

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004674.D
 Acq On : 17 Mar 2016 19:47
 Operator : UM/SJ
 Sample : H1783-11DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2DL

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	65	rVB	560582	743603	1.85%	0.435%
2	5.251	416	436	441	rBV	7542465	40217972	100.00%	23.551%
3	7.757	851	862	872	rBV	5615900	14806442	36.82%	8.671%
4	7.934	872	892	897	rBV	6351839	27172250	67.56%	15.912%
5	8.263	930	948	952	rBV	6297085	28673984	71.30%	16.791%
6	9.333	1123	1130	1138	rVB	807981	1335726	3.32%	0.782%
7	9.651	1179	1184	1190	rVV	430532	805586	2.00%	0.472%
8	10.280	1281	1291	1295	rBV2	217239	681406	1.69%	0.399%
9	10.557	1321	1338	1343	rBV5	6148765	29125346	72.42%	17.056%
10	10.657	1349	1355	1360	rBV	377294	568335	1.41%	0.333%
11	11.045	1409	1421	1427	rBV	5578156	14069751	34.98%	8.239%
12	12.663	1692	1696	1704	rVB	589705	902265	2.24%	0.528%
13	13.274	1793	1800	1811	rVB	2459604	3912657	9.73%	2.291%
14	13.880	1894	1903	1908	rBV	341312	556457	1.38%	0.326%
15	14.168	1945	1952	1961	rBV	391116	561922	1.40%	0.329%
16	14.474	1998	2004	2013	rBV2	474337	740511	1.84%	0.434%
17	15.468	2166	2173	2184	rBV	492478	713806	1.77%	0.418%
18	17.221	2464	2471	2477	rBV2	558053	818611	2.04%	0.479%
19	17.315	2481	2487	2500	rBV	523710	734140	1.83%	0.430%
20	19.609	2871	2877	2888	rBV	642875	872724	2.17%	0.511%
21	21.403	3177	3182	3189	rBV	789641	983692	2.45%	0.576%
22	23.556	3541	3548	3558	rVB	443849	837022	2.08%	0.490%
23	23.703	3566	3573	3585	rVB2	478090	933391	2.32%	0.547%

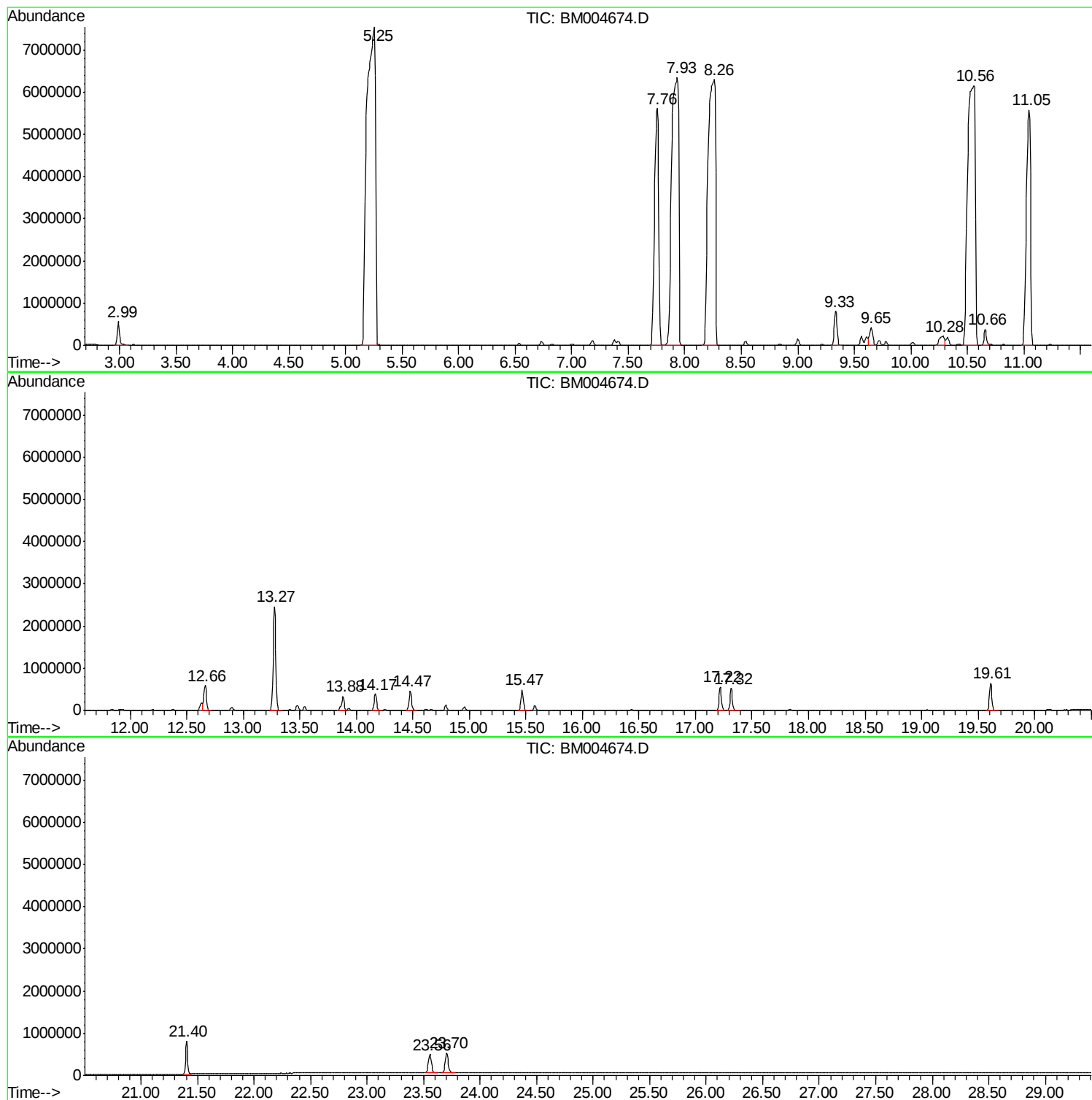
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ClientSampled :
C0AB2DL

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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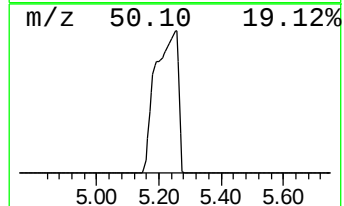
