

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010339.D
 Acq On : 31 May 2017 19:32
 Operator : SJ/MA
 Sample : I3369-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM-EPA-BM052717.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	4.116	163	175	193	rVB4	141833740	280072786	41.97%	6.561%
2	4.610	253	259	266	rBV2	59102602	75026476	11.24%	1.758%
3	4.975	315	321	328	rBV2	8595052	17824406	2.67%	0.418%
4	5.087	335	340	346	rVV	19672452	27330117	4.10%	0.640%
5	5.287	368	374	378	rVV	56751751	98636914	14.78%	2.311%
6	5.357	378	386	391	rVB3	76014083	166015247	24.88%	3.889%
7	5.434	391	399	414	rBV3	78581235	143540046	21.51%	3.363%
8	5.581	414	424	435	rVB6	182019179	531786710	79.70%	12.458%
9	5.698	435	444	449	rVB	14975320	21557293	3.23%	0.505%
10	5.793	449	460	465	rBV5	90513187	192085174	28.79%	4.500%
11	5.846	465	469	474	rVV	12562005	18585353	2.79%	0.435%
12	5.898	474	478	480	rVV	19736605	24604535	3.69%	0.576%
13	5.946	480	486	491	rVV4	141673832	260422982	39.03%	6.101%
14	6.004	492	496	500	rVB	8071387	10382015	1.56%	0.243%
15	6.163	513	523	528	rBV2	8094275	16424303	2.46%	0.385%
16	6.398	555	563	571	rVB2	9389357	17212233	2.58%	0.403%
17	6.887	636	646	655	rVB	23227621	36634009	5.49%	0.858%
18	7.004	655	666	670	rVV2	98677692	158283135	23.72%	3.708%
19	7.057	670	675	681	rVV	40128739	55404946	8.30%	1.298%
20	7.134	681	688	694	rVV3	70817136	106395071	15.95%	2.492%
21	7.240	694	706	710	rVV	71658059	118761637	17.80%	2.782%
22	7.304	710	717	726	rVB2	58887592	87238680	13.07%	2.044%
23	7.581	753	764	769	rVB4	169814315	330798110	49.58%	7.750%
24	7.769	789	796	799	rBV	4188857	6867564	1.03%	0.161%
25	7.804	799	802	806	rVB	5166521	6735251	1.01%	0.158%
26	7.940	817	825	833	rBV2	9622698	16343348	2.45%	0.383%
27	8.028	833	840	846	rVB	45730734	66993189	10.04%	1.569%
28	8.287	876	884	890	rBV	7644841	12276177	1.84%	0.288%
29	8.387	895	901	906	rBV2	6643614	10123624	1.52%	0.237%
30	8.445	906	911	919	rVB	14423281	20712917	3.10%	0.485%
31	8.534	919	926	932	rBV	23836706	37156138	5.57%	0.870%
32	8.763	960	965	972	rVB	6580417	10744515	1.61%	0.252%
33	8.851	972	980	986	rBV2	6308128	15277949	2.29%	0.358%
34	8.998	995	1005	1008	rBV	6512537	10417433	1.56%	0.244%

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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	9.039	1008	1012	1016	rVV	6719129	10430609	1.56%	0.244%
36	9.586	1099	1105	1114	rVB	29269837	40404239	6.06%	0.947%
37	17.304	2408	2417	2427	rVB2	4470934	8875979	1.33%	0.208%
38	17.857	2505	2511	2518	rBV	16018985	22372905	3.35%	0.524%
39	18.168	2558	2564	2571	rBV	14822756	23984058	3.59%	0.562%
40	18.845	2675	2679	2684	rBV2	15630337	27533163	4.13%	0.645%
41	19.098	2716	2722	2728	rBV2	21431710	48883526	7.33%	1.145%
42	19.151	2728	2731	2735	rVB	15985114	17682163	2.65%	0.414%
43	19.303	2750	2757	2759	rBV2	6530508	9875790	1.48%	0.231%
44	19.468	2782	2785	2789	rVB	8581291	9642715	1.45%	0.226%
45	19.568	2797	2802	2809	rVB	9790417	13701823	2.05%	0.321%
46	19.633	2809	2813	2818	rVV2	5547908	6771167	1.01%	0.159%
47	20.221	2908	2913	2917	rBV	9639603	11665826	1.75%	0.273%
48	20.427	2944	2948	2954	rBV2	4788651	8300523	1.24%	0.194%
49	20.568	2967	2972	2973	rBV	10734653	13315105	2.00%	0.312%
50	20.592	2973	2976	2982	rVB	18221124	22316848	3.34%	0.523%
51	20.892	3020	3027	3032	rVB	21776999	26144717	3.92%	0.612%
52	21.362	3095	3107	3119	rVB2	17966373	47457698	7.11%	1.112%
53	21.468	3120	3125	3129	rBV	6879801	9116505	1.37%	0.214%
54	22.092	3219	3231	3232	rBV4	255456616	667262369	100.00%	15.632%
55	23.344	3434	3444	3455	rVB2	105168249	196139097	29.39%	4.595%
