LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	rBV	1217499	1666671	5.09%	1.157%
2	5.240	417	434	438	rBV	7279628	32745926	100.00%	22.739%
3	7.181	758	764	773	rBV	207233	343058	1.05%	0.238%
4	7.381	791	798	802	rBV	218922	409368	1.25%	0.284%
5	7.757	851	862	873	rBV	5566959	14177103	43.29%	9.845%
6	7.934	873	892	897	rBV2	6448973	27352798	83.53%	18.994%
7	8.245	930	945	950	rBV3	6269755	23394132	71.44%	16.245%
8	8.998	1066	1073	1081	rBV	248929	407943	1.25%	0.283%
9	9.334	1123	1130	1138	rBV	487890	815237	2.49%	0.566%
10	9.651	1180	1184	1190	rVV	192212	358719	1.10%	0.249%
11	10.257	1280	1287	1294	rBV	296653	593109	1.81%	0.412%
12	10.539	1321	1335	1340	rBV3	6153930	20881720	63.77%	14.500%
13	10.651	1348	1354	1359	rBV	326851	497724	1.52%	0.346%
14	11.033	1409	1419	1427	rBV	3862596	7524628	22.98%	5.225%
15	12.663	1691	1696	1702	rVB	236771	380569	1.16%	0.264%
16	13.274	1793	1800	1812	rVB	647301	998762	3.05%	0.694%
17	13.886	1898	1904	1910	rBV	576621	795495	2.43%	0.552%
18	14.168	1945	1952	1964	rBV	684086	991250	3.03%	0.688%
19	14.474	1998	2004	2013	rBV2	430905	677347	2.07%	0.470%
20	15.468	2167	2173	2181	rBV	866879	1278902	3.91%	0.888%
21	17.221	2464	2471	2477	rBV	561789	806397	2.46%	0.560%
