Quantitation Report (QT Reviewed)

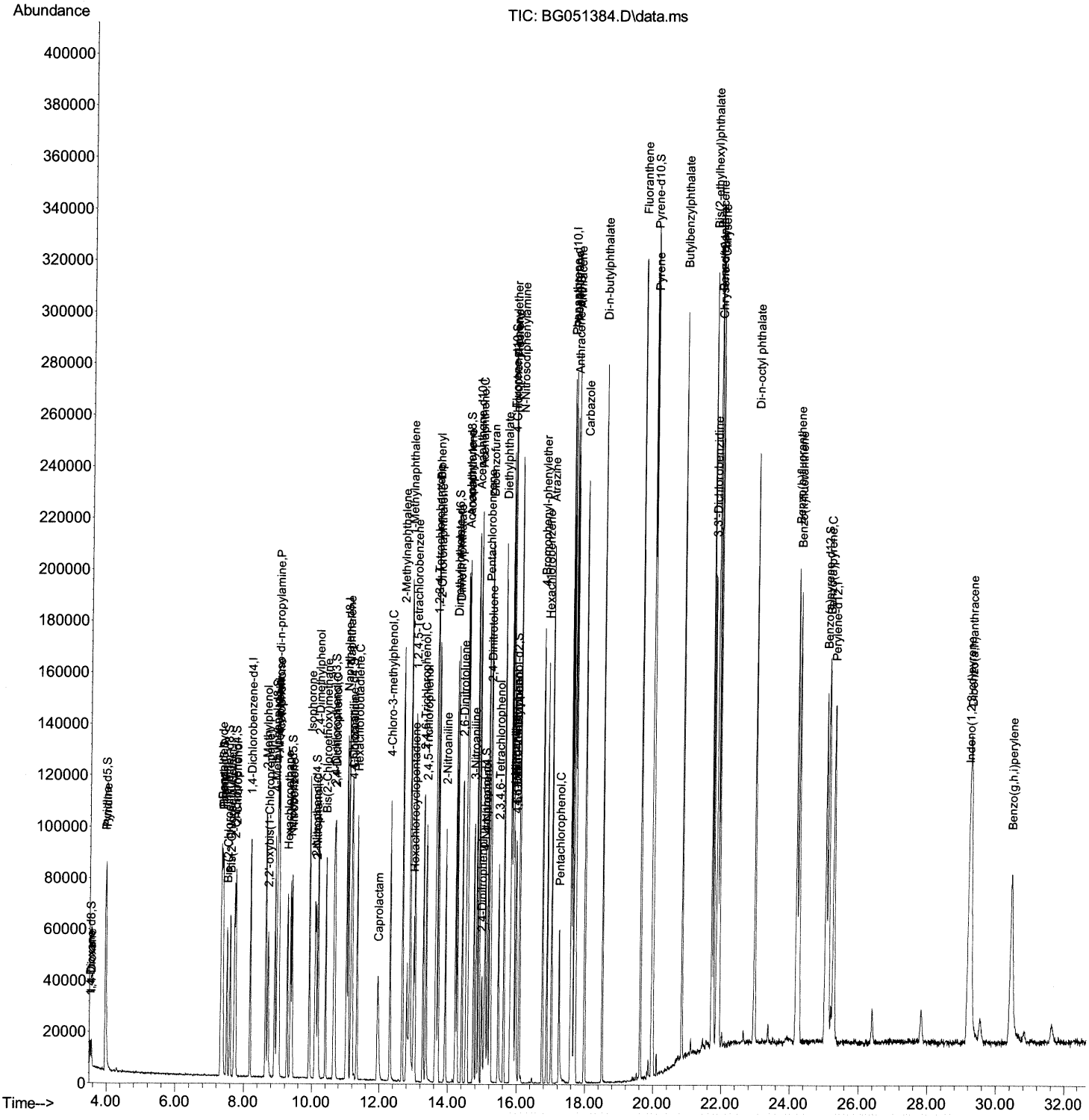
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 08 02:25:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



Quantitation Report (Qedit)

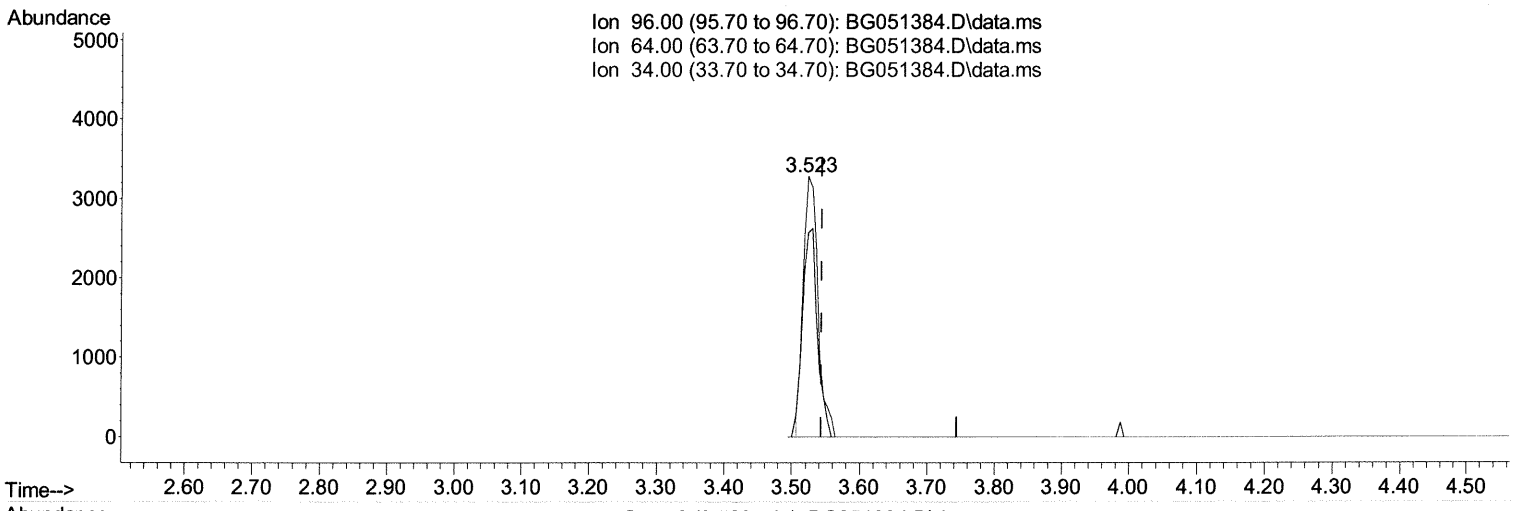
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

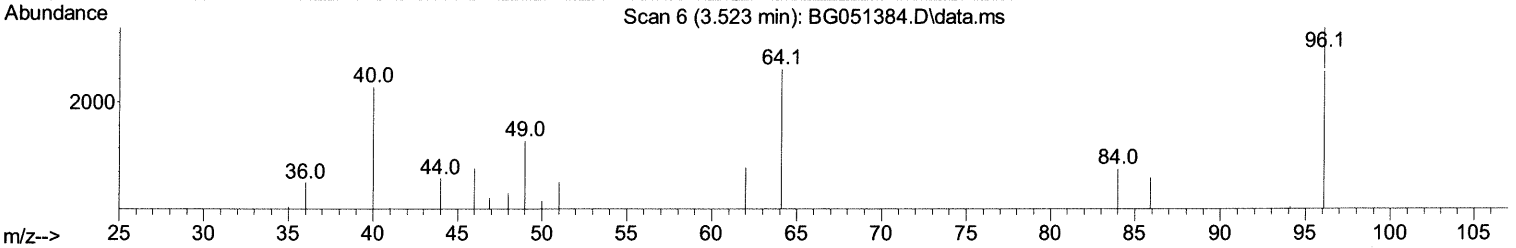
Quant Time: Dec 08 02:25:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

