LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	4.957	320	335	339	rBV2	28498844	91720906	58.39%	18.697%
2	6.922	663	669	683	rBV	124479	247385	0.16%	0.050%
3	7.098	693	699	710	rVB	180199	320407	0.20%	0.065%
4	7.457	750	760	772	rBV	6403558	13815267	8.79%	2.816%
5	7.657	772	794	798	rBV2	28977192	118209965	75.25%	24.097%
6	8.004	829	853	857	rBV3	29508761	157088537	100.00%	32.022%
7	8.281	894	900	912	rVB	153003	252969	0.16%	0.052%
8	8.728	969	976	979	rBV	252700	417704	0.27%	0.085%
9	8.775	979	984	995	rVB	979933	1574095	1.00%	0.321%
10	9.039	1023	1029	1035	rVB	120966	179992	0.11%	0.037%
11	9.439	1090	1097	1107	rBV	232052	417227	0.27%	0.085%
12	9.975	1182	1188	1201	rBV	308267	524404	0.33%	0.107%
13	10.239	1217	1233	1237	rBV	26734483	70135295	44.65%	14.297%
14	10.345	1244	1251	1256	rVB	309740	456946	0.29%	0.093%
15	10.727	1305	1316	1322	rBV	11145883	17702519	11.27%	3.609%
16	10.957	1347	1355	1370	rVB	791006	1271187	0.81%	0.259%
17	11.169	1384	1391	1403	rBV	156613	318049	0.20%	0.065%
18	12.369	1590	1595	1607	rVB	602338	945586	0.60%	0.193%
19	12.992	1694	1701	1707	rBV	2513921	3637698	2.32%	0.742%
20	13.633	1804	1810	1815	rBV	612390	852524	0.54%	0.174%
21	13.680	1815	1818	1829	rVB	105291	171493	0.11%	0.035%
22	13.904	1849	1856	1866	rBV	657662	974454	0.62%	0.199%
23	14.210	1902	1908	1917	rVB2	431558	616662	0.39%	0.126%
24	15.210	2072	2078	2092	rVB	860924	1207680	0.77%	0.246%
25	15.380	2102	2107	2117	rBV	259604	390293	0.25%	0.080%
26	16.968	2371	2377	2383	rBV2	563836	774073	0.49%	0.158%
27	17.074	2388	2395	2404	rBV	980780	1373875	0.87%	0.280%
28	18.350	2607	2612	2617	rVB	390680	490786	0.31%	0.100%
29	19.380	2781	2787	2795	rBV	1298873	1629011	1.04%	0.332%
30	21.180	3088	3093	3099	rBV	630819	781635	0.50%	0.159%
31	23.233	3434	3442	3452	rVB	732696	1363170	0.87%	0.278%
32	23.374	3460	3466	3476	rVB2	379720	696737	0.44%	0.142%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 490558531

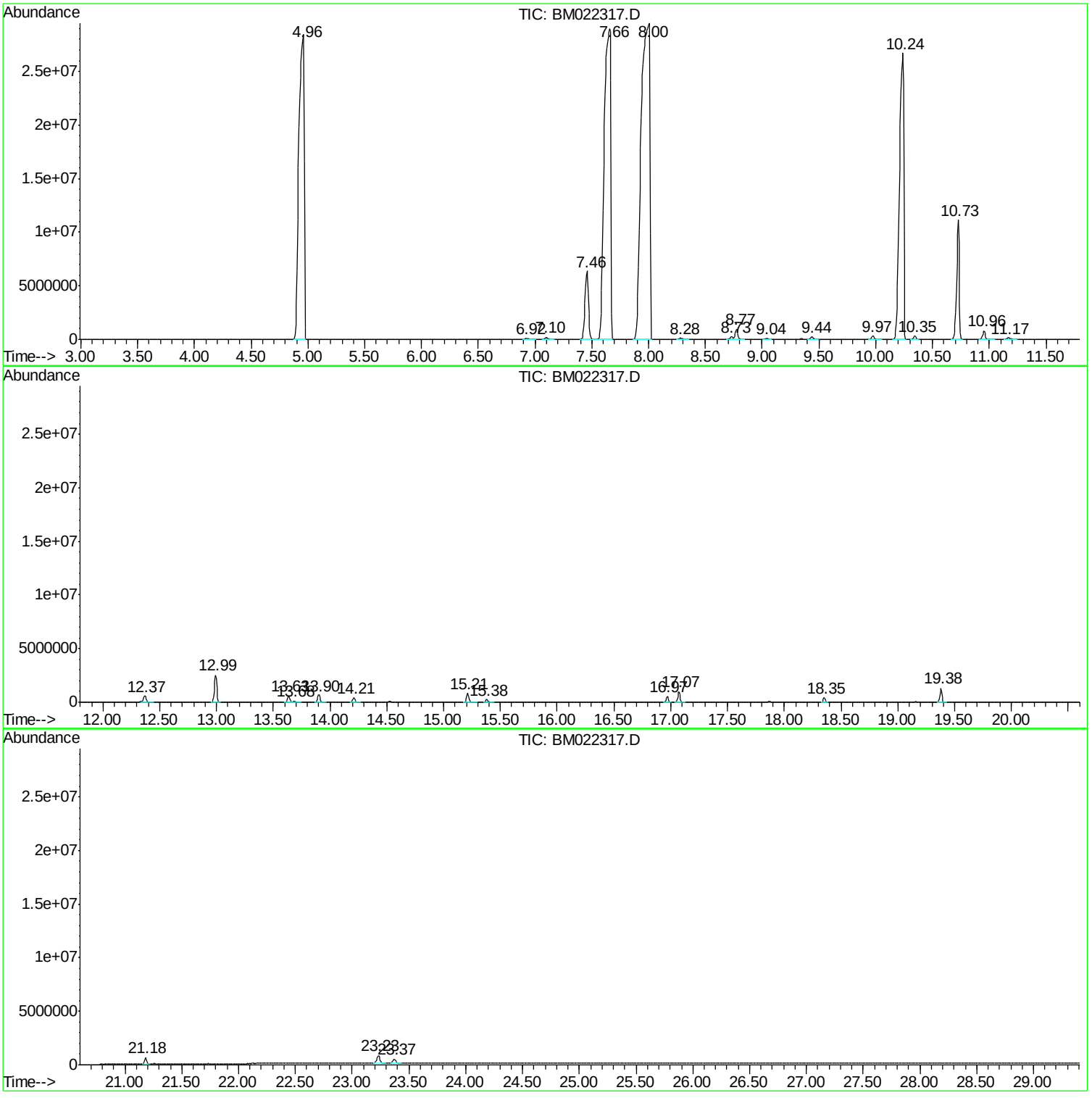
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

