LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

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-BM032219MA.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	4.975	327	338	342	rBV3	45239943	99177669	100.00%	33.900%
2	7.493	758	766	780	rBV	5028015	7781077	7.85%	2.660%
3	7.657	780	794	800	rBV	35636854	68185170	68.75%	23.307%
4	7.975	836	848	854	rBV2	36396976	75655820	76.28%	25.860%
5	8.816	986	991	1008	rVB	578198	1060053	1.07%	0.362%
6	9.092	1033	1038	1046	rBV	70238	118174	0.12%	0.040%
7	10.257	1227	1236	1252	rBV	14343108	22831444	23.02%	7.804%
8	10.387	1252	1258	1266	rVB	650200	1052430	1.06%	0.360%
9	10.769	1315	1323	1340	rVB	3678326	5973859	6.02%	2.042%
10	11.010	1357	1364	1379	rBV	319585	626982	0.63%	0.214%
11	11.234	1395	1402	1418	rBV2	42481	122769	0.12%	0.042%
12	12.433	1595	1606	1617	rBV	130057	258814	0.26%	0.088%
13	13.051	1704	1711	1725	rBV	482685	806266	0.81%	0.276%
14	13.686	1814	1819	1829	rBV	100391	166952	0.17%	0.057%
15	13.957	1860	1865	1876	rBV	137177	201940	0.20%	0.069%
16	14.263	1910	1917	1929	rBV2	913036	1395655	1.41%	0.477%
17	15.269	2082	2088	2099	rBV	162173	269144	0.27%	0.092%
18	17.021	2380	2386	2398	rBV	1115409	1587601	1.60%	0.543%
19	17.121	2398	2403	2416	rVB2	169754	275391	0.28%	0.094%
20	18.398	2615	2620	2626	rBV	372770	474709	0.48%	0.162%
21	19.427	2790	2795	2805	rBV	221059	326141	0.33%	0.111%
22	21.227	3096	3101	3114	rBV	1363860	1861409	1.88%	0.636%
23	23.297	3449	3453	3463	rVB	242318	440824	0.44%	0.151%
24	23.439	3471	3477	3487	rBV	1006248	1905861	1.92%	0.651%

Sum of corrected areas: 292556154

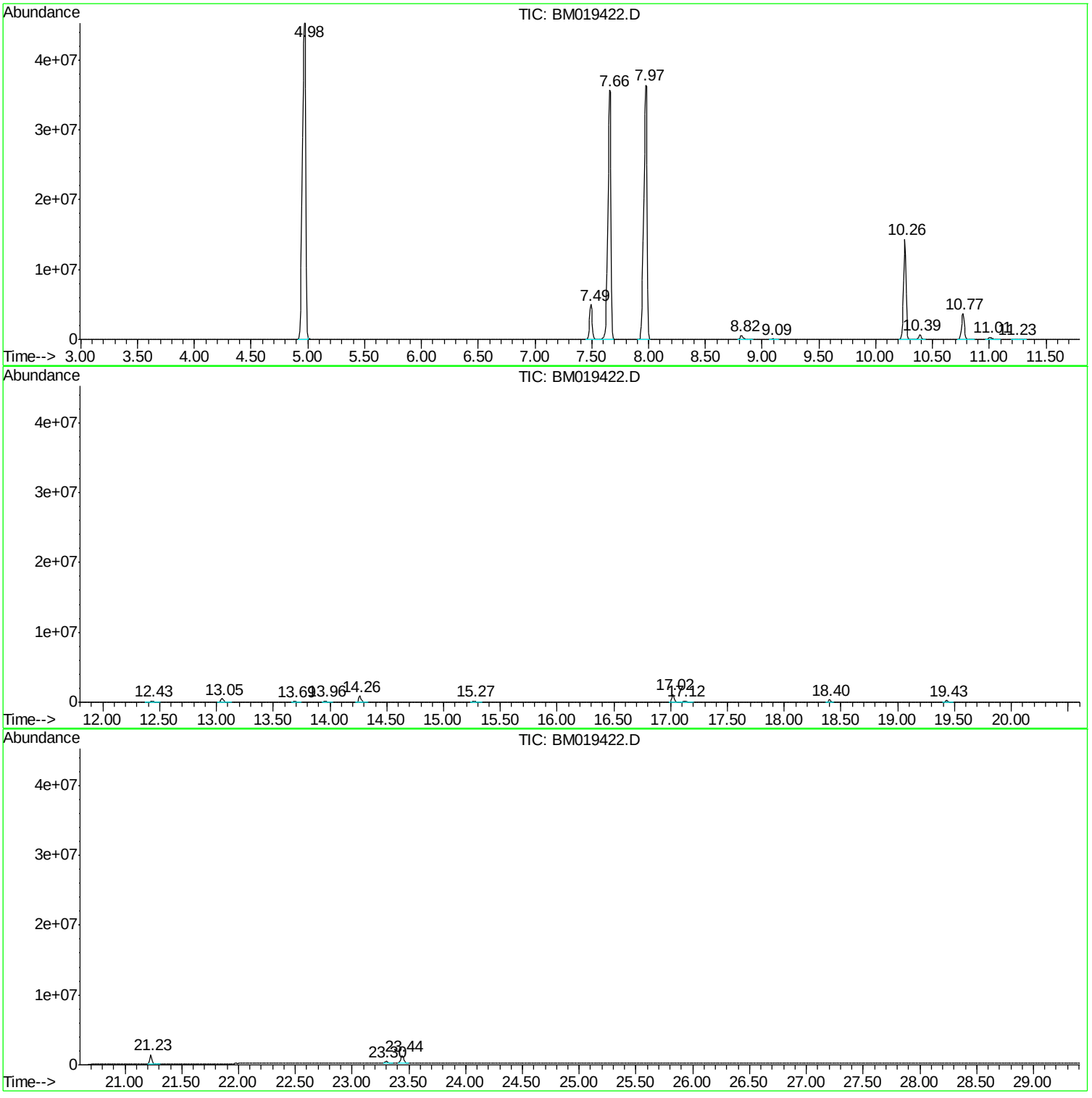
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

