LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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	4.969	327	337	342	rBV3	45284044	97762301	100.00%	34.228%
2	7.492	759	766	778	rBV	4835332	7522079	7.69%	2.634%
3	7.657	779	794	800	rBV	35475877	66103064	67.62%	23.144%
4	7.975	836	848	853	rBV	35636752	73289367	74.97%	25.660%
5	8.816	986	991	1007	rVB	536357	987788	1.01%	0.346%
6	9.092	1033	1038	1045	rVB	68045	109976	0.11%	0.039%
7	10.257	1227	1236	1251	rBV	13655006	21728658	22.23%	7.608%
8	10.386	1251	1258	1275	rVB	714266	1162540	1.19%	0.407%
9	10.769	1315	1323	1331	rBV	3432551	5664200	5.79%	1.983%
10	11.010	1357	1364	1376	rBV	286520	578238	0.59%	0.202%
11	11.233	1396	1402	1414	rBV2	39503	99507	0.10%	0.035%
12	12.433	1594	1606	1615	rBV	122012	238094	0.24%	0.083%
13	13.051	1704	1711	1723	rBV	457669	757887	0.78%	0.265%
14	13.686	1814	1819	1829	rBV	90705	163716	0.17%	0.057%
15	13.957	1858	1865	1873	rBV	128332	200876	0.21%	0.070%
16	14.263	1910	1917	1930	rBV2	973675	1497672	1.53%	0.524%
17	15.263	2082	2087	2101	rBV	162781	273489	0.28%	0.096%
18	17.021	2380	2386	2398	rBV	1189499	1742725	1.78%	0.610%
19	17.121	2398	2403	2415	rVB	161325	276011	0.28%	0.097%
20	18.398	2615	2620	2628	rVB	383847	488634	0.50%	0.171%
21	19.427	2790	2795	2806	rBV	229763	341686	0.35%	0.120%
22	21.221	3095	3100	3114	rBV	1418759	2071285	2.12%	0.725%
23	23.297	3448	3453	3462	rVB3	267695	465907	0.48%	0.163%
24	23.438	3471	3477	3490	rVB	1127377	2093653	2.14%	0.733%

Sum of corrected areas: 285619353

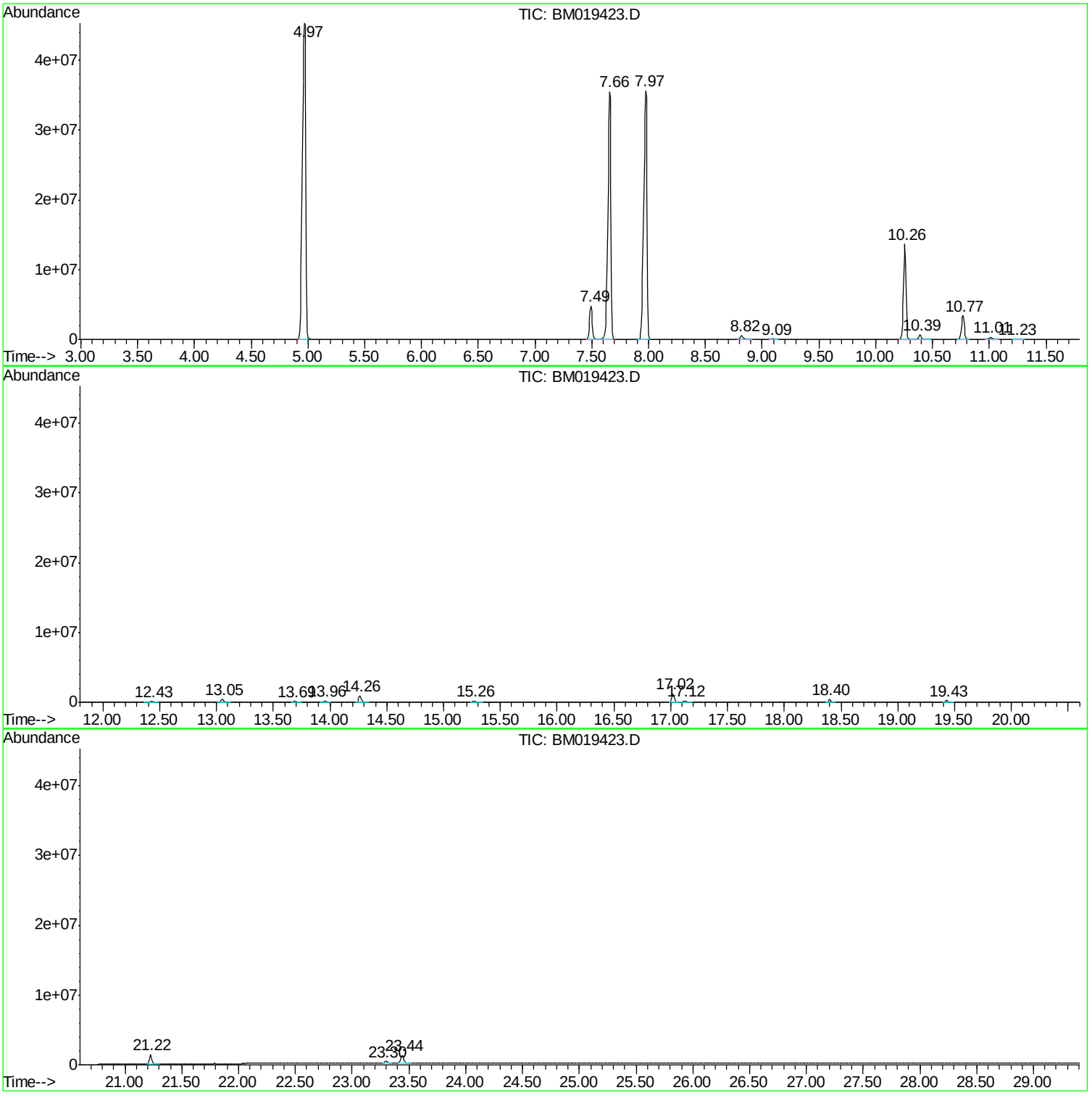
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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