56	23.821	3519	3525	3534	rVB	3890196	7820095	1.17%	0.183%
57	24.750	3676	3683	3701	rVB	3972449	10269413	1.54%	0.241%

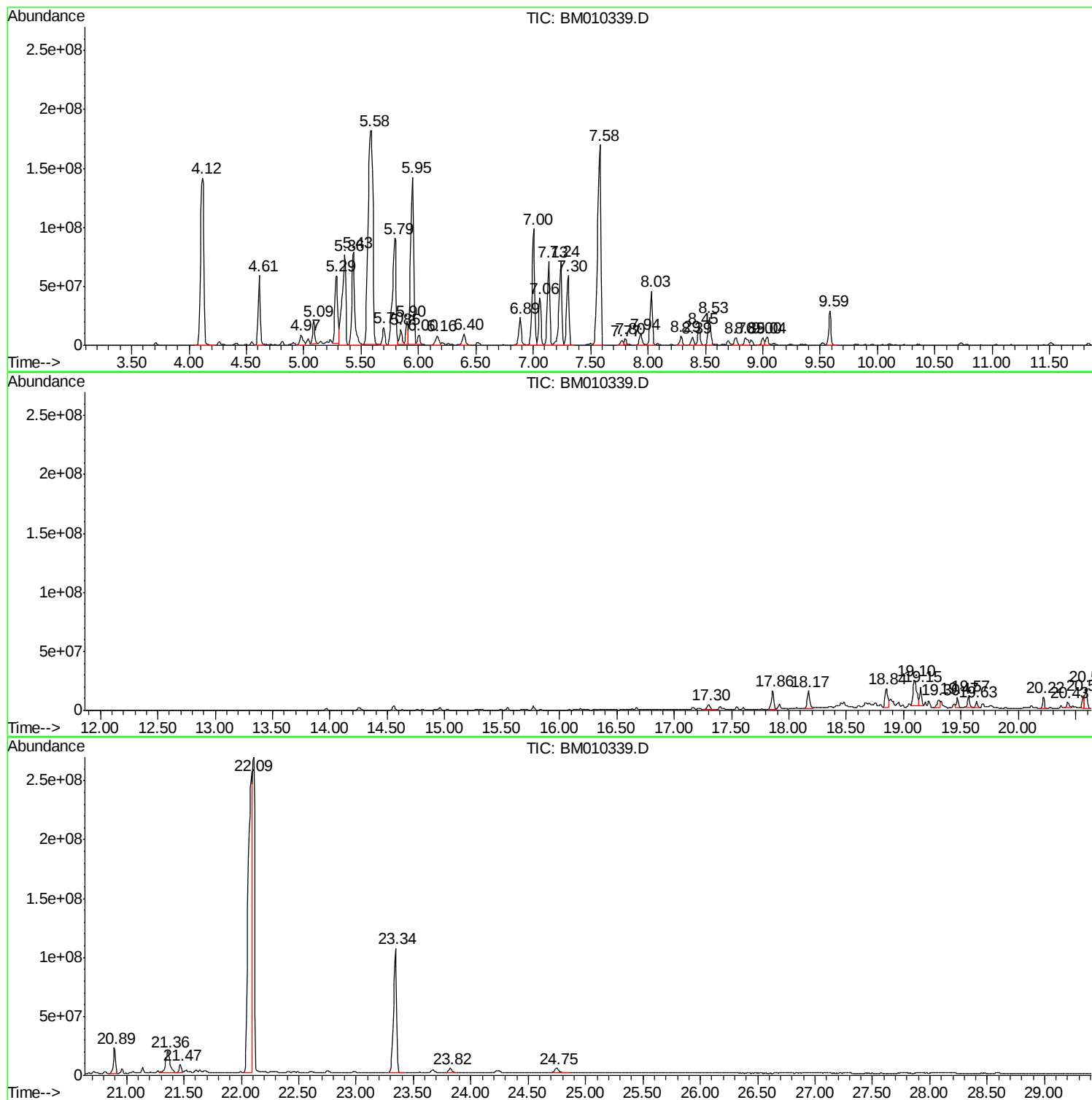
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TIC Library : C:\DATABASE\NIST11.L
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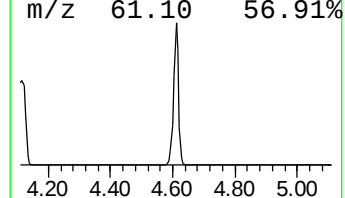
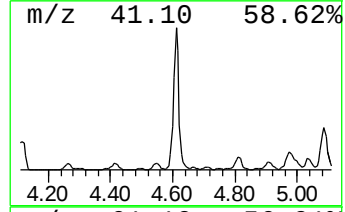
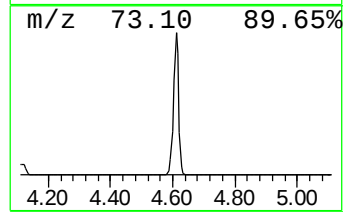
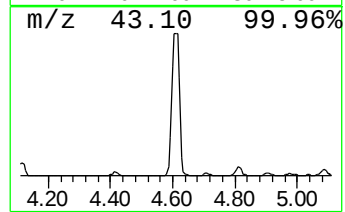
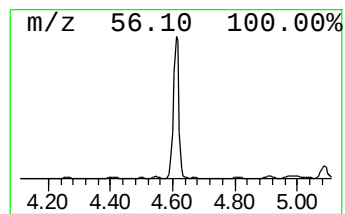
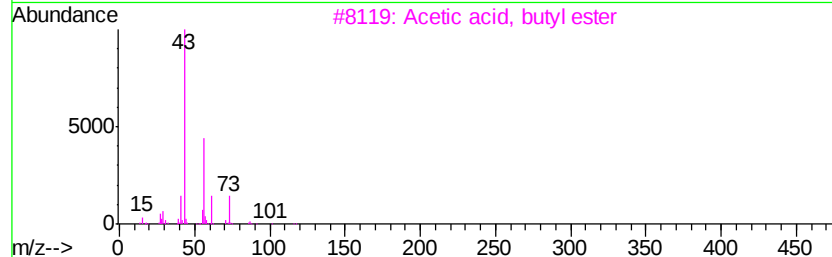
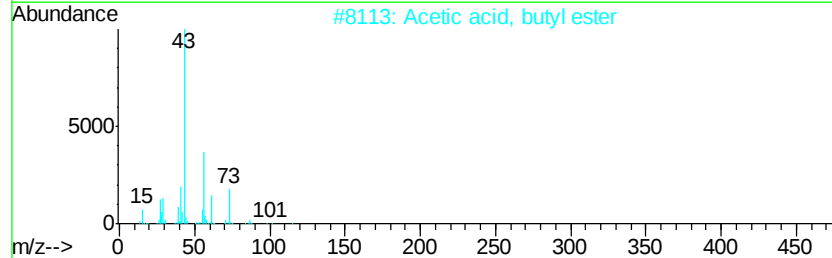
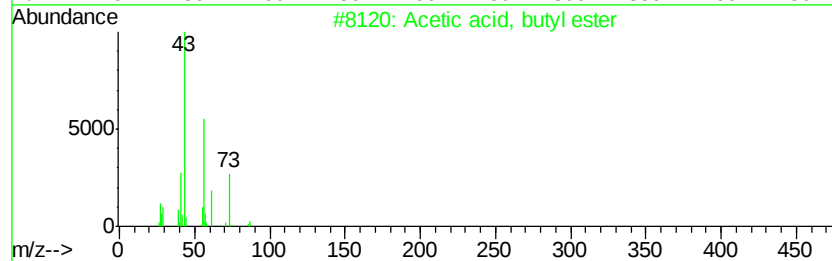
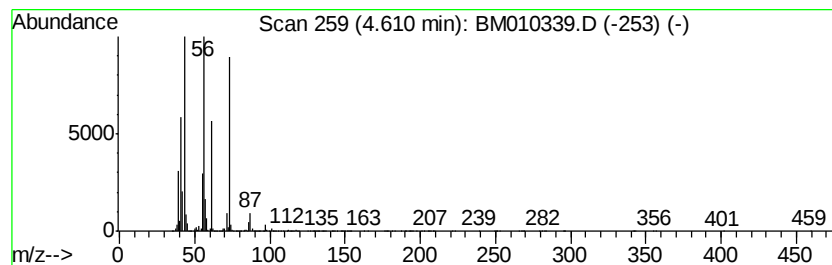
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Acetic acid, butyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	91.81 ng/ul	75026500	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
2		Acetic acid, butyl ester	116	C6H12O2	000123-86-4	56
3		Acetic acid, butyl ester	116	C6H12O2	000123-86-4	50
4		Isobutyl acetate	116	C6H12O2	000110-19-0	40
5		Propane, 1,2-bis(difluoroamino)-...	160	C4H8F4N2	016063-24-4	33



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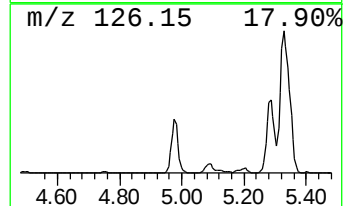
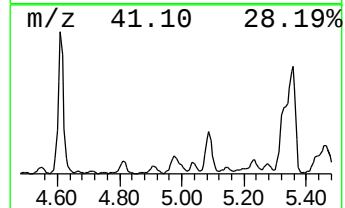
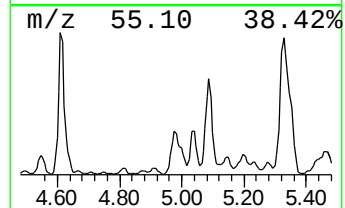
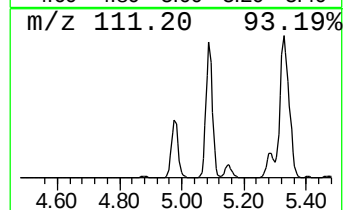
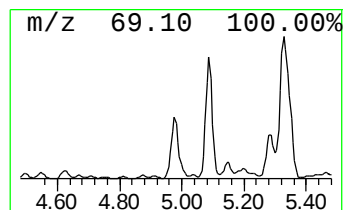
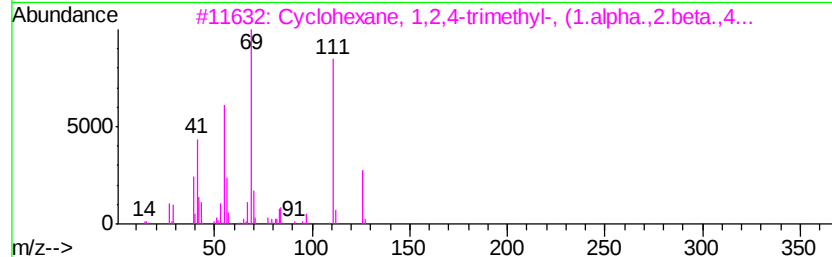
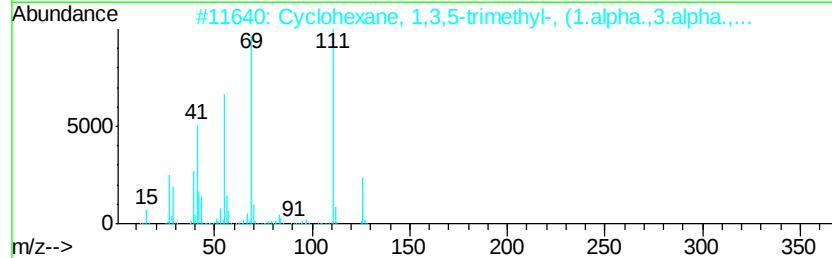
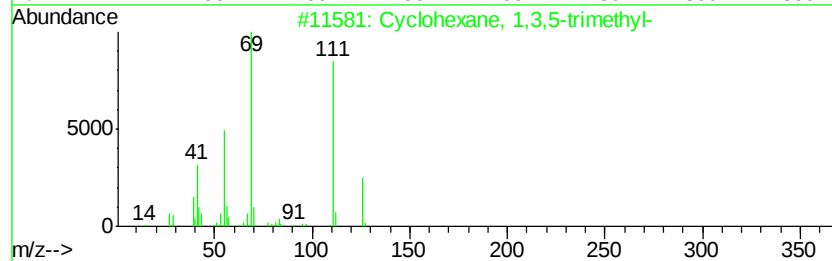
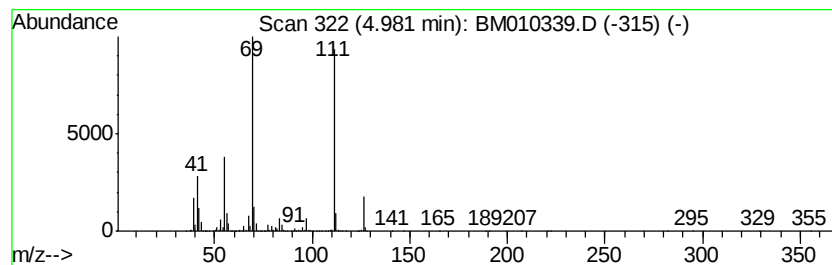
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic4.98 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	21.81 ng/ul	17824400	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	97
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	81
5		6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	72



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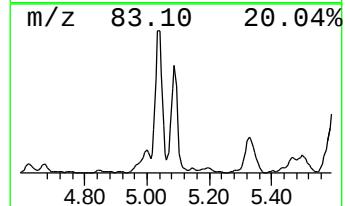
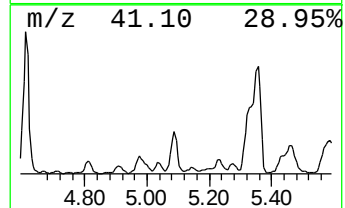
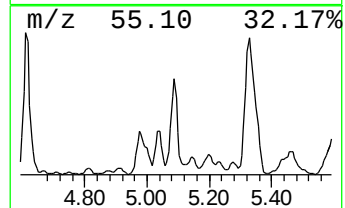
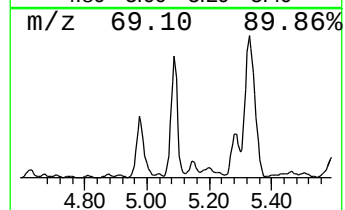
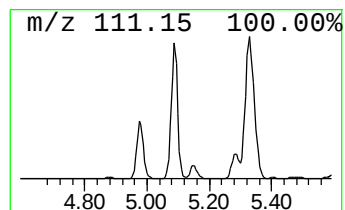
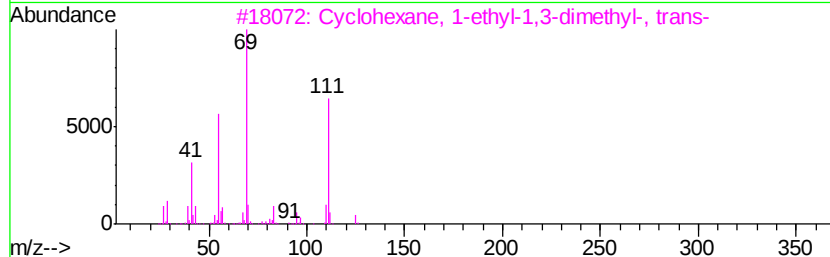
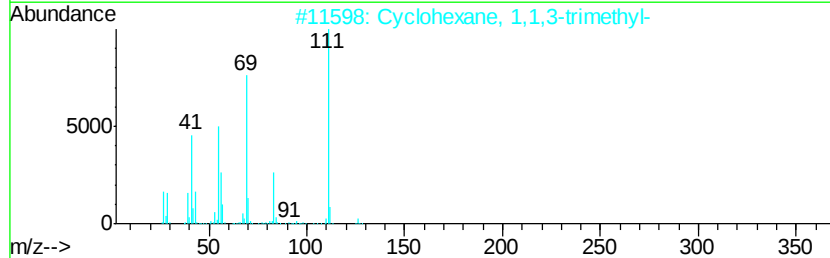
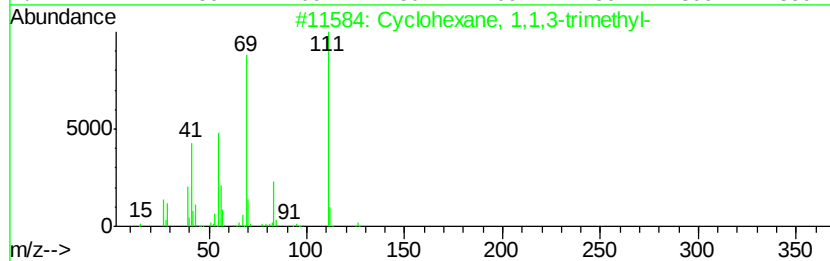
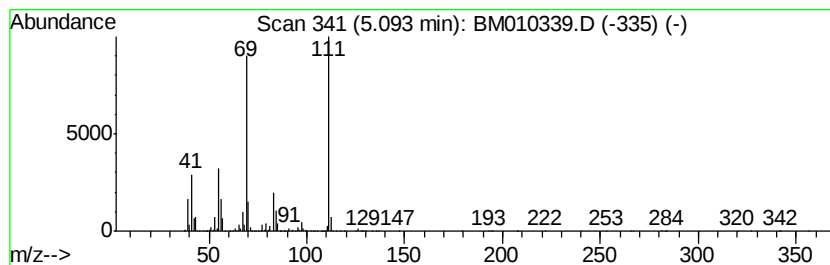
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Cyclic5.09 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	33.44 ng/ul	27330100	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
3		Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	72
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	53



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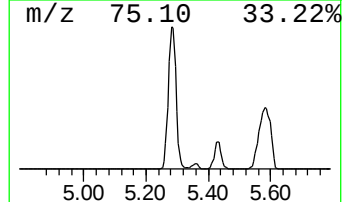
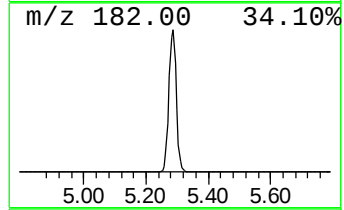
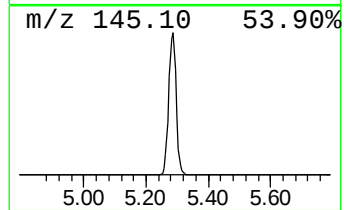
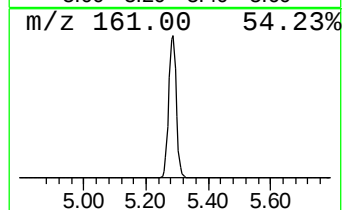
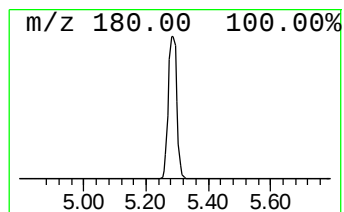
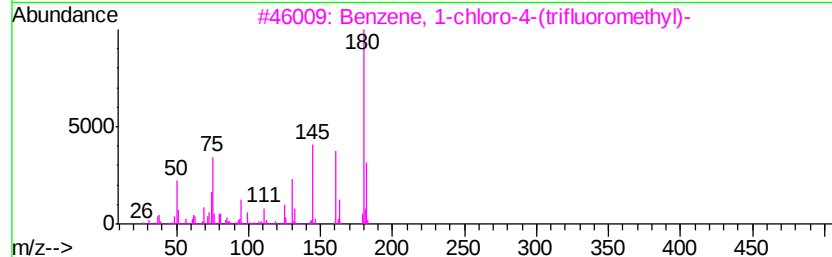
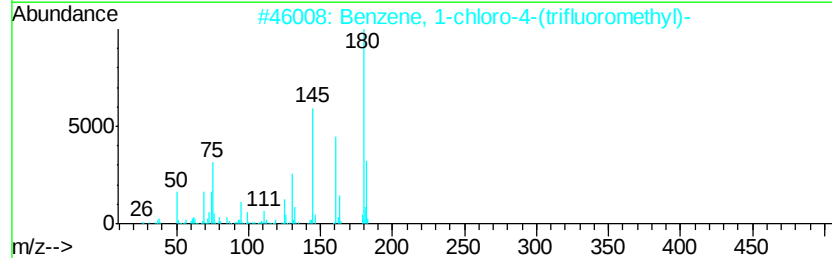
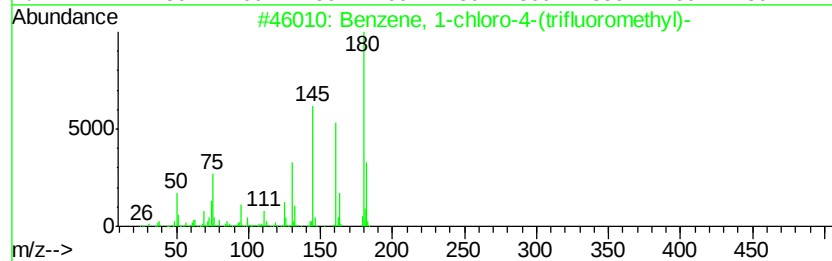
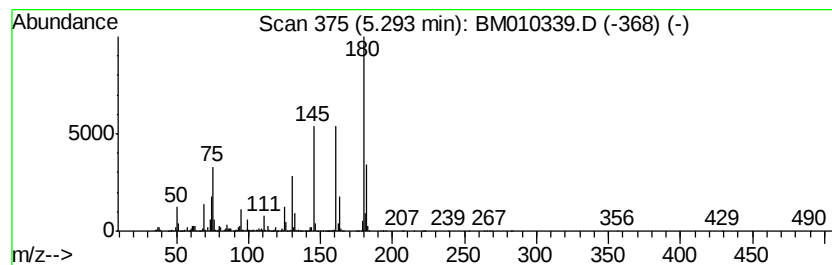
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Peak Number 5 Benzene, 1-chloro-4-(triflu... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	120.71 ng/ul	98636900	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	98
2		Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	98
3		Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	94
4		Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	94
5		Benzene, 1-chloro-3-(trifluorome...	180	C7H4ClF3	000098-15-7	93



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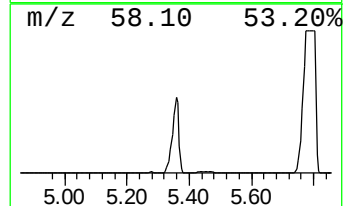
