LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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	4.952	326	334	352	rBV	22964866	33209684	35.62%	11.724%
2	6.787	640	646	666	rVB2	61103	133239	0.14%	0.047%
3	6.957	669	675	688	rBV	217608	379063	0.41%	0.134%
4	7.134	700	705	710	rBV	258077	460577	0.49%	0.163%
5	7.493	757	766	778	rBV	10133131	16008183	17.17%	5.651%
6	7.657	778	794	799	rBV	33978086	63615912	68.23%	22.458%
7	7.981	835	849	853	rBV2	40480523	93243289	100.00%	32.918%
8	8.322	900	907	917	rBV	140088	281555	0.30%	0.099%
9	8.769	976	983	987	rBV	247210	432715	0.46%	0.153%
10	8.816	987	991	1001	rVB	174970	338420	0.36%	0.119%
11	9.093	1029	1038	1047	rBV2	93450	164246	0.18%	0.058%
12	9.404	1086	1091	1099	rVB2	52732	99320	0.11%	0.035%
13	9.487	1099	1105	1119	rVB	194781	359430	0.39%	0.127%
14	10.016	1188	1195	1202	rBV	317398	630013	0.68%	0.222%
15	10.081	1202	1206	1216	rVB	115233	216064	0.23%	0.076%
16	10.169	1216	1221	1226	rBV	110714	185255	0.20%	0.065%
17	10.257	1227	1236	1244	rBV	22190619	38393407	41.18%	13.554%
18	10.387	1252	1258	1267	rVB	696157	1125691	1.21%	0.397%
19	10.769	1313	1323	1344	rBV	9776513	15827232	16.97%	5.587%
20	11.010	1356	1364	1378	rBV	102703	210321	0.23%	0.074%
21	12.422	1593	1604	1622	rBV	438588	840768	0.90%	0.297%
22	13.045	1703	1710	1717	rBV	1754093	2791881	2.99%	0.986%
23	13.304	1748	1754	1769	rBV	90182	204523	0.22%	0.072%
24	13.681	1812	1818	1826	rBV	548041	819122	0.88%	0.289%
25	13.951	1857	1864	1877	rBV	706769	1034921	1.11%	0.365%
26	14.257	1910	1916	1927	rBV2	895670	1374415	1.47%	0.485%
27	15.257	2080	2086	2100	rBV	864891	1296053	1.39%	0.458%
28	15.410	2107	2112	2123	rBV	139756	258231	0.28%	0.091%
29	17.016	2379	2385	2396	rBV	1071538	1479432	1.59%	0.522%
30	17.116	2396	2402	2424	rVV2	841498	1290624	1.38%	0.456%
31	19.421	2788	2794	2804	rBV2	1062035	1468593	1.58%	0.518%
32	21.221	3095	3100	3112	rBV	1269827	1695286	1.82%	0.598%
33	23.292	3446	3452	3468	rBV2	862557	1639861	1.76%	0.579%
34	23.439	3470	3477	3488	rVB2	926240	1755866	1.88%	0.620%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09B1DL

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

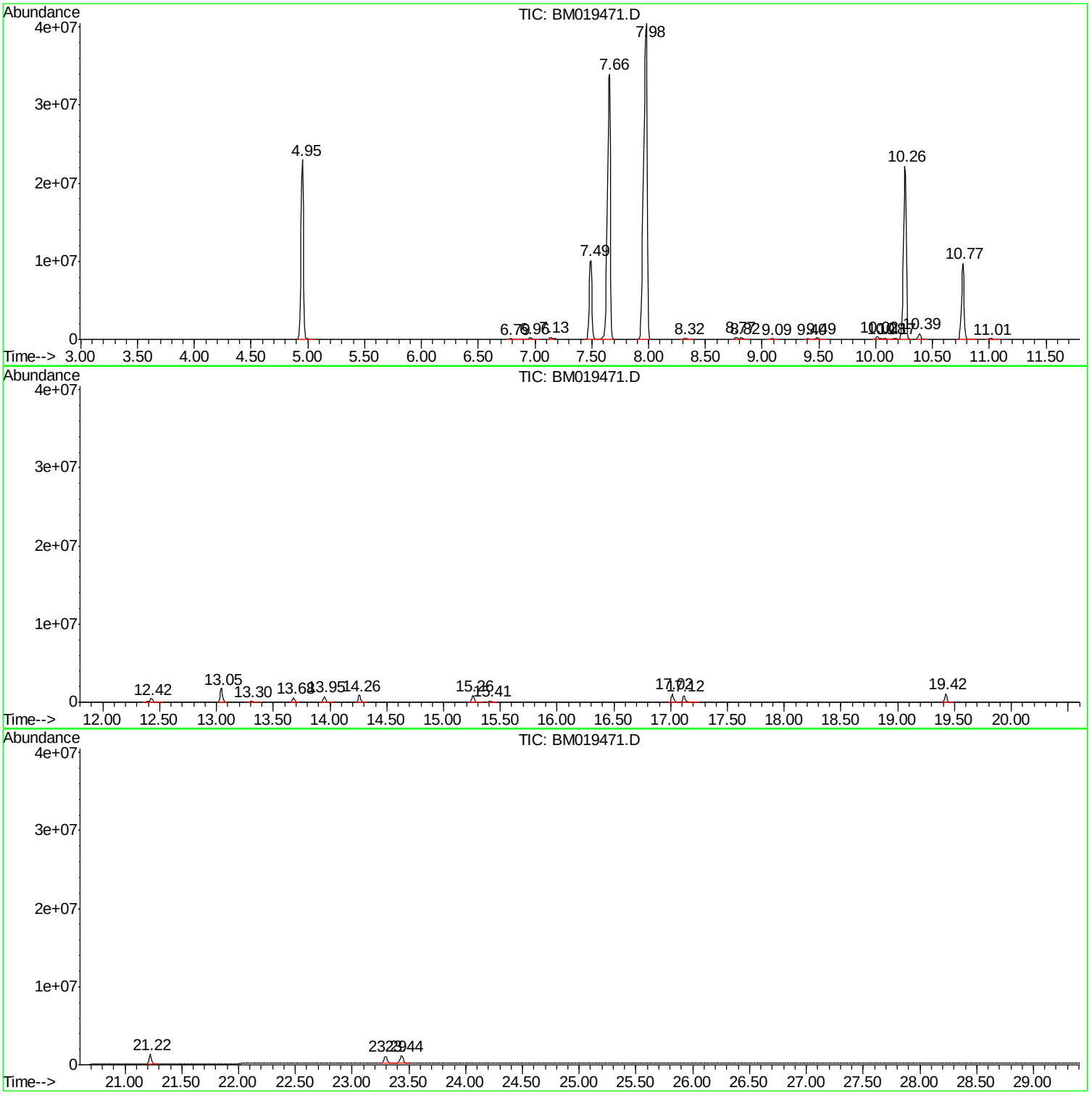
Sum of corrected areas: 283263192

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09B1DL

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\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

