LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 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	357	376	381	rBV	26324331	87414042	100.00%	28.838%
2	7.533	705	714	723	rBV	80394	162272	0.19%	0.054%
3	7.750	742	751	760	rBV3	130410	248514	0.28%	0.082%
4	8.126	804	815	827	rBV	4096111	9628653	11.01%	3.177%
5	8.320	827	848	852	rBV	23243746	69548657	79.56%	22.944%
6	8.661	885	906	911	rBV	24664520	86833701	99.34%	28.647%
7	8.914	940	949	956	rBV2	96439	169787	0.19%	0.056%
8	9.390	1022	1030	1033	rBV	165616	304938	0.35%	0.101%
9	9.431	1033	1037	1045	rVB	479671	844512	0.97%	0.279%
10	9.730	1079	1088	1094	rBV3	99983	181286	0.21%	0.060%
11	10.048	1137	1142	1147	rVB2	53499	97000	0.11%	0.032%
12	10.112	1147	1153	1161	rBV2	158842	289786	0.33%	0.096%
13	10.659	1237	1246	1254	rBV	195129	369748	0.42%	0.122%
14	10.941	1279	1294	1300	rBV	12734454	28788749	32.93%	9.497%
15	11.058	1307	1314	1320	rBV	114481	184897	0.21%	0.061%
16	11.446	1369	1380	1388	rBV	3927285	7437731	8.51%	2.454%
17	11.640	1404	1413	1420	rBV	330399	596400	0.68%	0.197%
18	11.846	1440	1448	1456	rBV2	92377	167918	0.19%	0.055%
19	13.044	1636	1652	1661	rVB	377471	724608	0.83%	0.239%
20	13.644	1747	1754	1761	rBV	1149008	1852476	2.12%	0.611%
21	14.225	1846	1853	1858	rBV	402641	593310	0.68%	0.196%
22	14.531	1899	1905	1912	rVB	379956	608688	0.70%	0.201%
23	14.830	1951	1956	1964	rVB2	166733	273046	0.31%	0.090%
24	15.823	2116	2125	2134	rBV	497002	767765	0.88%	0.253%
25	15.923	2136	2142	2150	rBV2	215375	337702	0.39%	0.111%
26	17.568	2414	2422	2429	rBV	239077	369019	0.42%	0.122%
27	17.668	2433	2439	2447	rVB	588544	893402	1.02%	0.295%
28	18.926	2646	2653	2660	rBV2	262537	369216	0.42%	0.122%
29	19.942	2819	2826	2836	rVB	758768	1132951	1.30%	0.374%
30	21.846	3144	3150	3157	rBV	246854	415302	0.48%	0.137%
31	24.977	3671	3683	3694	rBV	369859	1060597	1.21%	0.350%
32	25.206	3711	3722	3734	rVB2	148427	454426	0.52%	0.150%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 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: 303121099

