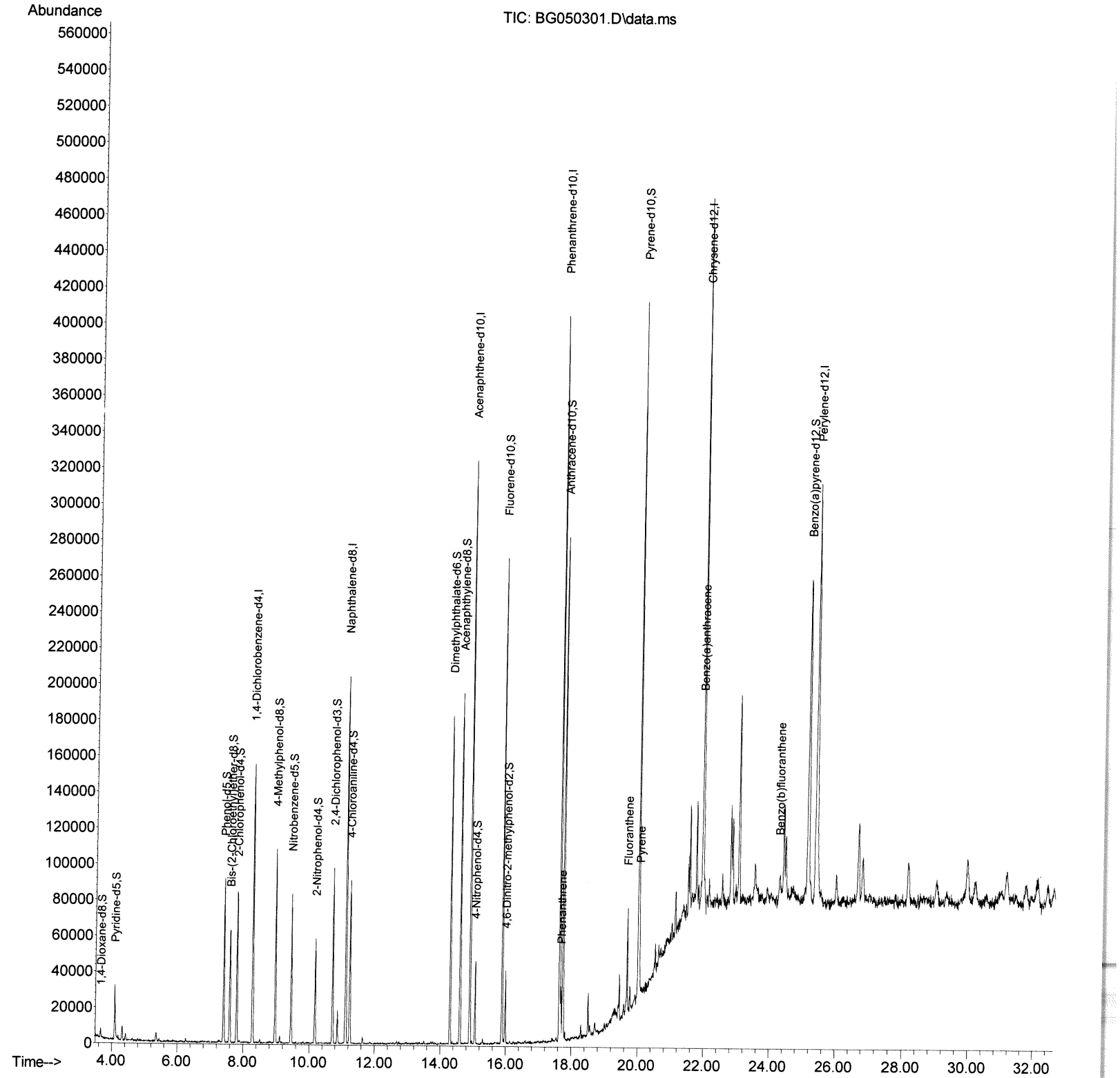
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050301.D
Acq On : 29 Sep 2021 1:48
Operator : CG/JU
Sample : M3755-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 29 03:23:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AH9

