LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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	5.547	358	376	381	rBV	25877535	84775701	96.33%	27.682%
2	7.539	707	715	723	rVB	83515	166260	0.19%	0.054%
3	7.751	743	751	760	rBV	132606	263966	0.30%	0.086%
4	8.127	804	815	825	rBV	4283913	9879186	11.23%	3.226%
5	8.320	825	848	852	rBV	23540884	70376197	79.97%	22.980%
6	8.667	885	907	911	rBV	25511557	88001911	100.00%	28.735%
7	8.920	942	950	957	rBV2	99184	184781	0.21%	0.060%
8	9.390	1023	1030	1033	rBV2	166172	308703	0.35%	0.101%
9	9.437	1033	1038	1045	rVB	514461	894520	1.02%	0.292%
10	9.731	1081	1088	1094	rBV2	104990	183267	0.21%	0.060%
11	10.054	1137	1143	1148	rVB3	52931	101315	0.12%	0.033%
12	10.112	1148	1153	1161	rBV2	167260	302622	0.34%	0.099%
13	10.659	1239	1246	1255	rBV	214947	406884	0.46%	0.133%
14	10.947	1278	1295	1300	rBV	13033334	30576042	34.74%	9.984%
15	11.058	1308	1314	1321	rBV	160767	266740	0.30%	0.087%
16	11.446	1369	1380	1389	rBV	4283714	7986865	9.08%	2.608%
17	11.640	1405	1413	1421	rBV	353481	650429	0.74%	0.212%
18	11.846	1442	1448	1455	rBV2	93726	172544	0.20%	0.056%
19	13.044	1638	1652	1658	rBV	409979	794167	0.90%	0.259%
20	13.650	1747	1755	1763	rBV	1283895	2032083	2.31%	0.664%
21	14.231	1848	1854	1859	rBV	426589	641348	0.73%	0.209%
22	14.537	1898	1906	1913	rBV	412637	671524	0.76%	0.219%
23	14.836	1950	1957	1965	rVB	259304	406874	0.46%	0.133%
24	15.007	1979	1986	1995	rBV2	52021	92710	0.11%	0.030%
25	15.823	2117	2125	2136	rBV	540166	836109	0.95%	0.273%
26	15.929	2136	2143	2152	rBV	225778	343894	0.39%	0.112%
27	17.574	2415	2423	2430	rBV	336306	518977	0.59%	0.169%
28	17.674	2433	2440	2447	rVV	614298	944884	1.07%	0.309%
29	18.932	2645	2654	2661	rBV3	235172	350961	0.40%	0.115%
30	19.942	2819	2826	2834	rBV	767239	1094825	1.24%	0.357%
31	21.852	3145	3151	3159	rVB	308262	504420	0.57%	0.165%
32	24.983	3673	3684	3694	rBV	340049	985215	1.12%	0.322%
33	25.218	3714	3724	3734	rVB3	175791	536131	0.61%	0.175%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 306252055

