LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009253.D
Acq On : 14 Mar 2017 13:34
Operator : SJ/MA
Sample : I2235-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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	5.199	350	359	372	rVB	1935559	3019355	32.09%	3.943%
2	7.028	664	670	680	rVB	184534	325166	3.46%	0.425%
3	7.211	694	701	713	rVB	754212	1204603	12.80%	1.573%
4	7.405	727	734	743	rBV	750926	1204937	12.81%	1.573%
5	7.763	789	795	803	rVB2	106953	181491	1.93%	0.237%
6	7.875	806	814	818	rVV	709972	1220743	12.97%	1.594%
7	7.910	818	820	829	rVB2	445196	648562	6.89%	0.847%
8	8.228	866	874	882	rVB	739655	1209683	12.86%	1.580%
9	8.569	926	932	941	rBV	595554	947332	10.07%	1.237%
10	8.969	994	1000	1006	rBV	159956	280085	2.98%	0.366%
11	9.040	1006	1012	1018	rVV	1072791	1778313	18.90%	2.322%
12	9.763	1127	1135	1146	rVB	871157	1481852	15.75%	1.935%
13	10.293	1218	1225	1232	rBV	1182342	2011620	21.38%	2.627%
14	10.534	1260	1266	1270	rBV3	79441	136150	1.45%	0.178%
15	10.581	1270	1274	1279	rVB2	86660	134132	1.43%	0.175%
16	10.675	1284	1290	1296	rBV	1059558	1740929	18.50%	2.273%
17	13.922	1832	1842	1853	rBV	2924029	3969896	42.19%	5.184%
18	14.210	1884	1891	1898	rBV	2966893	4281377	45.50%	5.590%
19	14.522	1935	1944	1951	rBV2	1722255	2712604	28.83%	3.542%
20	14.710	1970	1976	1985	rBV	222976	362831	3.86%	0.474%
21	15.510	2105	2112	2123	rBV	4016358	5742975	61.04%	7.499%
22	15.628	2126	2132	2144	rBV	1578926	2099198	22.31%	2.741%
23	17.263	2404	2410	2418	rBV2	2459147	3597836	38.24%	4.698%
24	17.363	2421	2427	2441	rBV	4599547	6667311	70.86%	8.706%
25	17.922	2516	2522	2527	rBV	1130835	1378769	14.65%	1.800%
26	19.657	2811	2817	2823	rBV	6303454	8423247	89.52%	10.999%
27	21.439	3115	3120	3127	rVB	4176903	5149847	54.73%	6.724%
28	23.633	3485	3493	3501	rBV	4903587	9409265	100.00%	12.286%
29	23.780	3511	3518	3527	rVB	2776515	5264289	55.95%	6.874%

