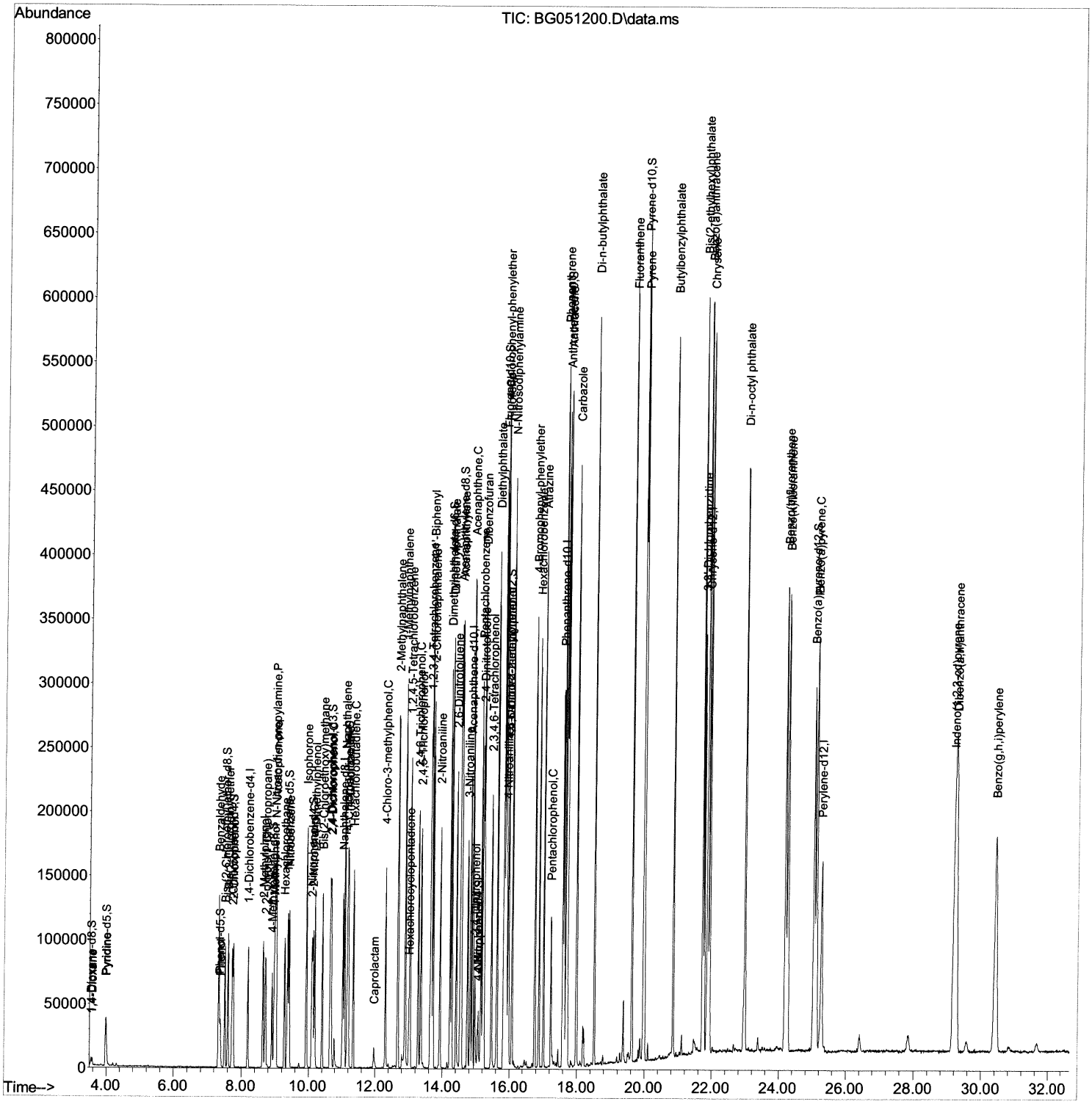
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:57:34 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
ClientSampleId :
A0015MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :mohammad ahmed 11/30/2021



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
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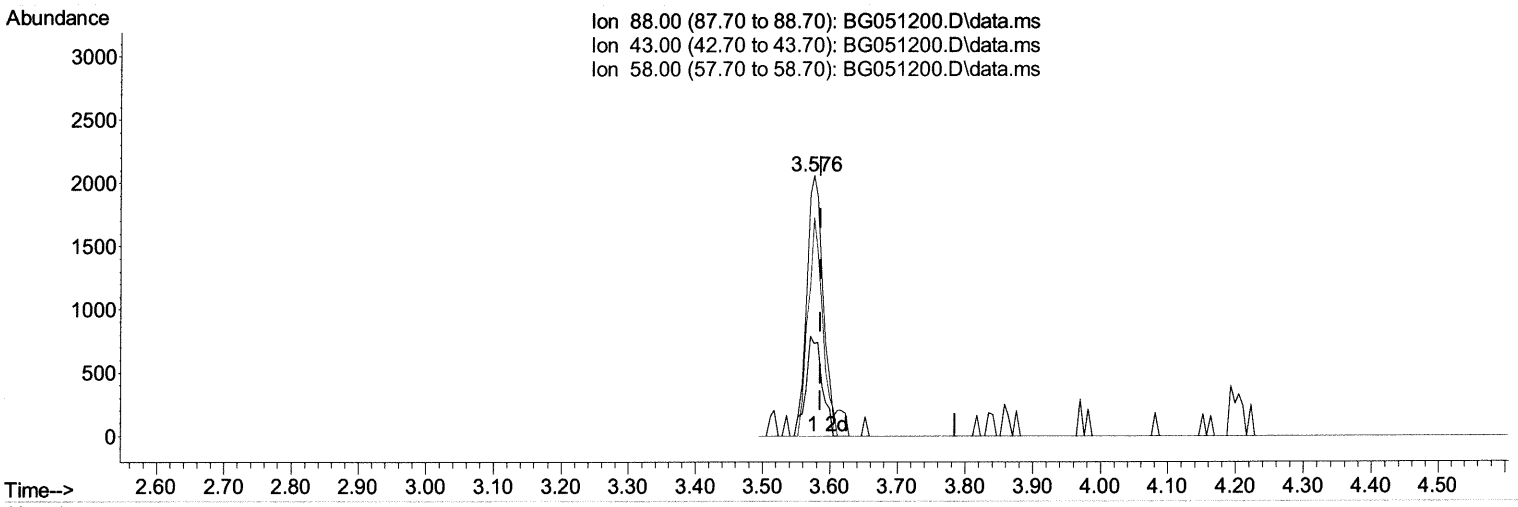

