LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009248.D
Acq On : 14 Mar 2017 10:34
Operator : SJ/MA
Sample : I2181-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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	5.204	351	360	374	rBV	41043968	63436672	100.00%	30.494%
2	7.210	695	701	707	rBV	559639	861294	1.36%	0.414%
3	7.404	727	734	744	rBV	555256	1005952	1.59%	0.484%
4	7.769	788	796	805	rBV	16399990	25871945	40.78%	12.437%
5	7.916	807	821	829	rBV	14892682	24004268	37.84%	11.539%
6	8.228	865	874	882	rBV	2626279	4263140	6.72%	2.049%
7	8.575	926	933	942	rBV2	419822	709826	1.12%	0.341%
8	9.039	1005	1012	1020	rBV	771167	1282833	2.02%	0.617%
9	9.763	1127	1135	1140	rBV	635384	1079578	1.70%	0.519%
10	10.292	1215	1225	1233	rBV	894759	1675721	2.64%	0.806%
11	10.545	1257	1268	1279	rBV	17183147	28046776	44.21%	13.482%
12	10.680	1284	1291	1301	rVV	770794	1288072	2.03%	0.619%
13	11.063	1347	1356	1365	rVB	3917391	6500701	10.25%	3.125%
14	12.939	1666	1675	1684	rBV	866321	1357402	2.14%	0.652%
15	13.310	1732	1738	1749	rVB	426717	649334	1.02%	0.312%
16	13.921	1833	1842	1852	rVB	2031668	2896373	4.57%	1.392%
17	14.210	1881	1891	1899	rBV	2091173	3093173	4.88%	1.487%
18	14.515	1936	1943	1956	rBV2	1467795	2659047	4.19%	1.278%
19	14.998	2020	2025	2033	rBV	620923	936766	1.48%	0.450%
20	15.509	2099	2112	2123	rVB	2972220	4536527	7.15%	2.181%
21	15.627	2126	2132	2143	rBV	1190650	1643056	2.59%	0.790%
22	17.268	2404	2411	2417	rVB2	1873338	2788662	4.40%	1.340%
23	17.362	2420	2427	2441	rBV2	3540374	5097089	8.03%	2.450%
24	19.656	2811	2817	2826	rBV	5015671	6537478	10.31%	3.143%
25	21.439	3115	3120	3127	rBV	3319120	4203503	6.63%	2.021%
26	23.627	3485	3492	3502	rBV2	3797477	7379819	11.63%	3.547%
27	23.780	3511	3518	3527	rVB2	2234025	4226795	6.66%	2.032%

Sum of corrected areas: 208031802

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009248.D
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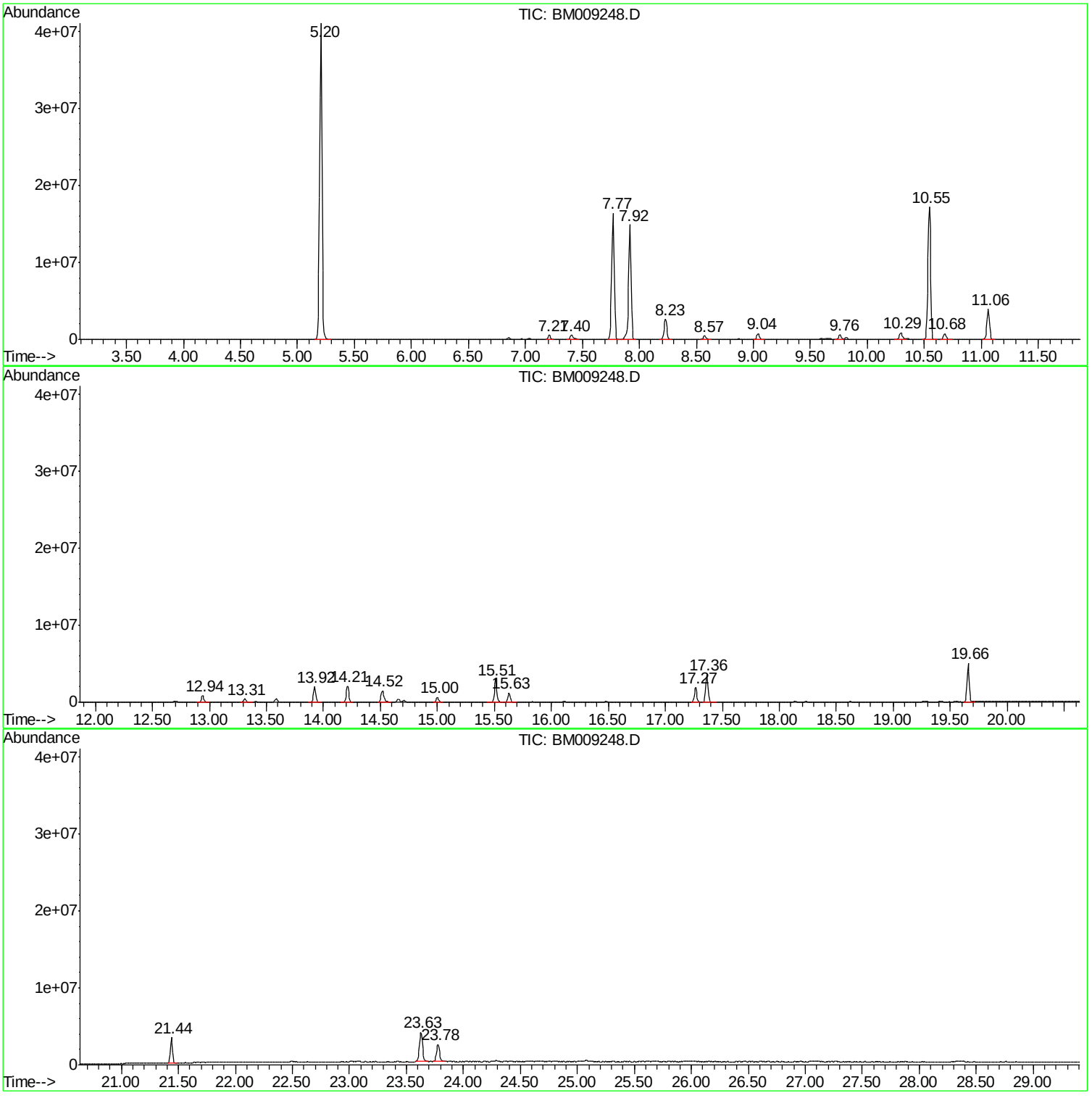
Operator : SJ/MA
Sample : I2181-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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\
Data File : BM009248.D
Acq On : 14 Mar 2017 10:34
Operator : SJ/MA
Sample : I2181-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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

