

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
 Data File : BG018681.D
 Acq On : 15 Sep 2015 13:59
 Operator : UM/IZ
 Sample : G3641-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AL9

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-BG091015.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	2.881	4	7	18	rVB	54410	78985	0.43%	0.127%
2	3.104	40	45	52	rBV	90592	153013	0.84%	0.246%
3	3.175	52	57	72	rVB	1256439	1744659	9.55%	2.810%
4	3.475	103	108	112	rBV	69874	96622	0.53%	0.156%
5	3.522	112	116	120	rVB	24407	35783	0.20%	0.058%
6	4.103	211	215	221	rVB3	13772	20685	0.11%	0.033%
7	5.143	386	392	397	rVB5	16328	29867	0.16%	0.048%
8	5.437	435	442	448	rBV	191278	294735	1.61%	0.475%
9	5.936	520	527	535	rVV	794488	1327496	7.27%	2.138%
10	6.030	539	543	549	rVB5	11147	18627	0.10%	0.030%
11	6.289	579	587	594	rVB5	18522	44394	0.24%	0.071%
12	6.524	624	627	633	rVB	25648	36714	0.20%	0.059%
13	7.170	729	737	745	rBV4	72489	158251	0.87%	0.255%
14	7.323	757	763	771	rBV	229539	391097	2.14%	0.630%
15	7.429	771	781	787	rBV	3264054	5596131	30.64%	9.012%
16	7.540	794	800	812	rVB	241629	440829	2.41%	0.710%
17	7.999	873	878	885	rVB	248032	442323	2.42%	0.712%
18	8.433	943	952	957	rBV	3661707	6149689	33.67%	9.904%
19	8.475	957	959	966	rVB	146480	200626	1.10%	0.323%
20	8.621	978	984	992	rVV	1633686	2763486	15.13%	4.450%
21	8.704	992	998	1011	rVB2	222557	430270	2.36%	0.693%
22	9.156	1069	1075	1085	rVB	264440	475769	2.60%	0.766%
23	9.374	1108	1112	1117	rBV5	11814	19863	0.11%	0.032%
24	9.456	1122	1126	1133	rVB2	17733	29494	0.16%	0.047%
25	9.726	1165	1172	1179	rBV4	14345	29635	0.16%	0.048%
26	9.885	1191	1199	1208	rBV	230679	403473	2.21%	0.650%
27	10.425	1283	1291	1305	rBV	402948	706554	3.87%	1.138%
28	10.607	1318	1322	1328	rVB4	14377	29133	0.16%	0.047%
29	10.807	1346	1356	1369	rBV	384424	695468	3.81%	1.120%
30	11.124	1402	1410	1421	rVB	401826	735443	4.03%	1.184%
31	11.612	1488	1493	1499	rVB4	10318	22013	0.12%	0.035%
32	11.847	1528	1533	1539	rVV6	15721	27619	0.15%	0.044%
33	11.959	1539	1552	1557	rVV	7696149	18266364	100.00%	29.417%
34	12.023	1557	1563	1571	rVB4	34963	74474	0.41%	0.120%

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35	12.182	1582	1590	1599	rVB2	53284	87975	0.48%	0.142%
36	12.881	1702	1709	1718	rBV	540644	790813	4.33%	1.274%
37	13.198	1758	1763	1768	rBV2	22109	37448	0.21%	0.060%
38	13.945	1884	1890	1894	rBV	87563	154993	0.85%	0.250%
39	13.992	1894	1898	1900	rVV	57565	85263	0.47%	0.137%