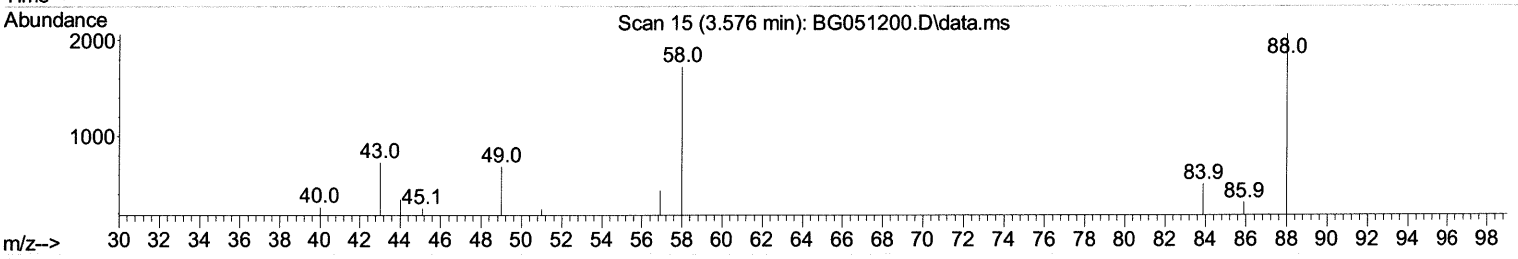

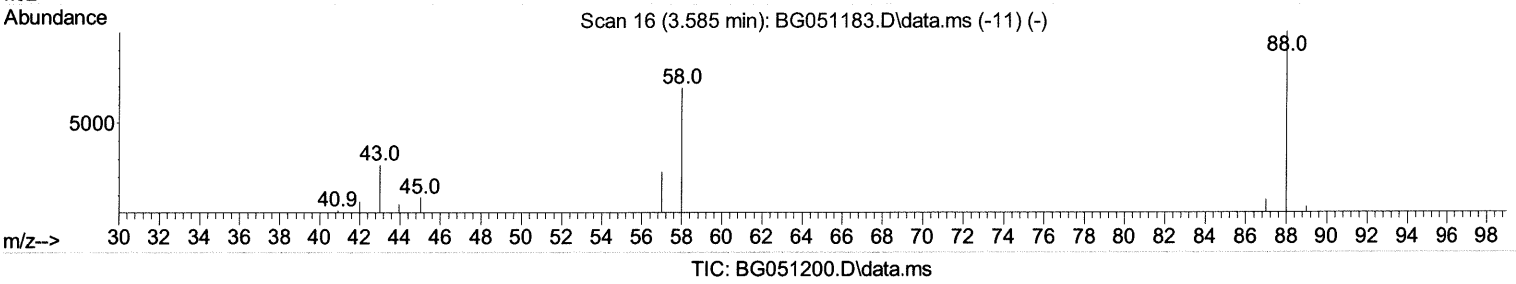

TIC: BG051200.D\data.ms

(2) 1,4-Dioxane

3.576min (-0.009) 4.20 ng/uL

response 3522

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	35.42#
58.00	78.00	83.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
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Acq On : 24 Nov 2021 2:44
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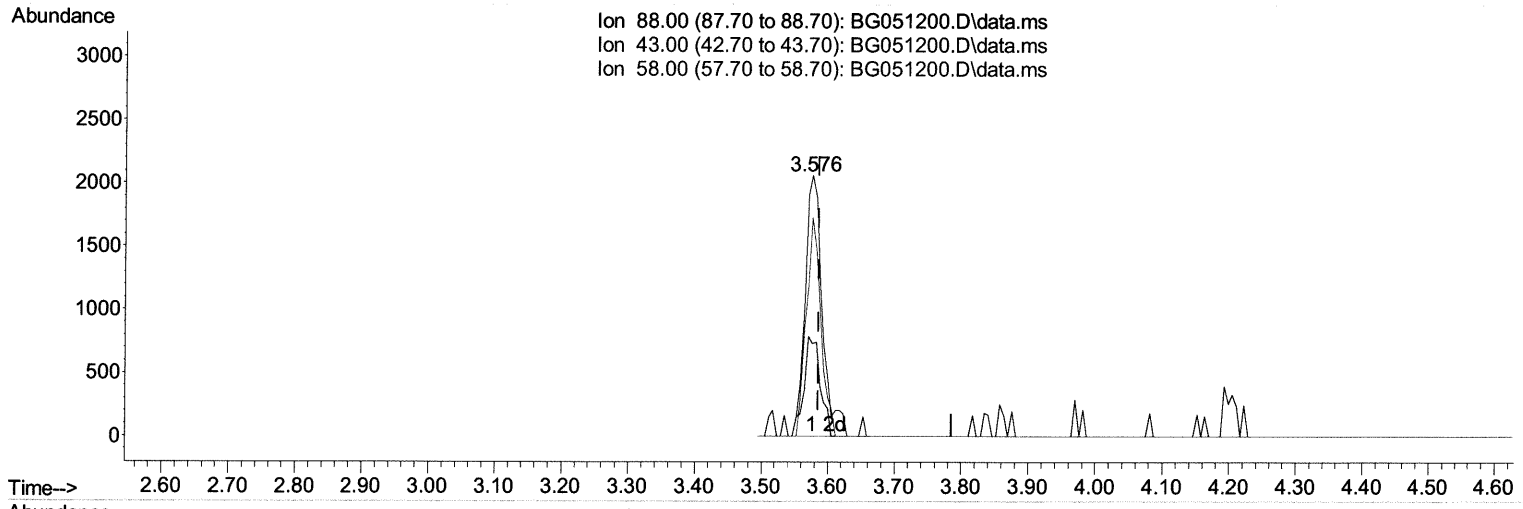

