

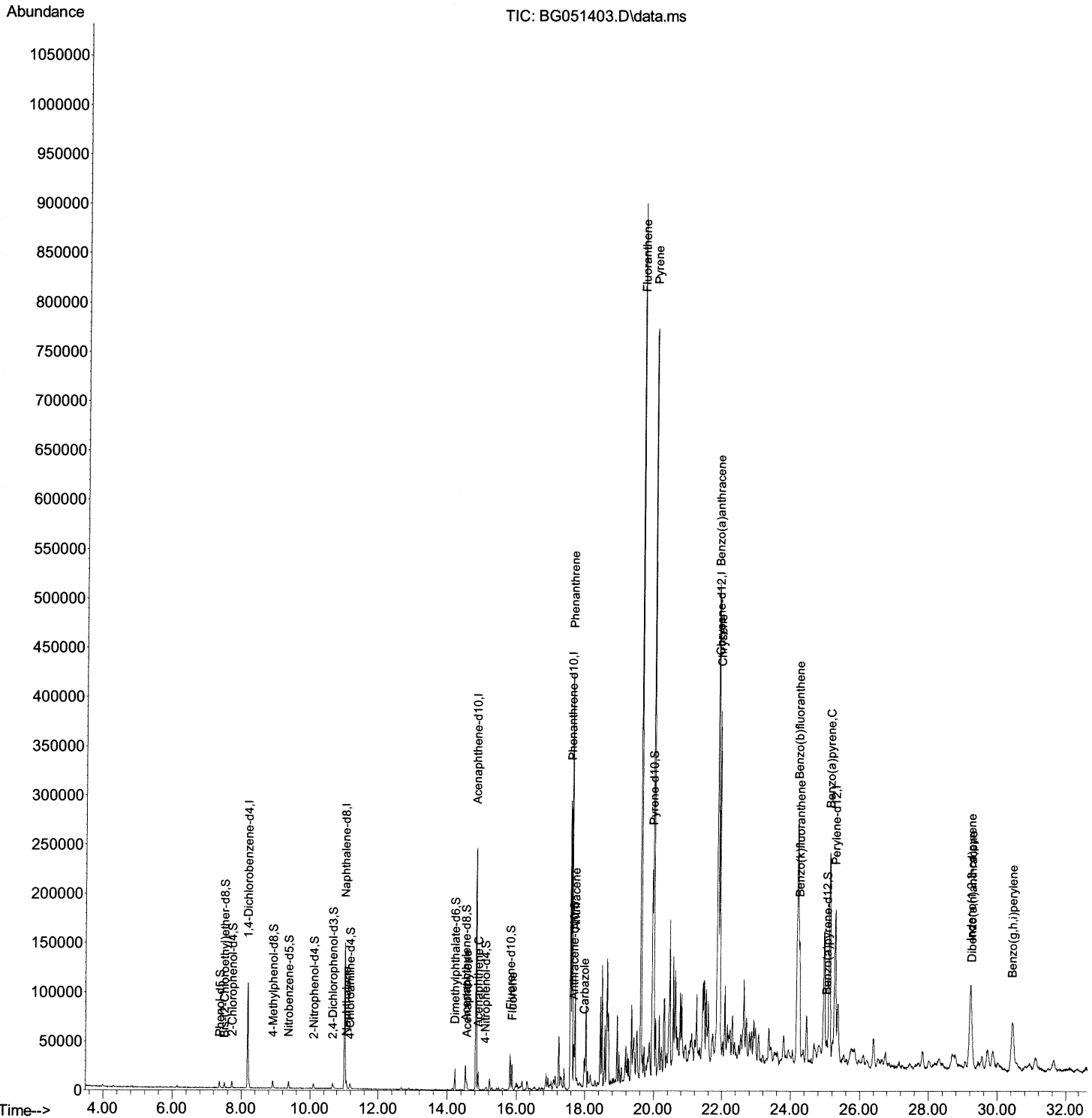
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051403.D
Acq On : 8 Dec 2021 11:02
Operator : CG/JU
Sample : M4960-01 10X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKR4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 04:04:10 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



Quantitation Report (Qedit)

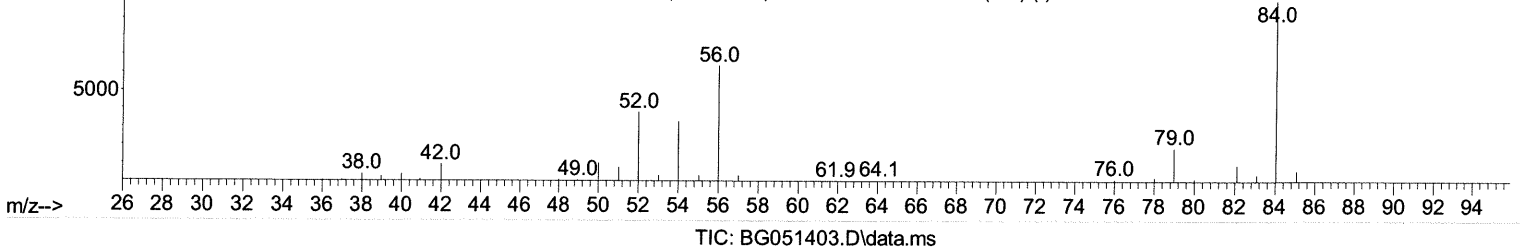
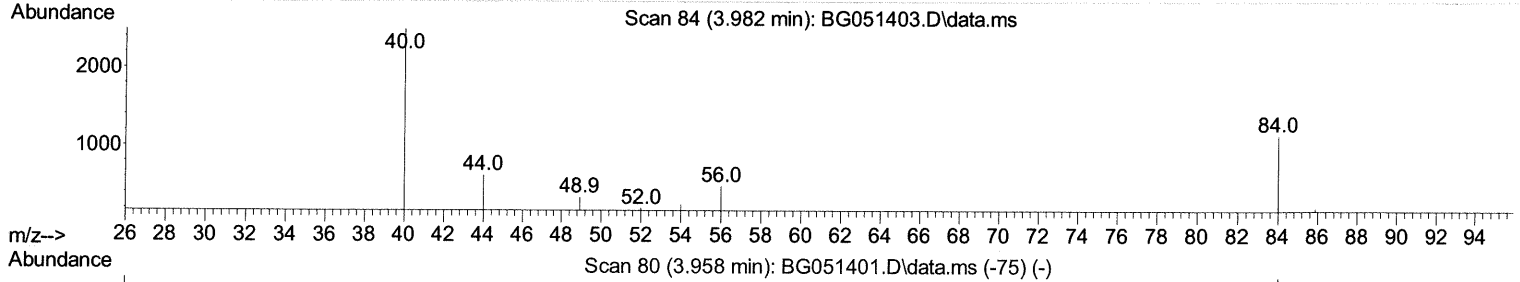
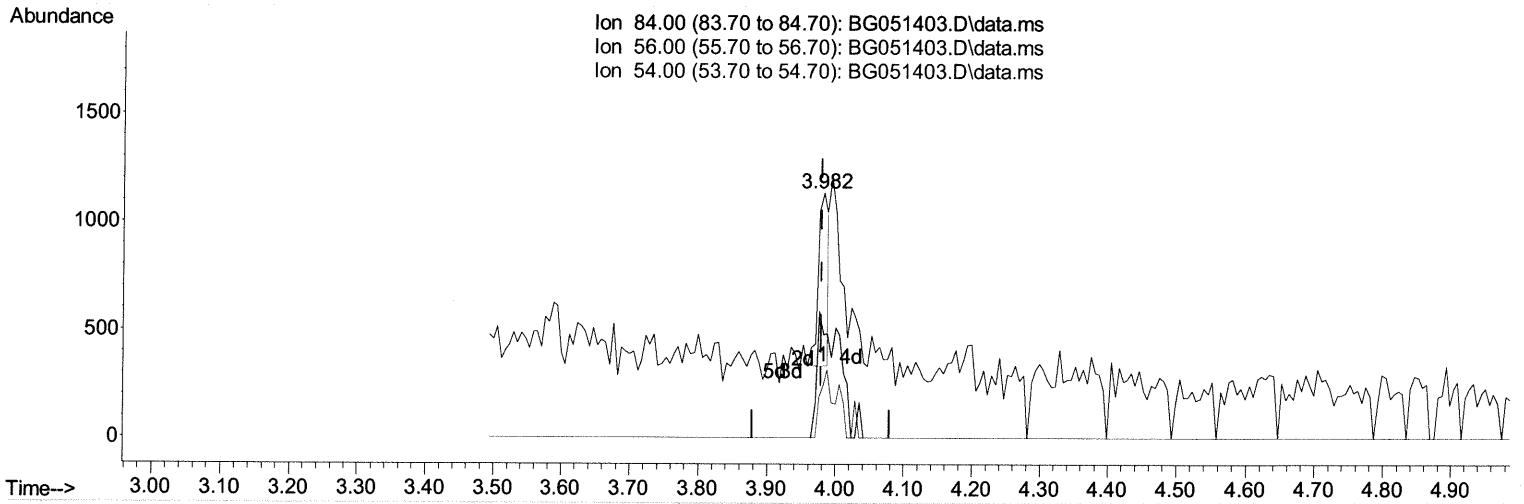
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 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
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Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



TIC: BG051403.D\data.ms

(4) Pyridine-d5 (S)

3.982min (+ 0.003) 0.34 ng/ul

response 852

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	42.25#
54.00	31.50	21.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

