

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032817\
 Data File : BM009425.D
 Acq On : 27 Mar 2017 22:46
 Operator : SJ/MA
 Sample : I2358-05DL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ4DL

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\SOM-EPA-BM032317MA.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	5.175	348	355	367	rBV	10761492	16109515	60.59%	17.873%
2	7.740	780	791	801	rBV	1700259	2652358	9.98%	2.943%
3	7.893	803	817	826	rBV	14113299	22434875	84.37%	24.891%
4	8.211	861	871	880	rBV	16889314	26589580	100.00%	29.501%
5	9.058	1010	1015	1024	rVB	773988	1288795	4.85%	1.430%
6	10.510	1253	1262	1270	rBV	4865240	8026073	30.19%	8.905%
7	10.652	1279	1286	1296	rVB	719731	1202562	4.52%	1.334%
8	11.028	1344	1350	1360	rVB	1620242	2757286	10.37%	3.059%
9	11.251	1381	1388	1398	rBV	677651	1112575	4.18%	1.234%
10	11.469	1419	1425	1434	rBV2	175703	320719	1.21%	0.356%
11	13.287	1729	1734	1742	rVB2	191162	296685	1.12%	0.329%
12	14.492	1933	1939	1951	rBV3	881866	1373229	5.16%	1.524%
13	17.239	2400	2406	2416	rBV2	1101183	1640281	6.17%	1.820%
14	21.416	3111	3116	3123	rBV	1725466	2220905	8.35%	2.464%
15	23.739	3505	3511	3520	rVB	1050308	2105448	7.92%	2.336%

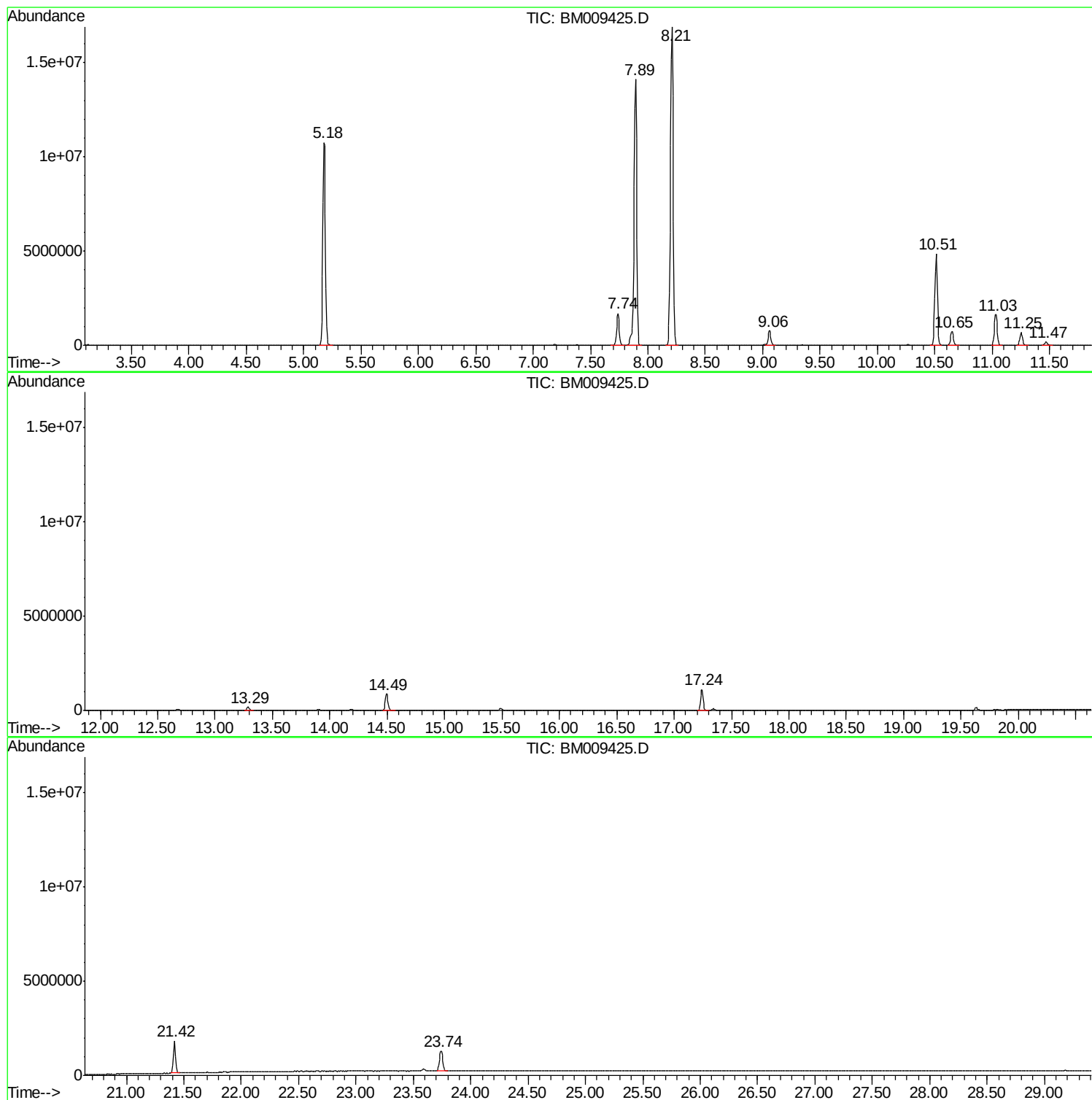
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Data Path : Z:\HPCHEM1\BNA_M\Data\BM032817\
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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



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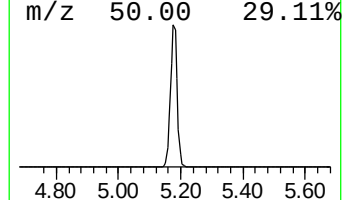
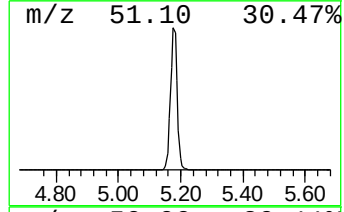
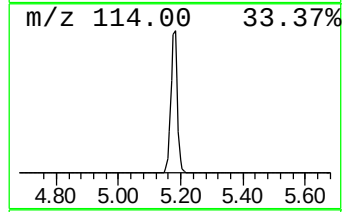
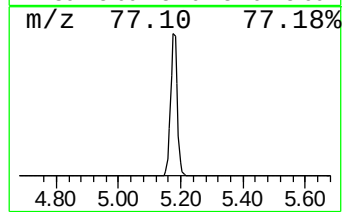
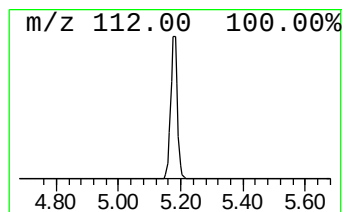
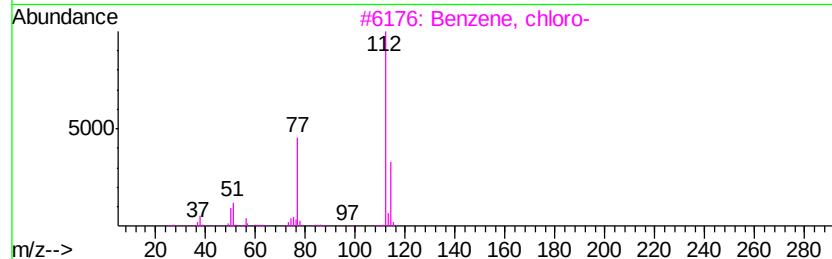
