

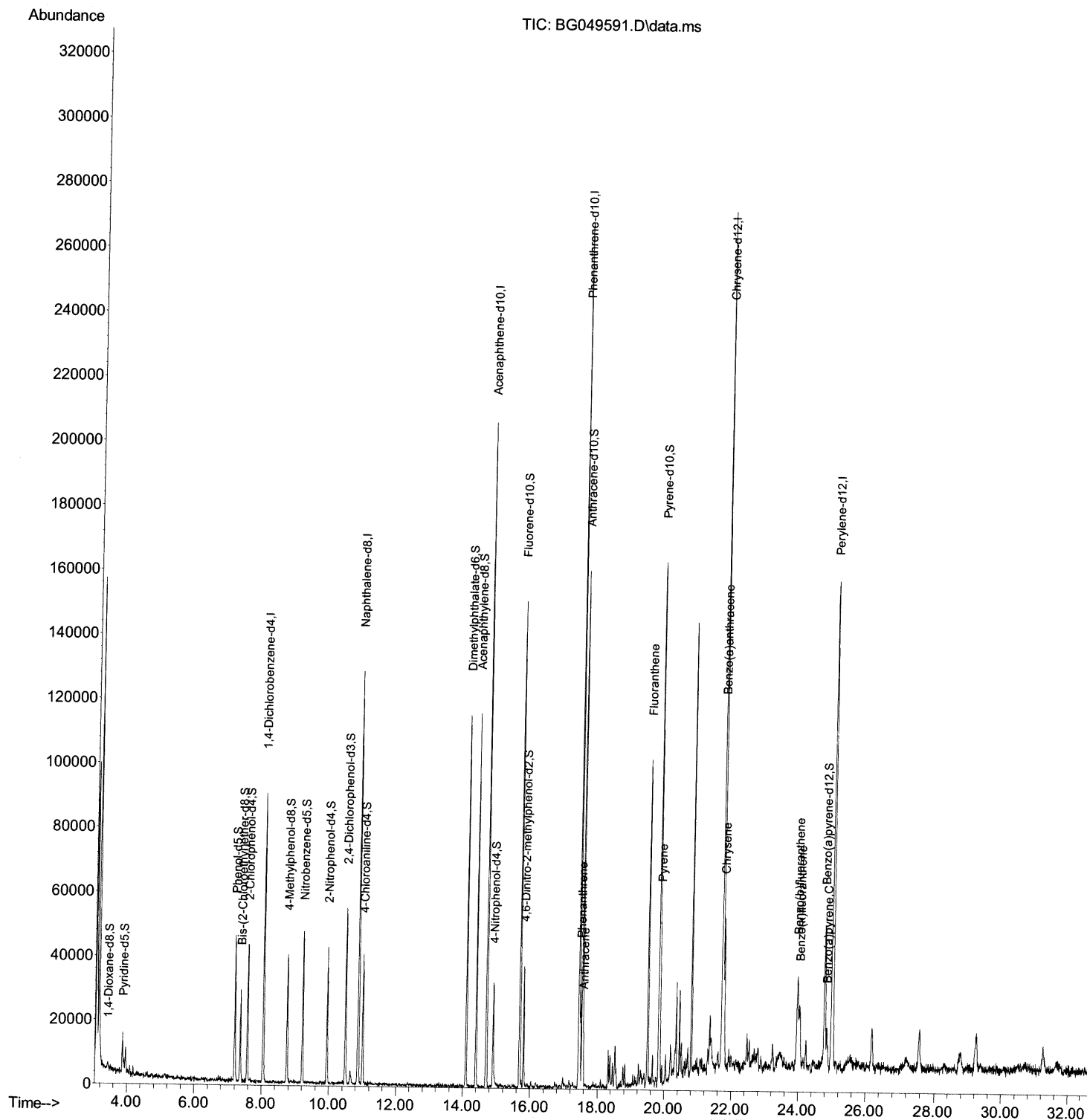
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049591.D
Acq On : 31 Jul 2021 00:33
Operator : CG/JU
Sample : M3122-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGER2

Manual Integrations
APPROVED

mohammad
8/2/2021 3:46:06 PM

Quant Time: Jul 31 03:37:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
Qlast Update : Sat Jul 31 02:14:57 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

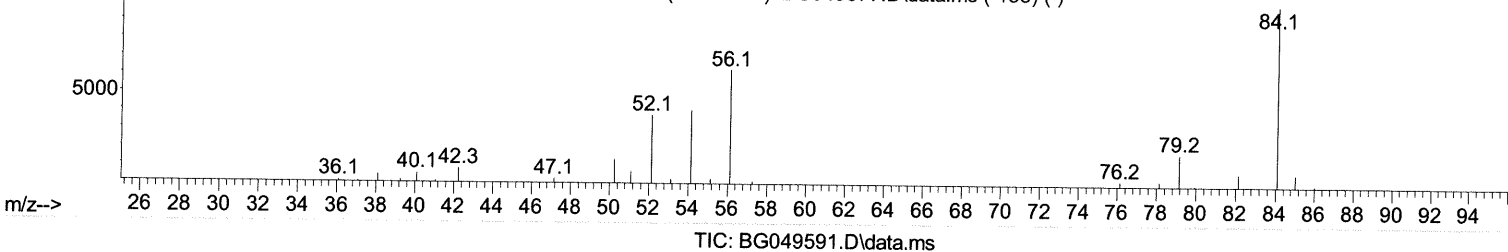
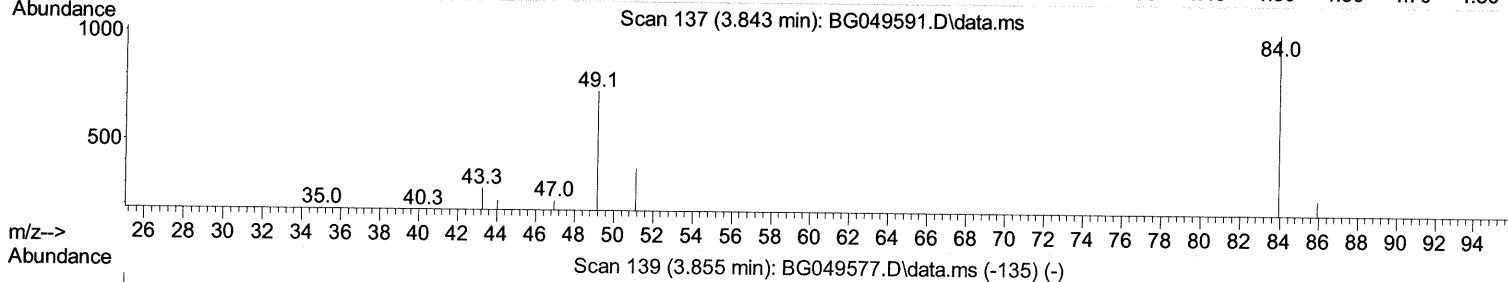
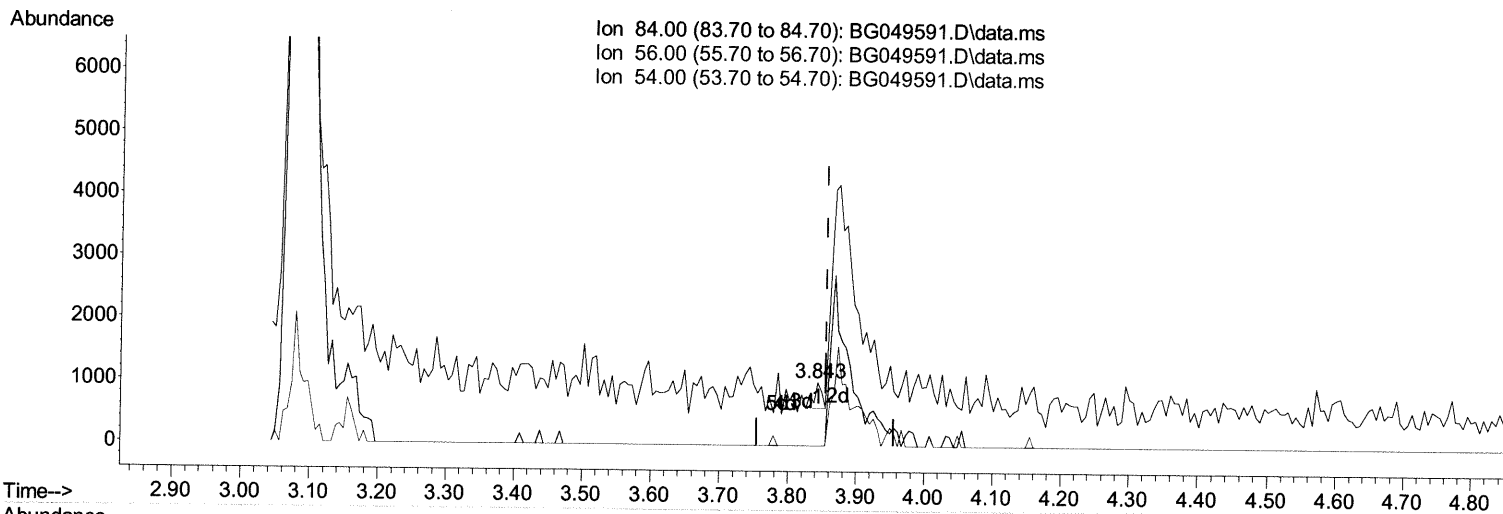
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
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(4) Pyridine-d5 (S)