Sum of corrected areas: 76584398

LSC Report - Integrated Chromatogram

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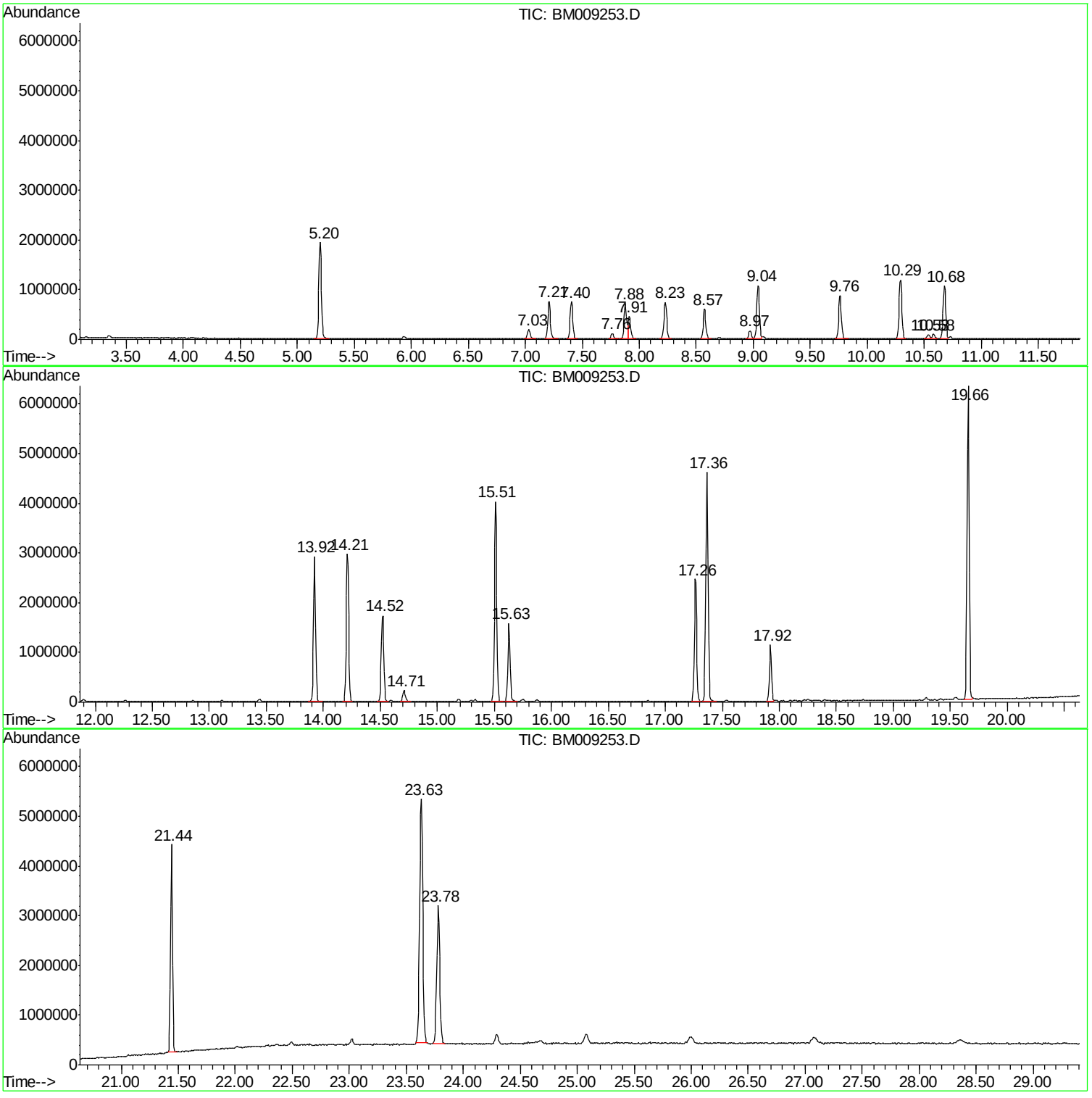
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