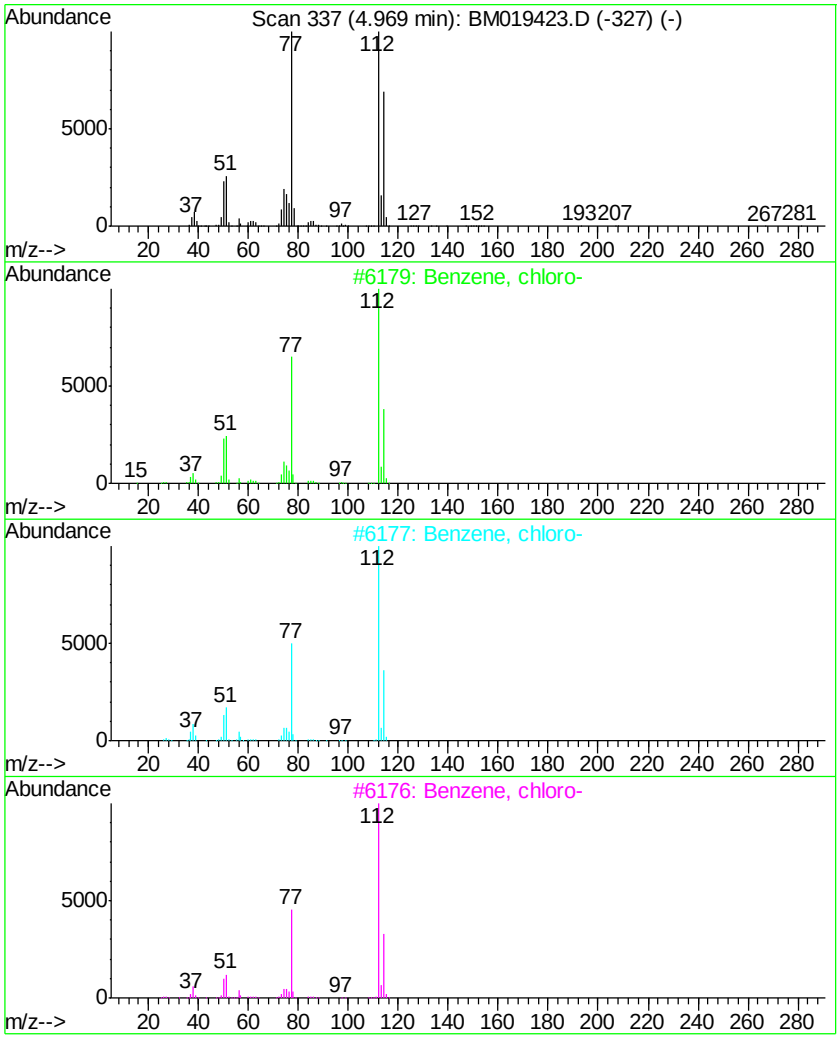
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