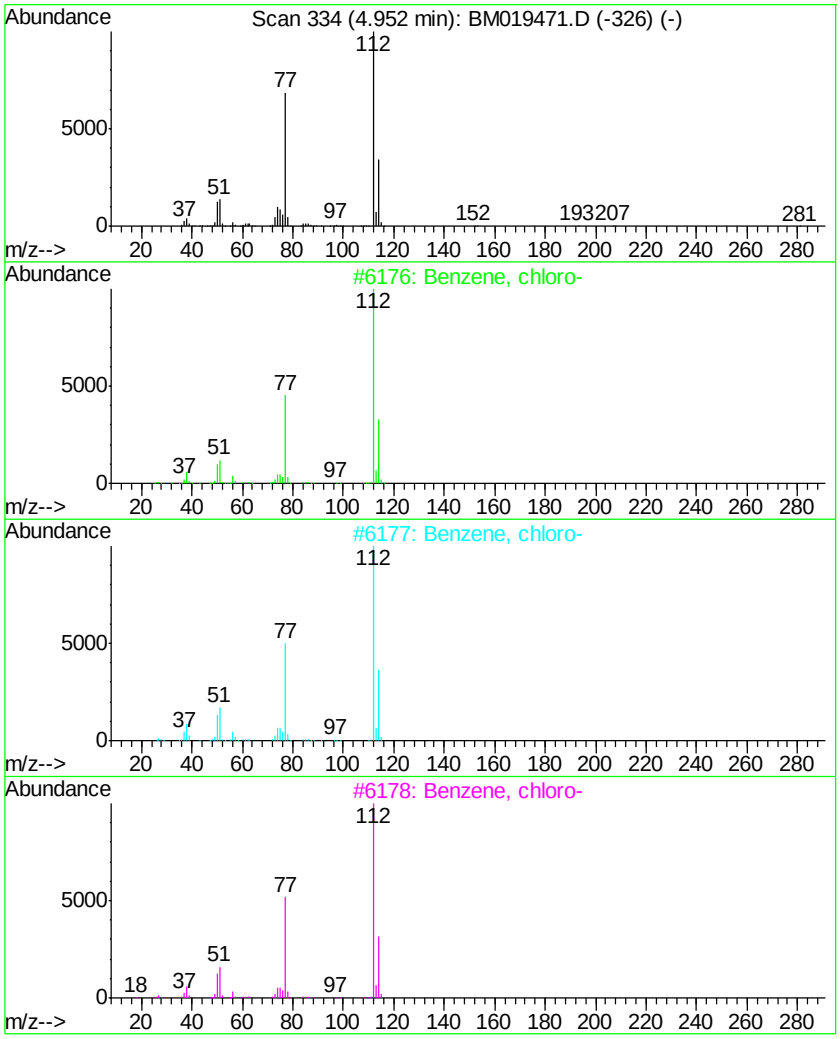
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

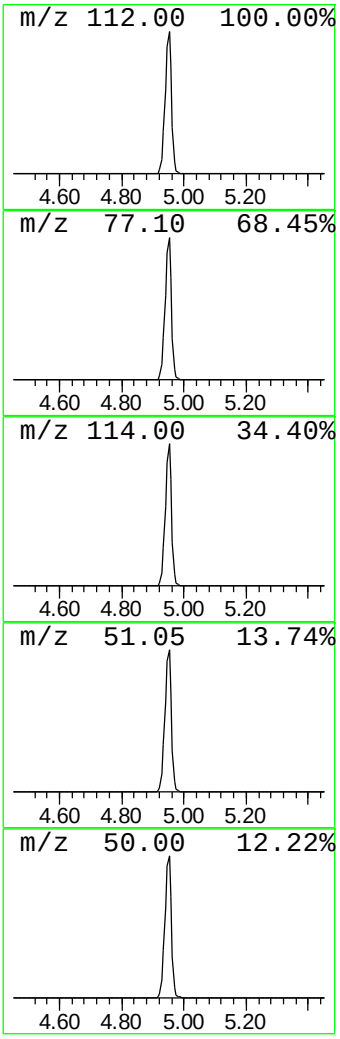
****

Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	10.44 ng/ul	33209700	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	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

