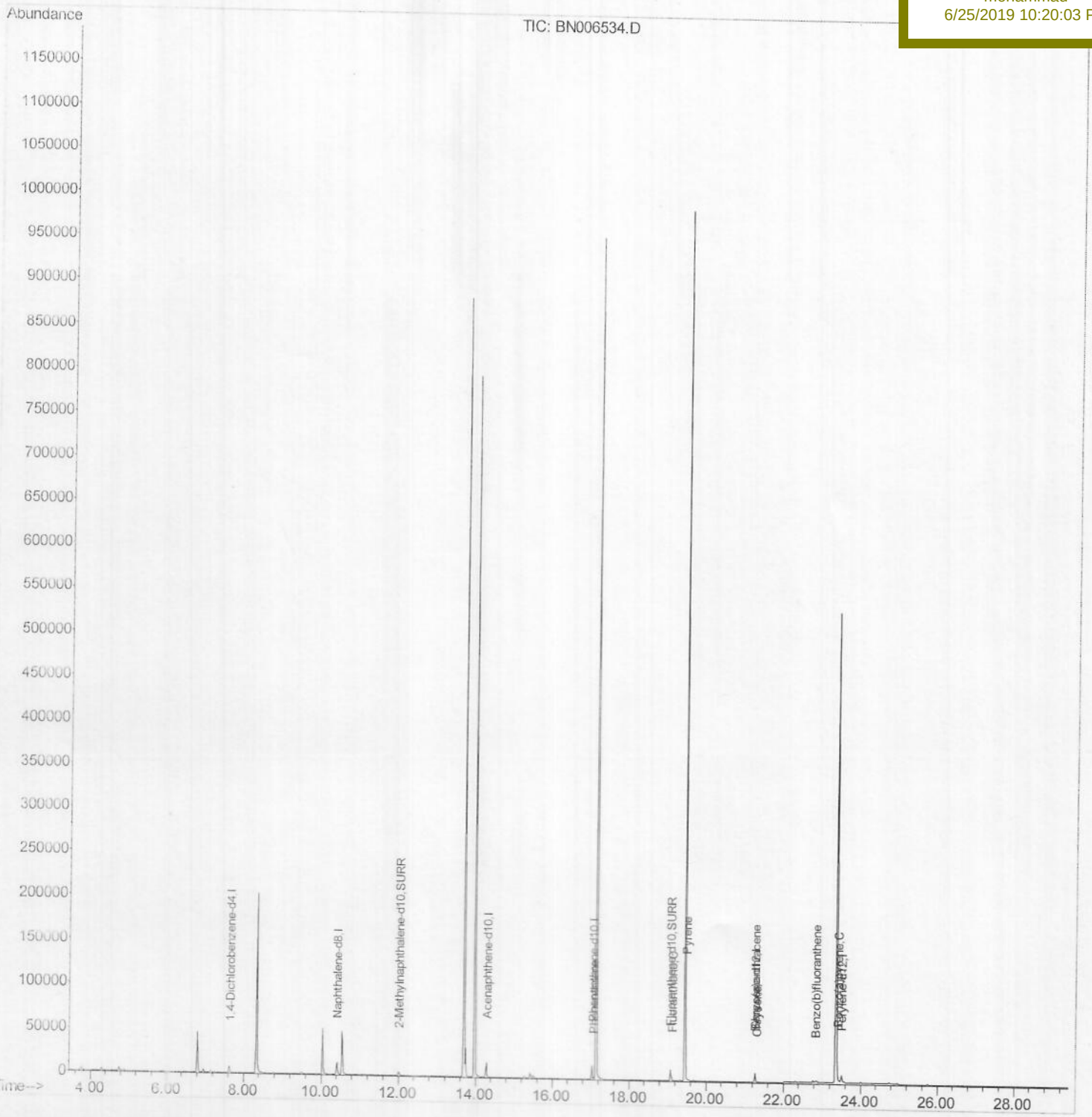
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:51:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



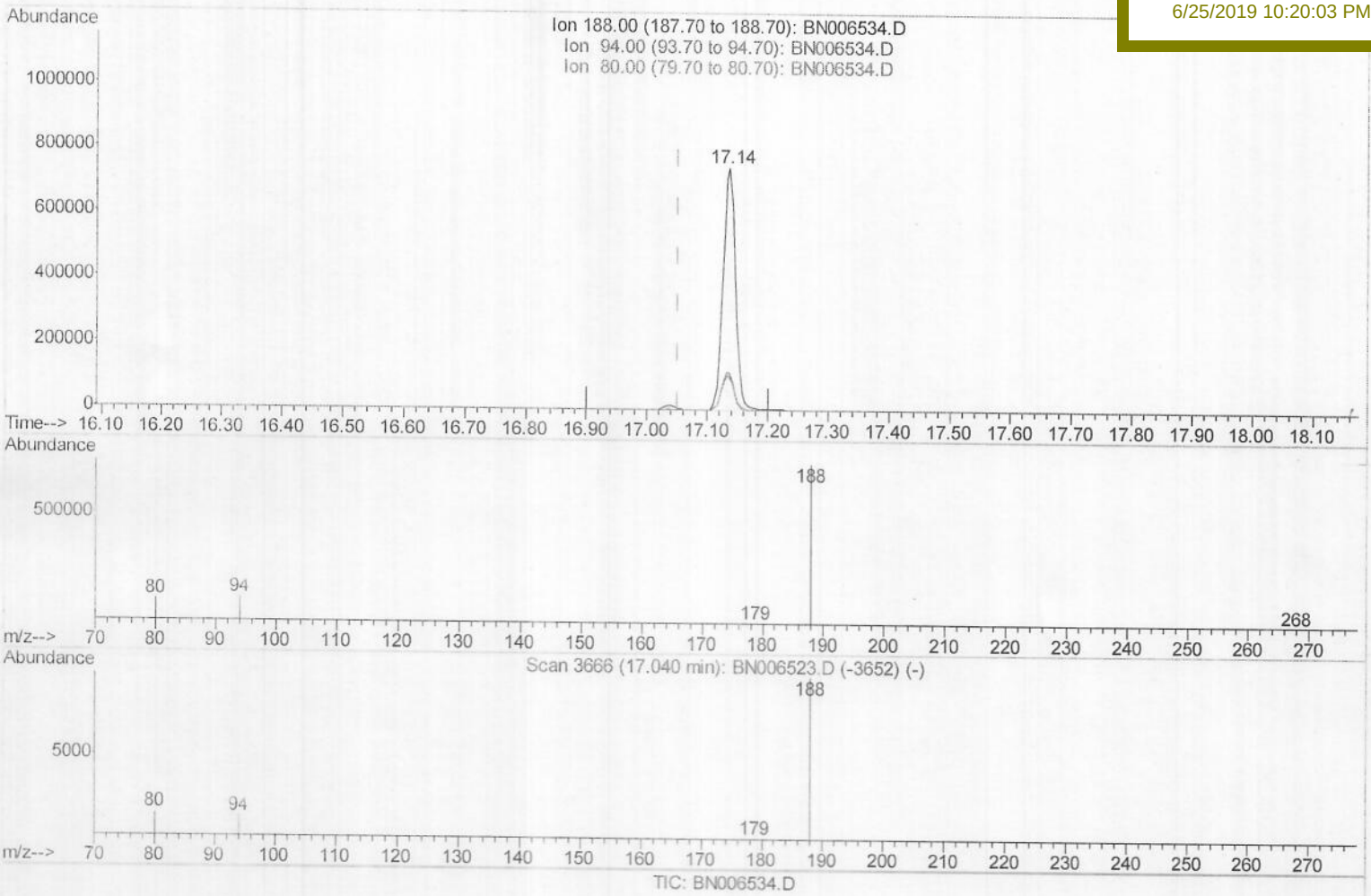
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 00:44:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



