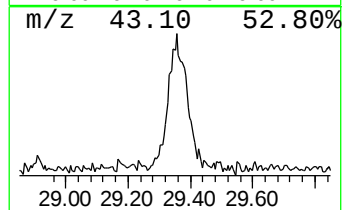
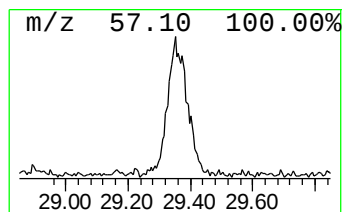
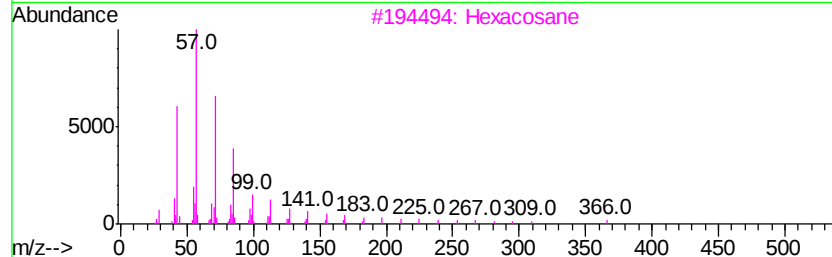
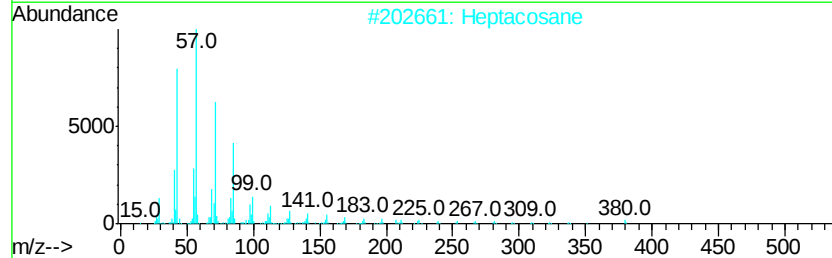
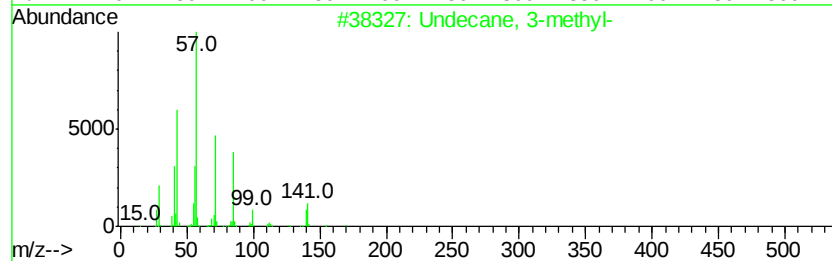
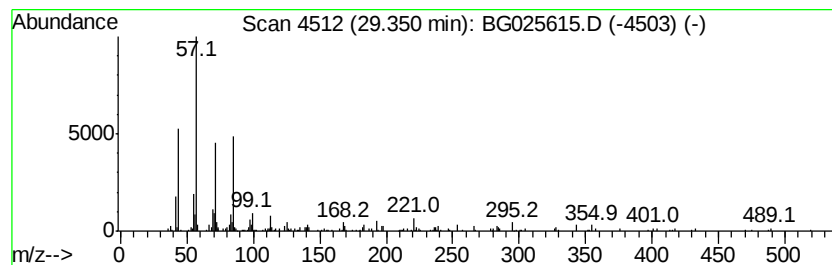
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.35	4.19 ng/ul	549959	Perylene-d12	25.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2			Heptacosane	380	C27H56	000593-49-7	49
3			Hexacosane	366	C26H54	000630-01-3	47
4			Tetracosane	338	C24H50	000646-31-1	46
5			Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025615.D
 Acq On : 24 Jan 2017 19:51
 Operator : UM/SJ
 Sample : I1316-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
unknown-01	3.07	4.0	ng/ul	125523	1	8.18	629568	20.0
n-Hexadecanoic acid	18.40	6.0	ng/ul	665902	4	17.55	2228370	20.0
Octadecanoic acid...	19.66	2.8	ng/ul	316203	4	17.55	2228370	20.0
Hexadecanoic acid...	19.79	8.1	ng/ul	1194110	5	21.85	2965930	20.0
Octadecanoic acid	20.83	11.8	ng/ul	1752630	5	21.85	2965930	20.0
(DEL) Alkane: Str...	24.13	2.5	ng/ul	330004	6	25.23	2623510	20.0
(DEL) Alkane: Str...	25.10	4.0	ng/ul	528065	6	25.23	2623510	20.0
(DEL) Alkane: Str...	26.27	4.5	ng/ul	591836	6	25.23	2623510	20.0
(DEL) Alkane: Str...	27.68	4.7	ng/ul	620703	6	25.23	2623510	20.0
(DEL) Alkane: Str...	29.35	4.2	ng/ul	549959	6	25.23	2623510	20.0