

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004638.D
 Acq On : 16 Mar 2016 16:15
 Operator : UM/SJ
 Sample : H1783-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

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	79	rVB	4466558	7594308	15.50%	5.257%
2	5.199	417	427	442	rBV	6361930	16292261	33.26%	11.278%
3	7.751	851	861	872	rBV	3650388	8643845	17.65%	5.983%
4	7.928	872	891	897	rBV3	6387931	26708967	54.52%	18.489%
5	8.310	930	956	960	rBV	7386468	48985455	100.00%	33.909%
6	9.051	1077	1082	1093	rVB	1024452	1732723	3.54%	1.199%
7	10.257	1280	1287	1298	rVB	330992	551059	1.12%	0.381%
8	10.522	1320	1332	1338	rBV	5405578	12673205	25.87%	8.773%
9	10.645	1346	1353	1360	rBV	336205	542834	1.11%	0.376%
10	11.028	1409	1418	1426	rBV	3310847	6174983	12.61%	4.274%
11	11.234	1447	1453	1460	rVB	452290	730504	1.49%	0.506%
12	12.663	1691	1696	1703	rVB	351357	567475	1.16%	0.393%
13	13.275	1793	1800	1807	rBV	1127896	1733729	3.54%	1.200%
14	13.886	1896	1904	1916	rVB	613739	847515	1.73%	0.587%
15	14.169	1946	1952	1960	rBV	694432	1035449	2.11%	0.717%
16	14.480	1997	2005	2012	rBV2	427670	664548	1.36%	0.460%
17	15.469	2167	2173	2184	rVB	904137	1297501	2.65%	0.898%
18	17.221	2465	2471	2477	rBV2	563304	783461	1.60%	0.542%
19	17.321	2481	2488	2501	rBV	972199	1414730	2.89%	0.979%
20	19.609	2871	2877	2890	rBV	1218102	1707906	3.49%	1.182%
21	21.403	3177	3182	3188	rBV	800905	1015091	2.07%	0.703%
22	23.556	3541	3548	3562	rVB	917143	1782303	3.64%	1.234%
23	23.703	3566	3573	3581	rVB	499468	981756	2.00%	0.680%

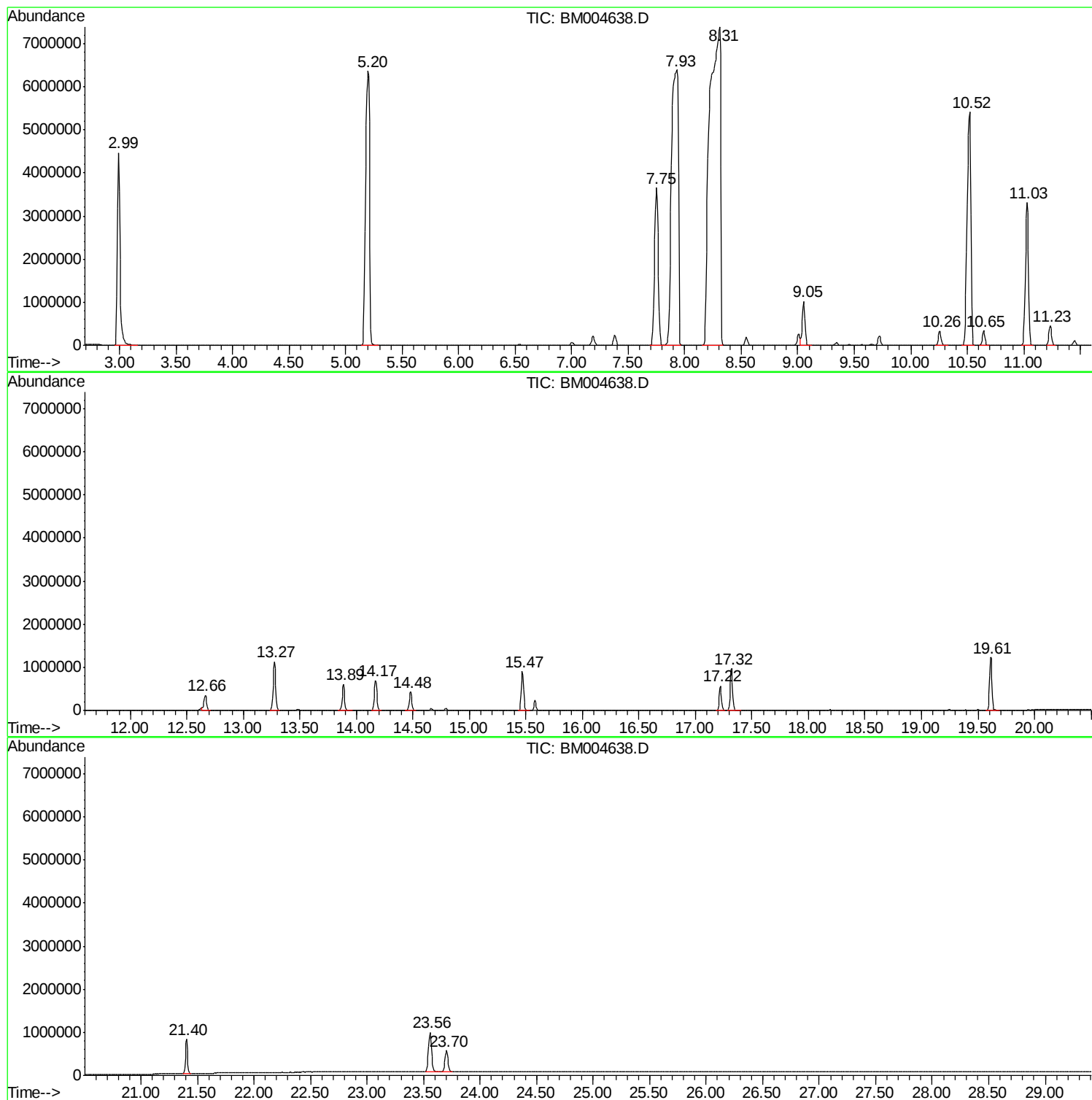
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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ClientSampleId :
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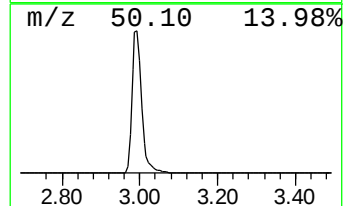
