LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019529.D
Acq On : 28 Mar 2019 05:56
Operator : JU/SJ
Sample : K2069-09DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8DL

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	4.934	323	331	354	rBV	23326847	34972736	100.00%	38.117%
2	6.951	668	674	683	rBV	23763	52921	0.15%	0.058%
3	7.122	698	703	716	rVB	34297	64977	0.19%	0.071%
4	7.469	755	762	772	rBV	834219	1307860	3.74%	1.425%
5	7.622	775	788	807	rBV	15459493	24381821	69.72%	26.574%
6	7.934	832	841	854	rBV	10528730	16588116	47.43%	18.079%
7	8.757	976	981	983	rBV	39332	62305	0.18%	0.068%
8	8.798	983	988	1003	rVB	426689	813989	2.33%	0.887%
9	9.481	1097	1104	1115	rBV3	23278	48382	0.14%	0.053%
10	10.039	1192	1199	1209	rBV3	20255	54609	0.16%	0.060%
11	10.228	1223	1231	1247	rBV	2114415	3493289	9.99%	3.807%
12	10.363	1247	1254	1263	rVV	503714	858646	2.46%	0.936%
13	10.751	1313	1320	1335	rBV	196467	354339	1.01%	0.386%
14	11.016	1359	1365	1377	rBV	42923	113507	0.32%	0.124%
15	12.422	1598	1604	1615	rVB	63933	112811	0.32%	0.123%
16	13.039	1701	1709	1720	rBV	111570	227014	0.65%	0.247%
17	13.680	1812	1818	1831	rBV	70664	146472	0.42%	0.160%
18	13.939	1853	1862	1873	rBV	107629	172481	0.49%	0.188%
19	14.245	1908	1914	1929	rBV2	744785	1164074	3.33%	1.269%
20	15.257	2079	2086	2099	rBV	118585	229017	0.65%	0.250%
21	17.004	2377	2383	2396	rBV	914067	1379680	3.95%	1.504%
22	17.110	2396	2401	2421	rVB2	127967	254785	0.73%	0.278%
23	19.415	2787	2793	2803	rBV2	189143	305500	0.87%	0.333%
24	21.209	3093	3098	3110	rBV	1354977	1905404	5.45%	2.077%
25	23.274	3444	3449	3458	rVB2	287388	533254	1.52%	0.581%
26	23.415	3467	3473	3485	rVB2	1143862	2153385	6.16%	2.347%

