LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026472.D
Acq On : 29 Mar 2017 1:57
Operator : SJ/MA
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

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_G\METHODS\SOM-EPA-BG032717MA.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	3.116	3	5	26	rVB	1433335	2310996	2.57%	0.495%
2	5.384	378	391	398	rBV4	19161486	88319402	98.35%	18.935%
3	7.370	722	729	741	rBV	558538	938717	1.05%	0.201%
4	7.581	757	765	777	rBV	552041	1031399	1.15%	0.221%
5	7.952	816	828	839	rBV	14752034	33901678	37.75%	7.268%
6	8.122	839	857	863	rBV3	21885780	76794619	85.52%	16.465%
7	8.457	896	914	919	rBV3	22365242	89798060	100.00%	19.252%
8	9.203	1033	1041	1059	rBV	598069	1089749	1.21%	0.234%
9	9.538	1090	1098	1109	rBV	1488073	2525969	2.81%	0.542%
10	9.855	1147	1152	1158	rVV	814974	1588429	1.77%	0.341%
11	10.472	1250	1257	1265	rBV	739540	1478171	1.65%	0.317%
12	10.760	1289	1306	1311	rBV2	23596124	85601234	95.33%	18.353%
13	10.866	1317	1324	1329	rBV	841659	1401893	1.56%	0.301%
14	11.248	1377	1389	1408	rBV	15378700	33803024	37.64%	7.247%
15	12.858	1659	1663	1670	rVB	1216780	1929051	2.15%	0.414%
16	13.463	1758	1766	1778	rBV	4972464	8123006	9.05%	1.742%
17	14.050	1858	1866	1872	rBV	1543877	2389346	2.66%	0.512%
18	14.115	1872	1877	1884	rVB	641257	1001488	1.12%	0.215%
19	14.344	1909	1916	1926	rVB	1848429	2907327	3.24%	0.623%
20	14.650	1960	1968	1980	rBV2	1281575	2076469	2.31%	0.445%
21	15.637	2129	2136	2143	rBV	2435197	3747355	4.17%	0.803%
22	15.748	2150	2155	2163	rBV	728421	1076444	1.20%	0.231%
23	17.382	2424	2433	2443	rBV	1573994	2416189	2.69%	0.518%
24	17.482	2443	2450	2462	rVB2	2578417	4031396	4.49%	0.864%
25	19.755	2830	2837	2844	rBV	3381914	4933441	5.49%	1.058%
26	21.624	3148	3155	3165	rBV	1854868	3018816	3.36%	0.647%
27	24.591	3647	3660	3674	rBV2	1789623	5004029	5.57%	1.073%
28	24.802	3685	3696	3710	rBV2	1143267	3185494	3.55%	0.683%

Sum of corrected areas: 466423191

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
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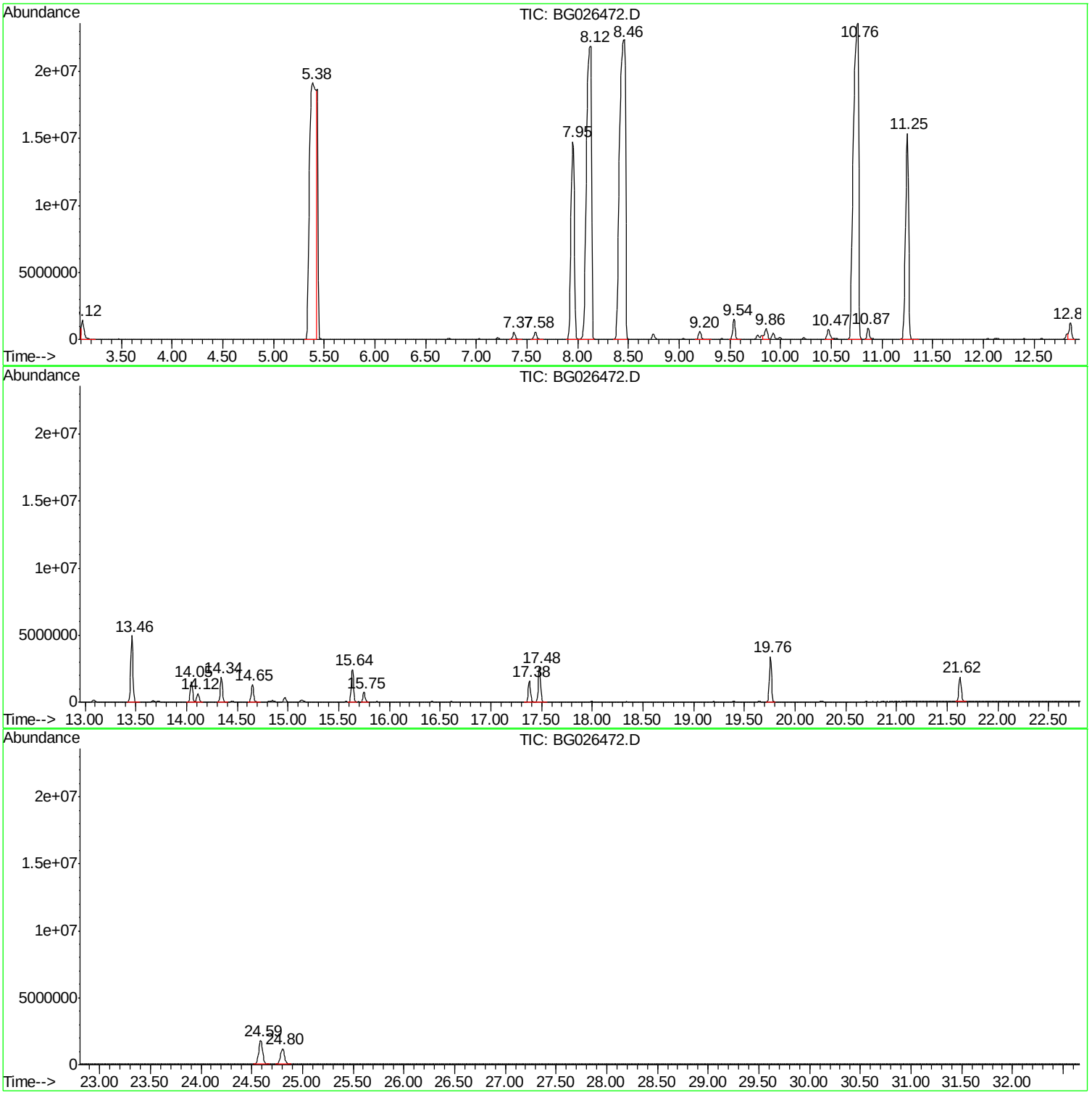
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.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_G\DATA\BG032817\
Data File : BG026472.D
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Operator : SJ/MA
Sample : I2391-01
Misc :
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Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

