LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004646.D
Acq On : 16 Mar 2016 21:44
Operator : UM/SJ
Sample : H1783-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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	47	51	64	rVB	232405	300449	2.05%	0.435%
2	5.181	417	424	441	rVB	4073606	7180027	48.97%	10.397%
3	7.175	757	763	772	rVB	249559	374235	2.55%	0.542%
4	7.375	790	797	809	rBV	242879	387612	2.64%	0.561%
5	7.734	851	858	869	rVB	1595266	2636113	17.98%	3.817%
6	7.892	871	885	892	rBV	5376271	12272679	83.70%	17.772%
7	8.204	929	938	952	rBV	4357481	8610809	58.72%	12.469%
8	8.539	988	995	1004	rBV	148939	237912	1.62%	0.345%
9	8.998	1066	1073	1084	rBV	275821	449438	3.06%	0.651%
10	9.333	1124	1130	1138	rBV	284052	457588	3.12%	0.663%
11	9.645	1179	1183	1190	rVV	142073	253818	1.73%	0.368%
12	9.716	1190	1195	1201	rVB	218458	348611	2.38%	0.505%
13	10.251	1279	1286	1294	rBV	339448	568325	3.88%	0.823%
14	10.522	1320	1332	1338	rBV	5803262	14663568	100.00%	21.234%
15	10.645	1346	1353	1360	rVB	340324	548892	3.74%	0.795%
16	11.028	1409	1418	1426	rBV	3117769	5799488	39.55%	8.398%
17	12.663	1691	1696	1702	rVB	118028	180136	1.23%	0.261%
18	13.269	1793	1799	1809	rVB	447417	698058	4.76%	1.011%
19	13.886	1897	1904	1909	rBV	664457	917113	6.25%	1.328%
20	14.168	1945	1952	1961	rBV	728748	1074448	7.33%	1.556%
21	14.474	1998	2004	2012	rVB2	458133	716113	4.88%	1.037%
22	15.468	2167	2173	2181	rVB	1065493	1489488	10.16%	2.157%
23	15.580	2186	2192	2198	rBV	271131	348806	2.38%	0.505%
24	17.221	2464	2471	2478	rBV	628969	885457	6.04%	1.282%
25	17.321	2481	2488	2496	rBV	1119084	1635351	11.15%	2.368%
26	19.609	2871	2877	2888	rBV	1398436	1982509	13.52%	2.871%
27	21.403	3176	3182	3190	rBV	827380	1108660	7.56%	1.605%
28	23.556	3540	3548	3563	rBV	971206	1908960	13.02%	2.764%
29	23.703	3566	3573	3587	rVB2	516208	1023278	6.98%	1.482%

