LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022327.D
Acq On : 26 Aug 2019 12:52
Operator : HP/JU
Sample : K4369-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8DL

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-BM082219MA.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	4.916	319	328	346	rBV	12866857	17925634	54.22%	20.309%
2	7.093	693	698	704	rBB	23799	34632	0.10%	0.039%
3	7.434	749	756	765	rBB	1032955	1558070	4.71%	1.765%
4	7.598	770	784	789	rBV	14406447	21956477	66.41%	24.876%
5	7.922	825	839	843	rBV	18857466	33060088	100.00%	37.456%
6	8.722	969	975	978	rBV	30193	49341	0.15%	0.056%
7	8.763	978	982	993	rVB	111561	193054	0.58%	0.219%
8	9.434	1091	1096	1103	rBB2	24655	37351	0.11%	0.042%
9	9.981	1182	1189	1198	rBB	26847	48727	0.15%	0.055%
10	10.192	1216	1225	1237	rBV	5288979	7679040	23.23%	8.700%
11	10.322	1241	1247	1253	rVV	178894	275896	0.83%	0.313%
12	10.704	1304	1312	1327	rBB	1090639	1736956	5.25%	1.968%
13	10.957	1349	1355	1370	rBB	89927	157722	0.48%	0.179%
14	12.369	1585	1595	1602	rBB	76660	128503	0.39%	0.146%
15	12.986	1694	1700	1708	rBV	300630	474962	1.44%	0.538%
16	13.639	1805	1811	1816	rBV	69546	105513	0.32%	0.120%
17	13.898	1849	1855	1864	rBV	87732	122176	0.37%	0.138%
18	14.204	1901	1907	1917	rBV	270843	400058	1.21%	0.453%
19	15.216	2073	2079	2090	rVB	107455	163647	0.49%	0.185%
20	16.968	2371	2377	2389	rBV2	345021	507703	1.54%	0.575%
21	17.074	2389	2395	2404	rVV2	110174	177224	0.54%	0.201%
22	18.351	2608	2612	2617	rBV3	31838	34060	0.10%	0.039%
23	19.380	2781	2787	2794	rBV2	160916	225211	0.68%	0.255%
24	21.180	3089	3093	3102	rBV	381974	541938	1.64%	0.614%
25	23.233	3435	3442	3452	rVB2	93442	215332	0.65%	0.244%
26	23.380	3461	3467	3477	rVB	230344	455252	1.38%	0.516%

