LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
Data File : BM009296.D
Acq On : 20 Mar 2017 15:45
Operator : SJ/MA
Sample : I2303-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG8

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\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	352	359	372	rVB	5945029	9274456	100.00%	12.776%
2	7.028	665	670	680	rVB	135708	215150	2.32%	0.296%
3	7.204	694	700	710	rBV	523941	824855	8.89%	1.136%
4	7.398	727	733	743	rVB	501798	833075	8.98%	1.148%
5	7.763	787	795	802	rVB	172256	281954	3.04%	0.388%
6	7.875	808	814	815	rBV	476510	648294	6.99%	0.893%
7	7.910	815	820	829	rVB	3851774	6094891	65.72%	8.396%
8	8.228	866	874	881	rVB	2837446	4669888	50.35%	6.433%
9	8.569	926	932	943	rBV	427740	663363	7.15%	0.914%
10	9.039	1005	1012	1016	rBV	740167	1251891	13.50%	1.724%
11	9.081	1016	1019	1026	rVB	172973	269151	2.90%	0.371%
12	9.486	1082	1088	1096	rVB	166321	279488	3.01%	0.385%
13	9.757	1127	1134	1144	rBV	628232	1028336	11.09%	1.417%
14	10.286	1217	1224	1234	rBV	858372	1418133	15.29%	1.953%
15	10.533	1259	1266	1274	rBV	637625	1072130	11.56%	1.477%
16	10.675	1283	1290	1298	rVB	708434	1201988	12.96%	1.656%
17	11.051	1348	1354	1361	rVB4	68762	119297	1.29%	0.164%
18	13.321	1733	1740	1746	rBV2	530121	827421	8.92%	1.140%
19	13.527	1767	1775	1782	rBV	331813	501269	5.40%	0.691%
20	13.921	1831	1842	1848	rBV	1855656	2698405	29.10%	3.717%
21	14.210	1884	1891	1898	rBV	2027062	2954883	31.86%	4.070%
22	14.516	1934	1943	1954	rBV2	1207095	1950710	21.03%	2.687%
23	14.704	1969	1975	1988	rBV2	155607	281551	3.04%	0.388%
24	15.510	2103	2112	2118	rBV	2740919	3965735	42.76%	5.463%
25	15.627	2126	2132	2144	rVB	1028775	1469292	15.84%	2.024%
26	17.262	2402	2410	2416	rBV	1740978	2443546	26.35%	3.366%
27	17.362	2420	2427	2436	rBV	3468297	4796623	51.72%	6.607%
28	19.292	2745	2755	2763	rBV2	95722	191511	2.06%	0.264%
29	19.650	2810	2816	2824	rBV	4480965	5989904	64.58%	8.251%
30	21.433	3114	3119	3125	rBV	3045726	3670969	39.58%	5.057%
31	23.621	3483	3491	3499	rBV2	3451632	6737635	72.65%	9.281%
32	23.768	3509	3516	3524	rVB	1933671	3686952	39.75%	5.079%
33	24.280	3599	3603	3610	rVB5	146195	282004	3.04%	0.388%

LSC Area Percent Report

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Data File : BM009296.D
Acq On : 20 Mar 2017 15:45
Operator : SJ/MA
Sample : I2303-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG8

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\SOM-EPA-BM031317MA.M
Title : SVOA CALIBRATION