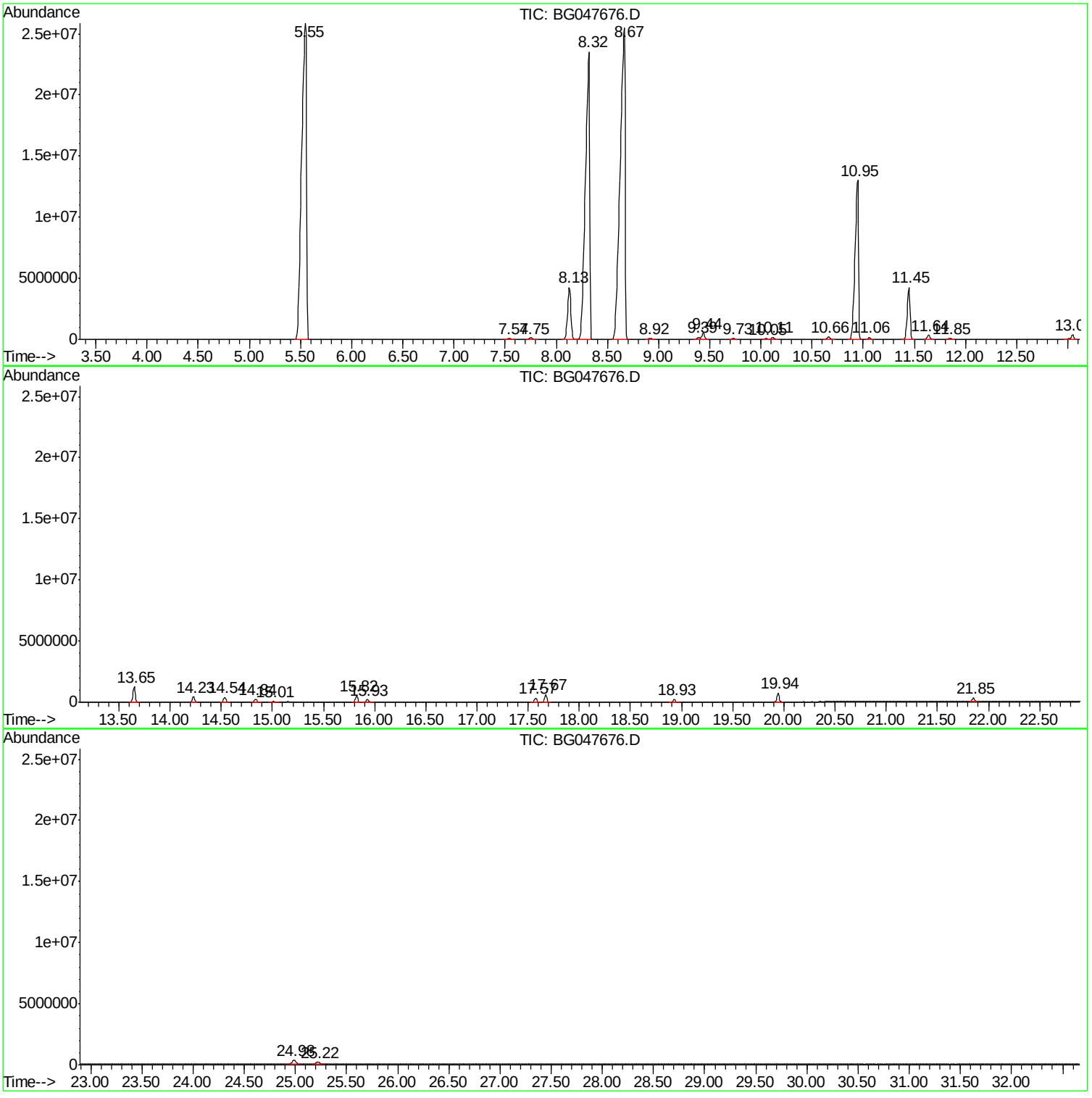
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

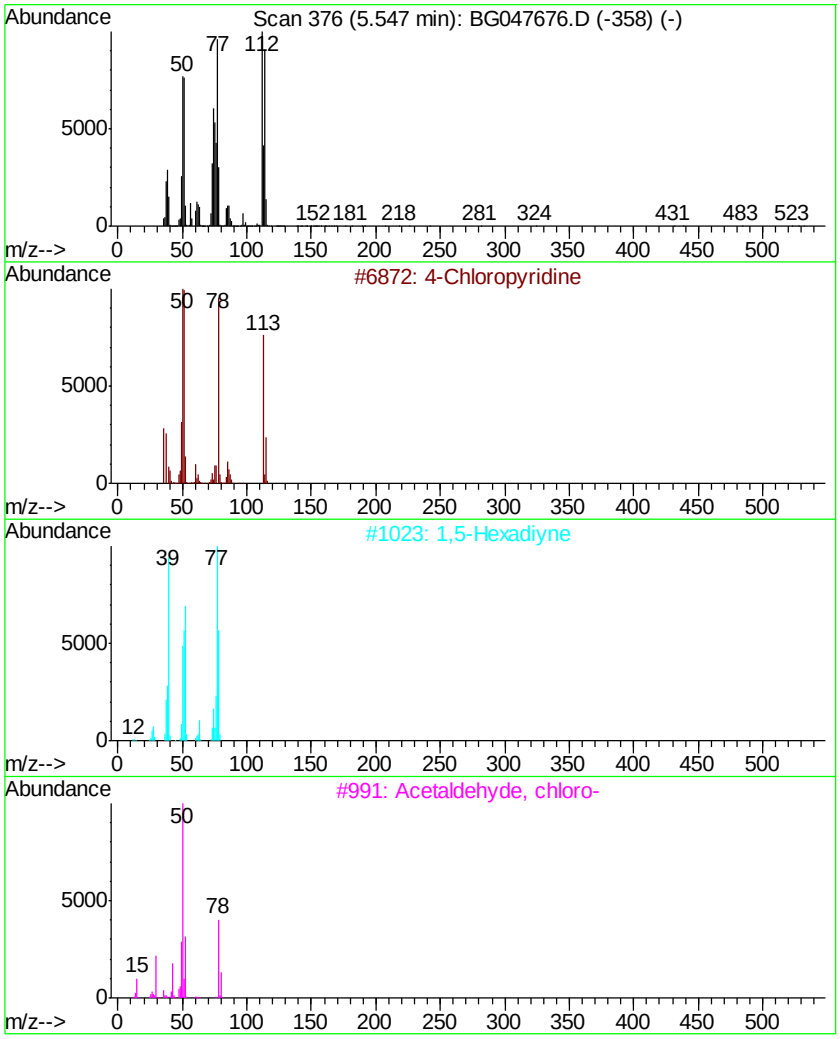
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

