LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026442.D
Acq On : 27 Mar 2017 21:11
Operator : SJ/MA
Sample : I2358-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN2

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	5.385	378	391	406	rBV	19254937	55831628	63.21%	15.070%
2	7.371	721	729	739	rBV	522072	887973	1.01%	0.240%
3	7.582	756	765	769	rBV	516685	1037131	1.17%	0.280%
4	7.947	816	827	838	rBV	11903373	25496866	28.87%	6.882%
5	8.117	838	856	862	rBV	21764092	69589217	78.79%	18.783%
6	8.458	895	914	919	rBV3	22448957	88320476	100.00%	23.839%
7	9.292	1034	1056	1061	rBV	10730095	31266989	35.40%	8.439%
8	9.927	1158	1164	1182	rVB	476170	954392	1.08%	0.258%
9	10.467	1249	1256	1263	rBV	757923	1500217	1.70%	0.405%
10	10.720	1290	1299	1314	rVV	13698295	28310710	32.05%	7.641%
11	10.849	1314	1321	1333	rVB	790063	1356288	1.54%	0.366%
12	11.237	1377	1387	1401	rBV	7831994	14352567	16.25%	3.874%
13	11.454	1412	1424	1437	rBV	6464685	12636143	14.31%	3.411%
14	11.654	1450	1458	1467	rBV	2073024	3657165	4.14%	0.987%
15	13.458	1758	1765	1778	rBV	854118	1411839	1.60%	0.381%
16	14.051	1859	1866	1872	rBV	1608684	2356342	2.67%	0.636%
17	14.345	1907	1916	1923	rVB	1763410	2798775	3.17%	0.755%
18	14.651	1961	1968	1984	rBV2	1147758	2022834	2.29%	0.546%
19	15.632	2128	2135	2142	rBV	2462655	3671435	4.16%	0.991%
