LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019392.D
Acq On : 24 Mar 2019 15:13
Operator : JU/SJ
Sample : K2027-06DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09C8DL

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	328	334	348	rBV	2516759	3614058	27.76%	9.075%
2	6.975	672	678	683	rBV4	10031	20307	0.16%	0.051%
3	7.151	704	708	715	rVB2	13168	22140	0.17%	0.056%
4	7.493	759	766	779	rBV	497991	763851	5.87%	1.918%
5	7.604	779	785	787	rBV	425895	637384	4.90%	1.601%
6	7.640	787	791	810	rVB	3219221	5097658	39.16%	12.801%
7	7.957	837	845	864	rBV	8136932	13016879	100.00%	32.687%
8	8.804	983	989	994	rBV4	9989	20037	0.15%	0.050%
9	10.251	1227	1235	1252	rBV	4105546	6524610	50.12%	16.384%
10	10.386	1252	1258	1277	rVB	526472	930929	7.15%	2.338%
11	10.769	1316	1323	1341	rBV	436678	842134	6.47%	2.115%
12	12.404	1596	1601	1604	rBV2	46105	77743	0.60%	0.195%
13	12.439	1604	1607	1621	rVB2	63976	114710	0.88%	0.288%
14	13.051	1704	1711	1726	rBV	713242	1233533	9.48%	3.098%
15	13.710	1818	1823	1835	rBV2	22531	54305	0.42%	0.136%
16	13.963	1861	1866	1873	rBV	42035	67723	0.52%	0.170%
17	14.269	1909	1918	1932	rBV2	705739	1189455	9.14%	2.987%
18	14.598	1968	1974	1982	rBV2	21080	38398	0.29%	0.096%
19	15.286	2083	2091	2101	rBV3	44398	105084	0.81%	0.264%
20	17.027	2380	2387	2400	rBV	853673	1373364	10.55%	3.449%
21	17.139	2401	2406	2417	rVB	38963	93530	0.72%	0.235%
