

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004670.D
 Acq On : 17 Mar 2016 17:21
 Operator : UM/SJ
 Sample : H1783-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4DL

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	2.987	46	51	72	rVB	2587241	3604977	16.13%	4.108%
2	5.193	416	426	443	rBV	5812784	12618975	56.47%	14.381%
3	7.745	850	860	871	rBV	4179347	8565118	38.33%	9.761%
4	7.910	871	888	893	rBV2	6167917	19554428	87.50%	22.284%
5	8.239	929	944	949	rBV2	6179648	22346651	100.00%	25.466%
6	9.039	1076	1080	1088	rVB	190849	308094	1.38%	0.351%
7	10.510	1320	1330	1337	rBV	4678384	9796384	43.84%	11.164%
8	10.639	1345	1352	1359	rBV	328706	524564	2.35%	0.598%
9	11.022	1409	1417	1425	rBV	2676178	4919071	22.01%	5.606%
10	11.227	1445	1452	1462	rVB	393616	643457	2.88%	0.733%
11	13.268	1793	1799	1806	rBV	252656	387329	1.73%	0.441%
12	14.474	1998	2004	2012	rBV2	429342	656074	2.94%	0.748%
13	15.468	2166	2173	2179	rBV	180059	251169	1.12%	0.286%
14	17.221	2464	2471	2479	rBV	540633	781032	3.50%	0.890%
15	17.315	2481	2487	2499	rVB	193966	268849	1.20%	0.306%
16	19.609	2871	2877	2887	rBV	247593	328665	1.47%	0.375%
17	21.403	3176	3182	3188	rBV	763951	964502	4.32%	1.099%
18	23.556	3542	3548	3557	rVB	166898	327939	1.47%	0.374%
19	23.703	3566	3573	3582	rVB	462820	902638	4.04%	1.029%

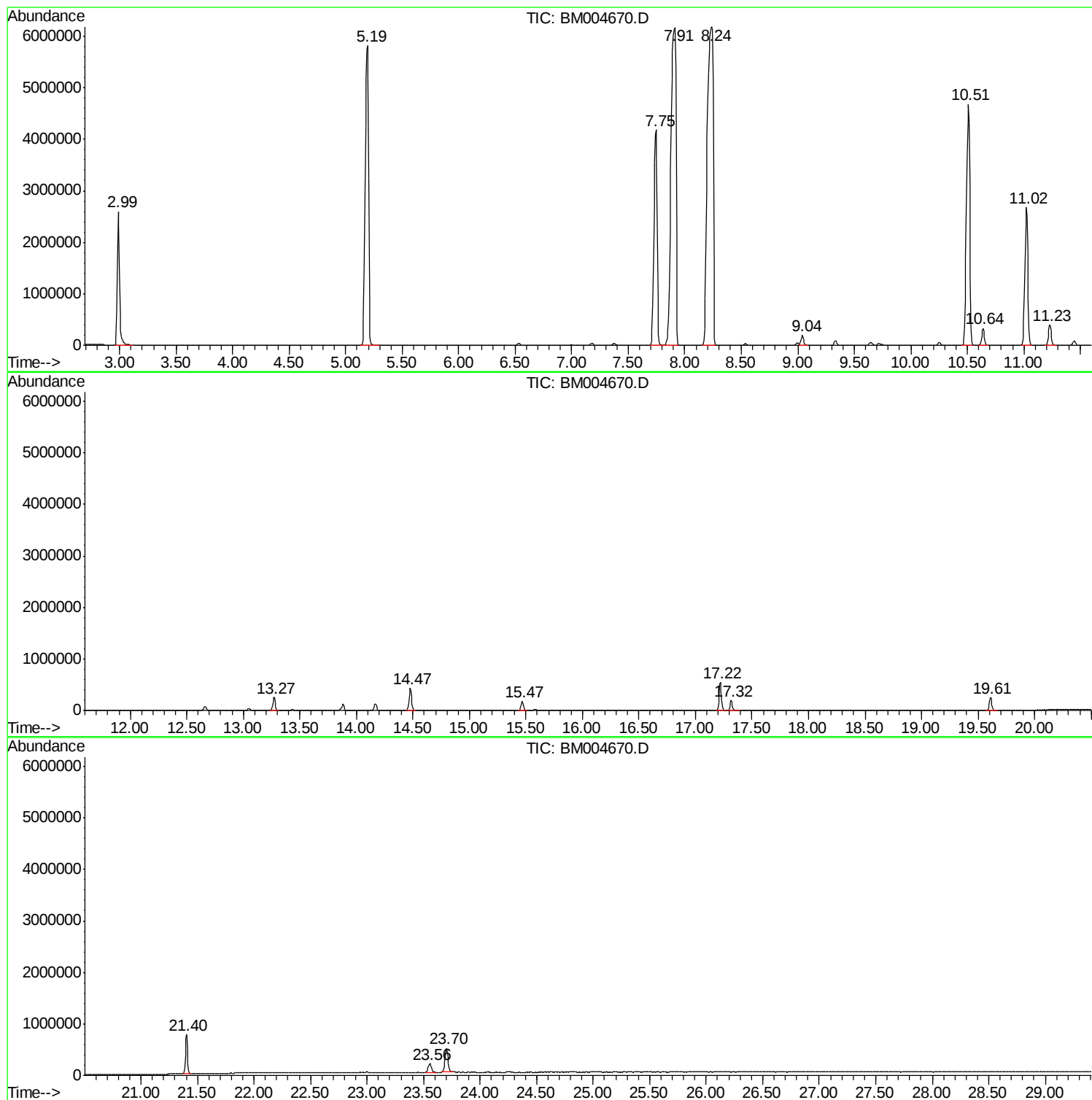
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Instrument :
BNA_M
ClientSampled :
C0AA4DL