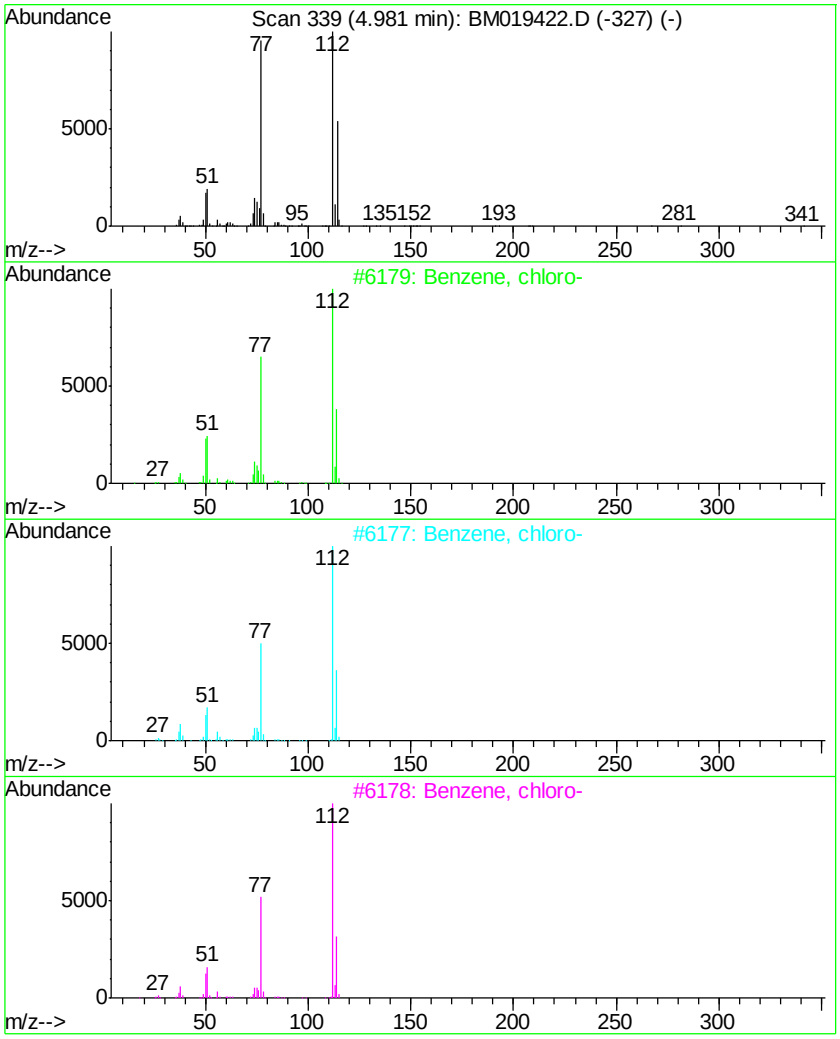
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

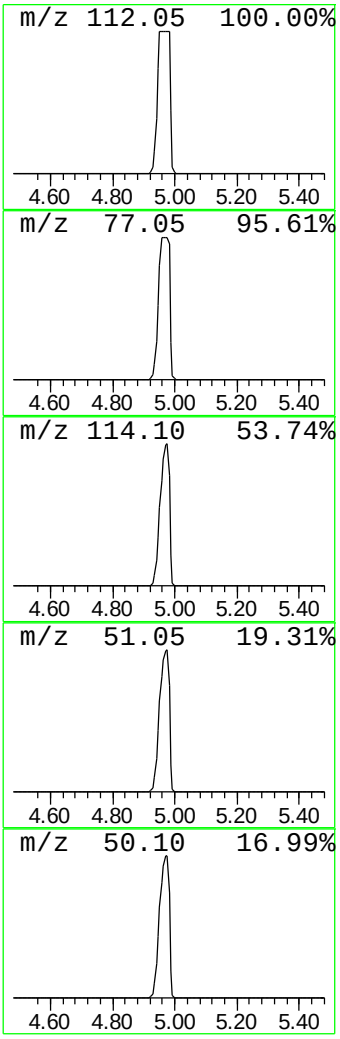
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	29.09 ng/ul	99177700	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	87
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	86
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
5	Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

