LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG031616.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	3.119	42	48	63	rBV	117638	194490	1.09%	0.246%
2	5.428	426	441	446	rBV	6480613	17031891	95.37%	21.542%
3	7.414	774	779	786	rVB	28810	48977	0.27%	0.062%
4	7.661	815	821	829	rBB2	30071	54405	0.30%	0.069%
5	7.990	867	877	888	rBB	1674806	3419032	19.14%	4.324%
6	8.178	890	909	913	rBV	6448934	17859269	100.00%	22.588%
7	8.501	947	964	969	rBV	5653610	15254876	85.42%	19.294%
8	8.854	1019	1024	1032	rBB	23895	39294	0.22%	0.050%
9	9.259	1086	1093	1102	rBB	42400	74608	0.42%	0.094%
10	9.588	1142	1149	1156	rBB	173957	294635	1.65%	0.373%
11	9.817	1182	1188	1191	rBV	27502	43354	0.24%	0.055%
12	9.858	1191	1195	1198	rVV3	24772	47304	0.26%	0.060%
13	9.905	1198	1203	1210	rVB2	90684	172053	0.96%	0.218%
14	9.982	1210	1216	1221	rBV	38241	66817	0.37%	0.085%
15	10.599	1315	1321	1328	rVB	49928	84741	0.47%	0.107%
16	10.810	1340	1357	1362	rBV	5982442	16972566	95.04%	21.467%
17	10.916	1368	1375	1382	rBV	51272	80558	0.45%	0.102%
18	11.304	1430	1441	1448	rBV	2212290	4323978	24.21%	5.469%
19	12.867	1702	1707	1708	rBV2	22280	28107	0.16%	0.036%
20	12.902	1708	1713	1719	rVB	73084	119955	0.67%	0.152%
21	13.507	1809	1816	1825	rBB	377301	582130	3.26%	0.736%
22	14.100	1911	1917	1923	rBB	118722	164512	0.92%	0.208%
23	14.165	1923	1928	1933	rBB	17926	25364	0.14%	0.032%
24	14.394	1960	1967	1974	rBV	121624	184447	1.03%	0.233%
25	14.700	2013	2019	2025	rBB2	74415	115320	0.65%	0.146%
26	15.687	2181	2187	2195	rBB	164158	241685	1.35%	0.306%
27	15.804	2202	2207	2215	rBB2	55545	82907	0.46%	0.105%
28	17.438	2478	2485	2491	rBV2	97948	145165	0.81%	0.184%
29	17.538	2495	2502	2508	rBV2	183718	278962	1.56%	0.353%
30	19.811	2883	2889	2896	rBV	231520	336861	1.89%	0.426%
31	21.697	3204	3210	3217	rVB	115764	184249	1.03%	0.233%
32	24.706	3713	3722	3734	rVB	124691	331552	1.86%	0.419%
33	24.929	3751	3760	3774	rVB2	63730	180681	1.01%	0.229%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG031616.M
Title : SVOA CALIBRATION