Sum of corrected areas: 69057941

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
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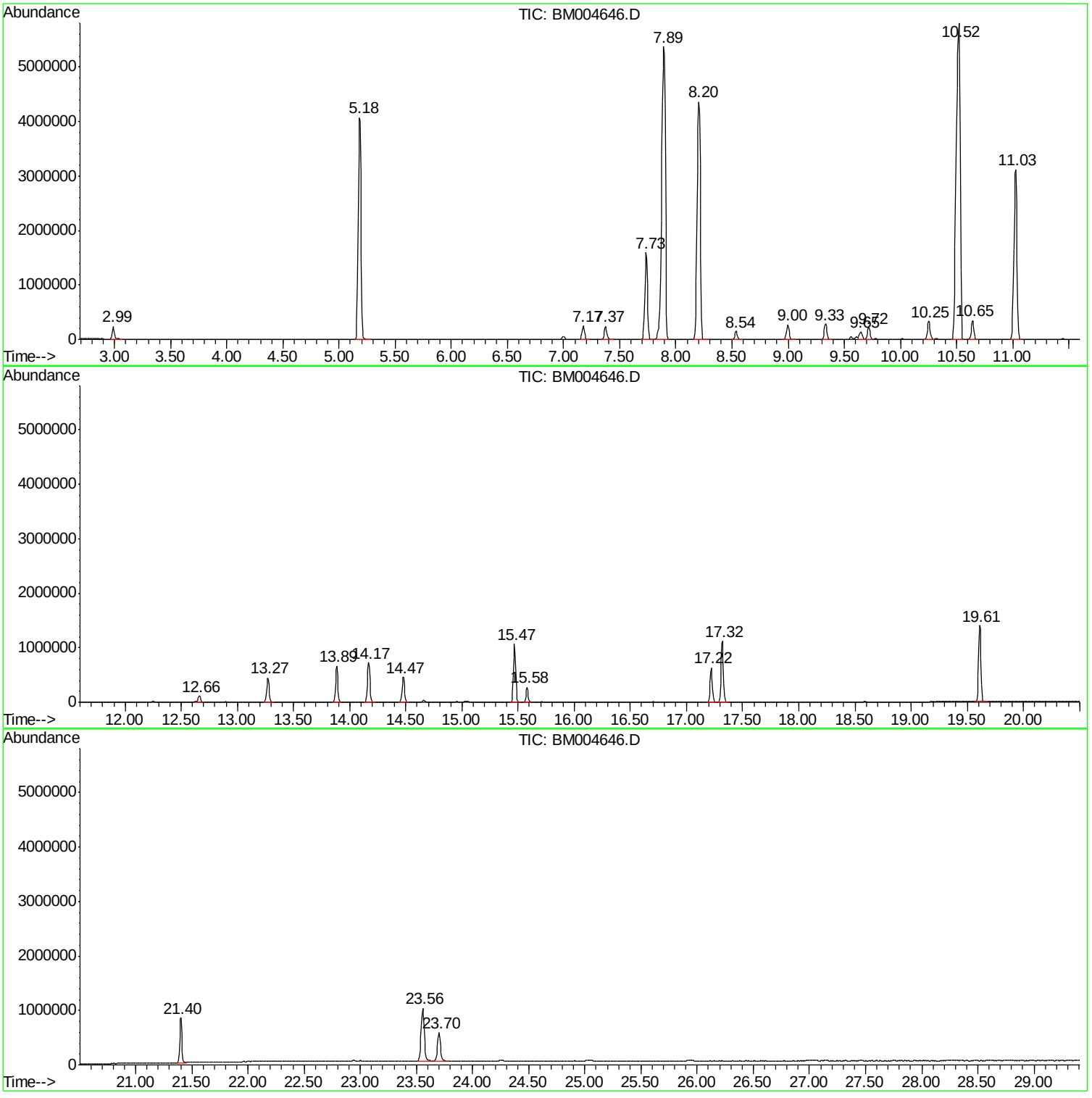
Acq On : 16 Mar 2016 21:44
Operator : UM/SJ
Sample : H1783-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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 : BM004646.D
Acq On : 16 Mar 2016 21:44
Operator : UM/SJ
Sample : H1783-12
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ALS Vial : 18 Sample Multiplier: 1

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

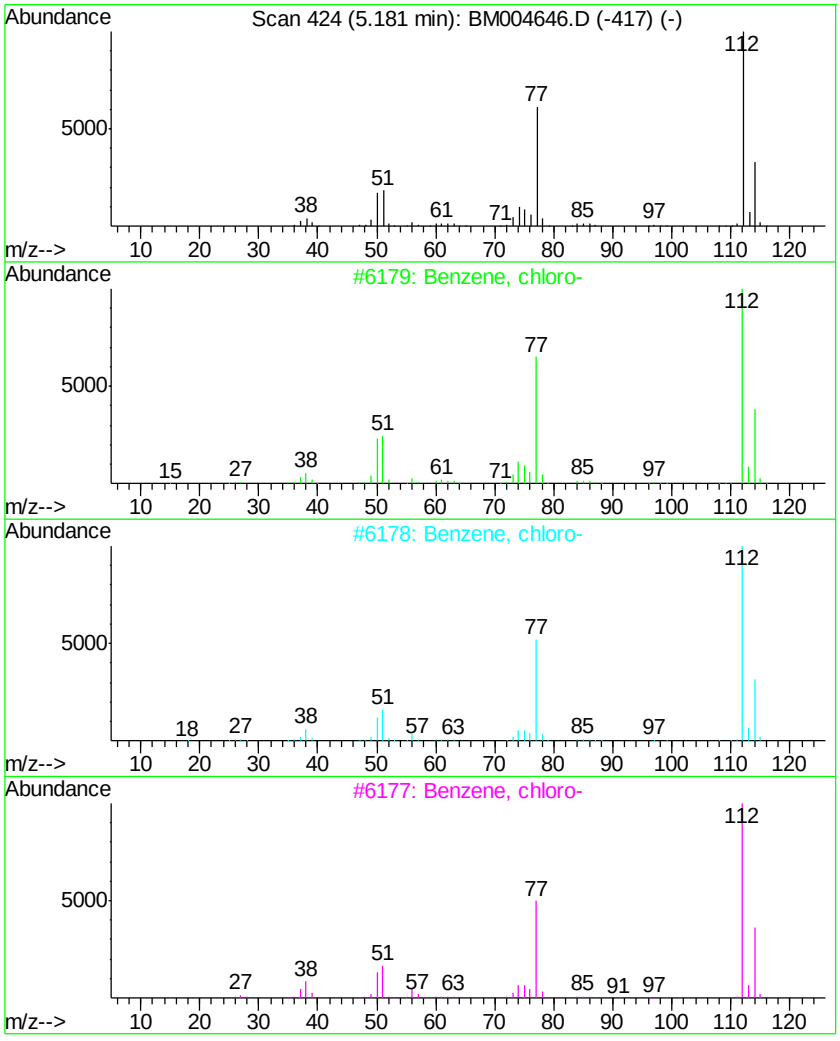
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