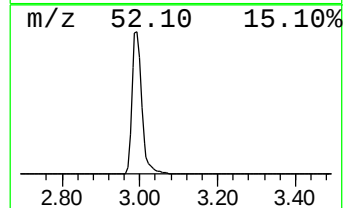
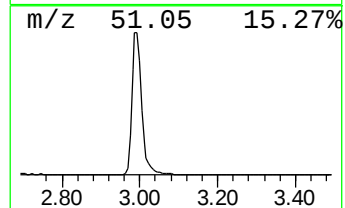
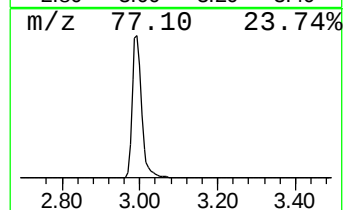
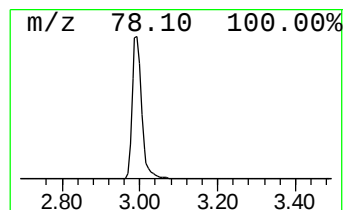
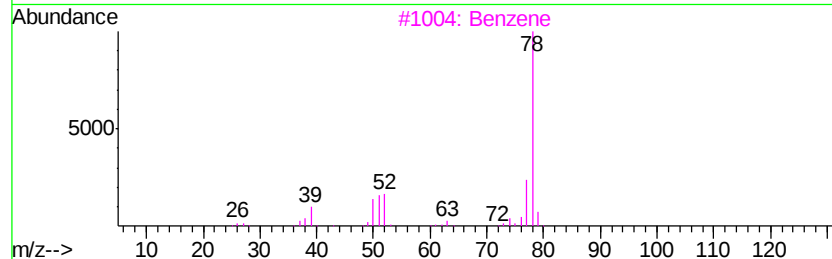
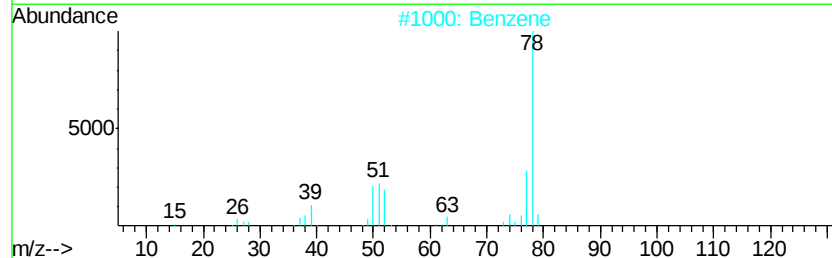
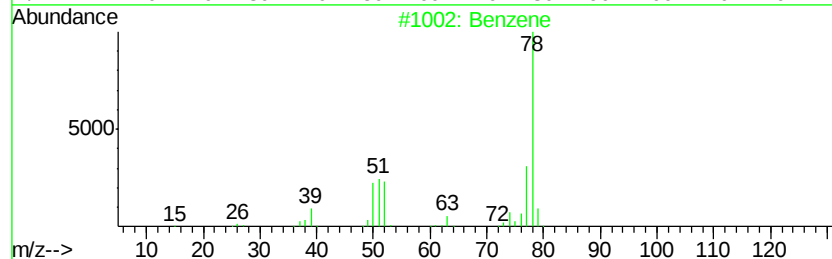
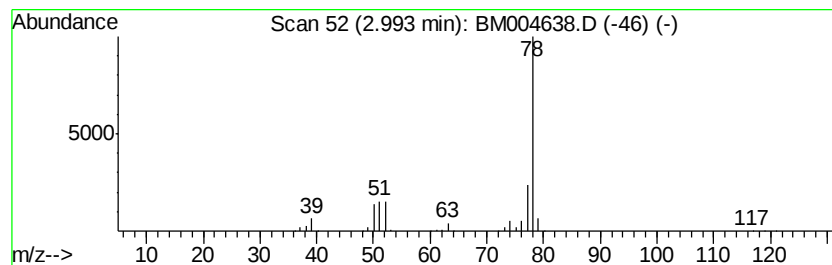
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	5.69 ng/ul	7594310	1,4-Dichlorobenzene-d4	7.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene		78	C6H6	000071-43-2	96
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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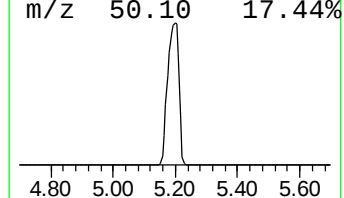
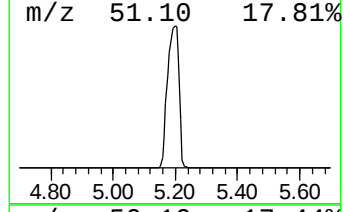
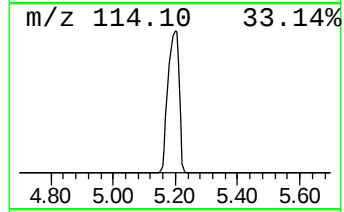
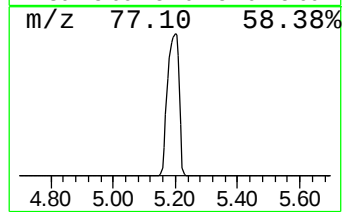
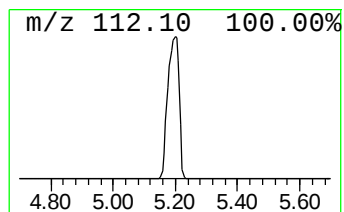