40	14.033	1900	1905	1912	rVB	736897	1064889	5.83%	1.715%
41	14.321	1947	1954	1962	rBV	883095	1381783	7.56%	2.225%
42	14.520	1985	1988	1994	rVB5	14750	19369	0.11%	0.031%
43	14.632	1996	2007	2017	rVB2	671000	1204565	6.59%	1.940%
44	14.773	2022	2031	2034	rVV7	10530	19153	0.10%	0.031%
45	14.820	2034	2039	2051	rVV2	58670	116755	0.64%	0.188%
46	15.102	2081	2087	2095	rVV	202371	263165	1.44%	0.424%
47	15.502	2150	2155	2162	rBV4	12348	24553	0.13%	0.040%
48	15.619	2168	2175	2183	rBV	1241834	1854461	10.15%	2.986%
49	15.731	2187	2194	2204	rBV	304812	451334	2.47%	0.727%
50	15.854	2211	2215	2220	rVB4	17069	29269	0.16%	0.047%
51	16.019	2239	2243	2249	rVB5	19273	28515	0.16%	0.046%
52	16.124	2256	2261	2265	rBV2	12558	19062	0.10%	0.031%
53	16.201	2267	2274	2278	rBV2	27813	45768	0.25%	0.074%
54	16.265	2281	2285	2289	rVB4	14271	20449	0.11%	0.033%
55	16.924	2389	2397	2403	rBV2	154870	232585	1.27%	0.375%
56	17.047	2413	2418	2425	rBV2	42411	66048	0.36%	0.106%
57	17.370	2466	2473	2479	rBV2	909968	1370339	7.50%	2.207%
58	17.429	2479	2483	2485	rVV2	39671	57052	0.31%	0.092%
59	17.470	2485	2490	2498	rVB2	1426015	2051767	11.23%	3.304%
60	18.251	2619	2623	2630	rBV3	30164	54307	0.30%	0.087%
61	19.303	2797	2802	2811	rVB	82604	110292	0.60%	0.178%
62	19.526	2836	2840	2845	rBV8	16827	32429	0.18%	0.052%
63	19.644	2856	2860	2866	rVB3	22679	36841	0.20%	0.059%
64	19.755	2872	2879	2890	rVB	1602588	2309791	12.65%	3.720%
65	20.425	2989	2993	2997	rBV3	36013	46647	0.26%	0.075%
66	21.630	3191	3198	3209	rBV	1000893	1604642	8.78%	2.584%
67	21.941	3245	3251	3256	rBV	331734	505909	2.77%	0.815%
68	23.710	3546	3552	3557	rBV9	11258	24135	0.13%	0.039%
69	24.603	3690	3704	3718	rBV	847863	2363215	12.94%	3.806%
70	24.820	3730	3741	3752	rVB2	549717	1559949	8.54%	2.512%

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Title : SVOA CALIBRATION

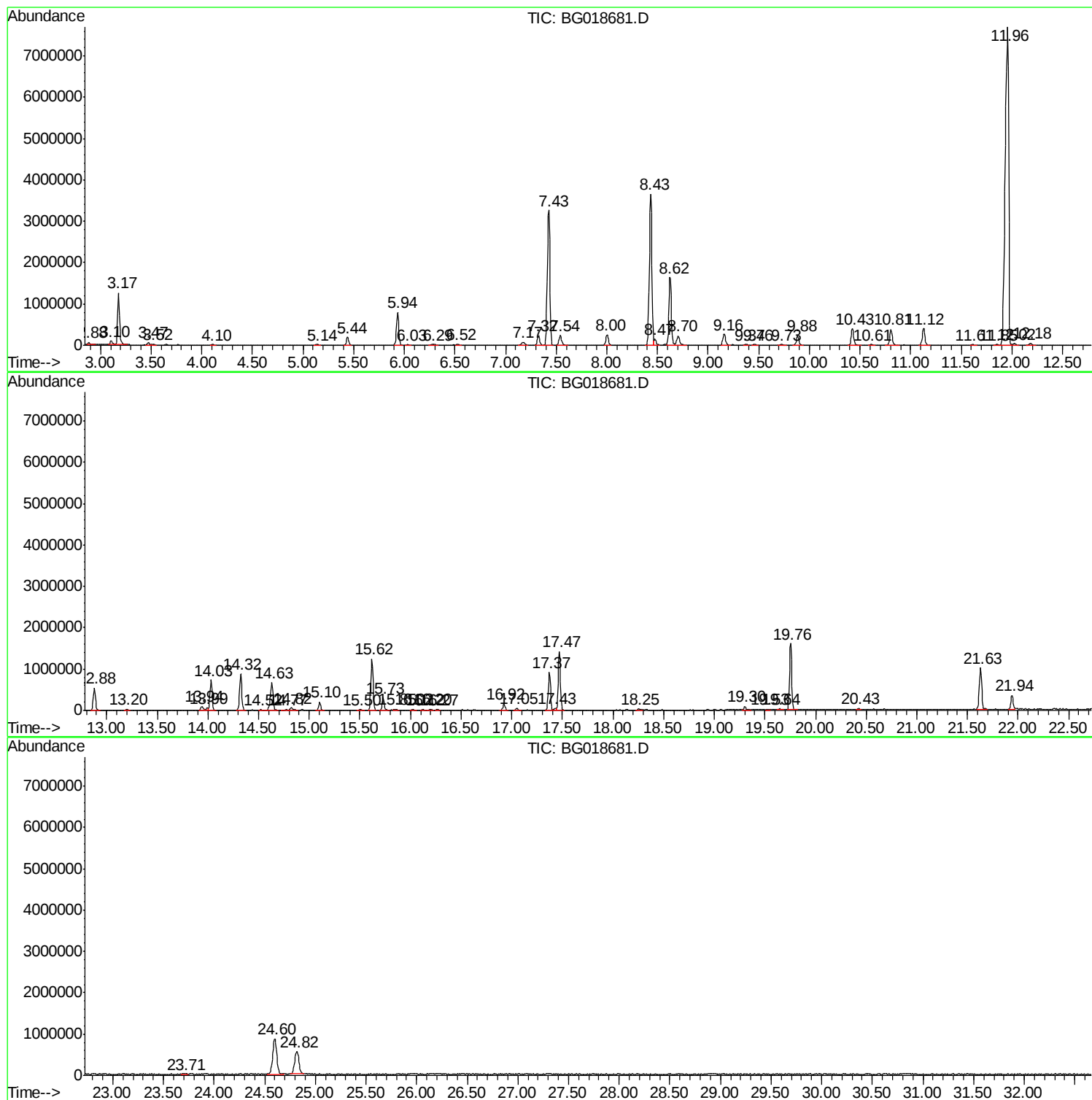
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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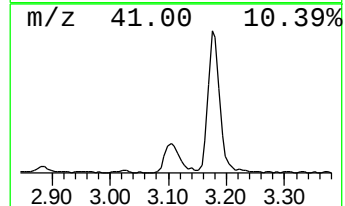
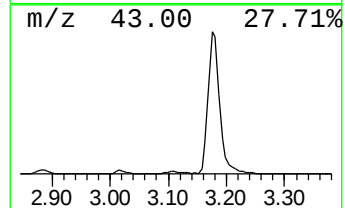
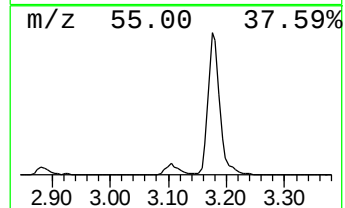
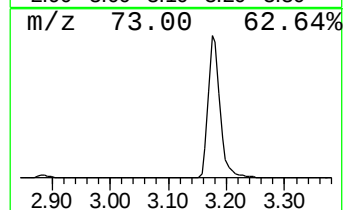
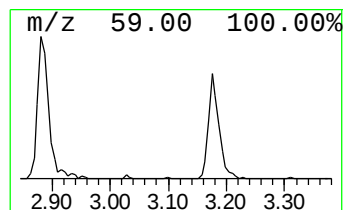
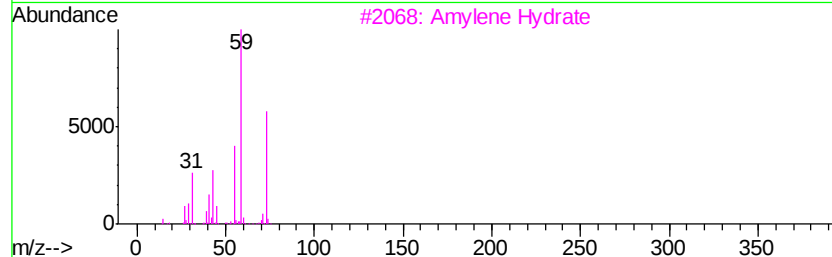
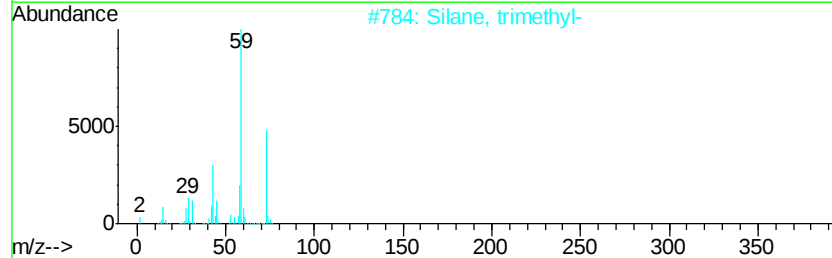
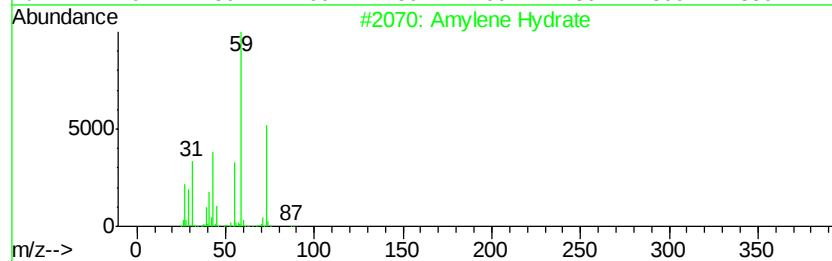
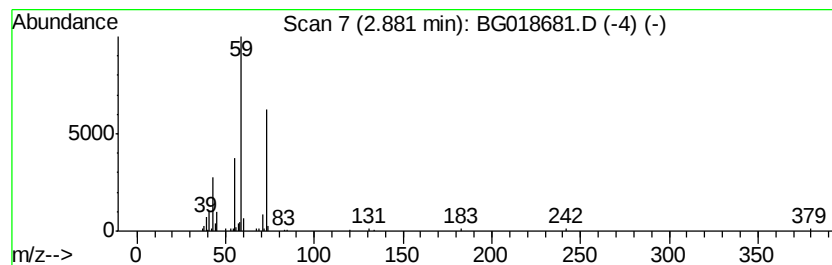