22	17.321	2481	2488	2501	rVV	975697	1412296	4.31%	0.981%
23	19.615	2871	2878	2888	rBV	1212286	1731886	5.29%	1.203%
24	21.403	3176	3182	3189	rBV	811290	1057578	3.23%	0.734%
25	23.556	3541	3548	3564	rVB	896355	1734832	5.30%	1.205%
26	23.703	3566	3573	3583	rVB	507666	975288	2.98%	0.677%

Sum of corrected areas: 144008738

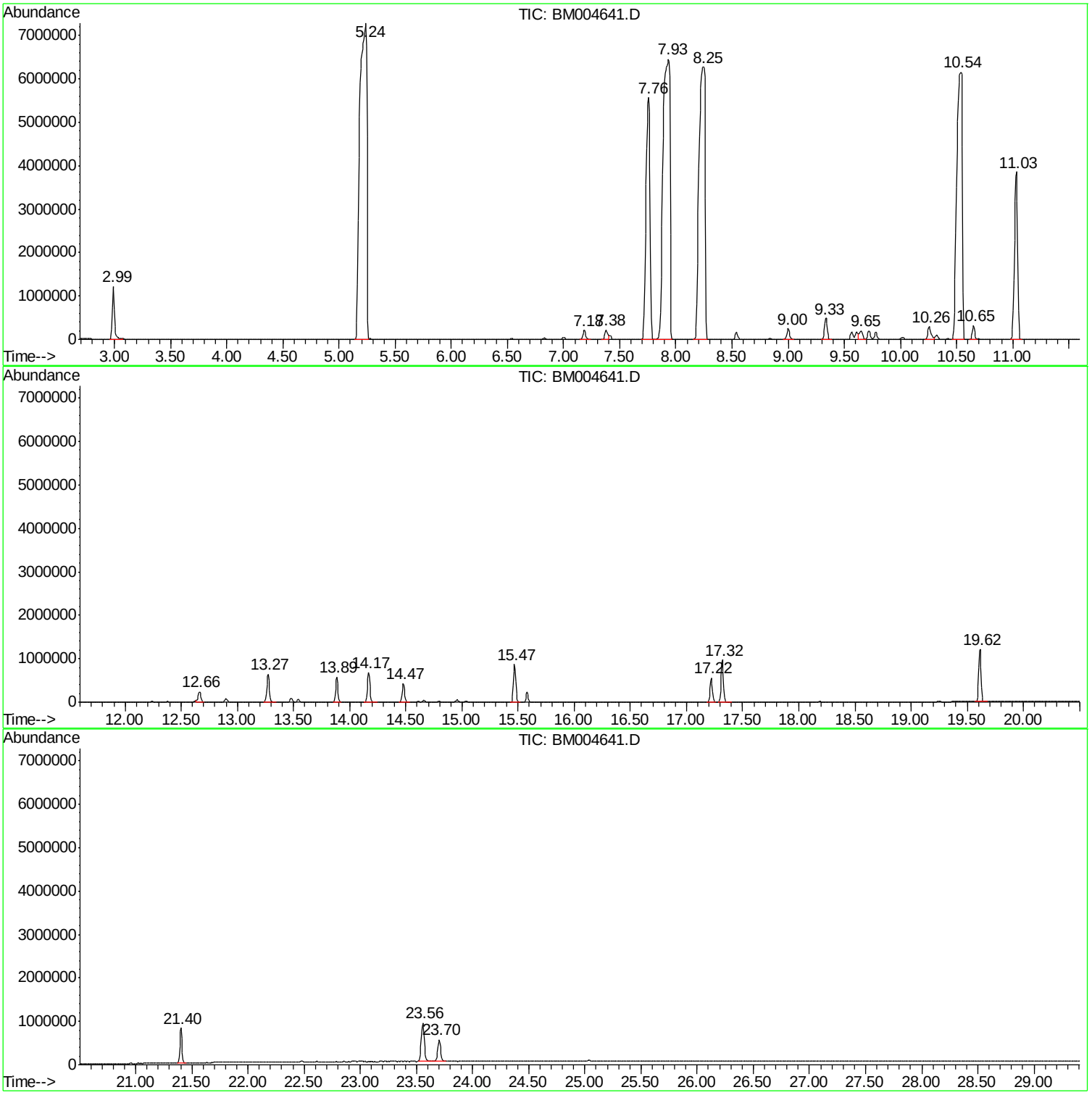
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA8

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

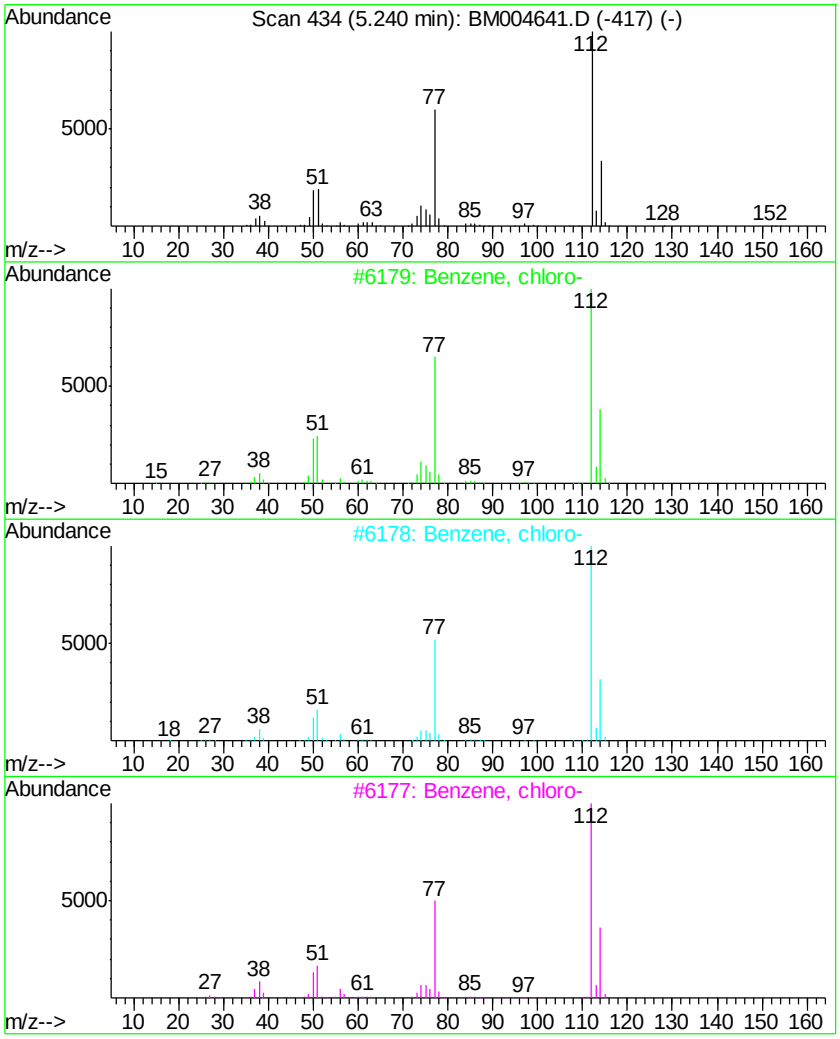
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

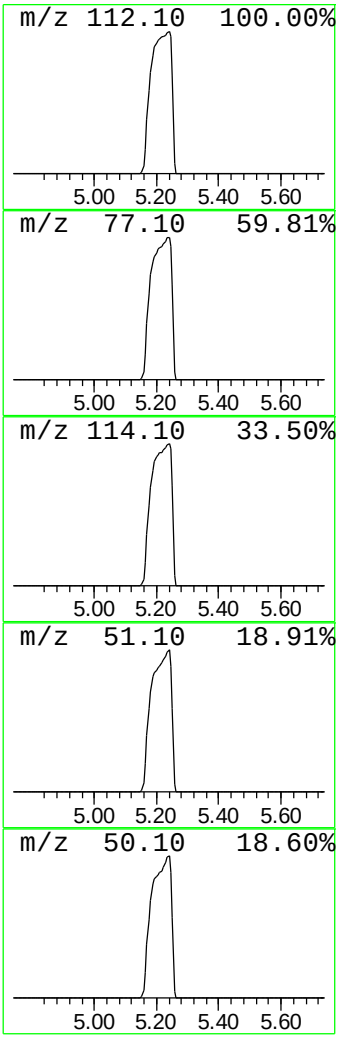
