Quantitation Report (QT Reviewed)

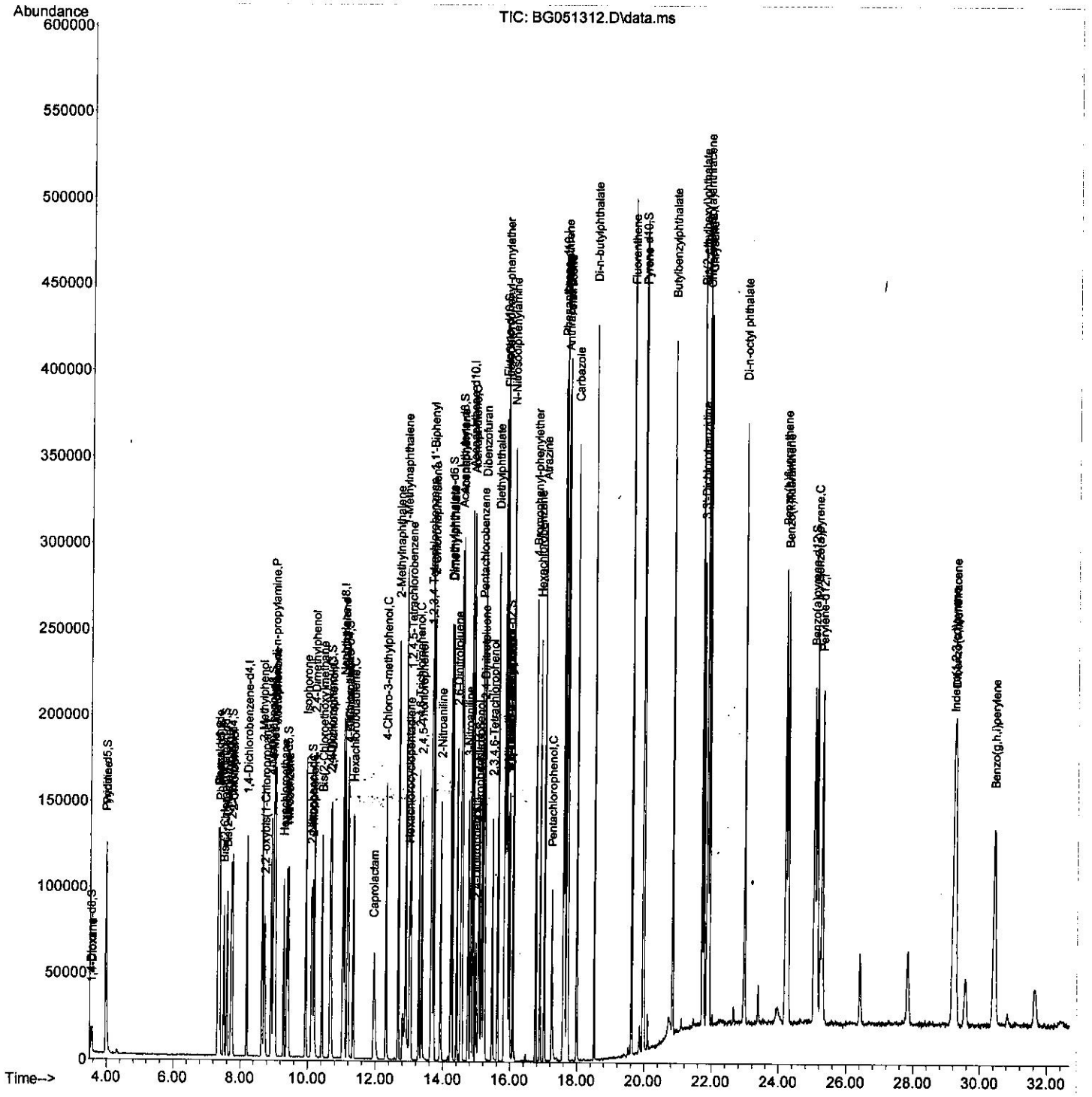
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051312.D
Acq On : 2 Dec 2021 21:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 00:38:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051312.D
Acq On : 2 Dec 2021 21:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 00:38:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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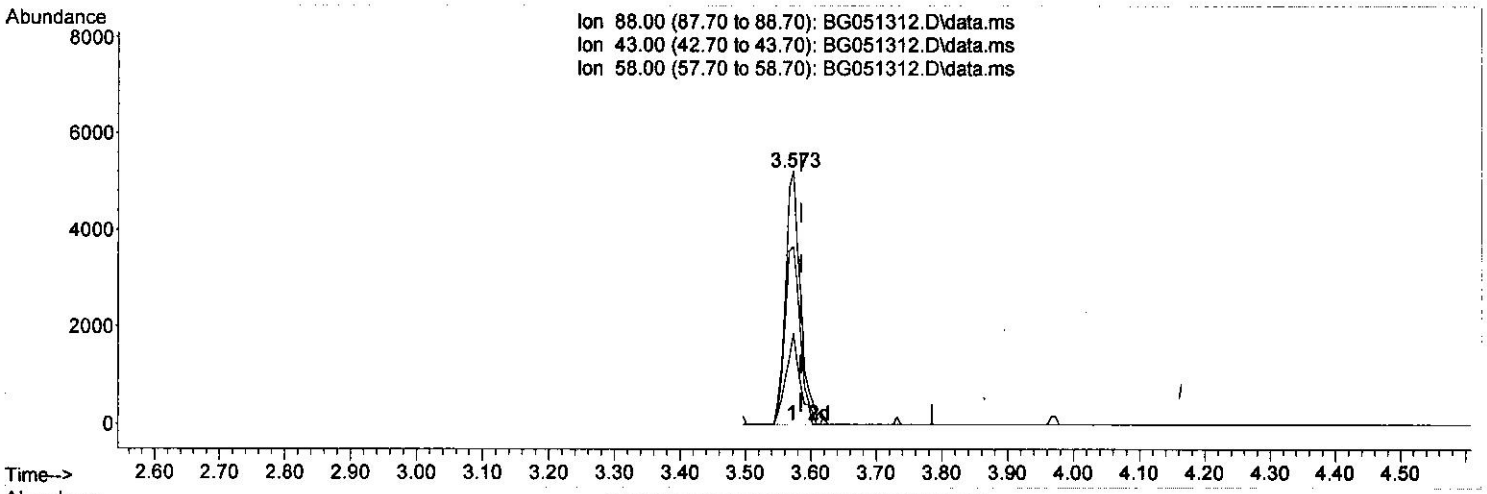