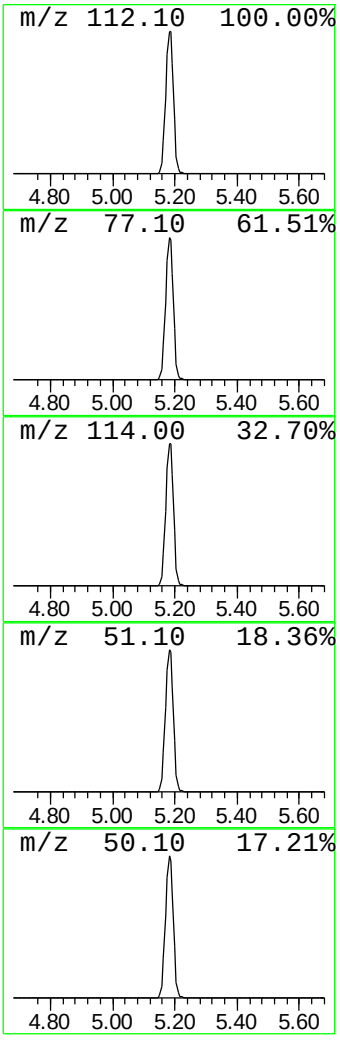
****

Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	11.70 ng/ul	7180030	1,4-Dichlorobenzene-d4	7.85

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	25





Library Search Compound Report

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Data File : BM004646.D
Acq On : 16 Mar 2016 21:44
Operator : UM/SJ
Sample : H1783-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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

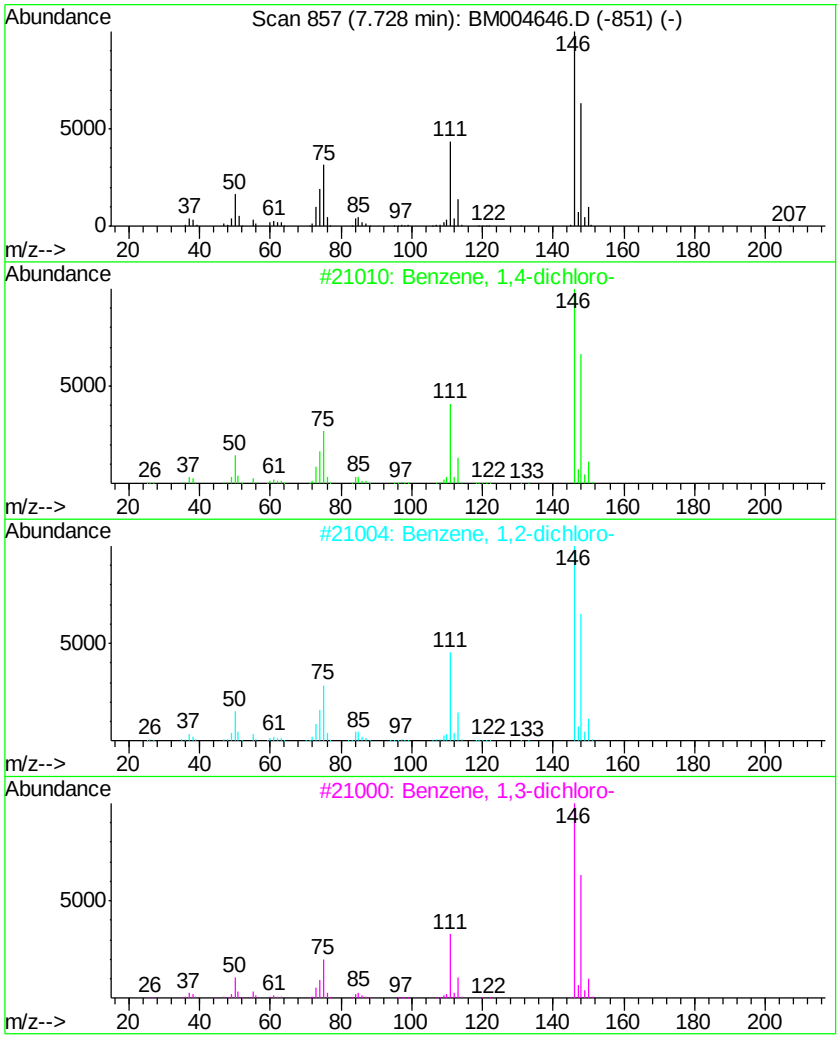
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