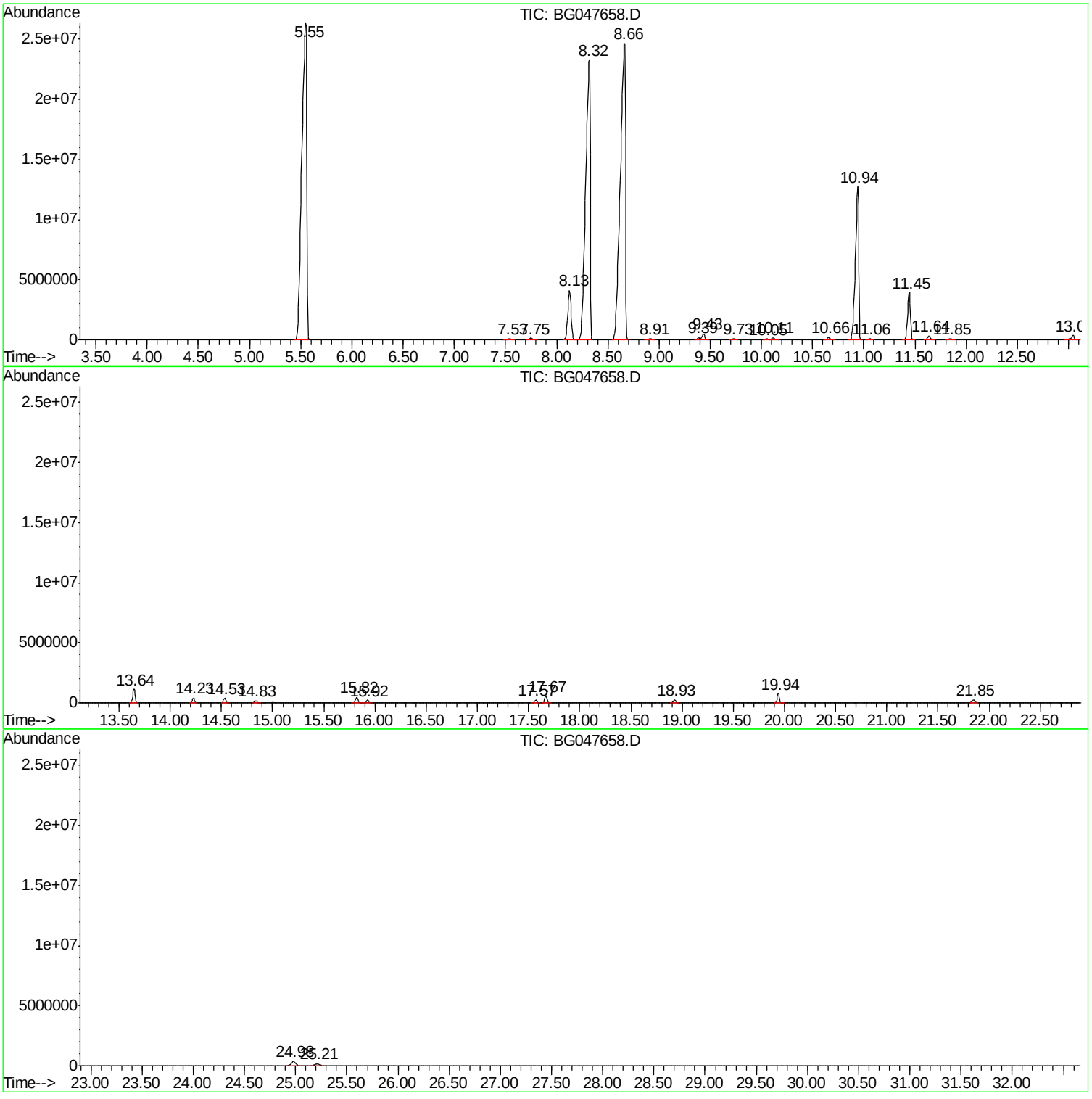
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 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 : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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

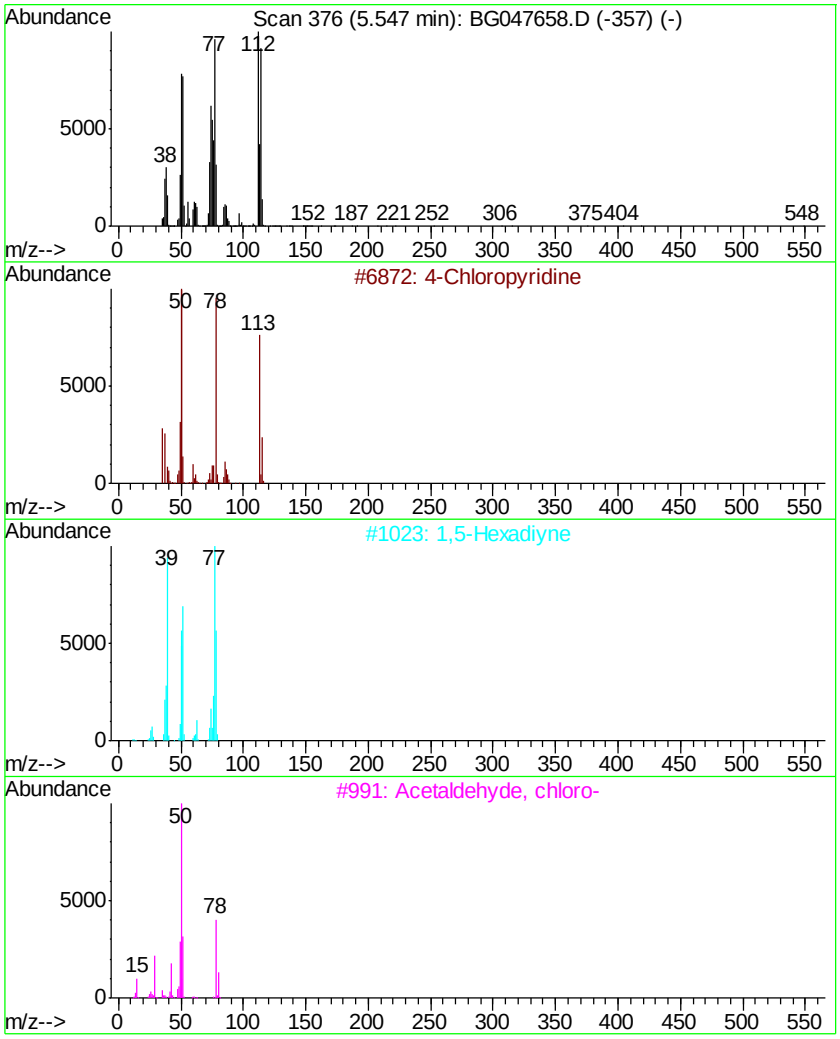
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