22	19.439	2793	2797	2810	rBV	71526	140961	1.08%	0.354%
23	21.227	3096	3101	3115	rBV	1219496	1815444	13.95%	4.559%
24	23.303	3450	3454	3461	rVB2	89423	163457	1.26%	0.410%
25	23.439	3471	3477	3495	rBV2	893198	1864792	14.33%	4.683%

Sum of corrected areas: 39822486

LSC Report - Integrated Chromatogram

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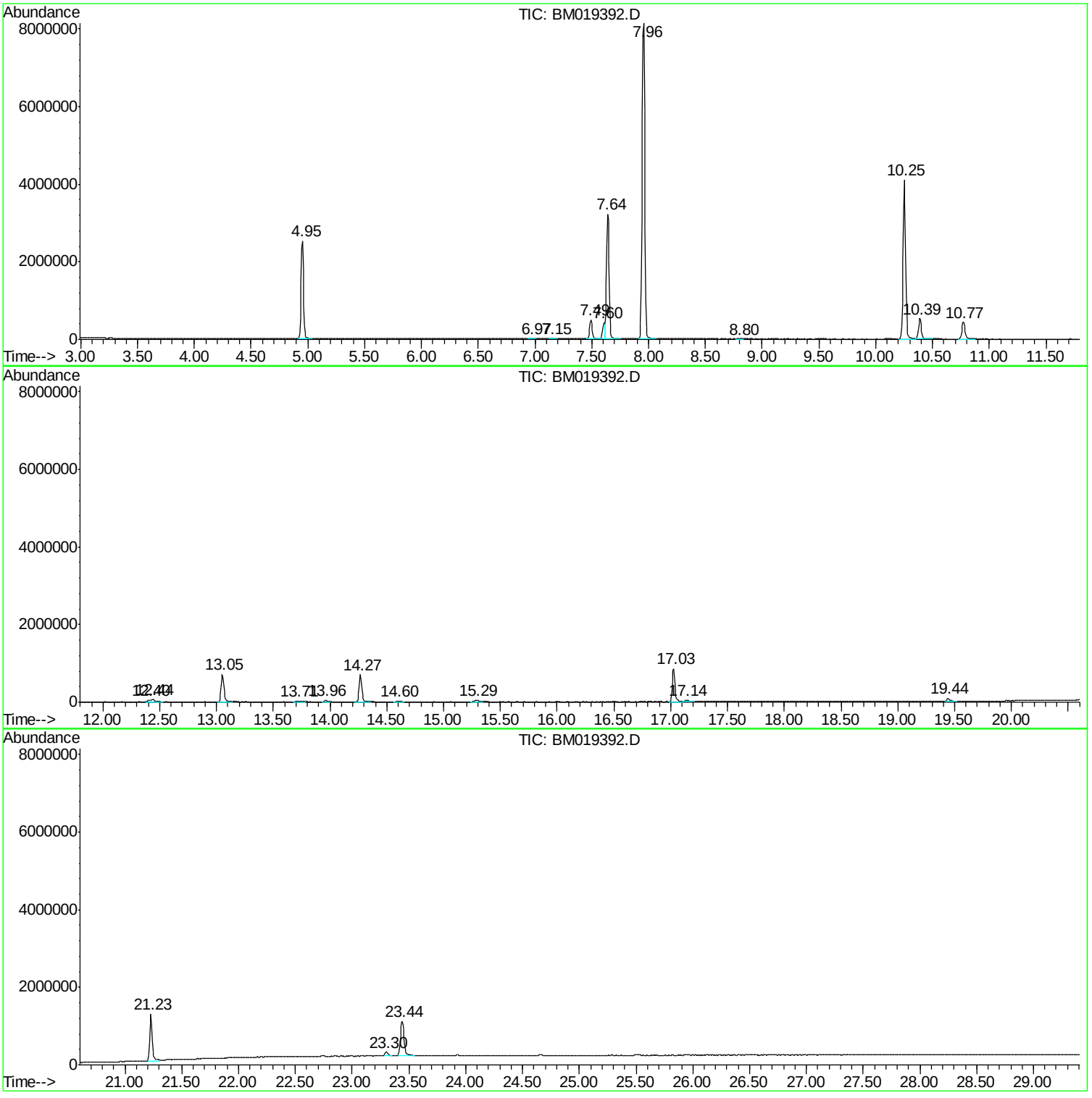
Sample : K2027-06DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09C8DL

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\BM032419\
Data File : BM019392.D
Acq On : 24 Mar 2019 15:13
Operator : JU/SJ
Sample : K2027-06DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09C8DL