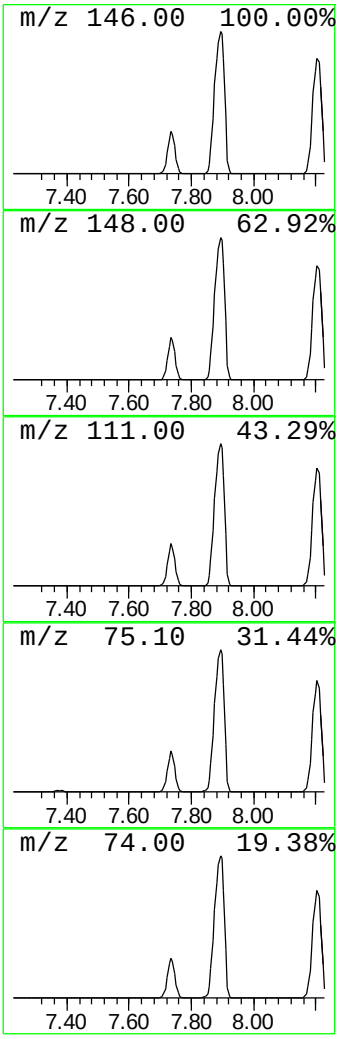
****

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	4.30 ng/ul	2636110	1,4-Dichlorobenzene-d4	7.85

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004646.D
Acq On : 16 Mar 2016 21:44
Operator : UM/SJ
Sample : H1783-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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

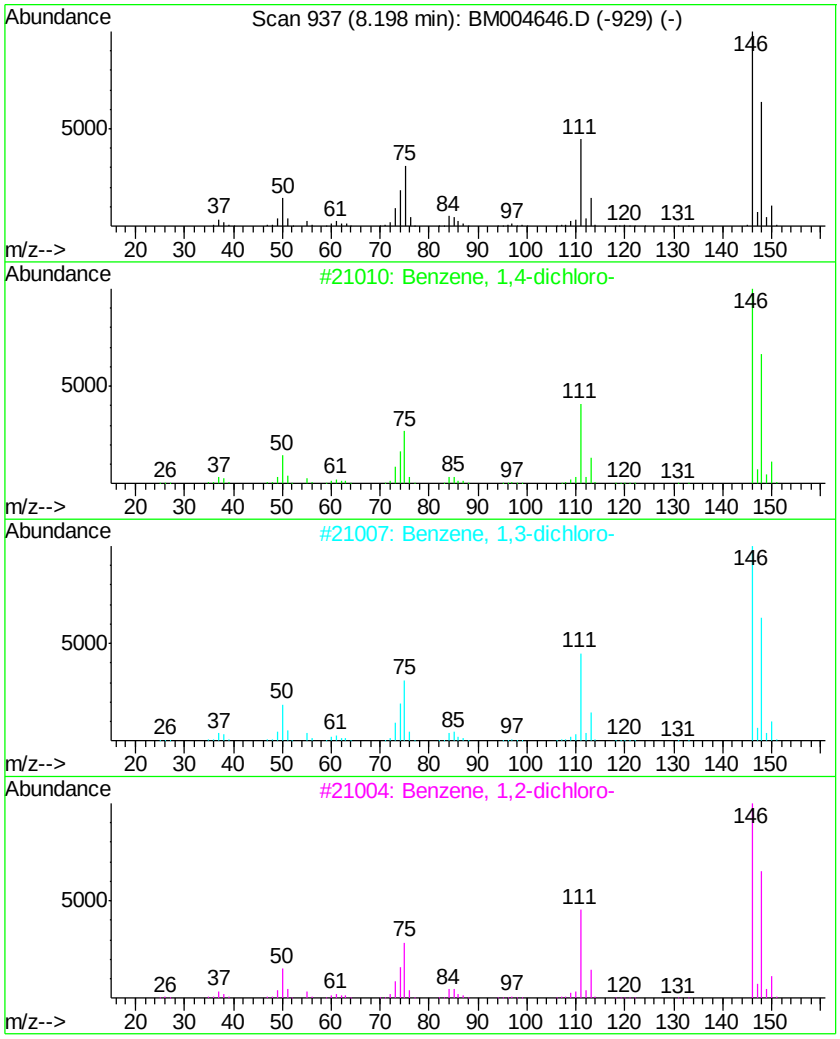
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