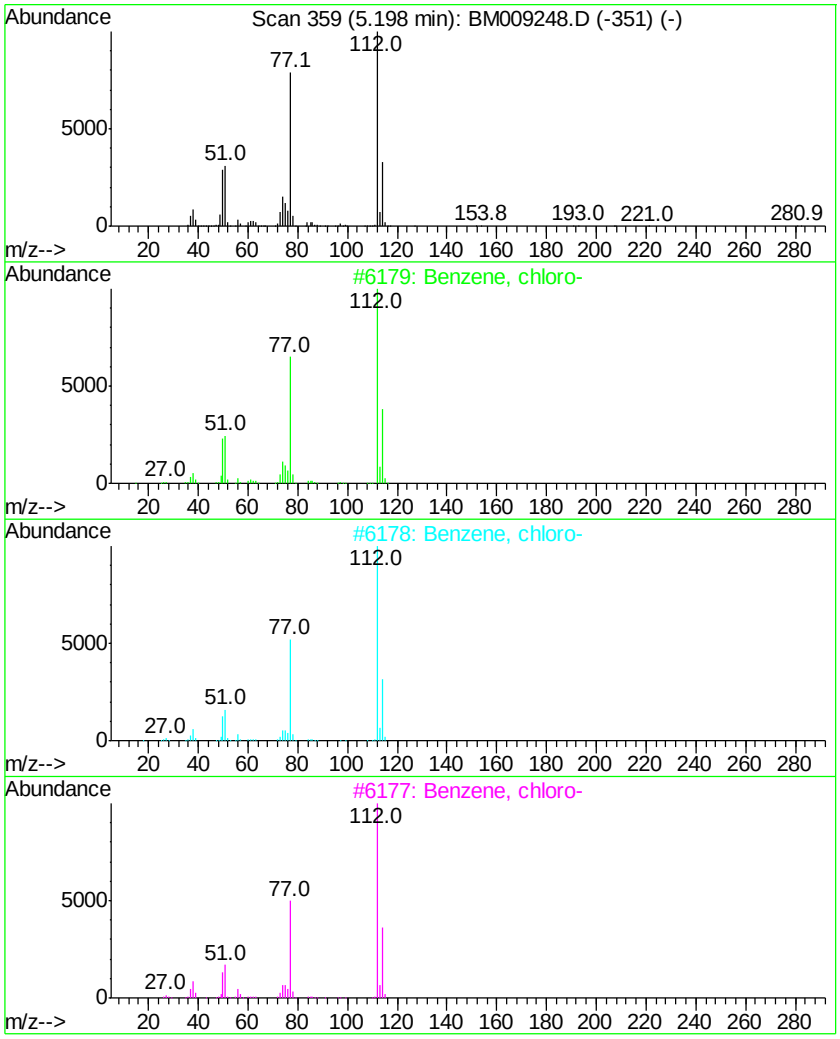
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