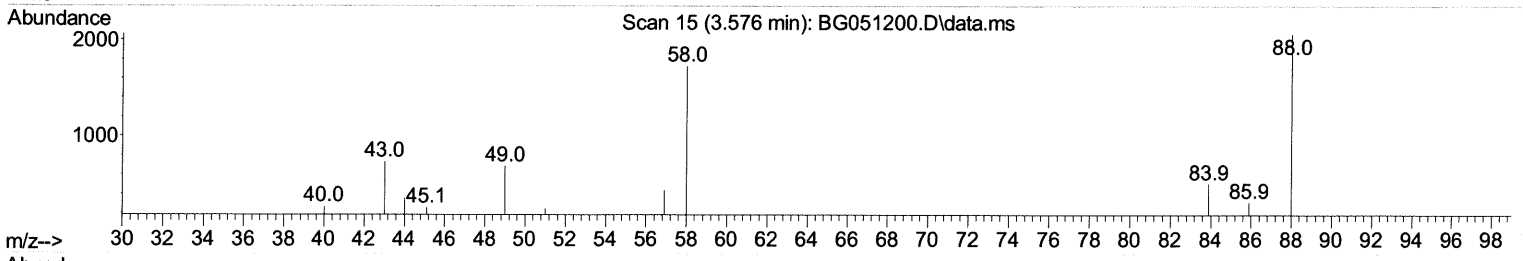

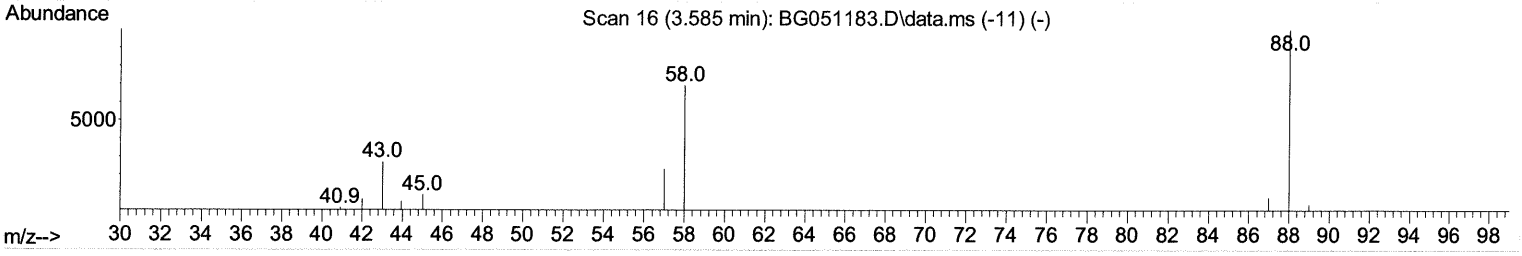

TIC: BG051200.D\data.ms

(2) 1,4-Dioxane

3.576min (-0.009) 4.44 ng/uL m 11/29/21 JU

response 3727

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	35.42#
58.00	78.00	83.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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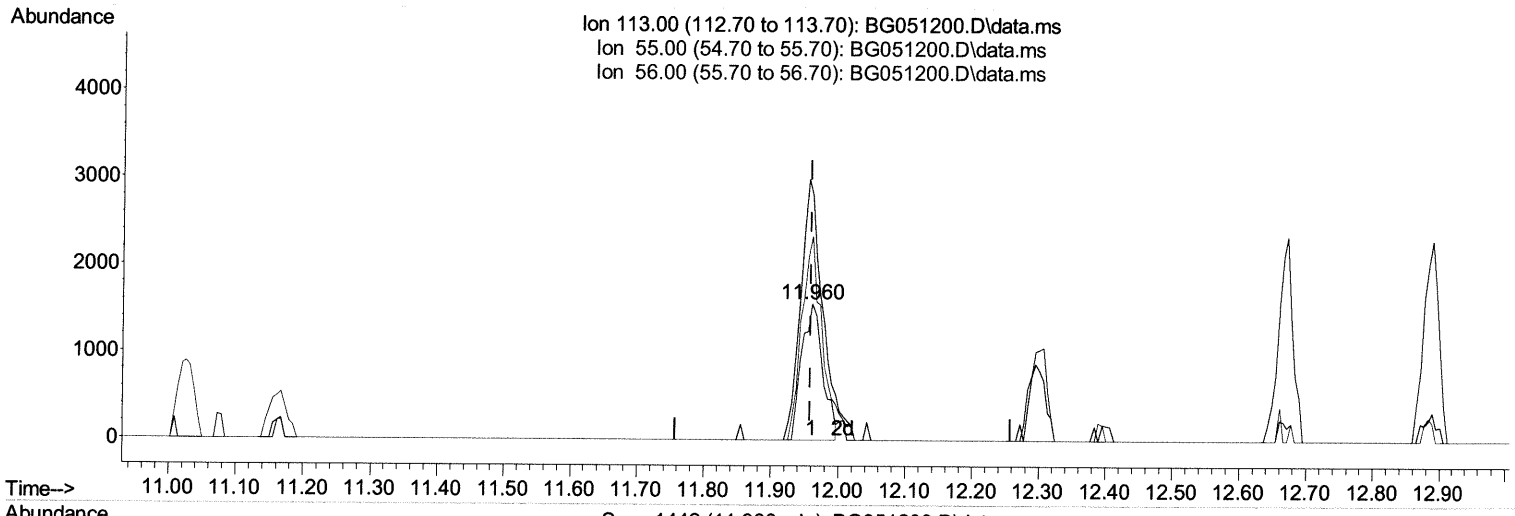

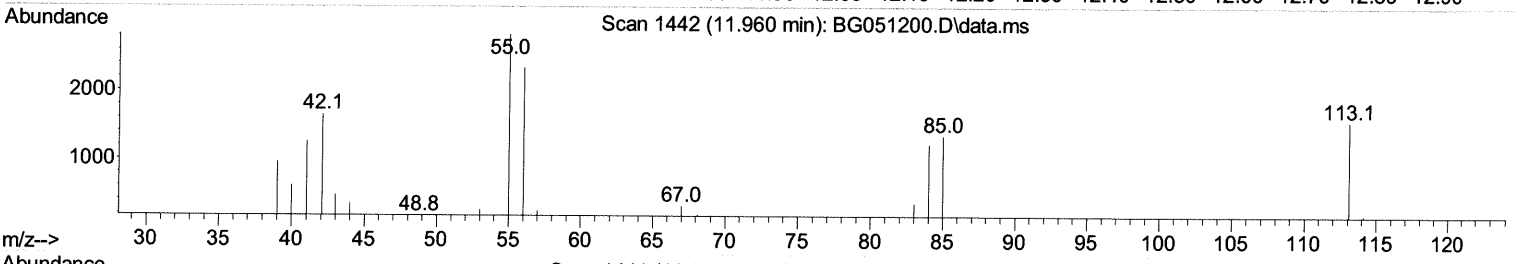

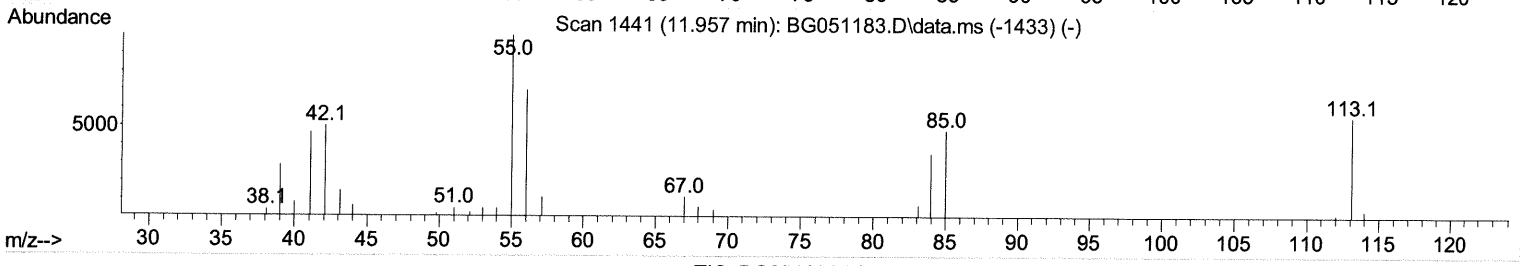

TIC: BG051200.D\data.ms

(34) Caprolactam

11.960min (+ 0.003) 4.58 ng/ul

response 3380

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	180.49
56.00	136.50	149.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:57:34 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
ClientSampleId :
A0015MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
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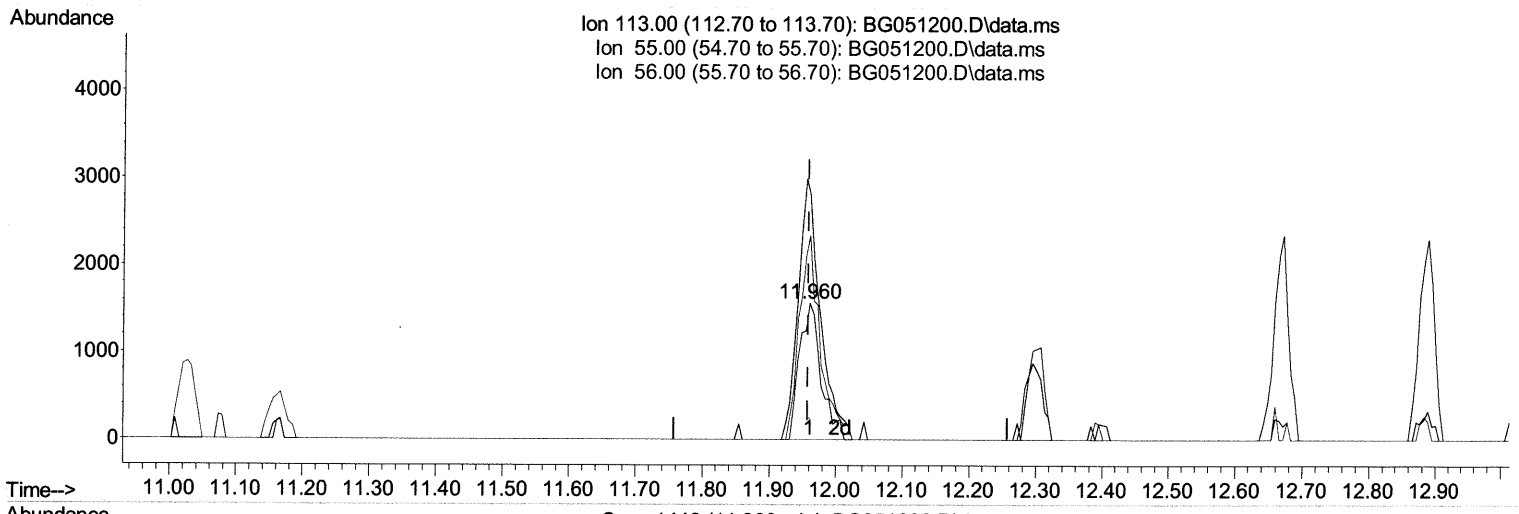