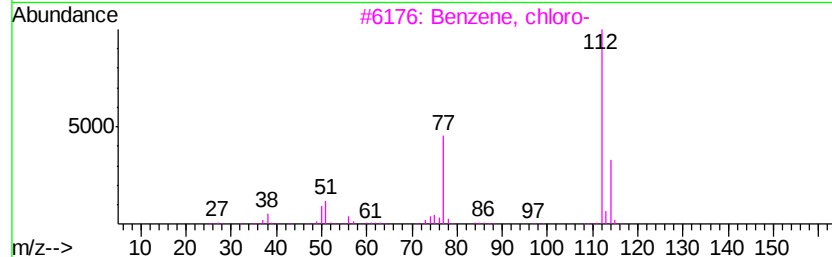
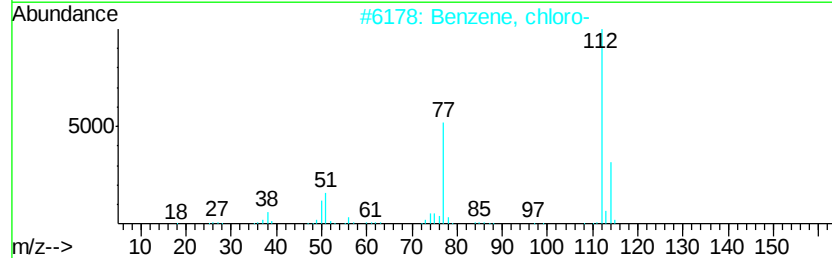
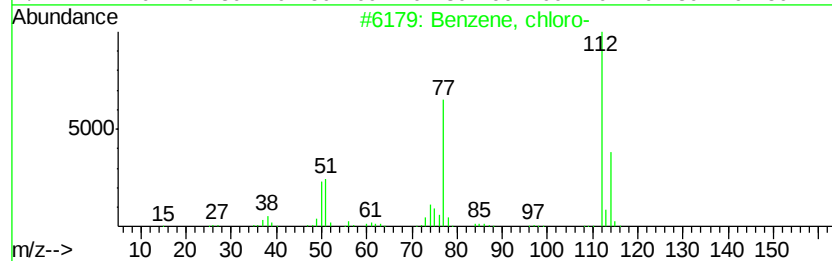
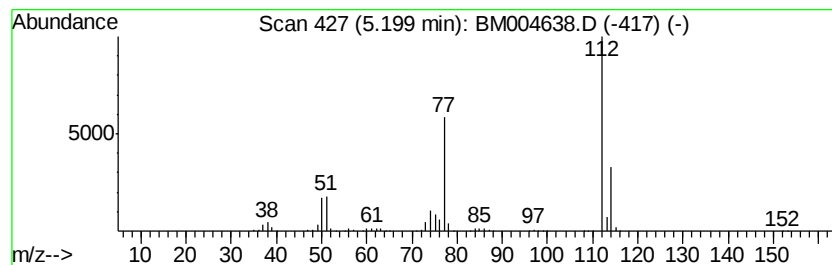
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	12.20 ng/ul	16292300	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
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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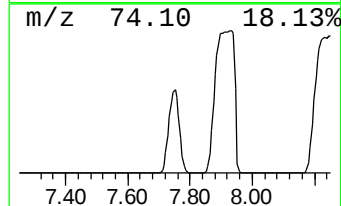
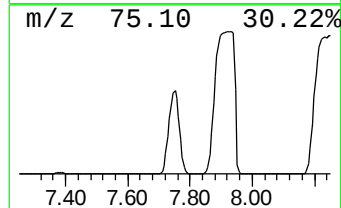
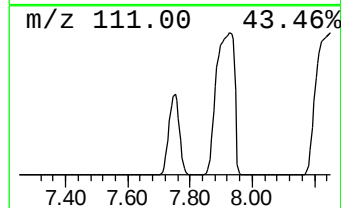
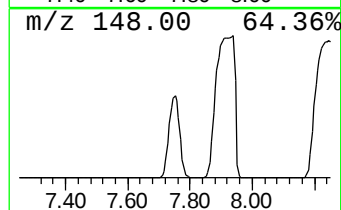
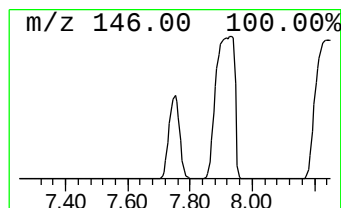
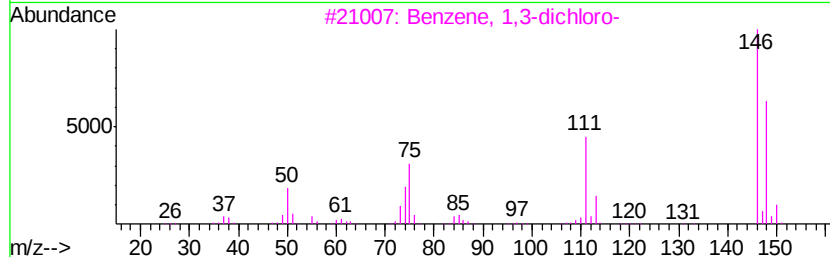
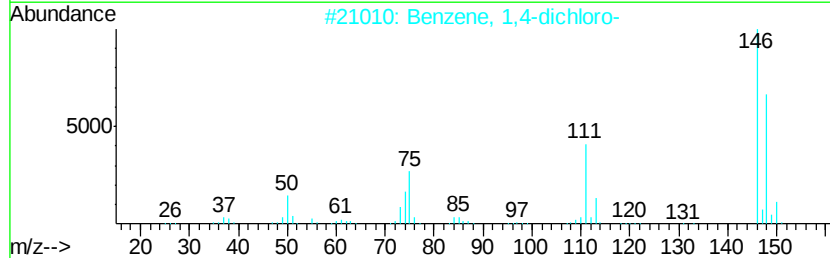
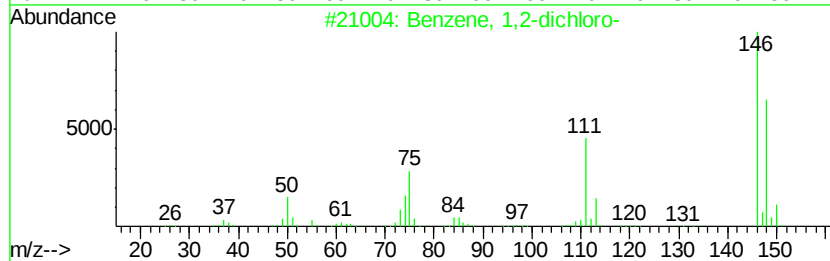
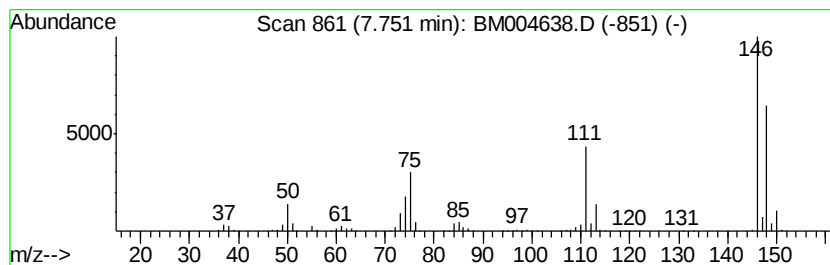