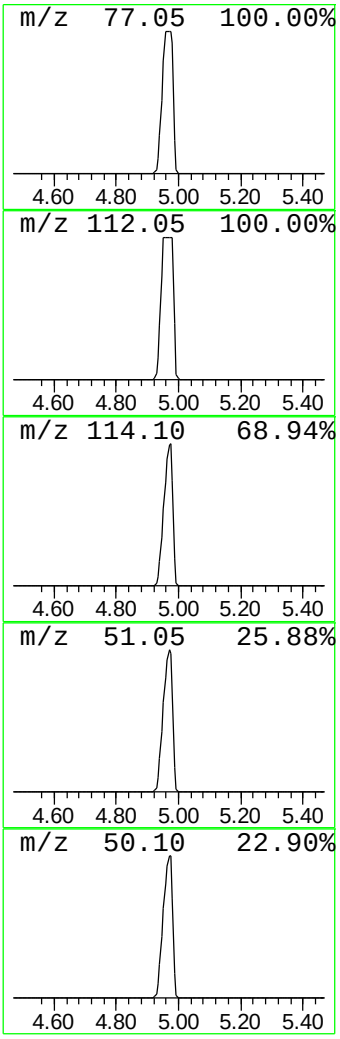
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	29.58 ng/ul	97762300	1,4-Dichlorobenzene-d4	7.61

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	87
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	86
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	86
5	Cevane-3,4,6,7,14,15,16,20-octol...	793	C41H63NO14	000143-57-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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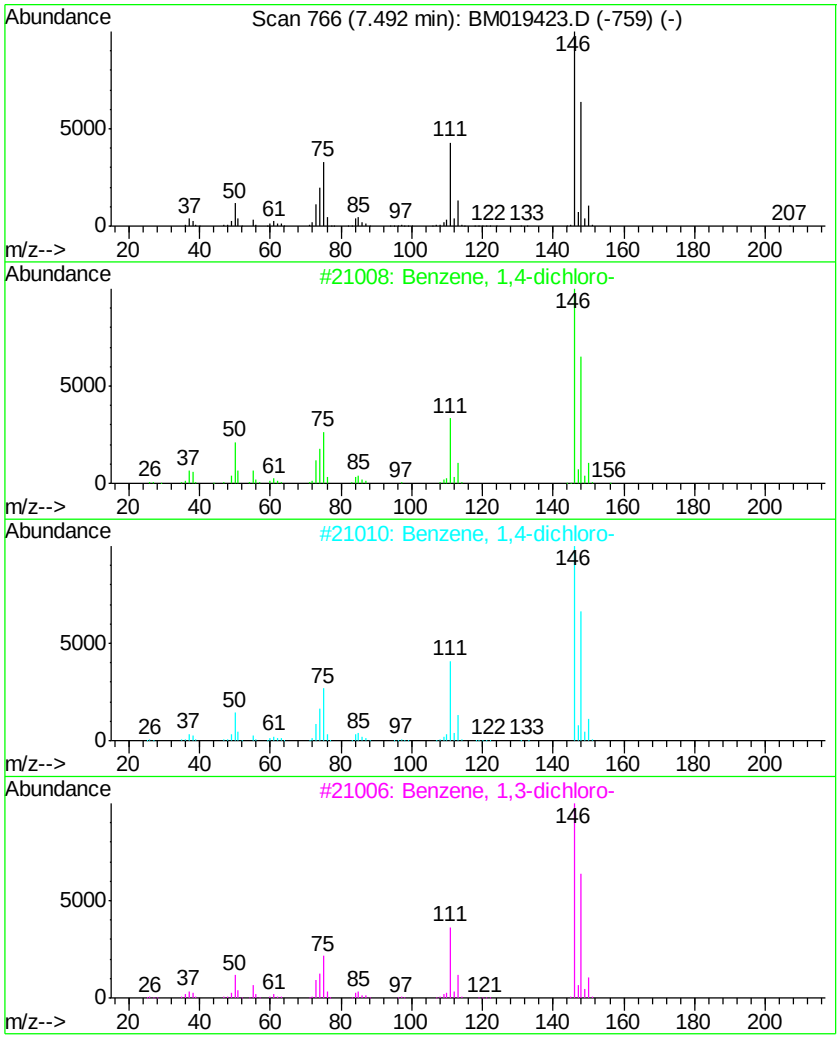
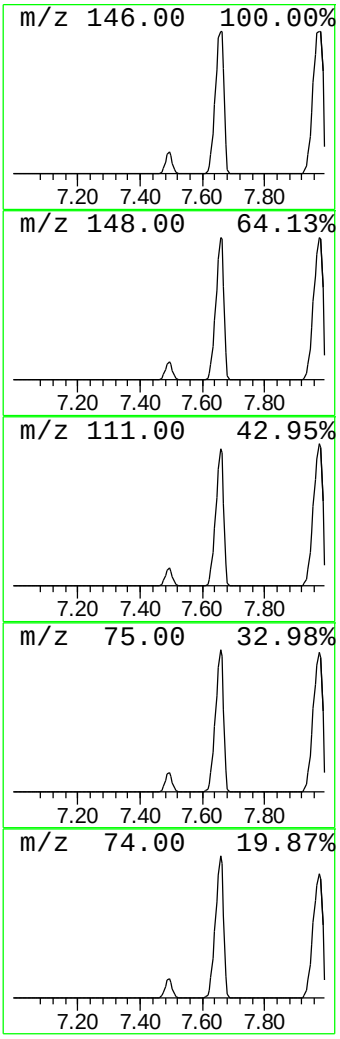
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	2.28 ng/ul	7522080	1,4-Dichlorobenzene-d4	7.61

