

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004664.D
 Acq On : 17 Mar 2016 13:43
 Operator : UM/SJ
 Sample : H1783-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2RE

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	6430772	15608448	27.02%	6.134%
2	5.257	416	437	442	rBV	7887754	43681070	75.62%	17.165%
3	7.769	850	864	877	rBV2	5784089	28772324	49.81%	11.306%
4	7.992	877	902	906	rVB	7815863	52100715	90.19%	20.474%
5	8.340	933	961	966	rBV	7792365	57765989	100.00%	22.700%
6	9.063	1078	1084	1096	rVB	1789005	3090518	5.35%	1.214%
7	9.345	1124	1132	1139	rBV	413246	677055	1.17%	0.266%
8	10.551	1321	1337	1342	rBV4	6235964	23927256	41.42%	9.403%
9	10.657	1349	1355	1361	rBV	387768	579007	1.00%	0.228%
10	11.045	1408	1421	1427	rBV	5602795	13292994	23.01%	5.224%
11	11.239	1446	1454	1465	rBV	1168178	1996561	3.46%	0.785%
12	13.275	1793	1800	1807	rBV	1076812	1663263	2.88%	0.654%
13	13.863	1893	1900	1902	rBV	615998	982513	1.70%	0.386%
14	14.169	1946	1952	1959	rVB	705159	1022316	1.77%	0.402%
15	14.474	1997	2004	2013	rBV2	455347	714265	1.24%	0.281%
