

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004635.D
 Acq On : 16 Mar 2016 14:26
 Operator : UM/SJ
 Sample : H1783-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2

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	6388579	15065925	26.63%	6.085%
2	5.257	417	437	442	rBV	7828495	42426216	74.99%	17.136%
3	7.775	851	865	877	rBV	5666509	27323219	48.29%	11.036%
4	7.992	877	902	906	rVB	7781348	50859612	89.90%	20.542%
5	8.339	933	961	965	rBV	7806899	56575719	100.00%	22.851%
6	9.063	1078	1084	1099	rVB	1694299	2959800	5.23%	1.195%
7	9.345	1126	1132	1140	rVB	398725	647157	1.14%	0.261%
8	10.545	1321	1336	1342	rBV5	6178200	23137807	40.90%	9.345%
9	10.657	1349	1355	1361	rBV	385601	573539	1.01%	0.232%
10	11.045	1409	1421	1427	rBV	5340545	12879832	22.77%	5.202%
11	11.239	1445	1454	1465	rBV	1135227	1880609	3.32%	0.760%
12	13.274	1793	1800	1807	rBV	1032561	1584590	2.80%	0.640%
13	13.863	1894	1900	1902	rBV	571189	881603	1.56%	0.356%
14	13.886	1902	1904	1909	rVB	581743	681056	1.20%	0.275%
15	14.168	1946	1952	1959	rBV	649525	967162	1.71%	0.391%