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Quant Title : SVOA CALIBRATION

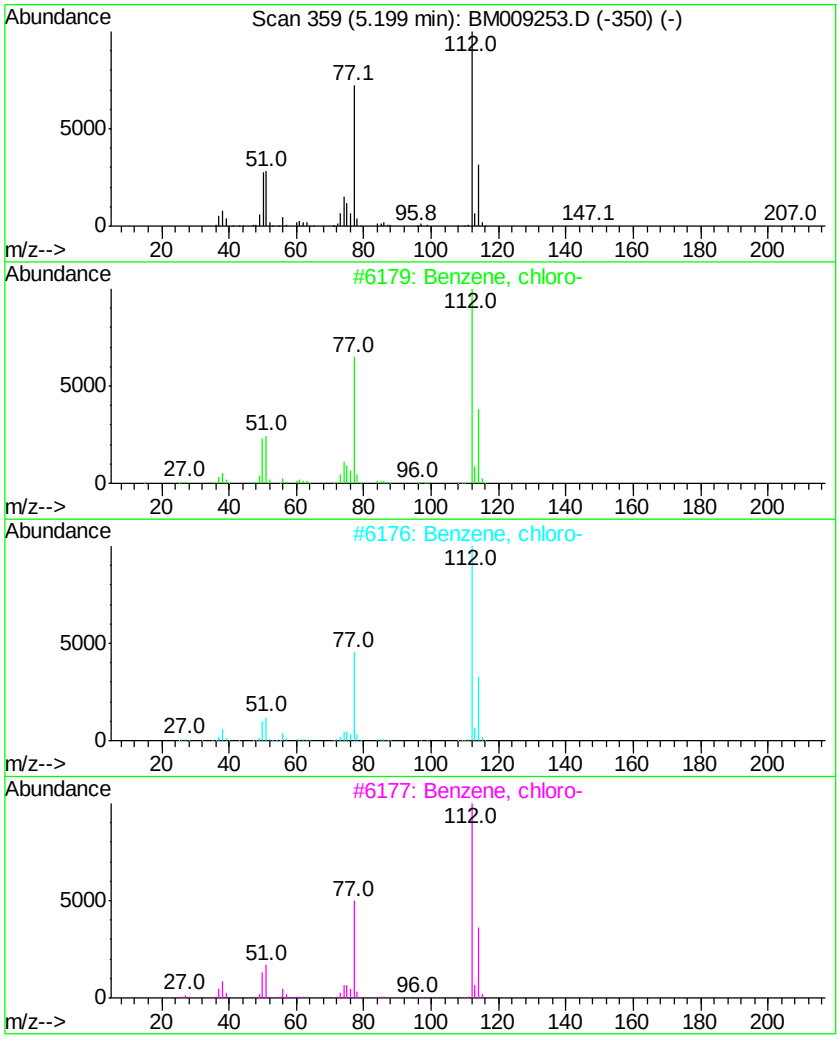
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