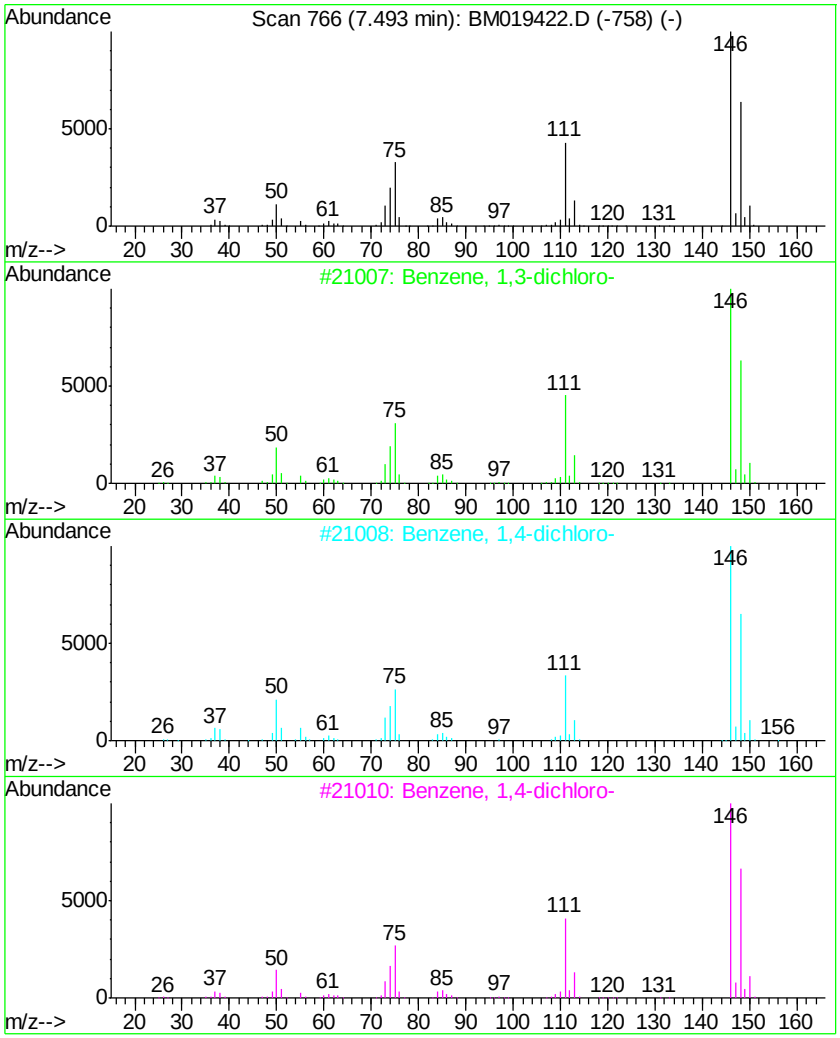
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

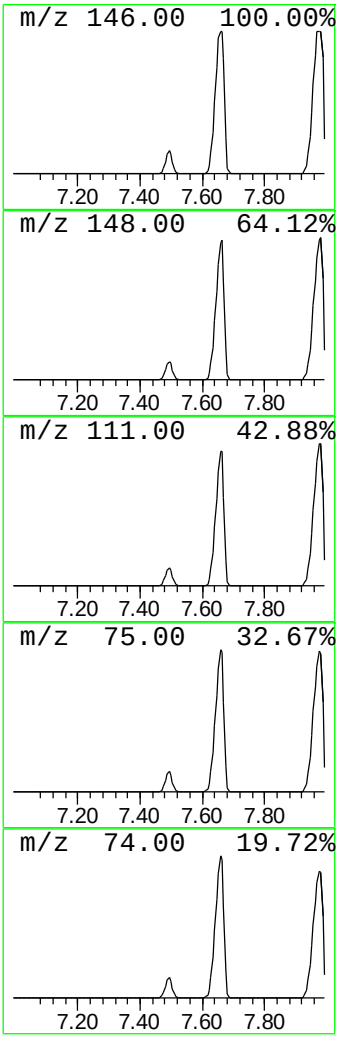
****

Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	2.28 ng/ul	7781080	1,4-Dichlorobenzene-d4	7.61

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, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

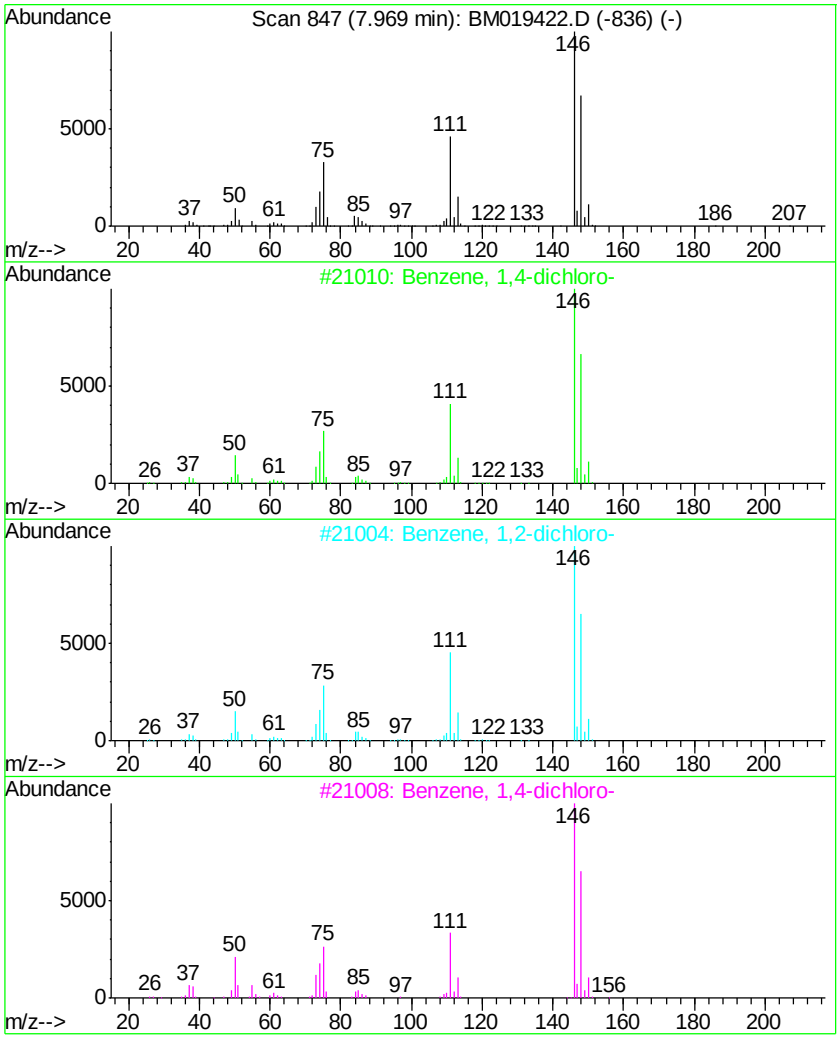
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