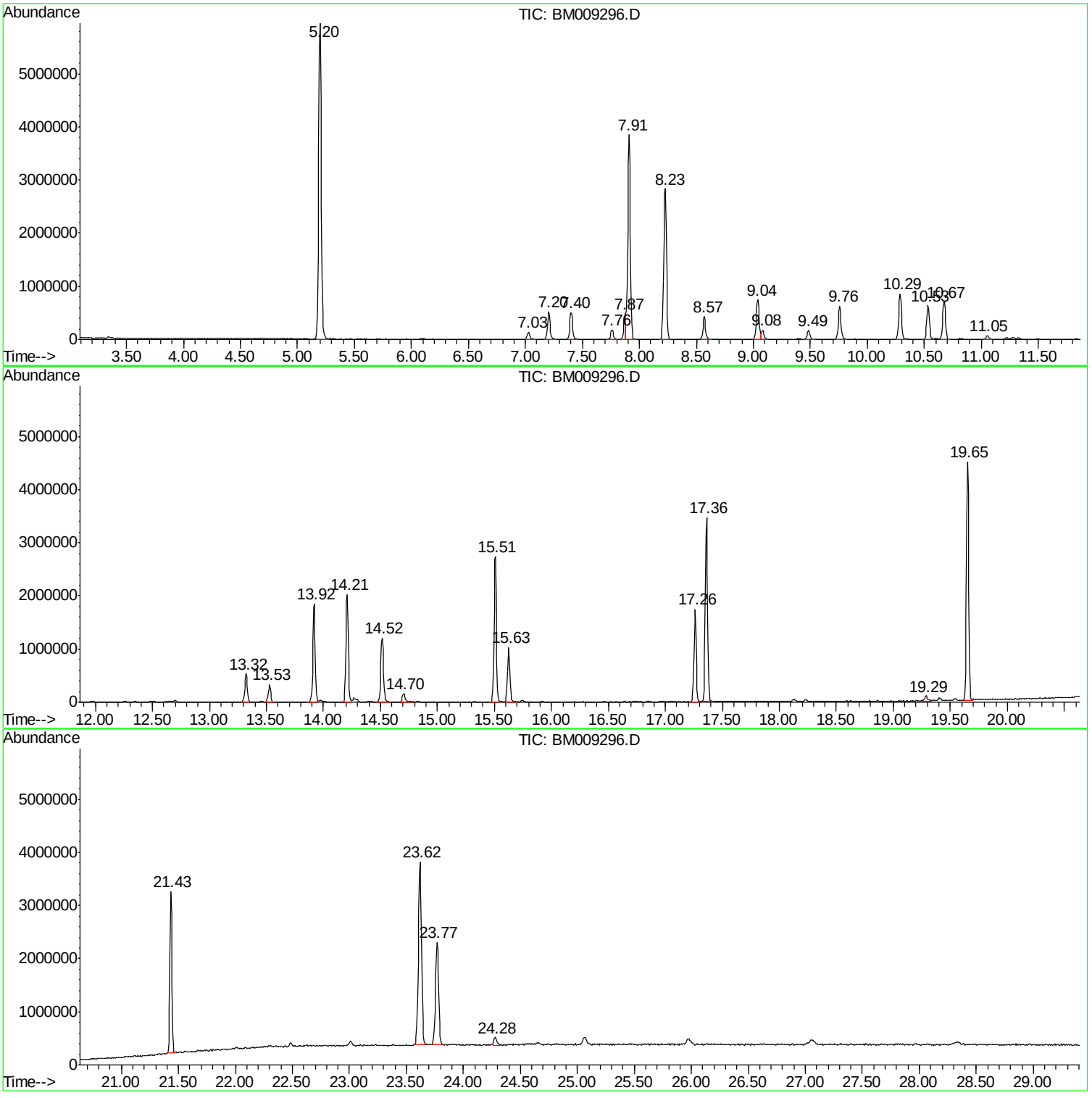
Sum of corrected areas: 72594750

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
Data File : BM009296.D
Acq On : 20 Mar 2017 15:45
Operator : SJ/MA
Sample : I2303-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BG8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\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\BM032017\
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Acq On : 20 Mar 2017 15:45
Operator : SJ/MA
Sample : I2303-05
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