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	6.47 ng/ul	8643850	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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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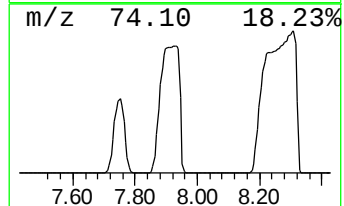
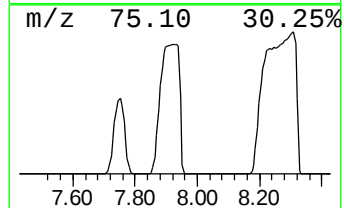
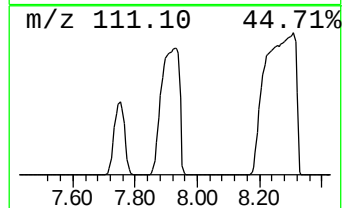
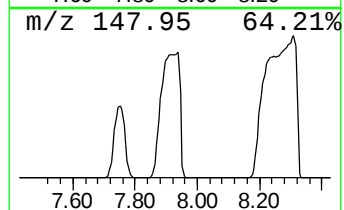
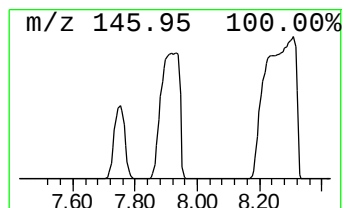
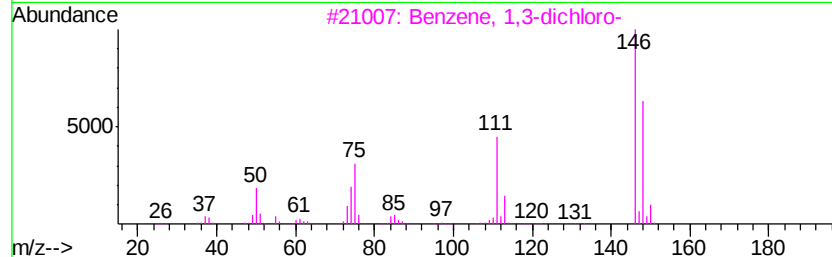
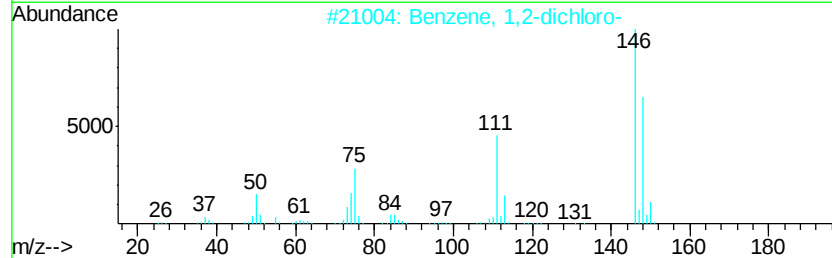
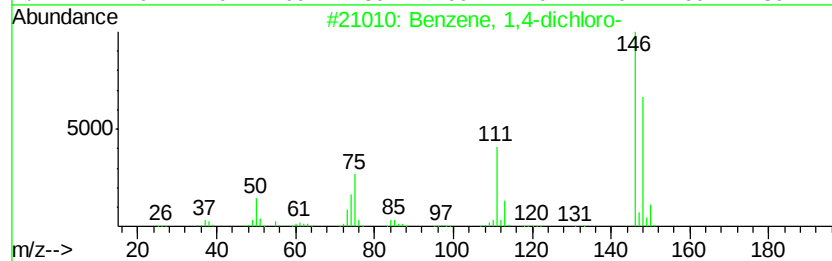
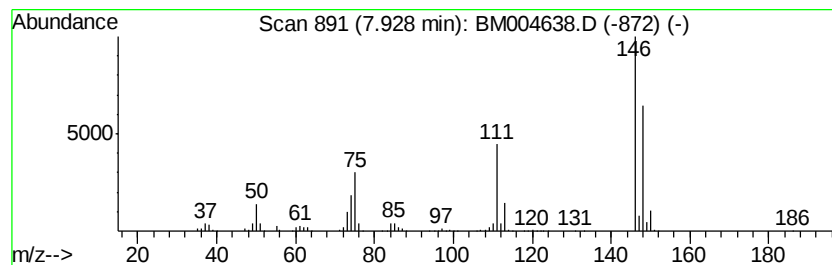
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	20.00 ng/ul	26709000	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	97
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	96



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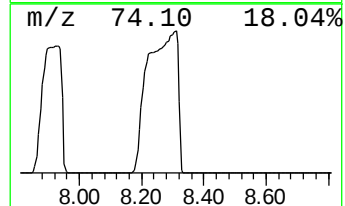
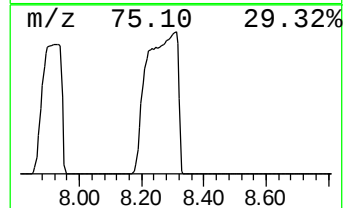
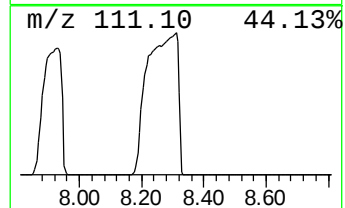