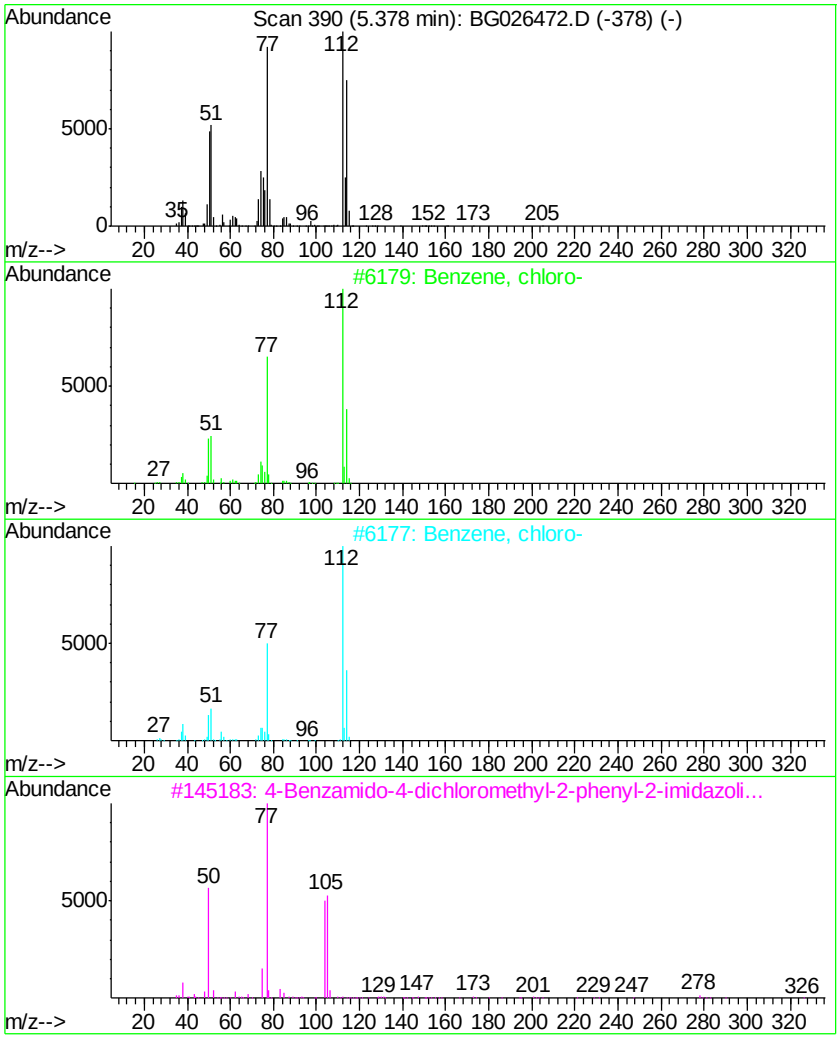
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

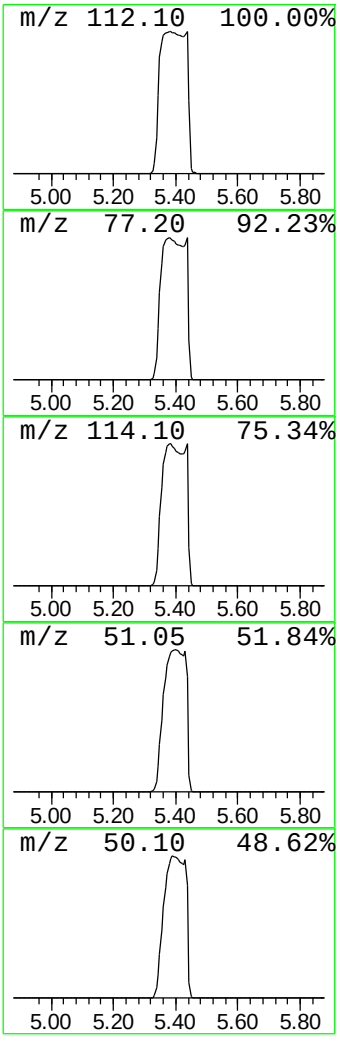
****

Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	23.00 ng/ul	88319400	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	87
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	38
3	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	25
4	Pyridine, 4-chloro-	113	C5H4ClN	000626-61-9	15
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	10





Library Search Compound Report

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Data File : BG026472.D
Acq On : 29 Mar 2017 1:57
Operator : SJ/MA
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