16	14.480	1998	2005	2013	rVB2	450999	708025	1.25%	0.286%
17	15.468	2166	2173	2186	rVB	822719	1211087	2.14%	0.489%
18	17.221	2465	2471	2477	rBV	563153	822894	1.45%	0.332%
19	17.321	2481	2488	2503	rBV	878678	1284560	2.27%	0.519%
20	19.615	2871	2878	2884	rBV	1091954	1537706	2.72%	0.621%
21	21.403	3177	3182	3188	rBV	793336	1020871	1.80%	0.412%
22	23.556	3541	3548	3561	rVB	795462	1570642	2.78%	0.634%
23	23.703	3566	3573	3584	rVB	509430	983459	1.74%	0.397%

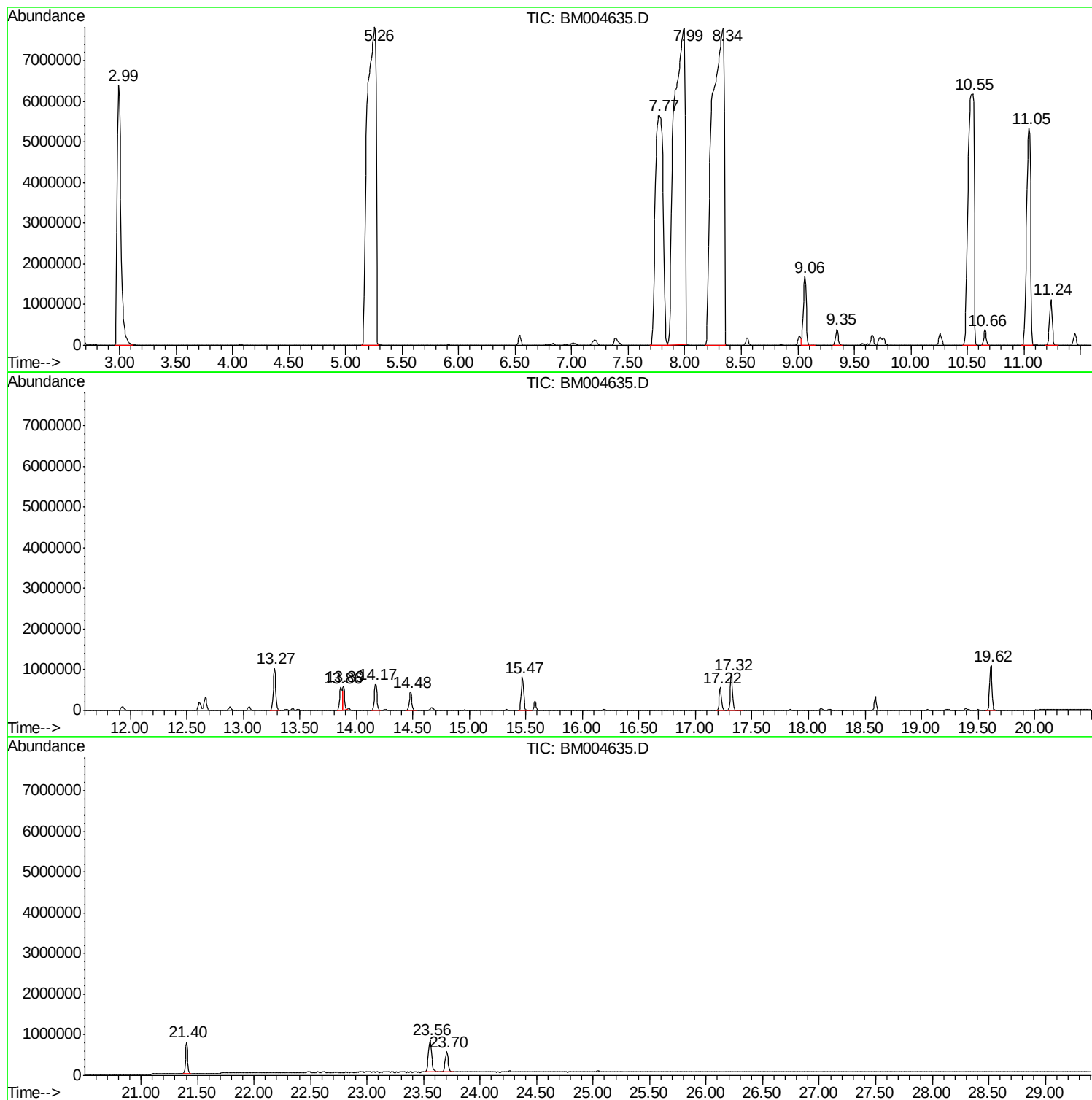
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ClientSampled :
C0AA2

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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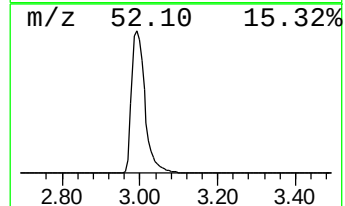
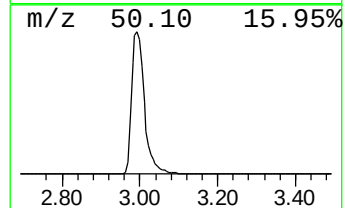
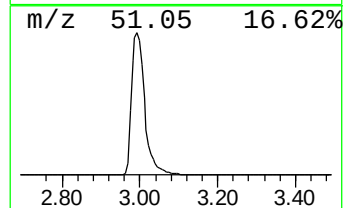
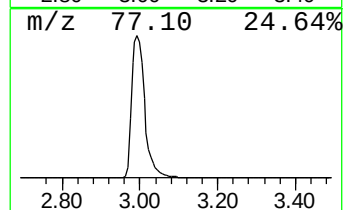
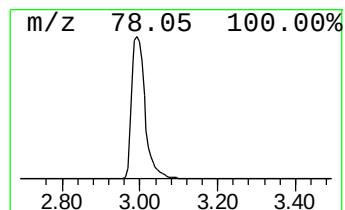
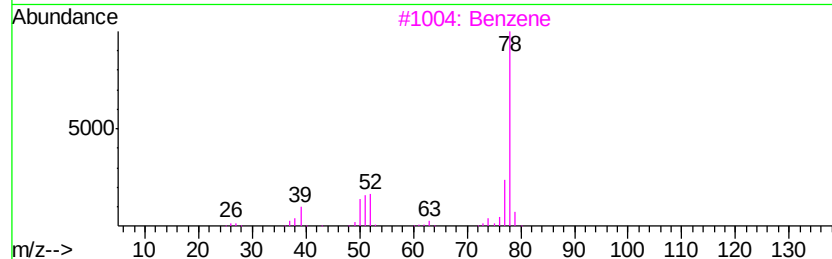
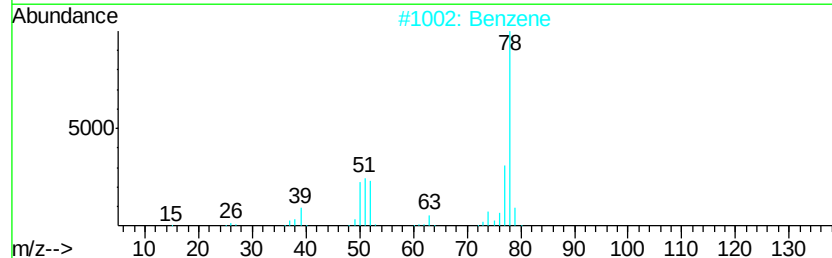
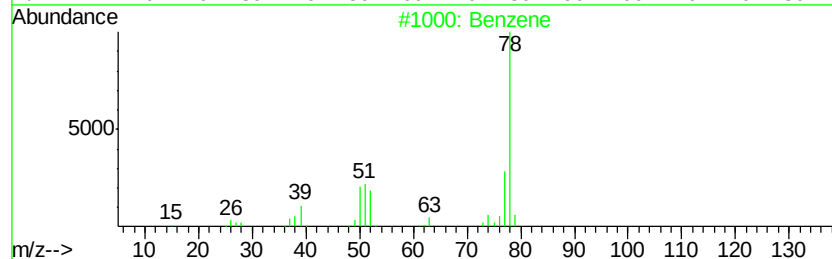
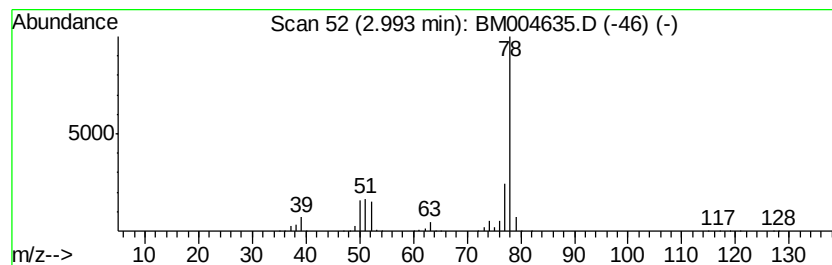