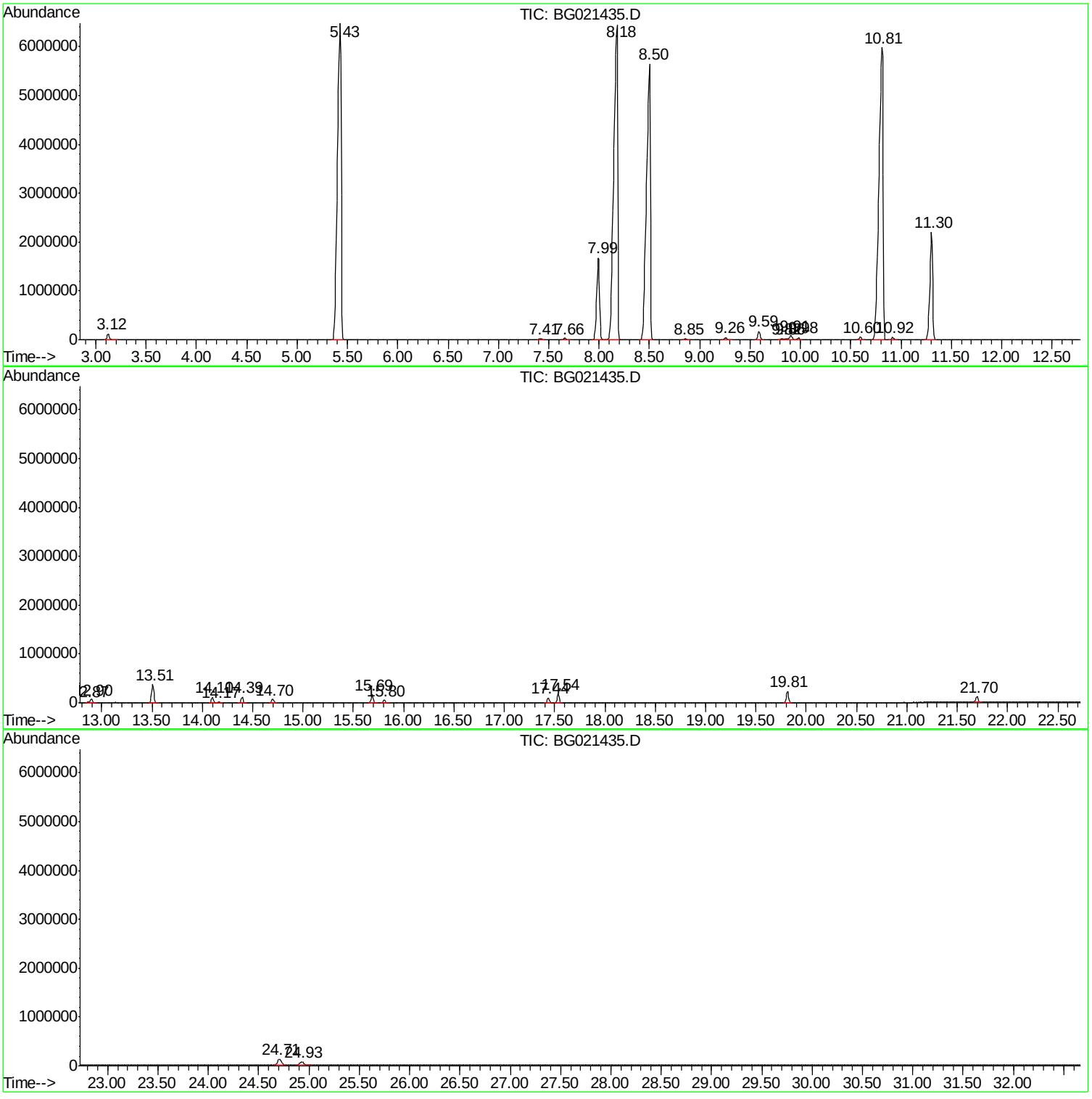
Sum of corrected areas: 79064745

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

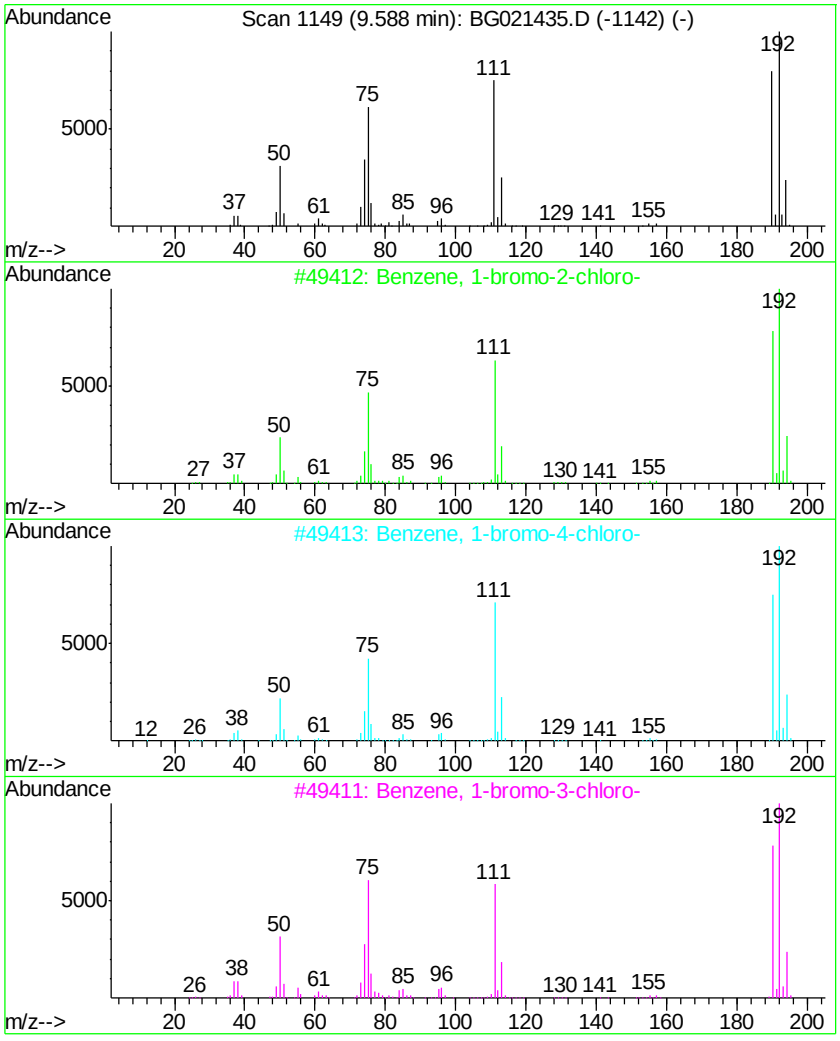
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

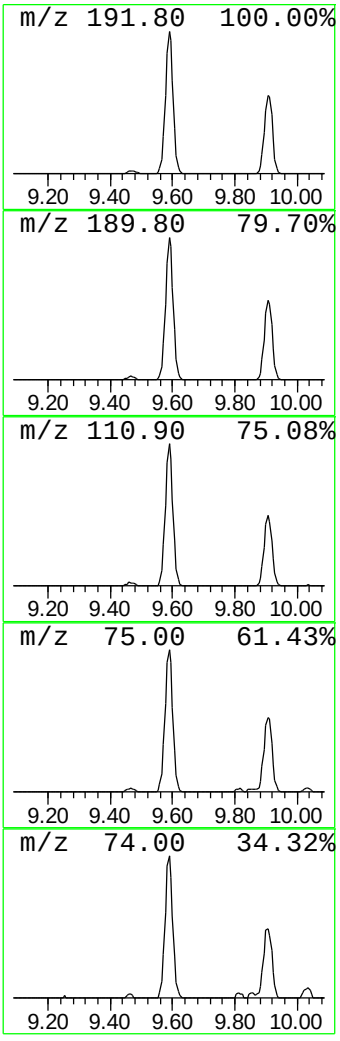