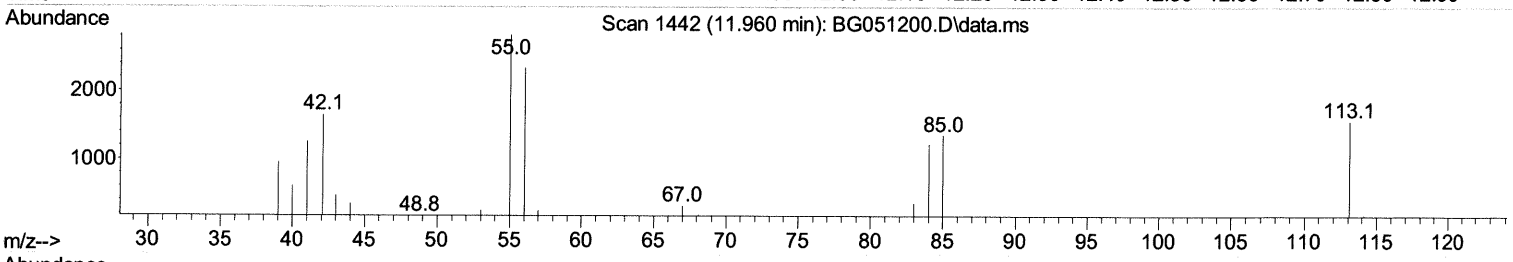

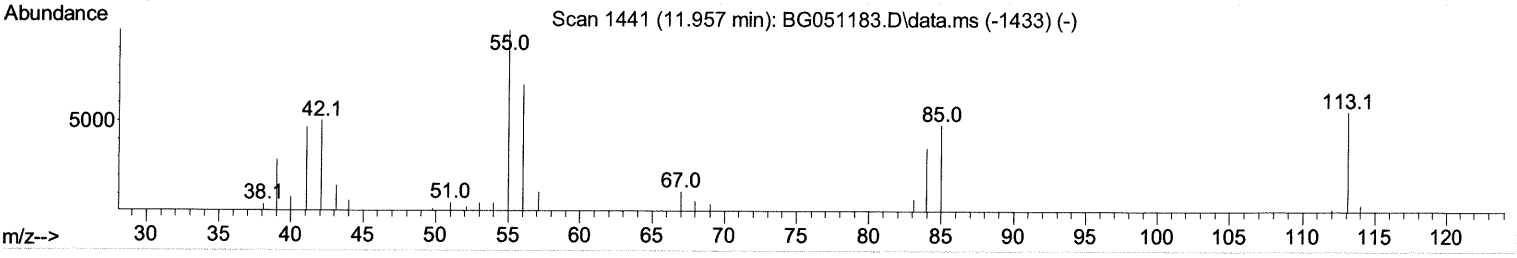

TIC: BG051200.D\data.ms

(34) Caprolactam

11.960min (+ 0.003) 4.78 ng/ul m 11/24/21 JU

response 3532

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	180.49
56.00	136.50	149.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:57:34 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
ClientSampleId :
A0015MS

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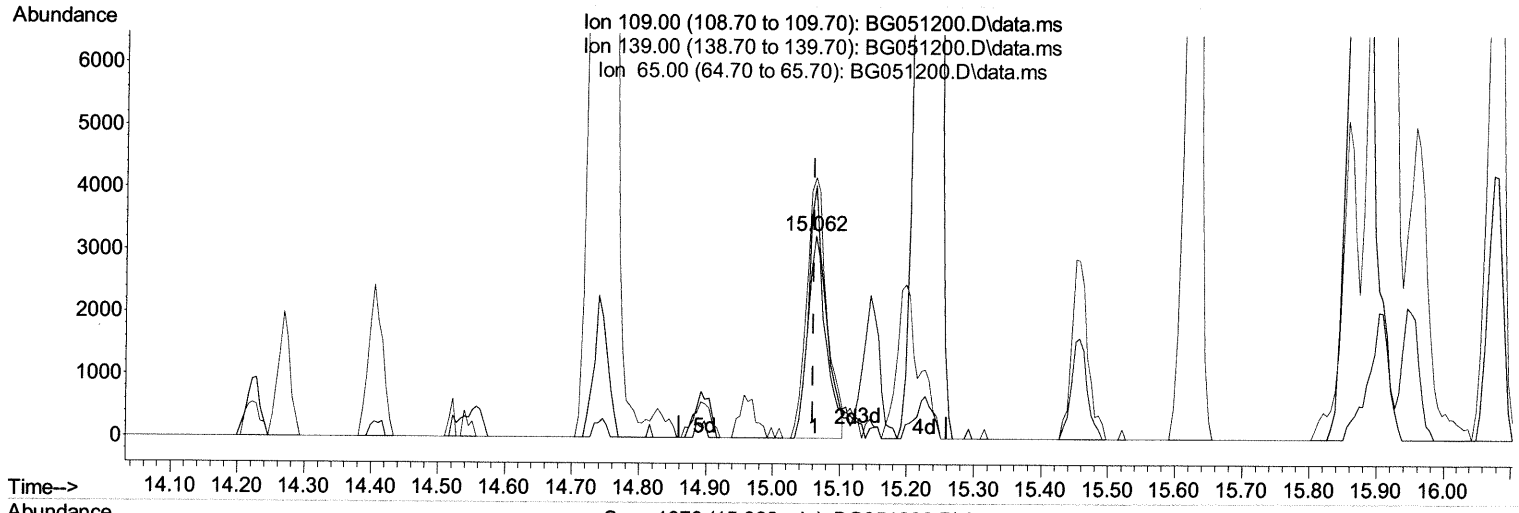