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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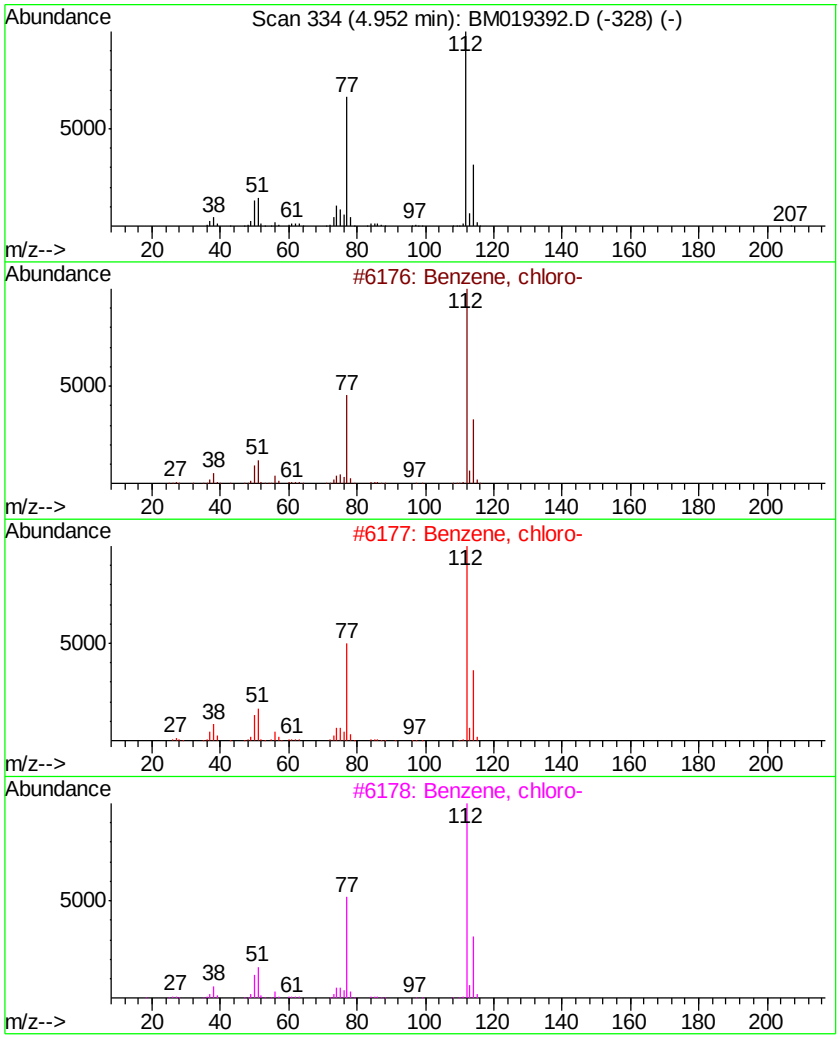
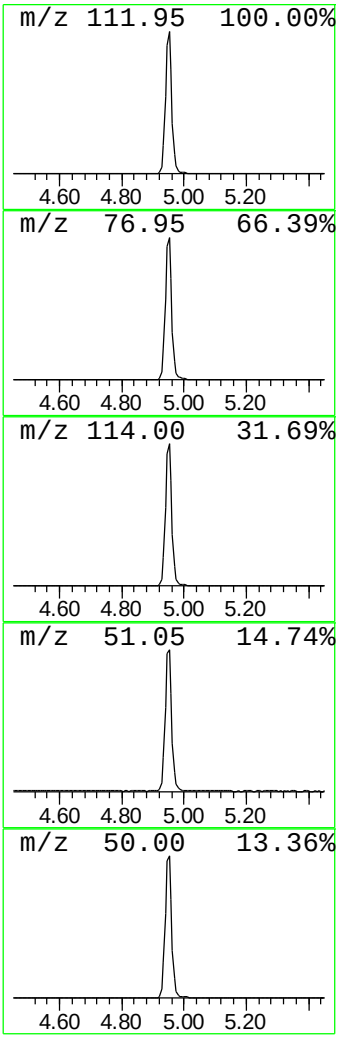
Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	113.40 ng/ul	3614060	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019392.D
Acq On : 24 Mar 2019 15:13
Operator : JU/SJ
Sample : K2027-06DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09C8DL

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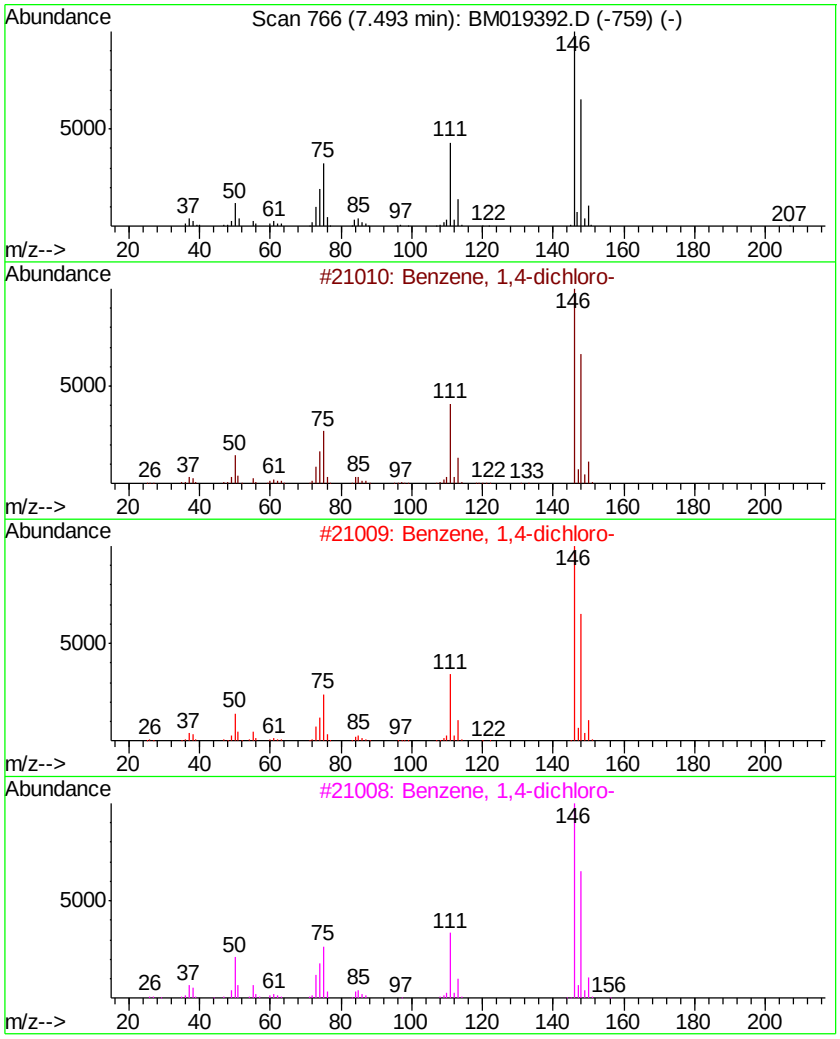
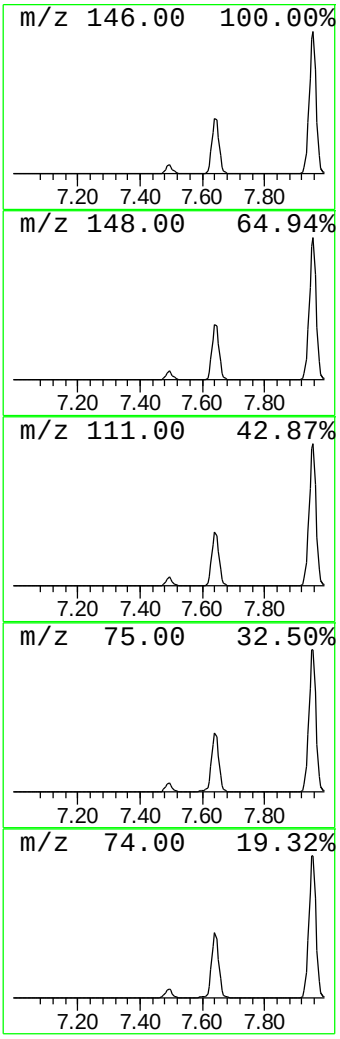