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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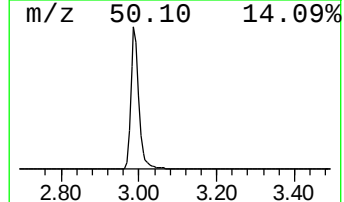
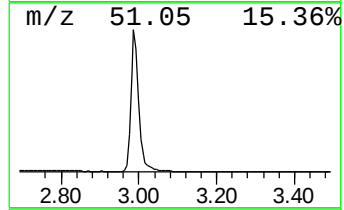
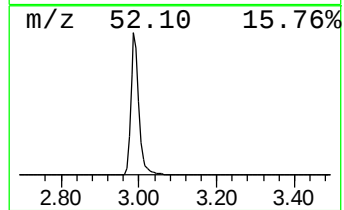
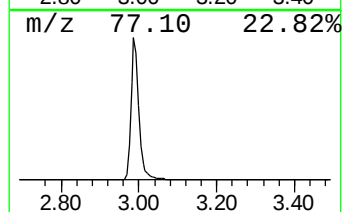
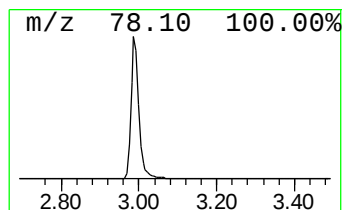
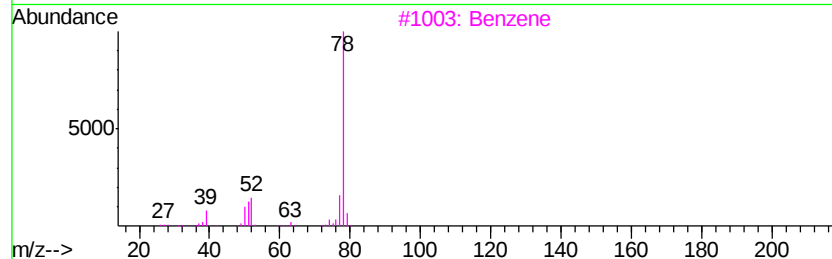
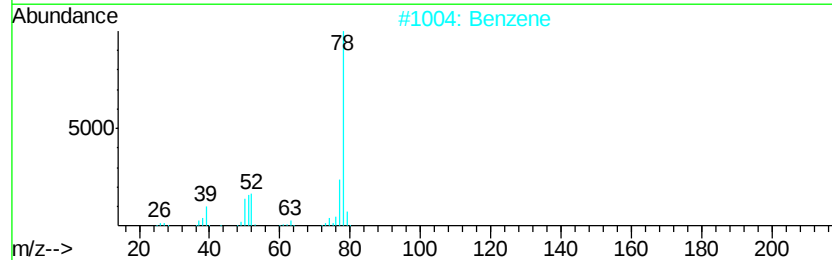
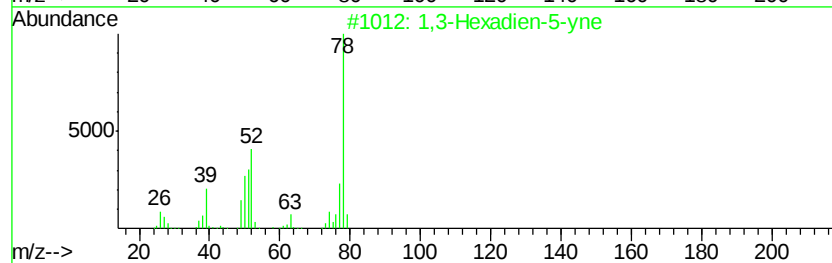
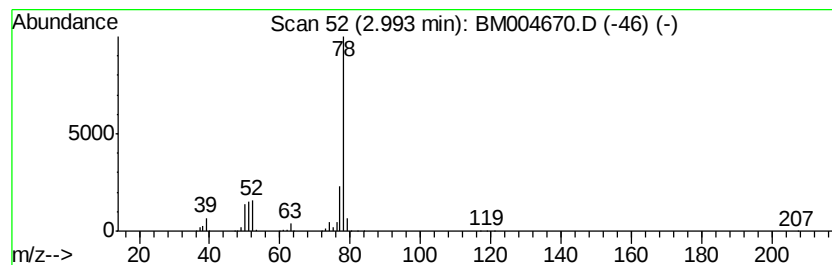
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	3.69 ng/ul	3604980	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Hexadien-5-yne	78	C6H6	010420-90-3	91