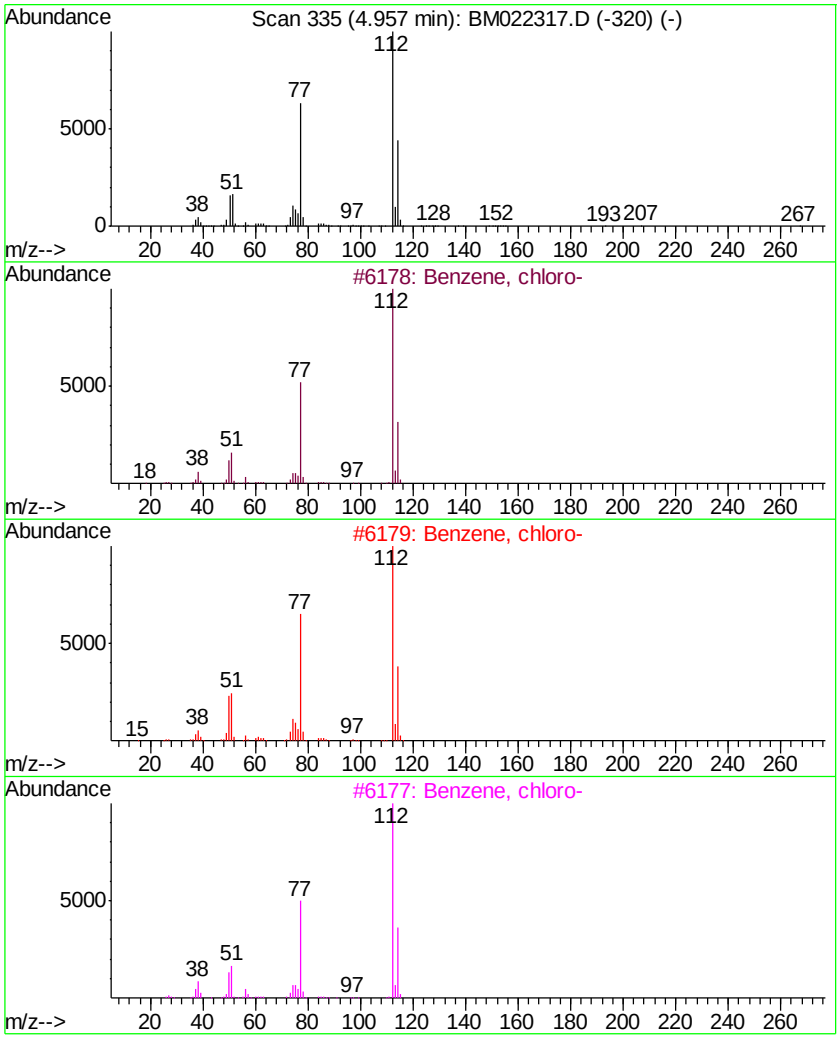
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

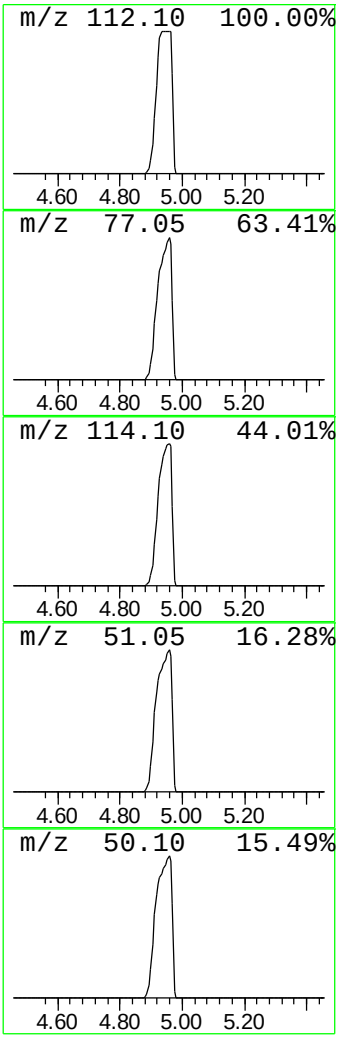
****

Peak Number 1 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	15.52 ng/ul	91720900	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

