LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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	4.957	322	335	340	rBV3	48217229	145616625	100.00%	29.153%
2	7.469	754	762	775	rBV	7394469	12394812	8.51%	2.481%
3	7.651	775	793	798	rBV3	48135104	135950565	93.36%	27.217%
4	7.975	832	848	852	rBV2	47744953	144386170	99.16%	28.906%
5	8.751	974	980	982	rBV	106991	163387	0.11%	0.033%
6	8.792	982	987	1003	rVB	1212216	2035446	1.40%	0.407%
7	10.004	1185	1193	1200	rBV	88243	173459	0.12%	0.035%
8	10.233	1222	1232	1245	rBV	18550341	30483866	20.93%	6.103%
9	10.363	1247	1254	1268	rVB	675202	1081578	0.74%	0.217%
10	10.745	1310	1319	1331	rBV	5207267	8618763	5.92%	1.725%
11	10.980	1352	1359	1376	rBV	1100586	1888905	1.30%	0.378%
12	11.198	1389	1396	1413	rBV2	139882	354269	0.24%	0.071%
13	12.404	1591	1601	1609	rBV	236332	430972	0.30%	0.086%
14	13.022	1700	1706	1716	rBV	716646	1095975	0.75%	0.219%
15	13.663	1810	1815	1822	rBV	209420	323338	0.22%	0.065%
16	13.933	1856	1861	1870	rVB	263942	373744	0.26%	0.075%
17	14.239	1906	1913	1925	rBV2	932600	1427686	0.98%	0.286%
18	15.245	2078	2084	2096	rBV	316850	504552	0.35%	0.101%
19	16.998	2376	2382	2394	rBV2	1165445	1667886	1.15%	0.334%
20	17.098	2394	2399	2411	rVV2	343794	530474	0.36%	0.106%
21	18.380	2611	2617	2626	rVB	2393757	3179592	2.18%	0.637%
22	19.403	2786	2791	2801	rBV	477623	656766	0.45%	0.131%
23	21.203	3092	3097	3108	rBV	1768369	2365635	1.62%	0.474%
24	23.262	3441	3447	3456	rBV2	566882	1095178	0.75%	0.219%
25	23.409	3465	3472	3482	rVB	1447546	2698023	1.85%	0.540%

Sum of corrected areas: 499497666

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
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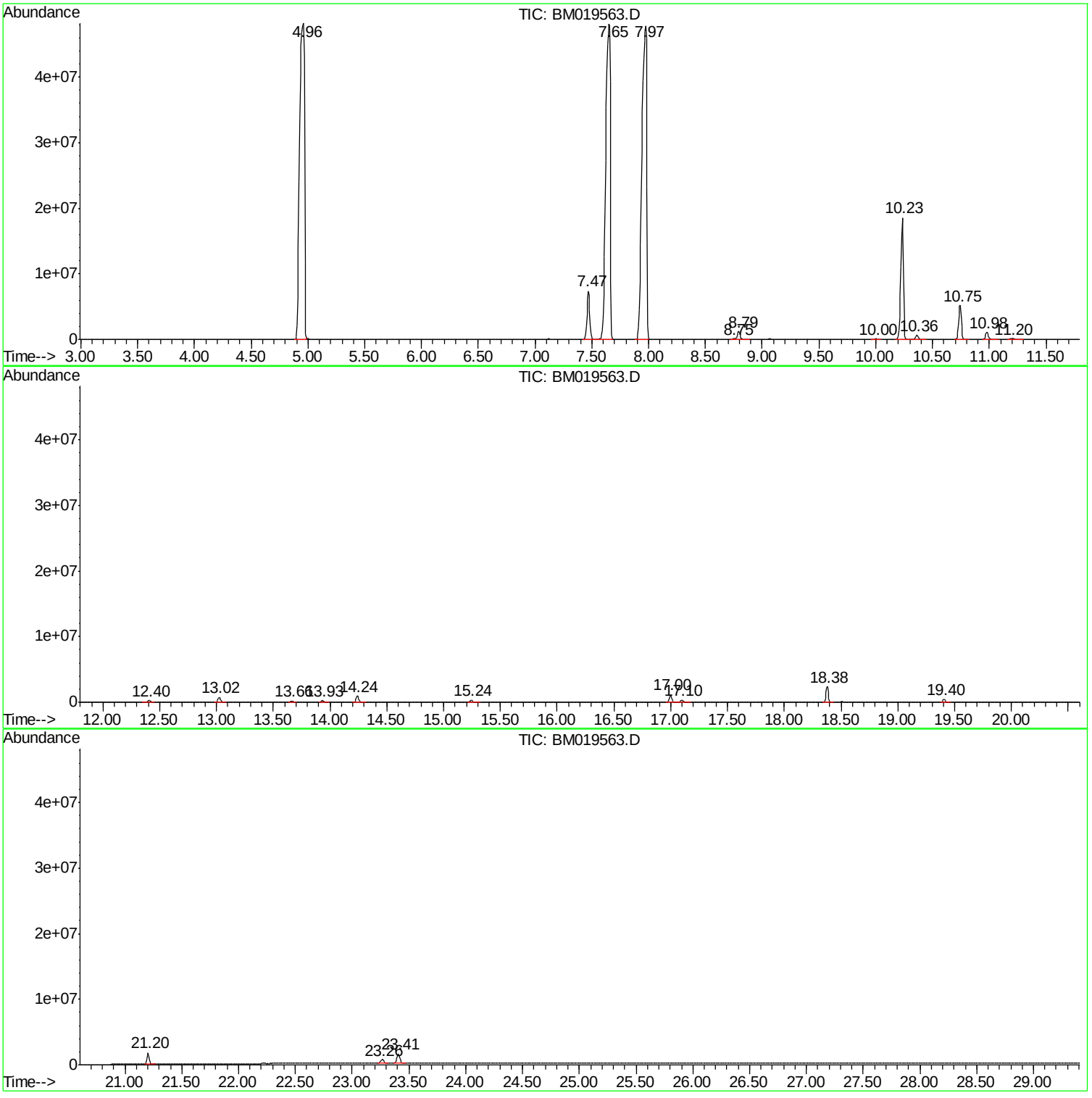
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09D7DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