****

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	73.15 ng/ul	294635	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

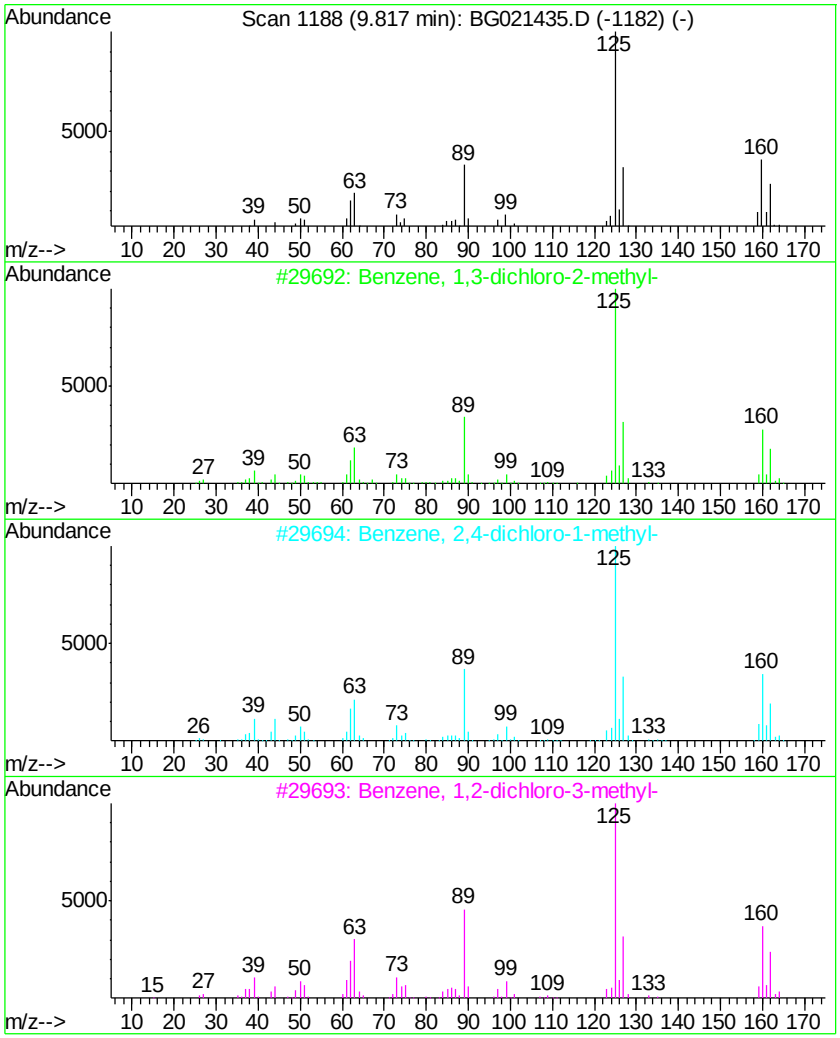
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