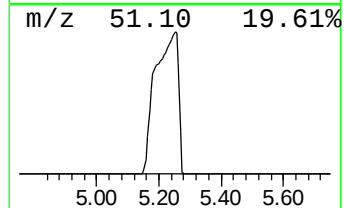
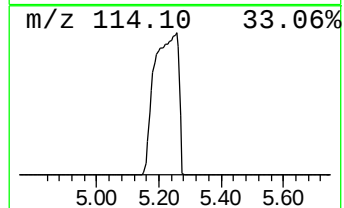
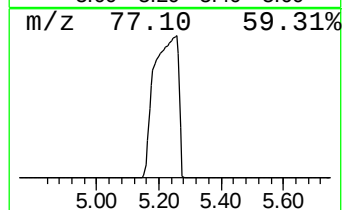
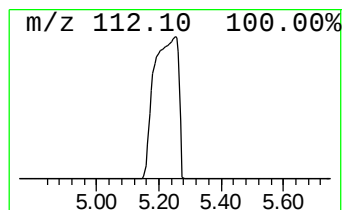
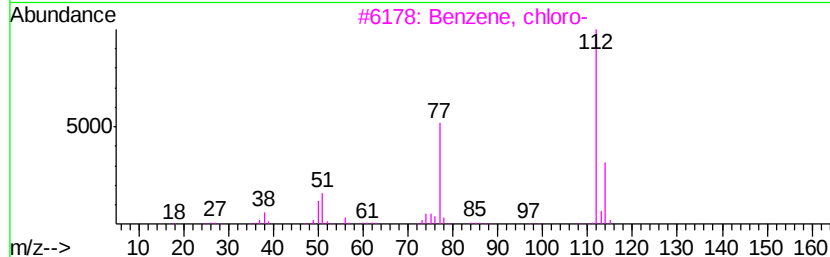
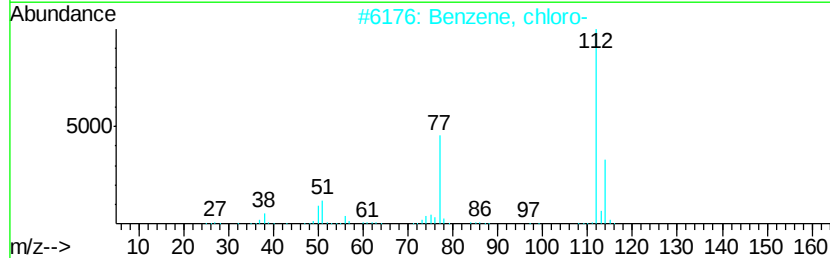
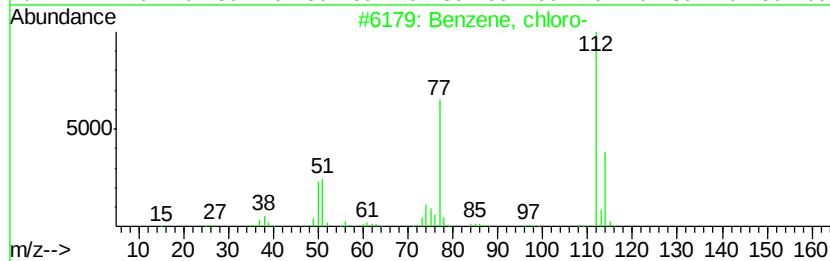
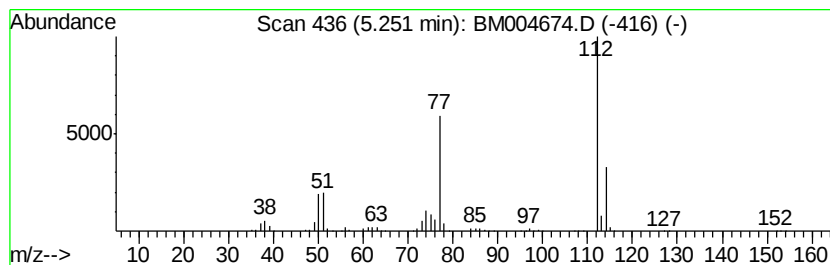
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	29.60 ng/ul	40218000	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	90
5		Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27



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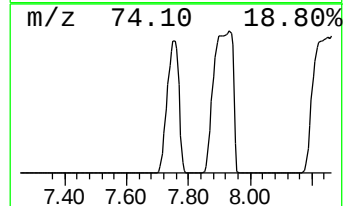
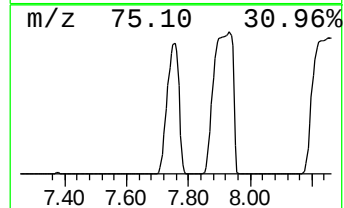
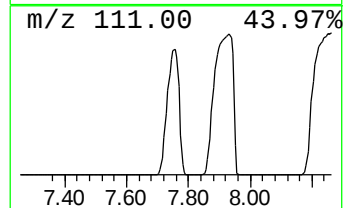
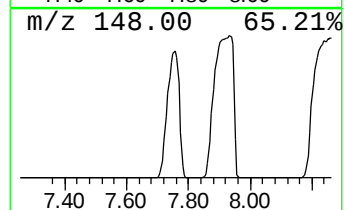
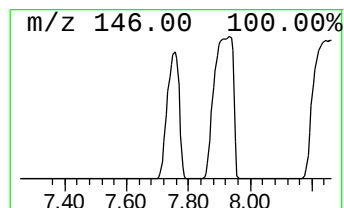
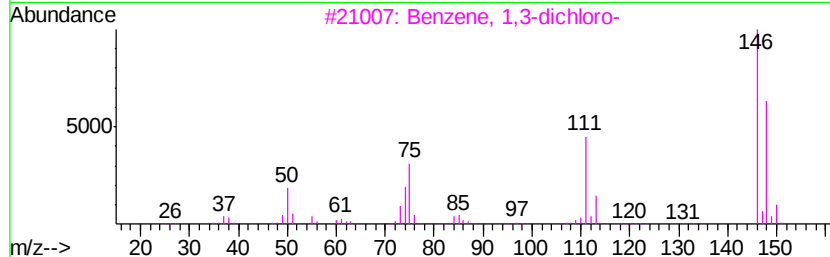
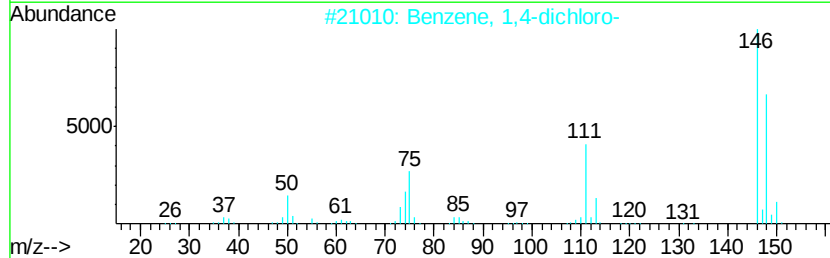