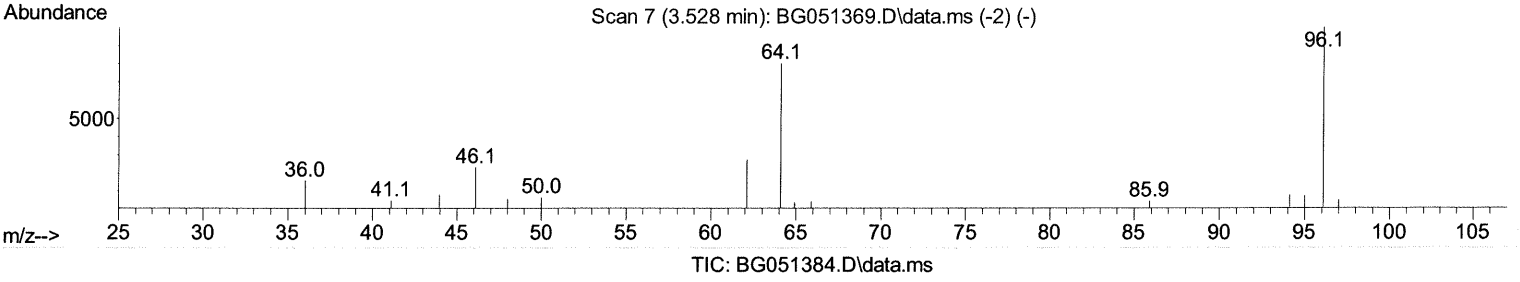
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021







TIC: BG051384.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.523min (-0.021) 6.89 ng/uL

response 5061

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	78.38
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

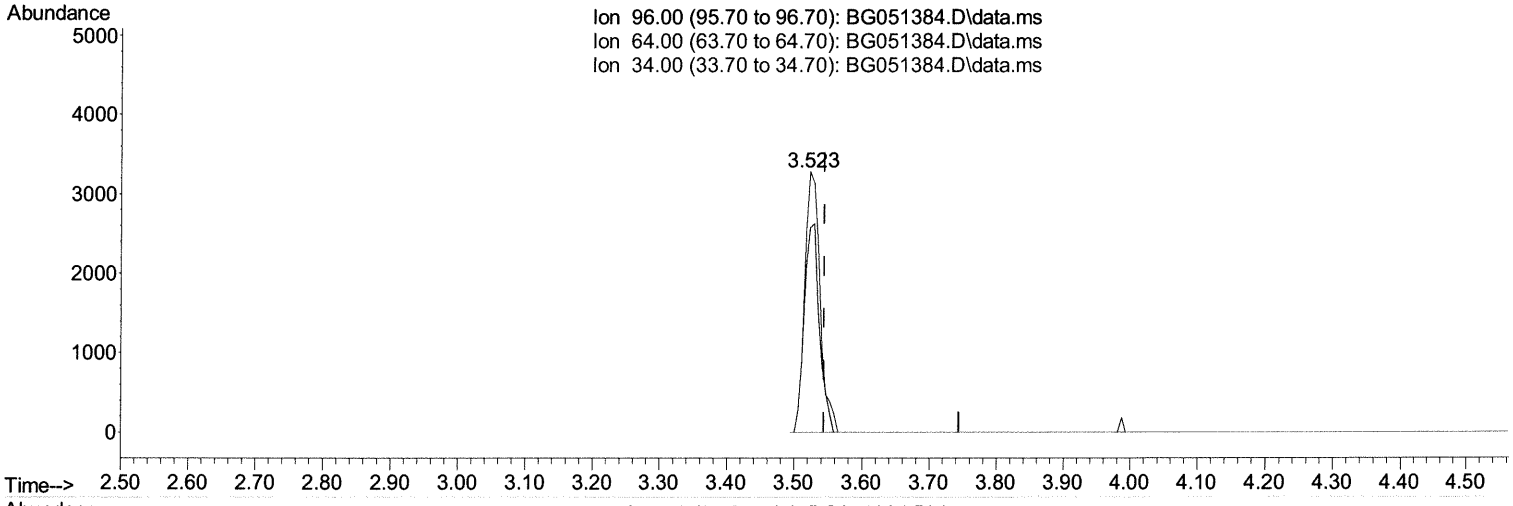
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

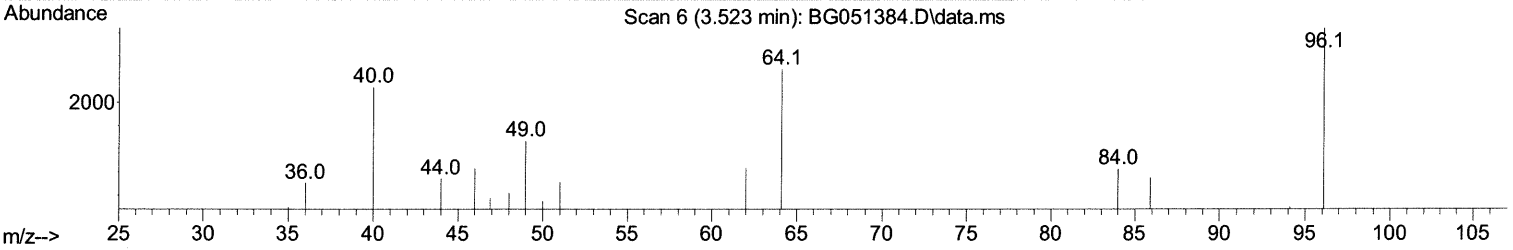
Quant Time: Dec 08 02:25:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

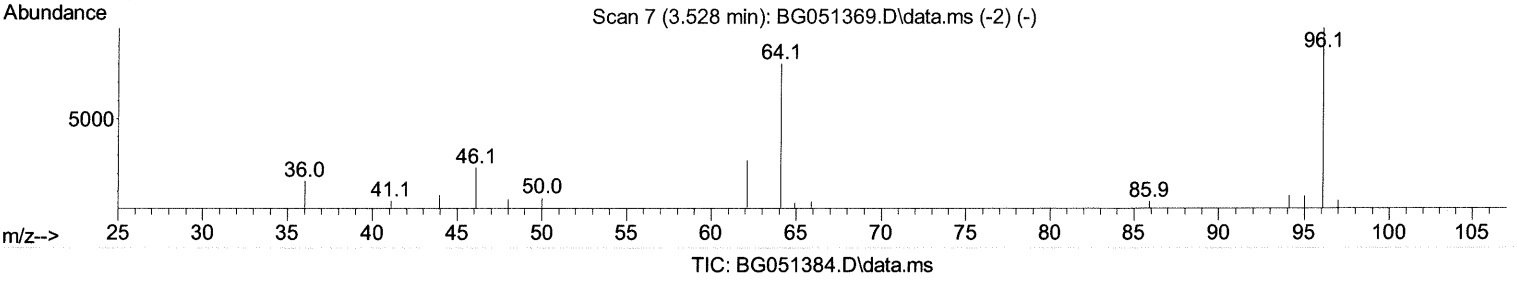
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021







TIC: BG051384.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.523min (-0.021) 7.02 ng/uL m 12/11/21 JU

