

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004637.D
 Acq On : 16 Mar 2016 15:39
 Operator : UM/SJ
 Sample : H1783-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

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\SOM02.2-EPA-BM031516.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	2.993	46	52	72	rBV	5457175	10907333	20.78%	5.465%
2	5.228	417	432	437	rBV	6999151	28100593	53.54%	14.081%
3	7.781	851	866	876	rBV2	6043457	26758382	50.98%	13.408%
4	7.981	876	900	904	rVV	7477656	44192170	84.20%	22.144%
5	8.328	932	959	963	rBV	7626651	52487416	100.00%	26.300%
6	9.057	1078	1083	1094	rVB	965983	1605130	3.06%	0.804%
7	9.345	1125	1132	1140	rVB	470900	775651	1.48%	0.389%
8	9.657	1180	1185	1191	rVB	327689	551421	1.05%	0.276%
9	10.257	1281	1287	1295	rBV	300740	535958	1.02%	0.269%
10	10.657	1349	1355	1362	rBV	376059	562282	1.07%	0.282%
11	11.051	1410	1422	1428	rBV	5769299	15109613	28.79%	7.571%
12	11.245	1446	1455	1465	rBV	1805636	3188802	6.08%	1.598%
13	11.451	1483	1490	1501	rVB	457233	777152	1.48%	0.389%
14	12.663	1692	1696	1706	rVB	369987	576449	1.10%	0.289%
15	13.275	1793	1800	1807	rVB	1184798	1872747	3.57%	0.938%
16	13.886	1894	1904	1909	rBV	592130	1080806	2.06%	0.542%