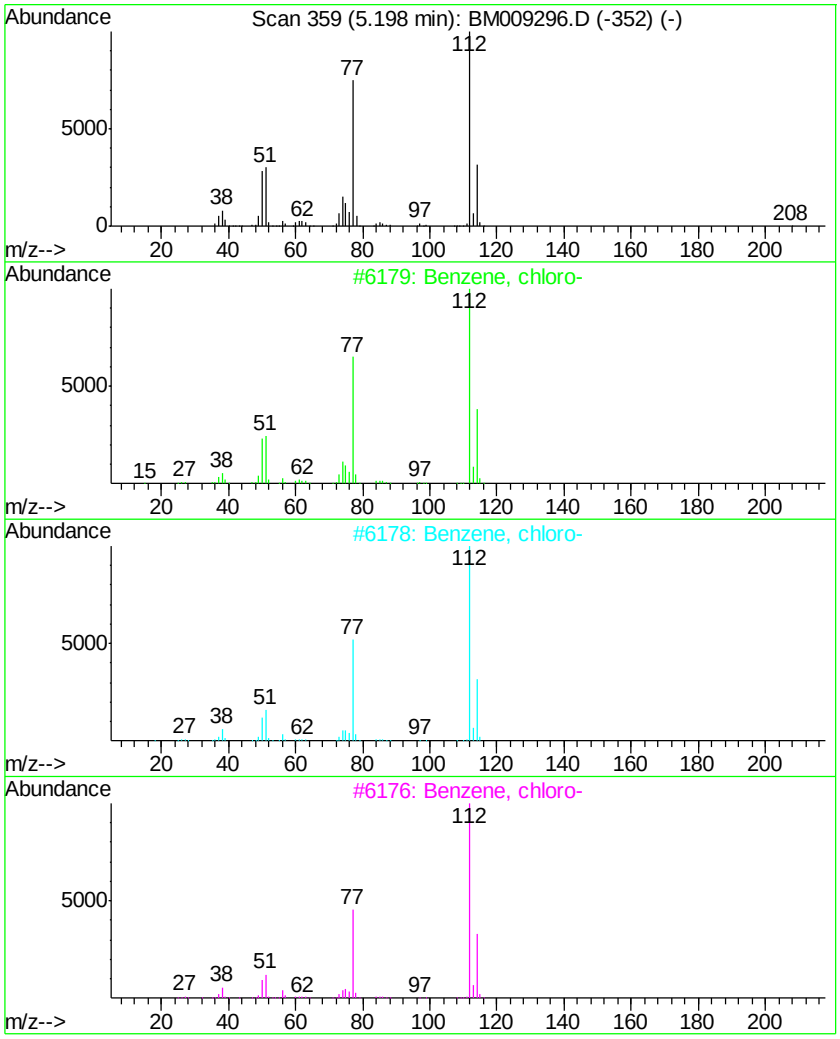
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

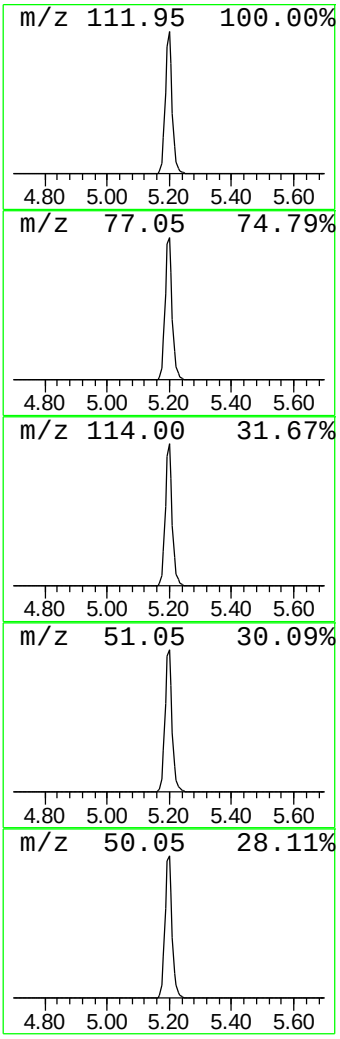
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	286.12 ng/ul	9274460	1,4-Dichlorobenzene-d4	7.87

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	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
Data File : BM009296.D
Acq On : 20 Mar 2017 15:45
Operator : SJ/MA
Sample : I2303-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG8