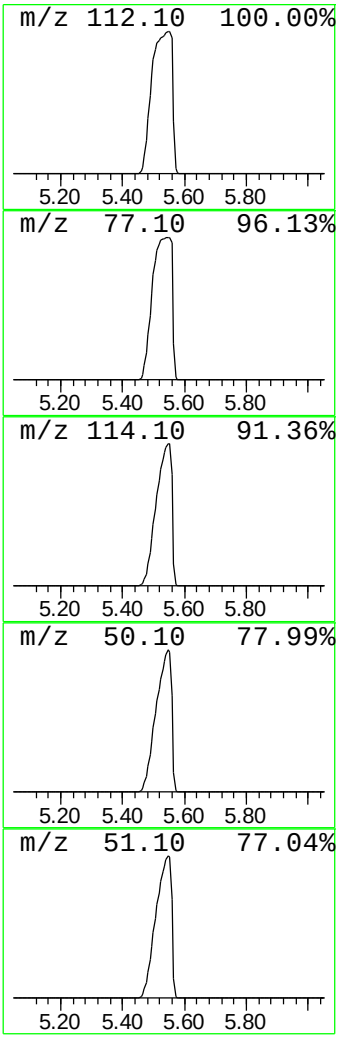
****

Peak Number 1 4-Chloropyridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	25.14 ng/ul	87414000	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloropyridine	113	C5H4ClN	000626-61-9	60
2	1,5-Hexadiyne	78	C6H6	000628-16-0	37
3	Acetaldehyde, chloro-	78	C2H3ClO	000107-20-0	25
4	Acetaldehyde, chloro-	78	C2H3ClO	000107-20-0	12
5	Acetic acid, chloro-	94	C2H3ClO2	000079-11-8	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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

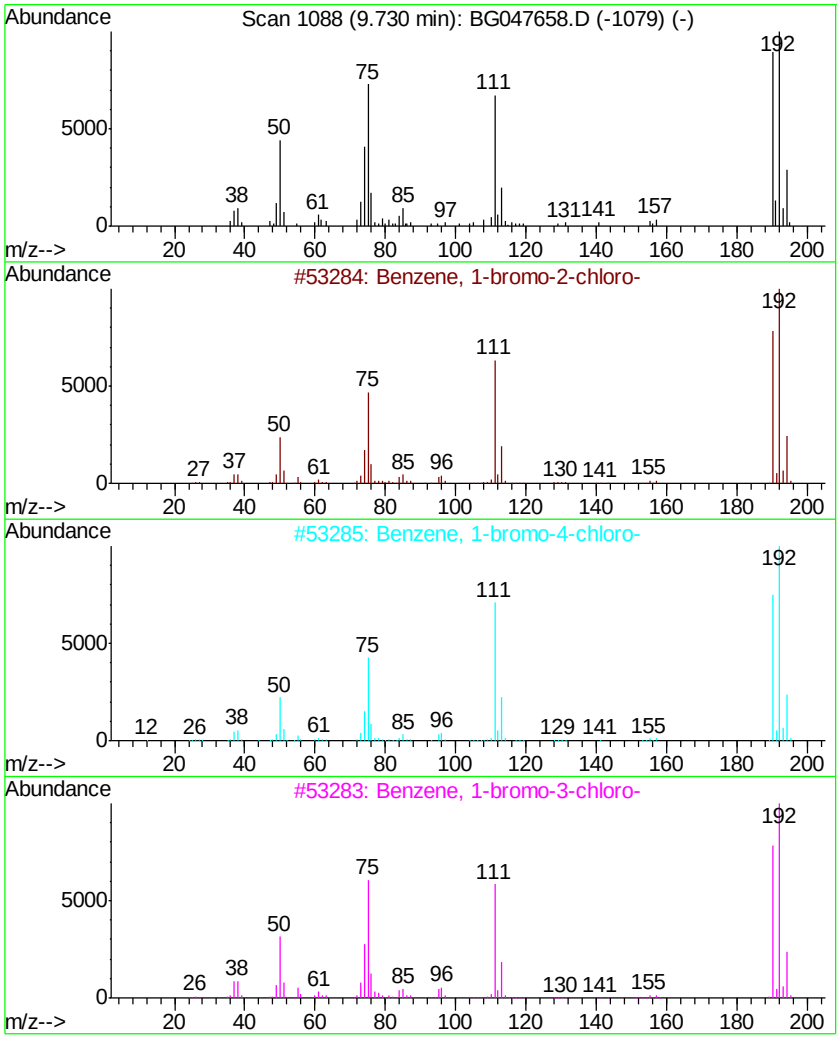
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