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Amylene Hydrate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	3.57 ng/ul	78985	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Amylene Hydrate	88	C5H12O	000075-85-4	78
2		Silane, trimethyl-	74	C3H10Si	000993-07-7	78
3		Amylene Hydrate	88	C5H12O	000075-85-4	72
4		1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	56
5		3-Hexanol	102	C6H14O	000623-37-0	40



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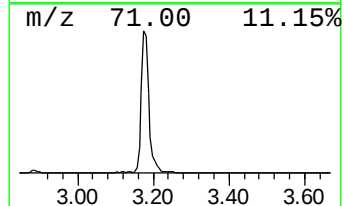
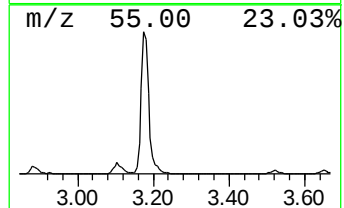
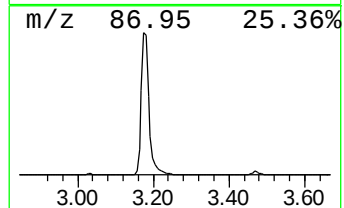
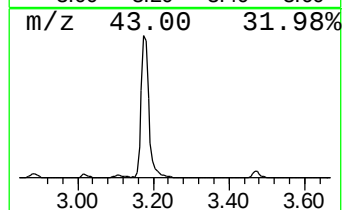
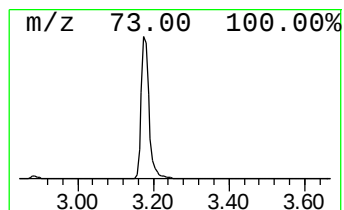
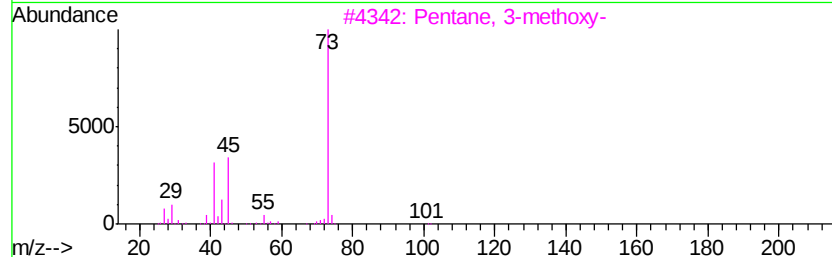
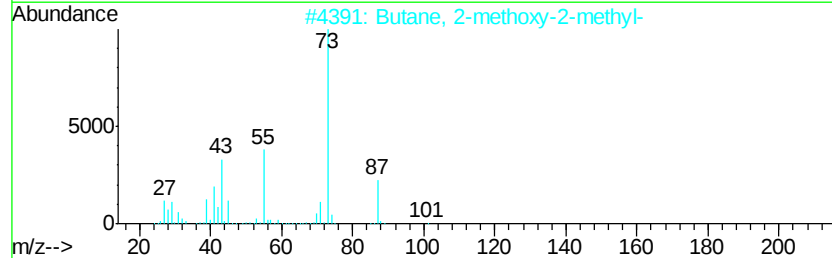
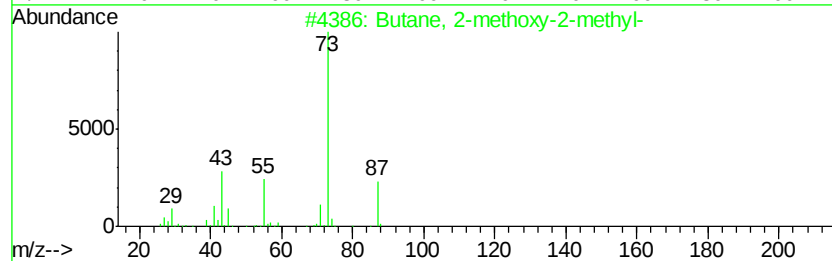
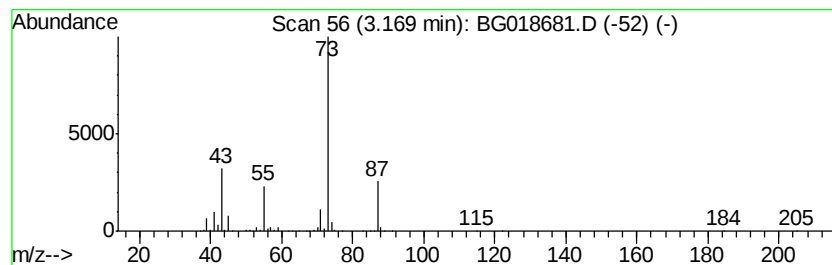
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	78.89 ng/ul	1744660	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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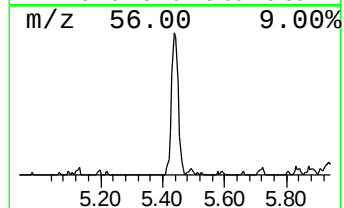
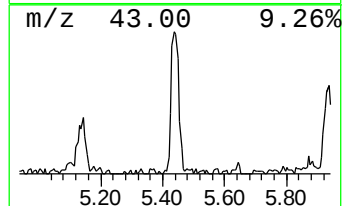
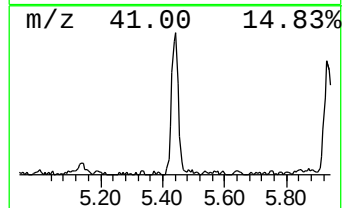
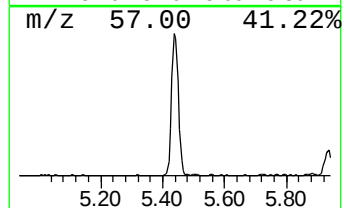
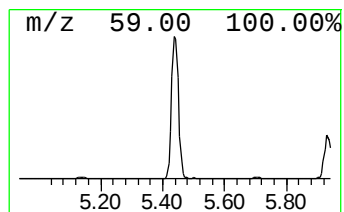
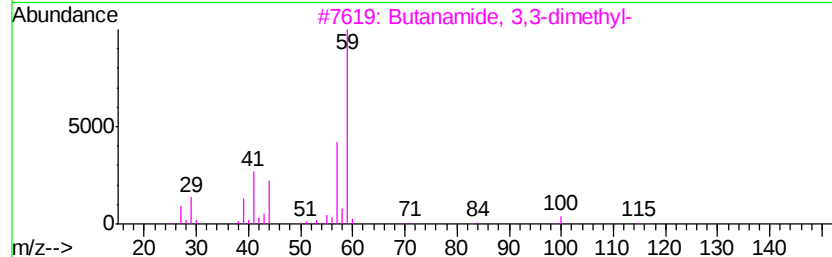
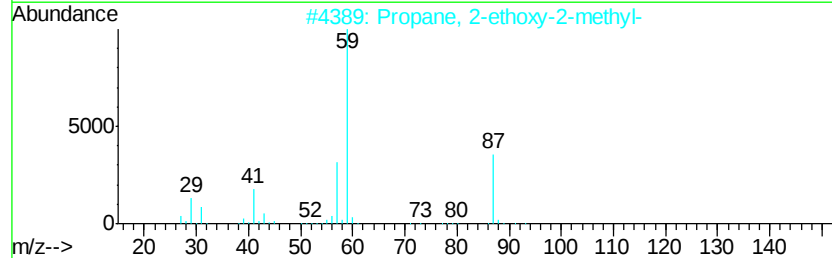
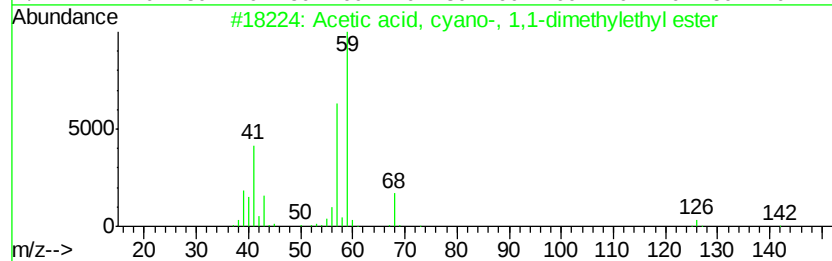
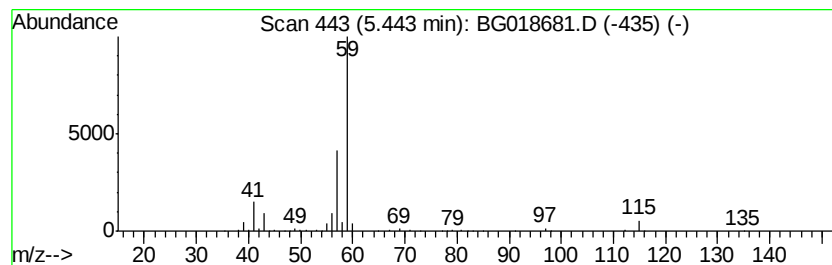
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Acetic acid, cyano-, 1,1-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	13.33 ng/ul	294735	1,4-Dichlorobenzene-d4	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64	
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	40	
3	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	39	
4	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	39	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38	



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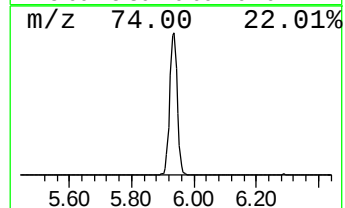
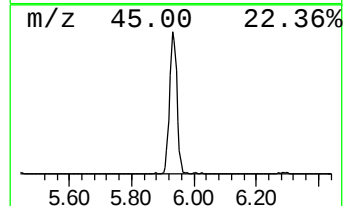
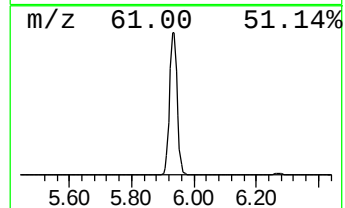
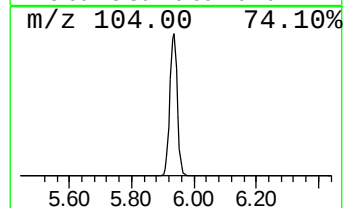
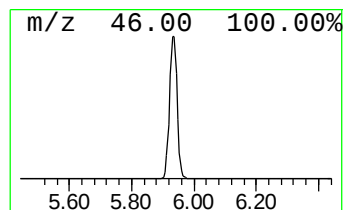
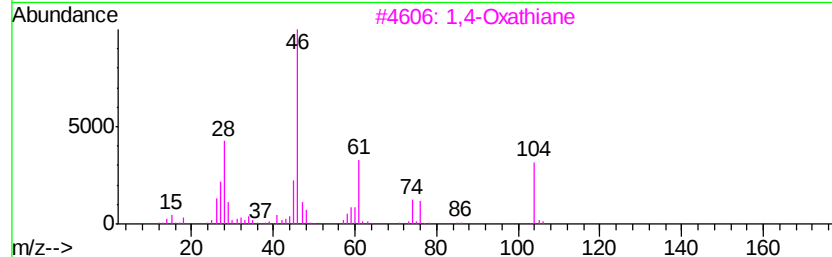
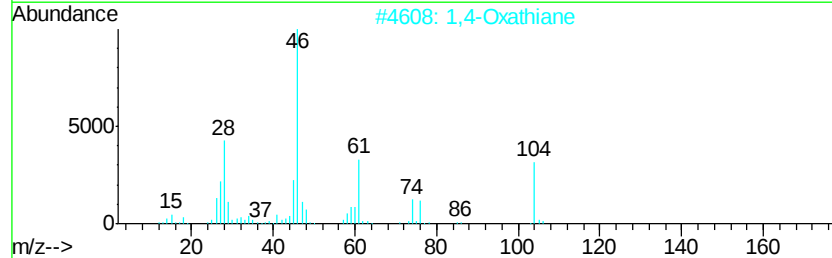
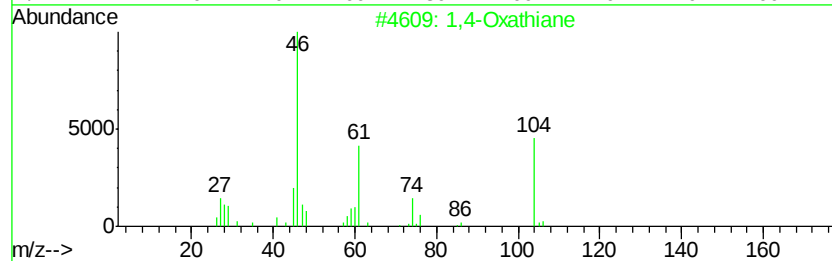
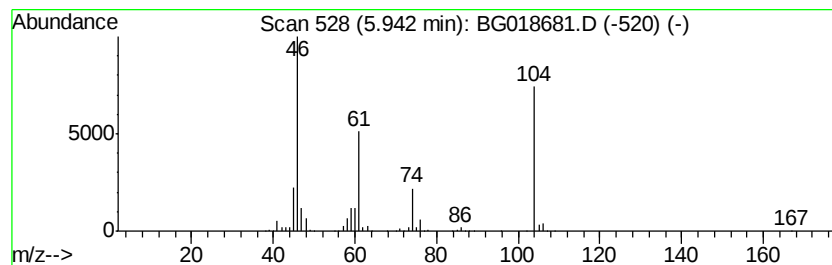
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,4-Oxathiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	60.02 ng/ul	1327500	1,4-Dichlorobenzene-d4	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Oxathiane		104	C4H8OS	015980-15-1	94