16	15.469	2167	2173	2184	rVB	894161	1261728	2.18%	0.496%
17	17.221	2464	2471	2477	rBV	574760	817659	1.42%	0.321%
18	17.321	2481	2488	2500	rBV	905147	1335169	2.31%	0.525%
19	19.609	2871	2877	2884	rBV	1096122	1550276	2.68%	0.609%
20	21.403	3176	3182	3188	rBV	802344	1021429	1.77%	0.401%
21	23.556	3540	3548	3561	rBV	815226	1634992	2.83%	0.642%
22	23.703	3566	3573	3582	rVB	498901	981232	1.70%	0.386%

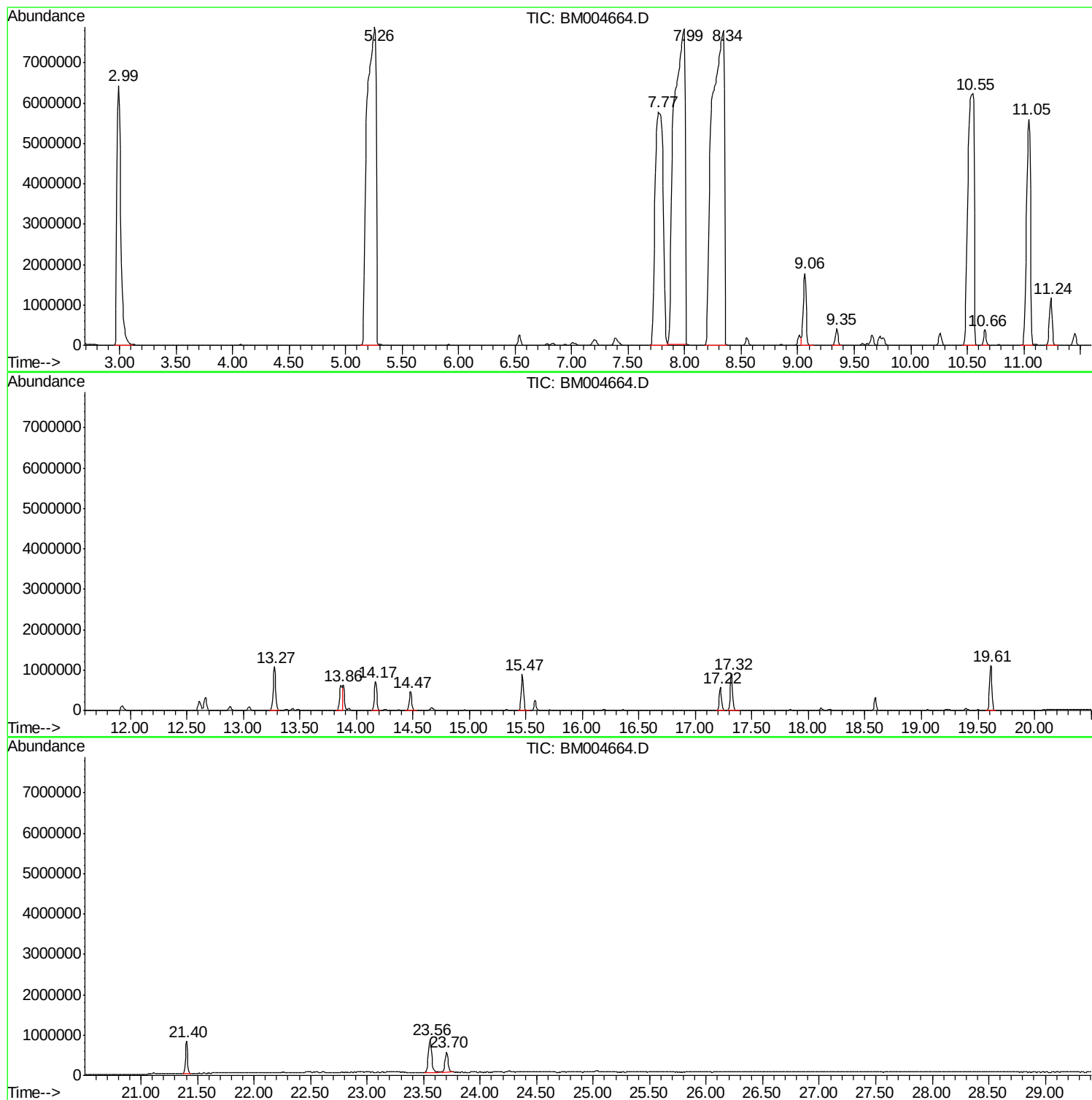
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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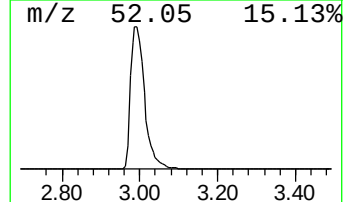
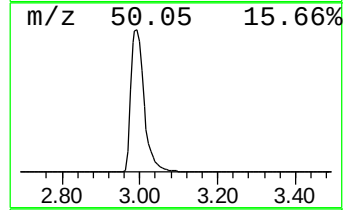
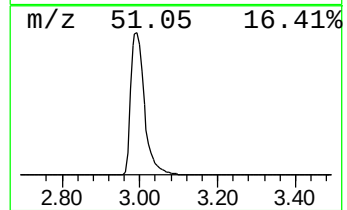
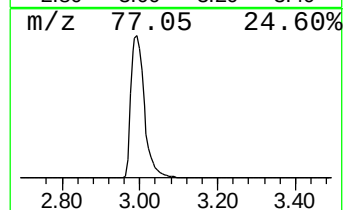
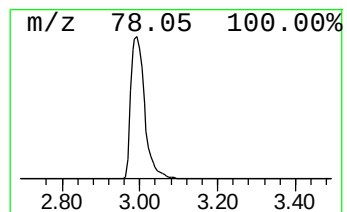
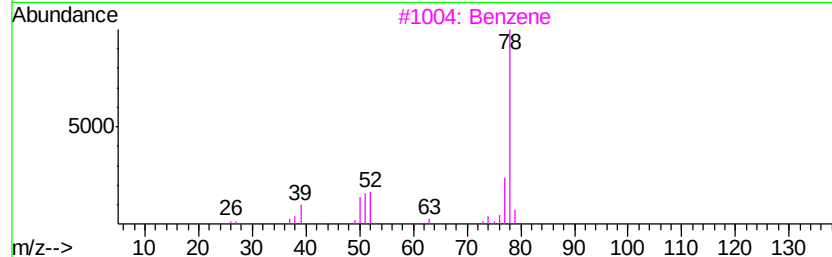
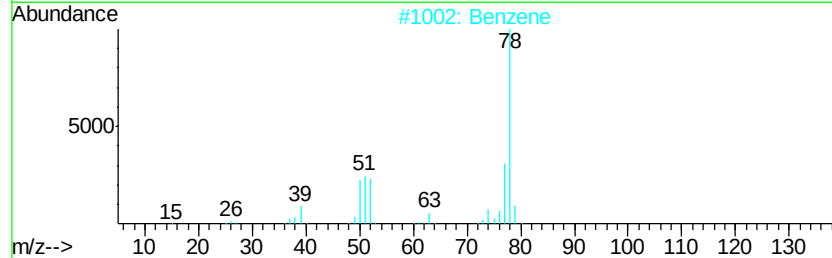
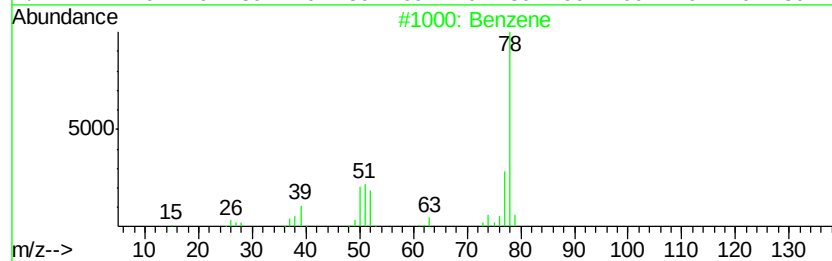
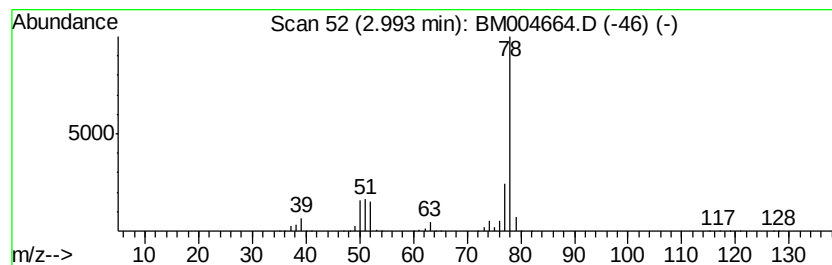
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	10.85 ng/ul	15608400	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	95
3		Benzene	78	C6H6	000071-43-2	94