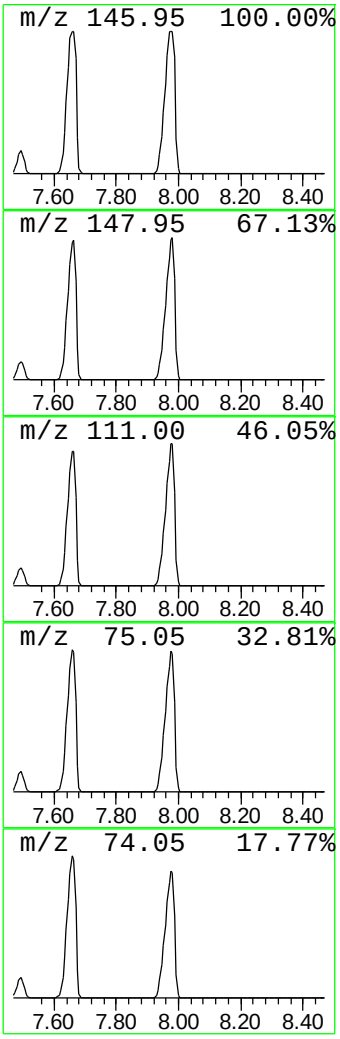
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	22.19 ng/ul	75655800	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

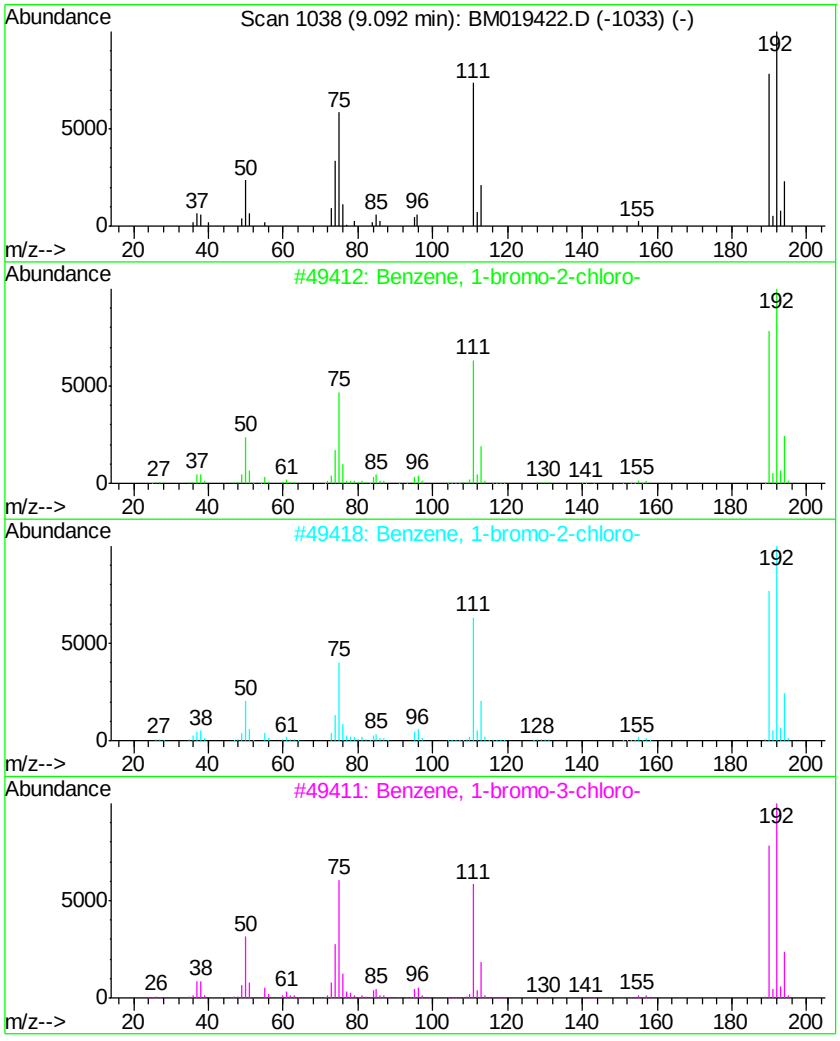
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

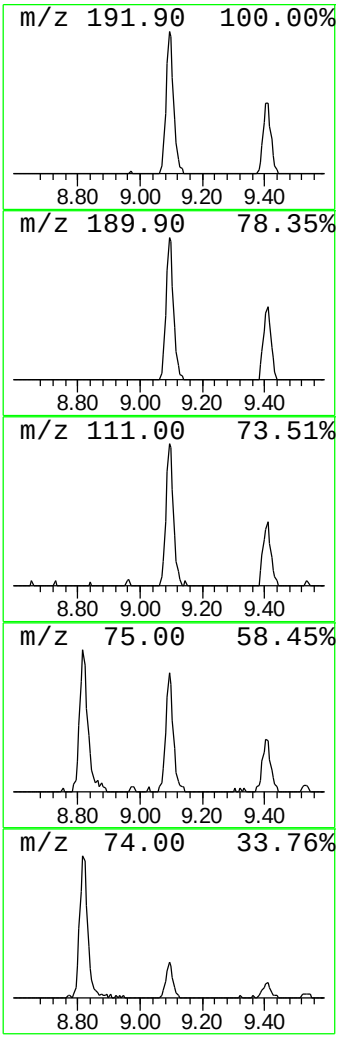
****

Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.25 ng/ul	118174	Naphthalene-d8	10.39