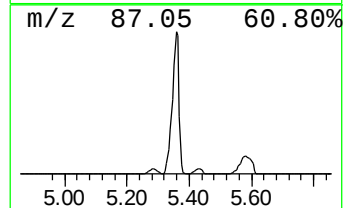
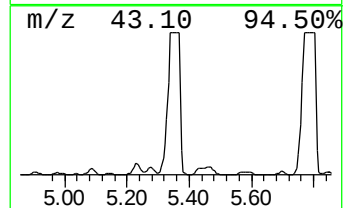
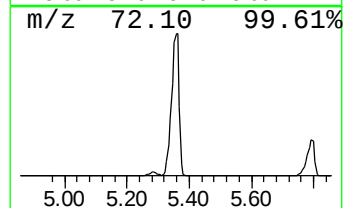
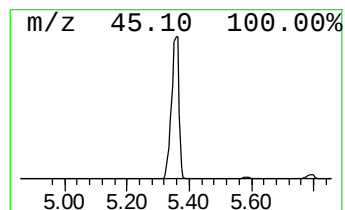
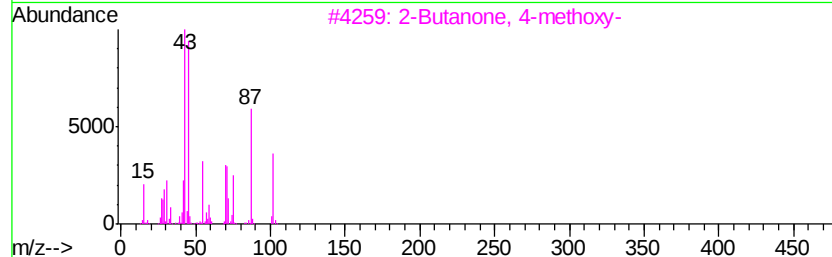
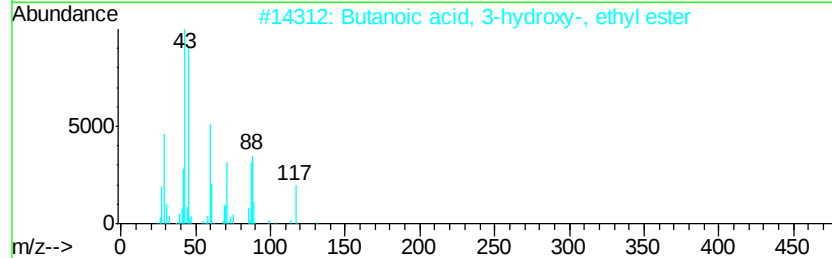
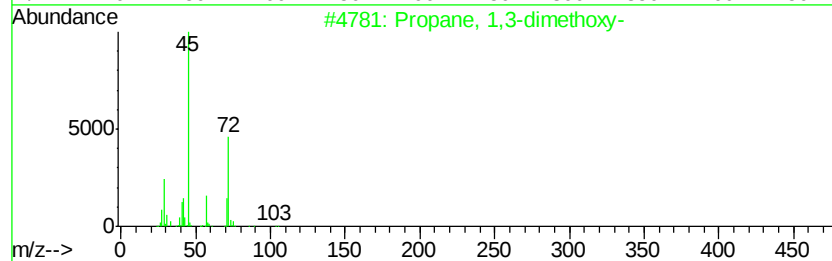
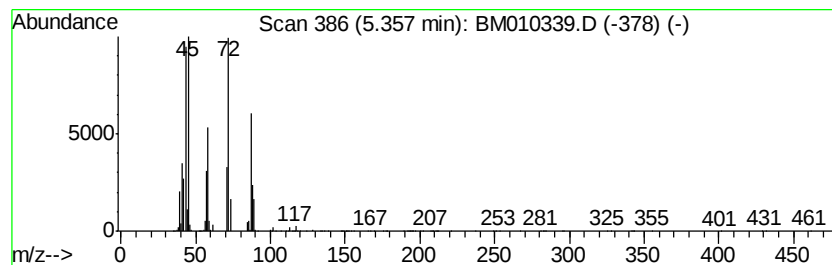
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	203.16 ng/ul	166015000	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,3-dimethoxy-	104	C5H12O2	017081-21-9	38
2		Butanoic acid, 3-hydroxy-, ethyl...	132	C6H12O3	005405-41-4	32
3		2-Butanone, 4-methoxy-	102	C5H10O2	006975-85-5	32
4		Pentane, 1-methoxy-	102	C6H14O	000628-80-8	22
5		Acetaldehyde, methylhydrazone	72	C3H8N2	017167-73-6	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

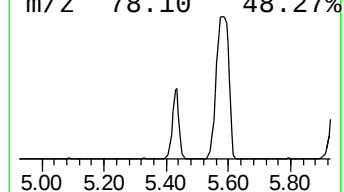
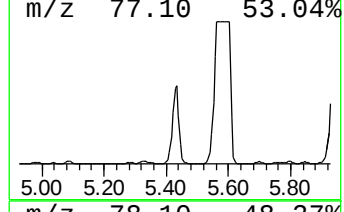
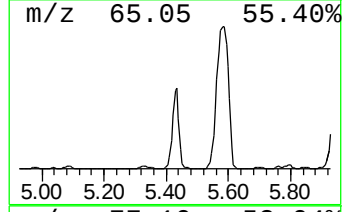
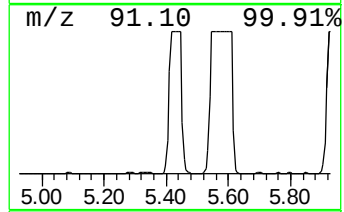
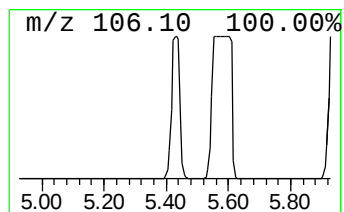
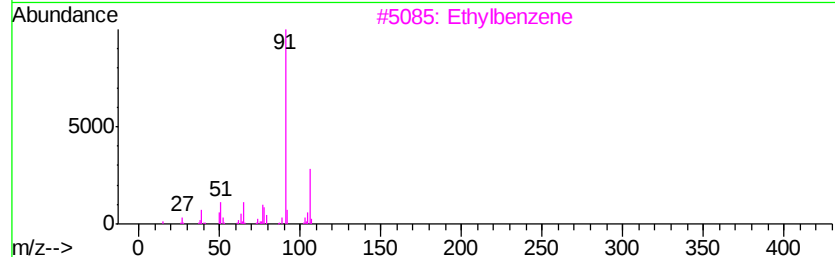
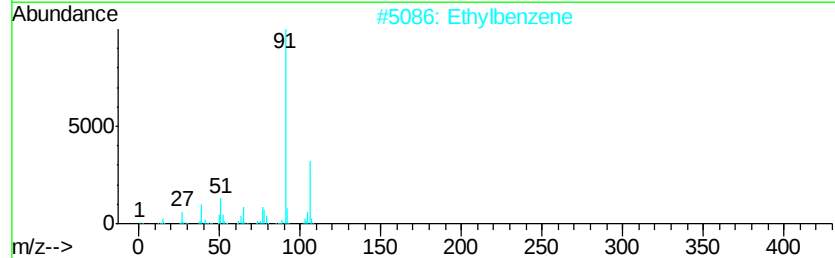
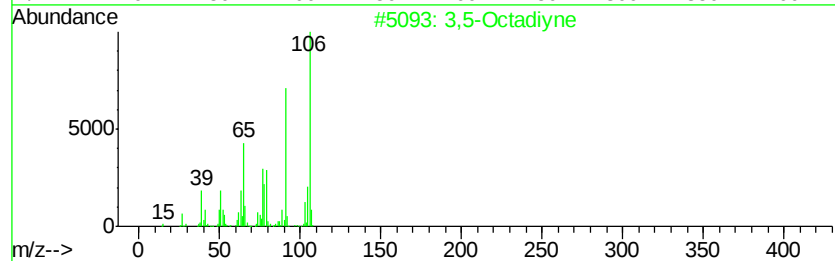
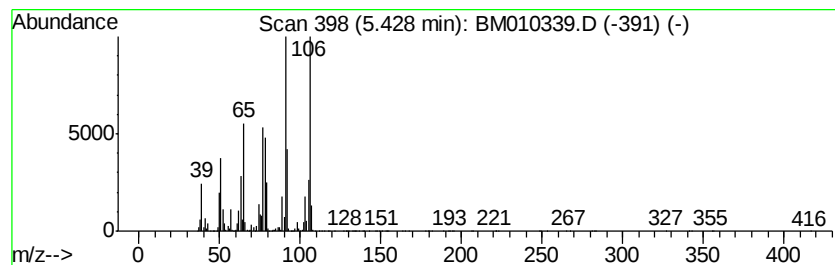
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 3,5-Octadiyne Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	175.66 ng/ul	143540000	1,4-Dichlorobenzene-d4	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,5-Octadiyne	106 C8H10	016387-70-5	87
2	Ethylbenzene	106 C8H10	000100-41-4	59
3	Ethylbenzene	106 C8H10	000100-41-4	53
4	Ethylbenzene	106 C8H10	000100-41-4	42
5	Cycloheptatrienylium, iodide	218 C7H7I	001316-80-9	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
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Sample : I3369-06
Misc :
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Instrument :
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ClientSampleId :
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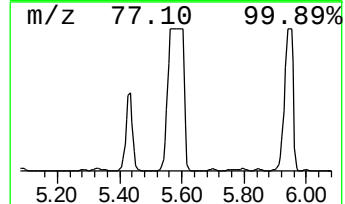
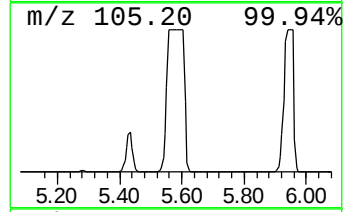
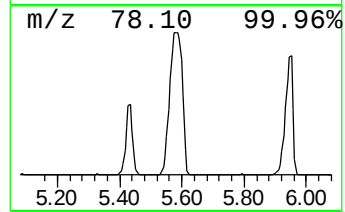
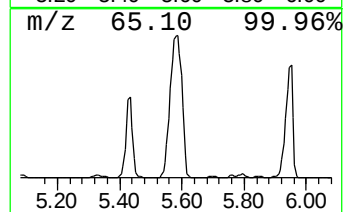
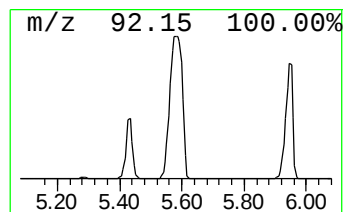
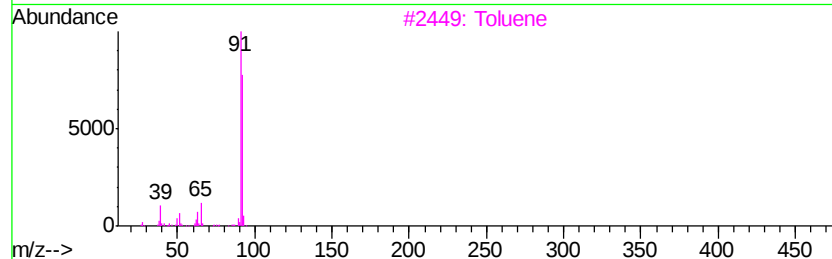
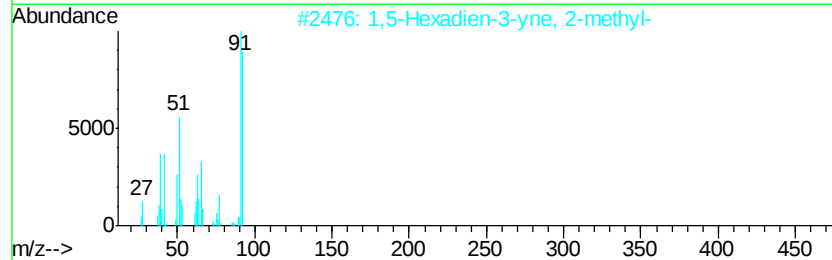
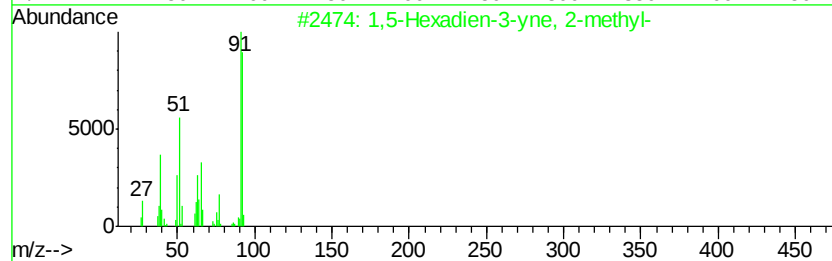
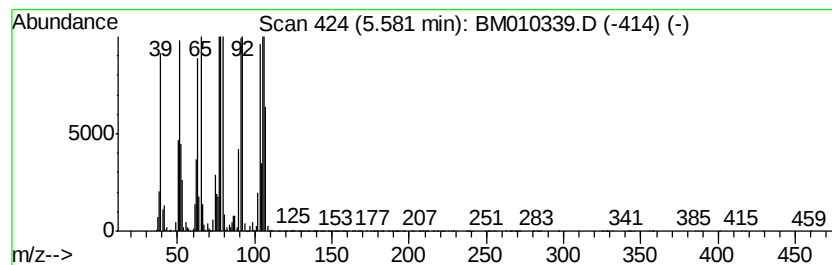
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,5-Hexadien-3-yne, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	650.77 ng/ul	531787000	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	83
2		1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	70
3		Toluene	92	C7H8	000108-88-3	49
4		1,6-Heptadien-3-yne, 5-methyl-	106	C8H10	1000142-71-3	43
5		Toluene	92	C7H8	000108-88-3	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
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Instrument :
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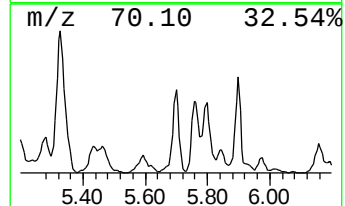
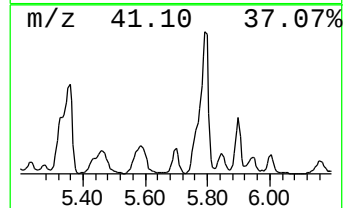
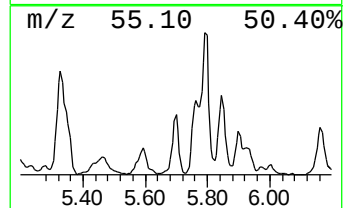
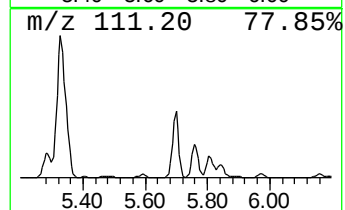
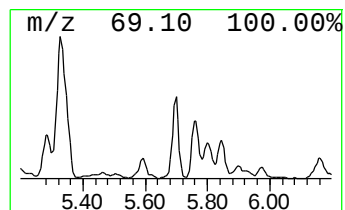
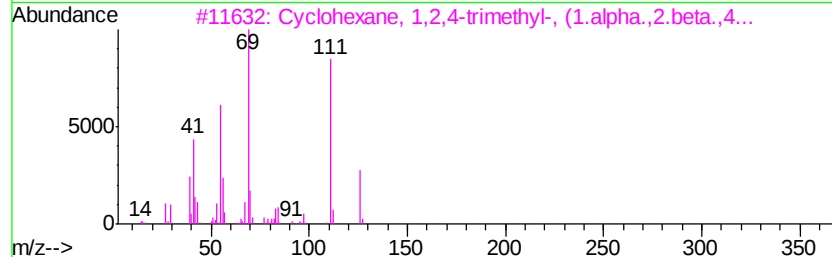
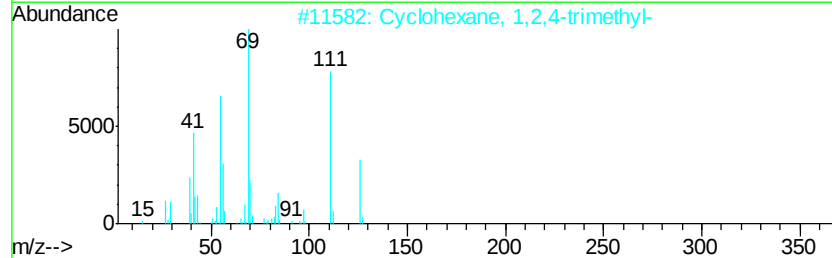
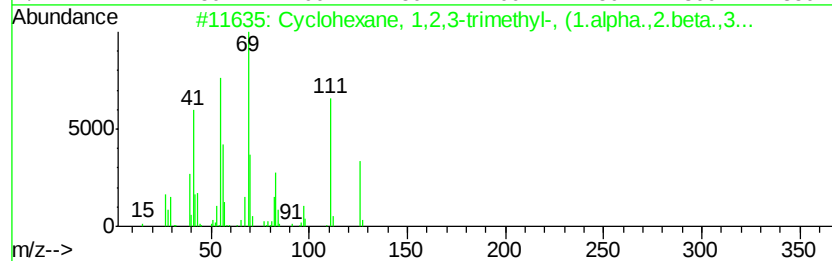
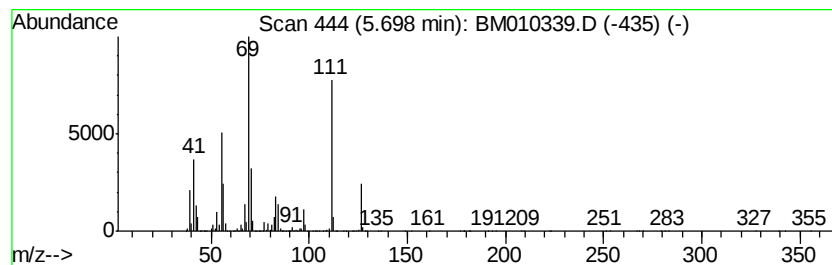
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic5.70 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	26.38 ng/ul	21557300	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	91
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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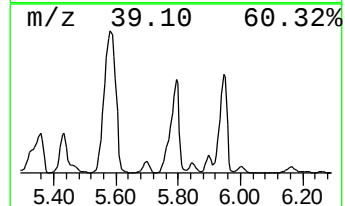
