LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009366.D
Acq On : 24 Mar 2017 05:34
Operator : SJ/MA
Sample : I2358-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH1

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\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	5.187	347	357	371	rBV	20592986	30544144	24.91%	10.148%
2	7.387	723	731	744	rVB	763306	1319880	1.08%	0.438%
3	7.751	784	793	802	rBV	12827851	20176498	16.45%	6.703%
4	7.904	804	819	827	rBV	30847158	49464724	40.33%	16.433%
5	8.216	862	872	879	rBV	16339796	26118050	21.30%	8.677%
6	9.022	1001	1009	1016	rBV	963100	1577245	1.29%	0.524%
7	9.351	1058	1065	1076	rVB	816550	1365938	1.11%	0.454%
8	9.739	1124	1131	1136	rBV2	789246	1299238	1.06%	0.432%
9	10.275	1214	1222	1230	rBV	997830	1990216	1.62%	0.661%
10	10.545	1255	1268	1273	rBV	60797780	122641183	100.00%	40.745%
11	10.663	1282	1288	1296	rBV	973646	1514184	1.23%	0.503%
12	11.039	1344	1352	1362	rBV	3995634	6516069	5.31%	2.165%
13	13.904	1827	1839	1845	rBV	1929132	2590200	2.11%	0.861%
14	14.192	1878	1888	1897	rBV	2052103	2909490	2.37%	0.967%
15	14.498	1932	1940	1952	rBV2	1280789	1997222	1.63%	0.664%
16	15.492	2100	2109	2119	rBV	2842867	3912182	3.19%	1.300%
17	15.610	2123	2129	2140	rBV	976808	1314230	1.07%	0.437%
18	17.245	2401	2407	2414	rBV	1670933	2320481	1.89%	0.771%
19	17.345	2418	2424	2435	rVV2	3088597	4287906	3.50%	1.425%
20	19.639	2807	2814	2824	rBV	4081612	5333328	4.35%	1.772%
21	21.421	3111	3117	3122	rBV	2693361	3242927	2.64%	1.077%
22	23.597	3479	3487	3495	rBV2	2909319	5458599	4.45%	1.813%
23	23.744	3506	3512	3522	rVB	1564604	3106284	2.53%	1.032%