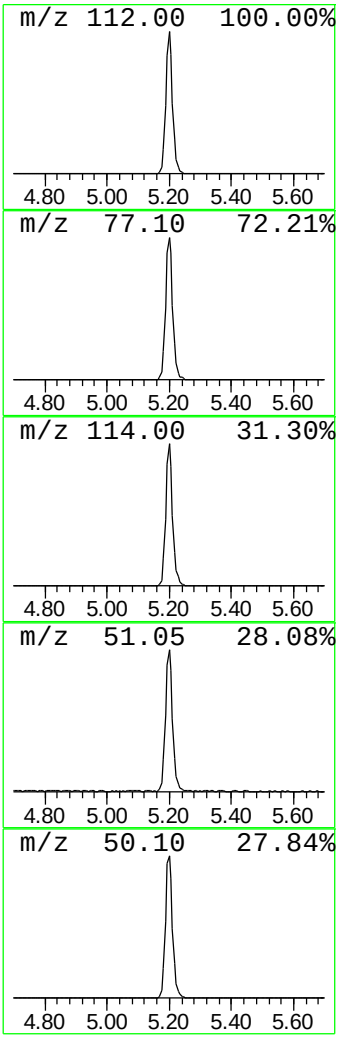
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	49.47 ng/ul	3019360	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
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, 3-fluoro-	112	C6H5FO	000372-20-3	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009253.D
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Operator : SJ/MA
Sample : I2235-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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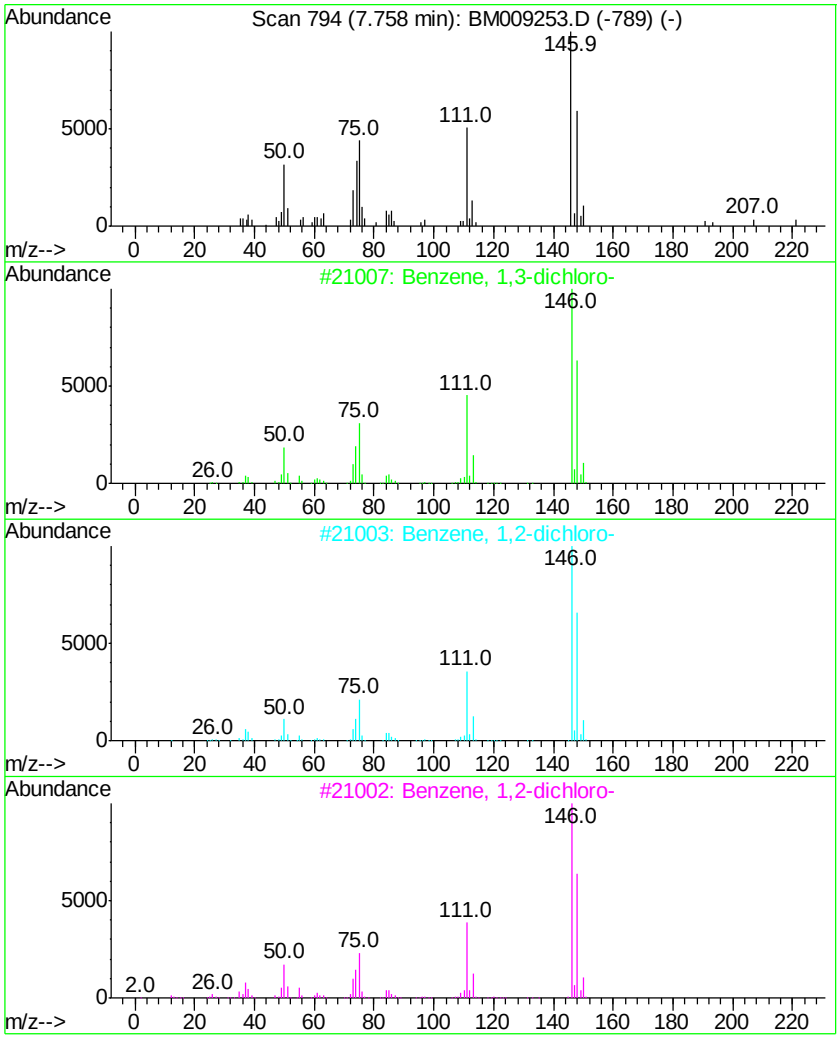
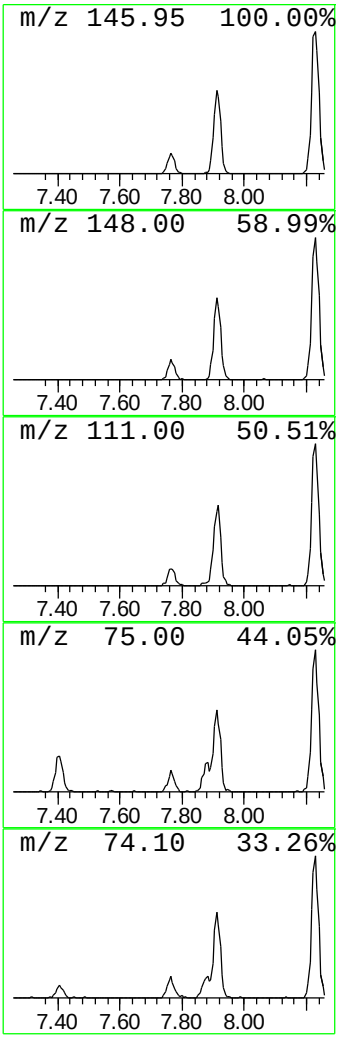