2		Benzene	78	C6H6	000071-43-2	91
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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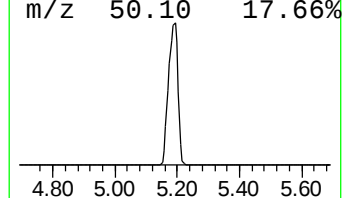
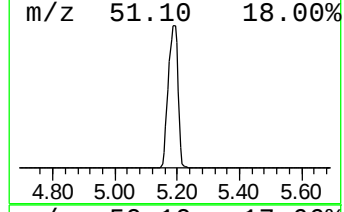
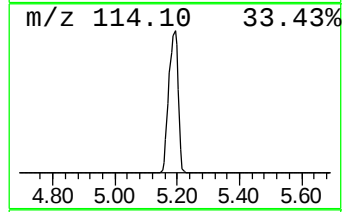
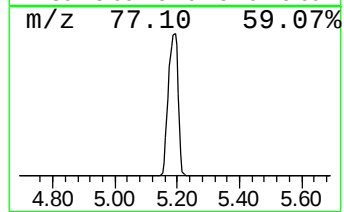
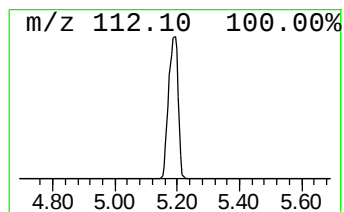
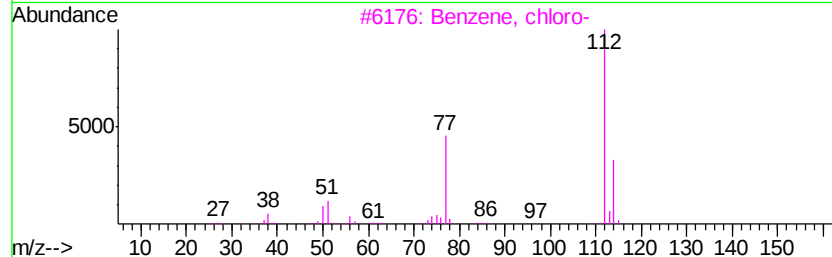
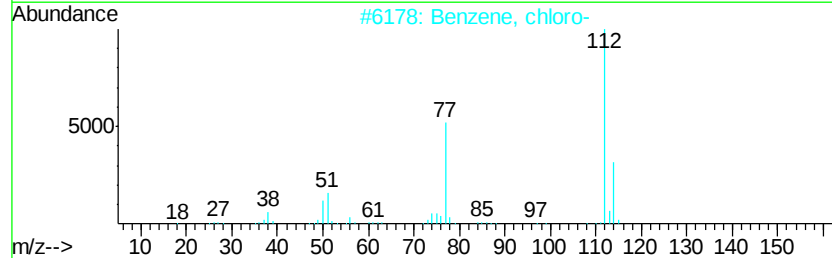
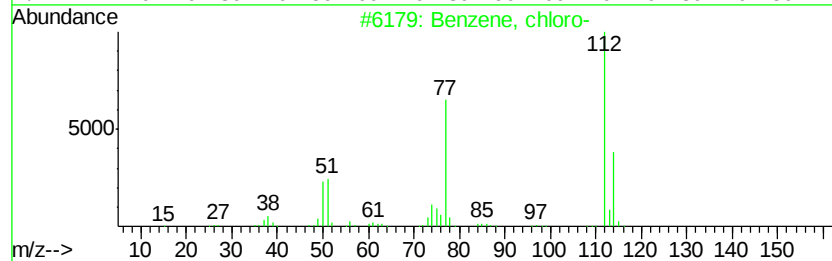
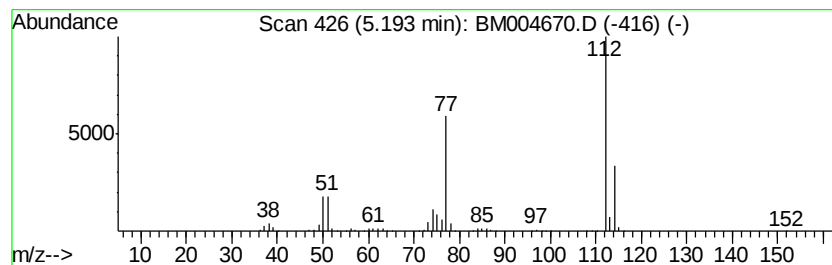
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	12.91 ng/ul	12619000	1,4-Dichlorobenzene-d4	7.86

