

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004651.D
 Acq On : 17 Mar 2016 00:45
 Operator : UM/SJ
 Sample : H1783-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2

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	73	rBV	4854913	10120305	15.93%	3.912%
2	5.287	416	442	446	rBV	8352791	56726584	89.27%	21.929%
3	7.763	851	863	874	rBV	5176629	18931416	29.79%	7.318%
4	7.957	874	896	901	rVV	6927903	36580163	57.57%	14.141%
5	8.345	931	962	966	rBV2	7885140	63544873	100.00%	24.565%
6	9.057	1078	1083	1095	rVB	971708	1599382	2.52%	0.618%
7	9.345	1124	1132	1140	rBV	579173	953532	1.50%	0.369%
8	10.257	1280	1287	1301	rBV	402731	746252	1.17%	0.288%
9	10.569	1321	1340	1345	rBV2	6389917	32314407	50.85%	12.492%
10	10.669	1351	1357	1361	rBV	441364	659092	1.04%	0.255%
11	11.051	1410	1422	1428	rBV	5778527	14902542	23.45%	5.761%
12	12.663	1692	1696	1704	rVB	590970	923604	1.45%	0.357%
13	13.274	1793	1800	1811	rVB	1939092	3132370	4.93%	1.211%
14	13.886	1895	1904	1909	rBV	862814	1217095	1.92%	0.470%