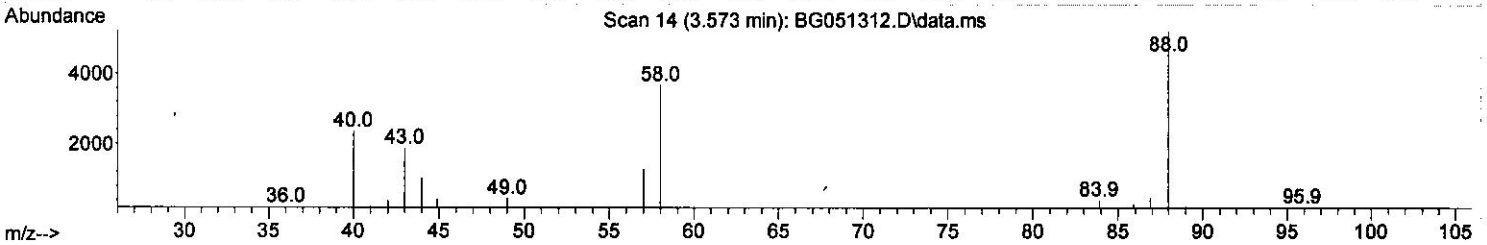

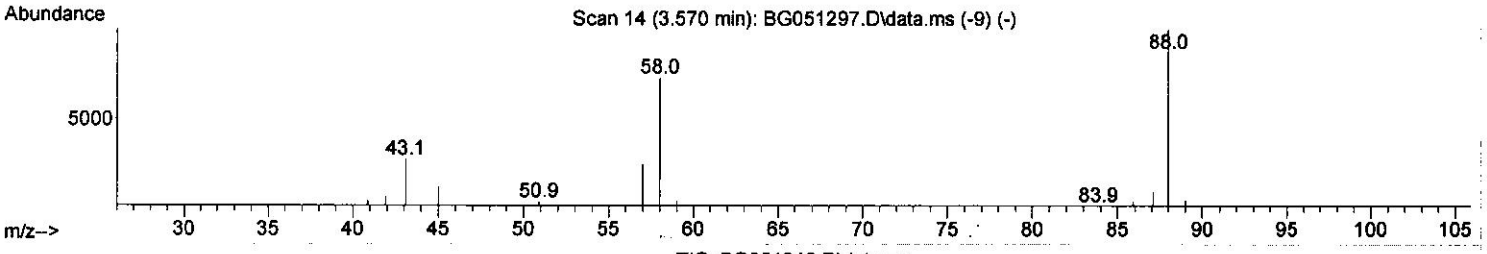

TIC: BG051312.D\data.ms

(2) 1,4-Dioxane

3.573min (-0.012) 7.02 ng/uL

response 8211

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	35.86#
58.00	78.00	70.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051312.D
Acq On : 2 Dec 2021 21:08
Operator : CG/JU
Sample : SSTDCCC020
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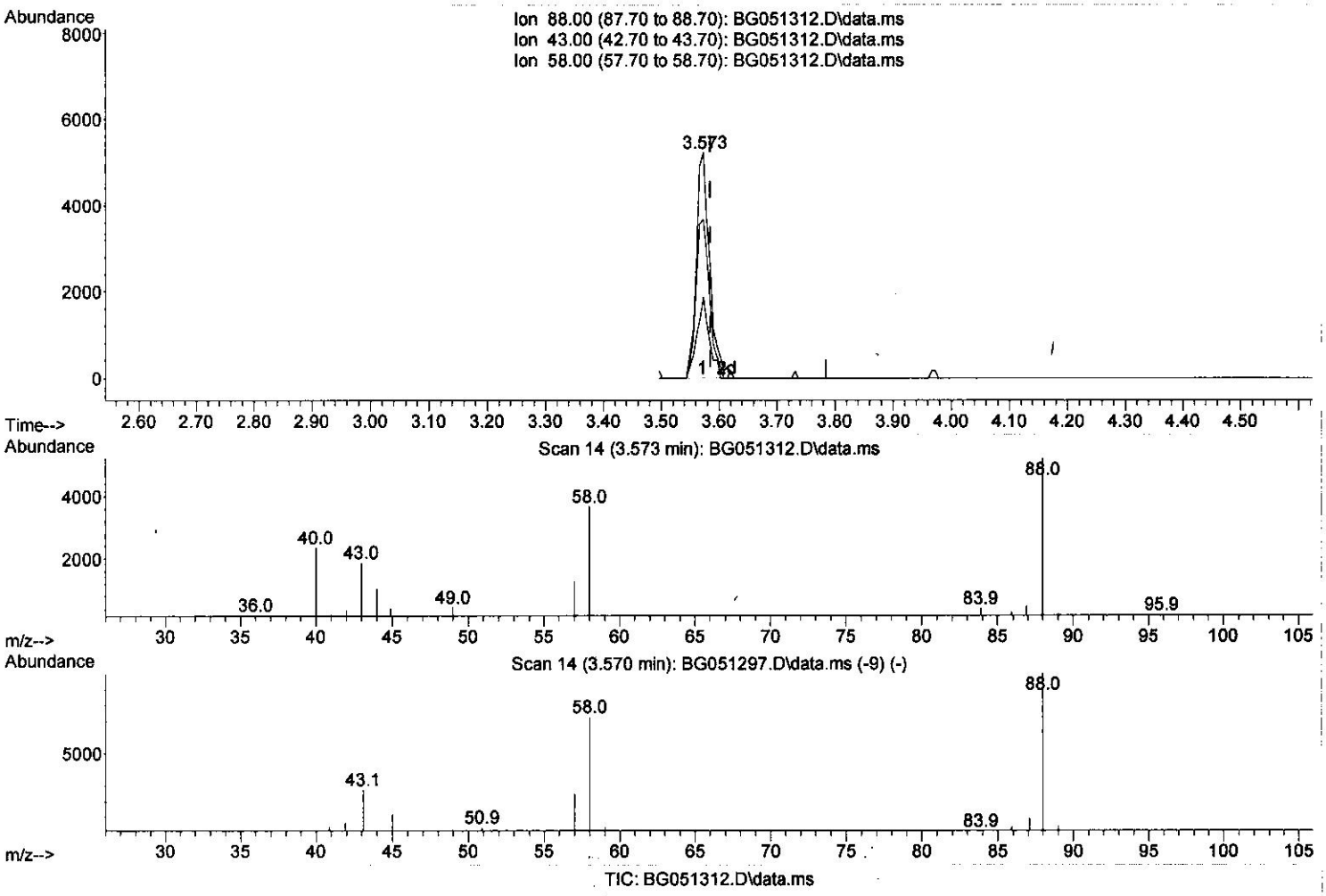
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