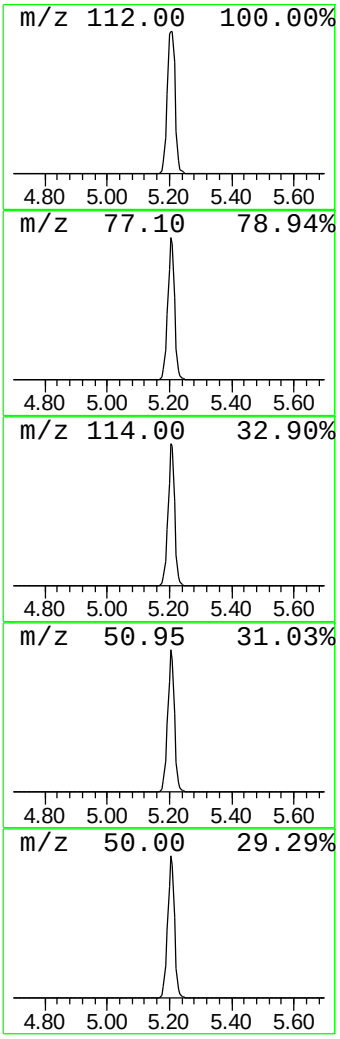
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	52.85 ng/ul	63436700	1,4-Dichlorobenzene-d4	7.88

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	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009248.D
Acq On : 14 Mar 2017 10:34
Operator : SJ/MA
Sample : I2181-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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

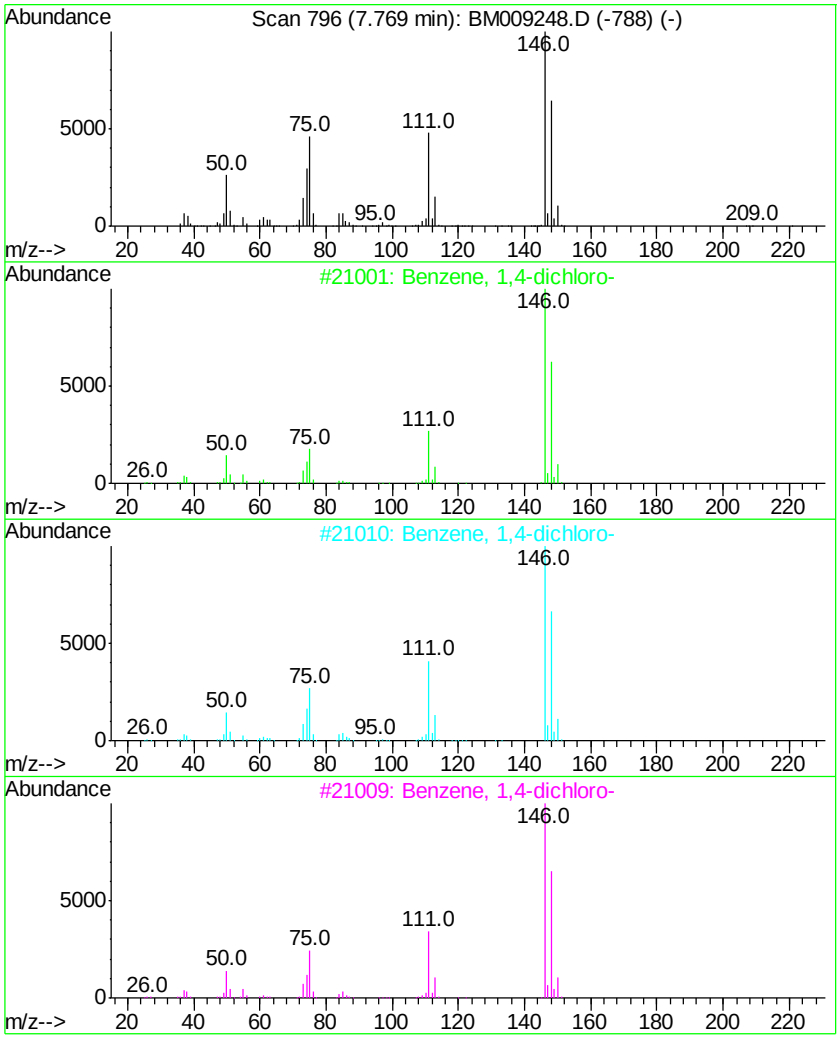
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