response 5160

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	78.38
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 08 02:25:30 2021
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Quant Title : SVOA CALIBRATION
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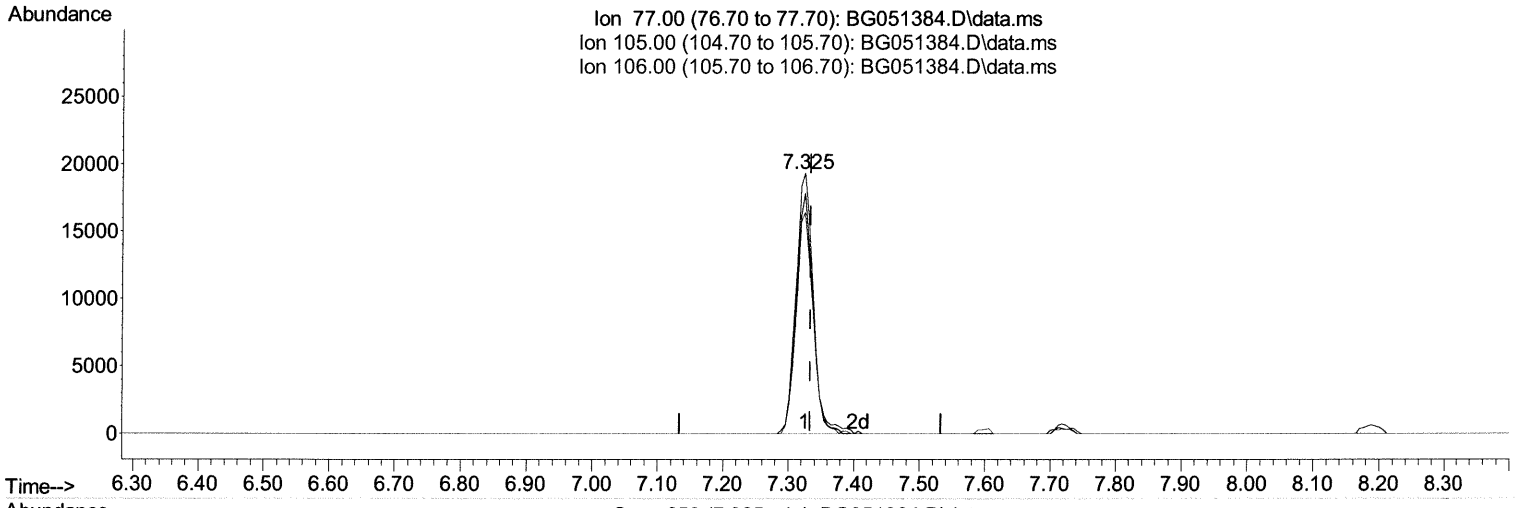
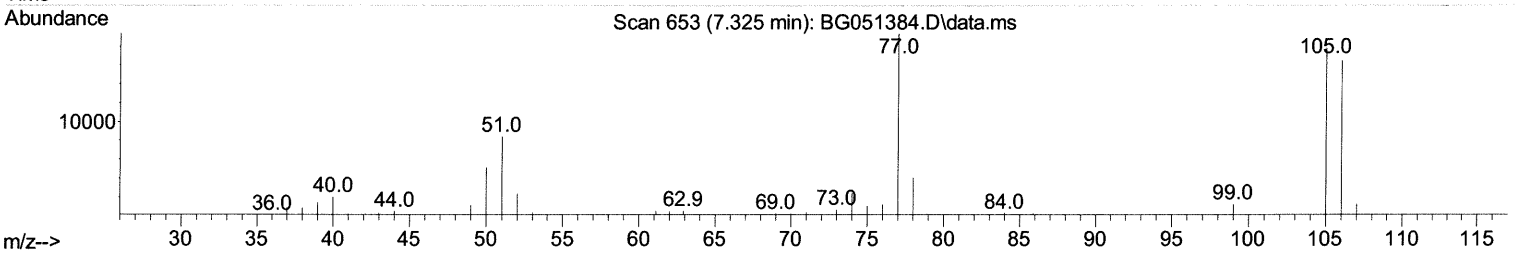
Response via : Initial Calibration

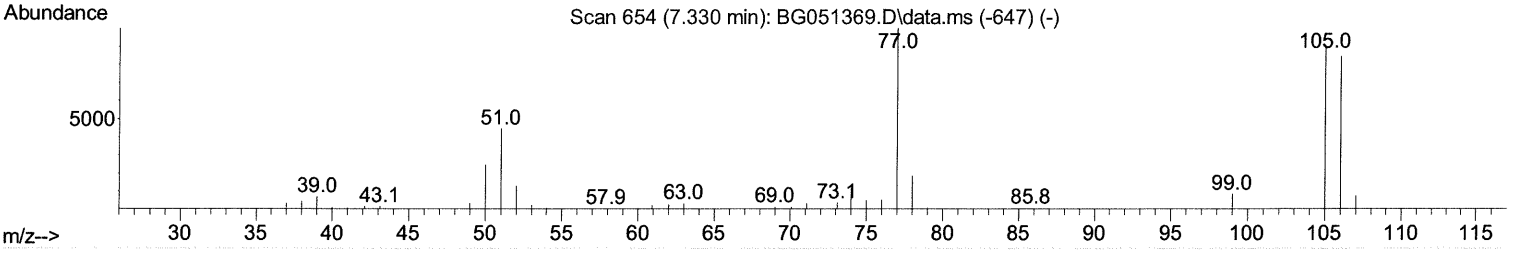
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021







TIC: BG051384.D\data.ms

(6) Benzaldehyde

7.325min (-0.009) 22.35 ng/ul

response 35910

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	92.22
106.00	76.50	85.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 08 02:25:30 2021
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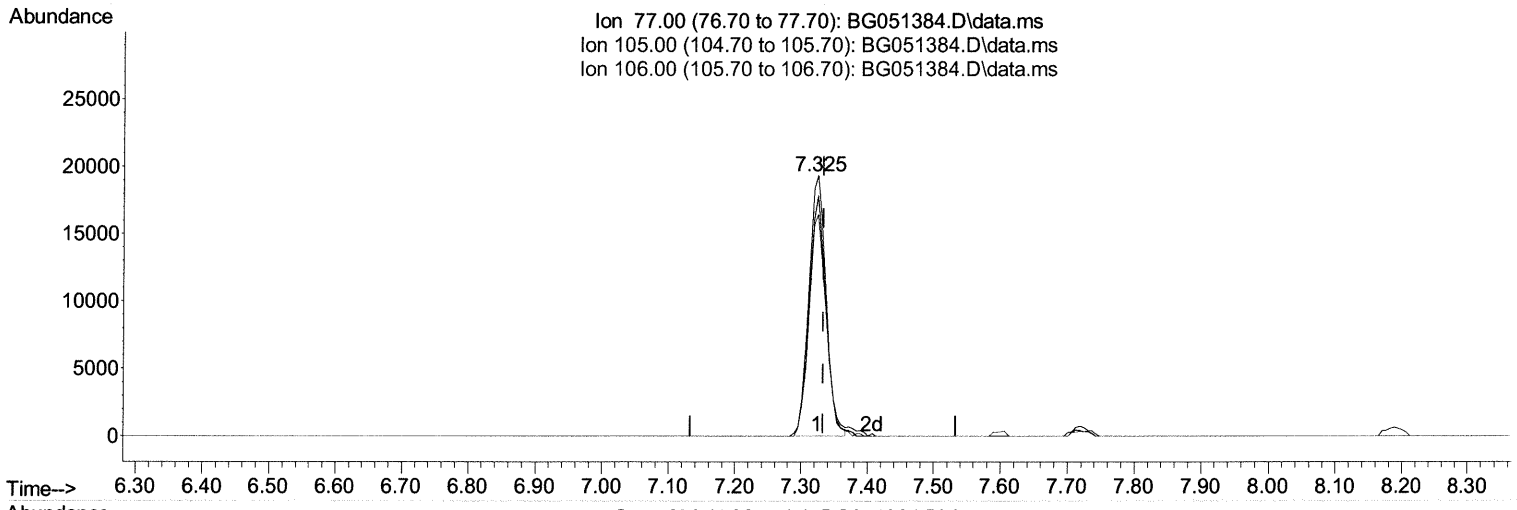
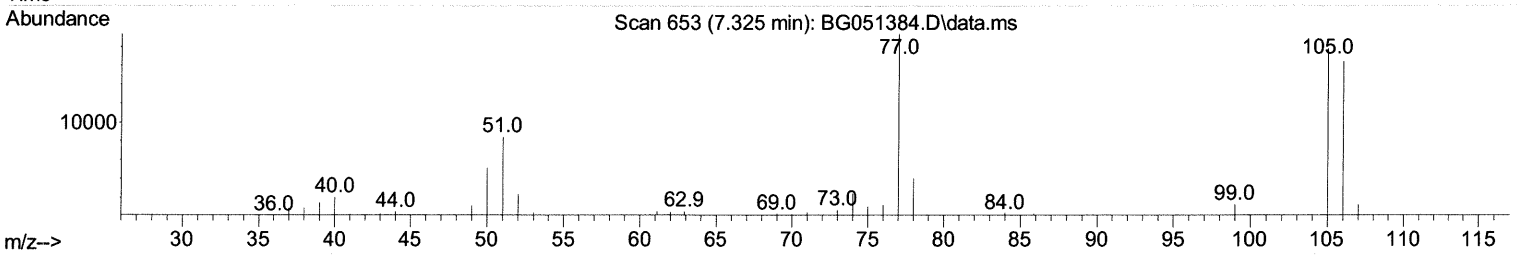
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