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:43 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050301.D
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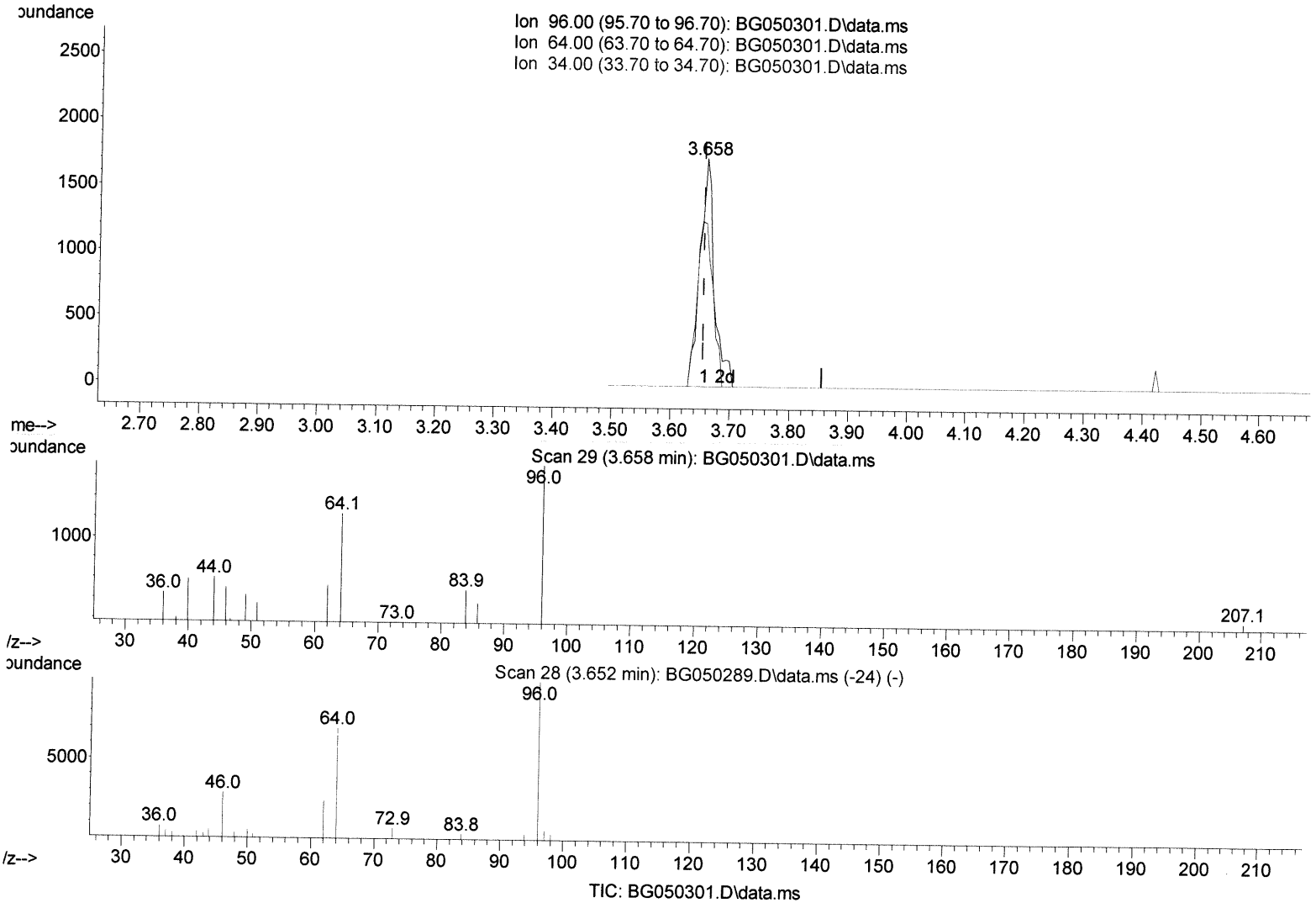
Manual Integrations APPROVED
mohammad
9/29/2021 12:53:43 PM