20	15.749	2149	2155	2168	rVB	740414	1135788	1.29%	0.307%
21	17.383	2426	2433	2442	rBV	1472689	2234941	2.53%	0.603%
22	17.477	2442	2449	2458	rBV	2605763	3956100	4.48%	1.068%
23	19.756	2830	2837	2846	rBV	3387563	4945055	5.60%	1.335%
24	21.625	3148	3155	3168	rBV	1778826	2844021	3.22%	0.768%
25	24.586	3648	3659	3674	rBV2	1779090	4900051	5.55%	1.323%
26	24.803	3685	3696	3709	rVB2	1090789	3017399	3.42%	0.814%

Sum of corrected areas: 370492342

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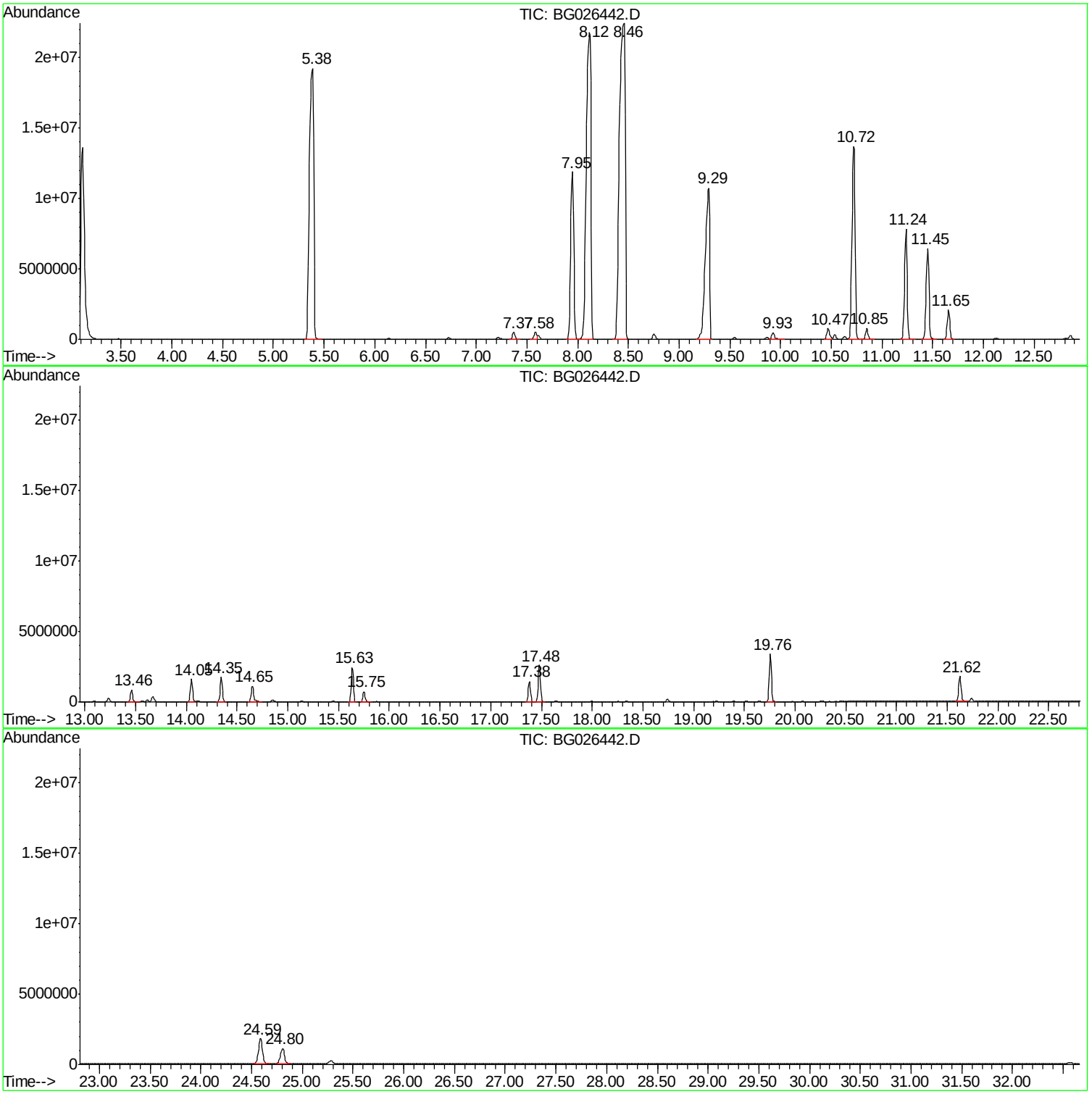
Instrument :
BNA_G
ClientSampleId :
C0BN2

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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Data File : BG026442.D