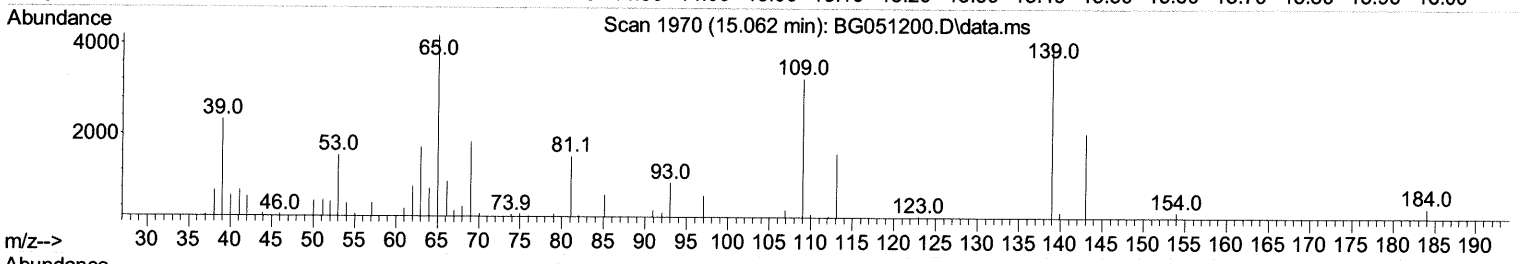

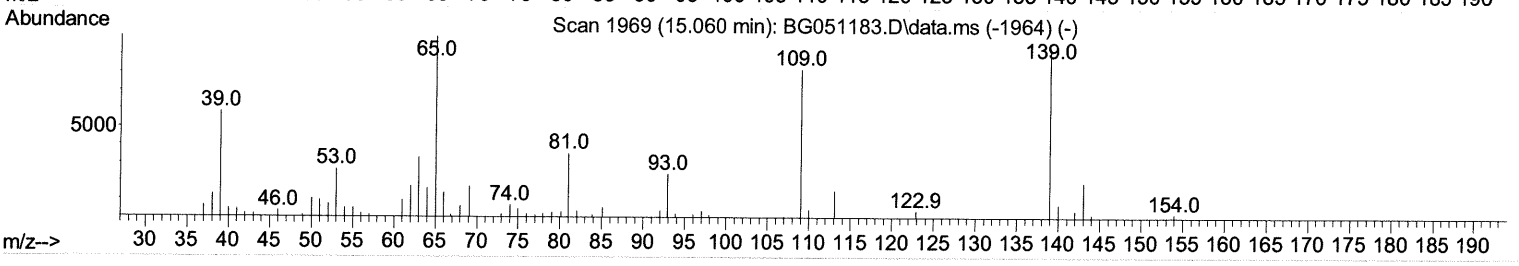

TIC: BG051200.D\data.ms

(55) 4-Nitrophenol

15.062min (+ 0.003) 6.99 ng/ul

response 6253

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	124.85
65.00	142.00	128.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:57:34 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
ClientSampleId :
A0015MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
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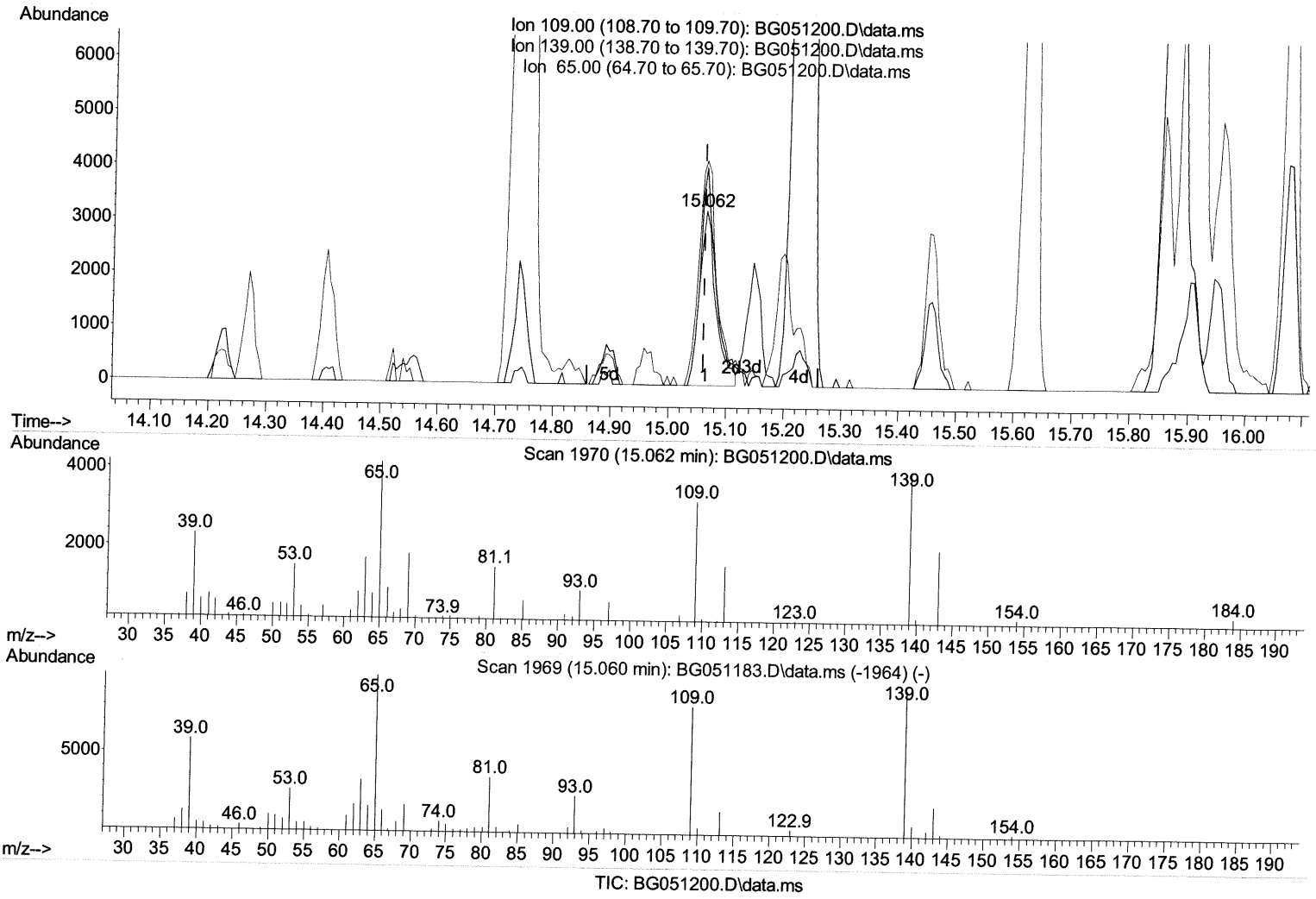

TIC: BG051200.D\data.ms

(55) 4-Nitrophenol

15.062min (+ 0.003) 7.26 ng/ul m 11/24/21/34

response 6496

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	124.85
65.00	142.00	128.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:57:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A0015MS