4		Benzene	78	C6H6	000071-43-2	91
5		Benzene	78	C6H6	000071-43-2	91



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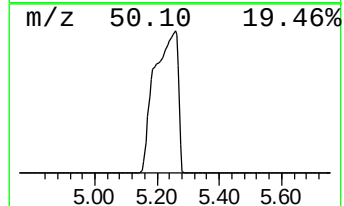
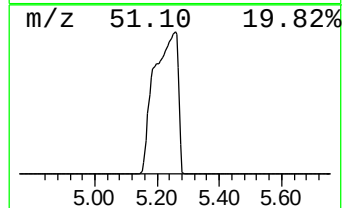
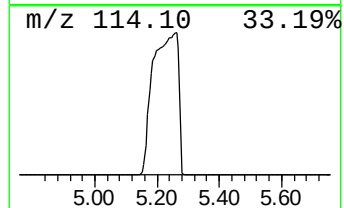
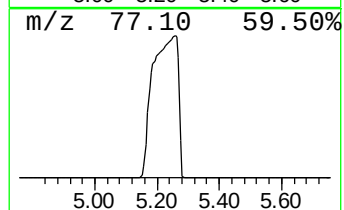
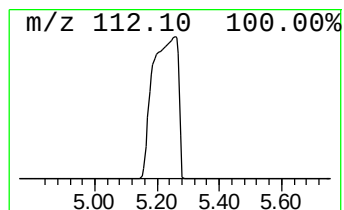
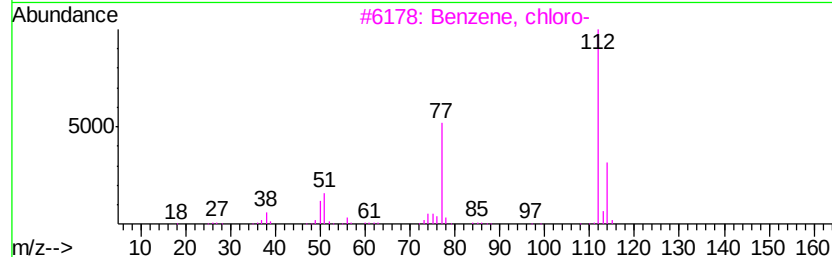
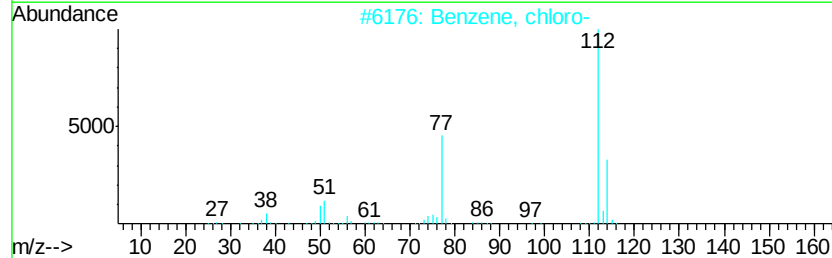
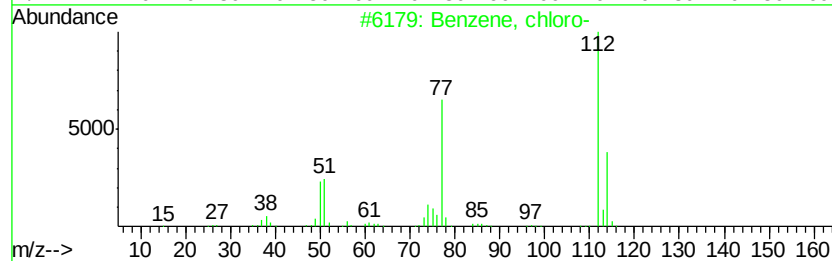
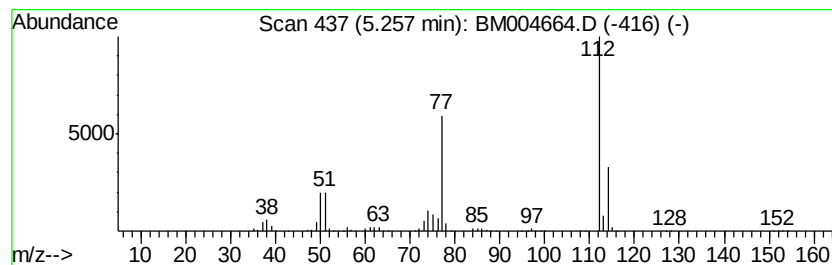
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Peak Number 2 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	30.36 ng/ul	43681100	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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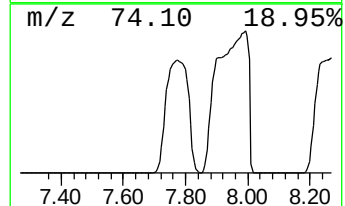
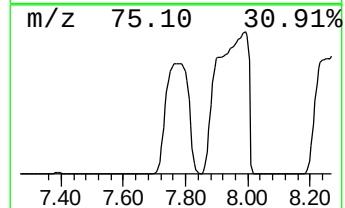
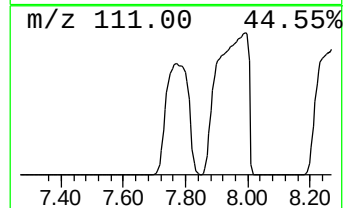
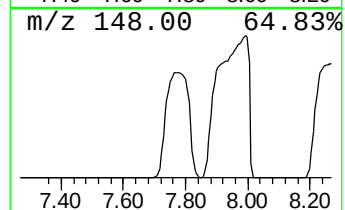
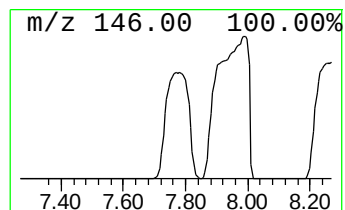
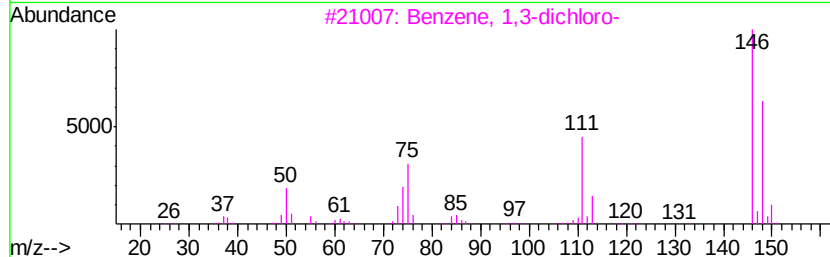
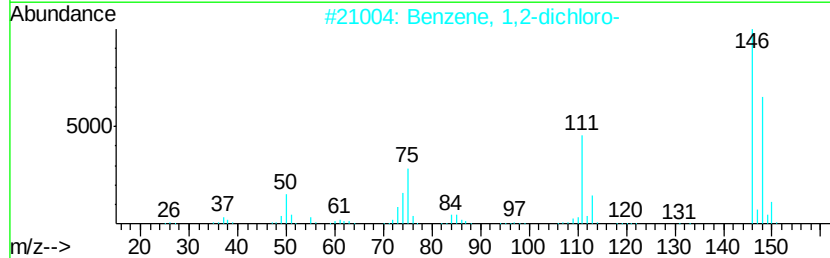
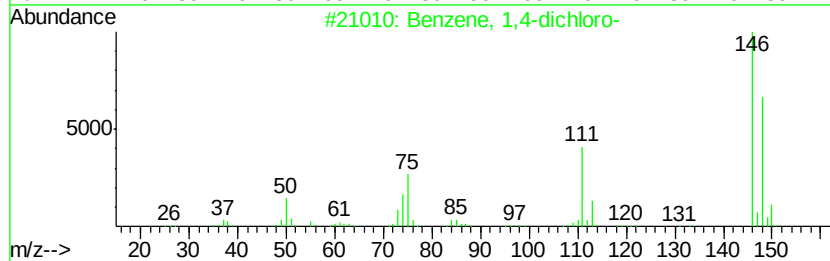