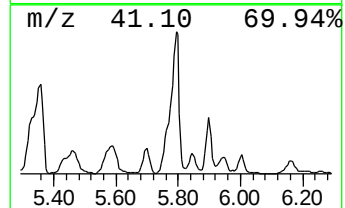
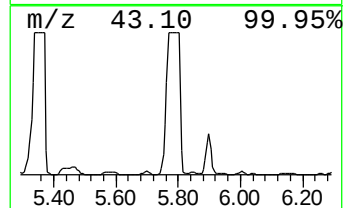
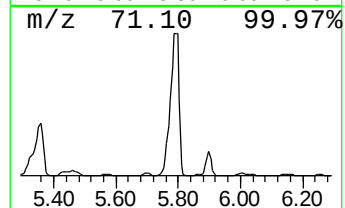
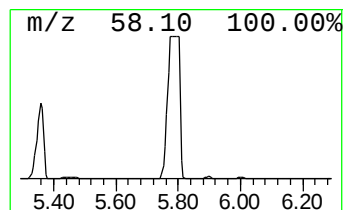
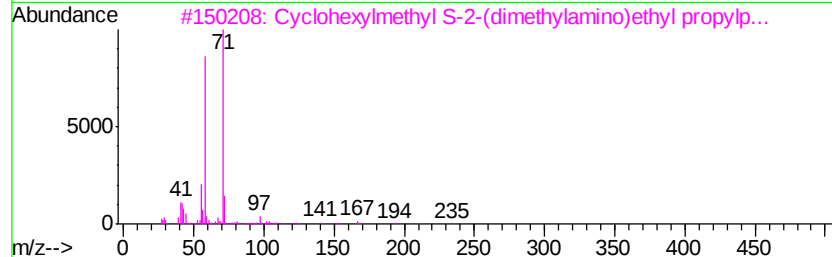
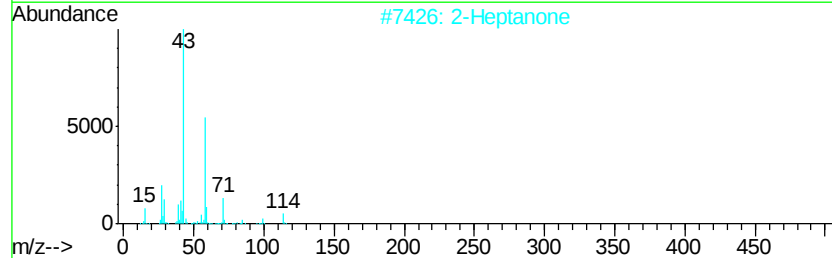
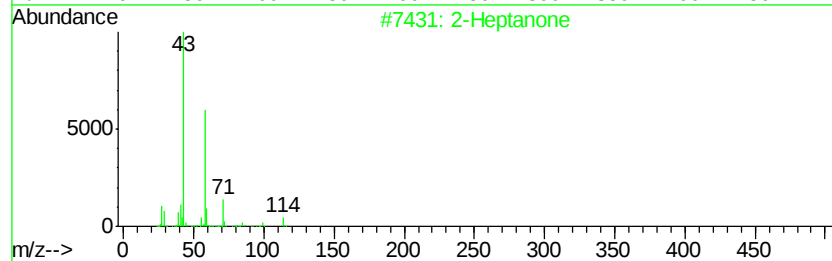
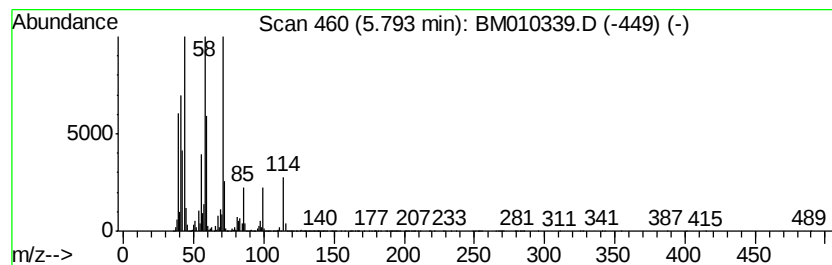
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2-Heptanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	235.06 ng/ul	192085000	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptanone	114	C7H14O	000110-43-0	58
2		2-Heptanone	114	C7H14O	000110-43-0	43
3		Cyclohexylmethyl S-2-(dimethylam...	307	C14H30N02PS	1000298-43-5	38
4		Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	35
5		Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
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Misc :
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ClientSampleId :
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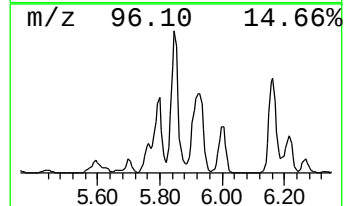
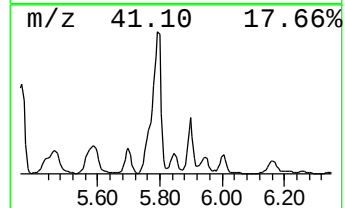
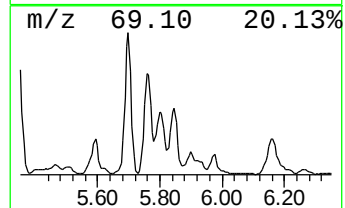
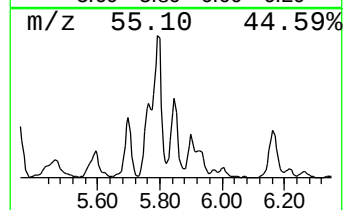
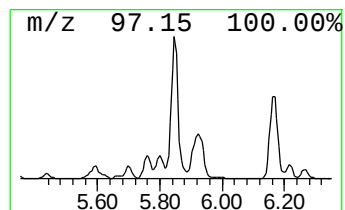
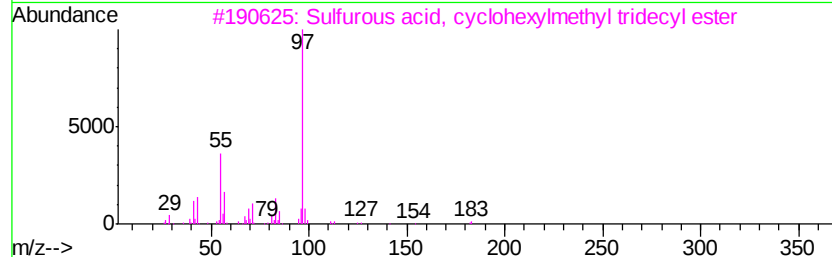
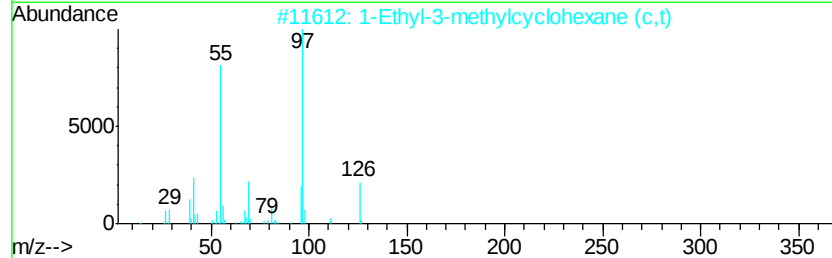
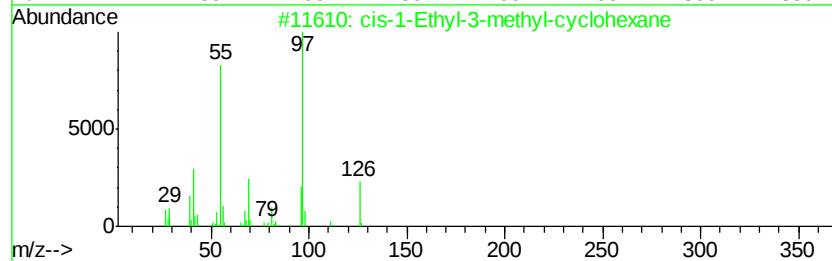
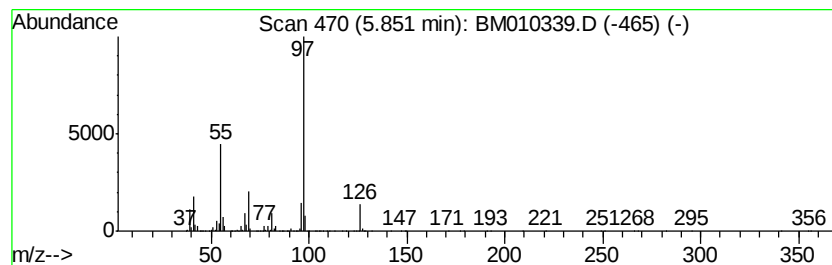
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic5.85 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	22.74 ng/ul	18585400	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3		Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	78
4		Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	72
5		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
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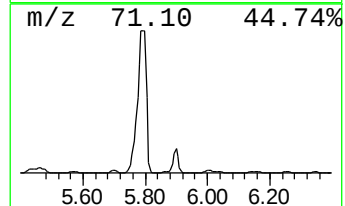
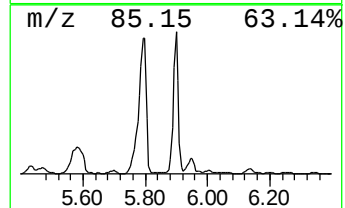
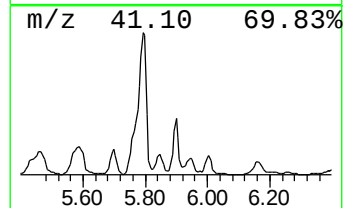
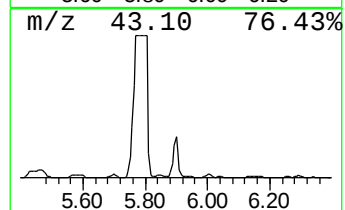
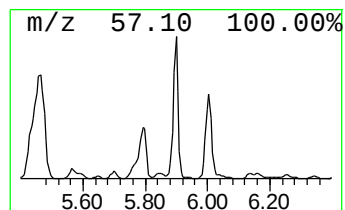
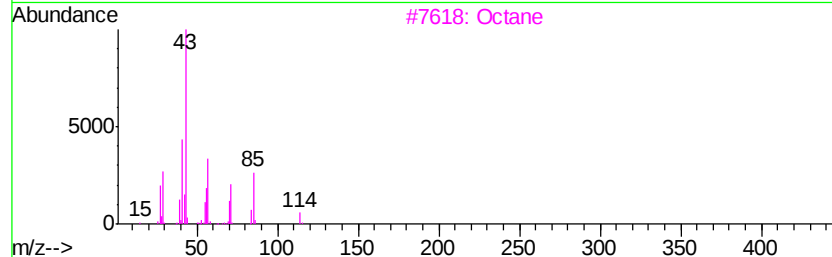
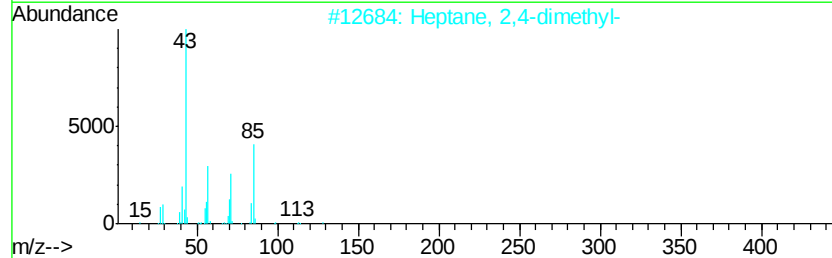
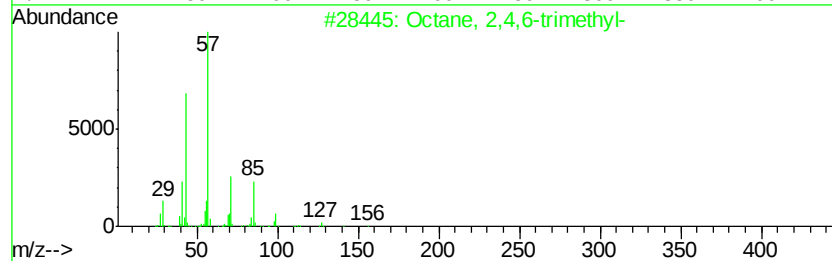
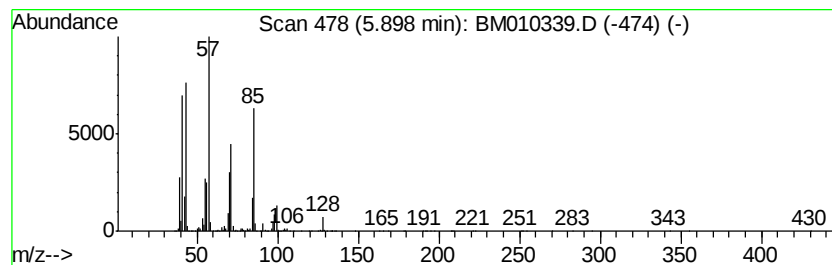
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	30.11 ng/ul	24604500	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3		Octane	114	C8H18	000111-65-9	64
4		Octane	114	C8H18	000111-65-9	64
5		Nonane	128	C9H20	000111-84-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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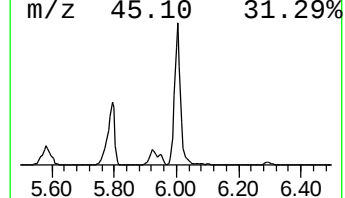
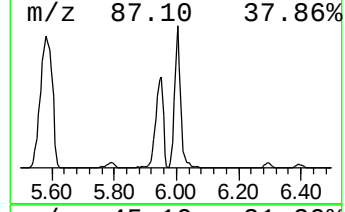
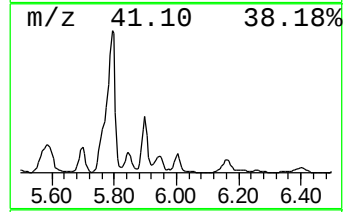
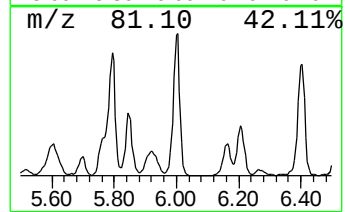
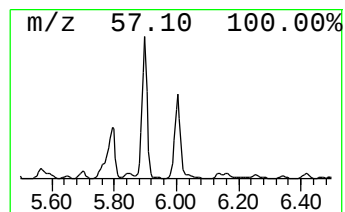
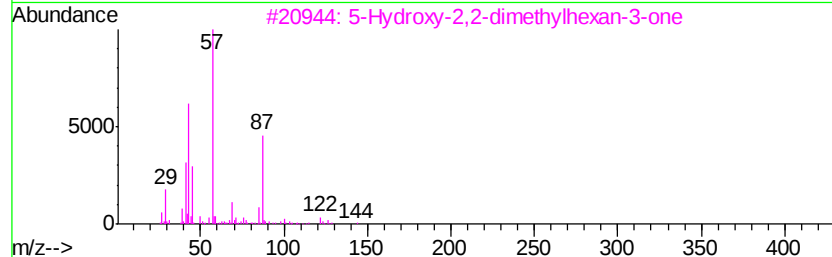
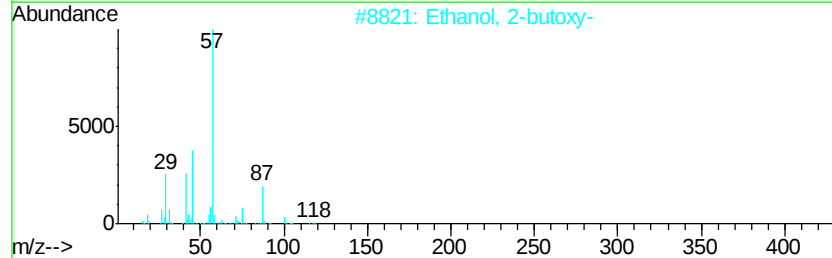
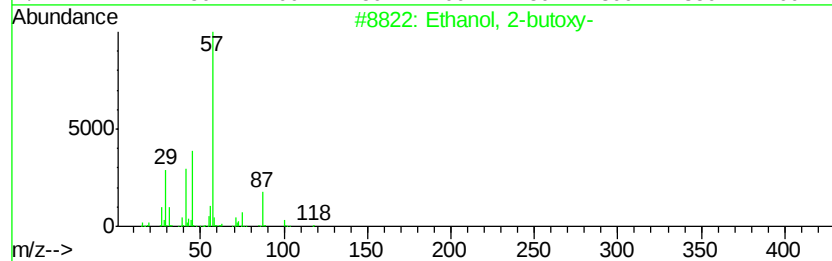
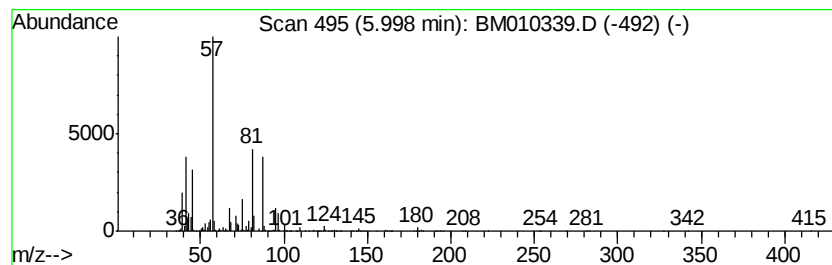
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	12.70 ng/ul	10382000	1,4-Dichlorobenzene-d4	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	46
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43
3			5-Hydroxy-2,2-dimethylhexan-3-one	144	C8H16O2	173343-33-4	28
4			Propane, 1,1'-[methylenebis(oxy)...]	160	C9H20O2	002568-91-4	27
5			Bicyclo[1.1.1]pentane, 1,3-dipro...	180	C11H16O2	1000287-90-9	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
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Sample : I3369-06
Misc :
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ClientSampleId :
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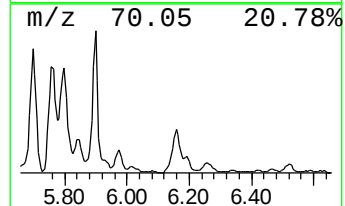