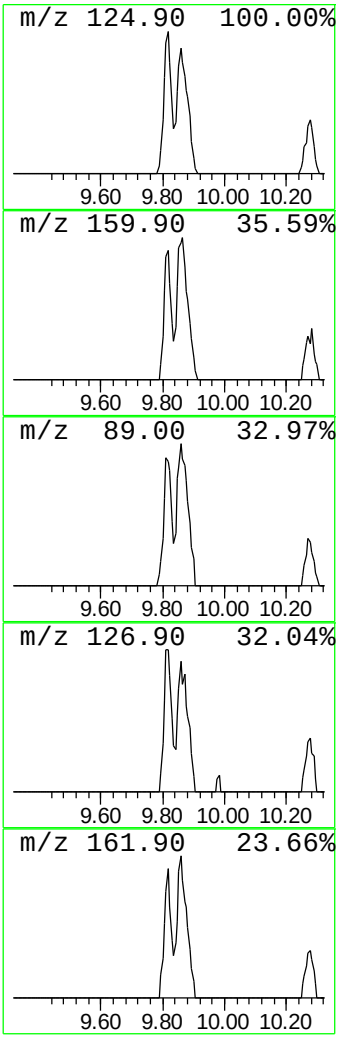
****

Peak Number 6 Benzene, 1,3-dichloro-2-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	10.76 ng/ul	43354	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	98
2	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	98
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
4	Benzene, 1-chloro-3-(chloromethyl)-	160	C7H6Cl2	000620-20-2	97
5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

