LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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	5.386	378	391	397	rBV4	19232298	61192055	69.93%	17.685%
2	7.372	721	729	742	rBV	531528	921317	1.05%	0.266%
3	7.583	757	765	769	rBV	533968	1104882	1.26%	0.319%
4	7.947	816	827	838	rBV	7161385	15246009	17.42%	4.406%
5	8.124	838	857	863	rBV2	21861124	82955879	94.80%	23.975%
6	8.458	896	914	916	rBV4	22372942	87505991	100.00%	25.290%
7	9.205	1031	1041	1044	rBV	559233	1072683	1.23%	0.310%
8	9.252	1044	1049	1064	rVB	2772085	4817703	5.51%	1.392%
9	10.468	1249	1256	1263	rBV	781561	1489482	1.70%	0.430%
10	10.726	1290	1300	1314	rVB	16334634	34683817	39.64%	10.024%
11	10.850	1314	1321	1328	rBV	866802	1449273	1.66%	0.419%
12	11.232	1377	1386	1400	rBV	4798005	8607127	9.84%	2.488%
13	11.437	1414	1421	1429	rVB	1079128	1866354	2.13%	0.539%
14	12.859	1650	1663	1672	rBV	1072064	1978443	2.26%	0.572%
15	13.459	1757	1765	1776	rBV	2586205	4163131	4.76%	1.203%
16	13.664	1794	1800	1819	rVB2	526606	978818	1.12%	0.283%
17	14.052	1858	1866	1872	rBV	1559041	2345647	2.68%	0.678%
18	14.346	1904	1916	1923	rBV	1823151	2919458	3.34%	0.844%
19	14.651	1955	1968	1982	rBV2	1250158	2118943	2.42%	0.612%
20	15.632	2128	2135	2145	rBV	2460555	3795890	4.34%	1.097%
21	15.750	2145	2155	2166	rVV	782805	1156024	1.32%	0.334%
22	17.383	2426	2433	2439	rBV	1609088	2490357	2.85%	0.720%
23	17.477	2442	2449	2463	rVV	2757609	4289539	4.90%	1.240%
24	19.757	2830	2837	2848	rBV	3580875	5231577	5.98%	1.512%
25	21.625	3148	3155	3168	rBV	1867607	3133808	3.58%	0.906%
26	24.587	3648	3659	3675	rBV2	1980570	5219710	5.96%	1.509%
27	24.804	3685	3696	3713	rVB	1175840	3278912	3.75%	0.948%