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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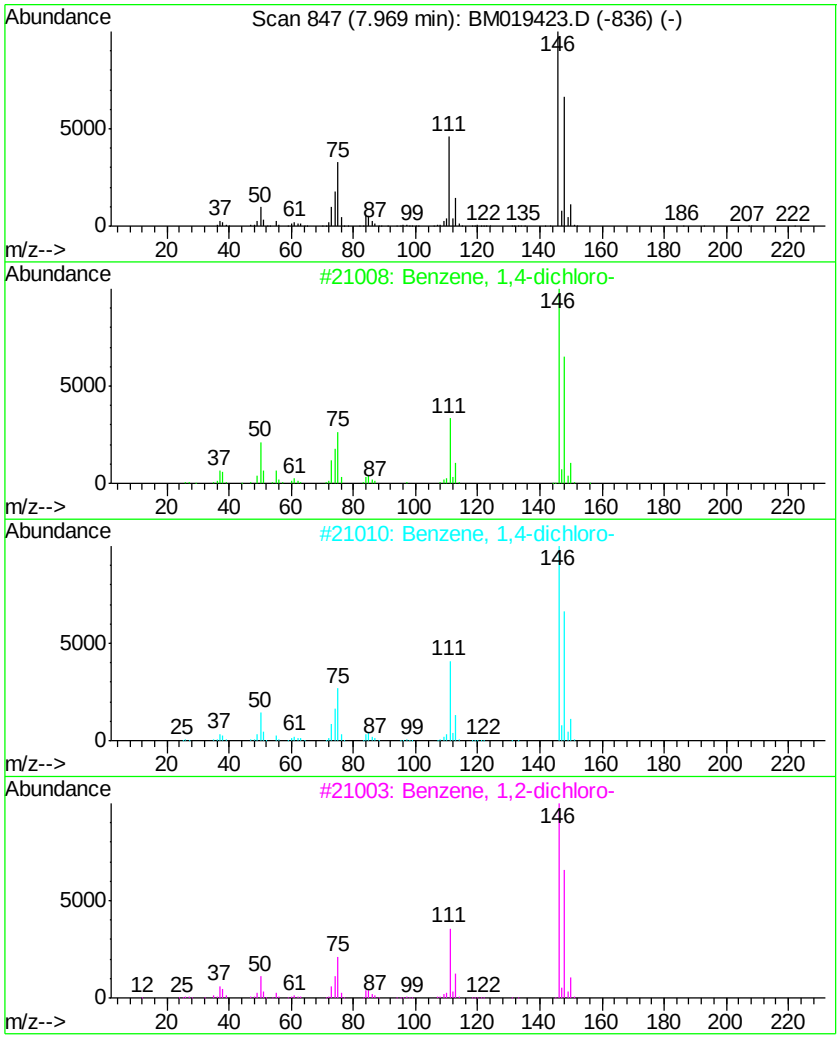
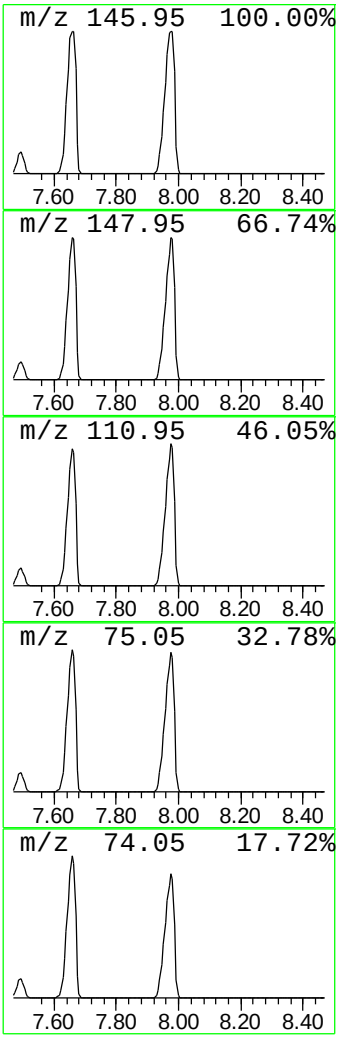
Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	22.17 ng/ul	73289400	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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