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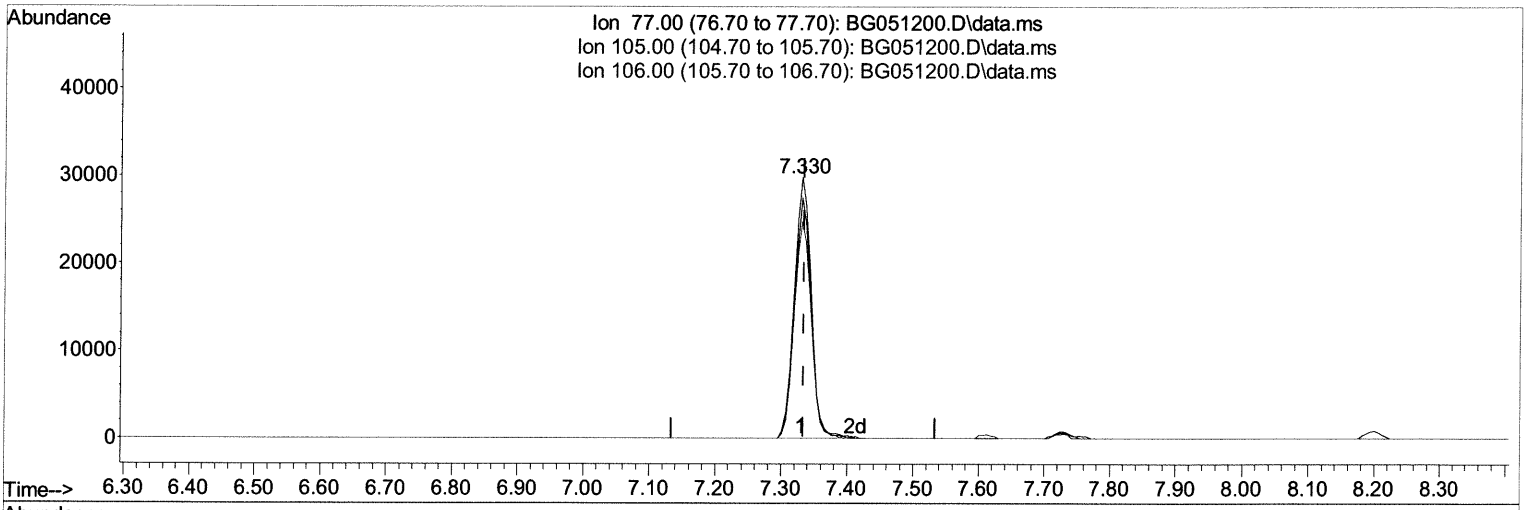

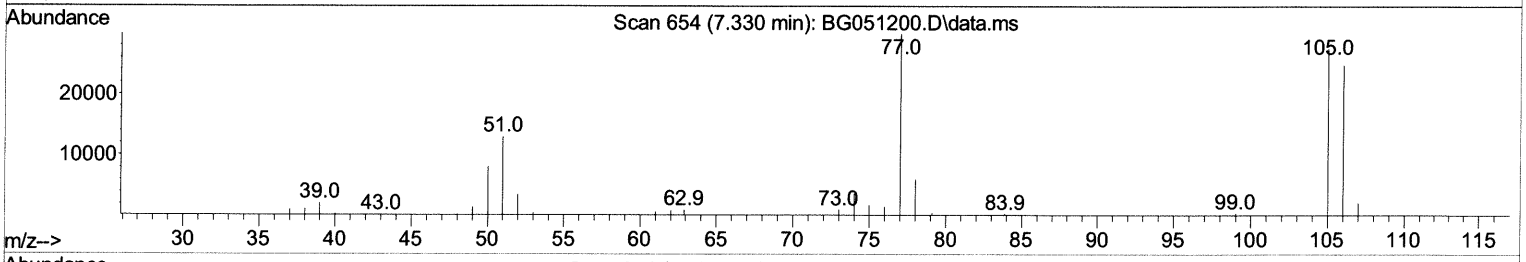

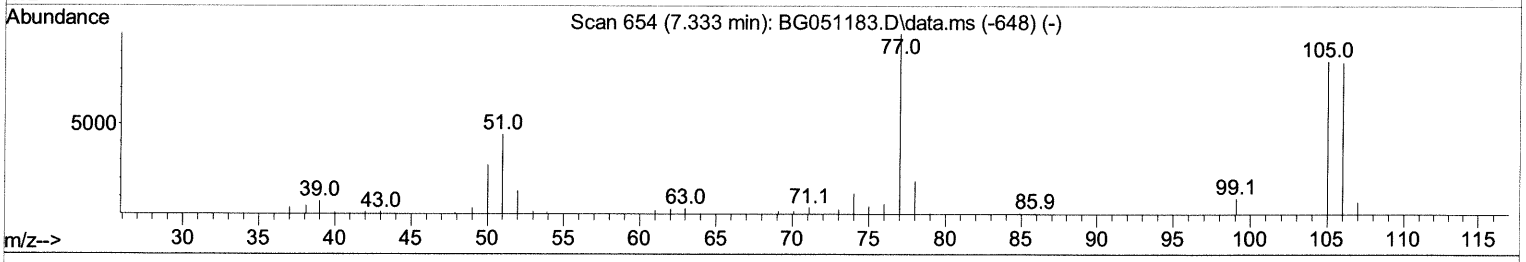

TIC: BG051200.D\data.ms

(6) Benzaldehyde

7.330min (-0.003) 32.69 ng/ul

response 53213

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	92.24
106.00	76.50	83.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:57:34 2021
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Instrument :
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ClientSampleId :
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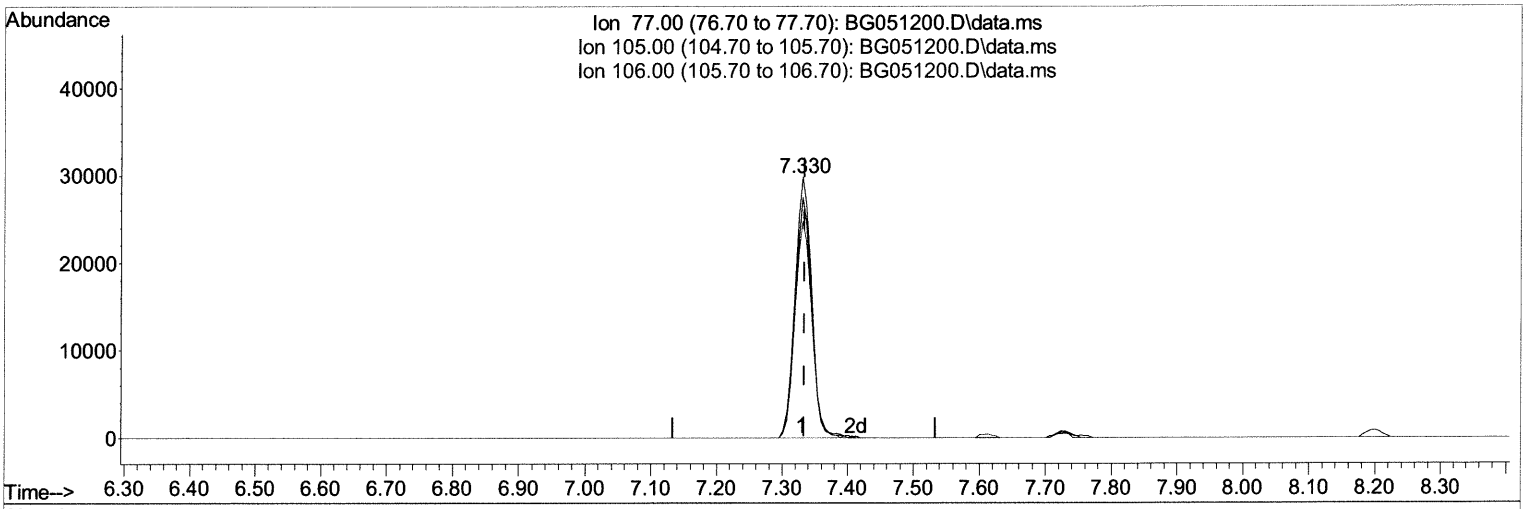