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	11.03 ng/ul	15065900	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	94
4	Benzene			78	C6H6	000071-43-2	91
5	1,5-Hexadien-3-yne			78	C6H6	000821-08-9	91



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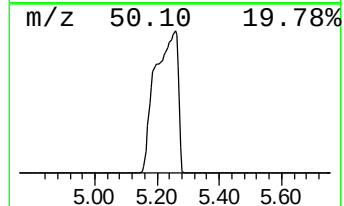
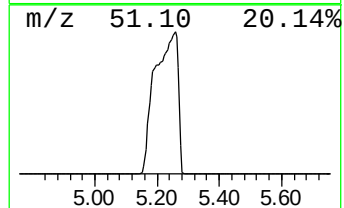
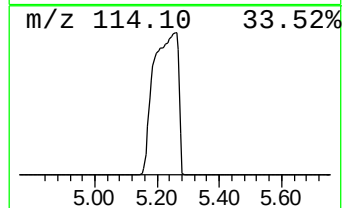
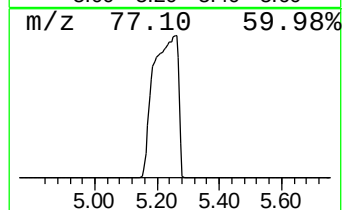
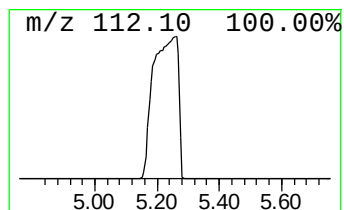
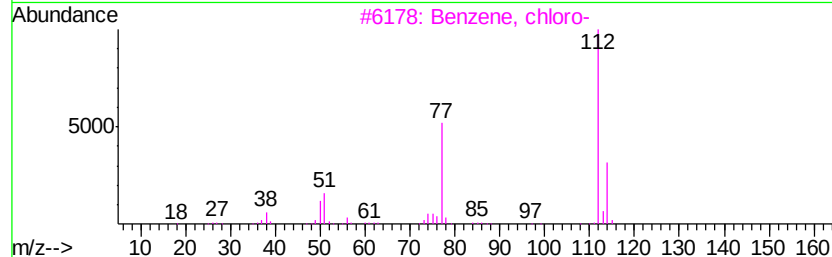
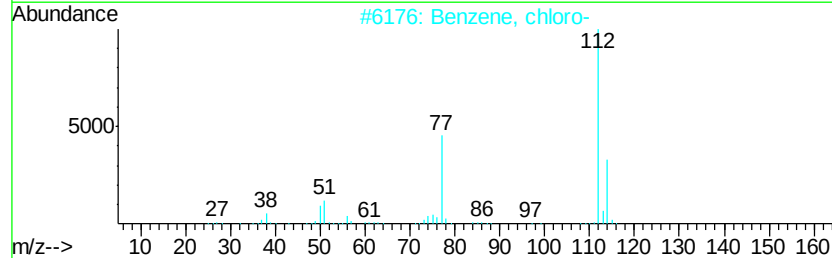
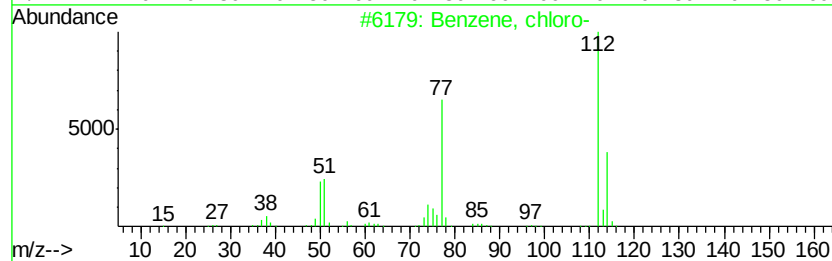
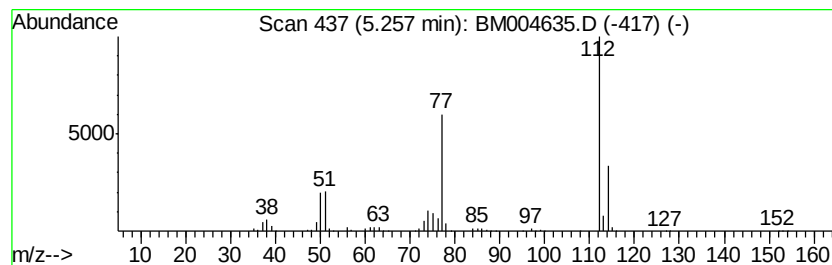
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Peak Number 2 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	31.06 ng/ul	42426200	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	94
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	90
5		Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27



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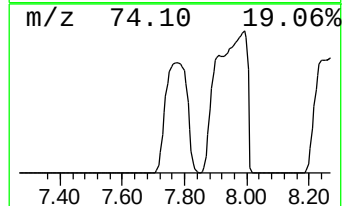
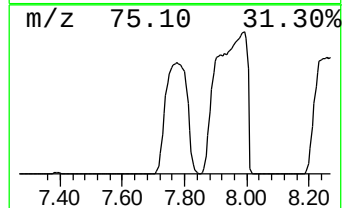
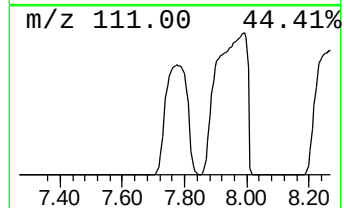