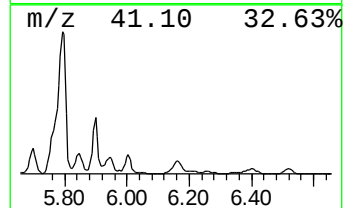
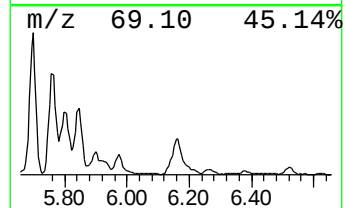
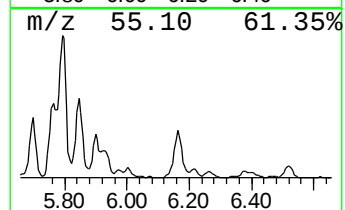
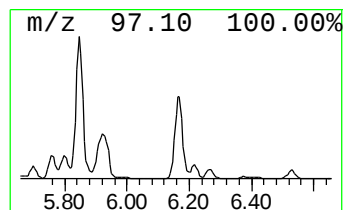
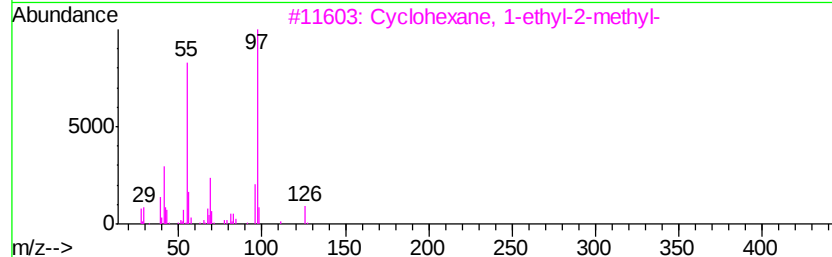
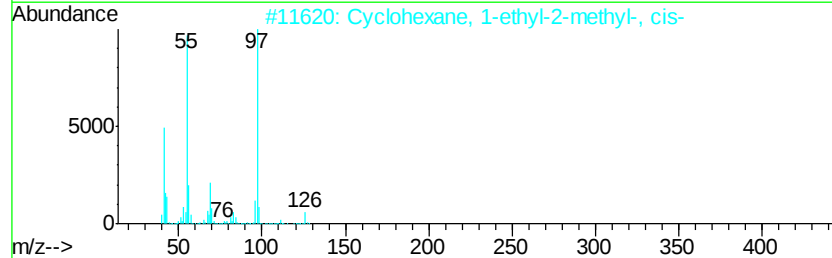
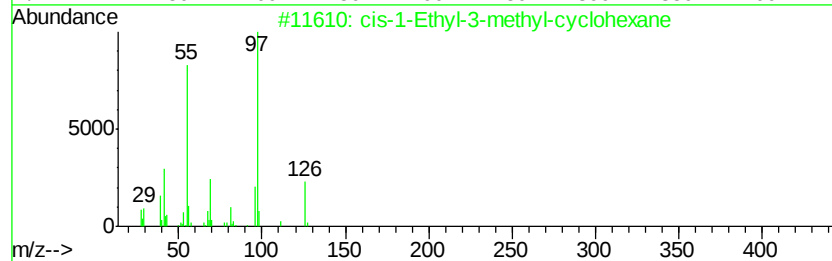
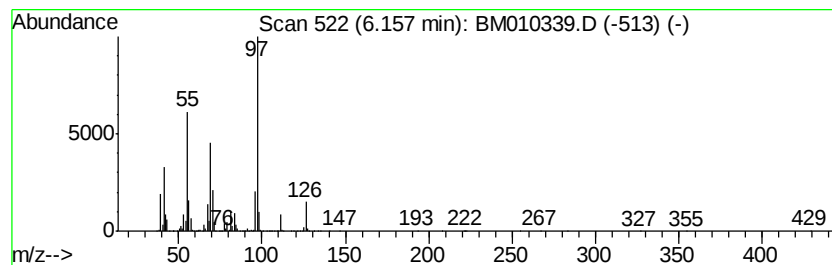
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic6.16 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	20.10 ng/ul	16424300	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	86
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	78
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
4		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
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Instrument :
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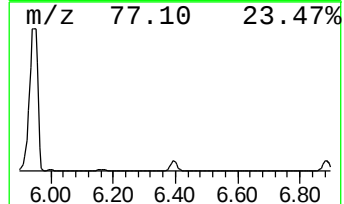
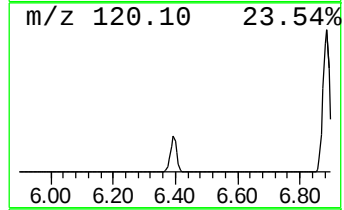
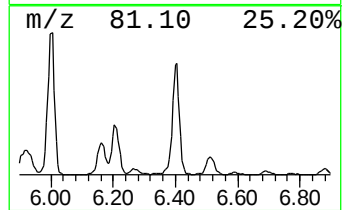
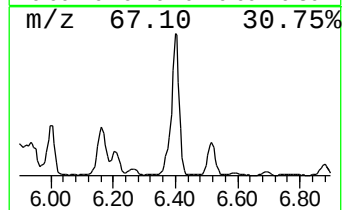
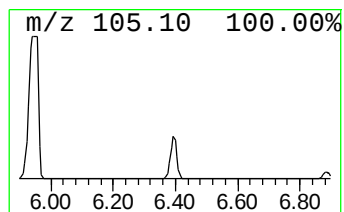
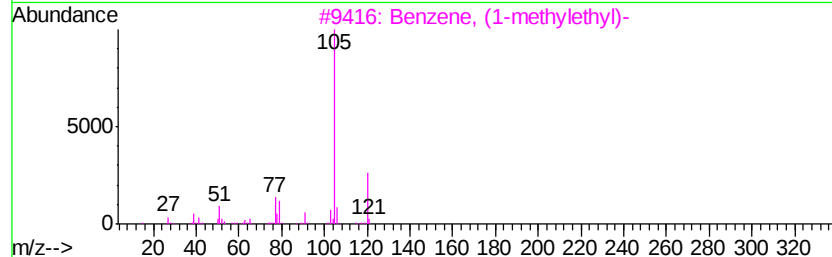
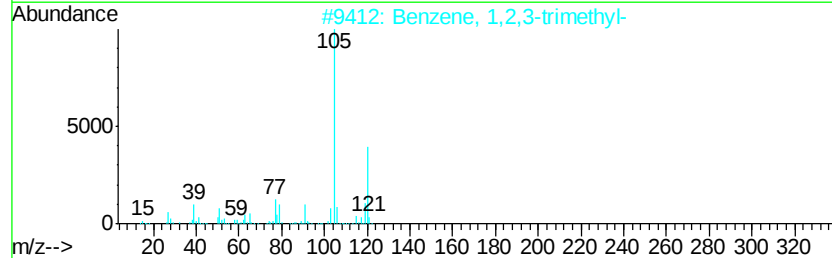
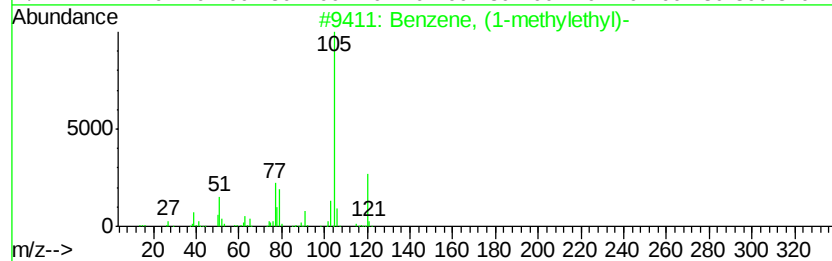
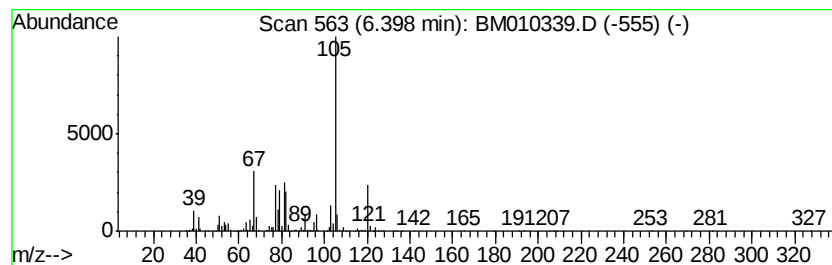
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, (1-methylethyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	21.06 ng/ul	17212200	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	52
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
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Sample : I3369-06
Misc :
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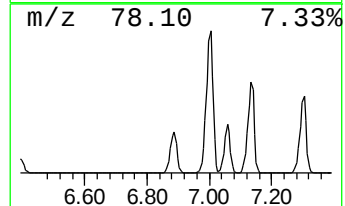
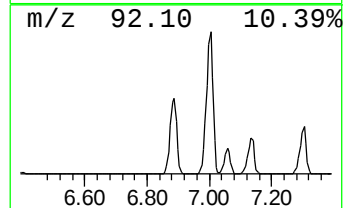
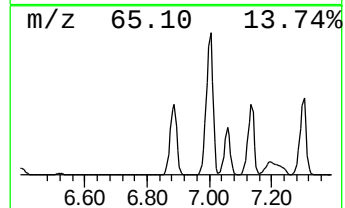
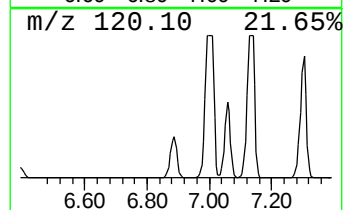
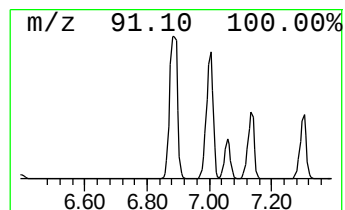
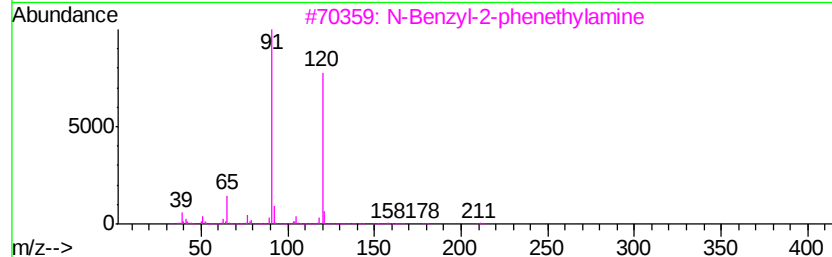
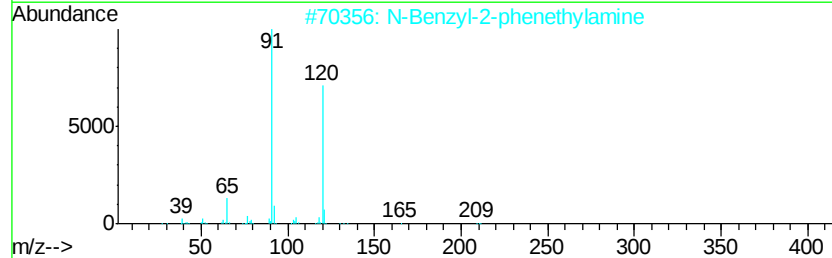
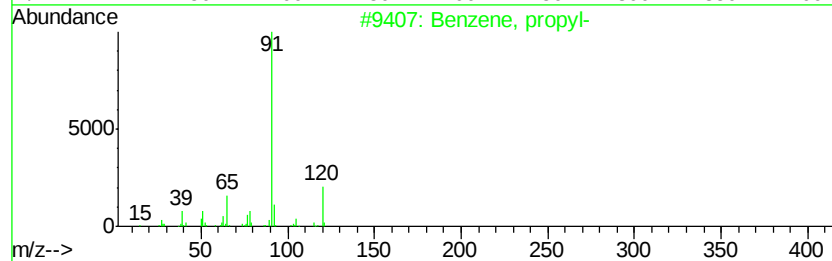
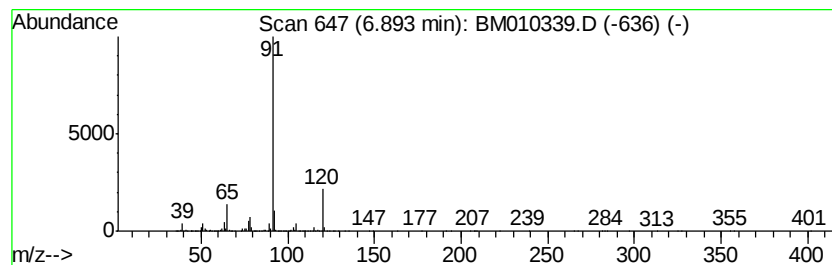
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	44.83 ng/ul	36634000	1,4-Dichlorobenzene-d4	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 94
2		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 86
3		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 78
4		Benzene, propyl-	120 C9H12	000103-65-1 72
5		Ethanol, 2-[(phenylmethyl)amino]-	151 C9H13NO	000104-63-2 64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
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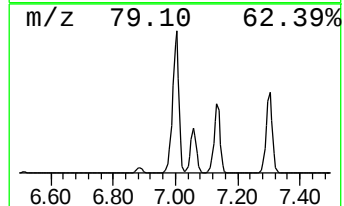
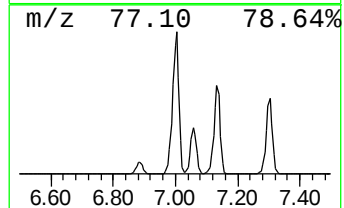
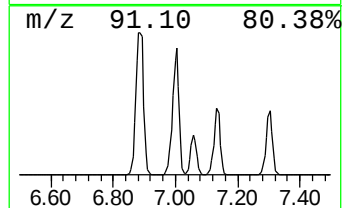
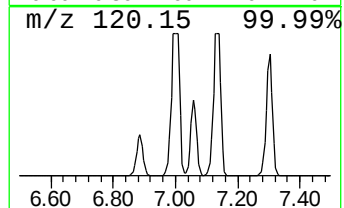
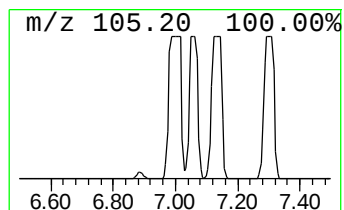
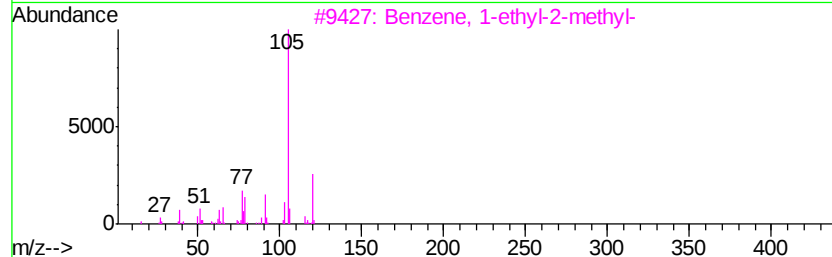
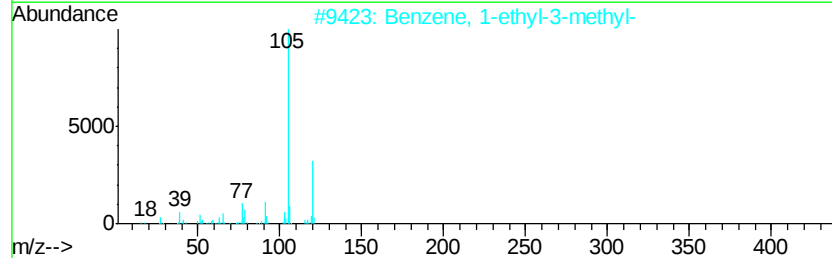
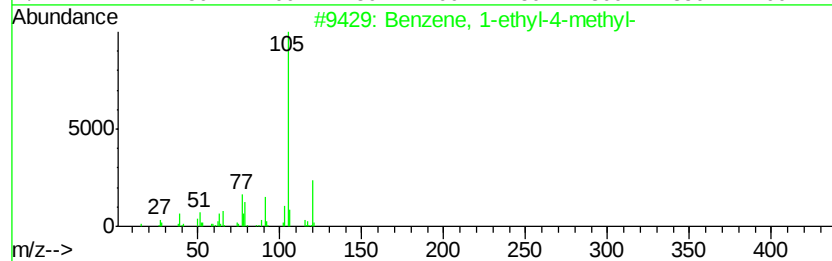
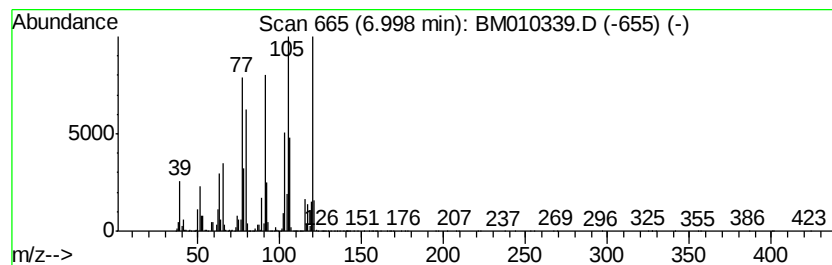
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	193.70 ng/ul	158283000	1,4-Dichlorobenzene-d4	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 87
2		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 87
3		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 74
4		Benzeneacetaldehyde	120 C8H8O	000122-78-1 55
5		2,3-Heptadien-5-yne, 2,4-dimethyl-	120 C9H12	041898-89-9 50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
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Sample : I3369-06
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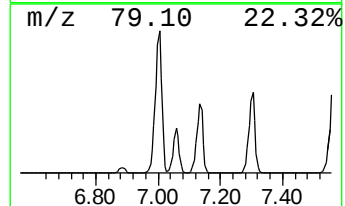
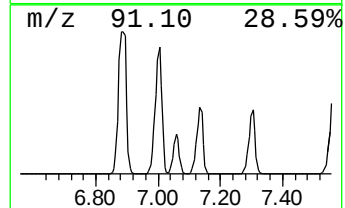
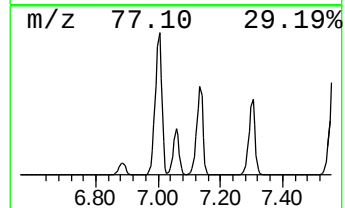
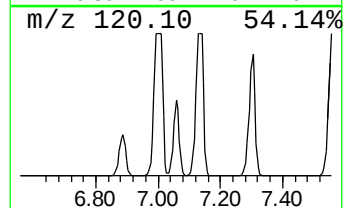