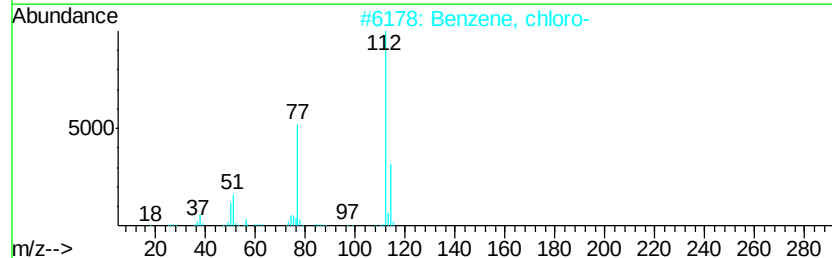
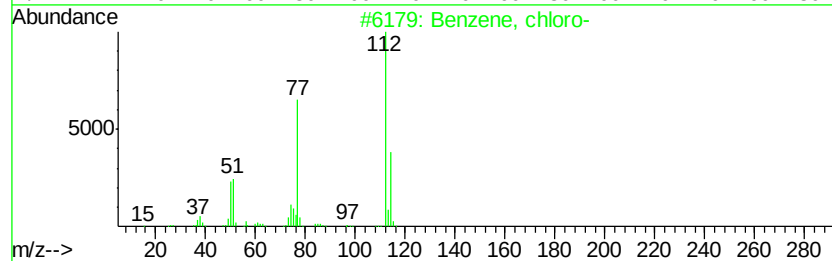
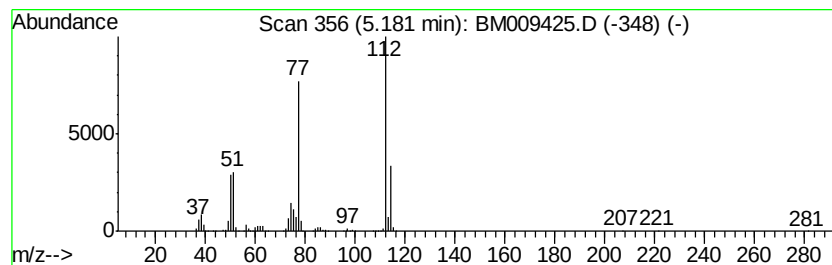
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	14.36 ng/ul	16109500	1,4-Dichlorobenzene-d4	7.85

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	94
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5		3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	22



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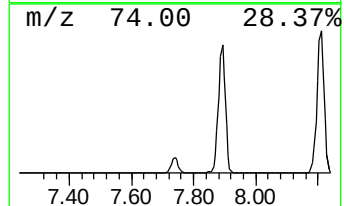
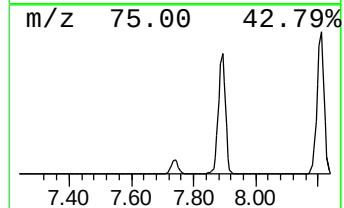
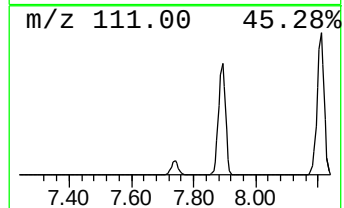
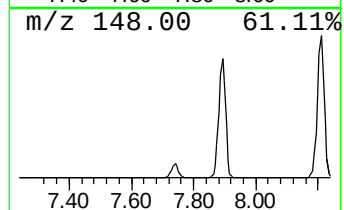
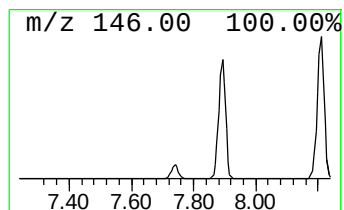
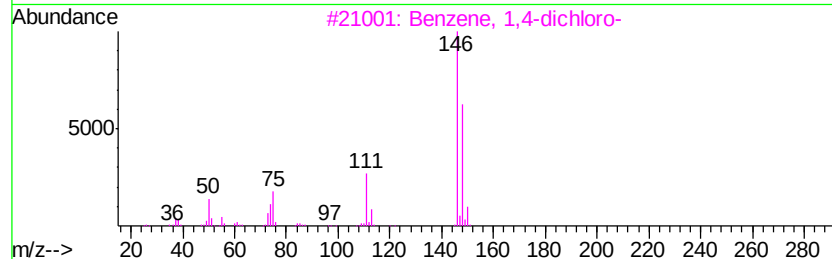
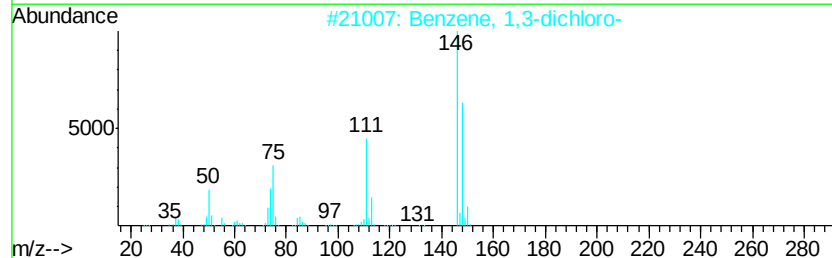
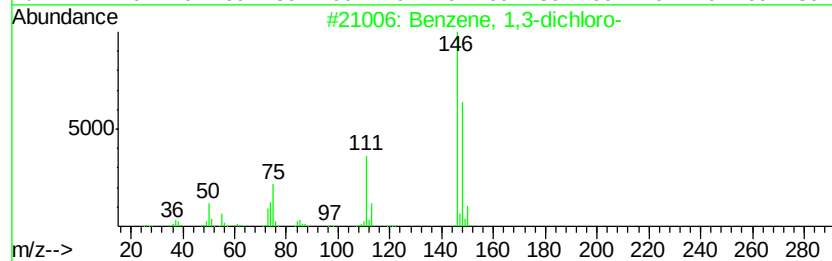
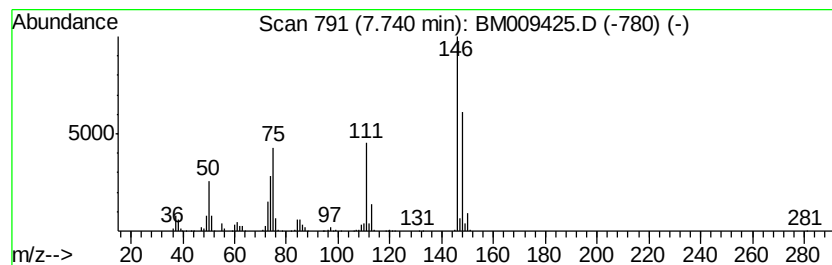