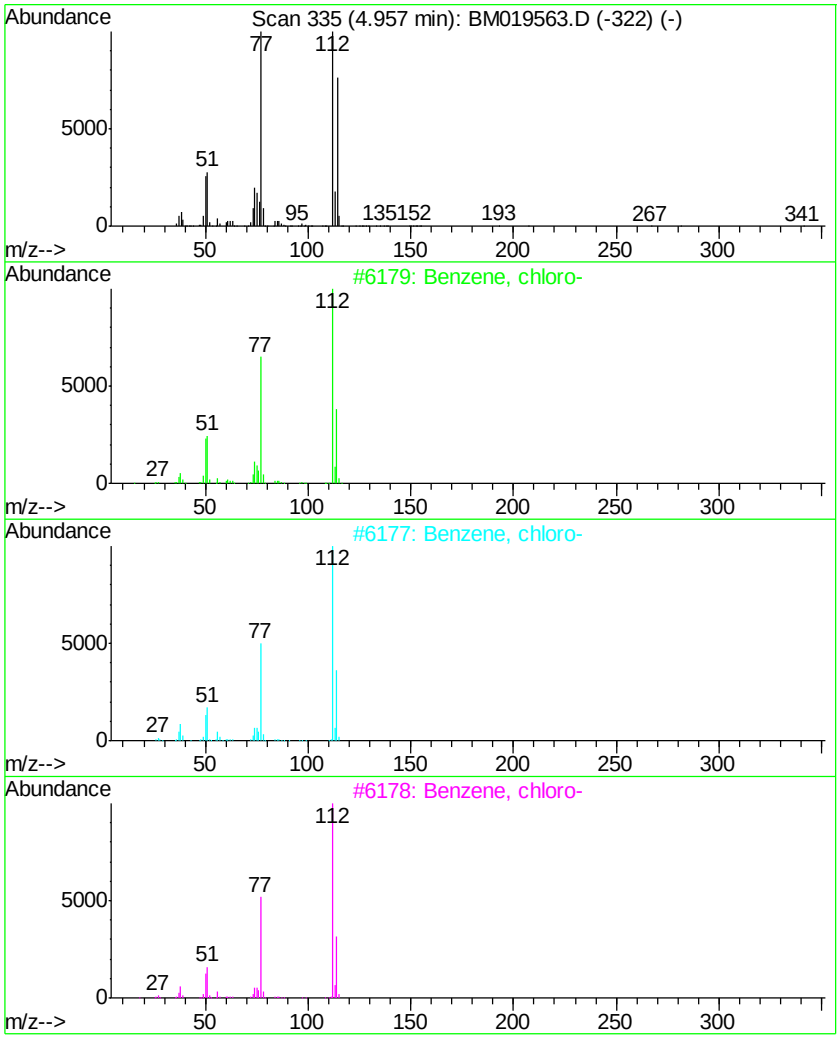
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

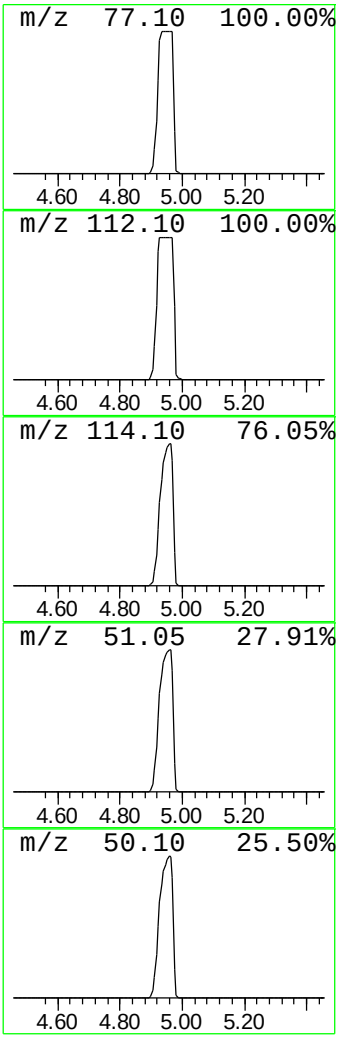
****

Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	21.42 ng/ul	145617000	1,4-Dichlorobenzene-d4	7.59