17	14.169	1946	1952	1961	rBV	664879	990620	1.89%	0.496%
18	14.480	1998	2005	2013	rBV2	449018	692096	1.32%	0.347%
19	15.469	2165	2173	2186	rBV	858635	1259531	2.40%	0.631%
20	17.221	2465	2471	2477	rBV	556860	790676	1.51%	0.396%
21	17.321	2481	2488	2500	rBV	918723	1347092	2.57%	0.675%
22	19.609	2871	2877	2884	rBV	1127219	1633713	3.11%	0.819%
23	21.403	3177	3182	3188	rBV	793997	1021964	1.95%	0.512%
24	23.556	3541	3548	3561	rVB	892109	1750064	3.33%	0.877%
25	23.703	3566	3573	3585	rVB2	523262	1003087	1.91%	0.503%

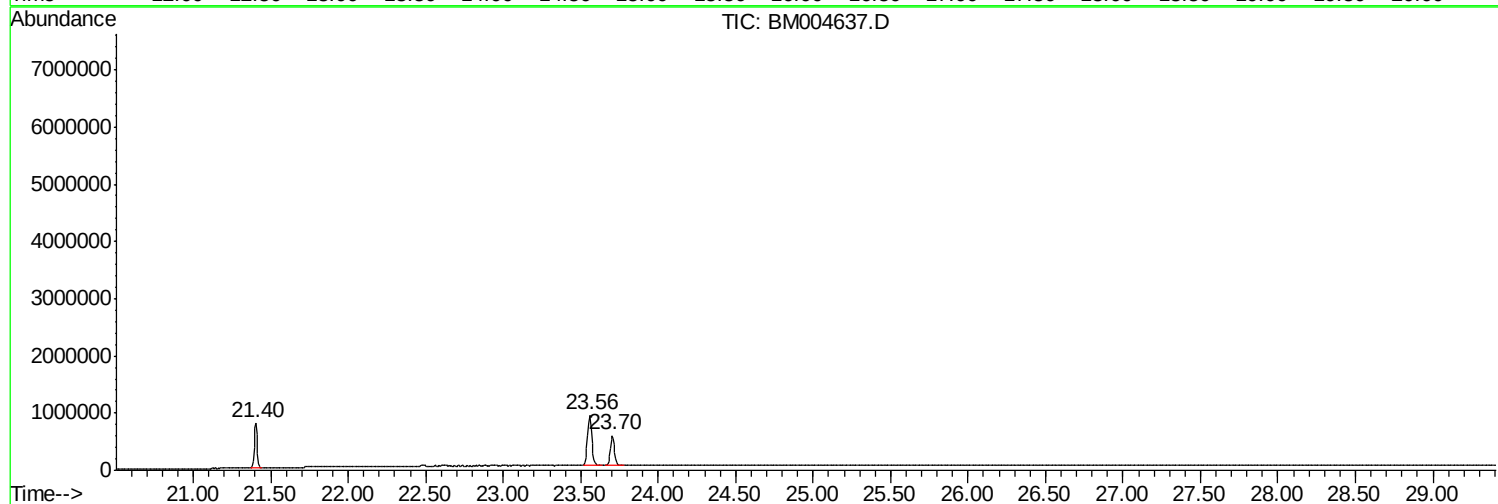
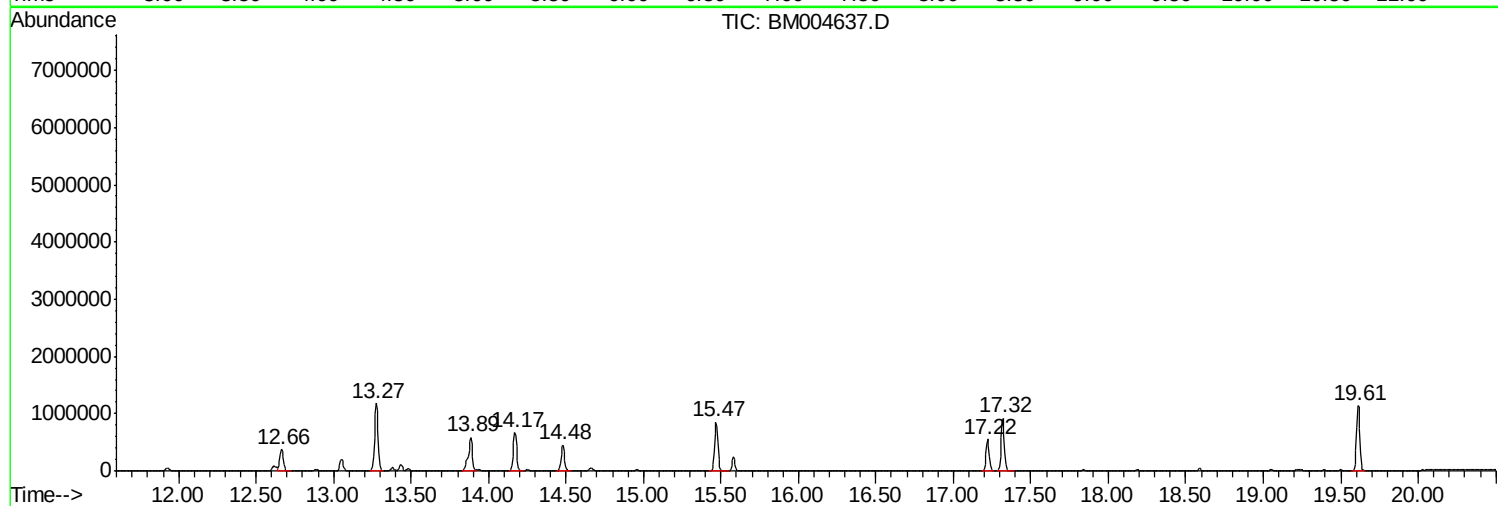
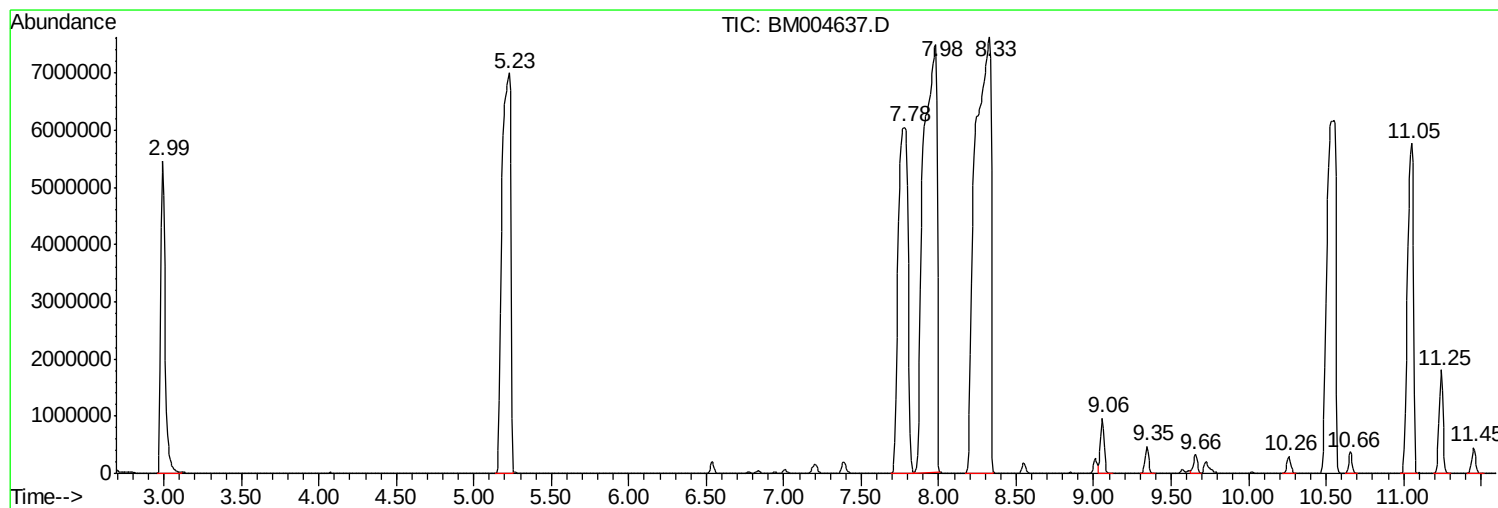
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Instrument :
BNA_M
ClientSampled :
C0AA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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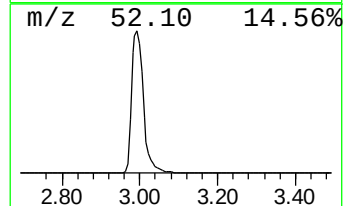
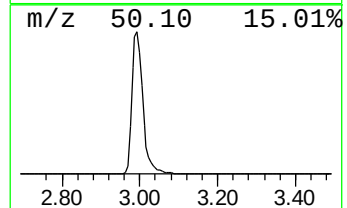
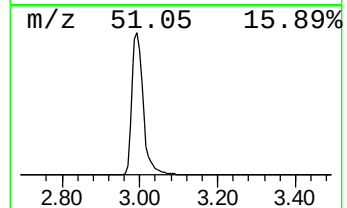
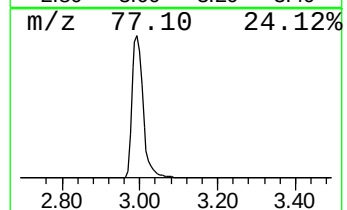
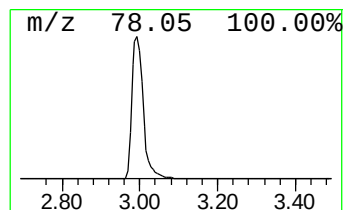
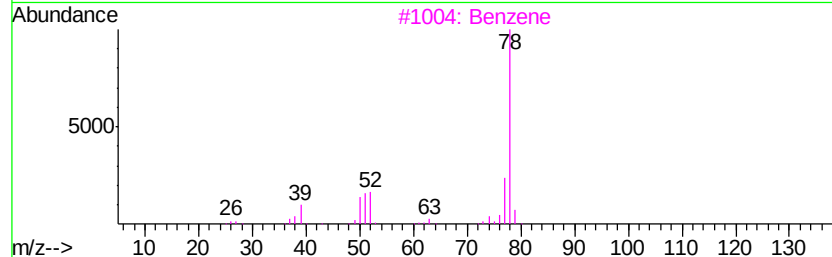
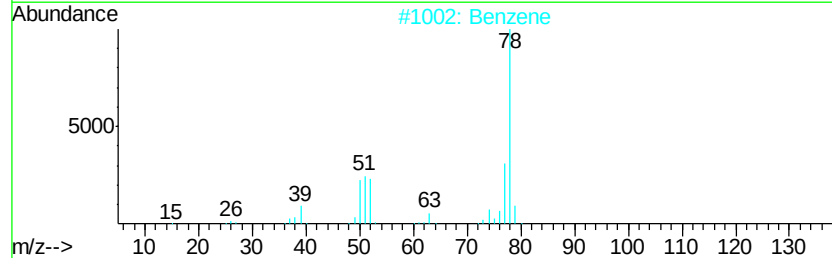
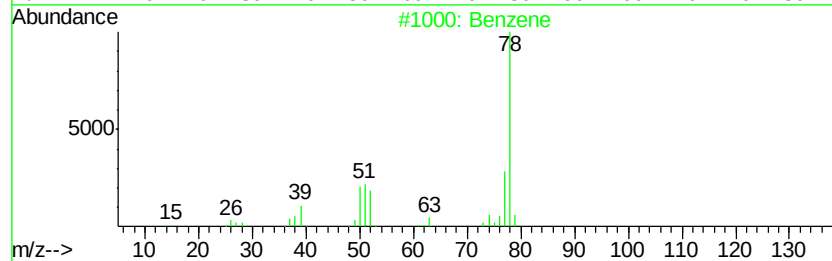
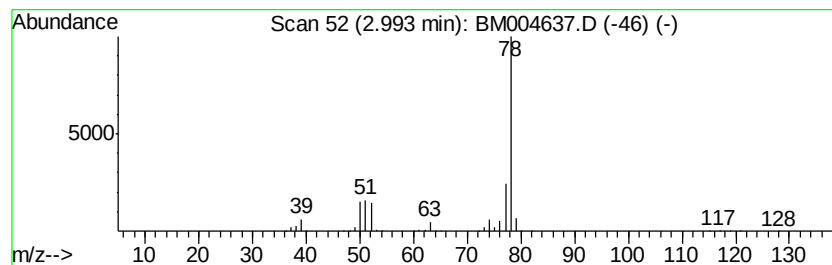