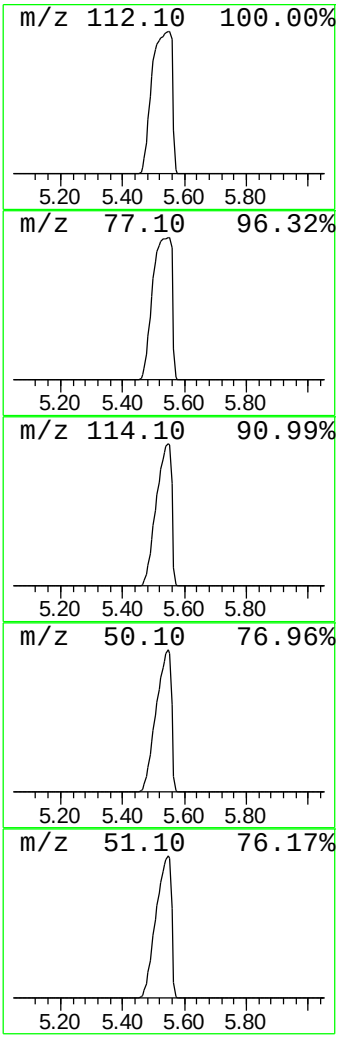
****

Peak Number 1 4-Chloropyridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	24.09 ng/ul	84775700	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloropyridine	113	C5H4ClN	000626-61-9	86
2	1,5-Hexadiyne	78	C6H6	000628-16-0	37
3	Acetaldehyde, chloro-	78	C2H3ClO	000107-20-0	25
4	Acetic acid, chloro-	94	C2H3ClO2	000079-11-8	12
5	Difluoroacetic acid	96	C2H2F2O2	000381-73-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