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	23.97 ng/ul	763851	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	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019392.D
Acq On : 24 Mar 2019 15:13
Operator : JU/SJ
Sample : K2027-06DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09C8DL

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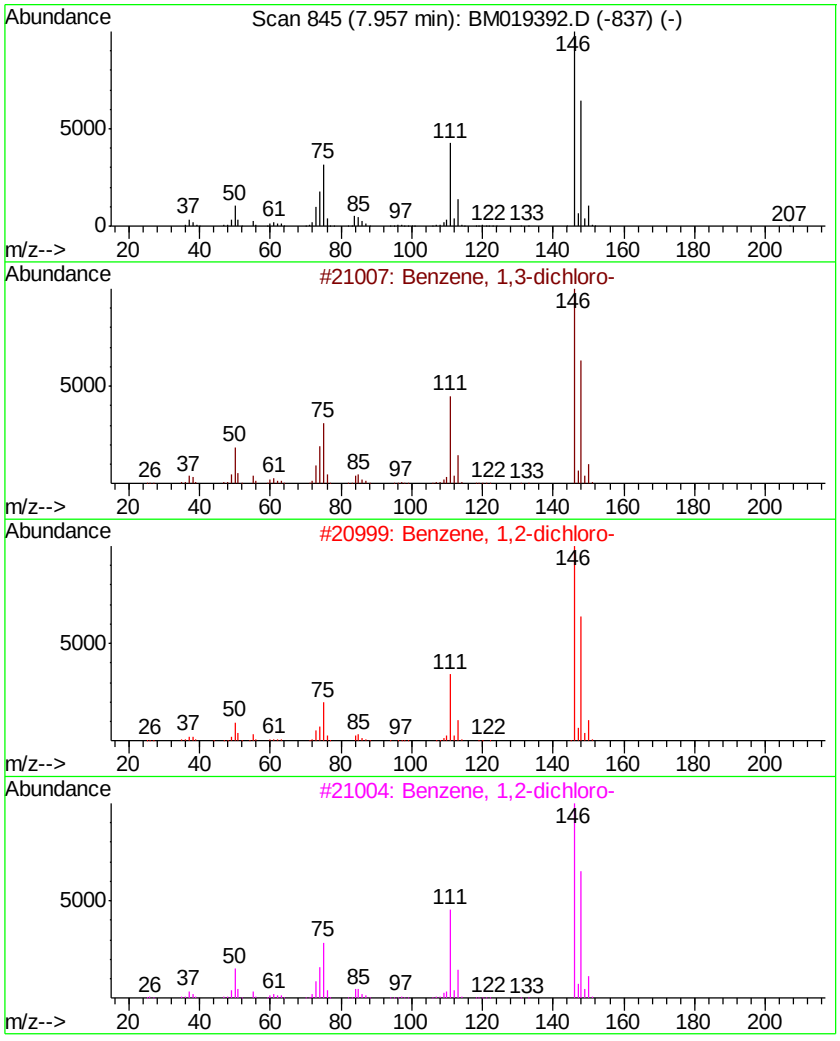
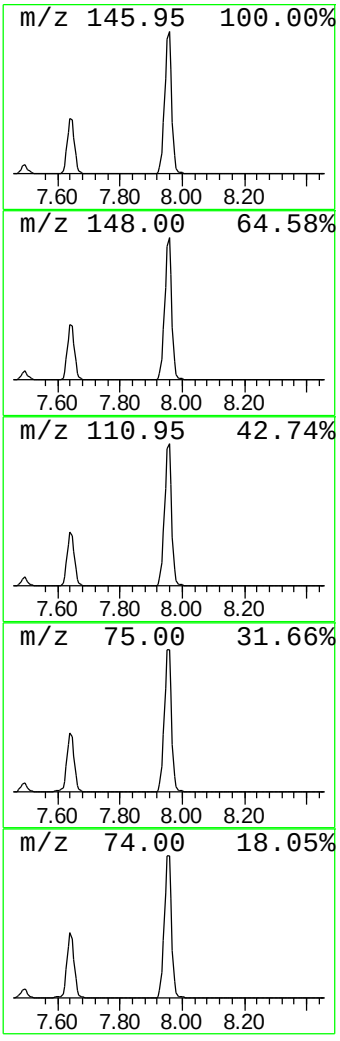
Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	408.45 ng/ul	13016900	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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
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\BM032419\
Data File : BM019392.D
Acq On : 24 Mar 2019 15:13
Operator : JU/SJ