Sum of corrected areas: 88264567

LSC Report - Integrated Chromatogram

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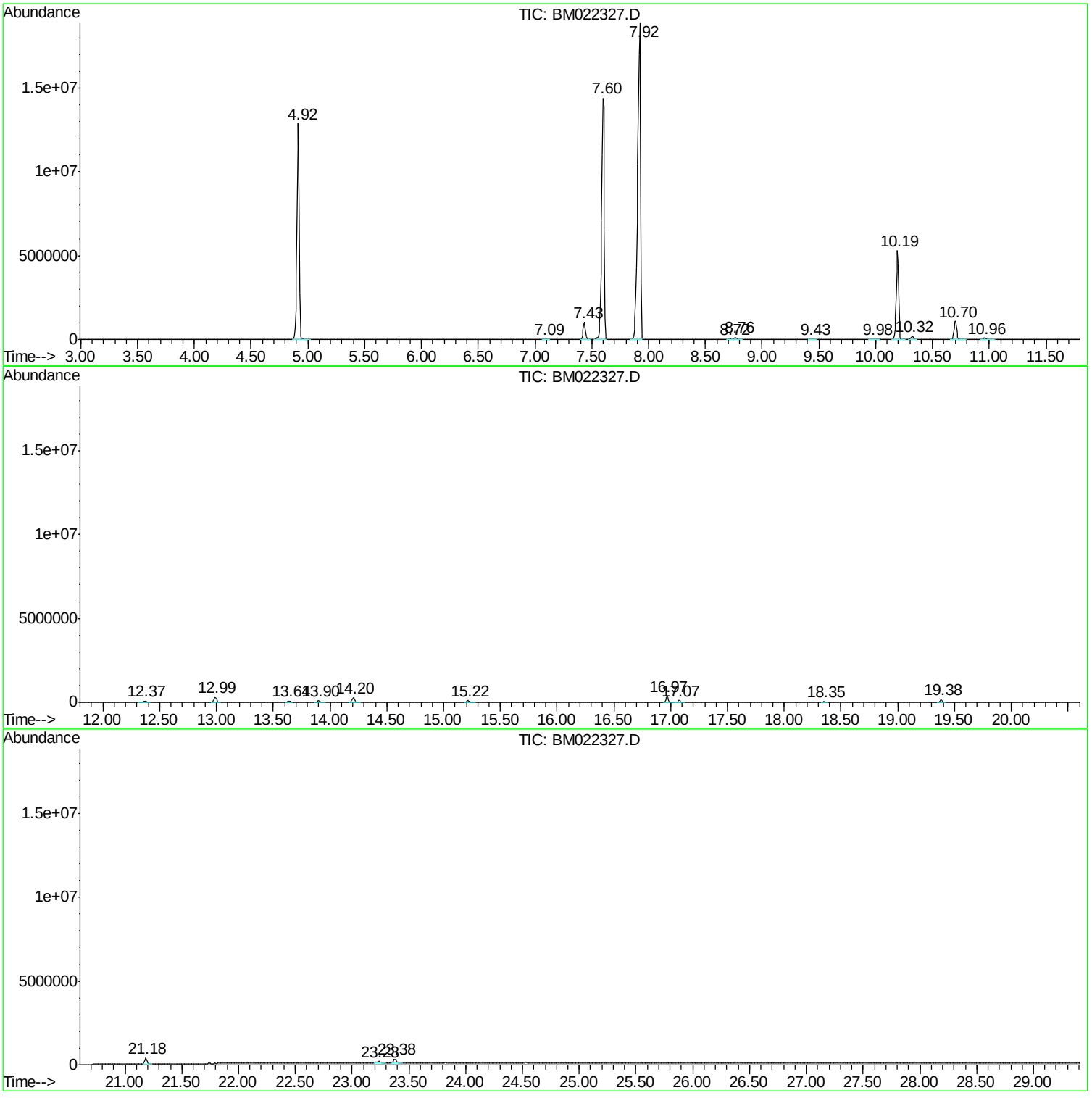
Operator : HP/JU
Sample : K4369-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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\BM082619\