Acq On : 27 Mar 2017 21:11
Operator : SJ/MA
Sample : I2358-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN2

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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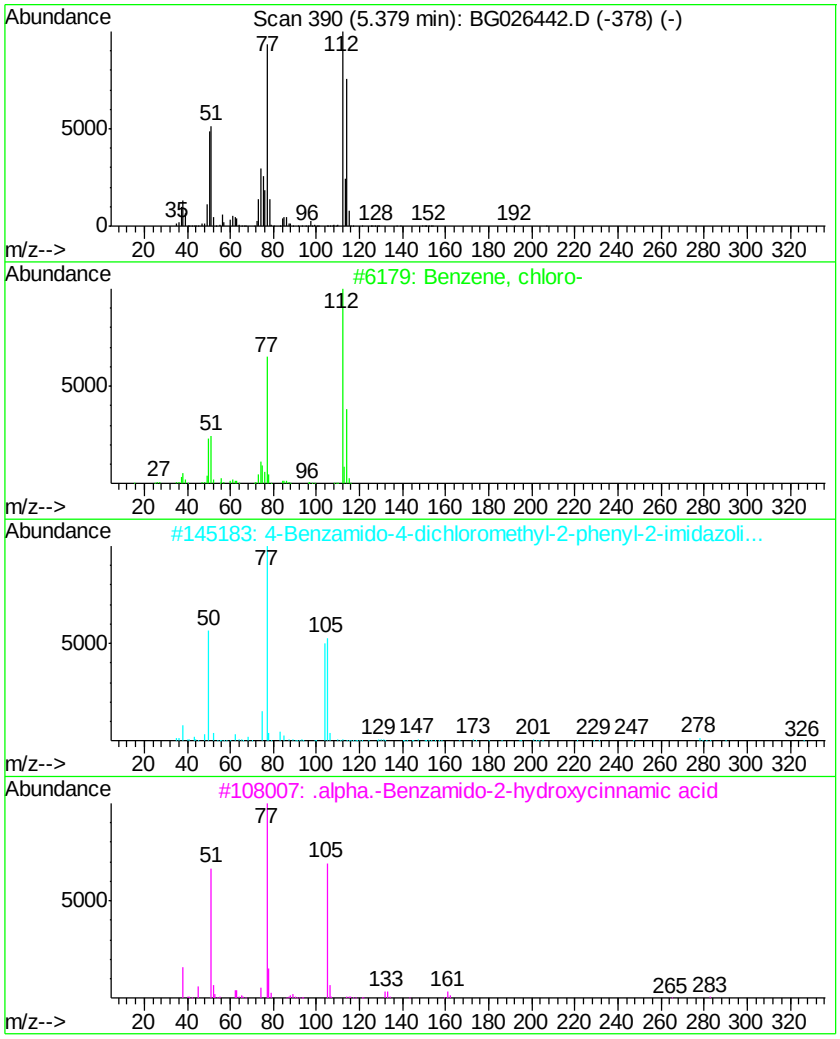
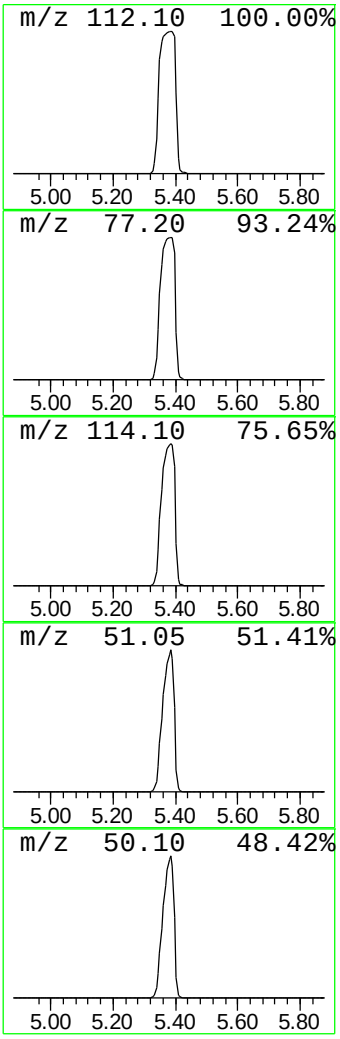
Peak Number 1 Benzene, chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	16.05 ng/ul	55831600	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	83
2	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	25
3	.alpha.-Benzamido-2-hydroxycinna...	283	C16H13NO4	1000223-61-7	10
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	10
