LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009250.D
Acq On : 14 Mar 2017 11:46
Operator : SJ/MA
Sample : I2235-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.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	5.198	353	359	372	rVB	425664	662827	9.20%	1.185%
2	7.028	664	670	680	rVB	150731	257672	3.58%	0.461%
3	7.210	693	701	712	rVB	557687	898655	12.47%	1.606%
4	7.404	726	734	742	rBV2	572821	907175	12.59%	1.621%
5	7.875	808	814	819	rBV	519263	907673	12.60%	1.622%
6	7.910	819	820	832	rVB5	166604	232116	3.22%	0.415%
7	8.228	868	874	882	rVB	229480	370773	5.15%	0.663%
8	8.575	926	933	944	rBV	455732	738539	10.25%	1.320%
9	8.969	994	1000	1006	rBV	121612	202478	2.81%	0.362%
10	9.039	1006	1012	1019	rVV	787963	1334748	18.53%	2.386%
11	9.763	1128	1135	1145	rVB	655551	1085635	15.07%	1.940%
12	10.292	1217	1225	1233	rBV	877890	1486358	20.63%	2.657%
13	10.533	1260	1266	1270	rBV3	79712	139597	1.94%	0.250%
14	10.580	1270	1274	1279	rVB	68640	111270	1.54%	0.199%
15	10.674	1284	1290	1296	rBV	777398	1314365	18.24%	2.349%
16	13.921	1834	1842	1850	rBV	2165928	2954731	41.01%	5.281%
17	14.210	1885	1891	1899	rBV	2124934	3138800	43.57%	5.610%
18	14.521	1937	1944	1952	rVB2	1325476	2082424	28.90%	3.722%
19	14.709	1970	1976	1983	rBV2	169946	282711	3.92%	0.505%
20	15.509	2105	2112	2119	rBV	3065804	4286279	59.49%	7.661%
21	15.627	2125	2132	2141	rBV	1168618	1563093	21.70%	2.794%
22	17.268	2402	2411	2419	rBV	1944361	2839925	39.42%	5.076%
23	17.362	2421	2427	2435	rBV	3473854	4993440	69.31%	8.925%
24	17.921	2511	2522	2527	rBV2	914593	1137696	15.79%	2.033%
25	19.544	2794	2798	2806	rVB5	42267	72330	1.00%	0.129%
26	19.656	2811	2817	2825	rBV	4709103	6381140	88.57%	11.405%
27	21.438	3115	3120	3127	rBV	3394661	4176598	57.97%	7.465%
28	23.627	3485	3492	3501	rVB2	3711202	7204593	100.00%	12.877%
29	23.779	3511	3518	3525	rVB2	2194737	4186268	58.11%	7.482%