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	2.36 ng/ul	2652360	1,4-Dichlorobenzene-d4	7.85

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



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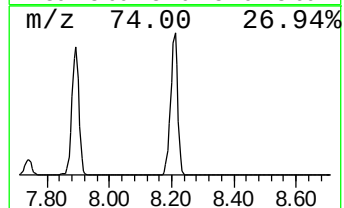
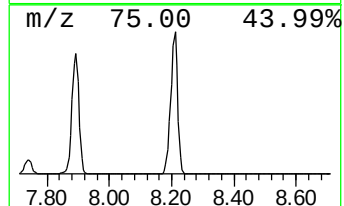
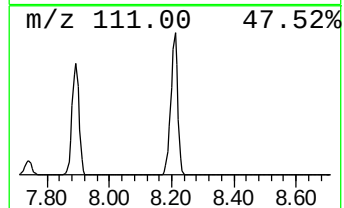
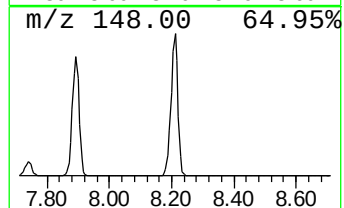
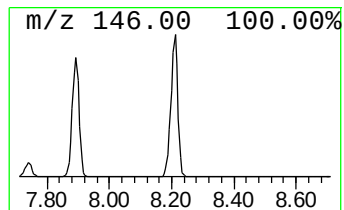
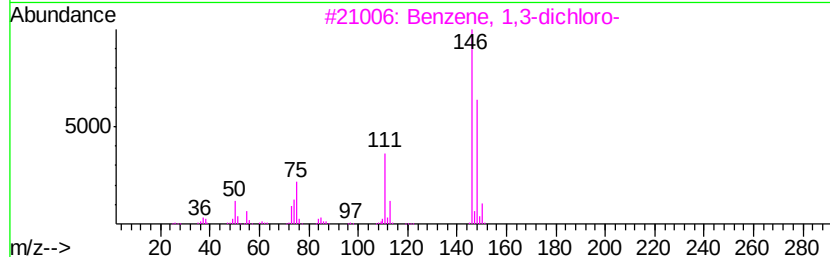
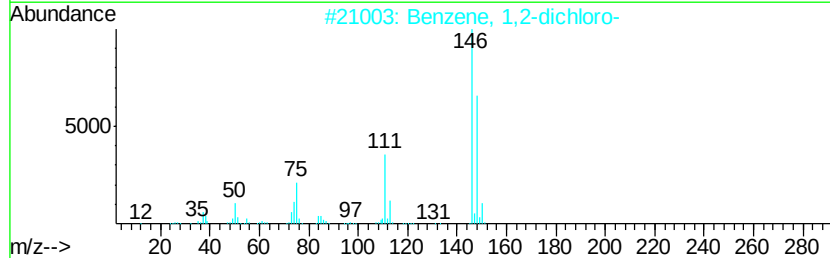
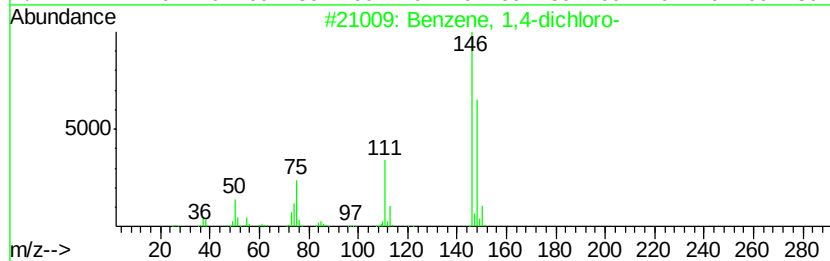
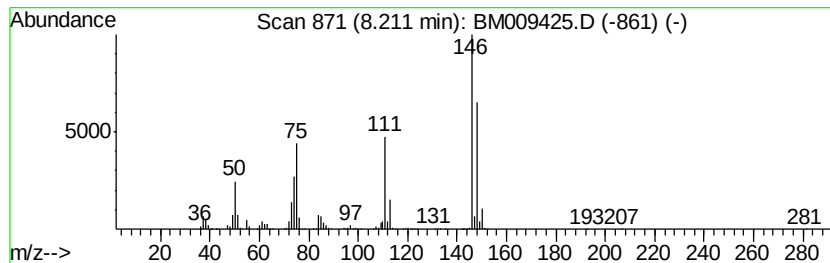
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Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	23.70 ng/ul	26589600	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
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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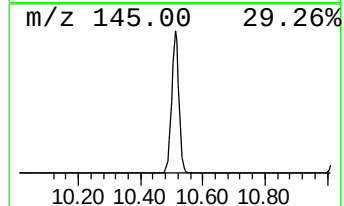