3.843min (-0.012) 0.24 ng/ul

response 355

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	0.00#
54.00	34.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

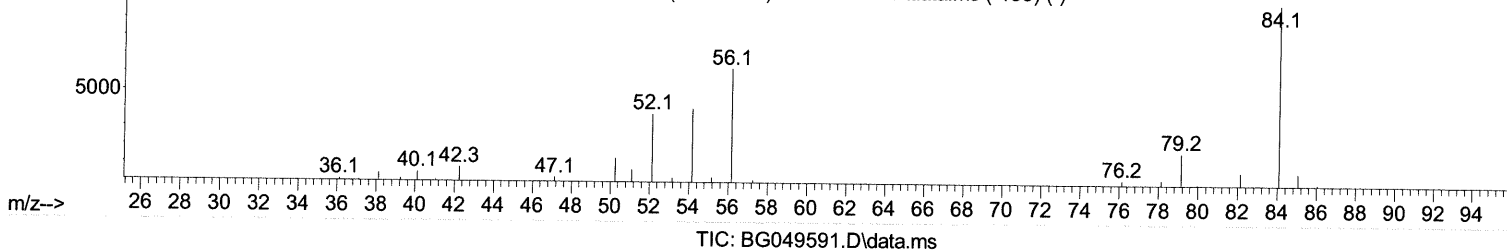
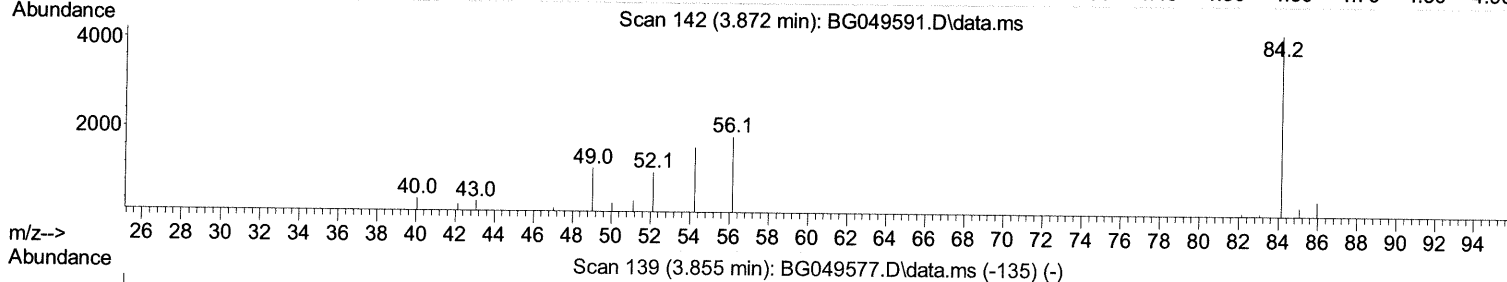
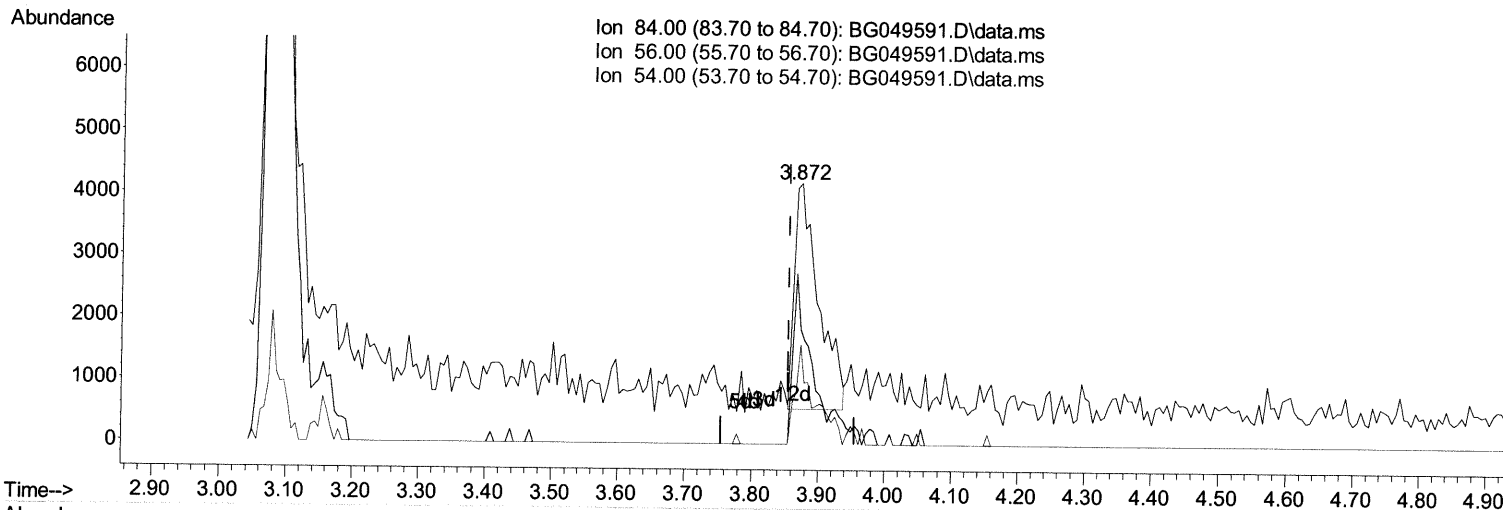
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
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(4) Pyridine-d5 (S)

3.872min (+ 0.017) 6.22 ng/ul m 08/03/21 JU

response 9233

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	43.89#
54.00	34.10	38.07
0.00	0.00	0.00

Quantitation Report (Qedit)

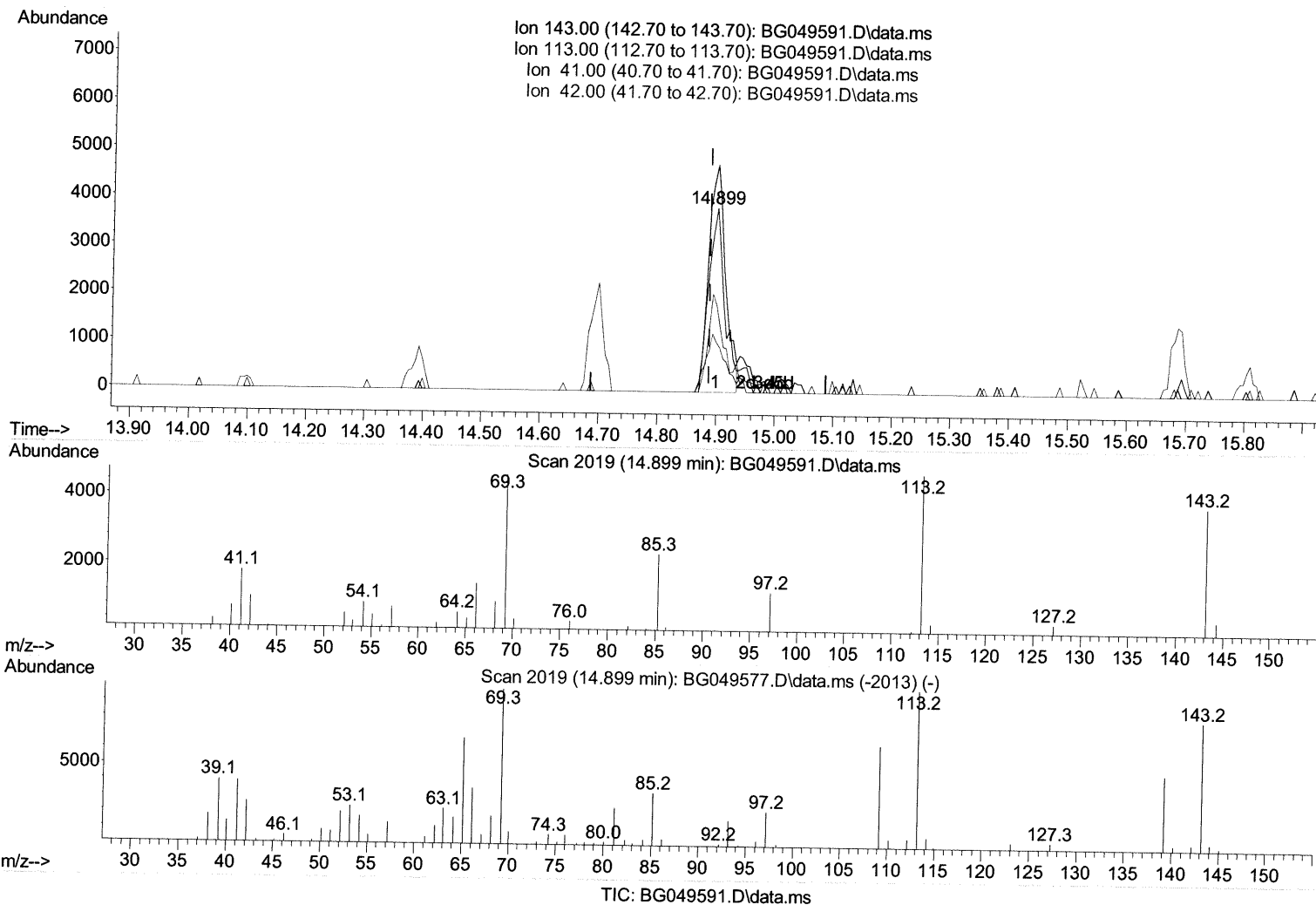
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049591.D
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(54) 4-Nitrophenol-d4 (S)