15	14.168	1945	1952	1960	rBV	1000562	1456526	2.29%	0.563%
16	14.474	1998	2004	2013	rBV2	545963	832577	1.31%	0.322%
17	15.468	2166	2173	2180	rBV	1244861	1835202	2.89%	0.709%
18	17.221	2464	2471	2476	rBV	698202	1017254	1.60%	0.393%
19	17.315	2481	2487	2499	rVB	1376281	2046156	3.22%	0.791%
20	19.609	2871	2877	2892	rVB2	1804996	2508603	3.95%	0.970%
21	21.397	3175	3181	3188	rBV	965846	1236911	1.95%	0.478%
22	23.550	3539	3547	3560	rBV	1087376	2136052	3.36%	0.826%
23	23.697	3564	3572	3582	rBV	508446	1001453	1.58%	0.387%
24	25.868	3932	3941	3963	rVB3	232791	797224	1.25%	0.308%
25	27.150	4149	4159	4175	rVB2	206908	761127	1.20%	0.294%
26	28.720	4415	4426	4443	rVB3	159991	704187	1.11%	0.272%

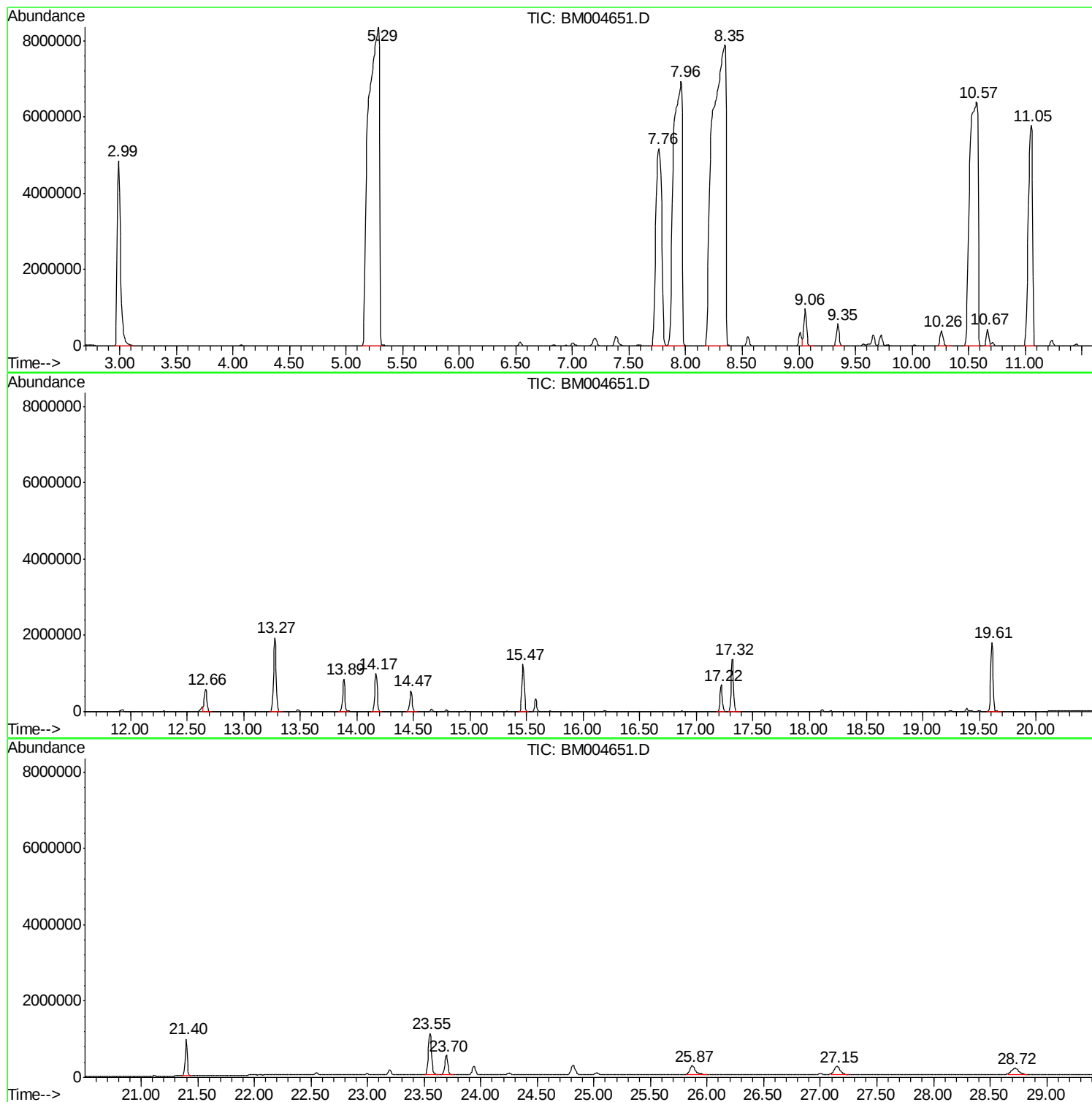
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Instrument :
BNA_M
ClientSampled :
C0AH2

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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Instrument :
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ClientSampleId :