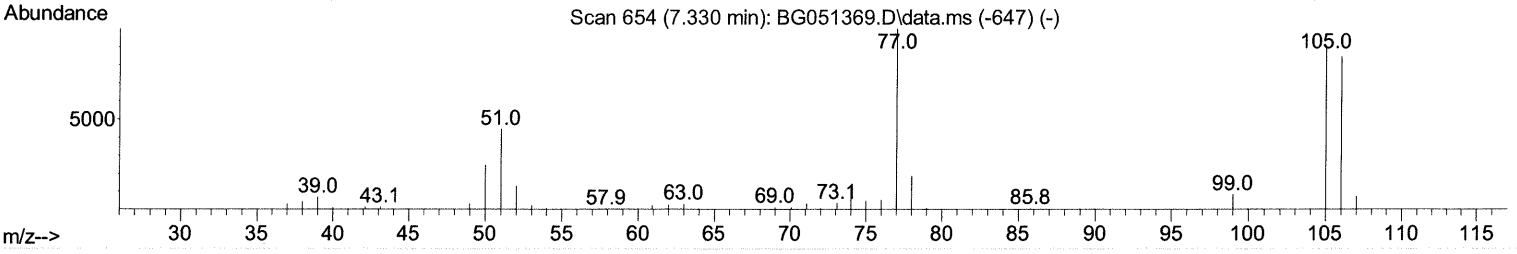
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021







TIC: BG051384.D\data.ms

(6) Benzaldehyde

7.325min (-0.009) 21.86 ng/ul m 12/16/21 JU

response 35128

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	92.22
106.00	76.50	85.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 08 02:25:30 2021
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
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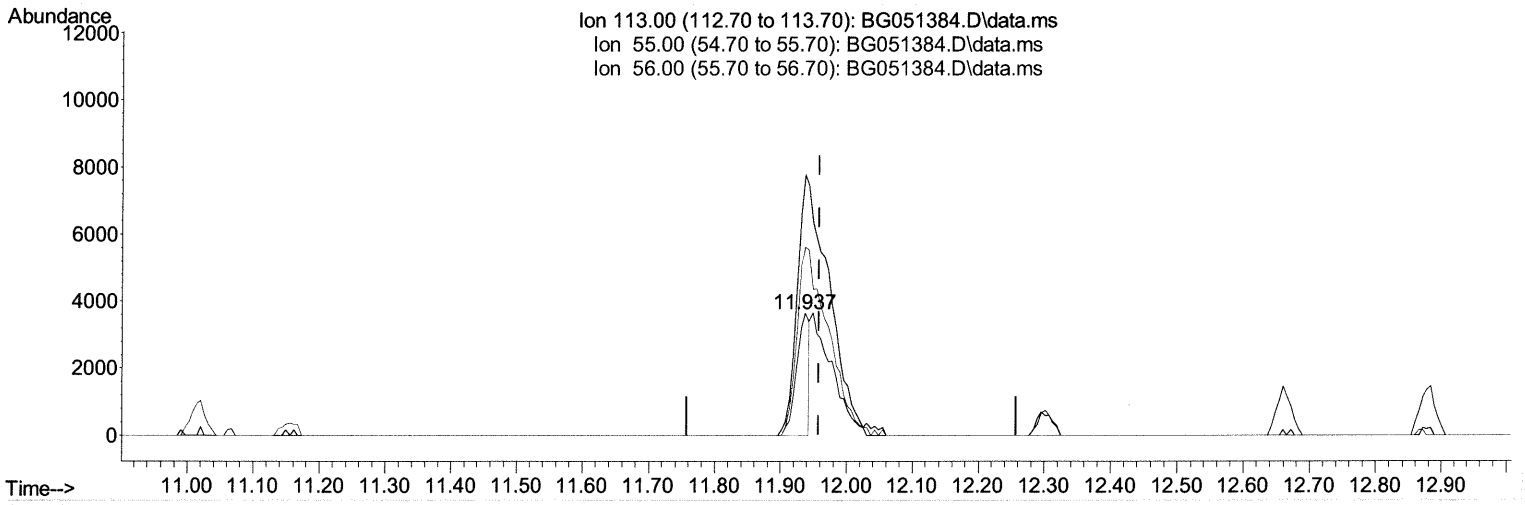