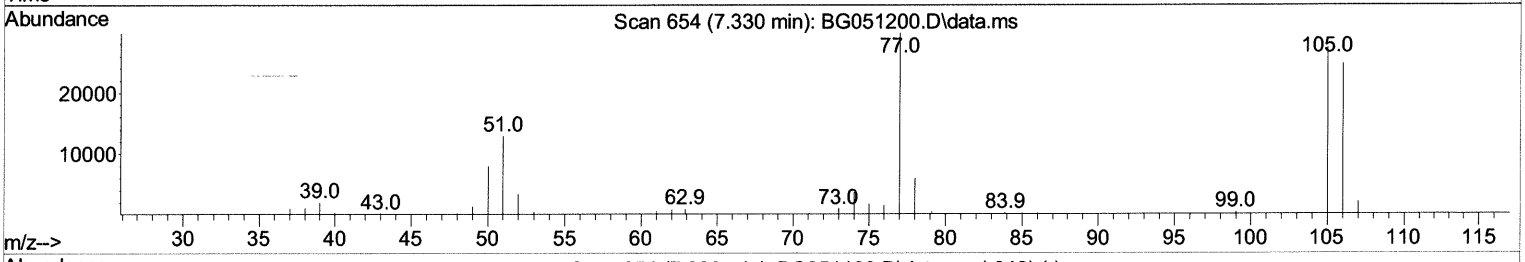

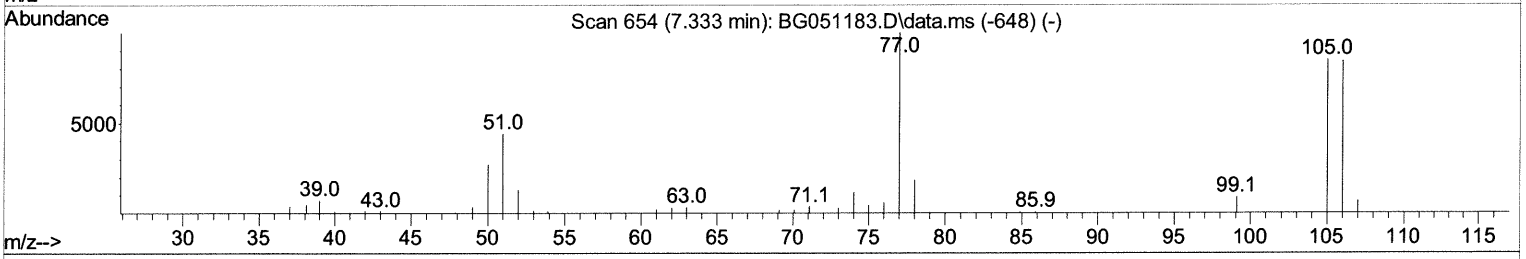

TIC: BG051200.D\data.ms

(6) Benzaldehyde

7.330min (-0.003) 32.69 ng/ul

response 53213

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	92.24
106.00	76.50	83.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
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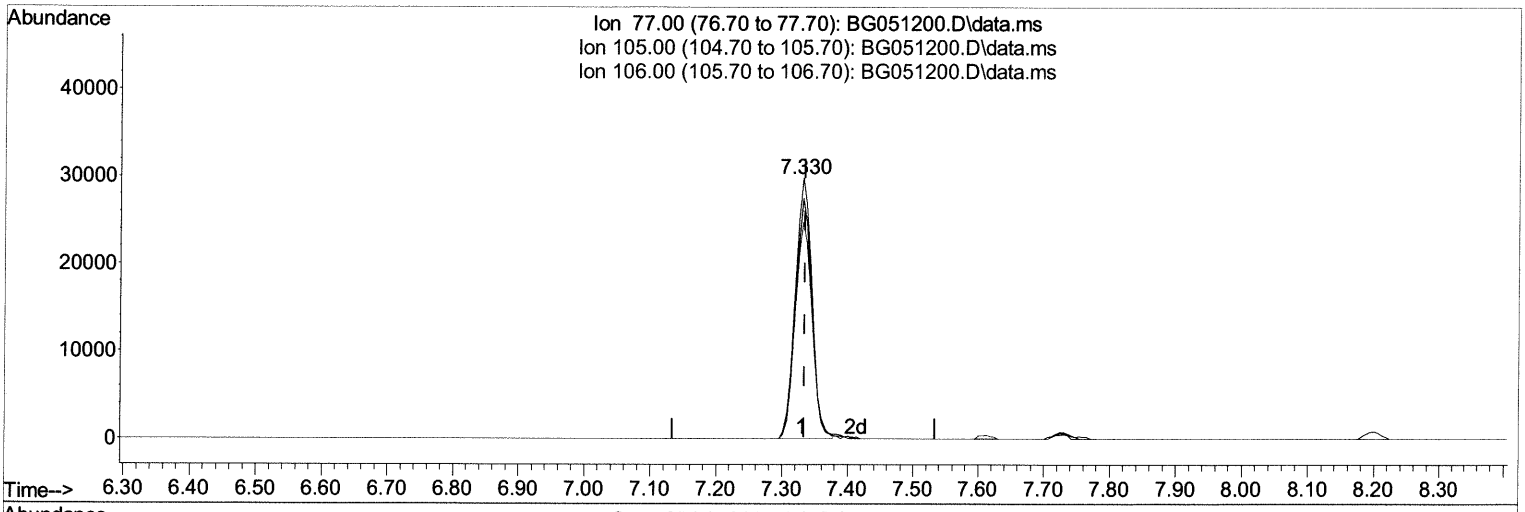