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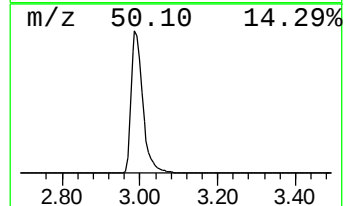
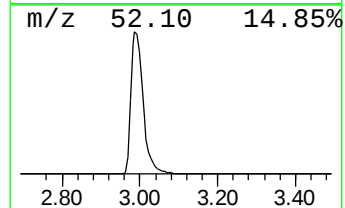
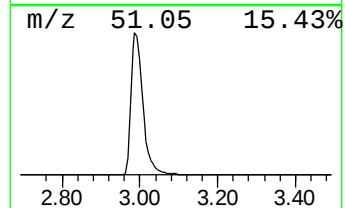
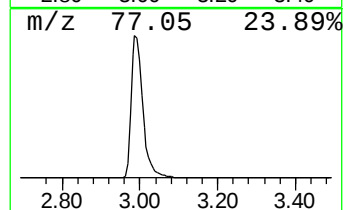
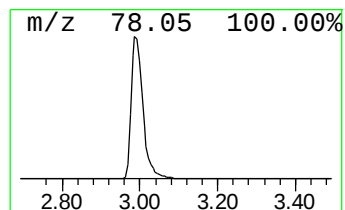
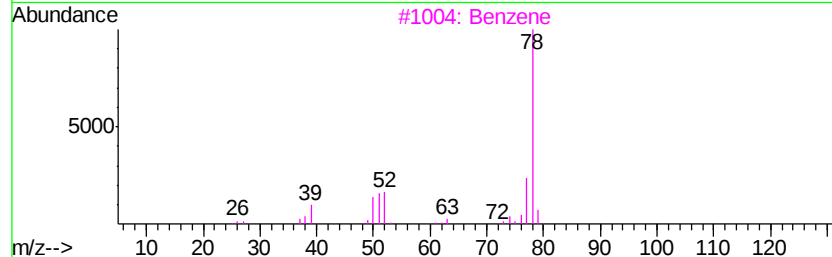
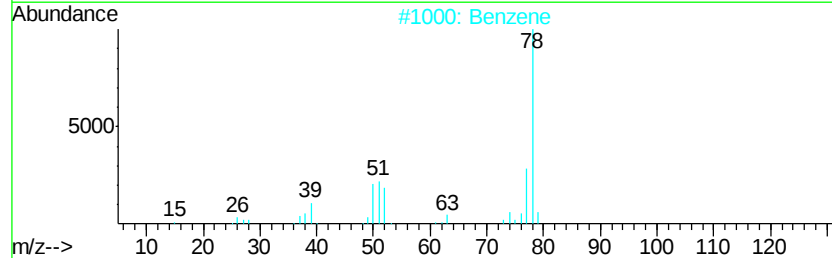
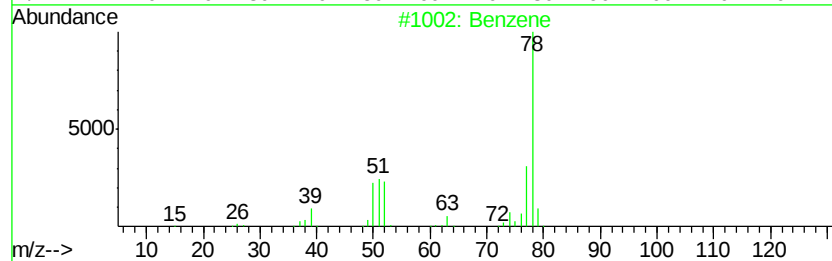
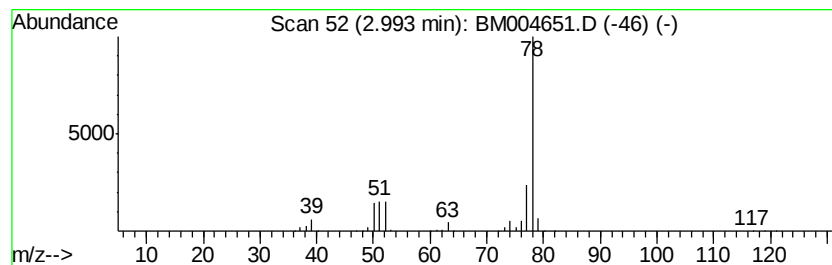
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	5.53 ng/ul	10120300	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene	78	C6H6	000071-43-2	95
2		Benzene	78	C6H6	000071-43-2	94
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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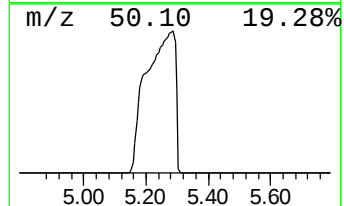
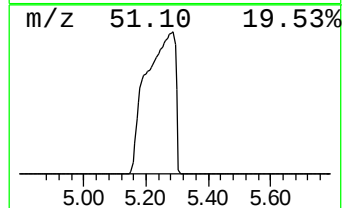
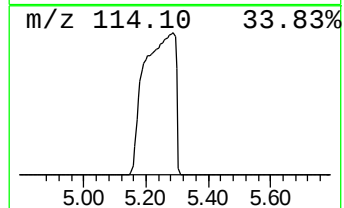
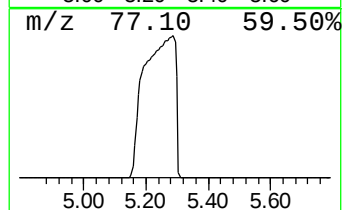
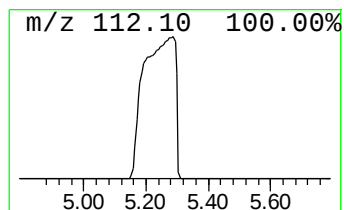
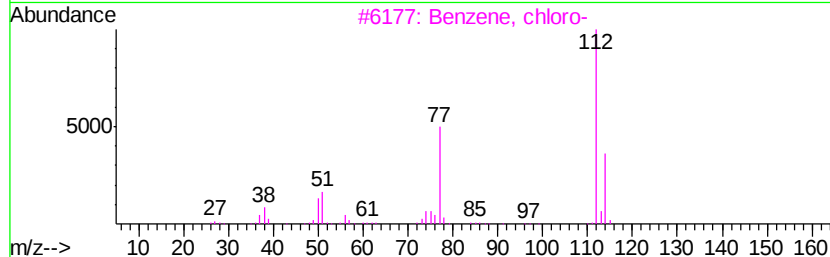
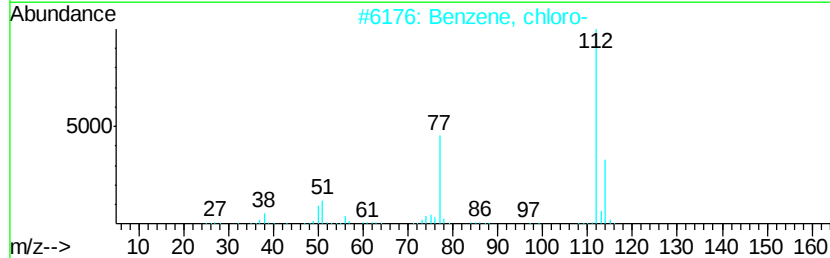