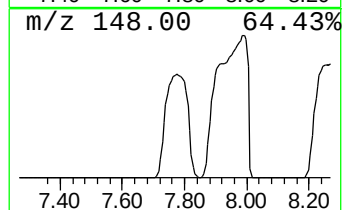
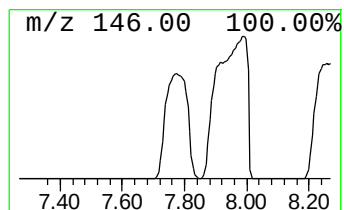
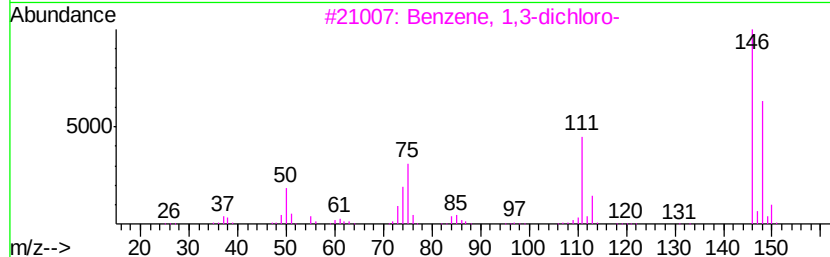
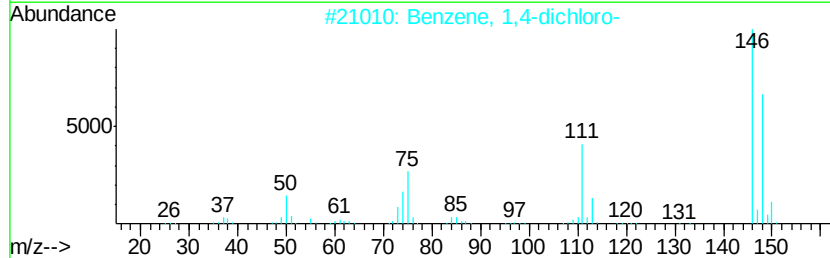
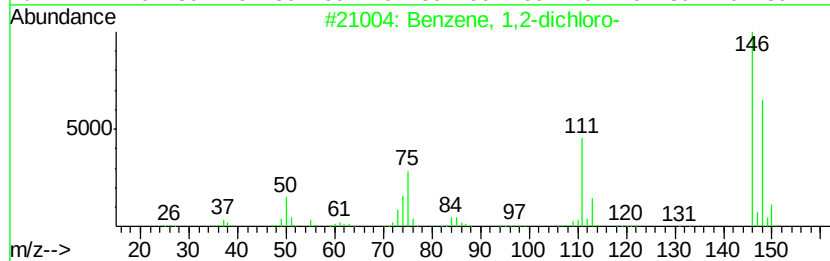
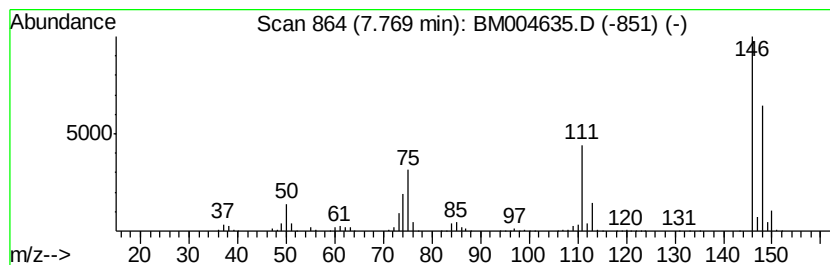
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	20.00 ng/ul	27323200	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	97
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95



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BNA_M
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C0AA2

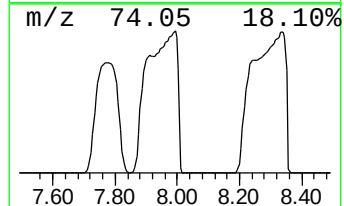
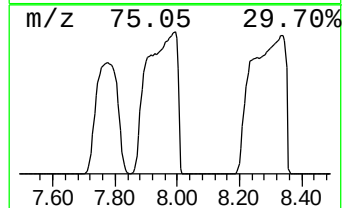
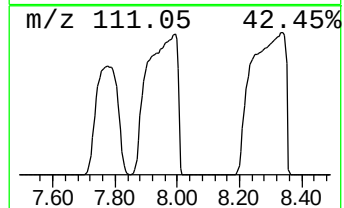
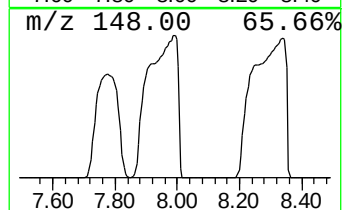
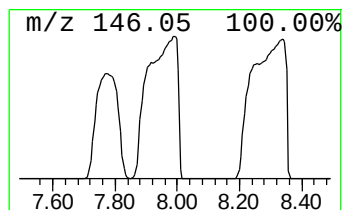
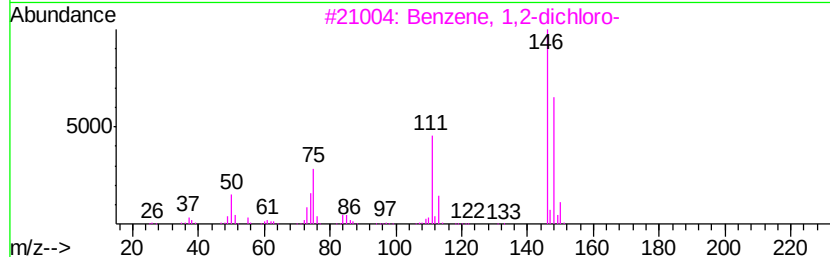
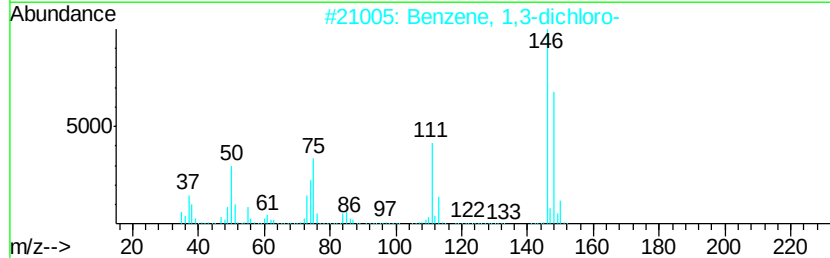
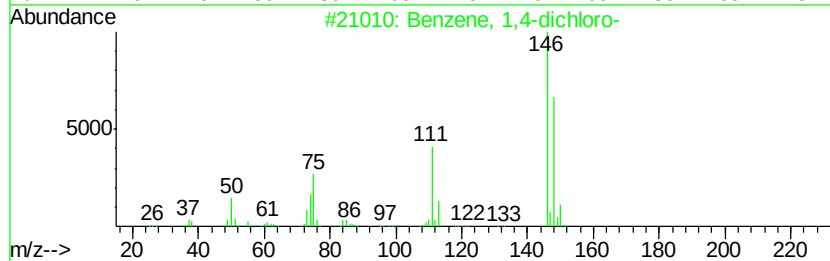
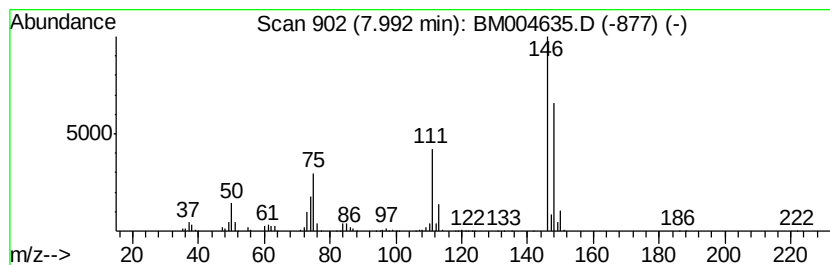
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	37.23 ng/ul	50859600	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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