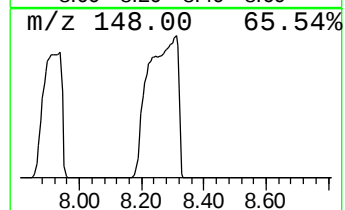
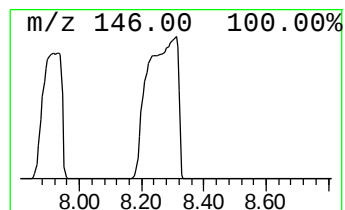
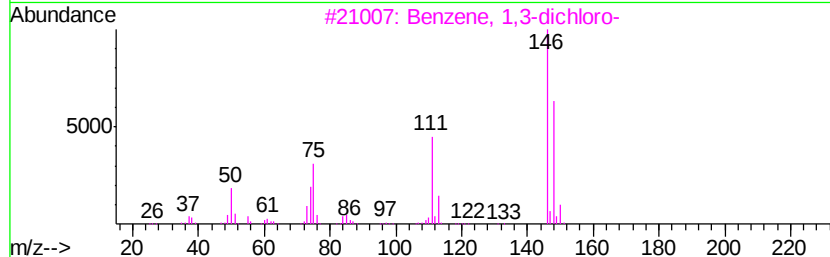
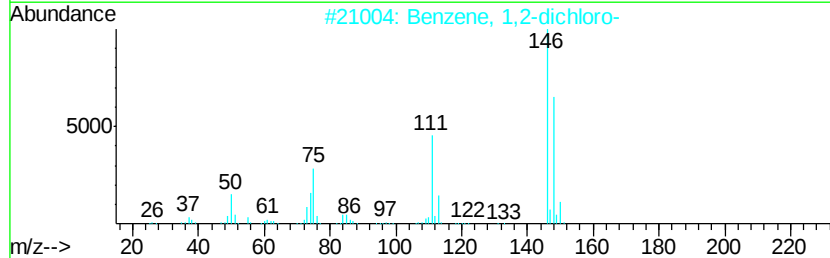
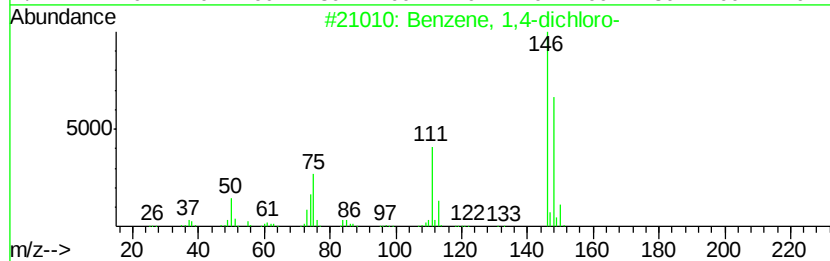
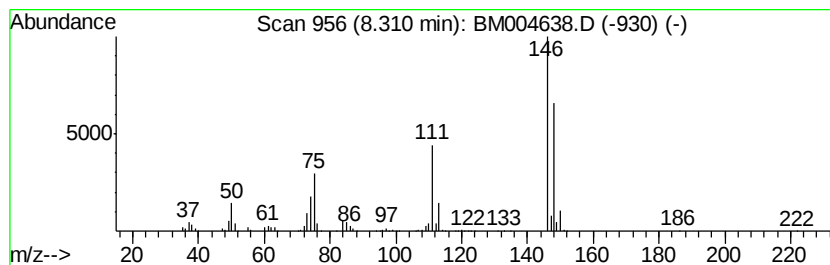
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	36.68 ng/ul	48985500	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, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97



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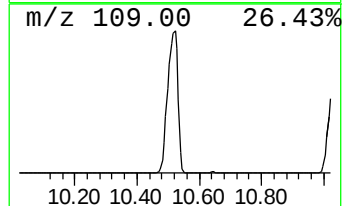
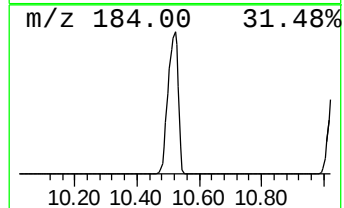
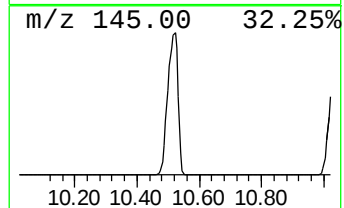
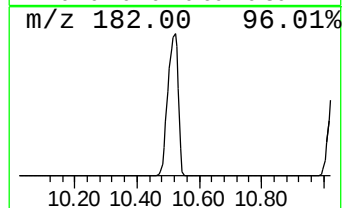
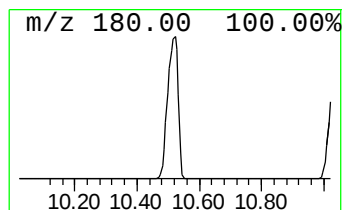
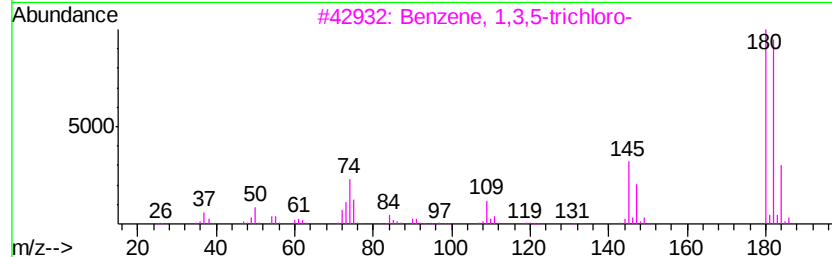
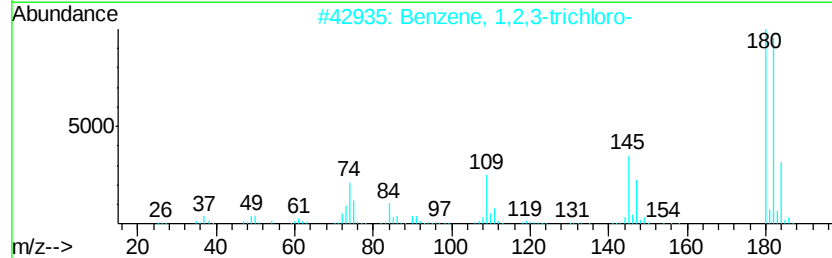
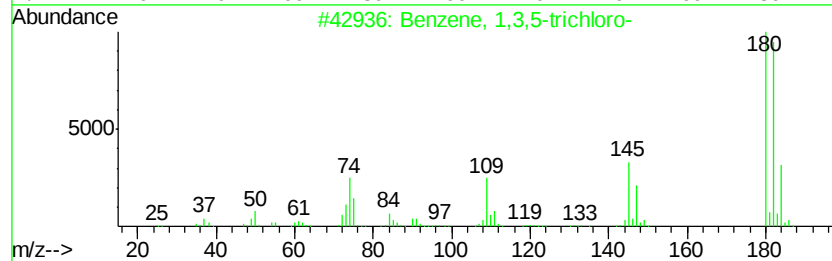
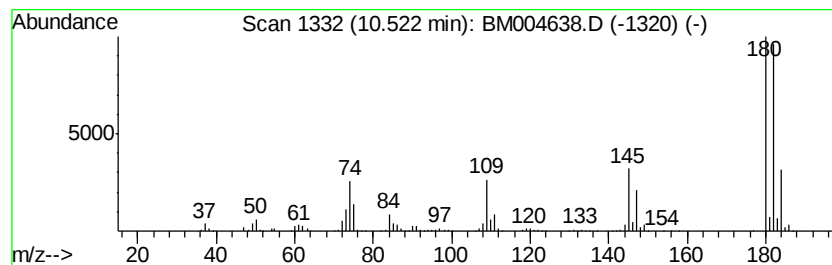