5	3-Furancarboxylic acid	112	C5H4O3	000488-93-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026442.D
Acq On : 27 Mar 2017 21:11
Operator : SJ/MA
Sample : I2358-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN2

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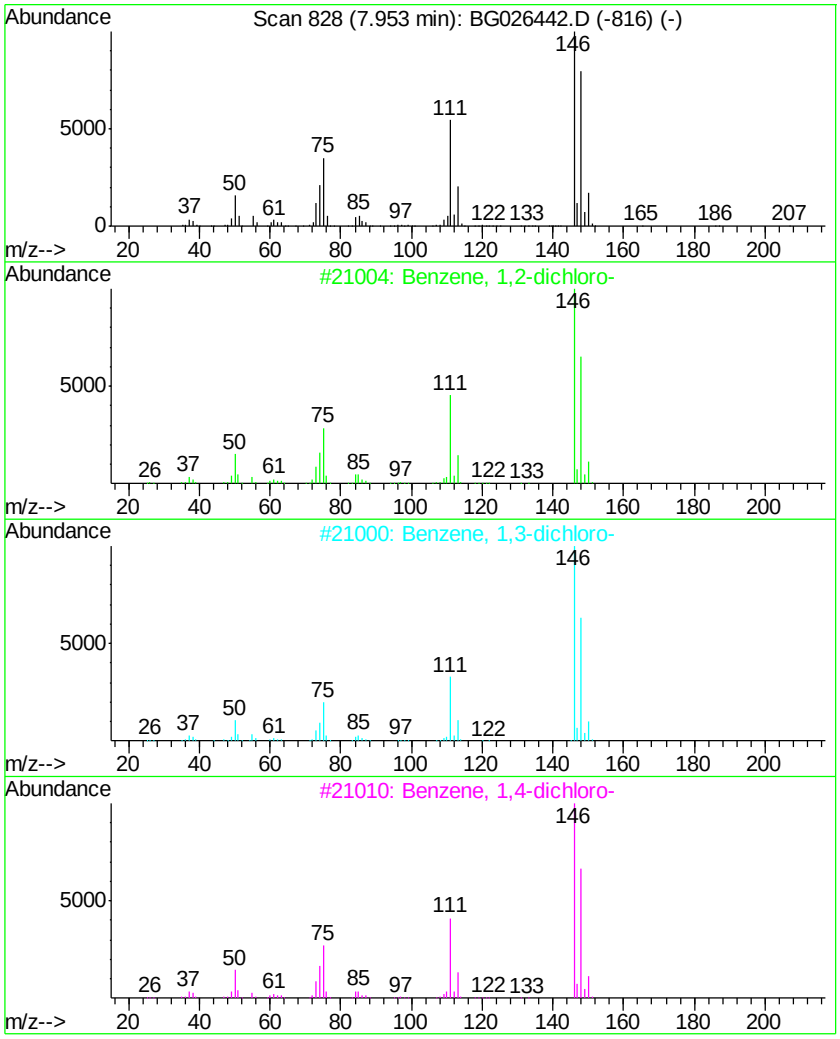
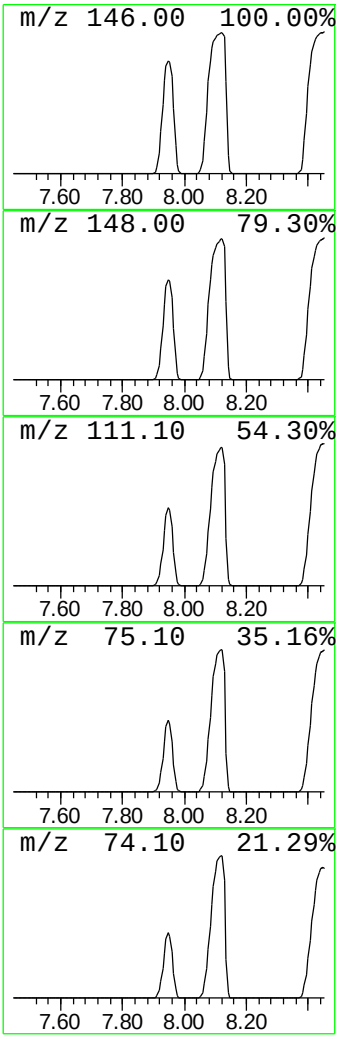
Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	7.33 ng/ul	25496900	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	96
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026442.D
Acq On : 27 Mar 2017 21:11
Operator : SJ/MA
Sample : I2358-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN2