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

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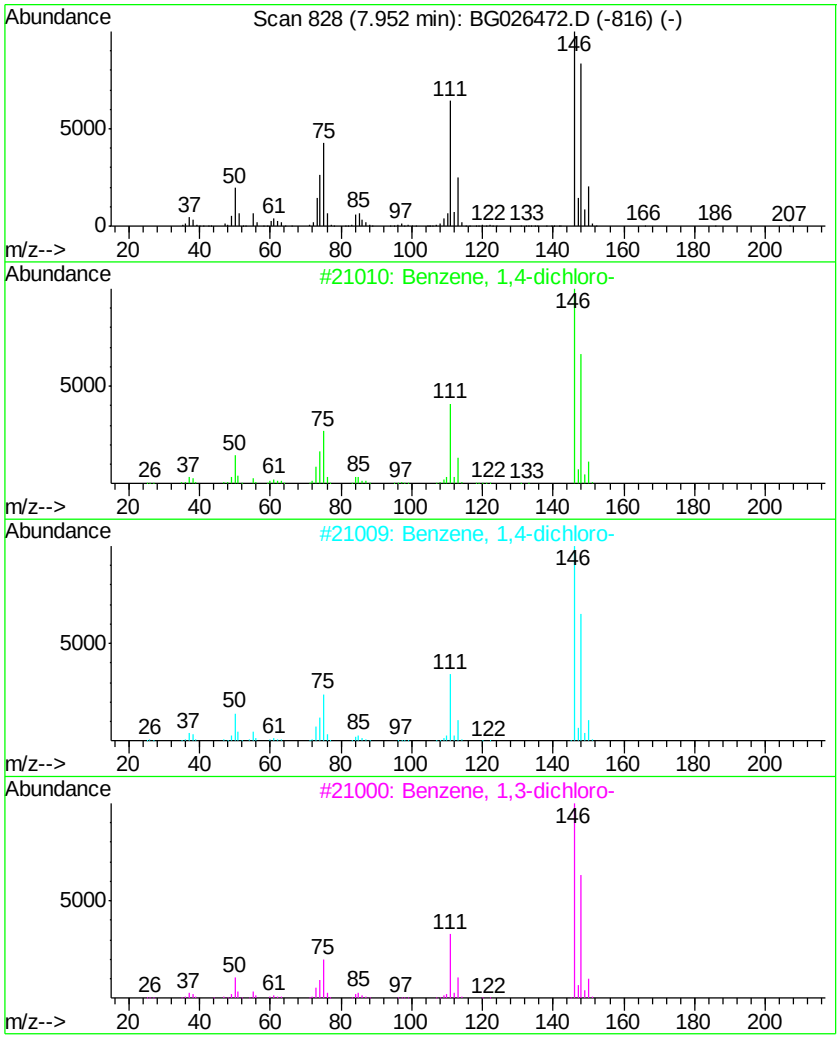
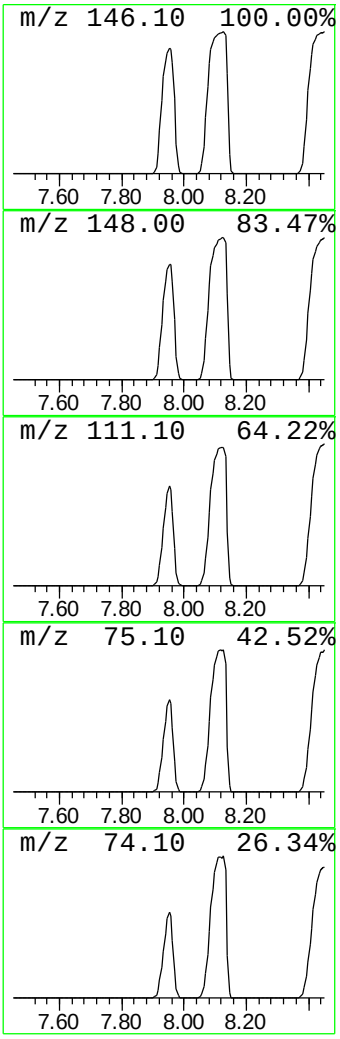
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	8.83 ng/ul	33901700	1,4-Dichlorobenzene-d4	8.06

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





Library Search Compound Report

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Data File : BG026472.D
Acq On : 29 Mar 2017 1:57
Operator : SJ/MA
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