(10) Phenanthrene-d10 (I)

17.137min (+0.084) 0.40ng/ul

response 1038899

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.94
80.00	13.60	13.46
0.00	0.00	0.00

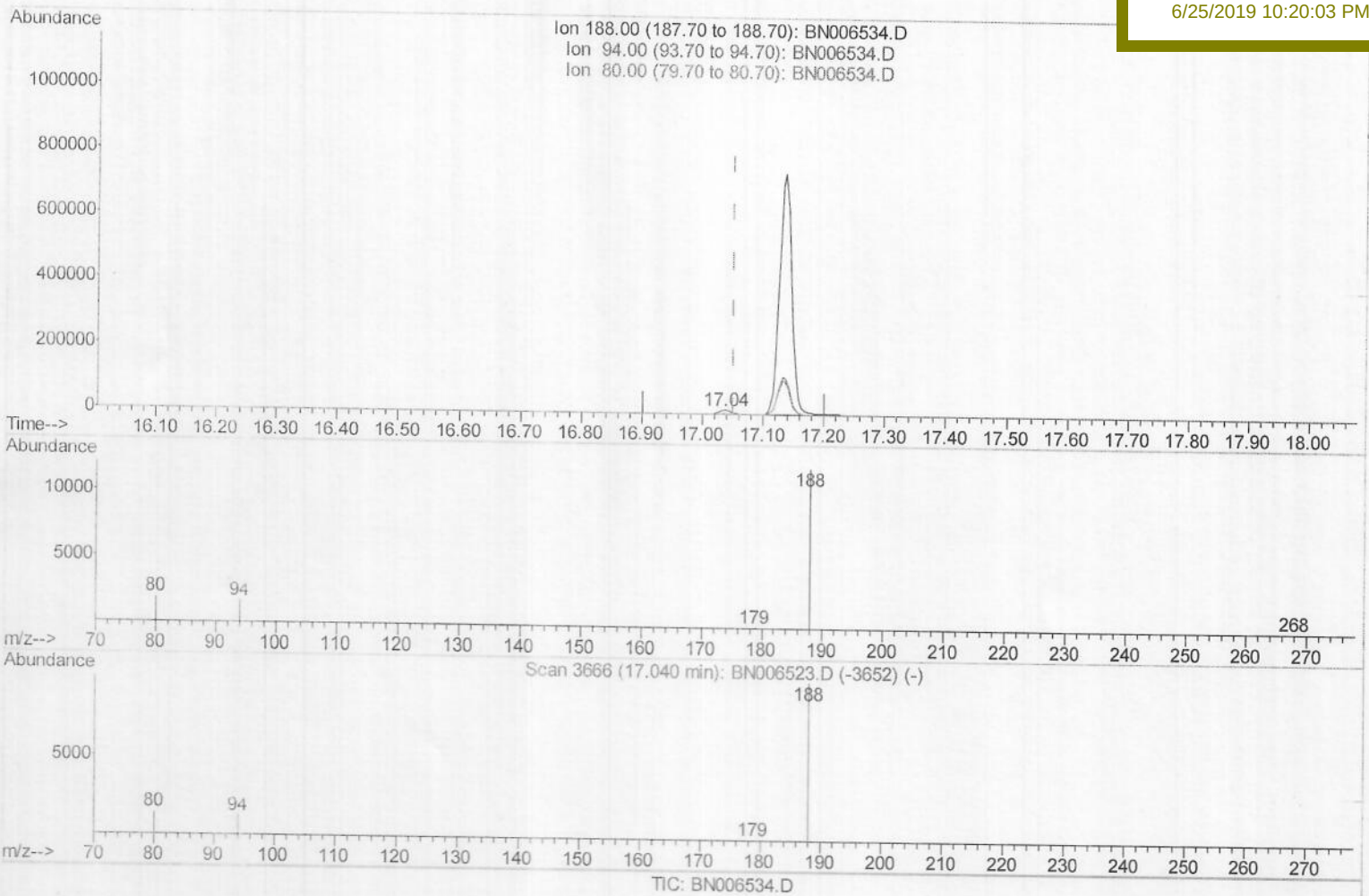
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 00:44:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



TIC: BN006534.D

(10) Phenanthrene-d10 (I)

17.035min (-0.017) 0.40ng/ul m JU 06/26/19

response 17780

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.87
80.00	13.60	15.57
0.00	0.00	0.00

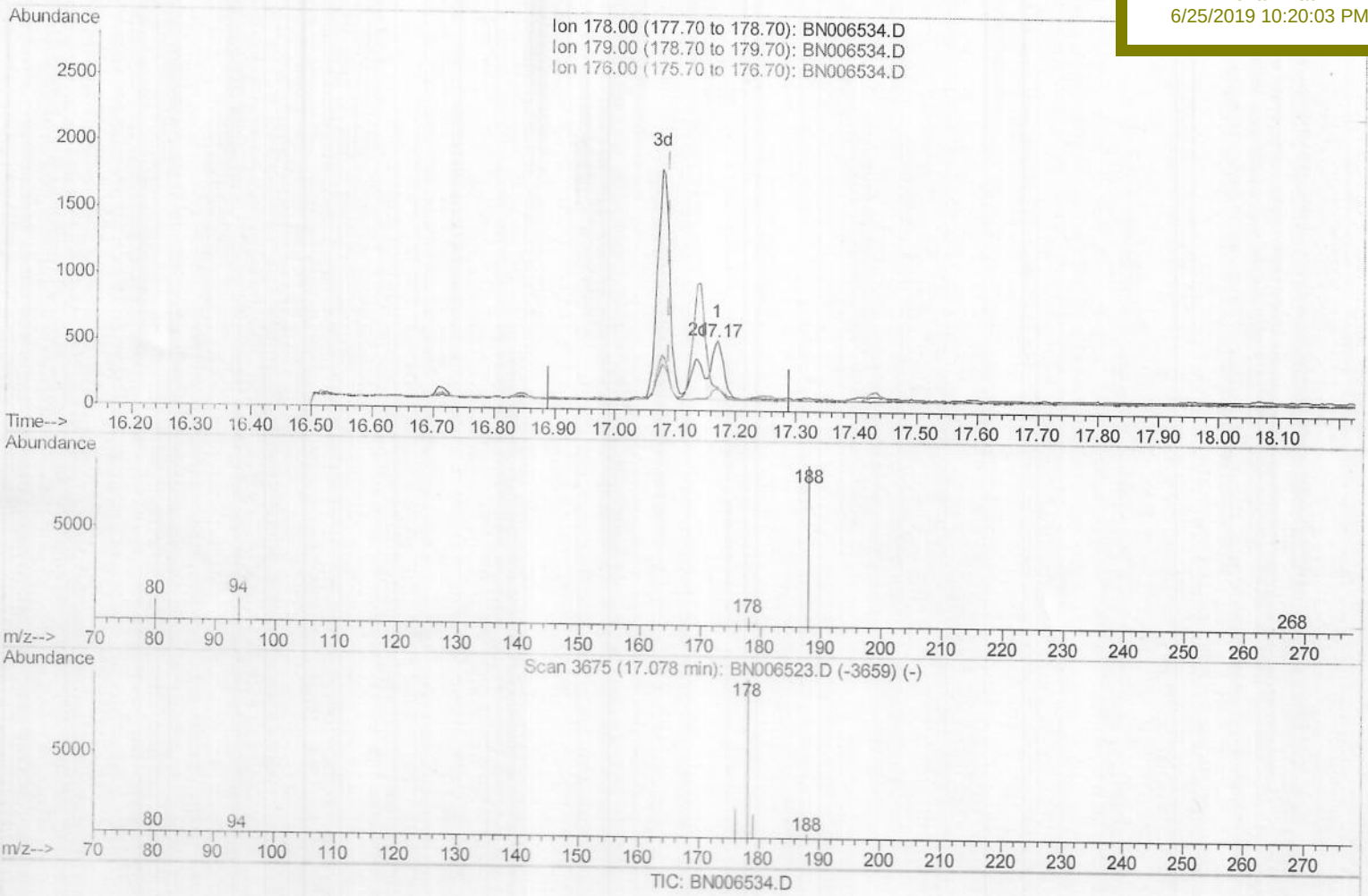
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



TIC: BN006534.D

(12) Phenanthrene

17.170min (+0.080) 0.01ng/ul

response 604

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	33.71#
176.00	19.10	30.73#
0.00	0.00	0.00

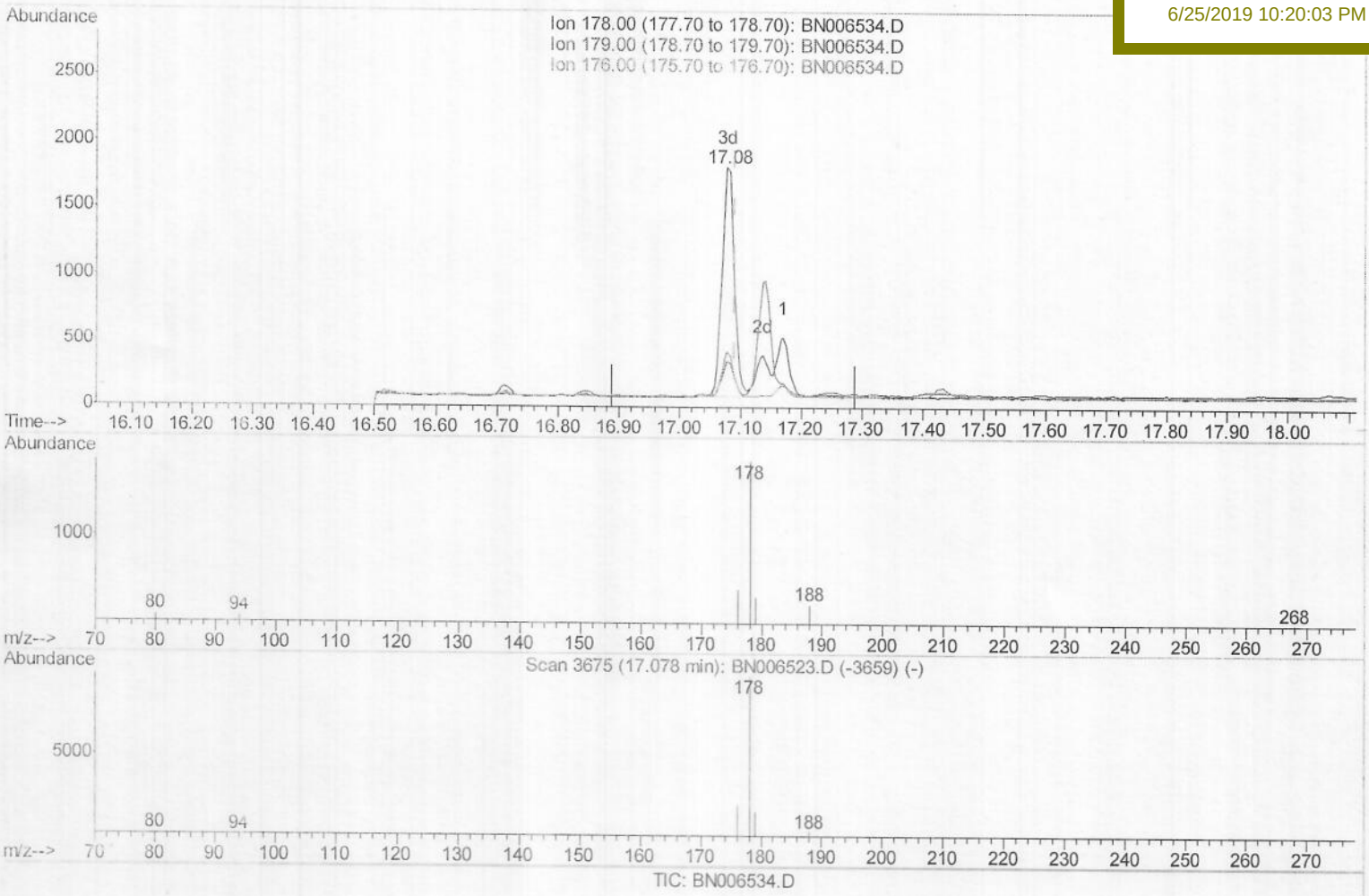
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



TIC: BN006534.D

(12) Phenanthrene

17.078min (-0.013) 0.04ng/ul m > JU 06/26/19

response 2436

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	19.03#
176.00	19.10	23.27#
0.00	0.00	0.00

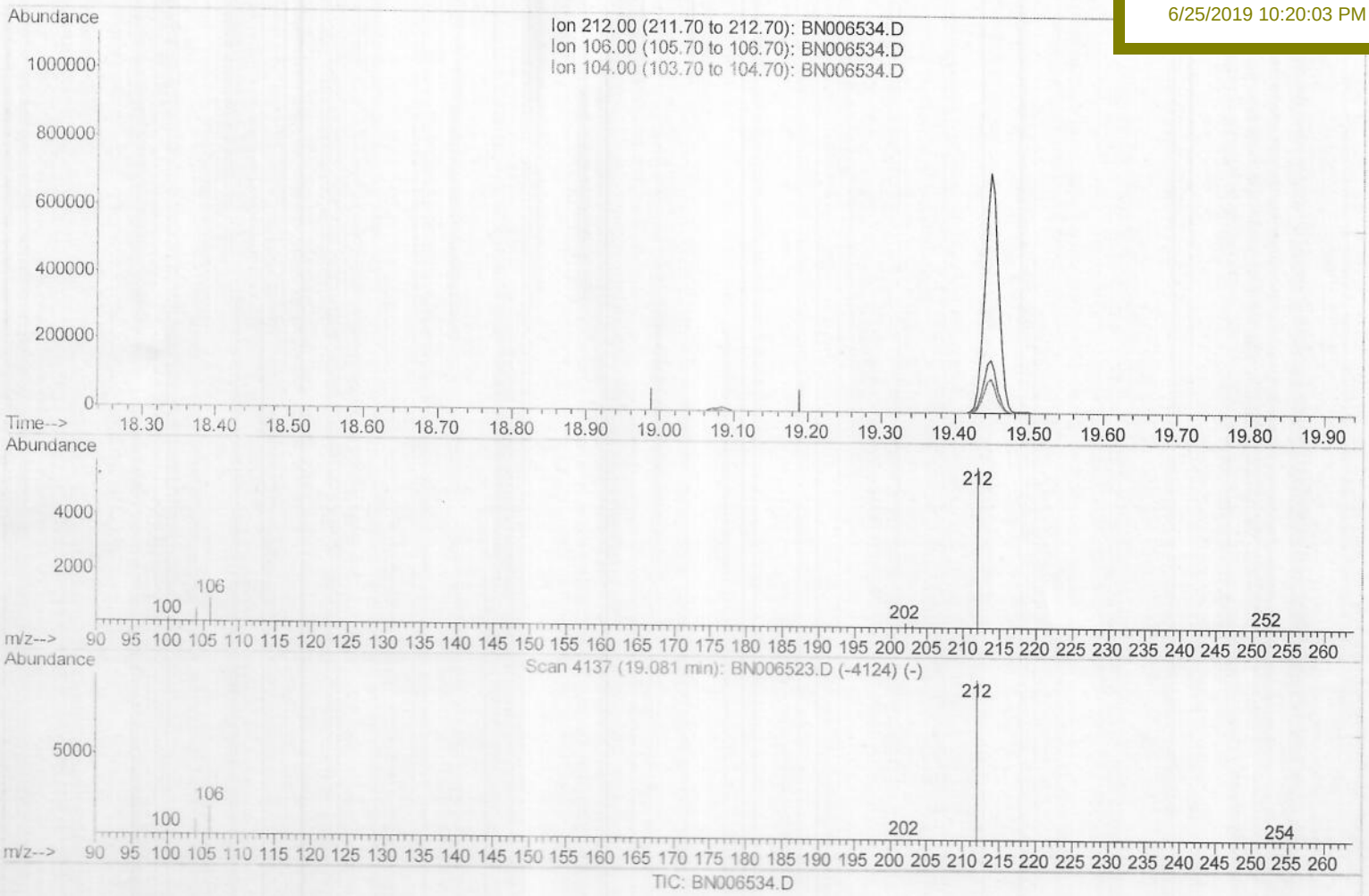
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

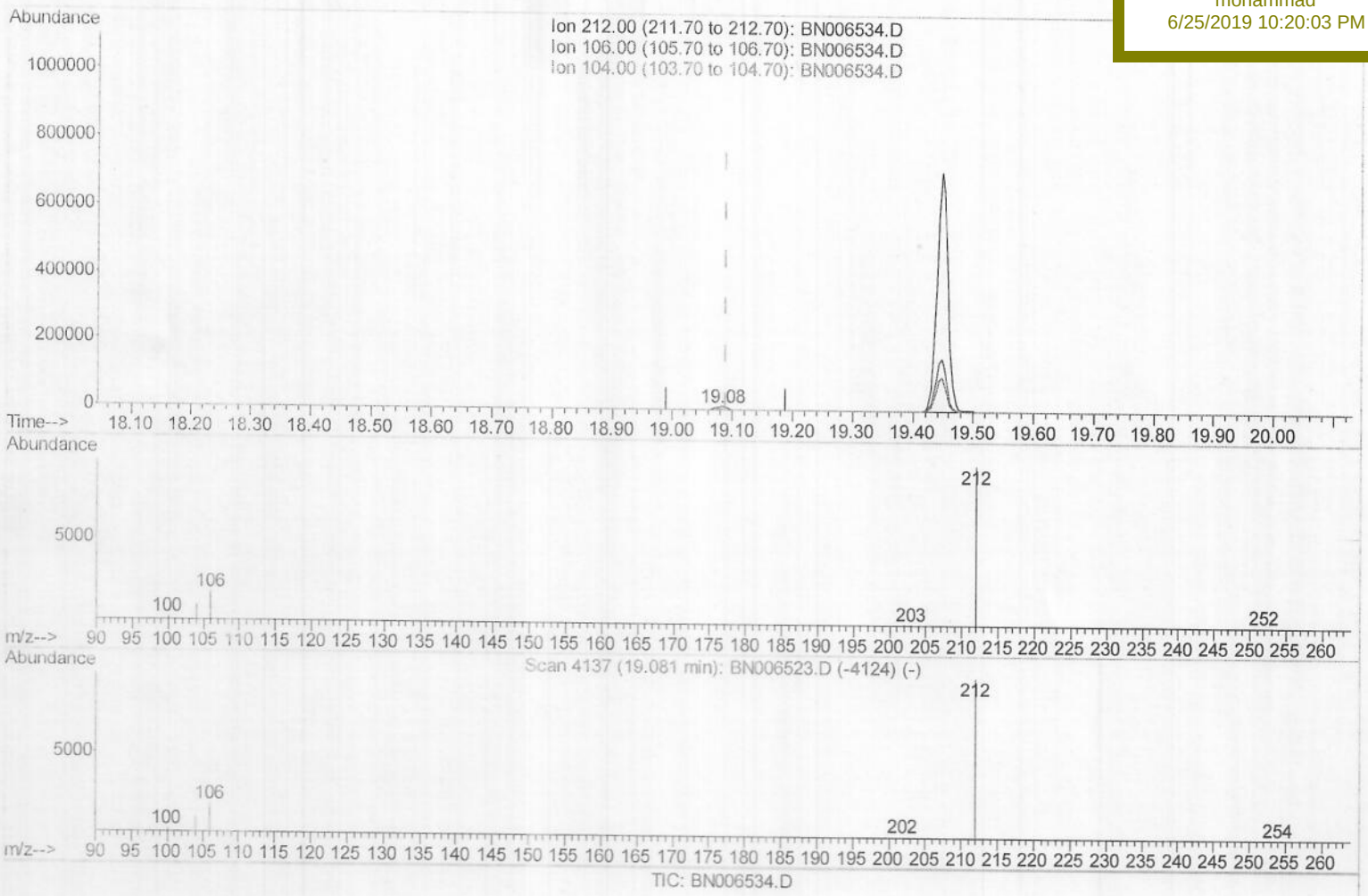
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



(14) Fluoranthene-d10 (SURR)

19.081min (-0.009) 0.28ng/ul m > JU 06/26/19

response 13599

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

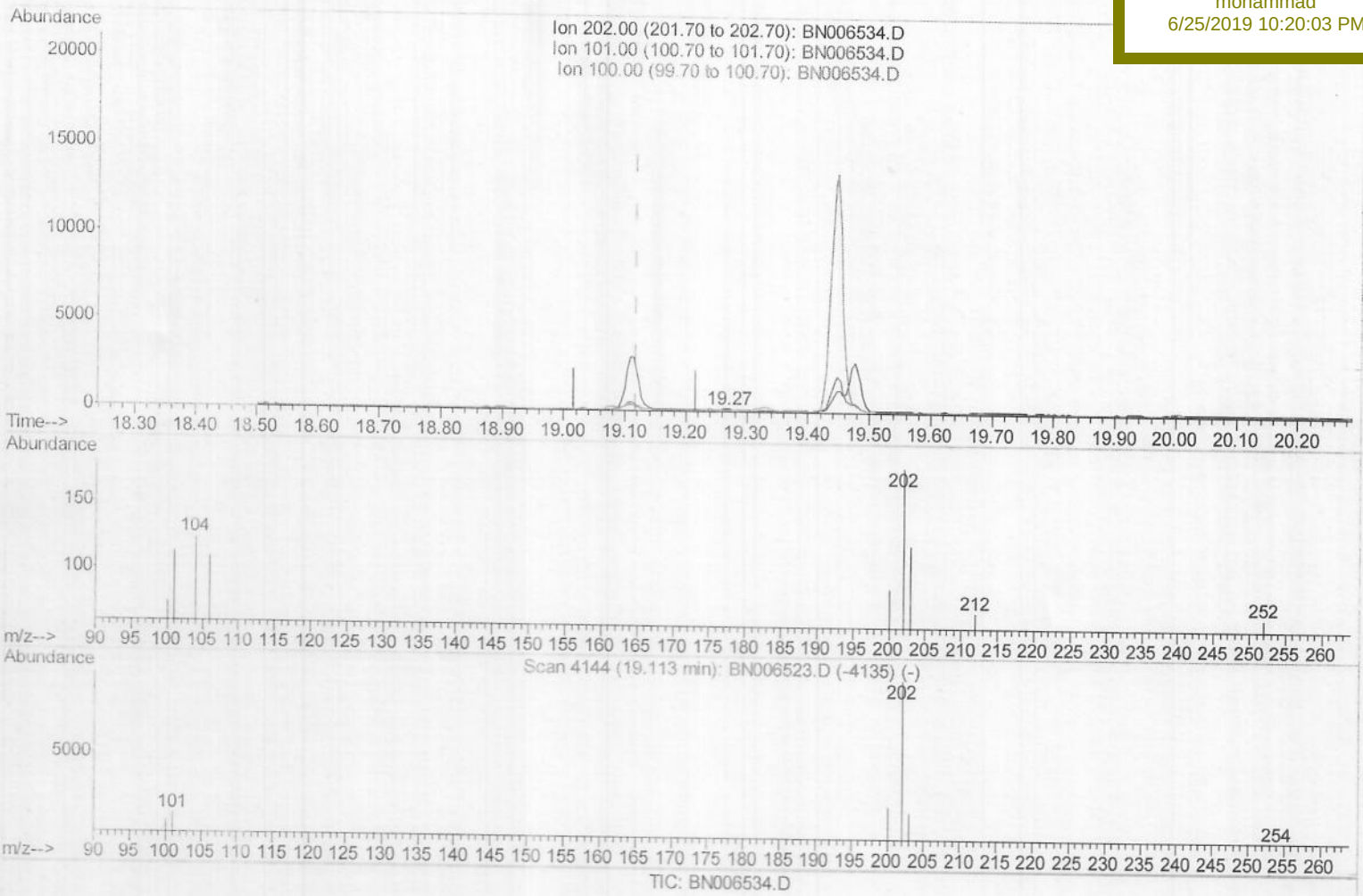
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



TIC: BN006534.D

(15) Fluoranthene (C)

19.267min (+0.149) 0.00ng/ul

response 144

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	62.22#
100.00	8.70	42.22#
0.00	0.00	0.00

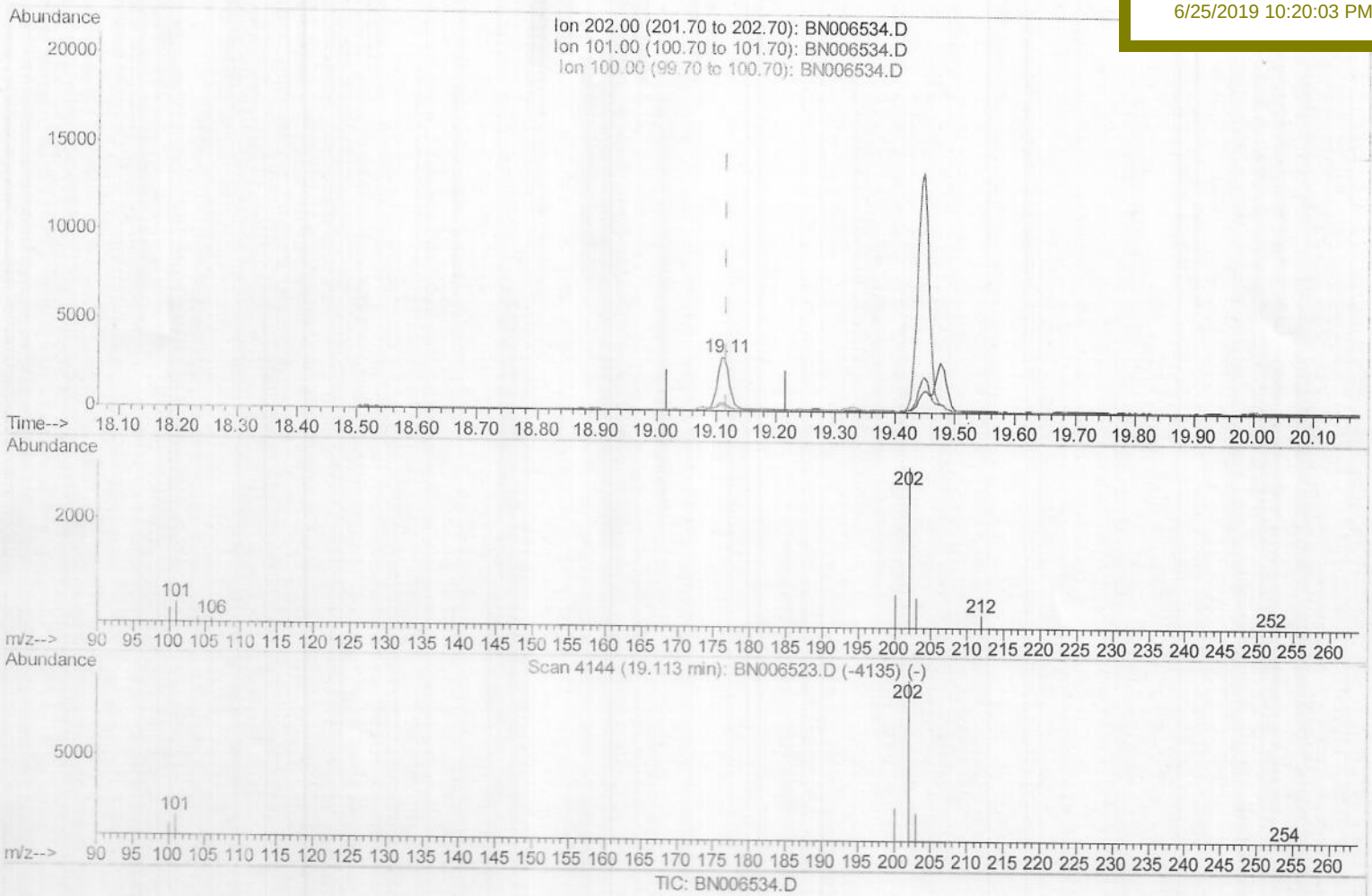
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



TIC: BN006534.D

(15) Fluoranthene (C)

19.113min (-0.005) 0.07ng/ul m > JU 06/26/19

response 4293

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.30
100.00	8.70	10.61
0.00	0.00	0.00

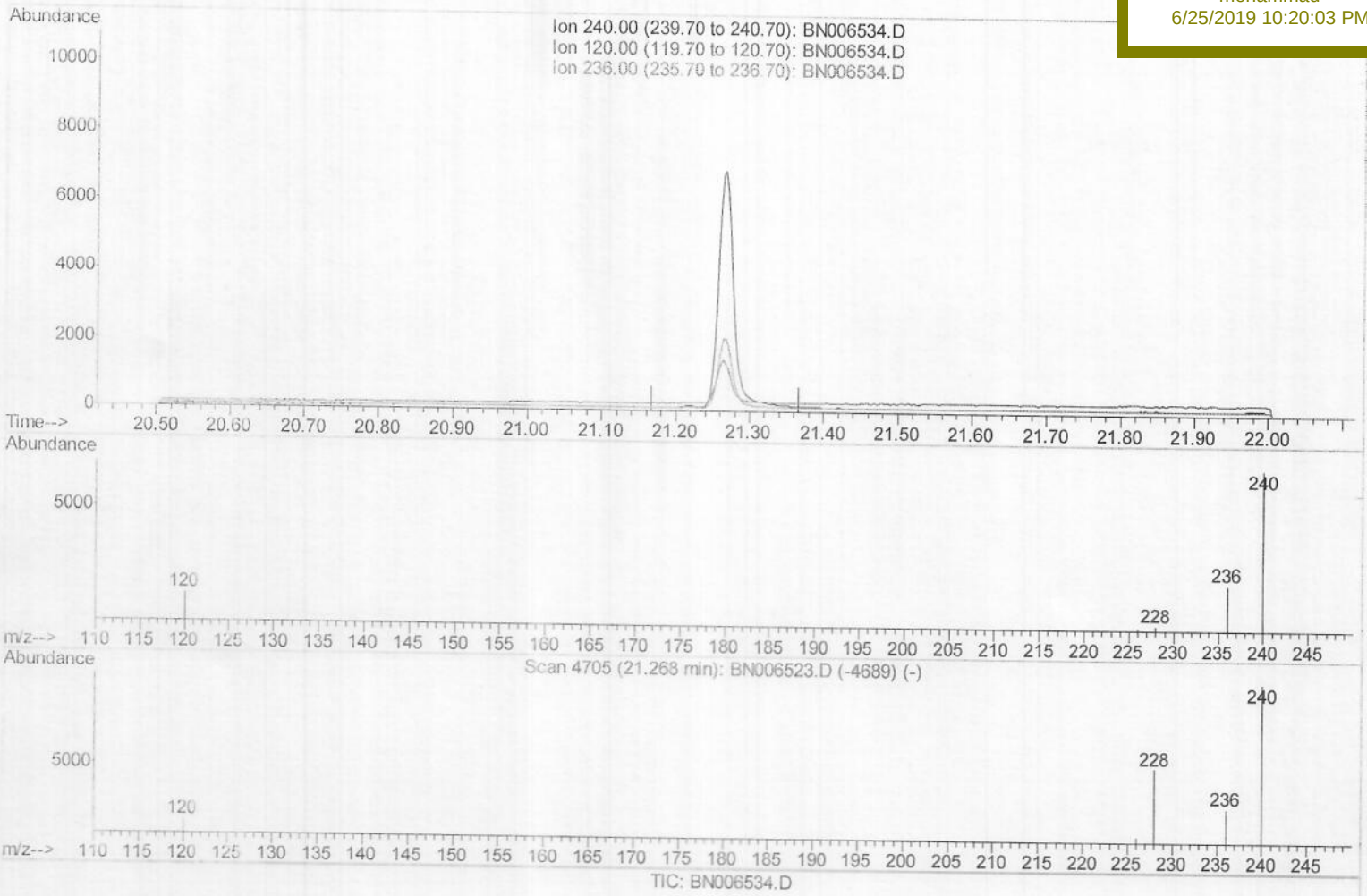
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

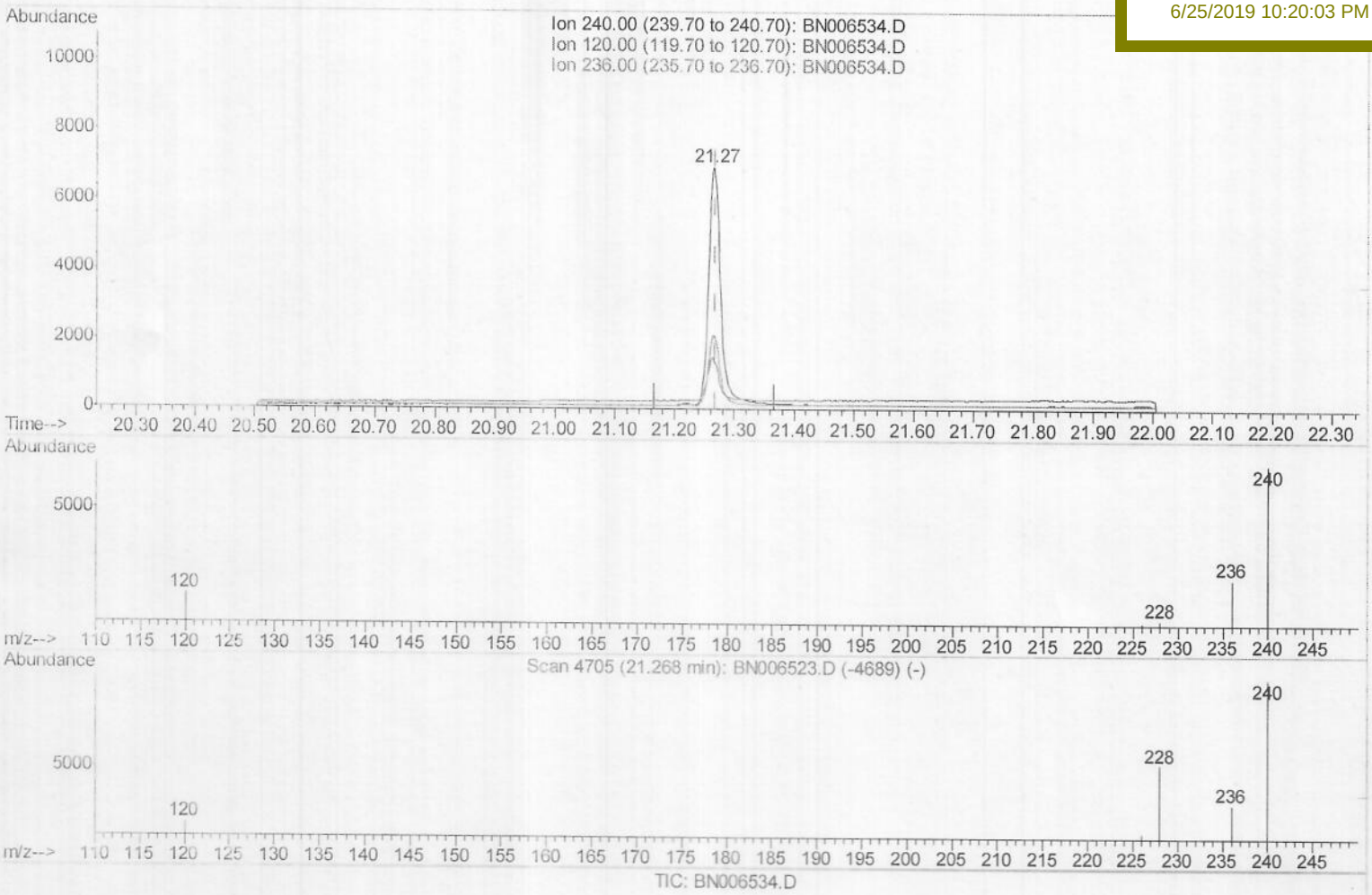
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:47:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



TIC: BN006534.D

(16) Chrysene-d12 (I)

21.267min (-0.001) 0.40ng/ul m JU 06/26/19

response 9871

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.04
236.00	30.10	30.51
0.00	0.00	0.00

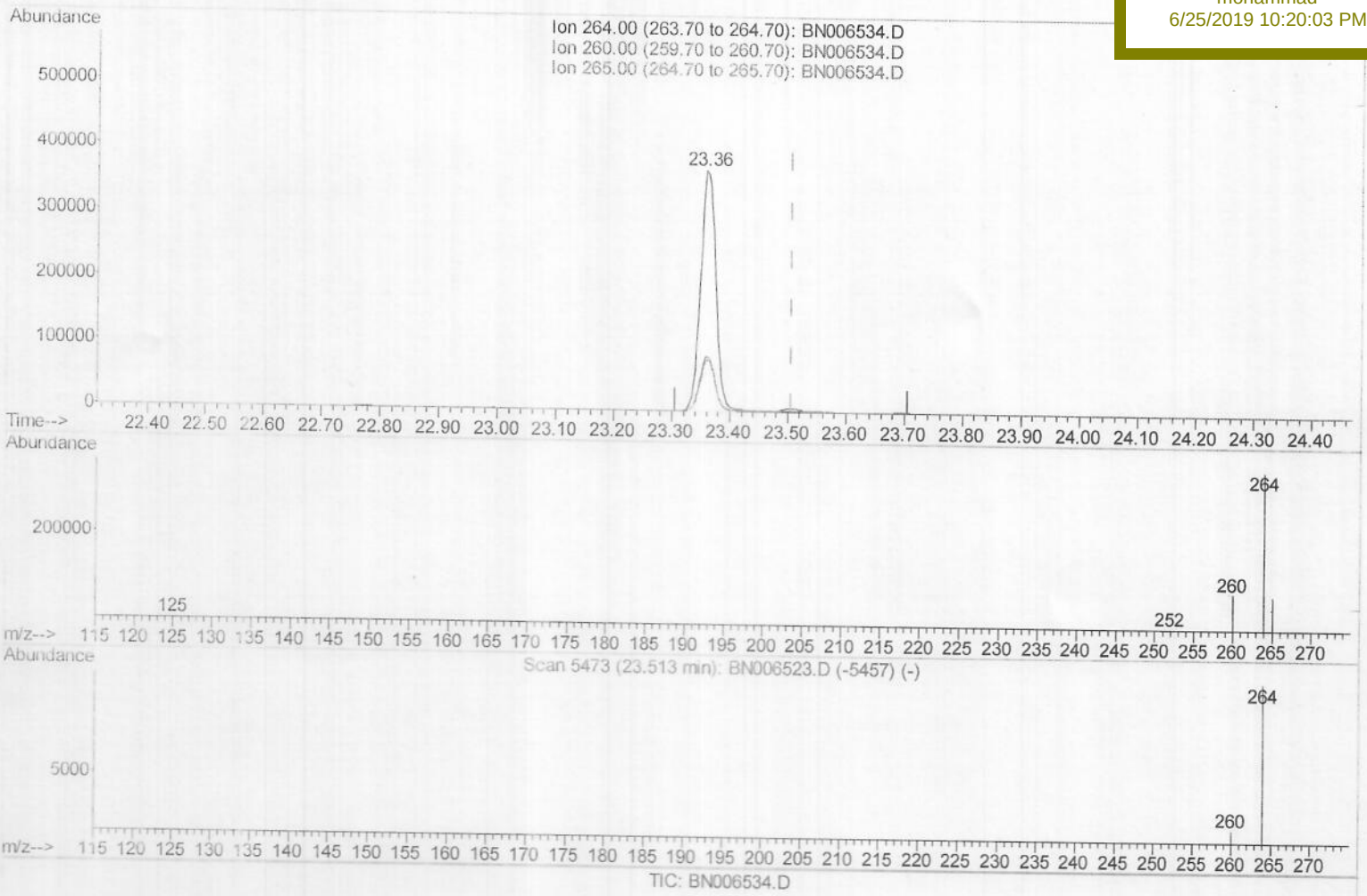
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:49:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



(20) Perylene-d12 (I)

23.360min (-0.147) 0.40ng/ul

response 675862

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.59#
265.00	44.70	21.40#
0.00	0.00	0.00

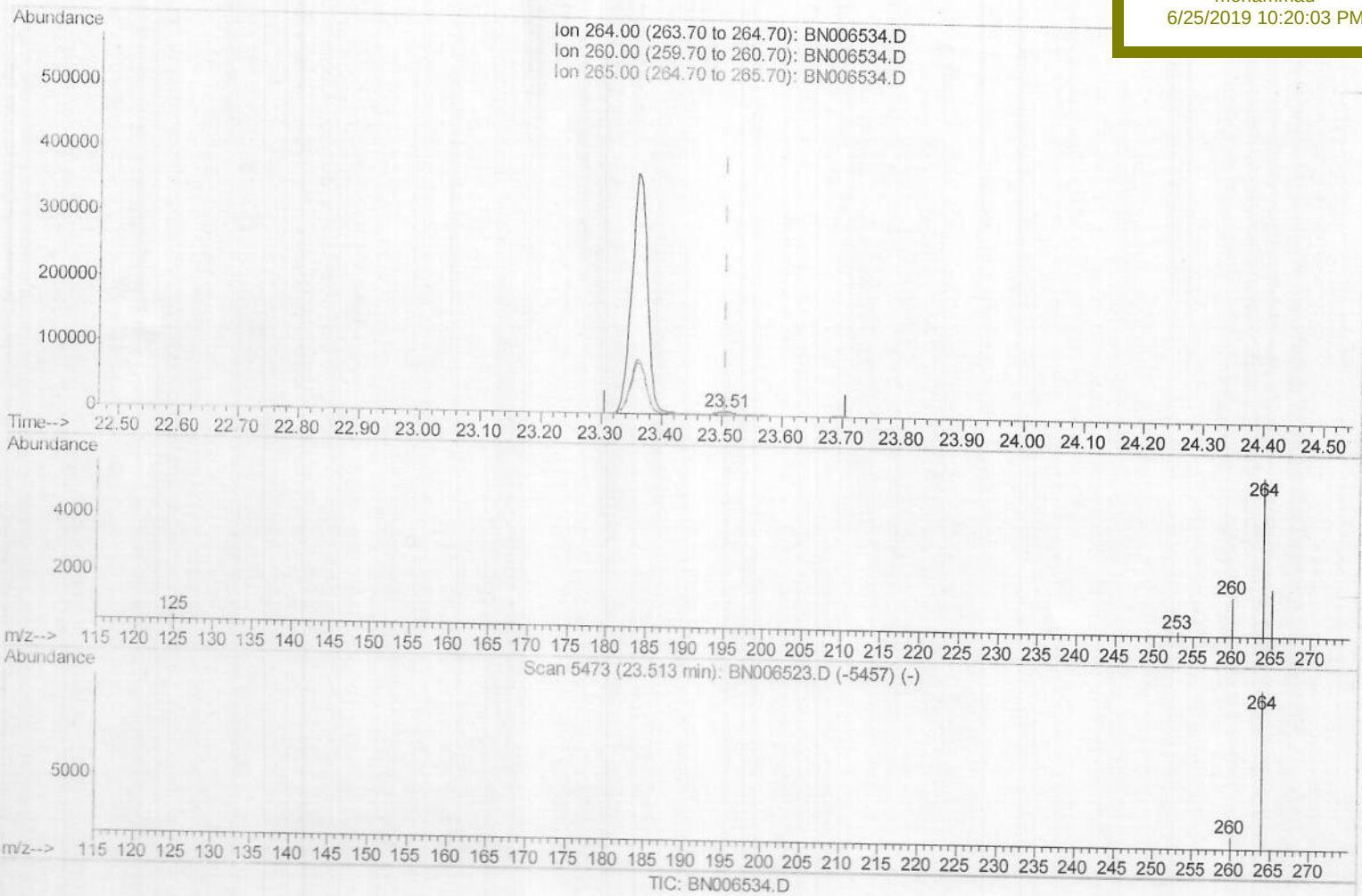
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:49:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



(20) Perylene-d12 (I)

23.506min (-0.001) 0.40ng/ul m

JU 06/26/19

response 9616

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.97
265.00	44.70	33.48#
0.00	0.00	0.00

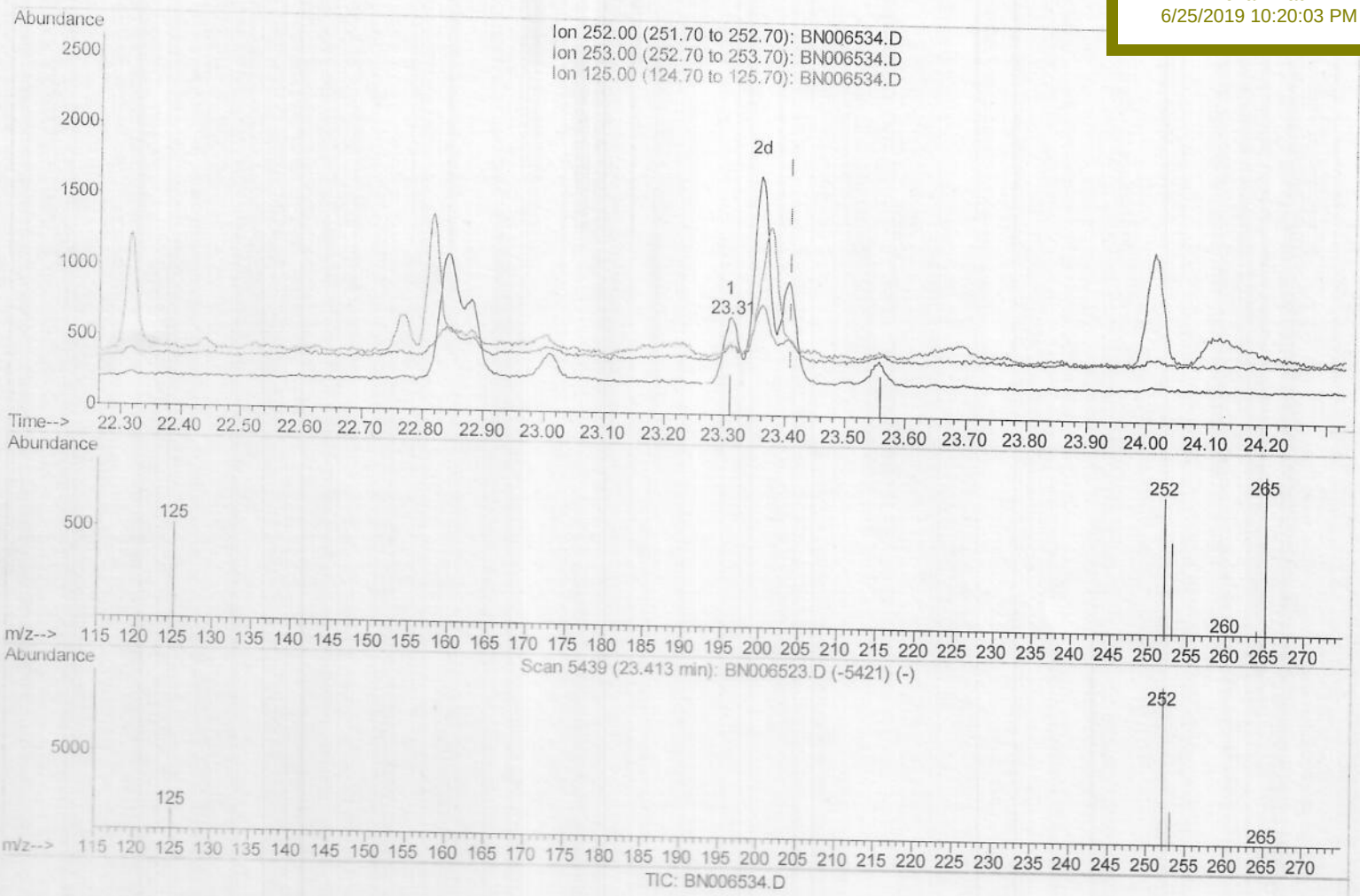
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:51:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



TIC: BN006534.D

(23) Benzo(a)pyrene (C)

23.310min (-0.101) 0.02ng/ul

response 829

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	72.32#
125.00	25.40	74.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 01:51:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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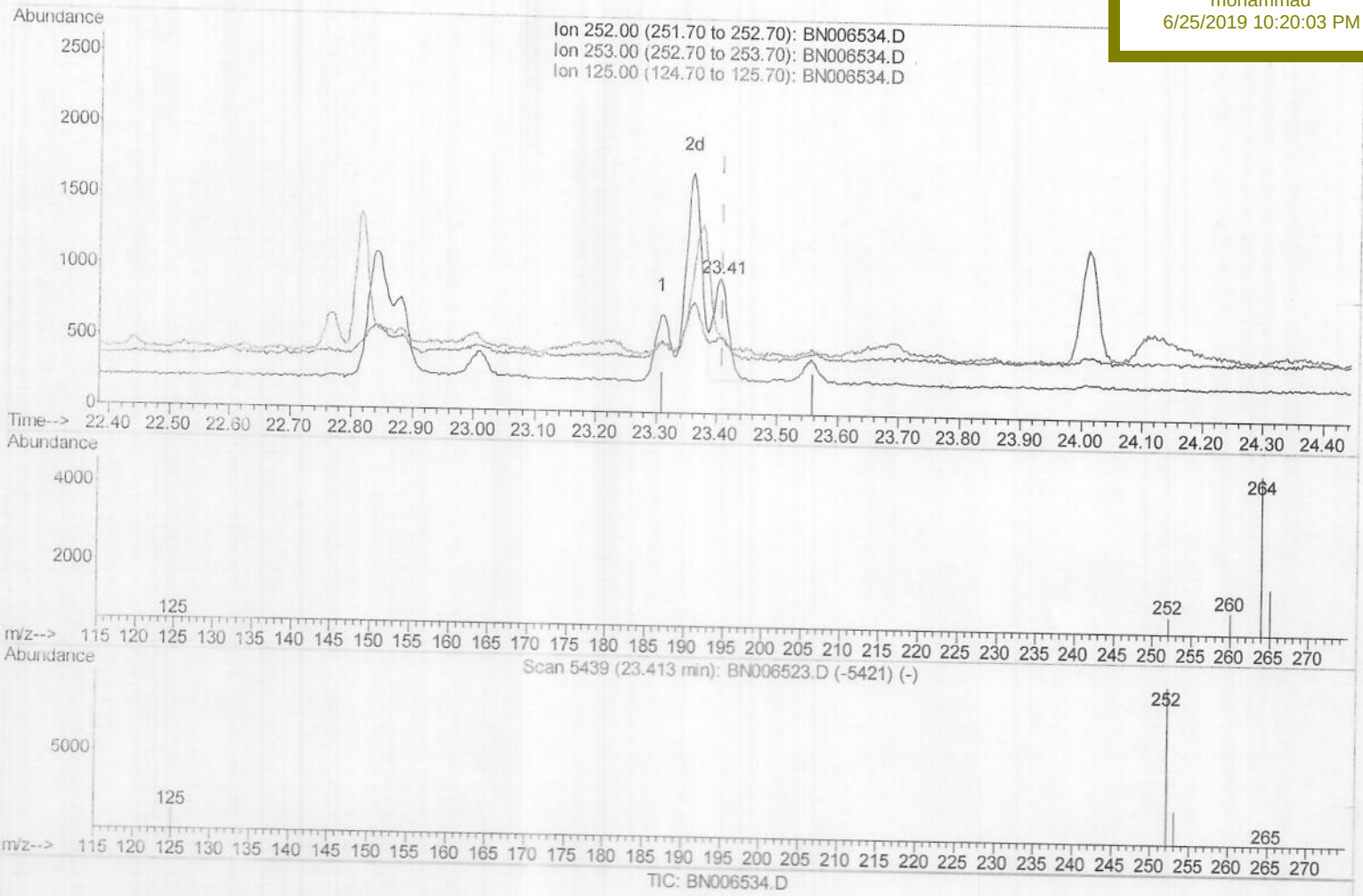
Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM



(23) Benzo(a)pyrene (C)

23.406min (-0.004) 0.03ng/ul m > JU 06/26/19

response 1220

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	57.37#
125.00	25.40	56.53#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006534.D
Acq On : 24 Jun 2019 17:02
Operator : HP/JU
Sample : K3362-13
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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ClientSampleId : A41X9

Manual Integrations APPROVED
mohammad
6/25/2019 10:20:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4943	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18550	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9247	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17780m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	9871m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	9616m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7234	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	13599m	0.28	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	2436m	0.043	ng/ul	
15) Fluoranthene	19.11	202	4293m	0.068	ng/ul	
17) Pyrene	19.48	202	3723	0.072	ng/ul#	90
18) Benzo(a)anthracene	21.25	228	1630	0.037	ng/ul#	81
19) Chrysene	21.30	228	1457	0.036	ng/ul#	82
21) Benzo(b)fluoranthene	22.84	252	2368	0.059	ng/ul#	37
23) Benzo(a)pyrene	23.41	252	1220m	0.033	ng/ul	

JU 06/26/19

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