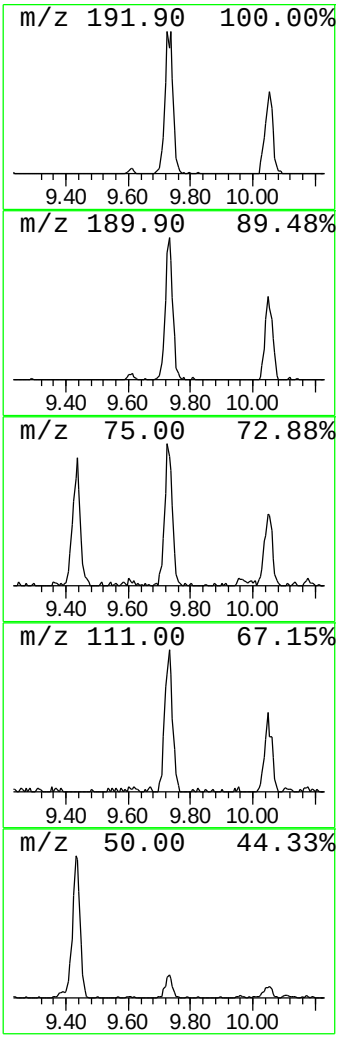
****

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	19.61 ng/ul	181286	Naphthalene-d8	11.06

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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

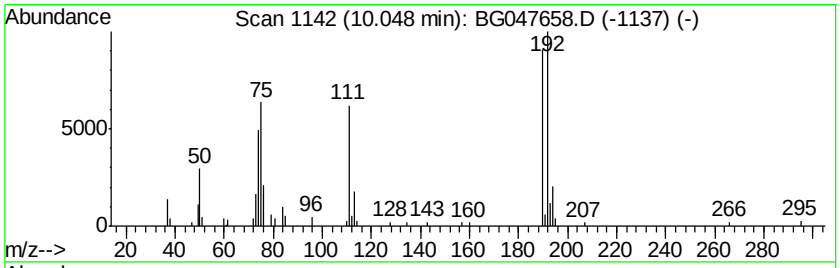
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