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

3.658min (+ 0.003) 3.23 ng/uL

response 2816

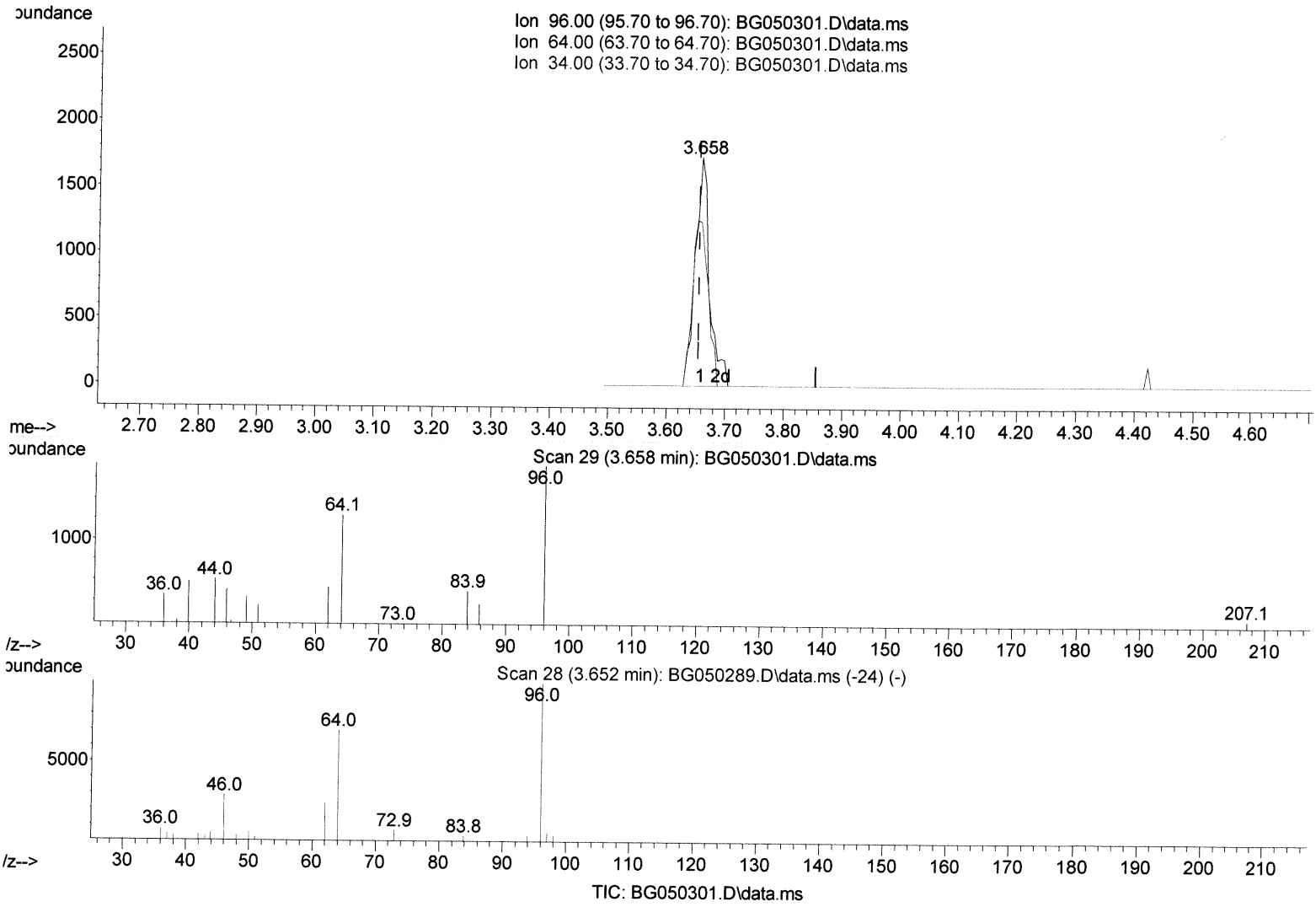
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	71.68
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050301.D
Acq On : 29 Sep 2021 1:48
Operator : CG/JU
Sample : M3755-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 29 03:23:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AH9