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	64
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

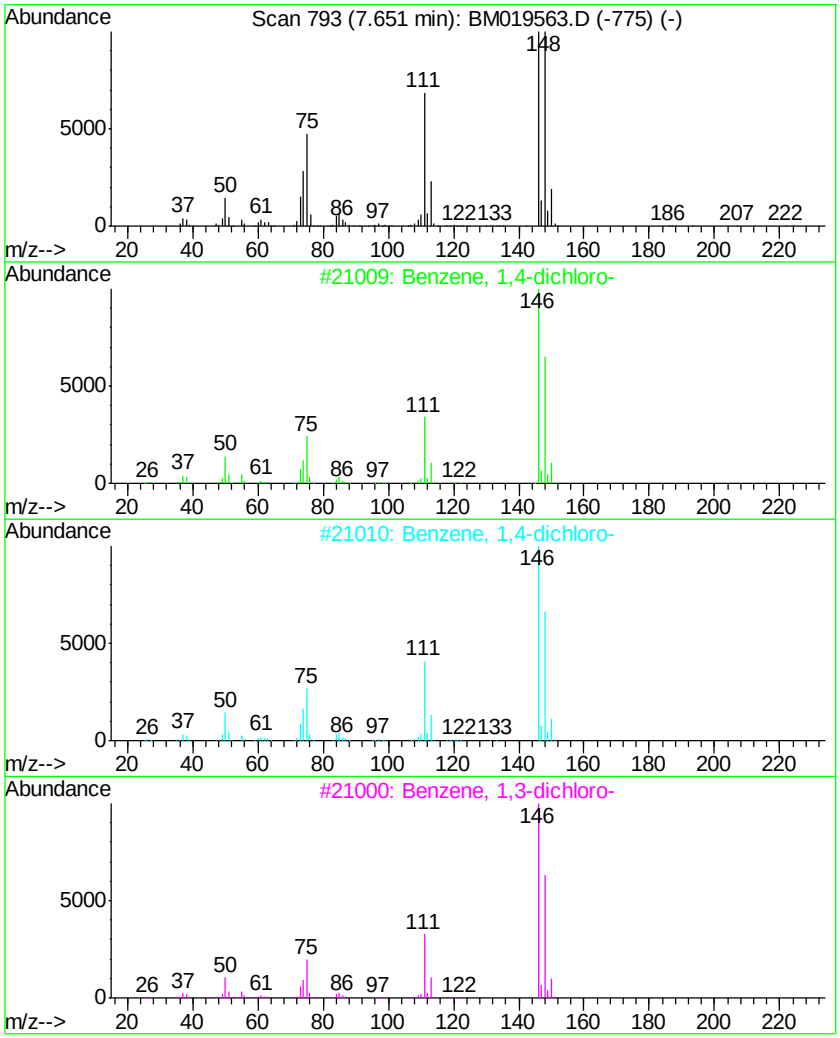
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

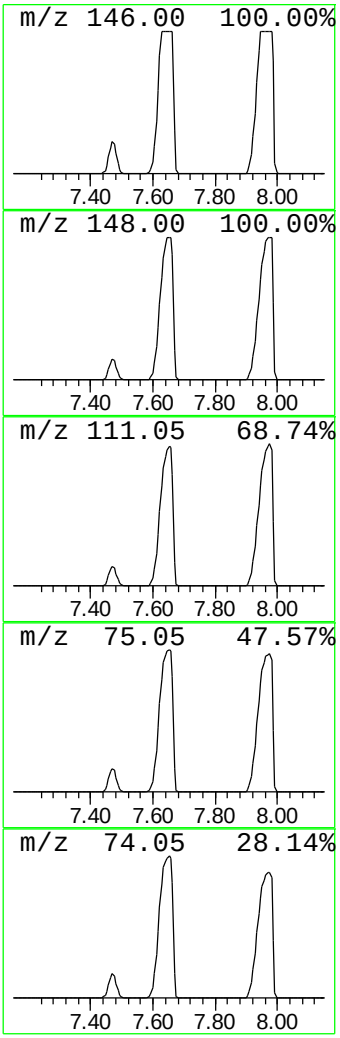
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	20.00 ng/ul	135951000	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	93
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	87
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