2	1,4-Oxathiane		104	C4H8OS	015980-15-1	91
3	1,4-Oxathiane		104	C4H8OS	015980-15-1	91
4	Methanamine, N-methoxy-		61	C2H7NO	001117-97-1	50
5	Thietane		74	C3H6S	000287-27-4	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
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Instrument :
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ClientSampleId :
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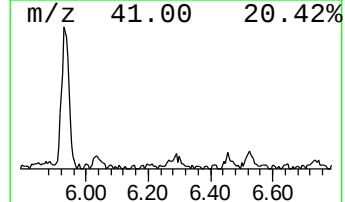
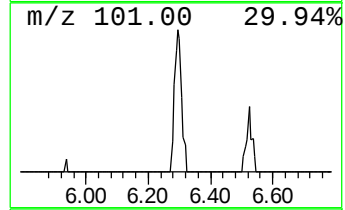
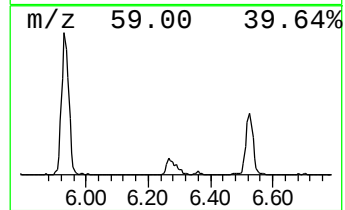
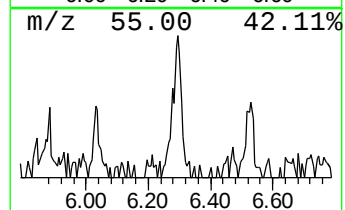
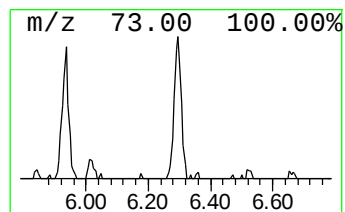
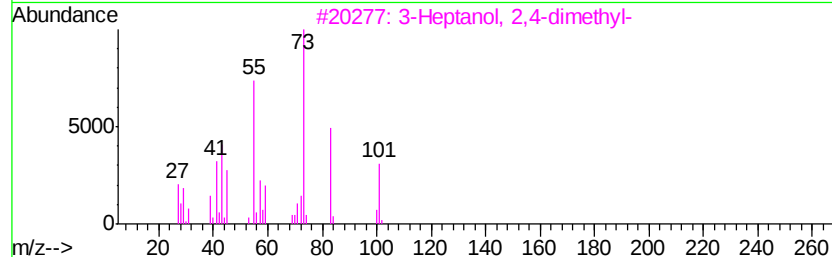
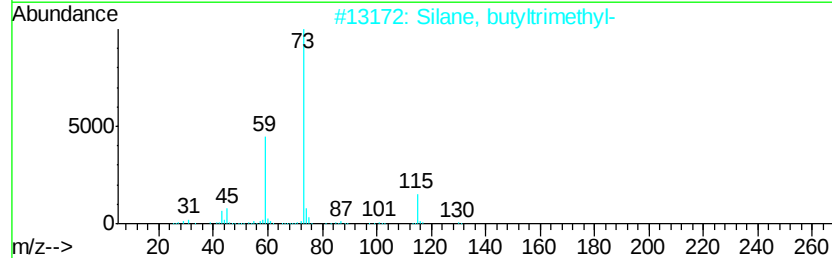
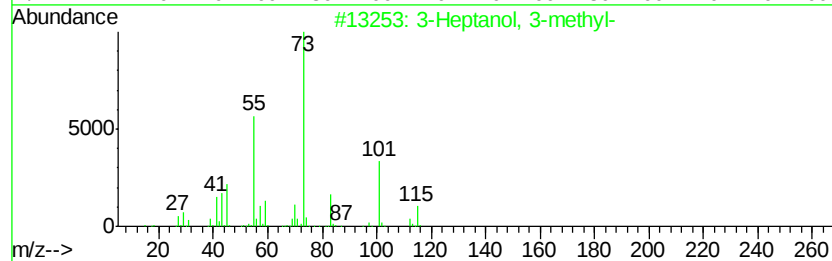
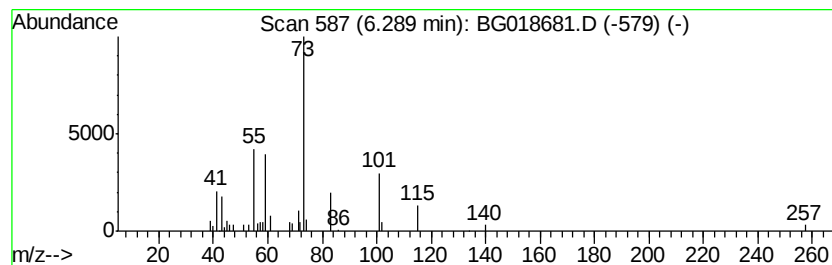
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	2.01 ng/ul	44394	1,4-Dichlorobenzene-d4	8.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	38
2			Silane, butyltrimethyl-	130	C7H18Si	001000-49-3	23
3			3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	17
4			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	9
5			3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
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ClientSampleId :
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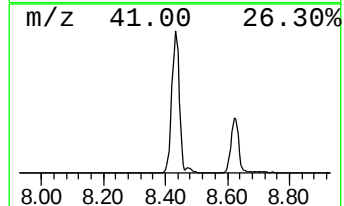
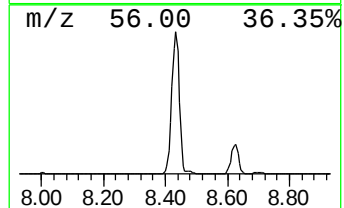
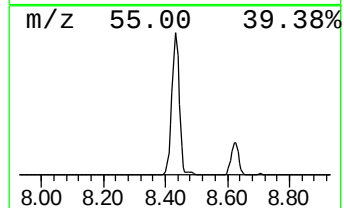
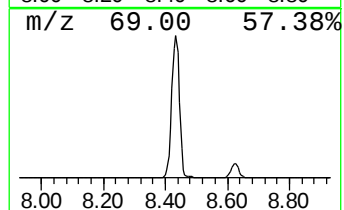
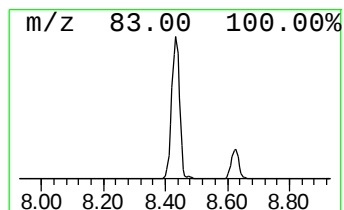
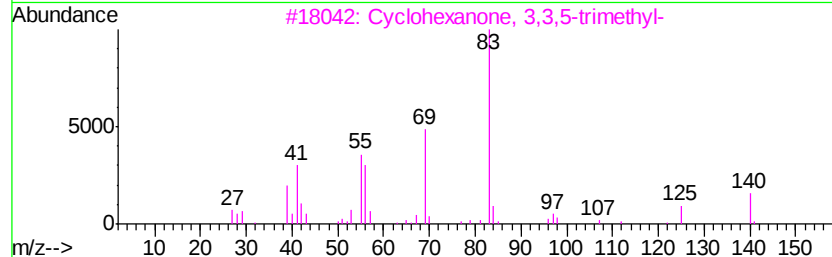
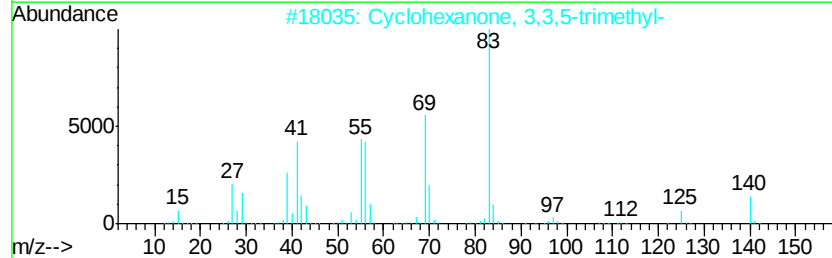
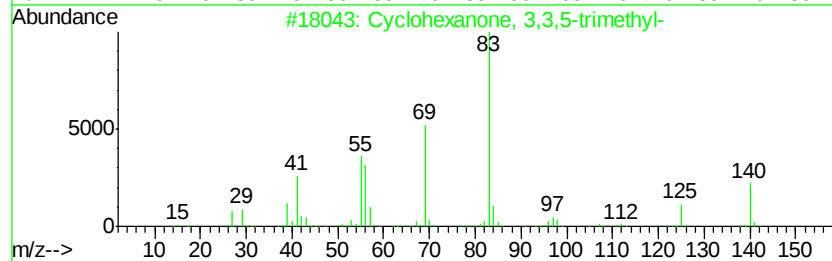
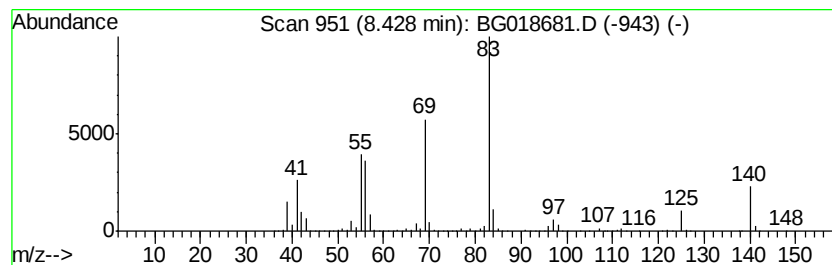
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	278.06 ng/ul	6149690	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
3		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	81
4		Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	53
5		1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
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Operator : UM/IZ
Sample : G3641-01
Misc :
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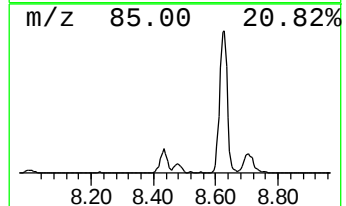
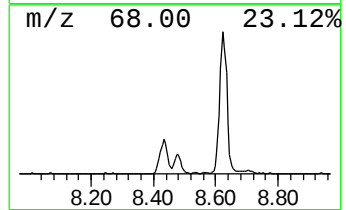
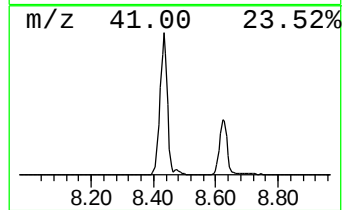
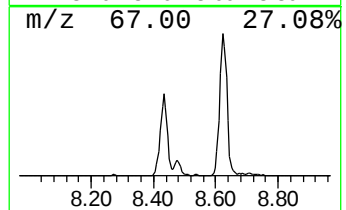
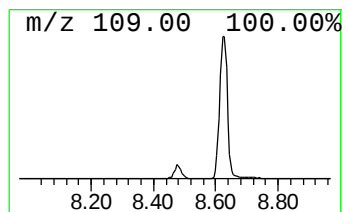
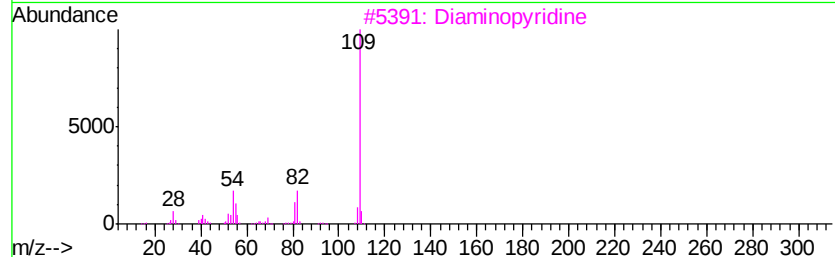