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

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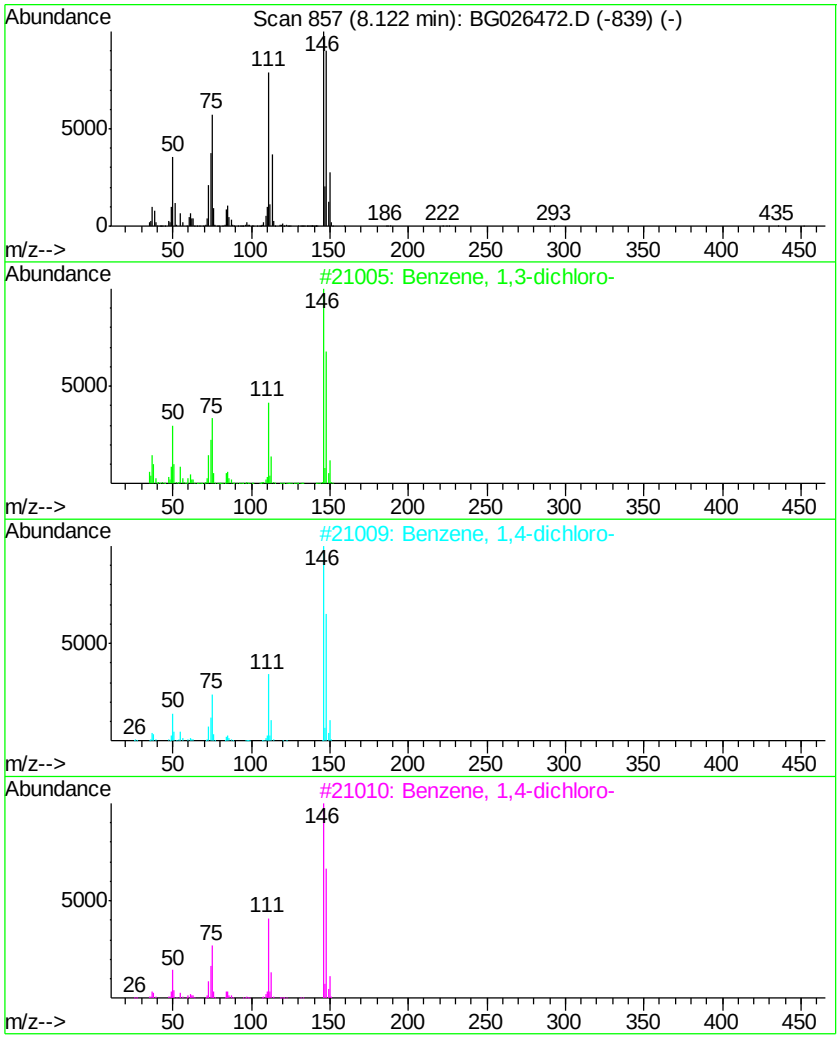
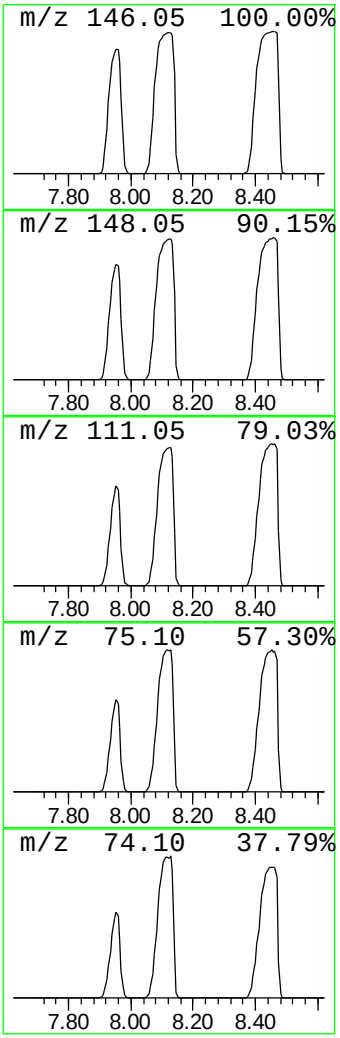
Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	20.00 ng/ul	76794600	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	93
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	90
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	87
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	87
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026472.D
Acq On : 29 Mar 2017 1:57
Operator : SJ/MA
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

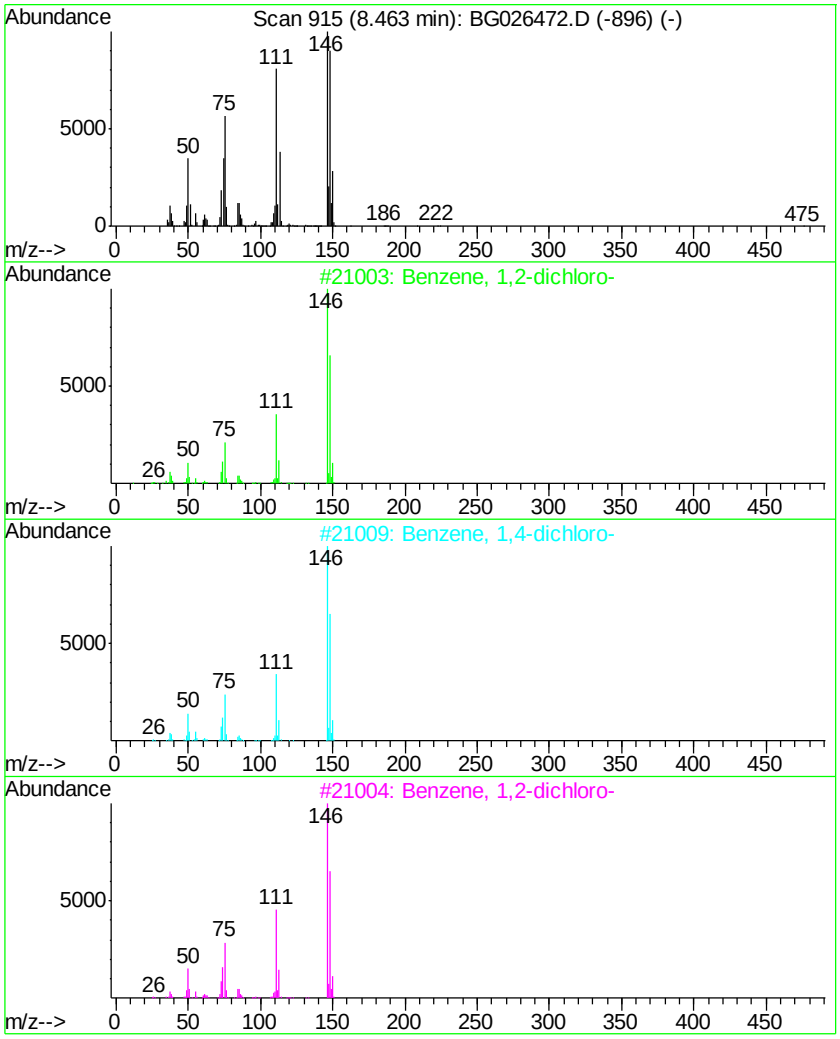
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