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.97 ng/ul	181491	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	96
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	92
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	91
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009253.D
Acq On : 14 Mar 2017 13:34
Operator : SJ/MA
Sample : I2235-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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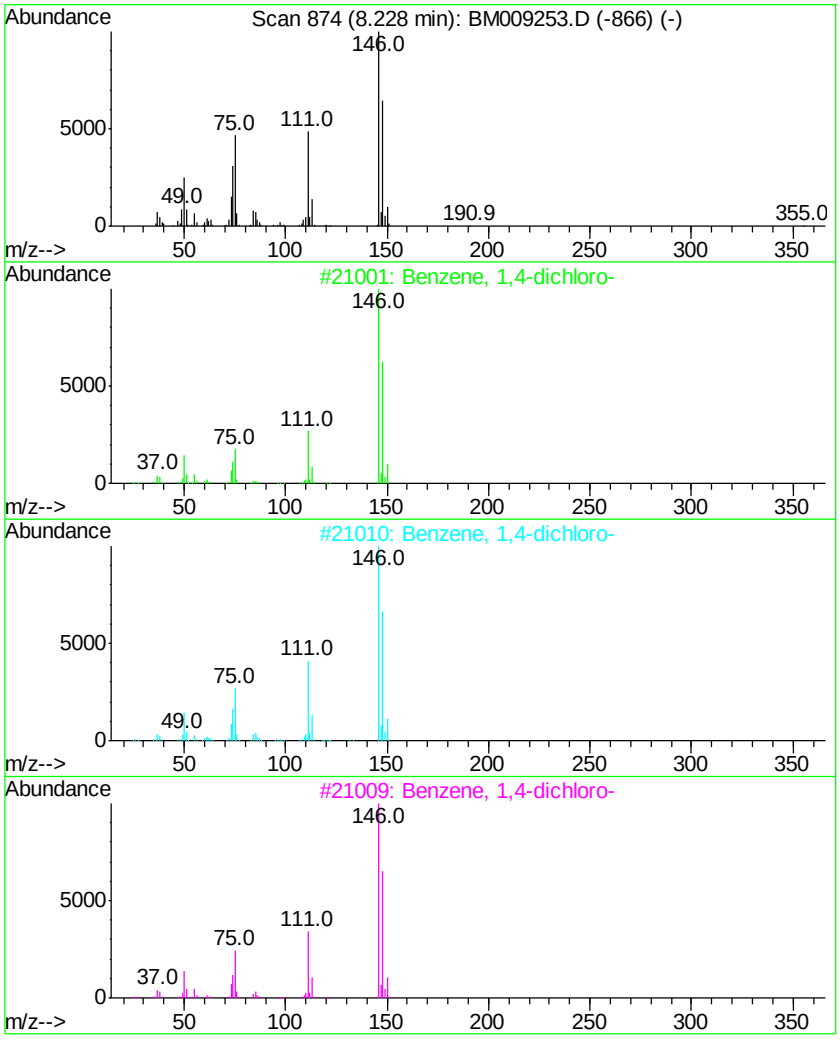
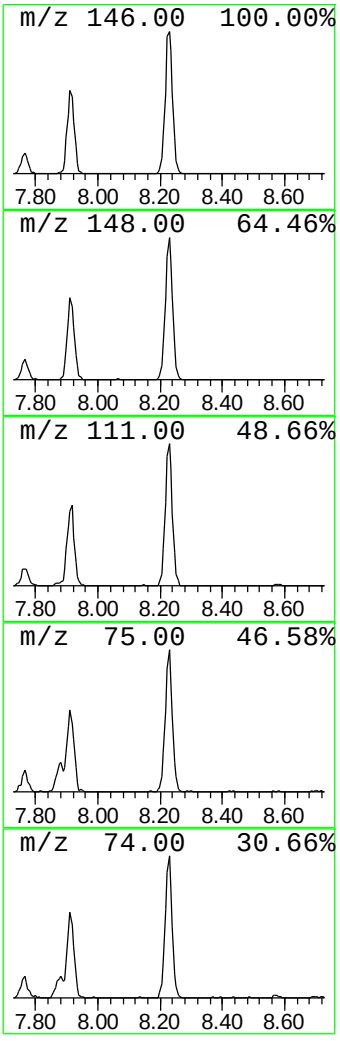
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	19.82 ng/ul	1209680	1,4-Dichlorobenzene-d4	7.88