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

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

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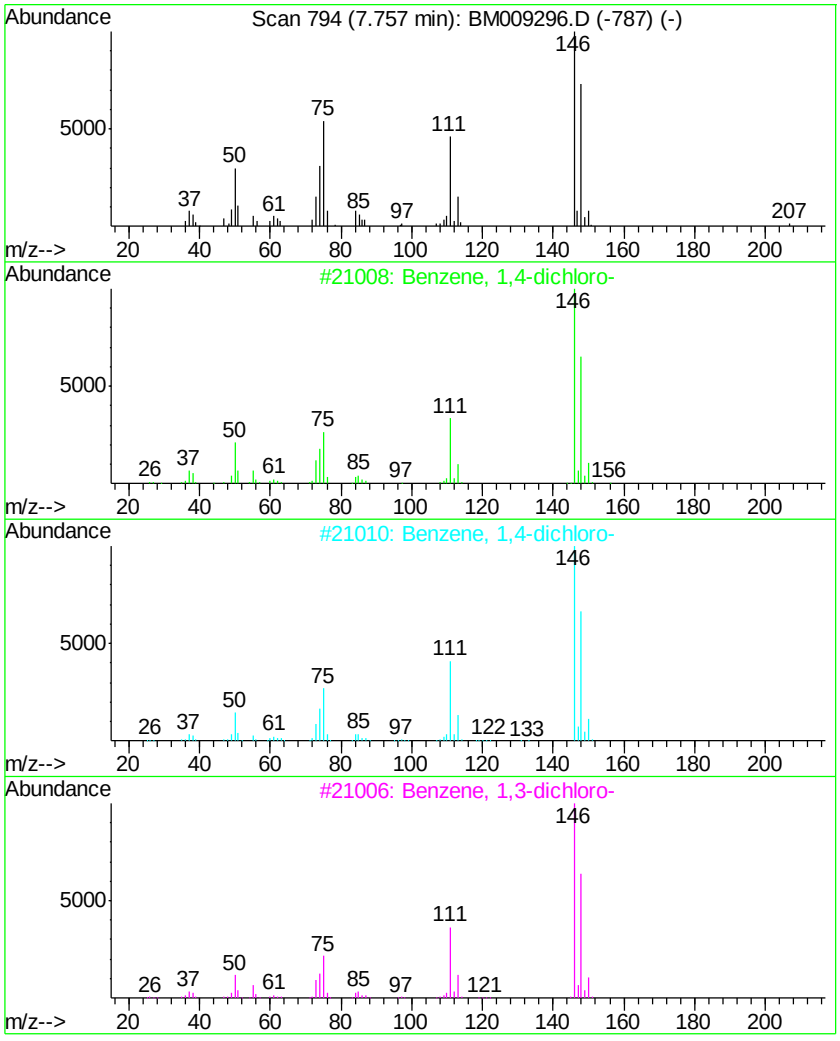
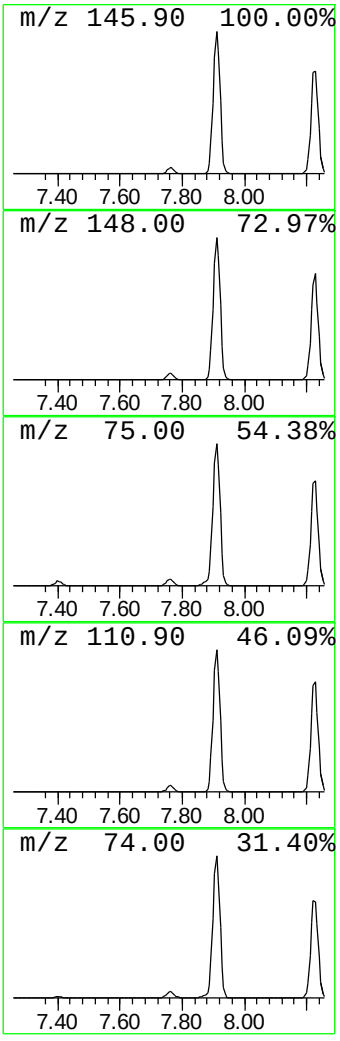
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	8.70 ng/ul	281954	1,4-Dichlorobenzene-d4	7.87

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	95
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
Data File : BM009296.D
Acq On : 20 Mar 2017 15:45
Operator : SJ/MA
Sample : I2303-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG8