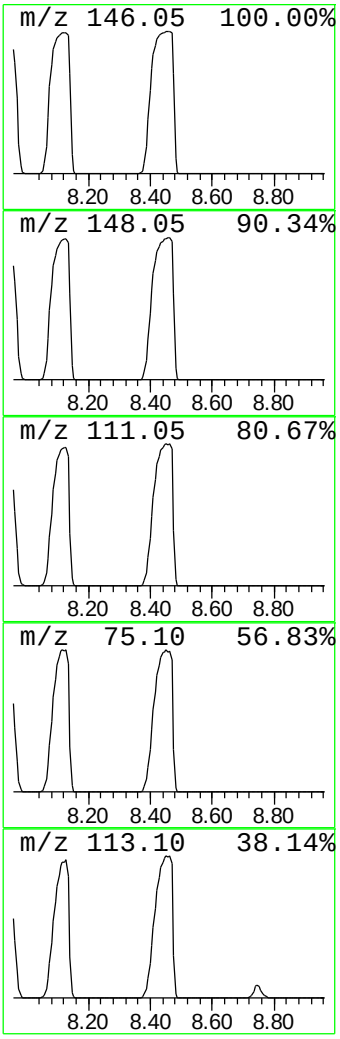
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	23.39 ng/ul	89798100	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	93
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	90
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026472.D
Acq On : 29 Mar 2017 1:57
Operator : SJ/MA
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

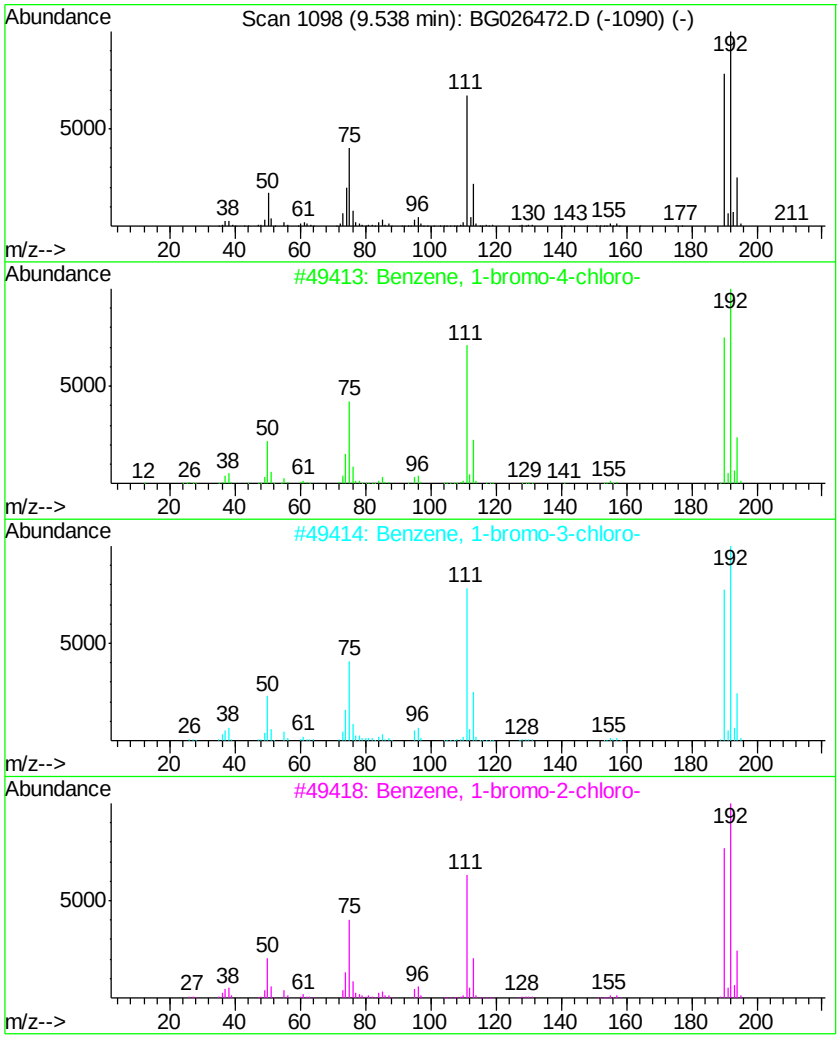
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

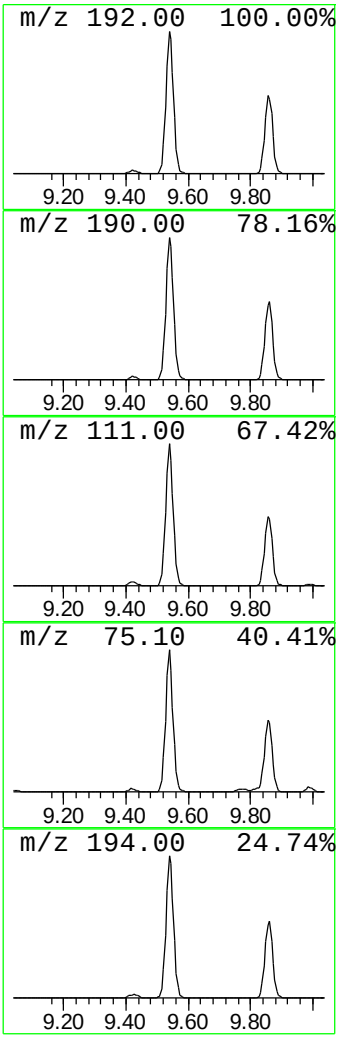
****

Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	36.04 ng/ul	2525970	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
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Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