14.899min (+ 0.011) 7.73 ng/ul

response 7257

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	123.42
41.00	48.90	47.05
42.00	40.70	27.00#

Quantitation Report (Qedit)

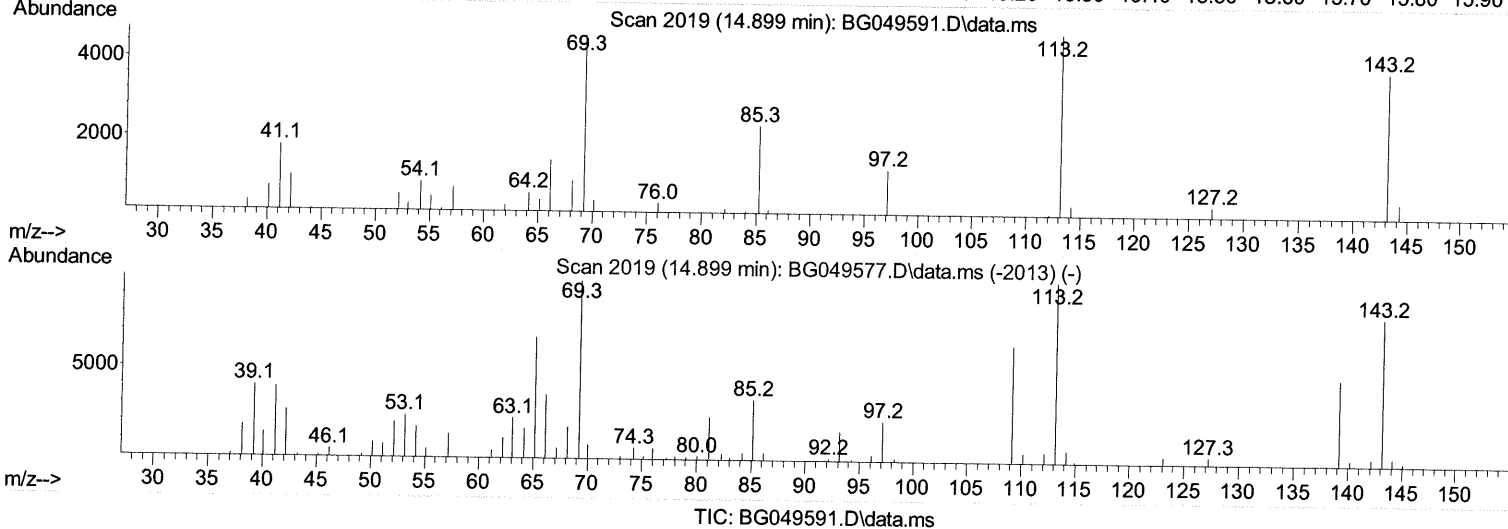
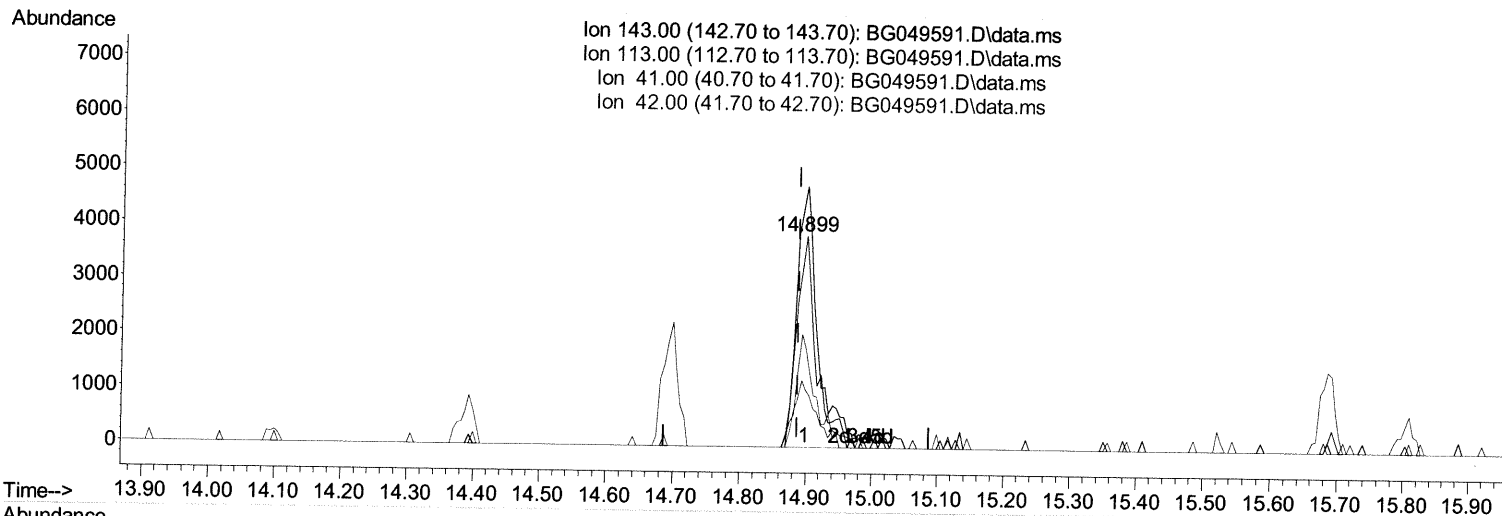
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049591.D
 Acq On : 31 Jul 2021 00:33
 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(54) 4-Nitrophenol-d4 (S)

14.899min (+ 0.011) 8.38 ng/ul m 08/03/21 JU

response 7872

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	123.42
41.00	48.90	47.05
42.00	40.70	27.00#

Quantitation Report (Qedit)

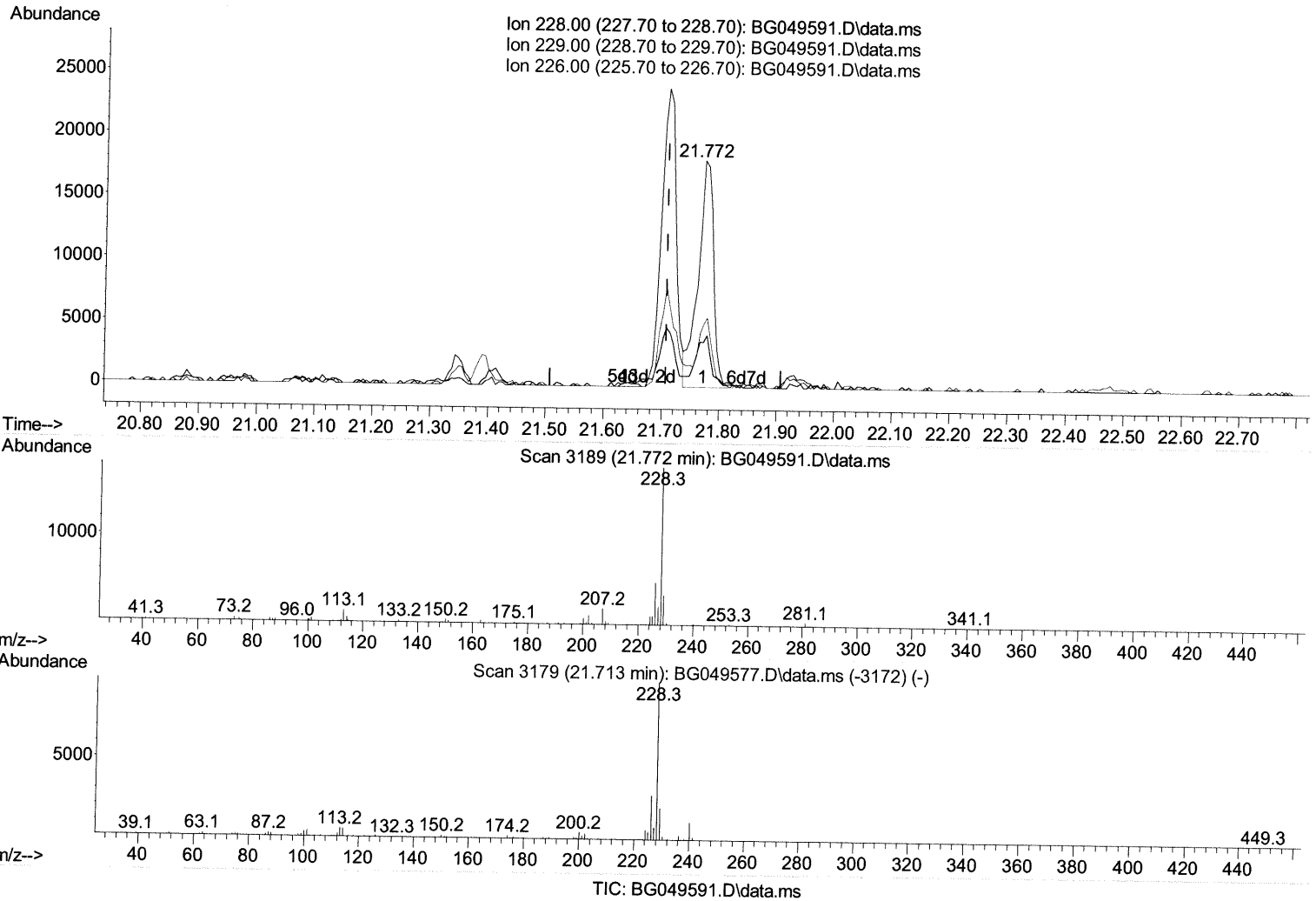
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
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 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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(85) Benzo(a)anthracene