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	8.15 ng/ul	10907300	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene			78	C6H6	000071-43-2	95
2	Benzene			78	C6H6	000071-43-2	95
3	Benzene			78	C6H6	000071-43-2	91
4	Benzene			78	C6H6	000071-43-2	91
5	Benzene			78	C6H6	000071-43-2	91



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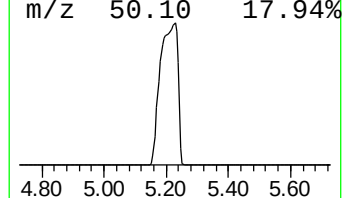
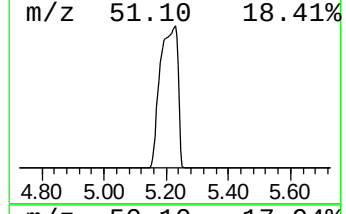
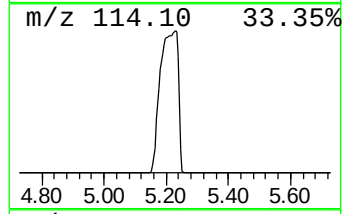
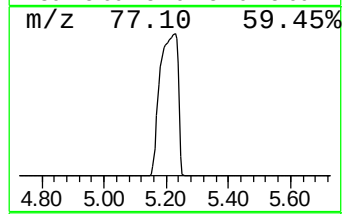
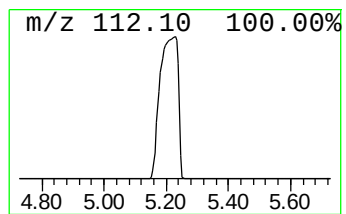
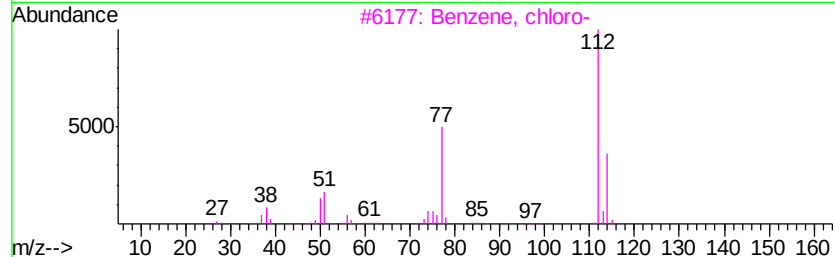
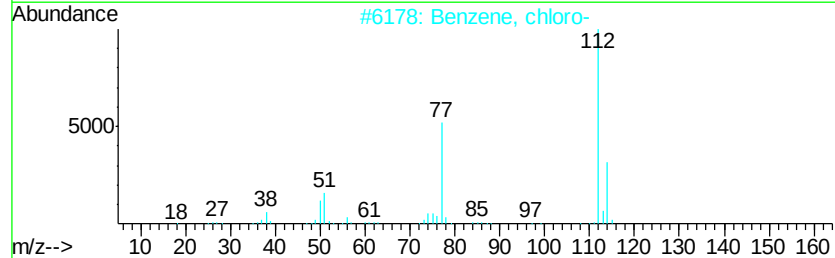
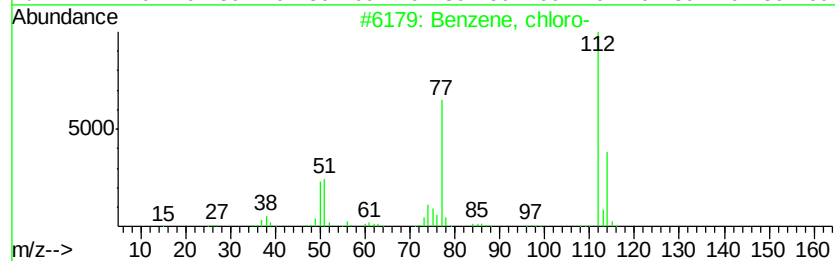
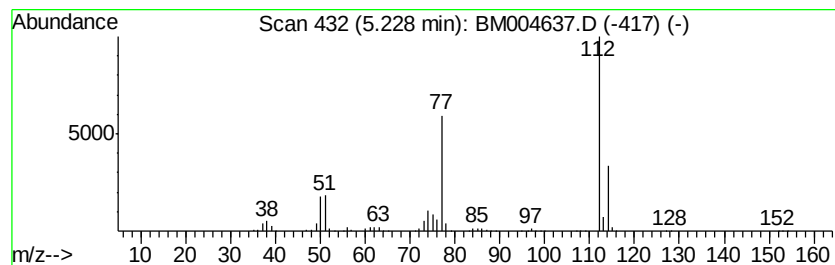
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	21.00 ng/ul	28100600	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2		Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5		Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35



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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

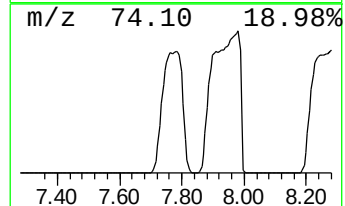
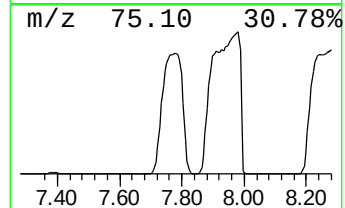
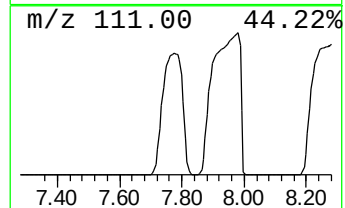