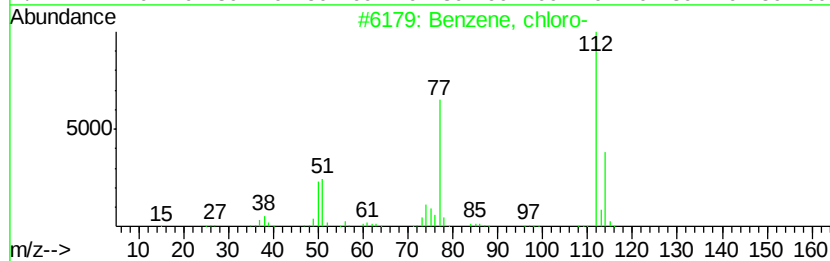
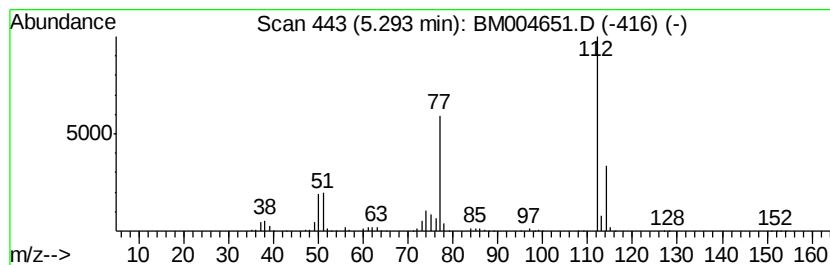
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	31.01 ng/ul	56726600	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	90
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	90
5		Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27



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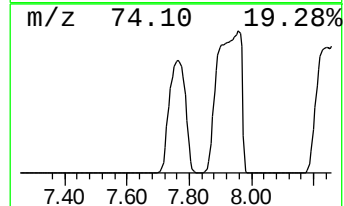
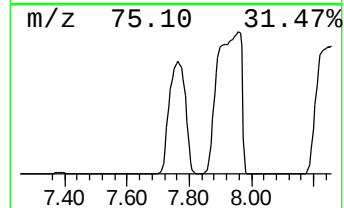
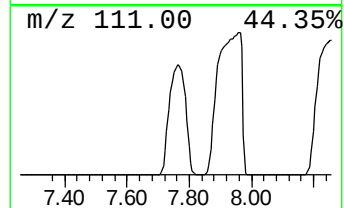
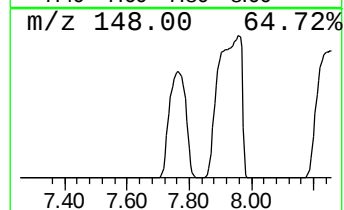
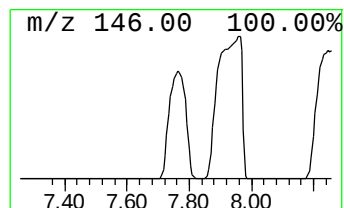
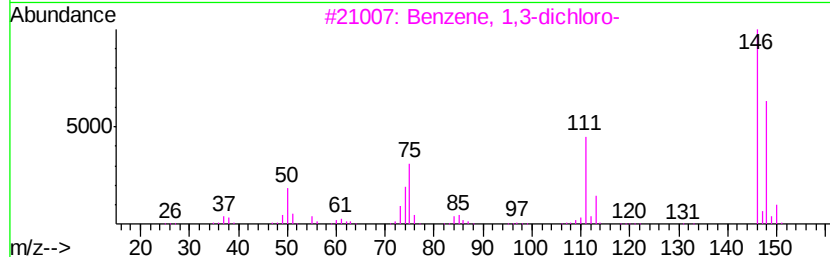
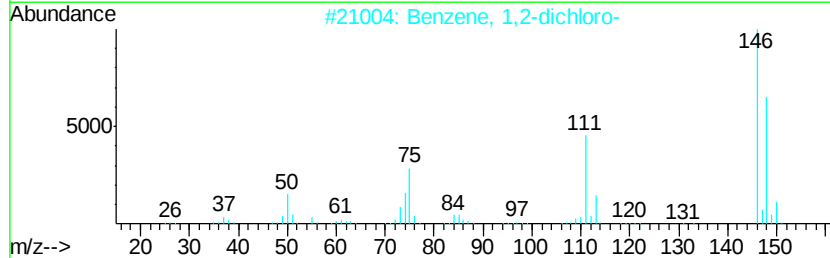
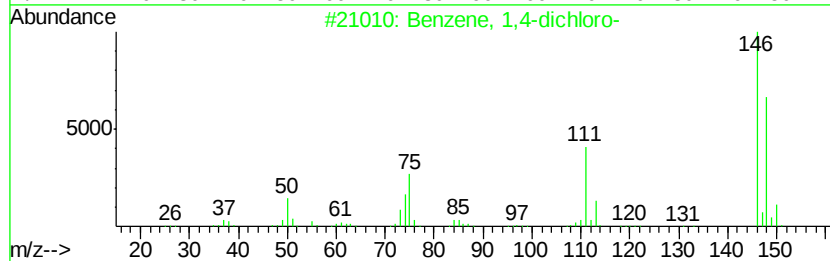
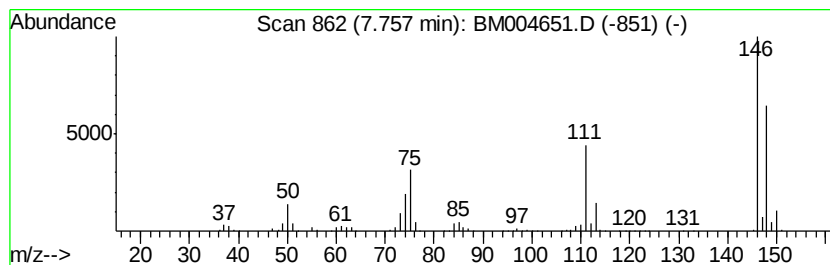
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	10.35 ng/ul	18931400	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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	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, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95