Data File : BM022327.D
Acq On : 26 Aug 2019 12:52
Operator : HP/JU
Sample : K4369-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

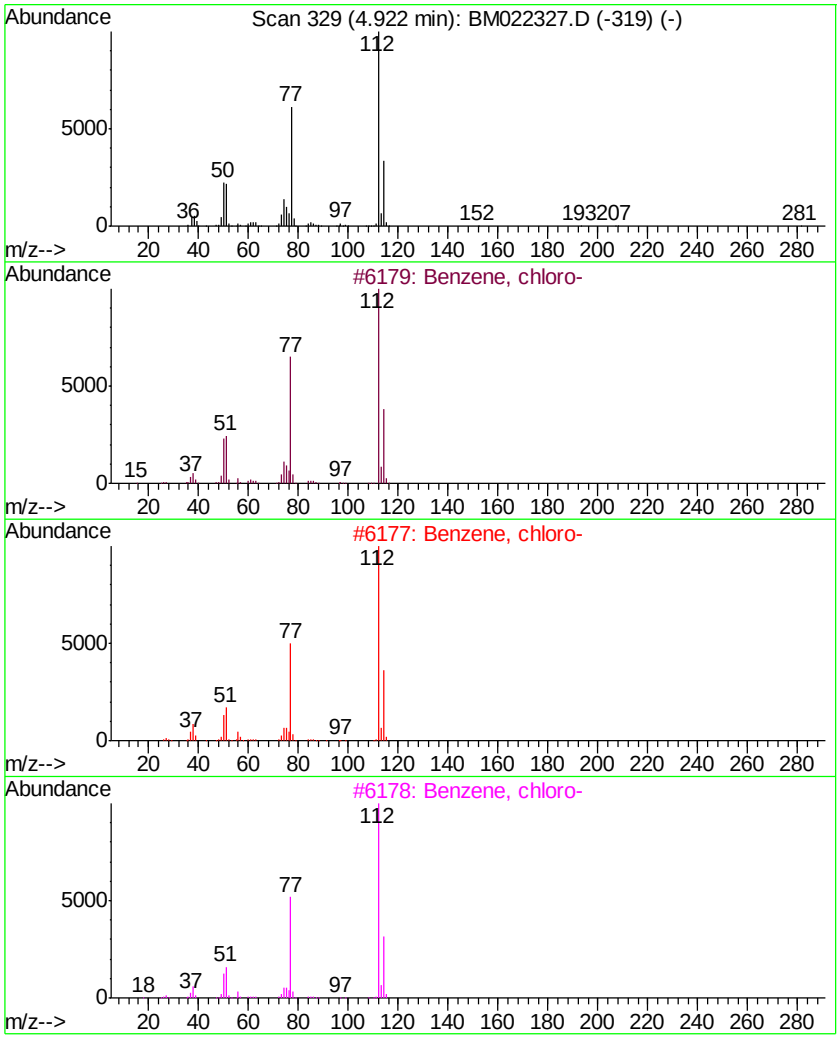
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