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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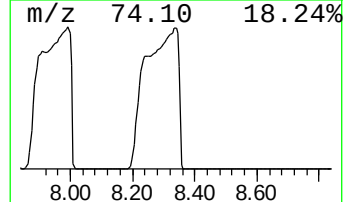
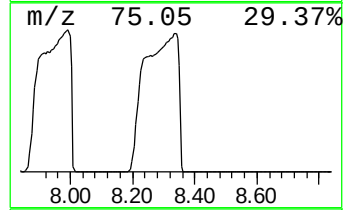
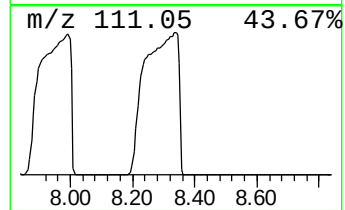
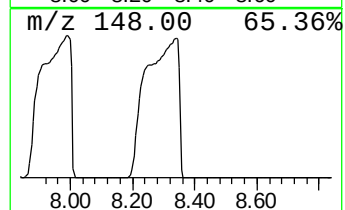
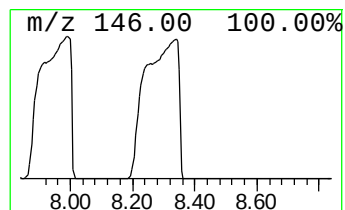
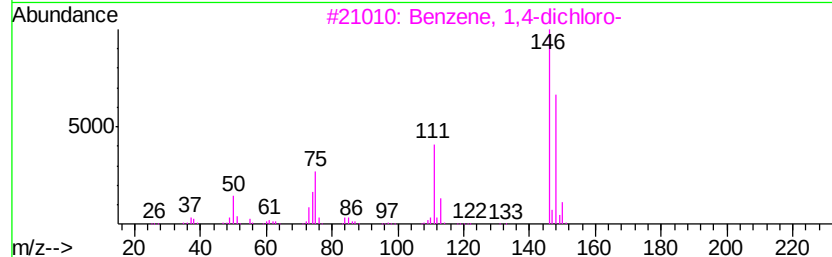
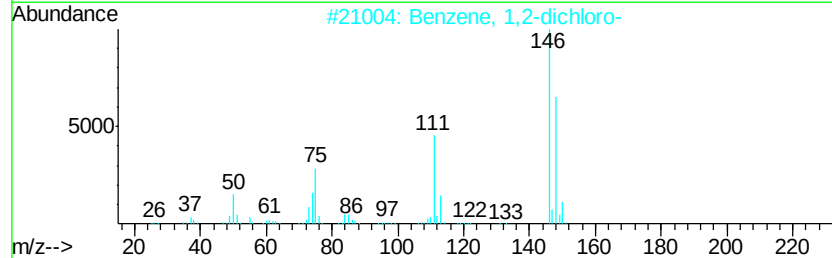
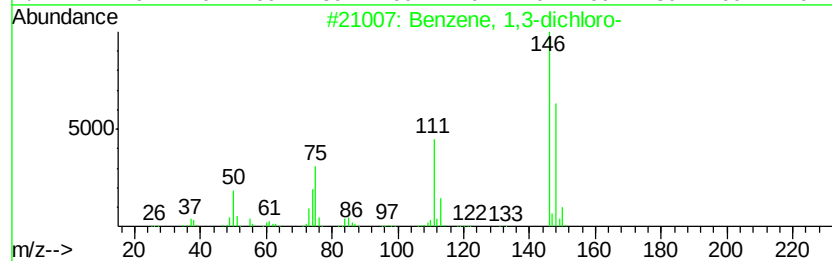
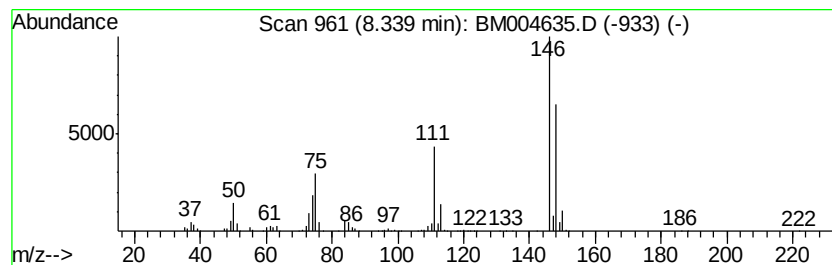
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,3-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	41.41 ng/ul	56575700	1,4-Dichlorobenzene-d4	7.87

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



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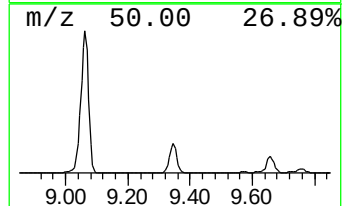
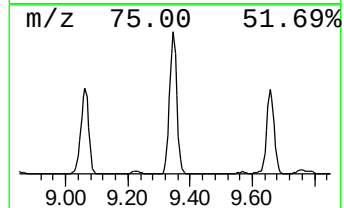
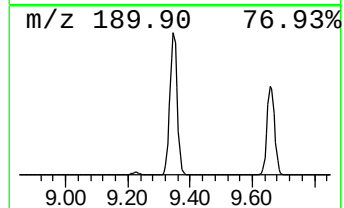
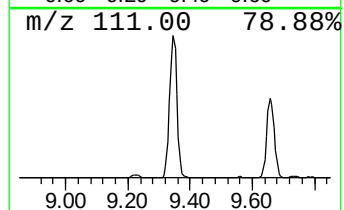
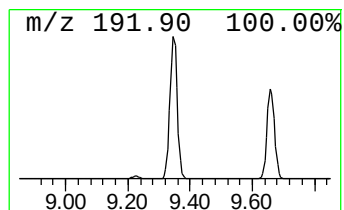
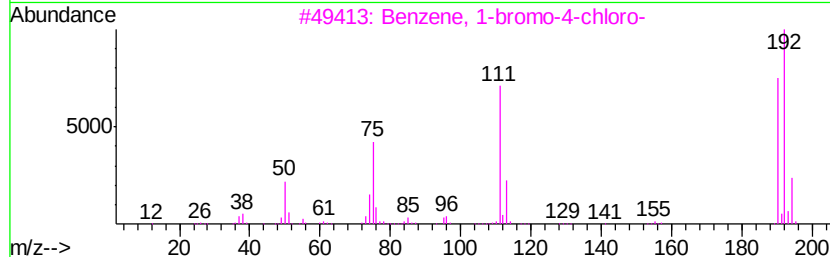
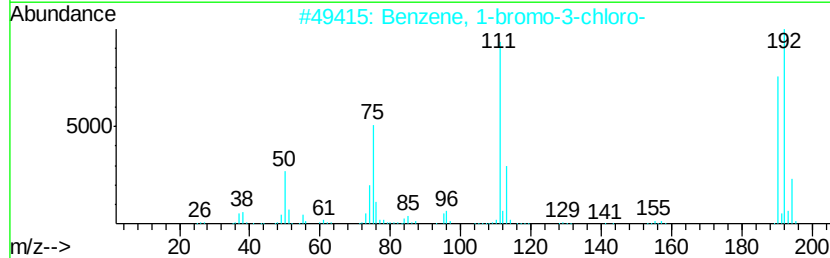
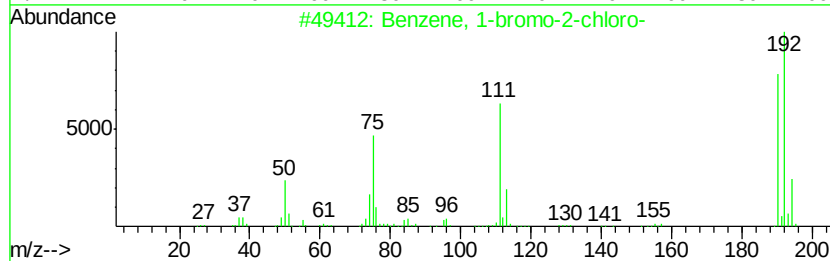