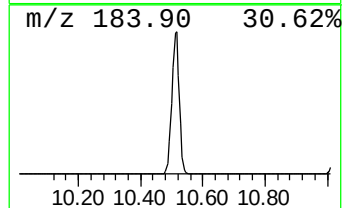
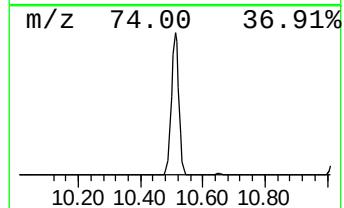
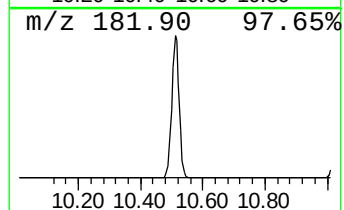
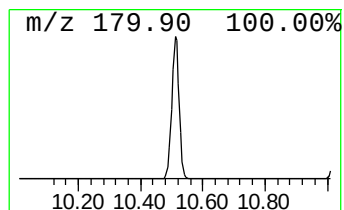
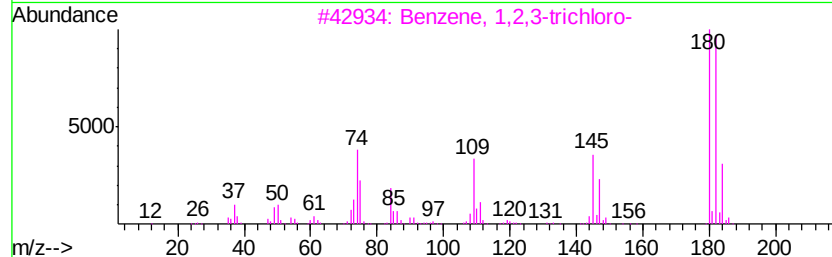
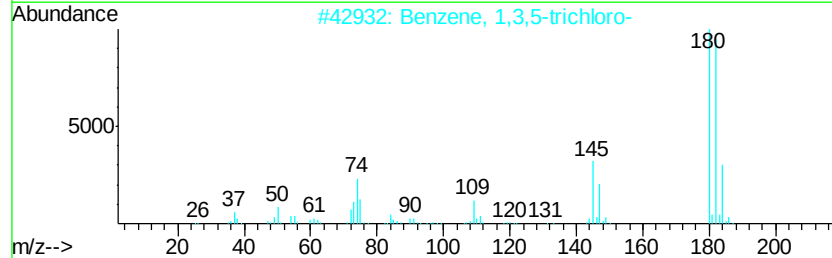
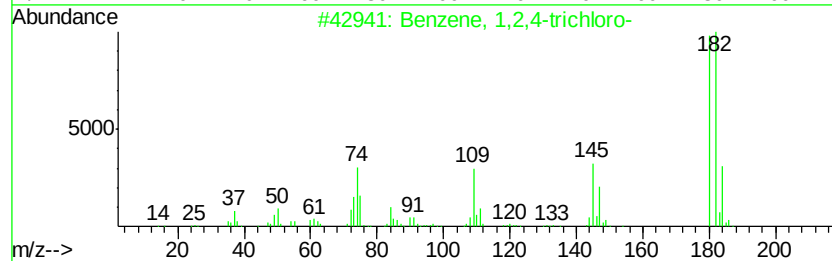
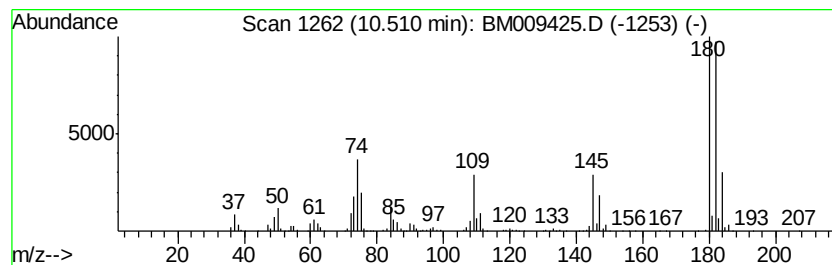
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	133.48 ng/ul	8026070	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96



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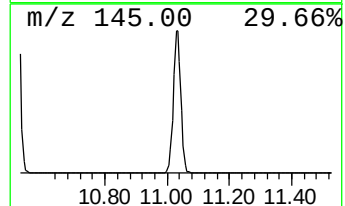
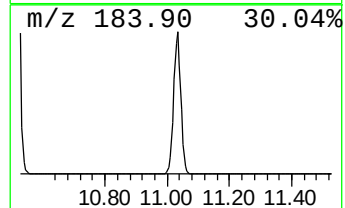
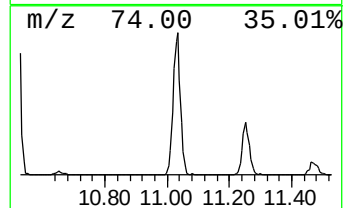
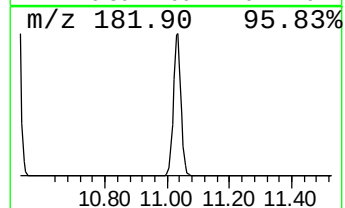
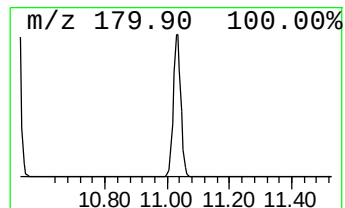
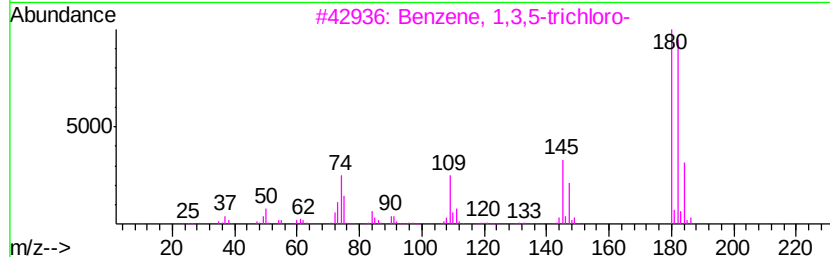
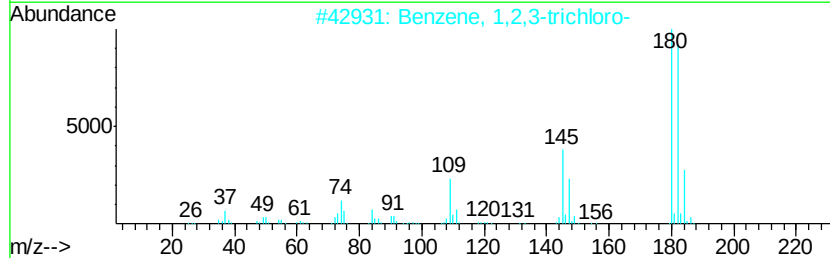
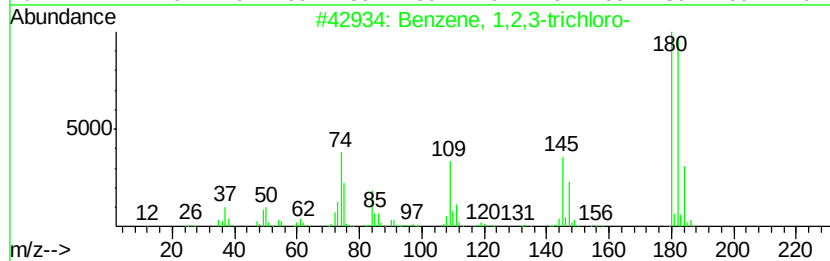
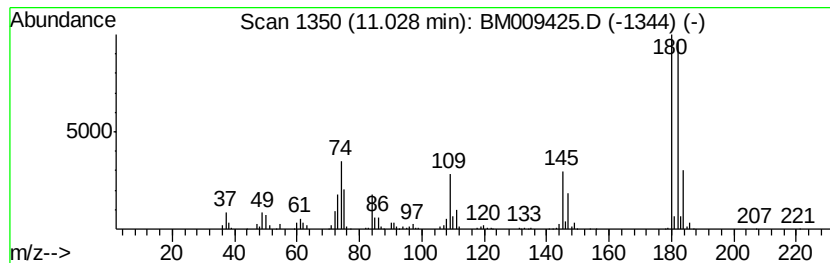