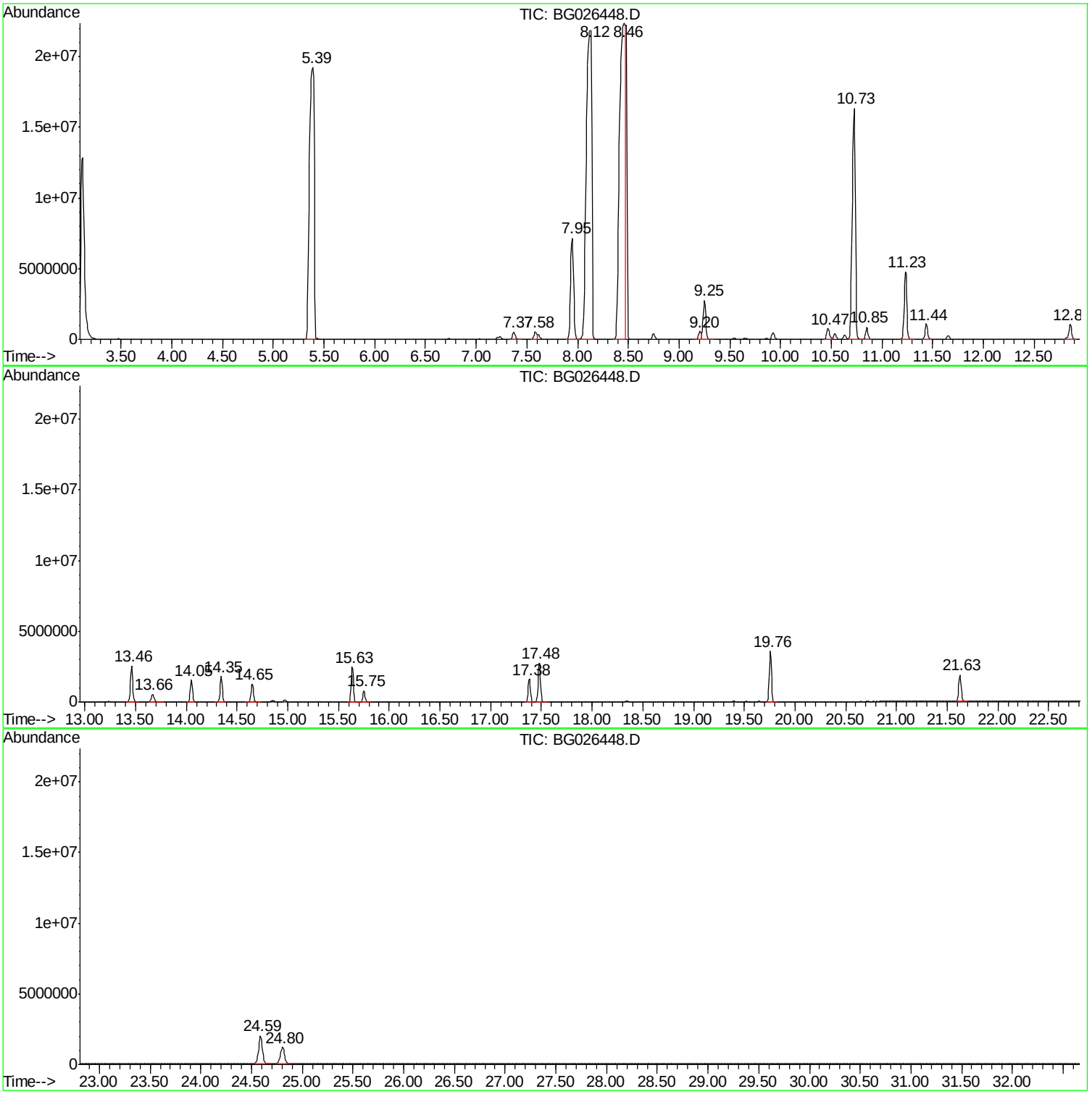
Sum of corrected areas: 346012829

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BM1

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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

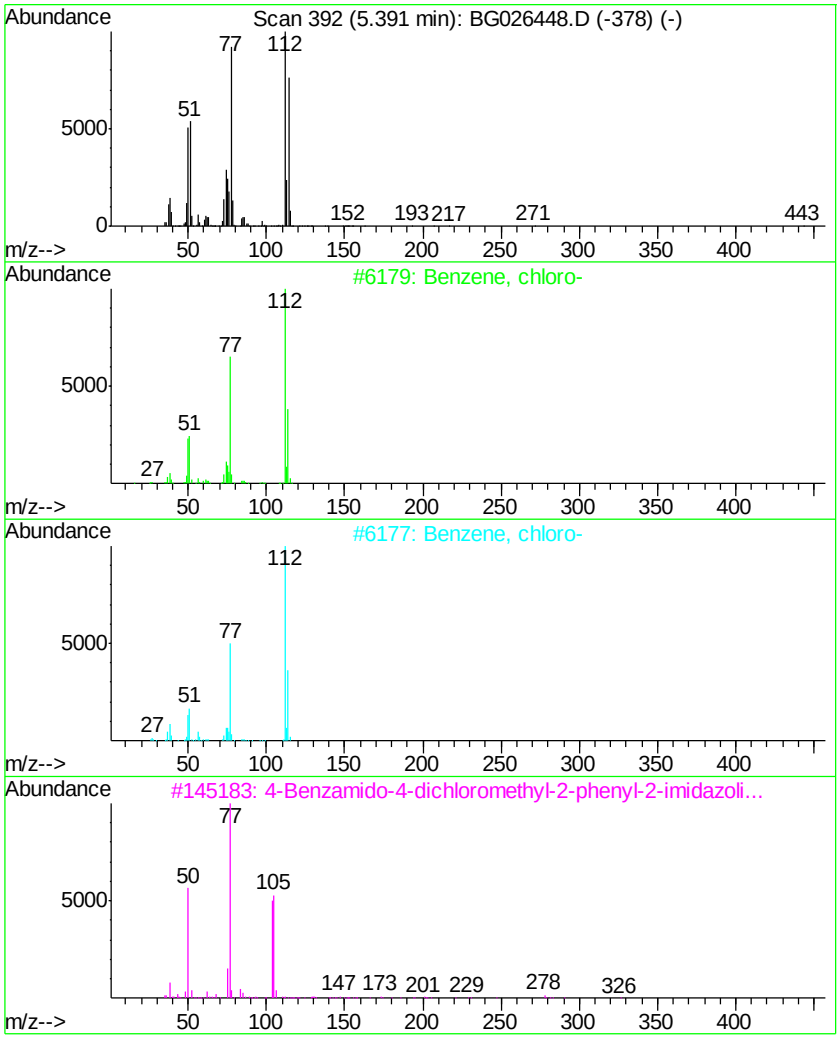
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