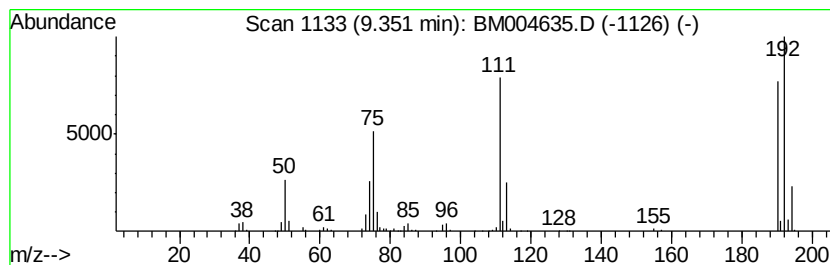
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	22.57 ng/ul	647157	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-3-chloro-	190	C6H4BrCl	000108-37-2	98
3		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004635.D
Acq On : 16 Mar 2016 14:26
Operator : UM/SJ
Sample : H1783-02
Misc :
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Instrument :
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ClientSampleId :
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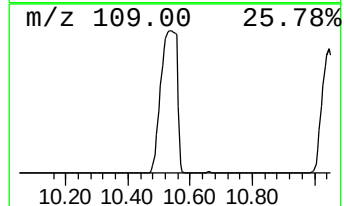
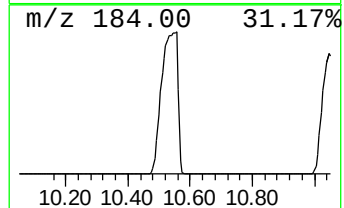
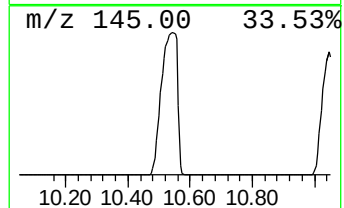
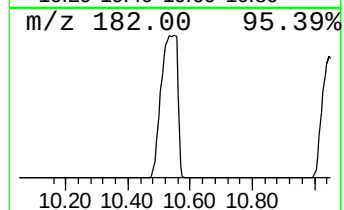
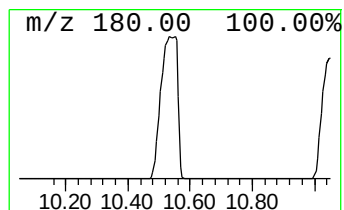
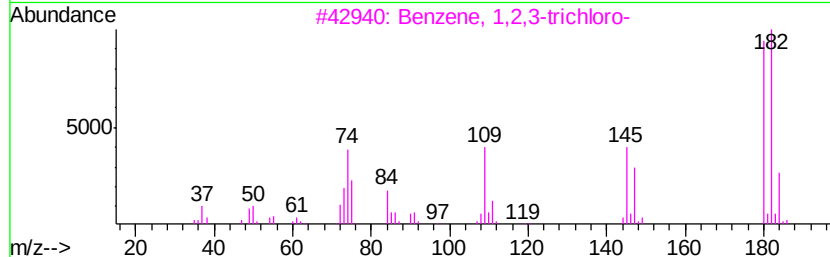
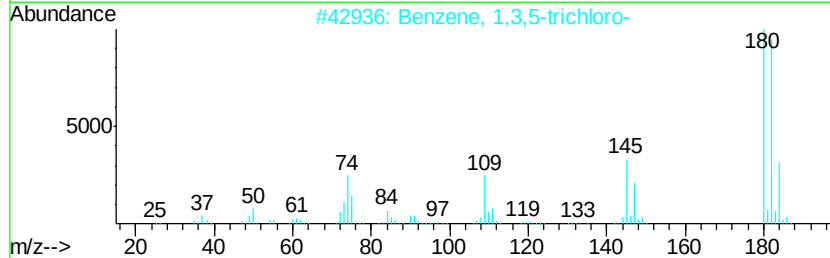
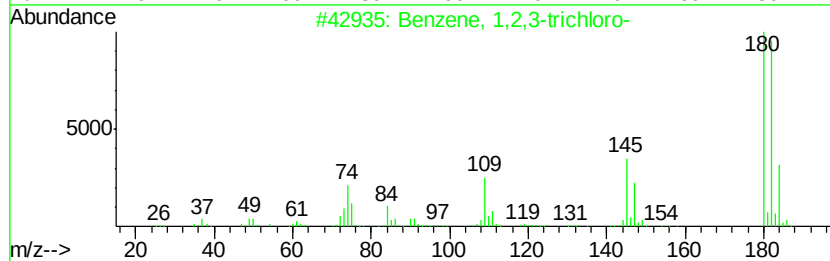
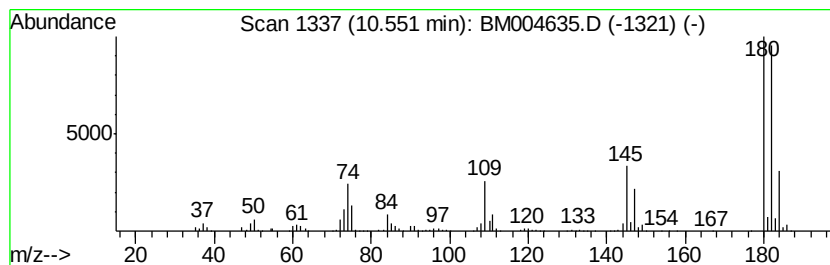
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	806.84 ng/ul	23137800	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