Sum of corrected areas: 55949909

LSC Report - Integrated Chromatogram

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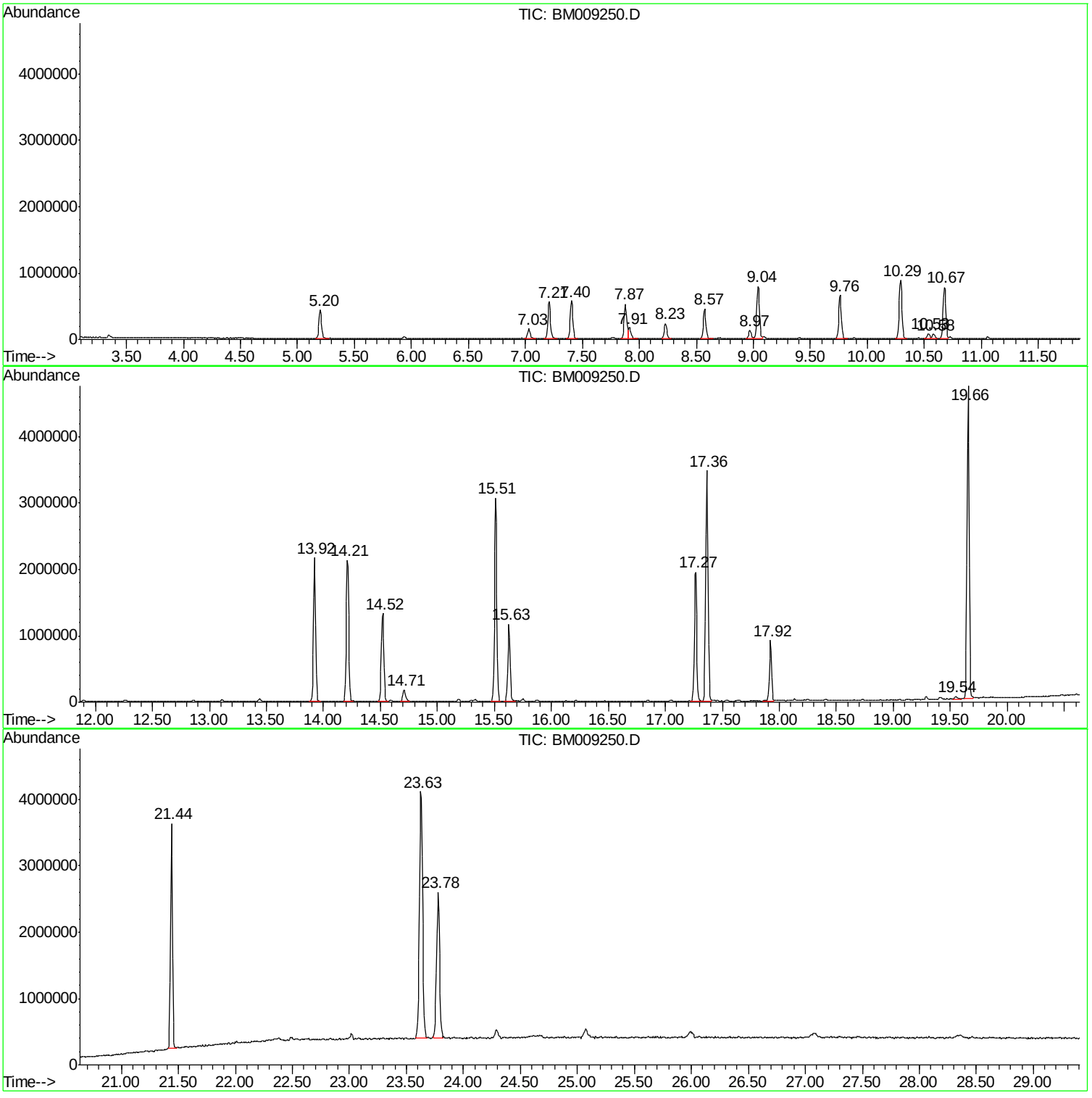
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

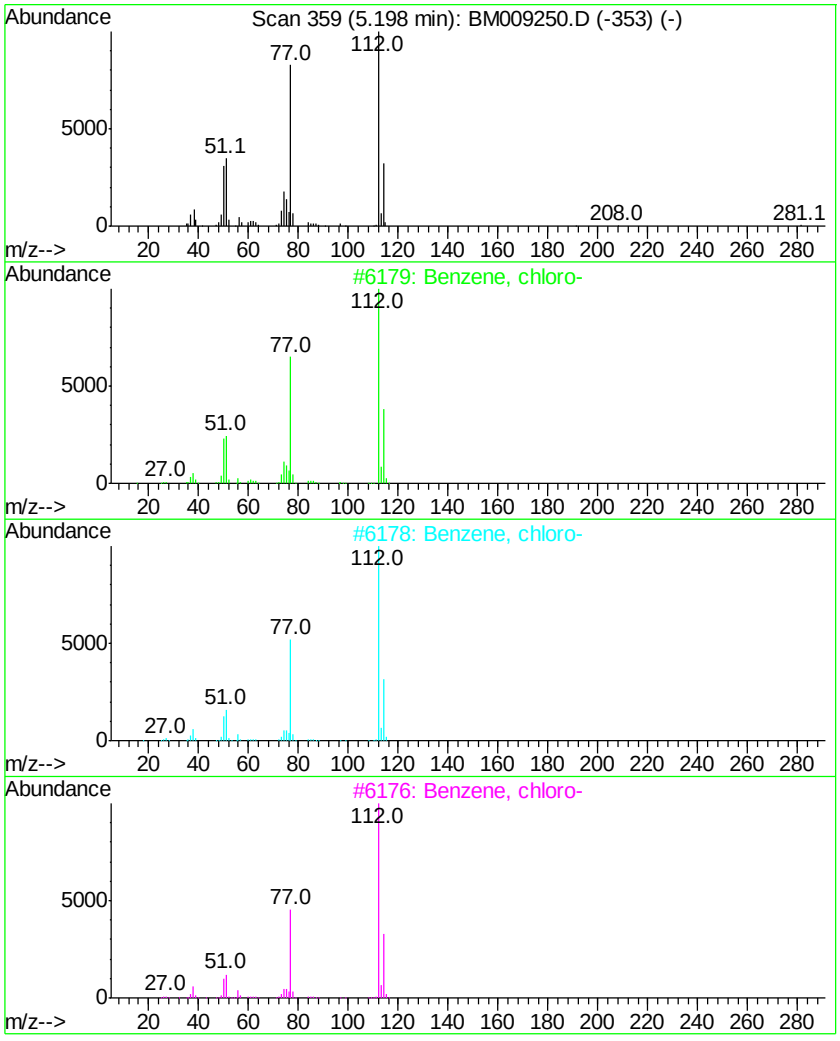
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