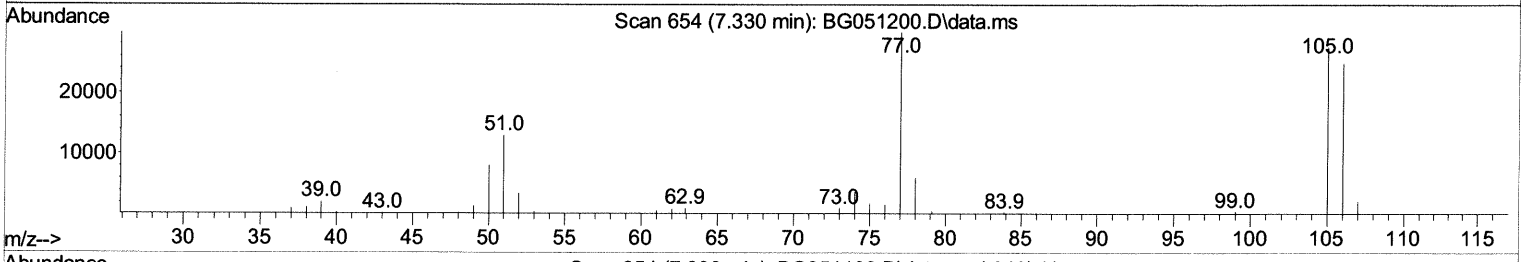

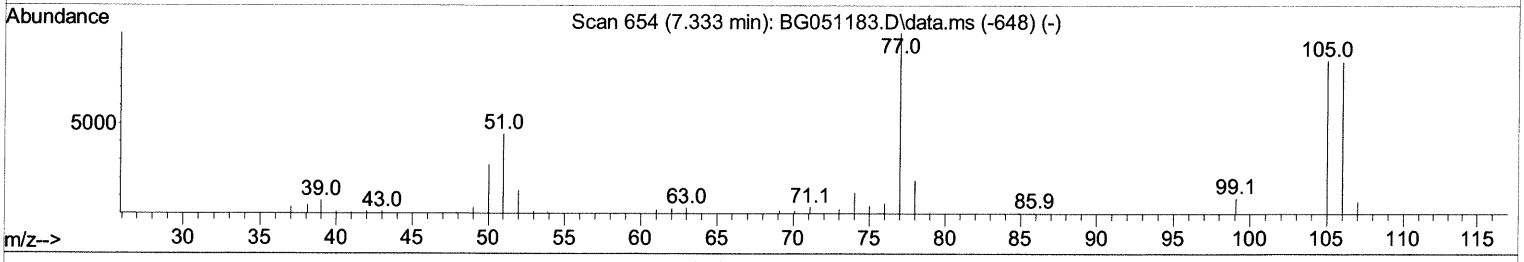

TIC: BG051200.D\data.ms

(6) Benzaldehyde

7.330min (-0.003) 32.40 ng/ul m 11/29/21 JG

response 52739

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	92.24
106.00	76.50	83.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	25865	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	118136	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	82812	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.583	188	186896	20.000	ng/ul	0.00
79) Chrysene-d12	21.884	240	159414	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	161308	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	3217	4.322	ng/uL	0.00
4) Pyridine-d5	3.975	84	17753	8.128	ng/ul	0.00
7) Phenol-d5	7.360	99	16007	6.262	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	47878	29.821	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	42666	23.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	29960	14.523	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	29673	29.755	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	32602	28.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	52000	27.245	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	73877	26.453	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	210539	33.042	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	249950	31.108	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	7576	7.345	ng/ul	0.00
60) Fluorene-d10	15.820	176	188124	32.786	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	37893	32.857	ng/ul	0.00
73) Anthracene-d10	17.683	188	304261	34.039	ng/ul	0.00
81) Pyrene-d10	19.957	212	338359	35.079	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.045	264	301856	35.039	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	3727m >	4.440	ng/uL >	11/29/2134
5) Pyridine	3.993	79	20063	8.828	ng/ul	98
6) Benzaldehyde	7.330	77	52739m >	32.396	ng/ul >	11/29/2134
8) Phenol	7.383	94	21590	8.153	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.606	93	59327	29.612	ng/ul	97
12) 2-Chlorophenol	7.759	128	43340	23.104	ng/ul	99
13) 2-Methylphenol	8.646	108	34884	17.685	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.717	45	85424	29.547	ng/ul	97
16) Acetophenone	9.028	105	94645	29.662	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.999	70	55757	30.409	ng/ul	97
18) 4-Methylphenol	8.975	108	32777	15.539	ng/ul	98
19) Hexachloroethane	9.281	117	21299	26.882	ng/ul	100
22) Nitrobenzene	9.416	77	79064	30.236	ng/ul	95
23) Isophorone	9.933	82	151467	29.815	ng/ul	99
25) 2-Nitrophenol	10.133	139	33639	28.870	ng/ul	96
26) 2,4-Dimethylphenol	10.180	107	53570	22.487	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.415	93	83272	29.691	ng/ul	98
29) 2,4-Dichlorophenol	10.673	162	49933	26.577	ng/ul	97
30) Naphthalene	11.079	128	186788	29.058	ng/ul	98
32) 4-Chloroaniline	11.185	127	74652	26.626	ng/ul	99
33) Hexachlorobutadiene	11.343	225	34683	26.763	ng/ul	94
34) Caprolactam	11.960	113	3532m >	4.782	ng/ul >	11/29/2134
35) 4-Chloro-3-methylphenol	12.301	107	59074	26.174	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051200.D
Acq On : 24 Nov 2021 2:44
Operator : CG/JU
Sample : M4753-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:57:34 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
ClientSampleId :
A0015MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :mohammad ahmed 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.665	142	133429	30.517	ng/ul	94
37) 1-Methylnaphthalene	12.888	142	134813	29.970	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.029	216	77014	29.623	ng/ul	99
40) Hexachlorocyclopentadiene	13.000	237	14193	13.506	ng/ul	98
41) 2,4,6-Trichlorophenol	13.270	196	49767	30.504	ng/ul	98
42) 2,4,5-Trichlorophenol	13.353	196	52981	31.011	ng/ul	99
43) 1,1'-Biphenyl	13.664	154	183407	29.652	ng/ul	98
44) 2-Chloronaphthalene	13.717	162	144498	29.369	ng/ul	98
45) 2-Nitroaniline	13.923	65	59133	34.726	ng/ul	94
47) Dimethylphthalate	14.269	163	211422	32.780	ng/ul	99
48) 2,6-Dinitrotoluene	14.404	165	46354	34.215	ng/ul	94
50) Acenaphthylene	14.557	152	242863	30.594	ng/ul	98
51) 3-Nitroaniline	14.745	138	45632	34.075	ng/ul	95
52) Acenaphthene	14.892	153	162848	31.106	ng/ul	96
53) 2,4-Dinitrophenol	14.963	184	19587	26.156	ng/ul#	85
55) 4-Nitrophenol	15.062	109	6496m	7.260	ng/ul	11/29/24
56) Dibenzofuran	15.227	168	239551	31.723	ng/ul	99
57) 2,4-Dinitrotoluene	15.198	165	68424	35.361	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.456	232	45126	33.636	ng/ul#	97
59) Diethylphthalate	15.626	149	234853	34.690	ng/ul	99
61) Fluorene	15.879	166	196383	32.467	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.861	204	103700	31.813	ng/ul	98
63) 4-Nitroaniline	15.908	138	48075	36.891	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.961	198	36412	32.738	ng/ul#	99
67) N-Nitrosodiphenylamine	16.079	169	179751	33.595	ng/ul	98
68) 4-Bromophenyl-phenylether	16.755	248	67823	33.859	ng/ul	94
69) Hexachlorobenzene	16.878	284	70062	34.302	ng/ul	97
70) Atrazine	17.019	200	74088	32.948	ng/ul	99
71) Pentachlorophenol	17.236	266	23690	26.175	ng/ul	96
72) Phenanthrene	17.624	178	350305	33.947	ng/ul	99
74) Anthracene	17.718	178	347766	33.933	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.635	216	80928	29.686	ng/uL	99
76) Pentachlorobenzene	15.145	250	79484	31.292	ng/uL	97
77) Carbazole	17.988	167	313221	34.818	ng/ul	99
78) Di-n-butylphthalate	18.511	149	402576	34.707	ng/ul	99
80) Fluoranthene	19.628	202	414181	34.960	ng/ul	96
82) Pyrene	19.986	202	405087	34.955	ng/ul	97
83) Butylbenzylphthalate	20.850	149	172401	35.783	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.766	252	116473	31.381	ng/ul	99
85) Benzo(a)anthracene	21.860	228	381832	35.314	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.719	149	248121	35.789	ng/ul	99
87) Chrysene	21.931	228	364639	35.105	ng/ul	99
89) Di-n-octyl phthalate	22.988	149	425780	36.434	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	386378	35.493	ng/ul	99
91) Benzo(k)fluoranthene	24.263	252	352590	34.515	ng/ul	99
93) Benzo(a)pyrene	25.121	252	363485	34.999	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.193	276	410403	35.313	ng/ul	99
95) Dibenzo(a,h)anthracene	29.252	278	343015	34.790	ng/ul	97
96) Benzo(g,h,i)perylene	30.427	276	345500	35.334	ng/ul	97

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