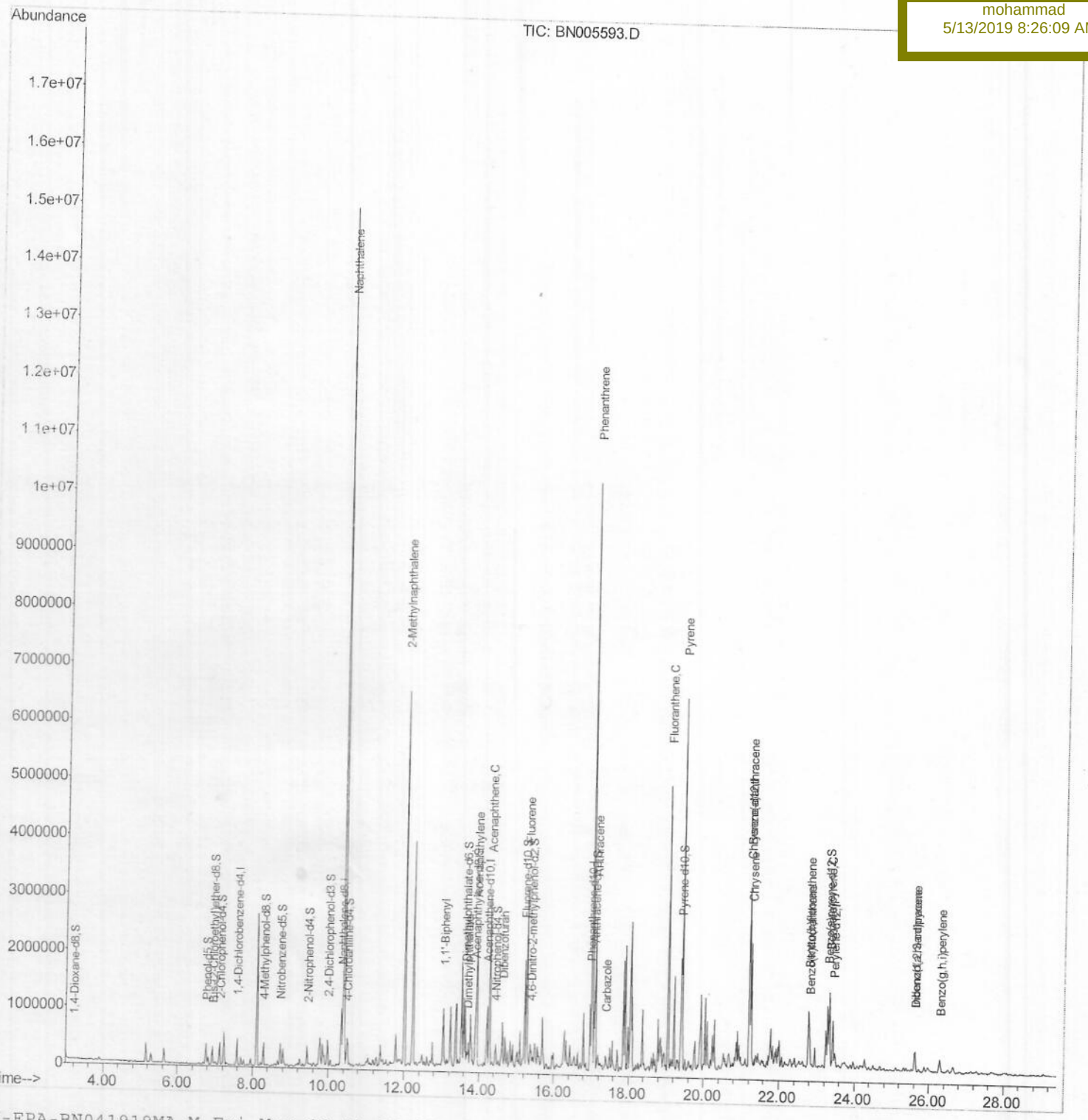
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:32:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:09 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
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Quant Time: May 10 18:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
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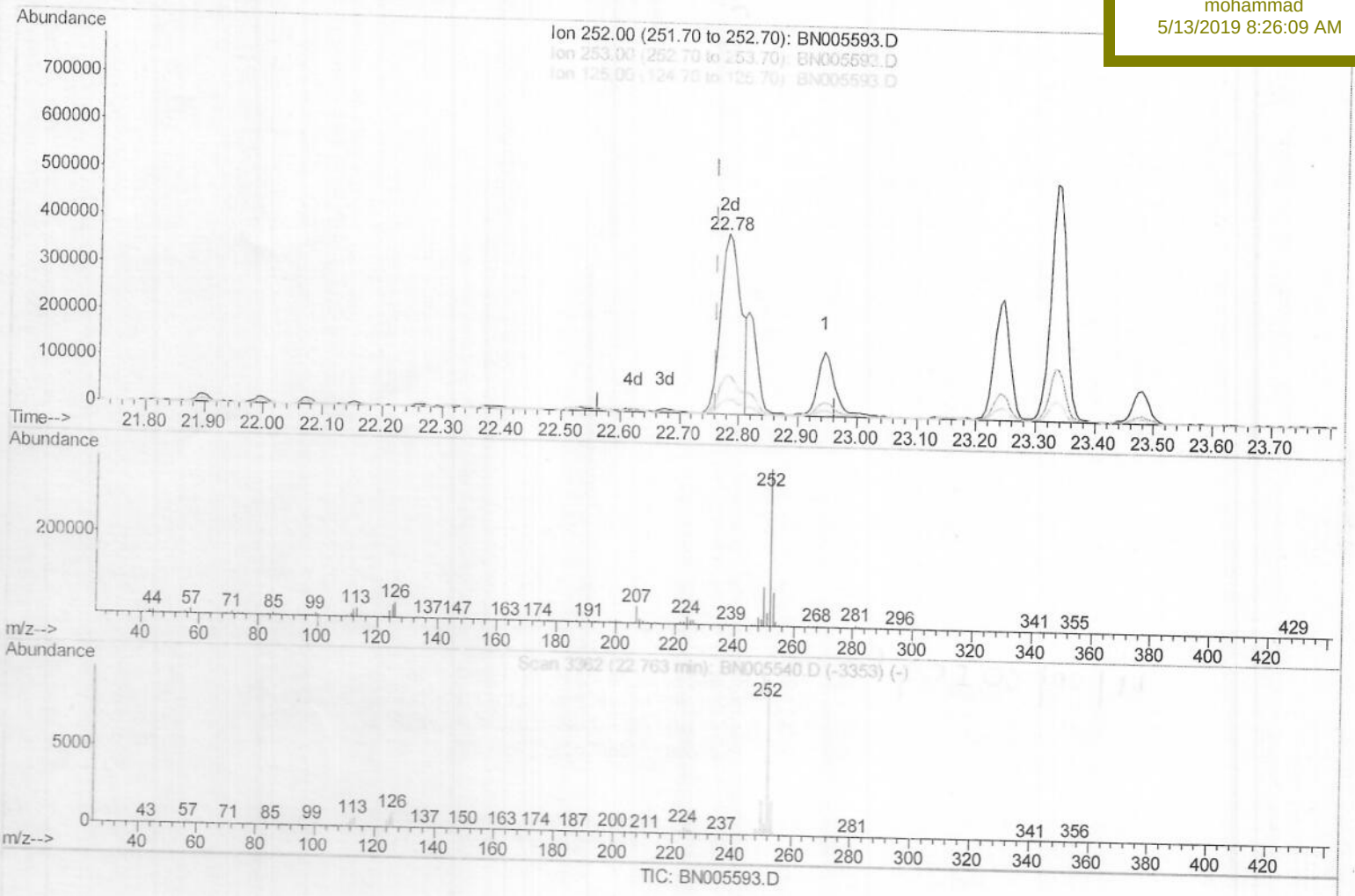