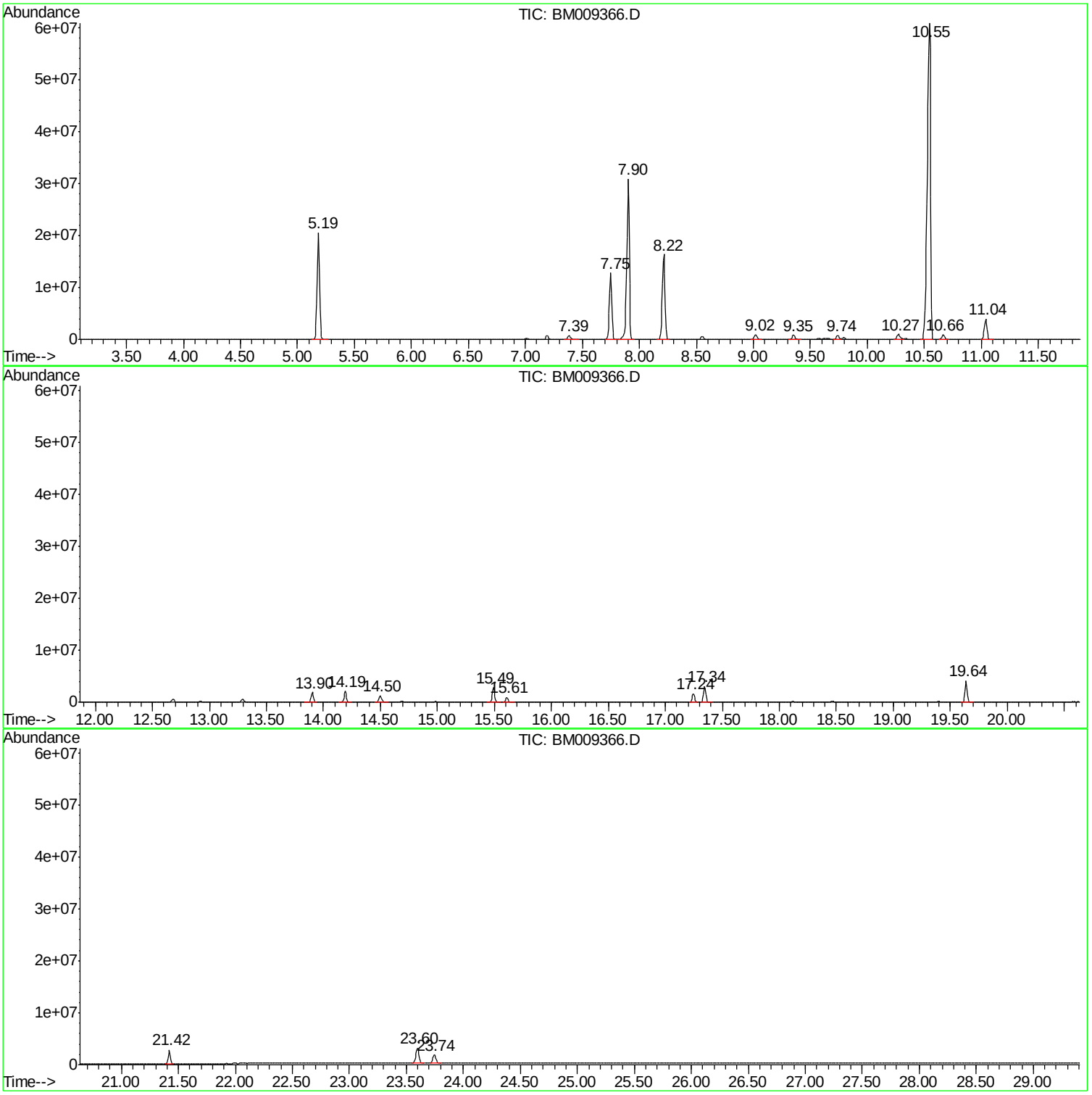
Sum of corrected areas: 301000218

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009366.D
Acq On : 24 Mar 2017 05:34
Operator : SJ/MA
Sample : I2358-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BH1

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009366.D
Acq On : 24 Mar 2017 05:34
Operator : SJ/MA
Sample : I2358-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH1

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

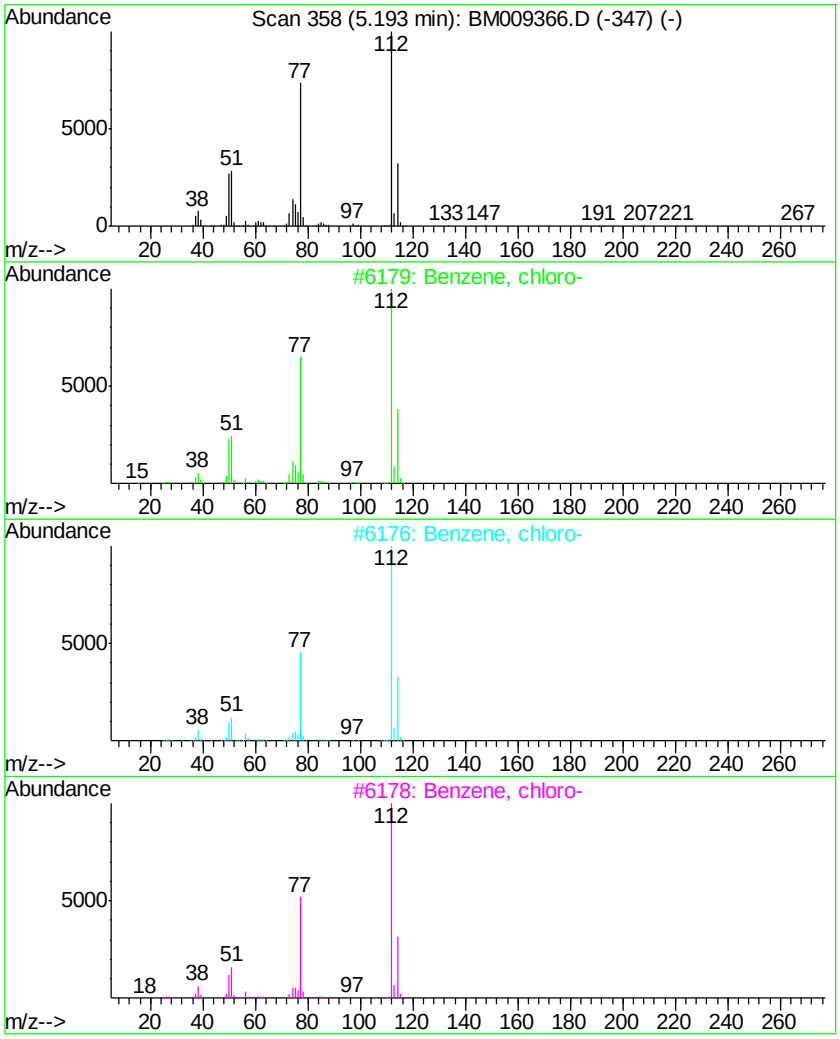
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