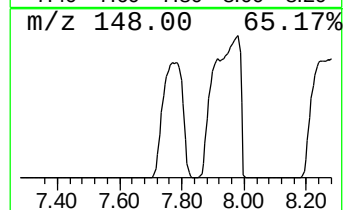
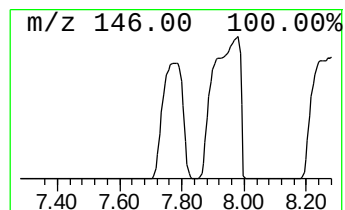
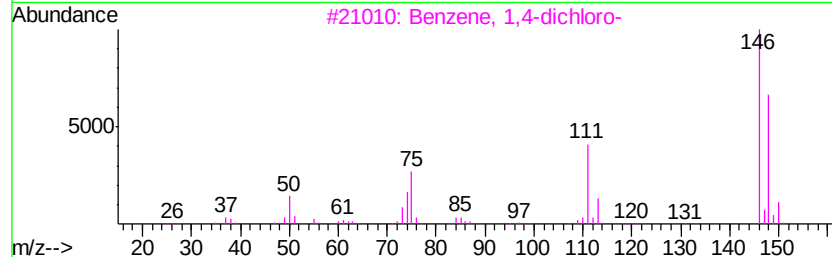
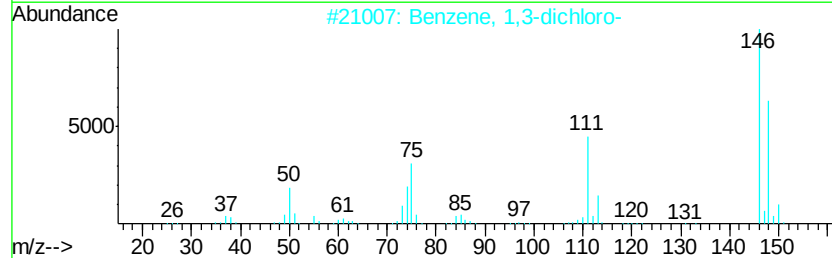
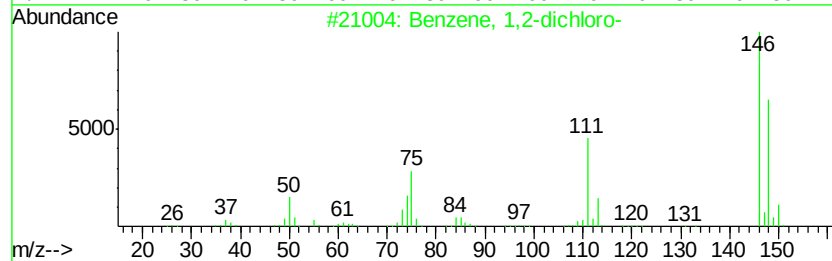
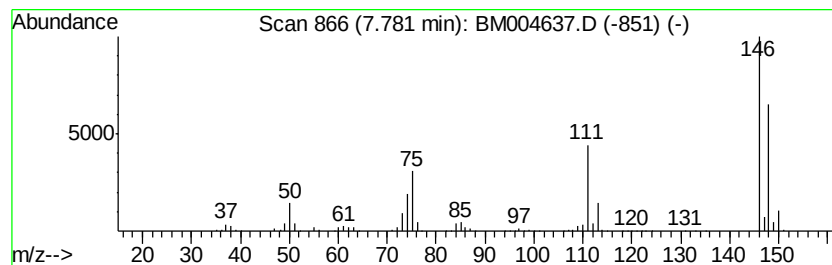
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	20.00 ng/ul	26758400	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96



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ALS Vial : 10 Sample Multiplier: 1

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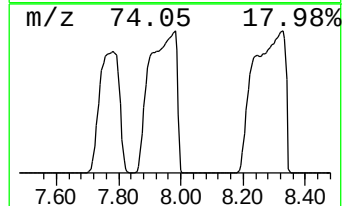
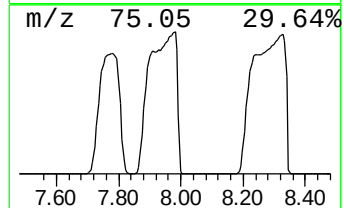
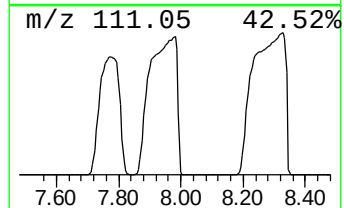
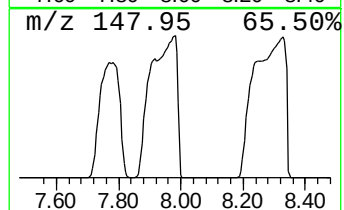
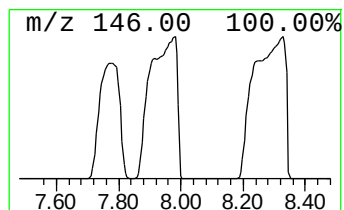
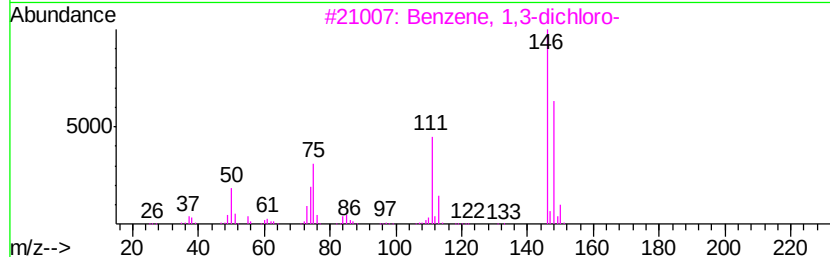
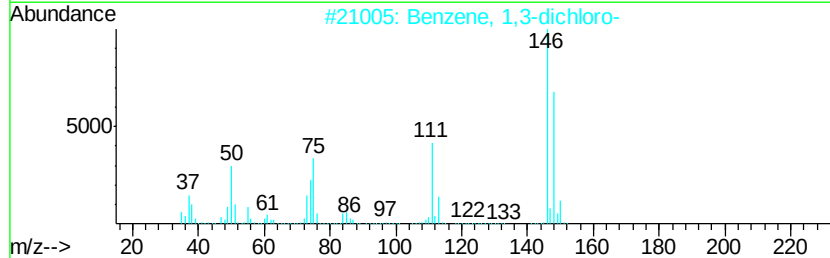
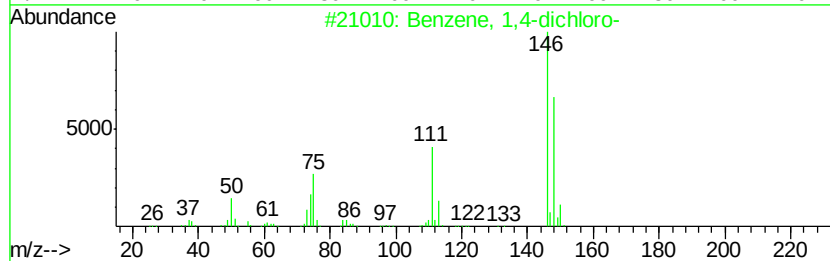
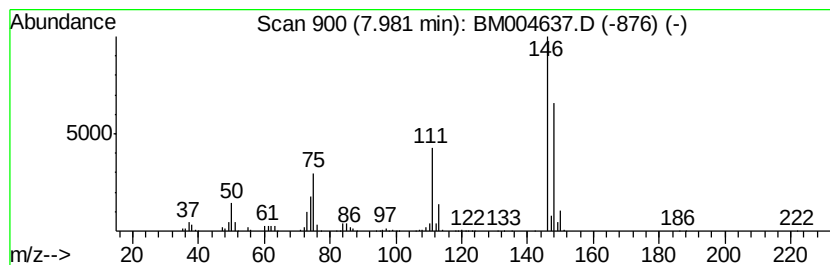
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	33.03 ng/ul	44192200	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97



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Instrument :
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ClientSampleId :
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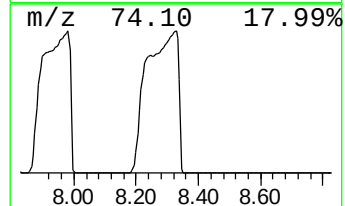
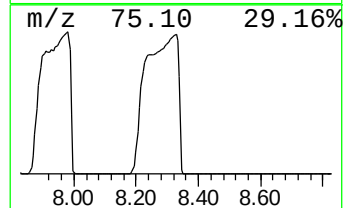
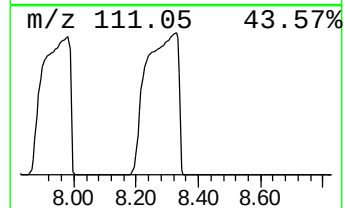
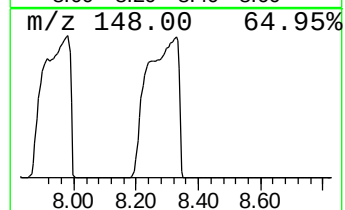
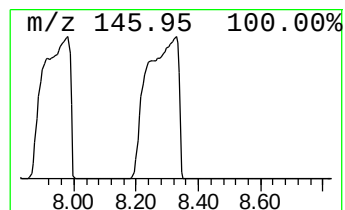
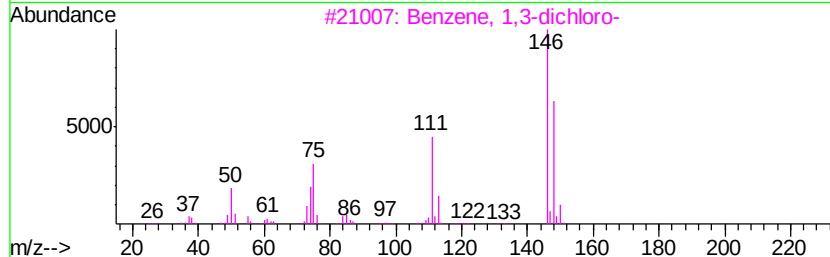
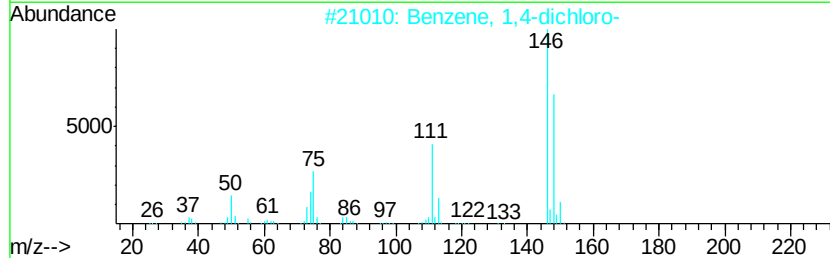
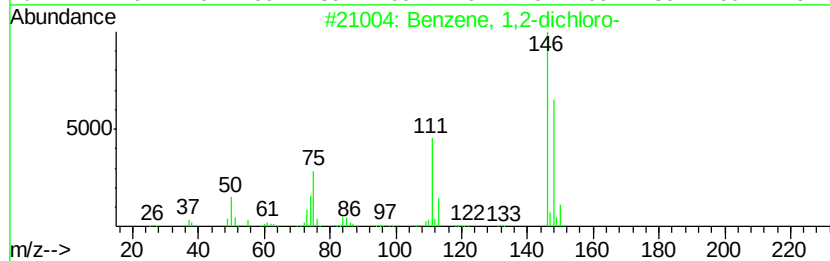
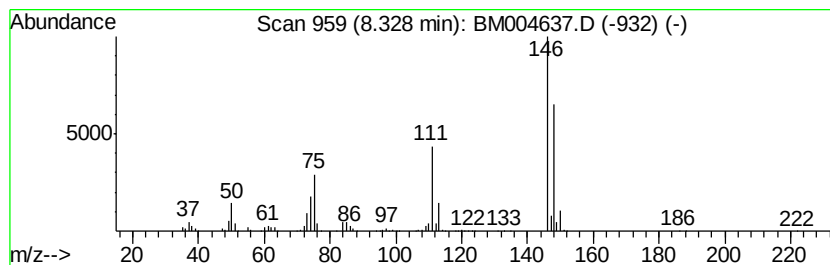
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1,3-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	39.23 ng/ul	52487400	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97



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Instrument :
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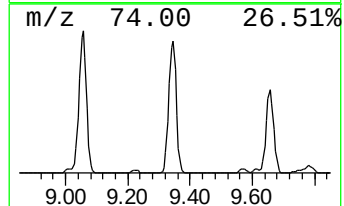
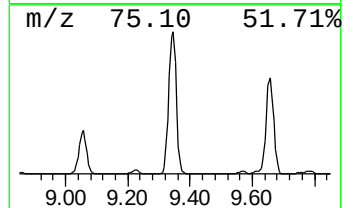
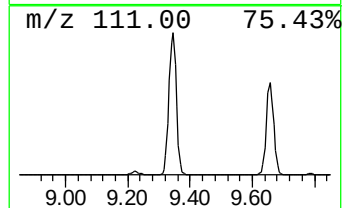
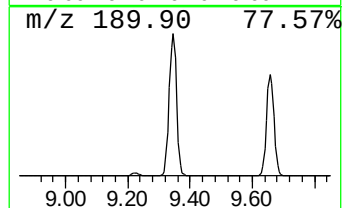
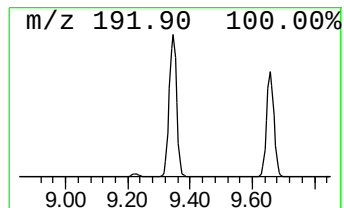
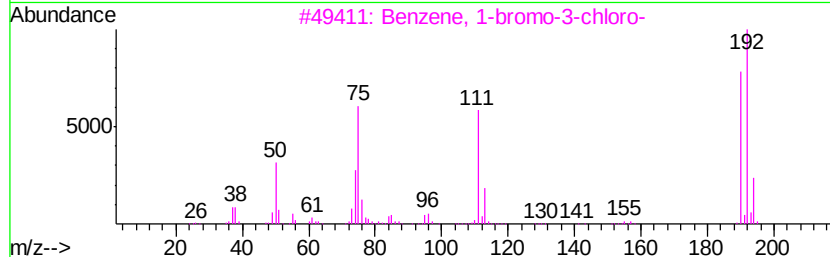
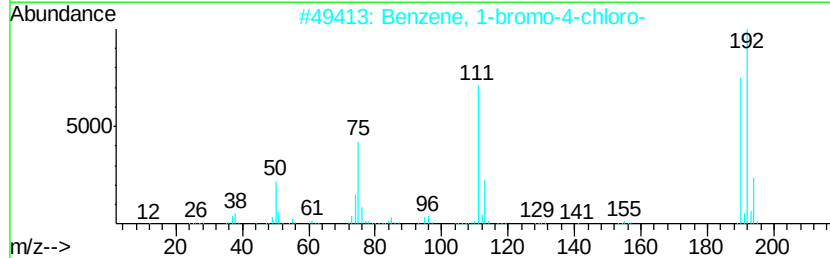
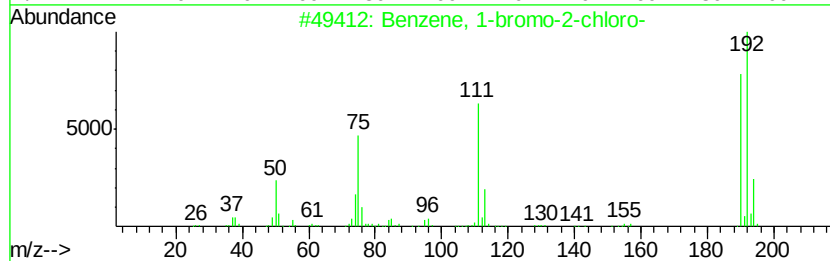
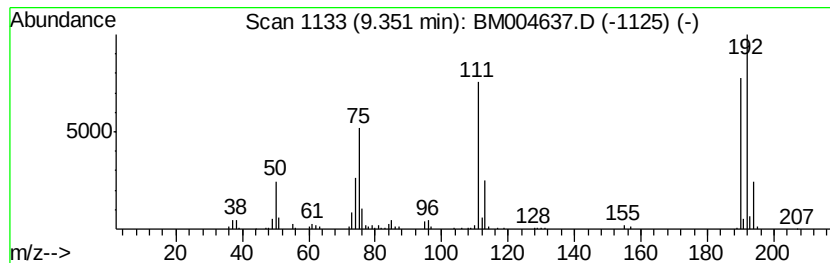
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	27.59 ng/ul	775651	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004637.D