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	466.93 ng/ul	12673200	Naphthalene-d8	10.65

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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
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 : BM004638.D
Acq On : 16 Mar 2016 16:15
Operator : UM/SJ
Sample : H1783-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA5

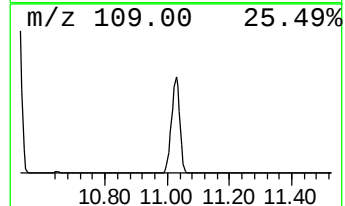
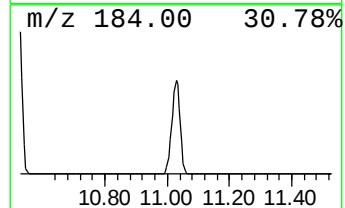
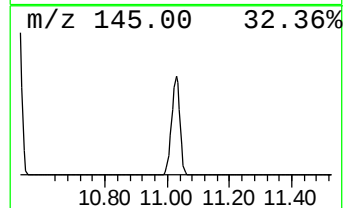
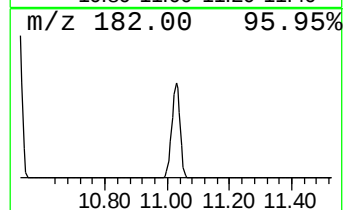
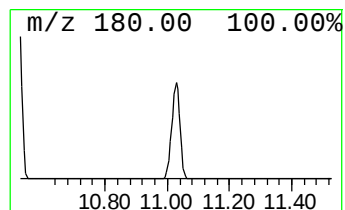
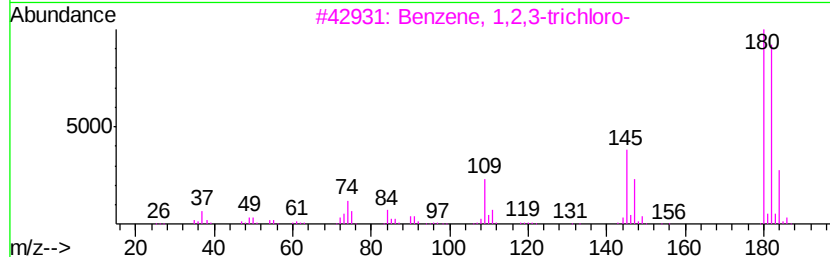
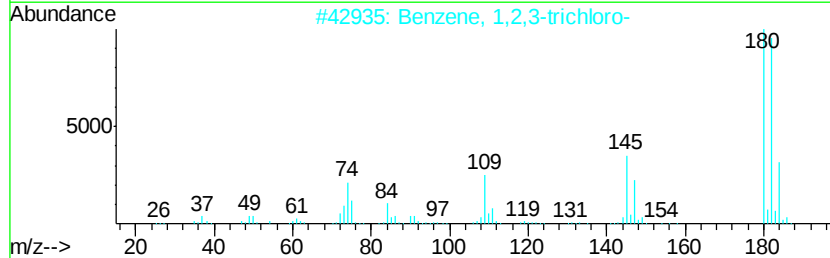
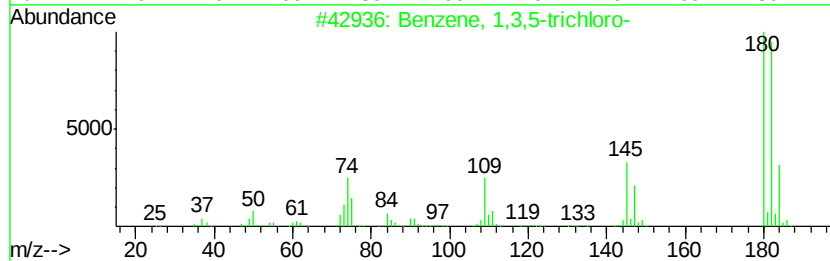
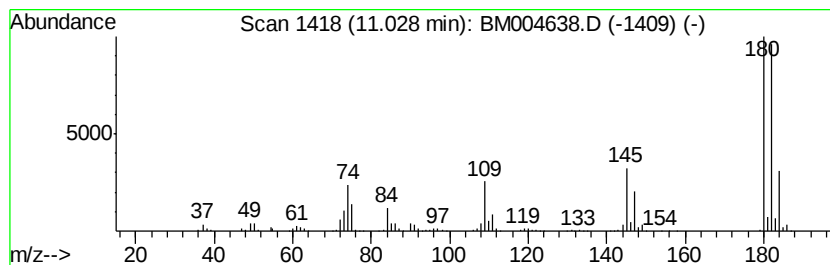
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Quant Title : SVOA CALIBRATION

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.
