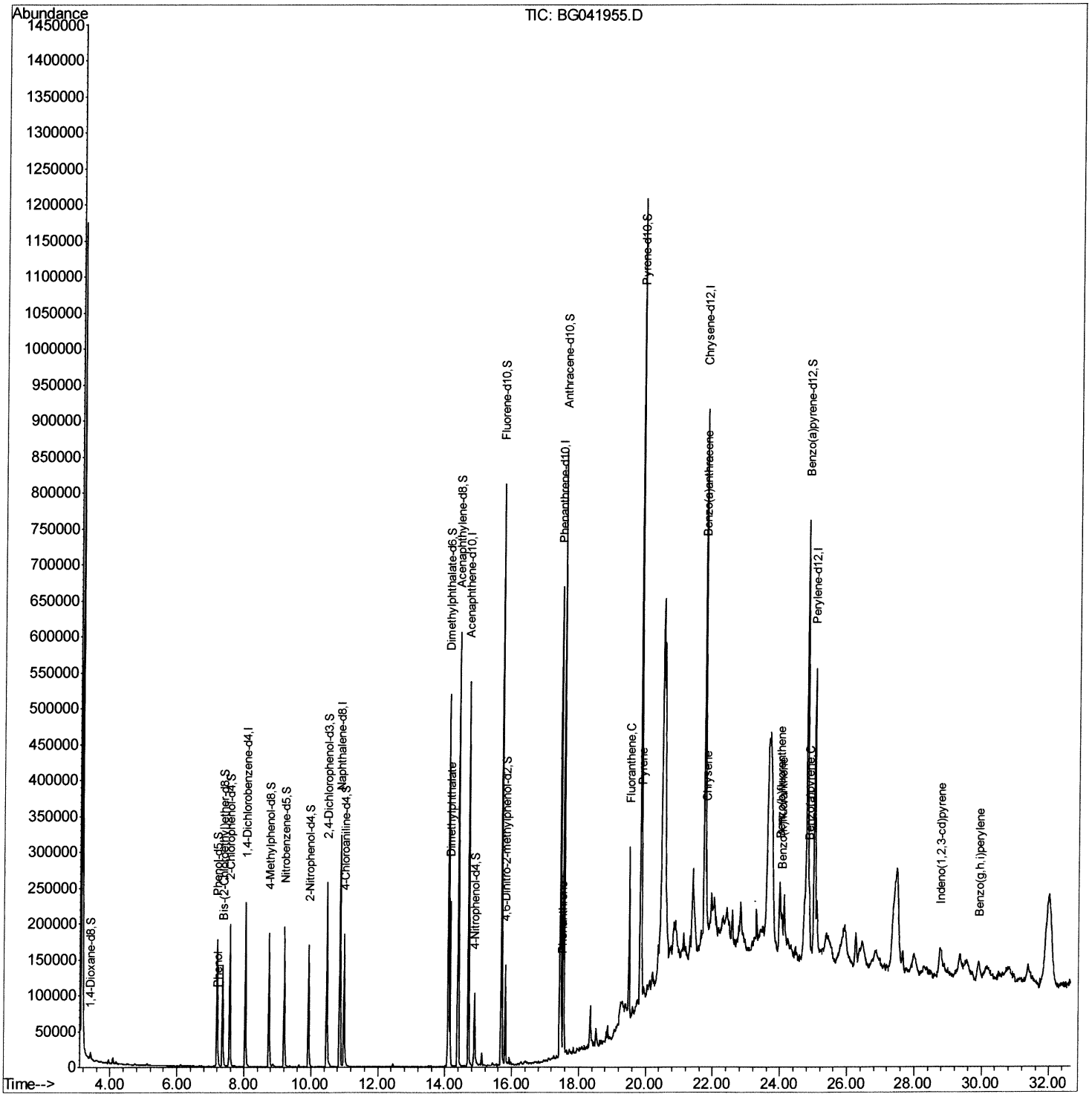
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 05 10:16:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ8

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:11 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 05 09:18:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ8