Sample : K2027-06DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09C8DL

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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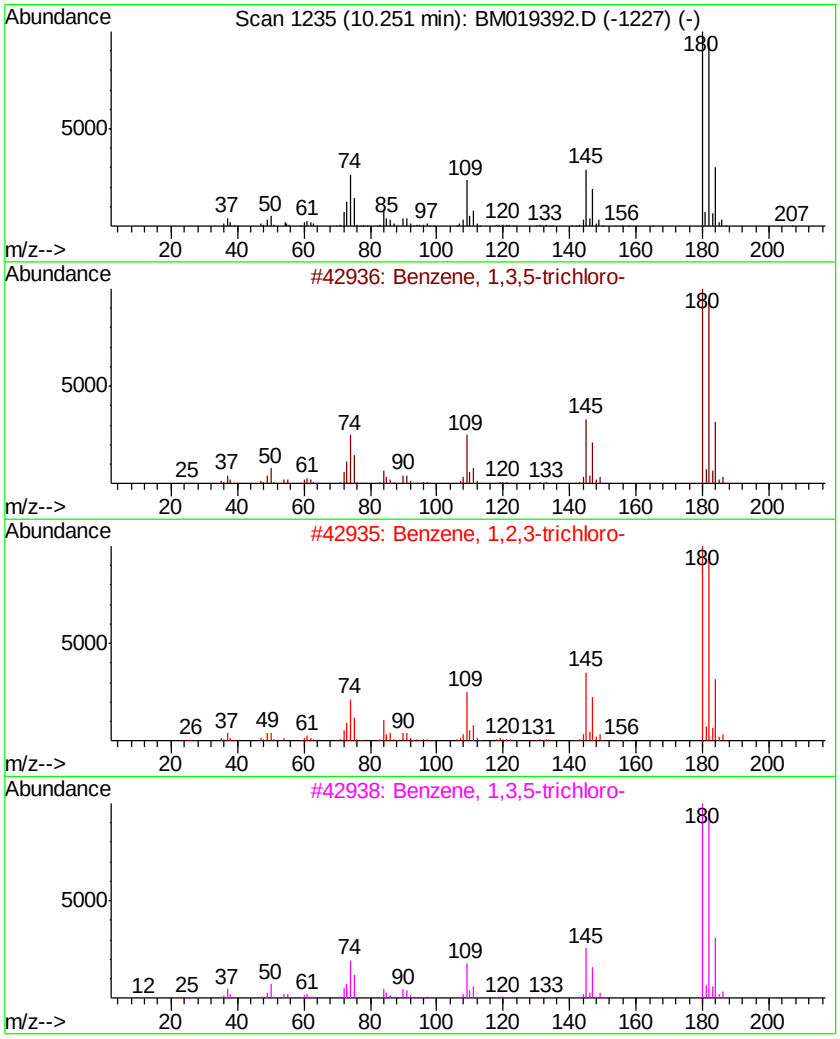
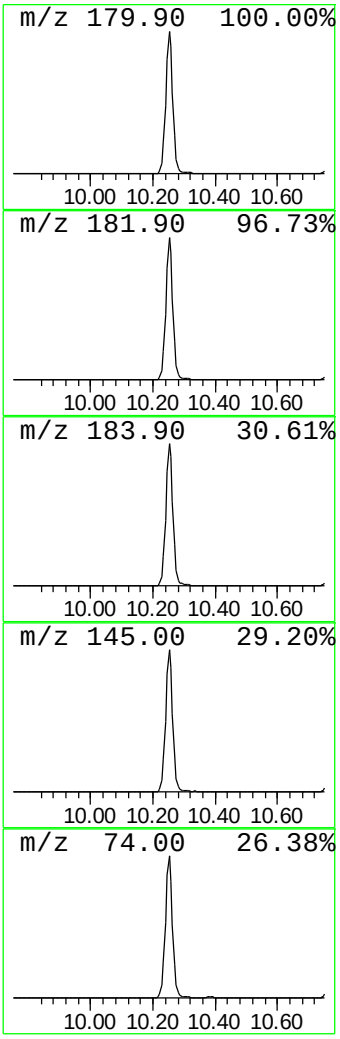
Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	140.17 ng/ul	6524610	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	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
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Acq On : 24 Mar 2019 15:13
Operator : JU/SJ
Sample : K2027-06DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09C8DL

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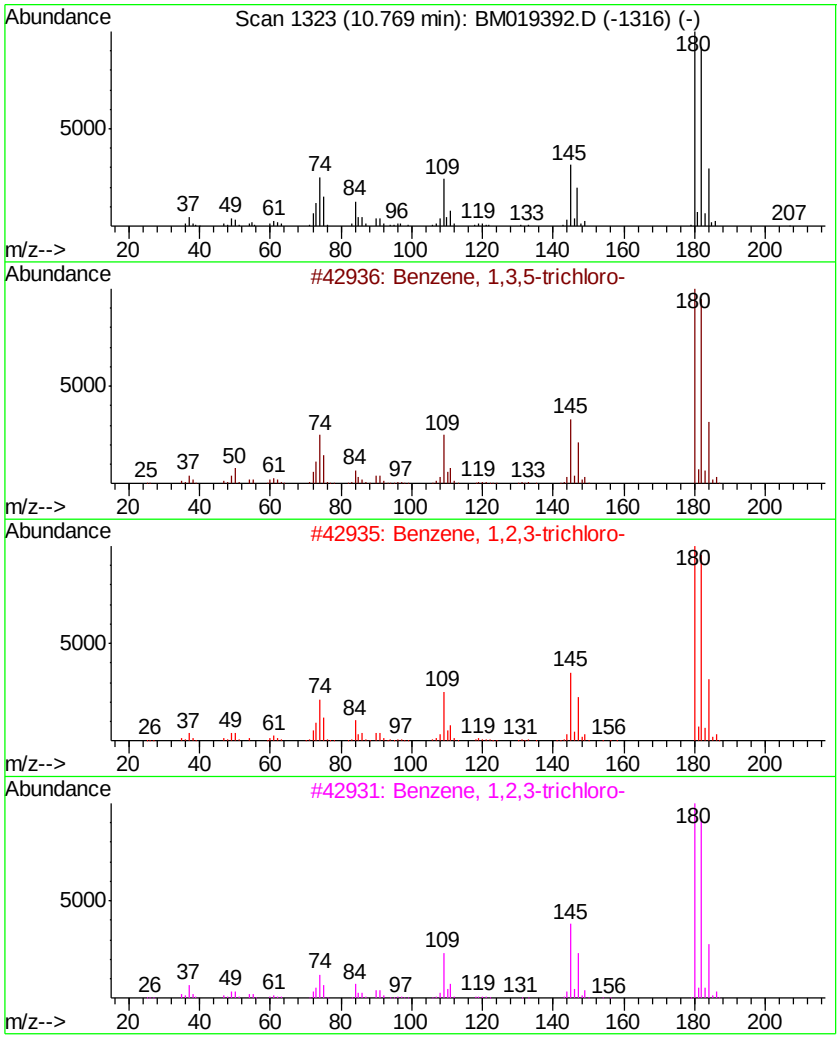