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	94
5		Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35



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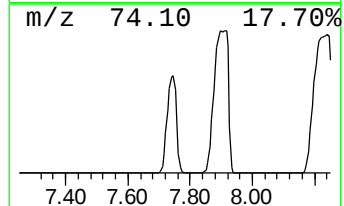
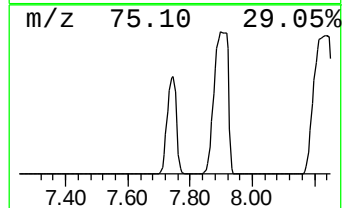
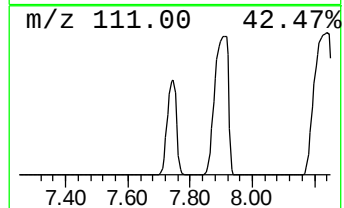
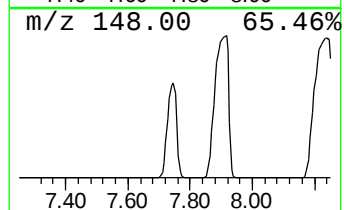
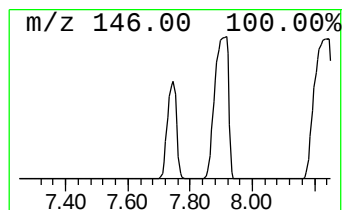
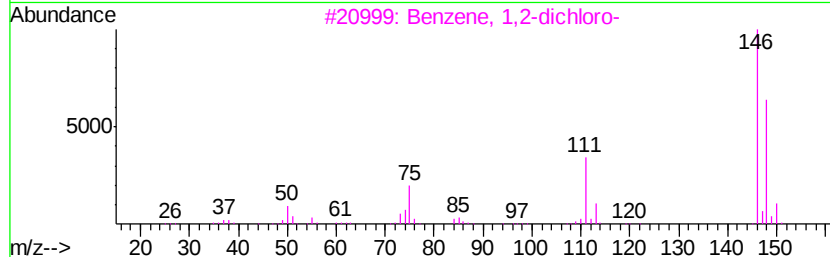
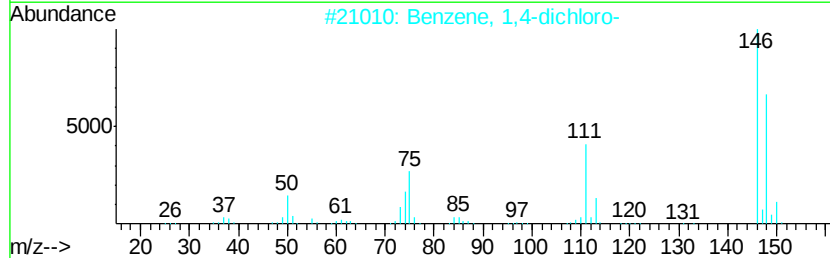
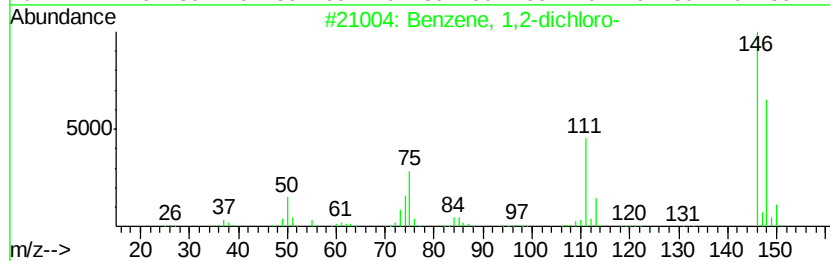
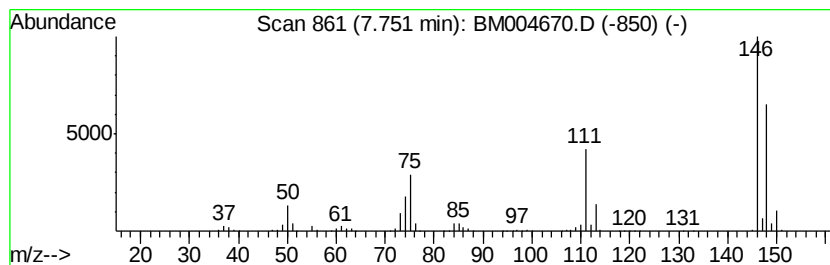
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	8.76 ng/ul	8565120	1,4-Dichlorobenzene-d4	7.86

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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96