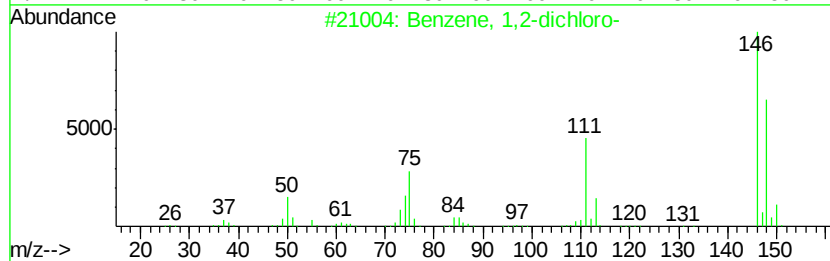
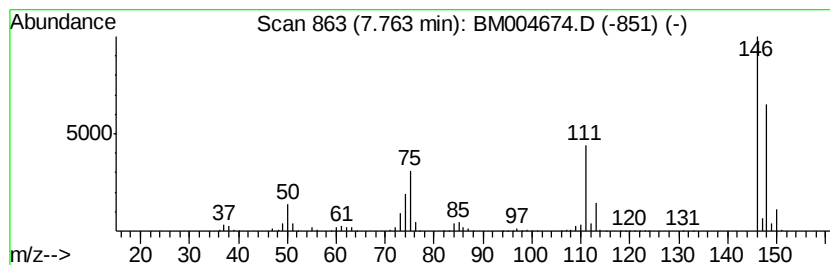
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	10.90 ng/ul	14806400	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, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96



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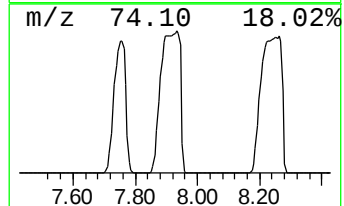
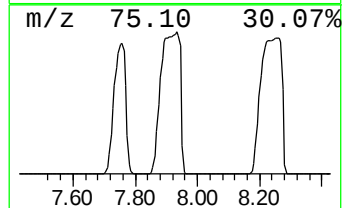
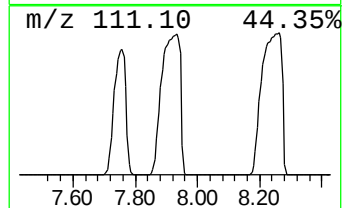
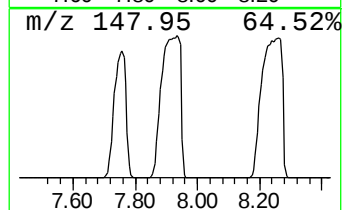
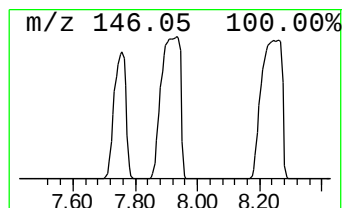
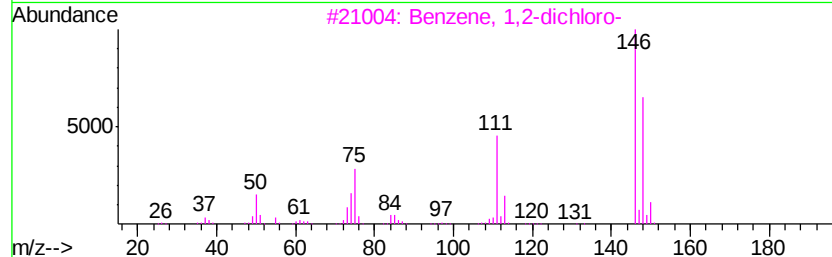
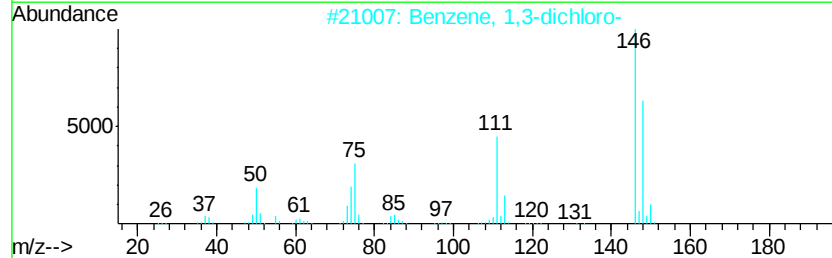
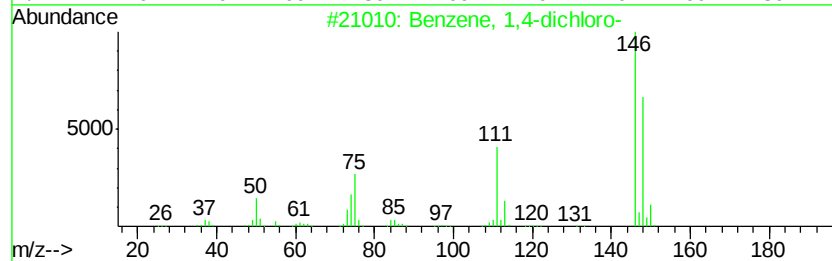
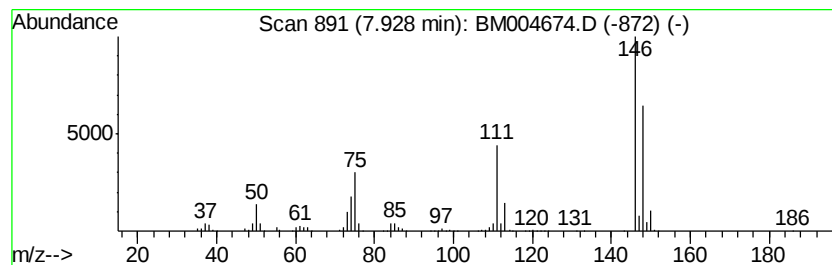
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	20.00 ng/ul	27172300	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, 1,3-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	96