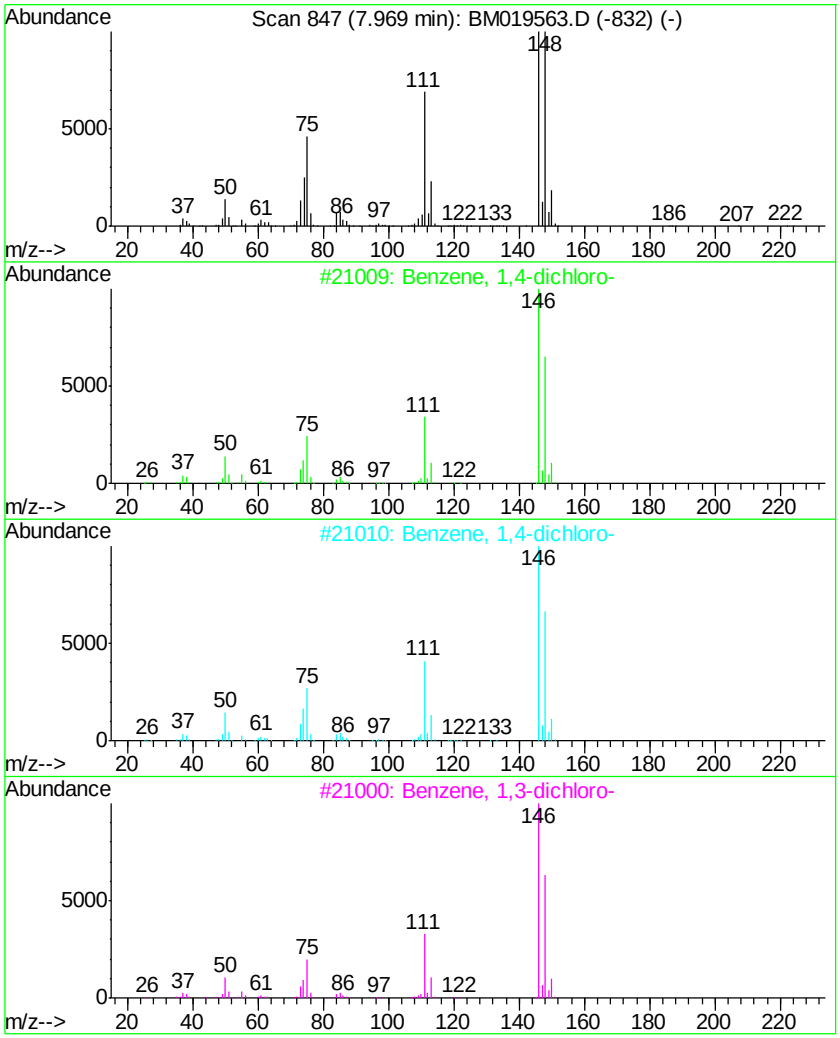
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

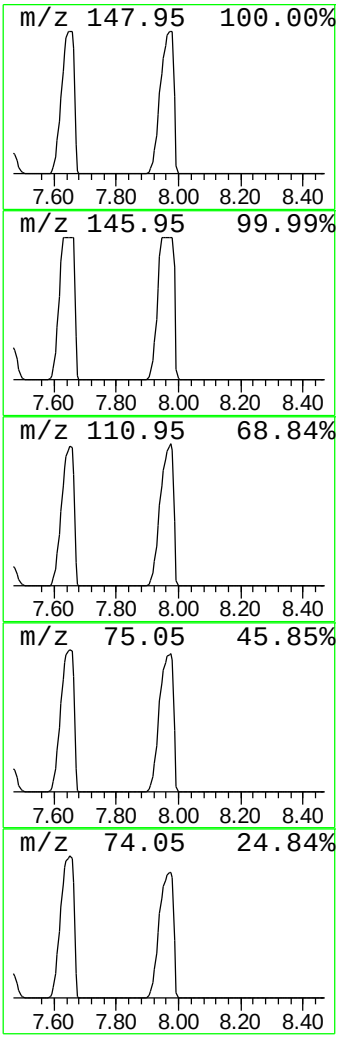
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	21.24 ng/ul	144386000	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	87
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	87
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

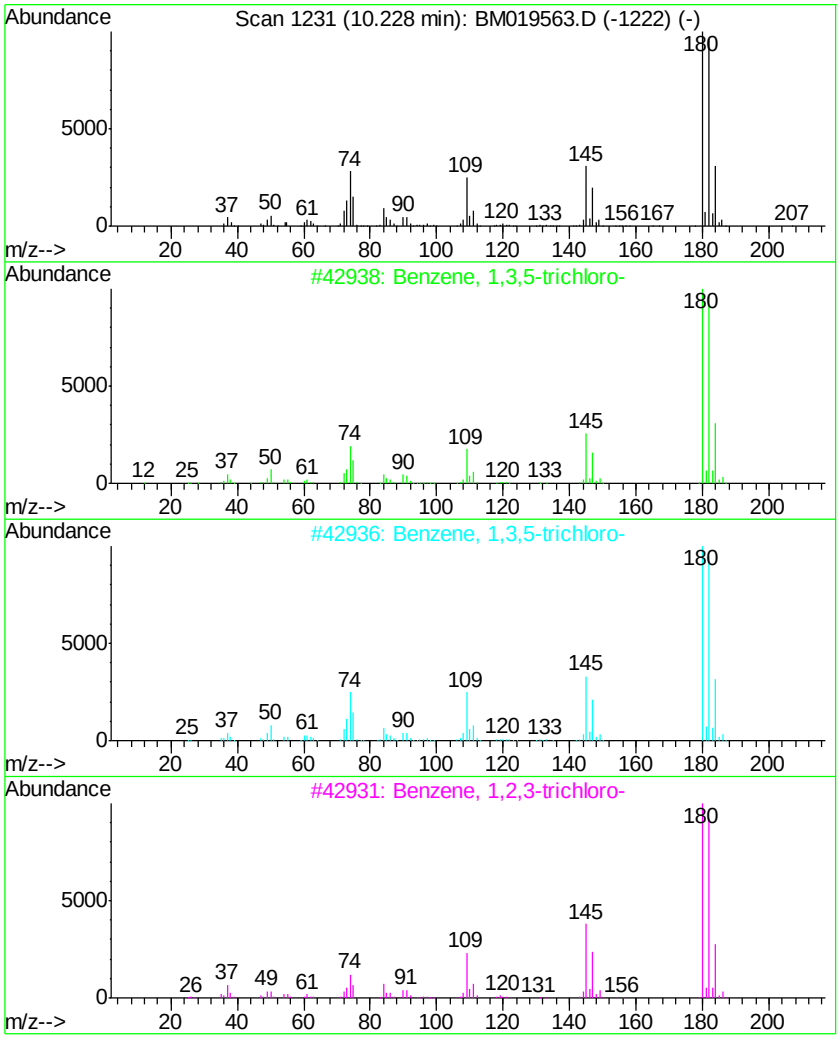
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