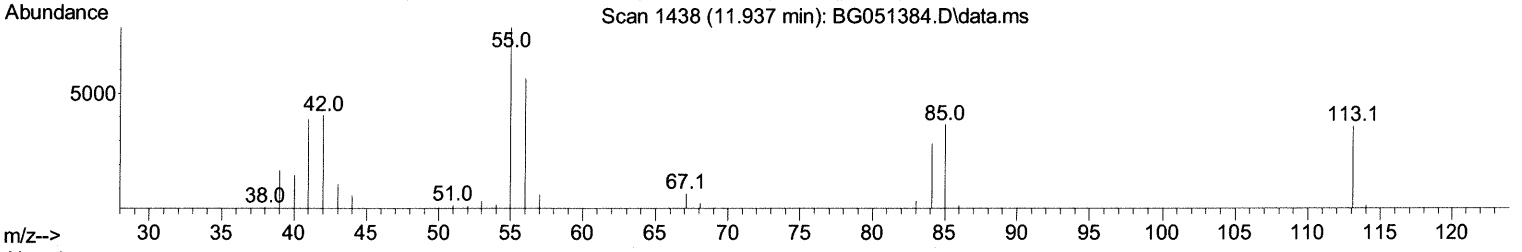

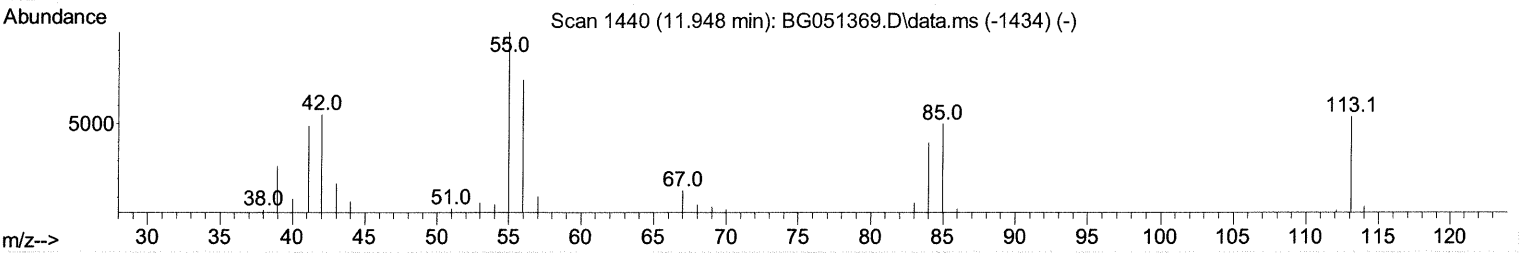

TIC: BG051384.D\data.ms

(34) Caprolactam

11.937min (-0.021) 6.92 ng/ul

response 5000

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	214.03
56.00	136.50	154.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 08 02:25:30 2021
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Quant Title : SVOA CALIBRATION
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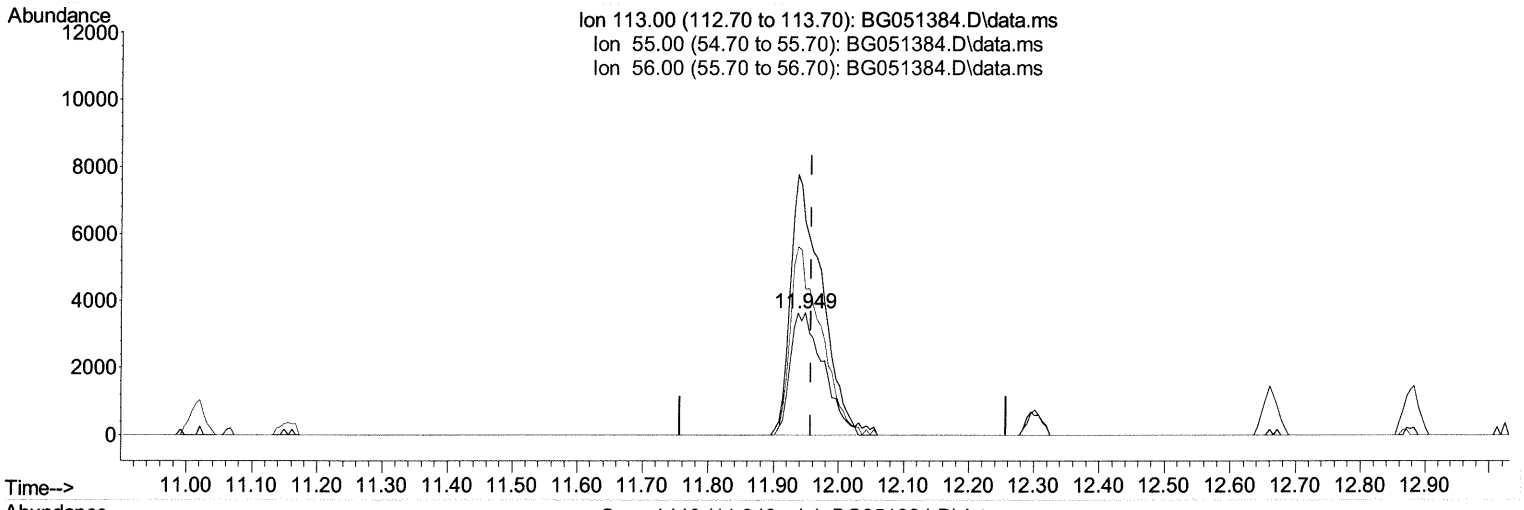
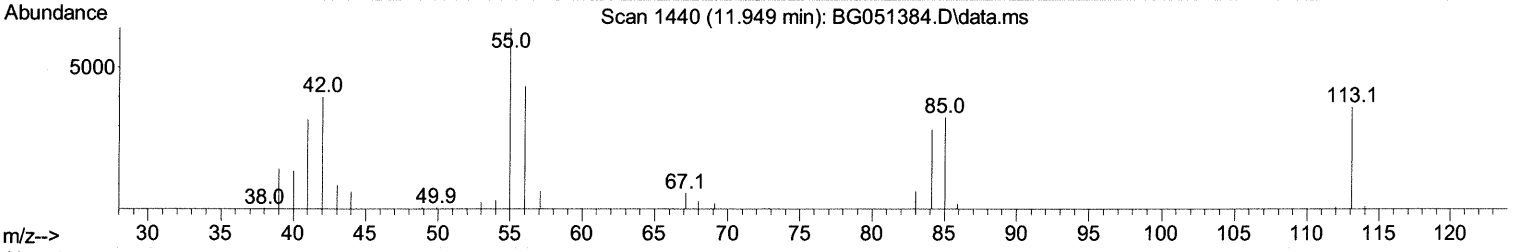
Response via : Initial Calibration

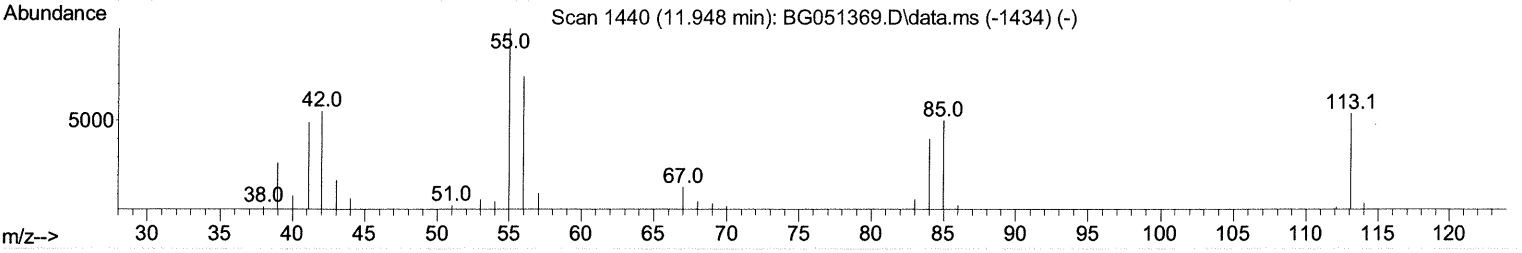
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021







TIC: BG051384.D\data.ms

(34) Caprolactam

11.949min (-0.009) 17.87 ng/ul m 12/11/21 JU

response 12916

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	174.17
56.00	136.50	119.41
0.00	0.00	0.00

Quantitation Report (Qedit)

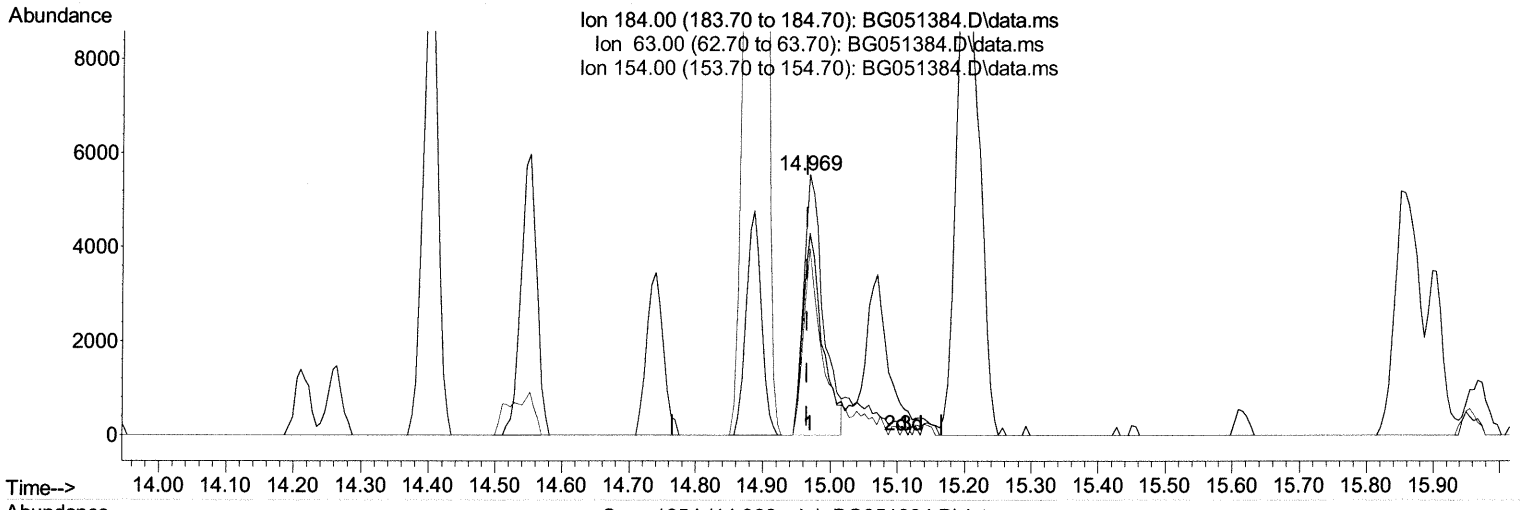
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

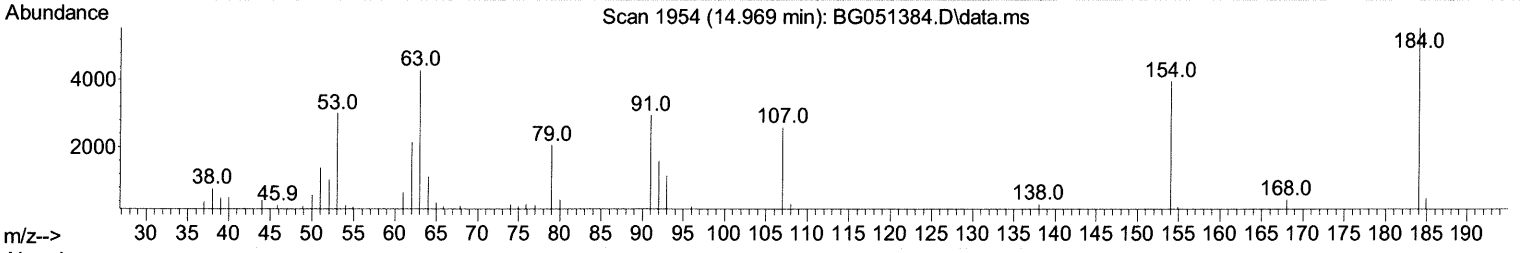
Quant Time: Dec 08 02:25:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