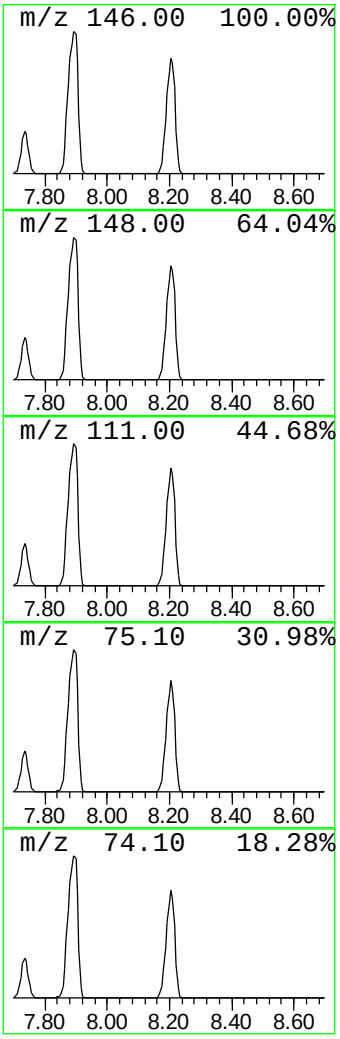
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	14.03 ng/ul	8610810	1,4-Dichlorobenzene-d4	7.85

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	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
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 : BM004646.D
Acq On : 16 Mar 2016 21:44
Operator : UM/SJ
Sample : H1783-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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

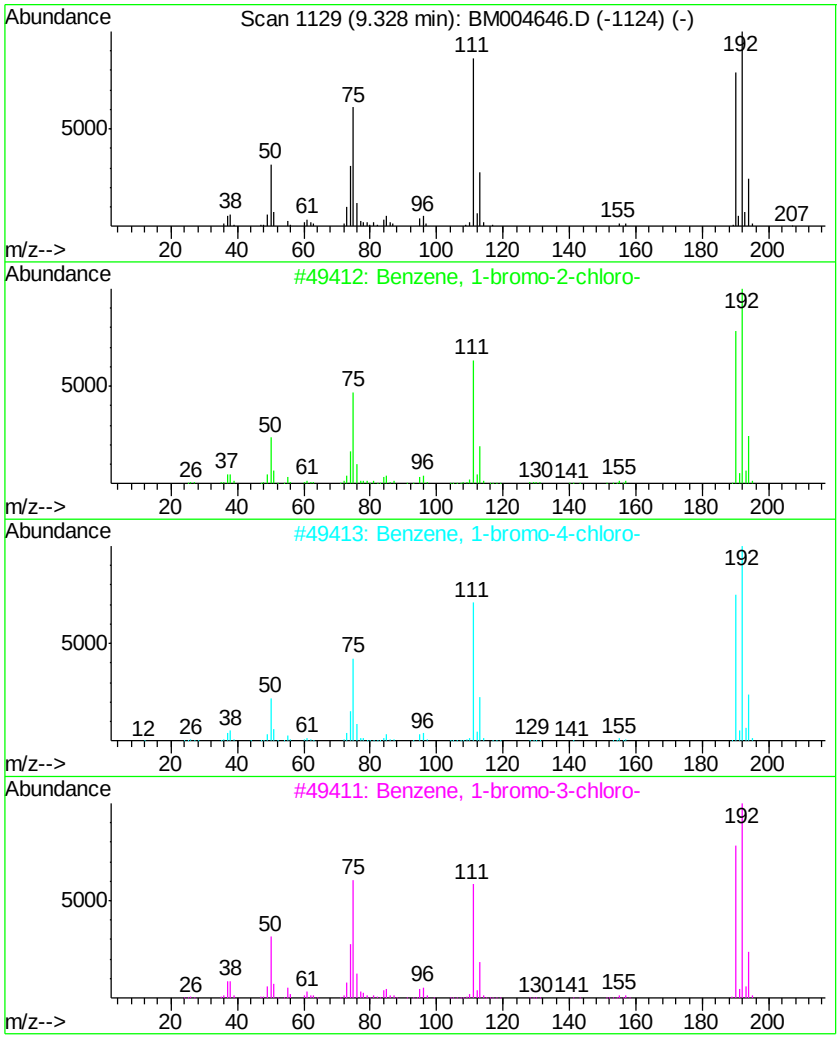
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

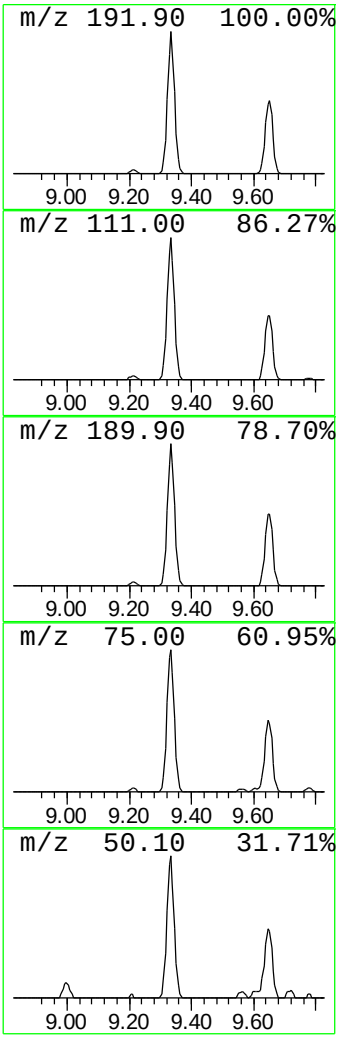
****

Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	16.67 ng/ul	457588	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	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004646.D
Acq On : 16 Mar 2016 21:44
Operator : UM/SJ
Sample : H1783-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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