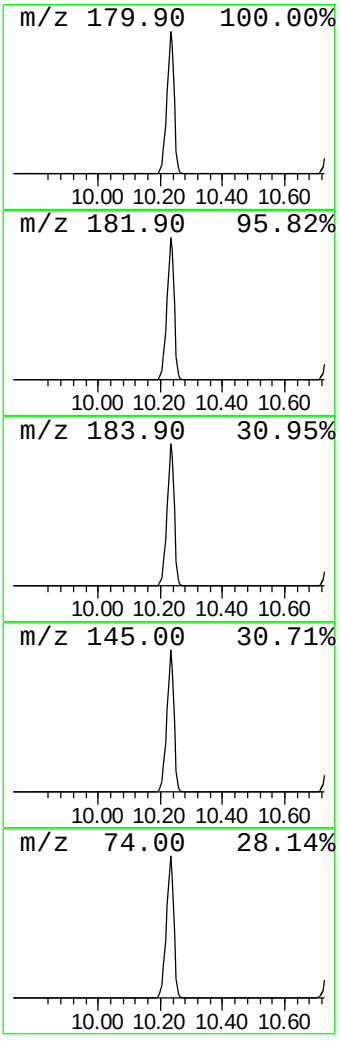
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	563.69 ng/ul	30483900	Naphthalene-d8	10.36

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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

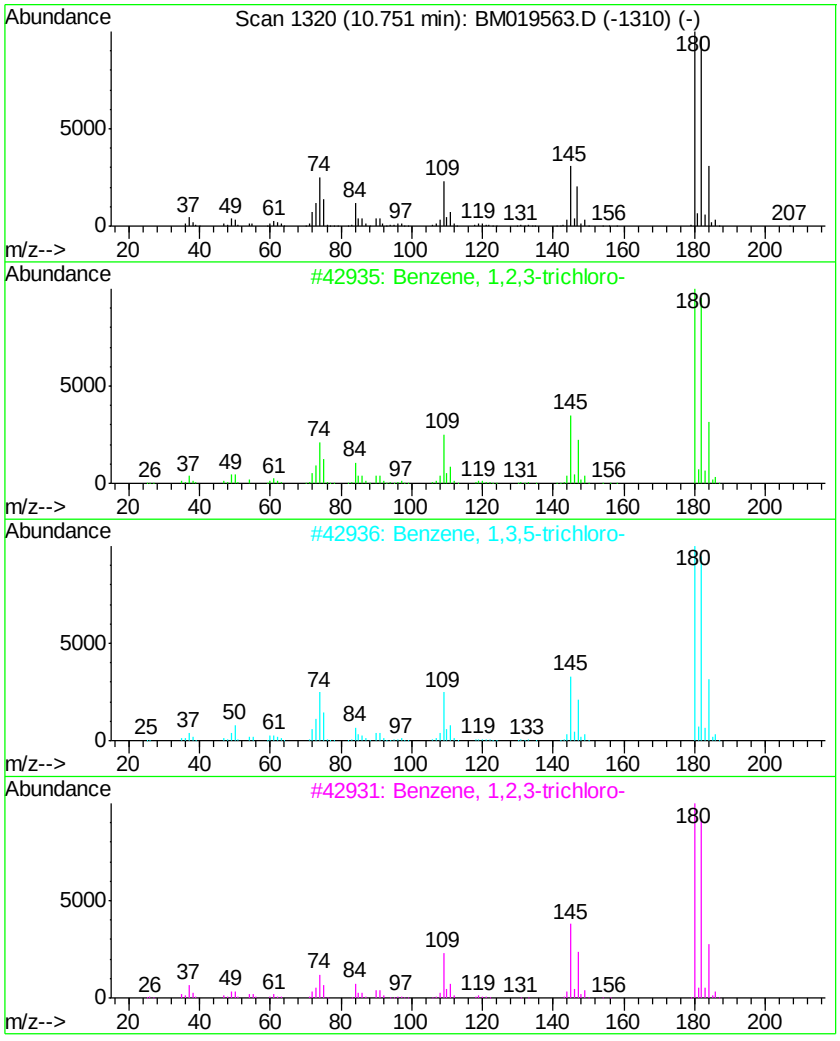
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