21.772min (+ 0.064) 3.58 ng/ul

response 33682

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	19.81
226.00	26.40	27.52
0.00	0.00	0.00

Quantitation Report (Qedit)

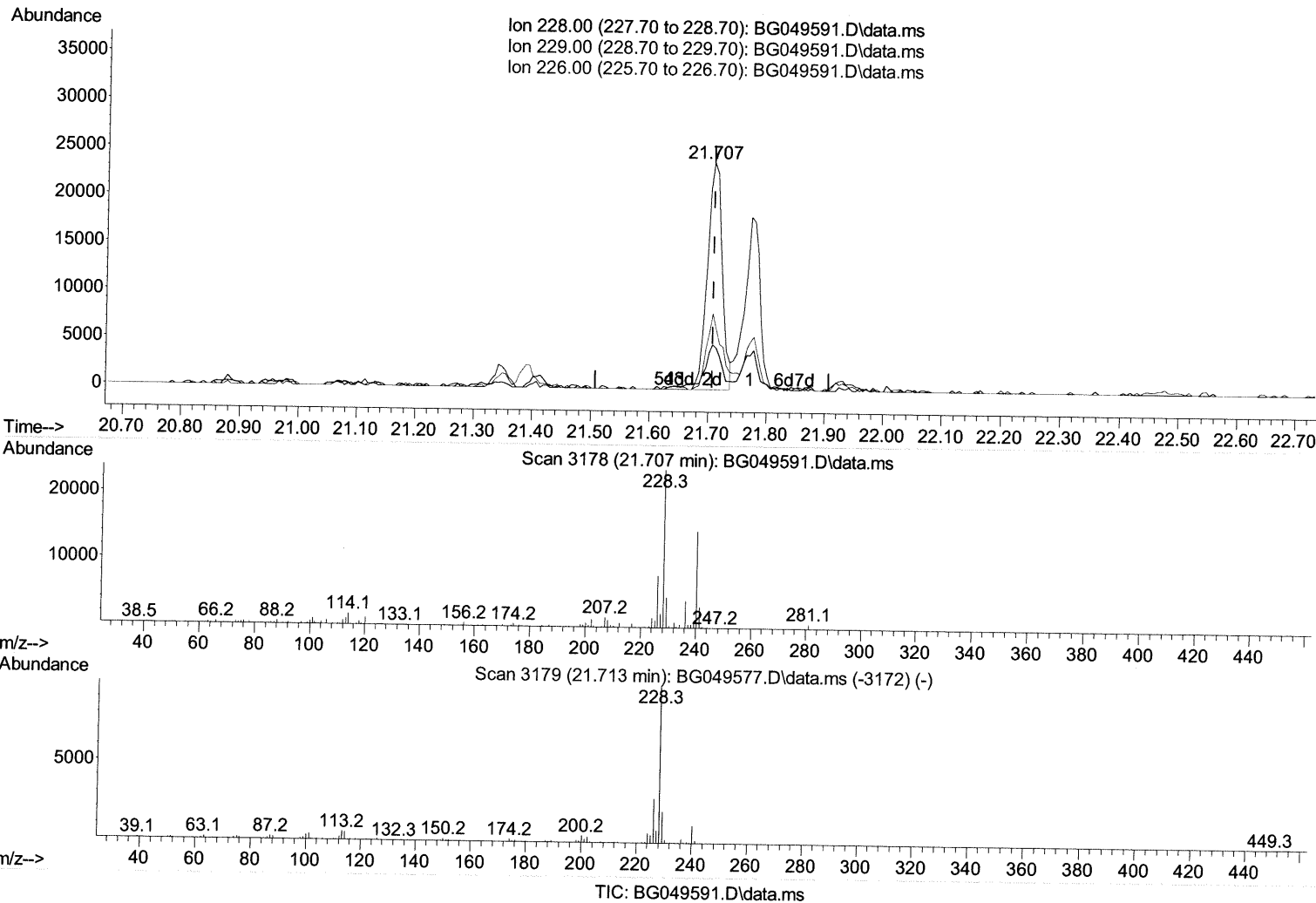
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049591.D
 Acq On : 31 Jul 2021 00:33
 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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(85) Benzo(a)anthracene

21.707min (-0.000) 4.48 ng/ul m 08/03/21 JU

response 42094

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	19.76
226.00	26.40	33.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

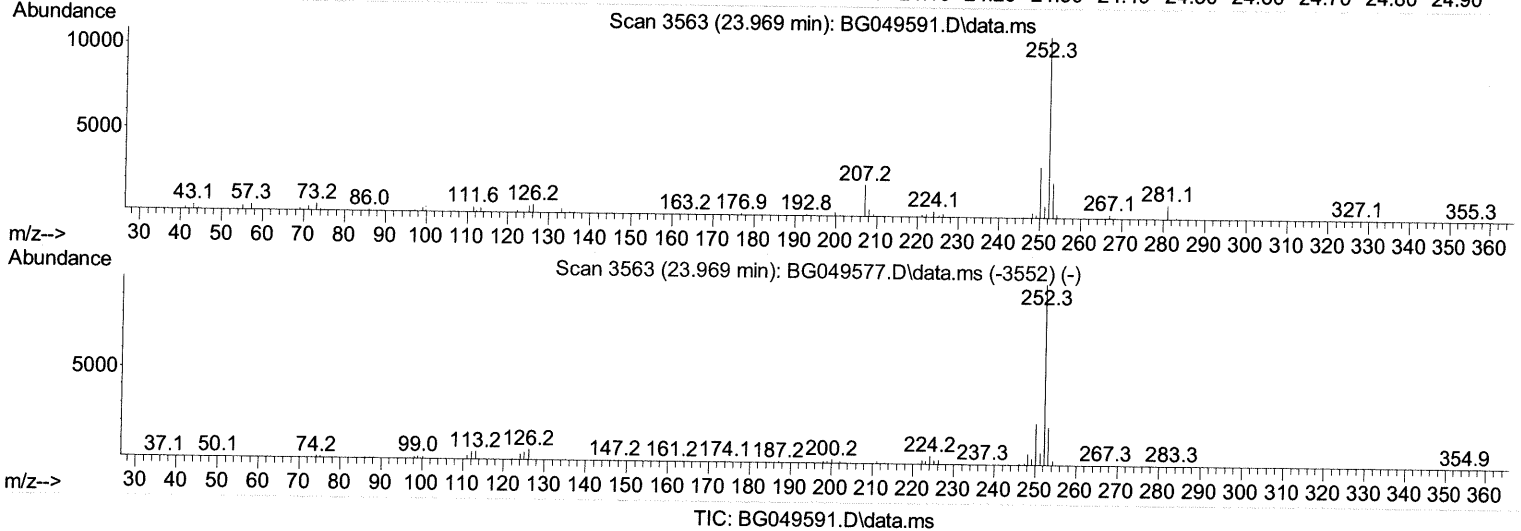
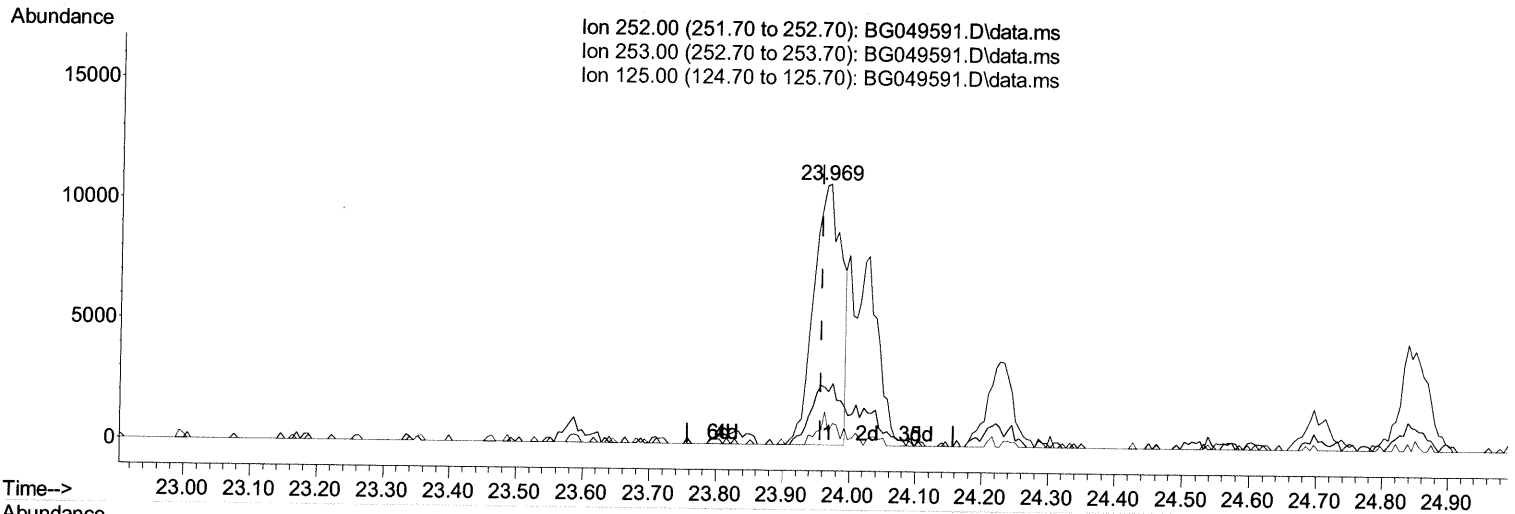
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049591.D
Acq On : 31 Jul 2021 00:33
Operator : CG/JU
Sample : M3122-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGER2