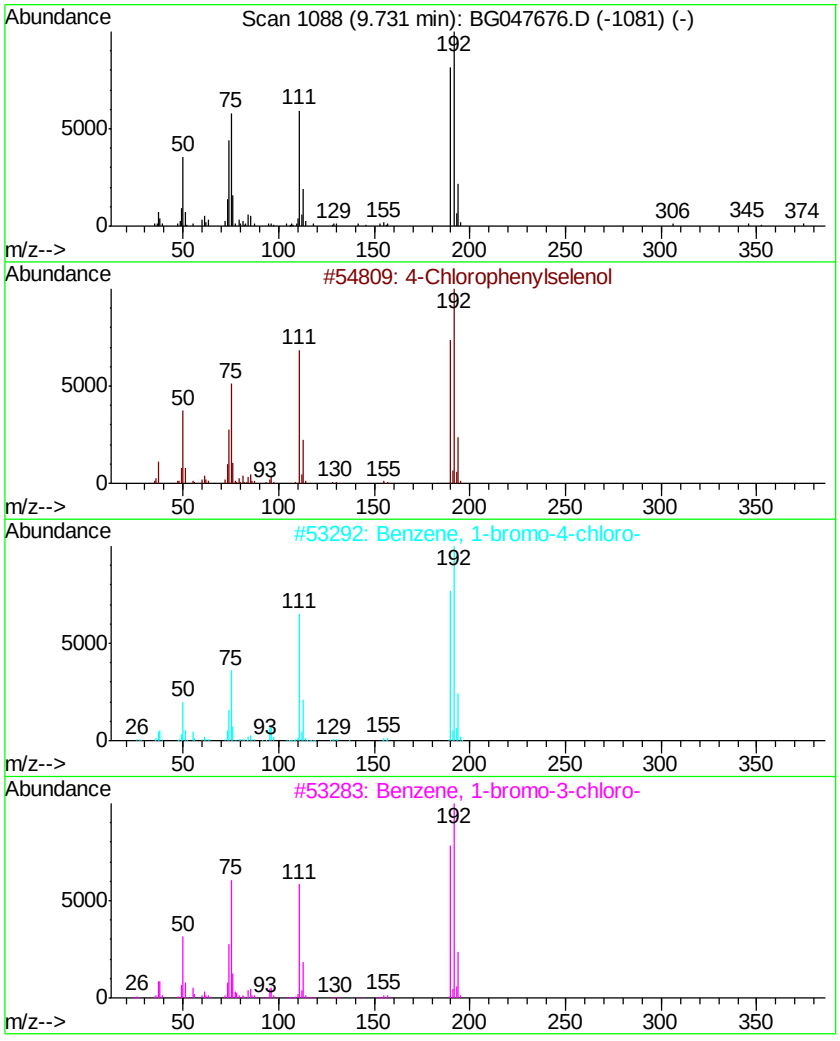
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

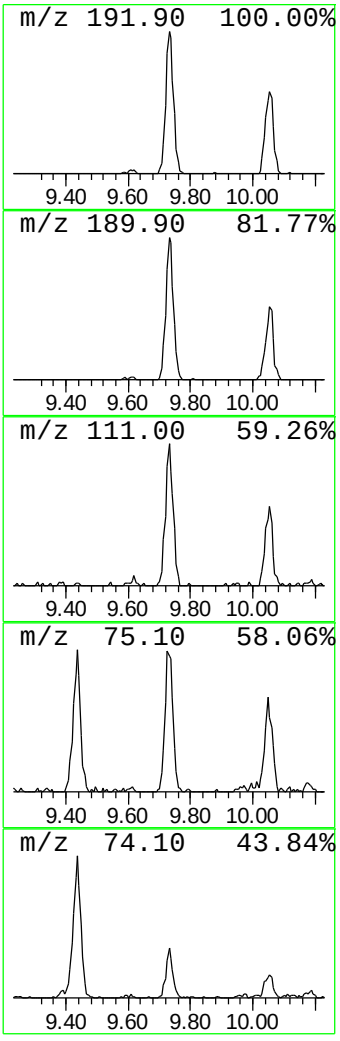
****

Peak Number 5 4-Chlorophenylselenol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	13.74 ng/ul	183267	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	94
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	93
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	93
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	93
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