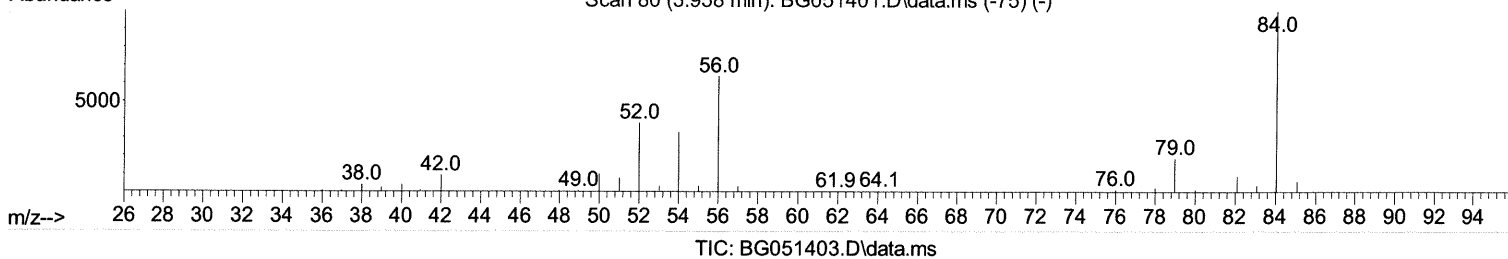
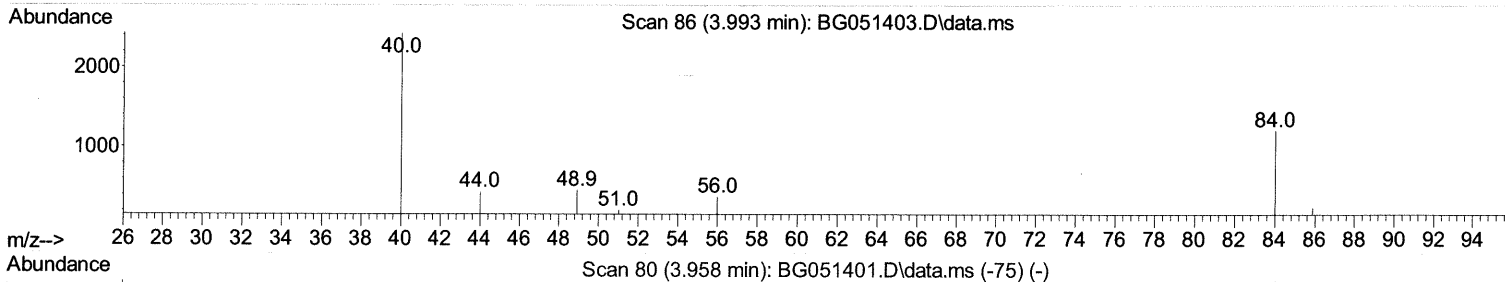
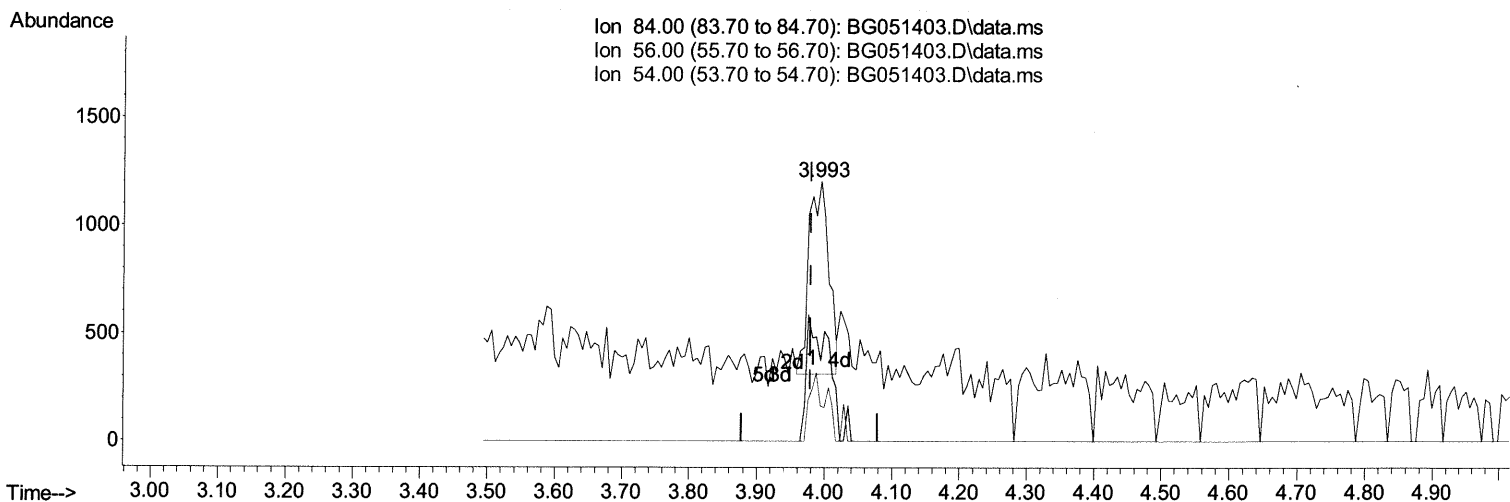
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 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
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Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



TIC: BG051403.D\data.ms

(4) Pyridine-d5 (S)

3.993min (+ 0.015) 0.71 ng/ul m 12/16/21 JU

response 1807

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	30.93#
54.00	31.50	13.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

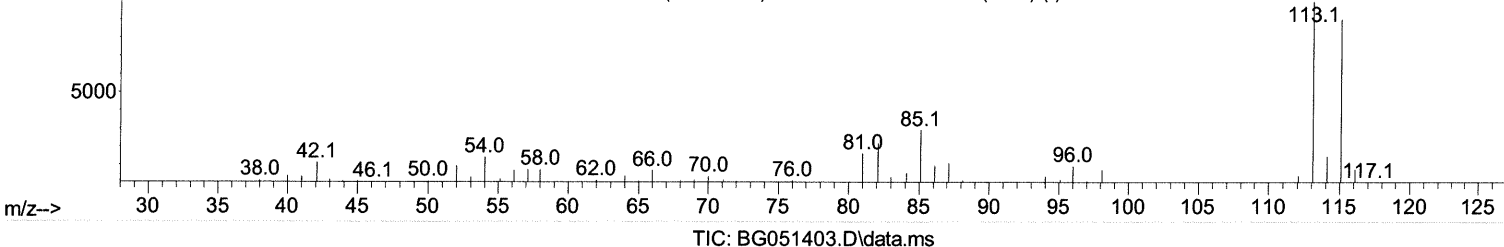
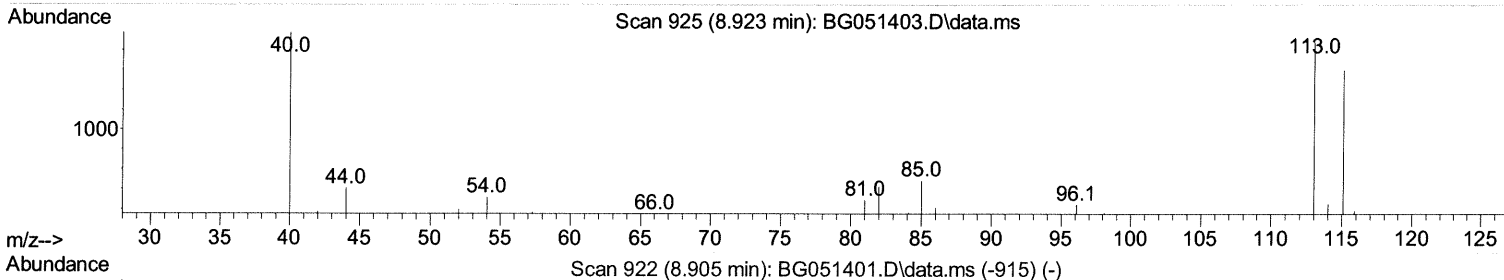
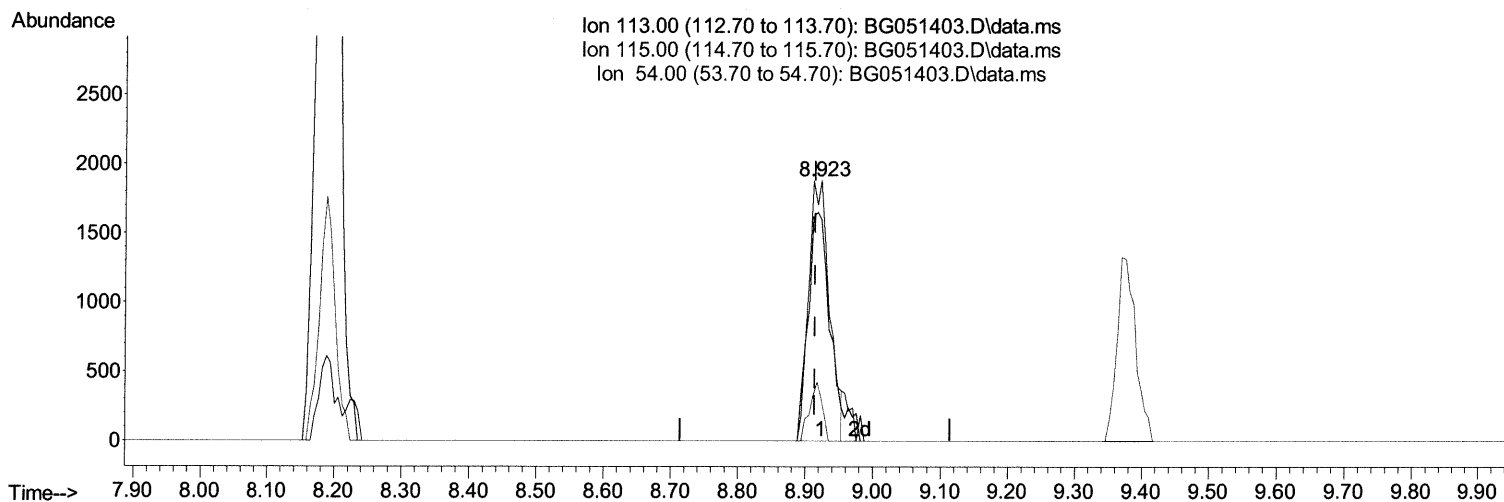
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 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
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Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