11.03	227.51 ng/ul	6174980	Naphthalene-d8	10.65

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\BM031616\
Data File : BM004638.D
Acq On : 16 Mar 2016 16:15
Operator : UM/SJ
Sample : H1783-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA5

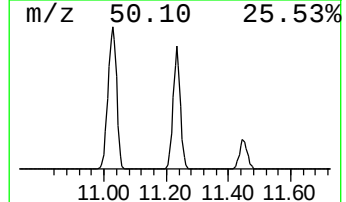
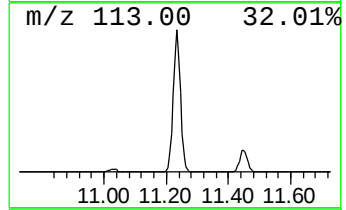
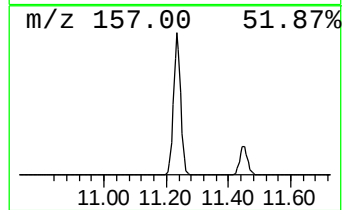
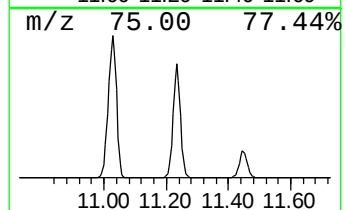
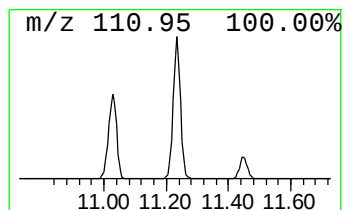
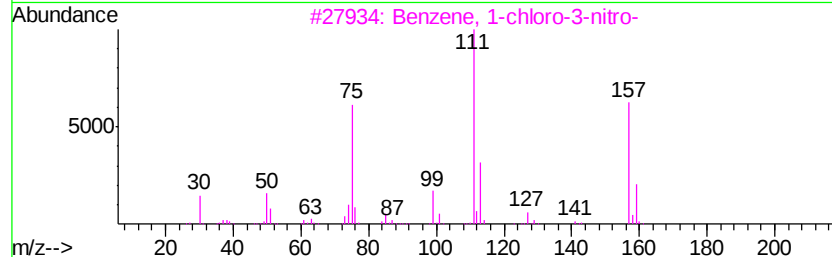
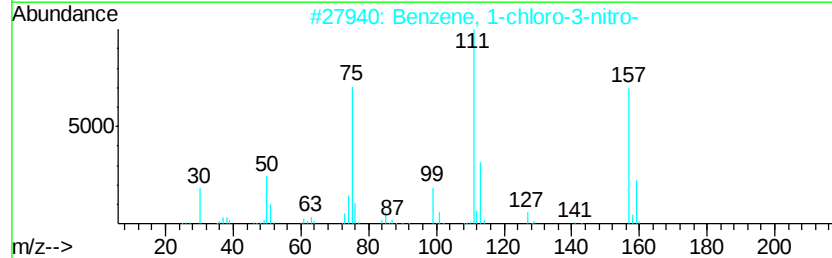
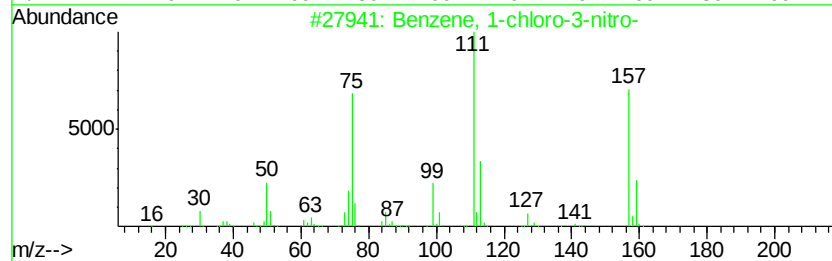
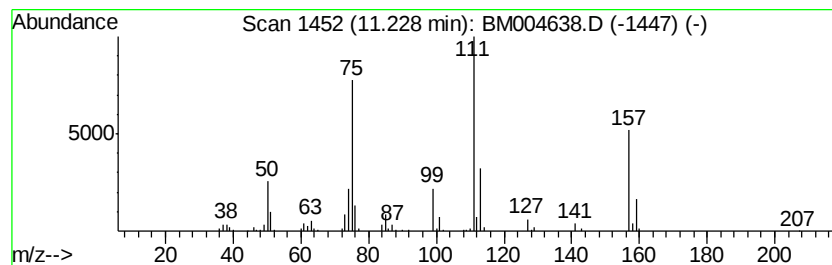
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	26.91 ng/ul	730504	Naphthalene-d8	10.65

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	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004638.D
Acq On : 16 Mar 2016 16:15
Operator : UM/SJ
Sample : H1783-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA5

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	5.7	ng/ul	7594310	1	7.86	26709000	20.0
Benzene, chloro-	5.20	12.2	ng/ul	16292300	1	7.86	26709000	20.0
Benzene, 1,2-dich...	7.75	6.5	ng/ul	8643850	1	7.86	26709000	20.0
Benzene, 1,4-dich...	7.93	20.0	ng/ul	26709000	1	7.86	26709000	20.0
Benzene, 1,3-dich...	8.31	36.7	ng/ul	48985500	1	7.86	26709000	20.0
Benzene, 1,3,5-tr...	10.52	466.9	ng/ul	12673200	2	10.65	542834	20.0
Benzene, 1,2,3-tr...	11.03	227.5	ng/ul	6174980	2	10.65	542834	20.0
Benzene, 1-chloro...	11.23	26.9	ng/ul	730504	2	10.65	542834	20.0