Acq On : 16 Mar 2016 15:39
Operator : UM/SJ
Sample : H1783-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

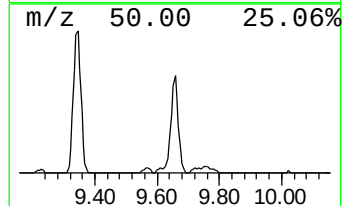
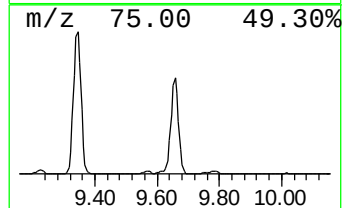
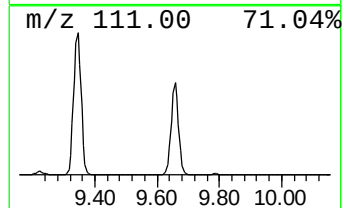
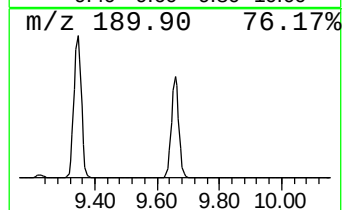
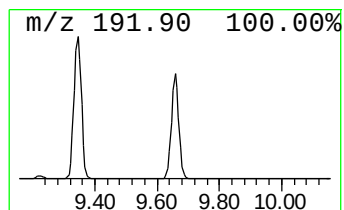
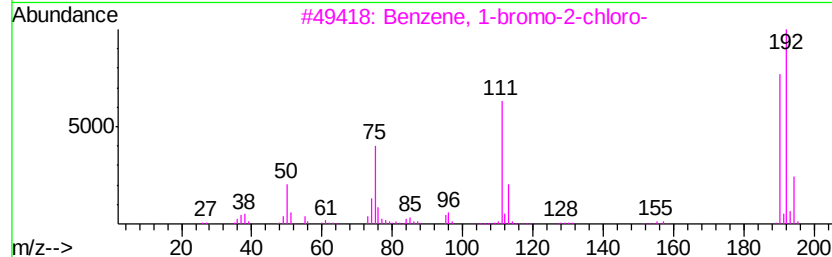
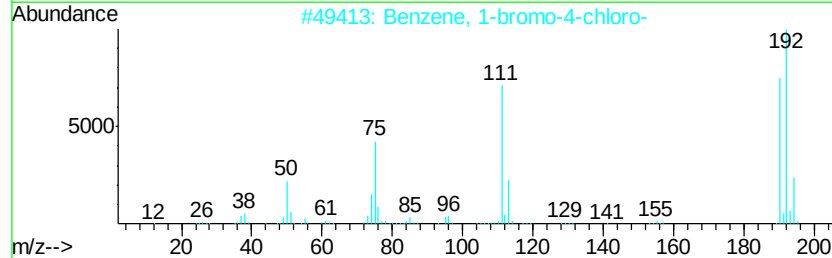
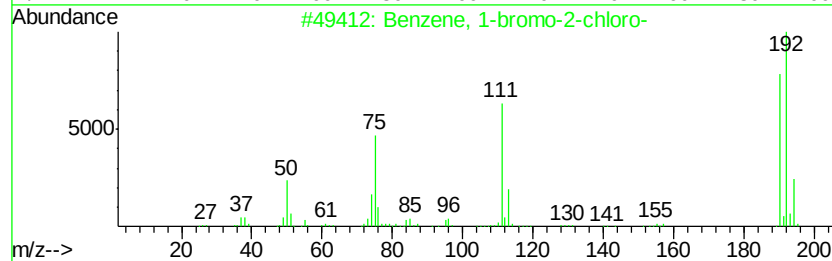
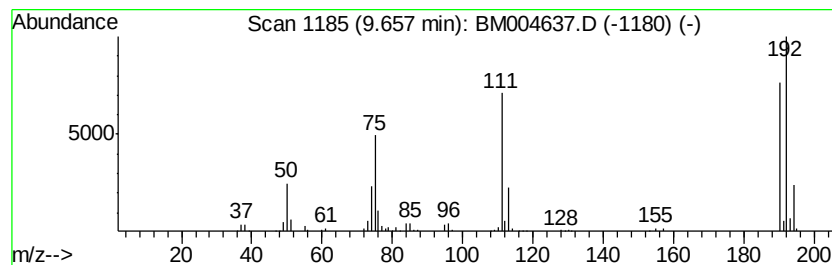
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-bromo-4-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	19.61 ng/ul	551421	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004637.D
Acq On : 16 Mar 2016 15:39
Operator : UM/SJ
Sample : H1783-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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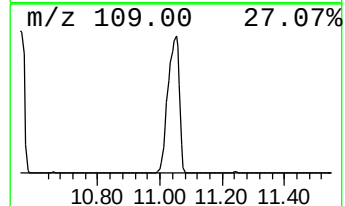
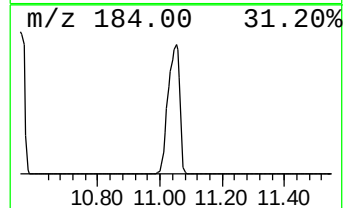
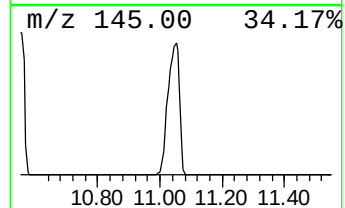
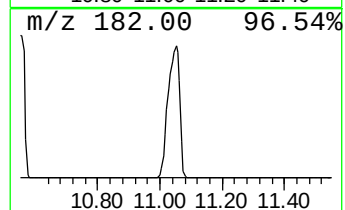
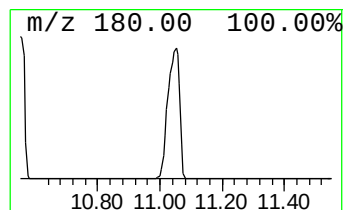
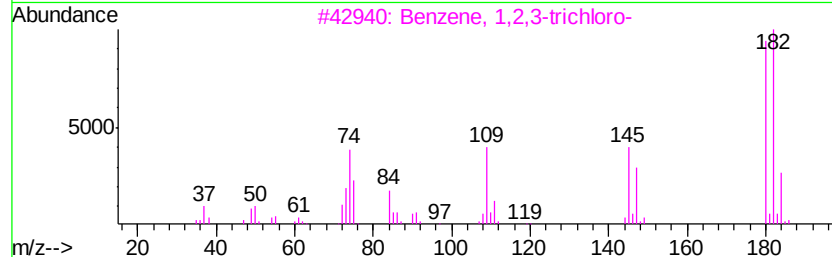
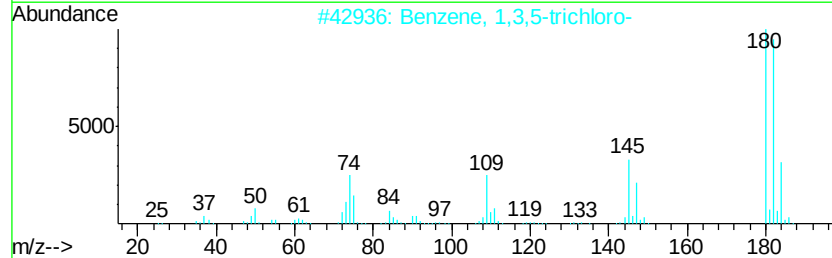
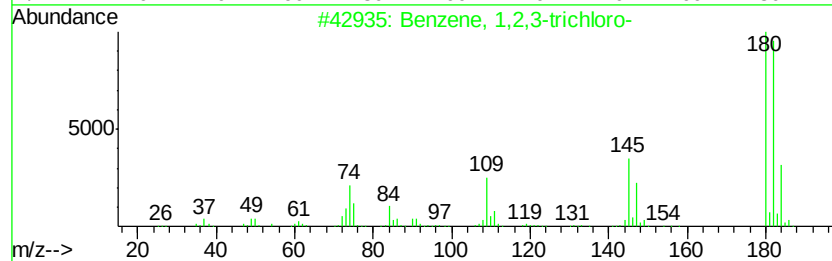