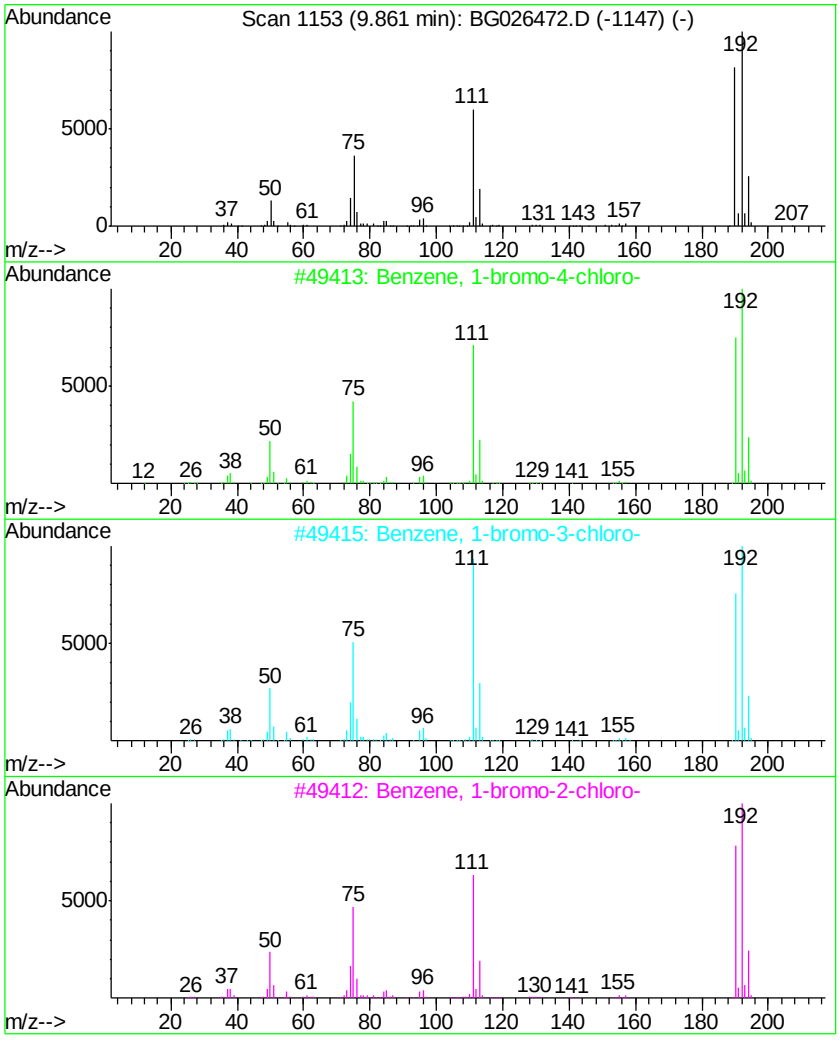
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

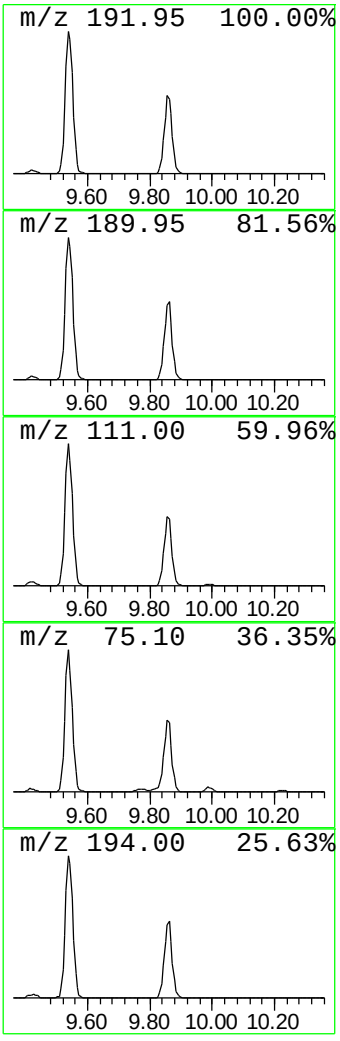
****

Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	22.66 ng/ul	1588430	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026472.D
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Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

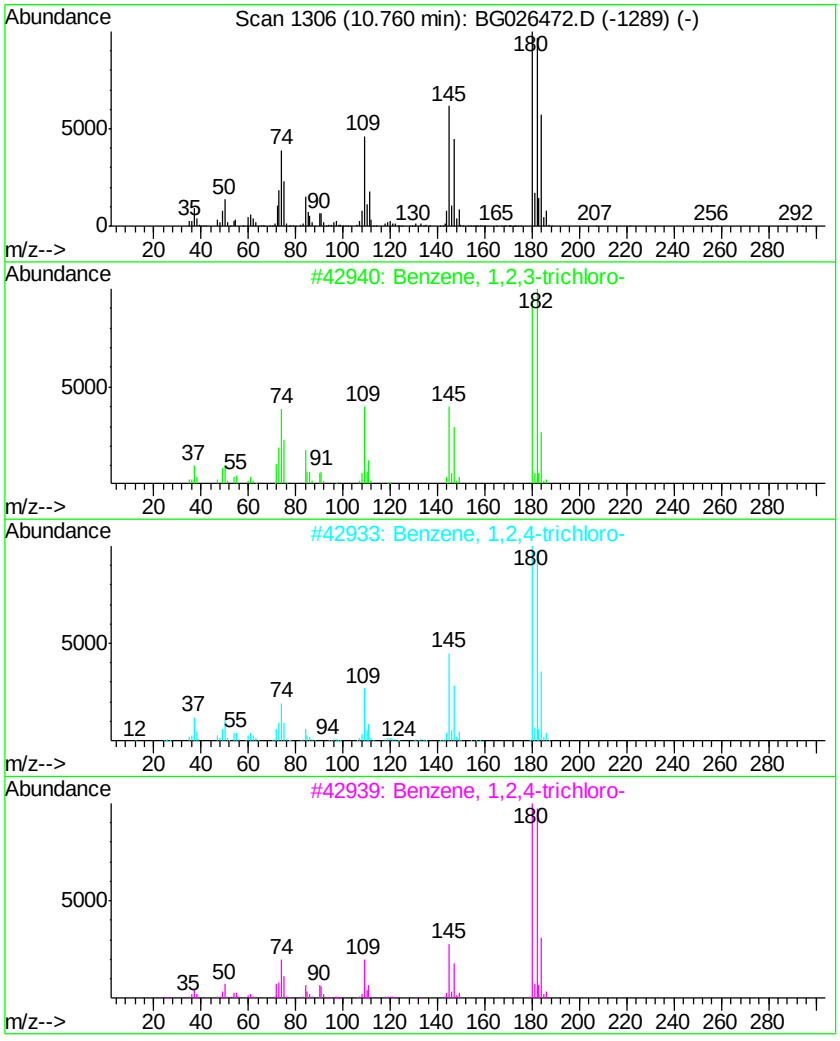
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