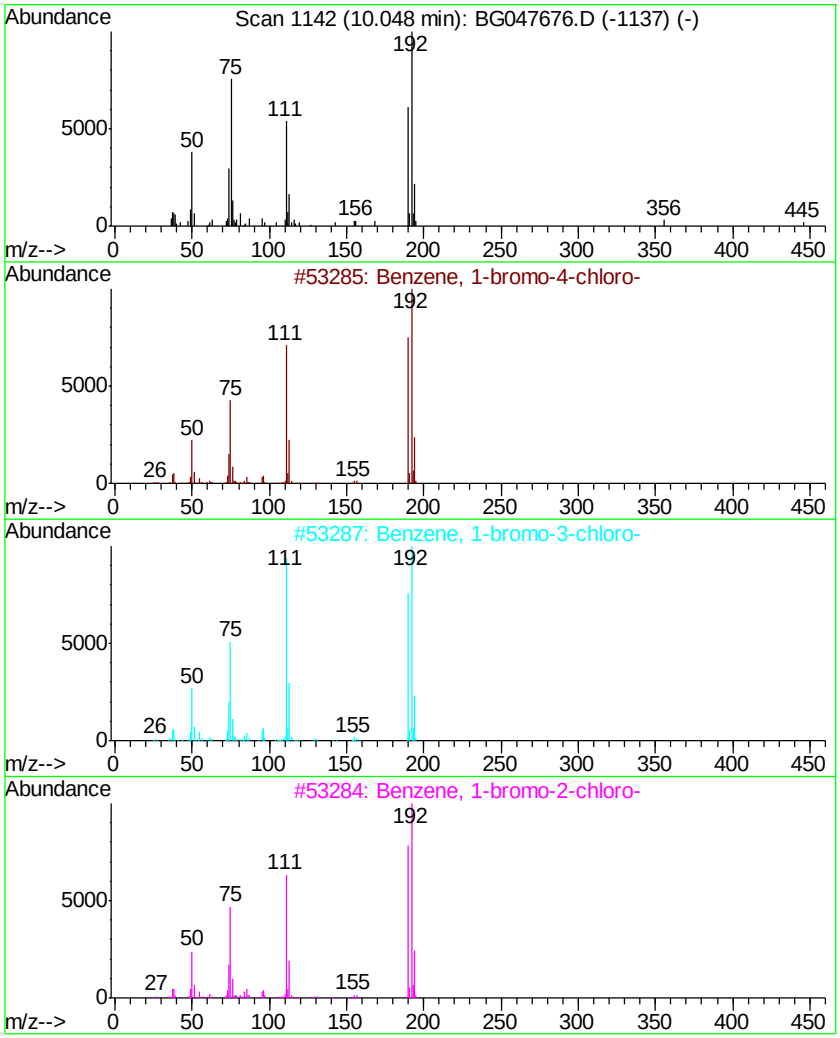
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

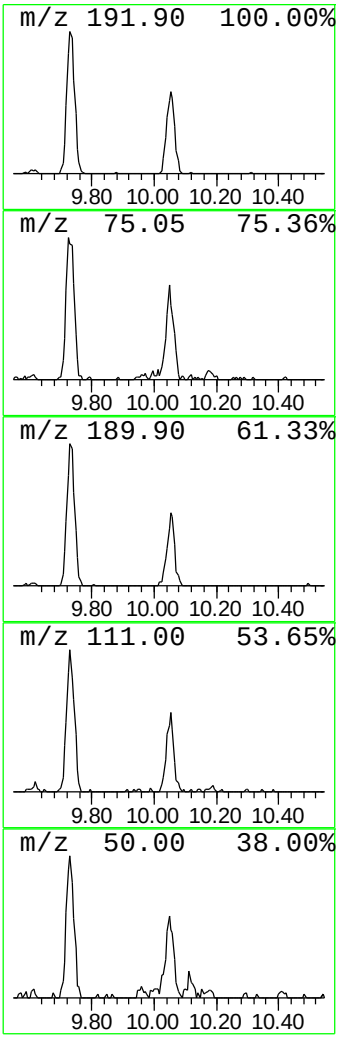
****

Peak Number 6 Benzene, 1-bromo-4-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	7.60 ng/ul	101315	Naphthalene-d8	11.06

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	94
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

