LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092317\
Data File : BM011719.D
Acq On : 23 Sep 2017 23:26
Operator : SJ/JU
Sample : I5324-05DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AU0DL

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	5.275	328	338	363	rBV3	59819680	110325669	100.00%	35.234%
2	7.840	766	774	786	rBV	4996261	8052147	7.30%	2.572%
3	7.998	786	801	815	rVV	45411227	80134248	72.63%	25.592%
4	8.322	845	856	875	rBV	42847239	76209733	69.08%	24.339%
5	9.110	984	990	992	rBV	77791	120728	0.11%	0.039%
6	9.151	992	997	1009	rVB	983091	1729907	1.57%	0.552%
7	9.451	1041	1048	1058	rBV2	65560	111781	0.10%	0.036%
8	9.839	1108	1114	1127	rVB4	53721	131874	0.12%	0.042%
9	10.375	1199	1205	1212	rBV	71483	133131	0.12%	0.043%
10	10.622	1237	1247	1260	rBV	10187455	17172359	15.57%	5.484%
11	10.757	1263	1270	1279	rVB	743944	1289340	1.17%	0.412%
12	11.139	1327	1335	1345	rBV	2491105	4159393	3.77%	1.328%
13	11.351	1363	1371	1385	rBV	793082	1361299	1.23%	0.435%
14	11.569	1402	1408	1418	rBV	115664	229958	0.21%	0.073%
15	12.775	1609	1613	1621	rVB	138217	228844	0.21%	0.073%
16	13.380	1710	1716	1727	rBV	613082	952067	0.86%	0.304%
17	13.980	1809	1818	1825	rBV	149278	241395	0.22%	0.077%
18	14.274	1863	1868	1877	rVB	139198	219352	0.20%	0.070%
19	14.580	1913	1920	1930	rBV2	935768	1449911	1.31%	0.463%
20	15.568	2083	2088	2097	rBV	197316	285943	0.26%	0.091%
21	17.321	2380	2386	2396	rBV	1188878	1665652	1.51%	0.532%
22	17.421	2396	2403	2409	rBV2	210570	316193	0.29%	0.101%
23	18.686	2609	2618	2624	rBV	964053	1303960	1.18%	0.416%
24	19.703	2786	2791	2797	rBV	270487	395765	0.36%	0.126%
25	21.486	3089	3094	3102	rBV	1675880	2097640	1.90%	0.670%
26	23.691	3464	3469	3481	rVB2	313046	647231	0.59%	0.207%
27	23.850	3489	3496	3508	rVB	1034961	2157897	1.96%	0.689%