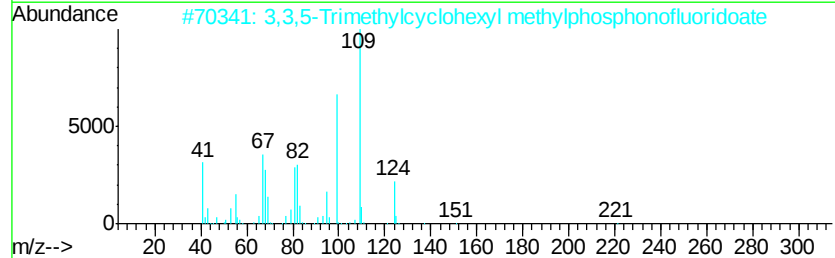
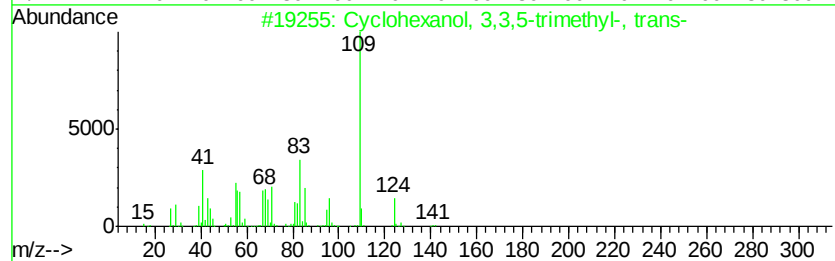
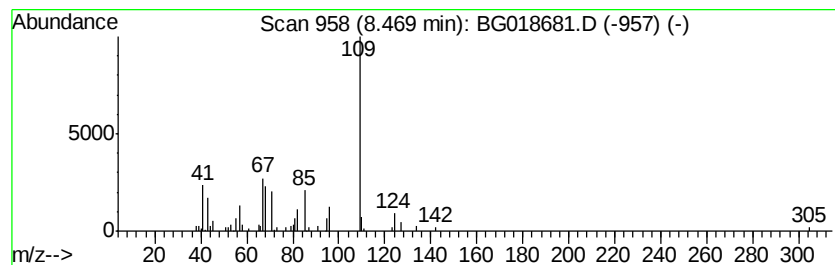
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.47	9.07 ng/ul	200626	1,4-Dichlorobenzene-d4	8.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	50
2		3,3,5-Trimethylcyclohexyl methyl...	222	C10H20F02P	1000298-38-1	45
3		Diaminopyridine	109	C5H7N3	004318-76-7	43
4		2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	42
5		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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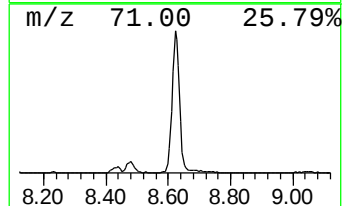
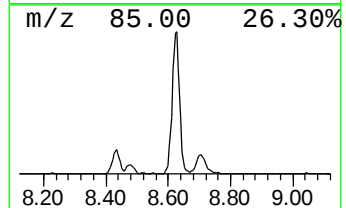
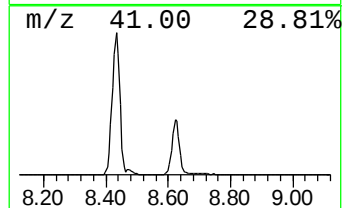
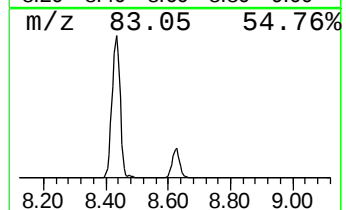
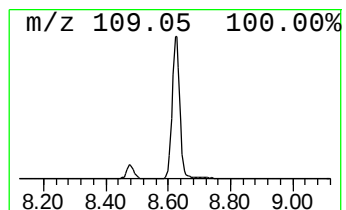
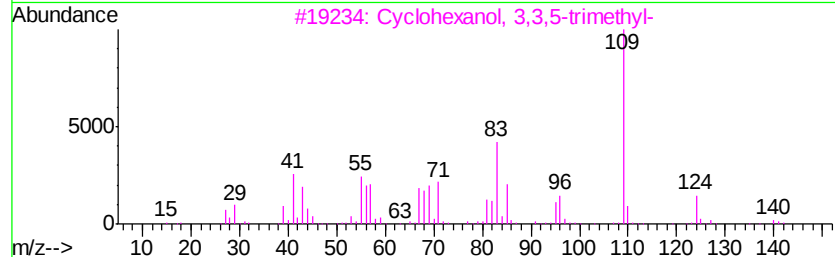
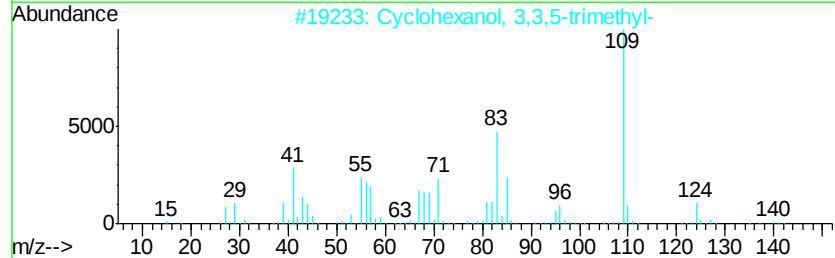
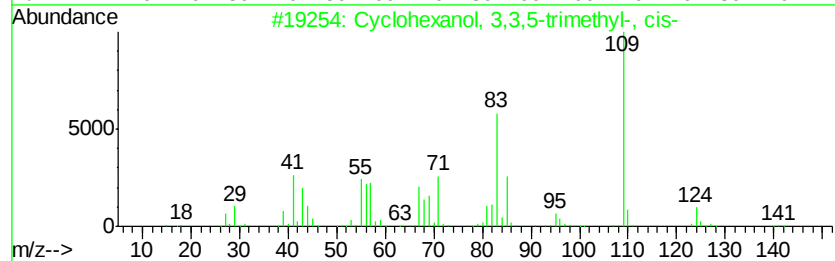
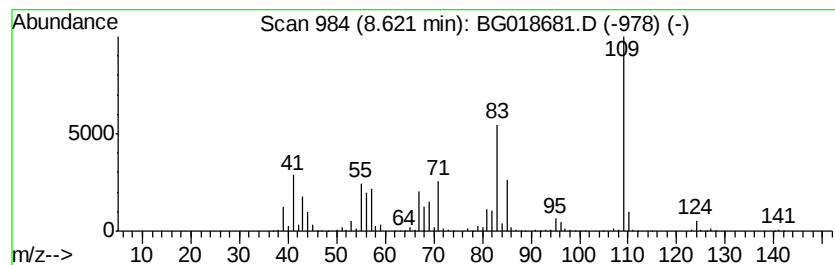
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	124.95 ng/ul	2763490	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	91
2		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	81
3		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	78
4		Trivinyl(chloromethyl)silane	158	C7H11ClSi	025202-05-5	38
5		2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
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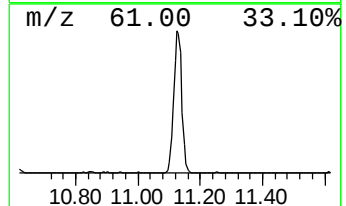
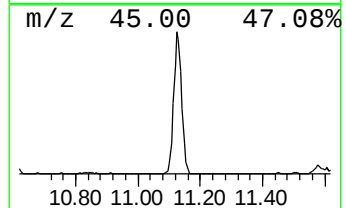
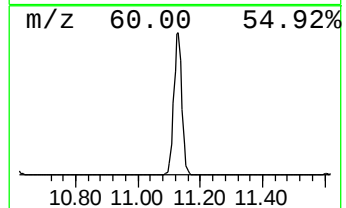
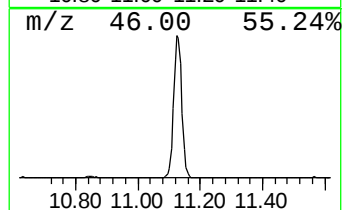
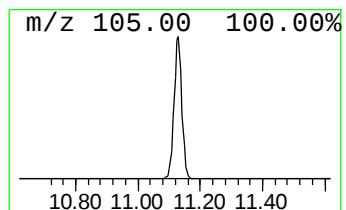
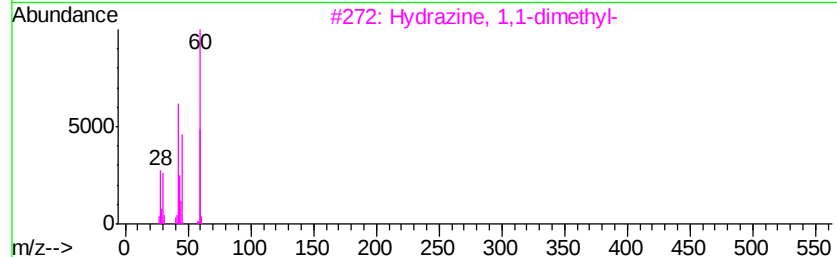
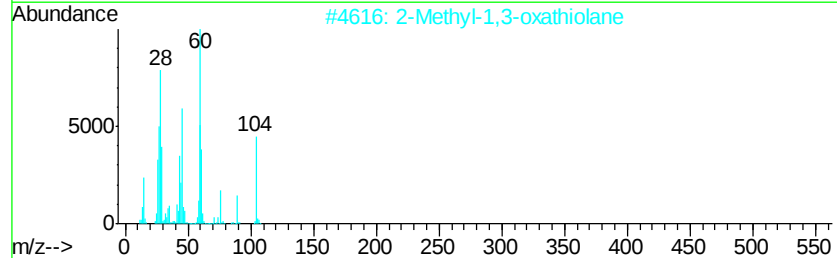
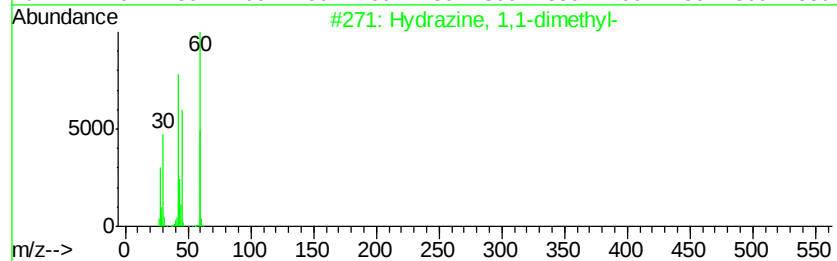
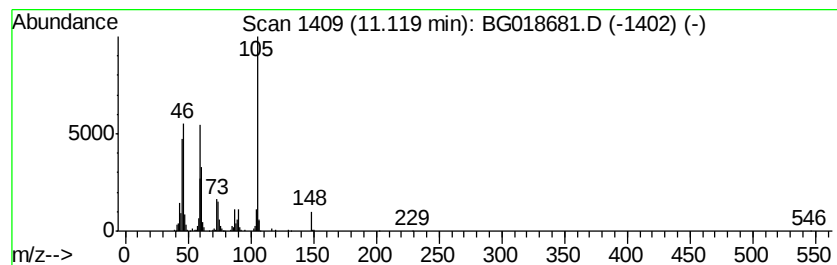
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	21.15 ng/ul	735443	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	35
2		2-Methyl-1,3-oxathiolane	104	C4H8OS	017642-74-9	35
3		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	35
4		Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	25
5		1,2,4-Thiadiazole, 5-amino-3-(me...	147	C3H5N3S2	006913-13-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
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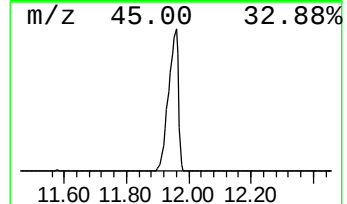
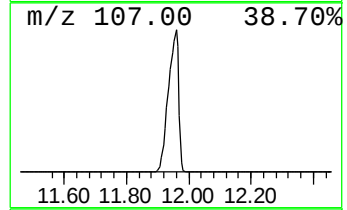
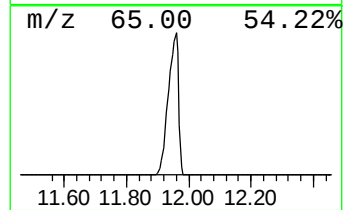
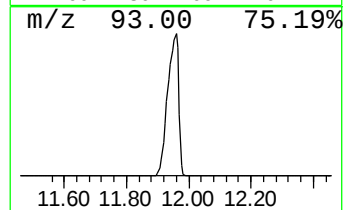
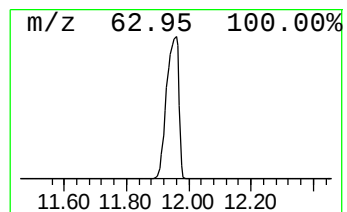
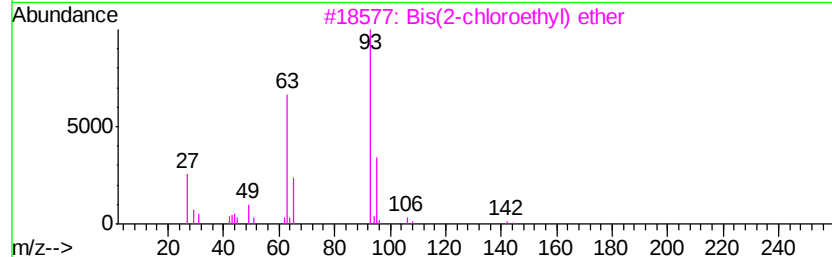