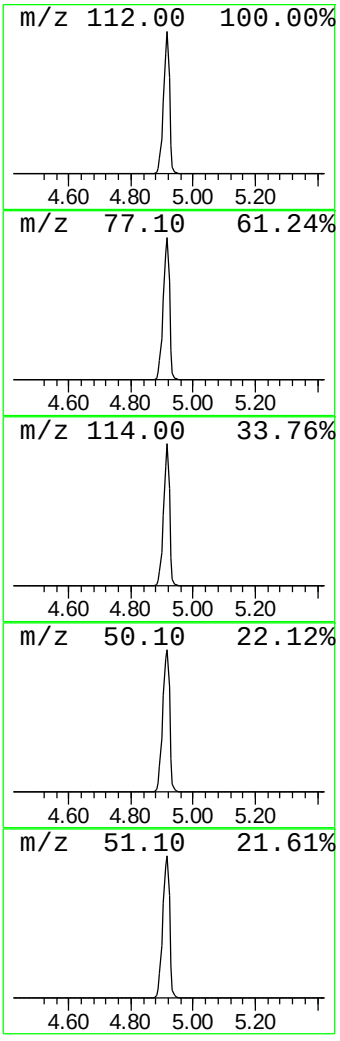
****

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	16.33 ng/ul	17925600	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022327.D
Acq On : 26 Aug 2019 12:52
Operator : HP/JU
Sample : K4369-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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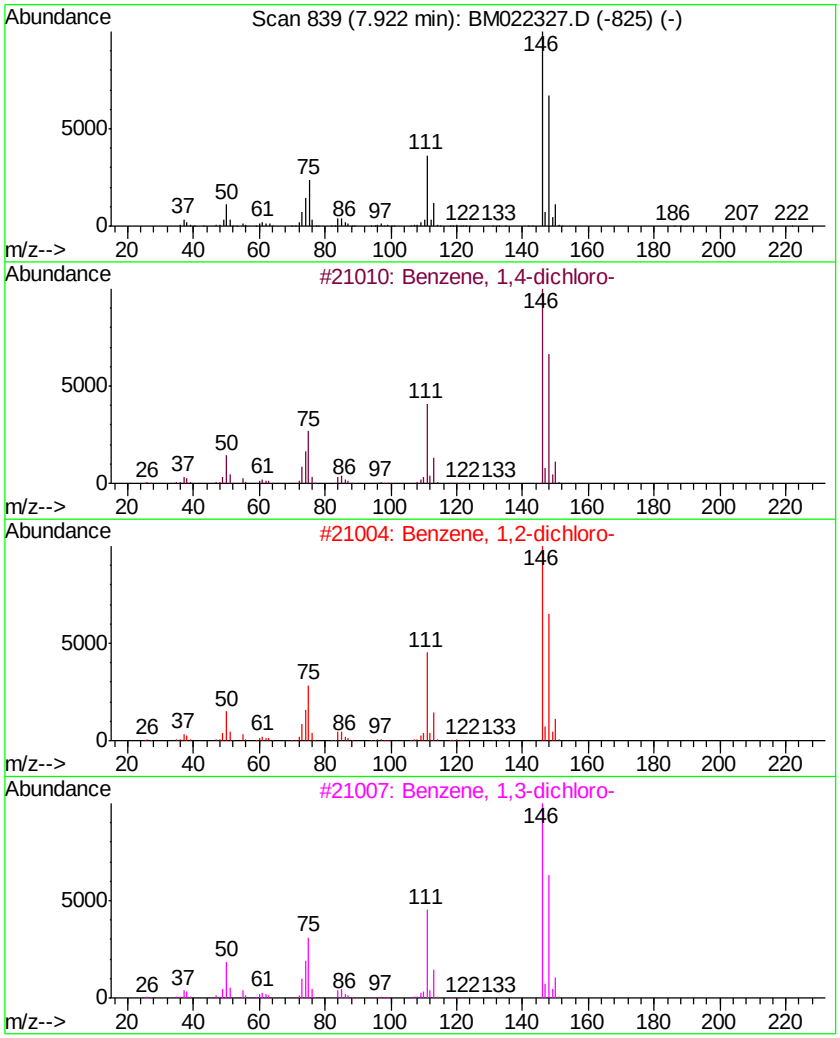
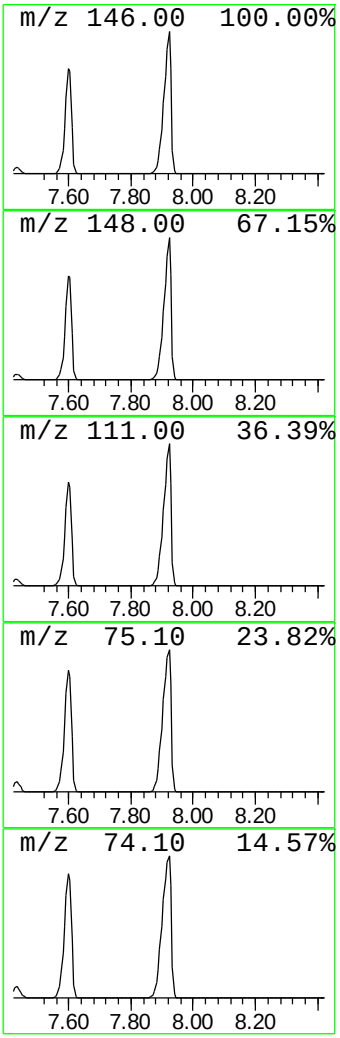
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	30.11 ng/ul	33060100	1,4-Dichlorobenzene-d4	7.55

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022327.D
Acq On : 26 Aug 2019 12:52
Operator : HP/JU
Sample : K4369-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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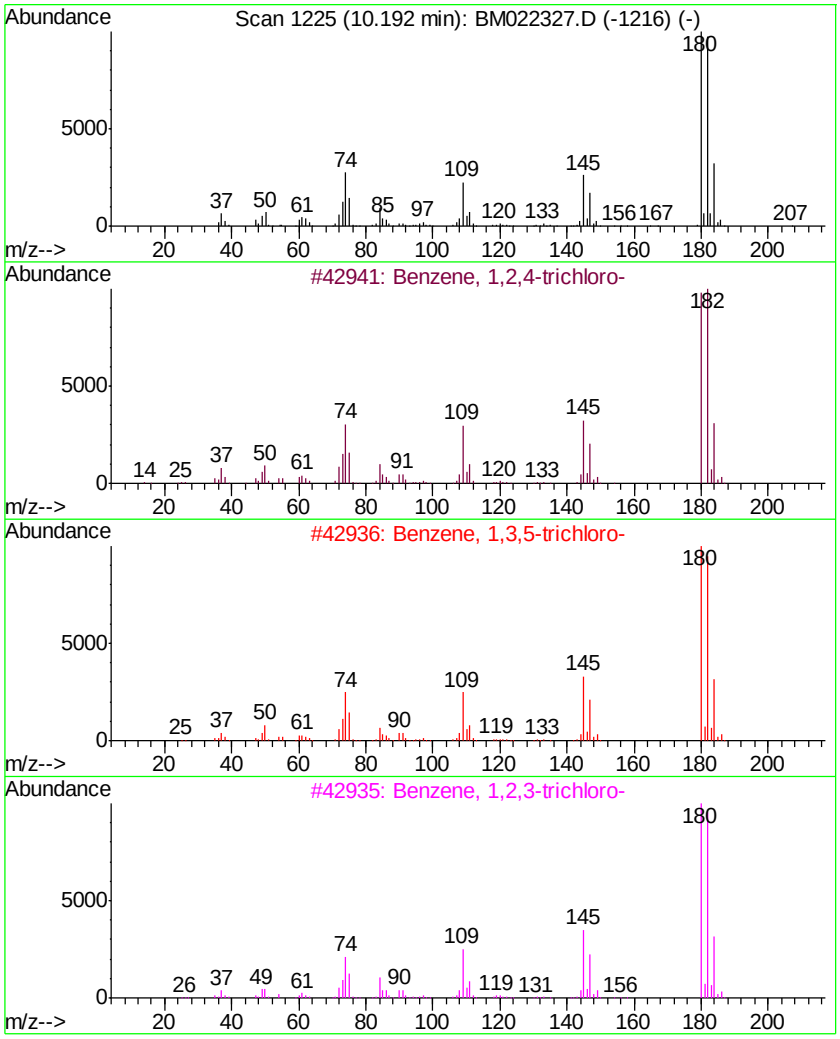
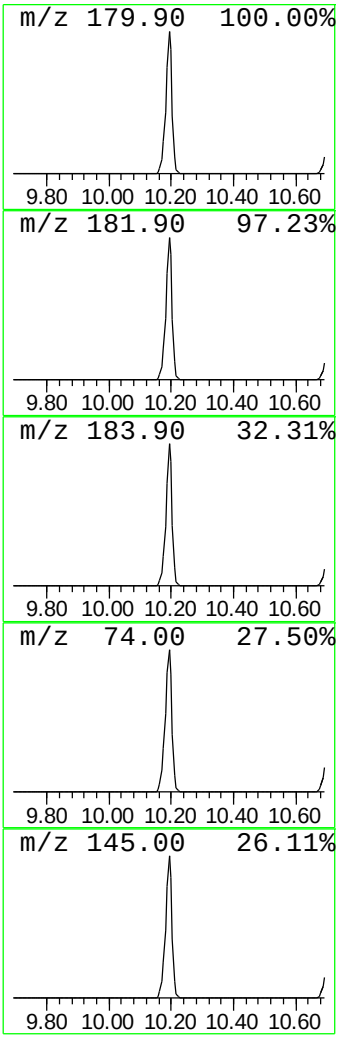
Peak Number 3 Benzene, 1,2,4-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	556.66 ng/ul	7679040	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	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	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Library Search Compound Report

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Data File : BM022327.D
Acq On : 26 Aug 2019 12:52
Operator : HP/JU
Sample : K4369-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

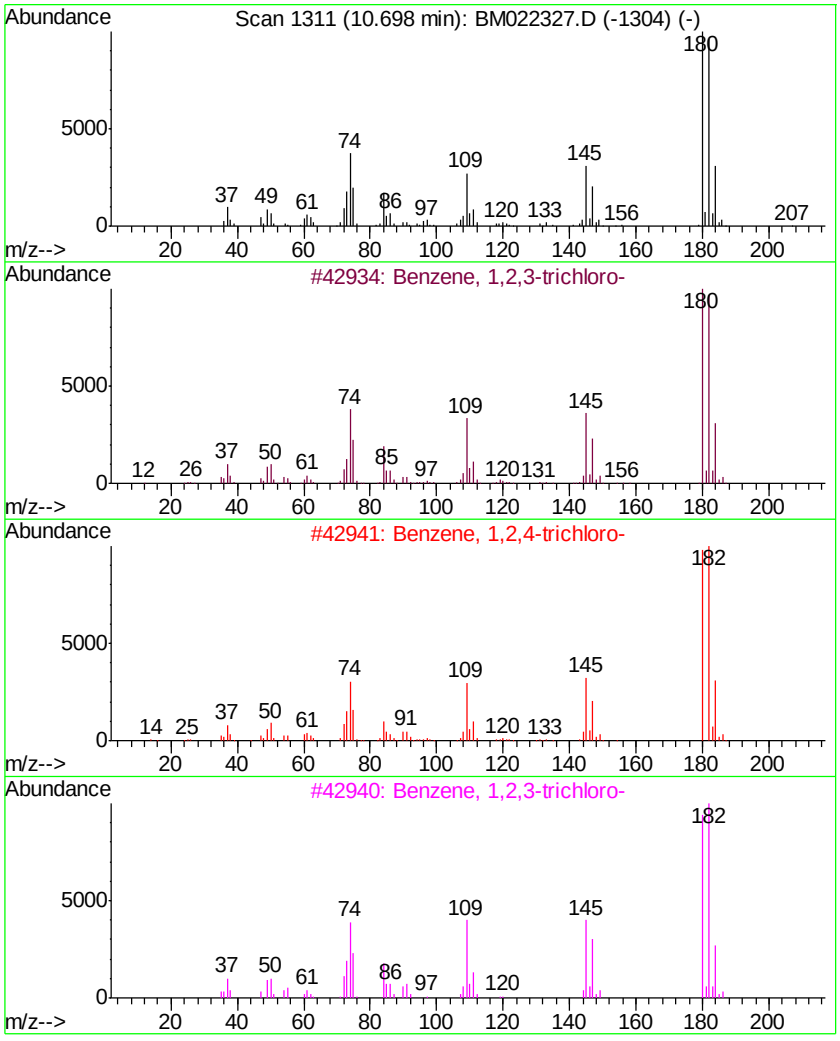
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

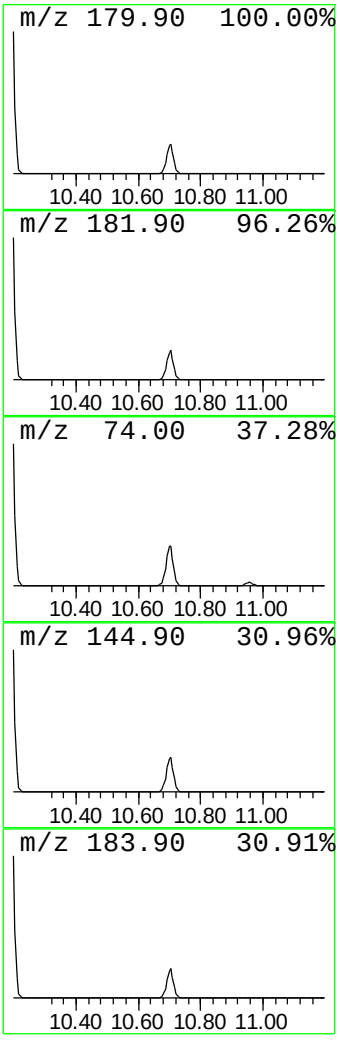
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	125.91 ng/ul	1736960	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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Operator : HP/JU
Sample : K4369-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CD8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