****

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	23.94 ng/ul	32745900	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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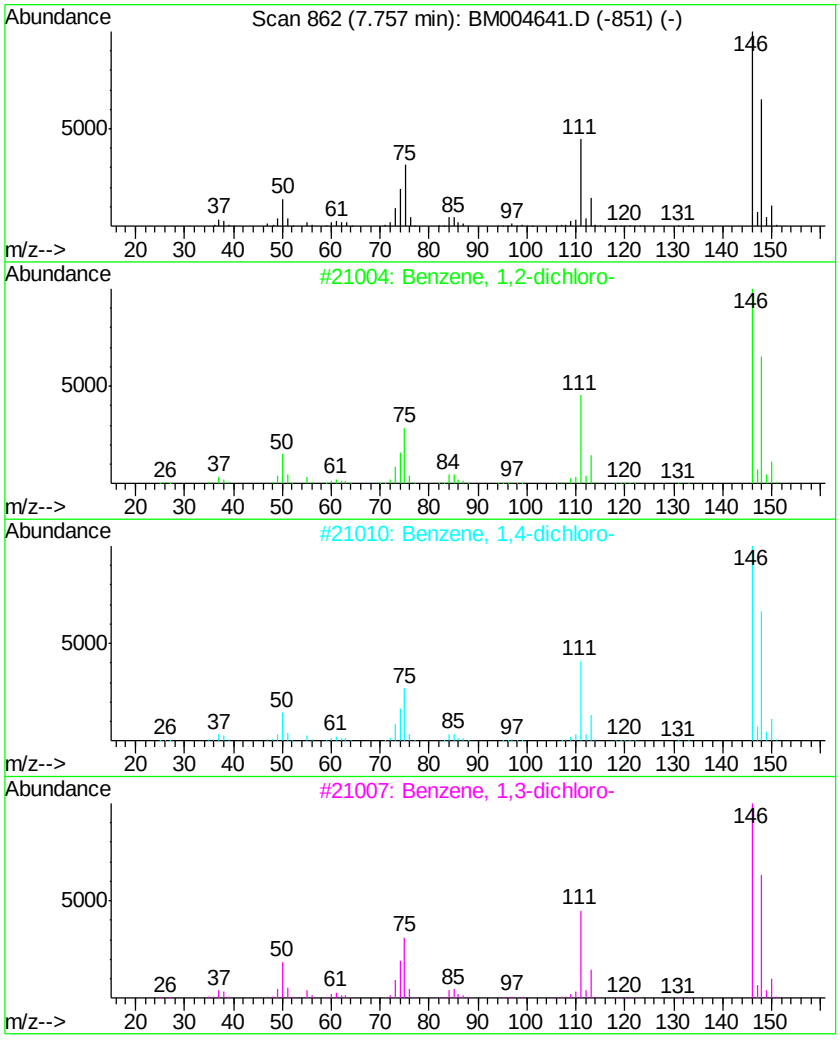
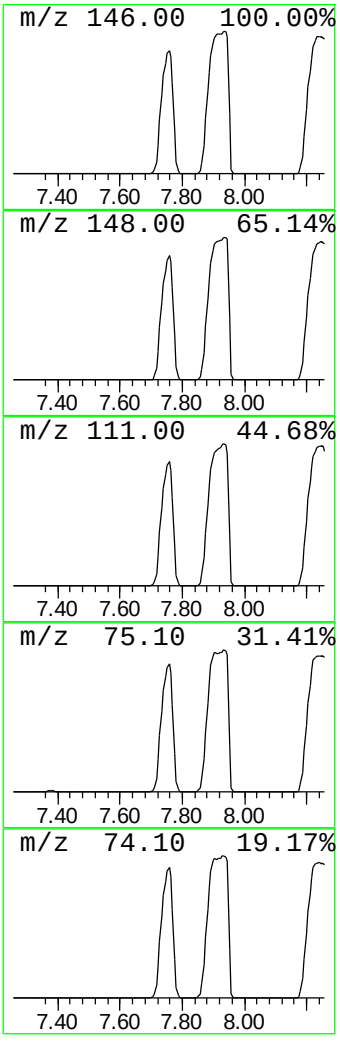
Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	10.37 ng/ul	14177100	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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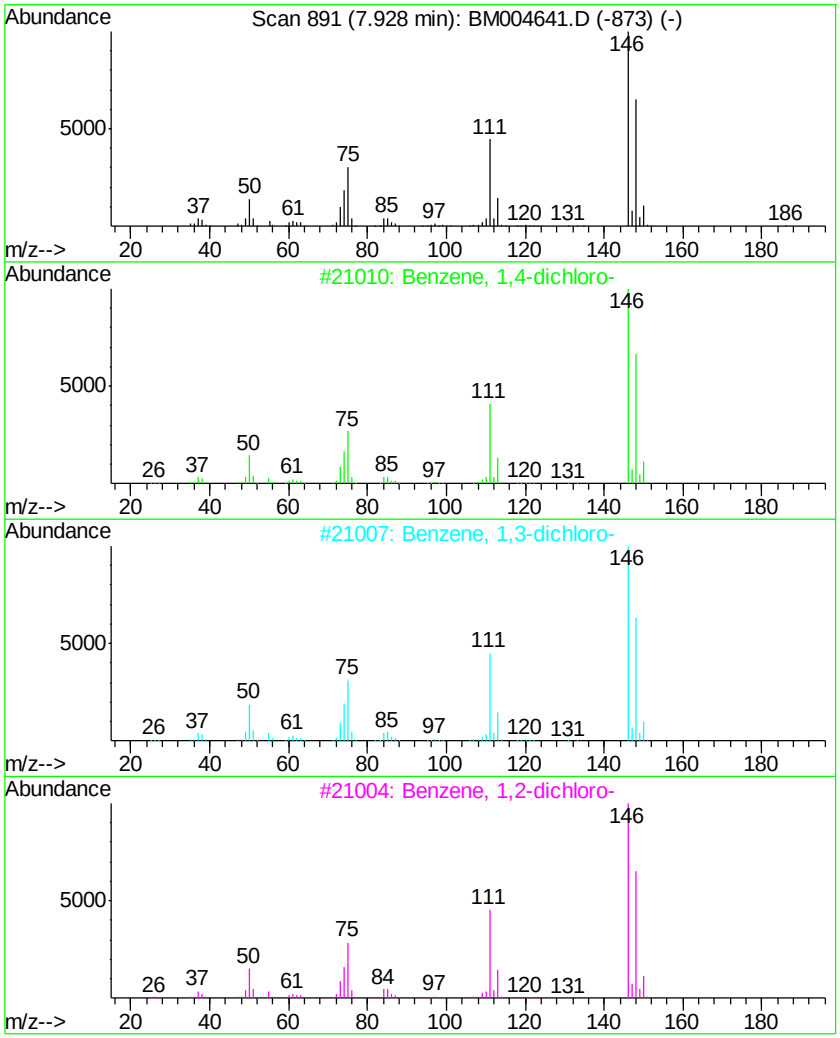
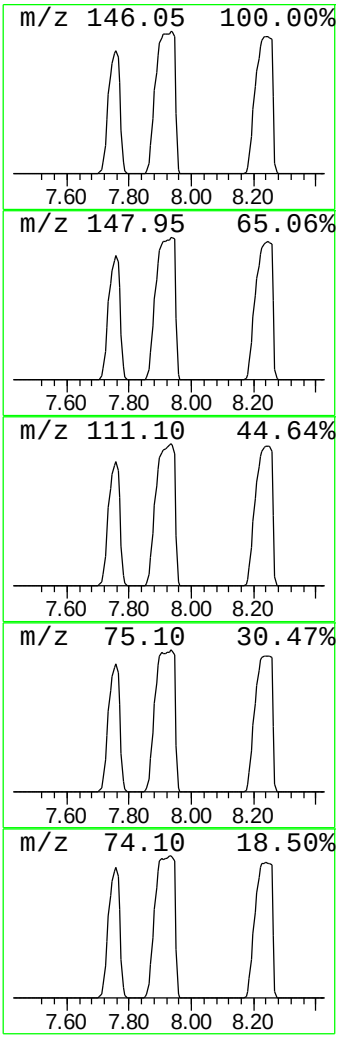
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	20.00 ng/ul	27352800	