Sum of corrected areas: 313123417

LSC Report - Integrated Chromatogram

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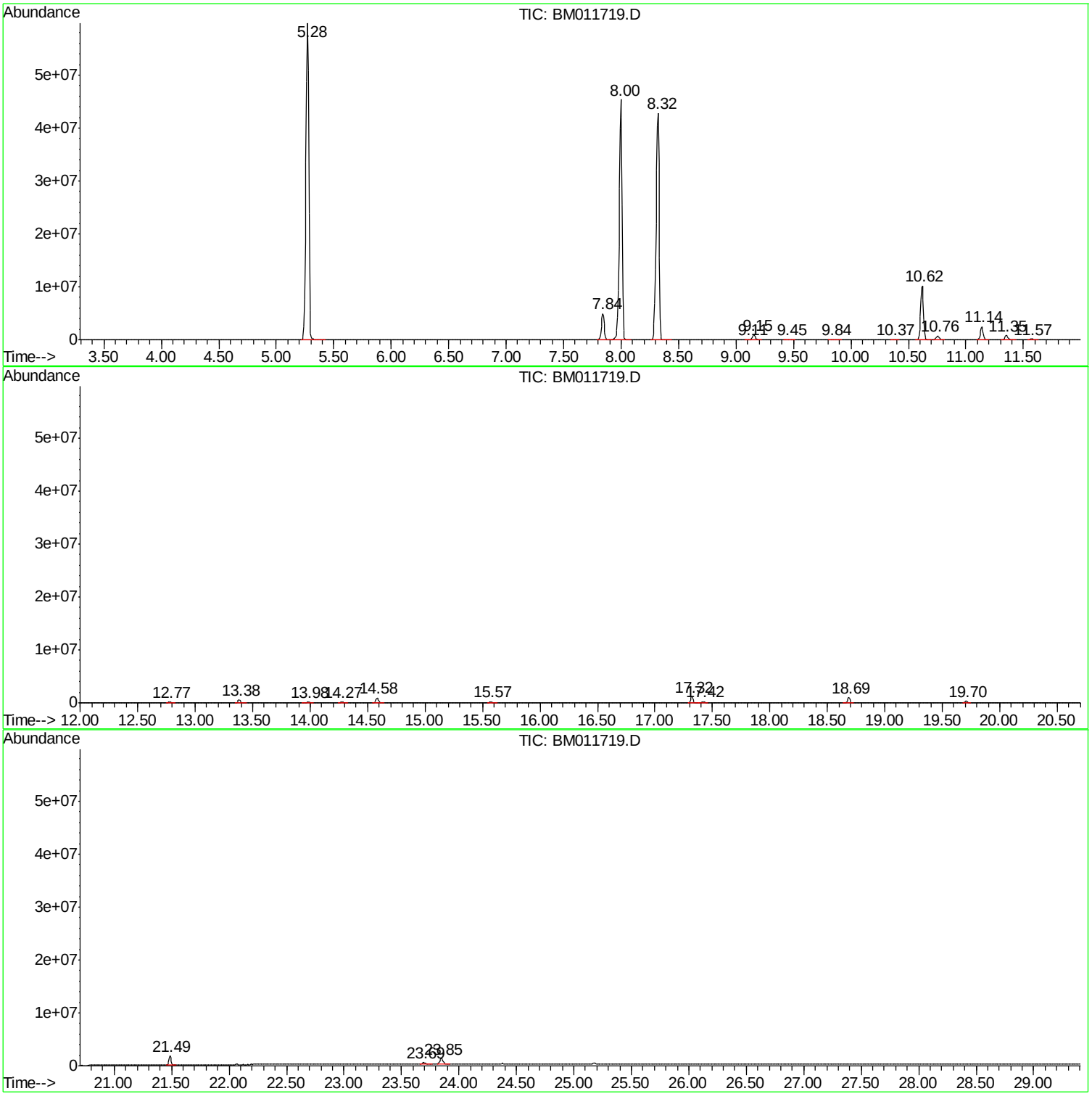
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AU0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092317\
Data File : BM011719.D
Acq On : 23 Sep 2017 23:26
Operator : SJ/JU
Sample : I5324-05DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AU0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