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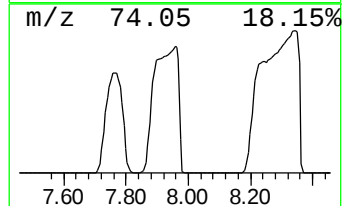
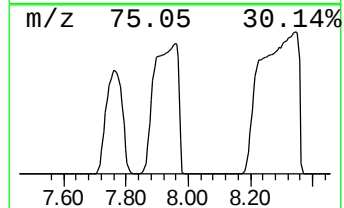
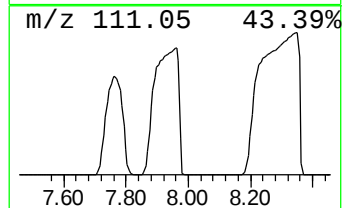
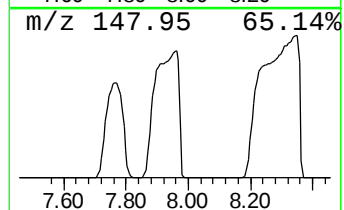
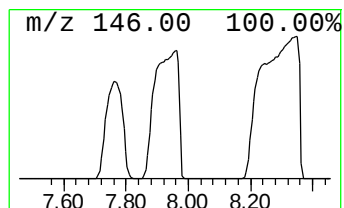
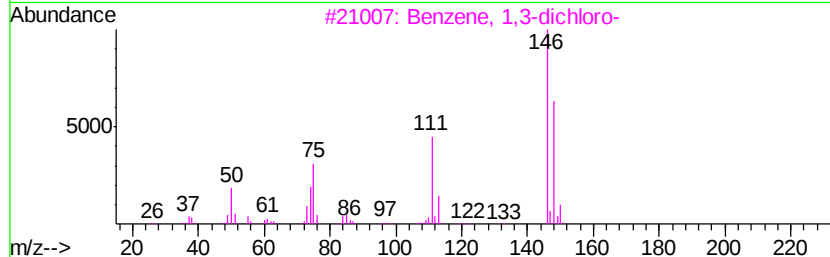
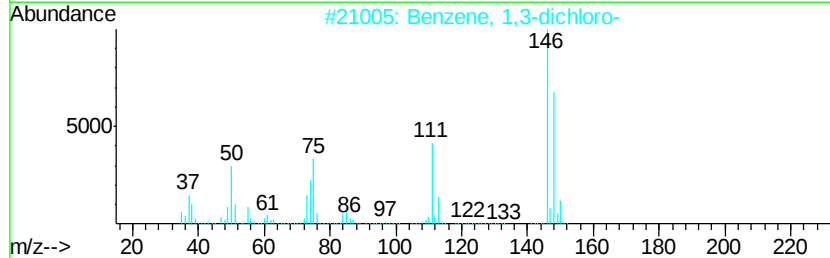
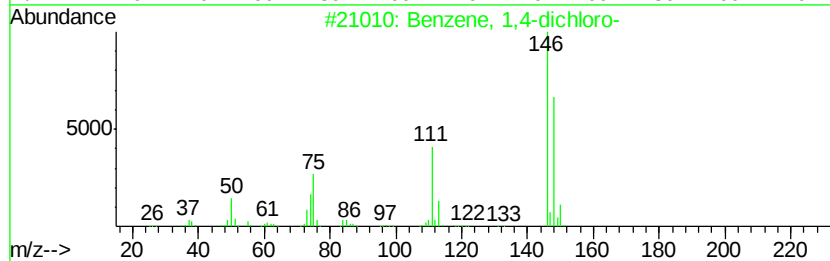
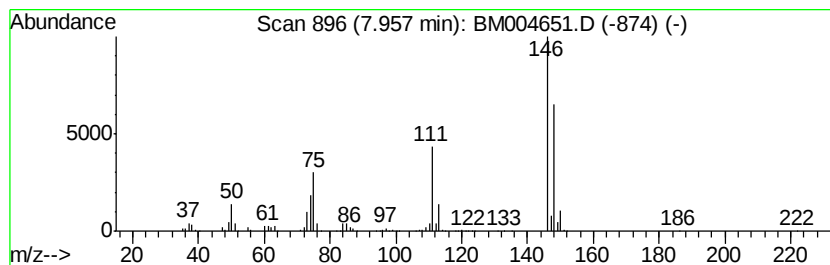
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	20.00 ng/ul	36580200	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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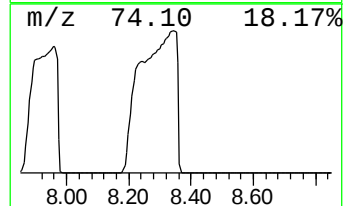
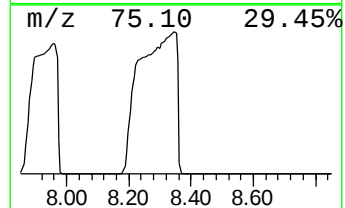
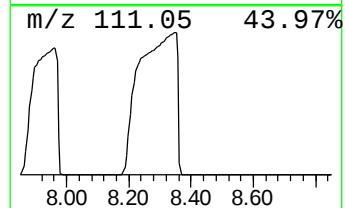
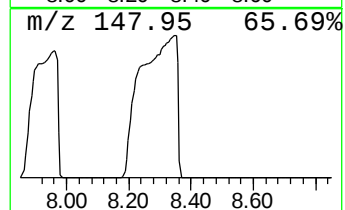
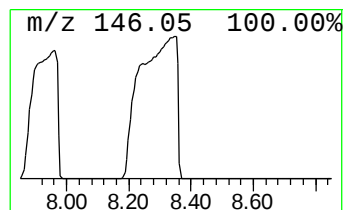
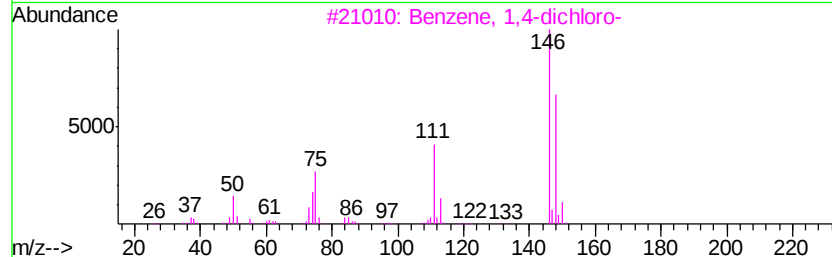
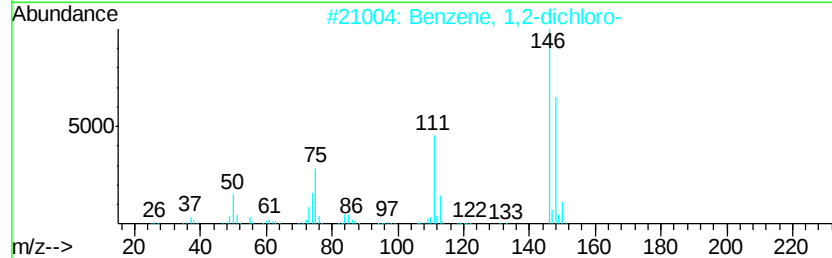
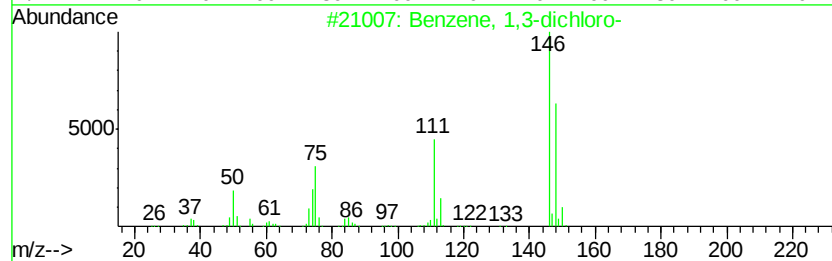
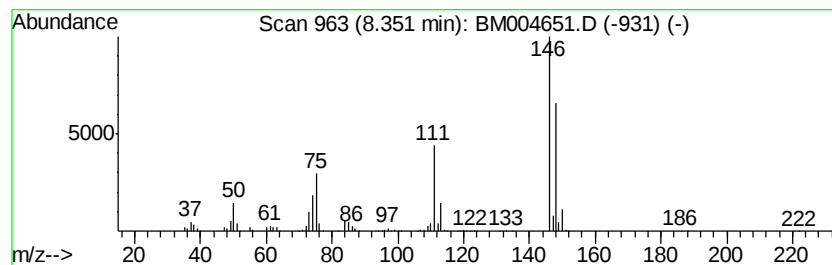