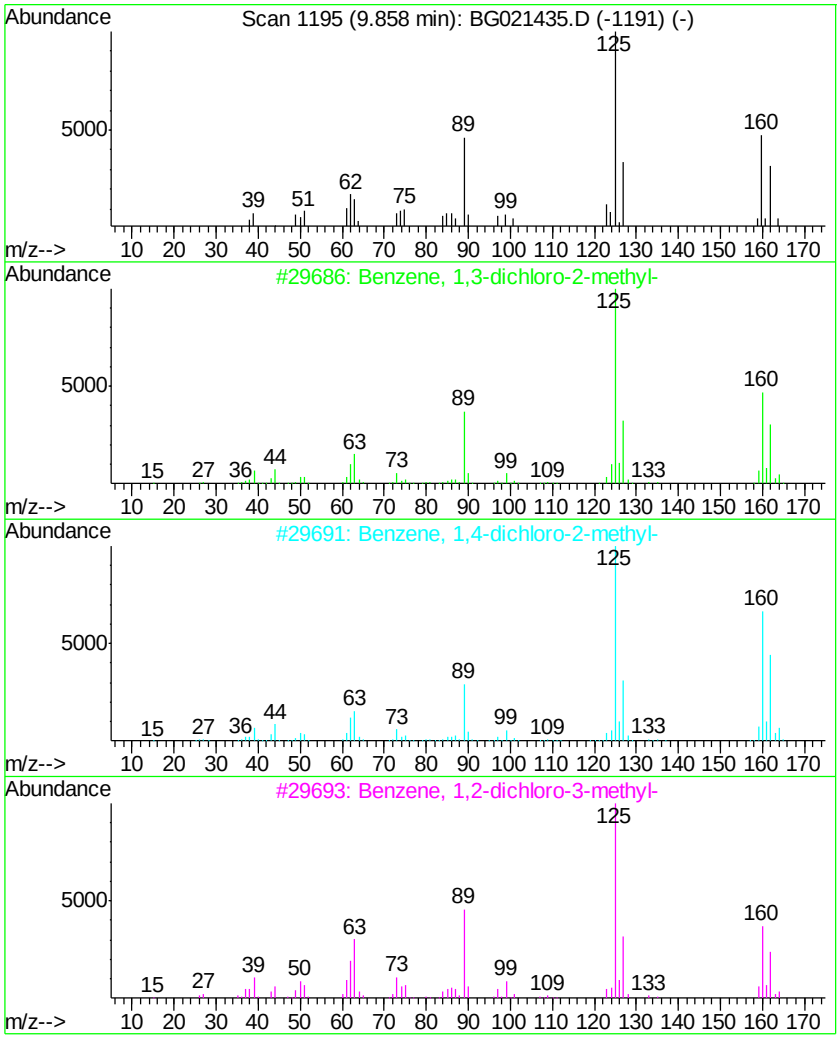
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

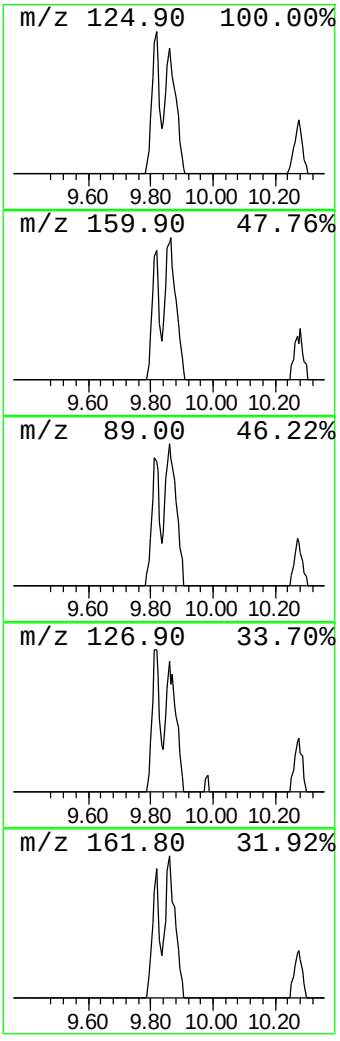
****

Peak Number 7 Benzene, 1,4-dichloro-2-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	11.74 ng/ul	47304	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	93
2	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	93
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	91
4	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	90
5	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