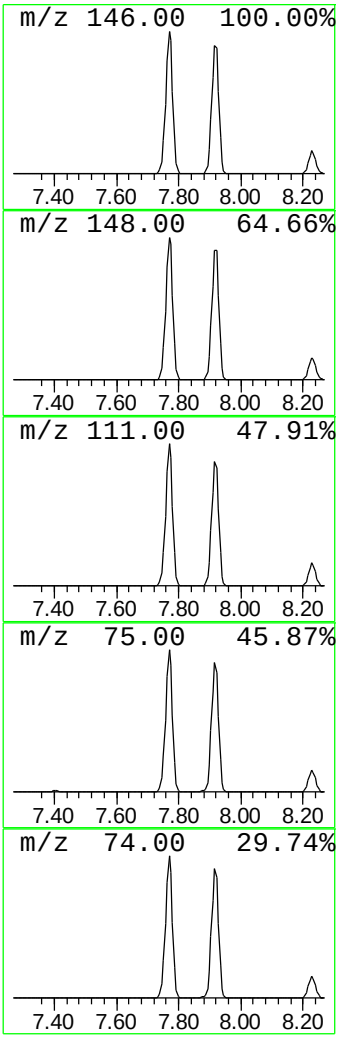
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	21.56 ng/ul	25871900	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, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009248.D
Acq On : 14 Mar 2017 10:34
Operator : SJ/MA
Sample : I2181-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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

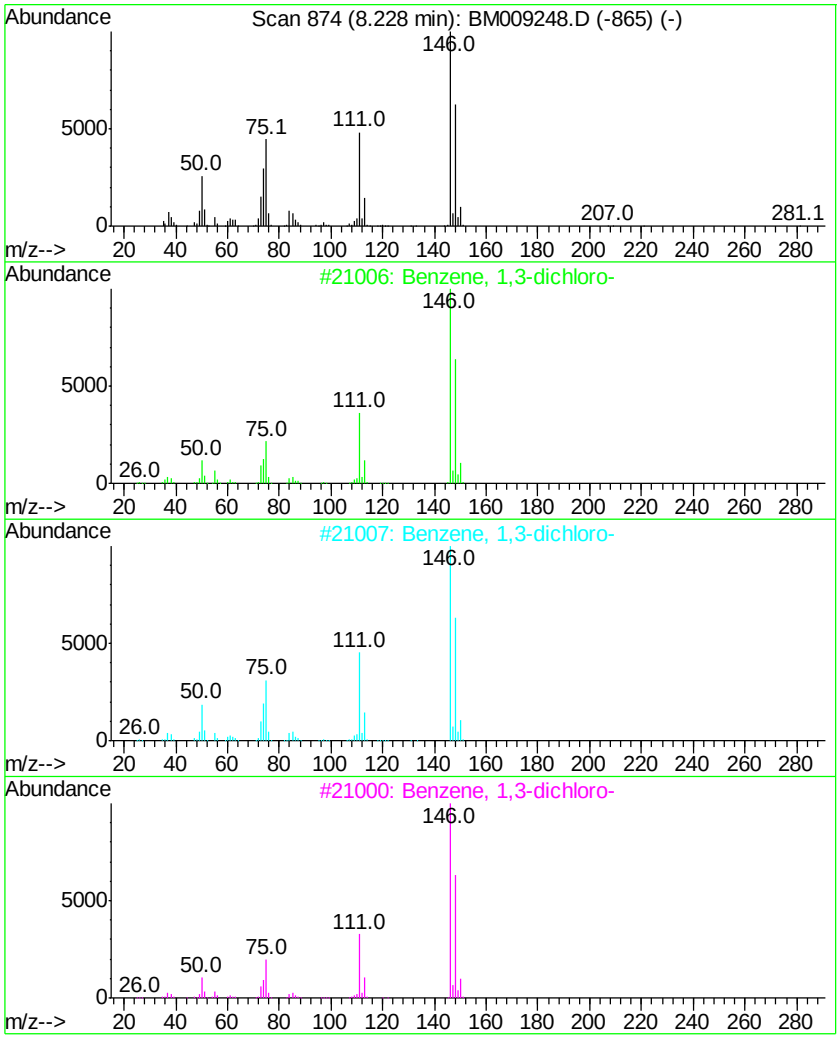
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

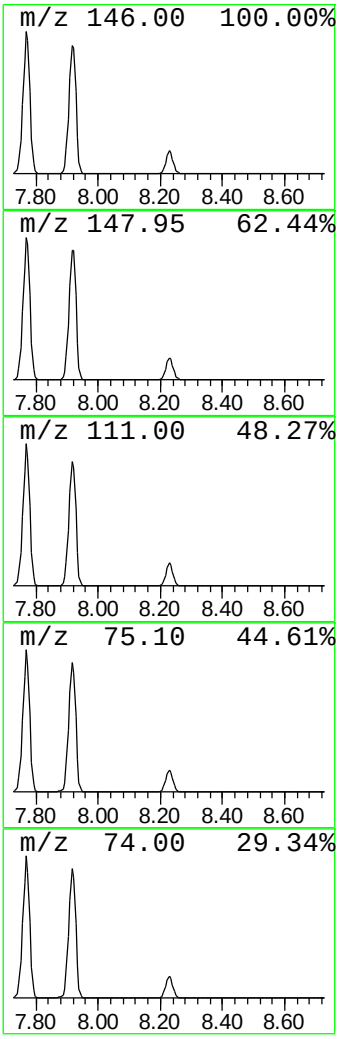
****

Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.55 ng/ul	4263140	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	97
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009248.D
Acq On : 14 Mar 2017 10:34
Operator : SJ/MA
Sample : I2181-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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