TIC: BG051312.D\data.ms

(2) 1,4-Dioxane

3.573min (-0.012) 7.15 ng/uL m JU 12/3/21

response 8362

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	35.86#
58.00	78.00	70.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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Acq On : 2 Dec 2021 21:08
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Misc :
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
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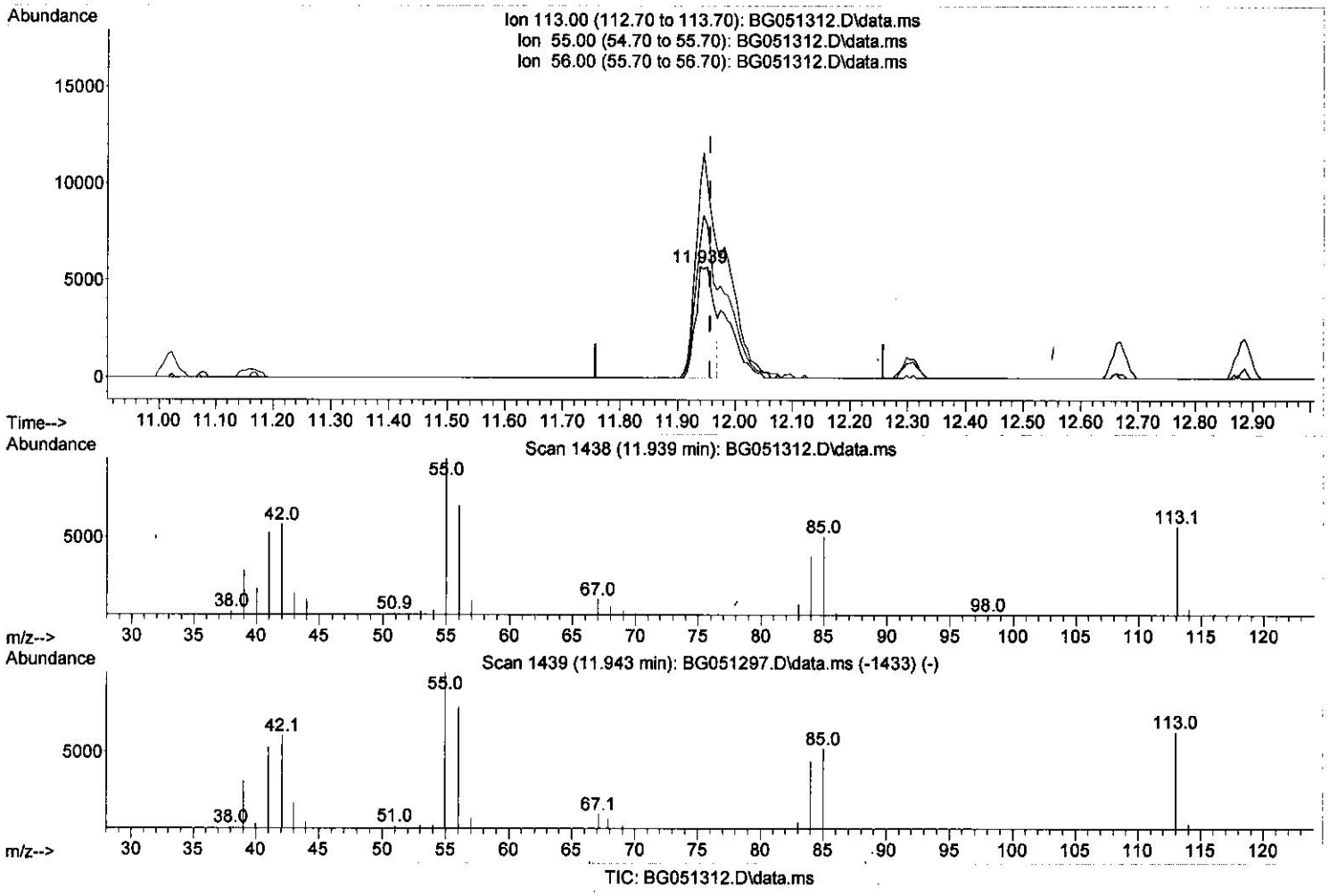