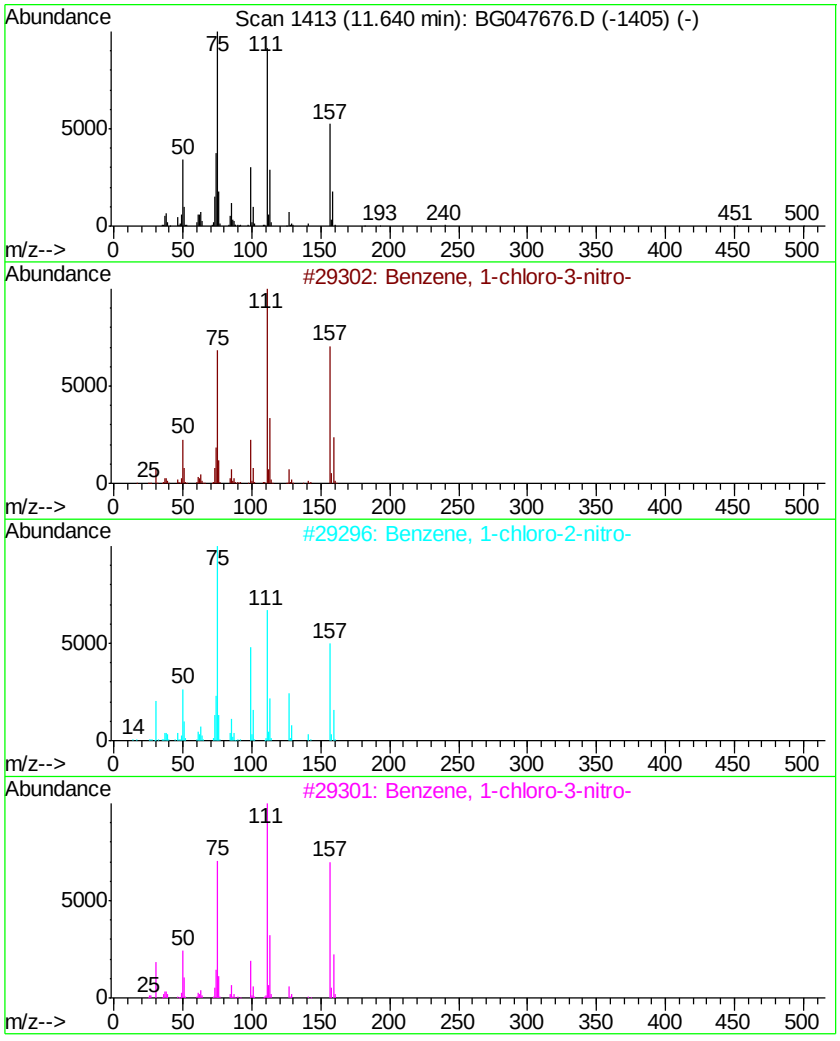
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

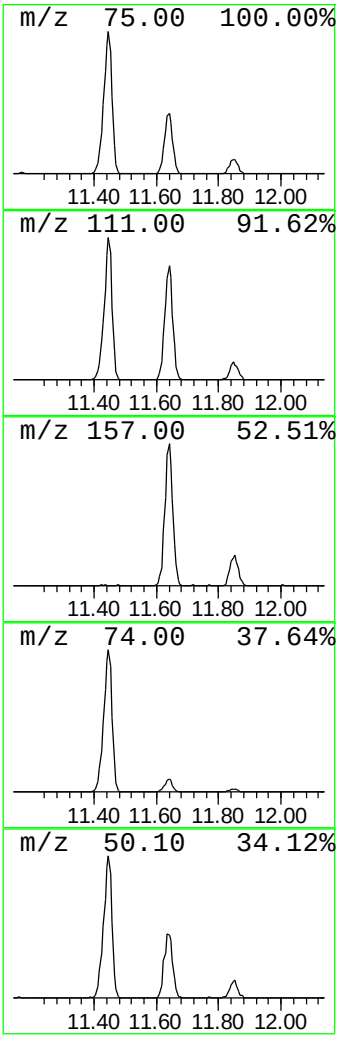
****

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	48.77 ng/ul	650429	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