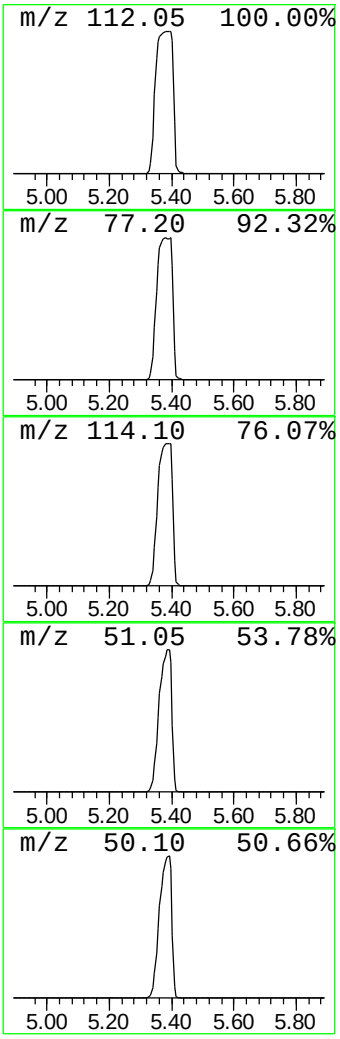
****

Peak Number 1 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	14.75 ng/ul	61192100	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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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

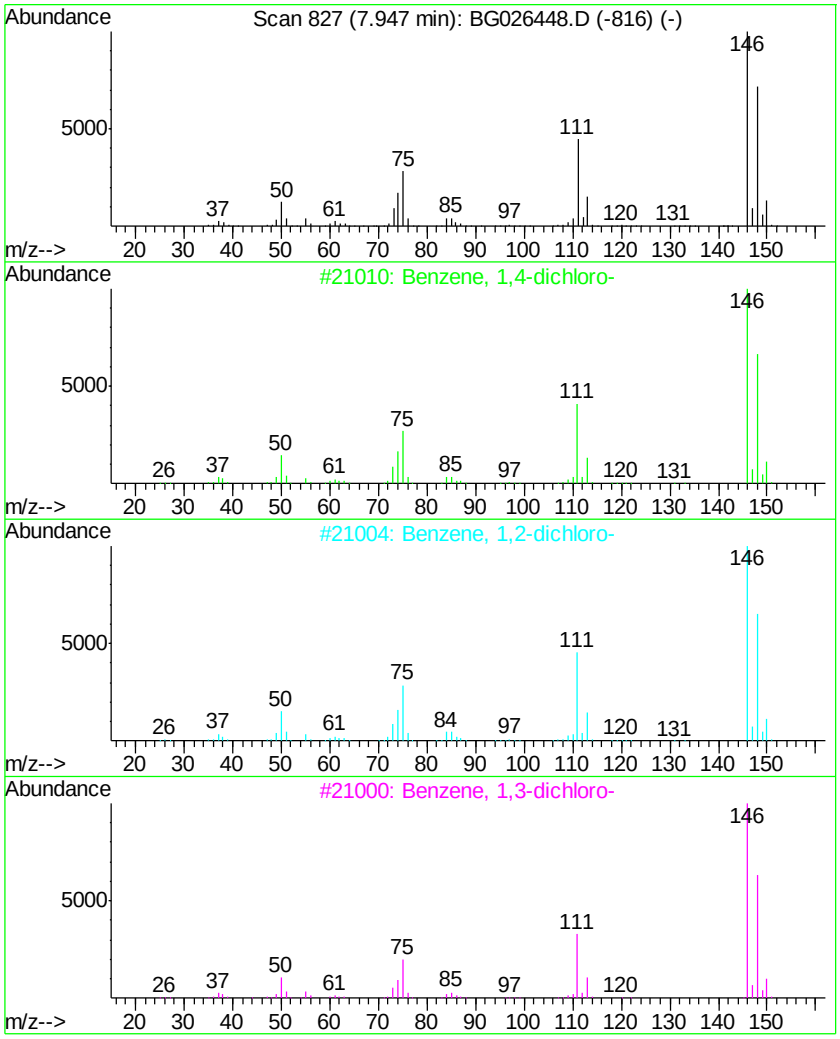
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