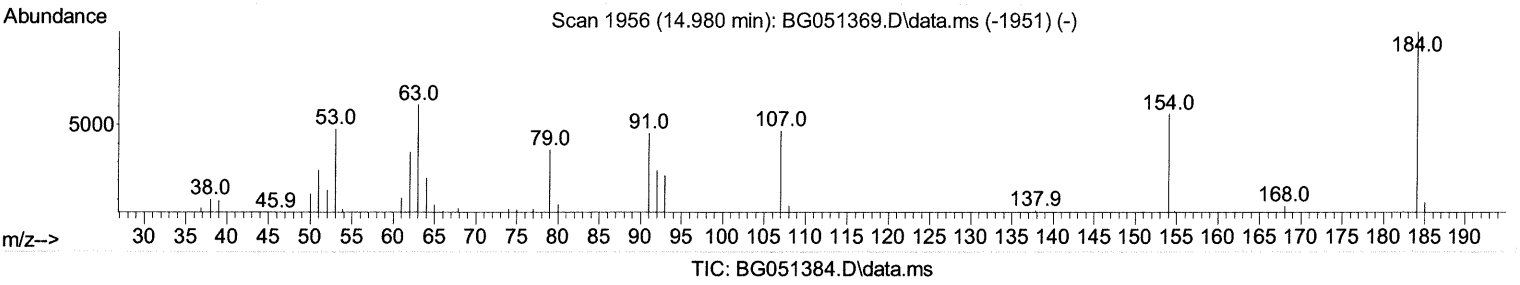
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021







TIC: BG051384.D\data.ms

(53) 2,4-Dinitrophenol

14.969min (+ 0.003) 15.97 ng/ul

response 11195

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	77.38
154.00	67.00	71.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 08 02:25:30 2021
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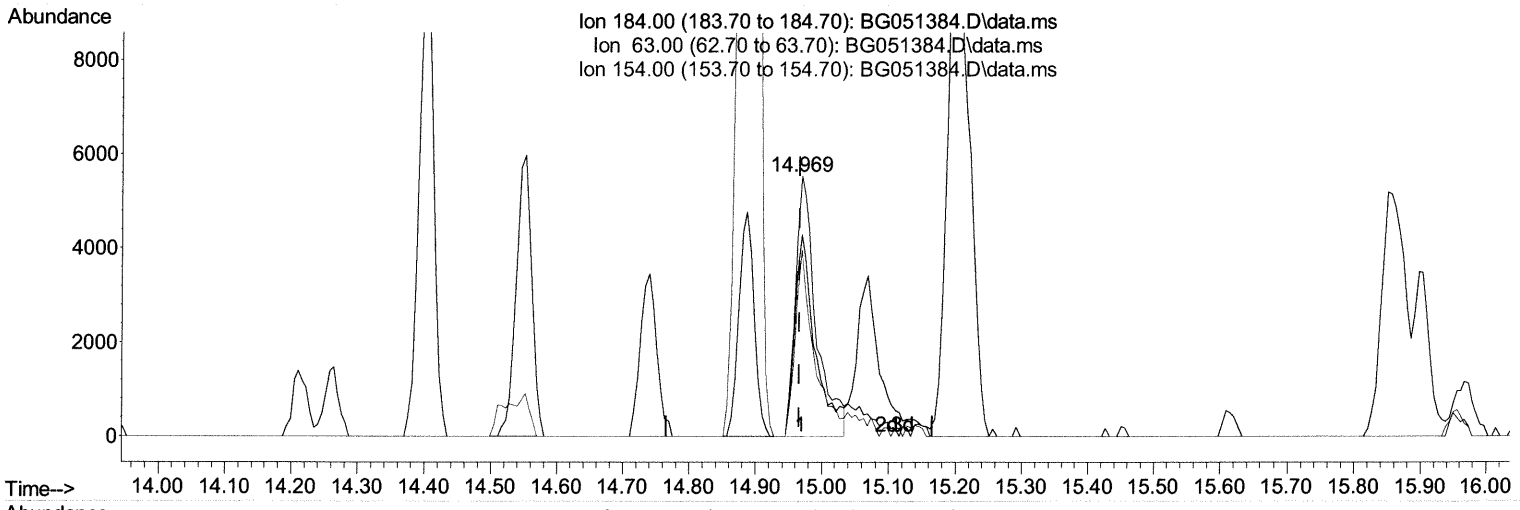
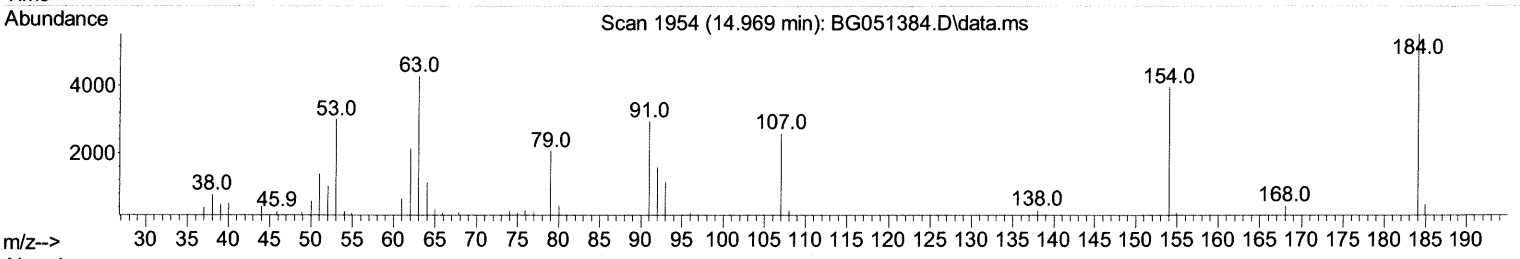
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

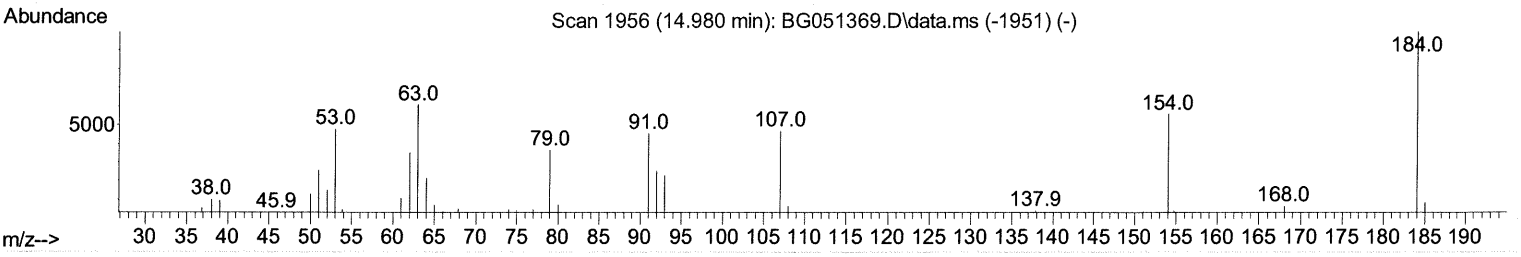
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021







TIC: BG051384.D\data.ms

(53) 2,4-Dinitrophenol

14.969min (+ 0.003) 17.09 ng/ul m 12/16/2021

response 11977

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	77.38
154.00	67.00	71.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
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Manual IntegrationsAPPROVED