TIC: BG051403.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.923min (+ 0.009) 1.67 ng/ul

response 4005

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	88.40	85.13
54.00	13.00	16.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

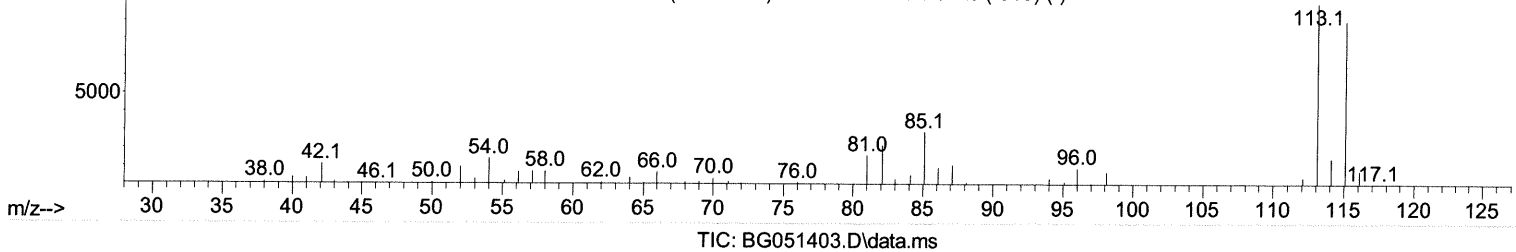
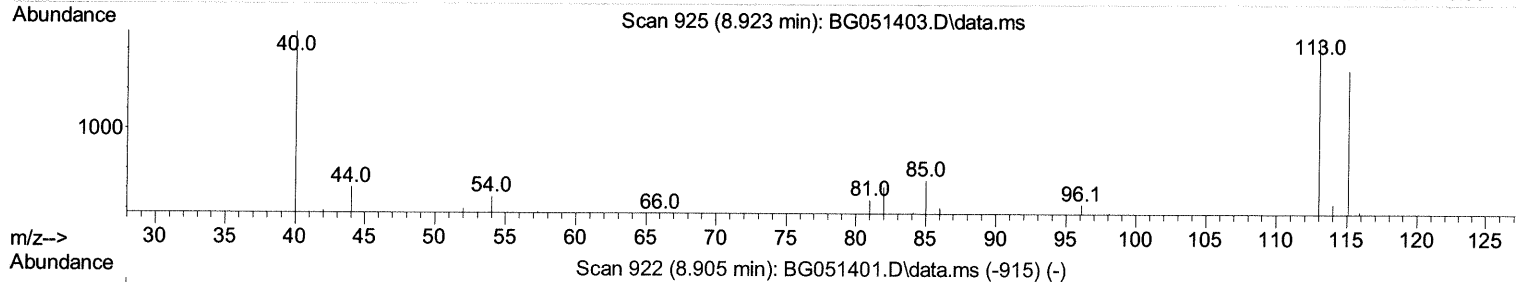
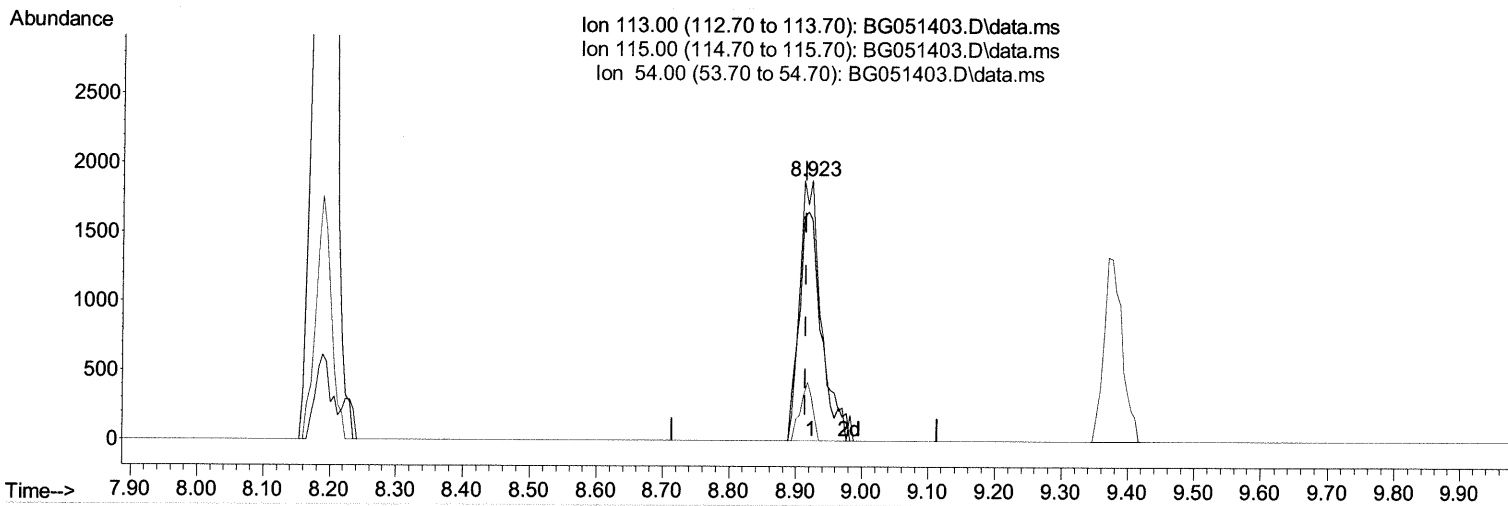
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 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

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



(15) 4-Methylphenol-d8 (S)

8.923min (+ 0.009) 1.79 ng/ul m 12/16/21 Ju

response 4287

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	88.40	85.13
54.00	13.00	16.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

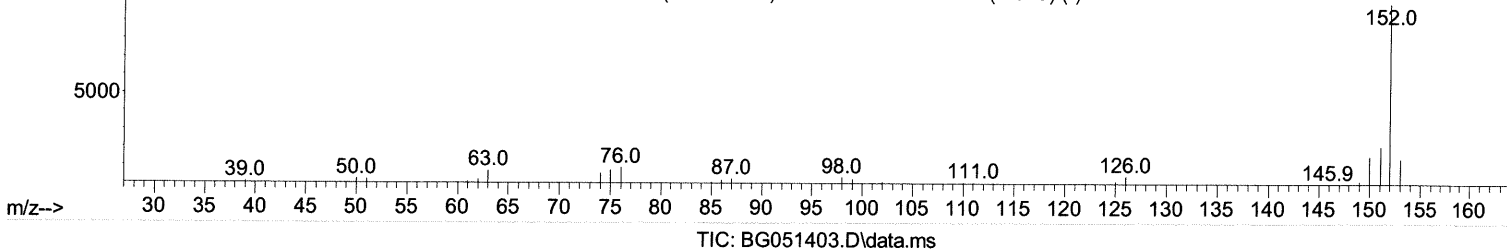
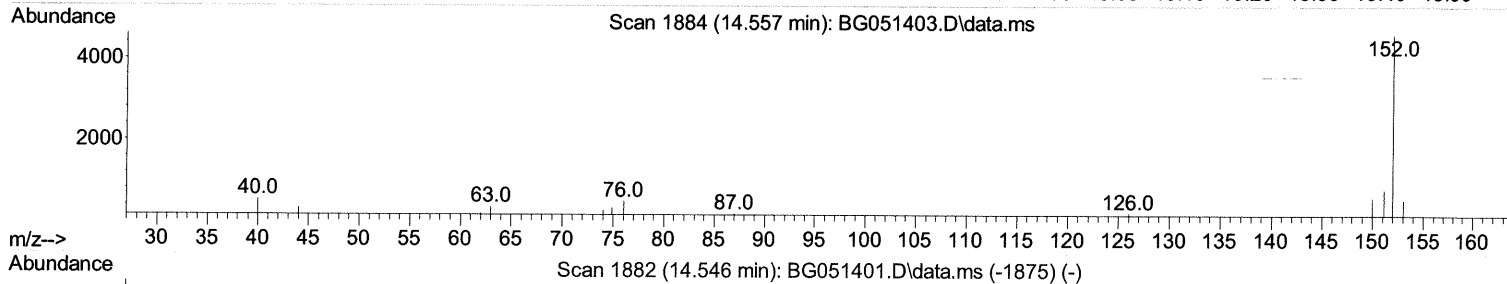
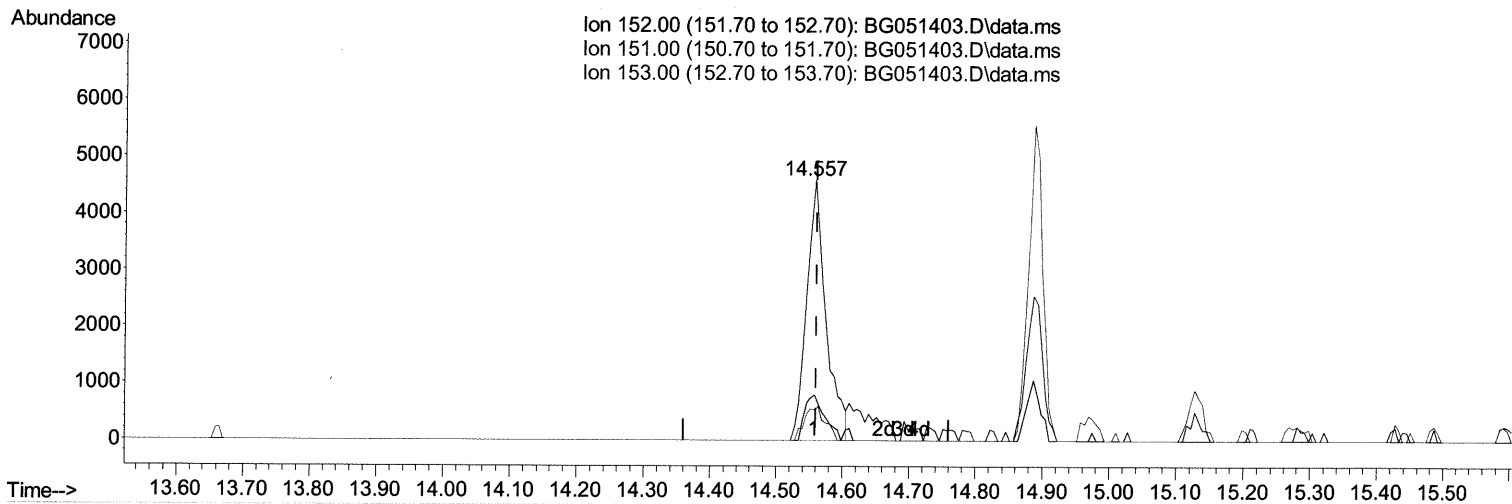
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
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Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