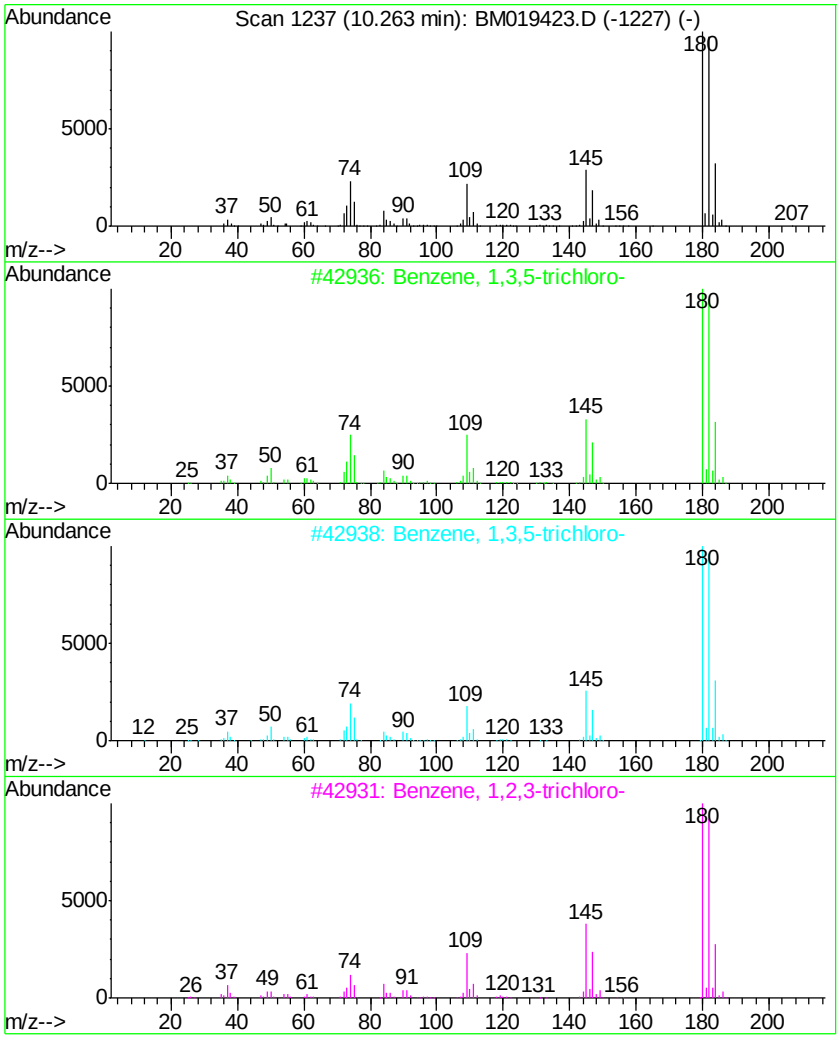
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

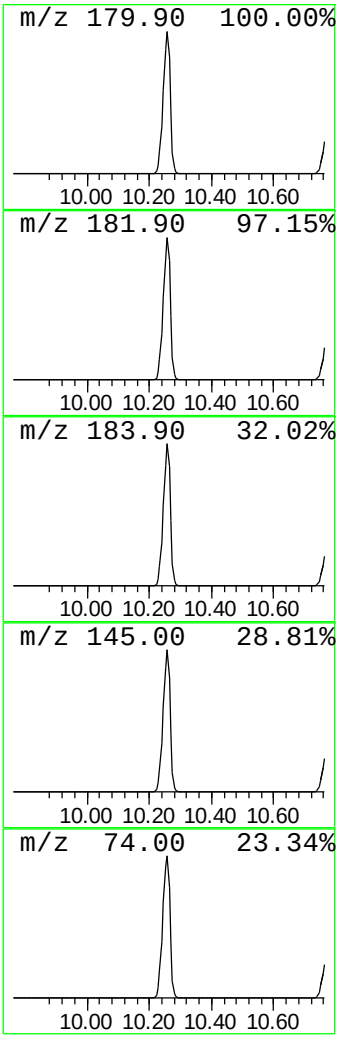
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	373.81 ng/ul	21728700	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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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