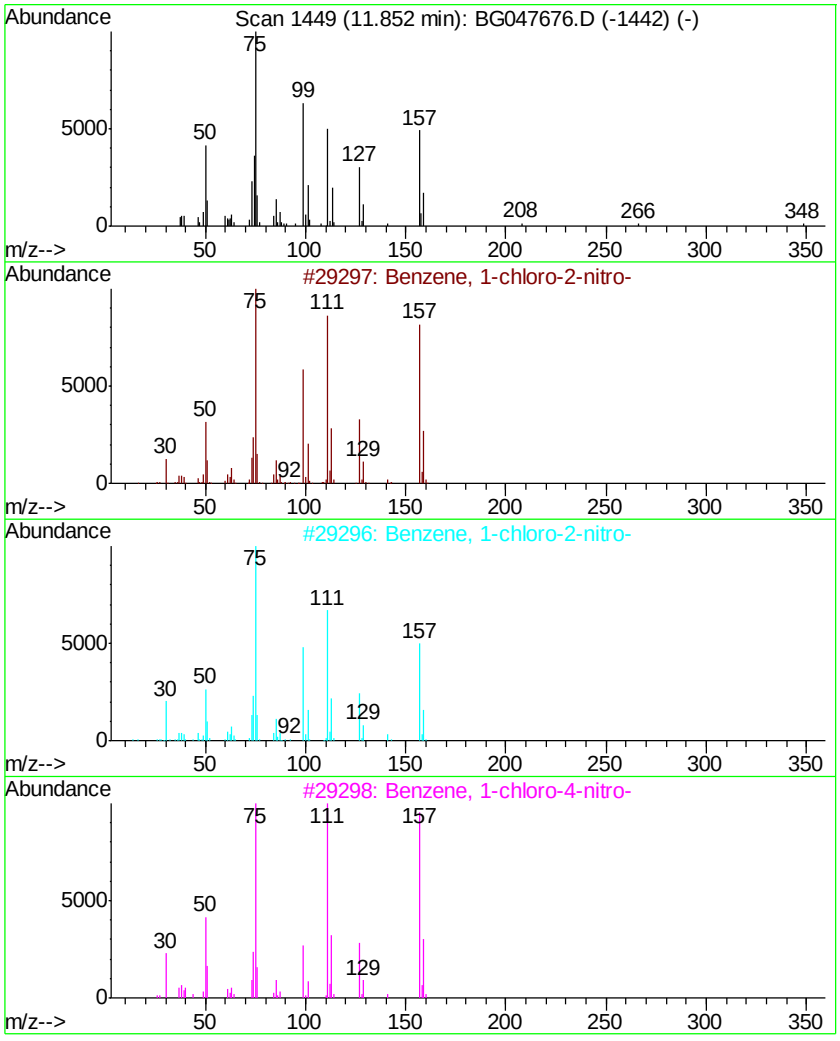
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

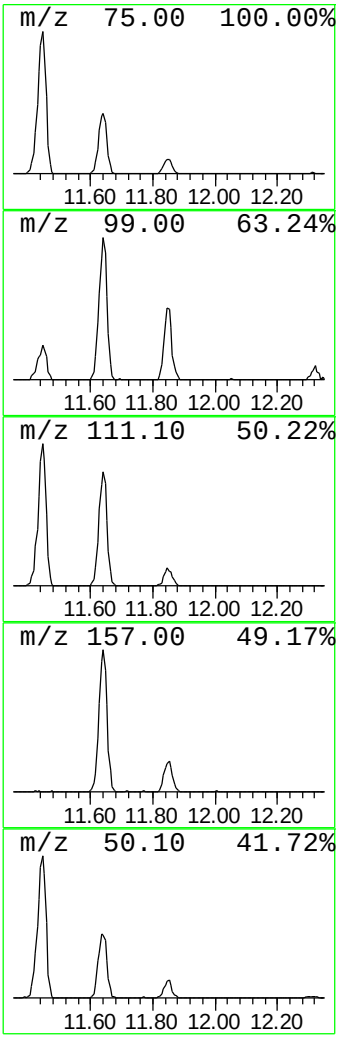
****

Peak Number 10 Benzene, 1-chloro-4-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	12.94 ng/ul	172544	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	90
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	60
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	59
4	Tetrasul sulfoxide	338	C12H6Cl4OS	035850-29-4	37
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