(50) Acenaphthylene

14.557min (-0.003) 1.14 ng/ul

response 9301

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.70	17.24#
153.00	12.90	11.61
0.00	0.00	0.00

Quantitation Report (Qedit)

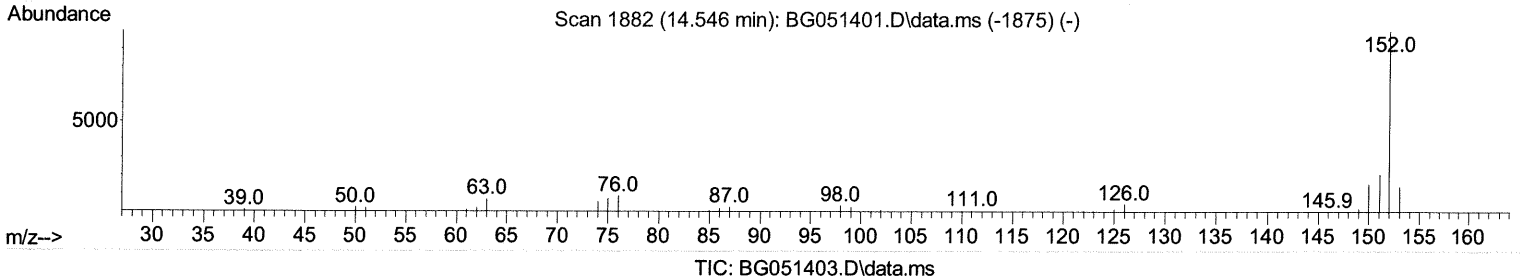
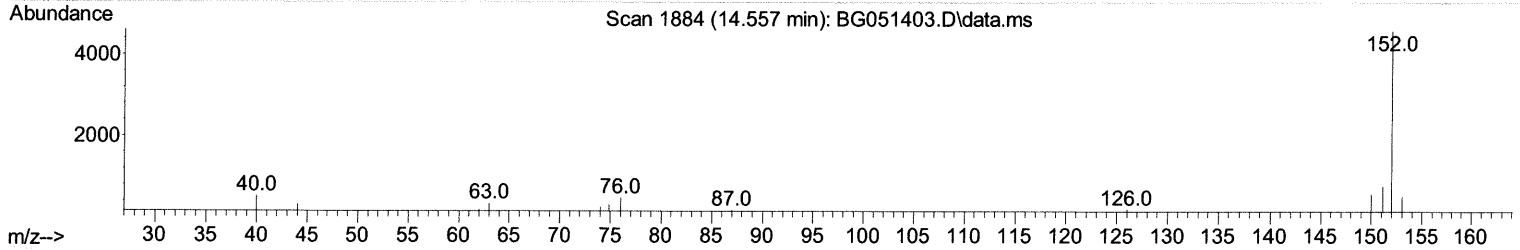
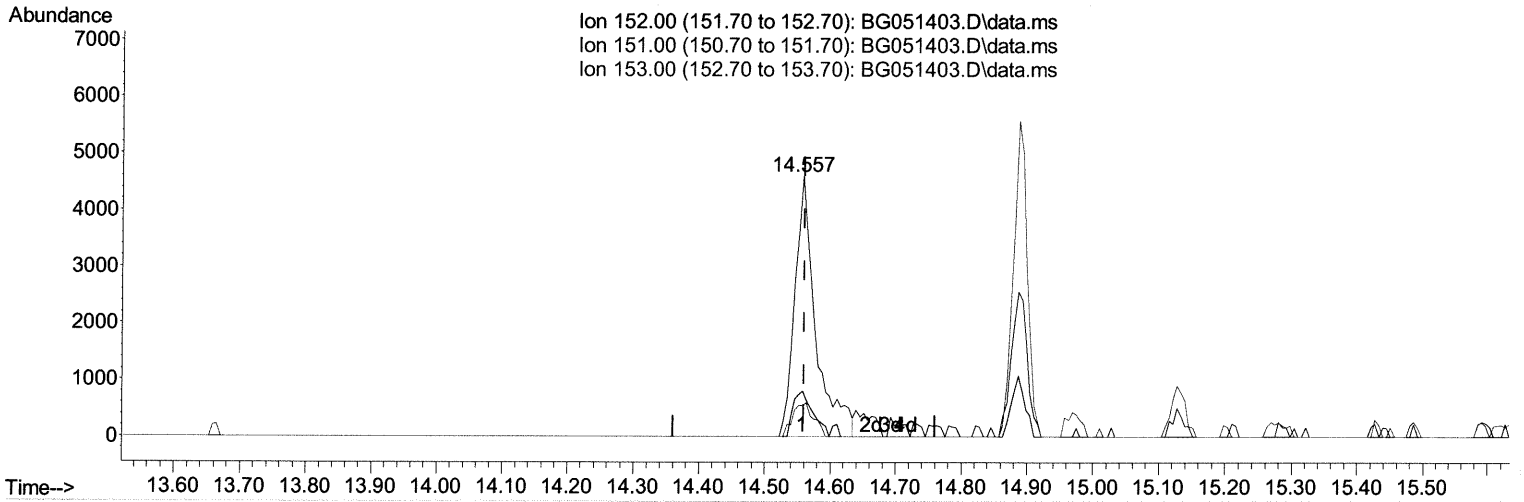
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 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

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



(50) Acenaphthylene

14.557min (-0.003) 1.25 ng/ul m 12/16/21 JU

response 10200

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.70	17.24#
153.00	12.90	11.61
0.00	0.00	0.00

Quantitation Report (Qedit)