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, 1,4-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





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
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Operator : SJ/MA
Sample : I2235-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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

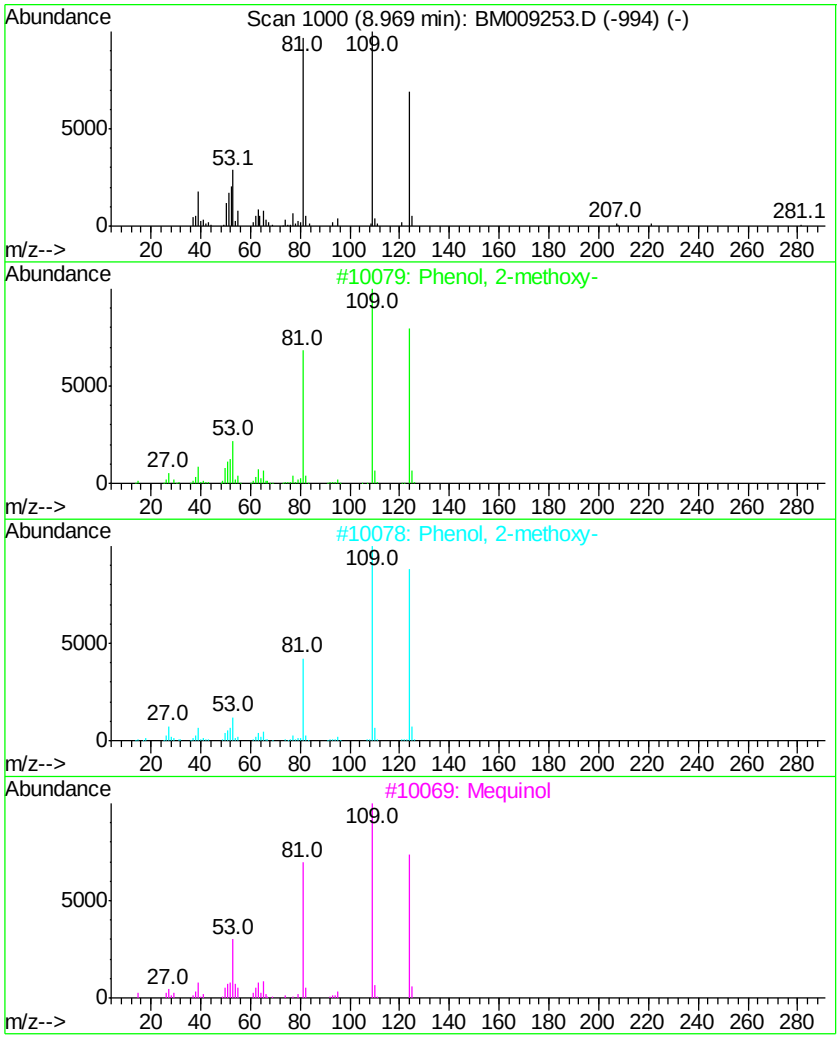
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

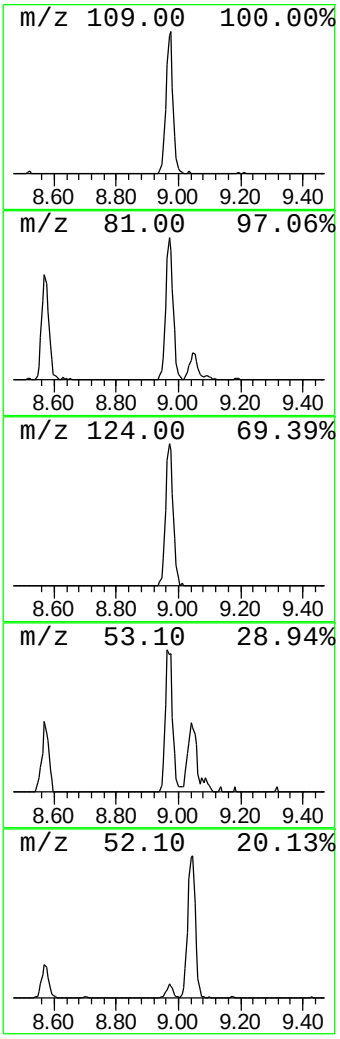
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	4.59 ng/ul	280085	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	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	86
3	Mequinol	124	C7H8O2	000150-76-5	70
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	58
5	Mequinol	124	C7H8O2	000150-76-5	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009253.D
Acq On : 14 Mar 2017 13:34
Operator : SJ/MA
Sample : I2235-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD9