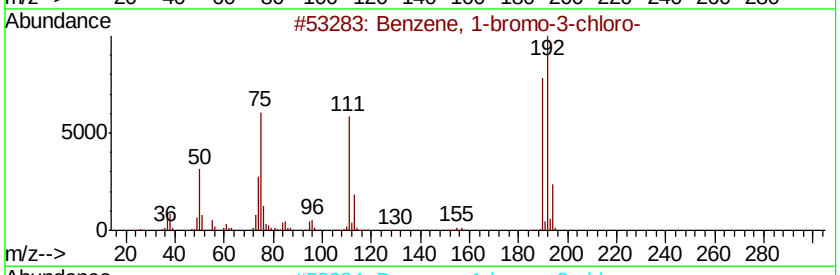
****

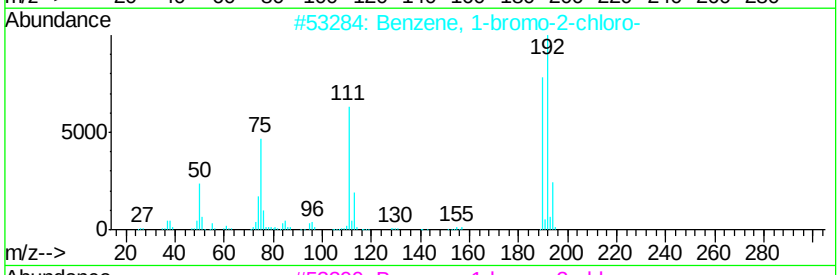
Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 10

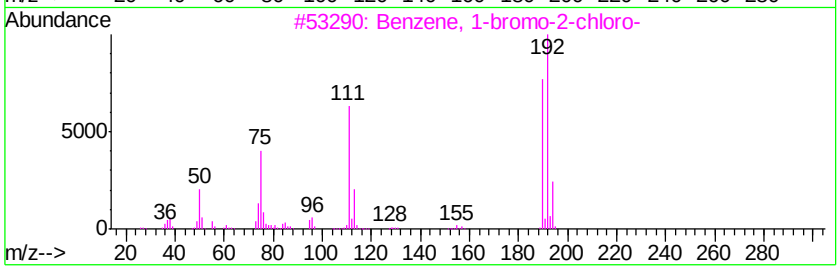
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	10.49 ng/ul	97000	Naphthalene-d8	11.06

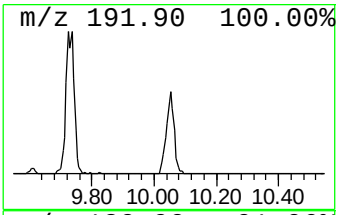
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	92
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	76
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	70

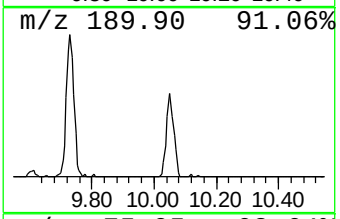


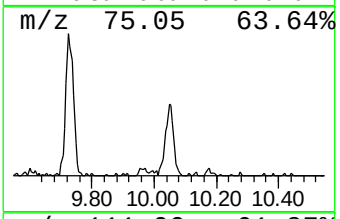


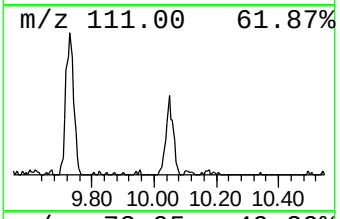


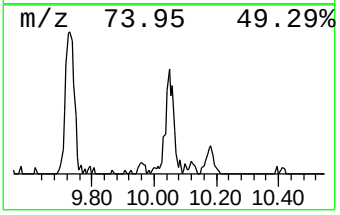












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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