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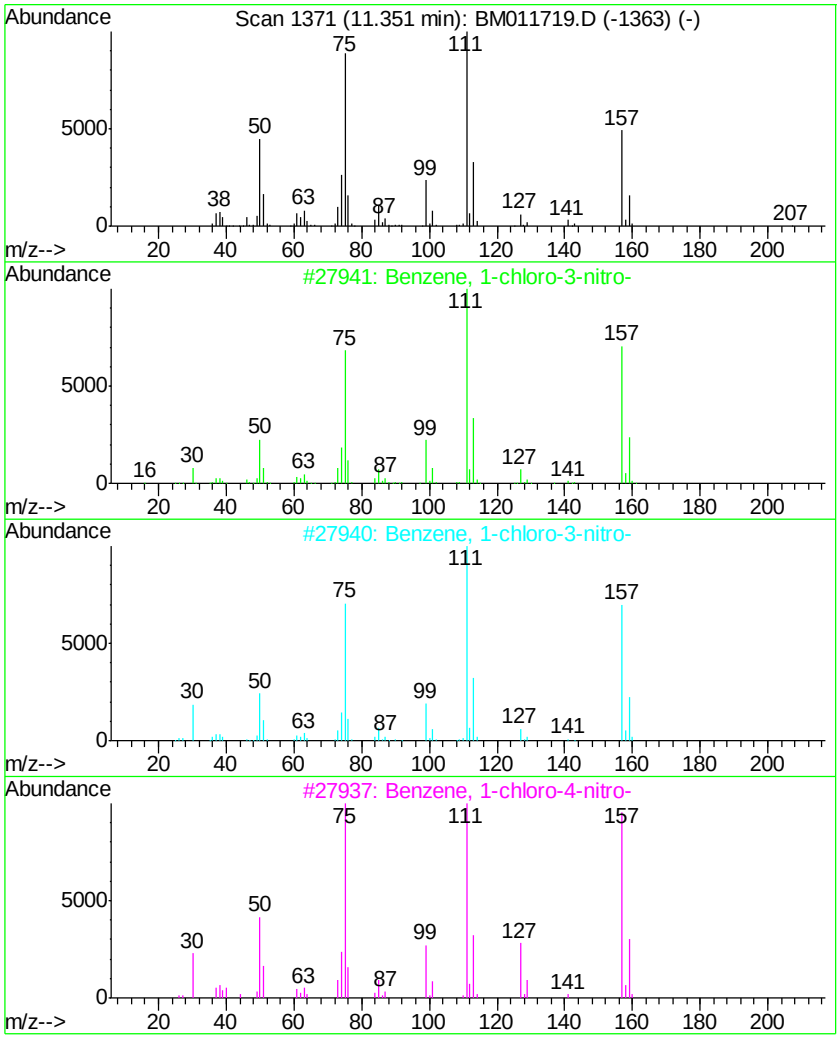
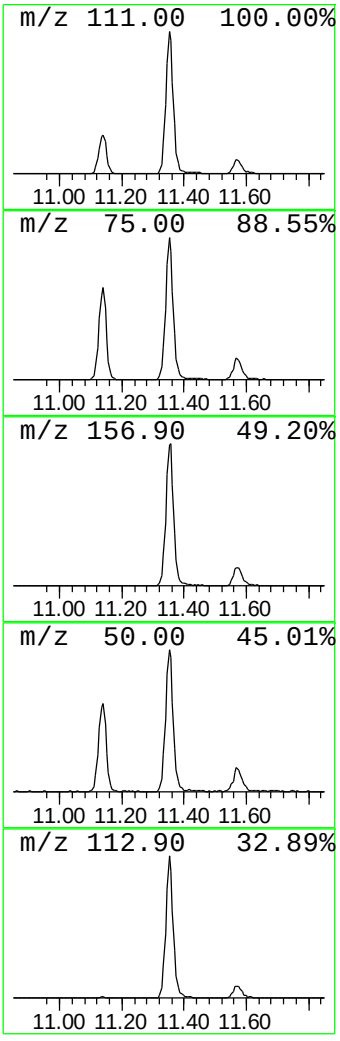
Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	21.12 ng/ul	1361300	Naphthalene-d8	10.76

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	91
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	64
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	60
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	52





Library Search Compound Report

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Data File : BM011719.D
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Sample : I5324-05DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AU0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