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, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004635.D
Acq On : 16 Mar 2016 14:26
Operator : UM/SJ
Sample : H1783-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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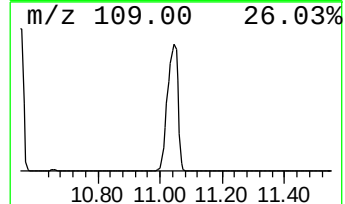
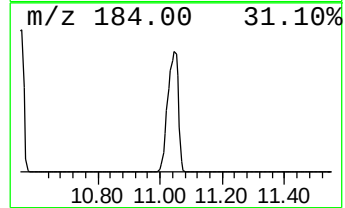
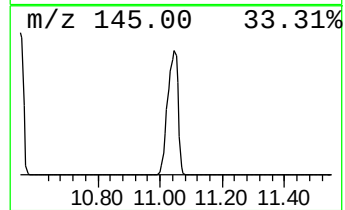
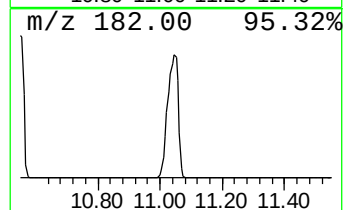
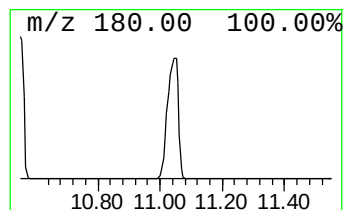
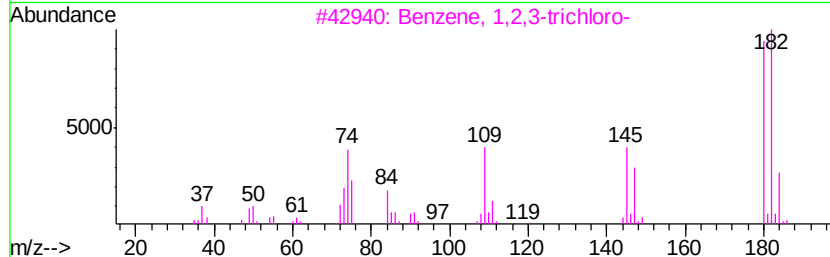
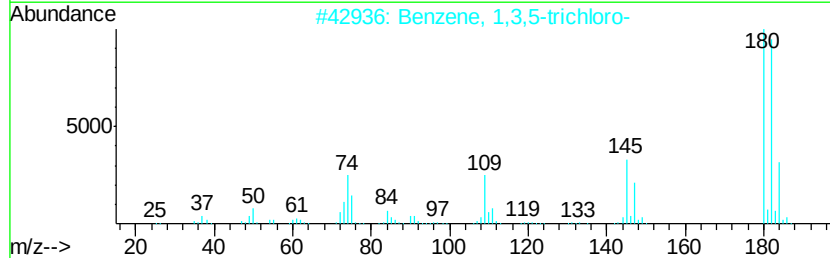
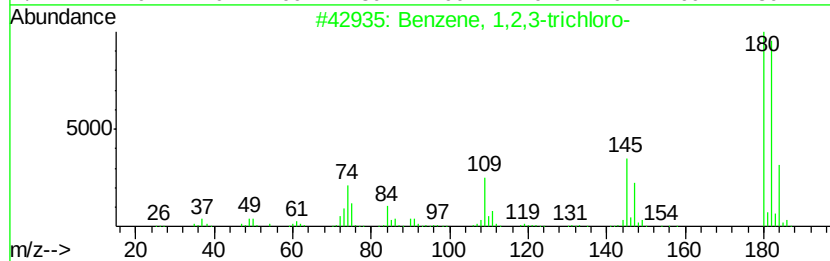
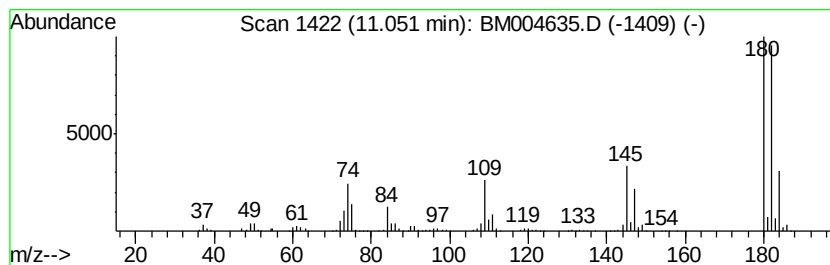
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	449.14 ng/ul	12879800	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 : BM004635.D
Acq On : 16 Mar 2016 14:26
Operator : UM/SJ
Sample : H1783-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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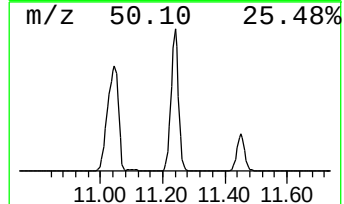
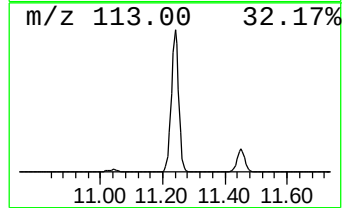
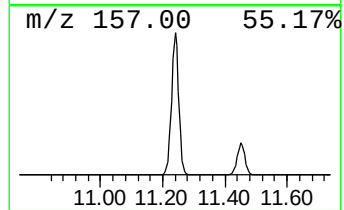
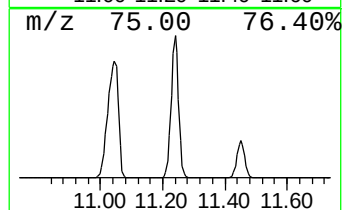