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	45.86 ng/ul	2757290	Naphthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
3		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96



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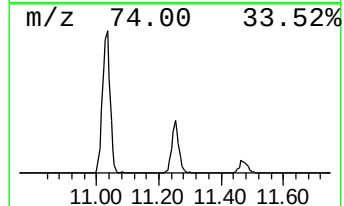
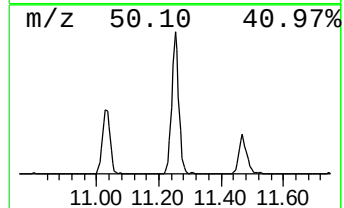
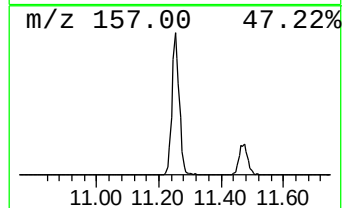
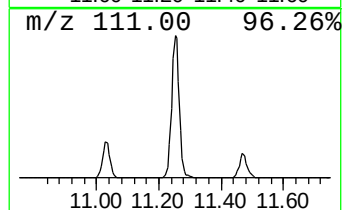
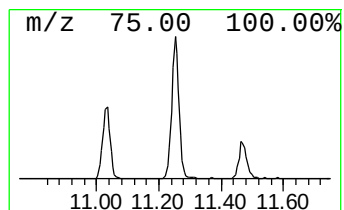
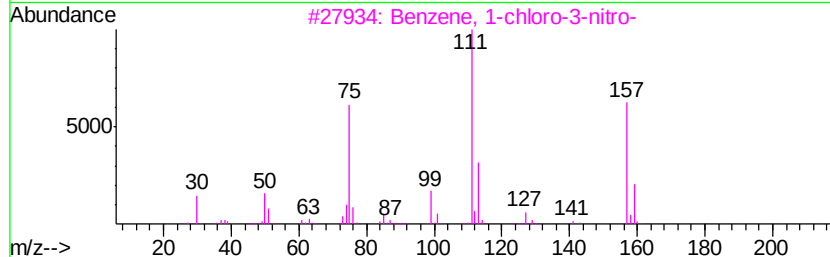
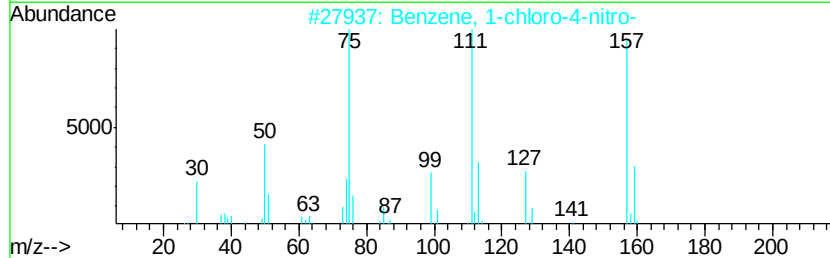
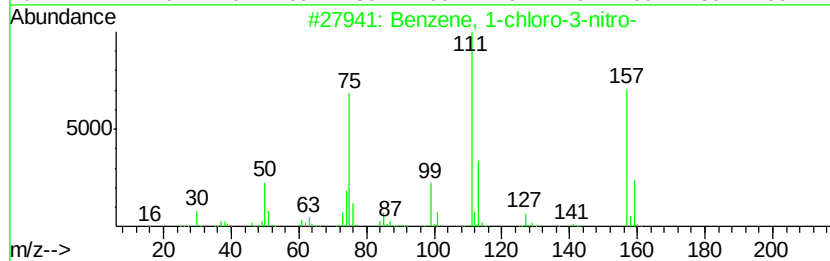
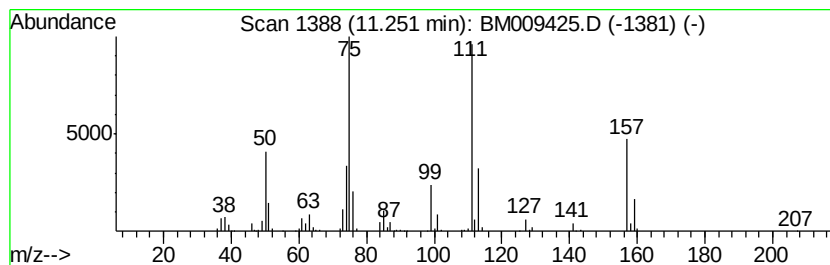
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	18.50 ng/ul	1112580	Naphthalene-d8	10.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-chloro-3-nitro-	157 C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	91