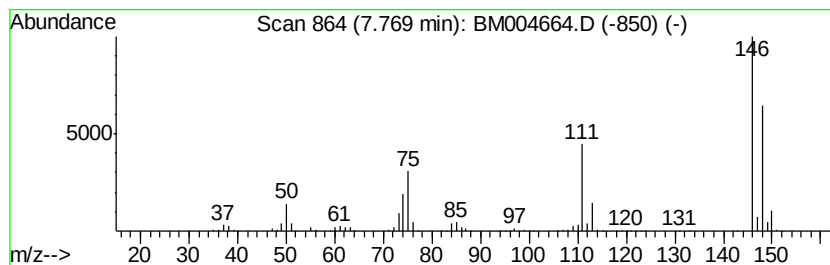
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	20.00 ng/ul	28772300	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	96



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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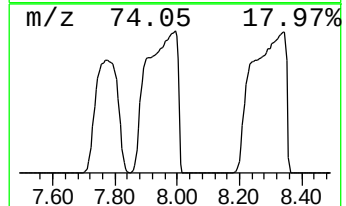
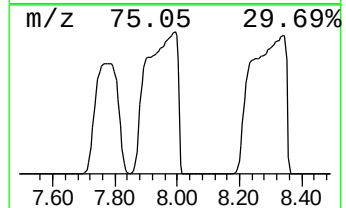
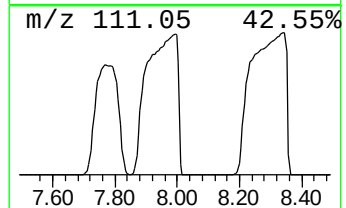
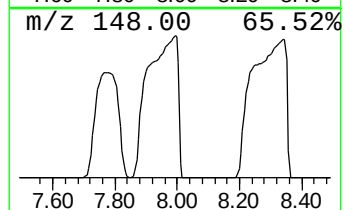
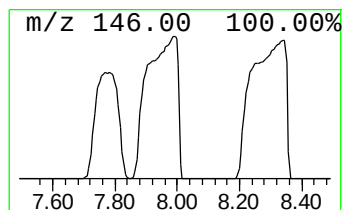
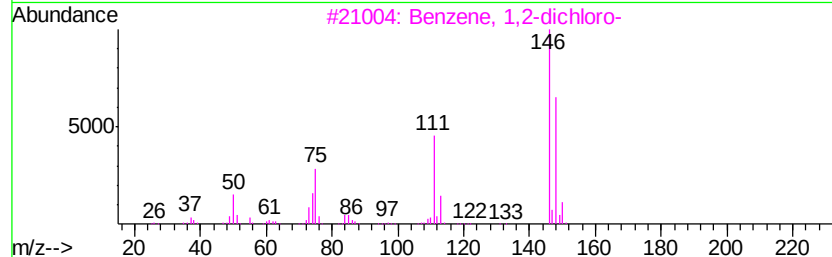
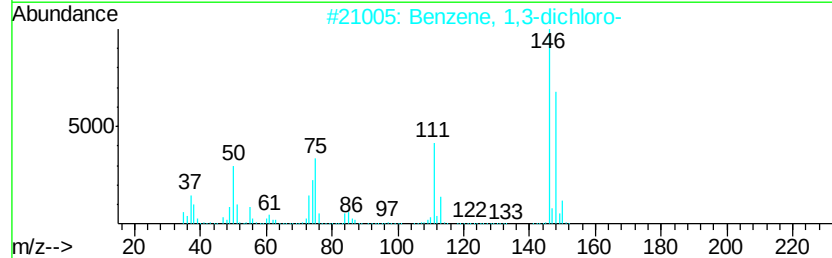
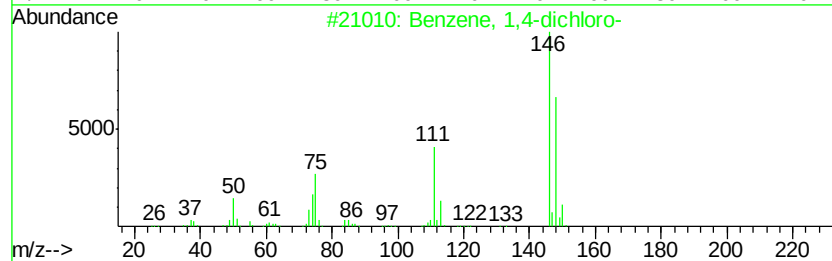
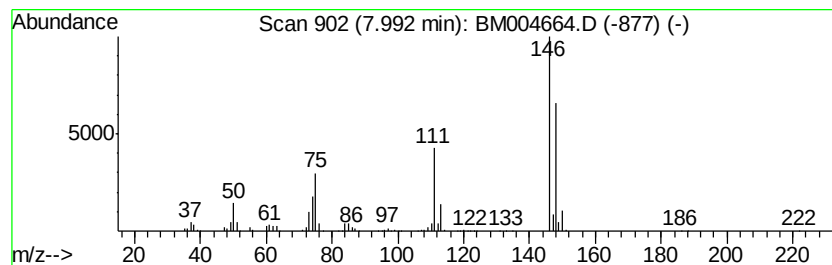
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	36.22 ng/ul	52100700	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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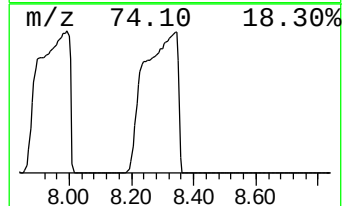
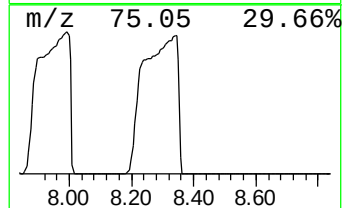
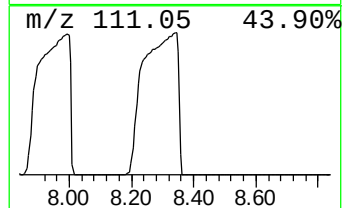
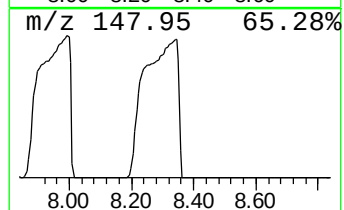
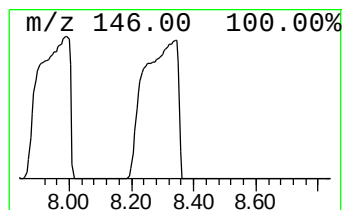