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:43 PM



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

3.658min (+ 0.003) 3.39 ng/uL m JHC 10/08/21

response 2957

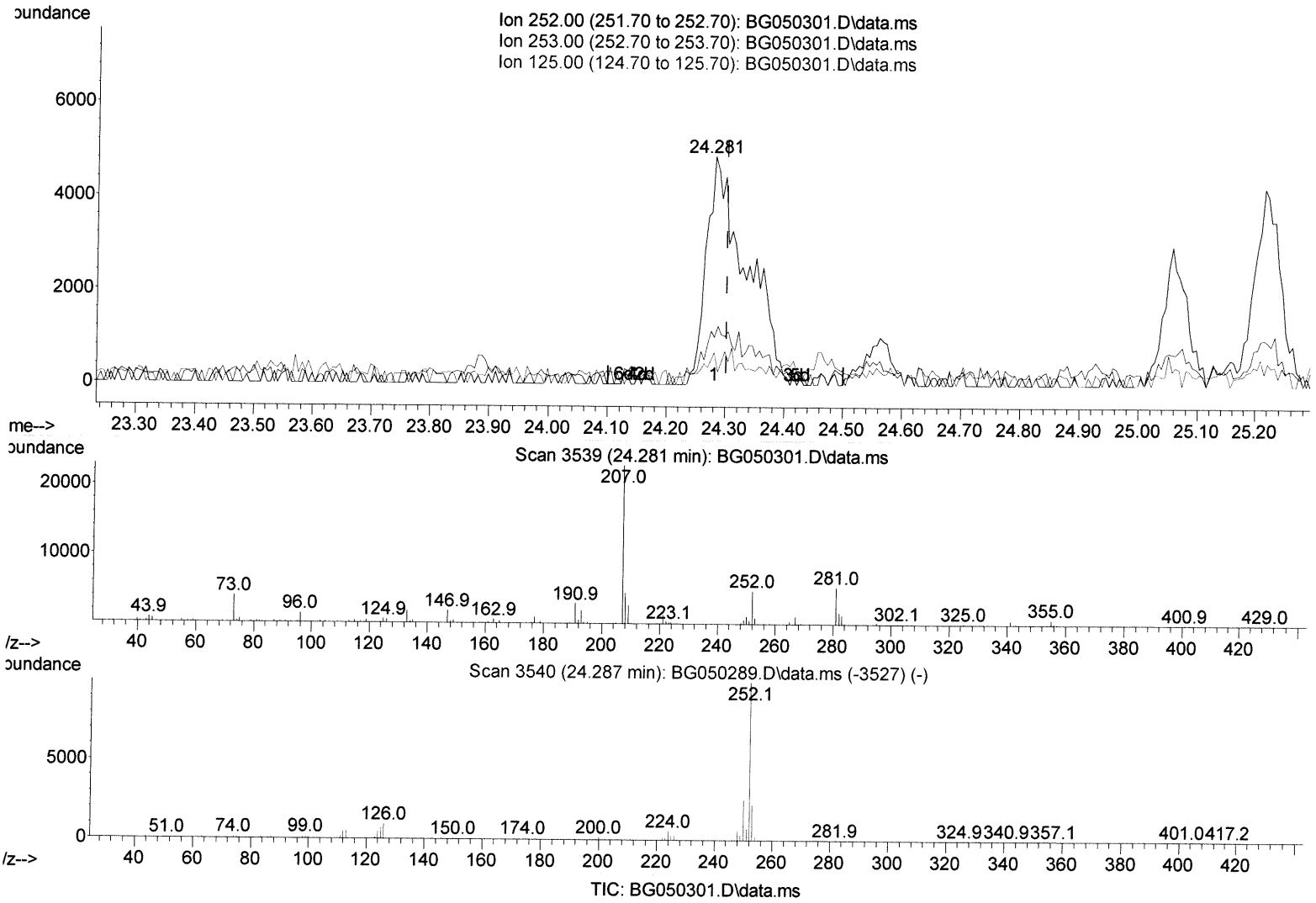
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	71.68
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050301.D
Acq On : 29 Sep 2021 1:48
Operator : CG/JU
Sample : M3755-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 29 03:23:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AH9