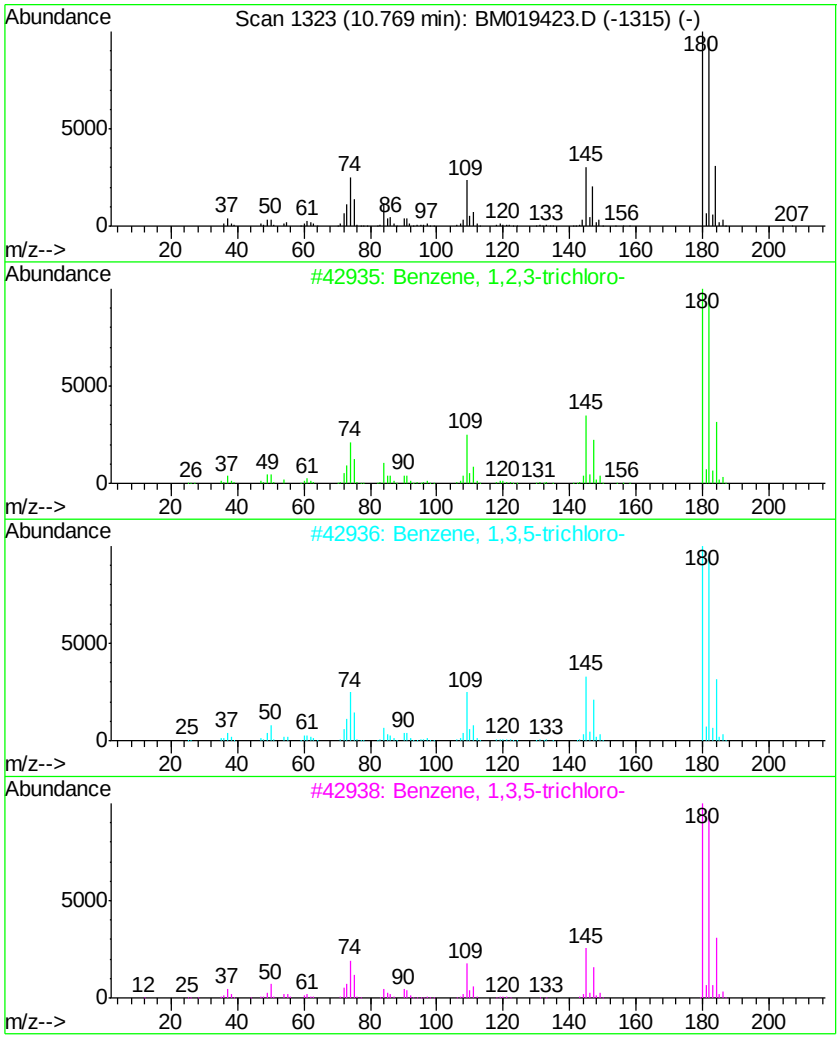
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

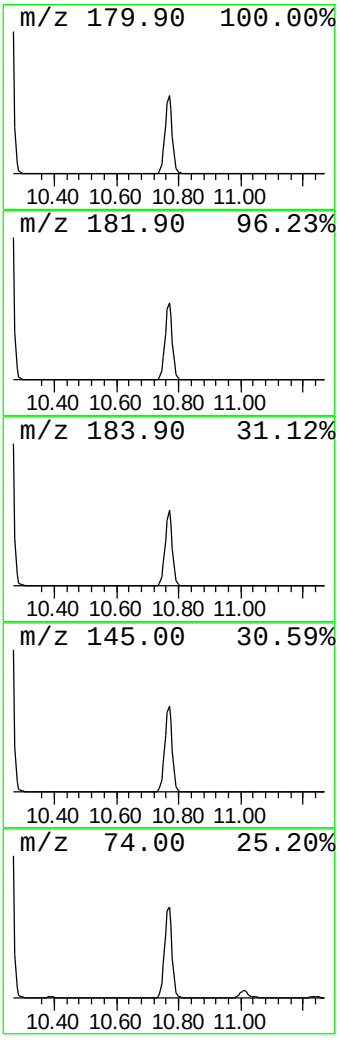
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	97.45 ng/ul	5664200	Naphthalene-d8	10.39

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, 1,3,5-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\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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