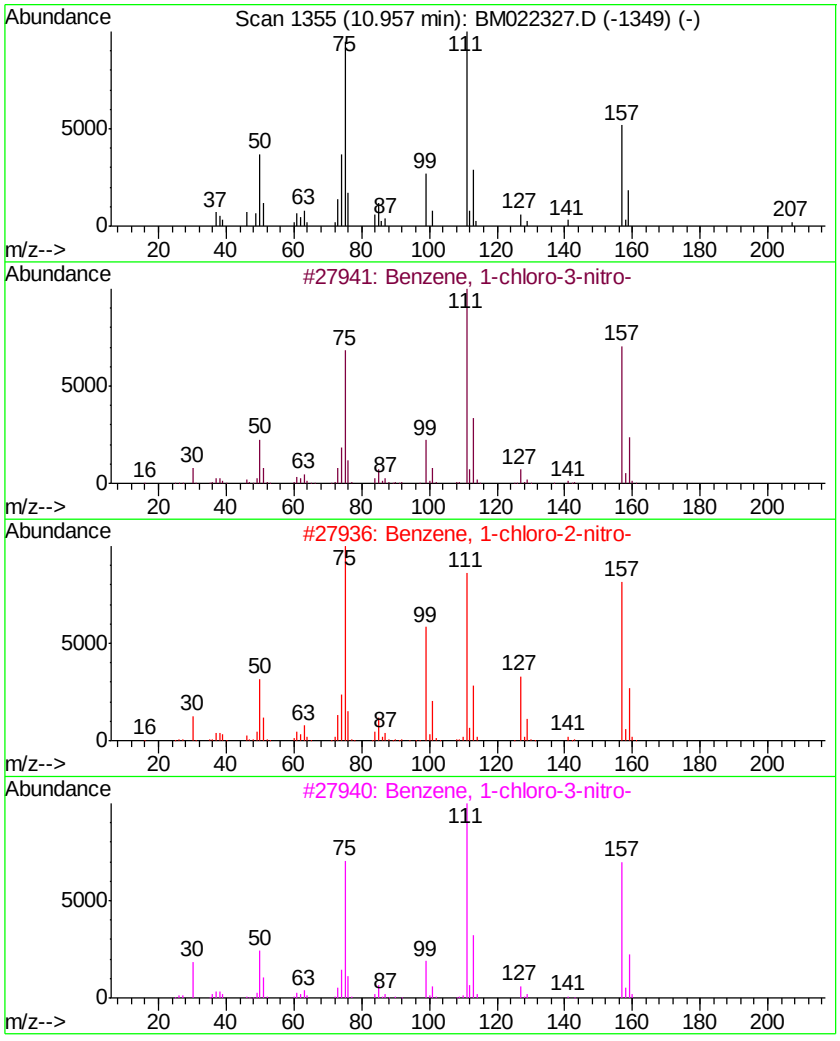
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

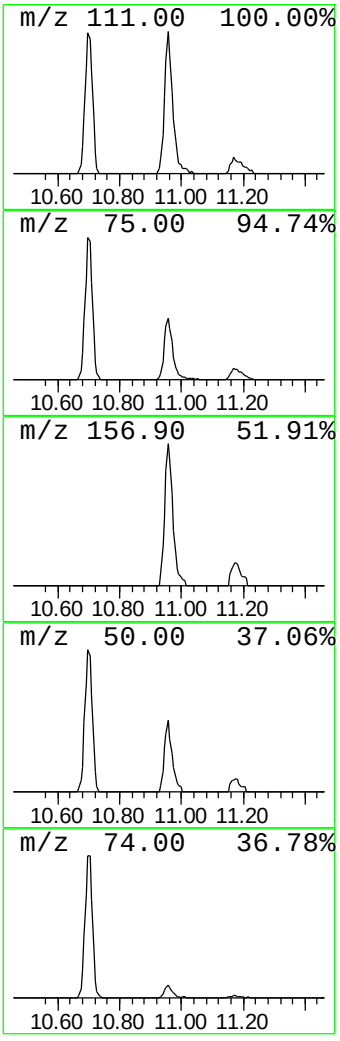
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	11.43 ng/ul	157722	Naphthalene-d8	10.32

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-2-nitro-	157	C6H4ClNO2	000088-73-3	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-3-nitro-	157	C6H4ClNO2	000121-73-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
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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-	4.92	16.3	ng/ul	17925600	1	7.55	21956500	20.0
Benzene, 1,4-dich...	7.92	30.1	ng/ul	33060100	1	7.55	21956500	20.0
Benzene, 1,2,4-tr...	10.19	556.7	ng/ul	7679040	2	10.32	275896	20.0
Benzene, 1,2,3-tr...	10.70	125.9	ng/ul	1736960	2	10.32	275896	20.0
Benzene, 1-chloro...	10.96	11.4	ng/ul	157722	2	10.32	275896	20.0