Sum of corrected areas: 91751374

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
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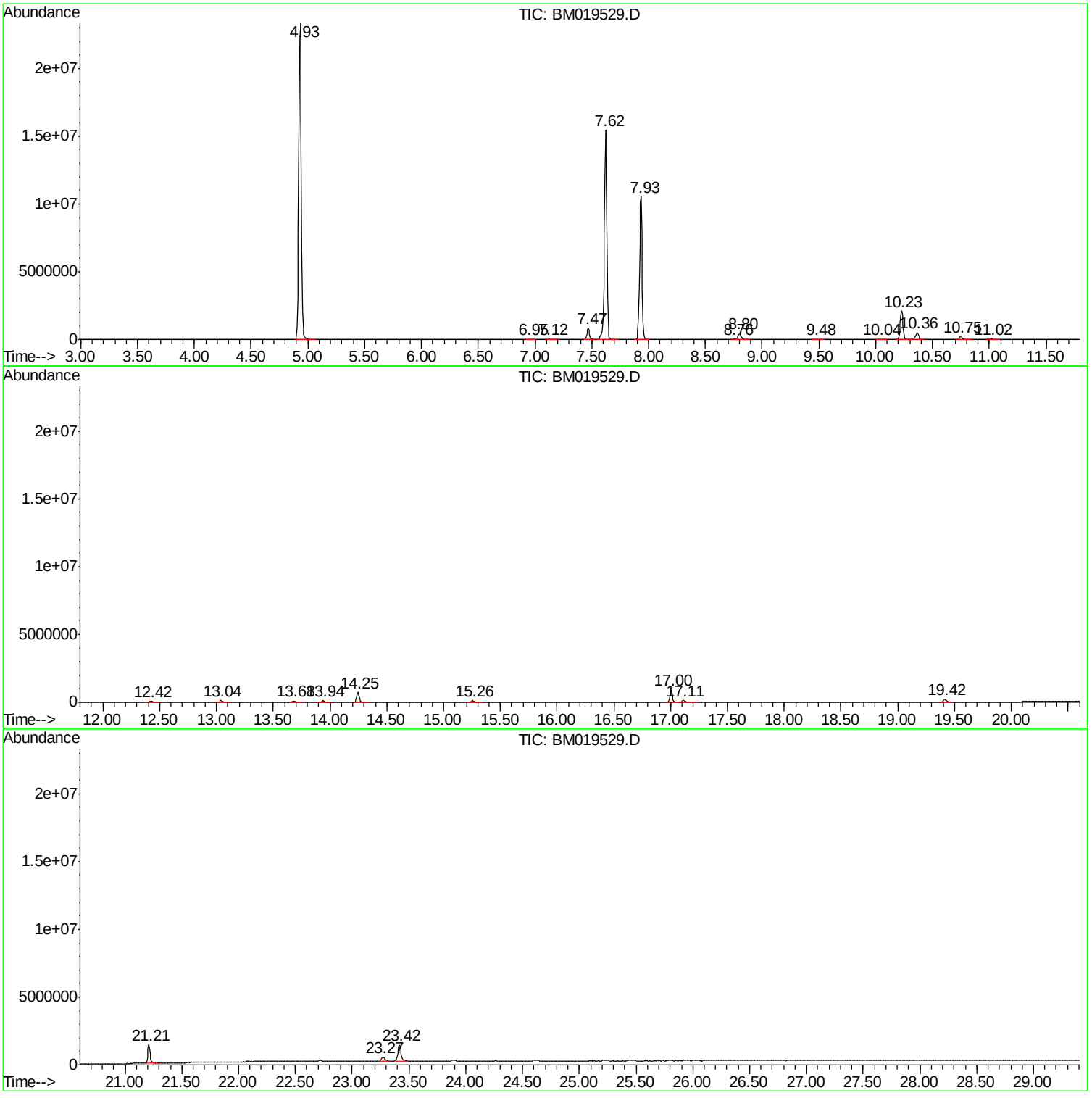
Acq On : 28 Mar 2019 05:56
Operator : JU/SJ
Sample : K2069-09DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09D8DL

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\BM032719\
Data File : BM019529.D
Acq On : 28 Mar 2019 05:56
Operator : JU/SJ
Sample : K2069-09DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8DL

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

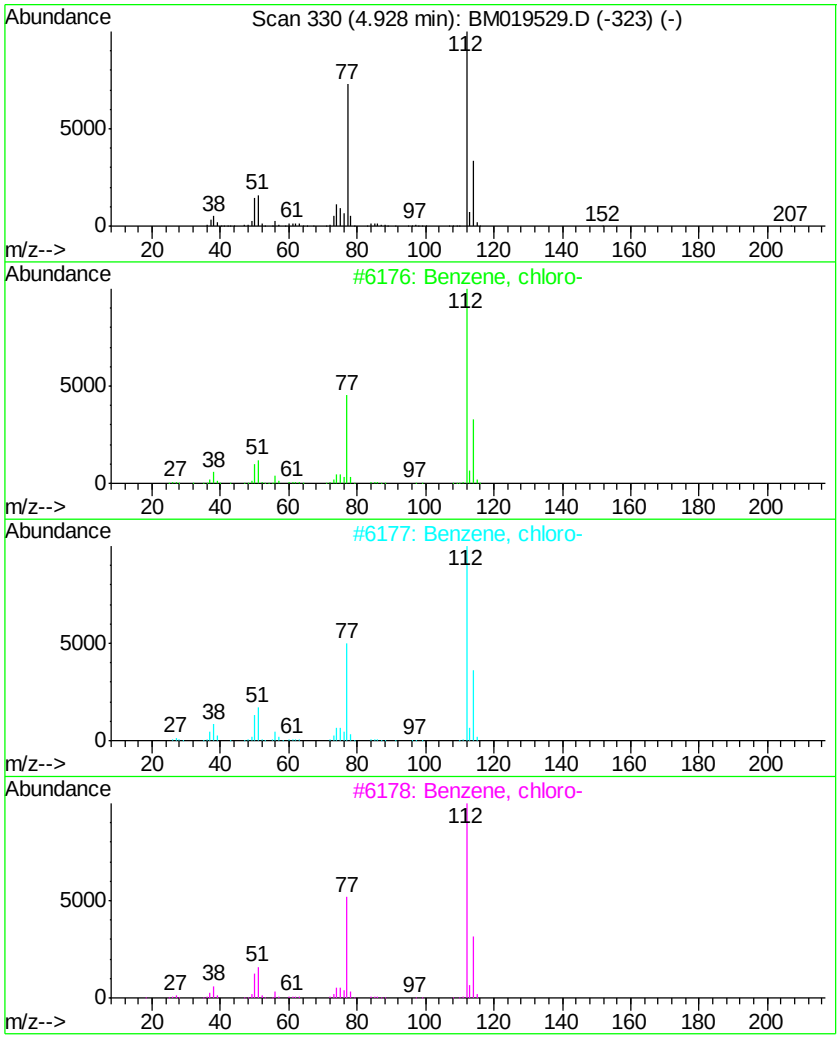
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