TIC: BG051312.D\data.ms

(34) Caprolactam

11.939min (-0.018) 12.05 ng/ul

response 12496

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	174.14
56.00	136.50	122.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051312.D
Acq On : 2 Dec 2021 21:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 00:38:33 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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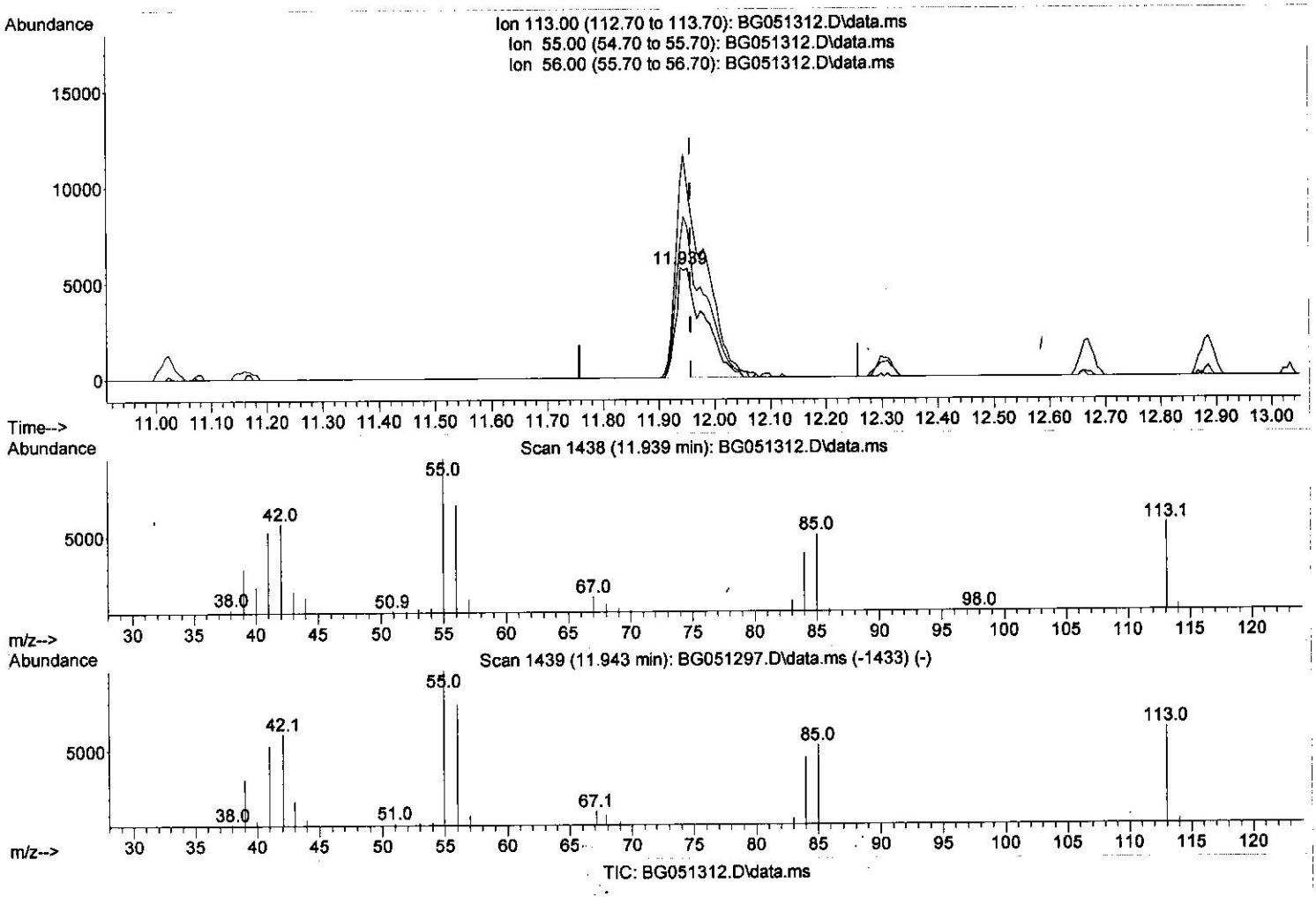
Supervised By :mohammad ahmed 12/05/2021



TIC: BG051312.D\data.ms

(34) Caprolactam

11.939min (-0.018) 19.04 ng/ul m JV 12/2/21

response 19749

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	174.14
56.00	136.50	122.05
0.00	0.00	0.00

Quantitation Report (Qedit)

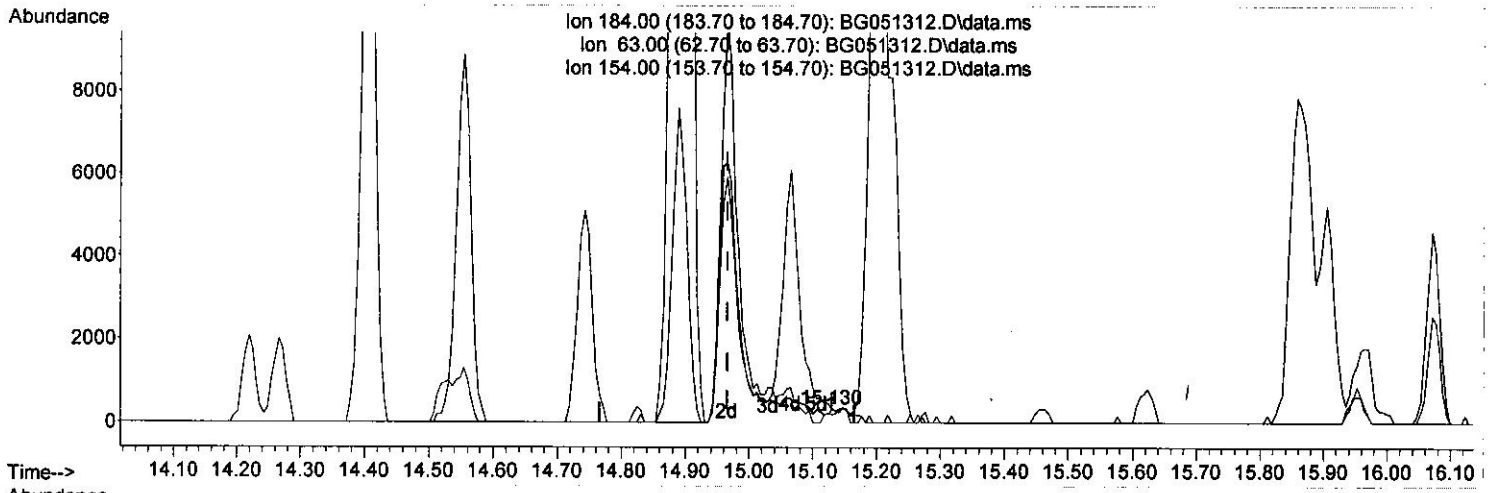
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051312.D
Acq On : 2 Dec 2021 21:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