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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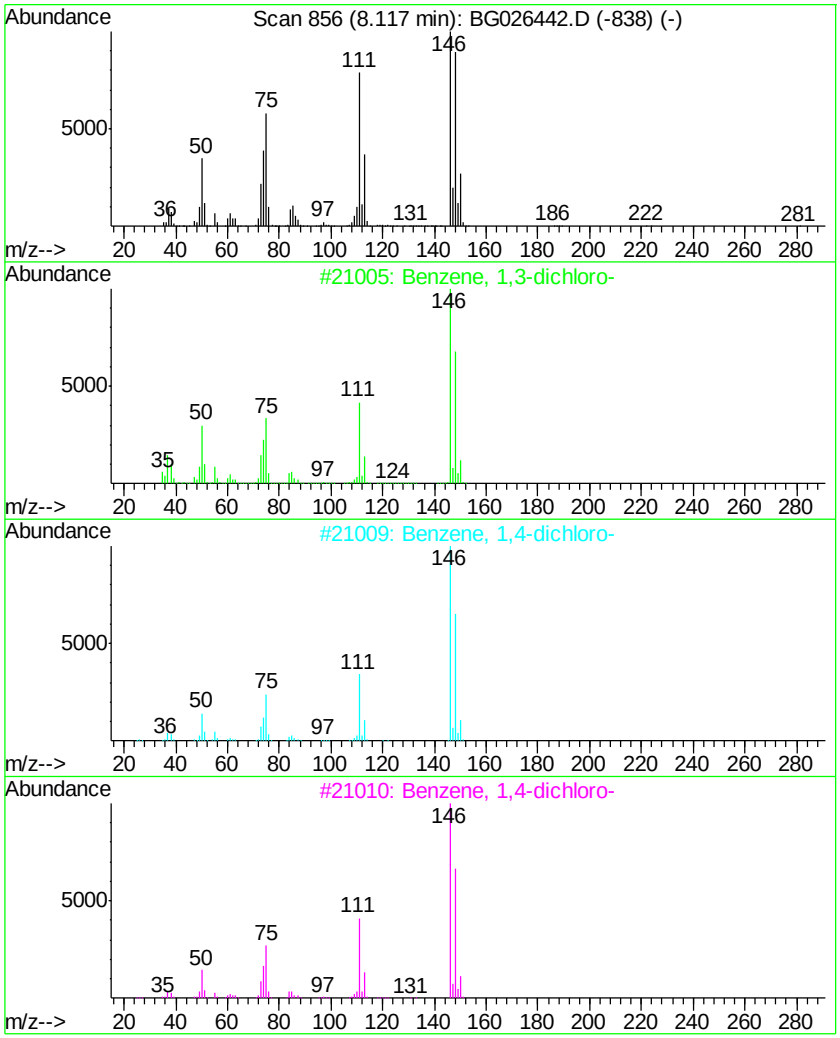
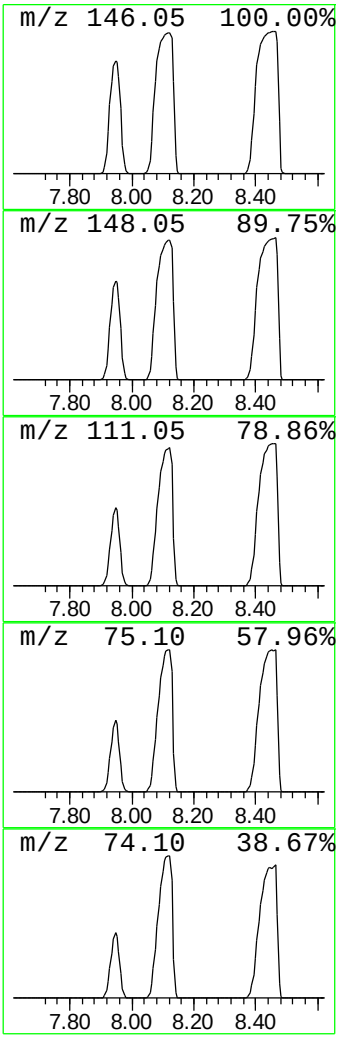
Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	20.00 ng/ul	69589200	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, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	83
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81





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Operator : SJ/MA
Sample : I2358-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN2

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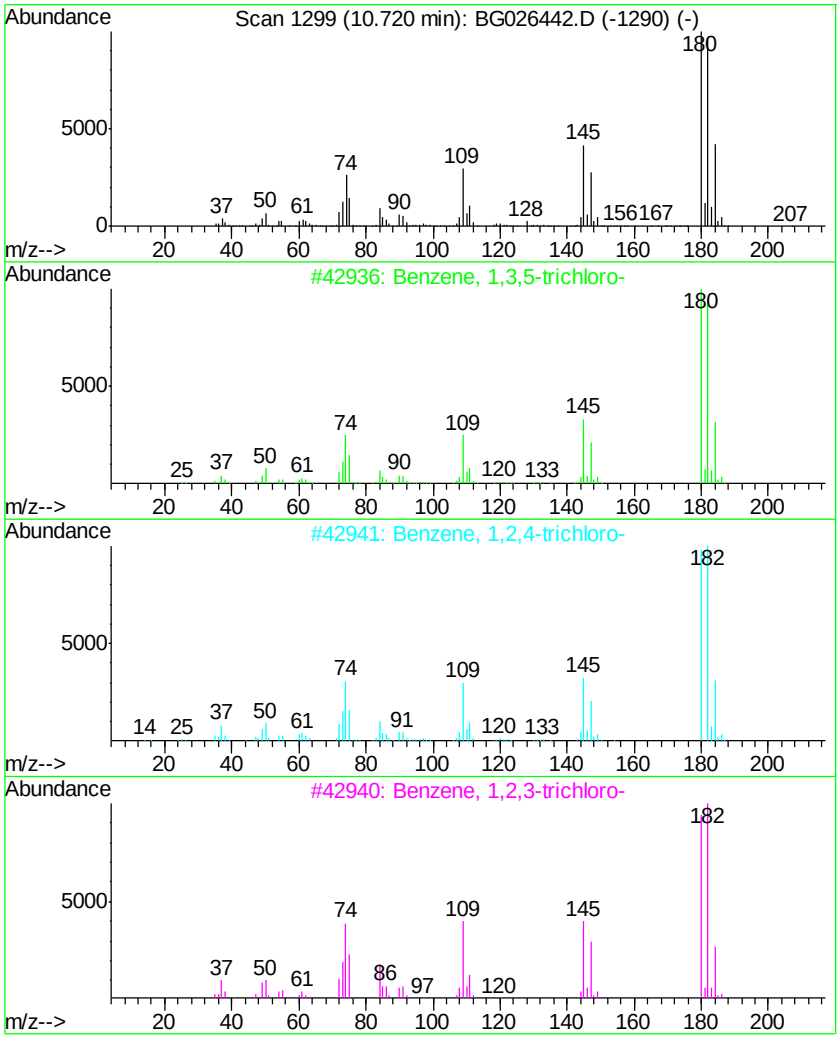