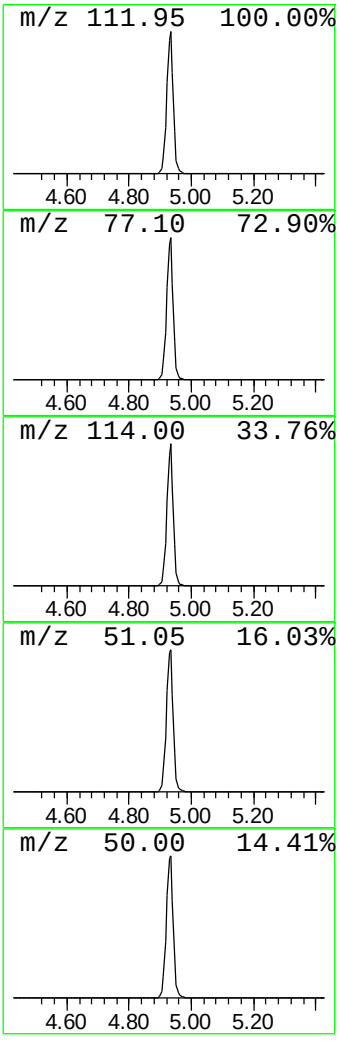
****

Peak Number 1 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	28.69 ng/ul	34972700	1,4-Dichlorobenzene-d4	7.58

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	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019529.D
Acq On : 28 Mar 2019 05:56
Operator : JU/SJ
Sample : K2069-09DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8DL

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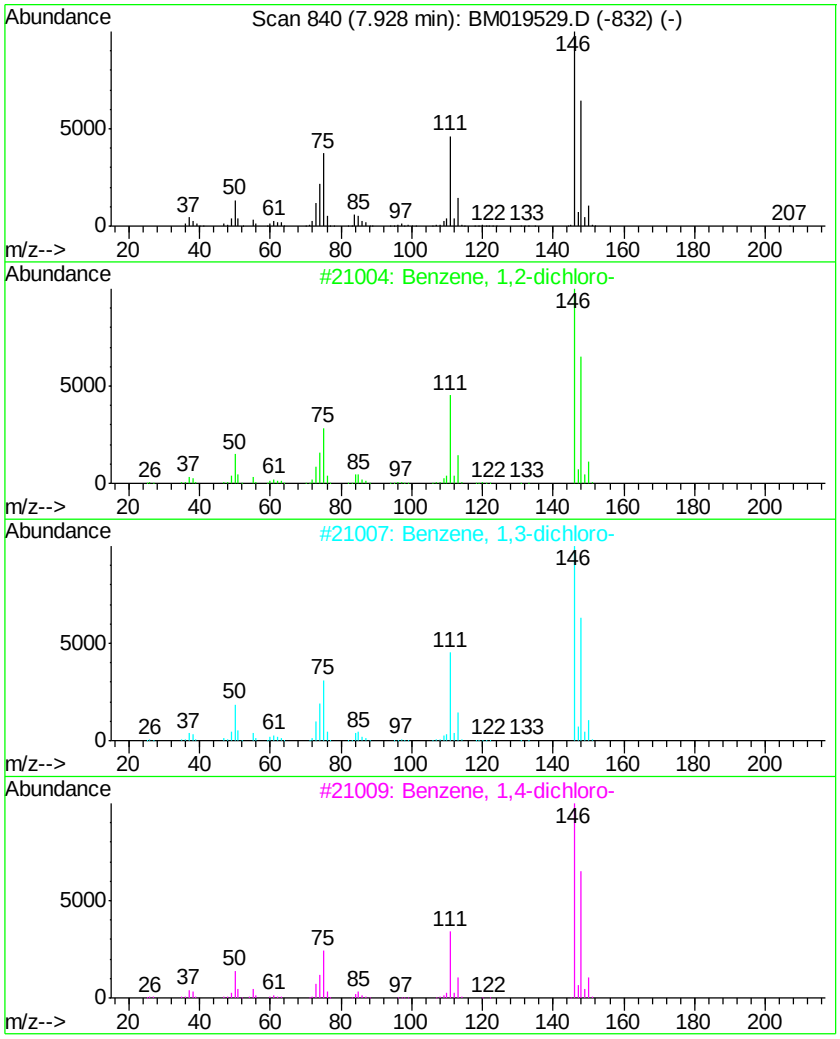
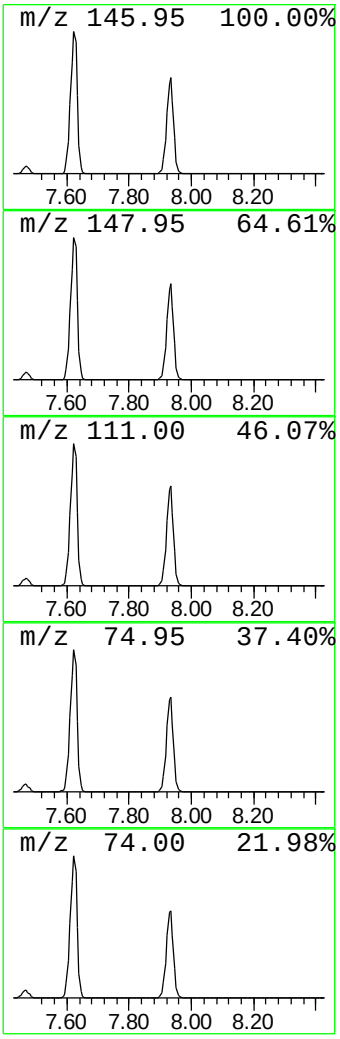
Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	13.61 ng/ul	16588100	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019529.D
Acq On : 28 Mar 2019 05:56
Operator : JU/SJ
Sample : K2069-09DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8DL

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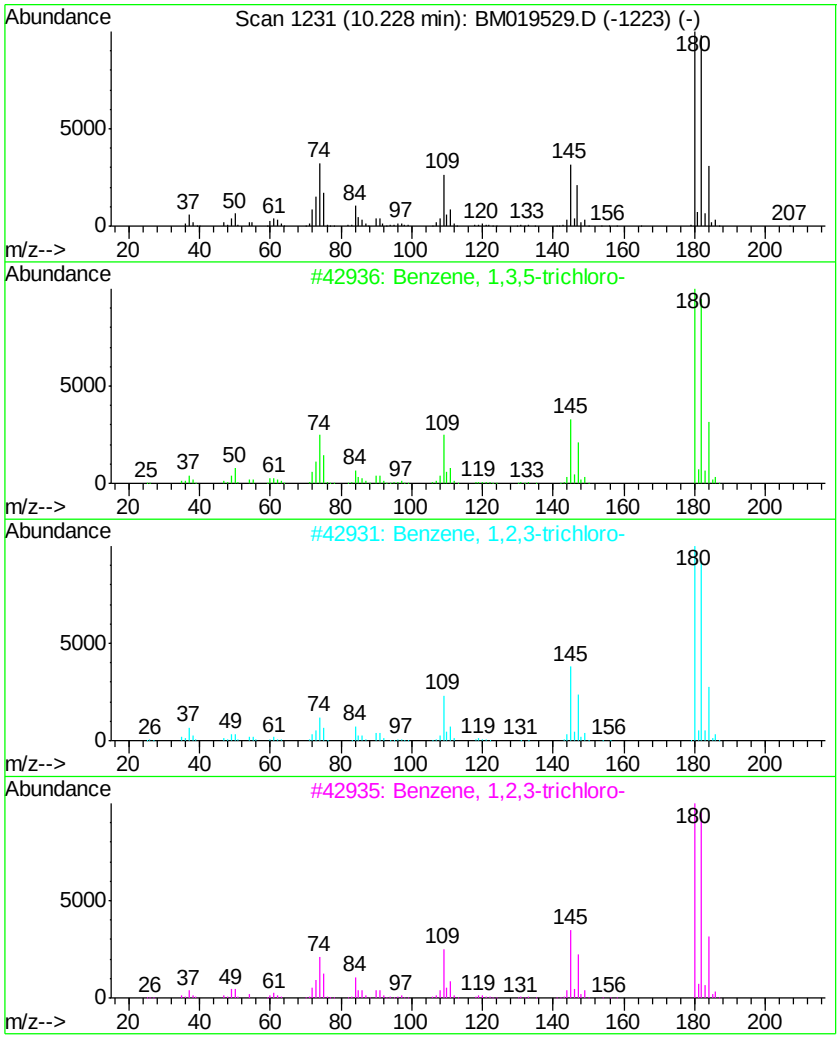
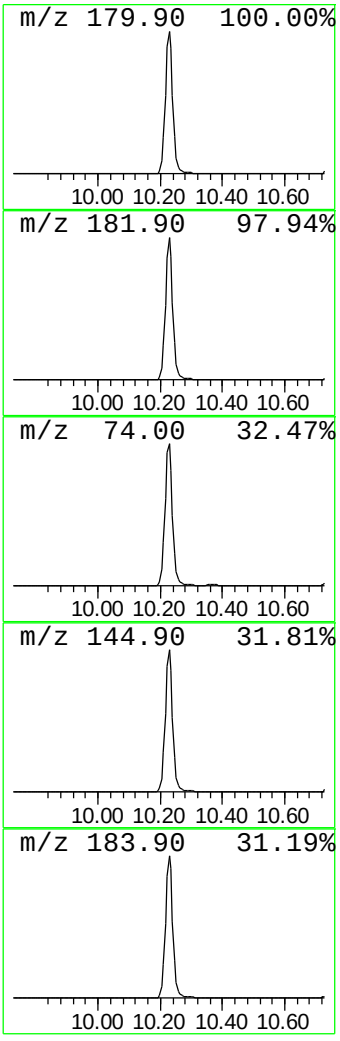
Peak Number 3 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	81.37 ng/ul	3493290	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, 1,2,3-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	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019529.D
Acq On : 28 Mar 2019 05:56
Operator : JU/SJ
Sample : K2069-09DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8DL

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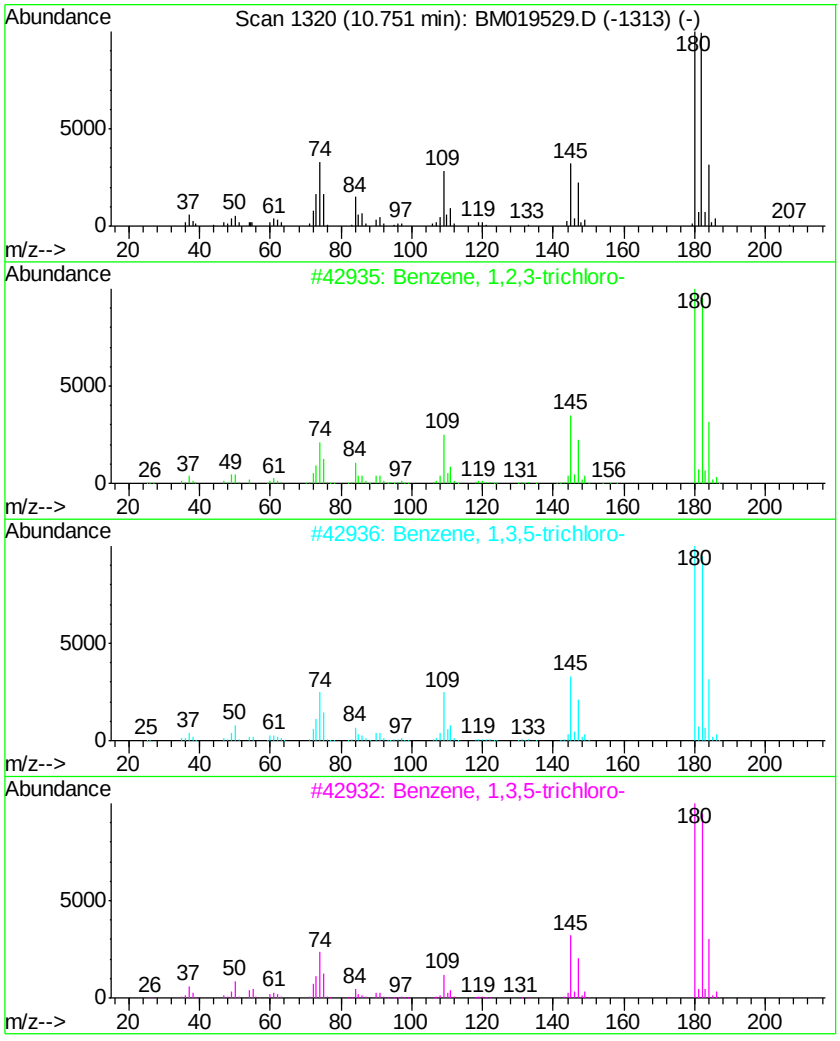
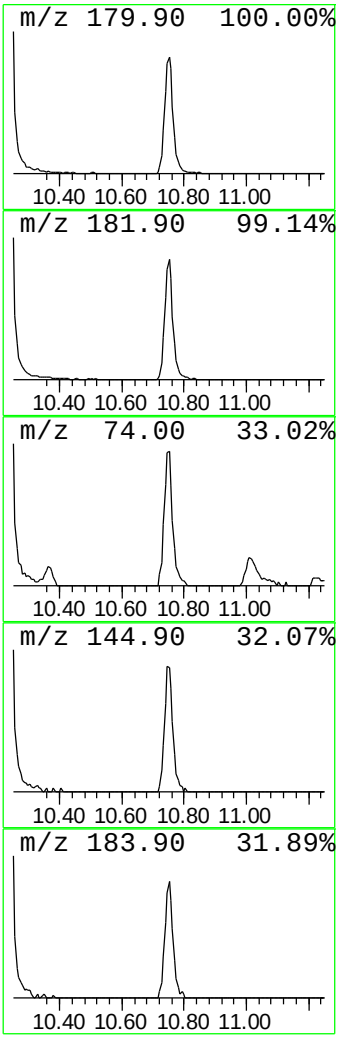
Peak Number 4 Benzene, 1,2,3-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	8.25 ng/ul	354339	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	97
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019529.D
Acq On : 28 Mar 2019 05:56
Operator : JU/SJ
Sample : K2069-09DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D8DL

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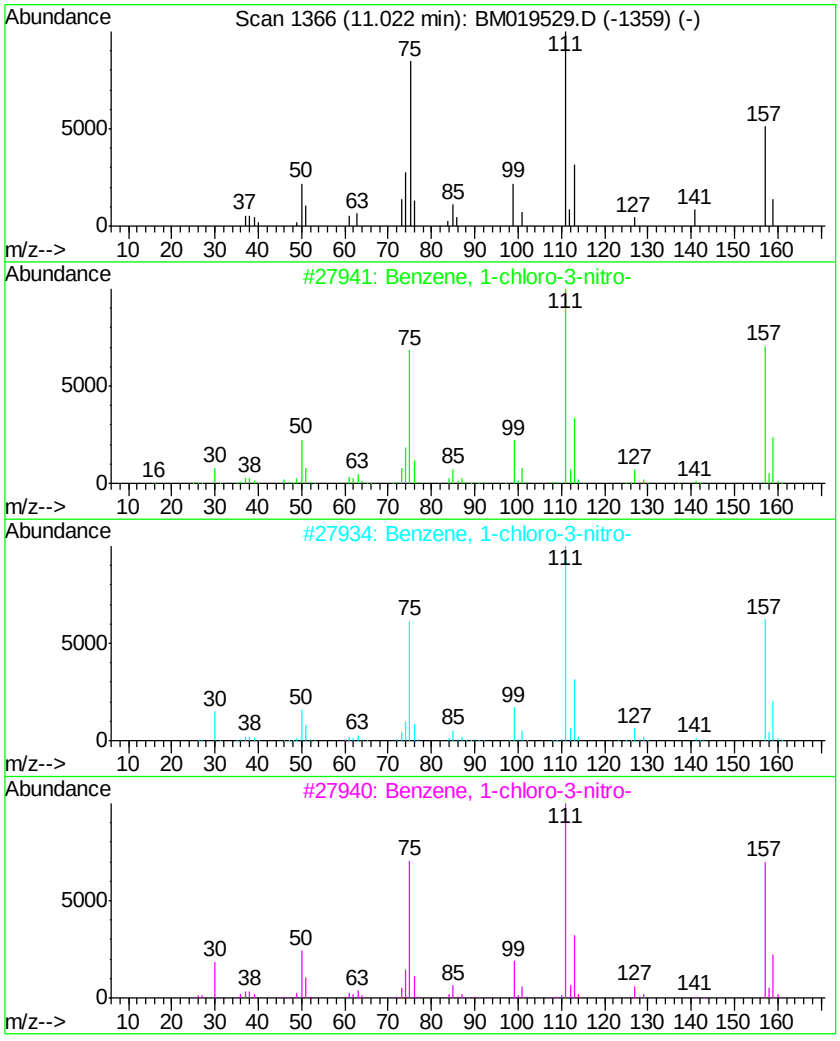
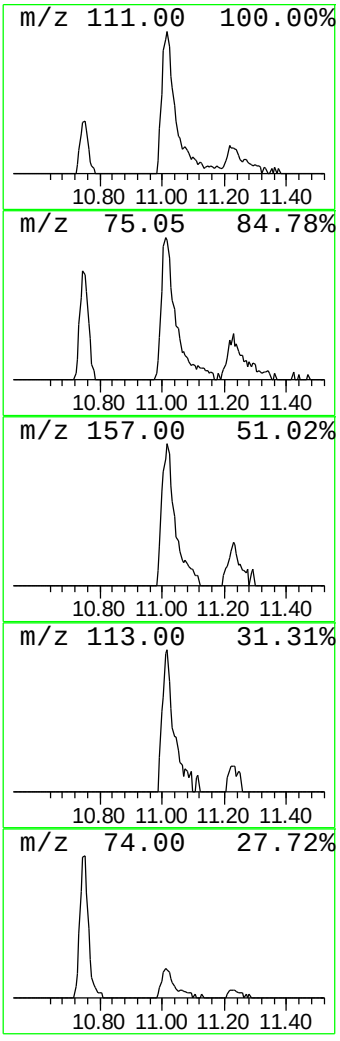
Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.64 ng/ul	113507	Naphthalene-d8	10.36

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	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	87





Tentatively Identified Compound (LSC) summary

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Sample : K2069-09DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : C09D8DL

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-	4.93	28.7	ng/ul	34972700	1	7.58	24381800	20.0
Benzene, 1,2-dich...	7.93	13.6	ng/ul	16588100	1	7.58	24381800	20.0
Benzene, 1,3,5-tr...	10.23	81.4	ng/ul	3493290	2	10.36	858646	20.0
Benzene, 1,2,3-tr...	10.75	8.3	ng/ul	354339	2	10.36	858646	20.0
Benzene, 1-chloro...	11.02	2.6	ng/ul	113507	2	10.36	858646	20.0