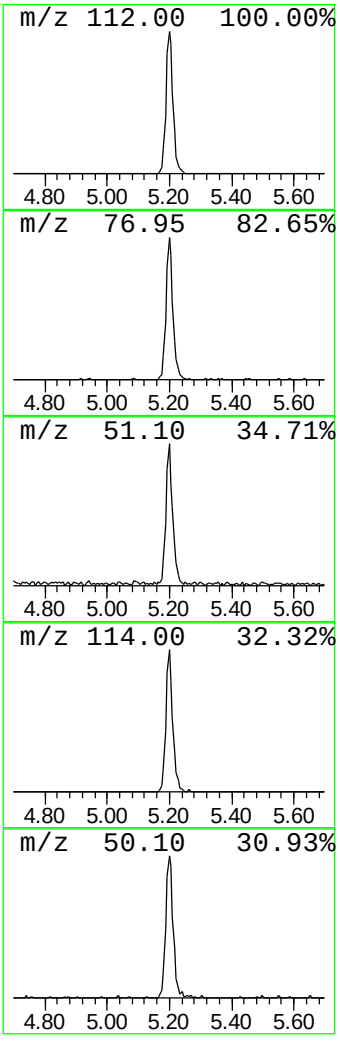
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	14.61 ng/ul	662827	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009250.D
Acq On : 14 Mar 2017 11:46
Operator : SJ/MA
Sample : I2235-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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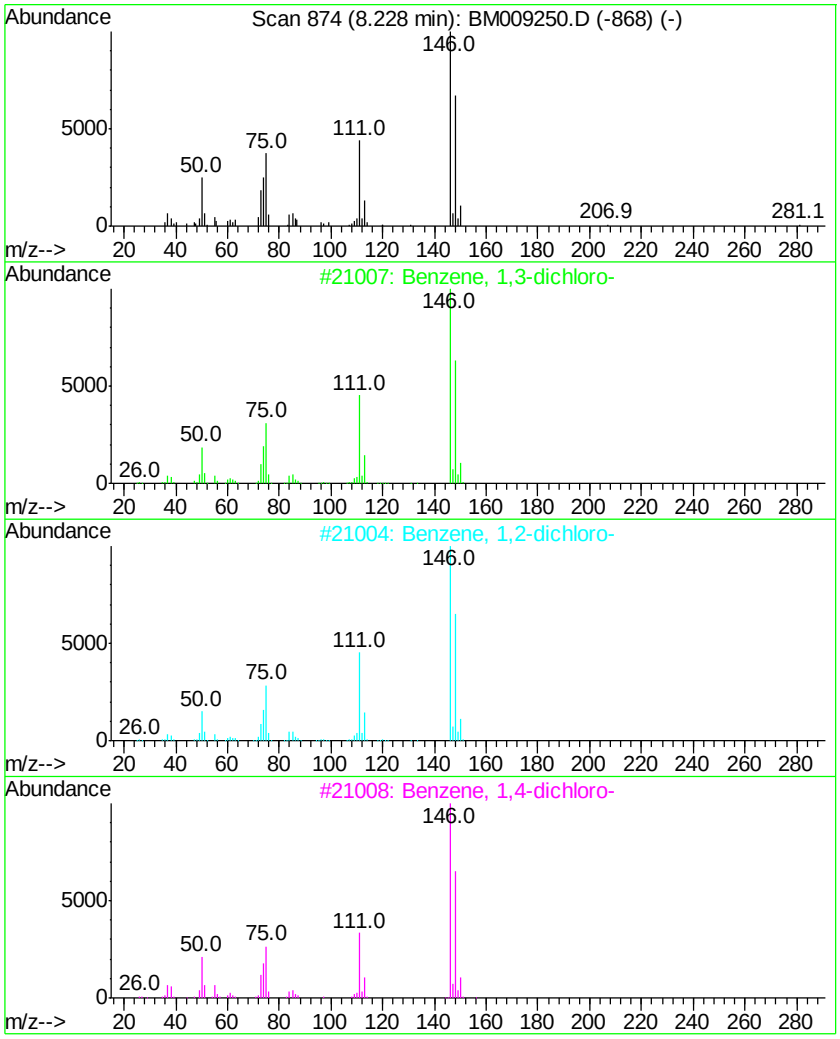
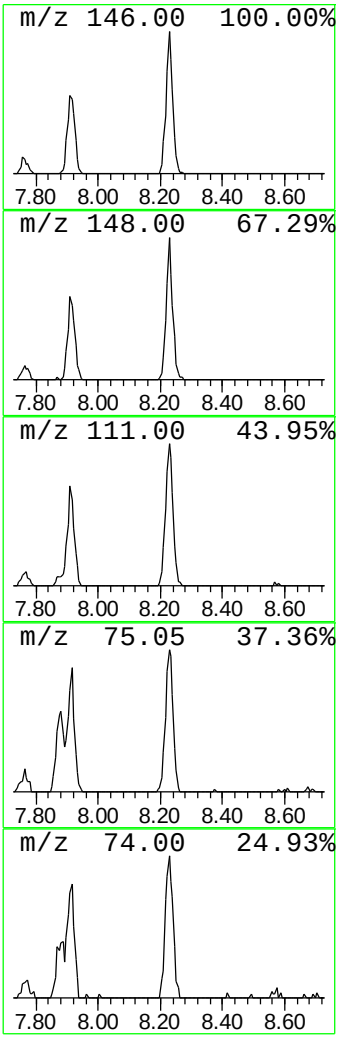
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	8.17 ng/ul	370773	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009250.D