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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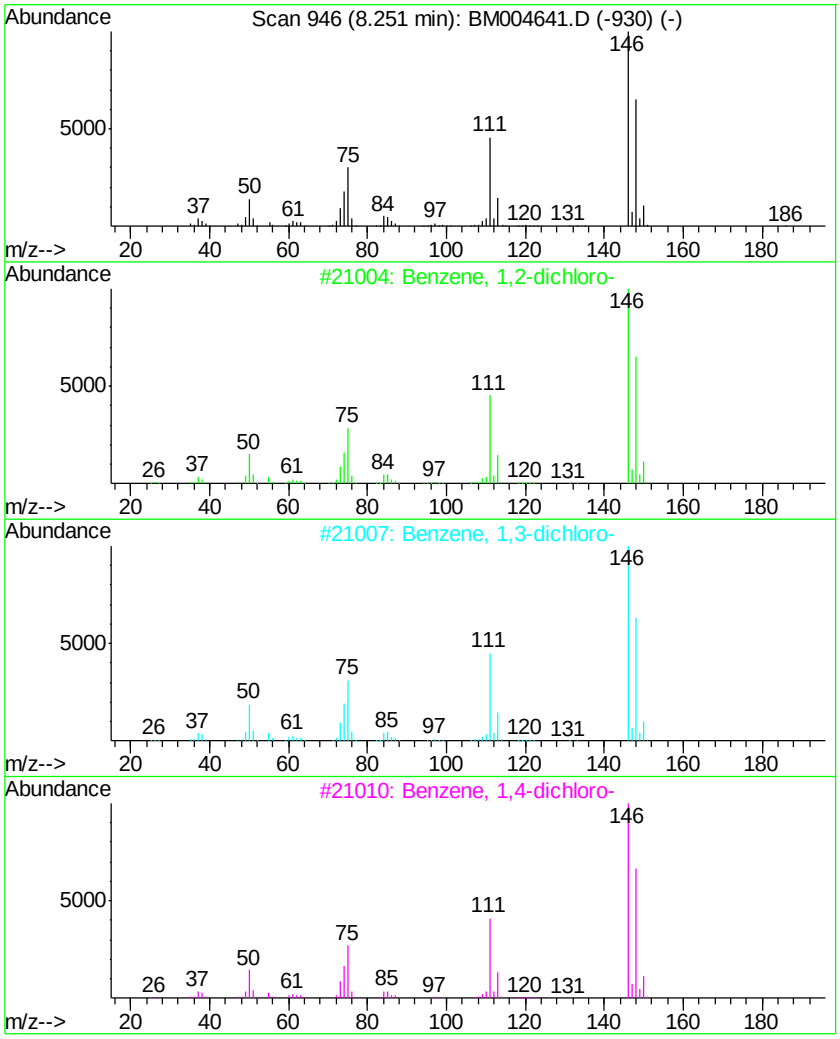
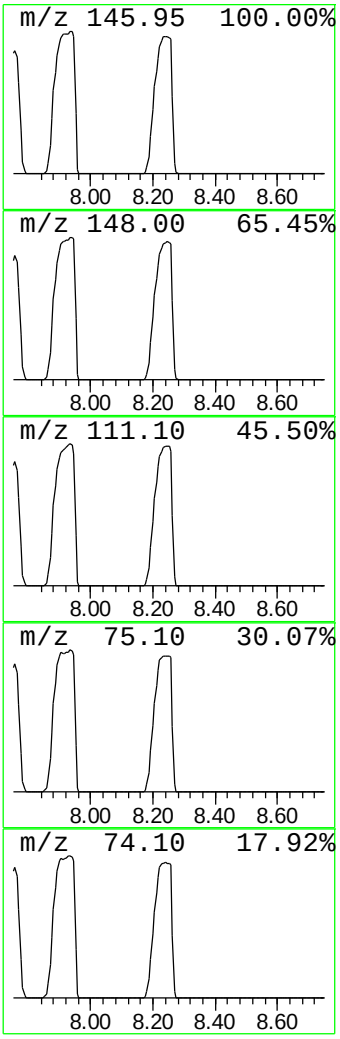
Peak Number 4 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	17.11 ng/ul	23394100	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

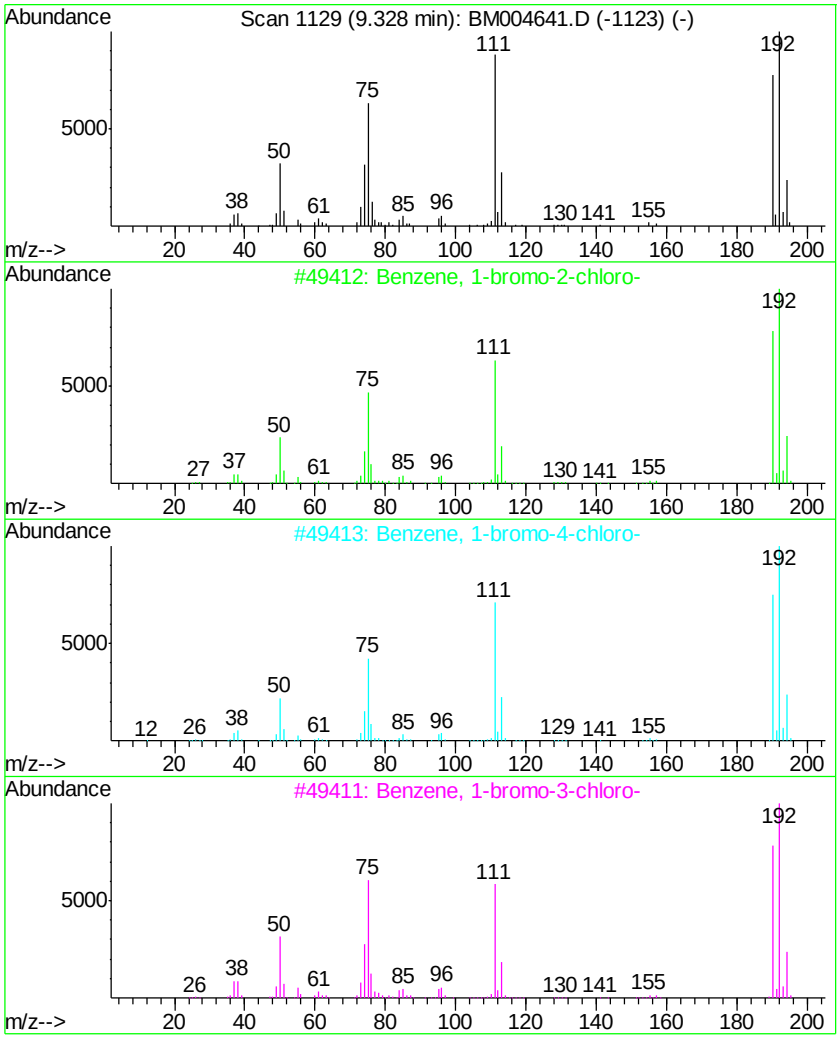
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

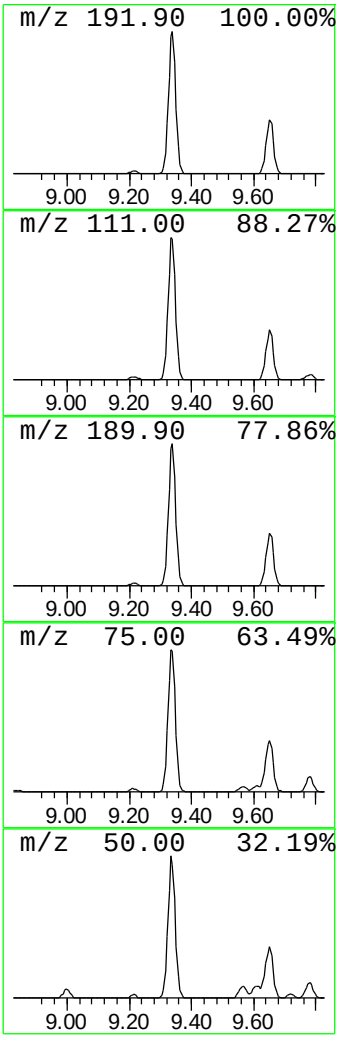
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	32.76 ng/ul	815237	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