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1,2-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	34.74 ng/ul	63544900	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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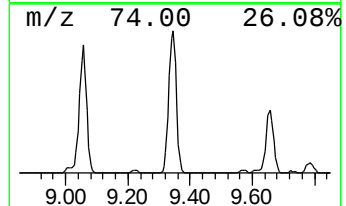
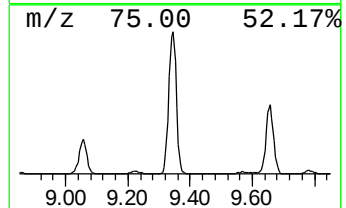
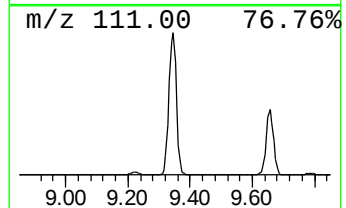
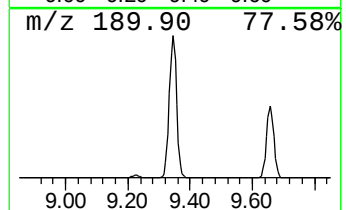
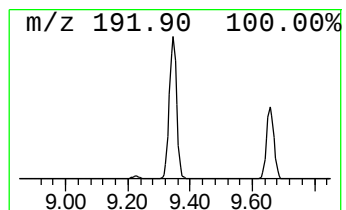
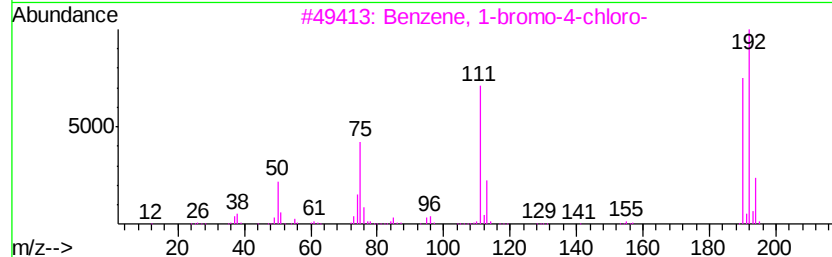
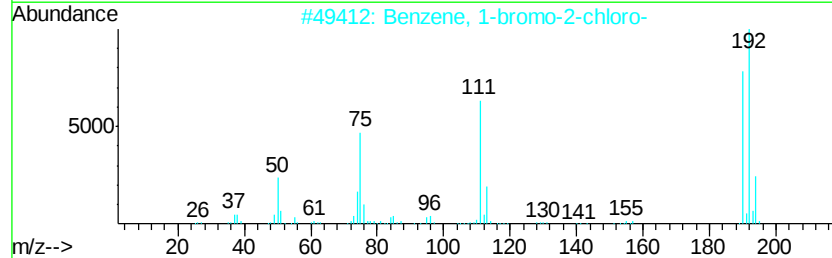
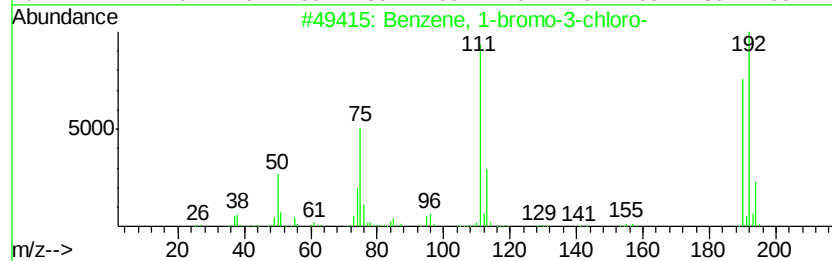
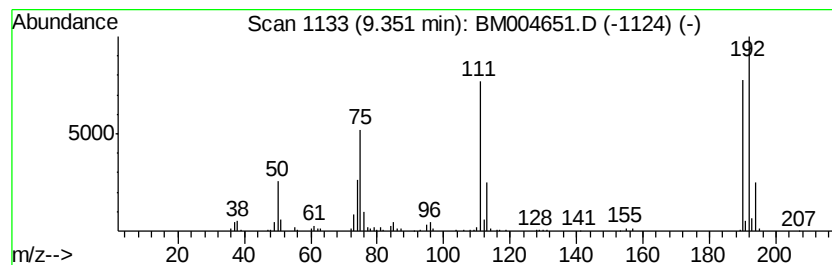
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	28.93 ng/ul	953532	Naphthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004651.D
Acq On : 17 Mar 2016 00:45
Operator : UM/SJ
Sample : H1783-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

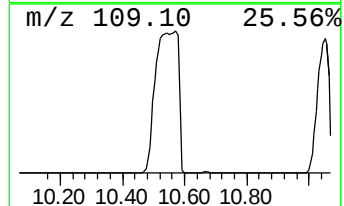
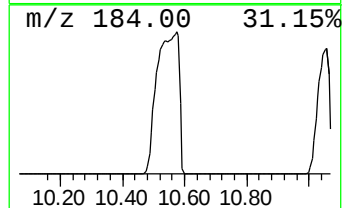
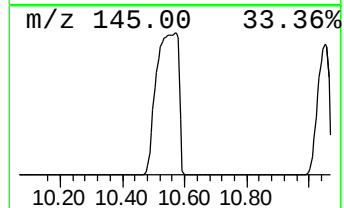
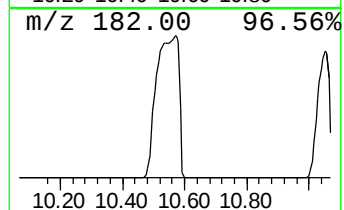