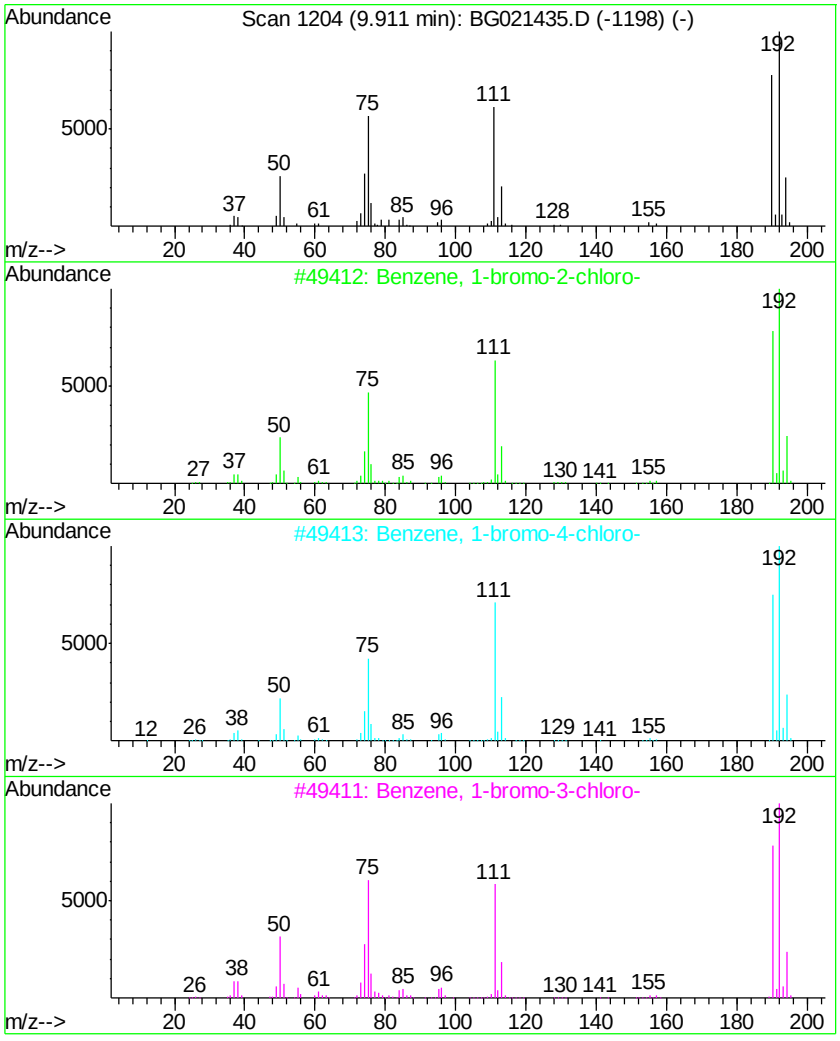
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

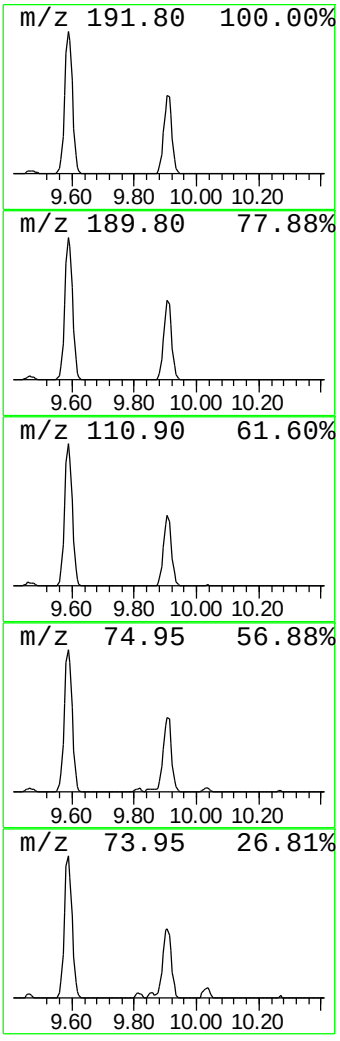
****

Peak Number 8 Benzene, 1-bromo-4-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	42.72 ng/ul	172053	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