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Instrument :
BNA_M
ClientSampleId :
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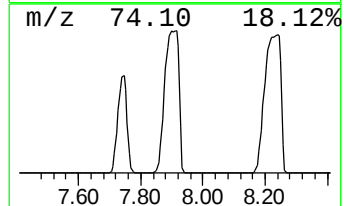
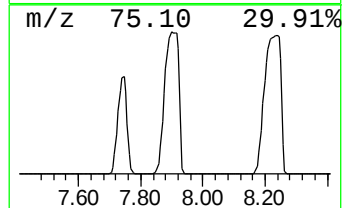
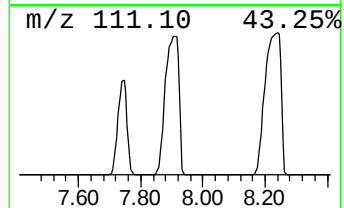
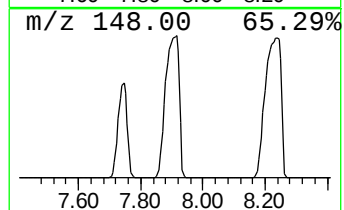
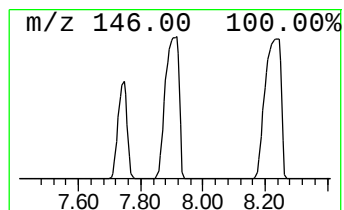
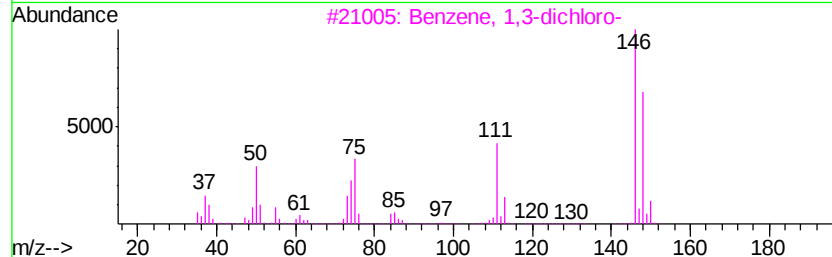
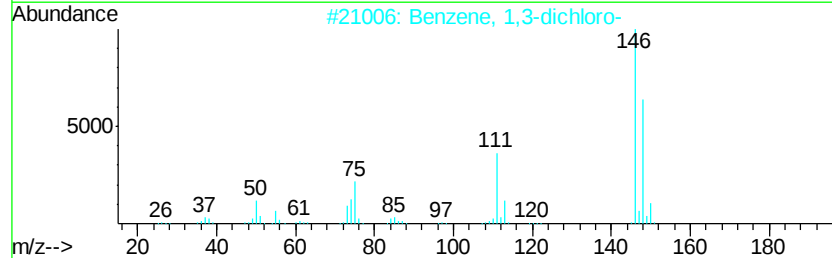
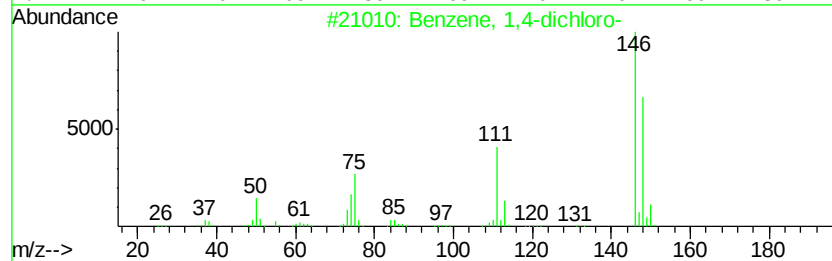
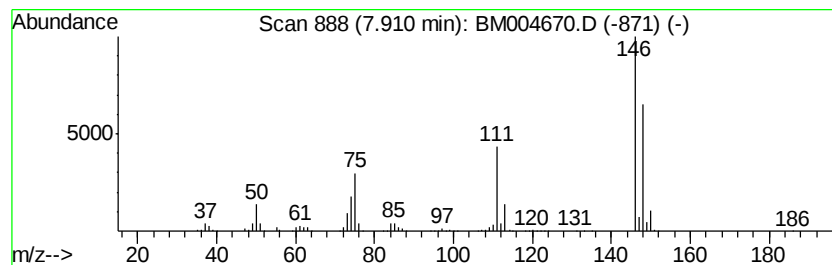
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	20.00 ng/ul	19554400	1,4-Dichlorobenzene-d4	7.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98	
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98	
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	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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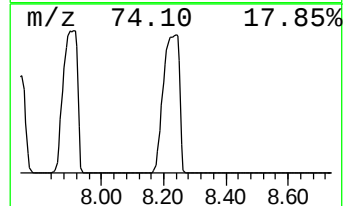
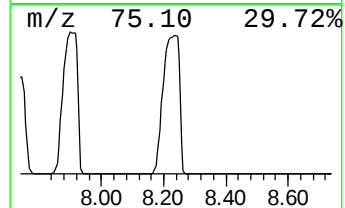
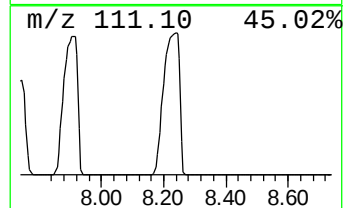
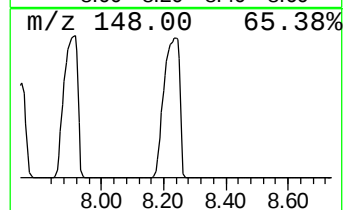
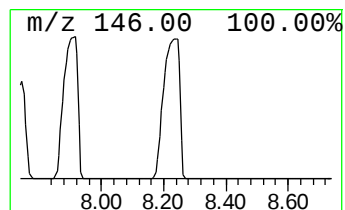
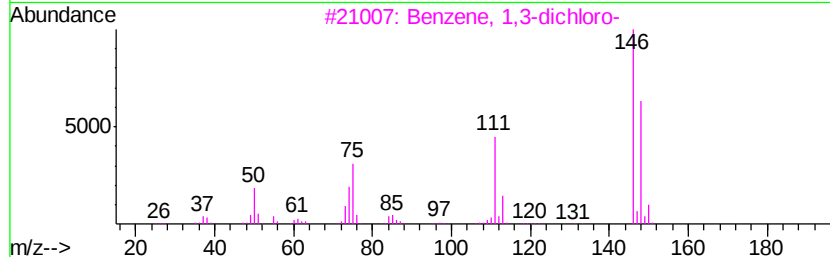
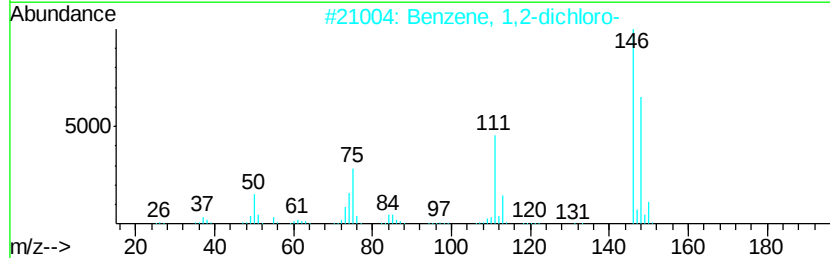
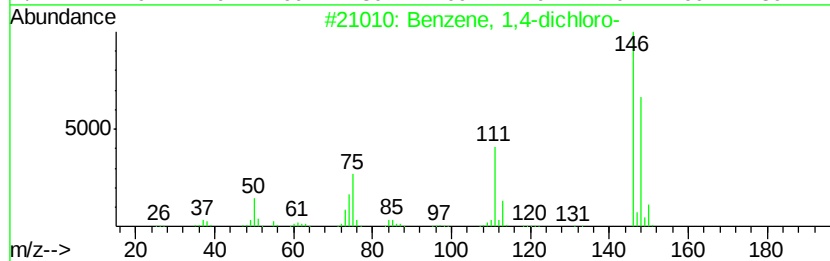
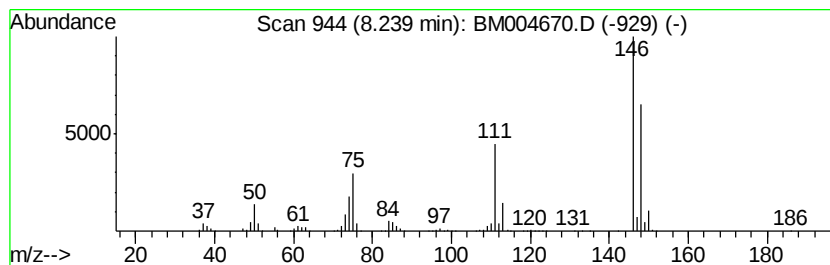
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Quant Title : SVOA CALIBRATION