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-2-chloro-	190	C6H4BrCl	000694-80-4	97
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-4-chloro-	190	C6H4BrCl	000106-39-8	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

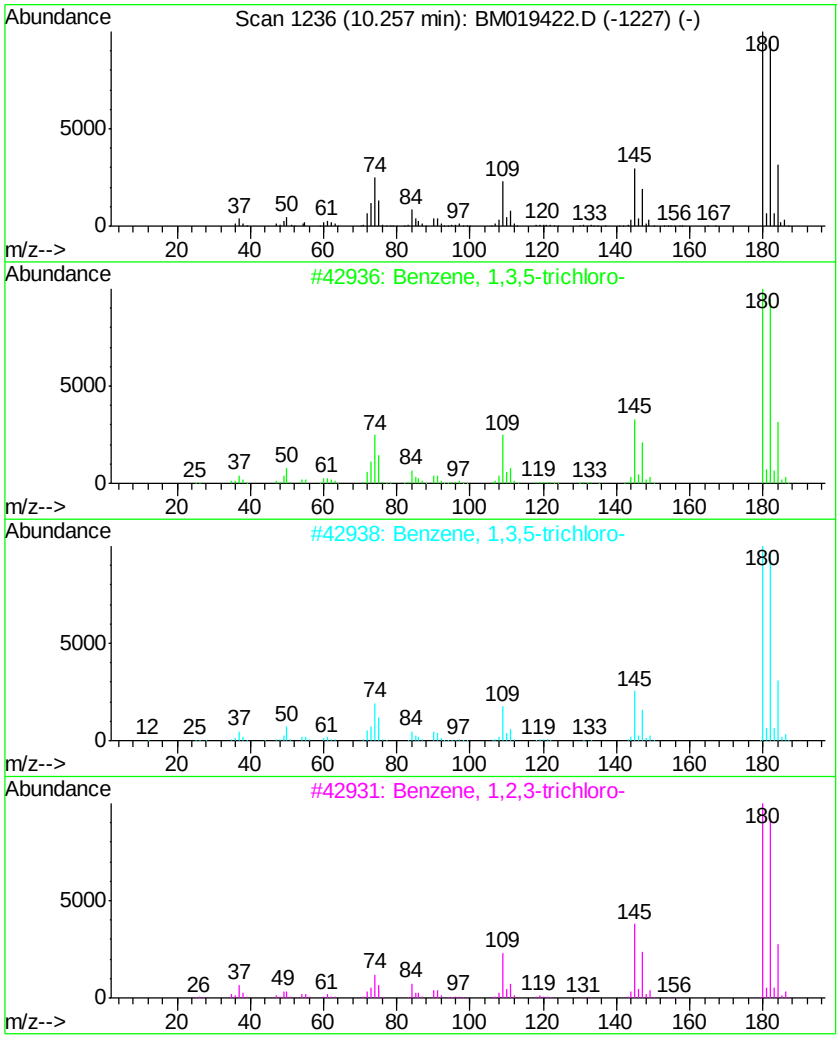
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

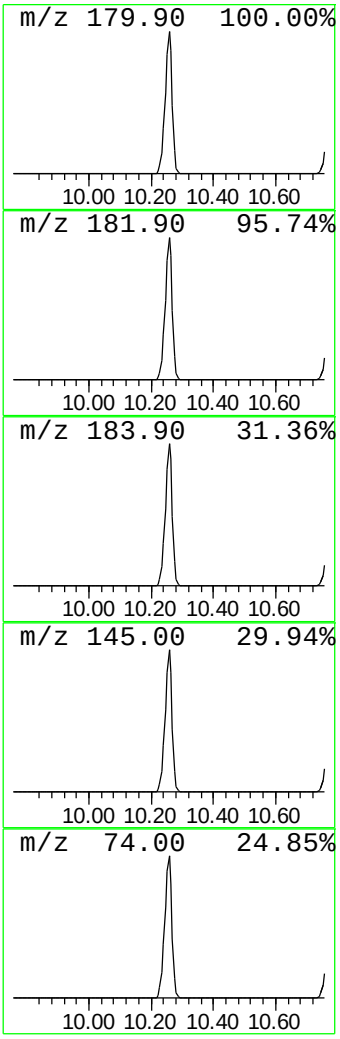
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	433.88 ng/ul	22831400	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