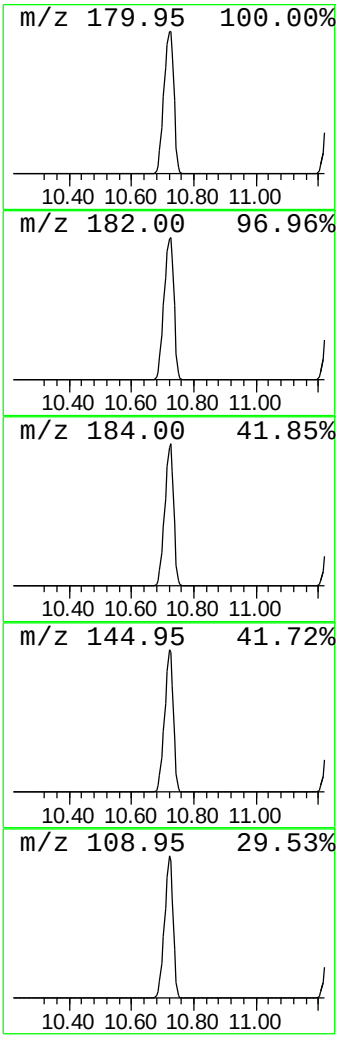
Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	417.47 ng/ul	28310700	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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN2

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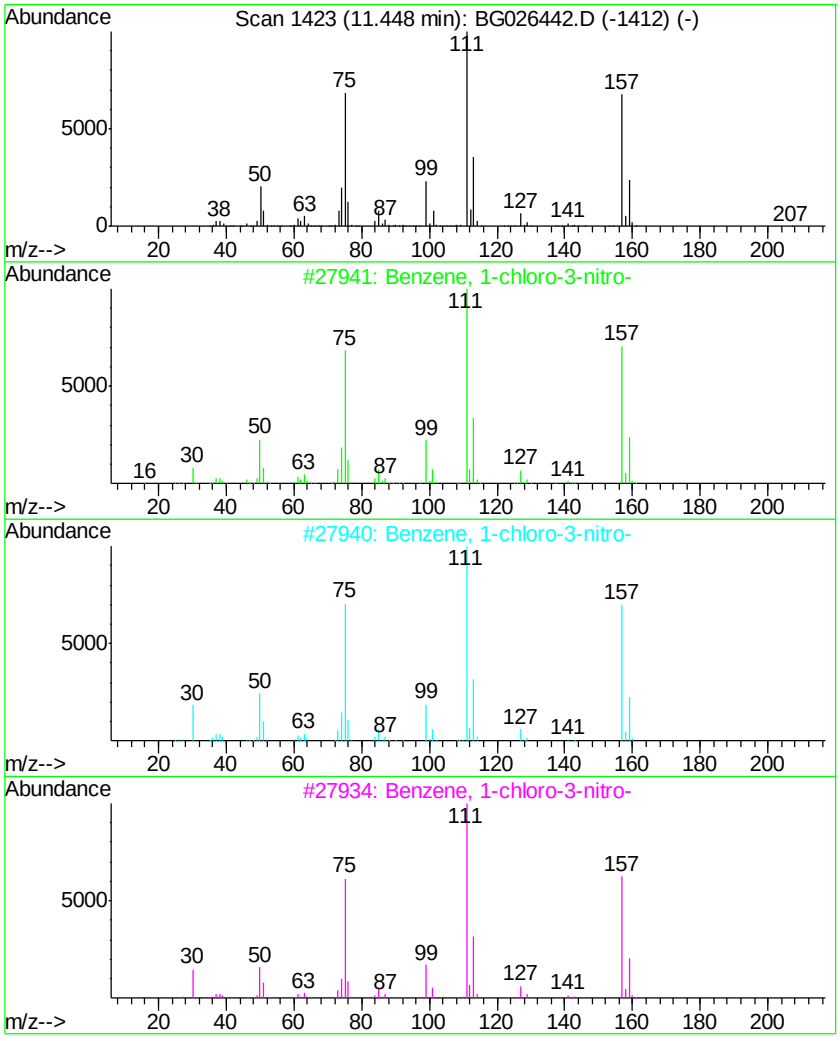
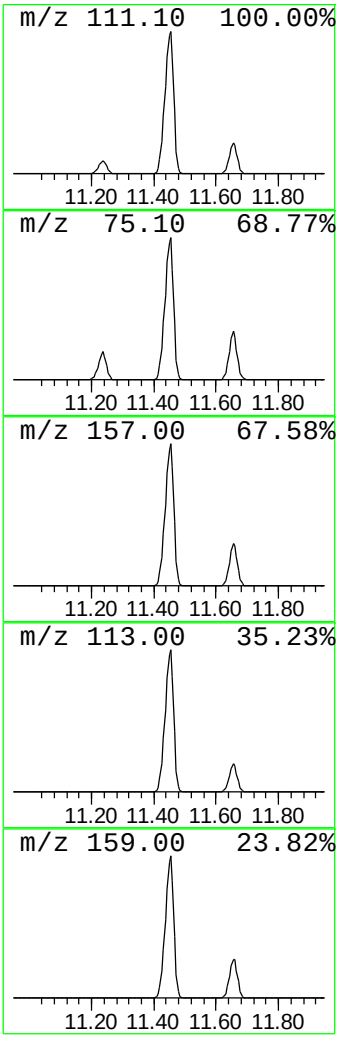
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	186.33 ng/ul	12636100	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-4-nitro-	157	C6H4ClNO2	000100-00-5	91





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN2

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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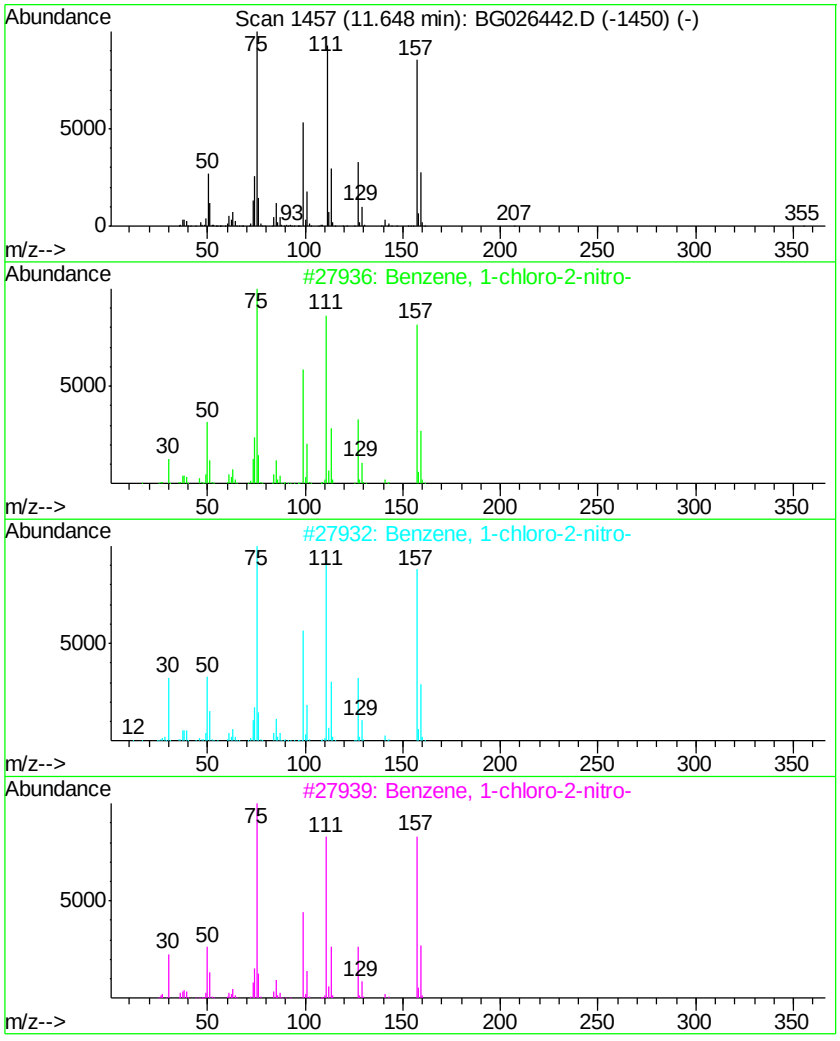