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.
8.24	22.86 ng/ul	22346700	1,4-Dichlorobenzene-d4	7.86

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



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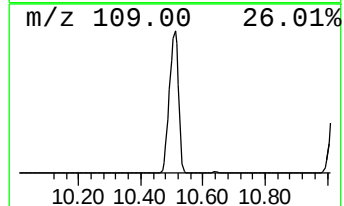
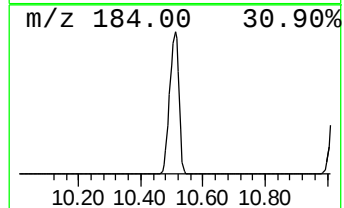
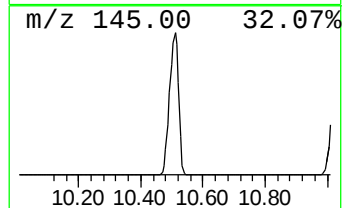
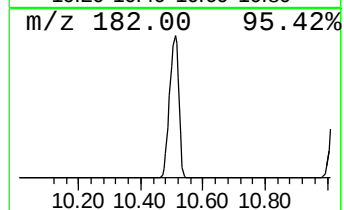
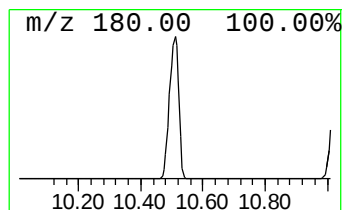
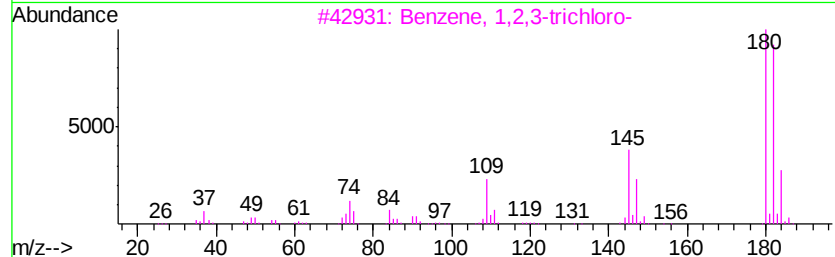
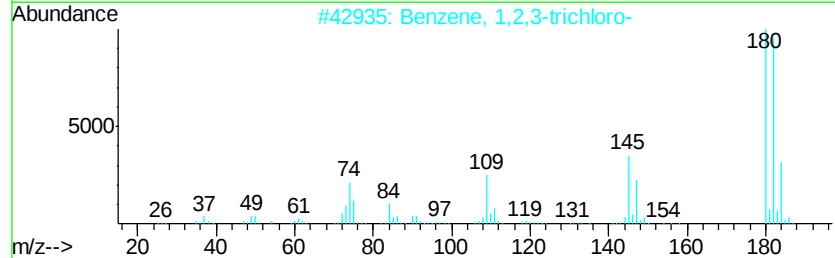
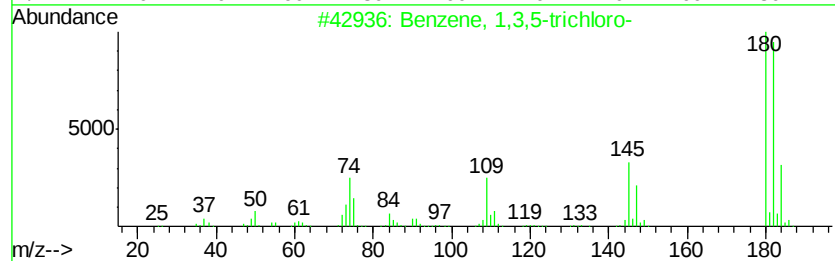
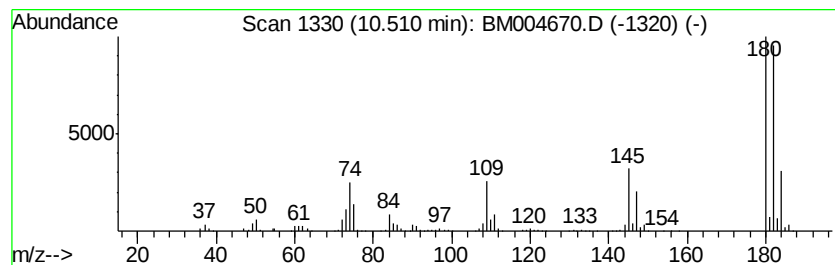
Instrument :
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ClientSampleId :
C0AA4DL