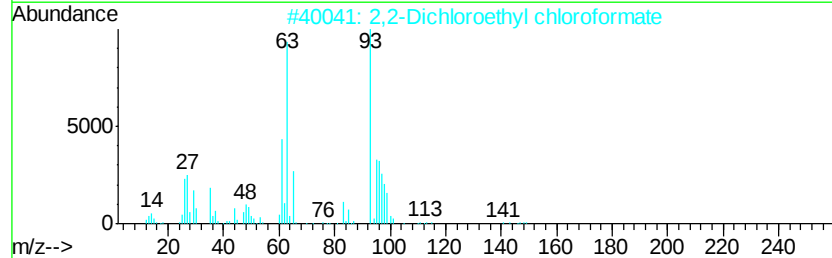
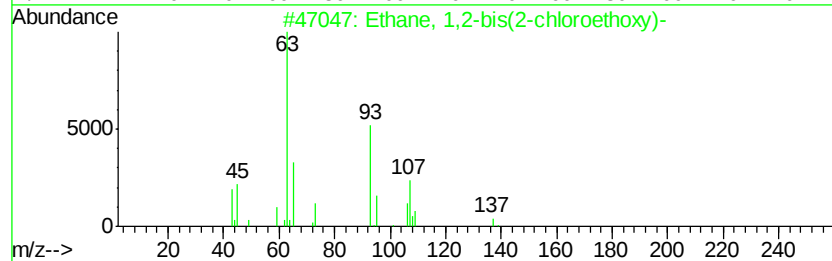
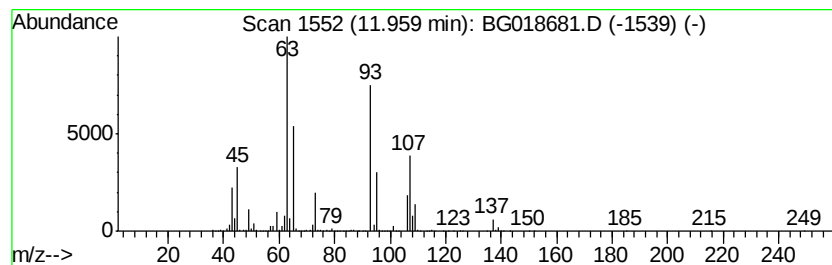
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Ethane, 1,2-bis(2-chloroeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	525.30 ng/ul	18266400	Naphthalene-d8	10.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	59
2		2,2-Dichloroethyl chloroformate	176	C3H3Cl3O2	1000136-22-8	50
3		Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	50
4		Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	50
5		Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
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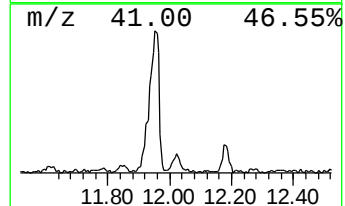
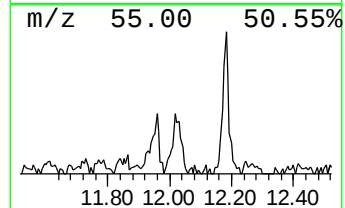
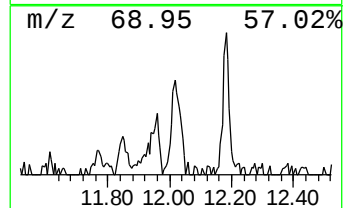
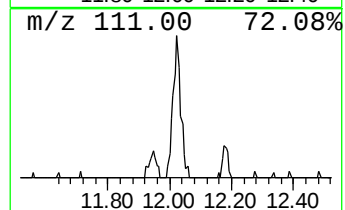
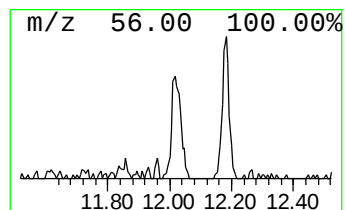
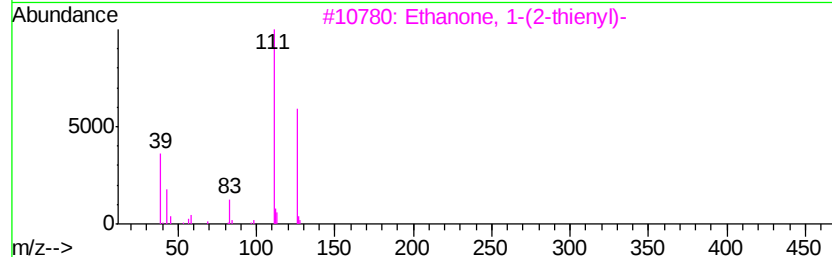
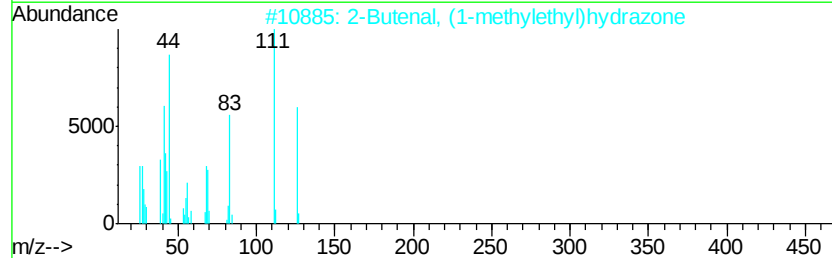
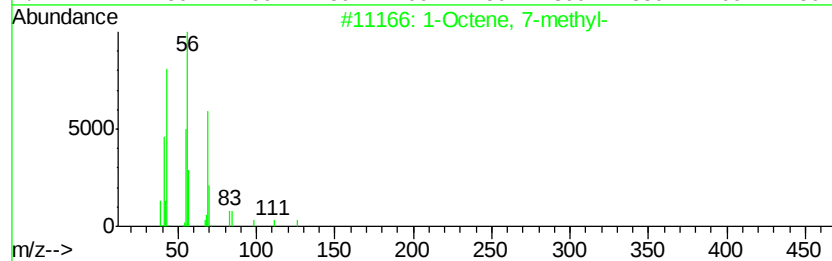
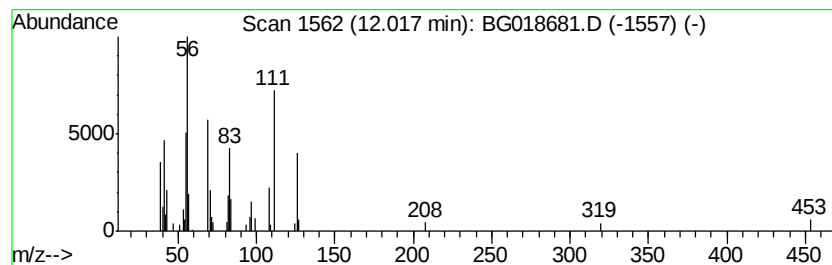
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.14 ng/ul	74474	Napthalene-d8	10.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octene, 7-methyl-	126 C9H18	013151-06-9	46
2	2-Butenal, (1-methylethyl)hydrazone	126 C7H14N2	018631-71-5	43
3	Ethanone, 1-(2-thienyl)-	126 C6H6OS	000088-15-3	38
4	.delta.2-Tetrazaboroline, 1,4-di...	126 C4H11BN4	019258-82-3	35
5	2-Cyclopenten-1-one, 3-methoxy-5...	126 C7H10O2	007180-60-1	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AL9

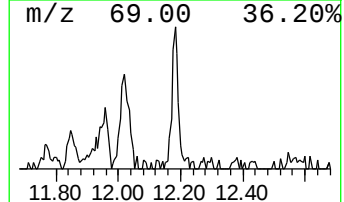
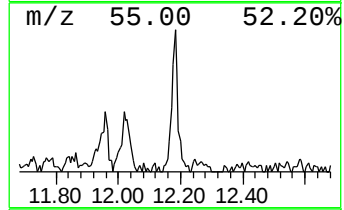
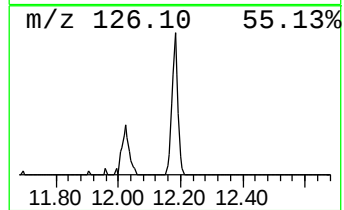
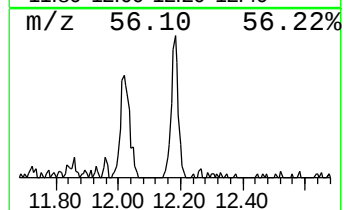
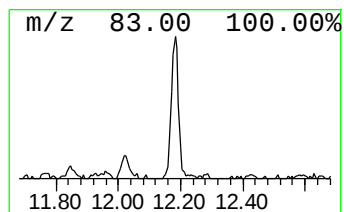
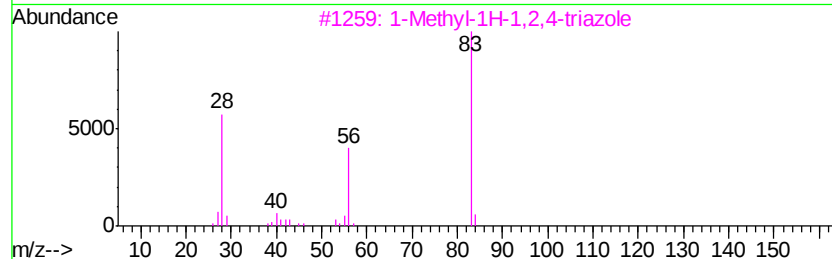
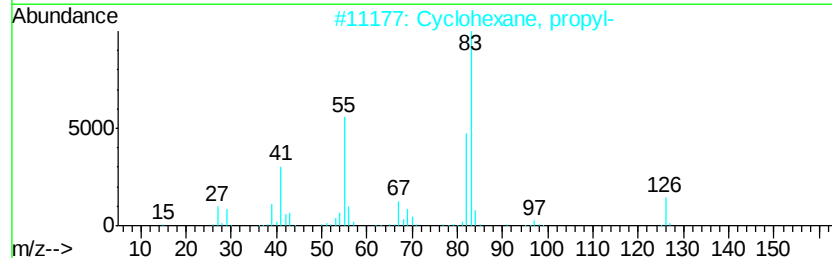
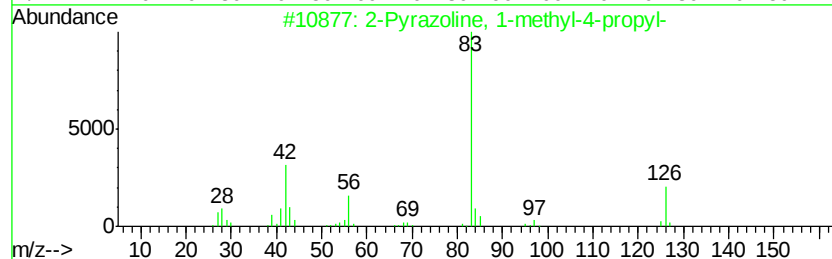
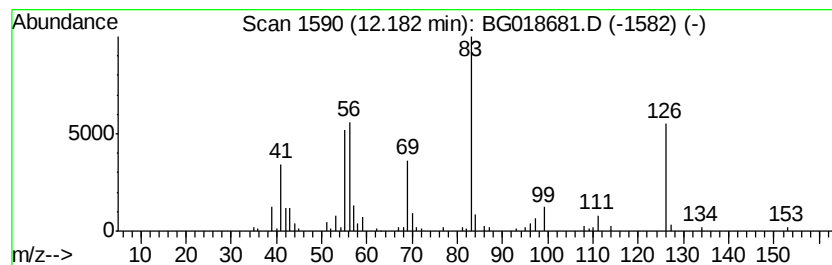
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2-Pyrazoline, 1-methyl-4-pr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.53 ng/ul	87975	Naphthalene-d8	10.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	53
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	50
3			1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	49
4			3H-Pyrazol-3-one, 2,4-dihydro-2,...	126	C6H10N2O	017826-82-3	43
5			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

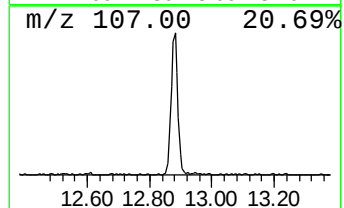
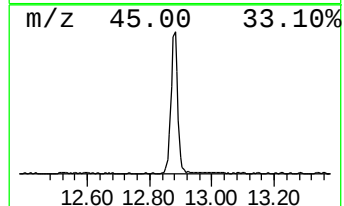