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

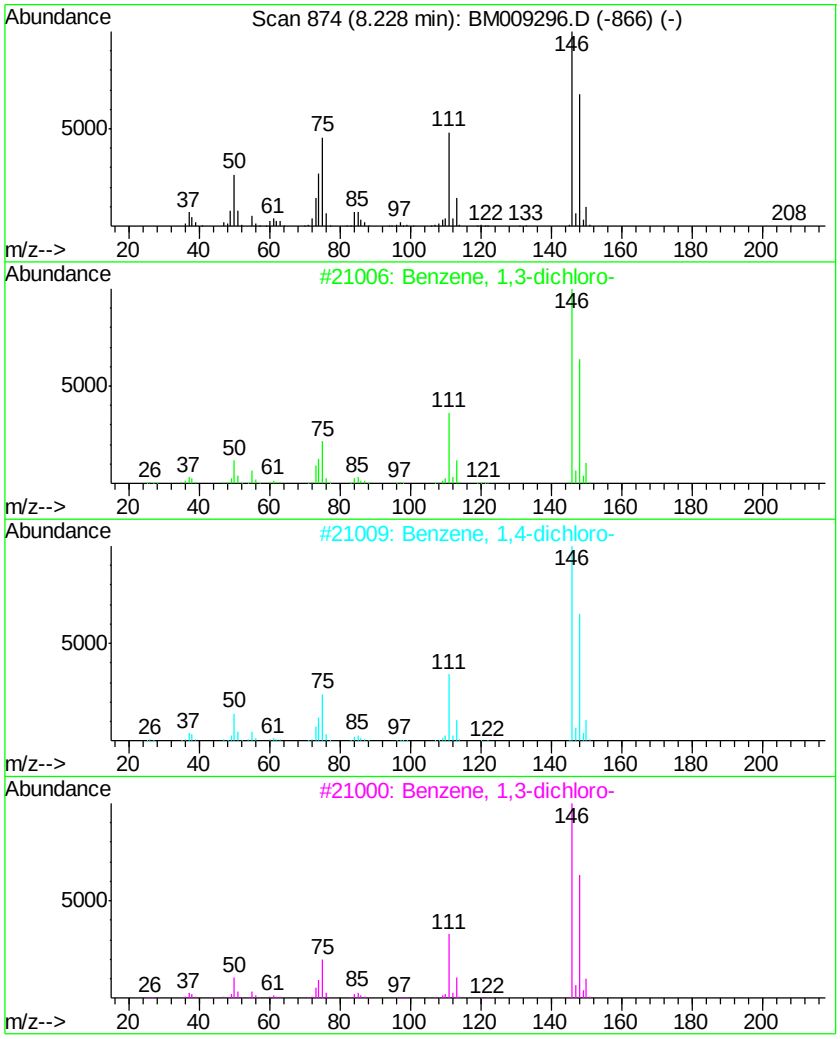
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

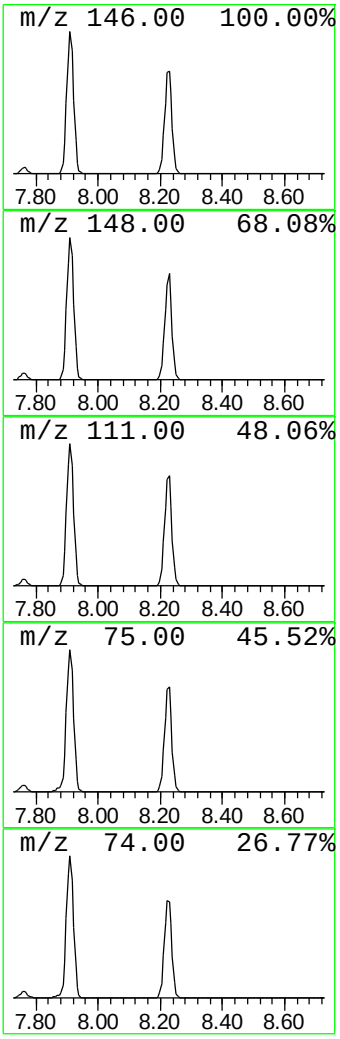
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	144.07 ng/ul	4669890	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





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Sample : I2303-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG8