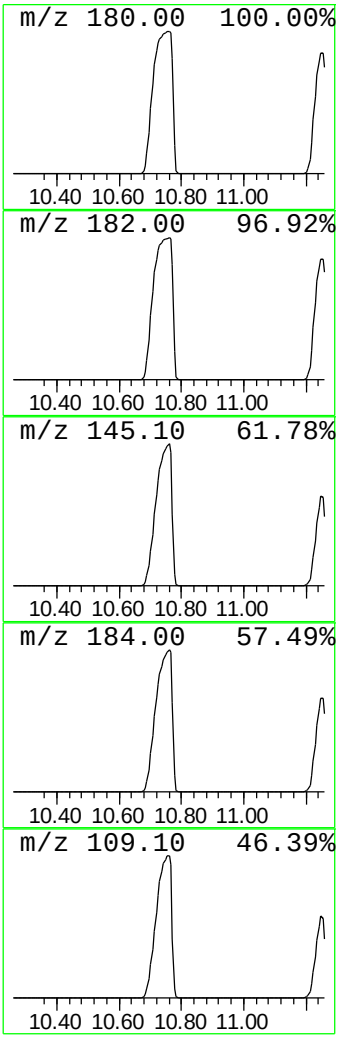
****

Peak Number 7 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1221.22 ng/ul	85601200	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	91
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	90
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	81
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	81





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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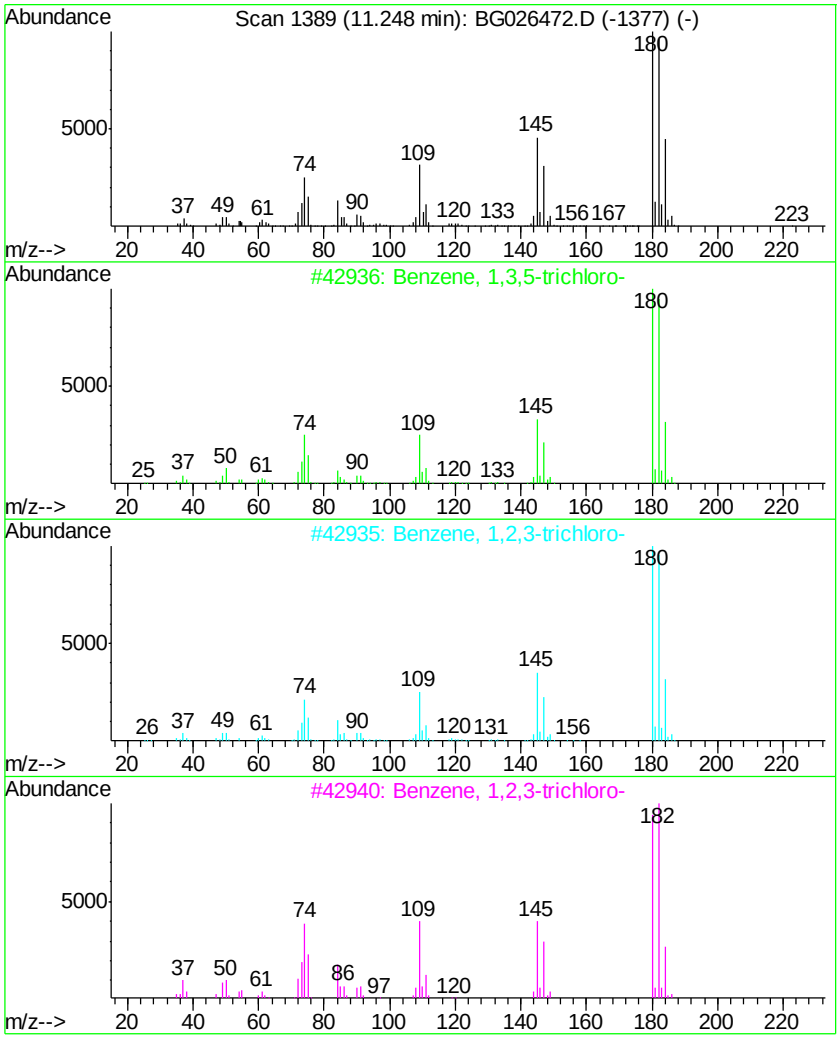
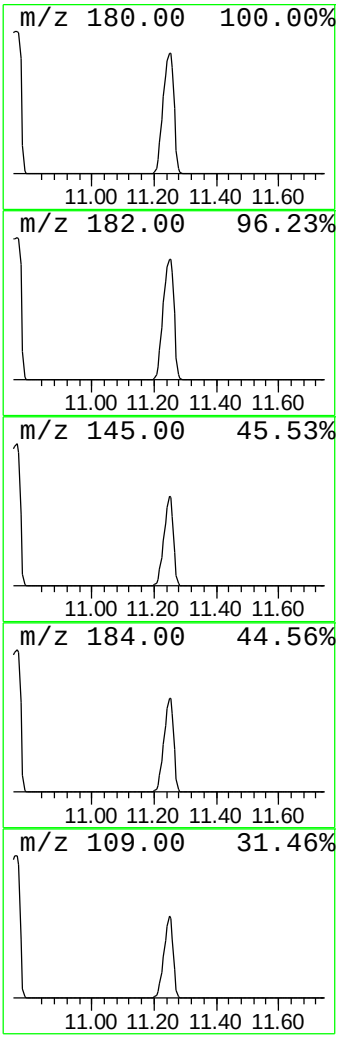
Peak Number 8 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	482.25 ng/ul	33803000	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026472.D
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Operator : SJ/MA
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