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

Peak Number 6 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.51	373.51 ng/ul	9796380	Naphthalene-d8	10.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98	
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98	
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98	
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97	
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004670.D
Acq On : 17 Mar 2016 17:21
Operator : UM/SJ
Sample : H1783-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4DL

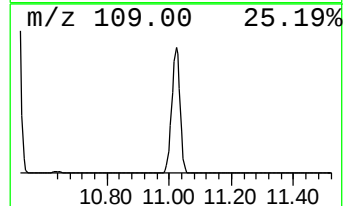
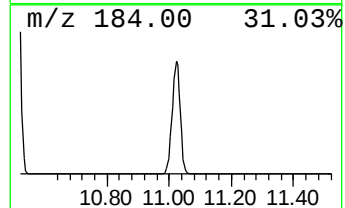
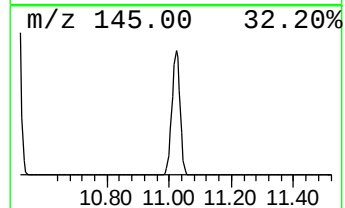
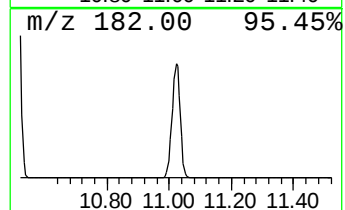
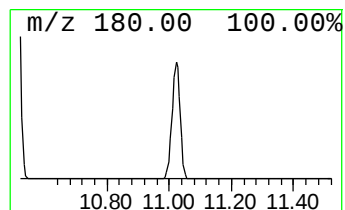
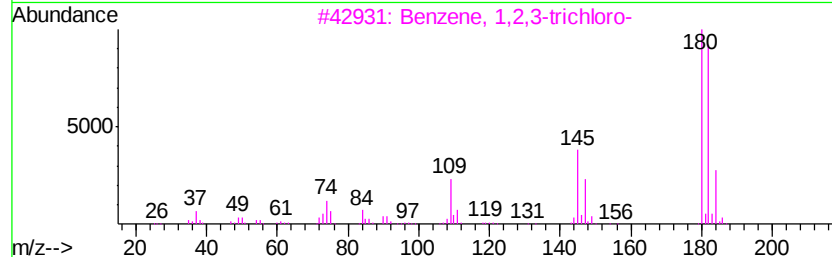
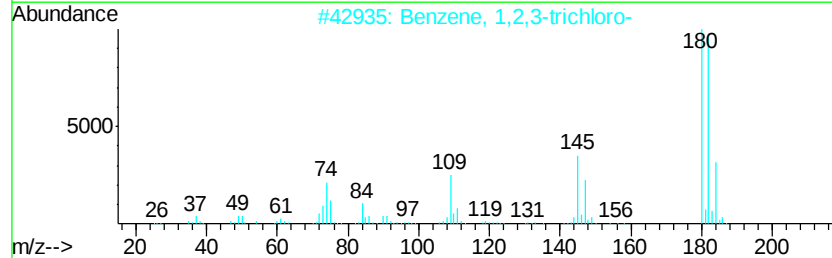
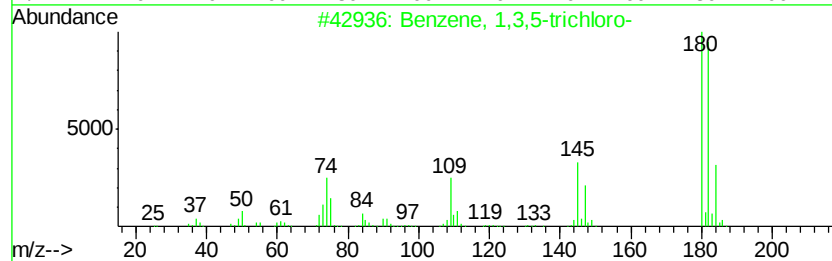
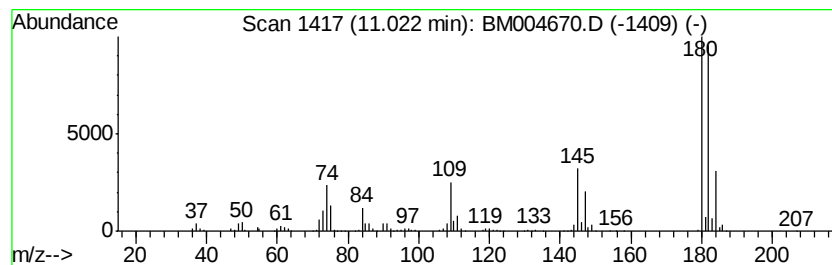
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	187.55 ng/ul	4919070	Naphthalene-d8	10.64

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004670.D
Acq On : 17 Mar 2016 17:21
Operator : UM/SJ
Sample : H1783-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4DL