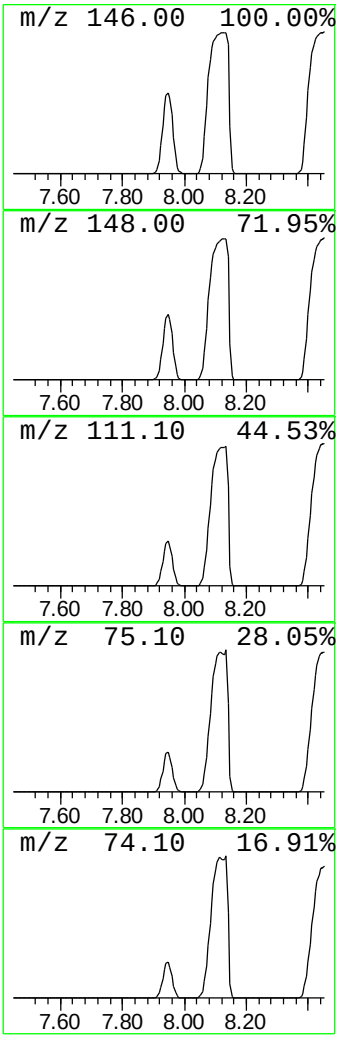
****

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	3.68 ng/ul	15246000	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	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
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_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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

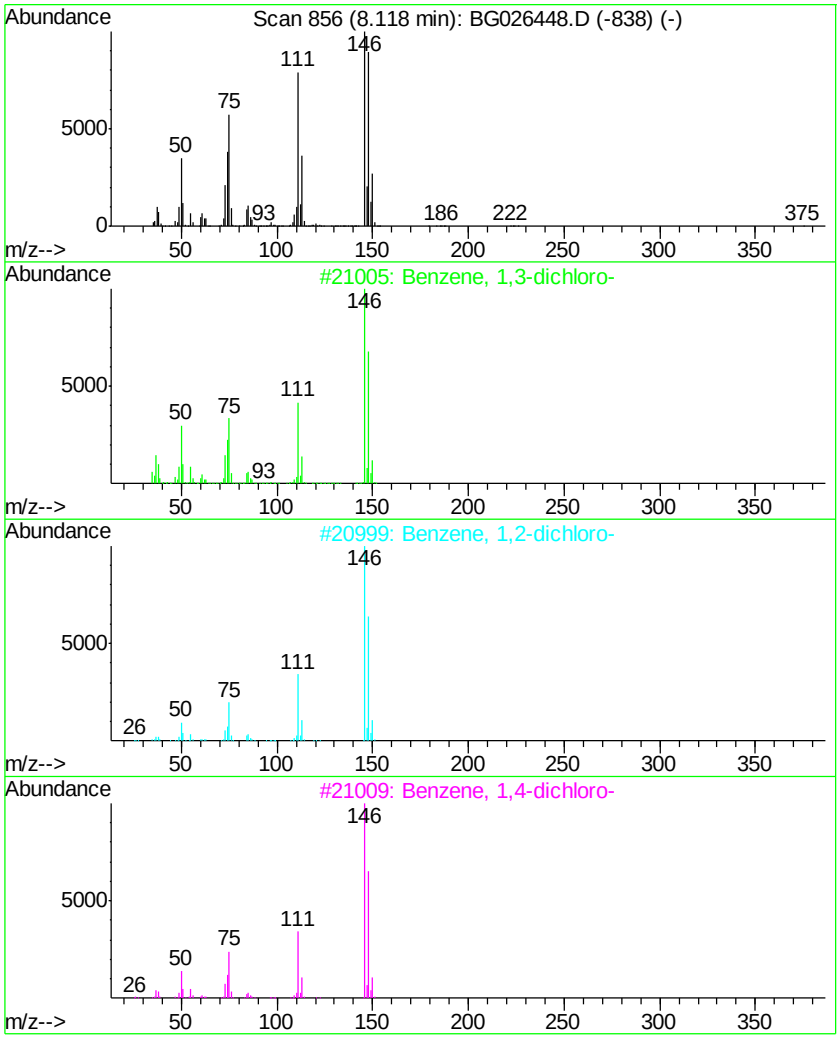
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