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96



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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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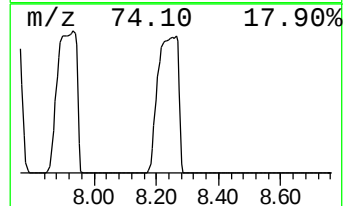
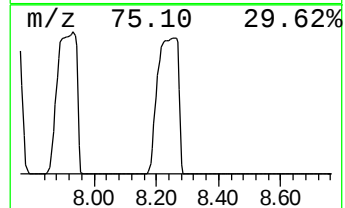
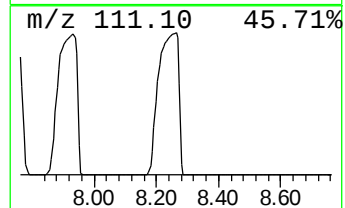
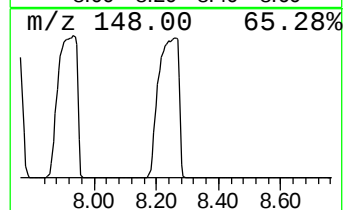
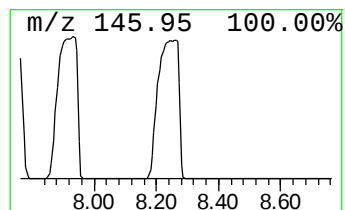
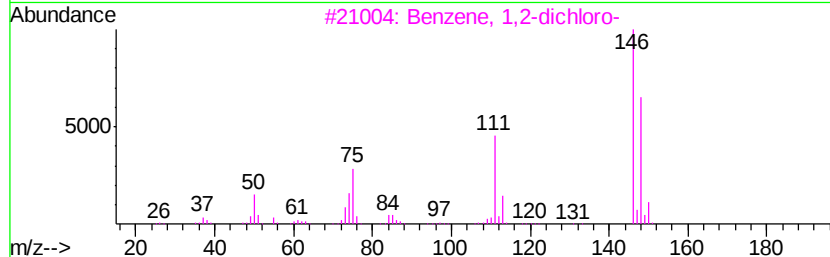
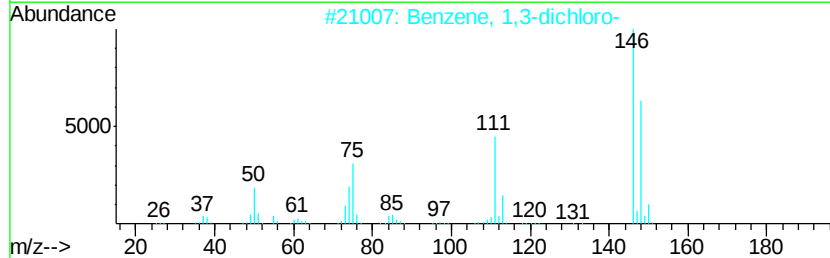
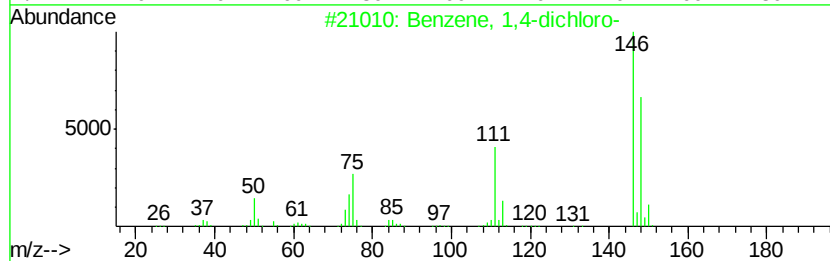
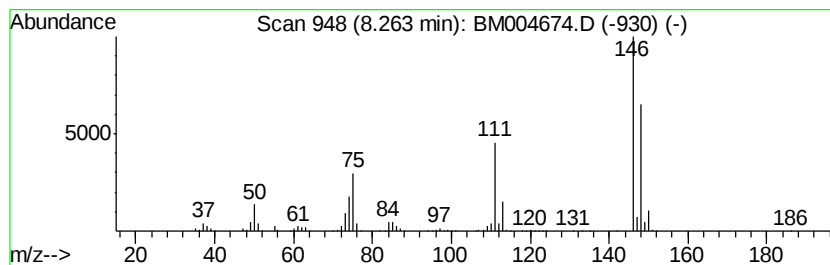
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	21.11 ng/ul	28674000	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, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96



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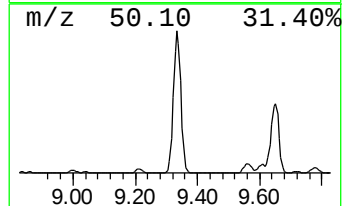
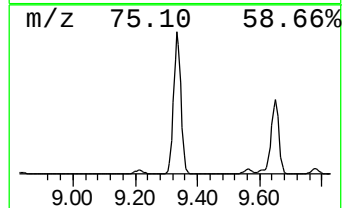
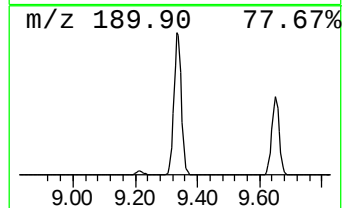
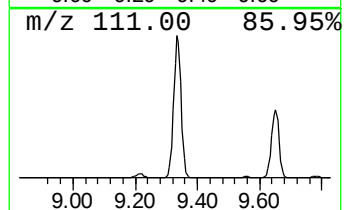
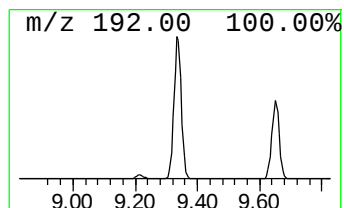
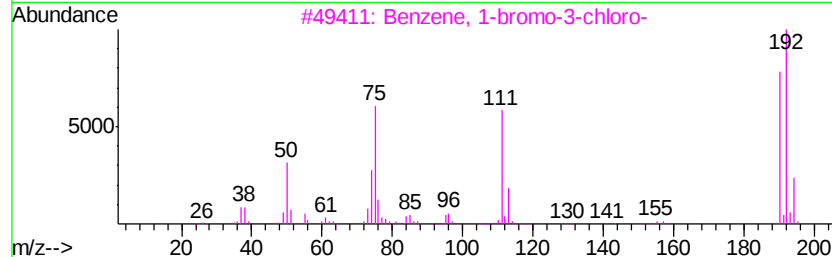
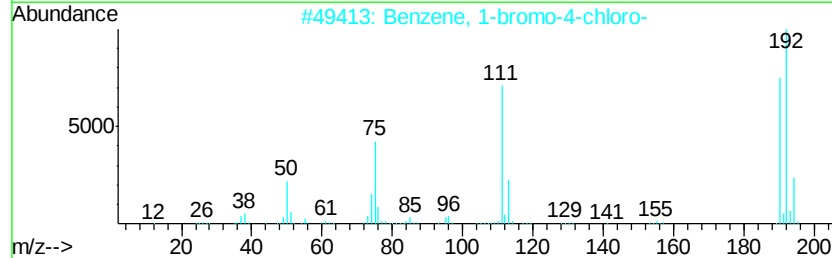
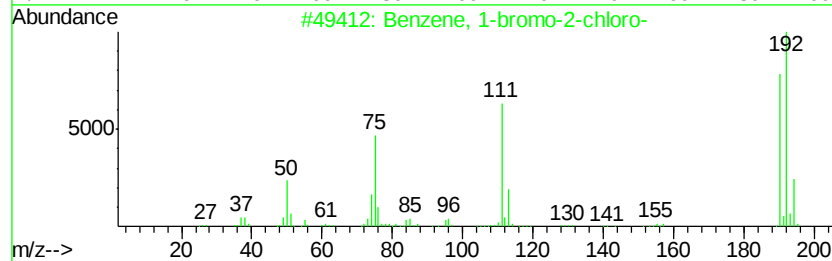
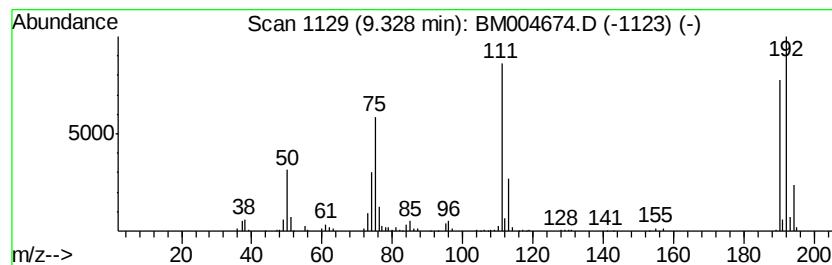
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	47.00 ng/ul	1335730	Naphthalene-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		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96



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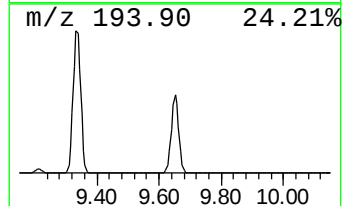
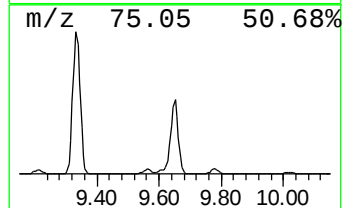
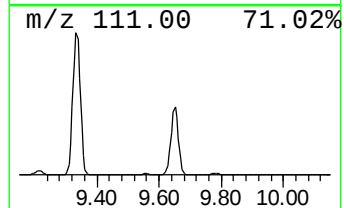
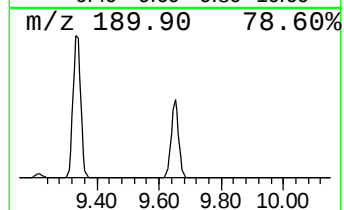
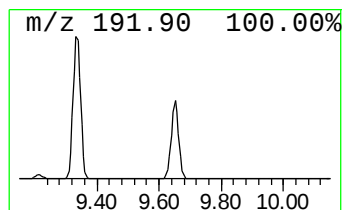
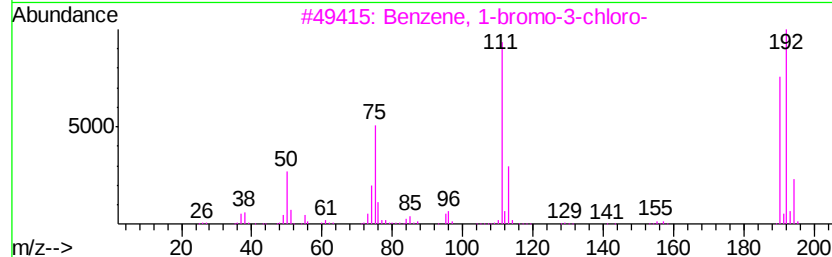
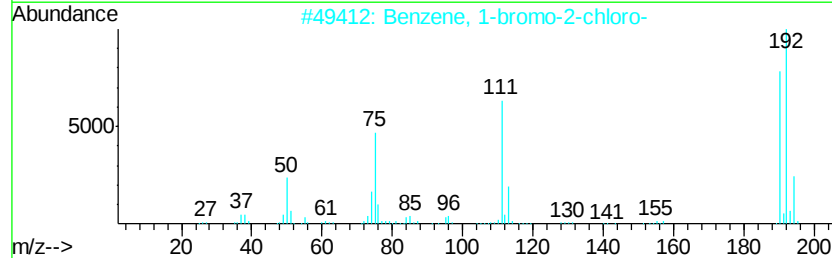
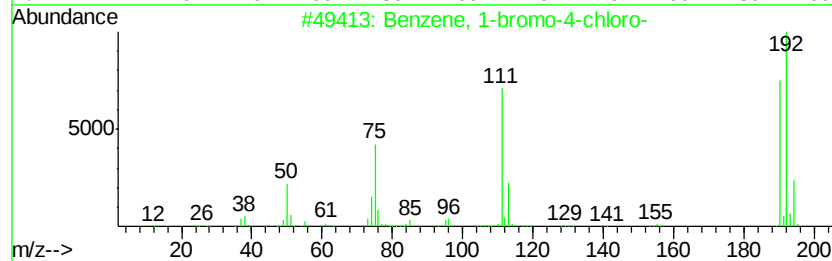