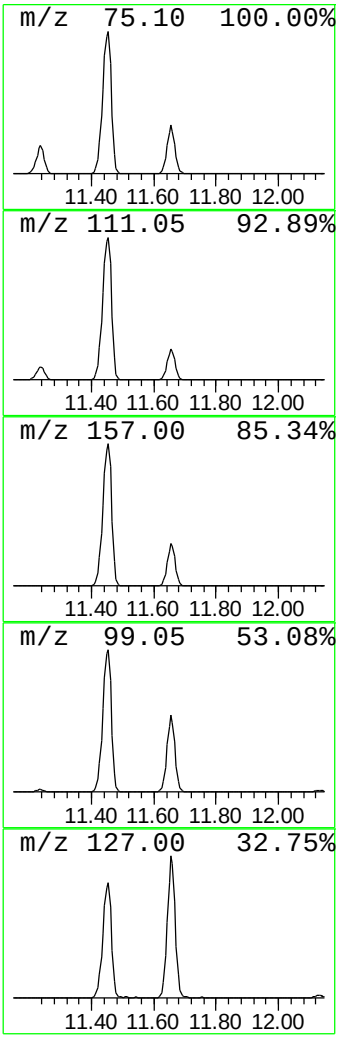
Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	53.93 ng/ul	3657170	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96





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-	5.38	16.1	ng/ul	55831600	1	8.06	69589200	20.0
Benzene, 1,2-dich...	7.95	7.3	ng/ul	25496900	1	8.06	69589200	20.0
Benzene, 1,3-dich...	8.12	20.0	ng/ul	69589200	1	8.06	69589200	20.0
Benzene, 1,3,5-tr...	10.72	417.5	ng/ul	28310700	2	10.85	1356290	20.0
Benzene, 1-chloro...	11.45	186.3	ng/ul	12636100	2	10.85	1356290	20.0
Benzene, 1-chloro...	11.65	53.9	ng/ul	3657170	2	10.85	1356290	20.0