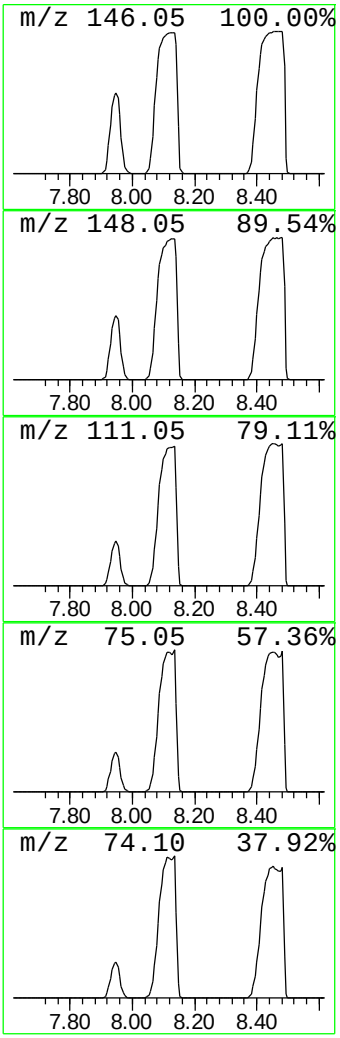
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	20.00 ng/ul	82955900	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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	91
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	90
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	87
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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

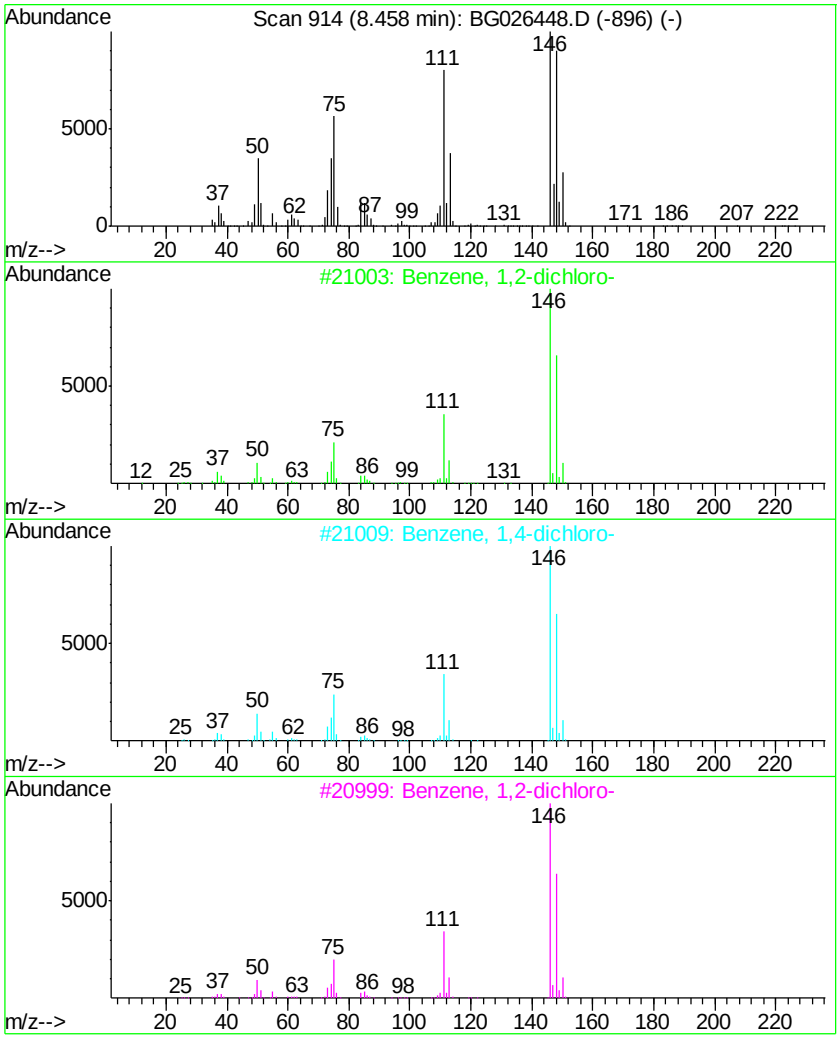
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

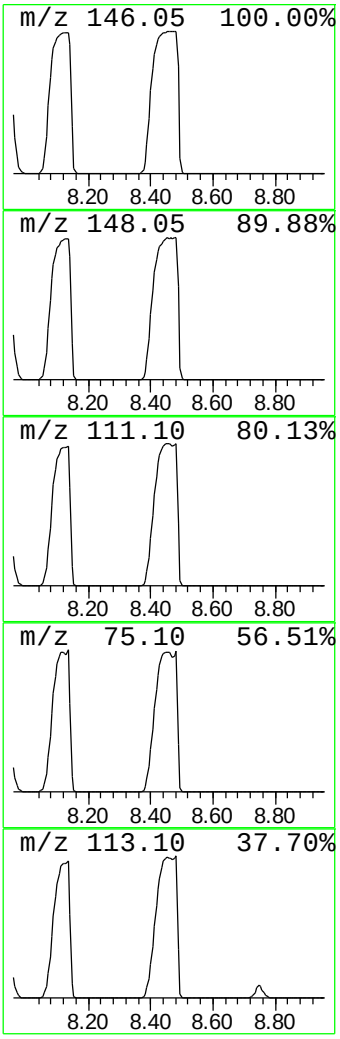
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	21.10 ng/ul	87506000	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	90
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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