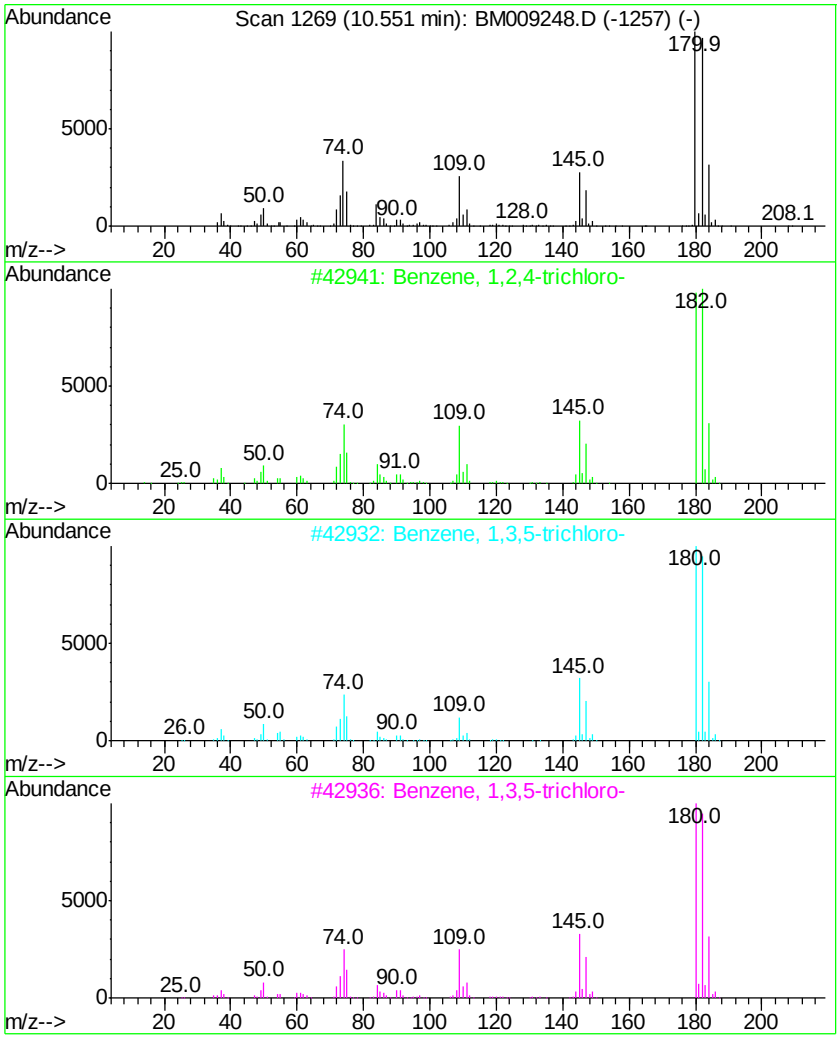
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

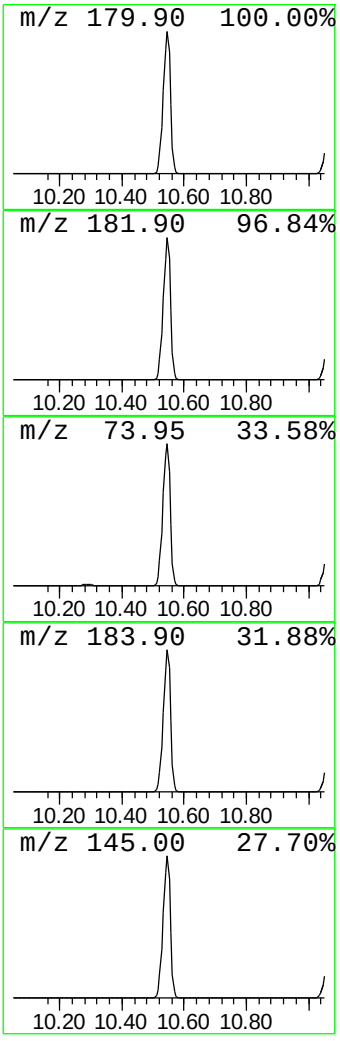
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	435.49 ng/ul	28046800	Naphthalene-d8	10.68

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	97
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009248.D
Acq On : 14 Mar 2017 10:34
Operator : SJ/MA
Sample : I2181-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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