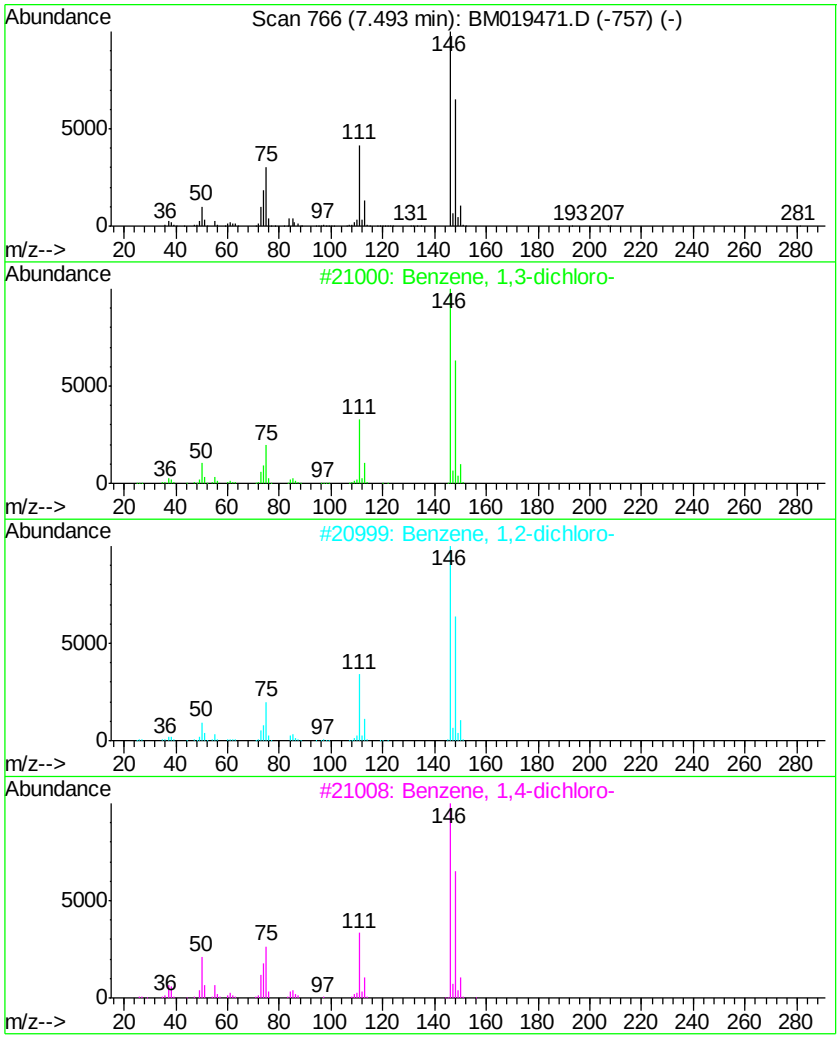
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

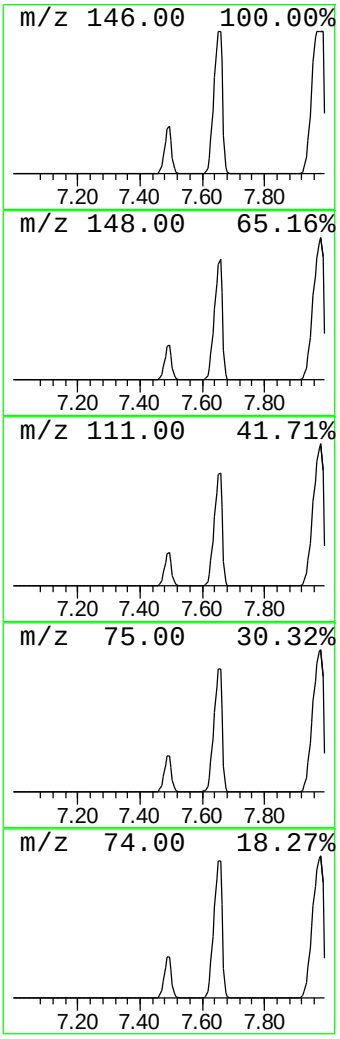
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	5.03 ng/ul	16008200	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, 1,4-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	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

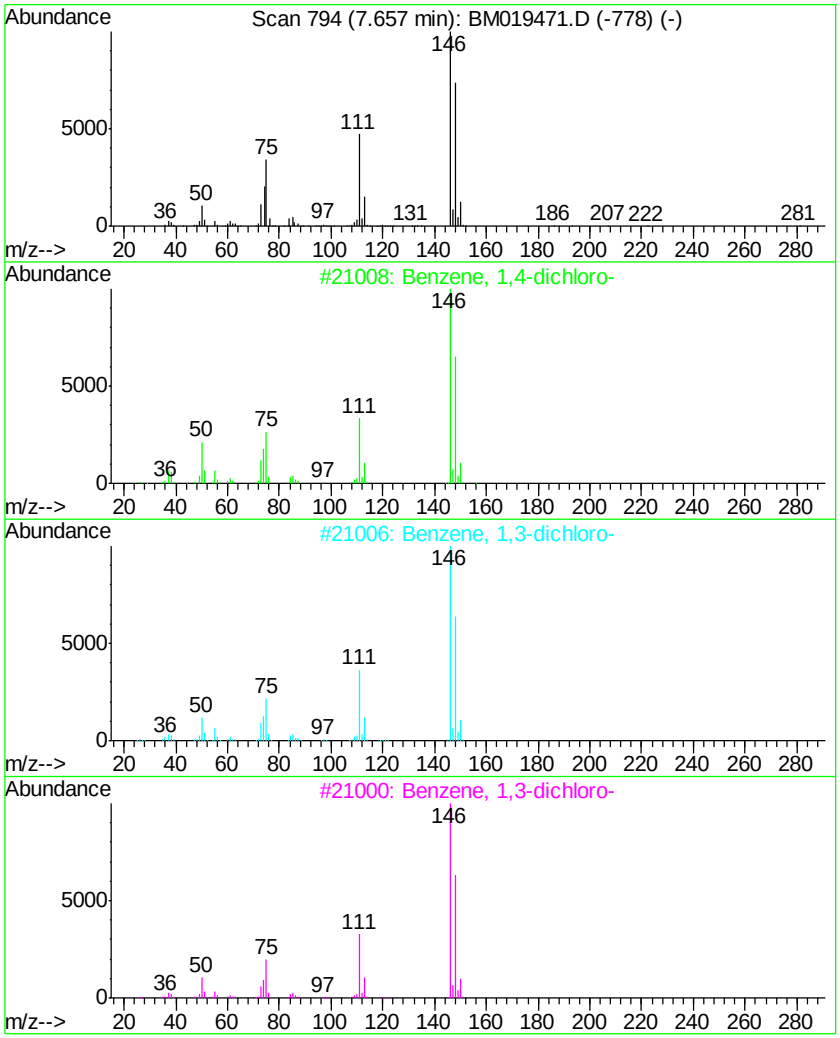
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

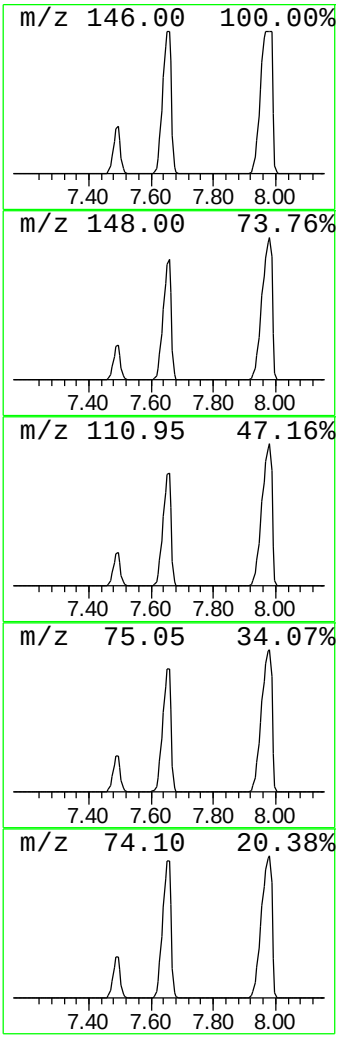
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	20.00 ng/ul	63615900	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

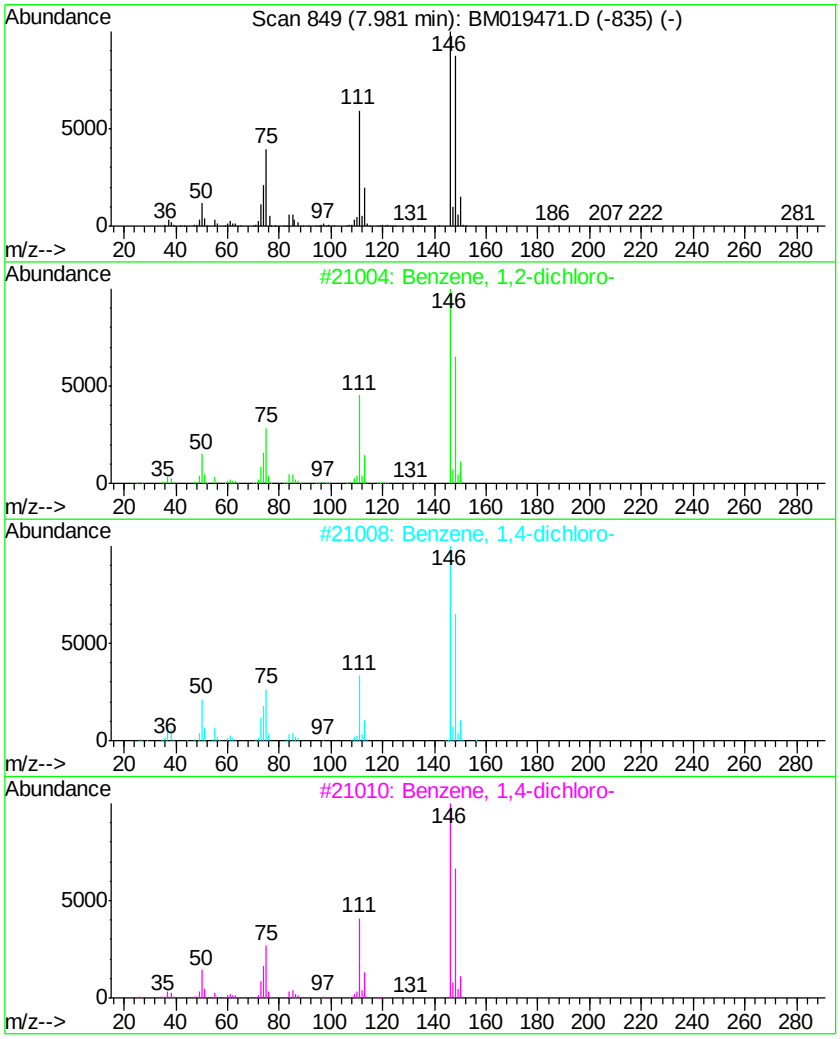
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

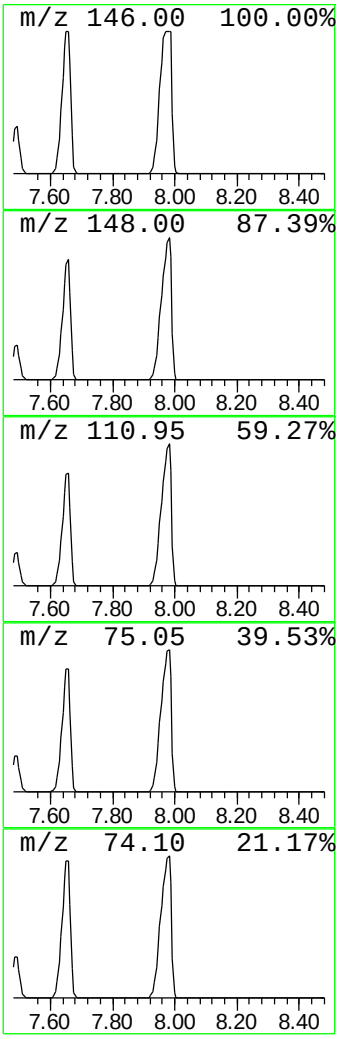
****

Peak Number 4 Benzene, 1,2-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	29.31 ng/ul	93243300	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

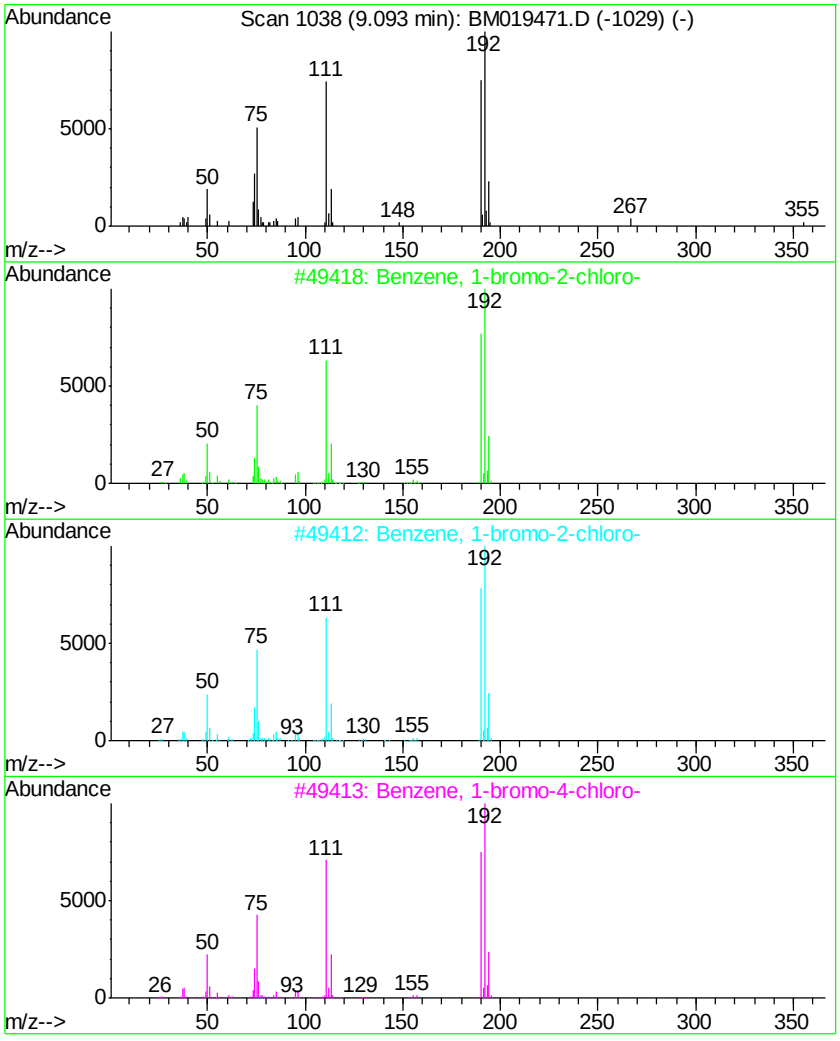
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

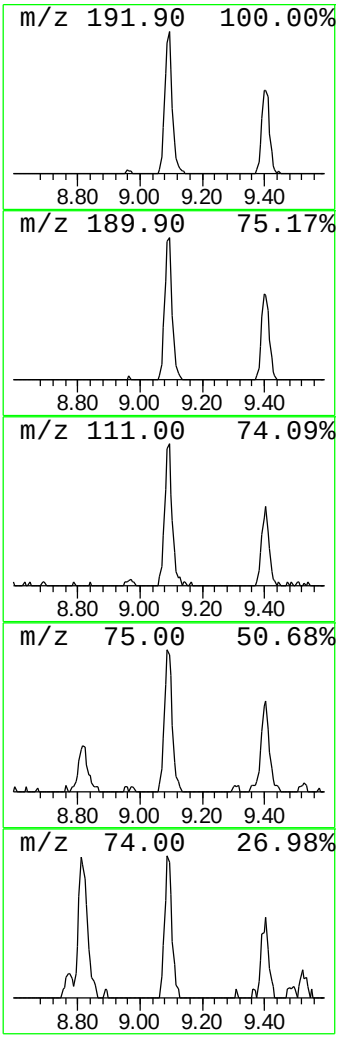
****

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.92 ng/ul	164246	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	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

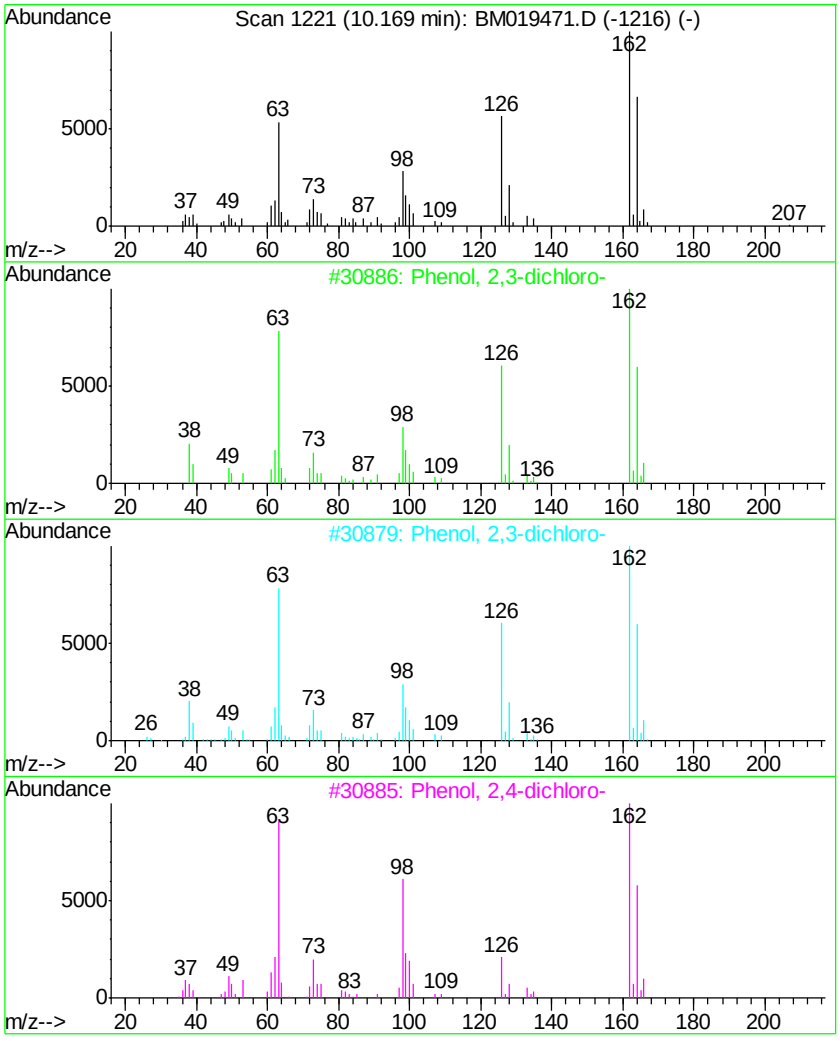
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

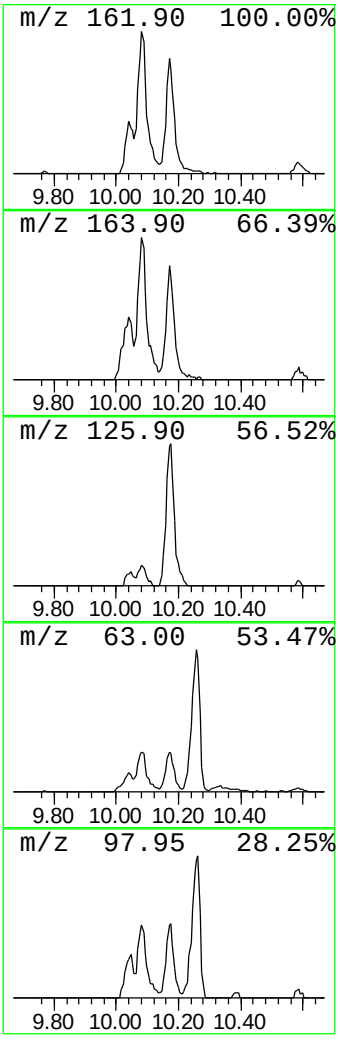
****

Peak Number 6 Phenol, 2,3-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	3.29 ng/ul	185255	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
2	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	94
3	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	93
4	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	90
5	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

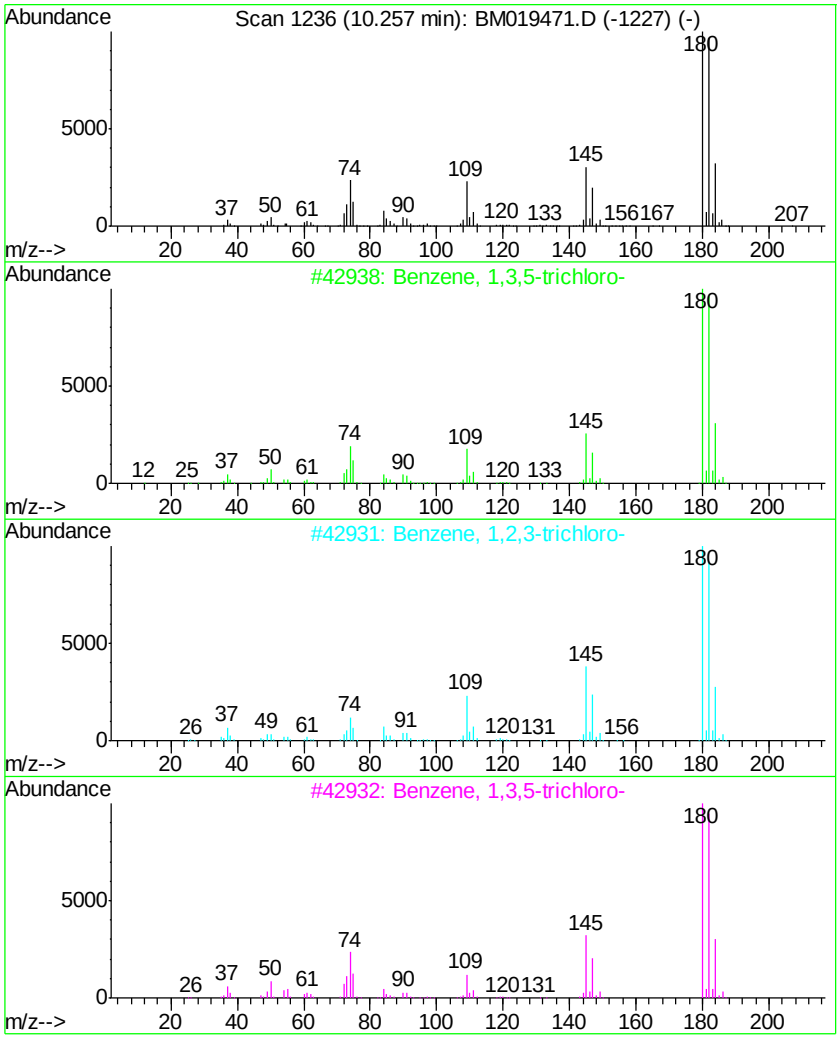
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

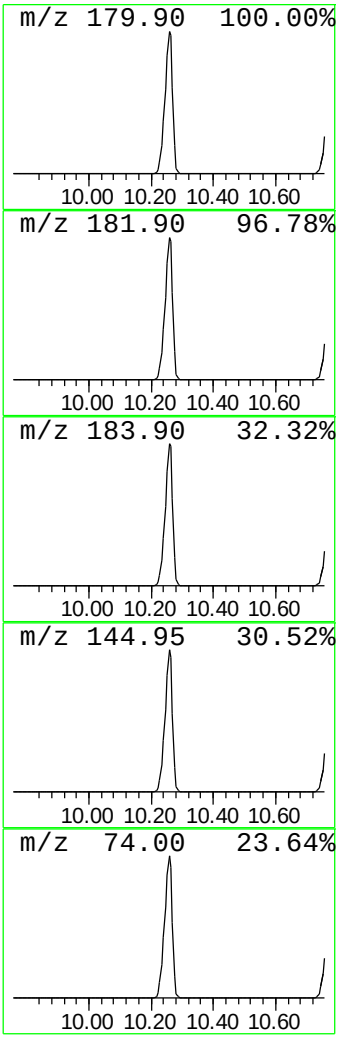
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	682.13 ng/ul	38393400	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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

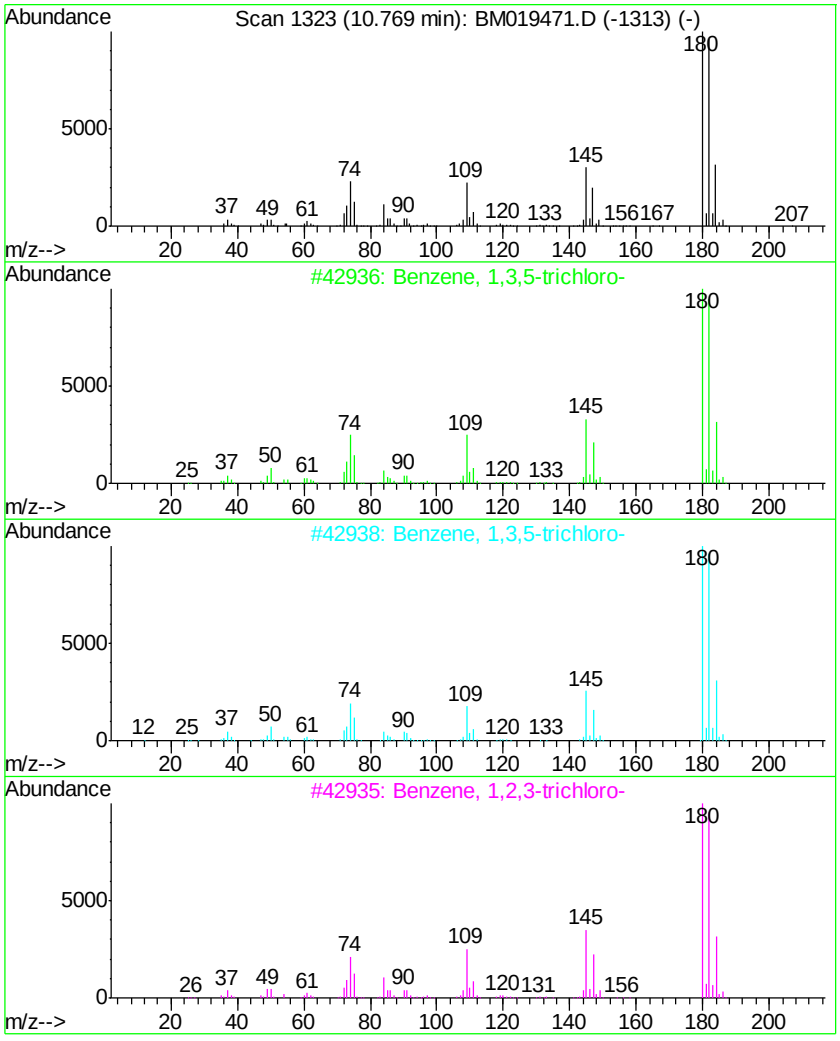
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

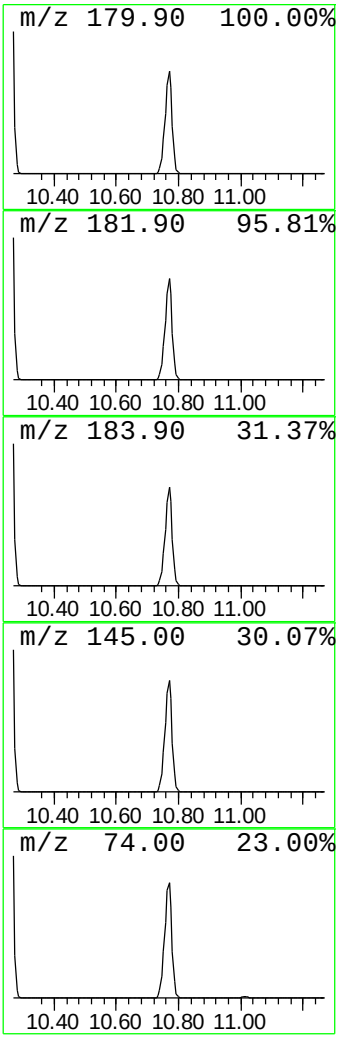
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	281.20 ng/ul	15827200	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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

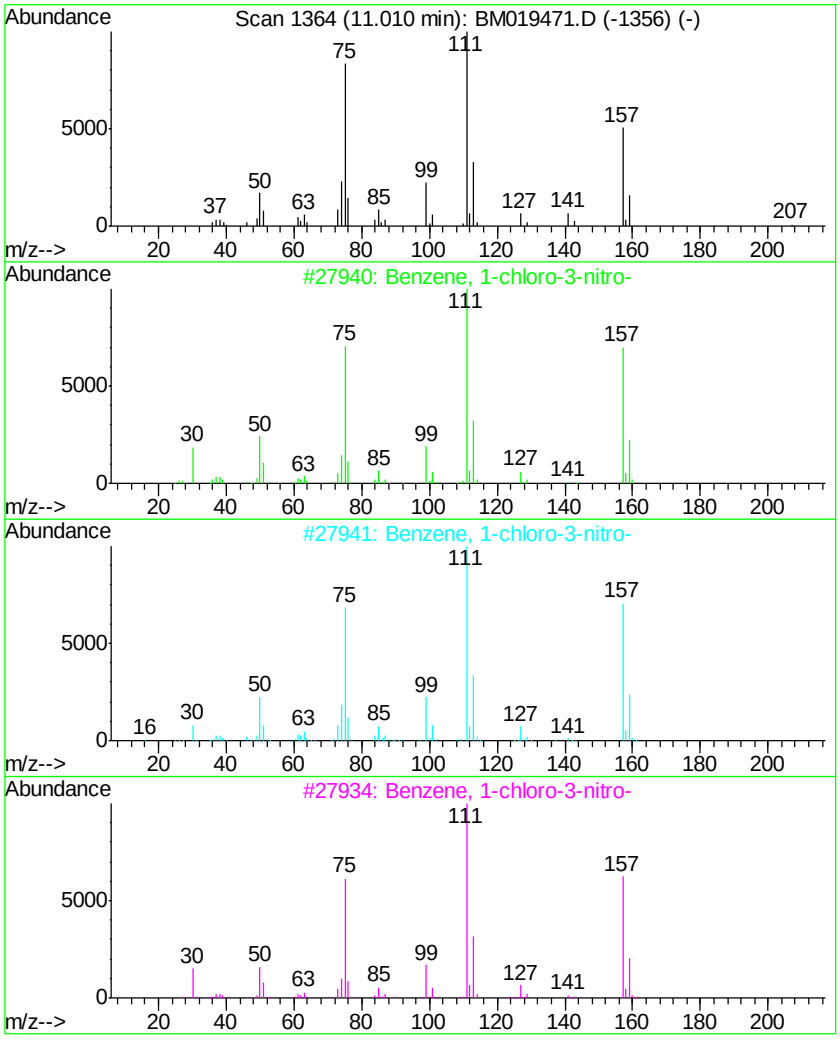
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