Manual Integrations APPROVED
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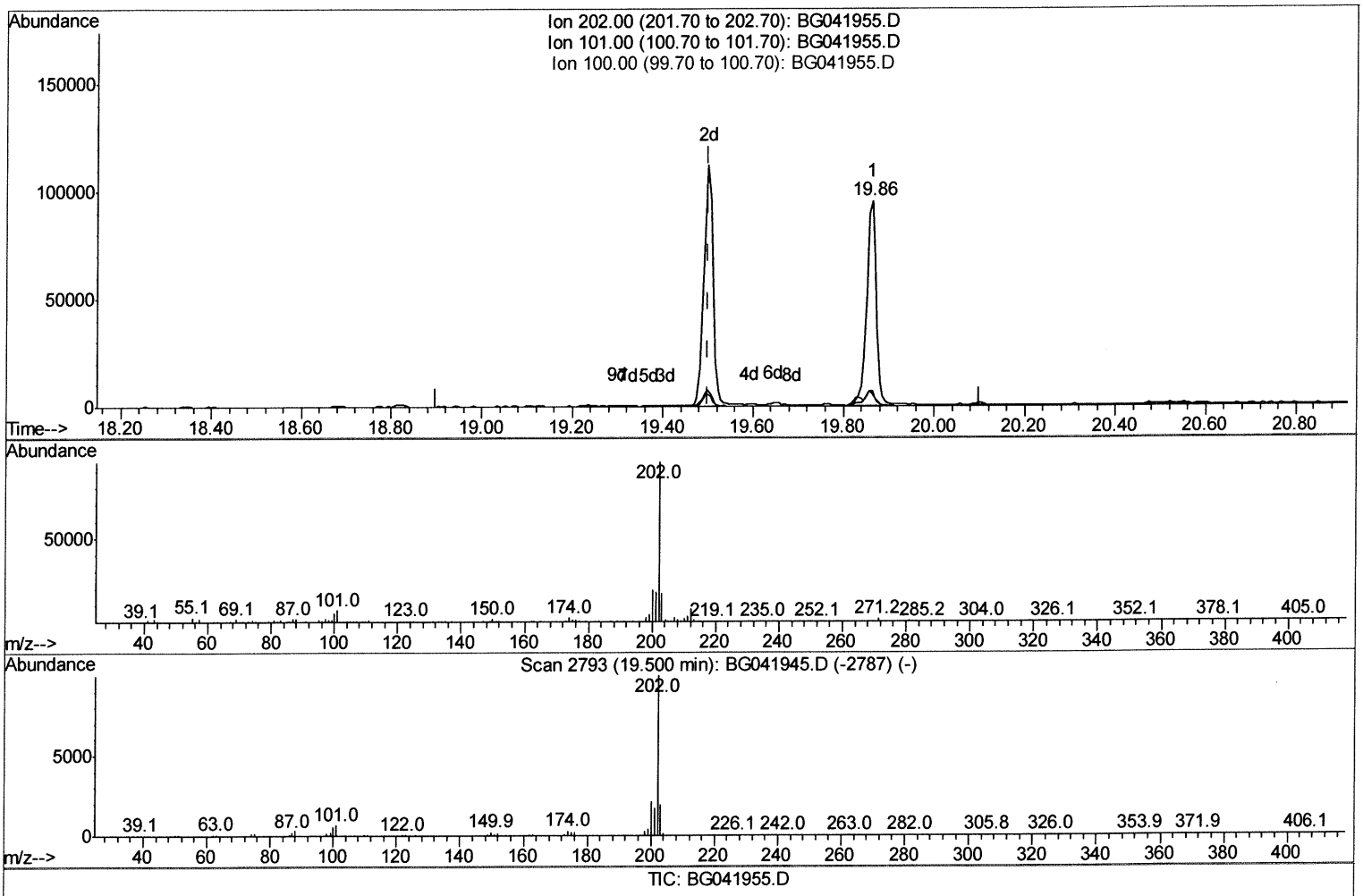

TIC: BG041955.D

(76) Fluoranthene (C)

19.863min (+0.363) 5.04ng/ul

response 141374

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.47
100.00	6.60	5.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 05 09:18:43 2019
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
BENZ8

Manual Integrations APPROVED
mohammad
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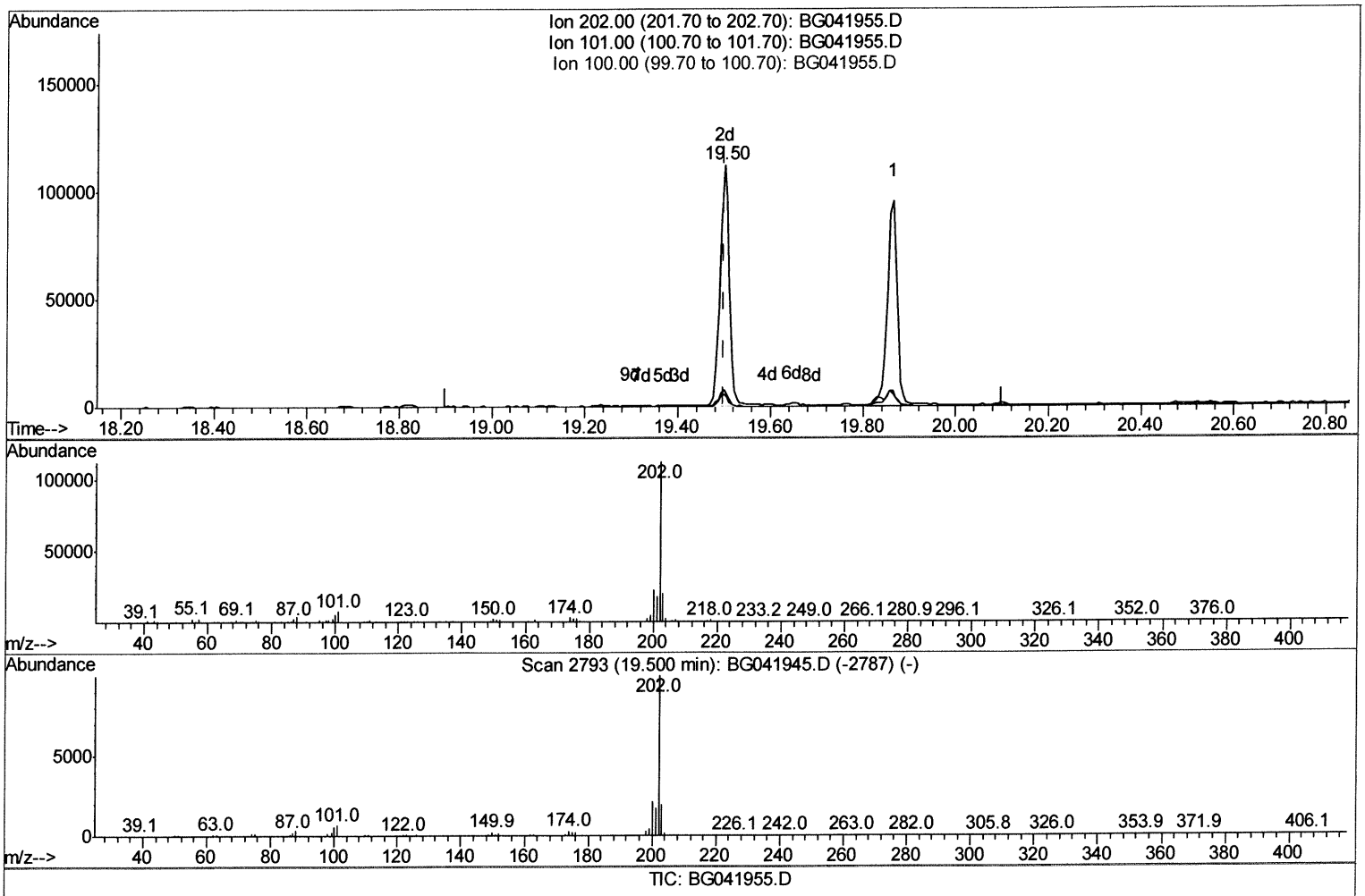

TIC: BG041955.D

(76) Fluoranthene (C)

19.499min (-0.001) 5.70ng/ul m JU 08/05/19

response 159952

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	6.82
100.00	6.60	4.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 05 09:18:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ8

Manual Integrations APPROVED
mohammad
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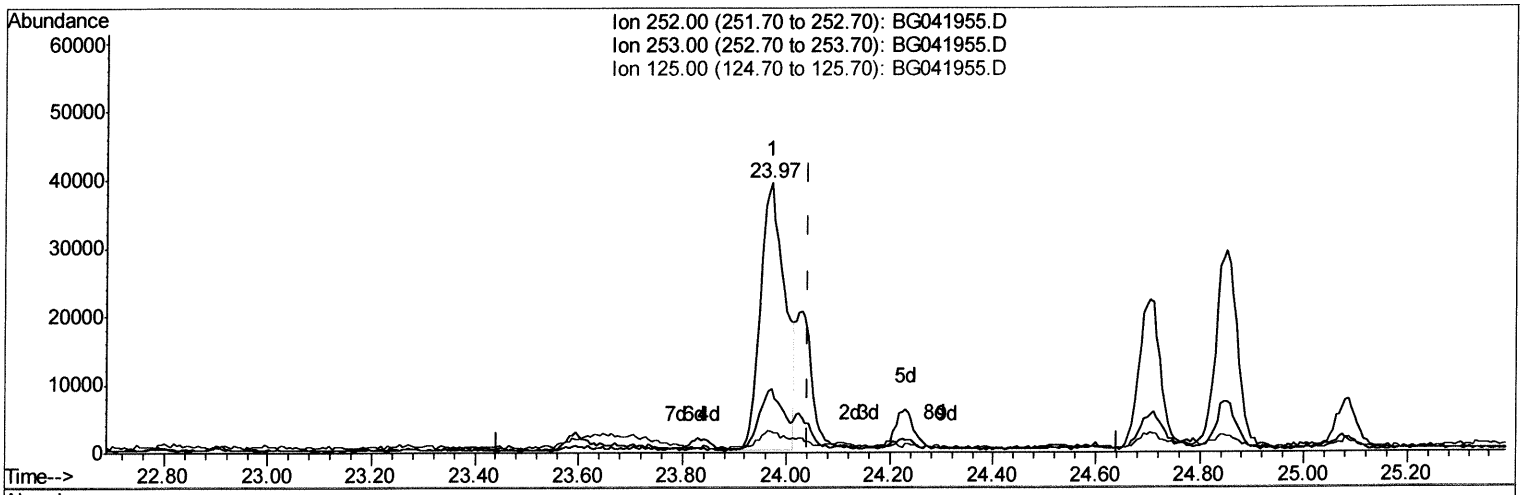

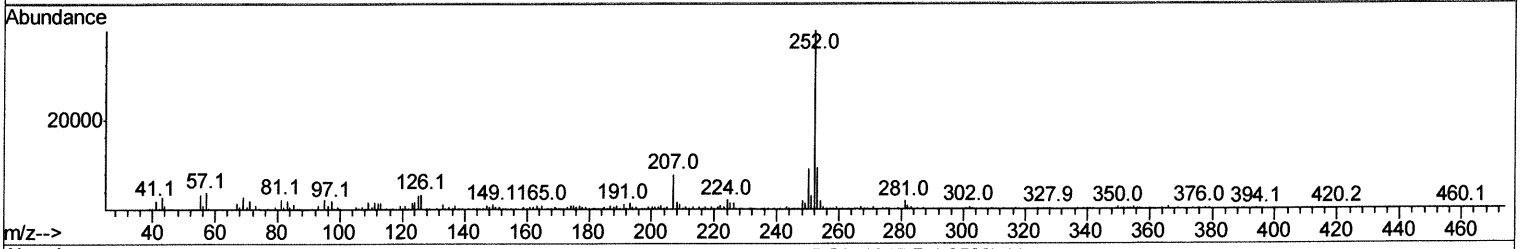

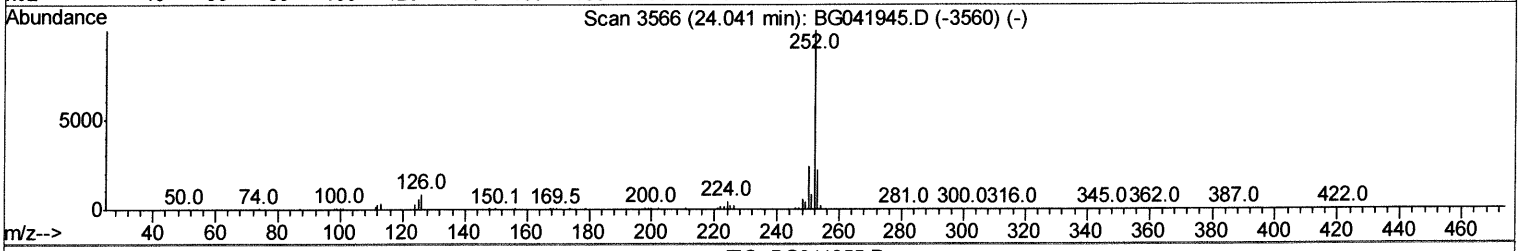

TIC: BG041955.D

(88) Benzo(k)fluoranthene

23.970min (-0.071) 4.32ng/ul

response 127691

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.73
125.00	6.90	7.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 05 09:18:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ8

Manual Integrations APPROVED
mohammad
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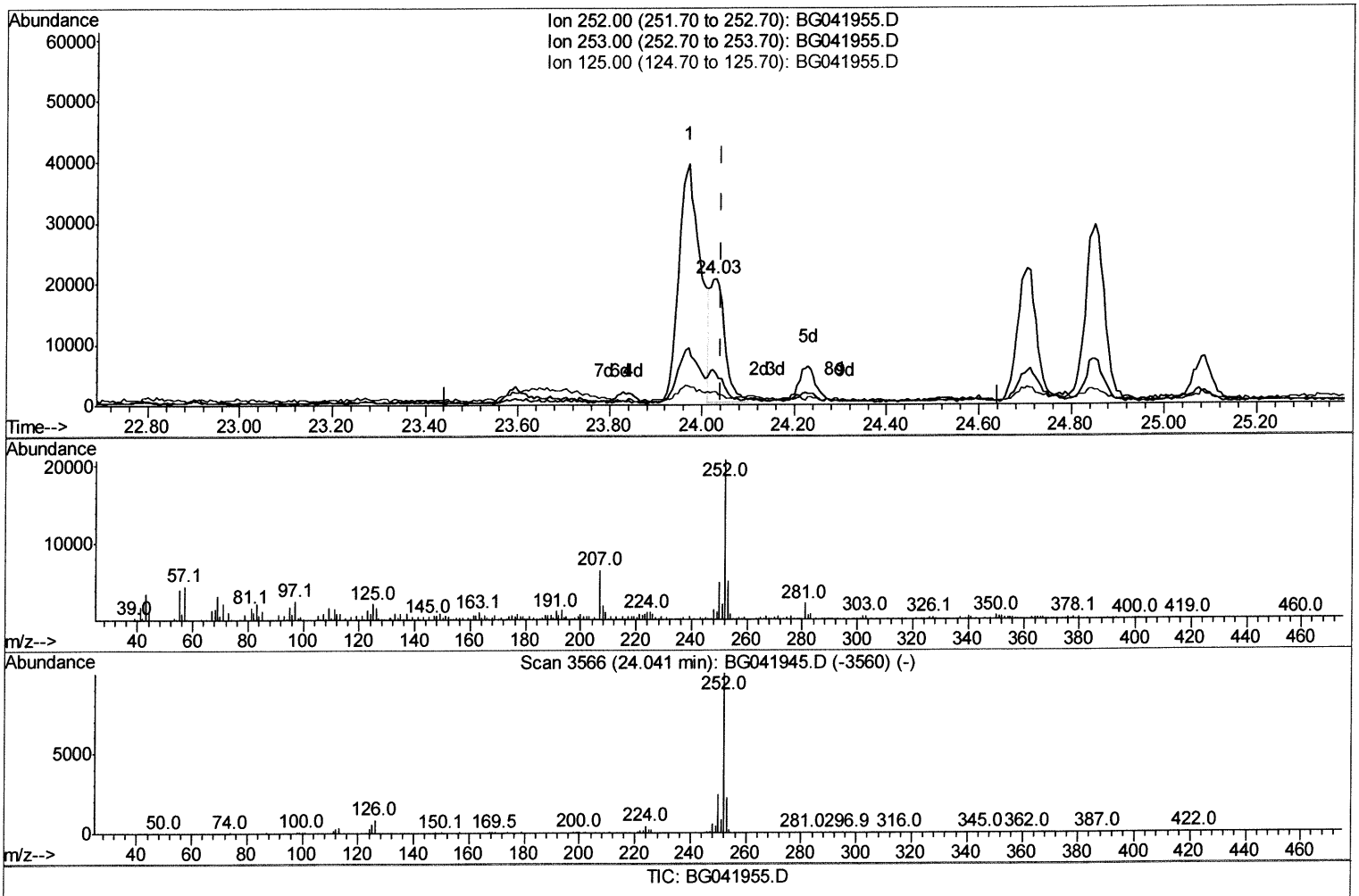

TIC: BG041955.D

(88) Benzo(k)fluoranthene

24.029min (-0.013) 1.56ng/ul m JU 08/05/19

response 46018

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	24.22
125.00	6.90	10.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 05 09:18:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ8

Manual Integrations APPROVED
mohammad
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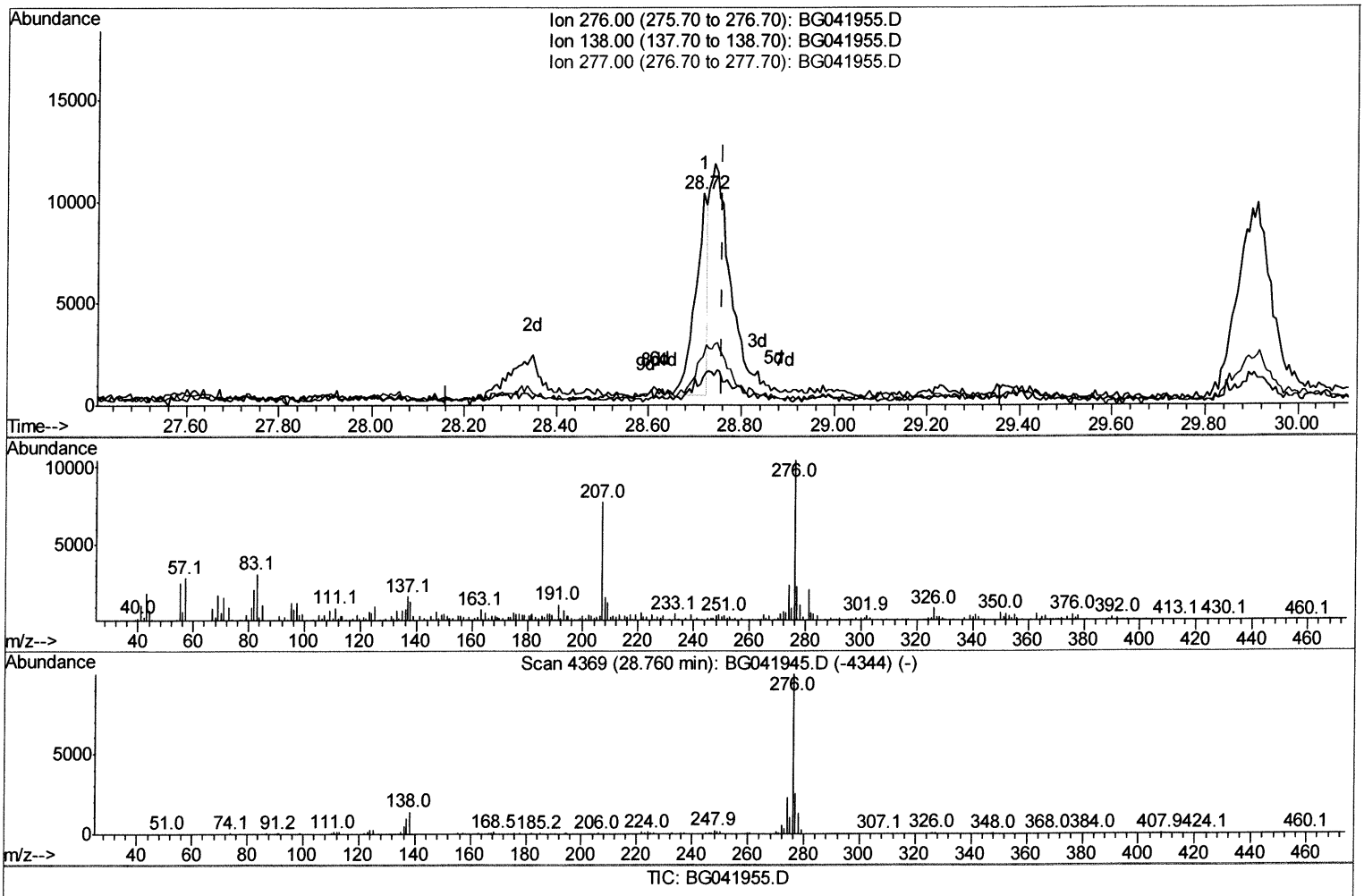


TIC: BG041955.D

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

28.718min (-0.042) 0.50ng/ul

response 17222

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	12.90
277.00	24.00	22.68
0.00	0.00	0.00

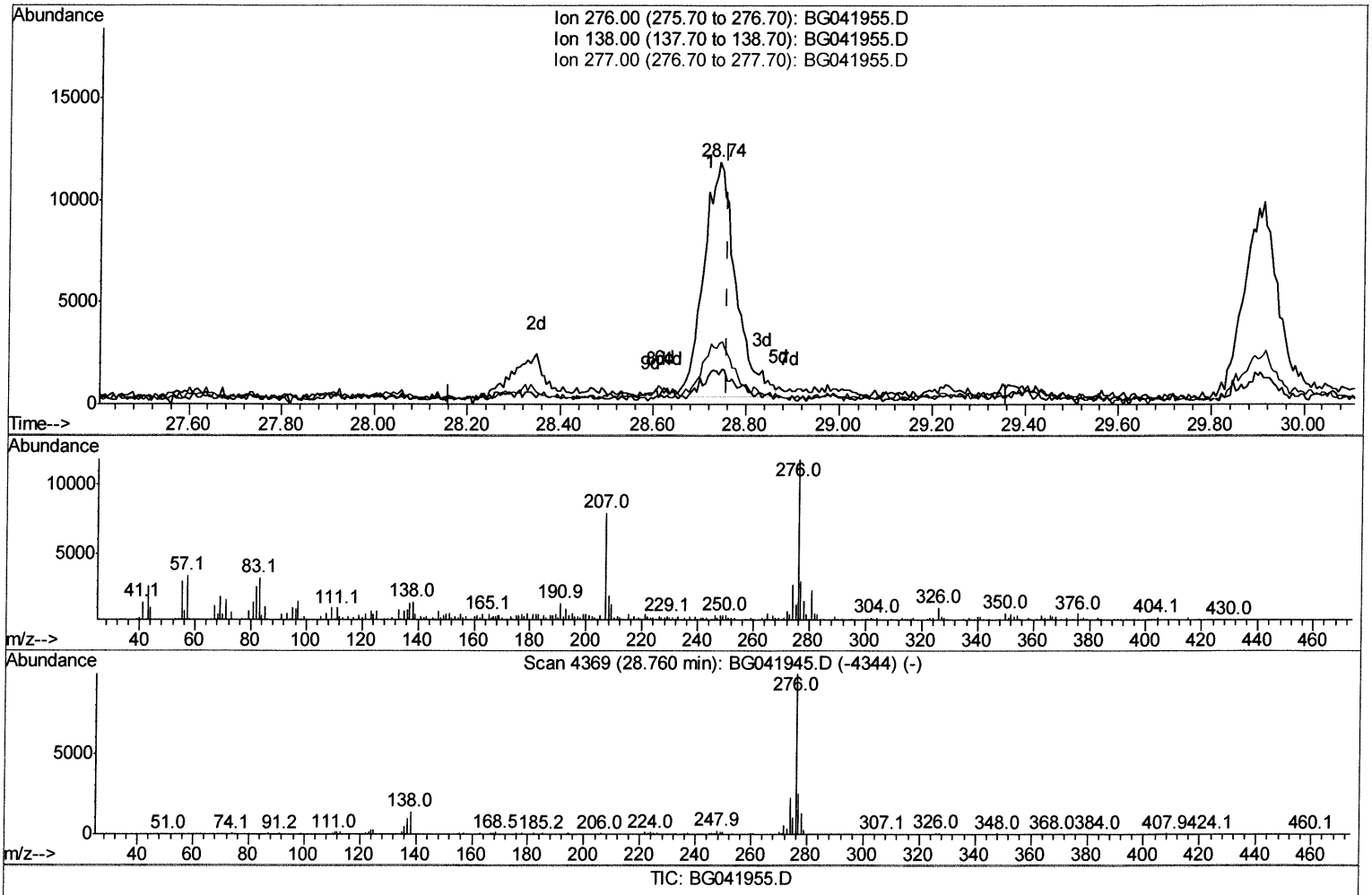
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 05 09:18:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ8

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:11 PM



TIC: BG041955.D

(91) Indeno(1,2,3-cd)pyrene JU 08/05/19

28.741min (-0.018) 1.62ng/ul m

response 55438

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	12.33
277.00	24.00	25.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENZ8

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:11 PM

Quant Time: Aug 05 10:16:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	73460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	305612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	209080	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	443552	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	435888	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	489635	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	5136	3.06	ng/uL	0.00
5) Phenol-d5	7.18	99	112046	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	68997	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	109173	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	79845	16.50	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	55731	24.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	70609	26.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123598	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	123170	20.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	405113	24.98	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	461287	24.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	38638	14.19	ng/ul	0.00
57) Fluorene-d10	15.69	176	359870	24.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	42529	14.94	ng/ul	0.00
70) Anthracene-d10	17.55	188	553660	26.02	ng/ul	0.00
78) Pyrene-d10	19.83	212	643103	26.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	698401	27.30	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	9465	1.591	ng/ul	96
44) Dimethylphthalate	14.14	163	169335	10.517	ng/ul	99
69) Phenanthrene	17.49	178	52463	2.161	ng/ul	98
76) Fluoranthene	19.50	202	159952m>	5.701	ng/ul	
79) Pyrene	19.86	202	141374	4.822	ng/ul#	94
82) Benzo(a)anthracene	21.71	228	74151	2.454	ng/ul	99
84) Chrysene	21.77	228	85394	3.027	ng/ul	97
87) Benzo(b)fluoranthene	23.97	252	127691	4.156	ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	46018m >	1.558	ng/ul	
90) Benzo(a)pyrene	24.85	252	83855	2.864	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.74	276	55438m>	1.623	ng/ul	
93) Benzo(g,h,i)perylene	29.91	276	46560	1.633	ng/ul	97

JU 08/05/19

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