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Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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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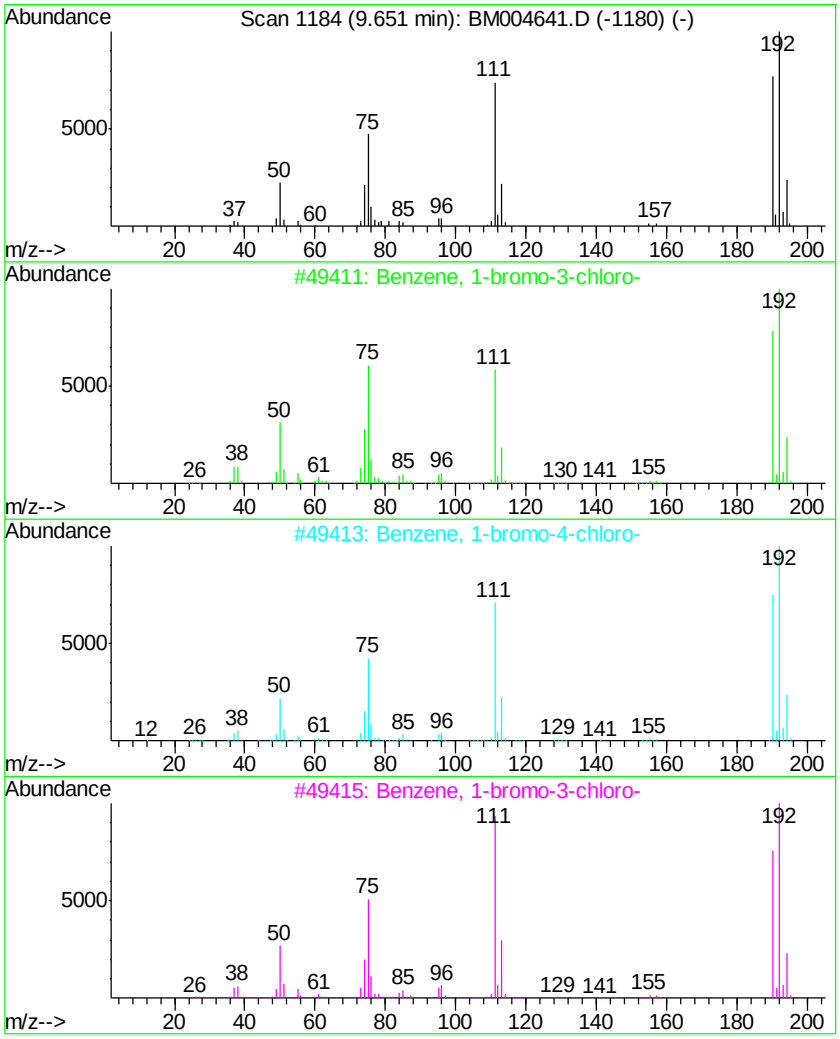
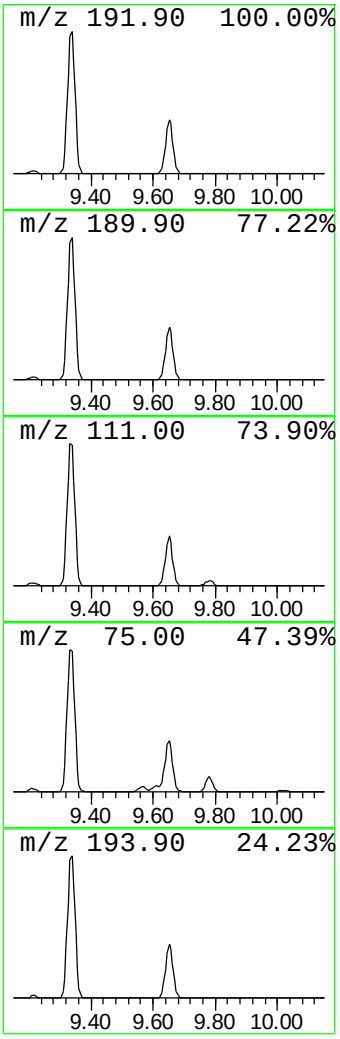
Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	14.41 ng/ul	358719	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
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Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

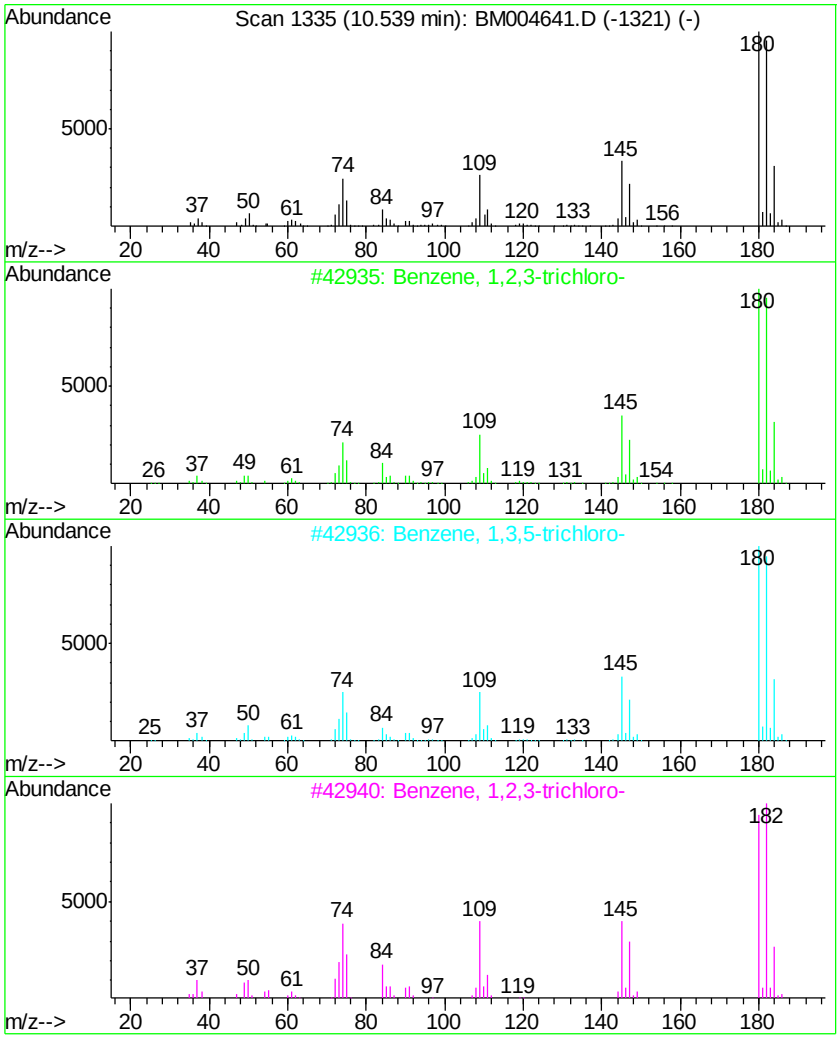
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

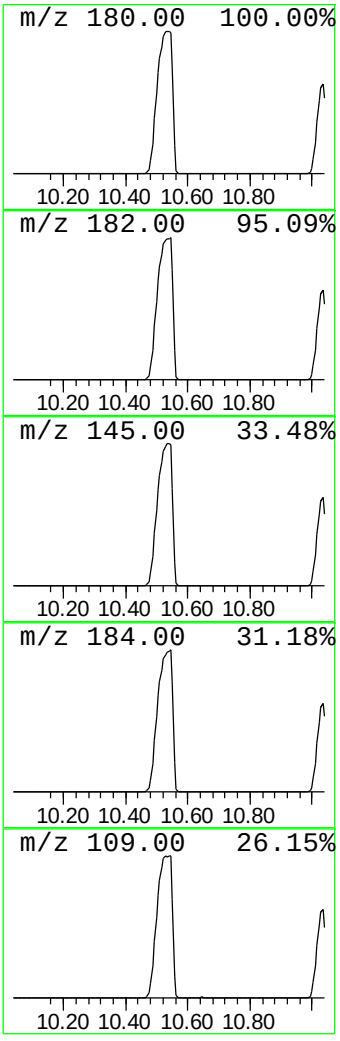