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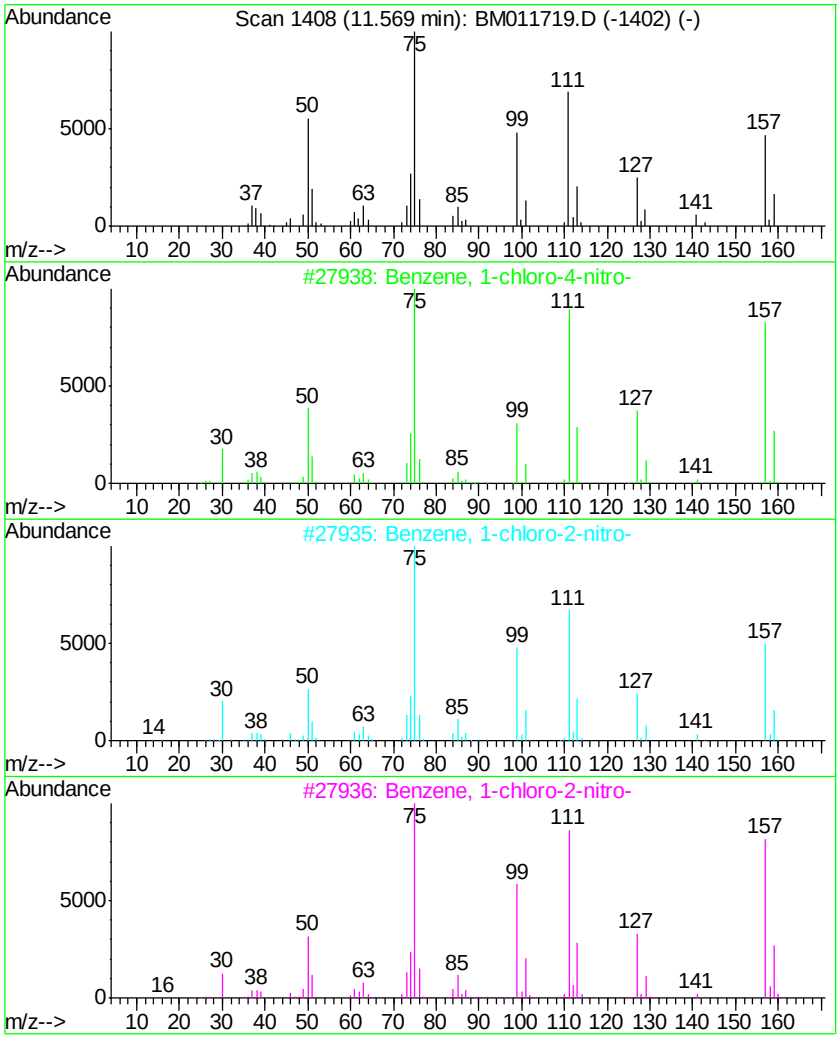
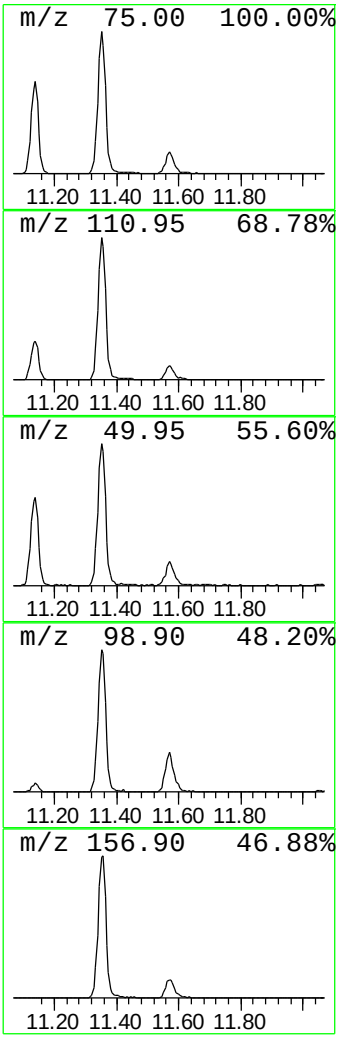
Peak Number 7 Benzene, 1-chloro-4-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.57 ng/ul	229958	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AU0DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