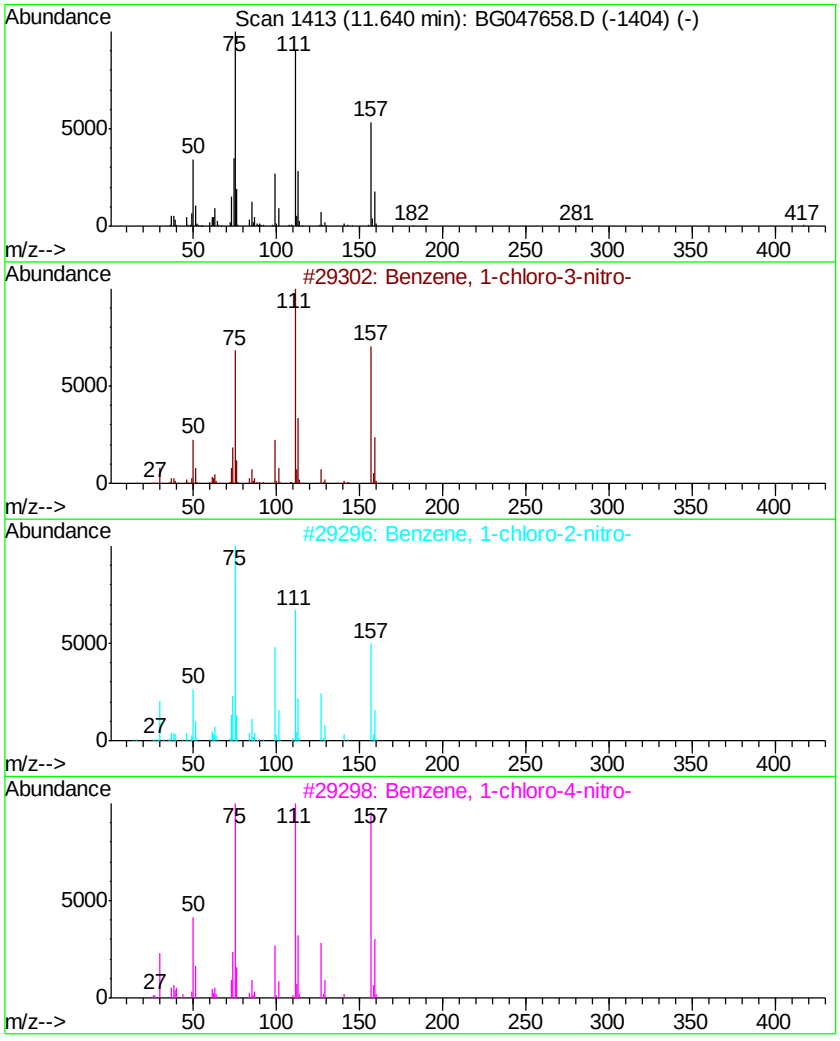
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

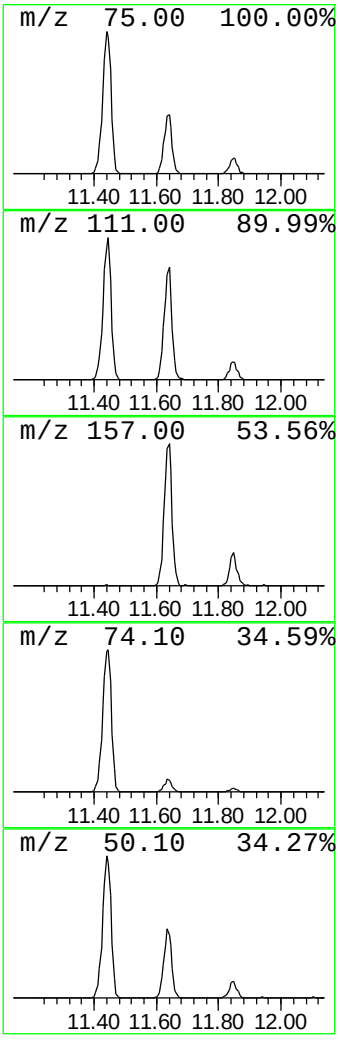
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	64.51 ng/ul	596400	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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