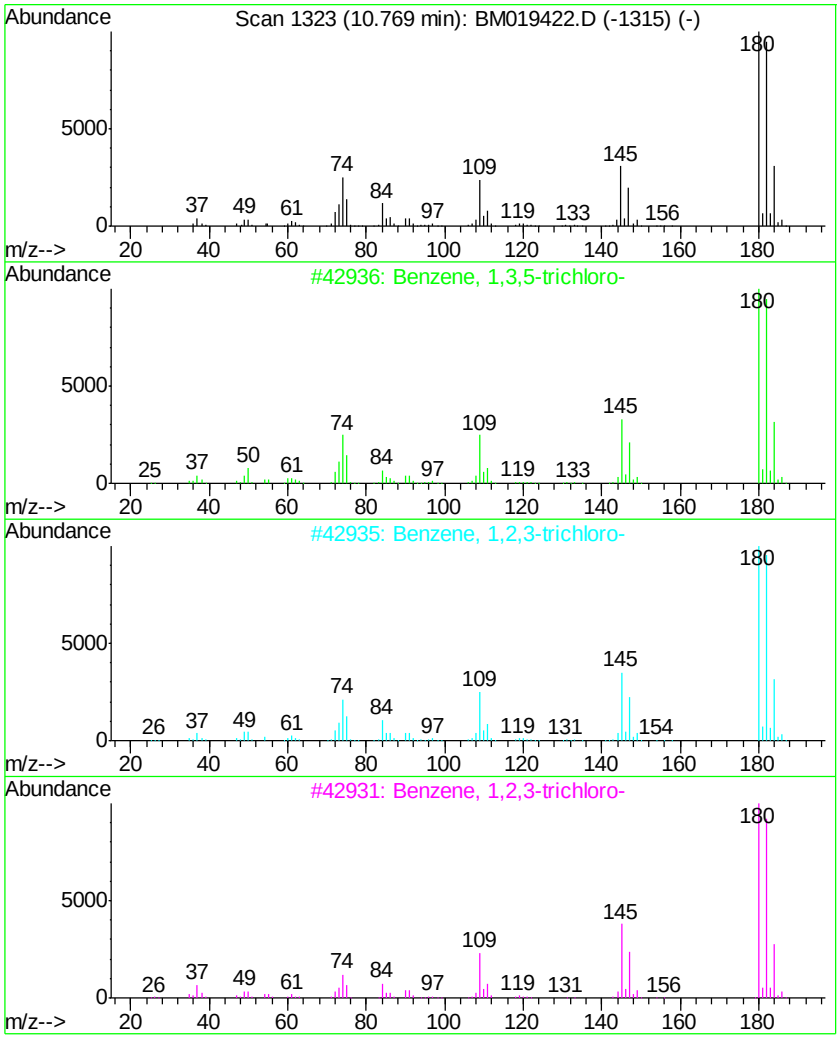
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

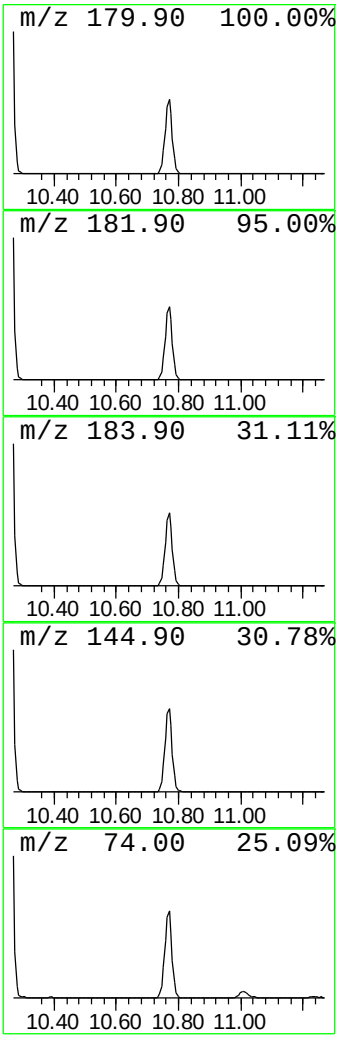
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	113.53 ng/ul	5973860	Naphthalene-d8	10.39

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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

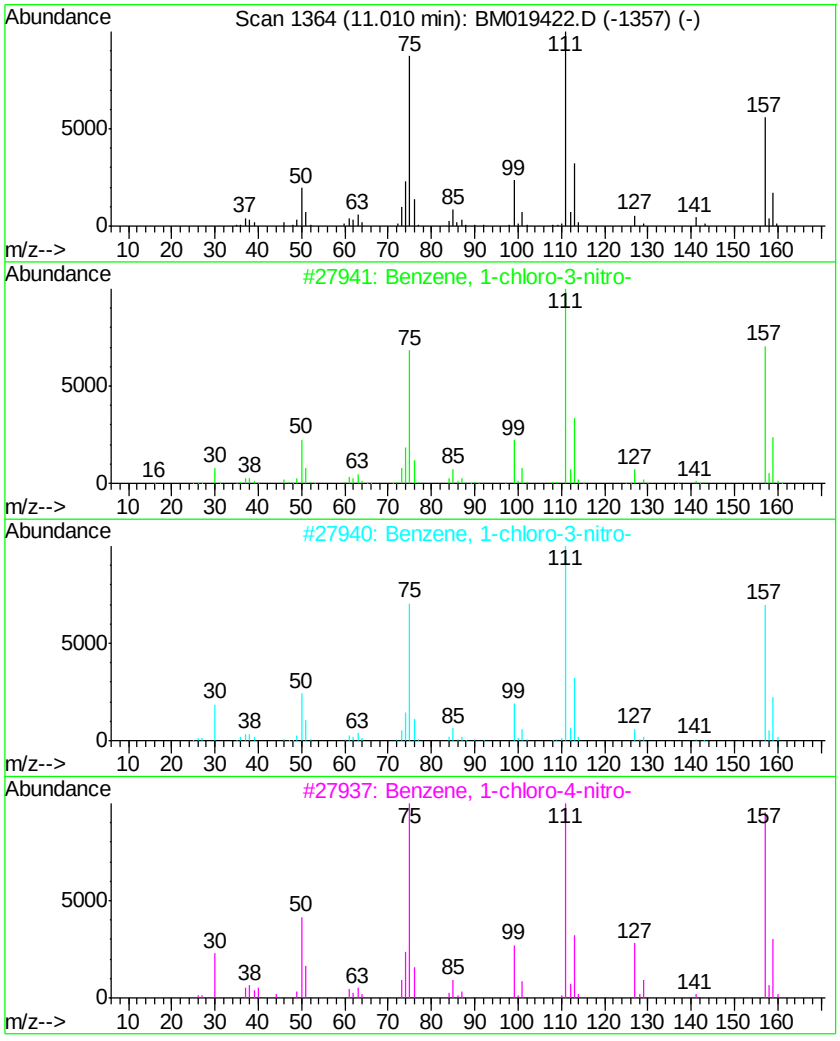
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