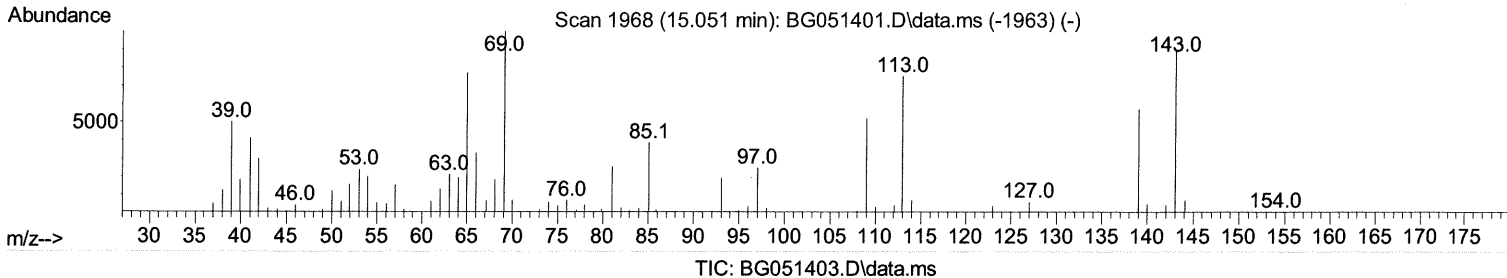
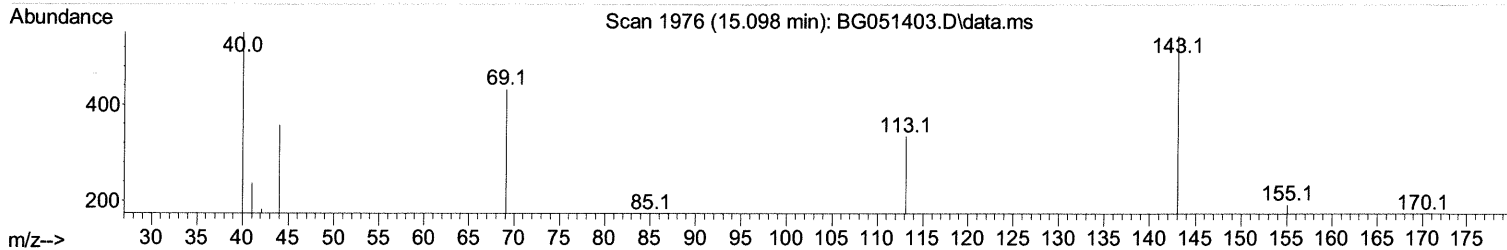
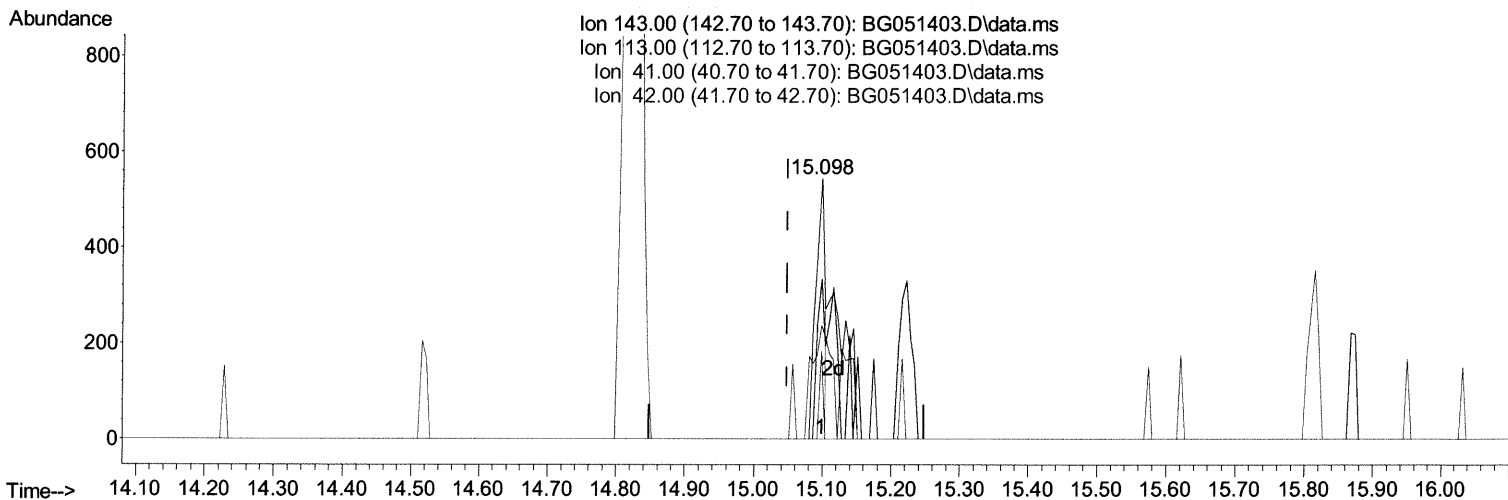
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 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

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



(54) 4-Nitrophenol-d4 (S)

15.098min (+ 0.050) 0.48 ng/ul

response 504

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	61.40#
41.00	44.40	43.57
42.00	29.70	33.64

Quantitation Report (Qedit)

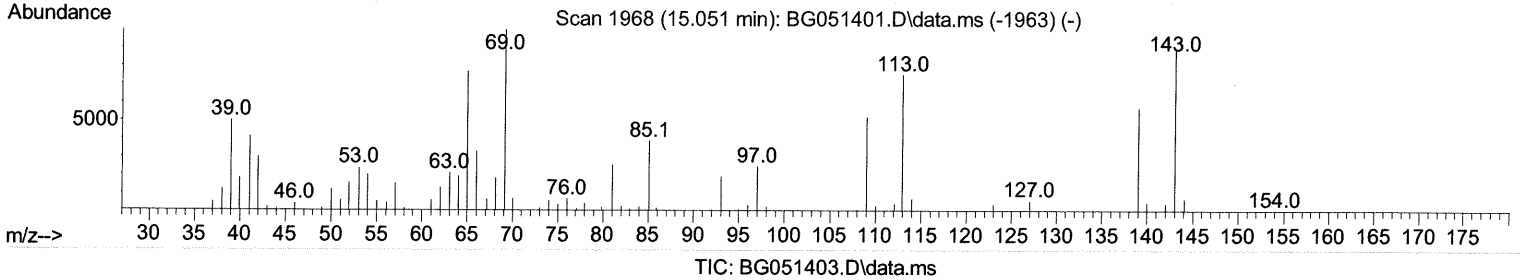
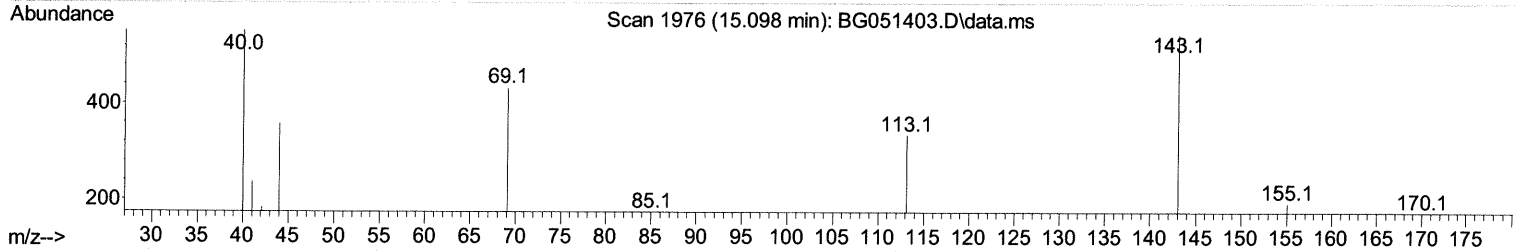
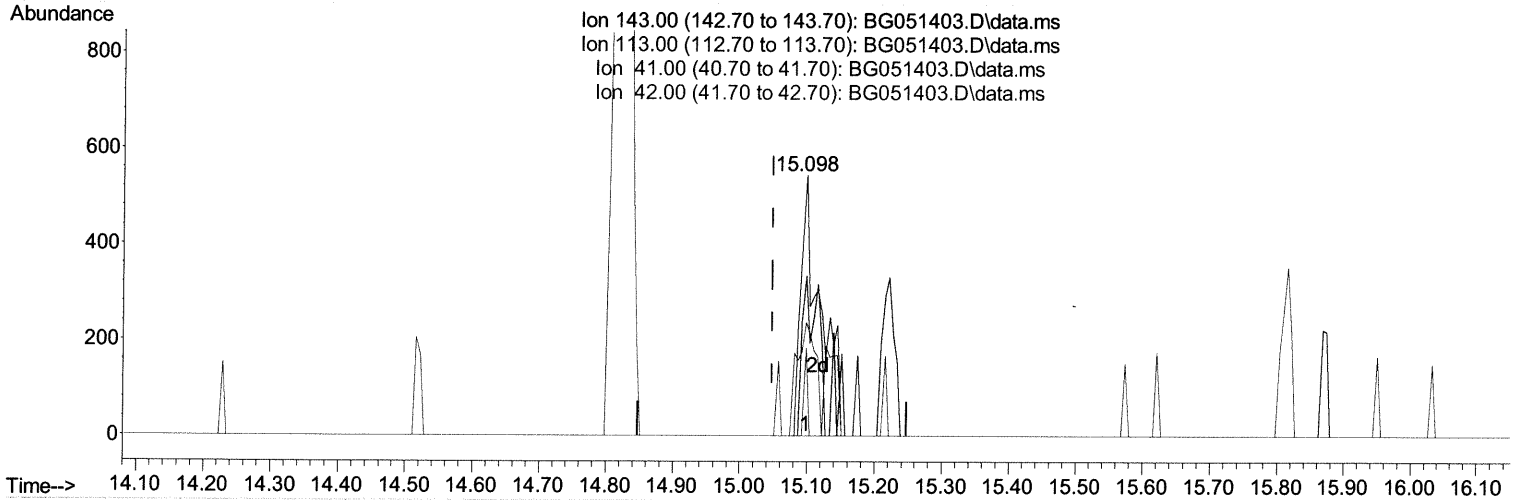
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 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

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



(54) 4-Nitrophenol-d4 (S)

15.098min (+ 0.050) 1.04 ng/ul m 12/11/21 JU

response 1096

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	61.40#
41.00	44.40	43.57
42.00	29.70	33.64

Quantitation Report (Qedit)