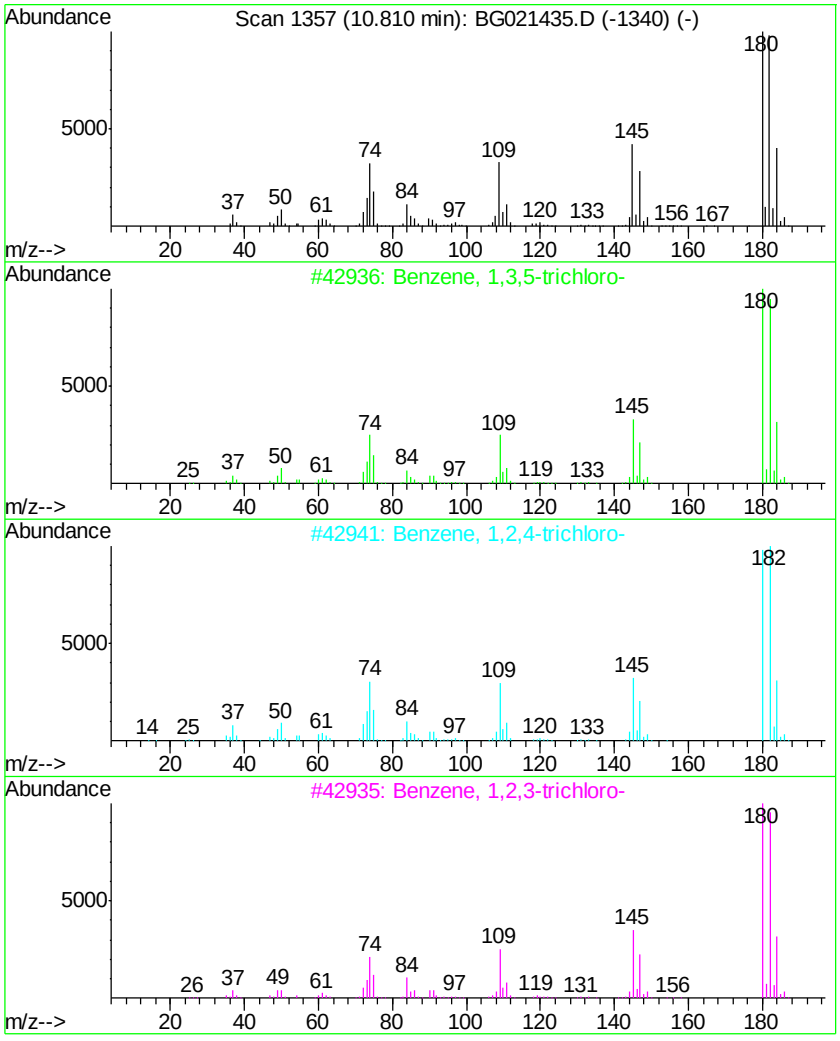
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

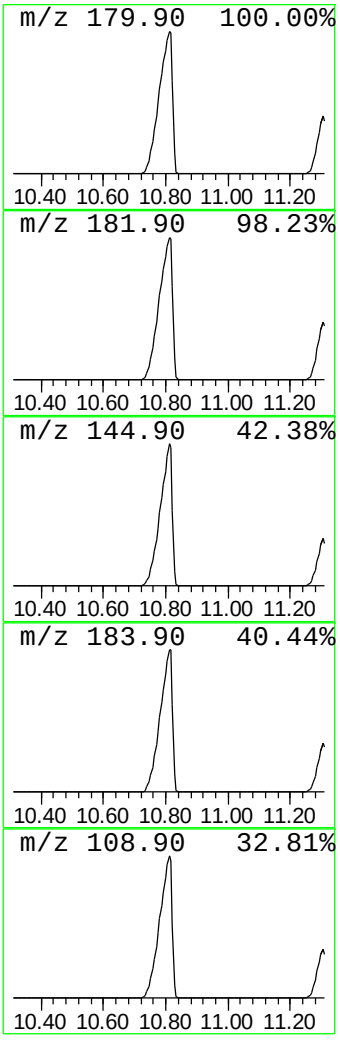
****

Peak Number 9 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	4213.75 ng/ul	16972600	Naphthalene-d8	10.92

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	97
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