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

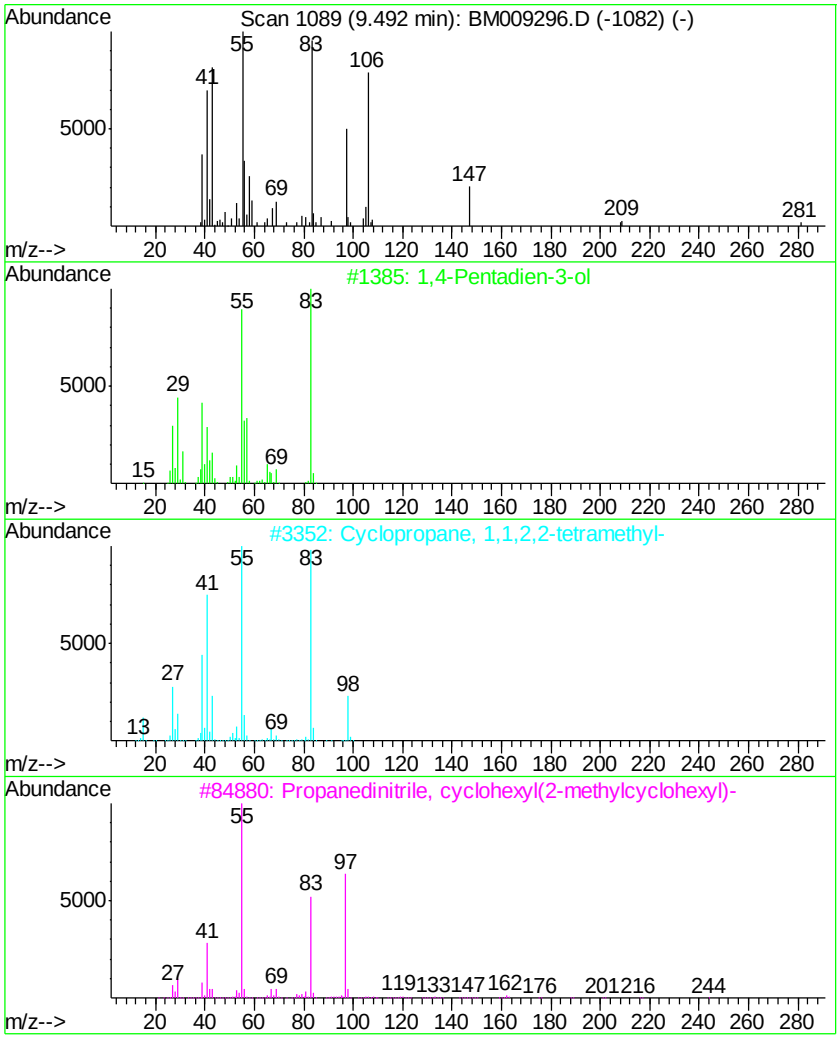
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

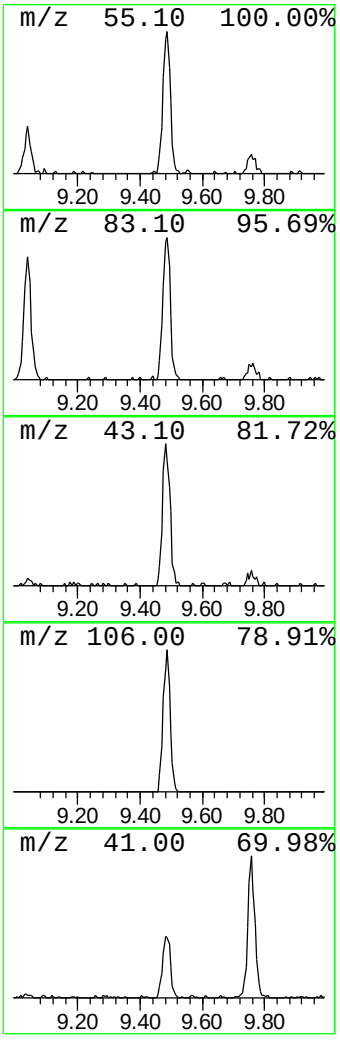
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.65 ng/ul	279488	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	41
2	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	35
3	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	27
4	Pentanol, 4-methyl-4-nitro-	147	C6H13NO3	005215-92-9	27
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	25





Library Search Compound Report

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Sample : I2303-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG8