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:43 PM



(90) Benzo(b)fluoranthene

24.281min (-0.021) 0.60 ng/ul

response 9323

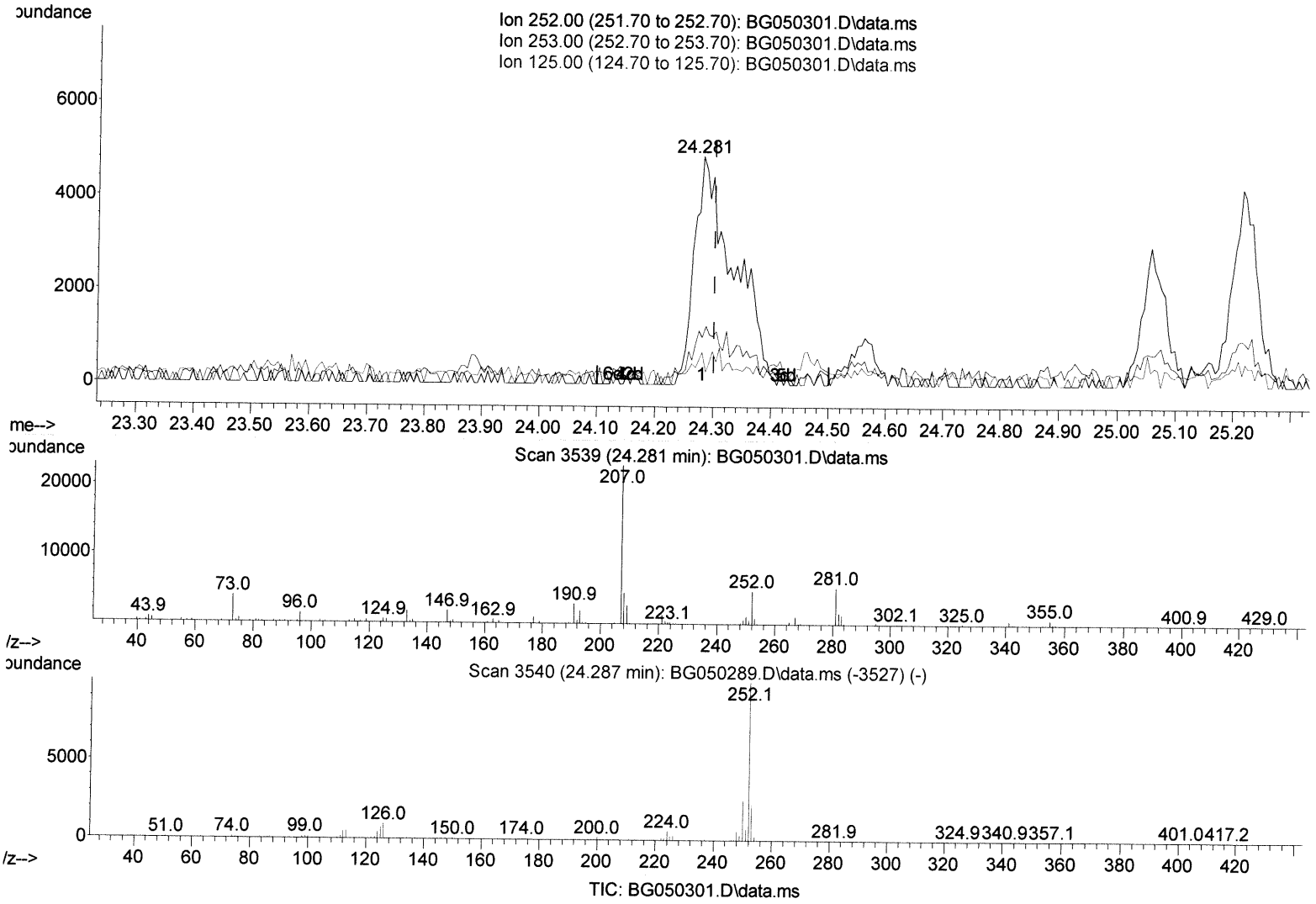
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	20.61
125.00	4.20	14.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050301.D
Acq On : 29 Sep 2021 1:48
Operator : CG/JU
Sample : M3755-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 29 03:23:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AH9

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:43 PM



(90) Benzo(b)fluoranthene

24.281min (-0.021) 1.08 ng/ul m JU 10/04/21

response 16683

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	20.61
125.00	4.20	14.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050301.D
Acq On : 29 Sep 2021 1:48
Operator : CG/JU
Sample : M3755-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH9

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:43 PM

Quant Time: Sep 29 03:23:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	42131	20.000	ng/ul	0.00
20) Naphthalene-d8	11.108	136	168940	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.898	164	115666	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	253497	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.948	240	250362	20.000	ng/ul	# 0.00
88) Perylene-d12	25.385	264	263659	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	2957m	3.394	ng/ul	0.00
4) Pyridine-d5	4.087	84	20209	7.696	ng/ul	0.00
7) Phenol-d5	7.412	99	52022	15.552	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.600	67	32309	16.641	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	38098	15.669	ng/ul	0.00
15) 4-Methylphenol-d8	8.969	113	39583	15.021	ng/ul	-0.01
21) Nitrobenzene-d5	9.451	128	18670	17.889	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.180	143	19066	16.540	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.714	165	35966	13.375	ng/ul	0.00
31) 4-Chloroaniline-d4	11.231	131	47685	13.499	ng/ul	-0.01
46) Dimethylphthalate-d6	14.293	166	116568	14.828	ng/ul	-0.01
49) Acenaphthylene-d8	14.598	160	145143	14.688	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	10627	8.012	ng/ul	-0.01
60) Fluorene-d10	15.885	176	108372	15.057	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	10370	9.656	ng/ul	0.00
73) Anthracene-d10	17.741	188	165262	15.306	ng/ul	0.00
81) Pyrene-d10	20.015	212	210698	15.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	208410	15.504	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.683	178	19158	1.523	ng/ul	98
80) Fluoranthene	19.680	202	35363	2.058	ng/ul#	90
82) Pyrene	20.045	202	29363	1.738	ng/ul#	92
85) Benzo(a)anthracene	21.925	228	16343	1.084	ng/ul	100
90) Benzo(b)fluoranthene	24.281	252	16683m	1.081	ng/ul	

JU 10/04/21

JU 10/04/21

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