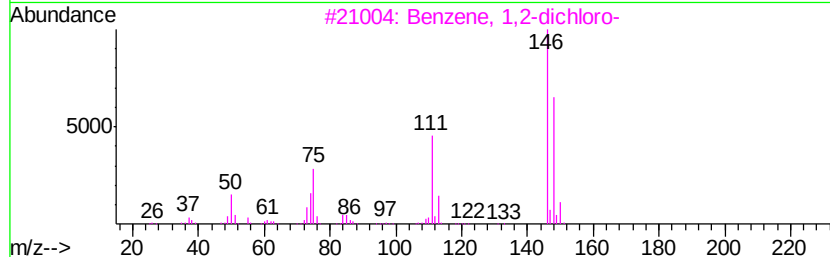
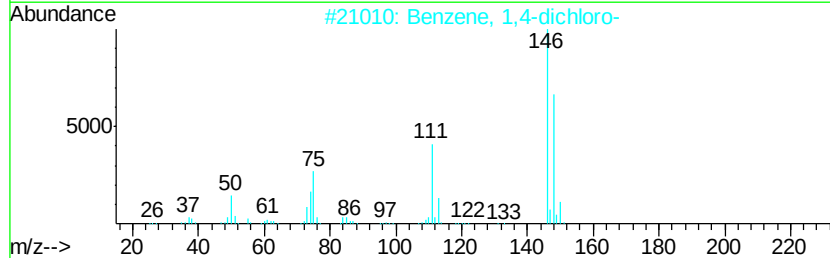
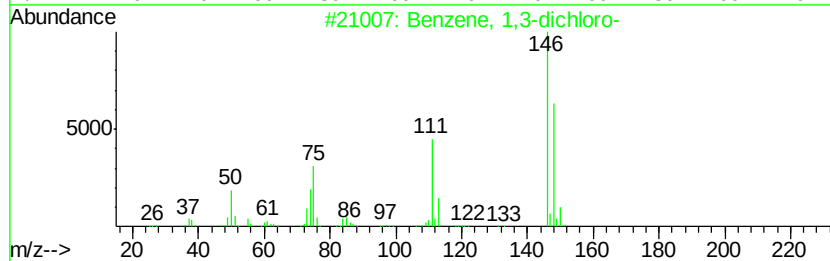
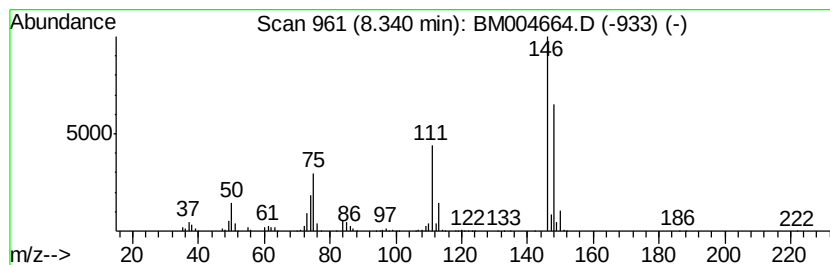
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	40.15 ng/ul	57766000	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, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96



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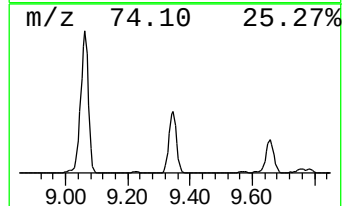
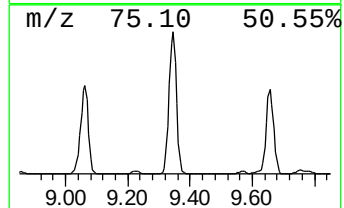
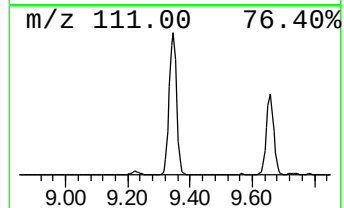
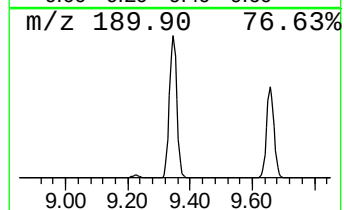
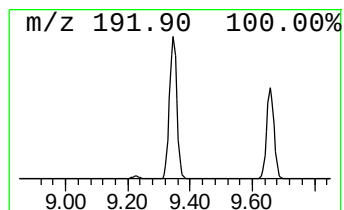
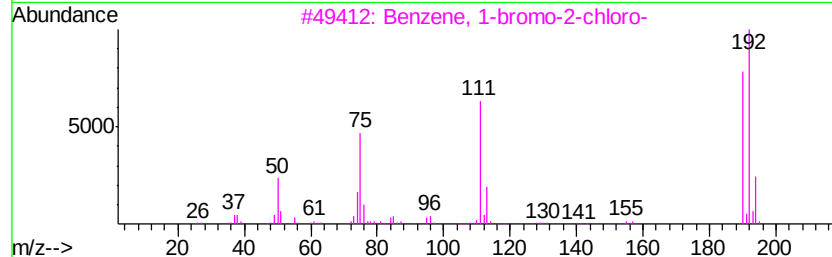
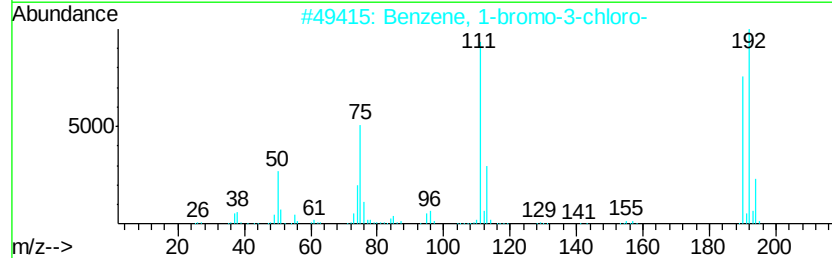
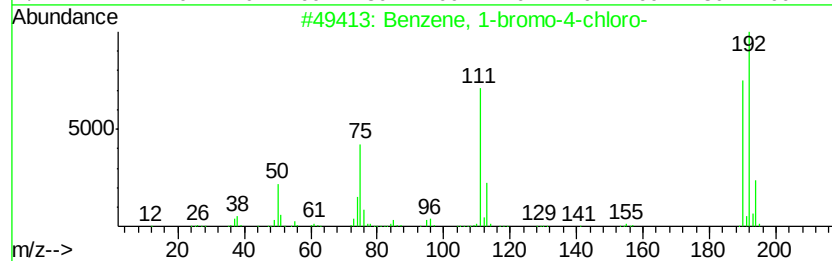
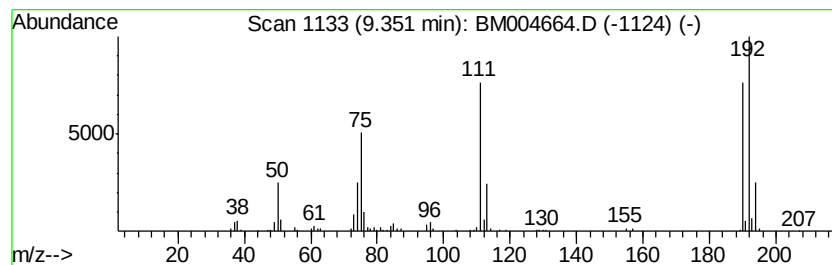
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-bromo-4-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	23.39 ng/ul	677055	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-3-chloro-	190	C6H4BrCl	000108-37-2	98
3		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	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\BM031716\