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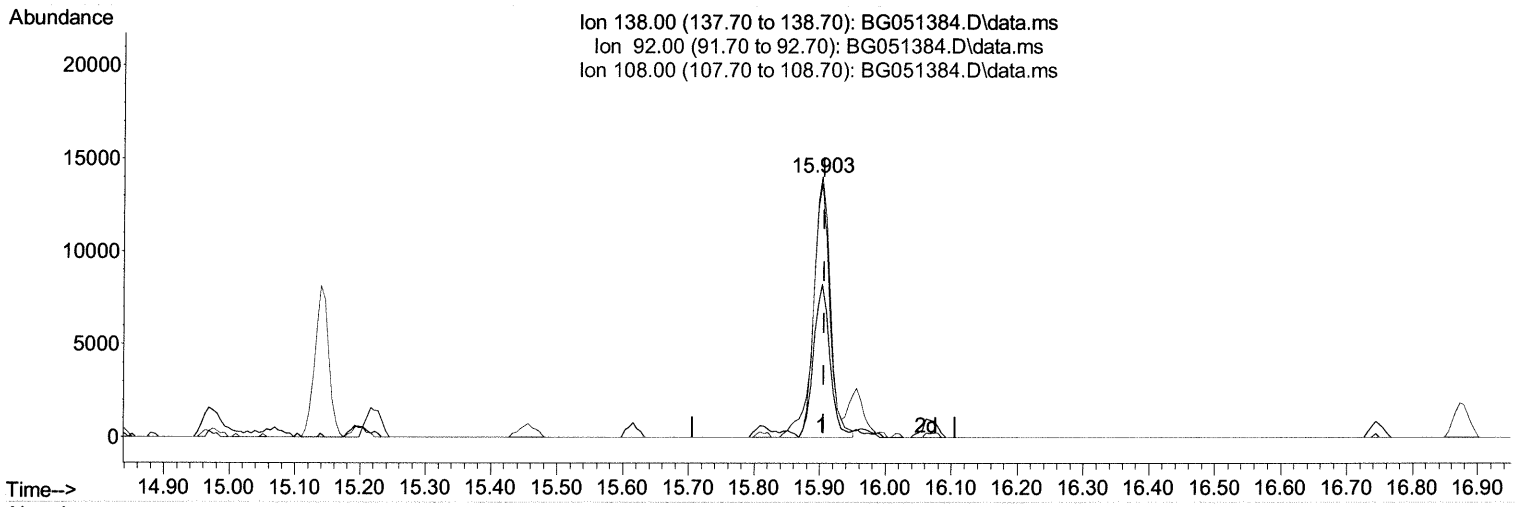

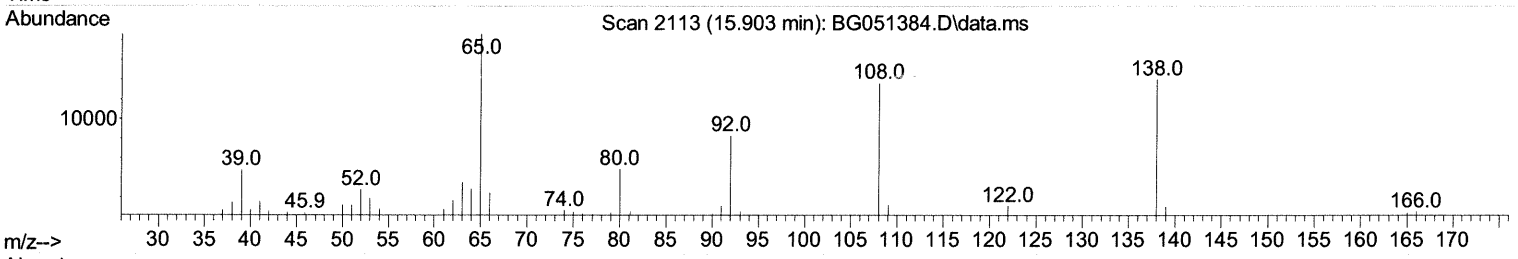

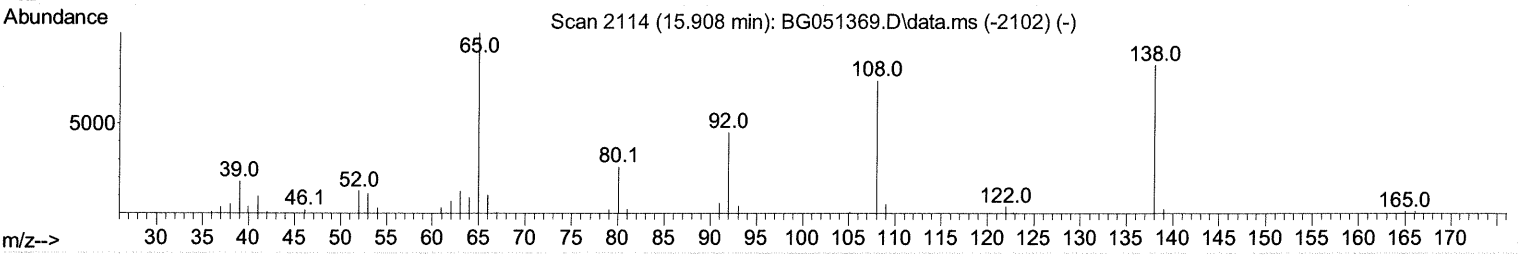

TIC: BG051384.D\data.ms

(63) 4-Nitroaniline

15.903min (-0.003) 21.08 ng/ul

response 25708

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	58.76
108.00	90.70	97.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
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Manual IntegrationsAPPROVED

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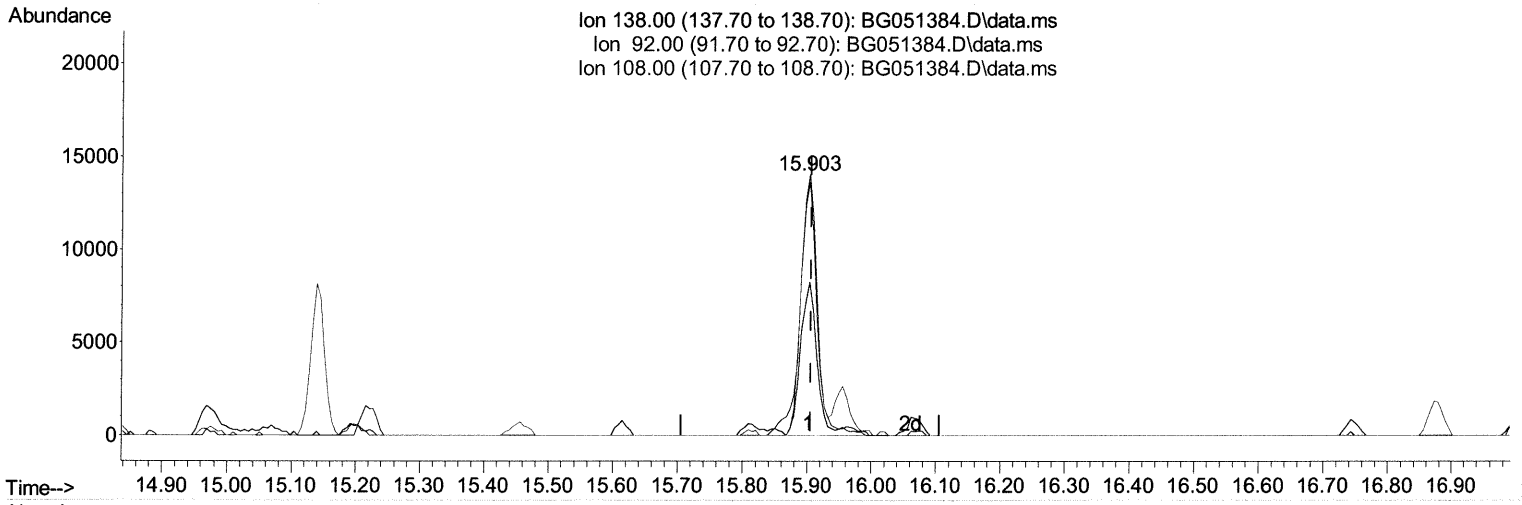