Manual Integrations
APPROVED

mohammad
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 31 02:14:57 2021
Response via : Initial Calibration



(90) Benzo(b)fluoranthene

23.969min (+ 0.011) 3.12 ng/ul

response 31481

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	20.41
125.00	5.60	4.93
0.00	0.00	0.00

Quantitation Report (Qedit)

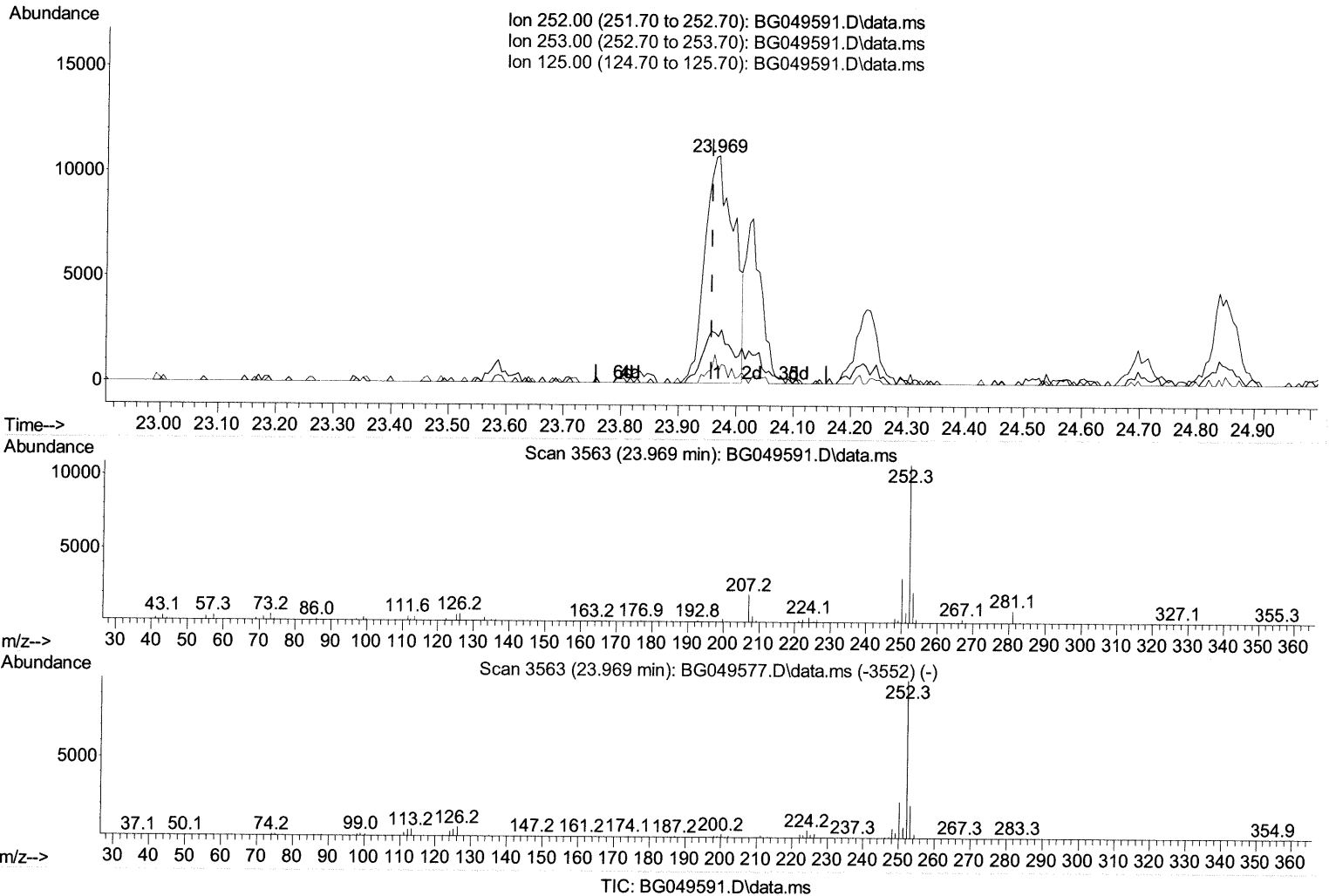
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049591.D
 Acq On : 31 Jul 2021 00:33
 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGER2

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:46:06 PM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 31 02:14:57 2021
 Response via : Initial Calibration



(90) Benzo(b)fluoranthene

23.969min (+ 0.011) 3.77 ng/ul m 08/03/21 JU

response 38015

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	20.41
125.00	5.60	4.93
0.00	0.00	0.00

Quantitation Report (Qedit)

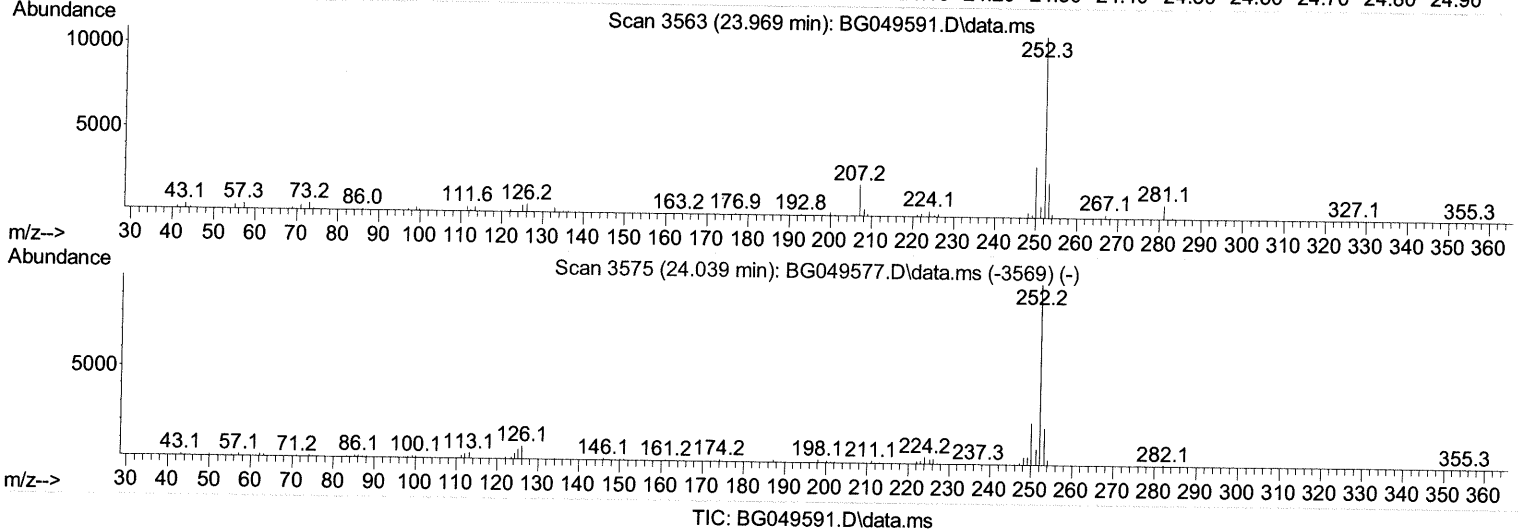
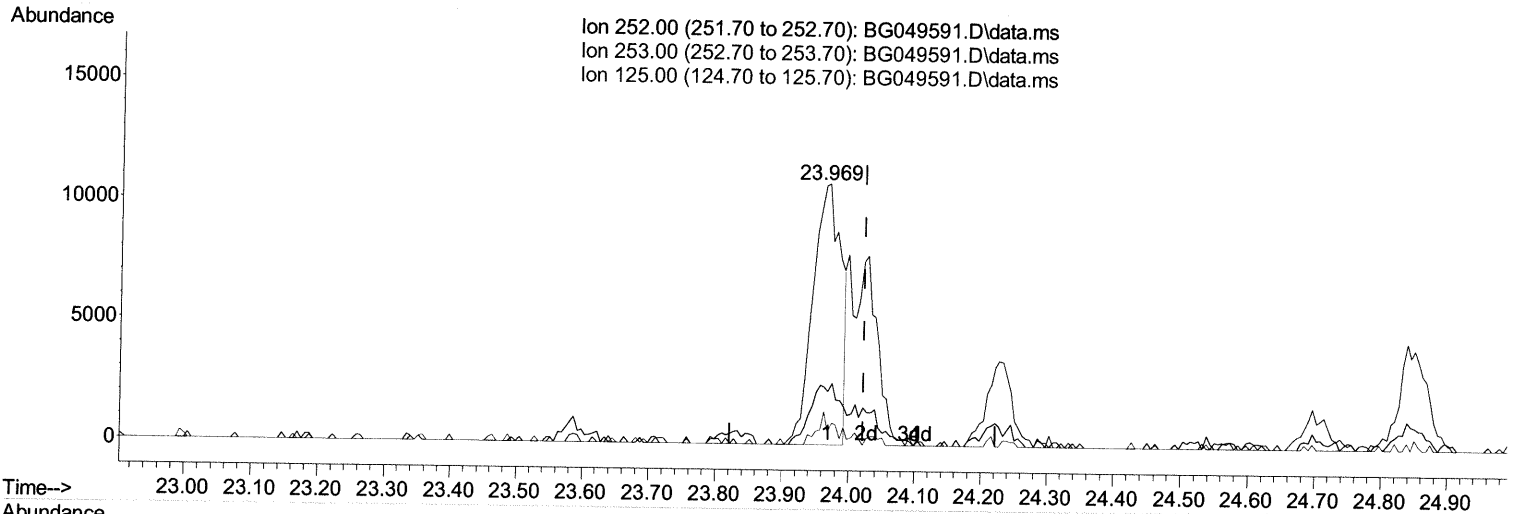
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049591.D
 Acq On : 31 Jul 2021 00:33
 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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mohammad
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