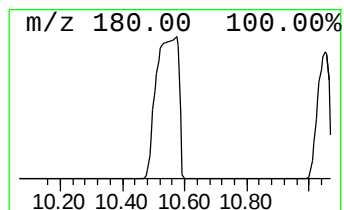
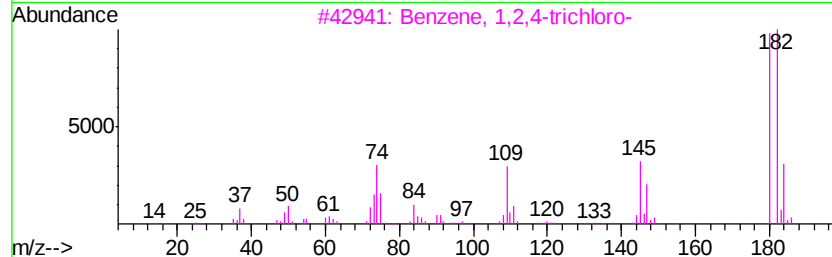
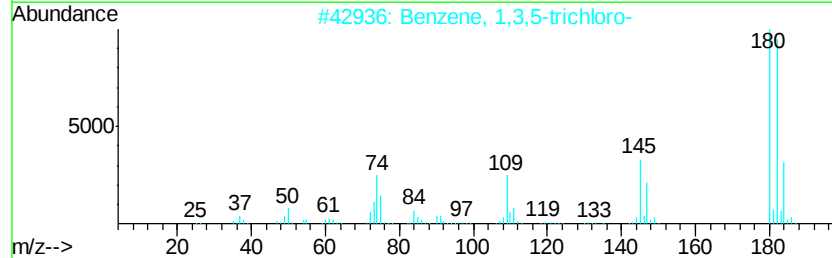
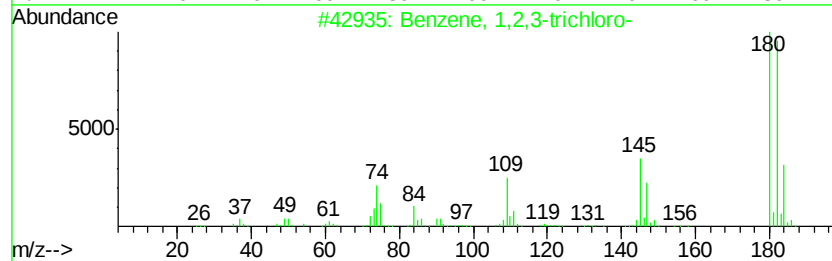
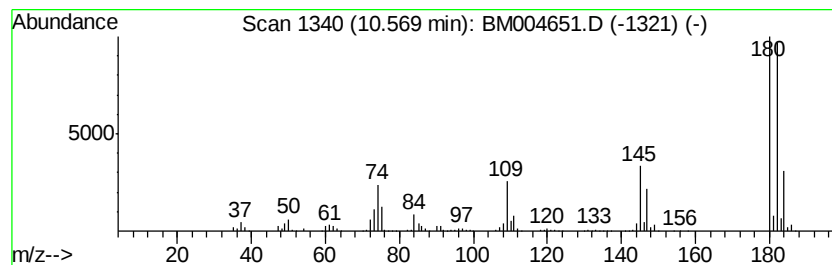
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.57	980.57 ng/ul	32314400	Naphthalene-d8	10.67		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98	
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98	
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004651.D
Acq On : 17 Mar 2016 00:45
Operator : UM/SJ
Sample : H1783-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

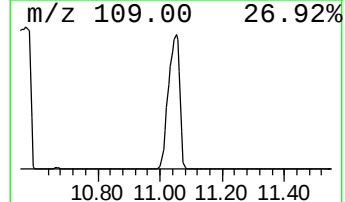
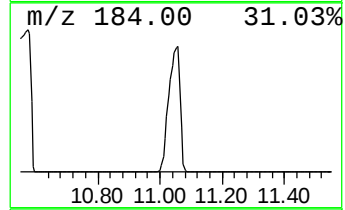
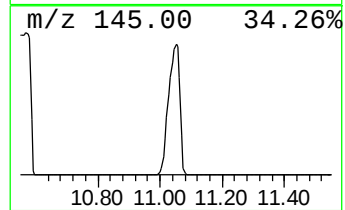
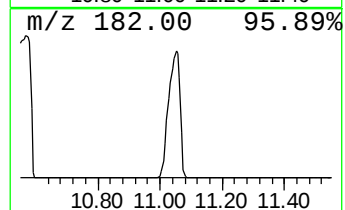
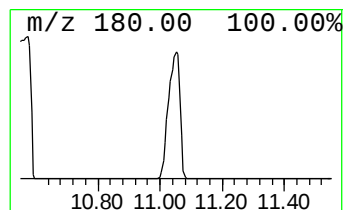
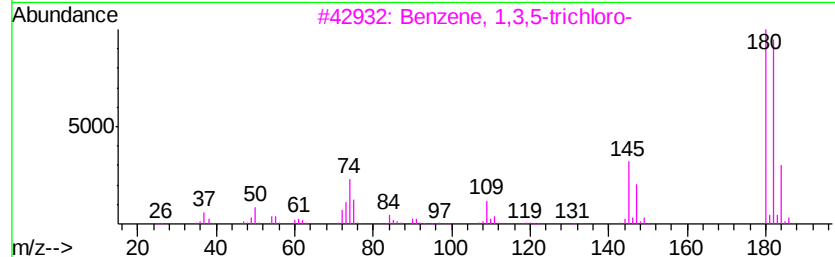
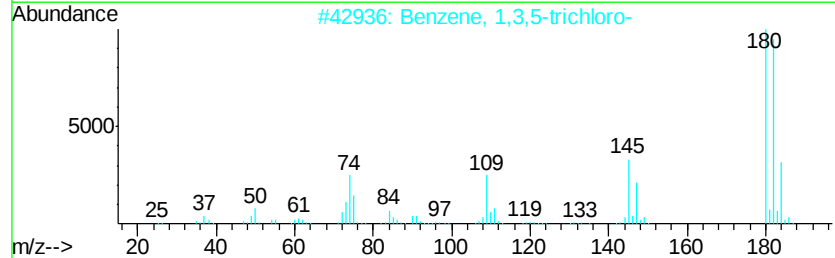
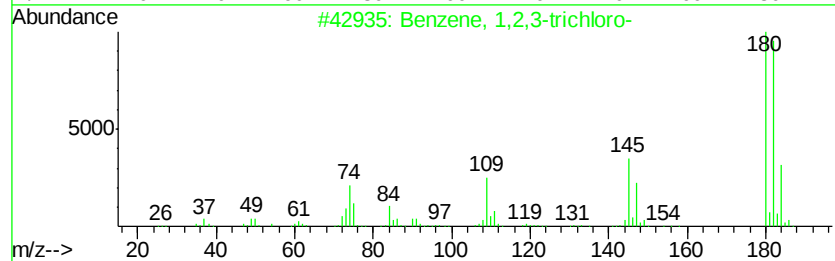
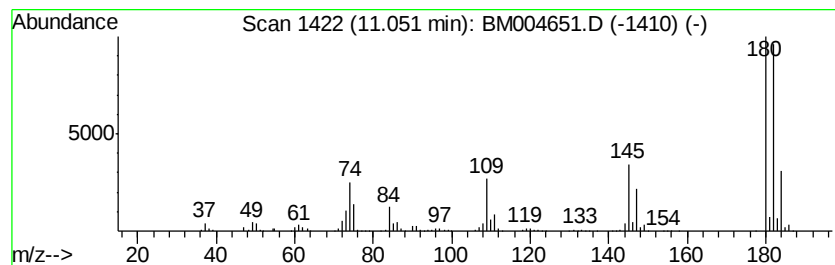
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Quant Title : SVOA CALIBRATION

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	452.21 ng/ul	14902500	Naphthalene-d8	10.67

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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
5		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004651.D
Acq On : 17 Mar 2016 00:45
Operator : UM/SJ
Sample : H1783-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

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
Benzene	2.99	5.5	ng/ul	10120300	1	7.87	36580200	20.0
Benzene, chloro-	5.29	31.0	ng/ul	56726600	1	7.87	36580200	20.0
Benzene, 1,4-dich...	7.76	10.4	ng/ul	18931400	1	7.87	36580200	20.0
Benzene, 1,3-dich...	7.96	20.0	ng/ul	36580200	1	7.87	36580200	20.0
Benzene, 1,2-dich...	8.35	34.7	ng/ul	63544900	1	7.87	36580200	20.0
Benzene, 1-bromo-...	9.35	28.9	ng/ul	953532	2	10.67	659092	20.0
Benzene, 1,2,3-tr...	10.57	980.6	ng/ul	32314400	2	10.67	659092	20.0
Benzene, 1,3,5-tr...	11.05	452.2	ng/ul	14902500	2	10.67	659092	20.0