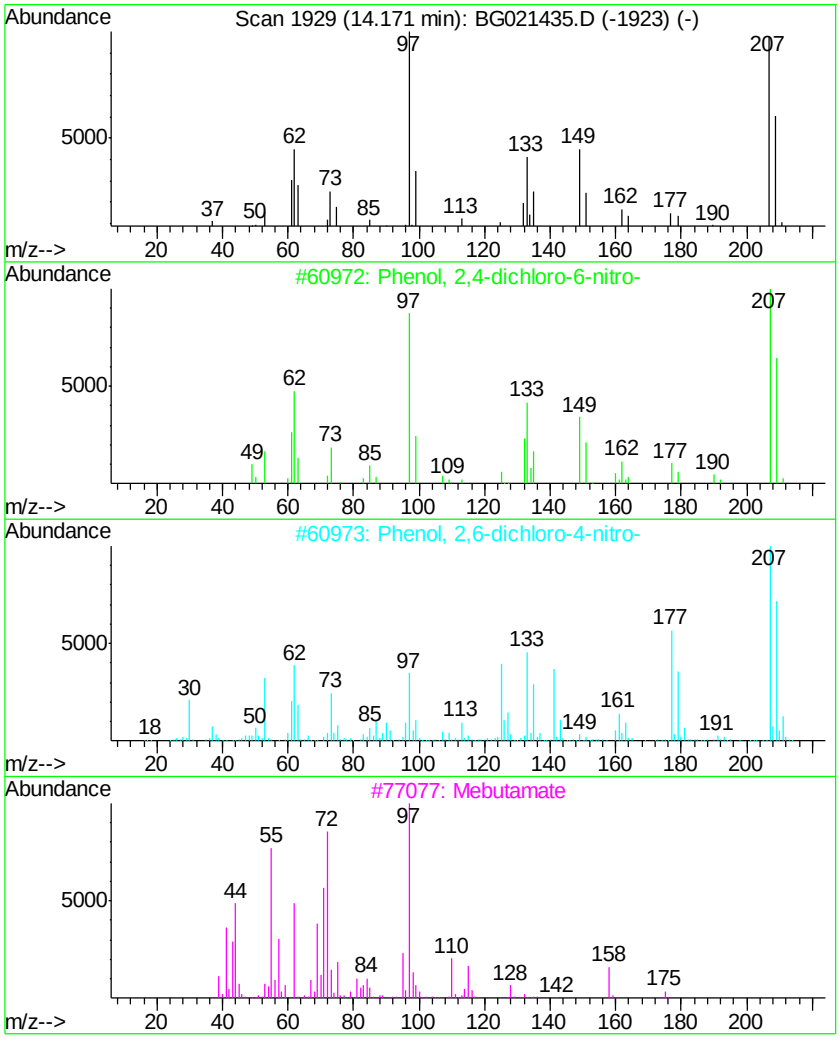
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

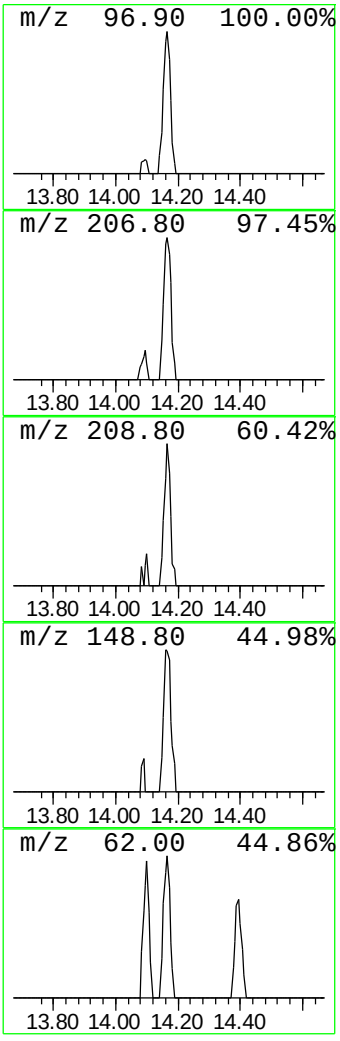
****

Peak Number 11 Phenol, 2,4-dichloro-6-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	4.40 ng/ul	25364	Acenaphthene-d10	14.70

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	32
3	Mebutamate	232	C10H20N2O4	000064-55-1	17
4	Methyl 3-(1-pyrrolo)thiophene-2-...	207	C10H9NO2S	074772-16-0	11
5	Quinoline, 8-bromo-	207	C9H6BrN	016567-18-3	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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, 1-bromo-...	9.59	73.2	ng/ul	294635	2	10.92	80558	20.0
Benzene, 1,3-dich...	9.82	10.8	ng/ul	43354	2	10.92	80558	20.0
Benzene, 1,4-dich...	9.86	11.7	ng/ul	47304	2	10.92	80558	20.0
Benzene, 1-bromo-...	9.91	42.7	ng/ul	172053	2	10.92	80558	20.0
Benzene, 1,3,5-tr...	10.81	4213.8	ng/ul	16972600	2	10.92	80558	20.0
Phenol, 2,4-dichl...	14.17	4.4	ng/ul	25364	3	14.70	115320	20.0