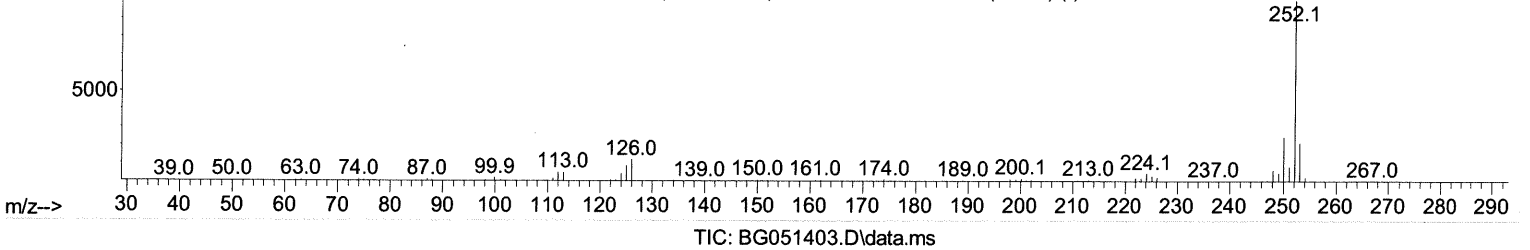
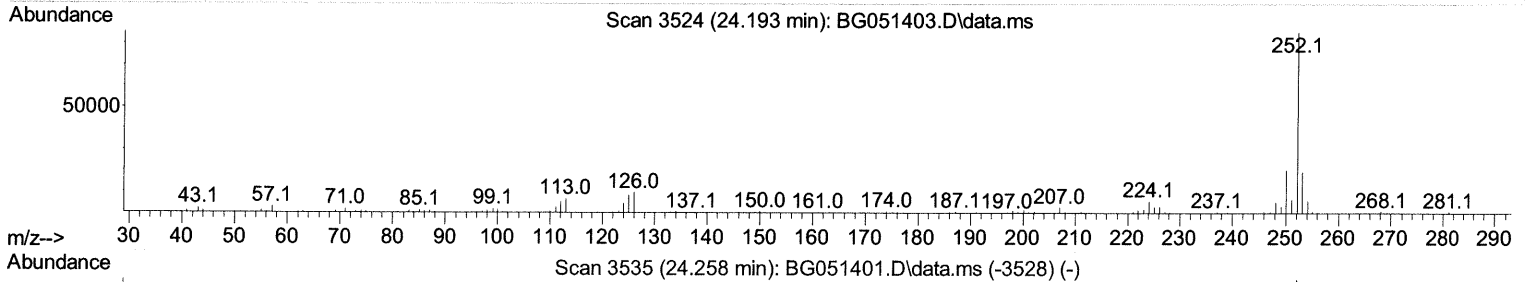
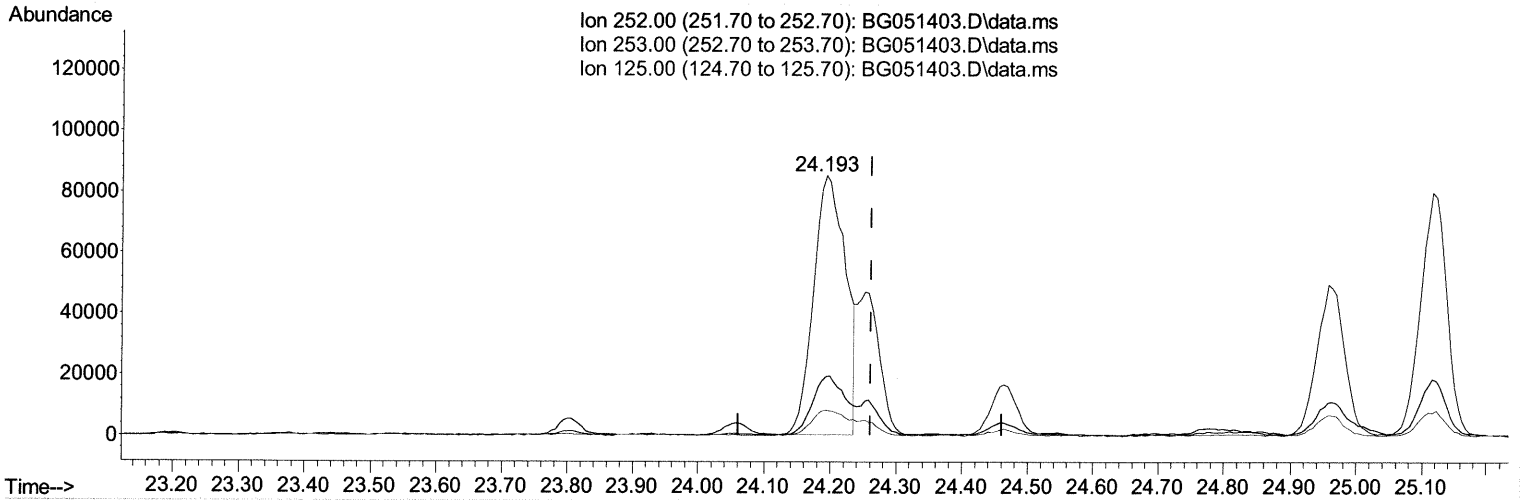
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 2021
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 Supervised By :mohammad ahmed 12/15/2021



TIC: BG051403.D\data.ms

(91) Benzo(k)fluoranthene

24.193min (-0.067) 28.17 ng/ul

response 287211

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.85
125.00	9.70	9.71
0.00	0.00	0.00

Quantitation Report (Qedit)

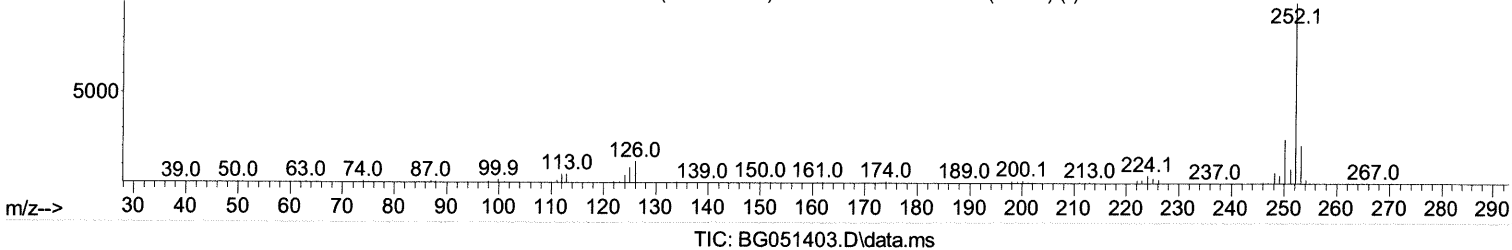
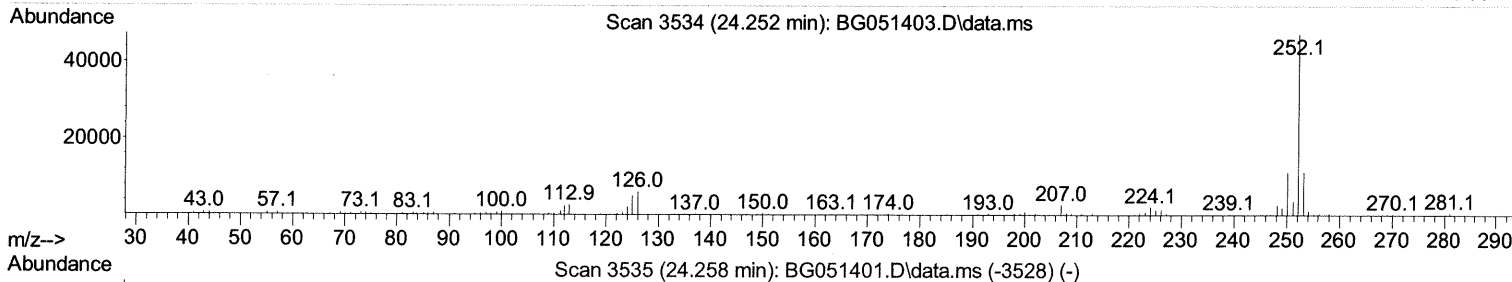
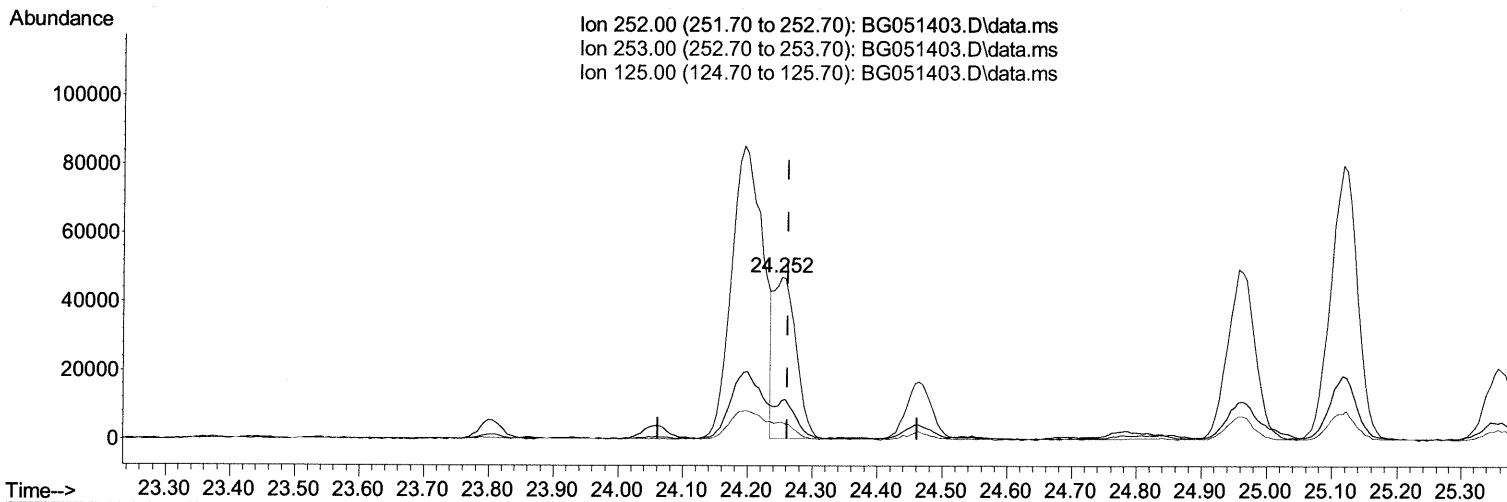
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 2021
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Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



TIC: BG051403.D\data.ms

(91) Benzo(k)fluoranthene

24.252min (-0.009) 10.94 ng/ul m 12/16/2134

response 111487

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	24.03
125.00	9.70	10.91
0.00	0.00	0.00