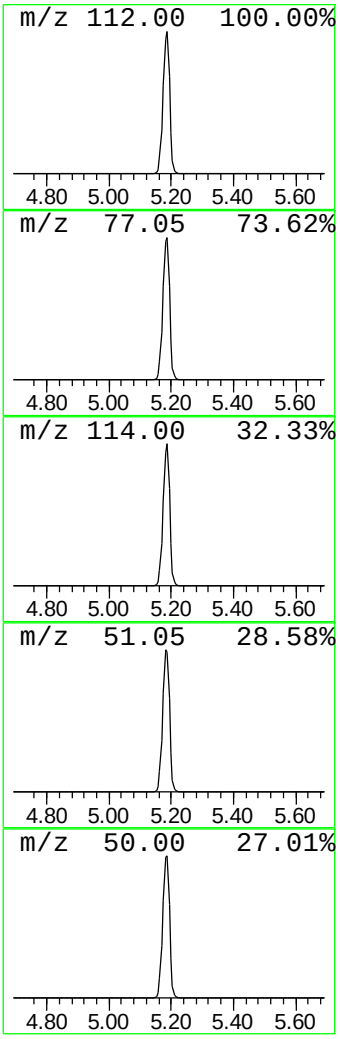
****

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	12.35 ng/ul	30544100	1,4-Dichlorobenzene-d4	7.86

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009366.D
Acq On : 24 Mar 2017 05:34
Operator : SJ/MA
Sample : I2358-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH1