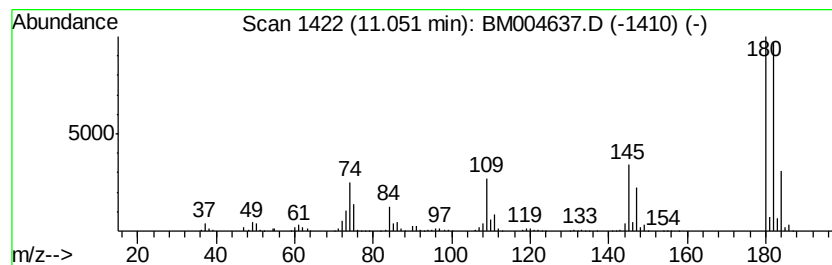
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	537.44 ng/ul	15109600	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004637.D
Acq On : 16 Mar 2016 15:39
Operator : UM/SJ
Sample : H1783-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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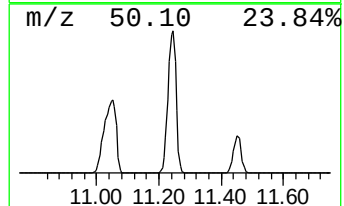
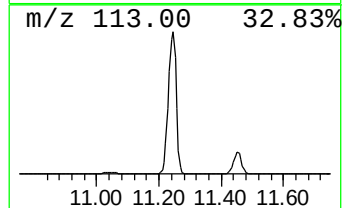
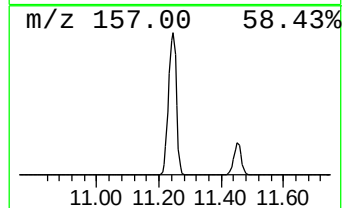
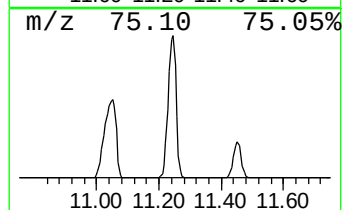
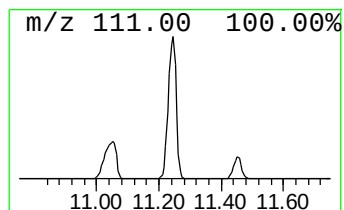
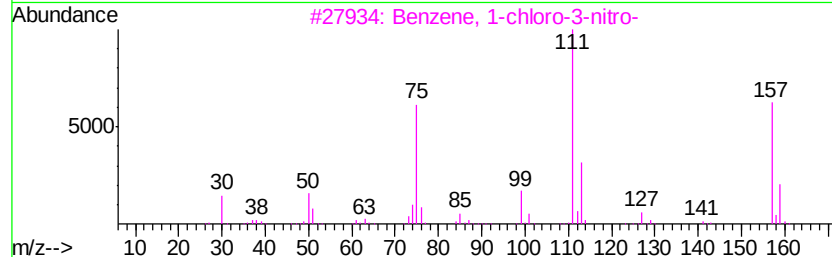
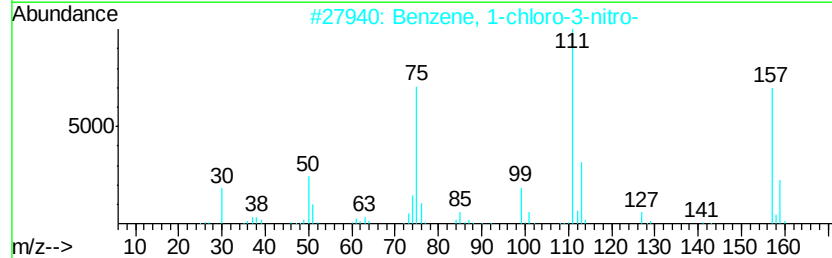
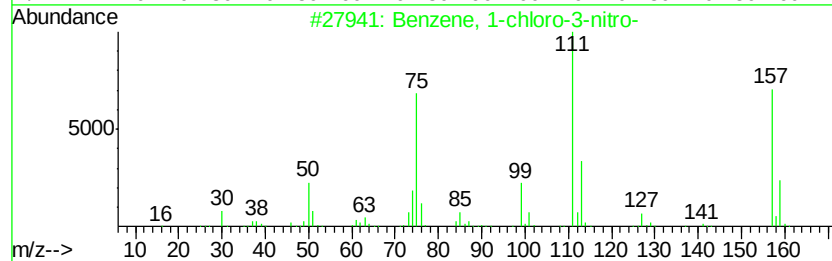
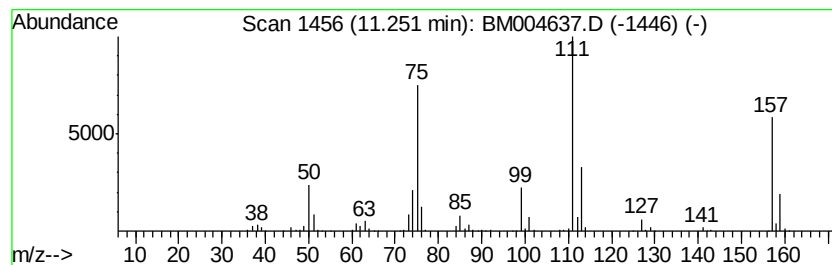
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	113.42 ng/ul	3188800	Naphthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004637.D
Acq On : 16 Mar 2016 15:39
Operator : UM/SJ
Sample : H1783-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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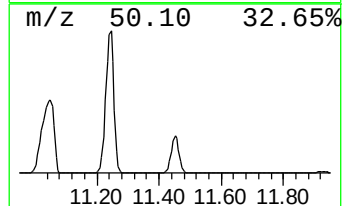
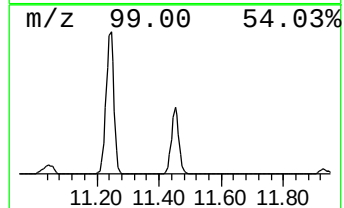
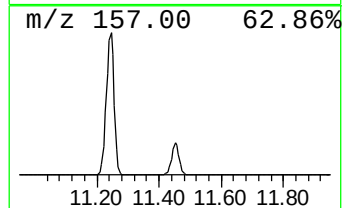
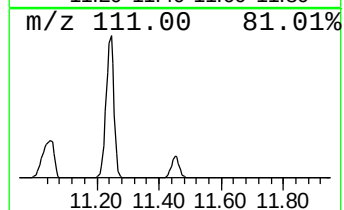