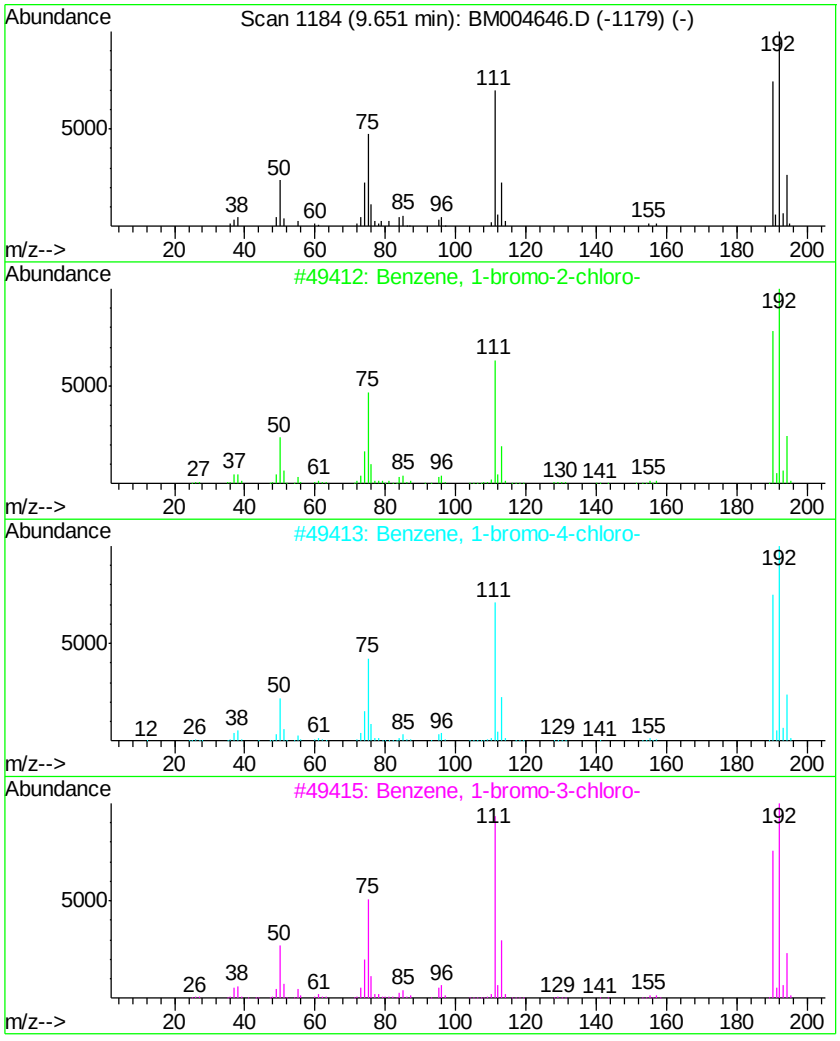
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

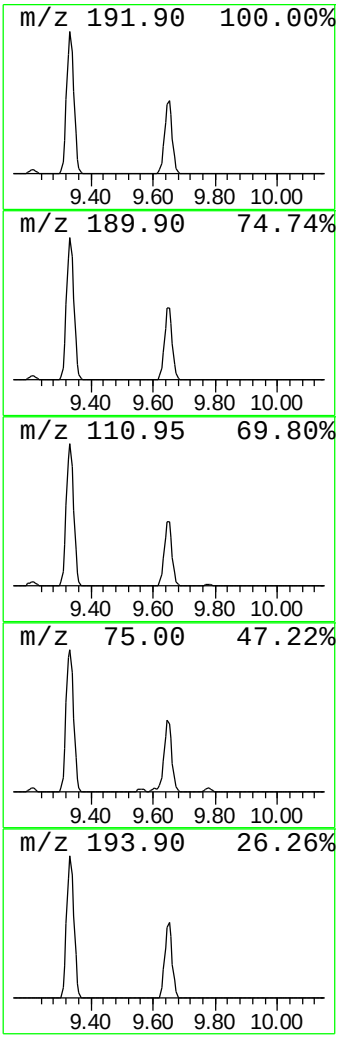
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	9.25 ng/ul	253818	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
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-2-chloro-	190	C6H4BrCl	000694-80-4	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96