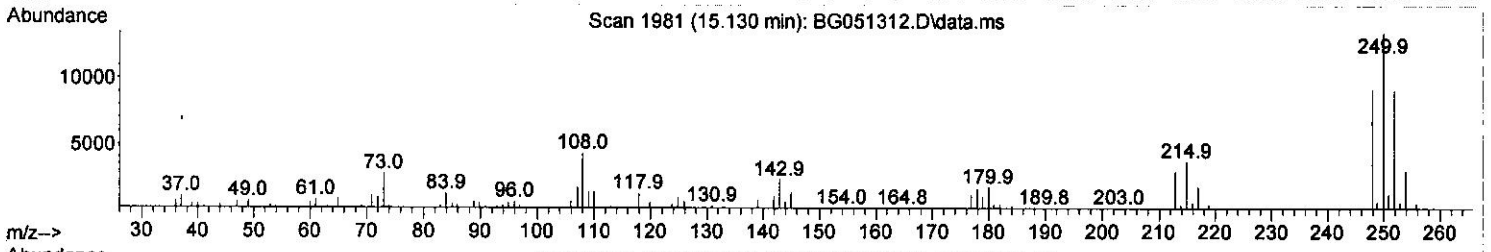
Quant Time: Dec 03 00:38:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

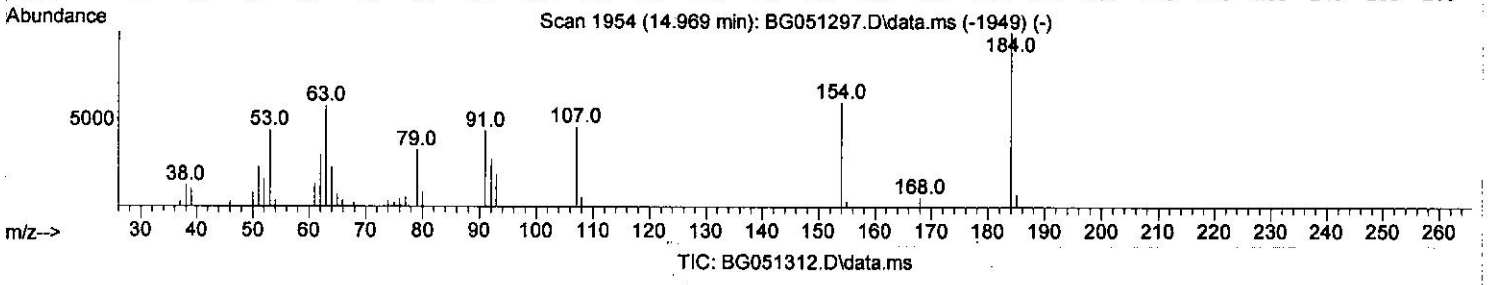
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021







TIC: BG051312.D\data.ms

(53) 2,4-Dinitrophenol

15.130min (+ 0.164) 0.09 ng/ul

response 85

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	94.17
154.00	67.00	56.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051312.D
Acq On : 2 Dec 2021 21:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 00:38:33 2021
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Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

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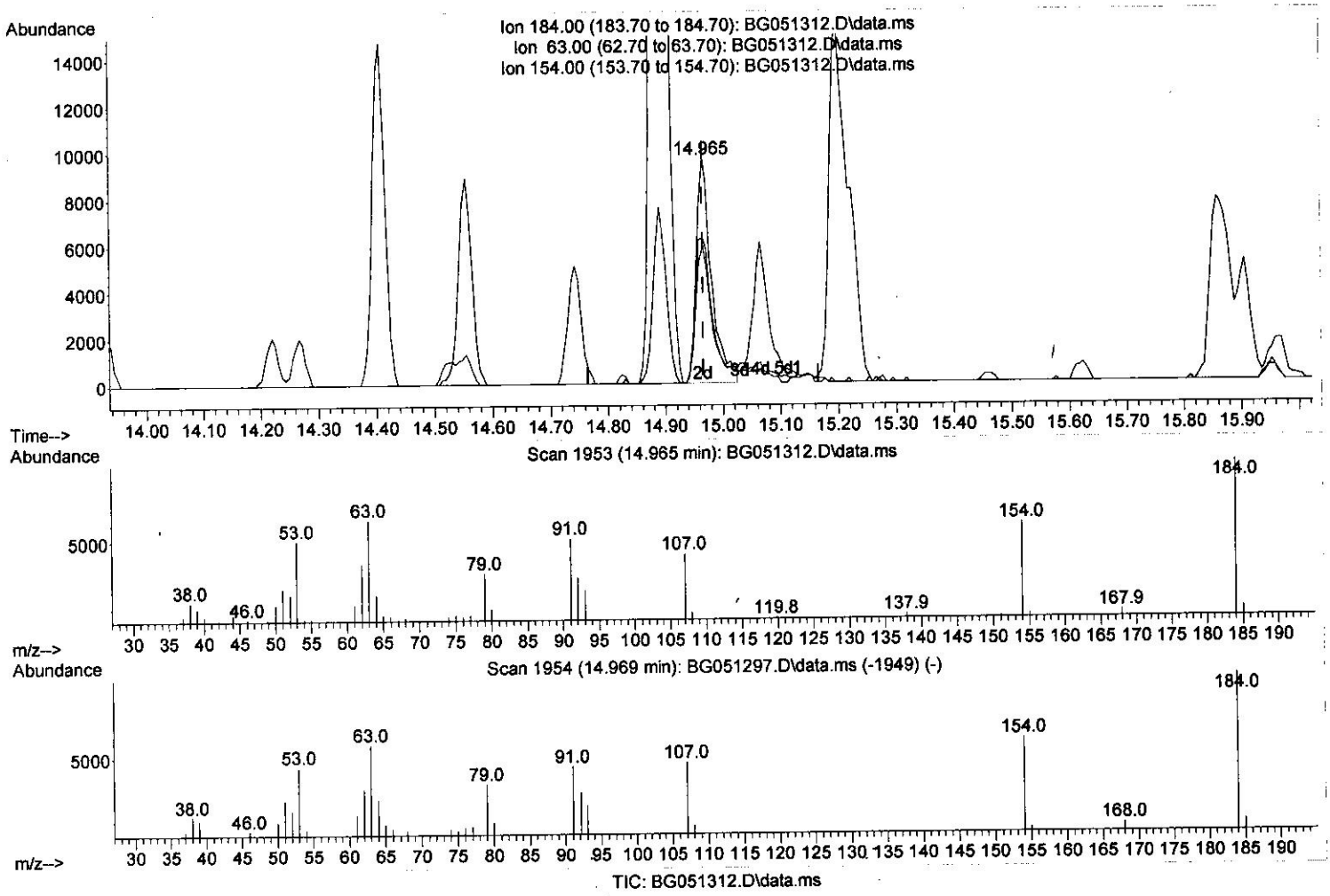