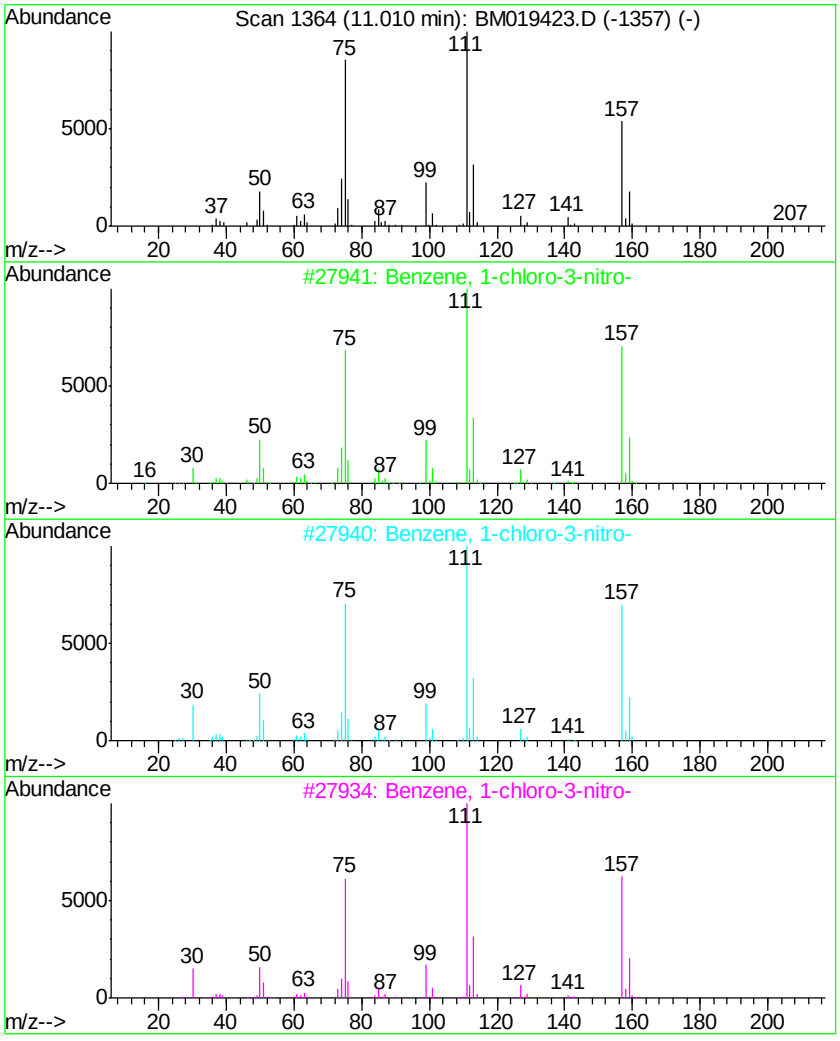
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

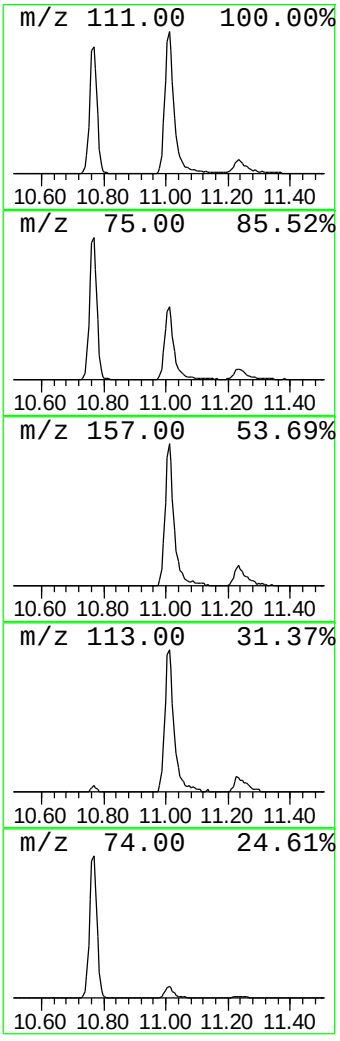
****

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	9.95 ng/ul	578238	Naphthalene-d8	10.39

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	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	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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