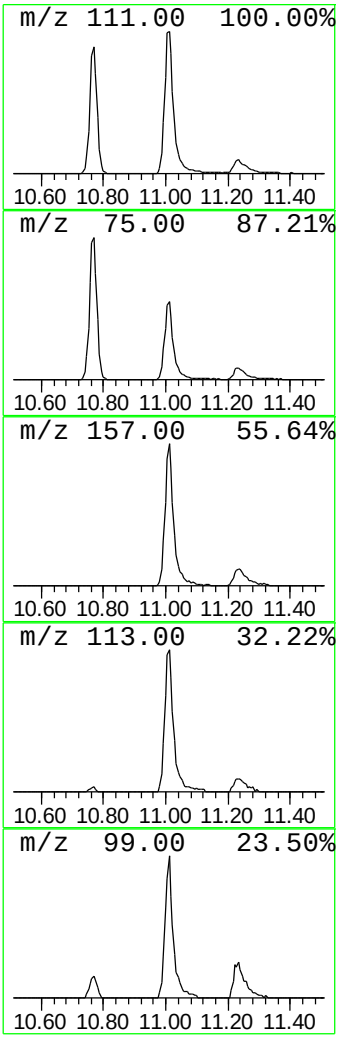
****

Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	11.91 ng/ul	626982	Naphthalene-d8	10.39

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-3-nitro-	157	C6H4ClNO2	000121-73-3	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

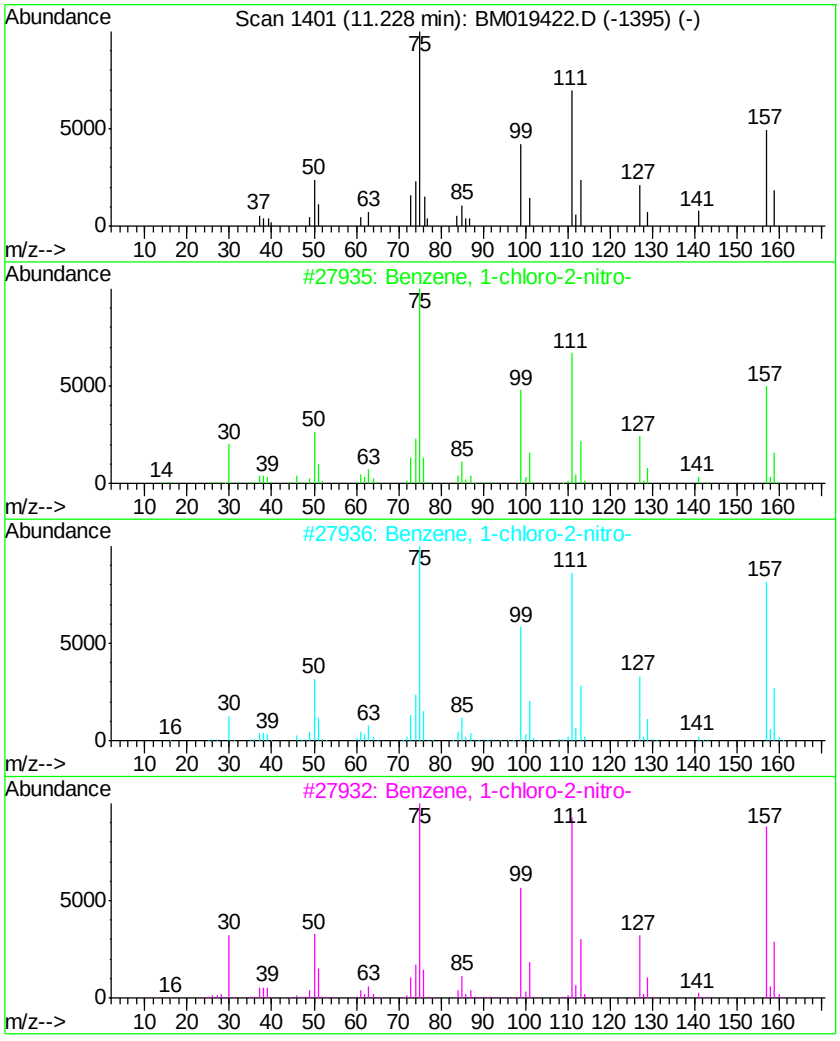
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

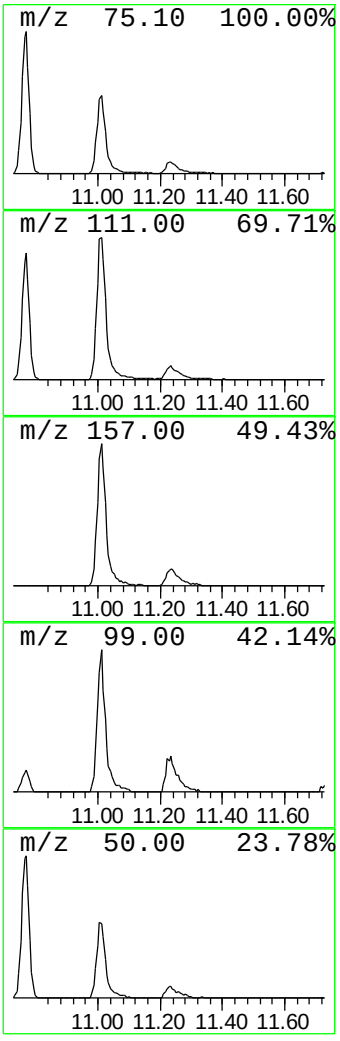
****

Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.33 ng/ul	122769	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