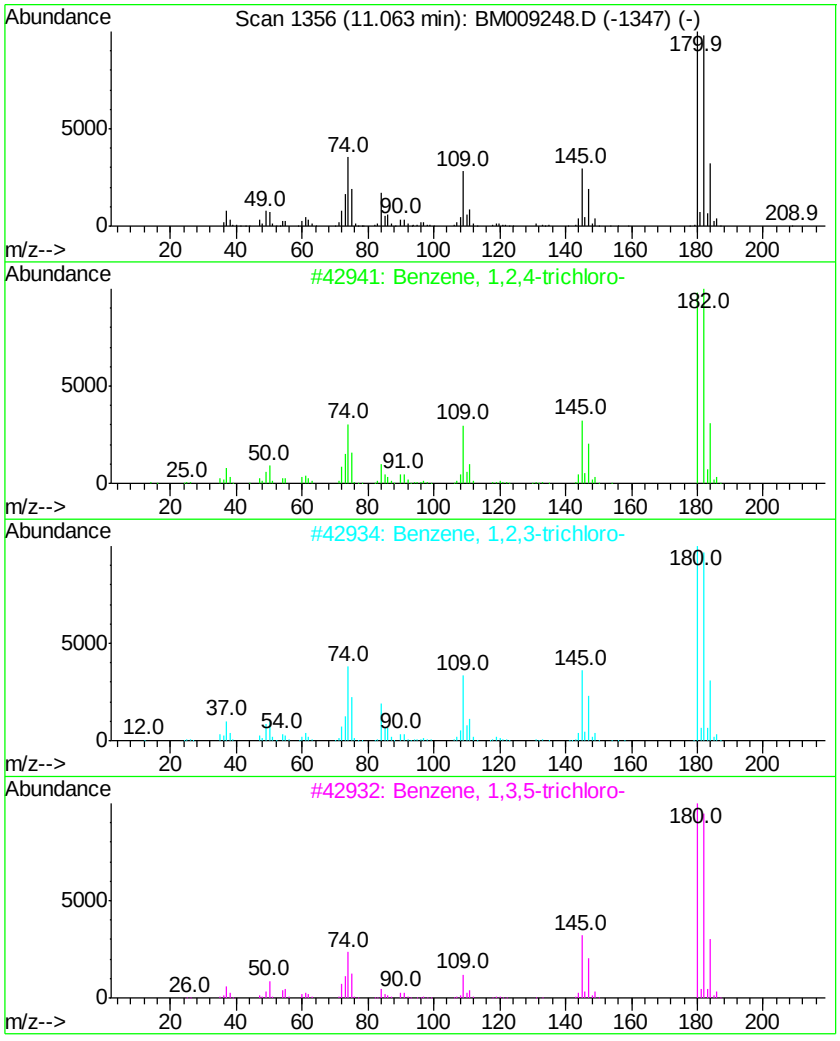
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

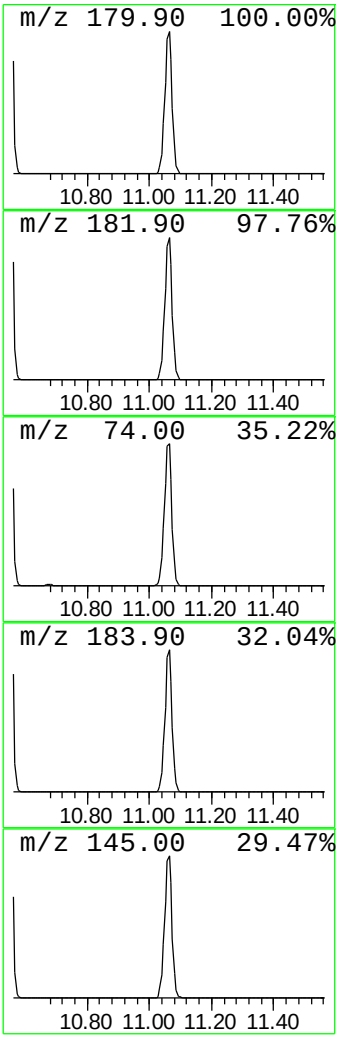
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	100.94 ng/ul	6500700	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH4