Quantitation Report (Qedit)

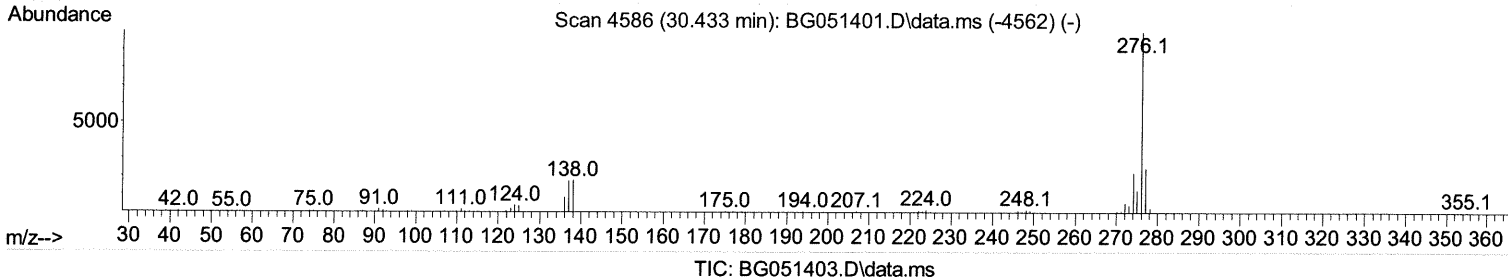
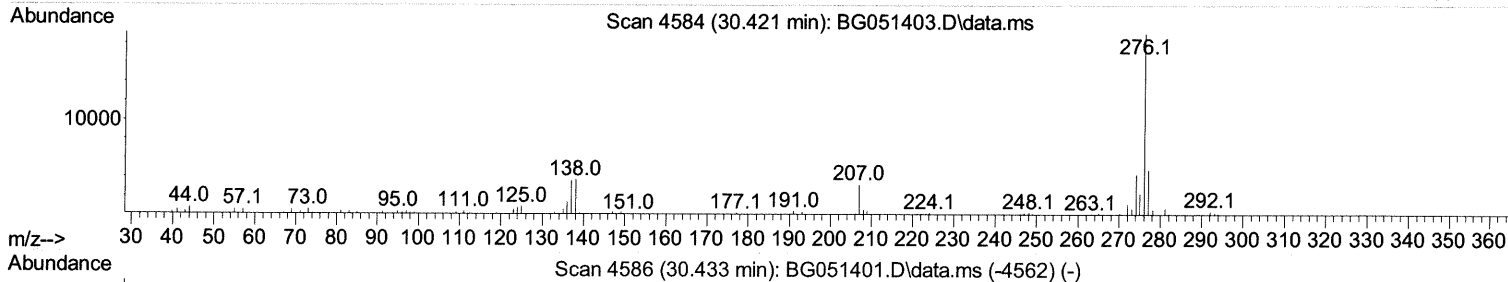
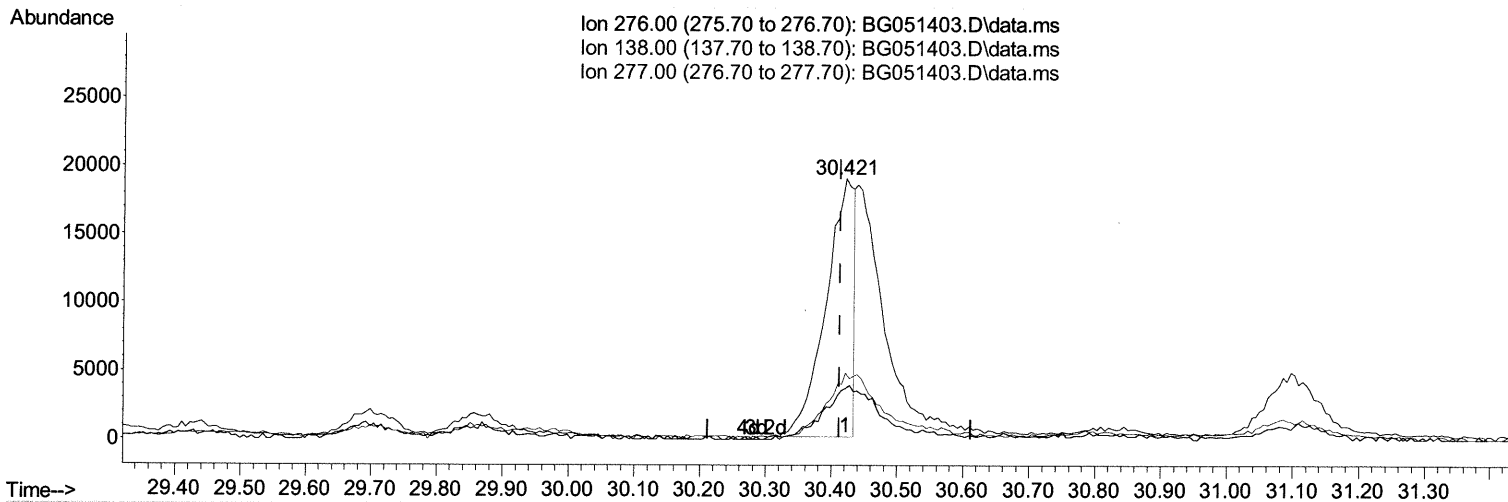
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:04:10 2021
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(96) Benzo(g,h,i)perylene

30.421min (+ 0.009) 5.78 ng/ul

response 56364

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	19.49
277.00	22.00	25.31
0.00	0.00	0.00

Quantitation Report (Qedit)

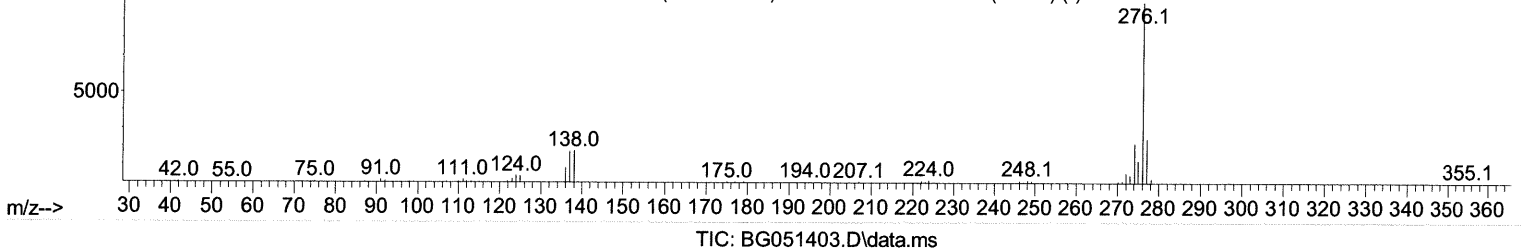
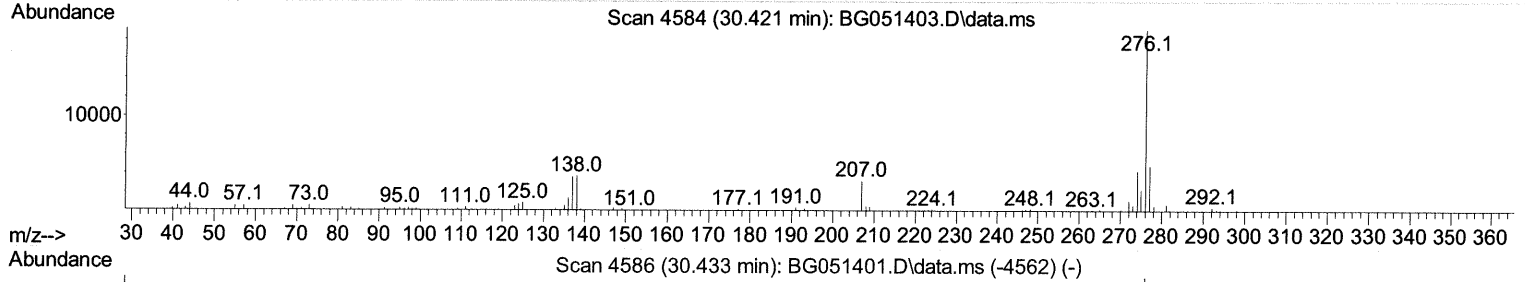
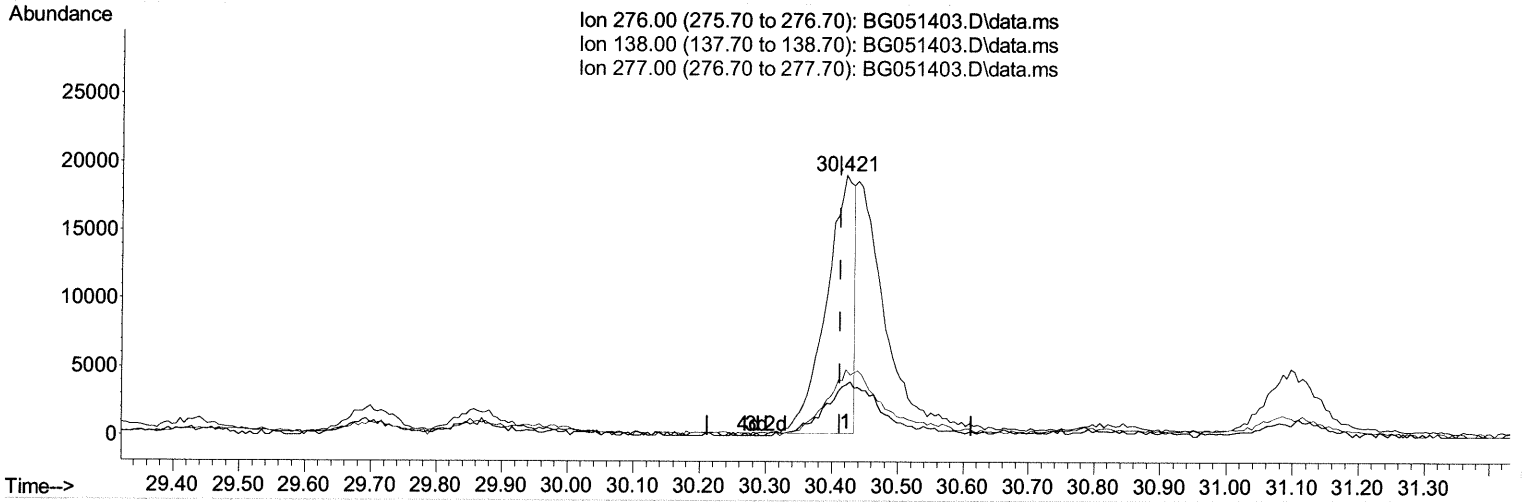
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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 Supervised By :mohammad ahmed 12/15/2021