Acq On : 14 Mar 2017 11:46
Operator : SJ/MA
Sample : I2235-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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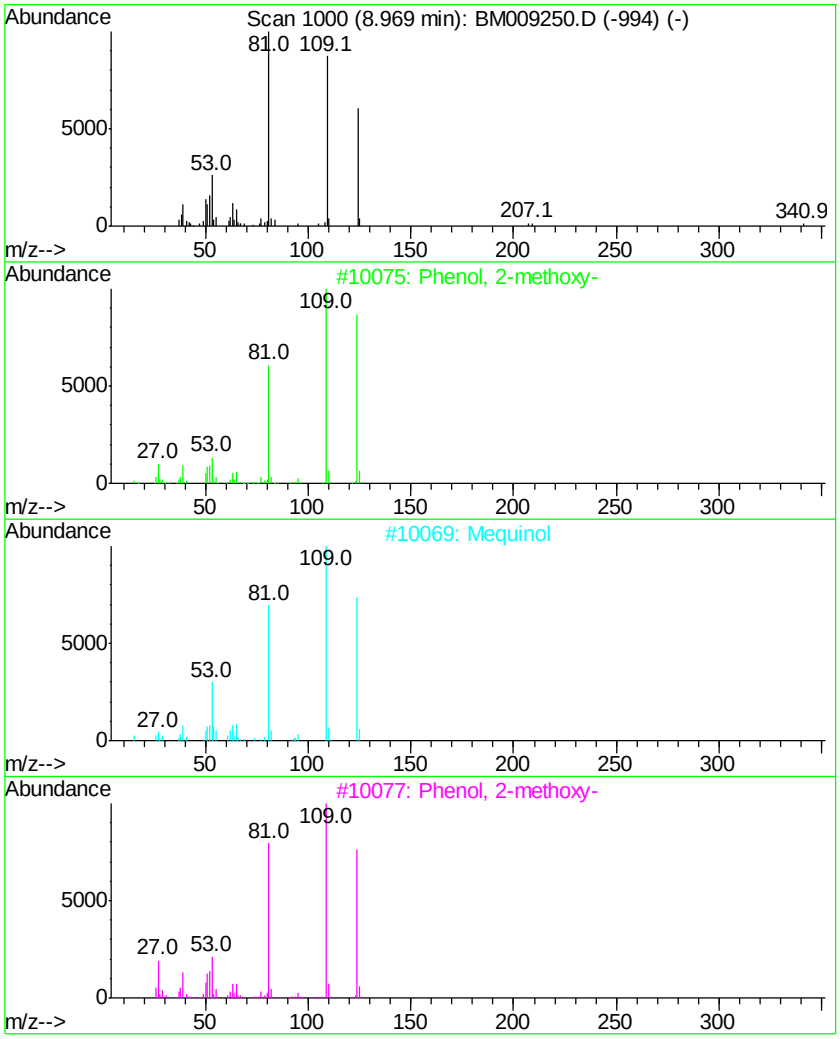
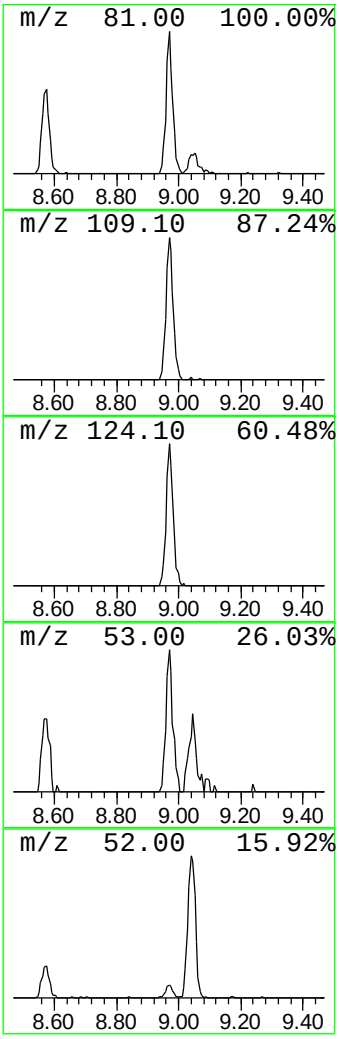
Peak Number 3 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	4.46 ng/ul	202478	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
2	Mequinol	124	C7H8O2	000150-76-5	70
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	60
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	60
5	Mequinol	124	C7H8O2	000150-76-5	58