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Sample : H1783-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC9

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

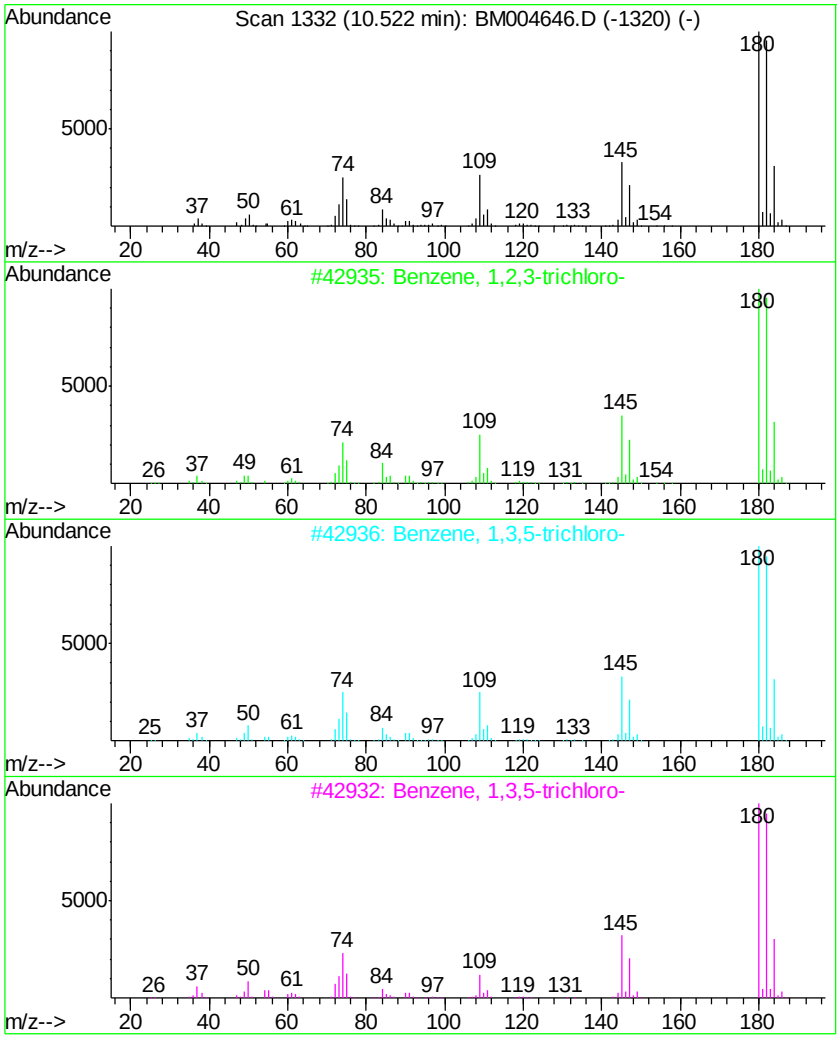
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

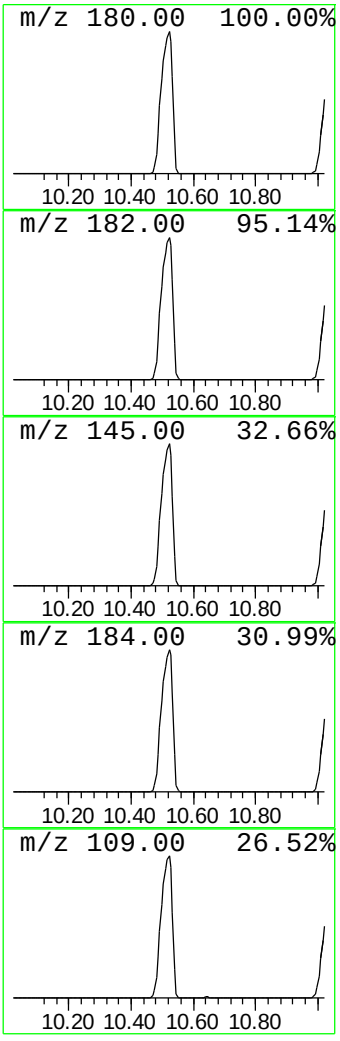
****

Peak Number 6 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	534.30 ng/ul	14663600	Naphthalene-d8	10.65