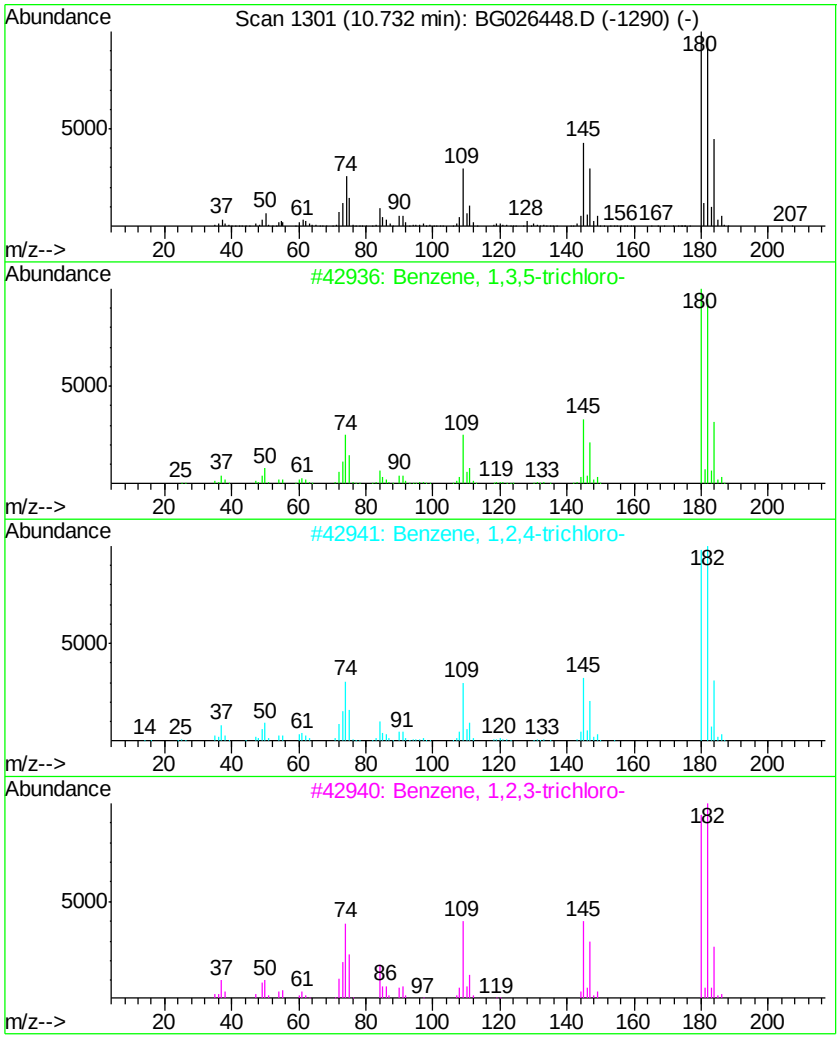
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

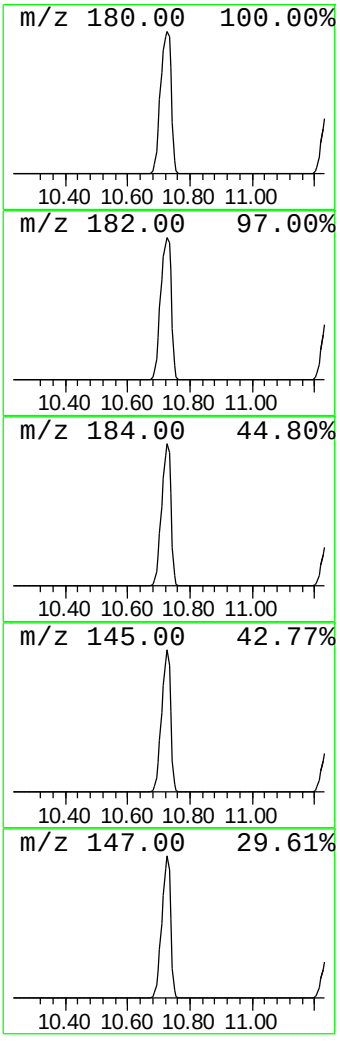
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	478.64 ng/ul	34683800	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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