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Sample : I2235-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

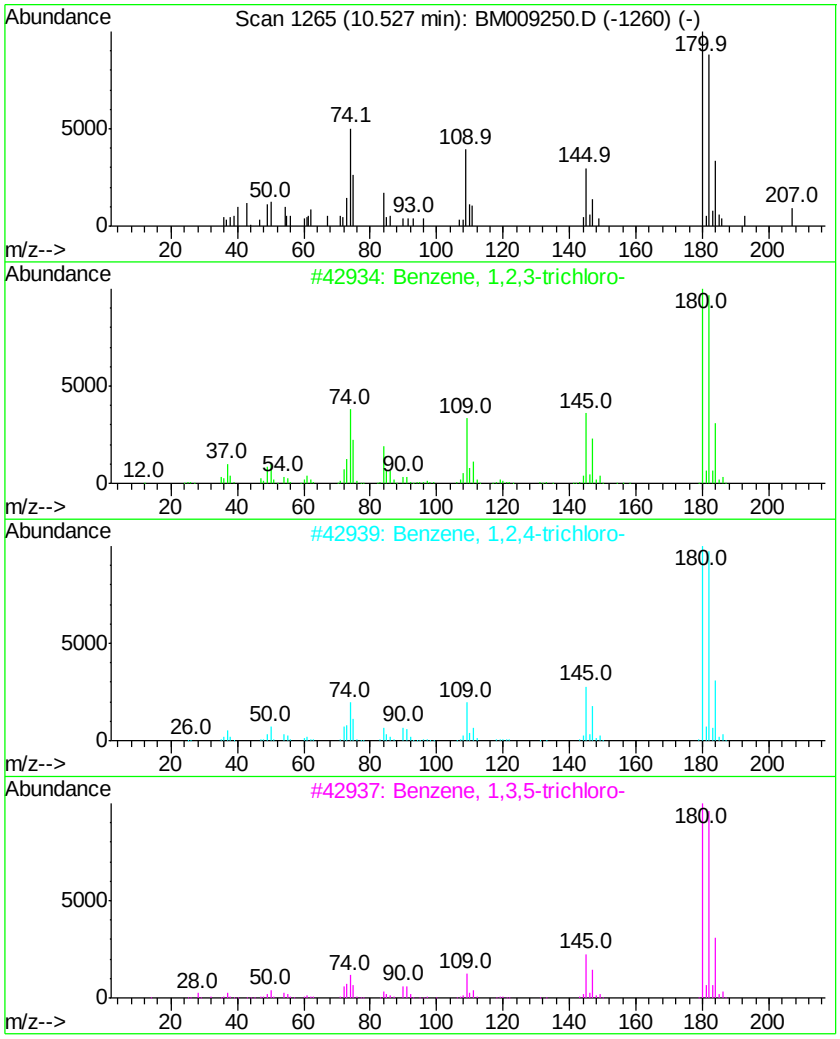
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