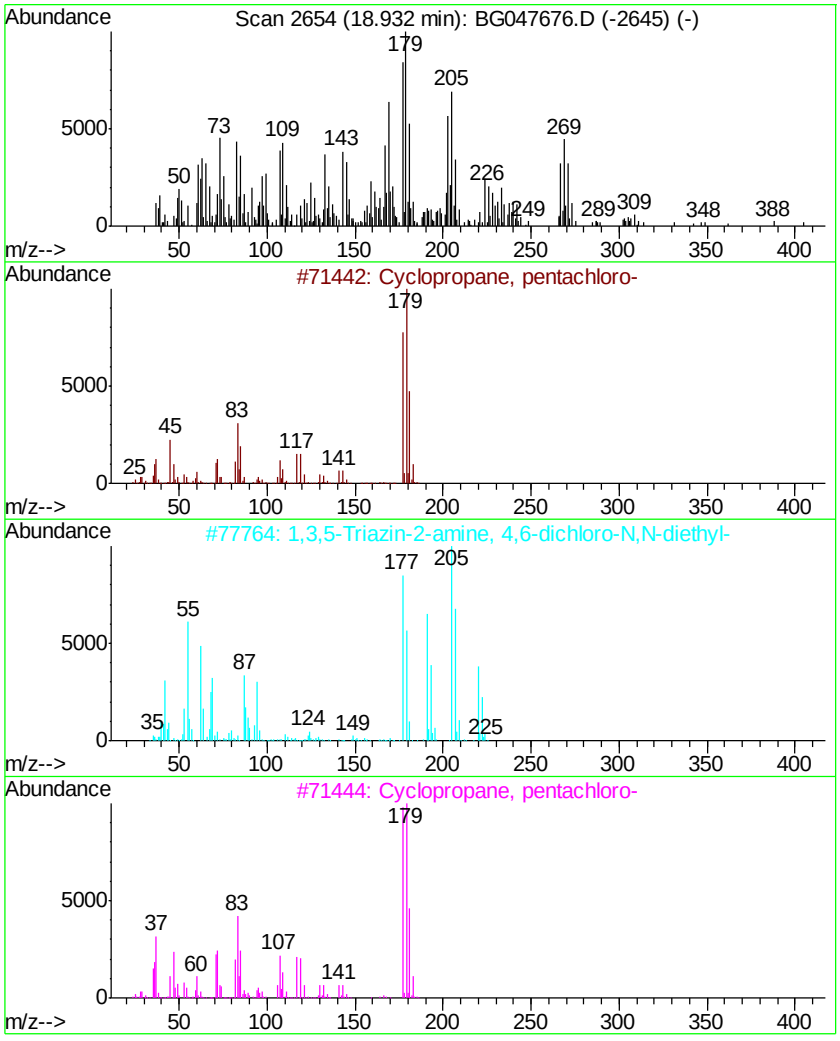
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

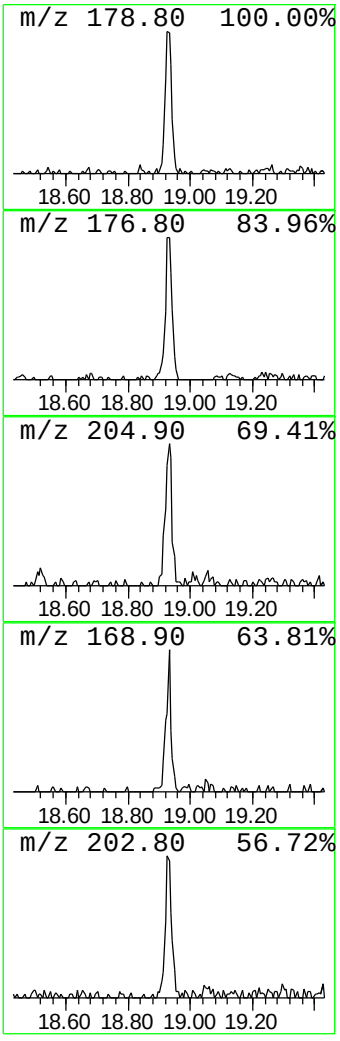
****

Peak Number 11 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	13.53 ng/ul	350961	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	16
2	1,3,5-Triazin-2-amine, 4,6-dichl...	220	C7H10Cl2N4	001722-19-6	16
3	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	16
4	1H-Pyrrole, 1-(4-chlorophenyl)-	177	C10H8ClN	005044-38-2	11
5	2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120820\
Data File : BG047676.D
Acq On : 9 Dec 2020 16:37
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Chloropyridine	5.55	24.1	ng/ul	84775700	1	8.26	70376200	20.0
4-Chlorophenylsel...	9.73	13.7	ng/ul	183267	2	11.06	266740	20.0
Benzene, 1-bromo-...	10.05	7.6	ng/ul	101315	2	11.06	266740	20.0
Benzene, 1-chloro...	11.64	48.8	ng/ul	650429	2	11.06	266740	20.0
Benzene, 1-chloro...	11.85	12.9	ng/ul	172544	2	11.06	266740	20.0
unknown-01	18.93	13.5	ng/ul	350961	4	17.57	518977	20.0