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

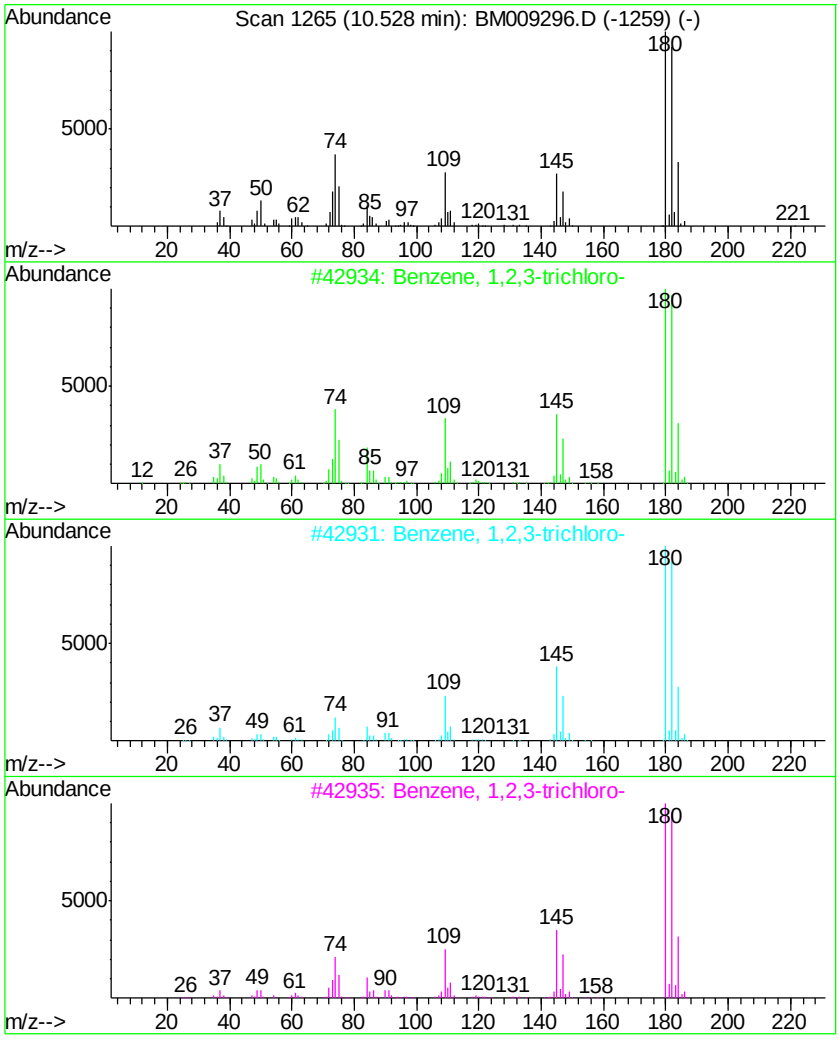
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

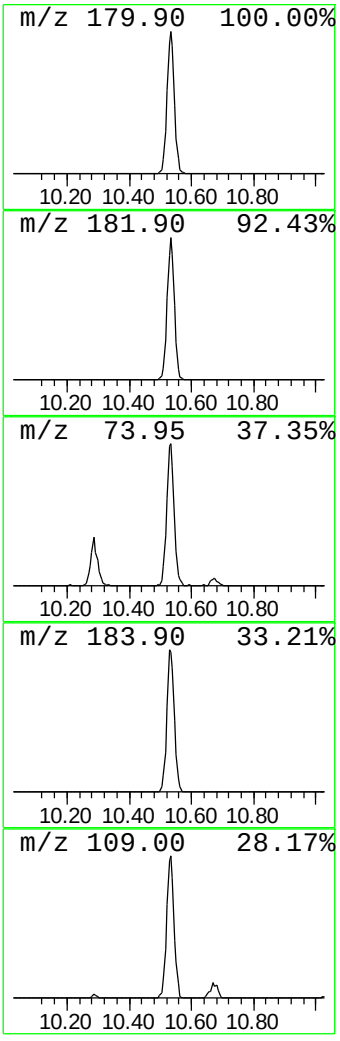
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	17.84 ng/ul	1072130	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





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Misc :
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Instrument : BNA_M
ClientSampleId : C0BG8