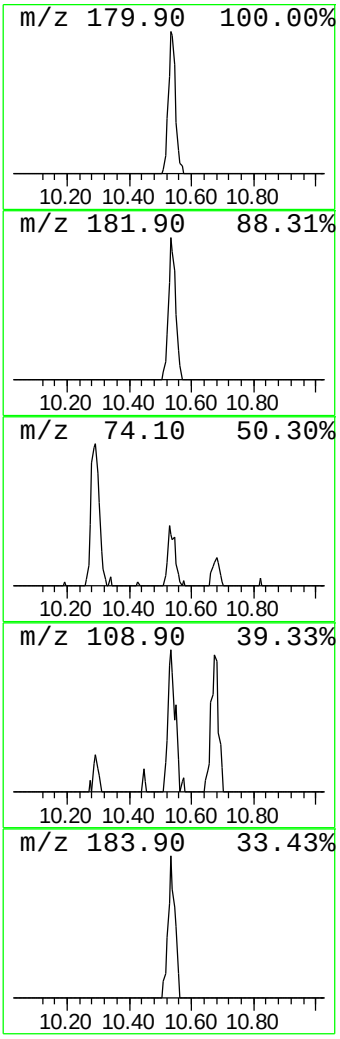
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.12 ng/ul	139597	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	90
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	87
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	87





Library Search Compound Report

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Operator : SJ/MA
Sample : I2235-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