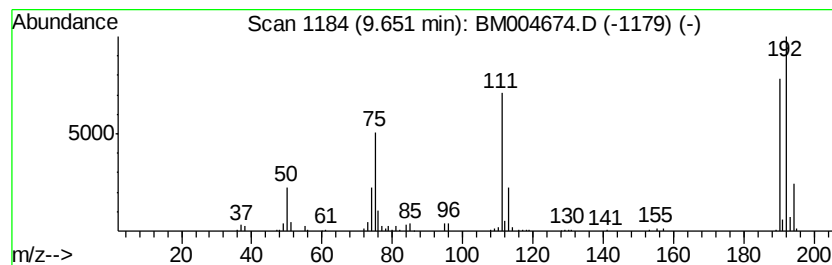
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-bromo-4-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	28.35 ng/ul	805586	Napthalene-d8	10.66

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004674.D
Acq On : 17 Mar 2016 19:47
Operator : UM/SJ
Sample : H1783-11DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

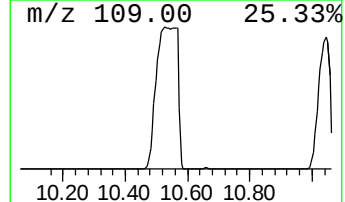
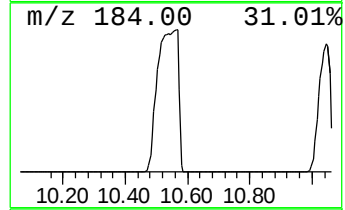
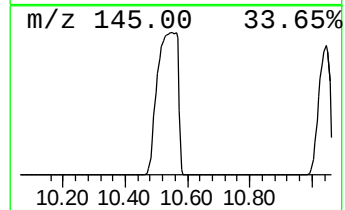
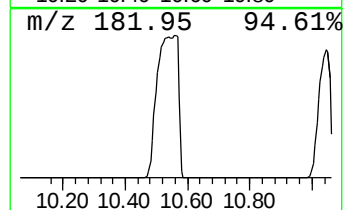
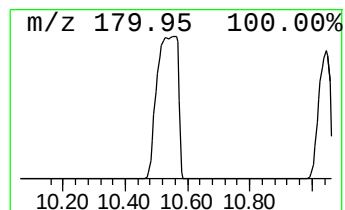
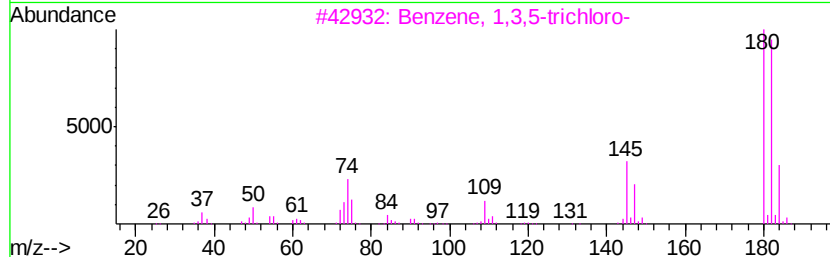
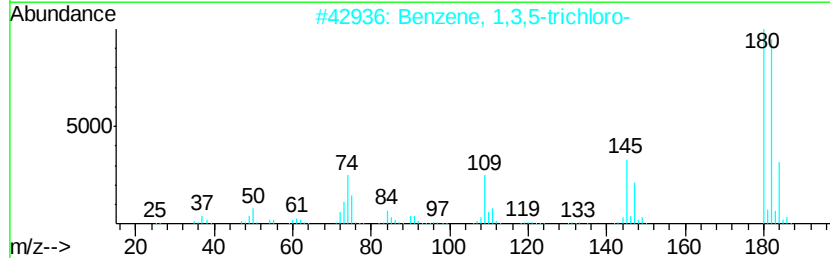
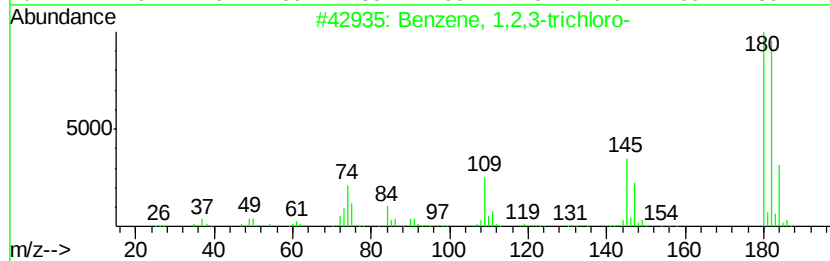
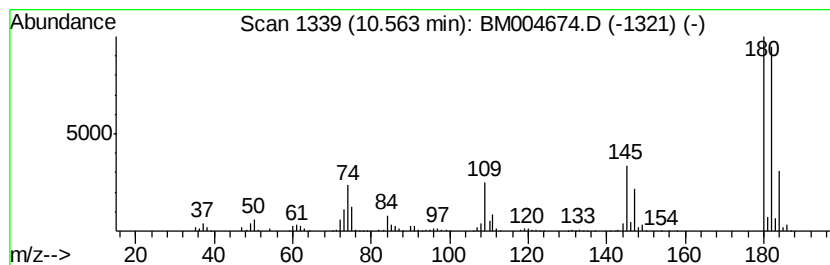
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Quant Title : SVOA CALIBRATION

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.