23.969min (-0.053) 3.19 ng/ul

response 31481

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	20.41
125.00	5.80	4.93
0.00	0.00	0.00

Quantitation Report (Qedit)

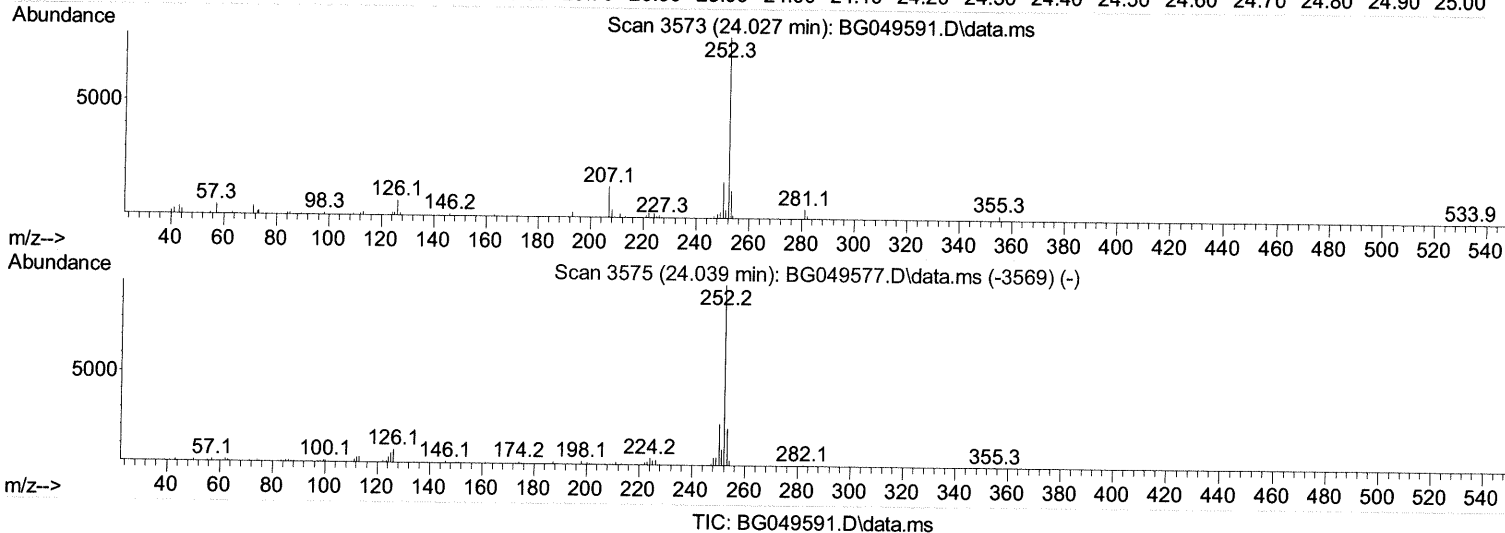
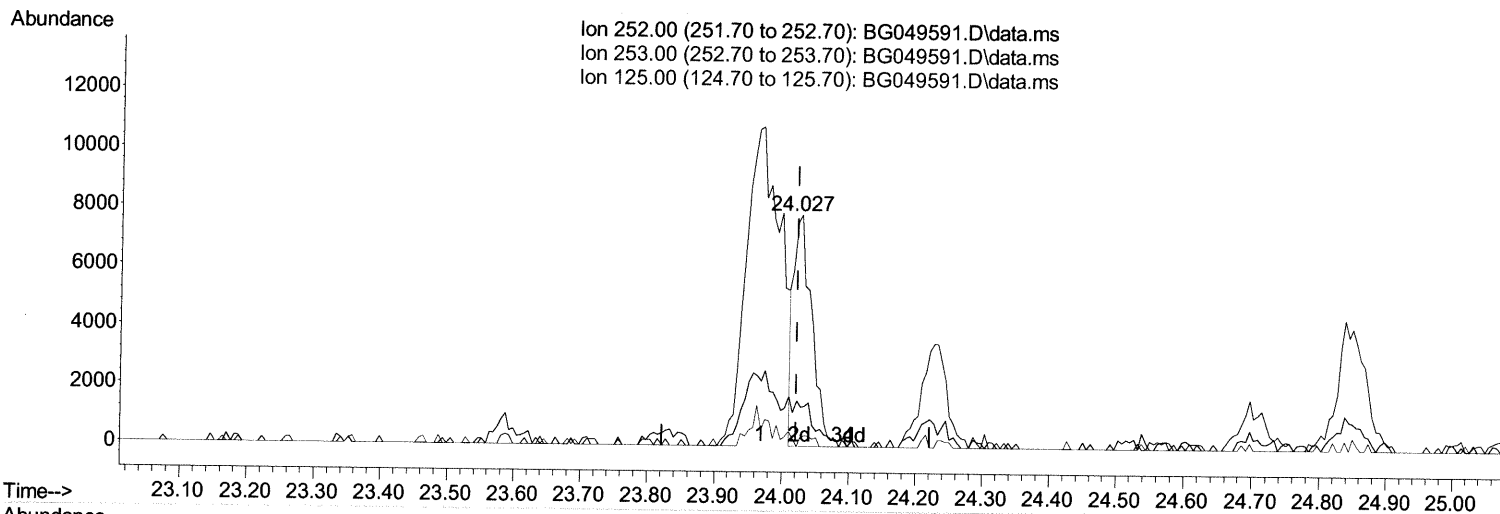
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049591.D
 Acq On : 31 Jul 2021 00:33
 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

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 8/2/2021 3:46:06 PM

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(91) Benzo(k) fluoranthene

24.027min (+ 0.005) 1.49 ng/ul m 08/03/21 JU

response 14717

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	17.02#
125.00	5.80	3.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

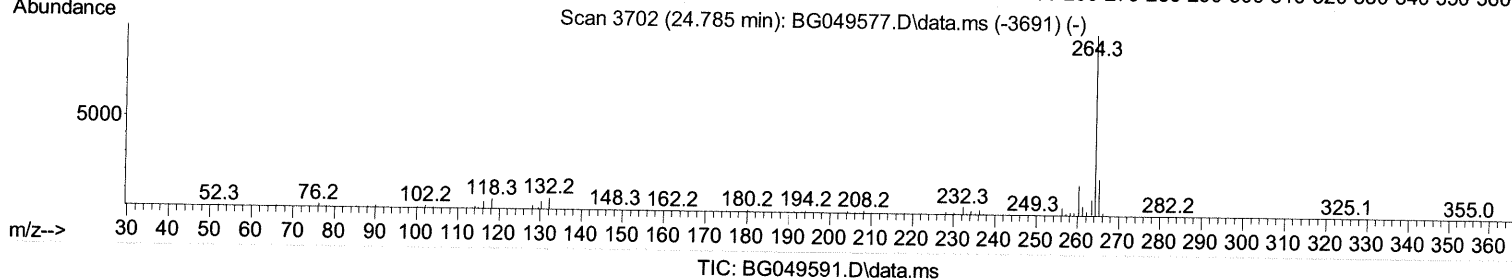
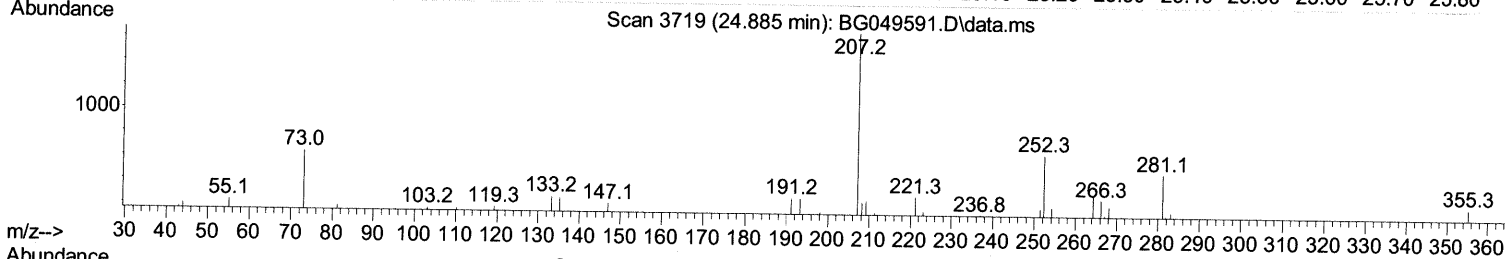
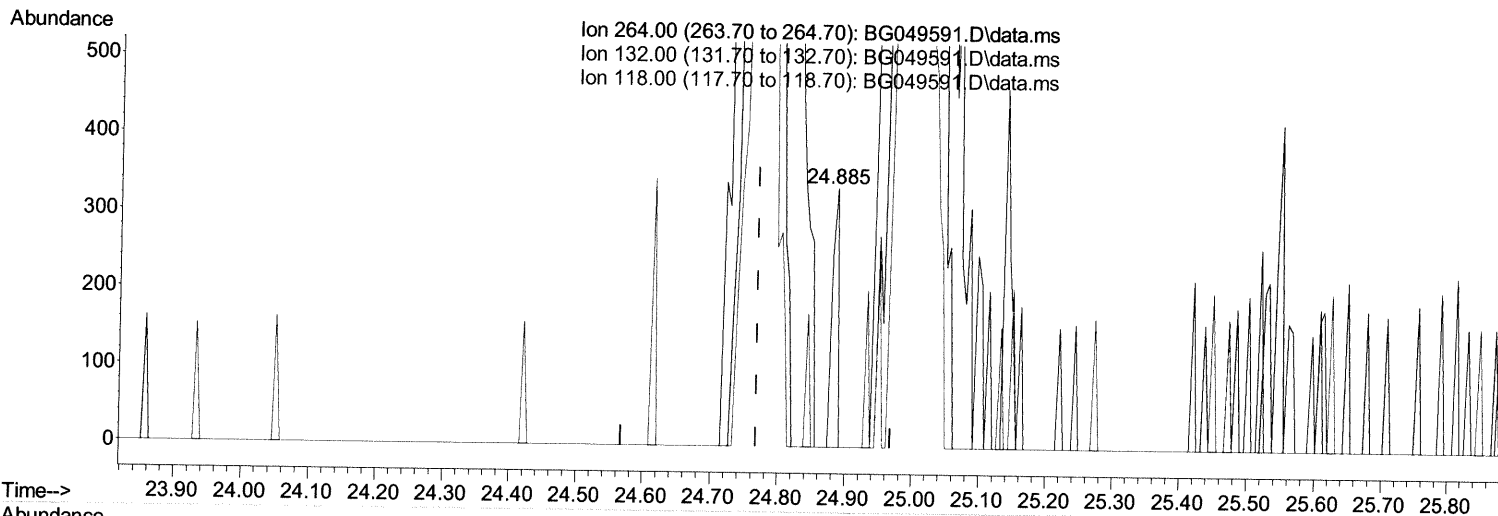
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 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(92) Benzo(a)pyrene-d12 (S)