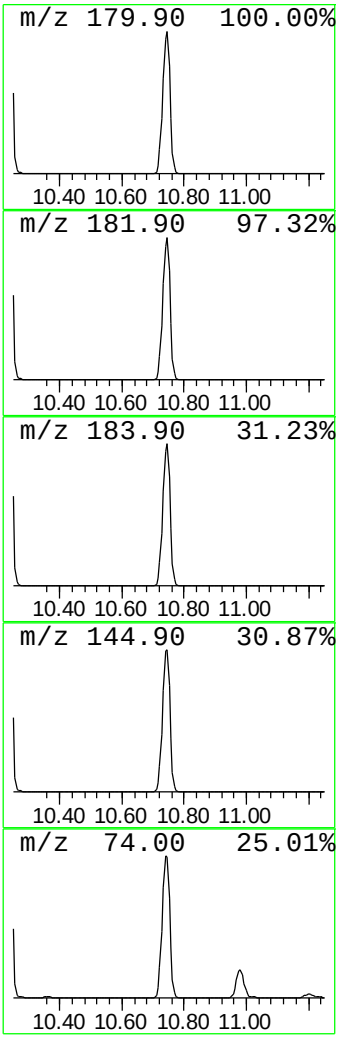
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	159.37 ng/ul	8618760	Naphthalene-d8	10.36

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, 1,2,3-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	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

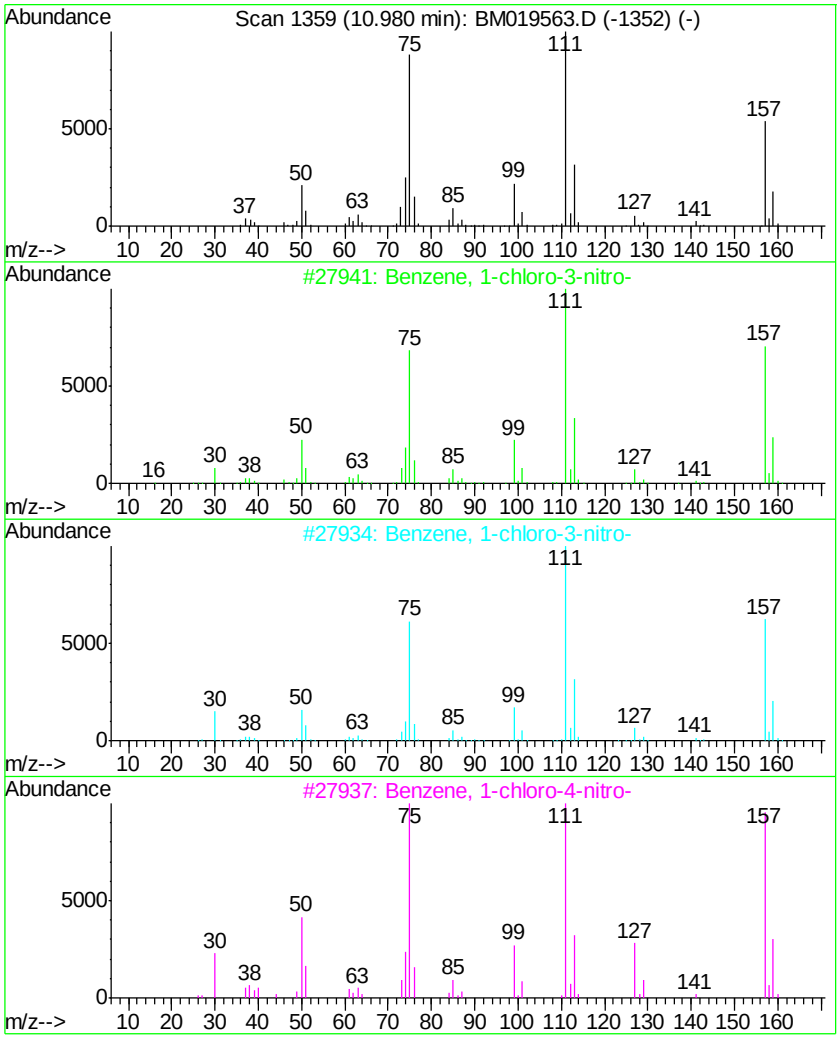
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