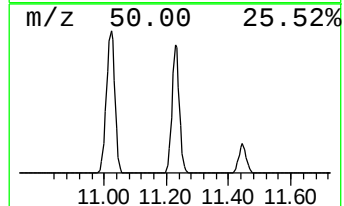
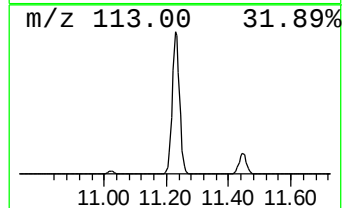
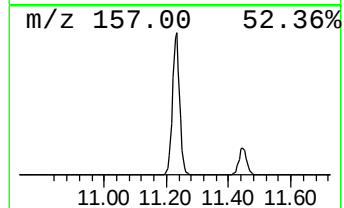
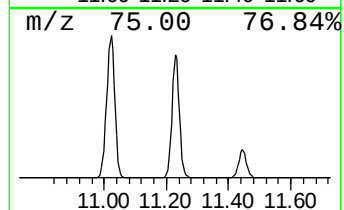
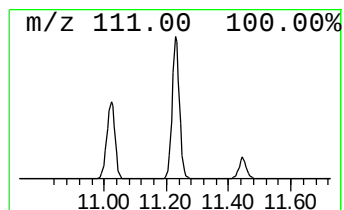
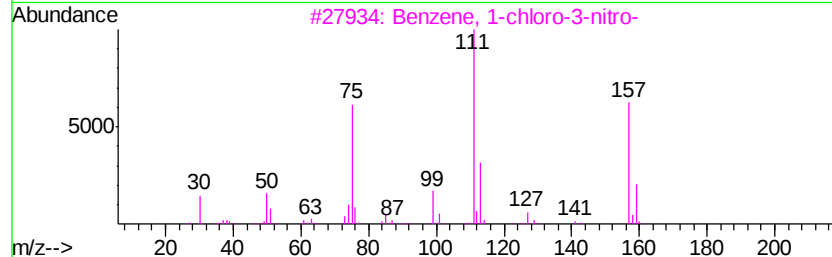
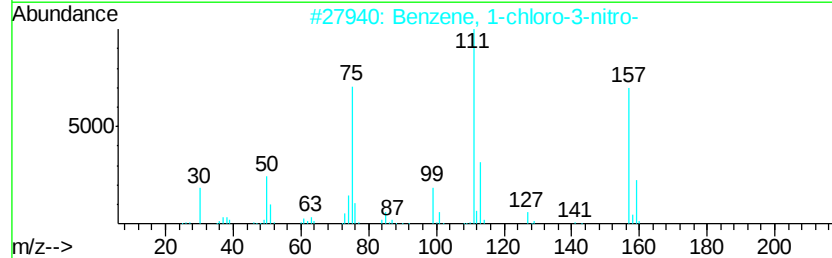
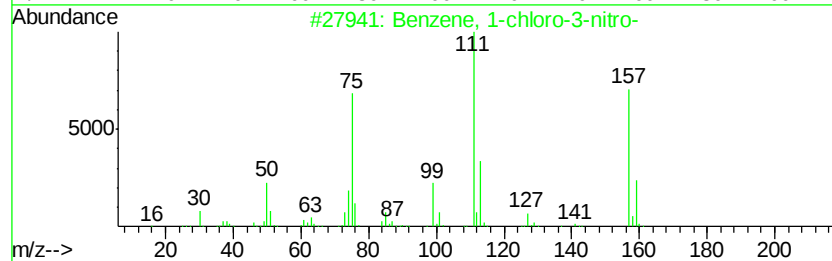
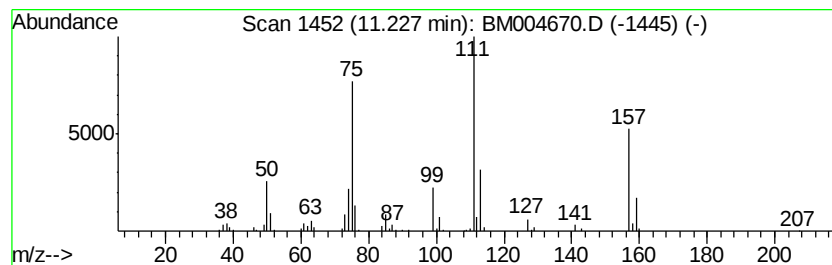
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	24.53 ng/ul	643457	Naphthalene-d8	10.64

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	91
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004670.D
Acq On : 17 Mar 2016 17:21
Operator : UM/SJ
Sample : H1783-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4DL

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
1,3-Hexadien-5-yne	2.99	3.7	ng/ul	3604980	1	7.86	19554400	20.0
Benzene, chloro-	5.19	12.9	ng/ul	12619000	1	7.86	19554400	20.0
Benzene, 1,2-dich...	7.75	8.8	ng/ul	8565120	1	7.86	19554400	20.0
Benzene, 1,4-dich...	7.91	20.0	ng/ul	19554400	1	7.86	19554400	20.0
Benzene, 1,3-dich...	8.24	22.9	ng/ul	22346700	1	7.86	19554400	20.0
Benzene, 1,3,5-tr...	10.51	373.5	ng/ul	9796380	2	10.64	524564	20.0
Benzene, 1,2,3-tr...	11.02	187.6	ng/ul	4919070	2	10.64	524564	20.0
Benzene, 1-chloro...	11.23	24.5	ng/ul	643457	2	10.64	524564	20.0