24.885min (+ 0.117) 0.02 ng/ul

response 205

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	6.40	0.00#
118.00	5.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

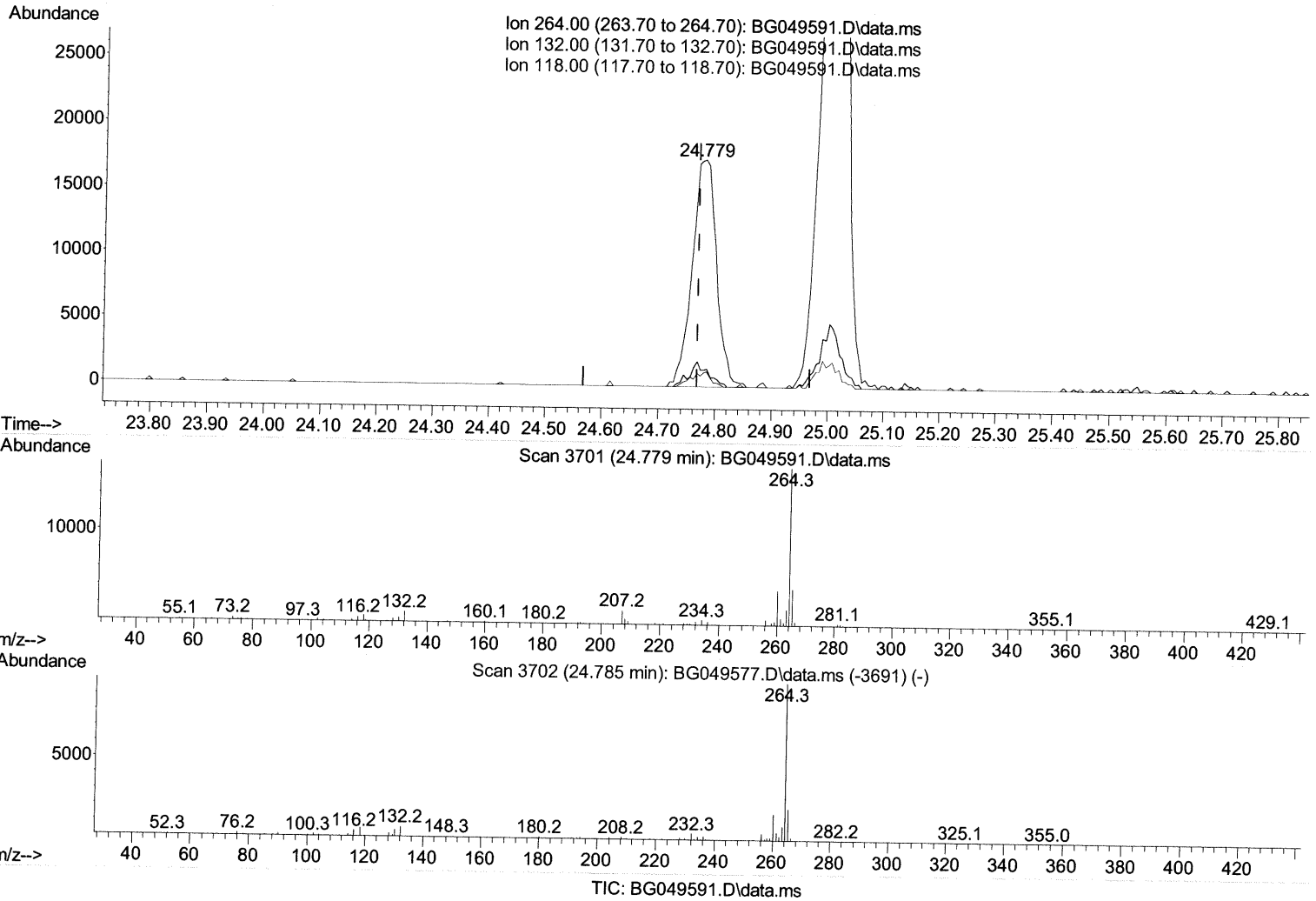
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(92) Benzo(a)pyrene-d12 (S)

24.779min (+ 0.011) 6.09 ng/ul m 08/03/21JU

response 51546

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	6.40	7.21
118.00	5.60	4.49
0.00	0.00	0.00

Quantitation Report (Qedit)

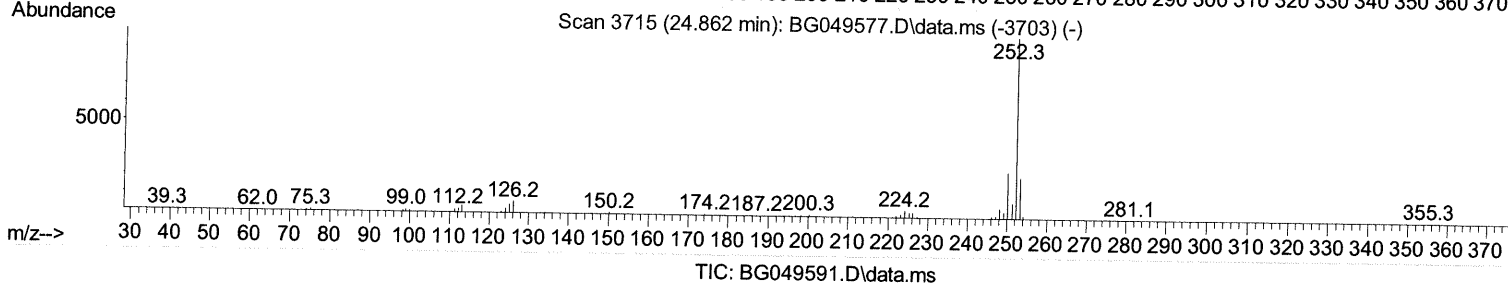
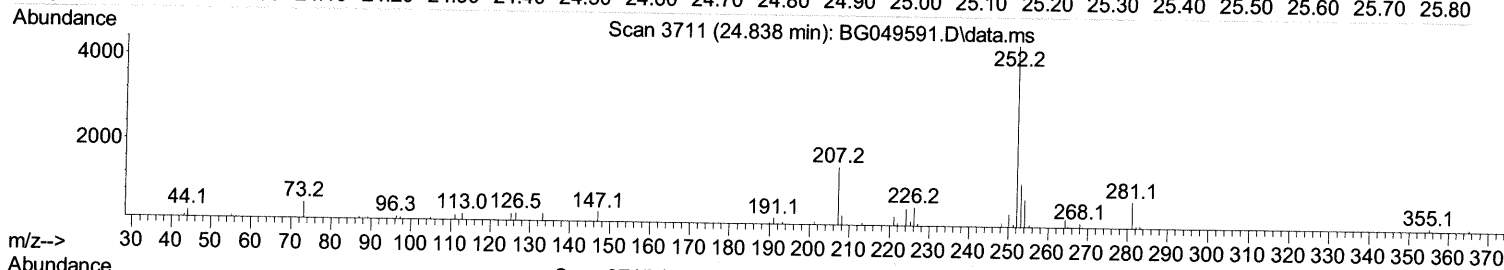
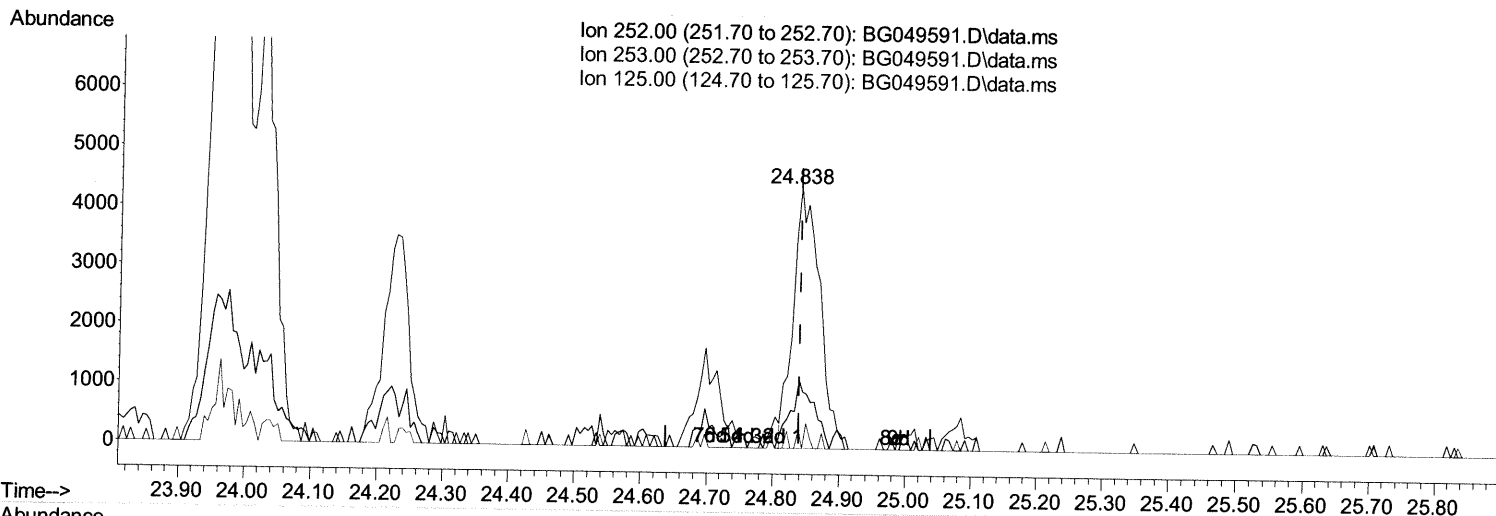
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Data File : BG049591.D
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(93) Benzo(a)pyrene (C)