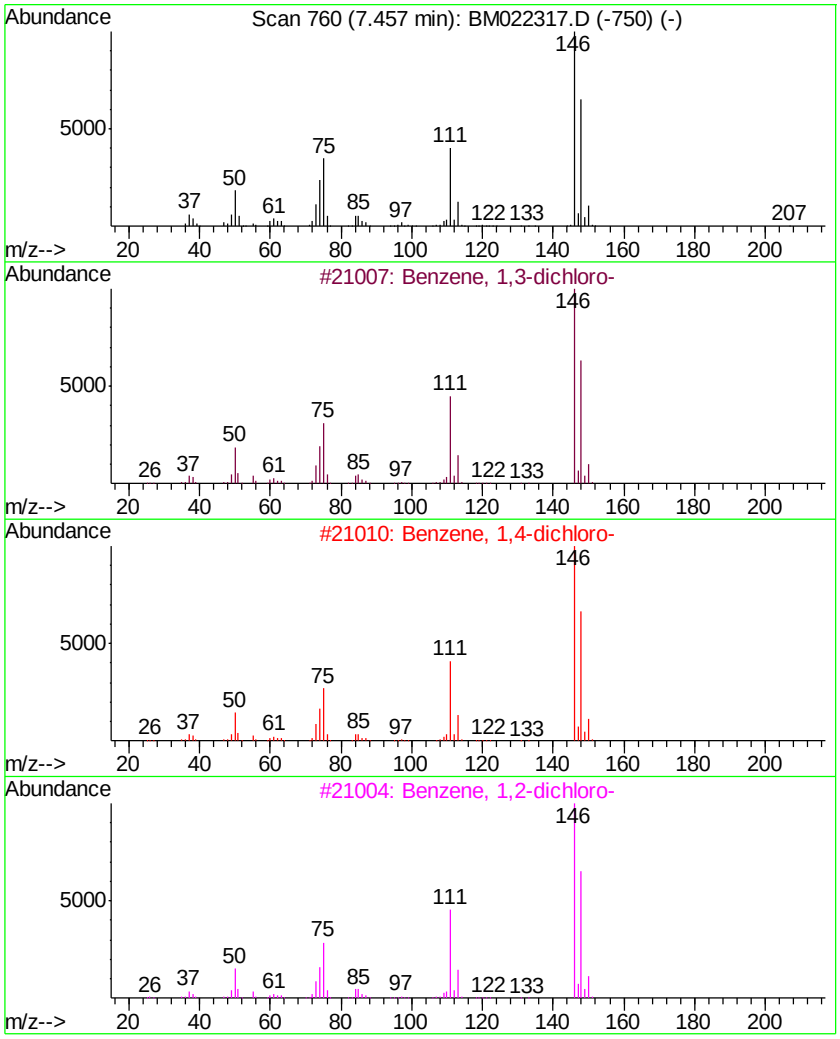
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

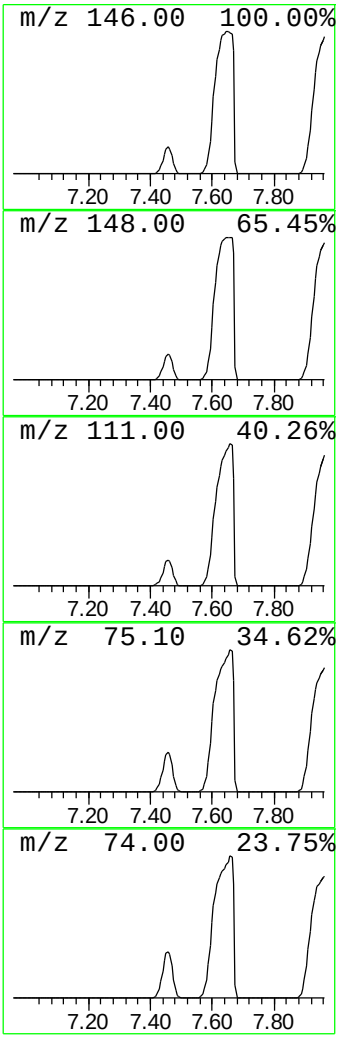
****

Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	2.34 ng/ul	13815300	1,4-Dichlorobenzene-d4	7.60

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

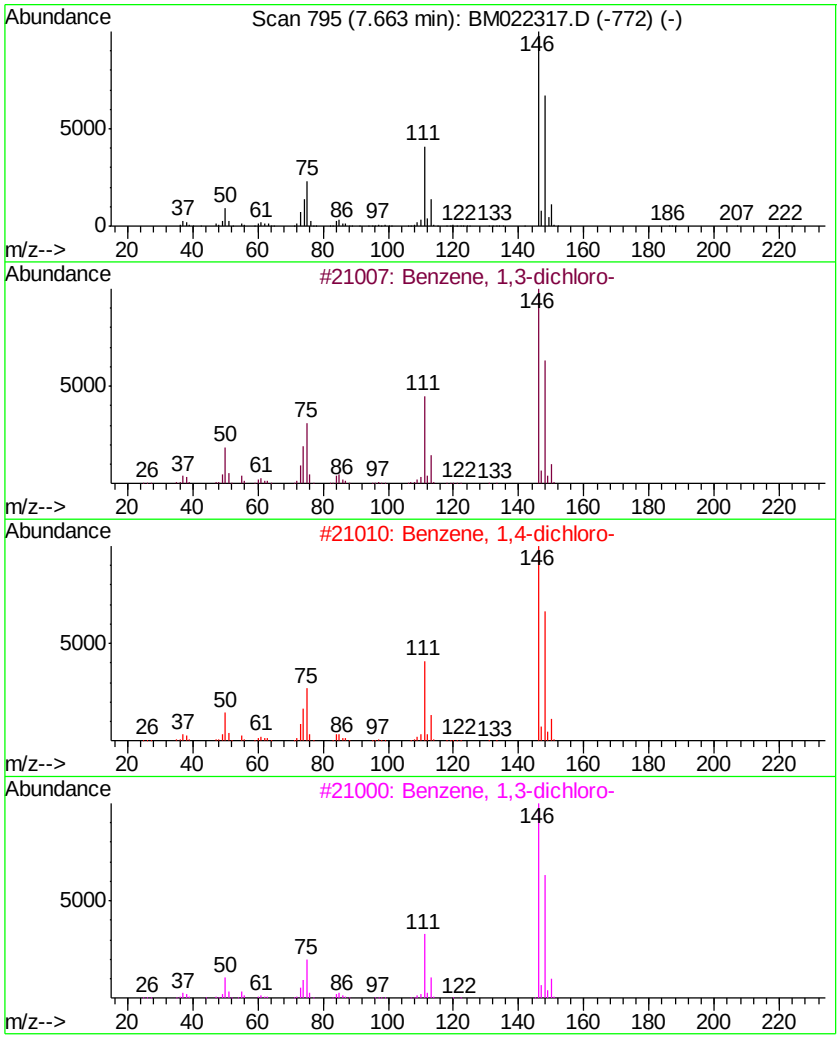
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