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





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC9

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

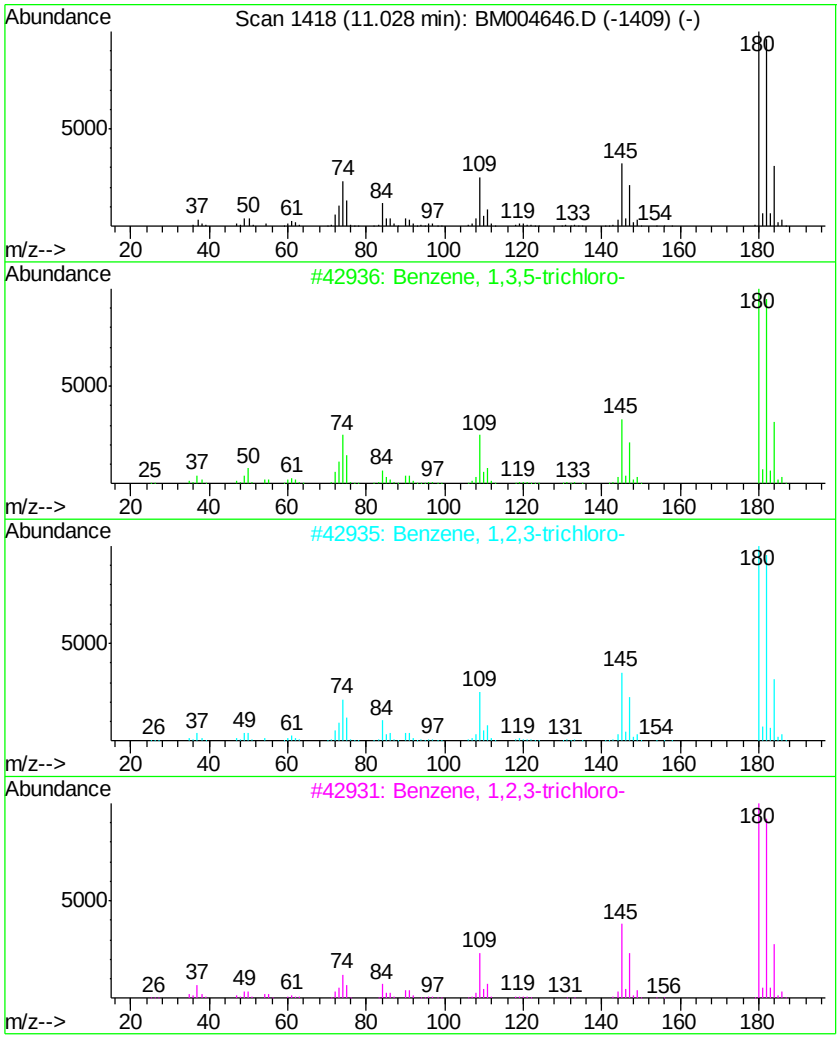
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

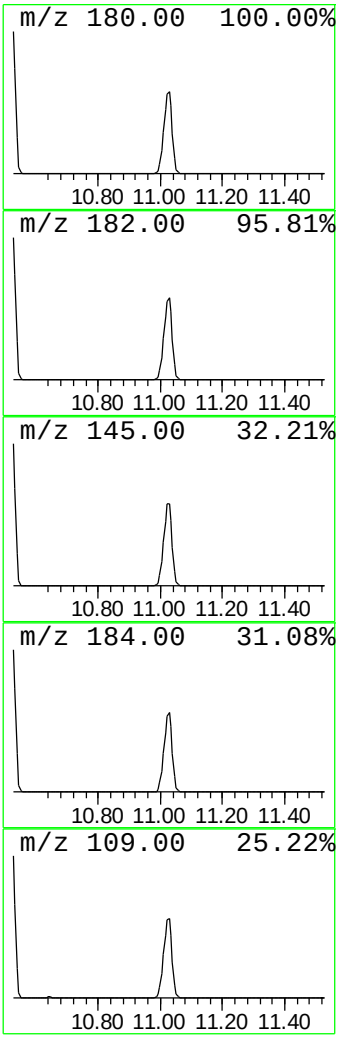
****

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	211.32 ng/ul	5799490	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

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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-	5.18	11.7	ng/ul	7180030	1	7.85	12272700	20.0
Benzene, 1,4-dich...	7.73	4.3	ng/ul	2636110	1	7.85	12272700	20.0
Benzene, 1,3-dich...	8.20	14.0	ng/ul	8610810	1	7.85	12272700	20.0
Benzene, 1-bromo-...	9.33	16.7	ng/ul	457588	2	10.65	548892	20.0
Benzene, 1-bromo-...	9.65	9.3	ng/ul	253818	2	10.65	548892	20.0
Benzene, 1,2,3-tr...	10.52	534.3	ng/ul	14663600	2	10.65	548892	20.0
Benzene, 1,3,5-tr...	11.03	211.3	ng/ul	5799490	2	10.65	548892	20.0