24.838min (-0.000) 1.39 ng/ul

response 12182

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	26.42#
125.00	5.70	6.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

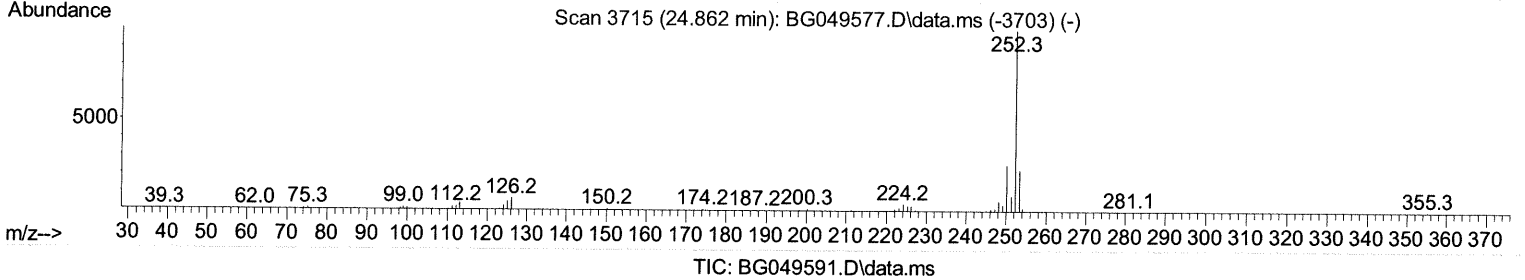
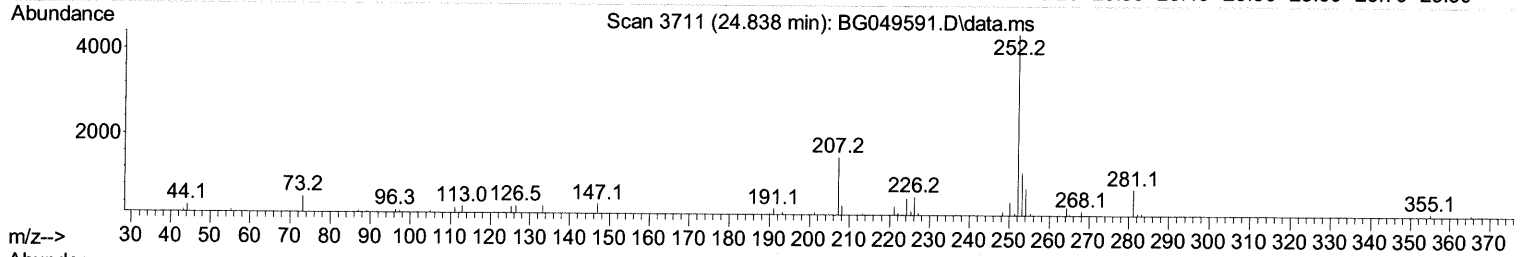
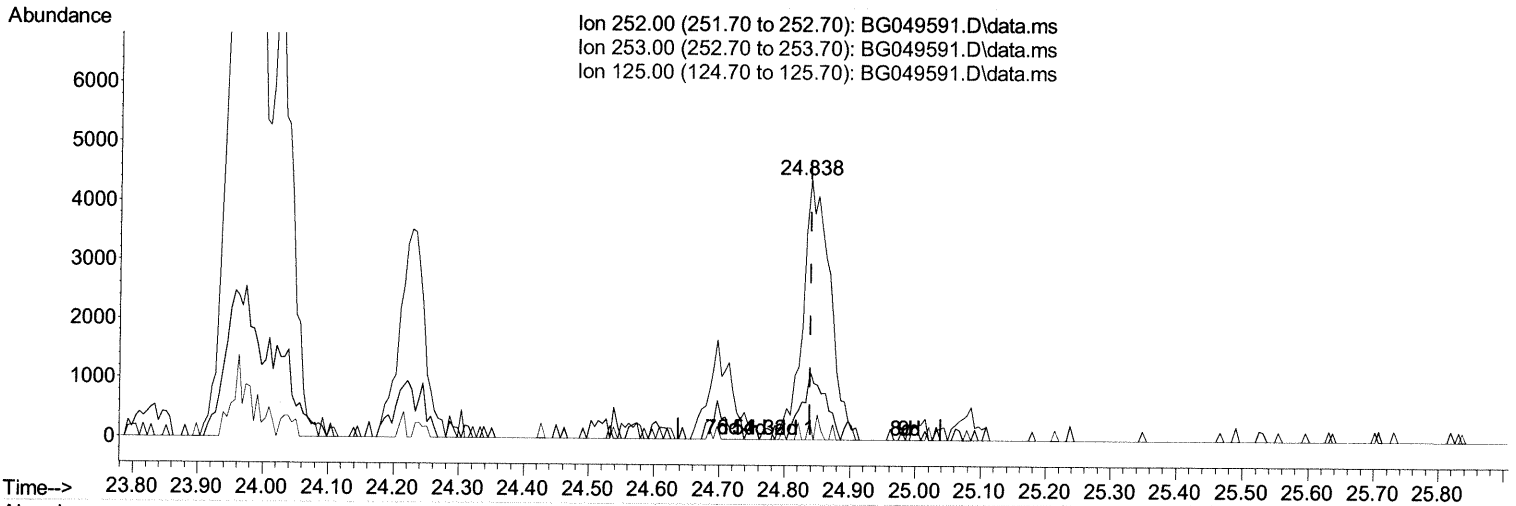
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(93) Benzo(a)pyrene (C)

24.838min (-0.000) 1.46 ng/ul m 08/03/21 JU

response 12765

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	26.42#
125.00	5.70	6.94#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	23647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	105115	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	74467	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	163396	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	153808	20.000	ng/ul	# 0.00
88) Perylene-d12	25.003	264	160934	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	1286	2.488	ng/ul	-0.01
4) Pyridine-d5	3.872	84	9233m	6.219	ng/ul	> 0.02 08/03/21 JU
7) Phenol-d5	7.203	99	25083	11.989	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	14557	12.285	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	17716	11.813	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	15465	9.807	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	10829	13.400	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	10602	11.195	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	19085	11.081	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	21375	8.905	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	69649	12.210	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	85532	12.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	7872m	8.380	ng/ul	> 0.01 08/03/21 JU
60) Fluorene-d10	15.686	176	61579	12.531	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	7884	7.787	ng/ul	0.00
73) Anthracene-d10	17.548	188	93609	12.327	ng/ul	0.00
81) Pyrene-d10	19.833	212	82777	10.525	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	51546m	6.094	ng/ul	> 0.01 08/03/21 JU
Target Compounds						
					Qvalue	
72) Phenanthrene	17.489	178	21593	2.538	ng/ul	94
74) Anthracene	17.583	178	11192	1.298	ng/ul	95
80) Fluoranthene	19.498	202	65066	6.814	ng/ul#	96
82) Pyrene	19.862	202	32657	3.444	ng/ul#	95
85) Benzo(a)anthracene	21.707	228	42094m	4.476	ng/ul	> 08/03/21 JU
87) Chrysene	21.772	228	33682	3.742	ng/ul	95
90) Benzo(b)fluoranthene	23.969	252	38015m	3.769	ng/ul	} 08/03/21 JU
91) Benzo(k)fluoranthene	24.027	252	14717m	1.491	ng/ul	
93) Benzo(a)pyrene	24.838	252	12765m	1.459	ng/ul	

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