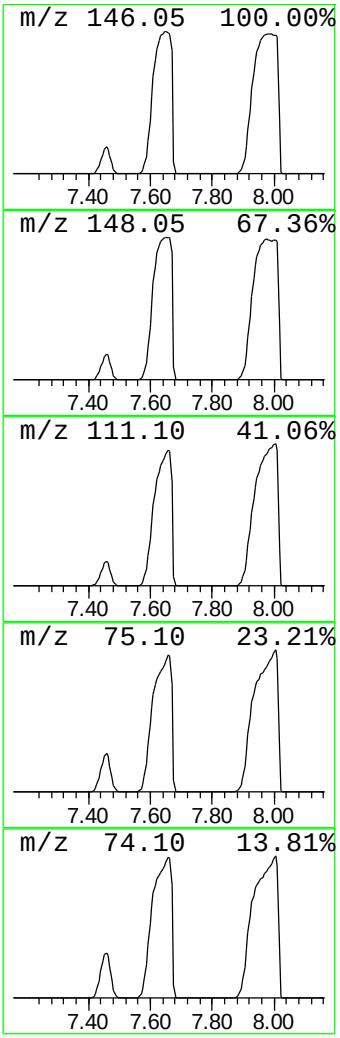
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	20.00 ng/ul	118210000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

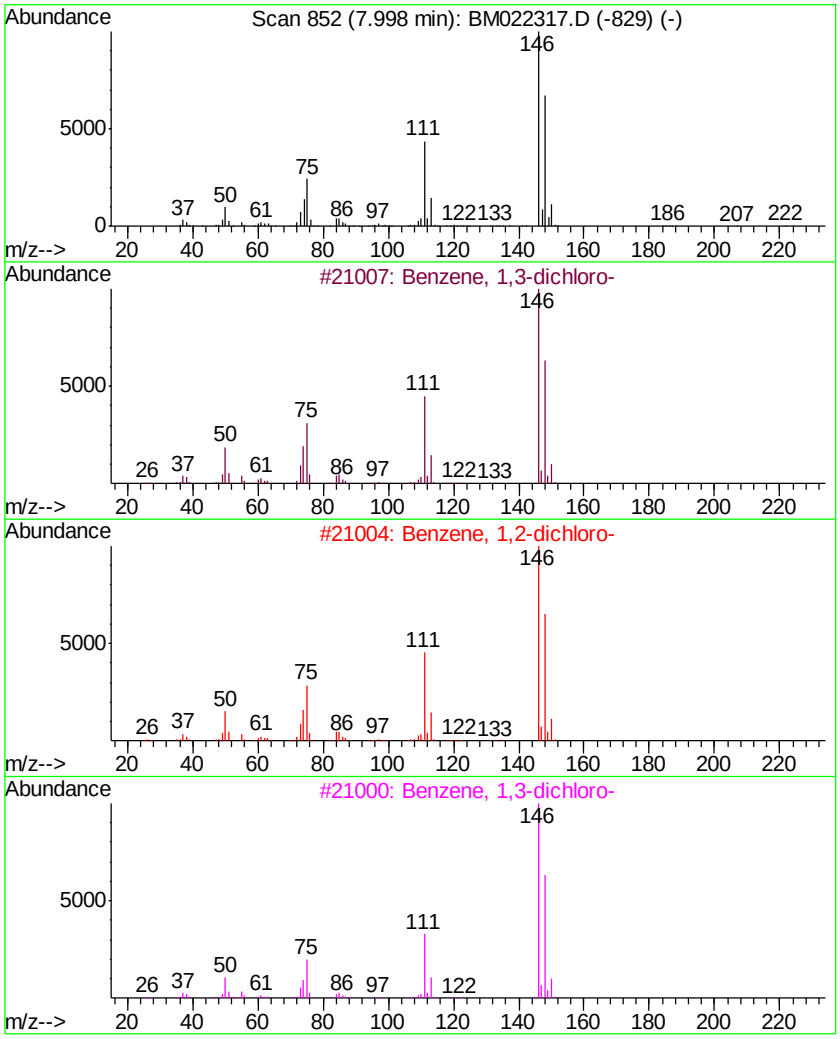
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

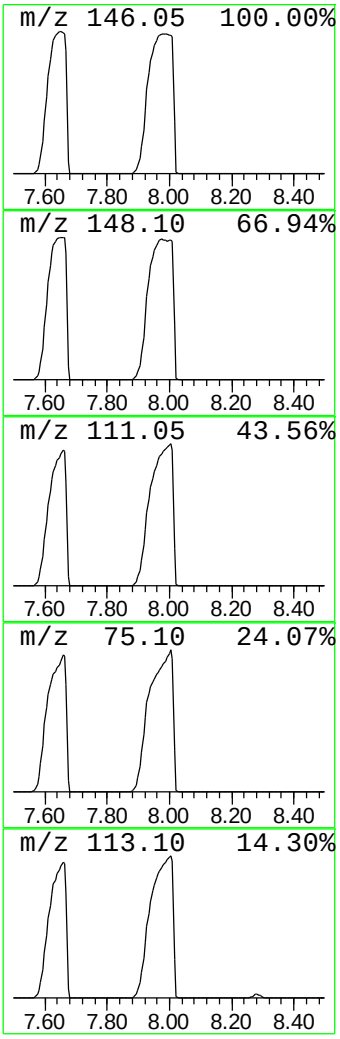
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	26.58 ng/ul	157089000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