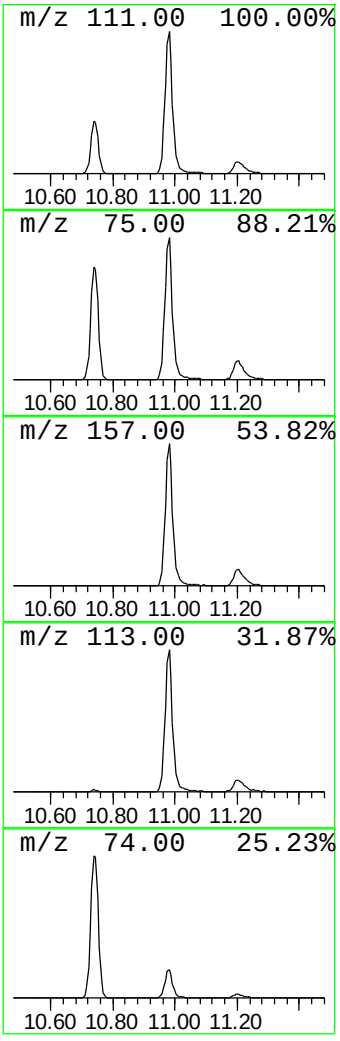
****

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	34.93 ng/ul	1888910	Naphthalene-d8	10.36

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	95
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\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

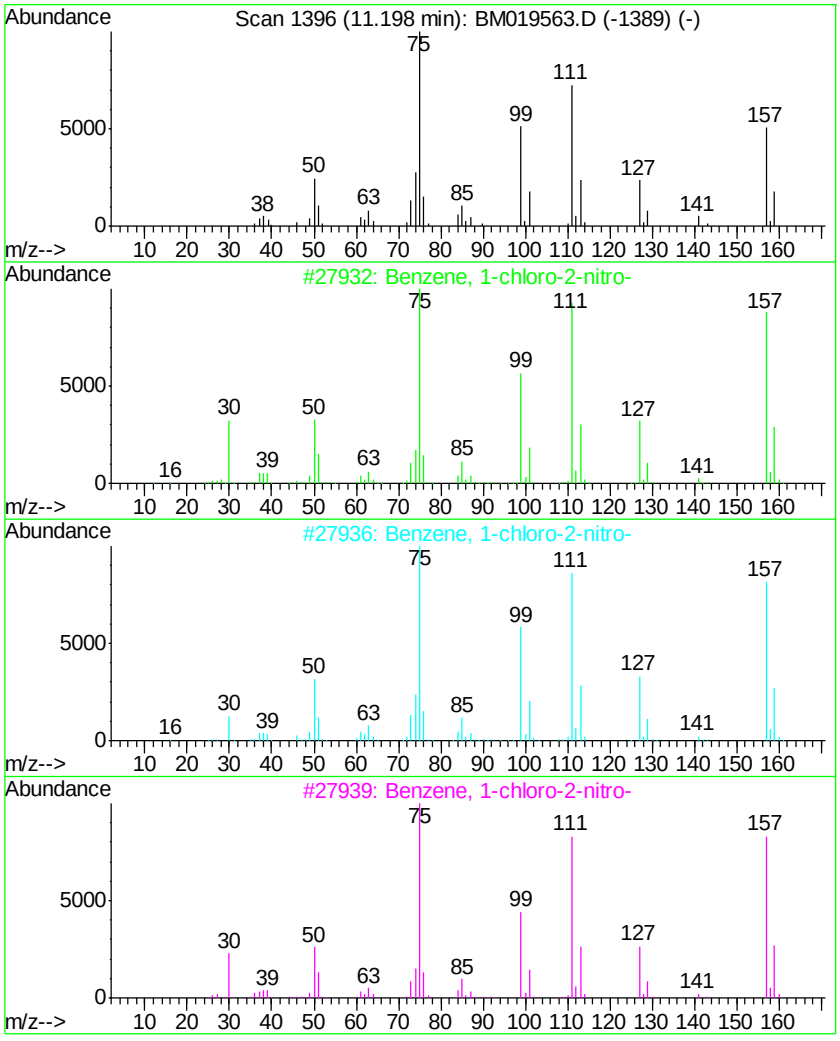
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

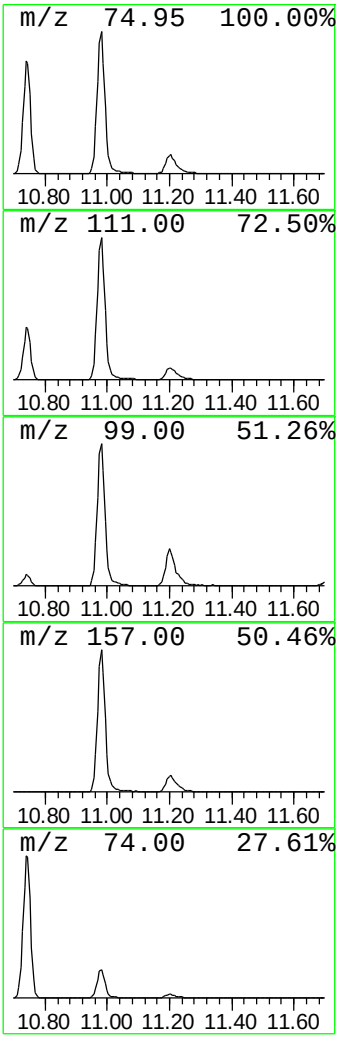
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	6.55 ng/ul	354269	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93





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Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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