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

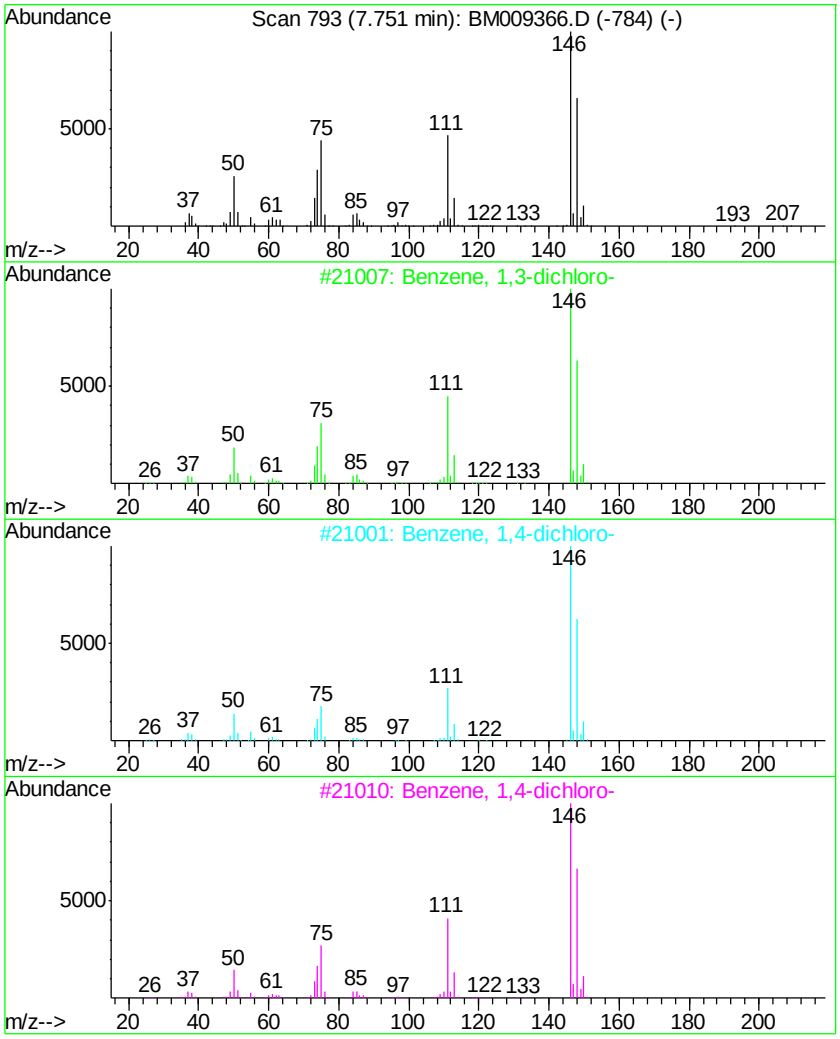
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

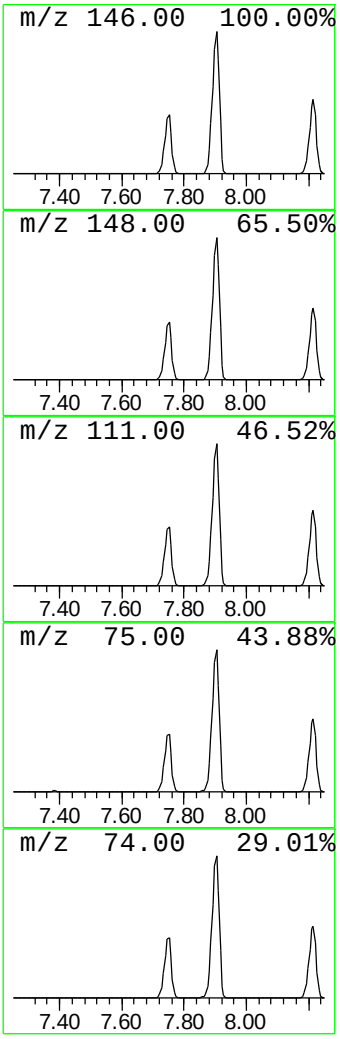
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	8.16 ng/ul	20176500	1,4-Dichlorobenzene-d4	7.86

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009366.D
Acq On : 24 Mar 2017 05:34
Operator : SJ/MA
Sample : I2358-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH1