TIC: BN005593.D

(87) Benzo(b)fluoranthene

22.780min (+0.018) 27.12ng/ul m

response 911750

JU 05/12/19

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.40
125.00	10.50	8.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

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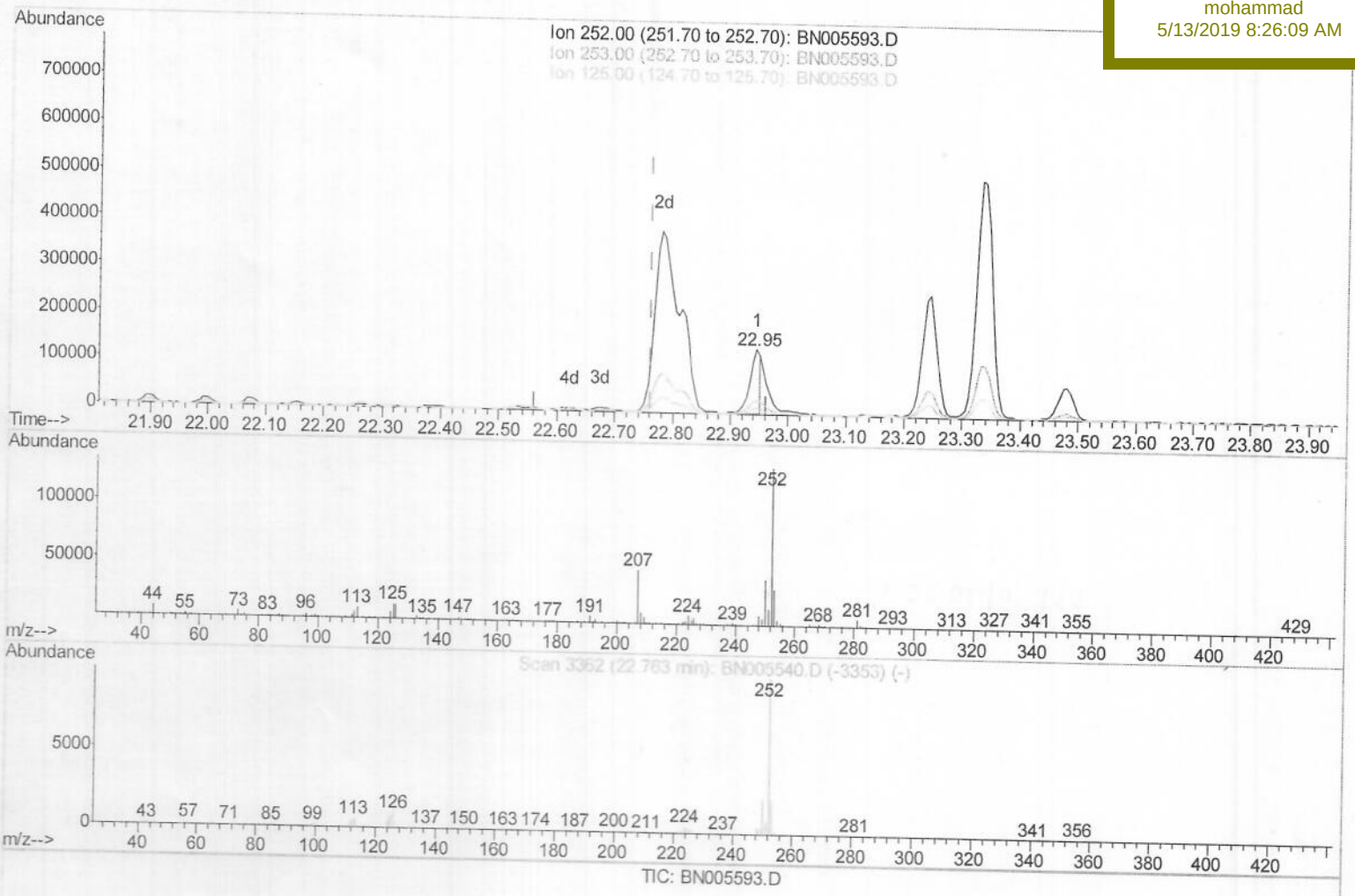
Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:09 AM



(87) Benzo(b)fluoranthene

22.945min (+0.182) 5.04ng/ul

response 169494

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.66
125.00	10.50	9.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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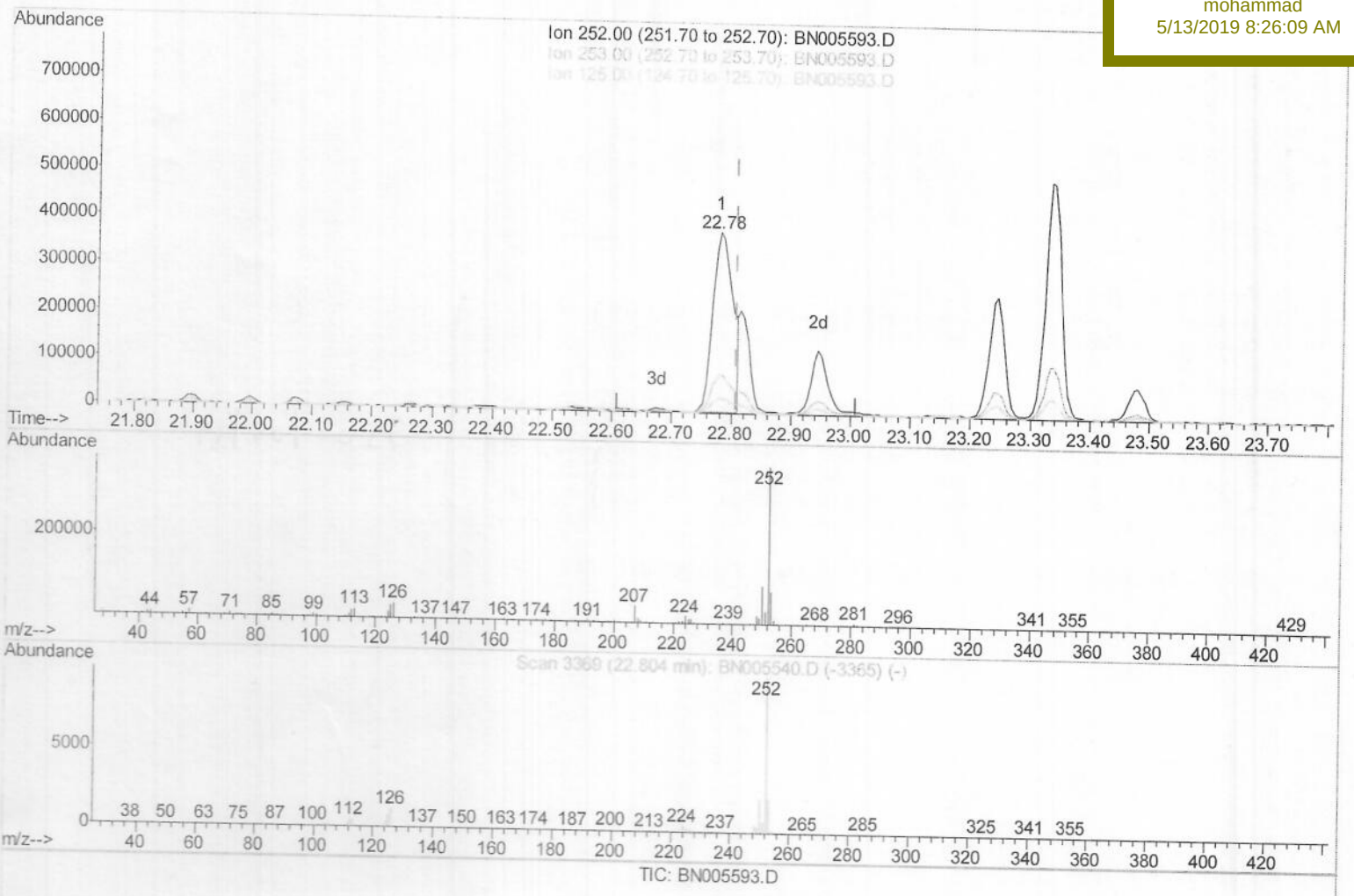
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:09 AM



TIC: BN005593.D

(88) Benzo(k)fluoranthene

22.780min (-0.029) 27.96ng/ul

response 897755

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.40
125.00	9.40	8.28
0.00	0.00	0.00

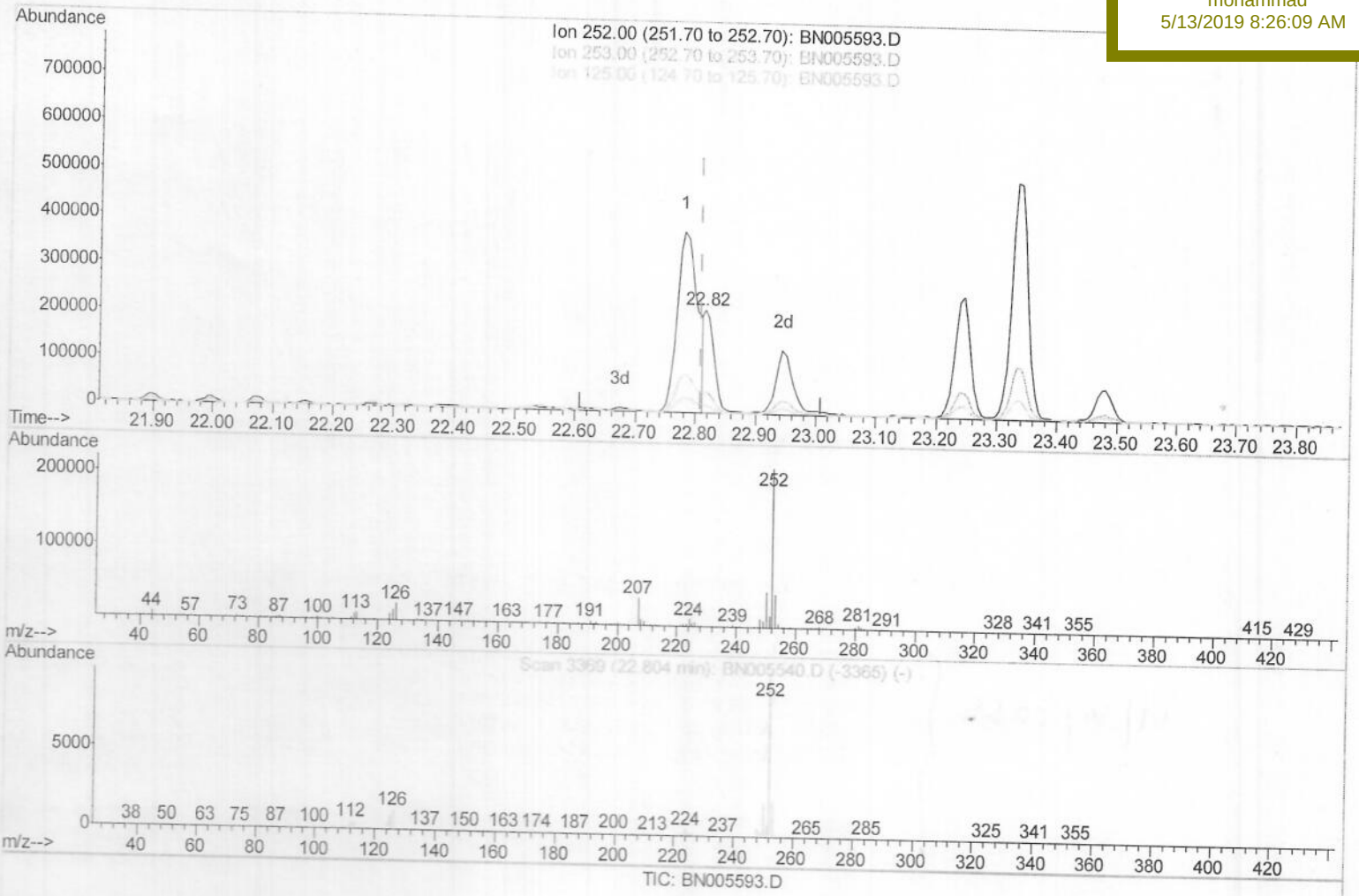
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:09 AM



(88) Benzo(k)fluoranthene

22.816min (+0.006) 8.16ng/ul m

response 262012

JU 05/12/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.21
125.00	9.40	6.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
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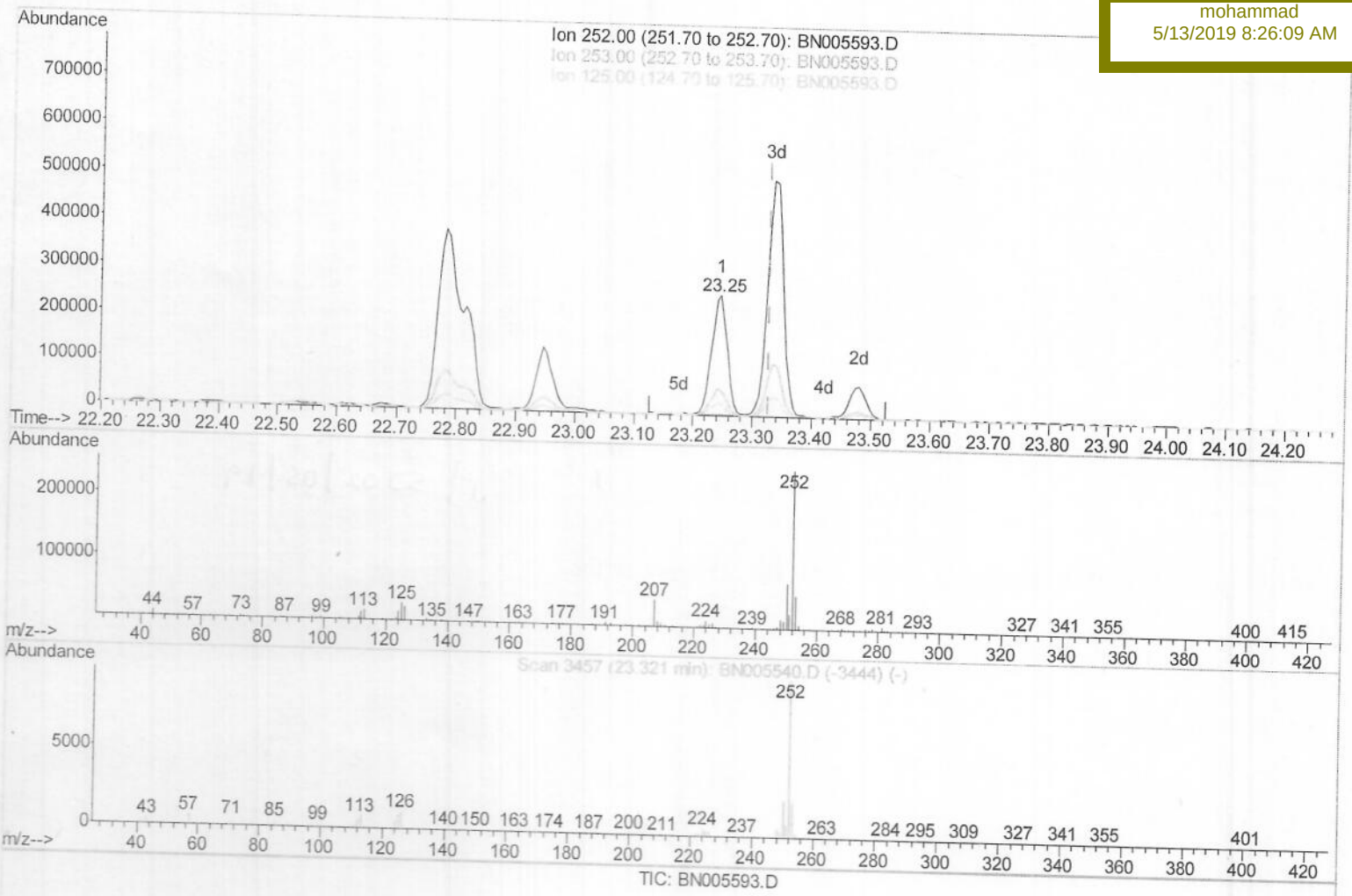


(90) Benzo(a)pyrene (C)

23.245min (-0.082) 14.51ng/ul

response 458368

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.58
125.00	10.80	10.94
0.00	0.00	0.00

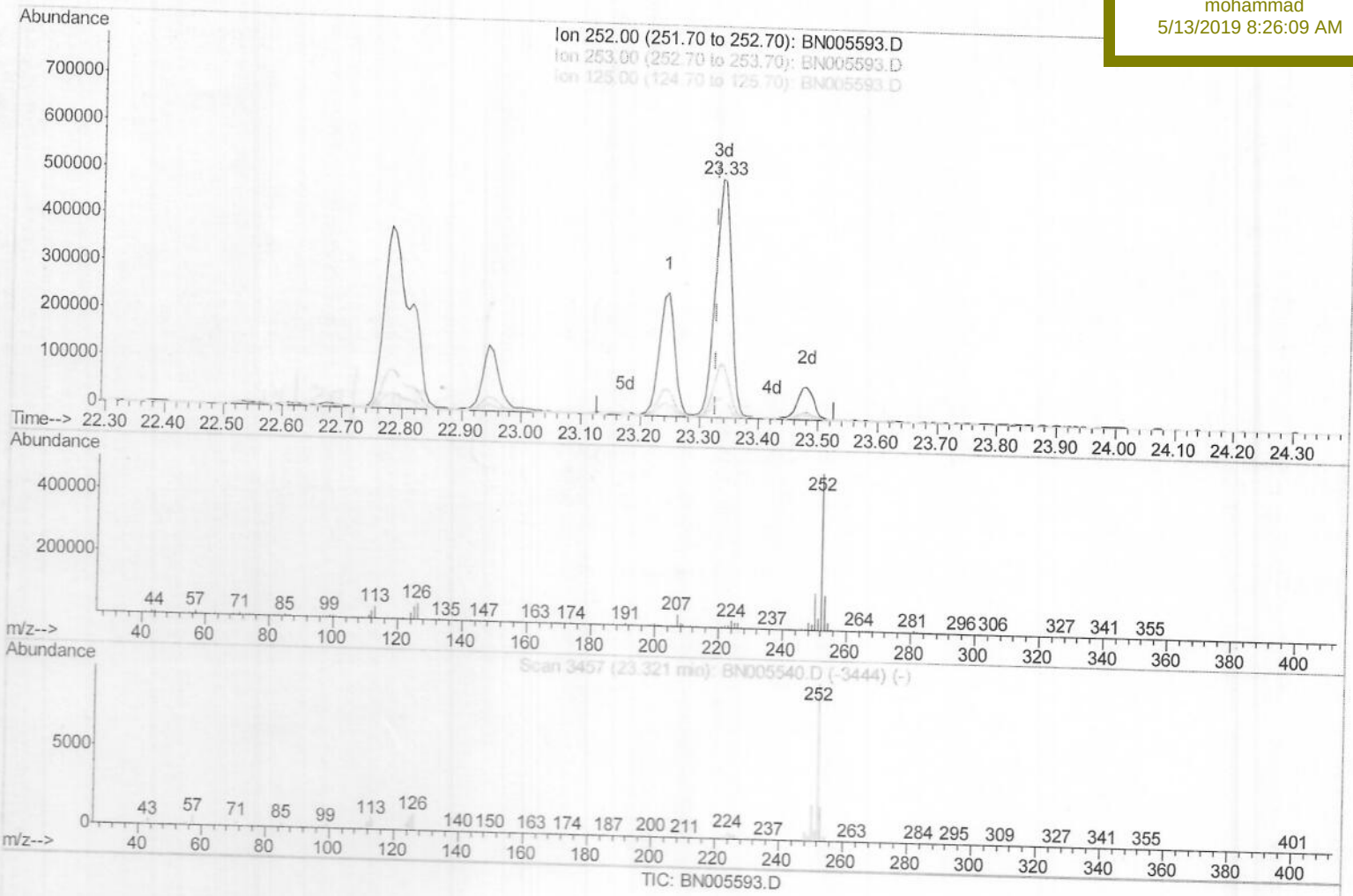
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:09 AM



TIC: BN005593.D

(90) Benzo(a)pyrene (C)

23.333min (+0.006) 29.78ng/ul m

response 940987

JU
05/12/19

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.30
125.00	10.80	8.43#
0.00	0.00	0.00

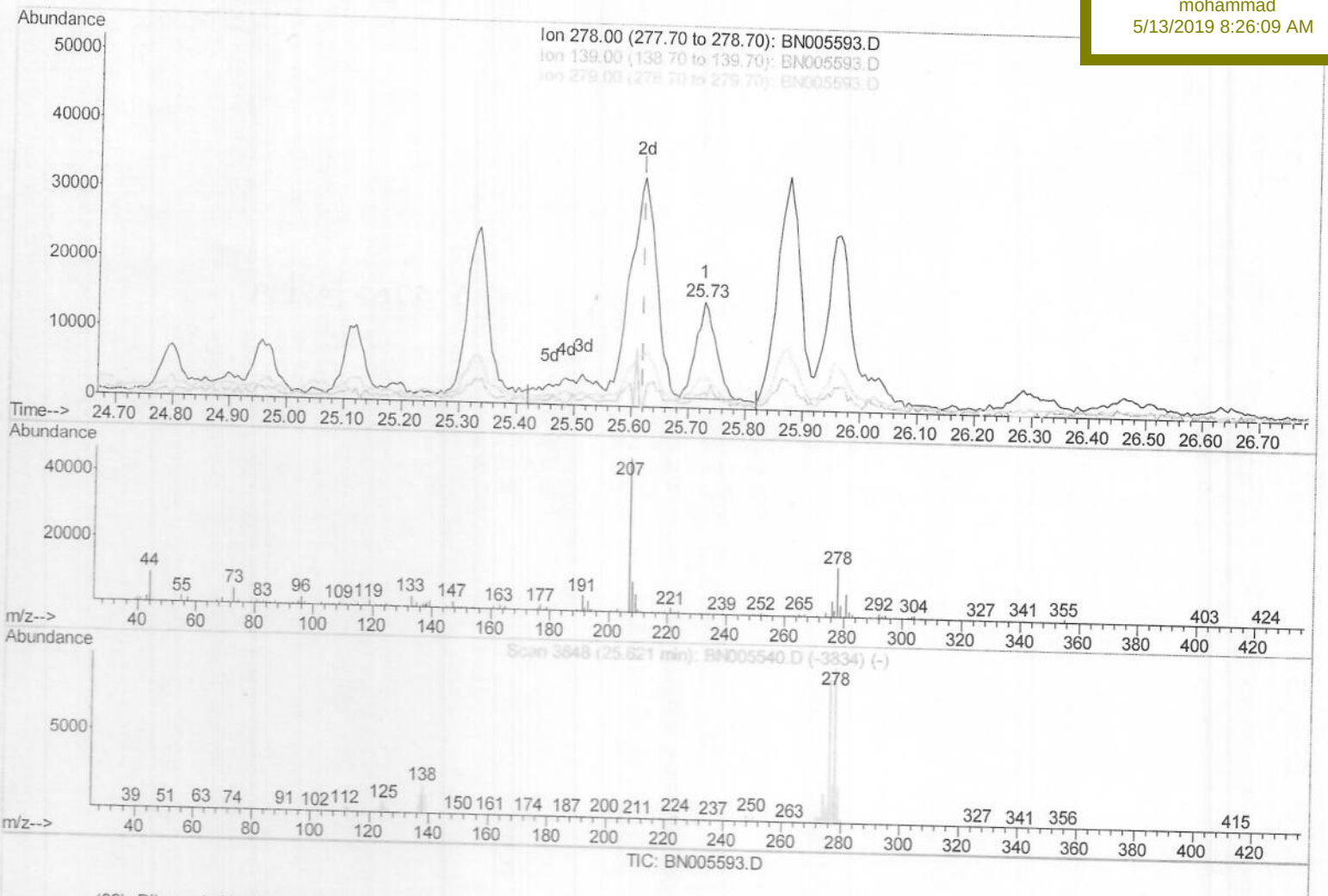
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ62ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:09 AM



TIC: BN005593.D

(92) Dibenzo(a,h)anthracene

25.727min (+0.106) 1.13ng/ul

response 33360

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	15.19
279.00	24.20	25.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:28:17 2019
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Instrument :
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Manual Integrations APPROVED
mohammad
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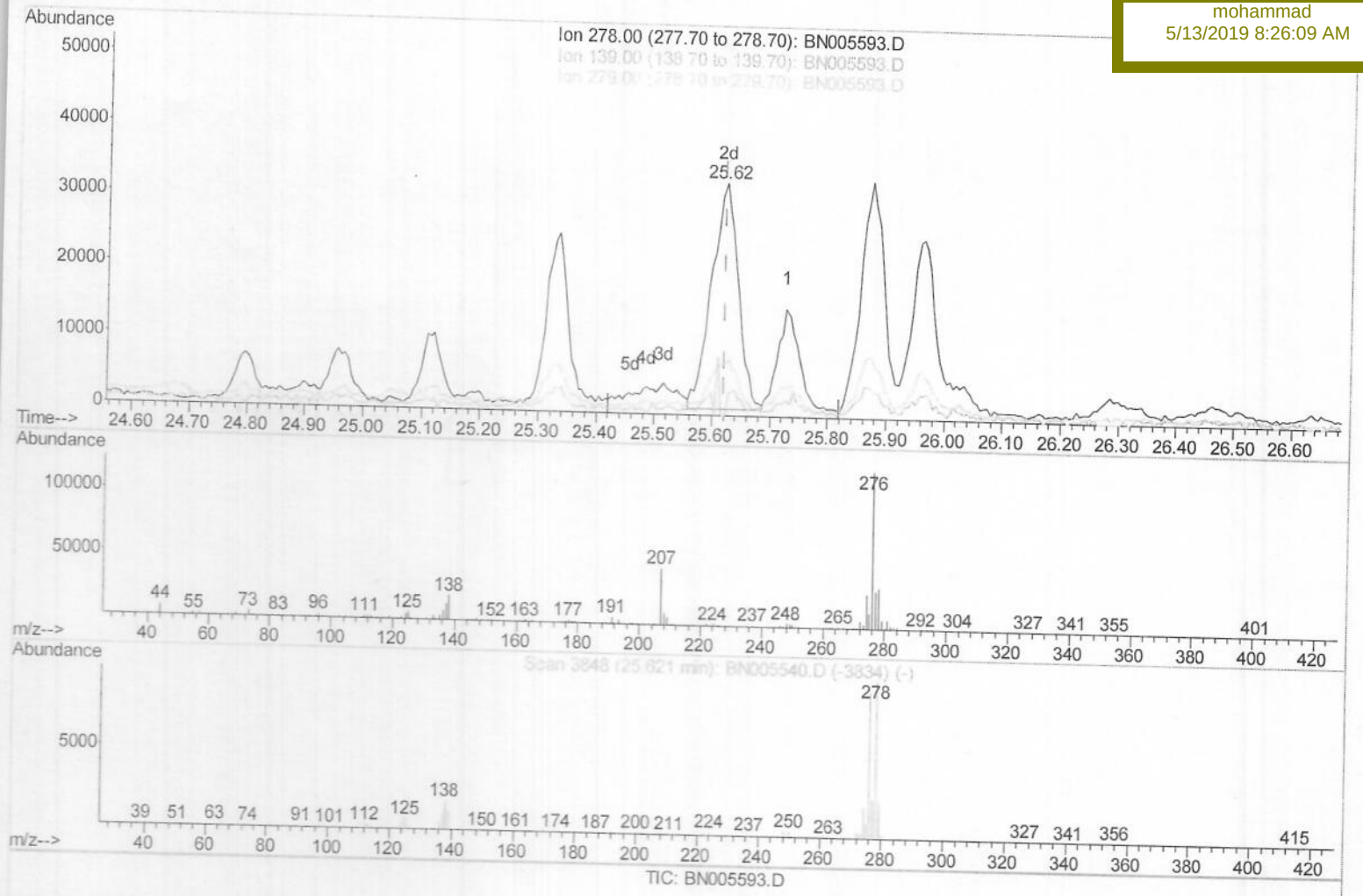

(92) Dibenzo(a,h)anthracene

25.621min (+0.000) 3.43ng/ul m

response 101795

JU 05/12/19

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	0.00#
279.00	24.20	22.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
Data File : BN005593.D
Acq On : 10 May 2019 17:56
Operator : JU/SJ
Sample : K2603-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 18:32:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 10 13:02:24 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : GAJ62ME

Manual Integrations APPROVED
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5/13/2019 8:26:09 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	124004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	509626	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	309679	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	674359	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	618145	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	598032	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	10336	4.02	ng/uL	0.00
5) Phenol-d5	6.77	99	210259	21.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	133843	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	183628	24.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	157614	20.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	101344	32.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	114182	35.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	186613	25.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	225787	30.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	645817	28.73	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	768394	27.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	62573	17.63	ng/ul	0.00
57) Fluorene-d10	15.22	176	538507	28.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	68079	22.45	ng/ul	0.00
70) Anthracene-d10	17.07	188	797391	28.21	ng/ul	0.00
78) Pyrene-d10	19.39	212	883204	27.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	727991	27.85	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.40	128	12697141	535.932	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	3122557	180.002	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	465438	20.172	ng/ul#	98
44) Dimethylphthalate	13.68	163	50969	2.275	ng/ul	100
47) Acenaphthylene	13.93	152	1301707	47.973	ng/ul	98
49) Acenaphthene	14.28	153	1179628	63.681	ng/ul	100
53) Dibenzofuran	14.62	168	235197	8.819	ng/ul	97
58) Fluorene	15.27	166	1427049	68.571	ng/ul	98
69) Phenanthrene	17.02	178	6486931	197.517	ng/ul	99
71) Anthracene	17.11	178	1665562	49.783	ng/ul	98
74) Carbazole	17.39	167	101288	3.524	ng/ul	98
76) Fluoranthene	19.05	202	2942786	80.783	ng/ul	95
79) Pyrene	19.42	202	3952644	99.312	ng/ul#	95
82) Benzo(a)anthracene	21.20	228	1442085	37.501	ng/ul	96
84) Chrysene	21.25	228	1212750	33.980	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	911750m	27.122	ng/ul	
88) Benzo(k)fluoranthene	22.82	252	262012m	8.161	ng/ul	
90) Benzo(a)pyrene	23.33	252	940987m	29.780	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.62	276	323042	9.247	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.62	278	101795m	3.433	ng/ul	
93) Benzo(g,h,i)perylene	26.29	276	268038	9.279	ng/ul#	92

JU 05/12/19

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
5/13/2019 8:26:09 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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