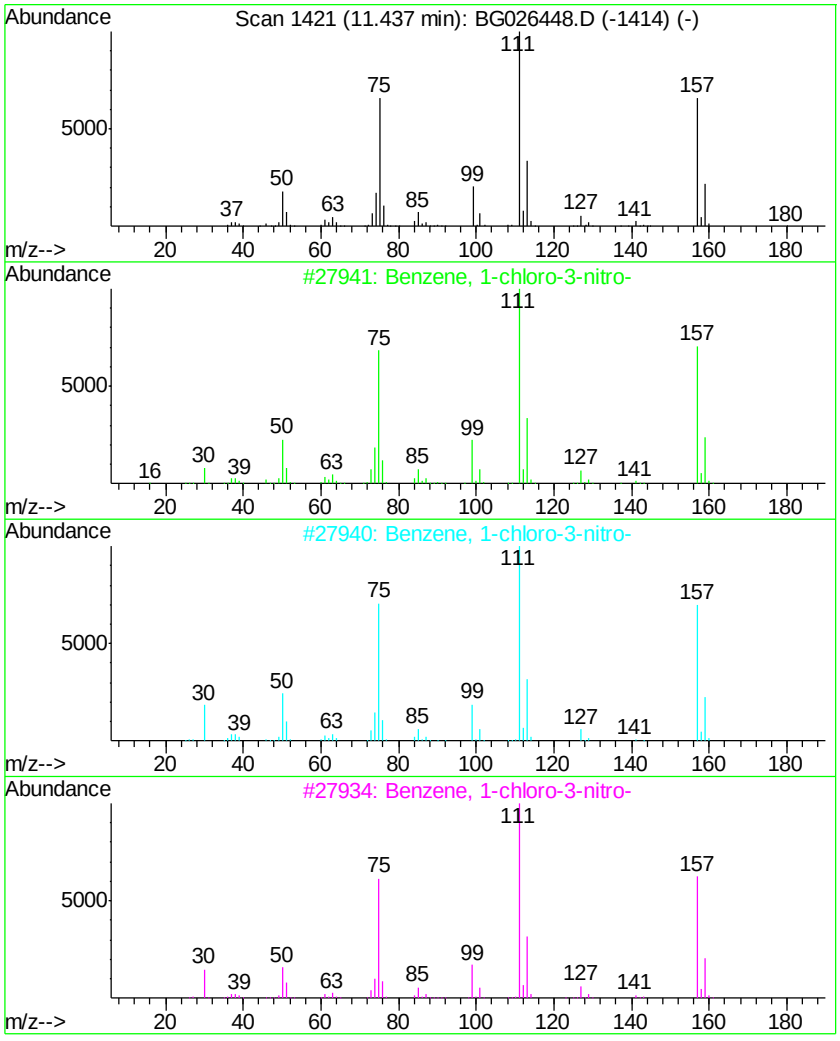
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

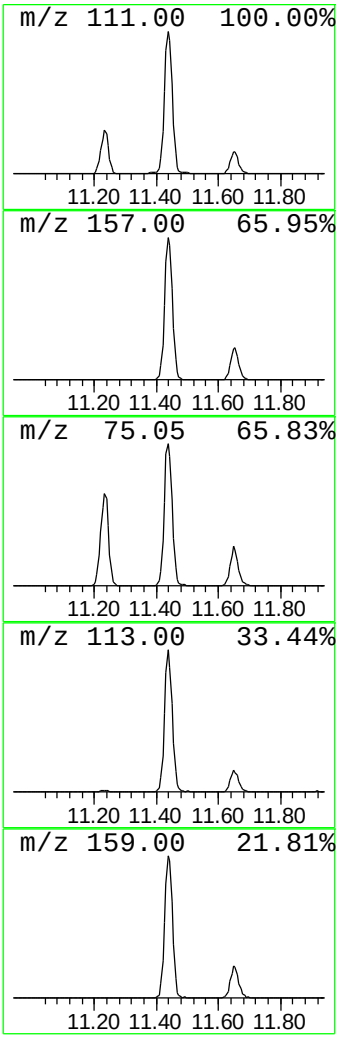
****

Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	25.76 ng/ul	1866350	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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