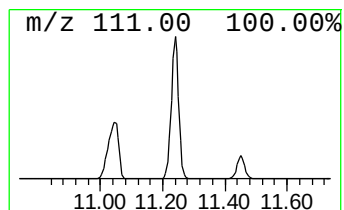
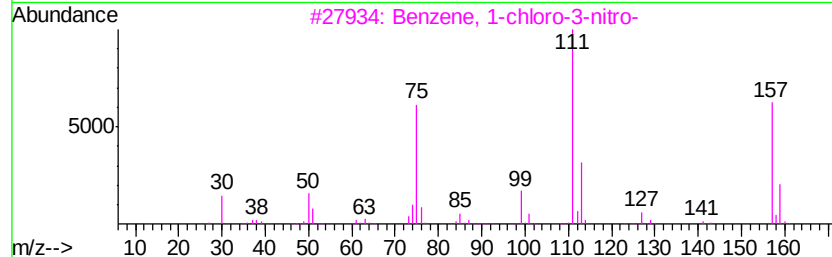
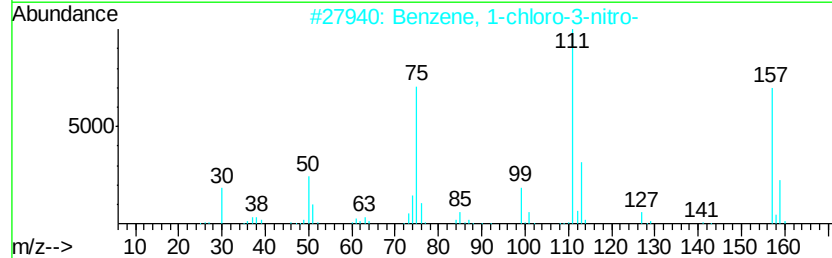
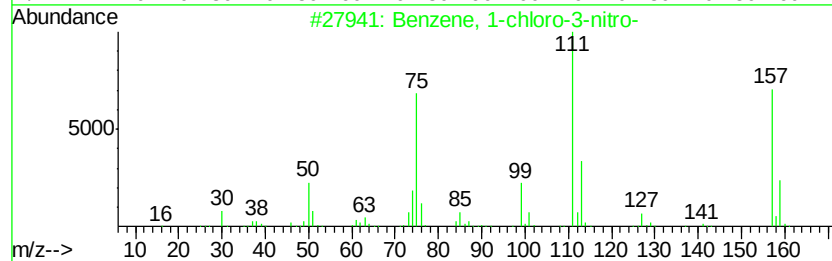
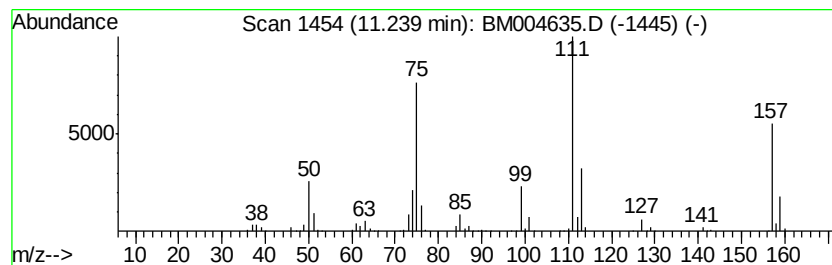
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	65.58 ng/ul	1880610	Naphthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
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 : BM004635.D
Acq On : 16 Mar 2016 14:26
Operator : UM/SJ
Sample : H1783-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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-	5.26	31.1	ng/ul	42426200	1	7.87	27323200	20.0
Benzene, 1,2-dich...	7.77	20.0	ng/ul	27323200	1	7.87	27323200	20.0
Benzene, 1,4-dich...	7.99	37.2	ng/ul	50859600	1	7.87	27323200	20.0
Benzene, 1,3-dich...	8.34	41.4	ng/ul	56575700	1	7.87	27323200	20.0
Benzene, 1-bromo-...	9.35	22.6	ng/ul	647157	2	10.66	573539	20.0
Benzene, 1,2,3-tr...	10.55	806.8	ng/ul	23137800	2	10.66	573539	20.0
Benzene, 1,3,5-tr...	11.05	449.1	ng/ul	12879800	2	10.66	573539	20.0
Benzene, 1-chloro...	11.24	65.6	ng/ul	1880610	2	10.66	573539	20.0