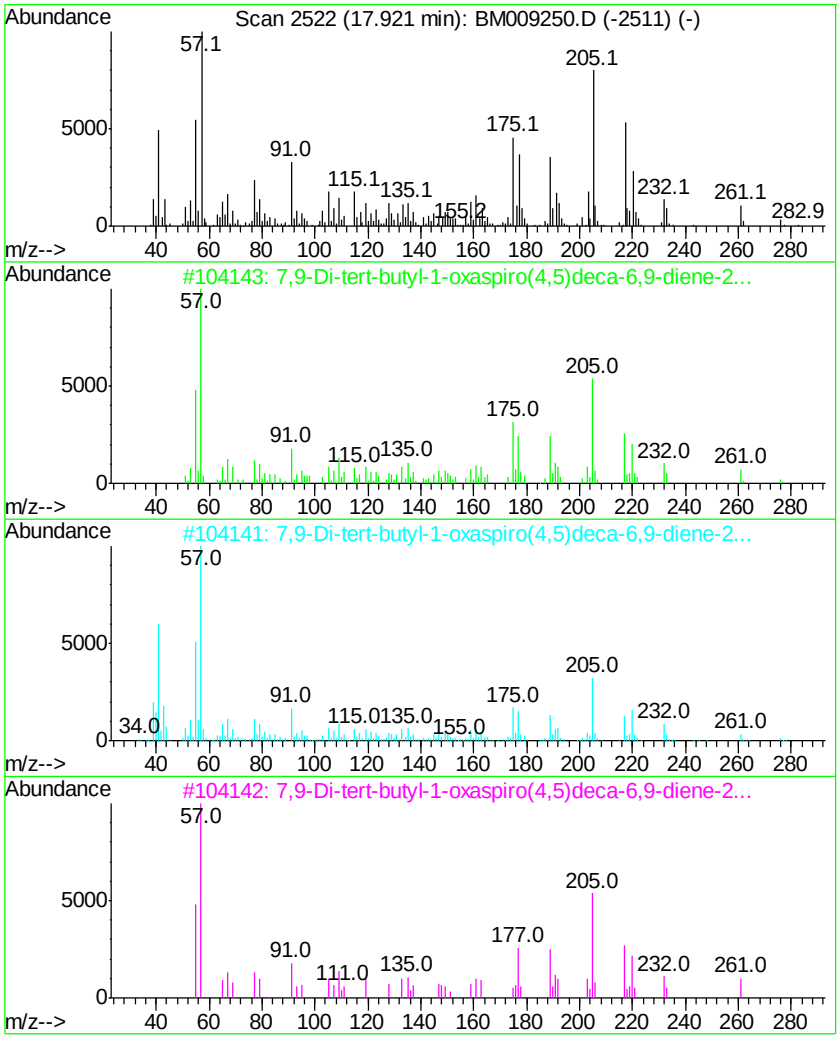
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

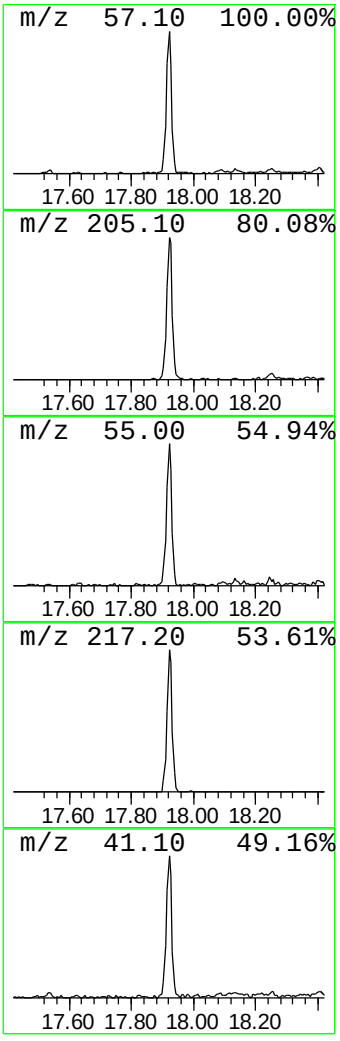
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	8.01 ng/ul	1137700	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	46
5	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	41





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	5.20	14.6	ng/ul	662827	1	7.88	907673	20.0
Benzene, 1,3-dich...	8.23	8.2	ng/ul	370773	1	7.88	907673	20.0
Phenol, 2-methoxy-	8.97	4.5	ng/ul	202478	1	7.88	907673	20.0
Benzene, 1,2,3-tr...	10.53	2.1	ng/ul	139597	2	10.67	1314370	20.0
7,9-Di-tert-butyl...	17.92	8.0	ng/ul	1137700	4	17.27	2839930	20.0