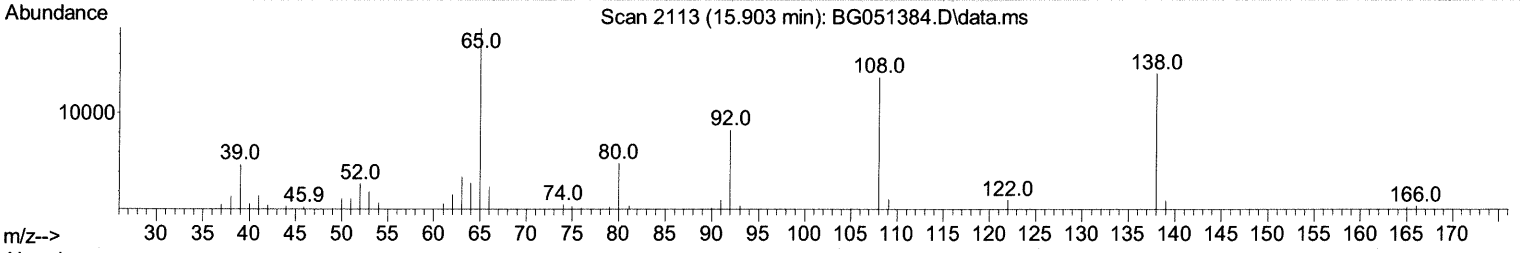

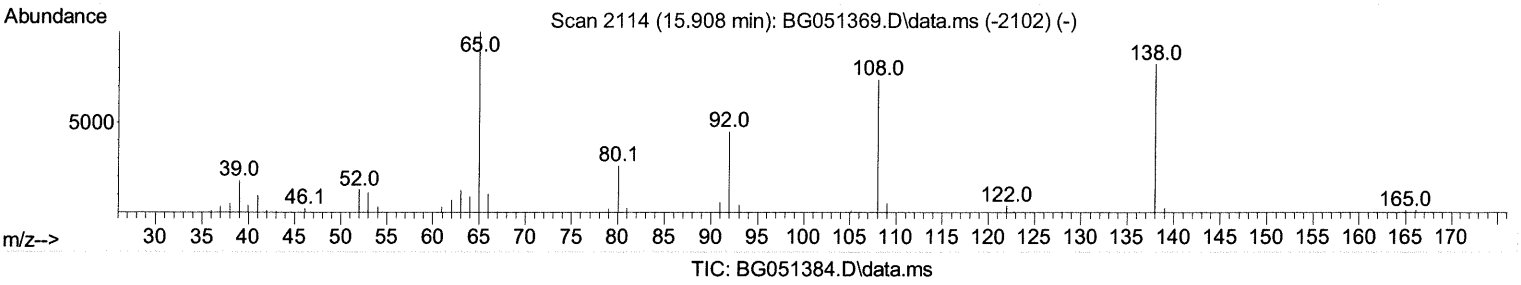

TIC: BG051384.D\data.ms

(63) 4-Nitroaniline

15.903min (-0.003) 21.48 ng/ul m 12/11/21 JU

response 26193

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	58.76
108.00	90.70	97.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	25530	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.014	136	115593	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.822	164	77501	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.571	188	168699	20.000	ng/ul	0.00
79) Chrysene-d12	21.878	240	142995	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	143095	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	5160m>	7.024	ng/uL>	-0.02 12/11/2021
4) Pyridine-d5	3.958	84	37313	17.308	ng/ul	-0.02
7) Phenol-d5	7.354	99	47418	18.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	29763	18.781	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.724	132	35013	19.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	37395	18.365	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	18731	19.196	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	20531	18.652	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	35500	19.009	ng/ul	0.00
31) 4-Chloroaniline-d4	11.155	131	50163	18.357	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	108250	18.153	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	143101	19.030	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	14803	15.336	ng/ul	0.00
60) Fluorene-d10	15.815	176	100312	18.680	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	15468	14.859	ng/ul	0.00
73) Anthracene-d10	17.671	188	154385	19.135	ng/ul	0.00
81) Pyrene-d10	19.951	212	170247	19.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.039	264	141425	18.506	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.558	88	5974	7.210	ng/uL	88
5) Pyridine	3.976	79	40573	18.087	ng/ul	95
6) Benzaldehyde	7.325	77	35128m>	21.861	ng/ul>	12/11/2021
8) Phenol	7.378	94	48603	18.594	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.601	93	36779	18.598	ng/ul	97
12) 2-Chlorophenol	7.754	128	35965	19.424	ng/ul	99
13) 2-Methylphenol	8.635	108	36548	18.771	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.711	45	56432	19.775	ng/ul	96
16) Acetophenone	9.017	105	58743	18.652	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.987	70	34932	19.301	ng/ul	99
18) 4-Methylphenol	8.970	108	39341	18.896	ng/ul	97
19) Hexachloroethane	9.275	117	15372	19.656	ng/ul	95
22) Nitrobenzene	9.410	77	50299	19.659	ng/ul	95
23) Isophorone	9.927	82	94931	19.097	ng/ul	99
25) 2-Nitrophenol	10.127	139	21322	18.702	ng/ul	95
26) 2,4-Dimethylphenol	10.174	107	44800	19.219	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.403	93	50902	18.549	ng/ul	100
29) 2,4-Dichlorophenol	10.674	162	34996	19.036	ng/ul	96
30) Naphthalene	11.067	128	120758	19.199	ng/ul	97
32) 4-Chloroaniline	11.185	127	49772	18.143	ng/ul	99
33) Hexachlorobutadiene	11.332	225	23598	18.610	ng/ul	98
34) Caprolactam	11.949	113	12916m>	17.871	ng/ul>	12/11/2021
35) 4-Chloro-3-methylphenol	12.301	107	42691	19.331	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051384.D
Acq On : 7 Dec 2021 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 08 02:25:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.660	142	80657	18.853	ng/ul	100
37) 1-Methylnaphthalene	12.877	142	83014	18.861	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.024	216	46036	18.921	ng/ul	97
40) Hexachlorocyclopentadiene	12.989	237	15772	16.038	ng/ul	97
41) 2,4,6-Trichlorophenol	13.271	196	28582	18.720	ng/ul	99
42) 2,4,5-Trichlorophenol	13.353	196	30306	18.954	ng/ul	97
43) 1,1'-Biphenyl	13.658	154	109311	18.884	ng/ul	96
44) 2-Chloronaphthalene	13.705	162	88289	19.174	ng/ul	99
45) 2-Nitroaniline	13.917	65	31708	19.897	ng/ul	94
47) Dimethylphthalate	14.264	163	108533	17.981	ng/ul	99
48) 2,6-Dinitrotoluene	14.405	165	23662	18.662	ng/ul	94
50) Acenaphthylene	14.551	152	139559	18.785	ng/ul	98
51) 3-Nitroaniline	14.739	138	25558	20.393	ng/ul	94
52) Acenaphthene	14.886	153	92027	18.783	ng/ul	94
53) 2,4-Dinitrophenol	14.969	184	11977m>	17.090	ng/ul >	12/1/21 JU
55) 4-Nitrophenol	15.068	109	15465	18.469	ng/ul	98
56) Dibenzofuran	15.221	168	132376	18.731	ng/ul	100
57) 2,4-Dinitrotoluene	15.198	165	34043	18.799	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.456	232	20230	16.112	ng/ul	97
59) Diethylphthalate	15.615	149	116916	18.453	ng/ul	99
61) Fluorene	15.868	166	106286	18.776	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.850	204	55150	18.078	ng/ul	99
63) 4-Nitroaniline	15.903	138	26193m>	21.477	ng/ul >	12/1/21 JU
66) 4,6-Dinitro-2-methylph...	15.967	198	14461	14.404	ng/ul	99
67) N-Nitrosodiphenylamine	16.067	169	93332	19.325	ng/ul	99
68) 4-Bromophenyl-phenylether	16.749	248	34381	19.015	ng/ul	93
69) Hexachlorobenzene	16.878	284	35037	19.004	ng/ul	98
70) Atrazine	17.007	200	38677	19.055	ng/ul	99
71) Pentachlorophenol	17.237	266	15628	19.130	ng/ul	92
72) Phenanthrene	17.618	178	180217	19.348	ng/ul	99
74) Anthracene	17.707	178	179360	19.389	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.629	216	48807	19.835	ng/uL	96
76) Pentachlorobenzene	15.139	250	44283	19.314	ng/uL	100
77) Carbazole	17.983	167	159526	19.646	ng/ul	100
78) Di-n-butylphthalate	18.500	149	205888	19.665	ng/ul	100
80) Fluoranthene	19.622	202	210842	19.840	ng/ul	97
82) Pyrene	19.980	202	207315	19.943	ng/ul	98
83) Butylbenzylphthalate	20.838	149	86723	20.067	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.761	252	66729	20.043	ng/ul	98
85) Benzo(a)anthracene	21.855	228	186326	19.211	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.708	149	121565	19.548	ng/ul	98
87) Chrysene	21.925	228	176472	18.940	ng/ul	100
89) Di-n-octyl phthalate	22.971	149	204402	19.717	ng/ul	100
90) Benzo(b)fluoranthene	24.187	252	181346	18.779	ng/ul	99
91) Benzo(k)fluoranthene	24.258	252	167685	18.504	ng/ul	98
93) Benzo(a)pyrene	25.116	252	173446	18.826	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.193	276	187624	18.199	ng/ul	97
95) Dibenzo(a,h)anthracene	29.246	278	159180	18.200	ng/ul	97
96) Benzo(g,h,i)perylene	30.427	276	152698	17.604	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed