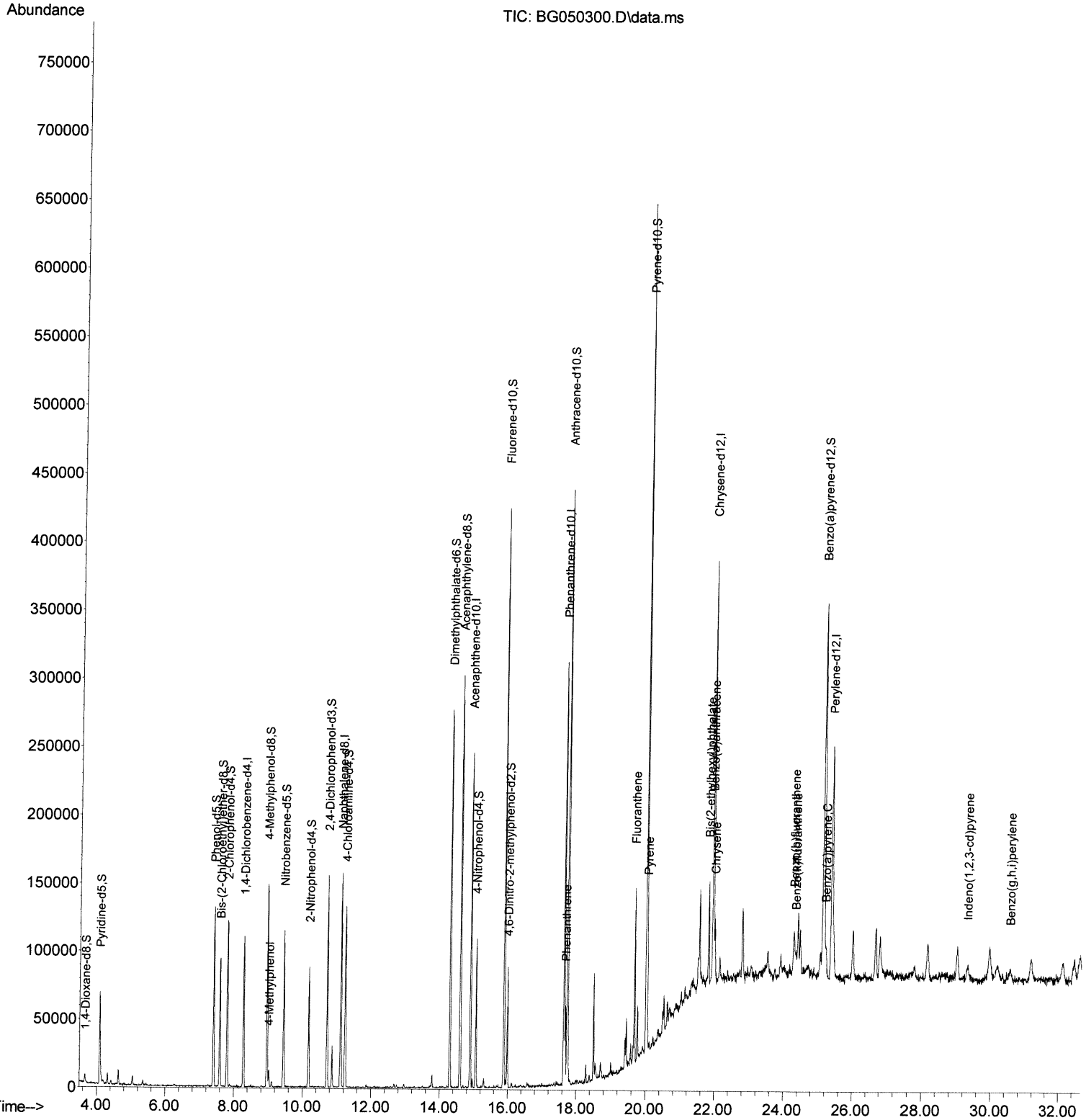
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM

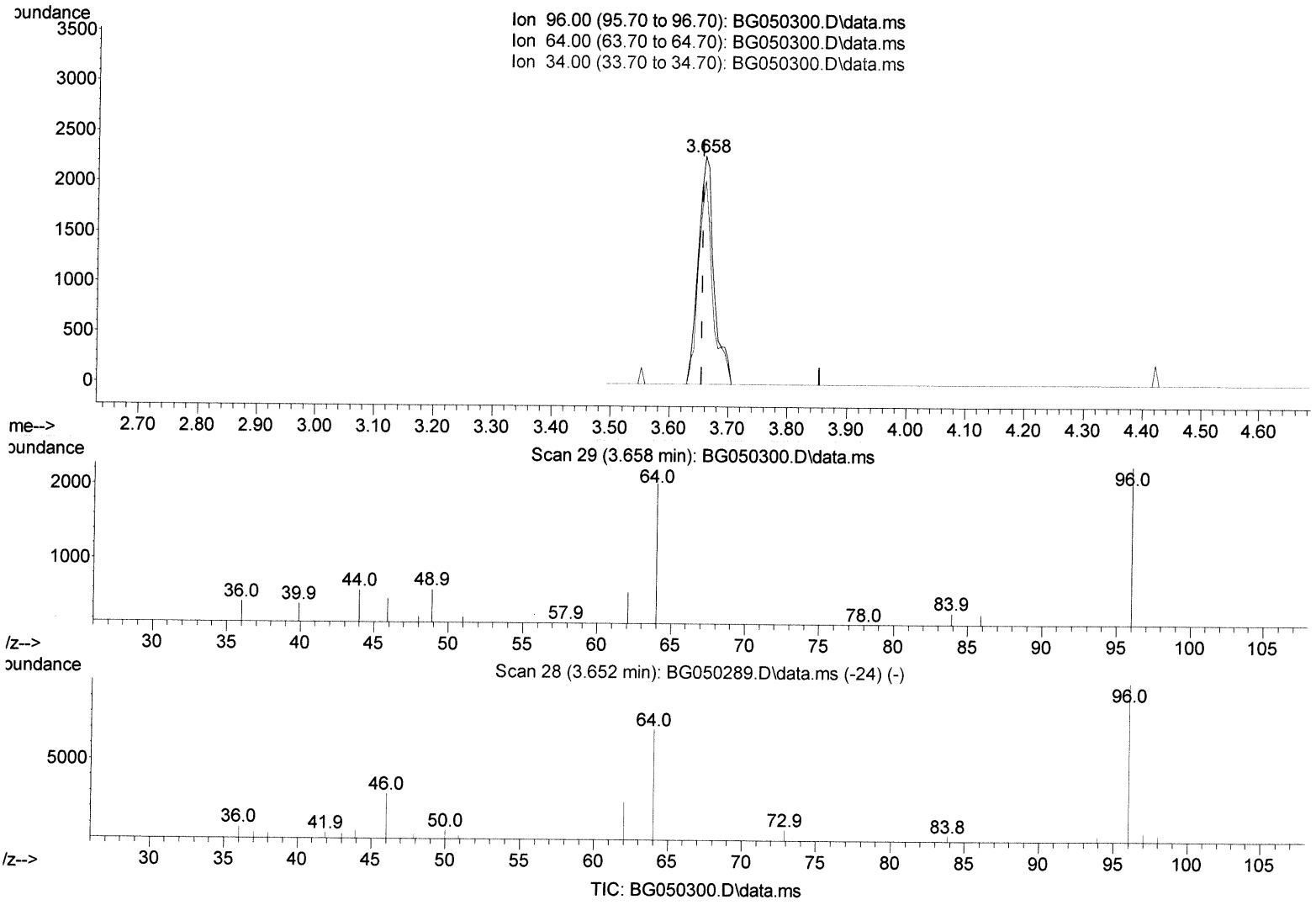


Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM



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

3.658min (+ 0.003) 6.06 ng/uL

response 4017

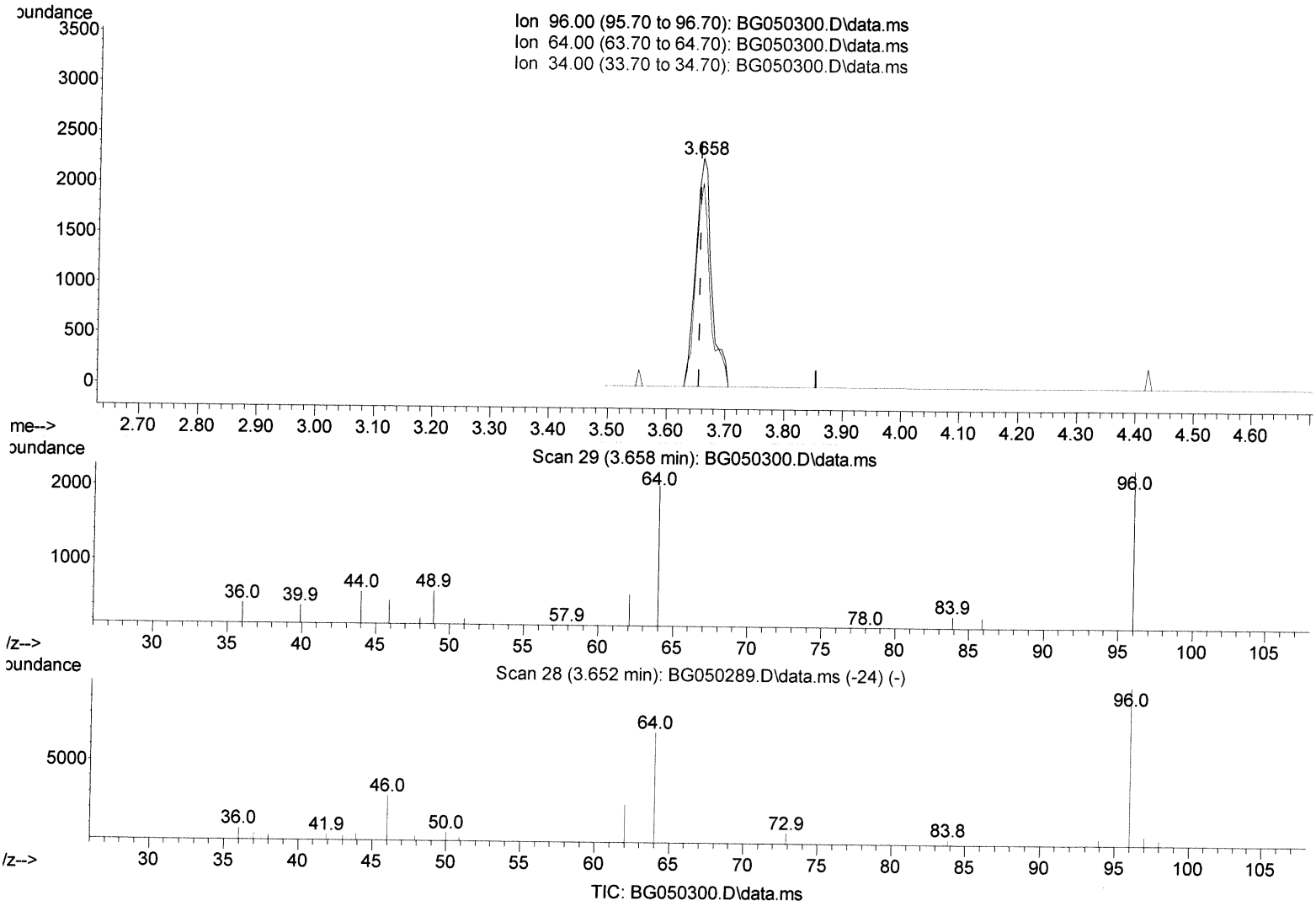
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	89.17#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM



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

3.658min (+ 0.003) 6.40 ng/uL m JP 10/04/21

response 4238

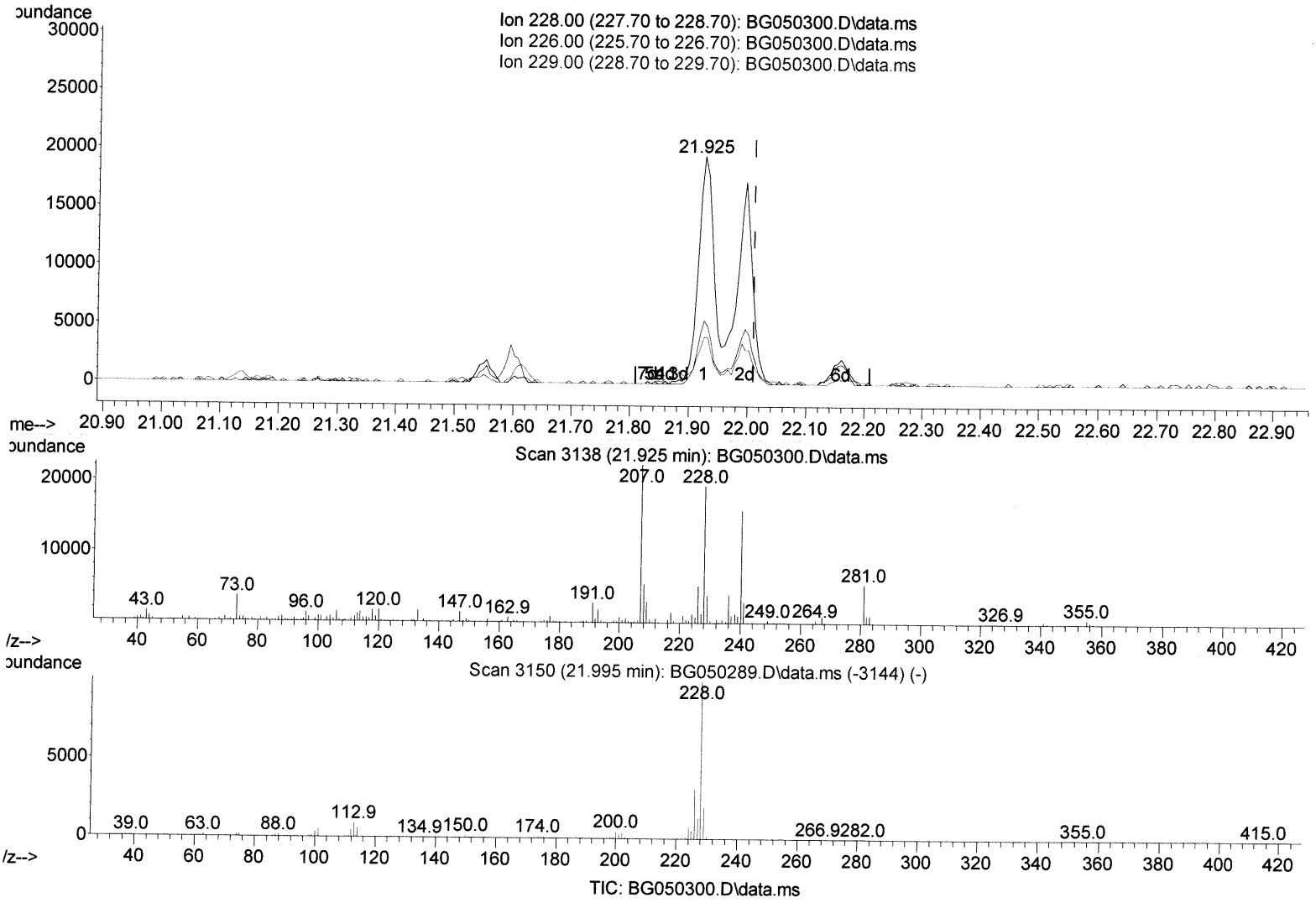
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	89.17#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM



(87) Chrysene

21.925min (-0.085) 3.28 ng/ul

response 35092

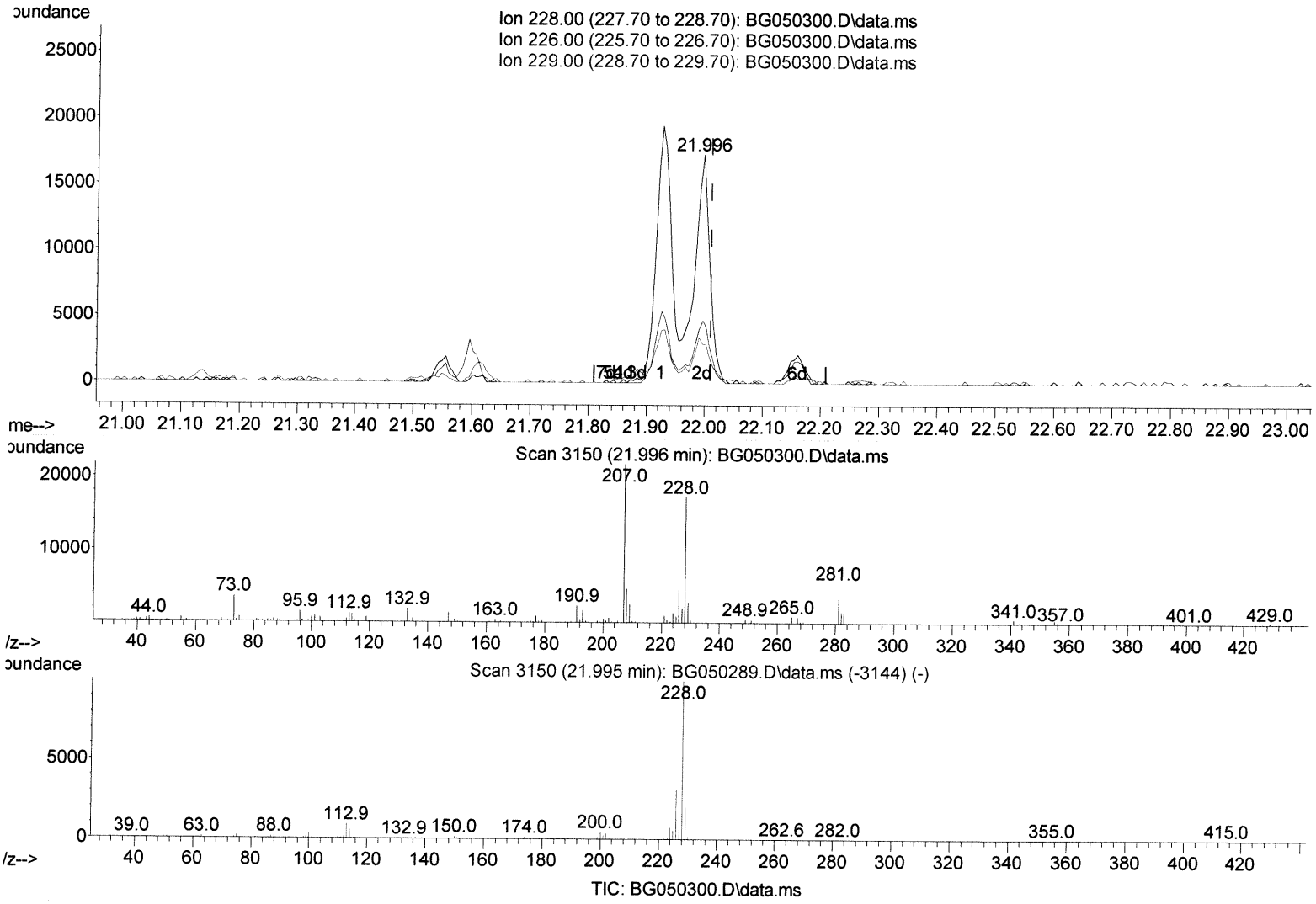
Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.70	27.71
229.00	22.20	20.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM



(87) Chrysene

21.996min (-0.015) 2.98 ng/ul m JG 10/04/21

response 31922

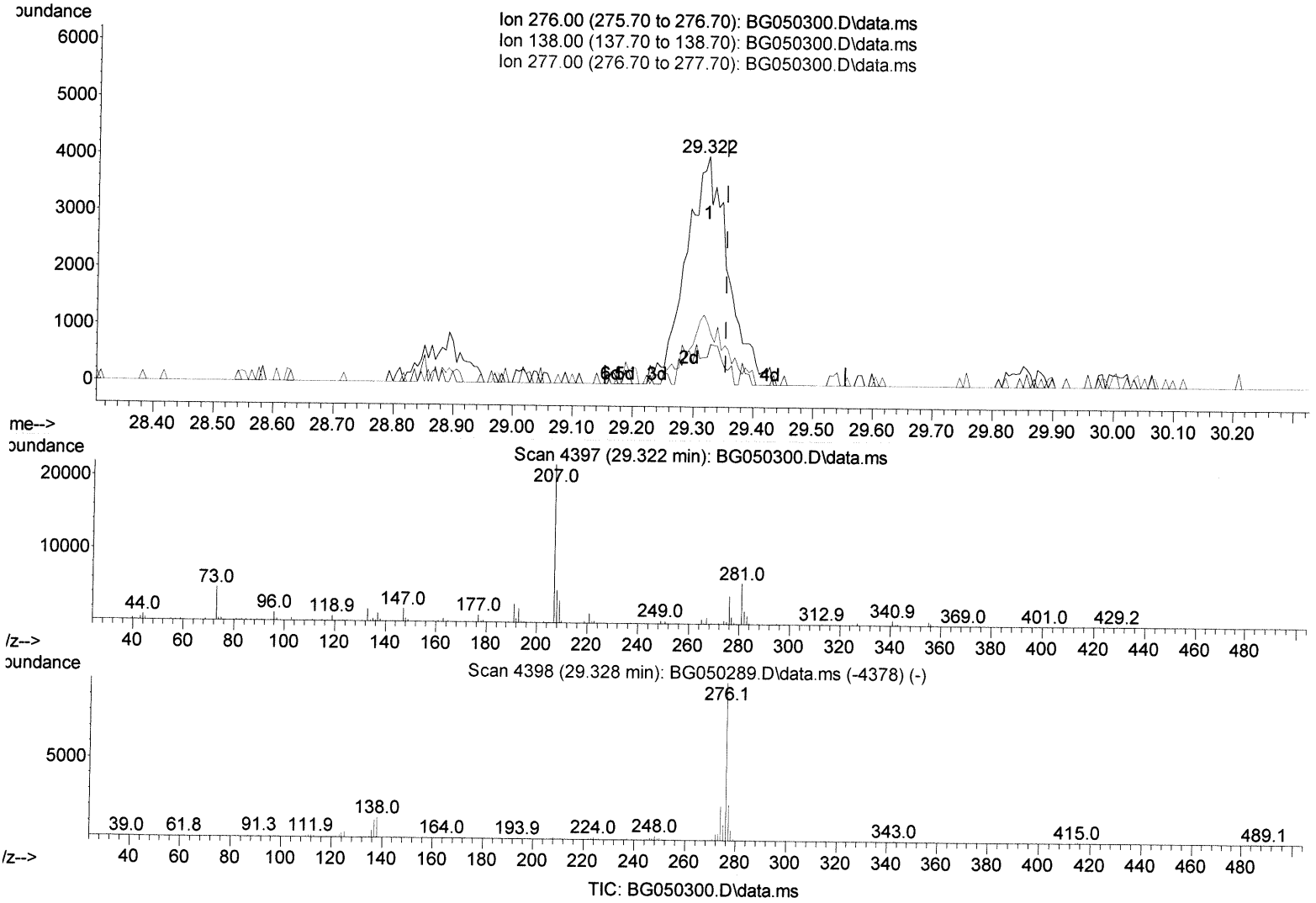
Ion	Exp%	Act%
228.00	100.00	100.00
226.00	28.70	27.28
229.00	22.20	16.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM



(94) Indeno(1,2,3-cd)pyrene

29.322min (-0.032) 0.09 ng/ul

response 1153

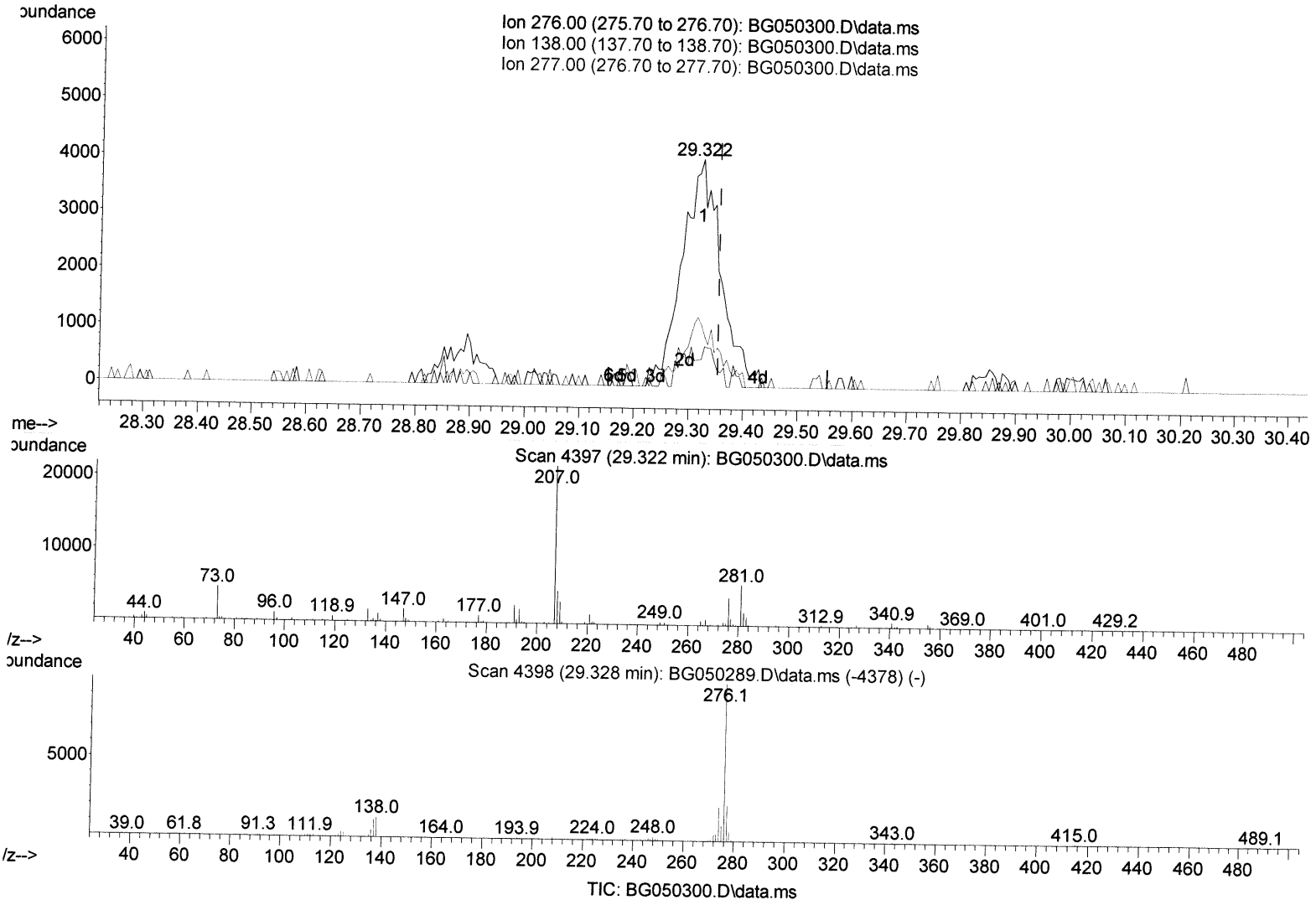
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	11.91#
277.00	23.20	26.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM



(94) Indeno(1,2,3-cd)pyrene

29.322min (-0.032) 1.58 ng/ul m JU 10/04/21

response 19666

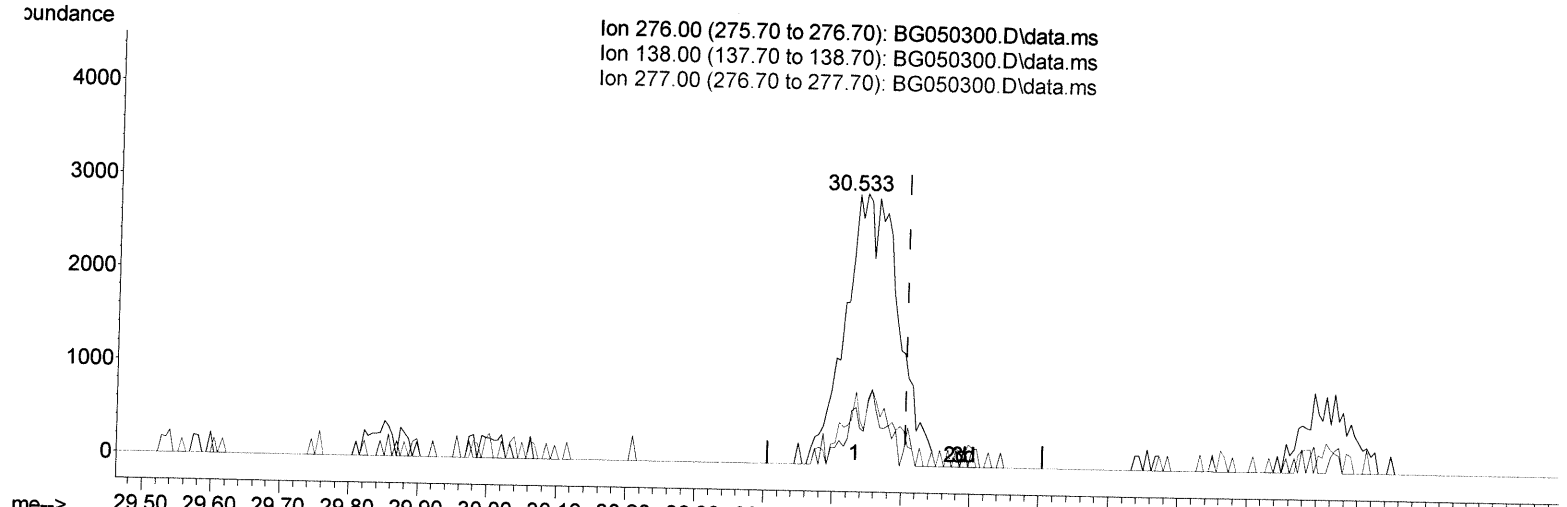
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	11.91#
277.00	23.20	26.89
0.00	0.00	0.00

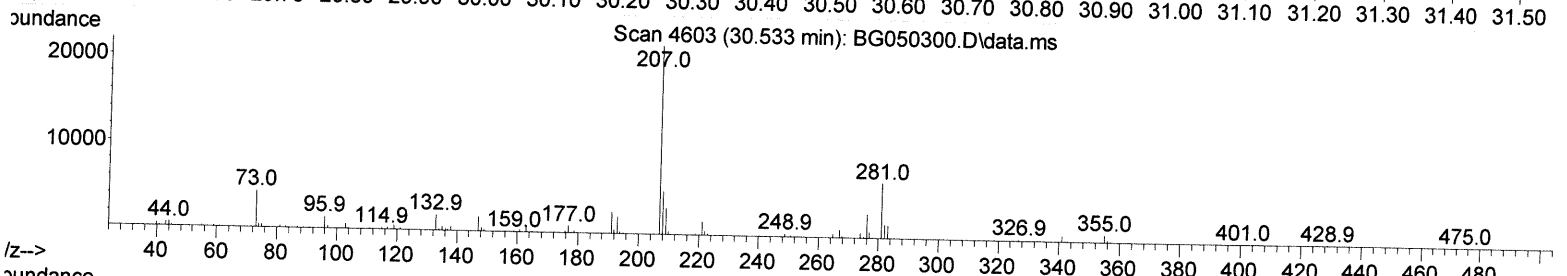
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

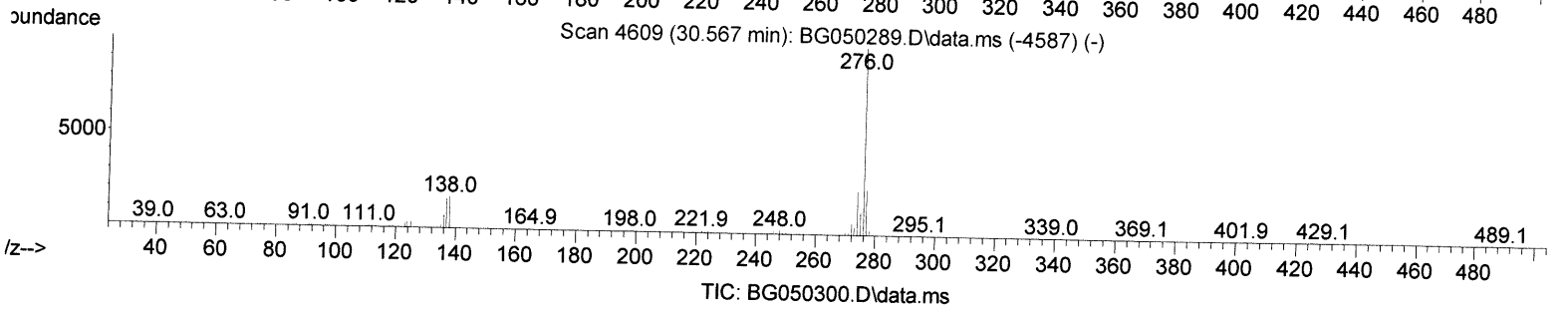
Quant Time: Sep 29 02:14:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM







TIC: BG050300.D\data.ms

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

30.533min (-0.073) 0.53 ng/ul

response 5660

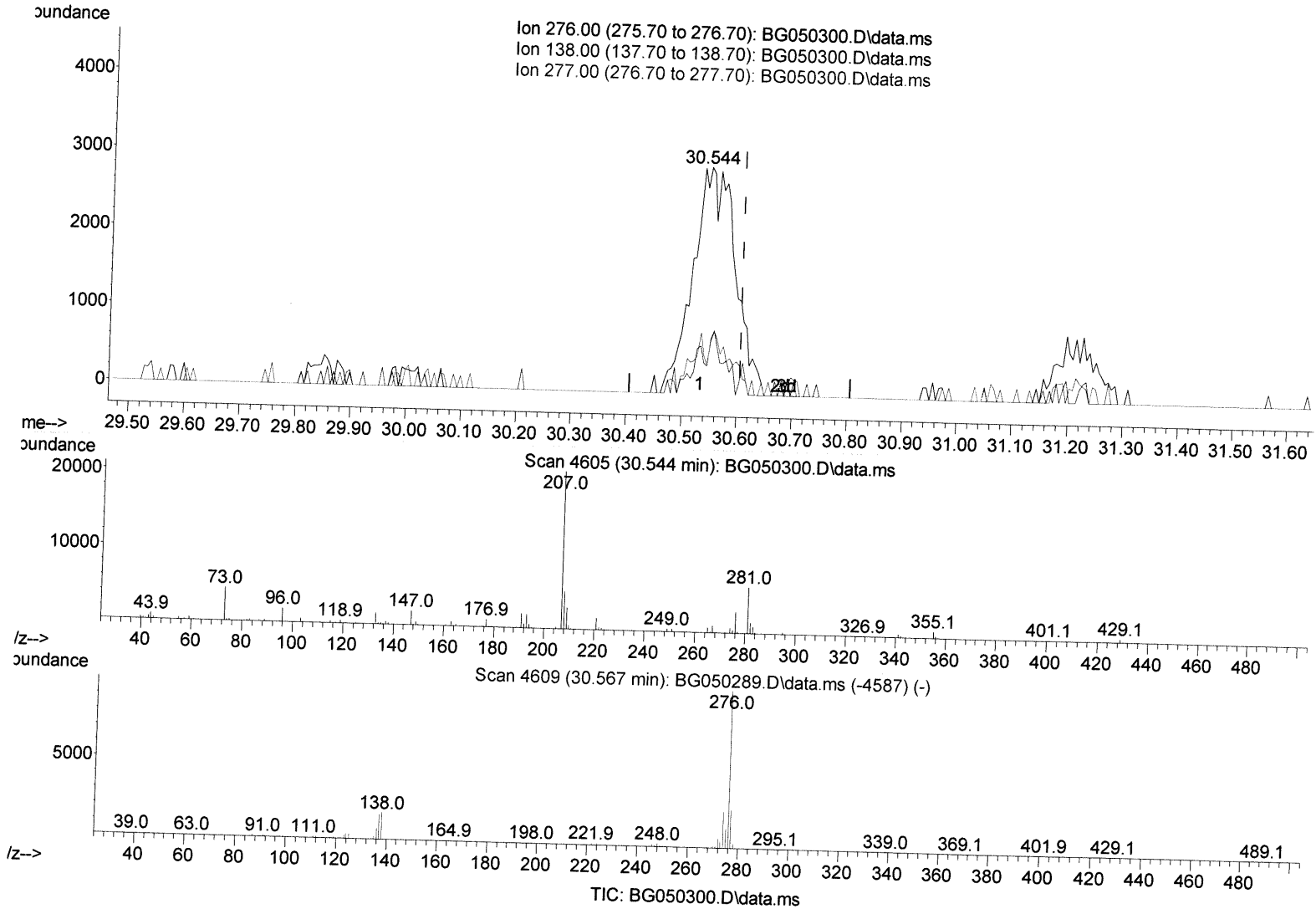
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	21.27#
277.00	21.70	27.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 29 02:14:20 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 :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM



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

30.544min (-0.062) 1.45 ng/ul m JJ 10/04/21

response 15493

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.48
277.00	21.70	13.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ3

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:41 PM

Quant Time: Sep 29 02:14:20 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	8.288	152	32040	20.000	ng/ul	0.00
20) Naphthalene-d8	11.108	136	128483	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.898	164	87178	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	193891	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.949	240	183388	20.000	ng/ul	# 0.00
88) Perylene-d12	25.380	264	191936	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	4238m	6.396	ng/ul	0.00
4) Pyridine-d5	4.087	84	46615	23.344	ng/ul	0.00
7) Phenol-d5	7.413	99	75769	29.784	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.595	67	48031	32.529	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.812	132	55199	29.853	ng/ul	0.00
15) 4-Methylphenol-d8	8.970	113	56484	28.185	ng/ul	-0.01
21) Nitrobenzene-d5	9.451	128	27654	34.841	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.180	143	27869	31.789	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.715	165	55514	27.145	ng/ul	0.00
31) 4-Chloroaniline-d4	11.238	131	71189	26.498	ng/ul	0.00
46) Dimethylphthalate-d6	14.293	166	185819	31.362	ng/ul	-0.01
49) Acenaphthylene-d8	14.598	160	228553	30.687	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	26613	26.622	ng/ul	-0.01
60) Fluorene-d10	15.885	176	169066	31.166	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	21844	26.592	ng/ul	0.00
73) Anthracene-d10	17.742	188	259975	31.480	ng/ul	0.00
81) Pyrene-d10	20.016	212	329032	33.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	315549	32.246	ng/ul	-0.02
Target Compounds						Qvalue
18) 4-Methylphenol	9.028	108	4531	2.212	ng/ul	97
72) Phenanthrene	17.683	178	39392	4.094	ng/ul	98
80) Fluoranthene	19.681	202	77527	6.159	ng/ul#	89
82) Pyrene	20.045	202	62234	5.028	ng/ul#	94
85) Benzo(a)anthracene	21.925	228	35092	3.178	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.813	149	28686	4.819	ng/ul#	97
87) Chrysene	21.996	228	31922m	2.982	ng/ul	
90) Benzo(b)fluoranthene	24.287	252	39144	3.484	ng/ul#	92
91) Benzo(k)fluoranthene	24.340	252	15995	1.516	ng/ul#	95
93) Benzo(a)pyrene	25.215	252	27343	2.562	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	29.322	276	19666m	1.577	ng/ul	
96) Benzo(g,h,i)perylene	30.544	276	15493m	1.452	ng/ul	

JU 10/04/21

JU 10/04/21

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