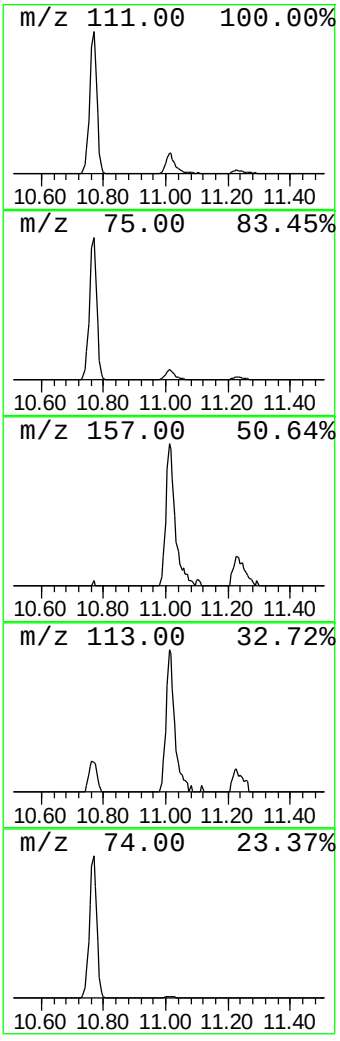
****

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.74 ng/ul	210321	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





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Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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

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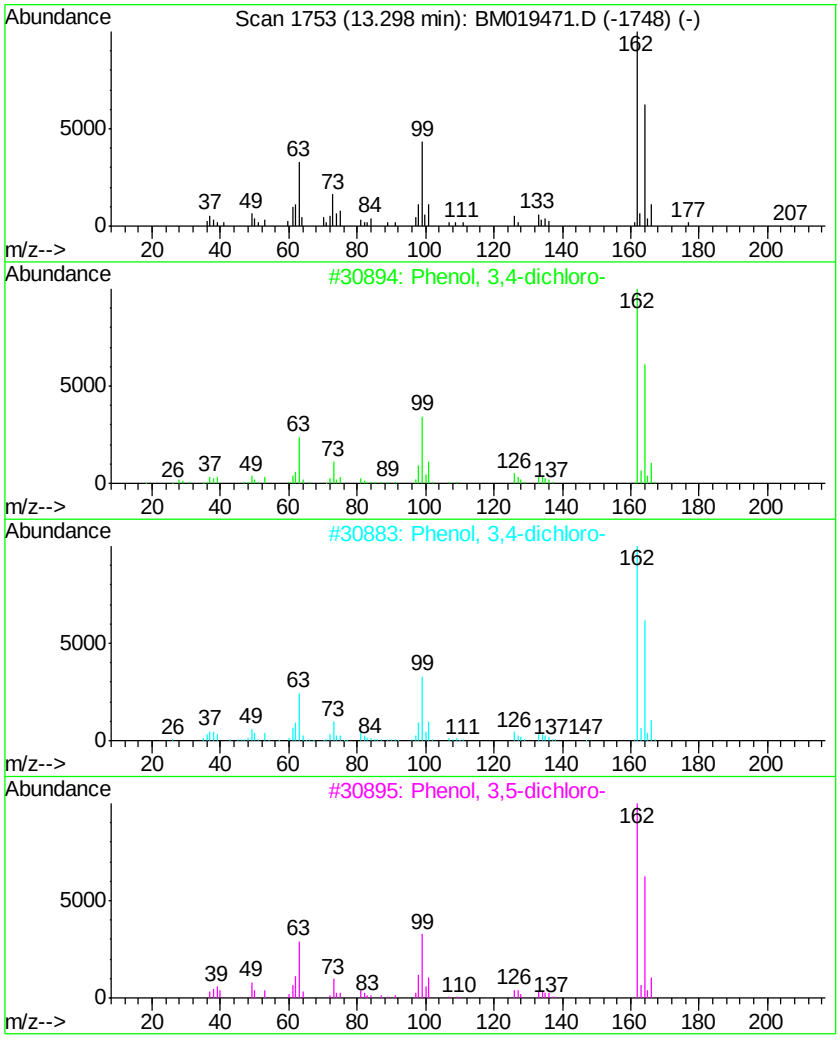
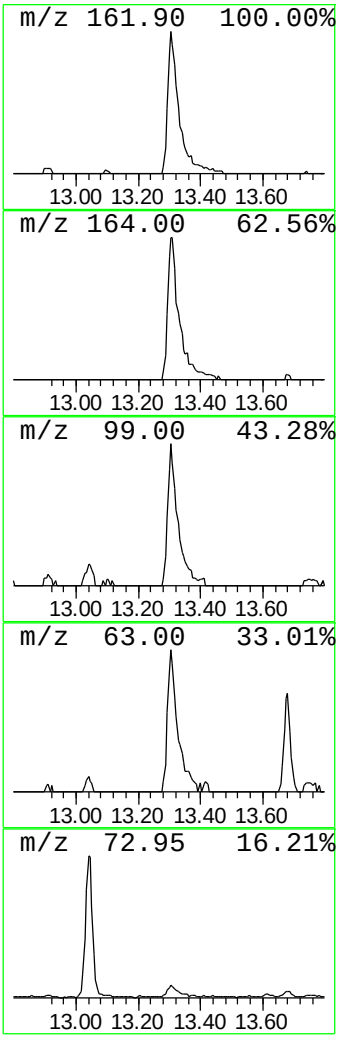
Peak Number 10 Phenol, 3,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.98 ng/ul	204523	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019471.D
Acq On : 26 Mar 2019 15:37
Operator : JU/SJ
Sample : K2027-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B1DL

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-	4.95	10.4	ng/ul	33209700	1	7.60	63615900	20.0
Benzene, 1,3-dich...	7.49	5.0	ng/ul	16008200	1	7.60	63615900	20.0
Benzene, 1,4-dich...	7.66	20.0	ng/ul	63615900	1	7.60	63615900	20.0
Benzene, 1,2-dich...	7.98	29.3	ng/ul	93243300	1	7.60	63615900	20.0
Benzene, 1-bromo-...	9.09	2.9	ng/ul	164246	2	10.39	1125690	20.0
Phenol, 2,3-dichl...	10.17	3.3	ng/ul	185255	2	10.39	1125690	20.0
Benzene, 1,3,5-tr...	10.26	682.1	ng/ul	38393400	2	10.39	1125690	20.0
Benzene, 1,2,3-tr...	10.77	281.2	ng/ul	15827200	2	10.39	1125690	20.0
Benzene, 1-chloro...	11.01	3.7	ng/ul	210321	2	10.39	1125690	20.0
Phenol, 3,4-dichl...	13.30	3.0	ng/ul	204523	3	14.26	1374420	20.0