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Acq On : 17 Mar 2016 13:43
Operator : UM/SJ
Sample : H1783-02RE
Misc :
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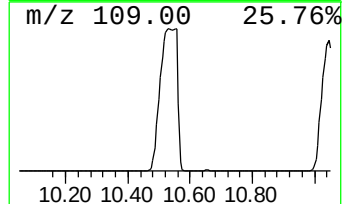
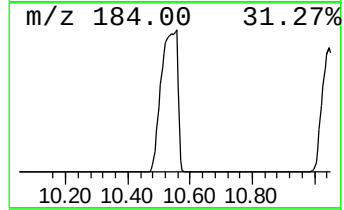
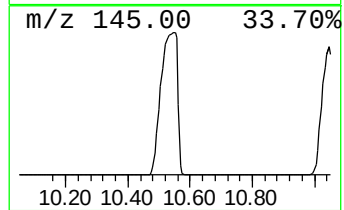
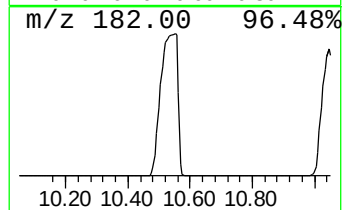
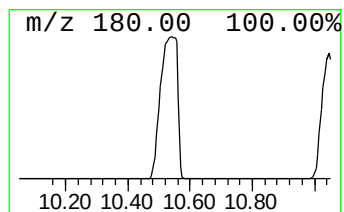
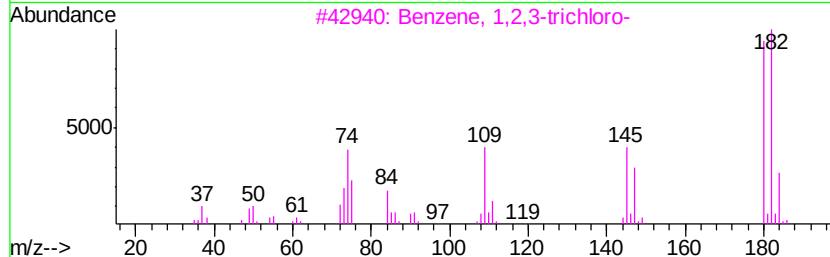
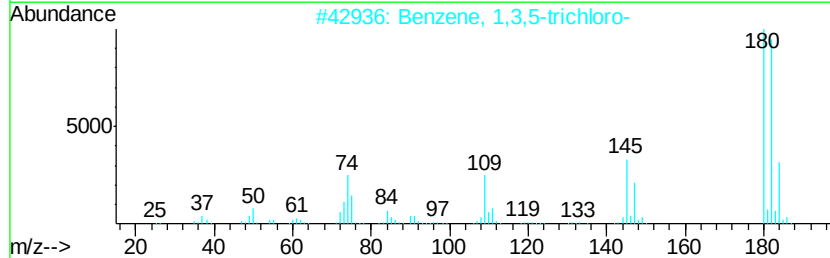
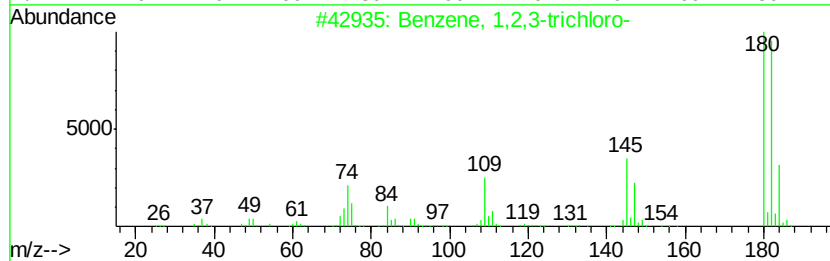
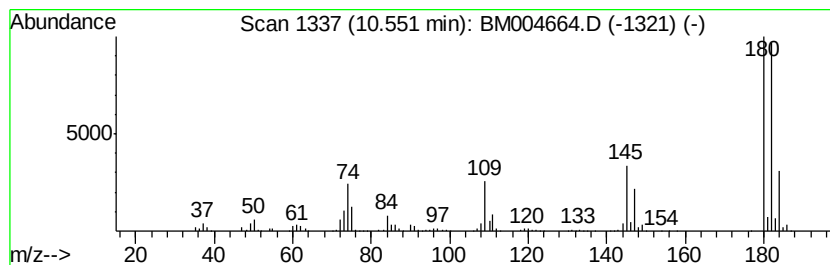
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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	826.49 ng/ul	23927300	Napthalene-d8	10.66
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, 1,2,3-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\BM031716\
Data File : BM004664.D
Acq On : 17 Mar 2016 13:43
Operator : UM/SJ
Sample : H1783-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA2RE

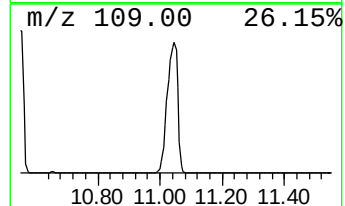
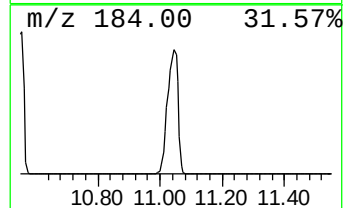