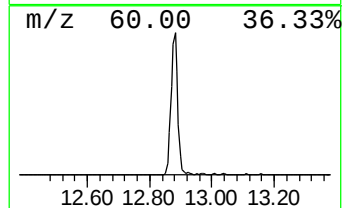
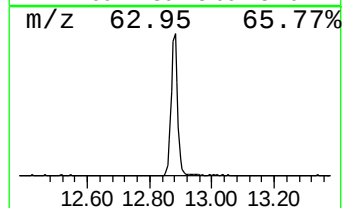
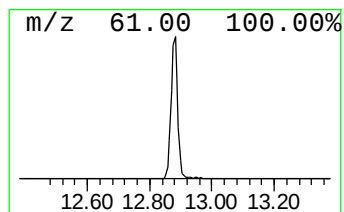
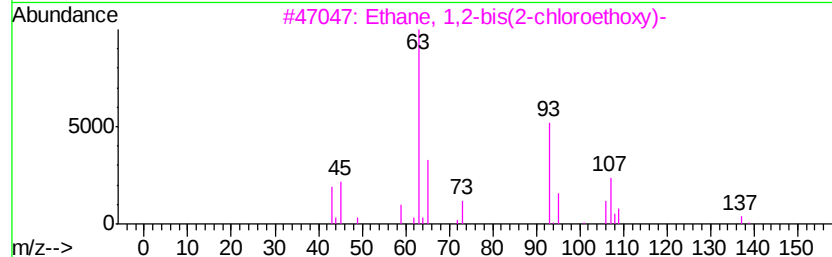
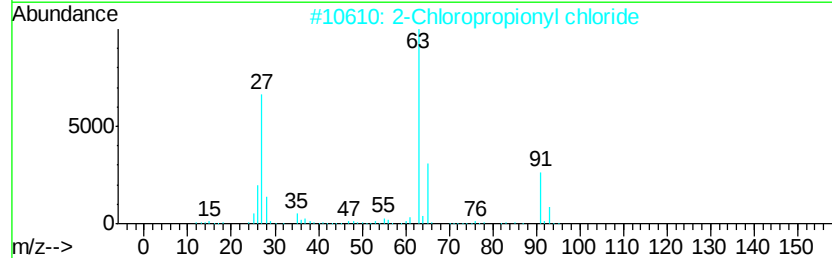
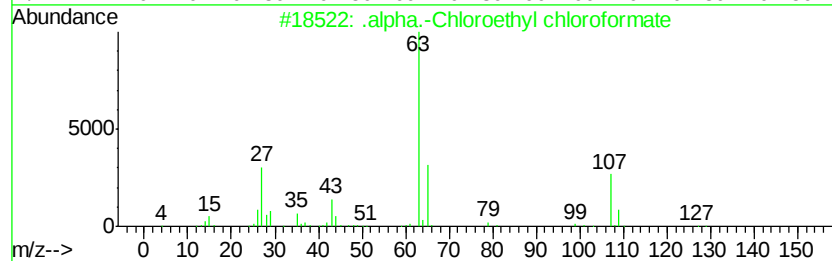
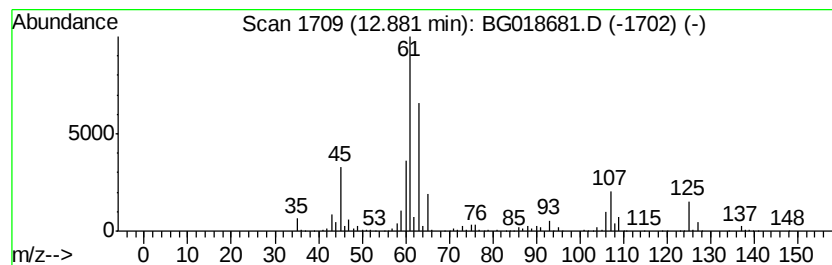
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.88	13.13 ng/ul	790813	Acenaphthene-d10		14.63		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Chloroethyl	chloroformate	142	C3H4Cl2O2	050893-53-3	43
2	2-Chloropropionyl	chloride		126	C3H4Cl2O	007623-09-8	38
3	Ethane, 1,2-bis(2-chloroethoxy)-			186	C6H12Cl2O2	000112-26-5	38
4	Bis(2-(2-chloroethoxy)ethyl)ether			230	C8H16Cl2O3	000638-56-2	38
5	Ethane, 1-chloro-2-nitro-			109	C2H4ClNO2	000625-47-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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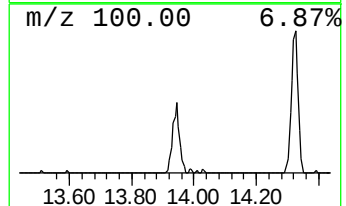
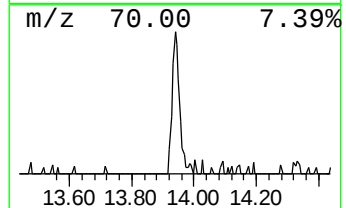
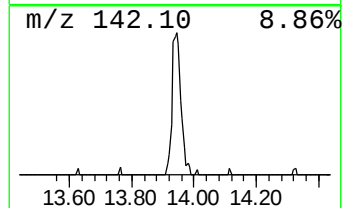
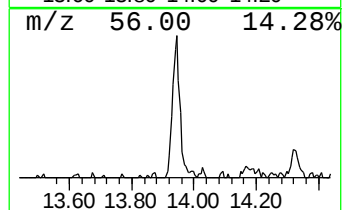
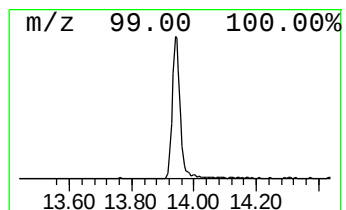
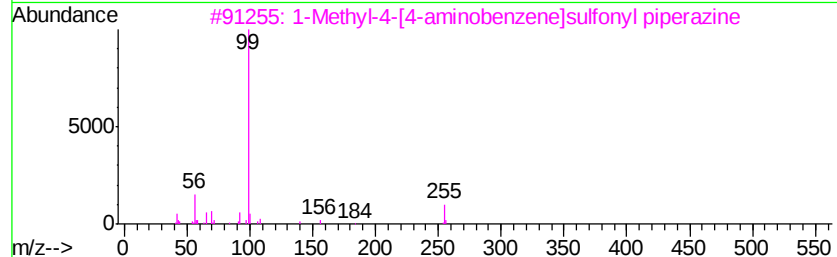
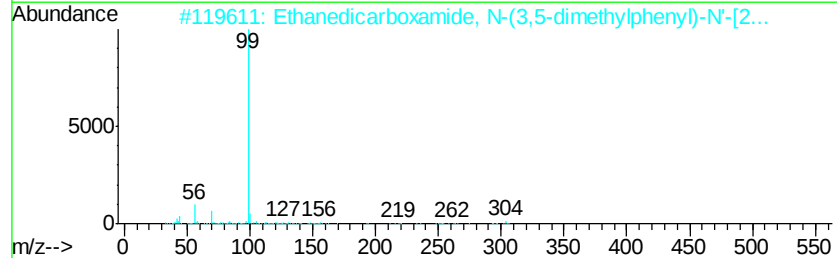
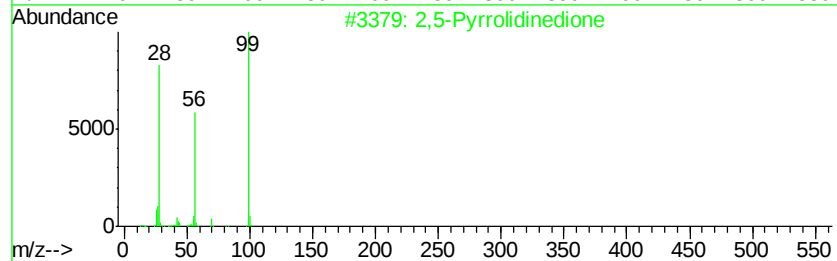
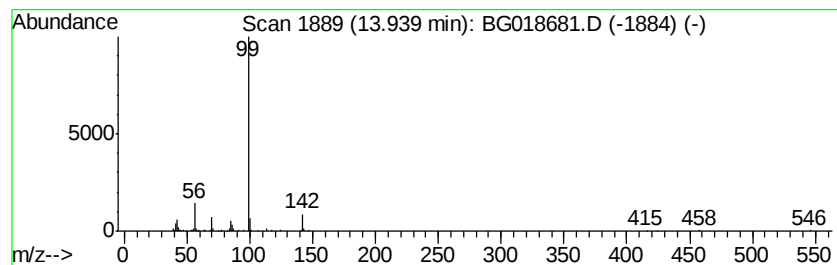
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 2,5-Pyrrolidinedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.57 ng/ul	154993	Acenaphthene-d10	14.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Pyrrolidinedione	99	C4H5N02	000123-56-8	53
2		Ethanedicarboxamide, N-(3,5-dime...	304	C16H24N4O2	346596-53-0	39
3		1-Methyl-4-[4-aminobenzene]sulfo...	255	C11H17N3O2S	021623-68-7	38
4		Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	25
5		2,5-Pyrrolidinedione	99	C4H5N02	000123-56-8	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AL9

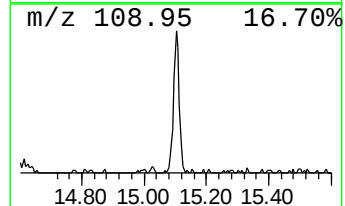
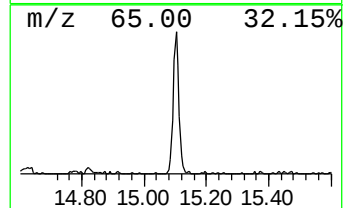
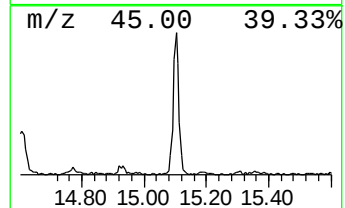
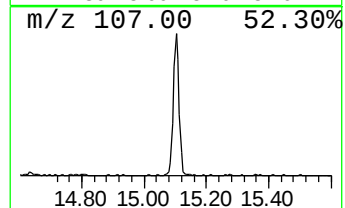
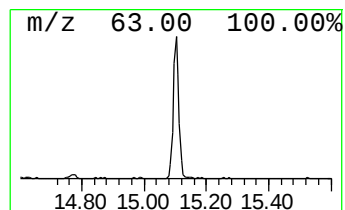
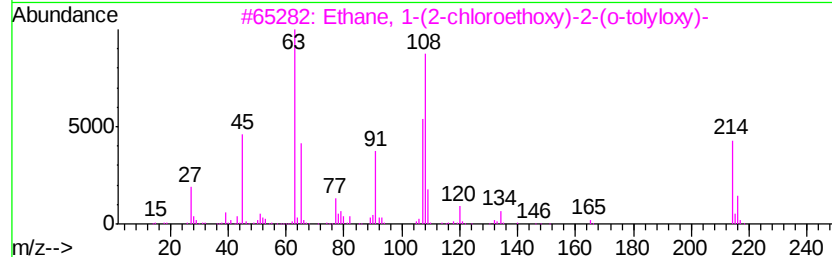
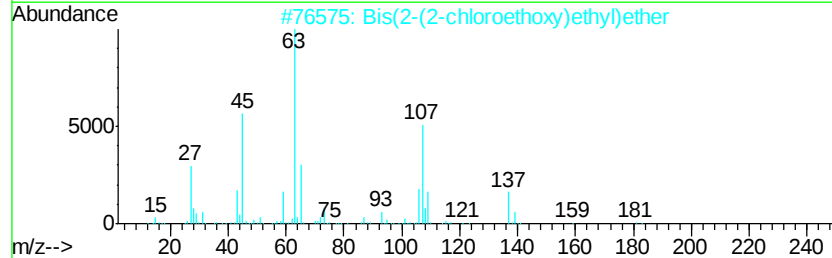
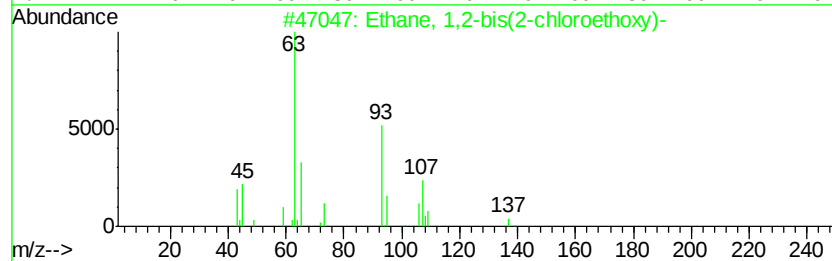
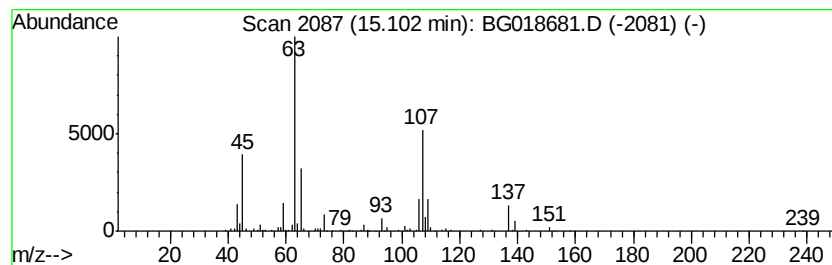
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Ethane, 1-(2-chloroethoxy)-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.37 ng/ul	263165	Acenaphthene-d10	14.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	90
2			Bis(2-(2-chloroethoxy)ethyl)ether	230	C8H16Cl2O3	000638-56-2	87