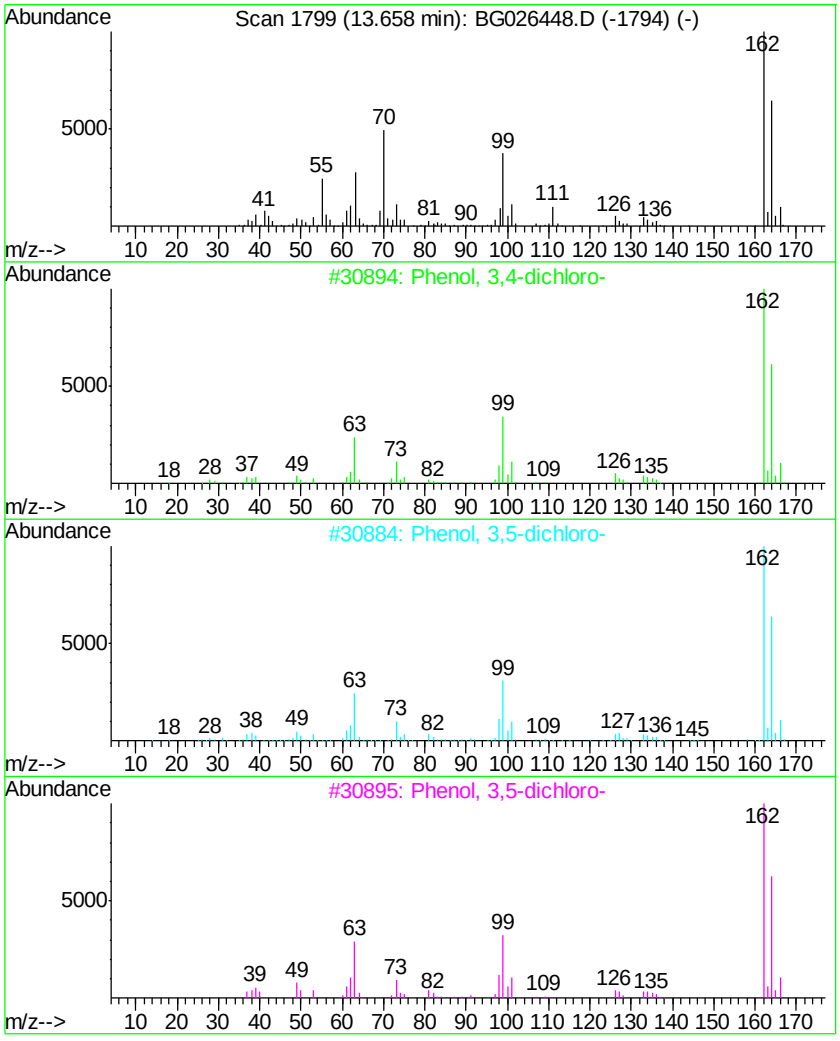
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

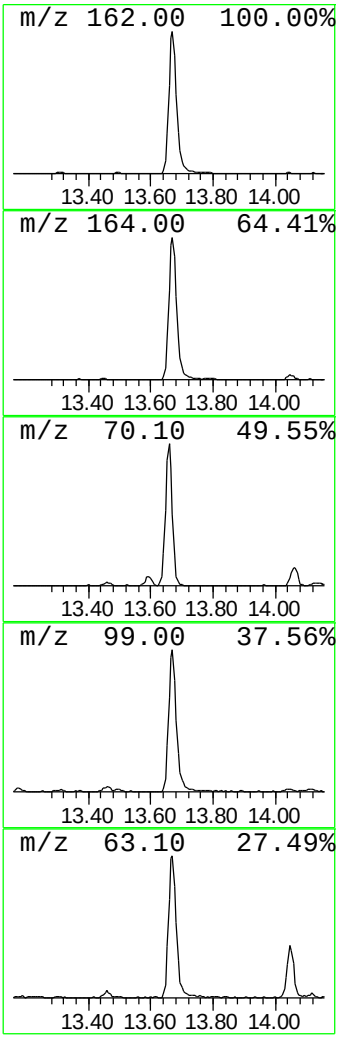
****

Peak Number 8 Phenol, 3,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	9.24 ng/ul	978818	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026448.D
Acq On : 28 Mar 2017 1:09
Operator : SJ/MA
Sample : I2358-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM1

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-	5.39	14.8	ng/ul	61192100	1	8.06	82955900	20.0
Benzene, 1,4-dich...	7.95	3.7	ng/ul	15246000	1	8.06	82955900	20.0
Benzene, 1,3-dich...	8.12	20.0	ng/ul	82955900	1	8.06	82955900	20.0
Benzene, 1,2-dich...	8.46	21.1	ng/ul	87506000	1	8.06	82955900	20.0
Benzene, 1,3,5-tr...	10.73	478.6	ng/ul	34683800	2	10.85	1449270	20.0
Benzene, 1-chloro...	11.44	25.8	ng/ul	1866350	2	10.85	1449270	20.0
Phenol, 3,4-dichl...	13.66	9.2	ng/ul	978818	3	14.65	2118940	20.0