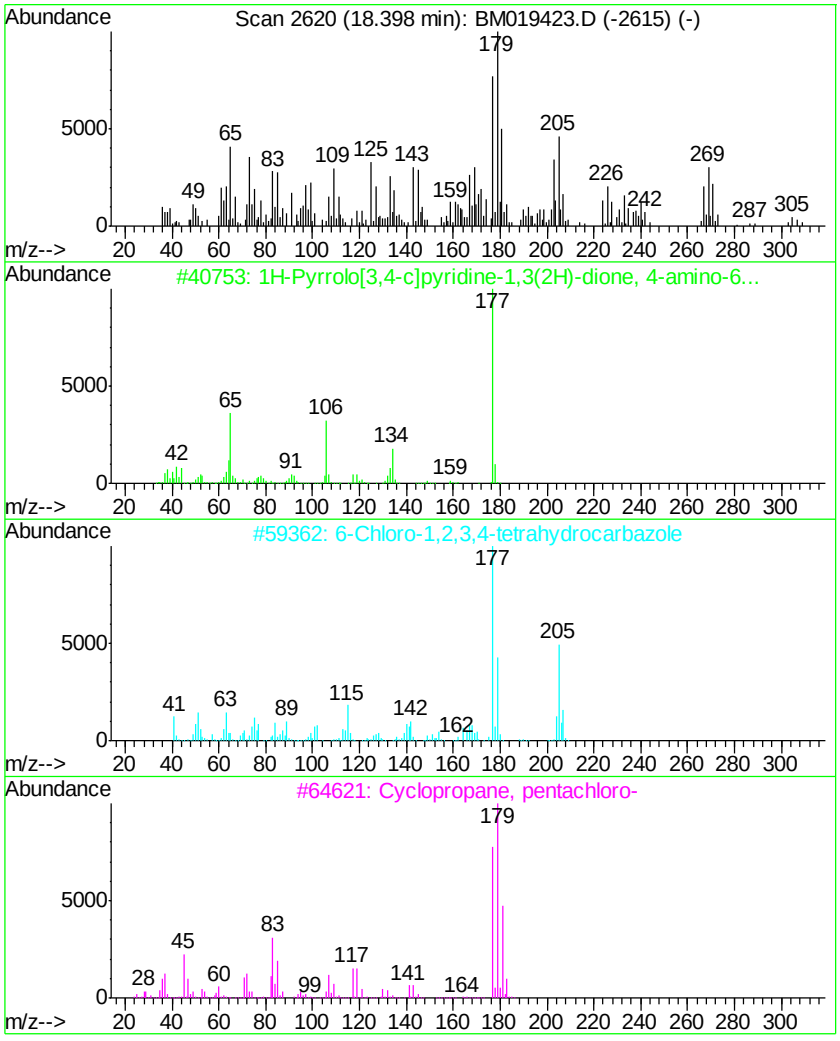
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

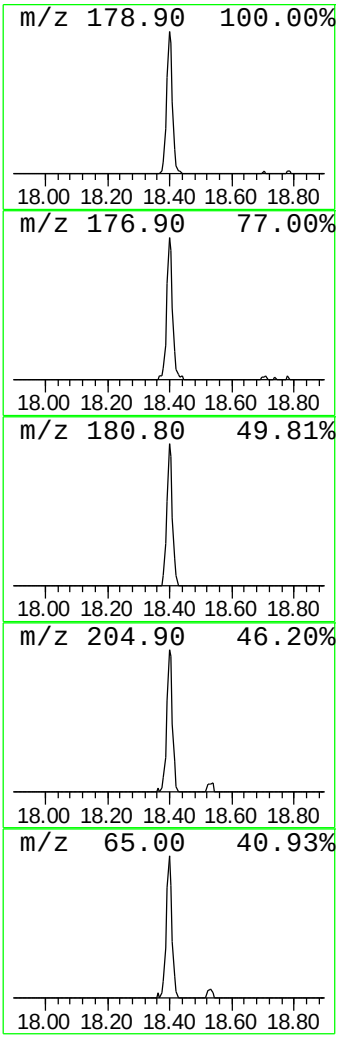
****

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.61 ng/ul	488634	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[3,4-c]pyridine-1,3(2H...	177	C8H7N3O2	090004-20-9	35
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
3	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	12
4	2,3-Dimethoxyphenylacetonitrile	177	C10H11NO2	004468-57-9	12
5	Phenol, 4-amino-2,6-dichloro-	177	C6H5Cl2NO	005930-28-9	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032519\
Data File : BM019423.D
Acq On : 25 Mar 2019 10:09
Operator : JU/SJ
Sample : K2027-09DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0988DL

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-	4.97	29.6	ng/ul	97762300	1	7.61	66103100	20.0
Benzene, 1,4-dich...	7.49	2.3	ng/ul	7522080	1	7.61	66103100	20.0
Benzene, 1,2-dich...	7.97	22.2	ng/ul	73289400	1	7.61	66103100	20.0
Benzene, 1,3,5-tr...	10.26	373.8	ng/ul	21728700	2	10.39	1162540	20.0
Benzene, 1,2,3-tr...	10.77	97.5	ng/ul	5664200	2	10.39	1162540	20.0
Benzene, 1-chloro...	11.01	9.9	ng/ul	578238	2	10.39	1162540	20.0
unknown-01	18.40	5.6	ng/ul	488634	4	17.02	1742730	20.0