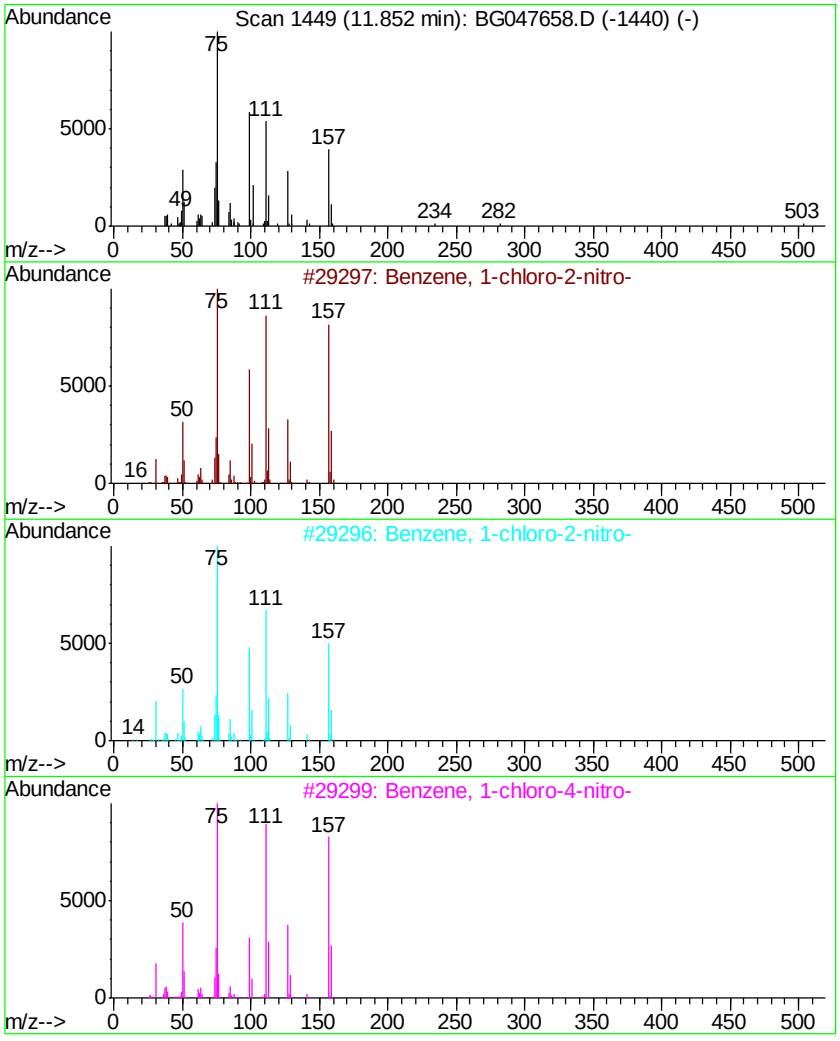
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

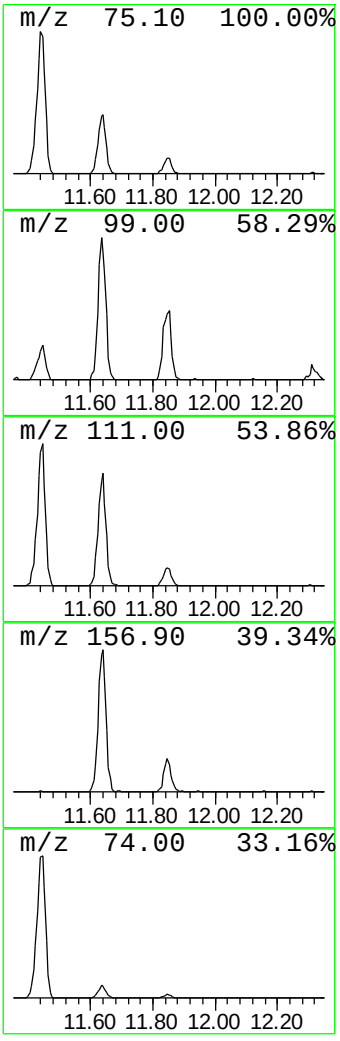
****

Peak Number 10 Benzene, 1-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	18.16 ng/ul	167918	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	58
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	58
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0FW4

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

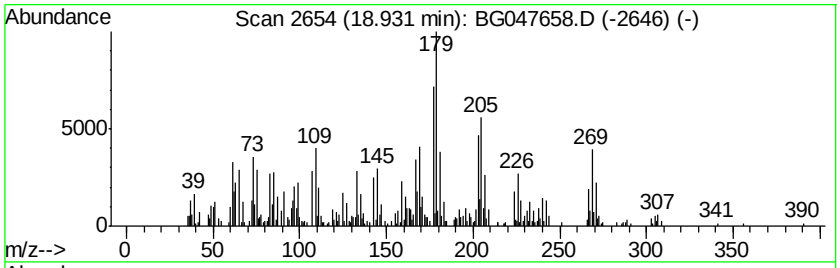
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