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

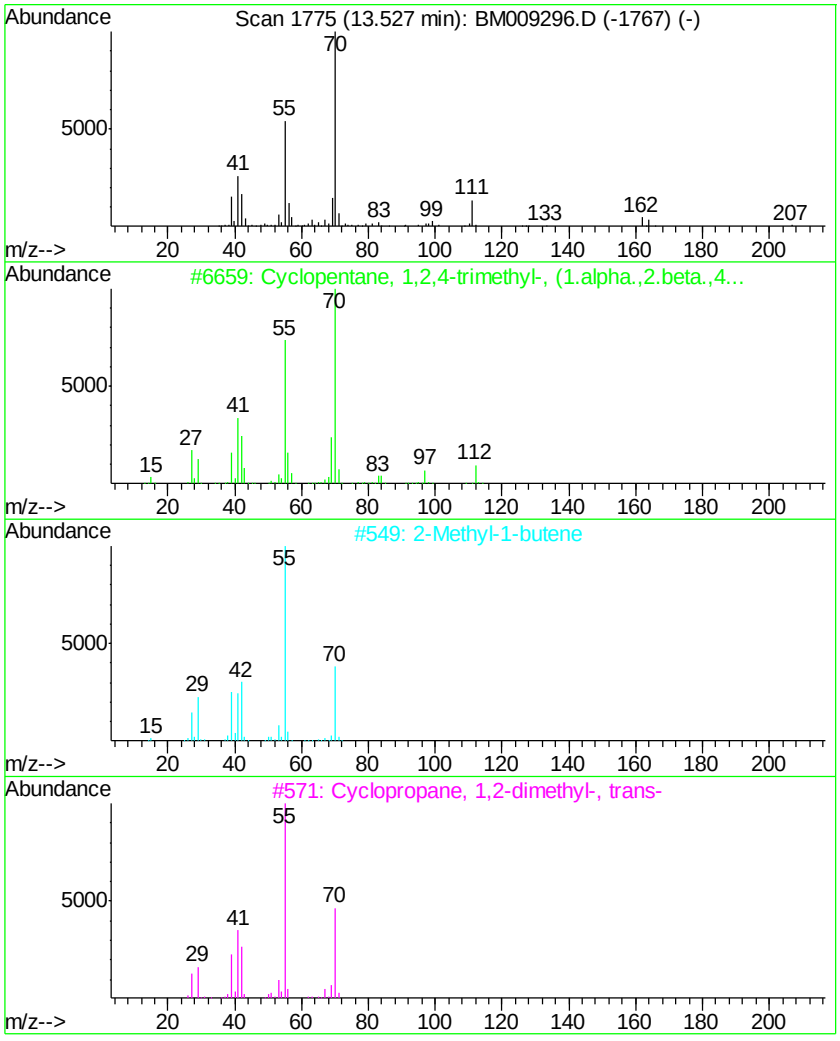
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

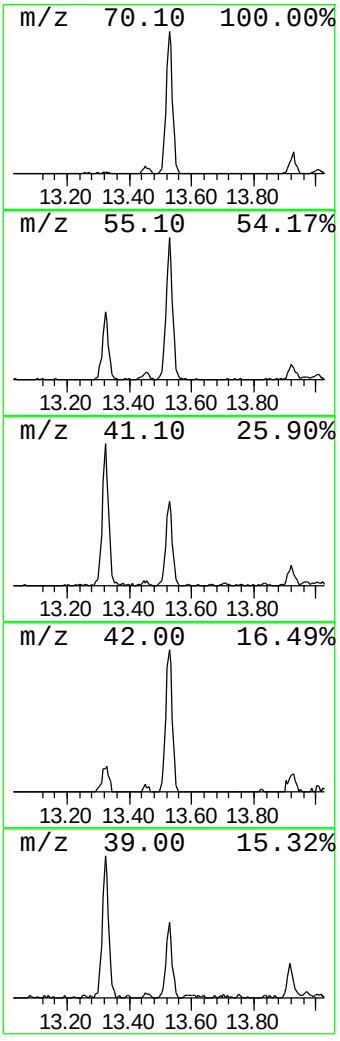
****

Peak Number 6 (DEL) Alkane: Cyclic13.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	5.14 ng/ul	501269	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	59
2	2-Methyl-1-butene	70	C5H10	000563-46-2	53
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	53
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	50
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	50





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C0BG8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.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-	5.20	286.1	ng/ul	9274460	1	7.87	648294	20.0
Benzene, 1,4-dich...	7.76	8.7	ng/ul	281954	1	7.87	648294	20.0
Benzene, 1,3-dich...	8.23	144.1	ng/ul	4669890	1	7.87	648294	20.0
unknown-01	9.49	4.7	ng/ul	279488	2	10.67	1201990	20.0
Benzene, 1,2,3-tr...	10.53	17.8	ng/ul	1072130	2	10.67	1201990	20.0
(DEL) Alkane: Cyc...	13.53	5.1	ng/ul	501269	3	14.52	1950710	20.0