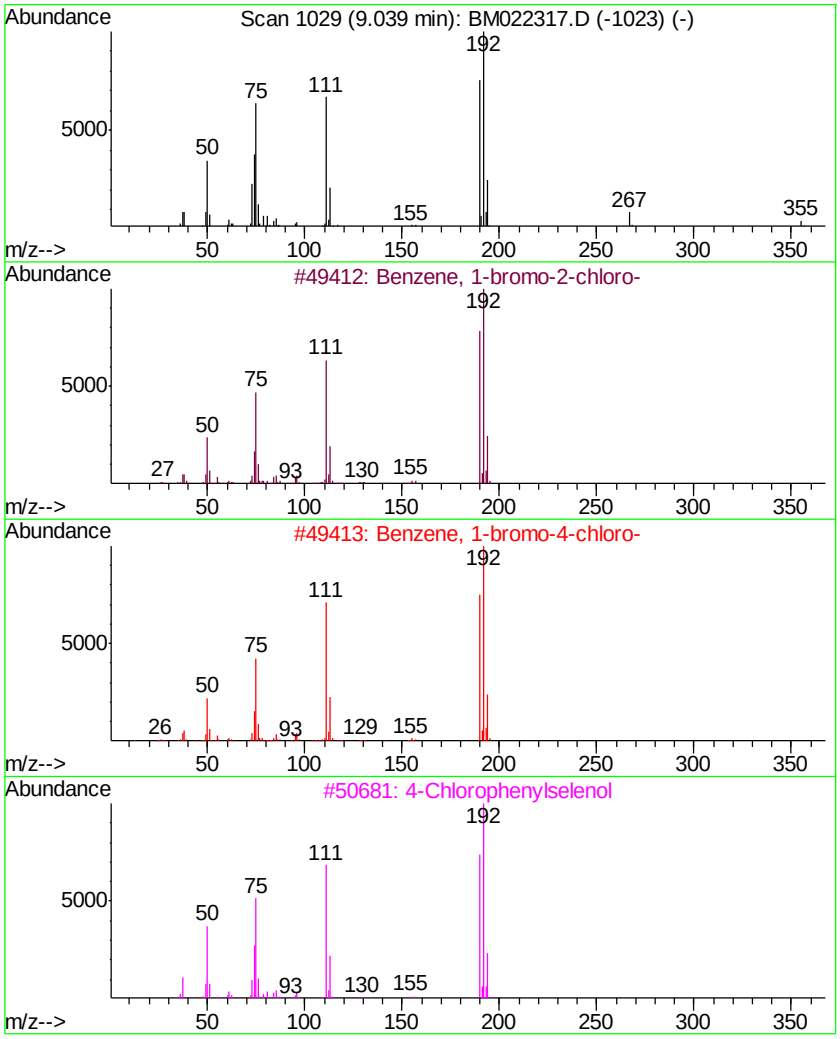
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

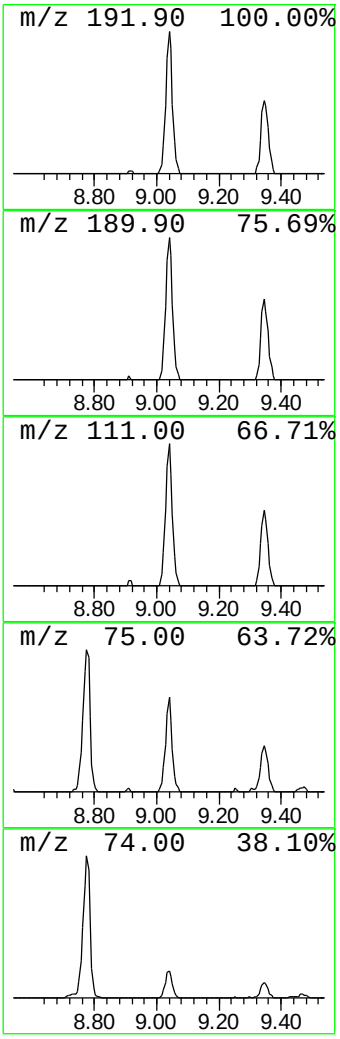
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	7.88 ng/ul	179992	Naphthalene-d8	10.35

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	95
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

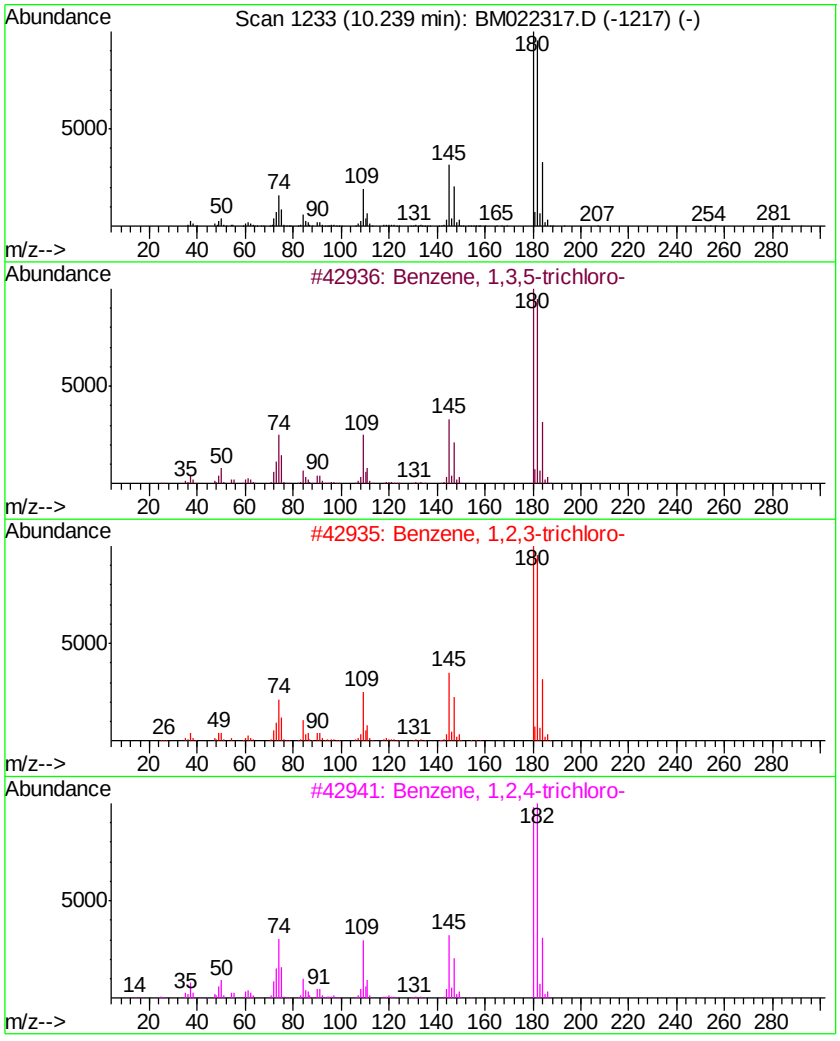
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