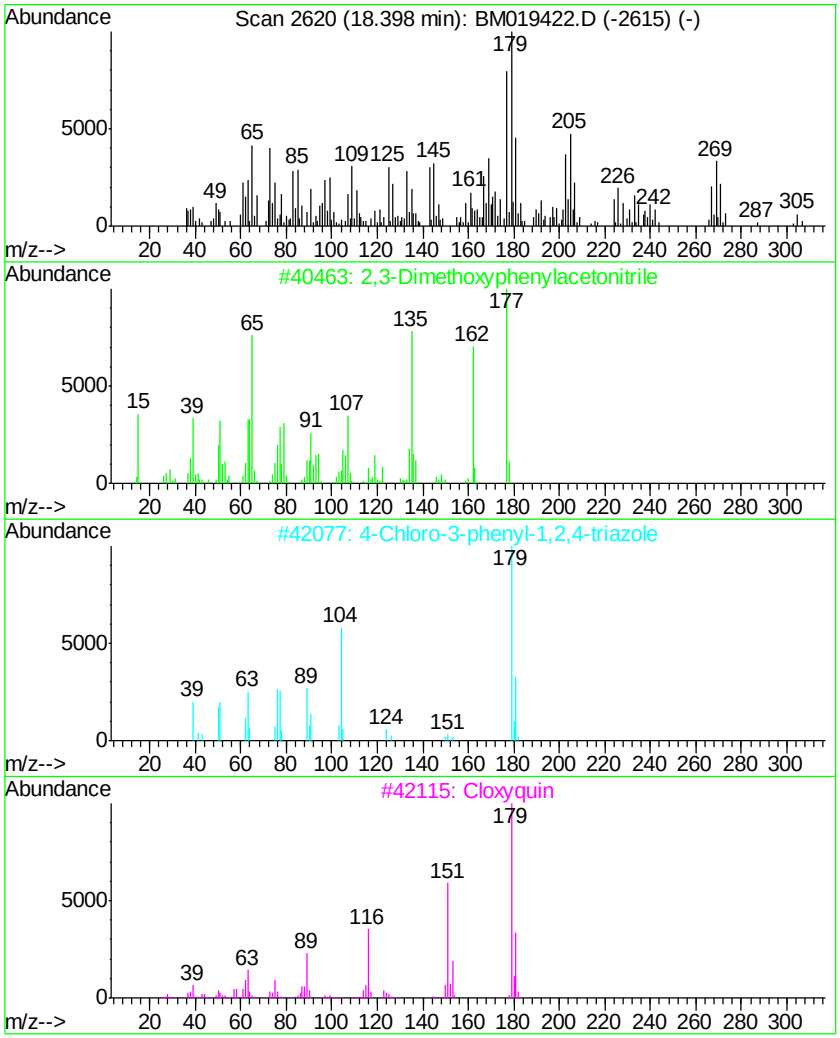
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

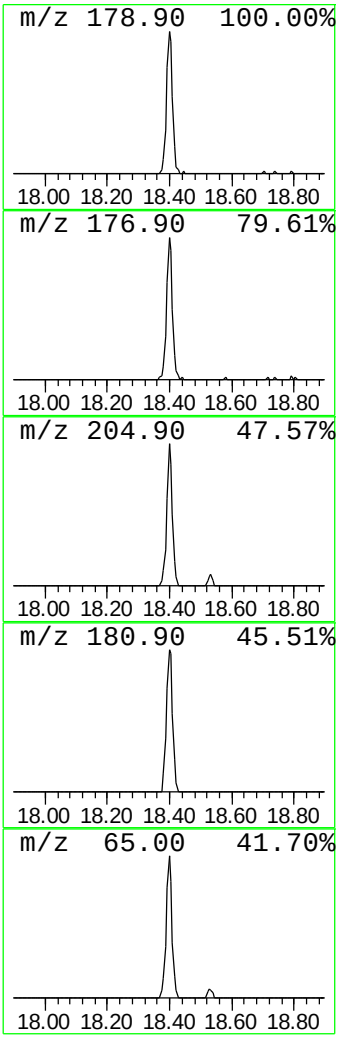
****

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.98 ng/ul	474709	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethoxyphenylacetonitrile	177	C10H11NO2	004468-57-9	25
2	4-Chloro-3-phenyl-1,2,4-triazole	179	C8H6ClN3	1000147-16-1	14
3	Cloxyquin	179	C9H6ClNO	000130-16-5	14
4	trans-(2-Chlorovinyl)methyldieth...	194	C7H15ClO2Si	1000139-96-9	12
5	7-Chloro-4-hydroxyquinoline	179	C9H6ClNO	000086-99-7	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032519\
Data File : BM019422.D
Acq On : 25 Mar 2019 09:32
Operator : JU/SJ
Sample : K2027-08DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0987DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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-	4.98	29.1	ng/ul	99177700	1	7.61	68185200	20.0
Benzene, 1,3-dich...	7.49	2.3	ng/ul	7781080	1	7.61	68185200	20.0
Benzene, 1,4-dich...	7.97	22.2	ng/ul	75655800	1	7.61	68185200	20.0
Benzene, 1-bromo-...	9.09	2.3	ng/ul	118174	2	10.39	1052430	20.0
Benzene, 1,3,5-tr...	10.26	433.9	ng/ul	22831400	2	10.39	1052430	20.0
Benzene, 1,2,3-tr...	10.77	113.5	ng/ul	5973860	2	10.39	1052430	20.0
Benzene, 1-chloro...	11.01	11.9	ng/ul	626982	2	10.39	1052430	20.0
Benzene, 1-chloro...	11.23	2.3	ng/ul	122769	2	10.39	1052430	20.0
unknown-01	18.40	6.0	ng/ul	474709	4	17.02	1587600	20.0