TIC: BG051312.D\data.ms

(53) 2,4-Dinitrophenol

14.965min (-0.001) 17.98 ng/ul m

response 17938

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	64.71#
154.00	67.00	61.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051312.D
Acq On : 2 Dec 2021 21:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 00:38:33 2021
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LabSampleId :
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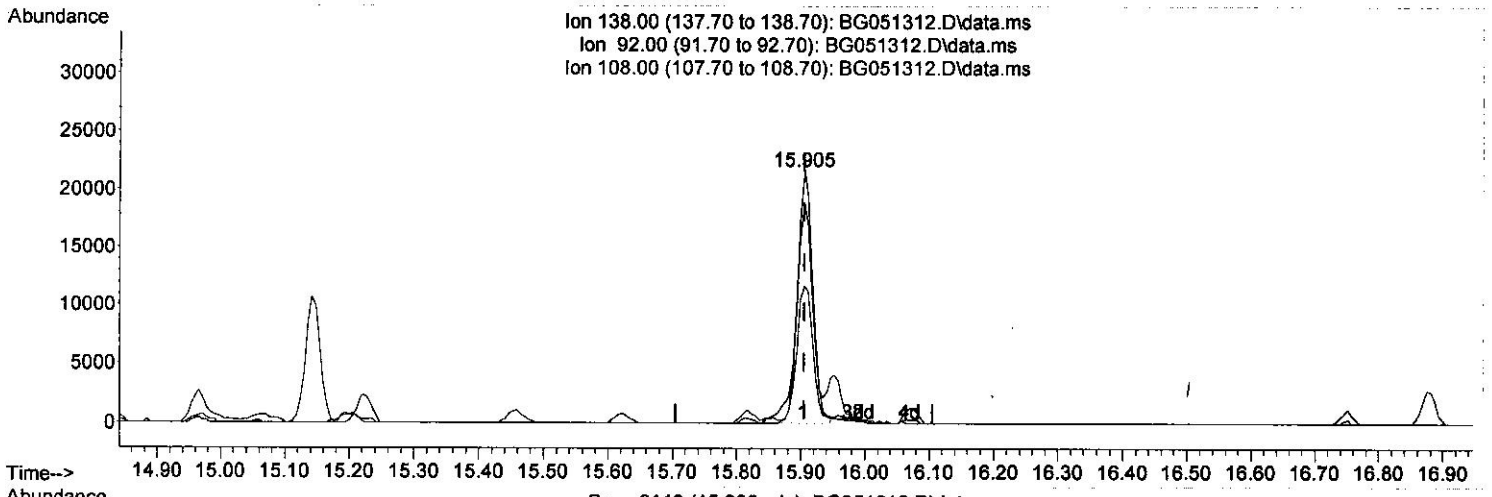

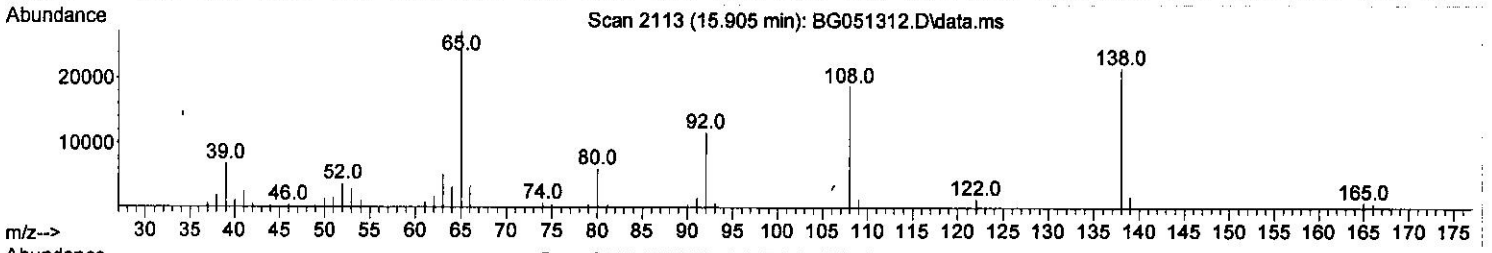

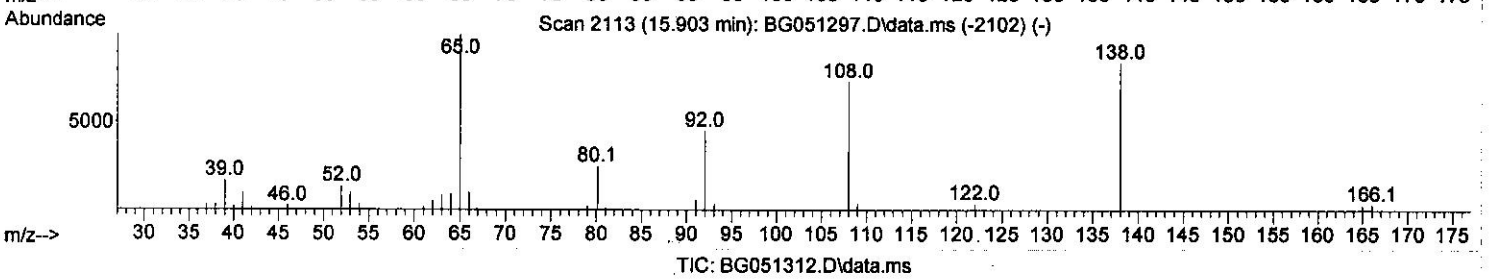

TIC: BG051312.D\data.ms

(63) 4-Nitroaniline

15.905min (-0.001) 21.70 ng/ul

response 37677

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	54.15
108.00	90.70	86.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 00:38:33 2021
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BNA_G
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Manual IntegrationsAPPROVED

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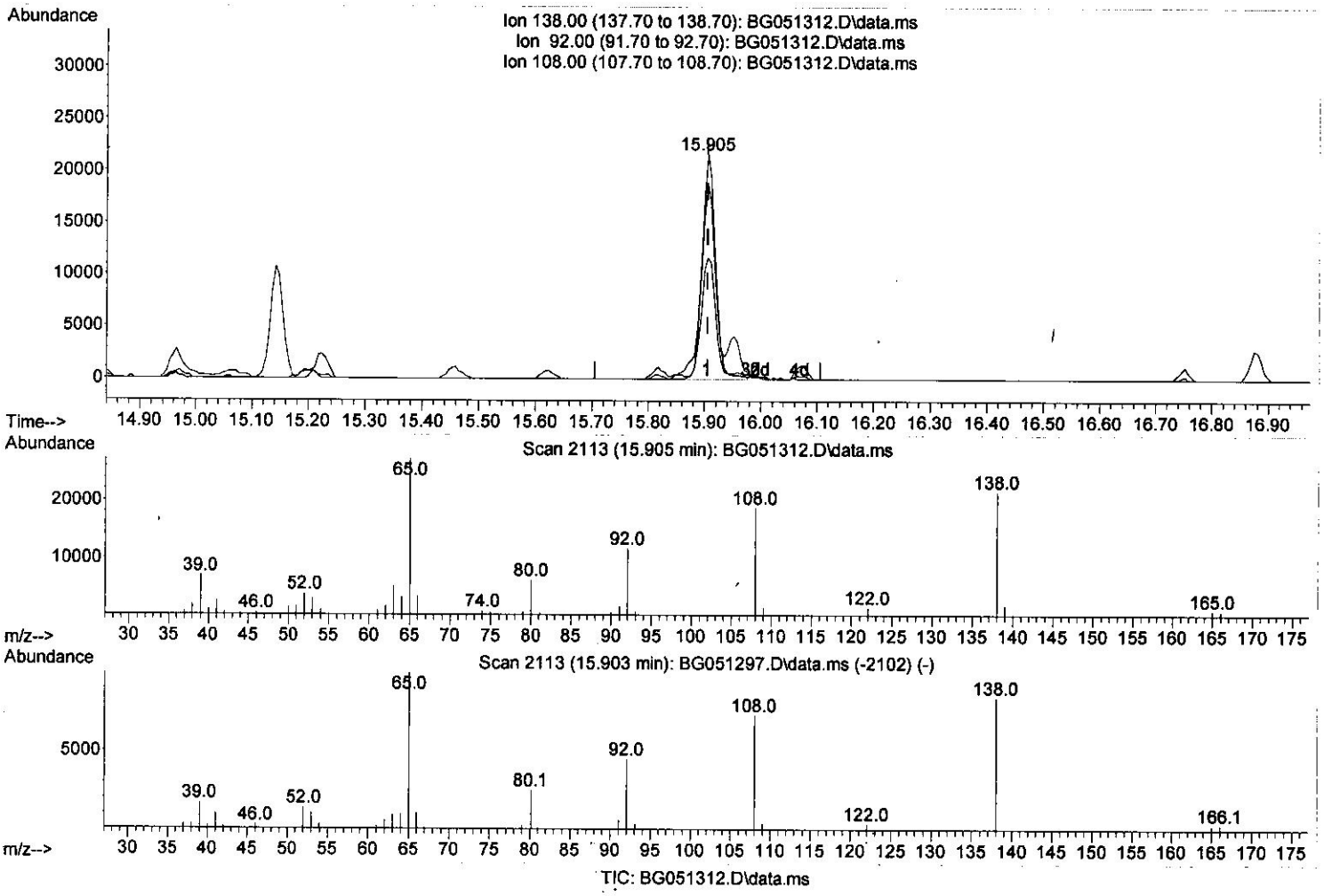