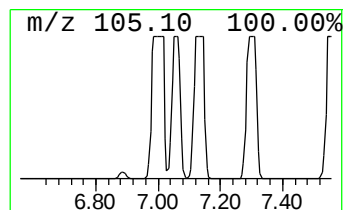
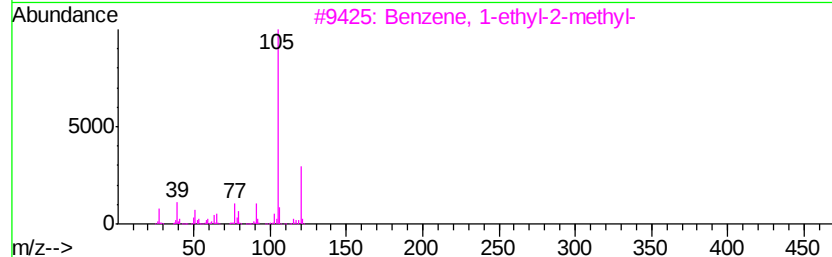
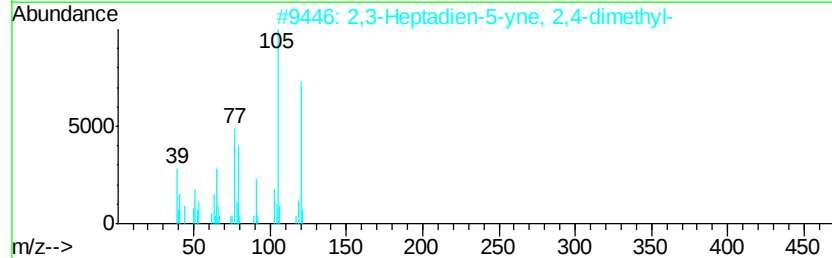
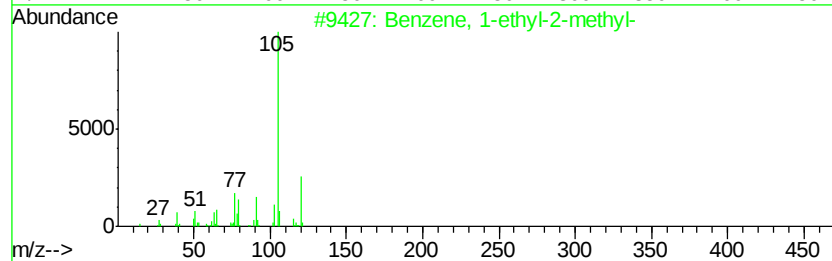
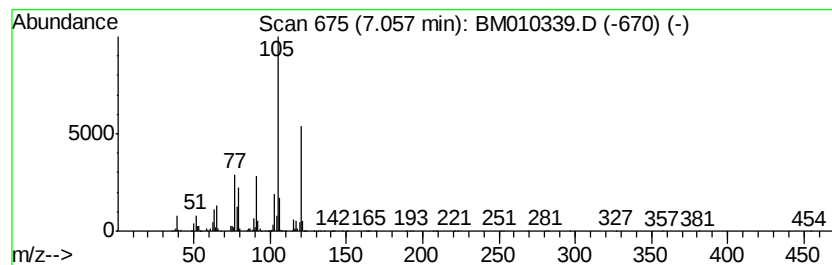
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	67.80 ng/ul	55404900	1,4-Dichlorobenzene-d4	7.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	93
2	2,3-Heptadien-5-yne, 2,4-dimethyl-	120 C9H12	041898-89-9	87
3	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	81
5	Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
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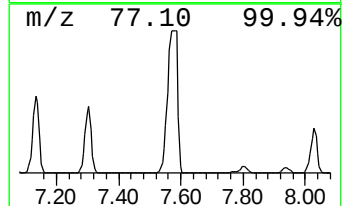
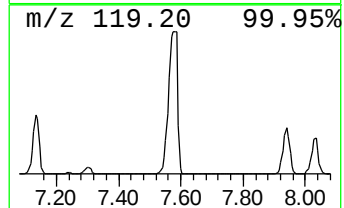
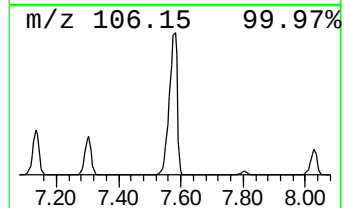
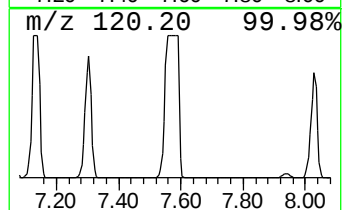
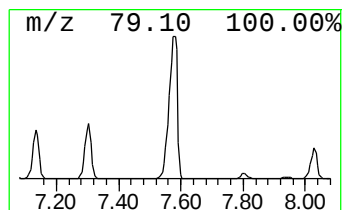
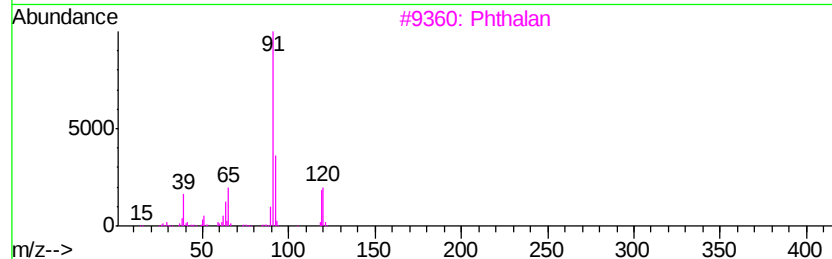
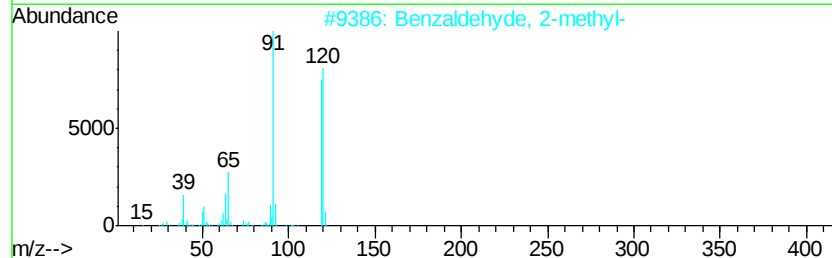
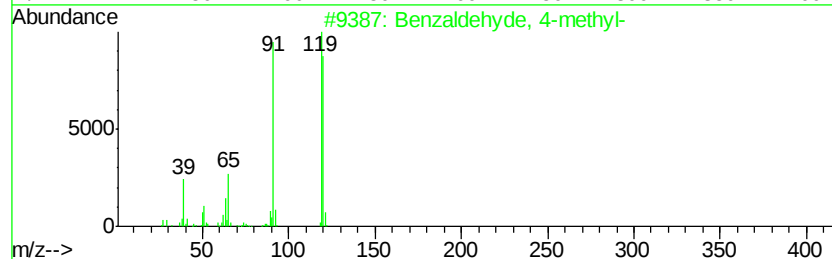
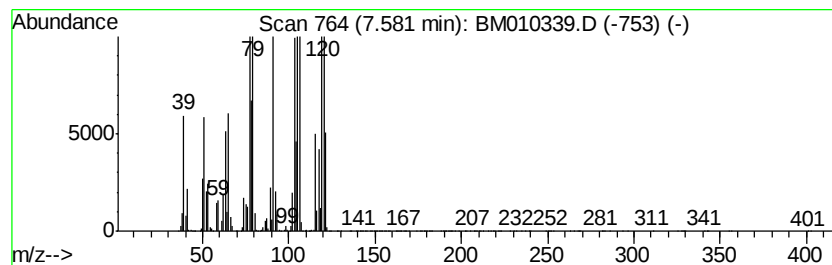
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzaldehyde, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	404.81 ng/ul	330798000	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	60
2		Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	60
3		Phthalan	120	C8H8O	000496-14-0	60
4		Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	60
5		Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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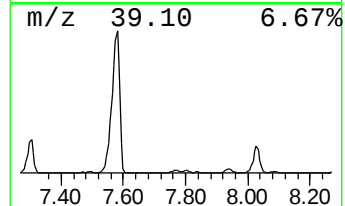
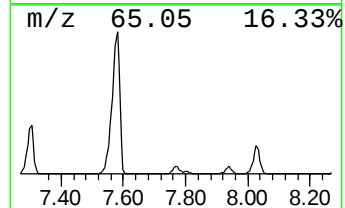
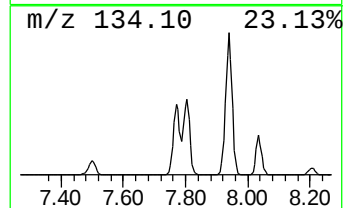
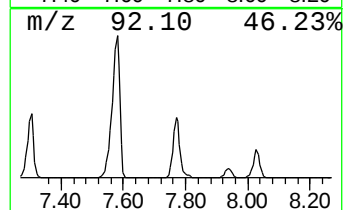
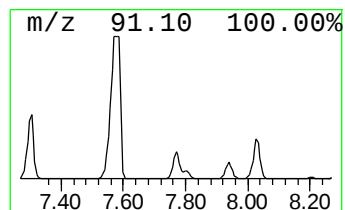
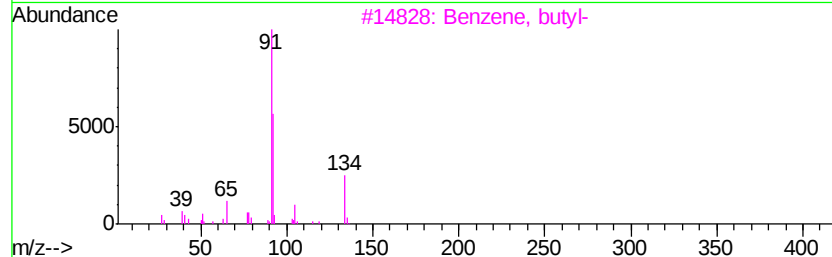
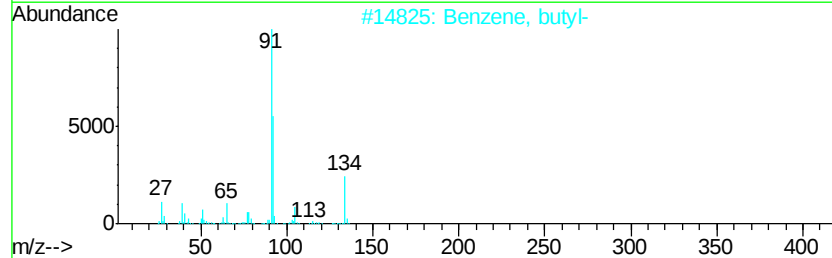
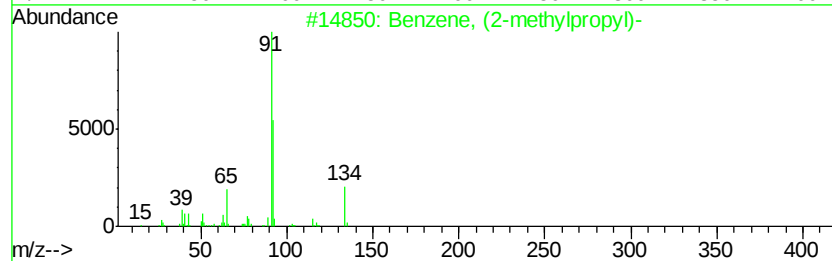
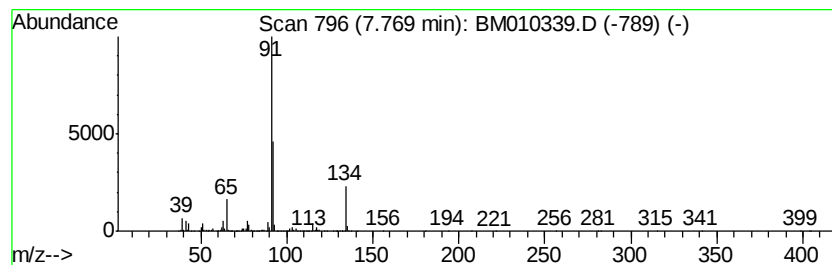
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzene, (2-methylpropyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	8.40 ng/ul	6867560	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	93
2		Benzene, butyl-	134	C10H14	000104-51-8	80
3		Benzene, butyl-	134	C10H14	000104-51-8	72
4		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58
5		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58



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Data File : BM010339.D
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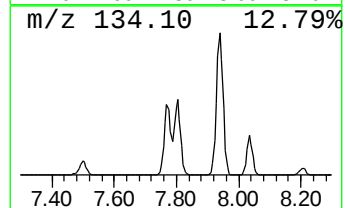
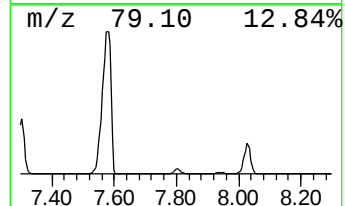
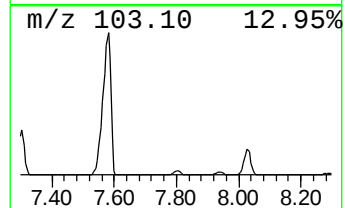
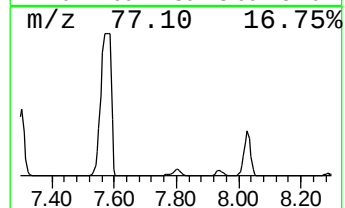
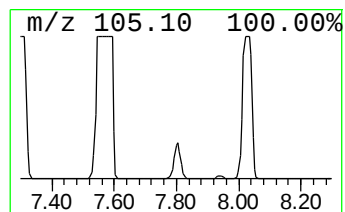
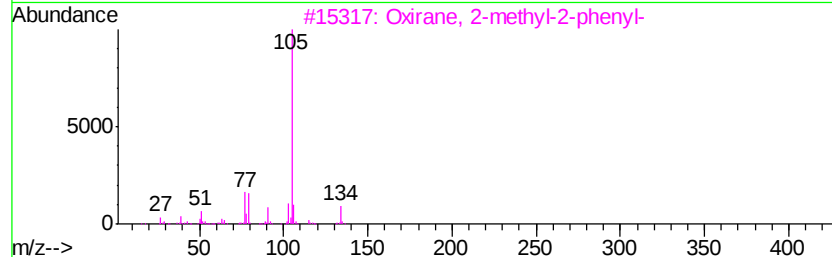
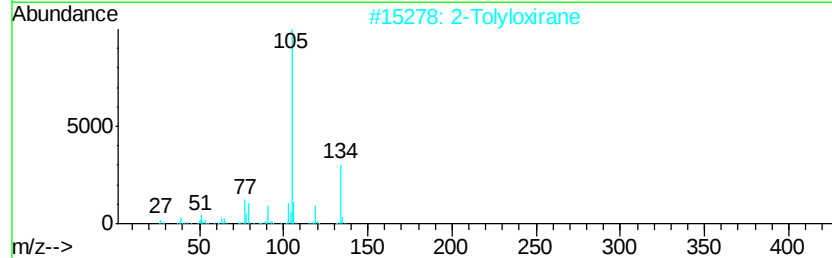
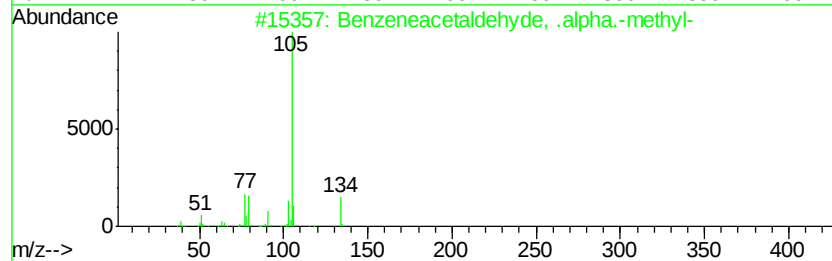
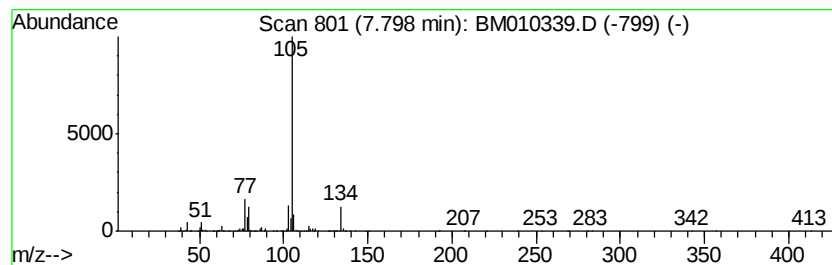
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzeneacetaldehyde, .alpha... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	8.24 ng/ul	6735250	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
2		2-Tolyloxirane	134	C9H10O	002783-26-8	78
3		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	78
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72



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Sample : I3369-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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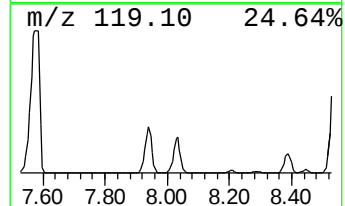
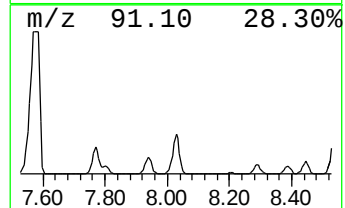
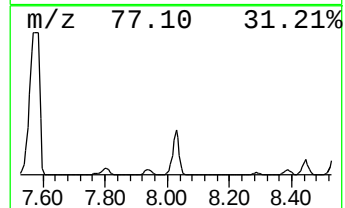
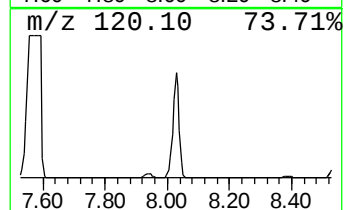
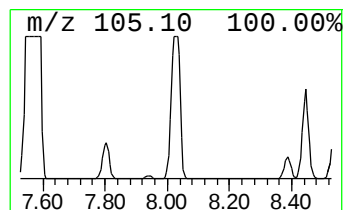
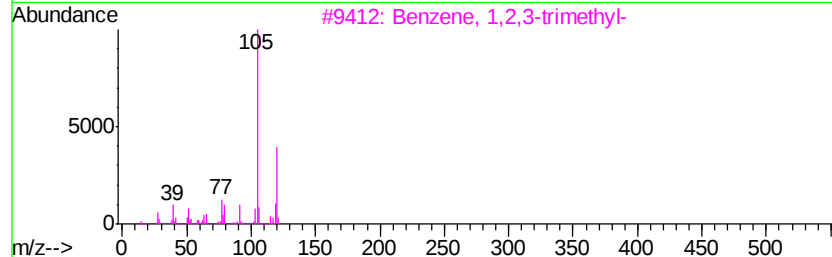
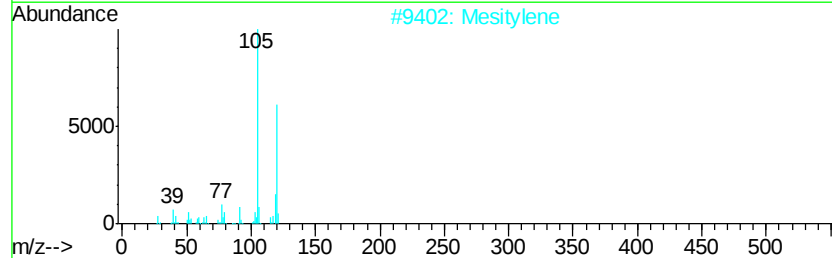
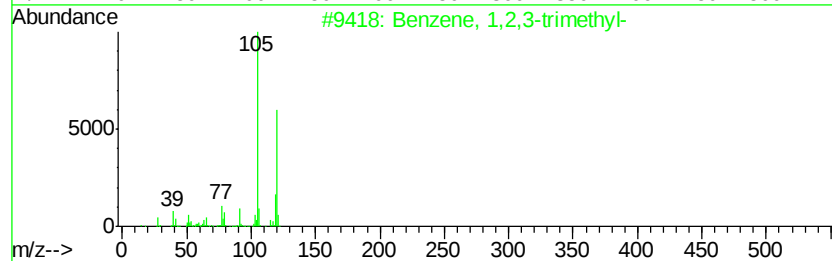
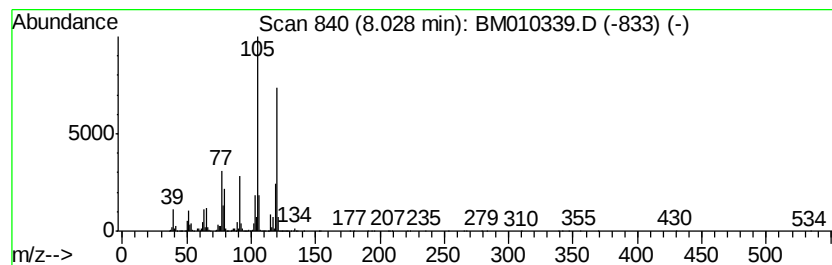
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	81.98 ng/ul	66993200	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Cyclohexene, 1-(1-propynyl)-	120	C9H12	001655-05-6	87
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



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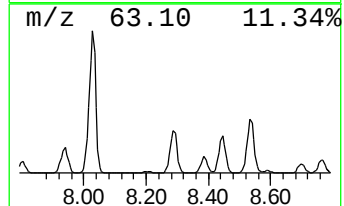
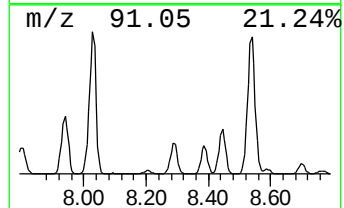
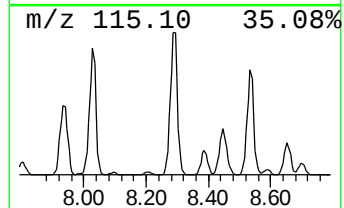
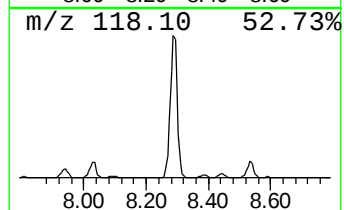
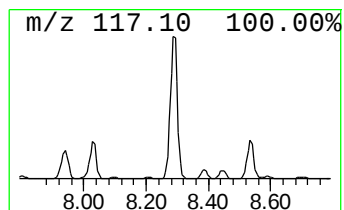
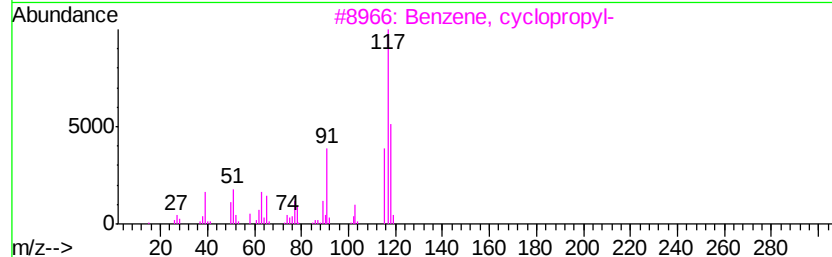
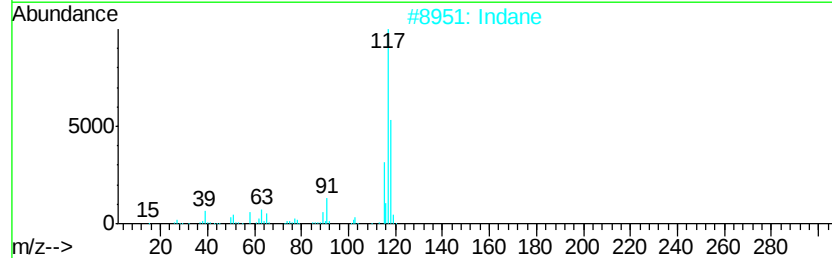
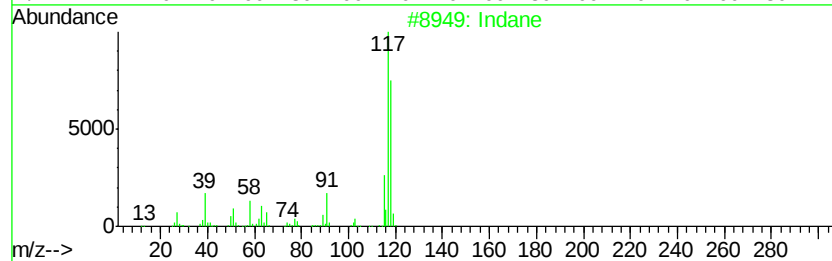
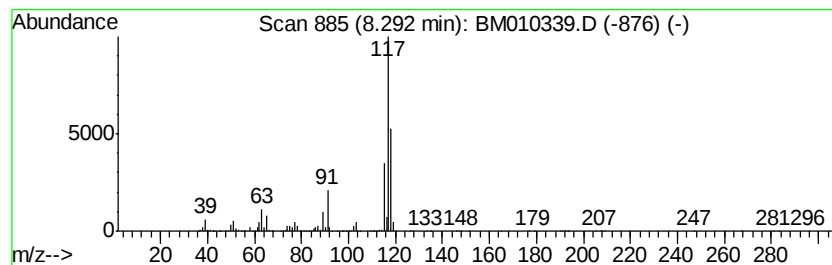
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Indane Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	15.02 ng/ul	12276200	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Indane	118	C9H10	000496-11-7	87
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5		Deltacyclene	118	C9H10	007785-10-6	58



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Data File : BM010339.D
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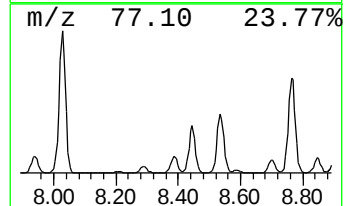
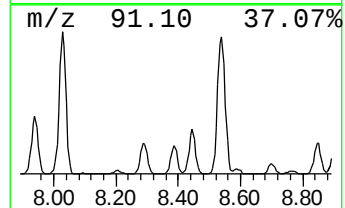
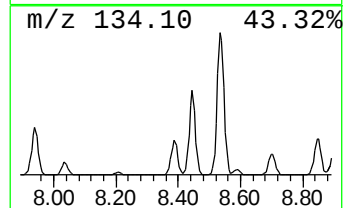
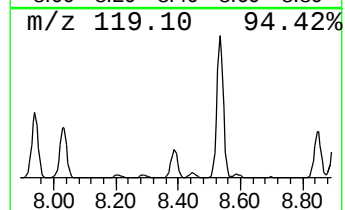
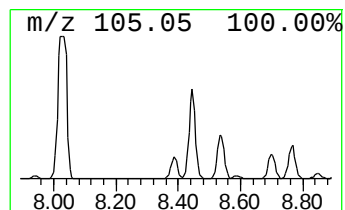
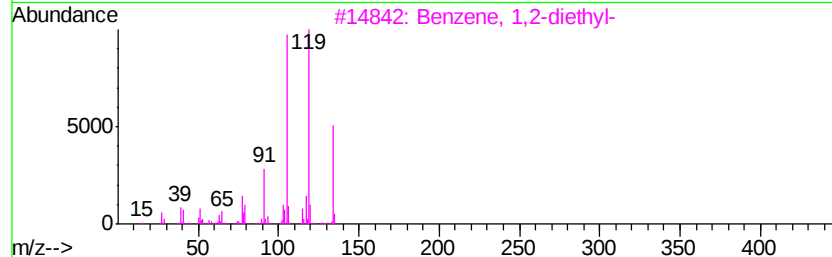
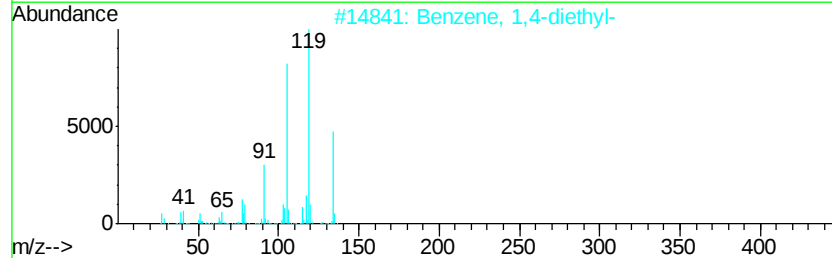
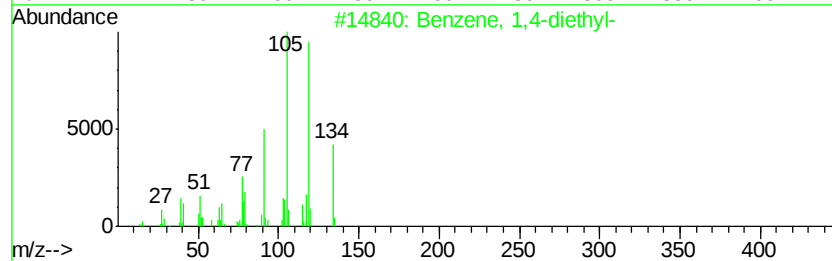
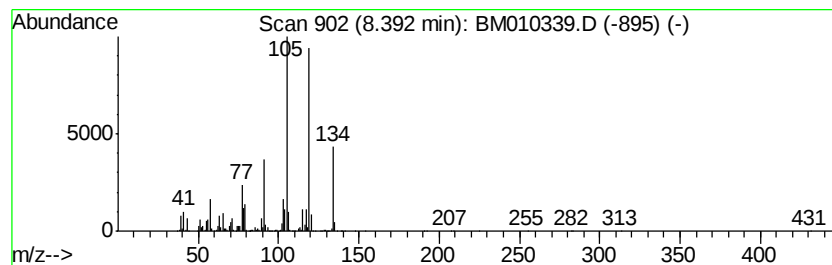
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzene, 1,4-diethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	12.39 ng/ul	10123600	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
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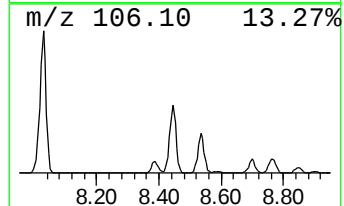
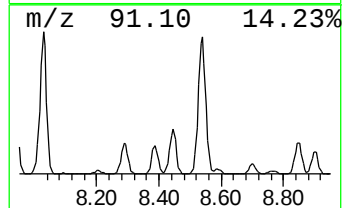
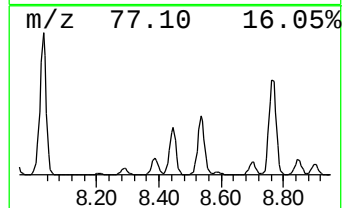
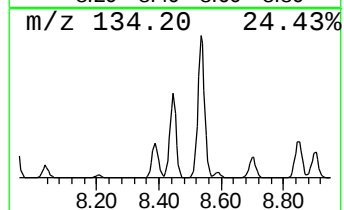
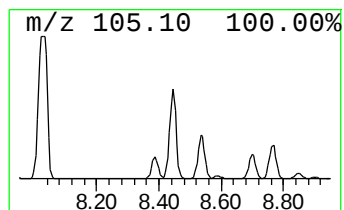
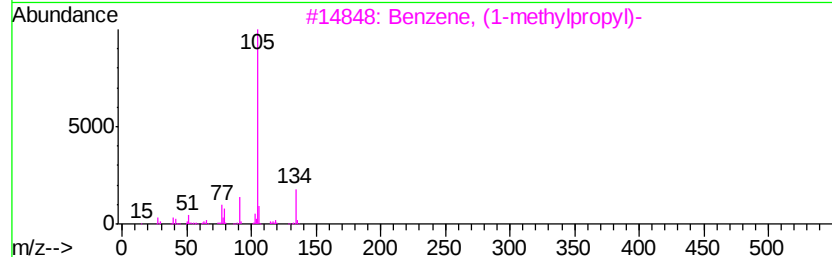
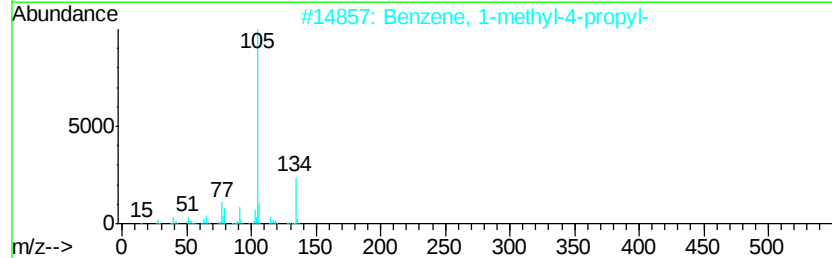
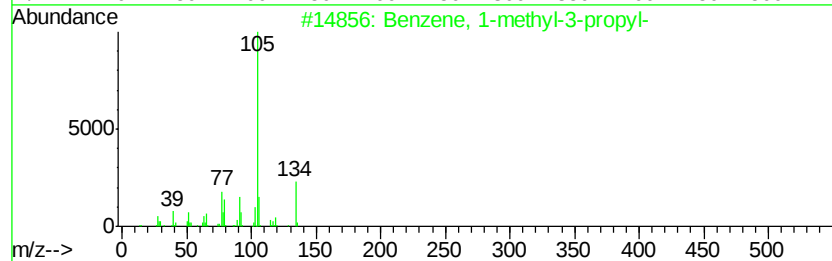
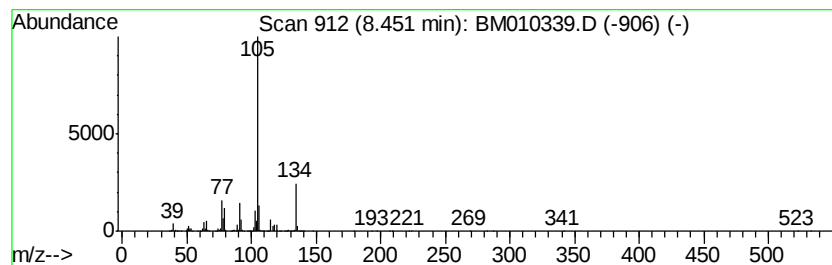
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Benzene, 1-methyl-3-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	25.35 ng/ul	20712900	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	97
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5		2-Tolyloxirane	134	C9H10O	002783-26-8	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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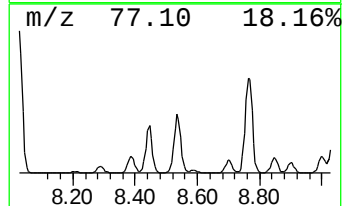
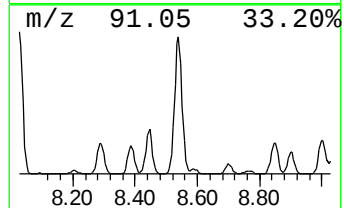
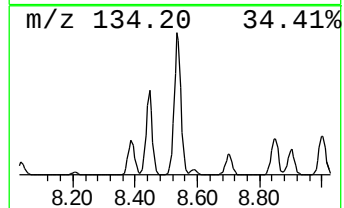
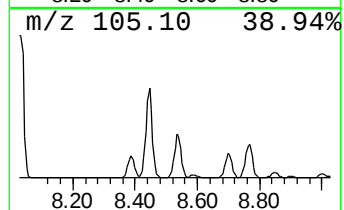
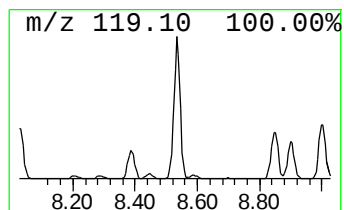
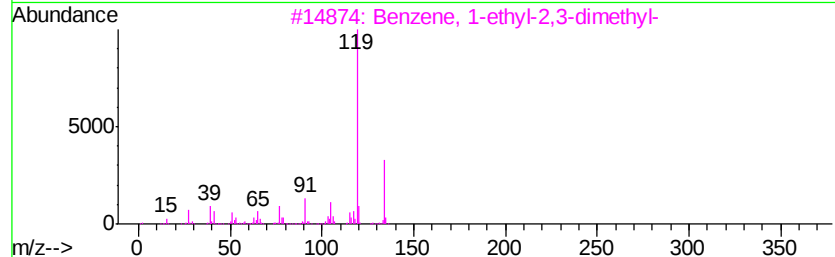
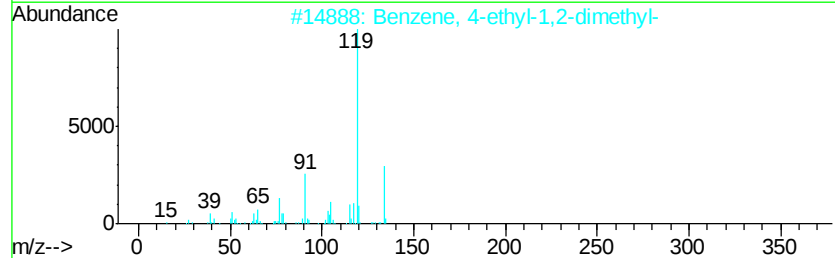
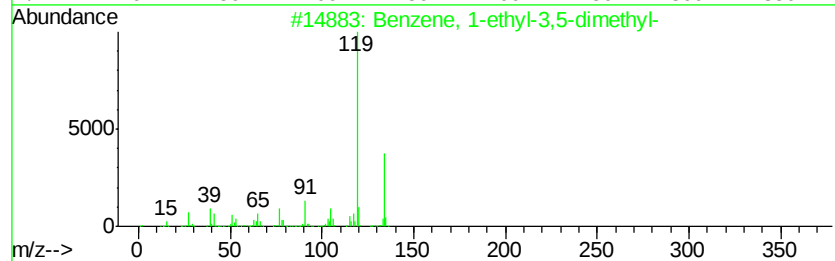
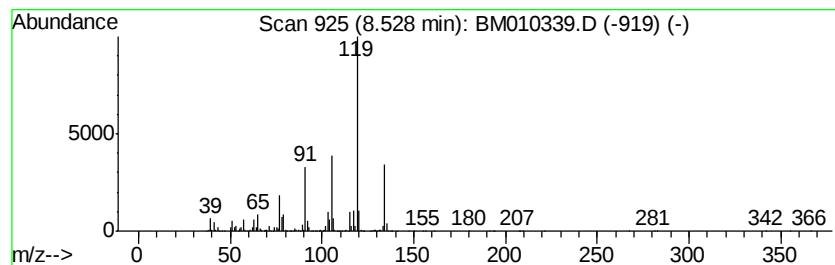
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	45.47 ng/ul	37156100	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

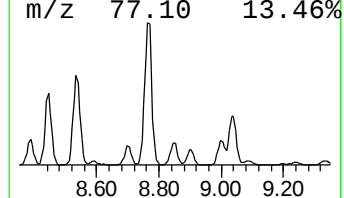
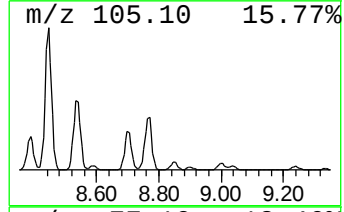
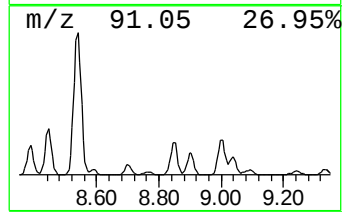
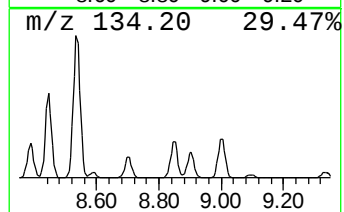
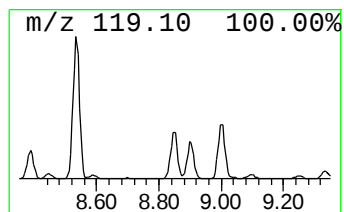
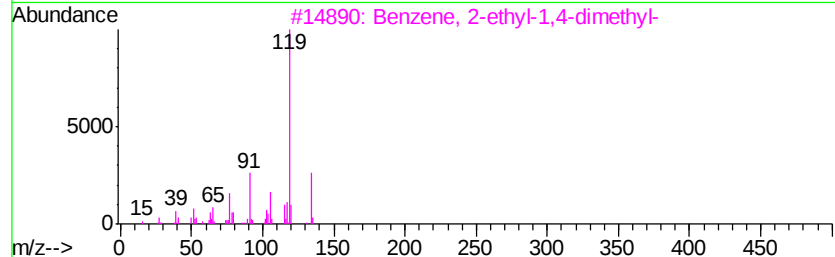
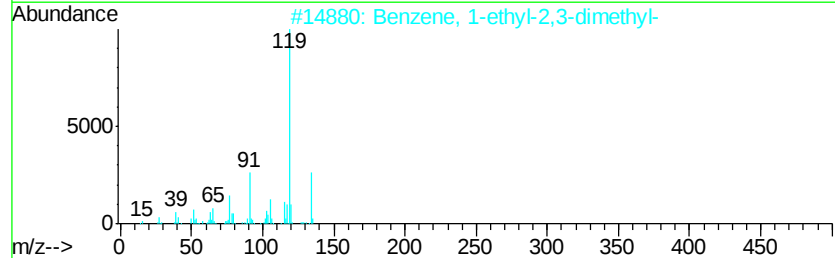
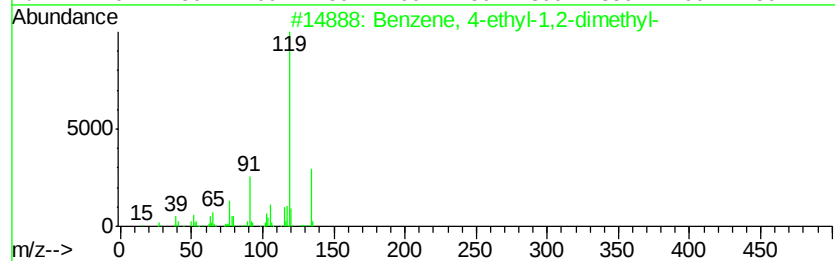
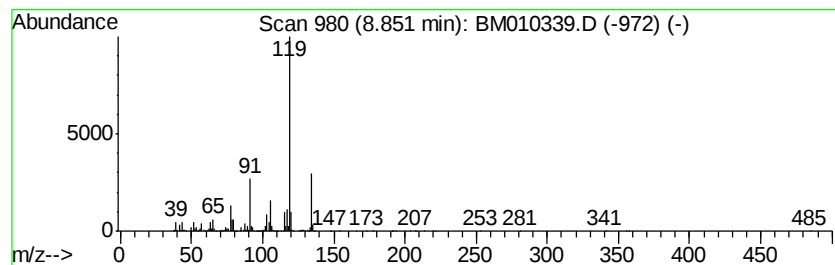
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	18.70 ng/ul	15277900	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3