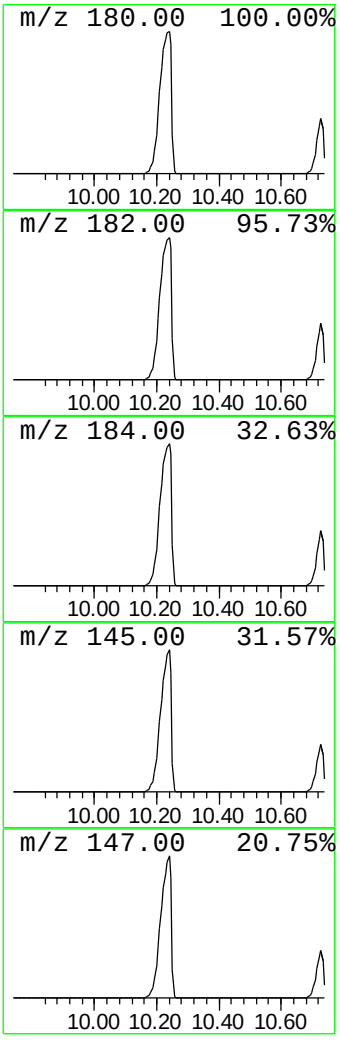
****

Peak Number 6 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3069.74 ng/ul	70135300	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

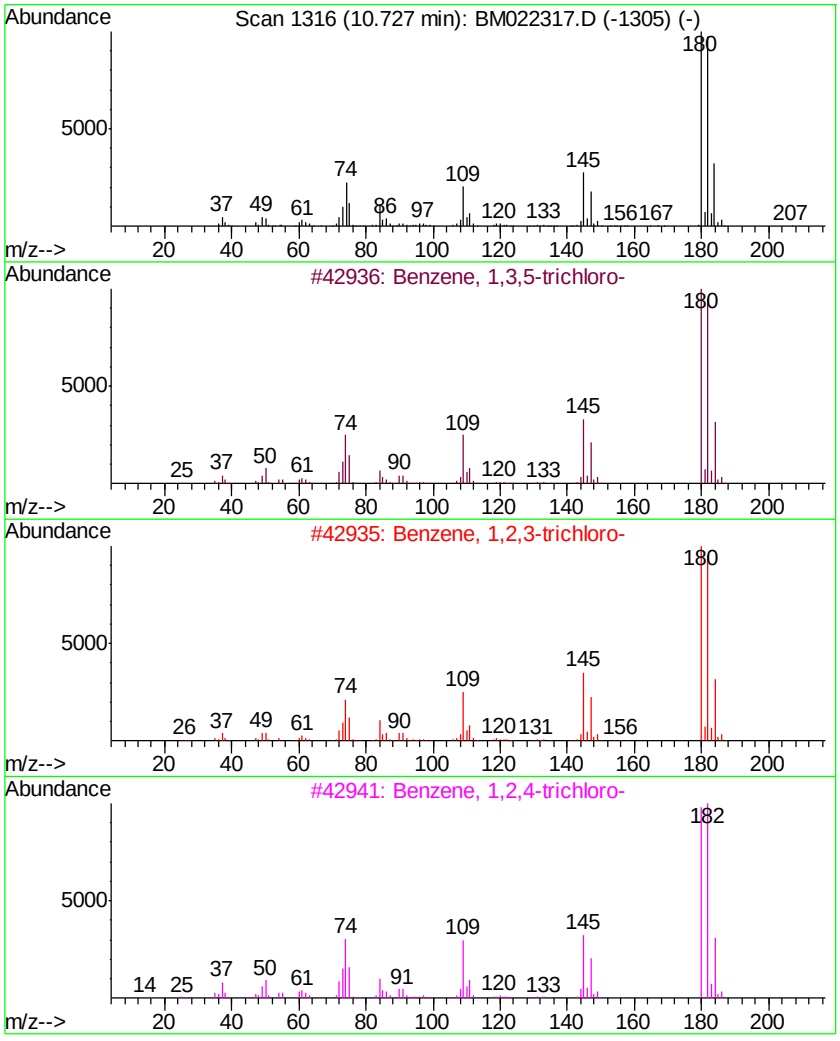
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

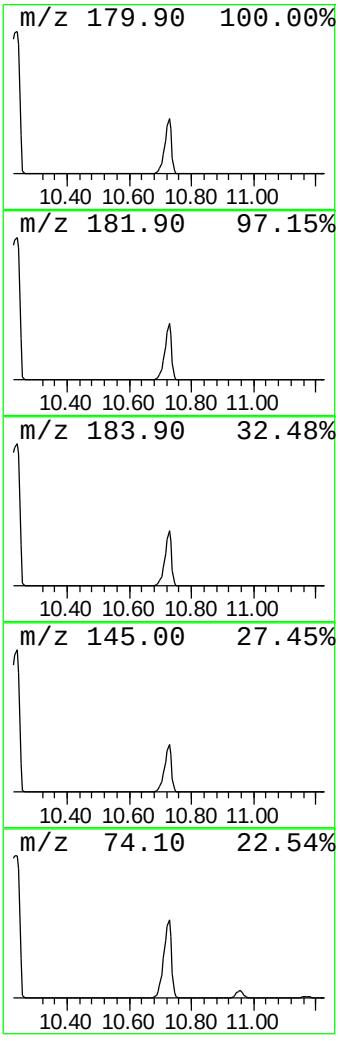
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	774.82 ng/ul	17702500	Naphthalene-d8	10.35

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, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

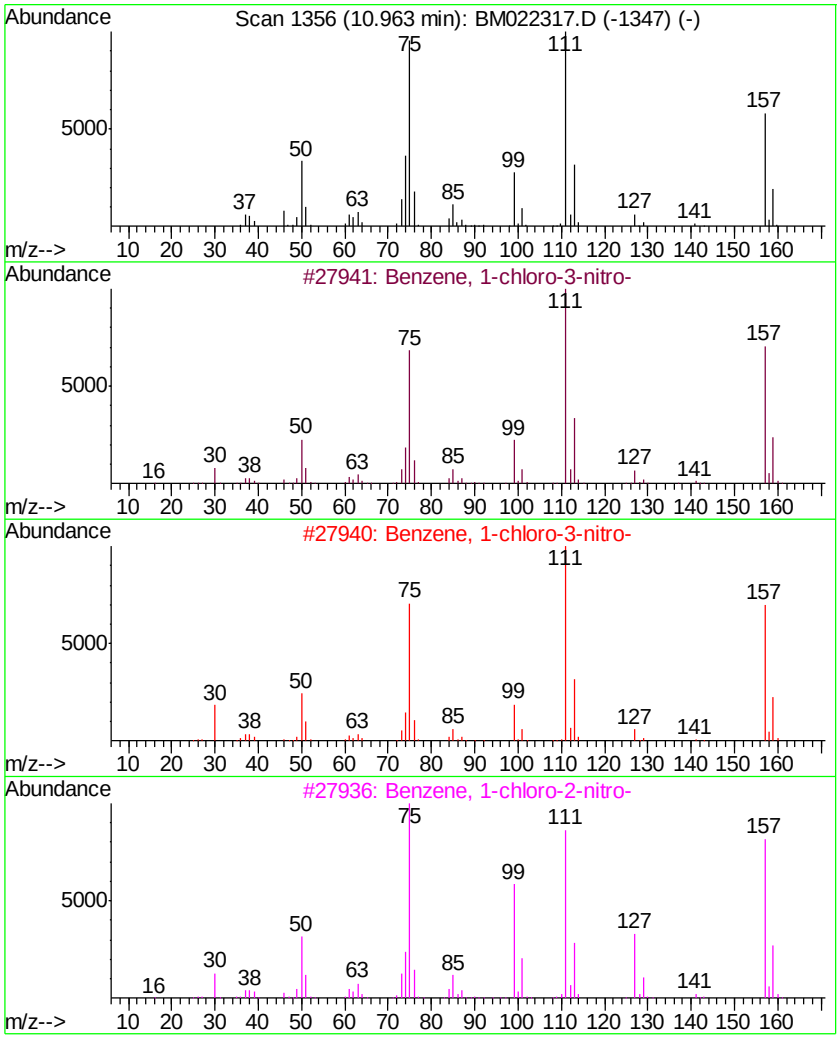
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

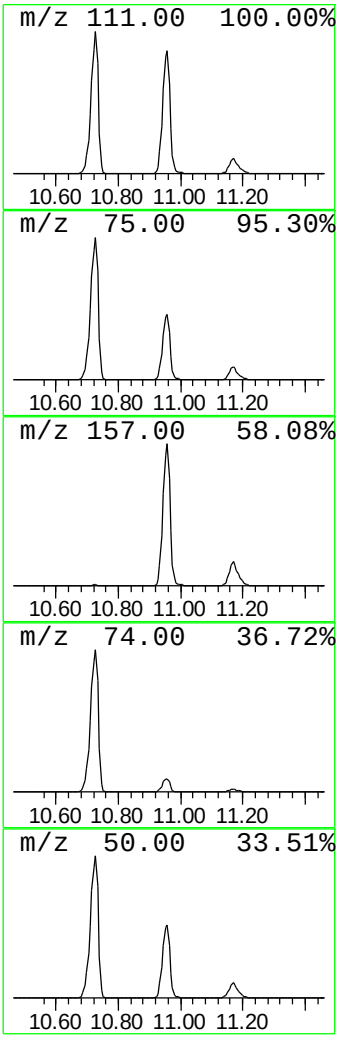
****

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	55.64 ng/ul	1271190	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

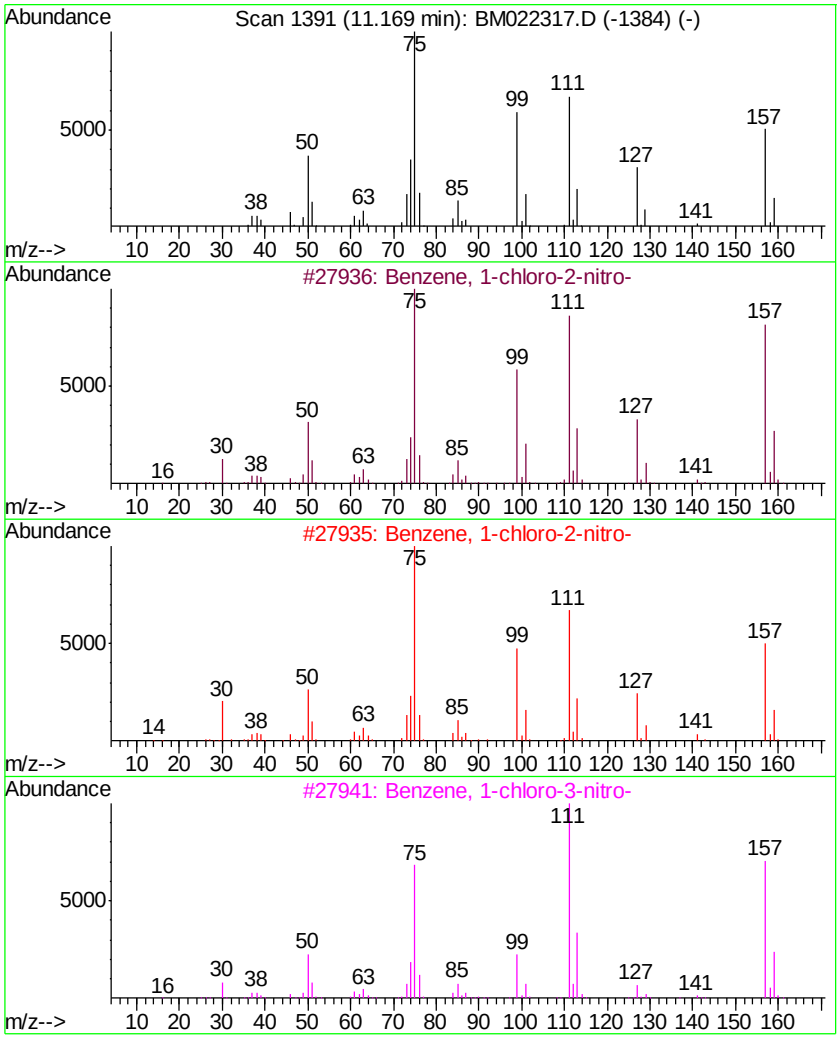
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

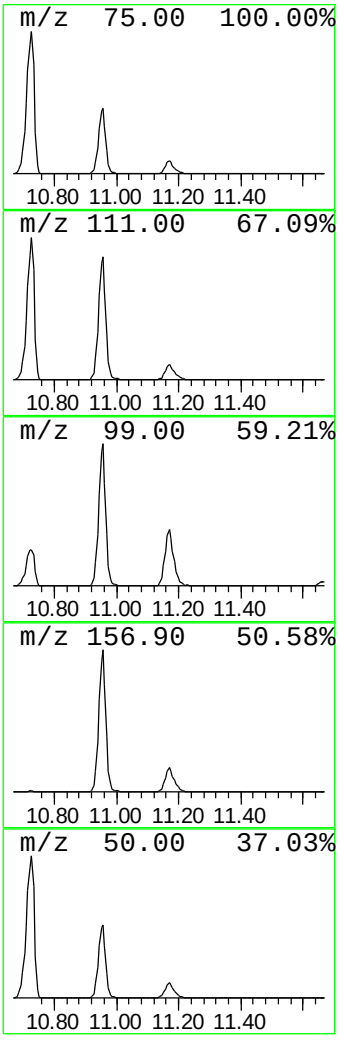
****

Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	13.92 ng/ul	318049	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	89
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	83
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

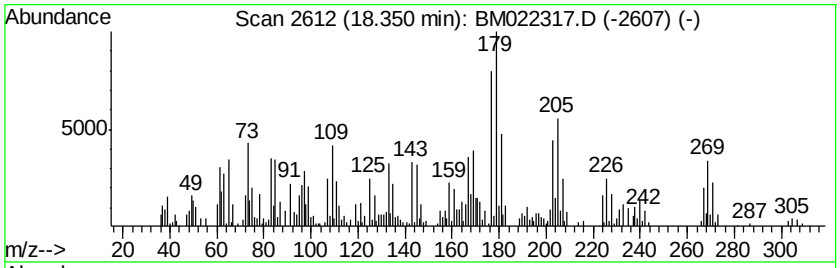
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

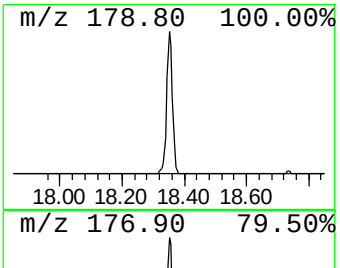
****

Peak Number 10 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	12.68 ng/ul	490786	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromohexanoic acid, 1-(cyclope...	290	C13H23BrO2	1000293-29-6	22
2	Cloxyquin	179	C9H6ClNO	000130-16-5	22
3	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	18
4	Cloxyquin	179	C9H6ClNO	000130-16-5	18
5	5-Chloro-4-methyl-8-quinolinecar...	205	C11H8ClNO	028662-47-7	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022317.D
Acq On : 25 Aug 2019 06:38
Operator : HP/JU
Sample : K4369-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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-	4.96	15.5	ng/ul	91720900	1	7.60	118210000	20.0
Benzene, 1,3-dich...	7.46	2.3	ng/ul	13815300	1	7.60	118210000	20.0
Benzene, 1,4-dich...	7.66	20.0	ng/ul	118210000	1	7.60	118210000	20.0
Benzene, 1,2-dich...	8.00	26.6	ng/ul	157089000	1	7.60	118210000	20.0
Benzene, 1-bromo-...	9.04	7.9	ng/ul	179992	2	10.35	456946	20.0
Benzene, 1,3,5-tr...	10.24	3069.7	ng/ul	70135300	2	10.35	456946	20.0
Benzene, 1,2,3-tr...	10.73	774.8	ng/ul	17702500	2	10.35	456946	20.0
Benzene, 1-chloro...	10.96	55.6	ng/ul	1271190	2	10.35	456946	20.0
Benzene, 1-chloro...	11.17	13.9	ng/ul	318049	2	10.35	456946	20.0
unknown-01	18.35	12.7	ng/ul	490786	4	16.97	774073	20.0