TIC: BG051312.D\data.ms

(63) 4-Nitroaniline

15.905min (-0.001) 22.00 ng/ul m JU 121721

response 38200

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	54.15
108.00	90.70	86.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 2 Dec 2021 21:08
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.197	152	36018	20.000 ng/ul	0.00
20) Naphthalene-d8	11.023	136	165914	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.830	164	110328	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.580	188	240559	20.000 ng/ul	0.00
79) Chrysene-d12	21.881	240	201244	20.000 ng/ul	0.00
88) Perylene-d12	25.277	264	201876	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.531	96	7626	7.358 ng/uL	-0.01
4) Pyridine-d5	3.966	84	58699	19.300 ng/ul	-0.01
7) Phenol-d5	7.356	99	69949	19.650 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.509	67	43738	19.563 ng/ul	0.00
11) 2-Chlorophenol-d4	7.727	132	50961	19.880 ng/ul	0.00
15) 4-Methylphenol-d8	8.907	113	55667	19.378 ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	26544	18.952 ng/ul	0.00
24) 2-Nitrophenol-d4	10.100	143	31406	19.879 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	51193	19.098 ng/ul	0.00
31) 4-Chloroaniline-d4	11.164	131	75959	19.366 ng/ul	0.00
46) Dimethylphthalate-d6	14.219	166	162163	19.103 ng/ul	0.00
49) Acenaphthylene-d8	14.524	160	211228	19.732 ng/ul	0.00
54) 4-Nitrophenol-d4	15.047	143	23615	17.186 ng/ul	0.00
60) Fluorene-d10	15.817	176	146761	19.198 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	24100	16.235 ng/ul	0.00
73) Anthracene-d10	17.680	188	225381	19.590 ng/ul	0.00
81) Pyrene-d10	19.959	212	253554	20.823 ng/ul	0.00
92) Benzo(a)pyrene-d12	25.047	264	207577	19.253 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.573	88	8362m	7.154 ng/uL	
5) Pyridine	3.984	79	60226	19.030 ng/ul	96
6) Benzaldehyde	7.333	77	50930	22.466 ng/ul	96
8) Phenol	7.386	94	71064	19.270 ng/ul	98
10) Bis(2-Chloroethyl)ether	7.603	93	54077	19.383 ng/ul	97
12) 2-Chlorophenol	7.756	128	51137	19.576 ng/ul	99
13) 2-Methylphenol	8.643	108	54159	19.717 ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.719	45	82433	20.475 ng/ul	98
16) Acetophenone	9.025	105	87475	19.687 ng/ul	95
17) N-Nitroso-di-n-propyla...	8.996	70	51206	20.054 ng/ul	94
18) 4-Methylphenol	8.972	108	58148	19.797 ng/ul	96
19) Hexachloroethane	9.278	117	21644	19.617 ng/ul	98
22) Nitrobenzene	9.413	77	71979	19.600 ng/ul	97
23) Isophorone	9.930	82	139113	19.498 ng/ul	99
25) 2-Nitrophenol	10.130	139	31476	19.235 ng/ul	96
26) 2,4-Dimethylphenol	10.182	107	66581	19.900 ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.412	93	77388	19.647 ng/ul	98
29) 2,4-Dichlorophenol	10.676	162	50026	18.959 ng/ul	97
30) Naphthalene	11.076	128	173124	19.177 ng/ul	97
32) 4-Chloroaniline	11.187	127	75906	19.277 ng/ul	98
33) Hexachlorobutadiene	11.340	225	32437	17.822 ng/ul	96
34) Caprolactam	11.939	113	19749m	19.038 ng/ul	
35) 4-Chloro-3-methylphenol	12.304	107	63758	20.115 ng/ul	98

JV 12/7/21

JV 12/7/21

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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.668	142	117742	19.175 ng/ul	99
37) 1-Methylnaphthalene	12.885	142	120555	19.083 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.026	216	65784	18.993 ng/ul	98
40) Hexachlorocyclopentadiene	12.997	237	26840	19.172 ng/ul	99
41) 2,4,6-Trichlorophenol	13.273	196	41662	19.168 ng/ul	99
42) 2,4,5-Trichlorophenol	13.355	196	43189	18.975 ng/ul	99
43) 1,1'-Biphenyl	13.661	154	162785	19.754 ng/ul	98
44) 2-Chloronaphthalene	13.714	162	126654	19.322 ng/ul	99
45) 2-Nitroaniline	13.919	65	46515	20.504 ng/ul	93
47) Dimethylphthalate	14.266	163	162498	18.911 ng/ul	99
48) 2,6-Dinitrotoluene	14.407	165	35063	19.426 ng/ul	92
50) Acenaphthylene	14.554	152	209621	19.821 ng/ul	98
51) 3-Nitroaniline	14.742	138	38153	21.385 ng/ul	99
52) Acenaphthene	14.895	153	136783	19.611 ng/ul	99
53) 2,4-Dinitrophenol	14.965	184	17938m	17.980 ng/ul	
55) 4-Nitrophenol	15.065	109	25827	21.667 ng/ul	94
56) Dibenzofuran	15.224	168	194096	19.293 ng/ul	99
57) 2,4-Dinitrotoluene	15.200	165	48950	18.988 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.459	232	31244	17.480 ng/ul	98
59) Diethylphthalate	15.623	149	171741	19.041 ng/ul	99
61) Fluorene	15.876	166	155028	19.238 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.858	204	79209	18.239 ng/ul	96
63) 4-Nitroaniline	15.905	138	38200m	22.002 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.964	198	23111	16.144 ng/ul#	99
67) N-Nitrosodiphenylamine	16.076	169	138098	20.053 ng/ul	97
68) 4-Bromophenyl-phenylether	16.751	248	49736	19.291 ng/ul	96
69) Hexachlorobenzene	16.880	284	51078	19.429 ng/ul	96
70) Atrazine	17.016	200	55862	19.301 ng/ul	98
71) Pentachlorophenol	17.233	266	20678	17.751 ng/ul	99
72) Phenanthrene	17.621	178	257647	19.398 ng/ul	99
74) Anthracene	17.715	178	260013	19.711 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.631	216	70544	20.105 ng/uL	98
76) Pentachlorobenzene	15.147	250	63878	19.538 ng/uL	99
77) Carbazole	17.985	167	234390	20.243 ng/ul	99
78) Di-n-butylphthalate	18.508	149	298035	19.962 ng/ul	98
80) Fluoranthene	19.624	202	308011	20.595 ng/ul	99
82) Pyrene	19.989	202	298493	20.403 ng/ul	98
83) Butylbenzylphthalate	20.846	149	127601	20.980 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.763	252	90496	19.314 ng/ul	96
85) Benzo(a)anthracene	21.857	228	267690	19.612 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.716	149	183404	20.955 ng/ul	99
87) Chrysene	21.928	228	258378	19.704 ng/ul	99
89) Di-n-octyl phthalate	22.979	149	305469	20.886 ng/ul	100
90) Benzo(b)fluoranthene	24.190	252	263470	19.339 ng/ul	99
91) Benzo(k)fluoranthene	24.260	252	247193	19.335 ng/ul	99
93) Benzo(a)pyrene	25.118	252	251662	19.362 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.201	276	279237	19.199 ng/ul	96
95) Dibenzo(a,h)anthracene	29.248	278	238752	19.349 ng/ul	97
96) Benzo(g,h,i)perylene	30.429	276	235354	19.233 ng/ul	98

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

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