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

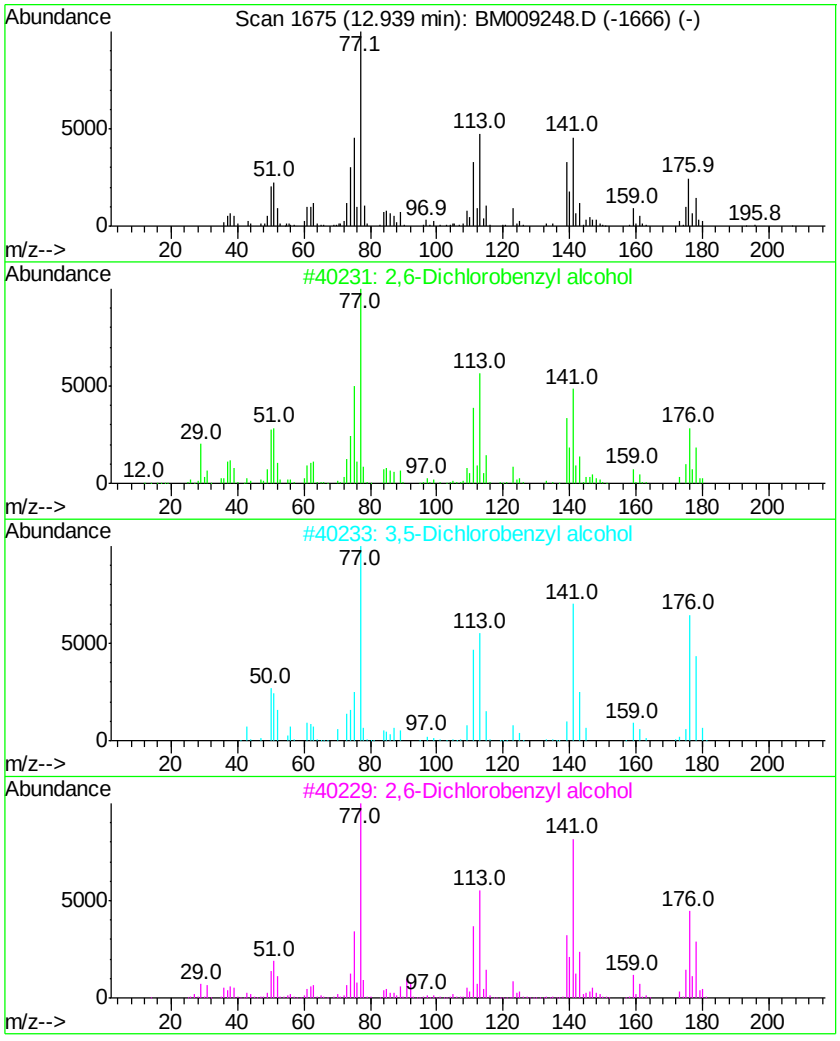
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

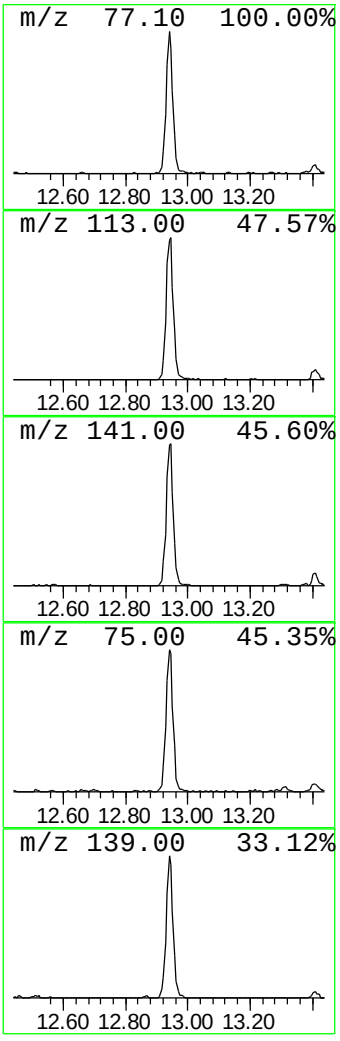
****

Peak Number 6 2,6-Dichlorobenzyl alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	10.21 ng/ul	1357400	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dichlorobenzyl alcohol	176	C7H6Cl2O	015258-73-8	96
2	3,5-Dichlorobenzyl alcohol	176	C7H6Cl2O	060211-57-6	95
3	2,6-Dichlorobenzyl alcohol	176	C7H6Cl2O	015258-73-8	93
4	3,5-Dichlorobenzyl alcohol	176	C7H6Cl2O	060211-57-6	83
5	3,5-Dichlorobenzyl alcohol	176	C7H6Cl2O	060211-57-6	64





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ClientSampleId : C0BH4

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Quant Title : SVOA CALIBRATION