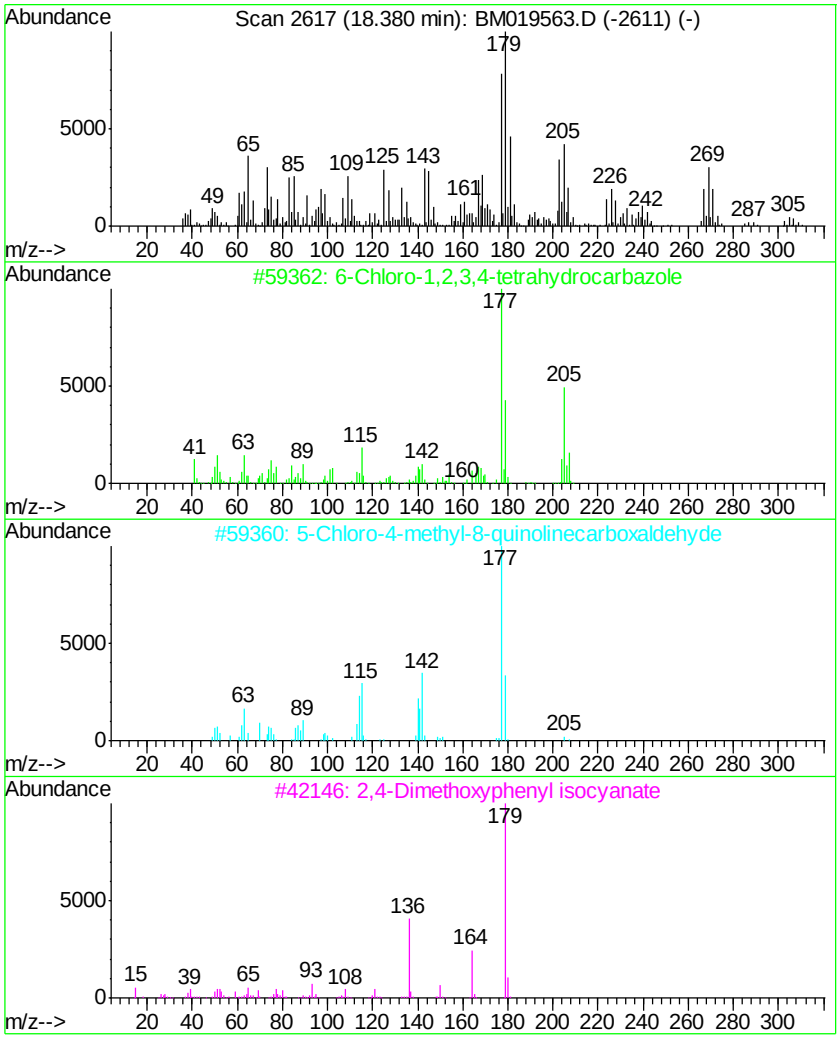
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

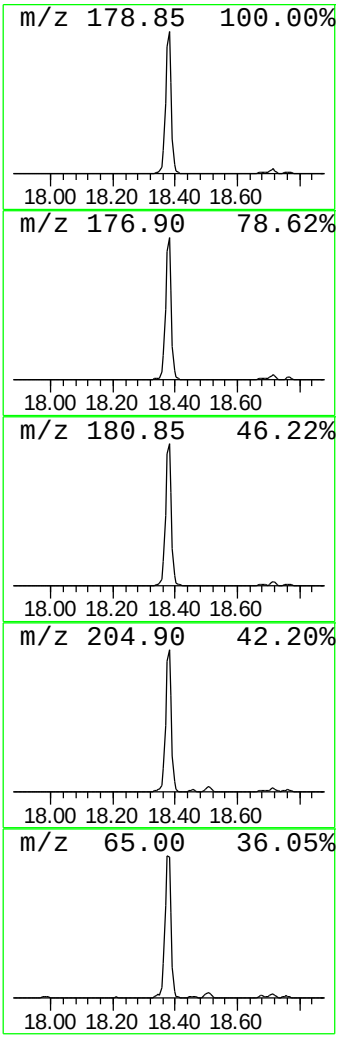
****

Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	38.13 ng/ul	3179590	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2	5-Chloro-4-methyl-8-quinolinecar...	205	C11H8ClNO	028662-47-7	27
3	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	25
4	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
5	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019563.D
Acq On : 29 Mar 2019 04:39
Operator : JU/SJ
Sample : K2069-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D7DL

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-	4.96	21.4	ng/ul	145617000	1	7.59	135951000	20.0
Benzene, 1,4-dich...	7.65	20.0	ng/ul	135951000	1	7.59	135951000	20.0
Benzene, 1,3-dich...	7.97	21.2	ng/ul	144386000	1	7.59	135951000	20.0
Benzene, 1,3,5-tr...	10.23	563.7	ng/ul	30483900	2	10.36	1081580	20.0
Benzene, 1,2,3-tr...	10.75	159.4	ng/ul	8618760	2	10.36	1081580	20.0
Benzene, 1-chloro...	10.98	34.9	ng/ul	1888910	2	10.36	1081580	20.0
Benzene, 1-chloro...	11.20	6.5	ng/ul	354269	2	10.36	1081580	20.0
unknown-01	18.38	38.1	ng/ul	3179590	4	17.00	1667890	20.0