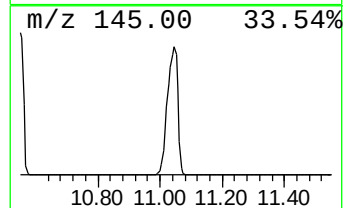
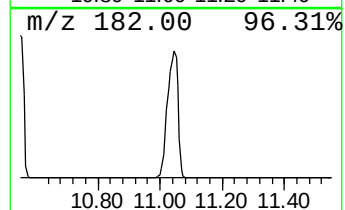
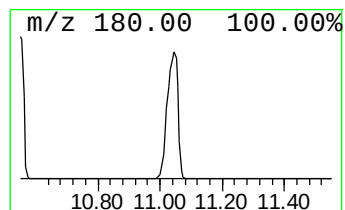
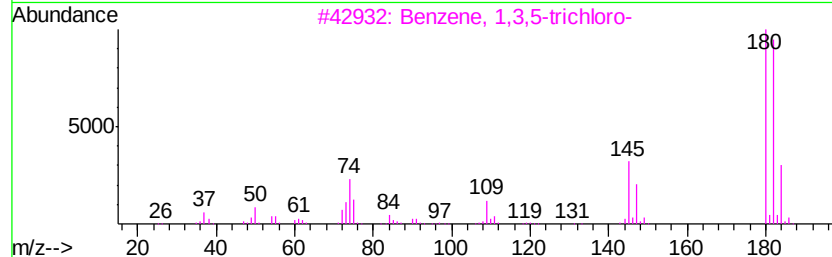
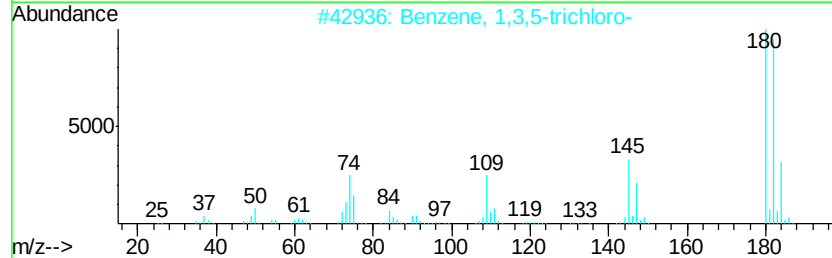
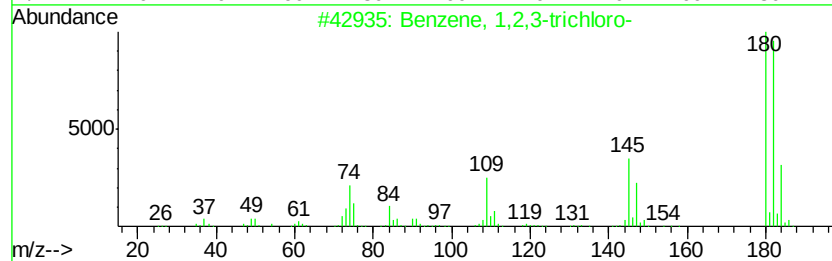
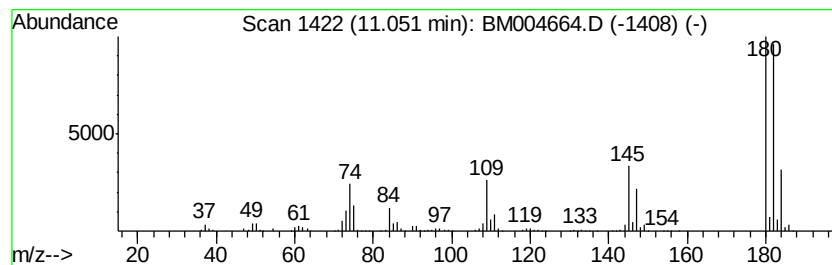
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Quant Title : SVOA CALIBRATION

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	459.17 ng/ul	13293000	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, 1,3,5-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\BM031716\
Data File : BM004664.D
Acq On : 17 Mar 2016 13:43
Operator : UM/SJ
Sample : H1783-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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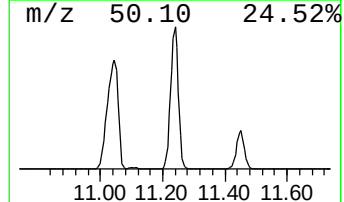
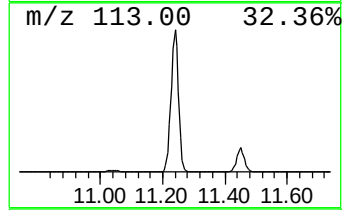
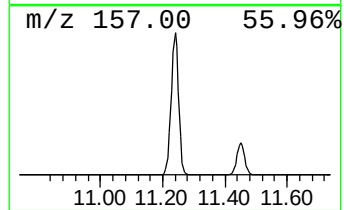
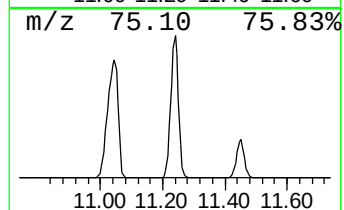
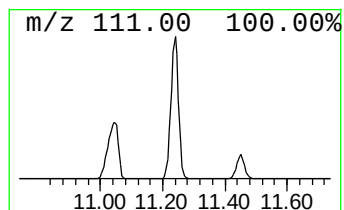
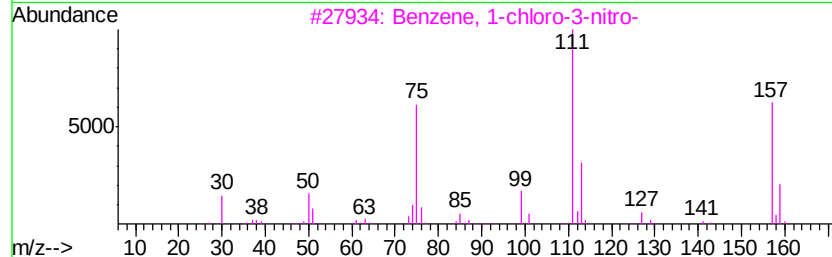
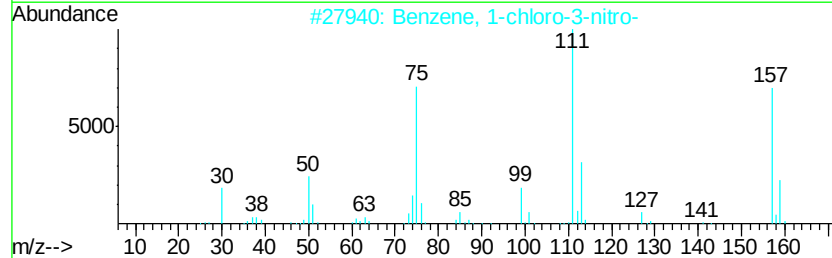