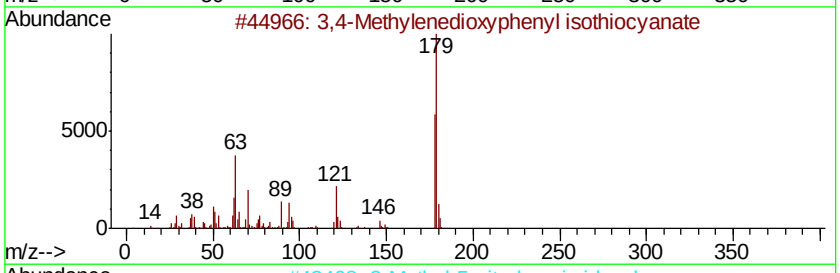
****

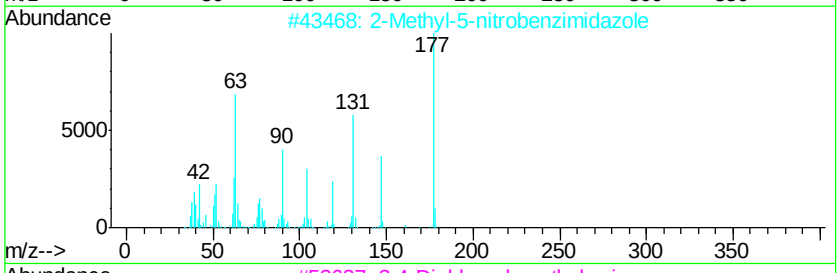
Peak Number 11 unknown-01 Concentration Rank 6

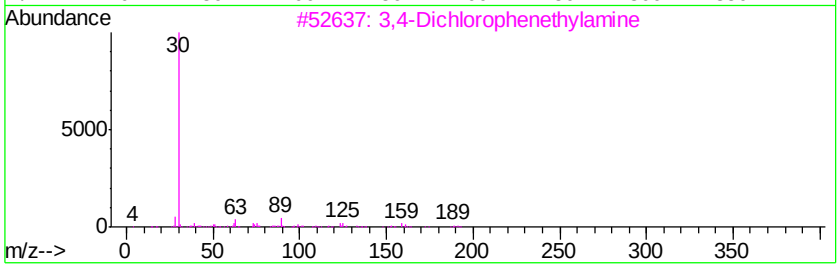
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	20.01 ng/ul	369216	Phenanthrene-d10	17.57

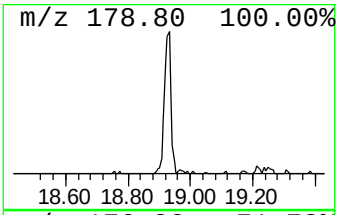
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	38
2	2-Methyl-5-nitrobenzimidazole	177	C8H7N3O2	001792-40-1	35
3	3,4-Dichlorophenethylamine	189	C8H9Cl2N	021581-45-3	30
4	(1-Chloroethyl)trichlorosilane	196	C2H4Cl4Si	007787-82-8	25
5	Benzenesulfonyl chloride, 2,4-di...	266	C6H3ClN2O6S	001656-44-6	12

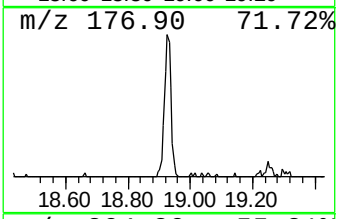


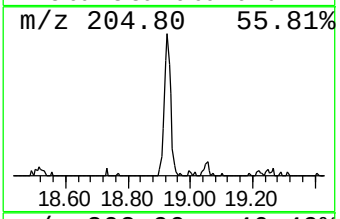


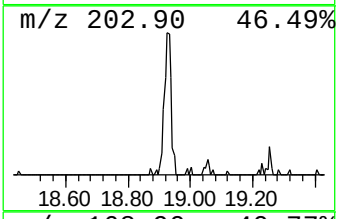


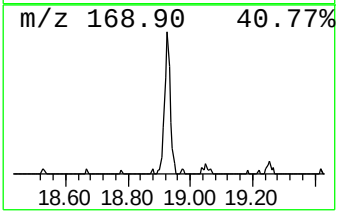












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120820\
Data File : BG047658.D
Acq On : 8 Dec 2020 21:35
Operator : CG/JU
Sample : L4921-05
Misc :
ALS Vial : 10 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	25.1	ng/ul	87414000	1	8.26	69548700	20.0
Benzene, 1-bromo-...	9.73	19.6	ng/ul	181286	2	11.06	184897	20.0
Benzene, 1-bromo-...	10.05	10.5	ng/ul	97000	2	11.06	184897	20.0
Benzene, 1-chloro...	11.64	64.5	ng/ul	596400	2	11.06	184897	20.0
Benzene, 1-chloro...	11.85	18.2	ng/ul	167918	2	11.06	184897	20.0
unknown-01	18.93	20.0	ng/ul	369216	4	17.57	369019	20.0