10.56	1024.94 ng/ul	29125300	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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004674.D
Acq On : 17 Mar 2016 19:47
Operator : UM/SJ
Sample : H1783-11DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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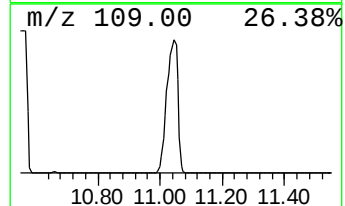
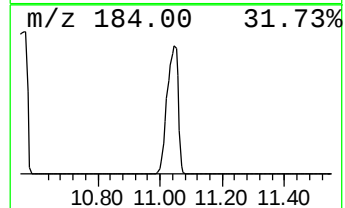
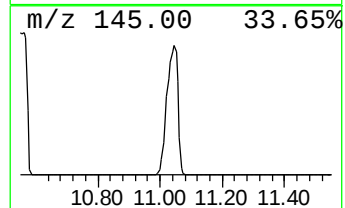
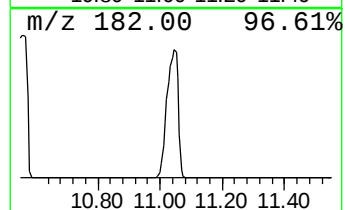
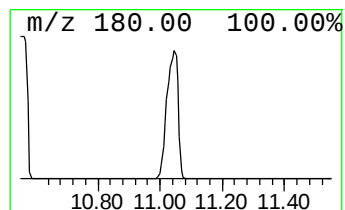
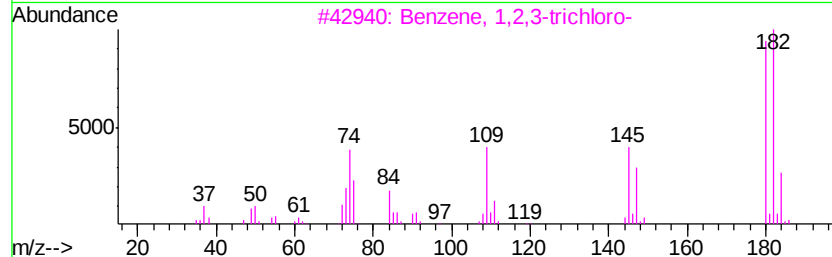
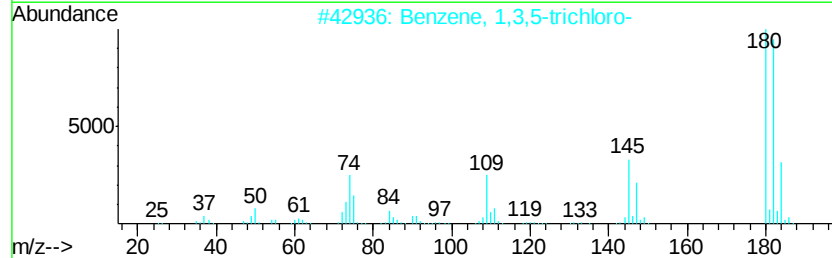
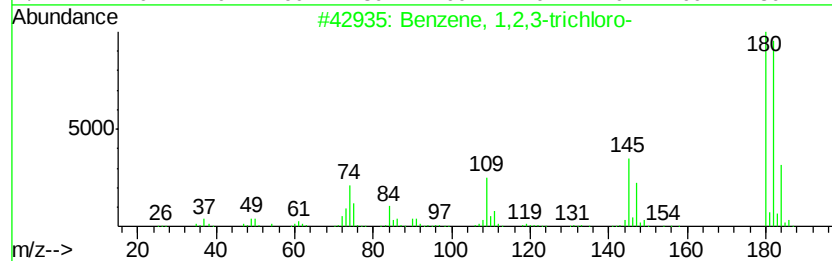
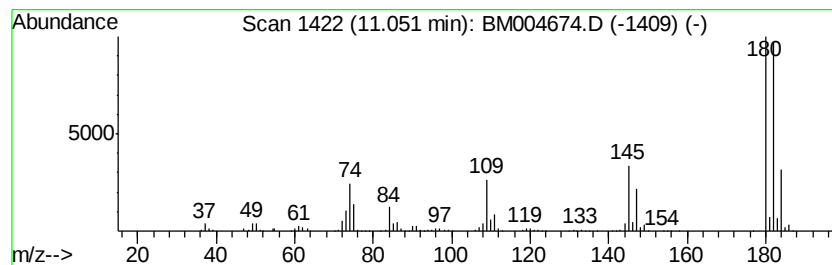
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Quant Title : SVOA CALIBRATION

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	495.12 ng/ul	14069800	Naphthalene-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\BM031716\
Data File : BM004674.D
Acq On : 17 Mar 2016 19:47
Operator : UM/SJ
Sample : H1783-11DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

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, chloro-	5.25	29.6	ng/ul	40218000	1	7.86	27172300	20.0
Benzene, 1,2-dich...	7.76	10.9	ng/ul	14806400	1	7.86	27172300	20.0
Benzene, 1,4-dich...	7.93	20.0	ng/ul	27172300	1	7.86	27172300	20.0
Benzene, 1,3-dich...	8.26	21.1	ng/ul	28674000	1	7.86	27172300	20.0
Benzene, 1-bromo-...	9.33	47.0	ng/ul	1335730	2	10.66	568335	20.0
Benzene, 1-bromo-...	9.65	28.4	ng/ul	805586	2	10.66	568335	20.0
Benzene, 1,2,3-tr...	10.56	1024.9	ng/ul	29125300	2	10.66	568335	20.0
Benzene, 1,3,5-tr...	11.05	495.1	ng/ul	14069800	2	10.66	568335	20.0