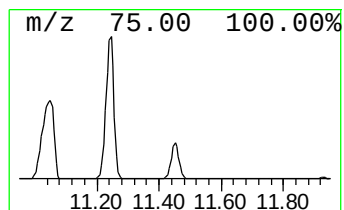
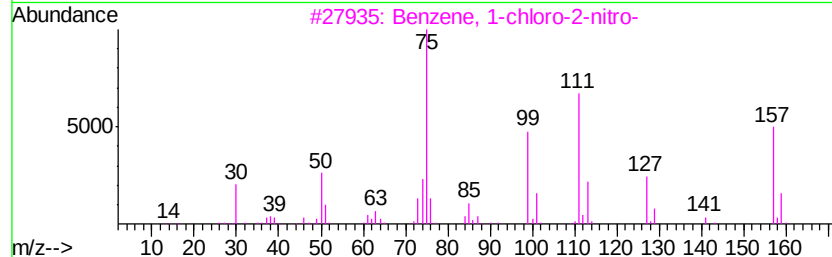
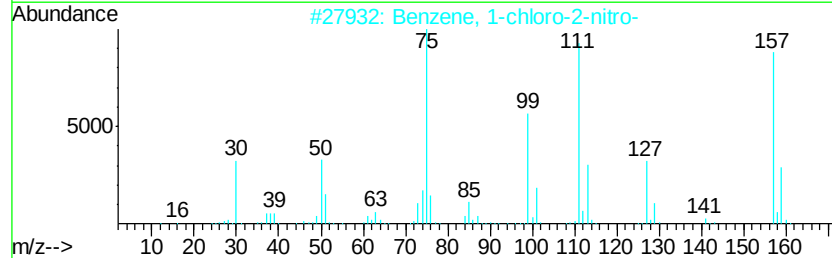
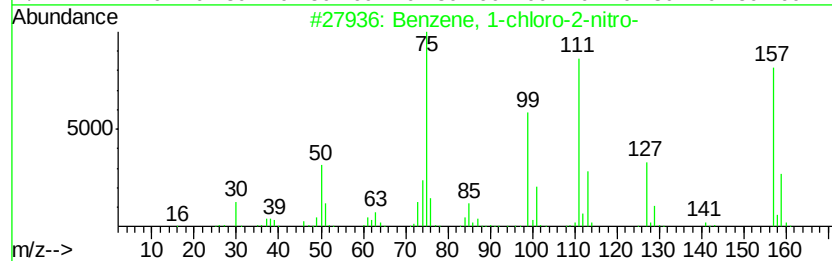
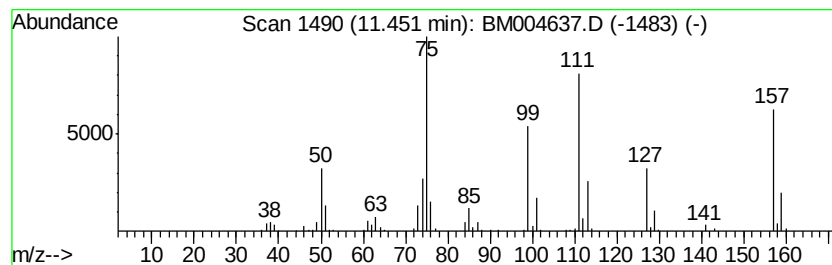
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-chloro-2-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	27.64 ng/ul	777152	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004637.D
Acq On : 16 Mar 2016 15:39
Operator : UM/SJ
Sample : H1783-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.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
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Benzene, chloro-	5.23	21.0	ng/ul	28100600	1	7.87	26758400	20.0
Benzene, 1,2-dich...	7.78	20.0	ng/ul	26758400	1	7.87	26758400	20.0
Benzene, 1,4-dich...	7.98	33.0	ng/ul	44192200	1	7.87	26758400	20.0
Benzene, 1,3-dich...	8.33	39.2	ng/ul	52487400	1	7.87	26758400	20.0
Benzene, 1-bromo-...	9.35	27.6	ng/ul	775651	2	10.66	562282	20.0
Benzene, 1-bromo-...	9.66	19.6	ng/ul	551421	2	10.66	562282	20.0
Benzene, 1,2,3-tr...	11.05	537.4	ng/ul	15109600	2	10.66	562282	20.0
Benzene, 1-chloro...	11.25	113.4	ng/ul	3188800	2	10.66	562282	20.0
Benzene, 1-chloro...	11.45	27.6	ng/ul	777152	2	10.66	562282	20.0