TIC: BG051403.D\data.ms

(96) Benzo(g,h,i)perylene

30.421min (+ 0.009) 5.78 ng/ul

response 56364

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	19.49
277.00	22.00	25.31
0.00	0.00	0.00

Quantitation Report (Qedit)

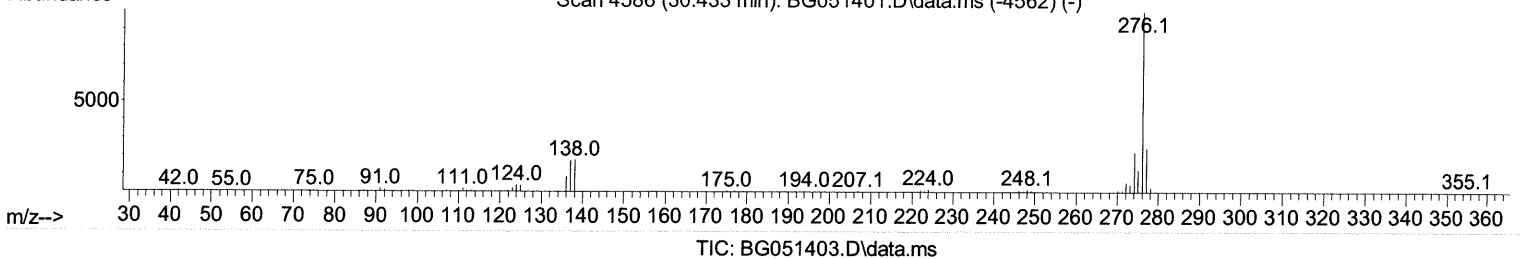
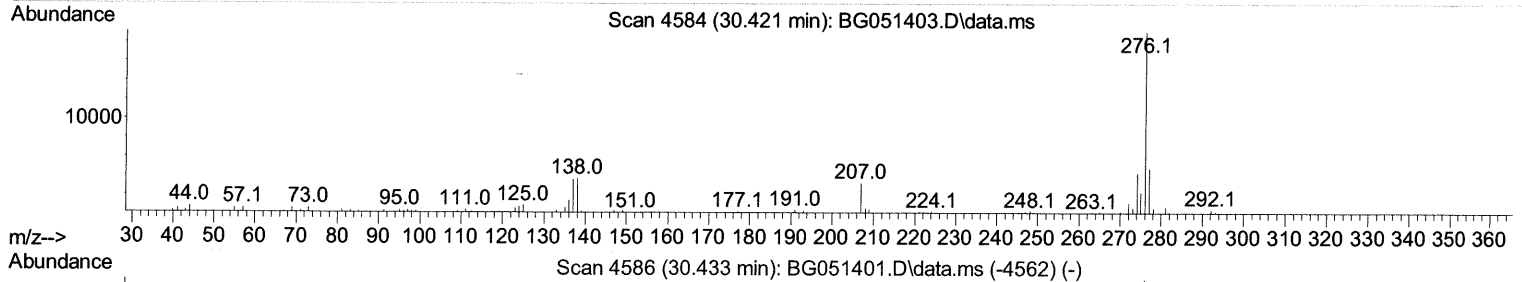
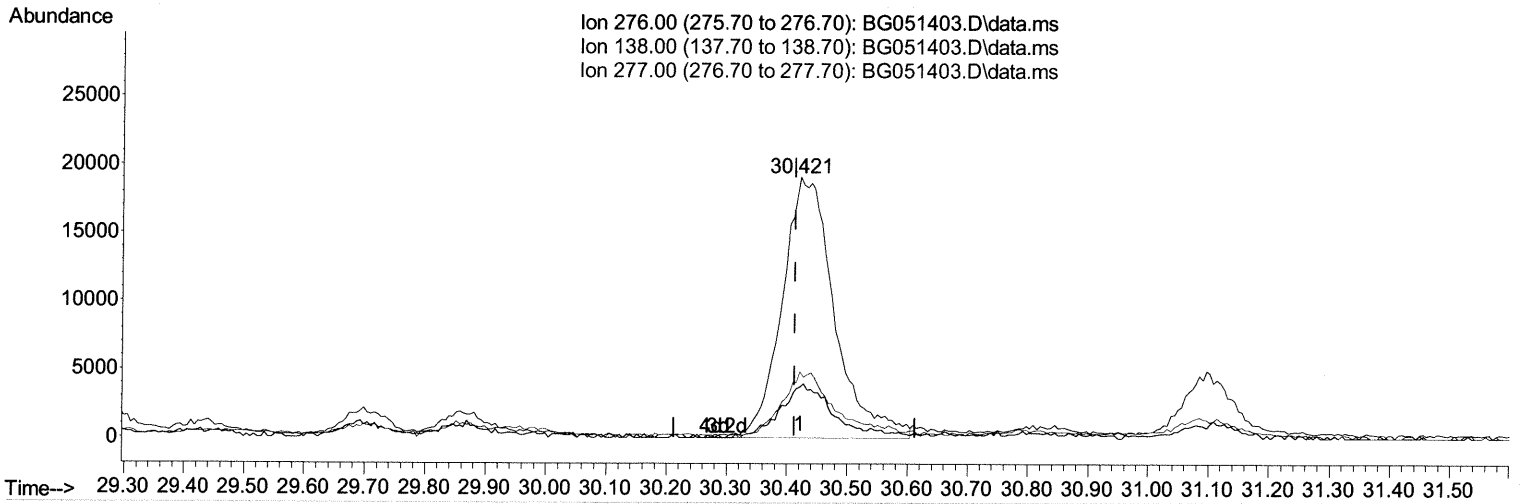
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



(96) Benzo(g,h,i)perylene

30.421min (+ 0.009) 11.81 ng/ul m 12/11/2021

response 115210

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	19.49
277.00	22.00	25.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051403.D
 Acq On : 8 Dec 2021 11:02
 Operator : CG/JU
 Sample : M4960-01 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 04:04:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	30042	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.020	136	131260	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	85010	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.577	188	181767	20.000	ng/ul	0.00
79) Chrysene-d12	21.878	240	158319	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	160964	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
4) Pyridine-d5	3.993	84	1807m >	0.712	ng/ul >	0.01 12/16/21 JU
7) Phenol-d5	7.366	99	5563	1.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	3276	1.757	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	3937	1.841	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	4287m >	1.789	ng/ul >	0.00 12/16/21 JU
21) Nitrobenzene-d5	9.375	128	1795	1.620	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	2021	1.617	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.668	165	4077	1.923	ng/ul	0.01
31) 4-Chloroaniline-d4	11.173	131	4376	1.410	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	15569	2.380	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	19780	2.398	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	1096m >	1.035	ng/ul >	0.05 12/16/21 JU
60) Fluorene-d10	15.815	176	14166	2.405	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.671	188	23996	2.760	ng/ul	0.00
81) Pyrene-d10	19.951	212	25991	2.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.045	264	22368	2.602	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.067	128	7204	1.009	ng/ul#	94
50) Acenaphthylene	14.557	152	10200m >	1.252	ng/ul >	12/16/21 JU
52) Acenaphthene	14.886	153	8300	1.544	ng/ul	97
61) Fluorene	15.874	166	12512	2.015	ng/ul	95
72) Phenanthrene	17.619	178	261358	26.042	ng/ul	100
74) Anthracene	17.707	178	74416	7.466	ng/ul	98
77) Carbazole	17.983	167	15632	1.787	ng/ul	96
80) Fluoranthene	19.622	202	552708	46.976	ng/ul	97
82) Pyrene	19.986	202	510353	44.343	ng/ul	97
85) Benzo(a)anthracene	21.855	228	277392	25.833	ng/ul	99
87) Chrysene	21.925	228	249390	24.176	ng/ul	98
90) Benzo(b)fluoranthene	24.193	252	287211	26.440	ng/ul	98
91) Benzo(k)fluoranthene	24.252	252	111487m >	10.937	ng/ul >	12/16/21 JU
93) Benzo(a)pyrene	25.116	252	225764	21.785	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.199	276	142388	12.278	ng/ul	97
95) Dibenzo(a,h)anthracene	29.228	278	35767	3.635	ng/ul	93
96) Benzo(g,h,i)perylene	30.421	276	115210m >	11.808	ng/ul >	12/16/21 JU

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