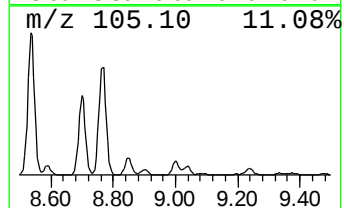
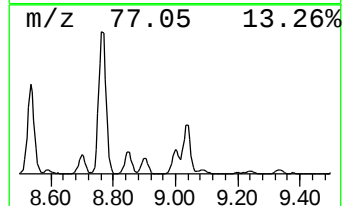
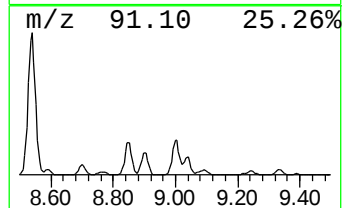
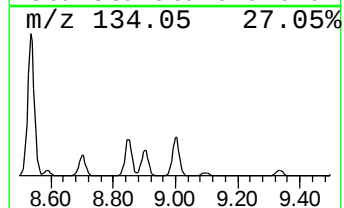
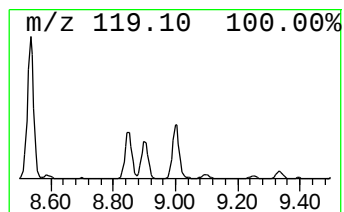
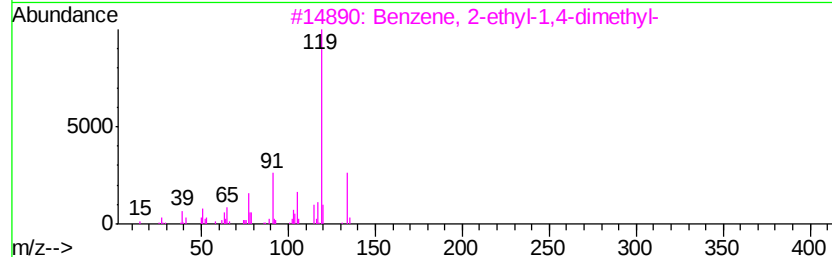
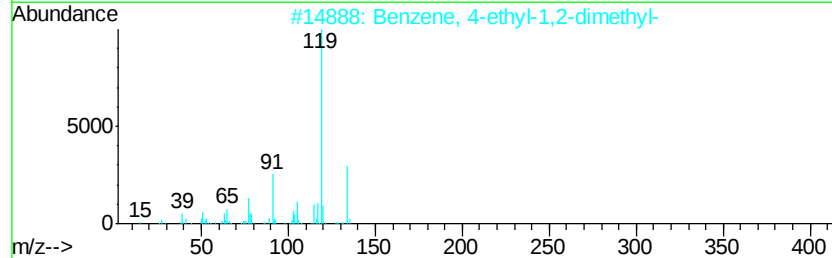
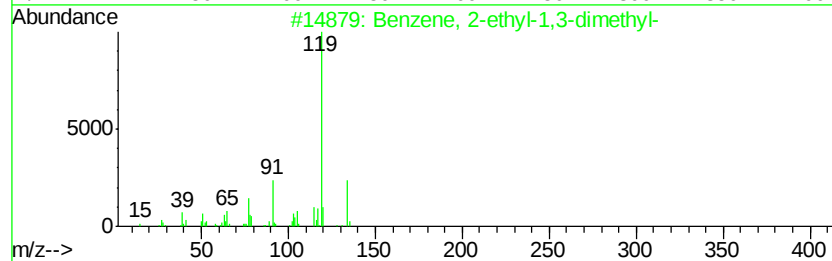
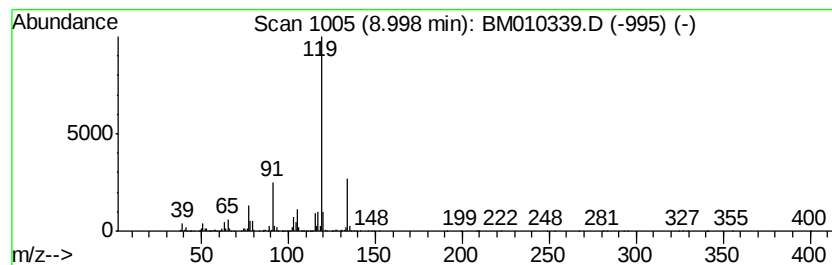
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	12.75 ng/ul	10417400	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010339.D
Acq On : 31 May 2017 19:32
Operator : SJ/MA
Sample : I3369-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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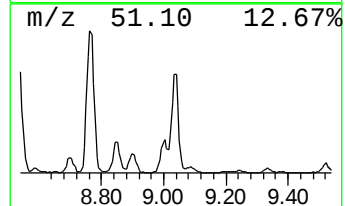
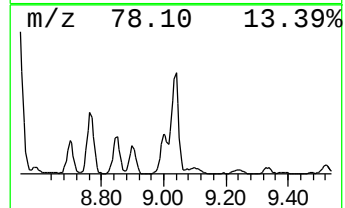
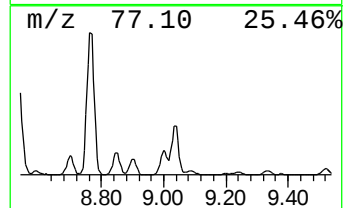
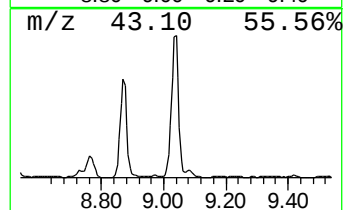
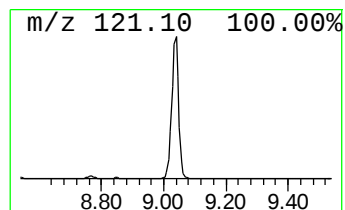
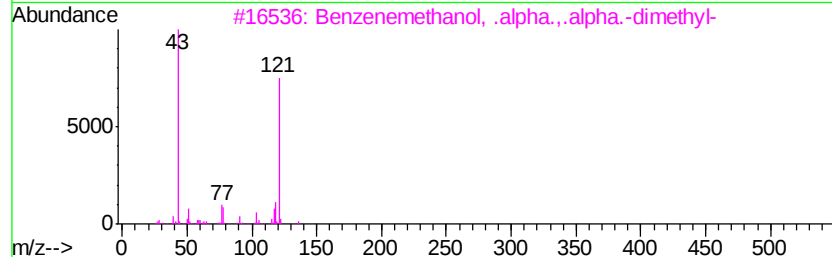
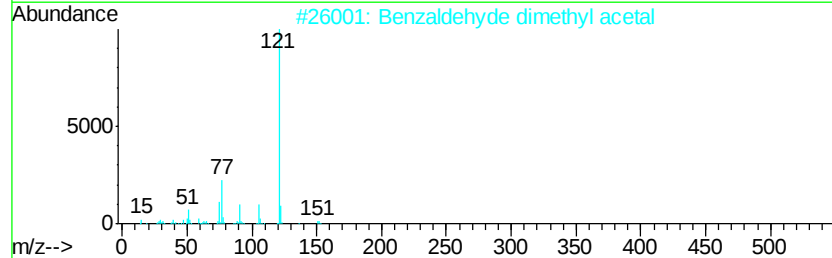
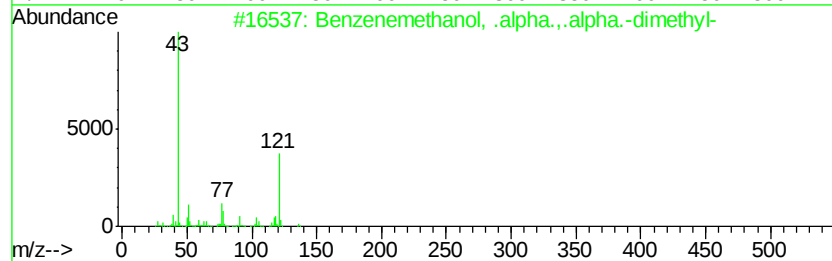
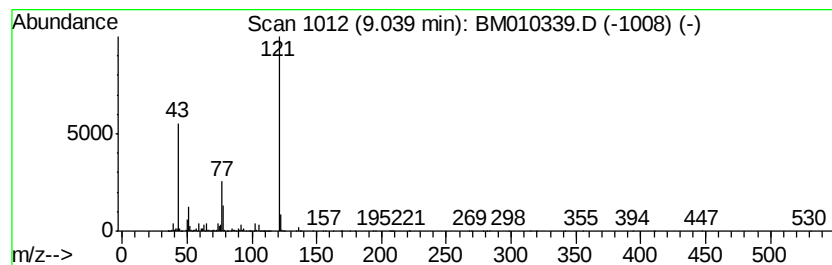
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzenemethanol, .alpha.,.a... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	12.76 ng/ul	10430600	1,4-Dichlorobenzene-d4	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	74
2		Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	72
3		Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	72
4		2,6-Xylidine	121	C8H11N	000087-62-7	64
5		Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010339.D
 Acq On : 31 May 2017 19:32
 Operator : SJ/MA
 Sample : I3369-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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
Acetic acid, buty...	4.61	91.8	ng/ul	75026500	1	7.93	16343300	20.0
(DEL) Alkane: Cyc...	4.98	21.8	ng/ul	17824400	1	7.93	16343300	20.0
(DEL) Alkane: Cyc...	5.09	33.4	ng/ul	27330100	1	7.93	16343300	20.0
Benzene, 1-chloro...	5.29	120.7	ng/ul	98636900	1	7.93	16343300	20.0
unknown-01	5.36	203.2	ng/ul	166015000	1	7.93	16343300	20.0
3,5-Octadiyne	5.43	175.7	ng/ul	143540000	1	7.93	16343300	20.0
1,5-Hexadien-3-yn...	5.58	650.8	ng/ul	531787000	1	7.93	16343300	20.0
(DEL) Alkane: Cyc...	5.70	26.4	ng/ul	21557300	1	7.93	16343300	20.0
2-Heptanone	5.79	235.1	ng/ul	192085000	1	7.93	16343300	20.0
(DEL) Alkane: Cyc...	5.85	22.7	ng/ul	18585400	1	7.93	16343300	20.0
(DEL) Alkane: Str...	5.90	30.1	ng/ul	24604500	1	7.93	16343300	20.0
unknown-02	6.00	12.7	ng/ul	10382000	1	7.93	16343300	20.0
(DEL) Alkane: Cyc...	6.16	20.1	ng/ul	16424300	1	7.93	16343300	20.0
Benzene, (1-methy...	6.40	21.1	ng/ul	17212200	1	7.93	16343300	20.0
Benzene, propyl-	6.89	44.8	ng/ul	36634000	1	7.93	16343300	20.0
Benzene, 1-ethyl-...	7.00	193.7	ng/ul	158283000	1	7.93	16343300	20.0
Benzene, 1-ethyl-...	7.06	67.8	ng/ul	55404900	1	7.93	16343300	20.0
Benzaldehyde, 4-m...	7.58	404.8	ng/ul	330798000	1	7.93	16343300	20.0
Benzene, (2-methy...	7.77	8.4	ng/ul	6867560	1	7.93	16343300	20.0
Benzeneacetaldehy...	7.80	8.2	ng/ul	6735250	1	7.93	16343300	20.0
Benzene, 1,2,3-tr...	8.03	82.0	ng/ul	66993200	1	7.93	16343300	20.0
Indane	8.29	15.0	ng/ul	12276200	1	7.93	16343300	20.0
Benzene, 1,4-diet...	8.39	12.4	ng/ul	10123600	1	7.93	16343300	20.0
Benzene, 1-methyl...	8.45	25.4	ng/ul	20712900	1	7.93	16343300	20.0
Benzene, 1-ethyl-...	8.53	45.5	ng/ul	37156100	1	7.93	16343300	20.0
Benzene, 4-ethyl-...	8.85	18.7	ng/ul	15277900	1	7.93	16343300	20.0
Benzene, 2-ethyl-...	9.00	12.8	ng/ul	10417400	1	7.93	16343300	20.0
Benzenemethanol, ...	9.04	12.8	ng/ul	10430600	1	7.93	16343300	20.0