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

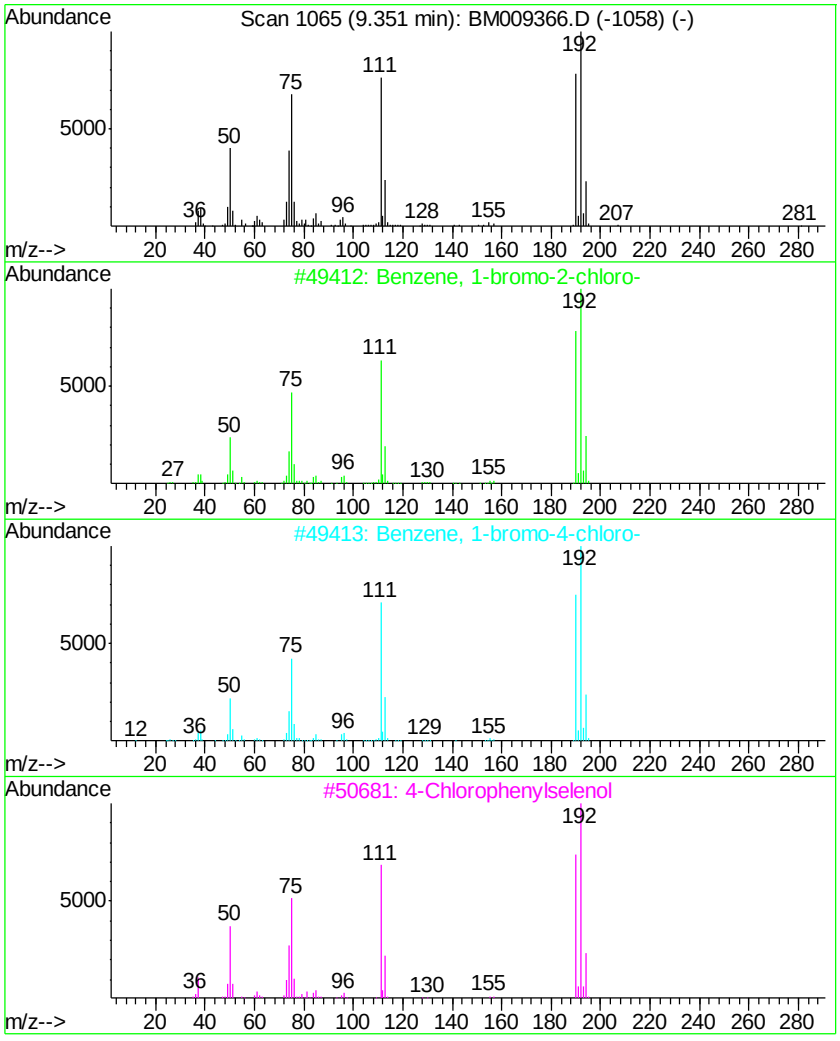
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

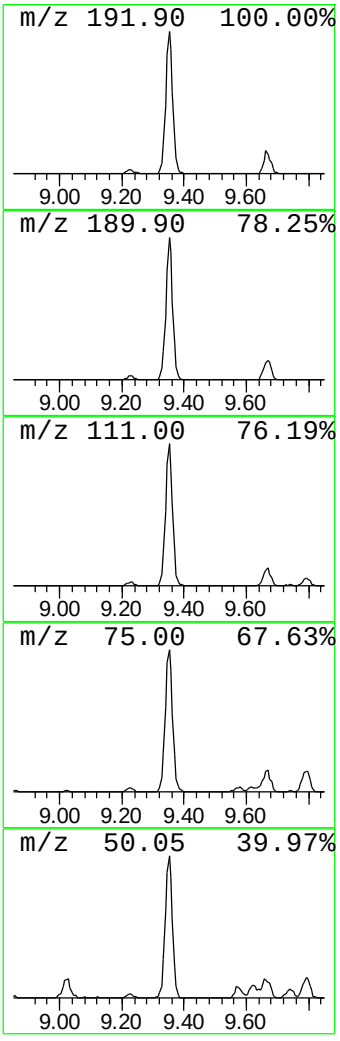
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	18.04 ng/ul	1365940	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009366.D
Acq On : 24 Mar 2017 05:34
Operator : SJ/MA
Sample : I2358-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH1