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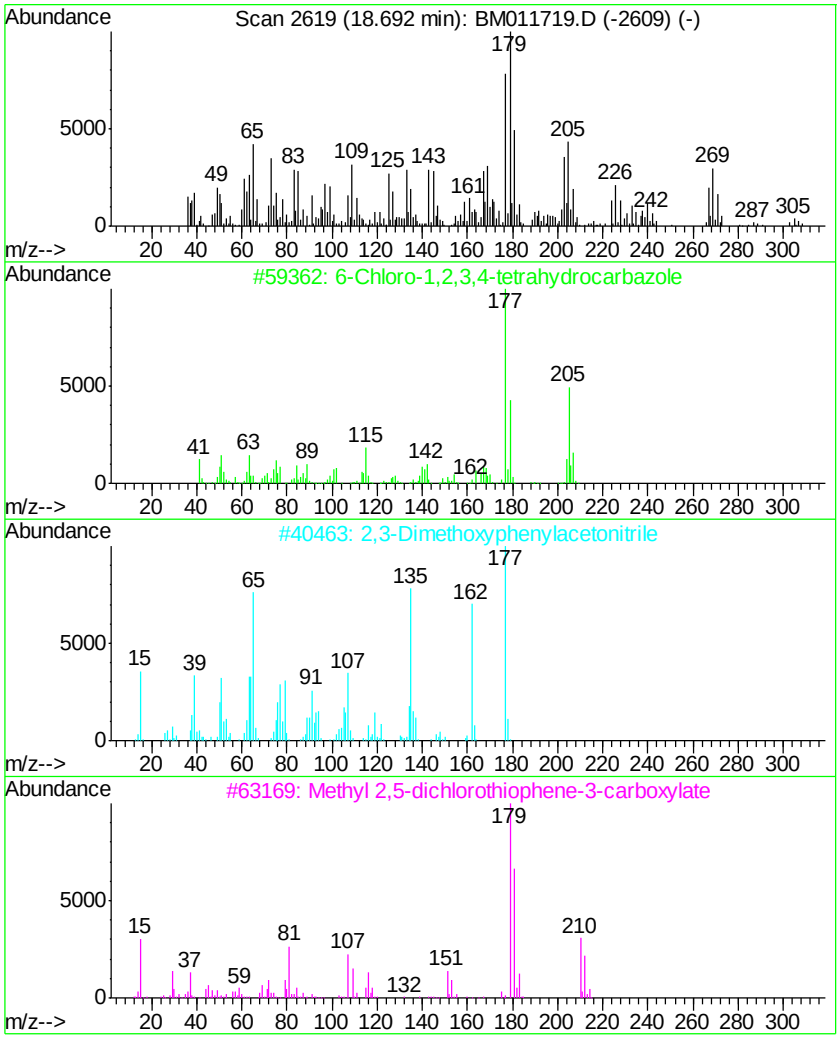
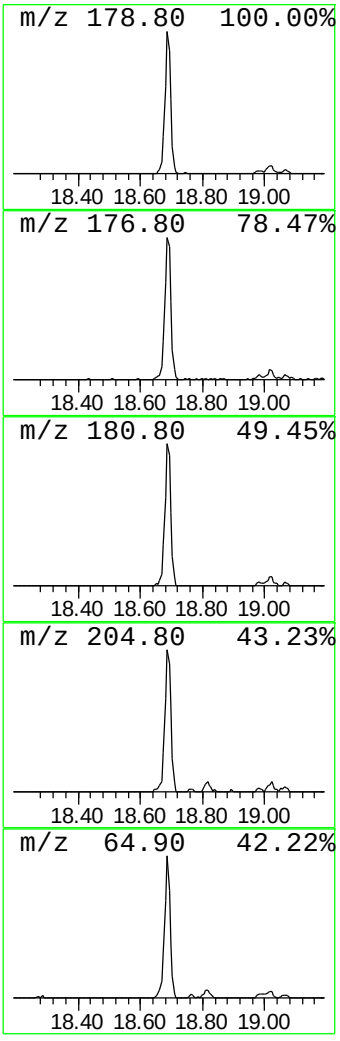
Peak Number 8 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	15.66 ng/ul	1303960	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2	2,3-Dimethoxyphenylacetonitrile	177	C10H11NO2	004468-57-9	25
3	Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	14
4	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	12
5	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	11





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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, 1-chloro...	11.35	21.1	ng/ul	1361300	2	10.76	1289340	20.0
Benzene, 1-chloro...	11.57	3.6	ng/ul	229958	2	10.76	1289340	20.0
unknown-01	18.69	15.7	ng/ul	1303960	4	17.32	1665650	20.0