3	Benzene, 1-chloro-3-nitro-	157 C6H4ClNO2	000121-73-3	91
4	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	86



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Data File : BM009425.D
Acq On : 27 Mar 2017 22:46
Operator : SJ/MA
Sample : I2358-05DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

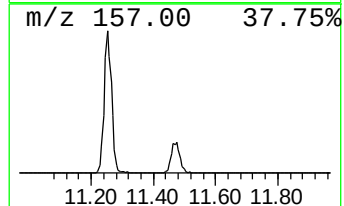
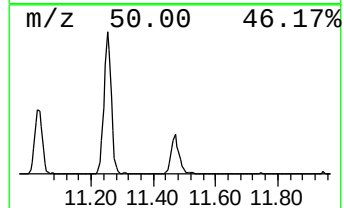
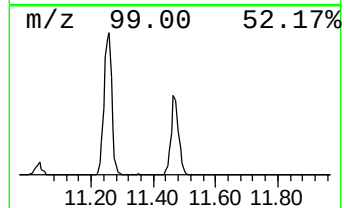
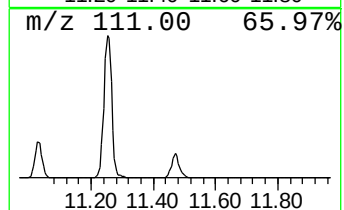
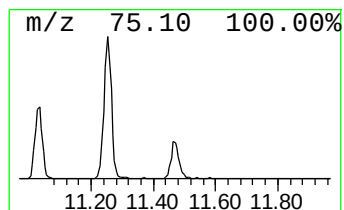
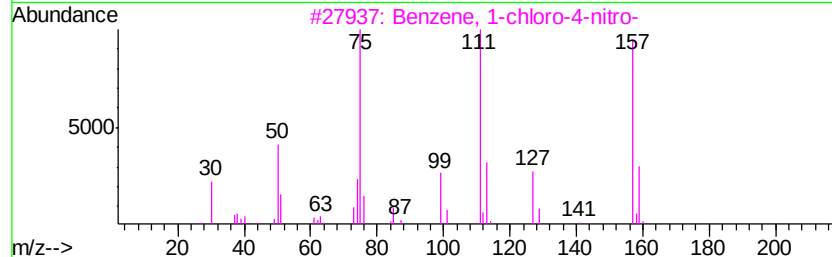
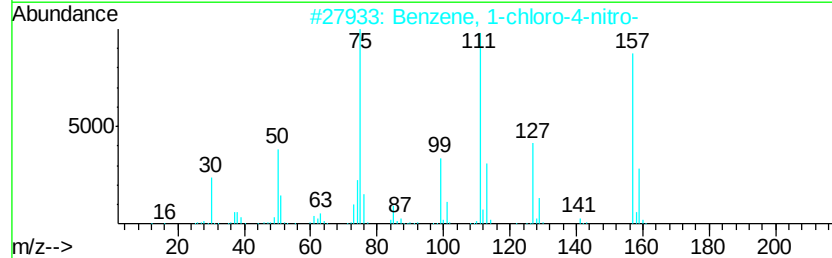
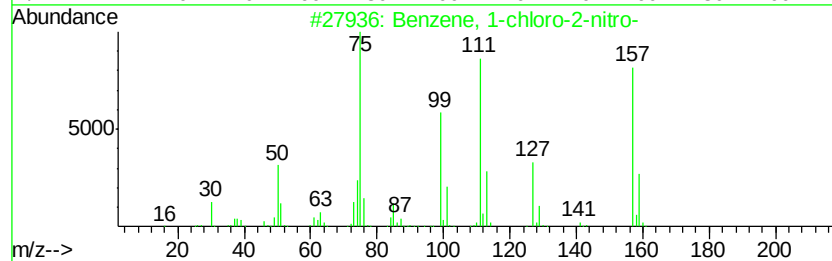
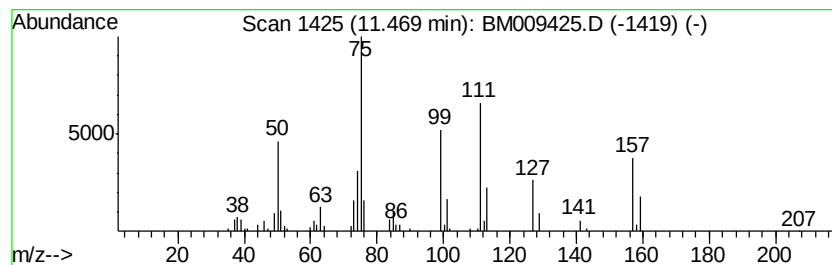
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	5.33 ng/ul	320719	Napthalene-d8	10.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	93
3	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	90
4	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	90
5	Benzene, 1-chloro-3-nitro-	157 C6H4ClNO2	000121-73-3	87



Data Path : Z:\HPCHEM1\BNA_M\Data\BM032817\
Data File : BM009425.D
Acq On : 27 Mar 2017 22:46
Operator : SJ/MA
Sample : I2358-05DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BJ4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.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-	5.18	14.4	ng/ul	16109500	1	7.85	22434900	20.0
Benzene, 1,3-dich...	7.74	2.4	ng/ul	2652360	1	7.85	22434900	20.0
Benzene, 1,4-dich...	8.21	23.7	ng/ul	26589600	1	7.85	22434900	20.0
Benzene, 1,2,4-tr...	10.51	133.5	ng/ul	8026070	2	10.65	1202560	20.0
Benzene, 1,2,3-tr...	11.03	45.9	ng/ul	2757290	2	10.65	1202560	20.0
Benzene, 1-chloro...	11.25	18.5	ng/ul	1112580	2	10.65	1202560	20.0
Benzene, 1-chloro...	11.47	5.3	ng/ul	320719	2	10.65	1202560	20.0