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

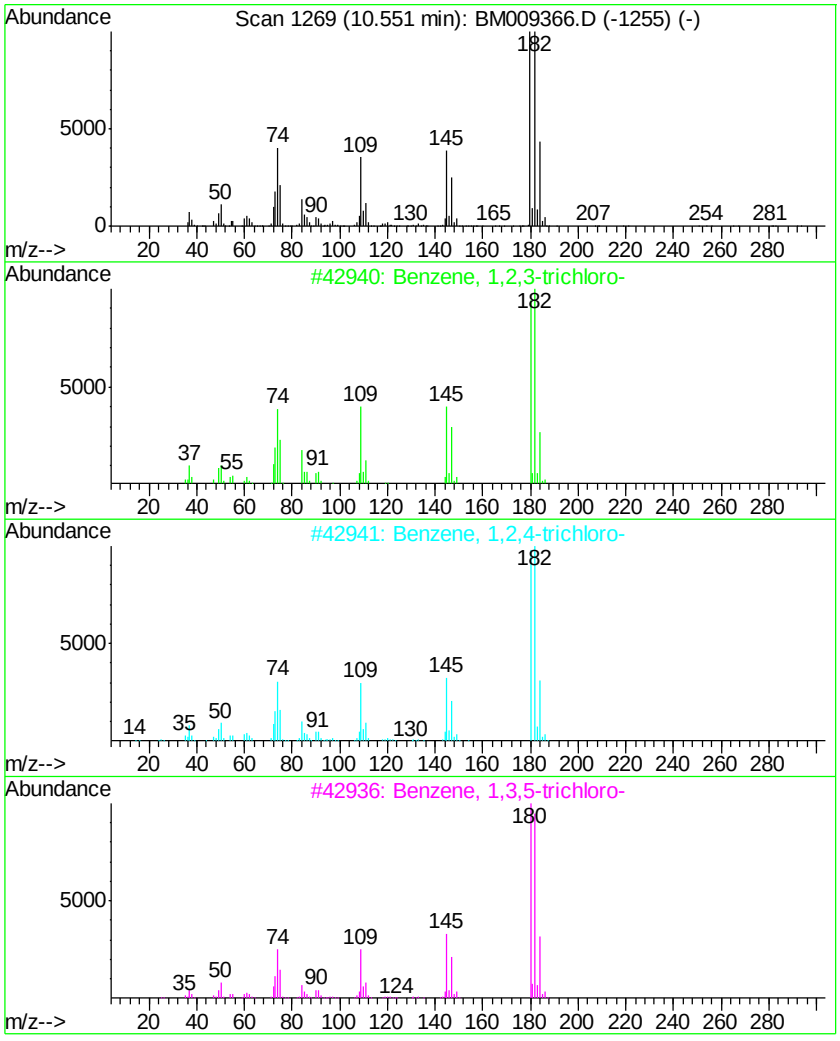
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

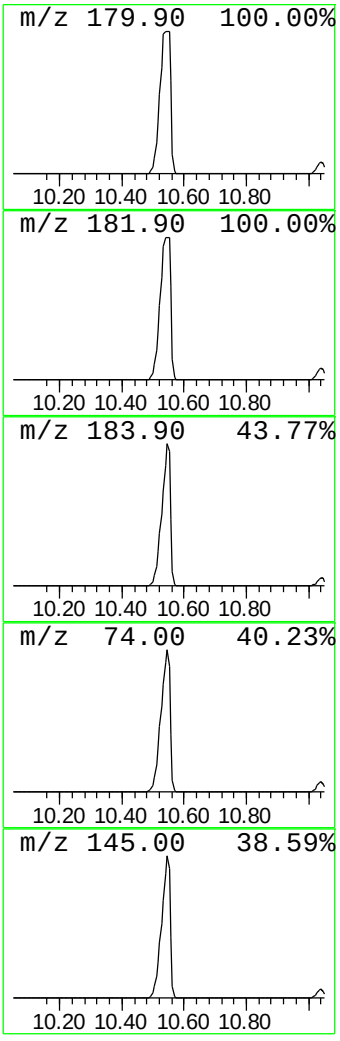
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	1619.90 ng/ul	122641000	Naphthalene-d8	10.66

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009366.D
Acq On : 24 Mar 2017 05:34
Operator : SJ/MA
Sample : I2358-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	5.19	12.4	ng/ul	30544100	1	7.86	49464700	20.0
Benzene, 1,3-dich...	7.75	8.2	ng/ul	20176500	1	7.86	49464700	20.0
Benzene, 1-bromo-...	9.35	18.0	ng/ul	1365940	2	10.66	1514180	20.0
Benzene, 1,2,3-tr...	10.55	1619.9	ng/ul	122641000	2	10.66	1514180	20.0