3			Ethane, 1-(2-chloroethoxy)-2-(o-...	214	C11H15ClO2	021120-80-9	78
4			Acetaldehyde, bis(2-chloroethyl)...	186	C6H12Cl2O2	014689-97-5	64
5			Benzene, 1-chloro-2-[2-(2-chloro...	234	C10H12Cl2O2	007501-11-3	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018681.D
Acq On : 15 Sep 2015 13:59
Operator : UM/IZ
Sample : G3641-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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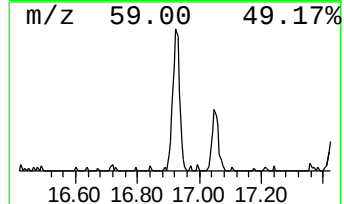
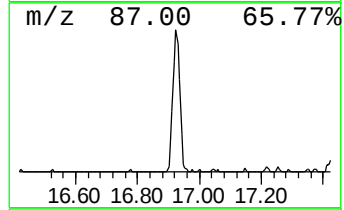
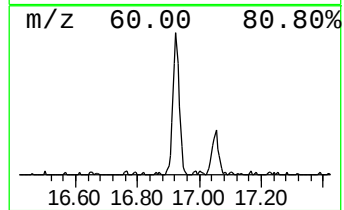
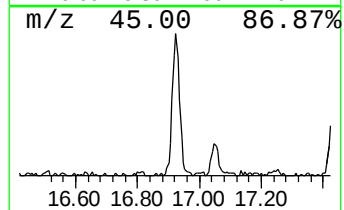
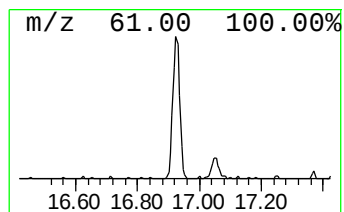
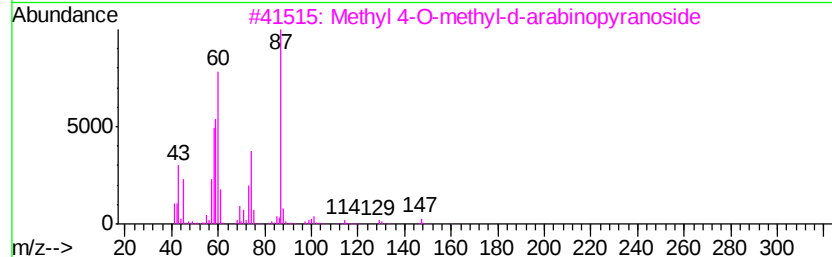
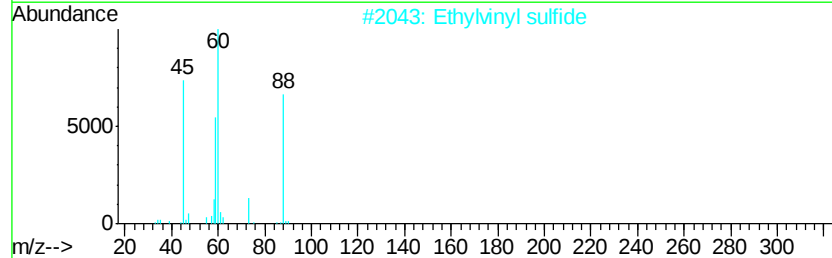
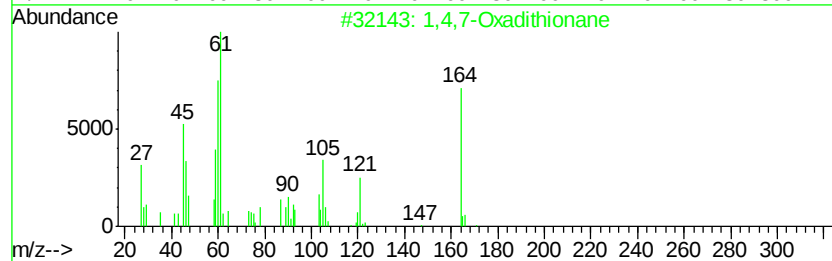
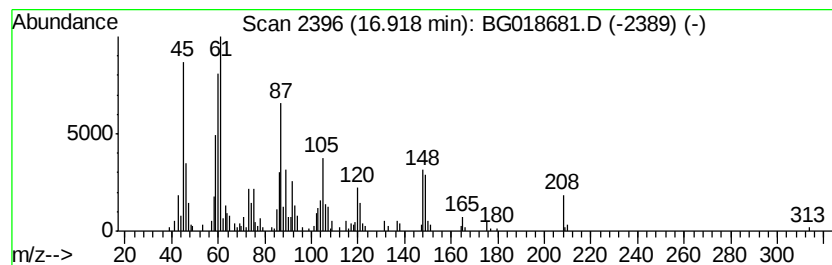
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.39 ng/ul	232585	Phenanthrene-d10	17.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4,7-Oxadithionane	164	C6H12OS2	040474-73-5	46
2			Ethylvinyl sulfide	88	C4H8S	000627-50-9	43
3			Methyl 4-O-methyl-d-arabinopyran...	178	C7H14O5	1000129-79-9	38
4			Carbomethoxy carboethoxymethyl d...	210	C6H10O4S2	1000251-38-3	35
5			.alpha.-L-lyxo-Hexopyranoside, m...	161	C7H15NO3	018977-92-9	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
 Data File : BG018681.D
 Acq On : 15 Sep 2015 13:59
 Operator : UM/IZ
 Sample : G3641-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Amylene Hydrate	2.88	3.6	ng/ul	78985	1	8.00	442323	20.0
Butane, 2-methoxy...	3.17	78.9	ng/ul	1744660	1	8.00	442323	20.0
Acetic acid, cyan...	5.44	13.3	ng/ul	294735	1	8.00	442323	20.0
1,4-Oxathiane	5.94	60.0	ng/ul	1327500	1	8.00	442323	20.0
unknown-01	6.29	2.0	ng/ul	44394	1	8.00	442323	20.0
Cyclohexanone, 3,...	8.43	278.1	ng/ul	6149690	1	8.00	442323	20.0
Cyclohexanol, 3,3...	8.47	9.1	ng/ul	200626	1	8.00	442323	20.0
Cyclohexanol, 3,3...	8.62	125.0	ng/ul	2763490	1	8.00	442323	20.0
unknown-02	11.12	21.1	ng/ul	735443	2	10.81	695468	20.0
Ethane, 1,2-bis(2...	11.96	525.3	ng/ul	18266400	2	10.81	695468	20.0
(DEL) Alkane: Str...	12.02	2.1	ng/ul	74474	2	10.81	695468	20.0
2-Pyrazoline, 1-m...	12.18	2.5	ng/ul	87975	2	10.81	695468	20.0
unknown-03	12.88	13.1	ng/ul	790813	3	14.63	1204570	20.0
2,5-Pyrrolidinedione	13.94	2.6	ng/ul	154993	3	14.63	1204570	20.0
Ethane, 1-(2-chlo...	15.10	4.4	ng/ul	263165	3	14.63	1204570	20.0
unknown-04	16.92	3.4	ng/ul	232585	4	17.37	1370340	20.0