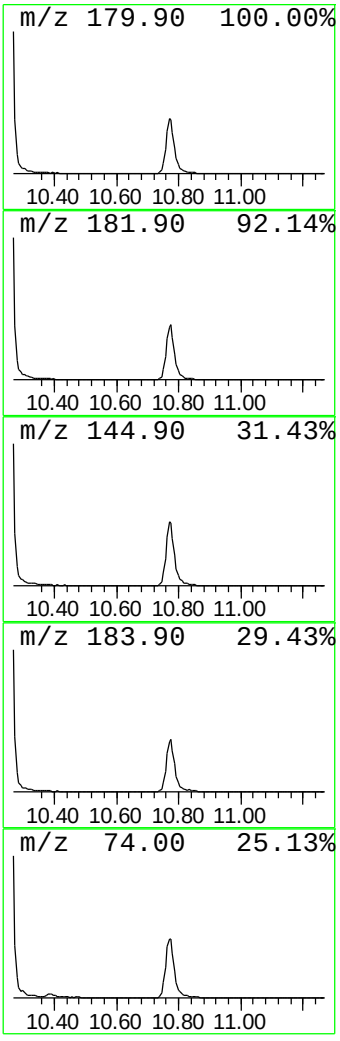
Peak Number 5 Benzene, 1,2,3-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	18.09 ng/ul	842134	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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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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	113.4	ng/ul	3614060	1	7.60	637384	20.0
Benzene, 1,4-dich...	7.49	24.0	ng/ul	763851	1	7.60	637384	20.0
Benzene, 1,3-dich...	7.96	408.4	ng/ul	13016900	1	7.60	637384	20.0
Benzene, 1,3,5-tr...	10.25	140.2	ng/ul	6524610	2	10.39	930929	20.0
Benzene, 1,2,3-tr...	10.77	18.1	ng/ul	842134	2	10.39	930929	20.0