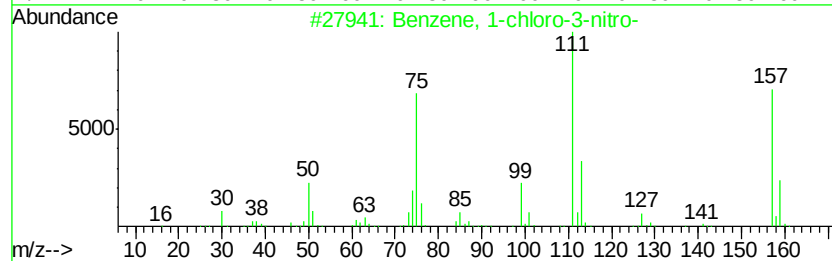
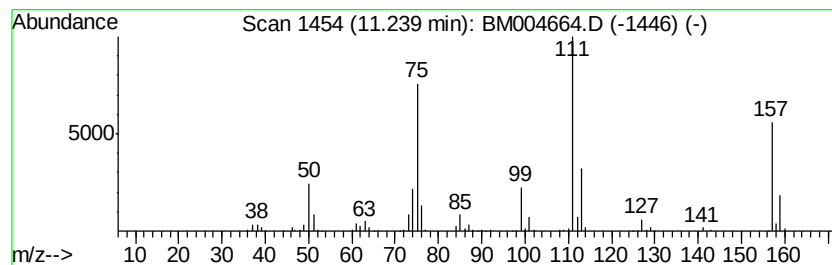
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Quant Title : SVOA CALIBRATION

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	68.97 ng/ul	1996560	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	97
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\BM031716\
 Data File : BM004664.D
 Acq On : 17 Mar 2016 13:43
 Operator : UM/SJ
 Sample : H1783-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2RE

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	30.4	ng/ul	43681100	1	7.87	28772300	20.0
Benzene, 1,4-dich...	7.77	20.0	ng/ul	28772300	1	7.87	28772300	20.0
Benzene, 1,3-dich...	7.99	36.2	ng/ul	52100700	1	7.87	28772300	20.0
Benzene, 1,2-dich...	8.34	40.1	ng/ul	57766000	1	7.87	28772300	20.0
Benzene, 1-bromo-...	9.35	23.4	ng/ul	677055	2	10.66	579007	20.0
Benzene, 1,2,3-tr...	10.55	826.5	ng/ul	23927300	2	10.66	579007	20.0
Benzene, 1,3,5-tr...	11.05	459.2	ng/ul	13293000	2	10.66	579007	20.0
Benzene, 1-chloro...	11.24	69.0	ng/ul	1996560	2	10.66	579007	20.0