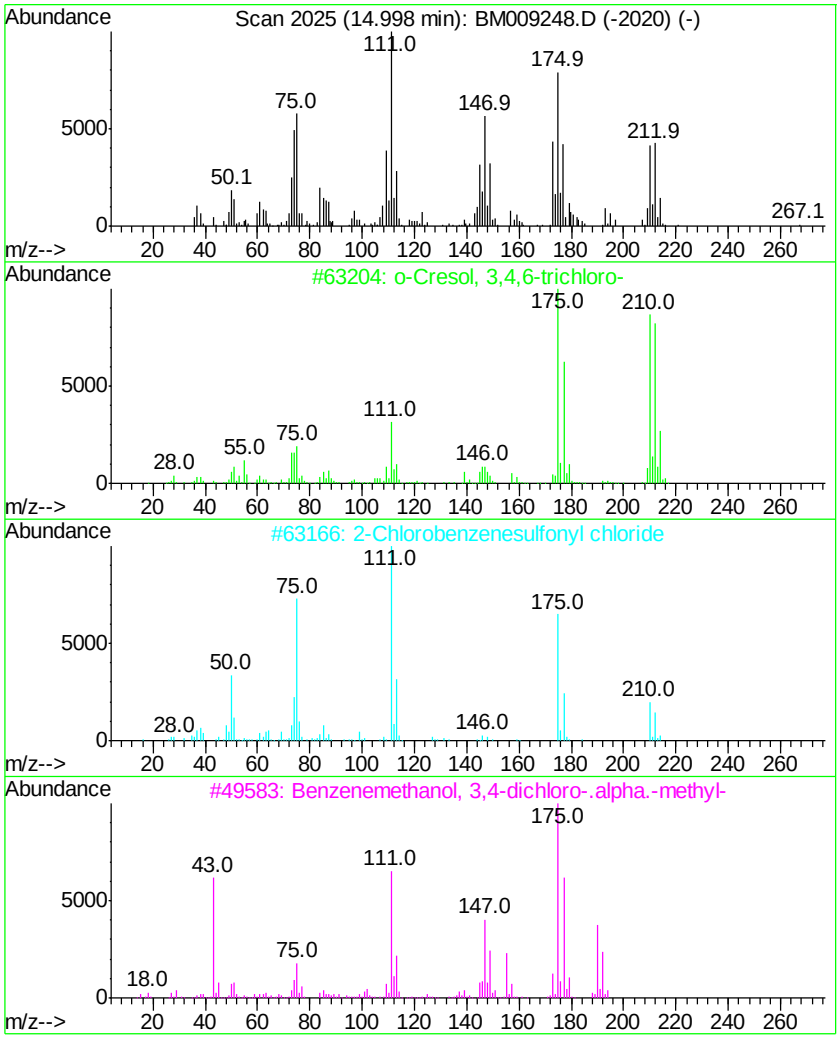
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

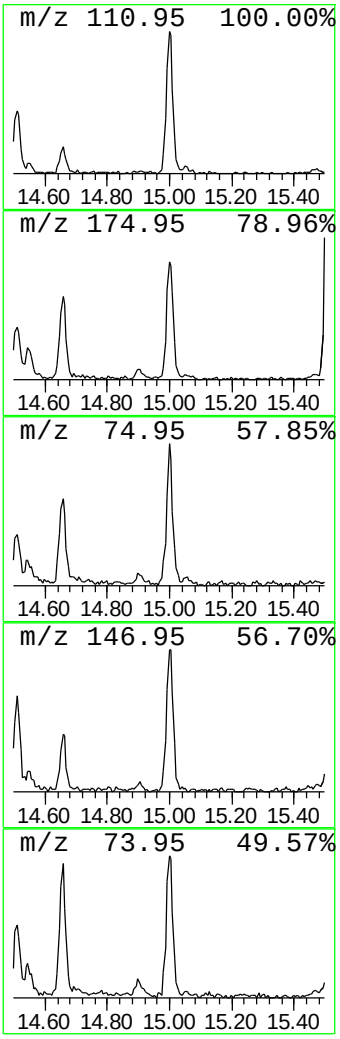
****

Peak Number 7 o-Cresol, 3,4,6-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	7.05 ng/ul	936766	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cresol, 3,4,6-trichloro-	210	C7H5Cl3O	000643-14-1	64
2	2-Chlorobenzenesulfonyl chloride	210	C6H4Cl2O2S	002905-23-9	46
3	Benzenemethanol, 3,4-dichloro-.a...	190	C8H8Cl2O	001475-11-2	43
4	Trichlorophenylsilane	210	C6H5Cl3Si	000098-13-5	38
5	3-Chlorobenzenesulfonyl chloride	210	C6H4Cl2O2S	002888-06-4	37





Tentatively Identified Compound (LSC) summary

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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-	5.20	52.9	ng/ul	63436700	1	7.88	24004300	20.0
Benzene, 1,4-dich...	7.77	21.6	ng/ul	25871900	1	7.88	24004300	20.0
Benzene, 1,3-dich...	8.23	3.5	ng/ul	4263140	1	7.88	24004300	20.0
Benzene, 1,2,4-tr...	10.55	435.5	ng/ul	28046800	2	10.68	1288070	20.0
Benzene, 1,2,3-tr...	11.06	100.9	ng/ul	6500700	2	10.68	1288070	20.0
2,6-Dichlorobenzy...	12.94	10.2	ng/ul	1357400	3	14.52	2659050	20.0
o-Cresol, 3,4,6-t...	15.00	7.0	ng/ul	936766	3	14.52	2659050	20.0