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

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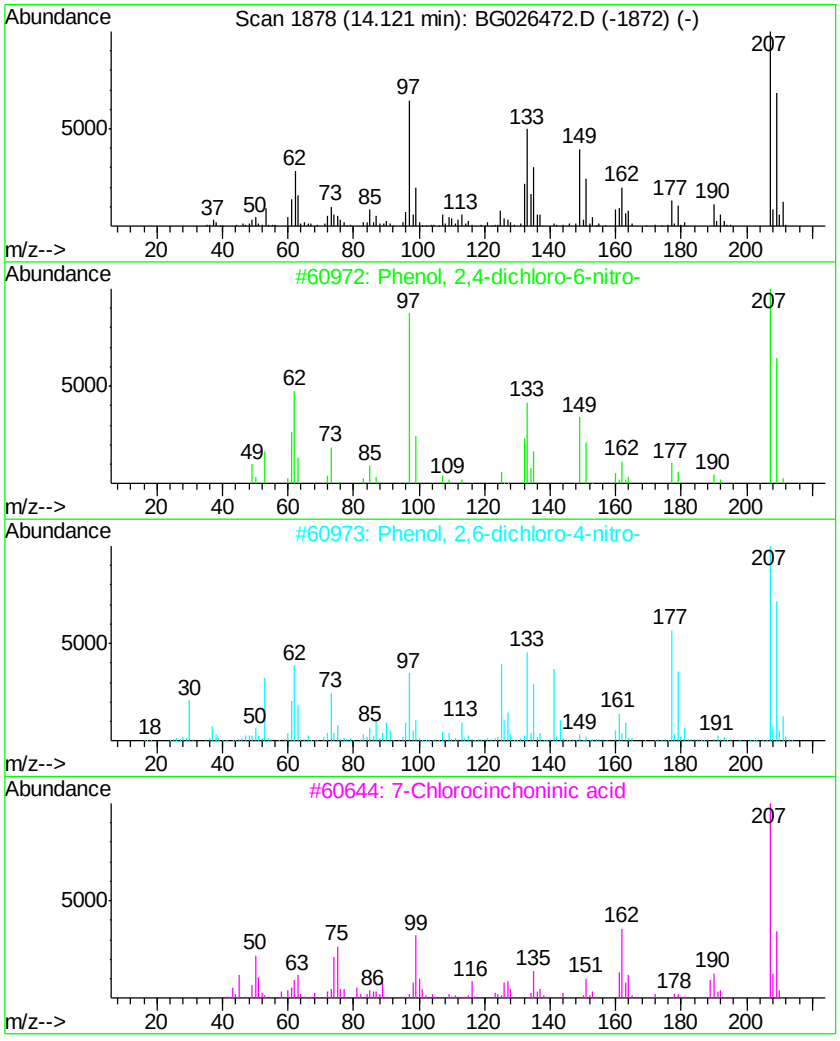
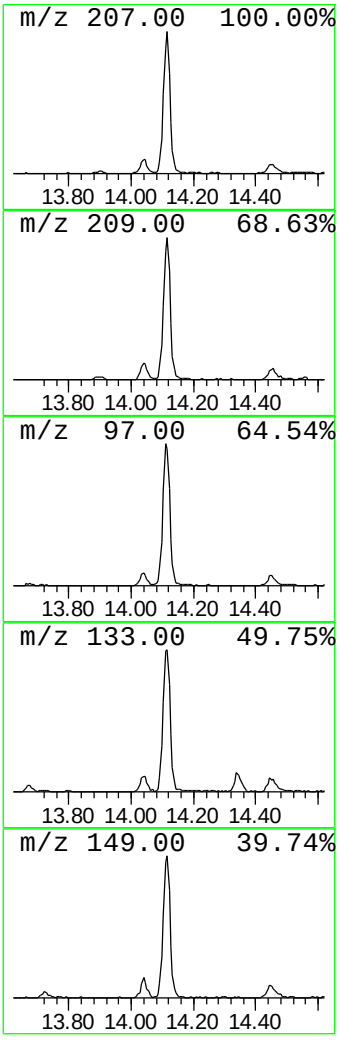
Peak Number 9 Phenol, 2,4-dichloro-6-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	9.65 ng/ul	1001490	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dichloro-6-nitro-	207	C6H3Cl2NO3	000609-89-2	98
2	Phenol, 2,6-dichloro-4-nitro-	207	C6H3Cl2NO3	000618-80-4	38
3	7-Chlorocinchoninic acid	207	C10H6ClNO2	013337-66-1	12
4	Methylphosphonyl dichloride	132	CH3Cl2OP	000676-97-1	11
5	2-Nitro-4-(trifluoromethyl)phenol	207	C7H4F3NO3	000400-99-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026472.D
Acq On : 29 Mar 2017 1:57
Operator : SJ/MA
Sample : I2391-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.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-	5.38	23.0	ng/ul	88319400	1	8.06	76794600	20.0
Benzene, 1,4-dich...	7.95	8.8	ng/ul	33901700	1	8.06	76794600	20.0
Benzene, 1,3-dich...	8.12	20.0	ng/ul	76794600	1	8.06	76794600	20.0
Benzene, 1,2-dich...	8.46	23.4	ng/ul	89798100	1	8.06	76794600	20.0
Benzene, 1-bromo-...	9.54	36.0	ng/ul	2525970	2	10.87	1401890	20.0
Benzene, 1-bromo-...	9.86	22.7	ng/ul	1588430	2	10.87	1401890	20.0
Benzene, 1,2,3-tr...	10.76	1221.2	ng/ul	85601200	2	10.87	1401890	20.0
Benzene, 1,3,5-tr...	11.25	482.3	ng/ul	33803000	2	10.87	1401890	20.0
Phenol, 2,4-dichl...	14.12	9.7	ng/ul	1001490	3	14.65	2076470	20.0