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

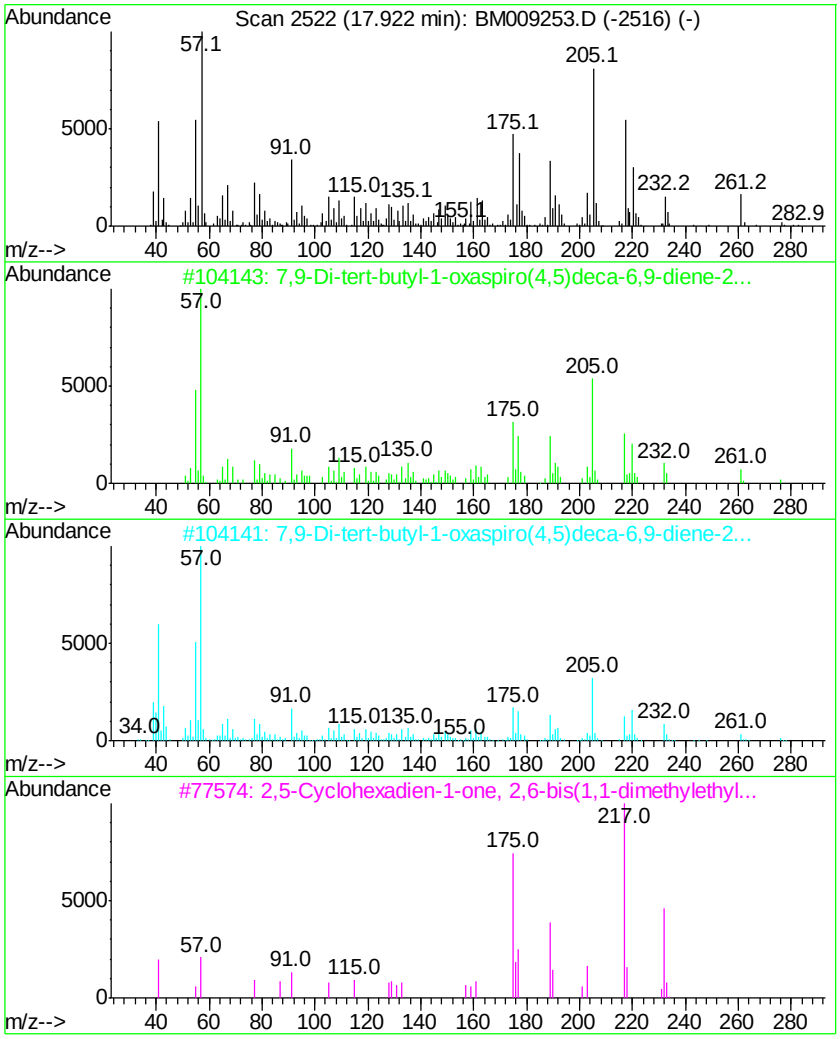
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

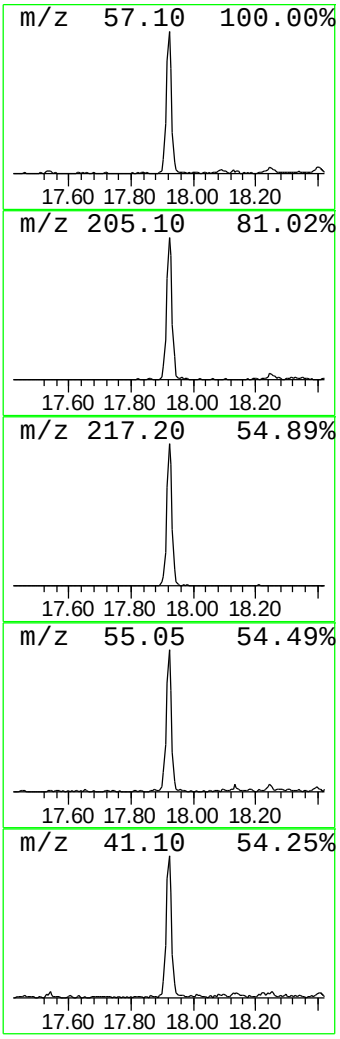
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.66 ng/ul	1378770	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	80
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	76
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50





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	49.5	ng/ul	3019360	1	7.88	1220740	20.0
Benzene, 1,3-dich...	7.76	3.0	ng/ul	181491	1	7.88	1220740	20.0
Benzene, 1,4-dich...	8.23	19.8	ng/ul	1209680	1	7.88	1220740	20.0
Phenol, 2-methoxy-	8.97	4.6	ng/ul	280085	1	7.88	1220740	20.0
7,9-Di-tert-butyl...	17.92	7.7	ng/ul	1378770	4	17.26	3597840	20.0