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	839.09 ng/ul	20881700	Naphthalene-d8	10.65

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\BM031616\
Data File : BM004641.D
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Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

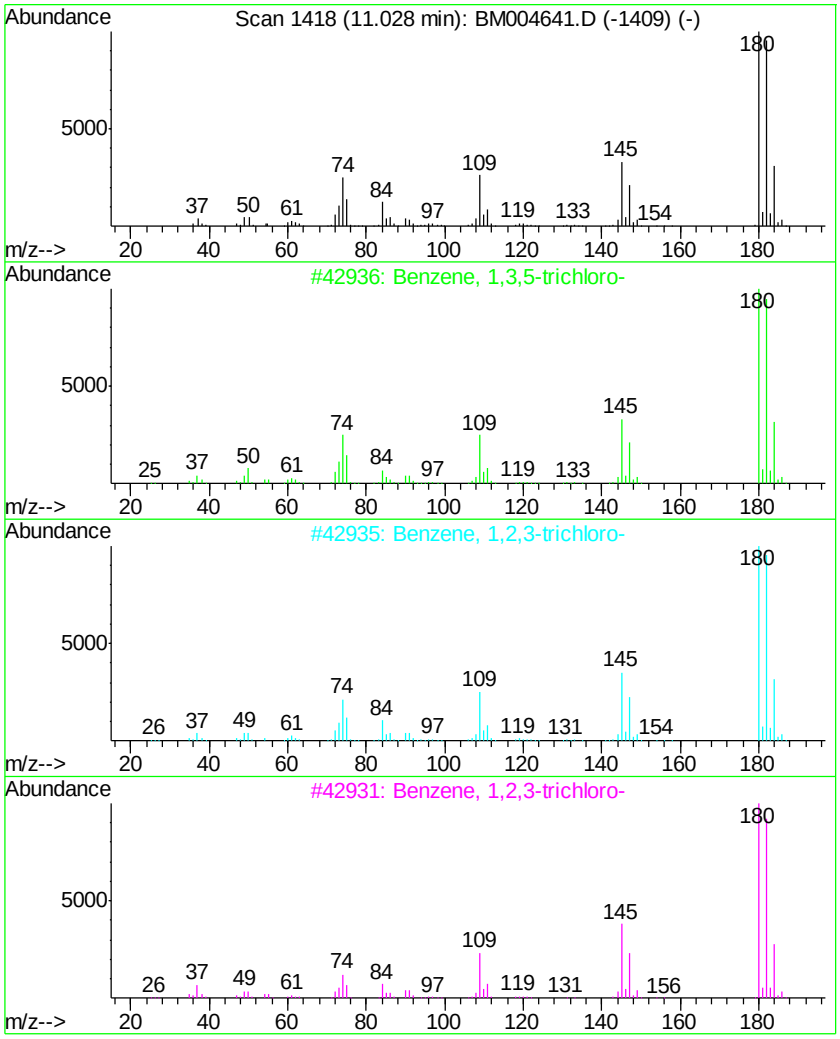
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

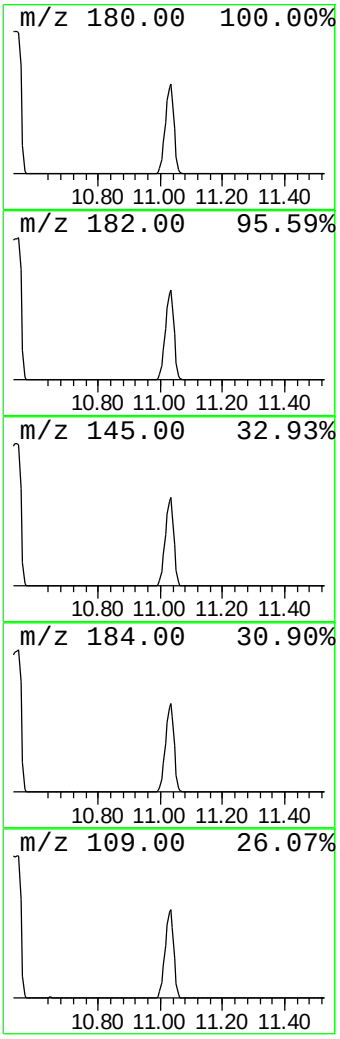
****

Peak Number 8 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	302.36 ng/ul	7524630	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004641.D
Acq On : 16 Mar 2016 18:05
Operator : UM/SJ
Sample : H1783-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	5.24	23.9	ng/ul	32745900	1	7.86	27352800	20.0
Benzene, 1,2-dich...	7.76	10.4	ng/ul	14177100	1	7.86	27352800	20.0
Benzene, 1,4-dich...	7.93	20.0	ng/ul	27352800	1	7.86	27352800	20.0
Benzene, 1,3-dich...	8.25	17.1	ng/ul	23394100	1	7.86	27352800	20.0
Benzene, 1-bromo-...	9.33	32.8	ng/ul	815237	2	10.65	497724	20.0
Benzene, 1-bromo-...	9.65	14.4	ng/ul	358719	2	10.65	497724	20.0
Benzene, 1,2,3-tr...	10.54	839.1	ng/ul	20881700	2	10.65	497724	20.0
Benzene, 1,3,5-tr...	11.03	302.4	ng/ul	7524630	2	10.65	497724	20.0