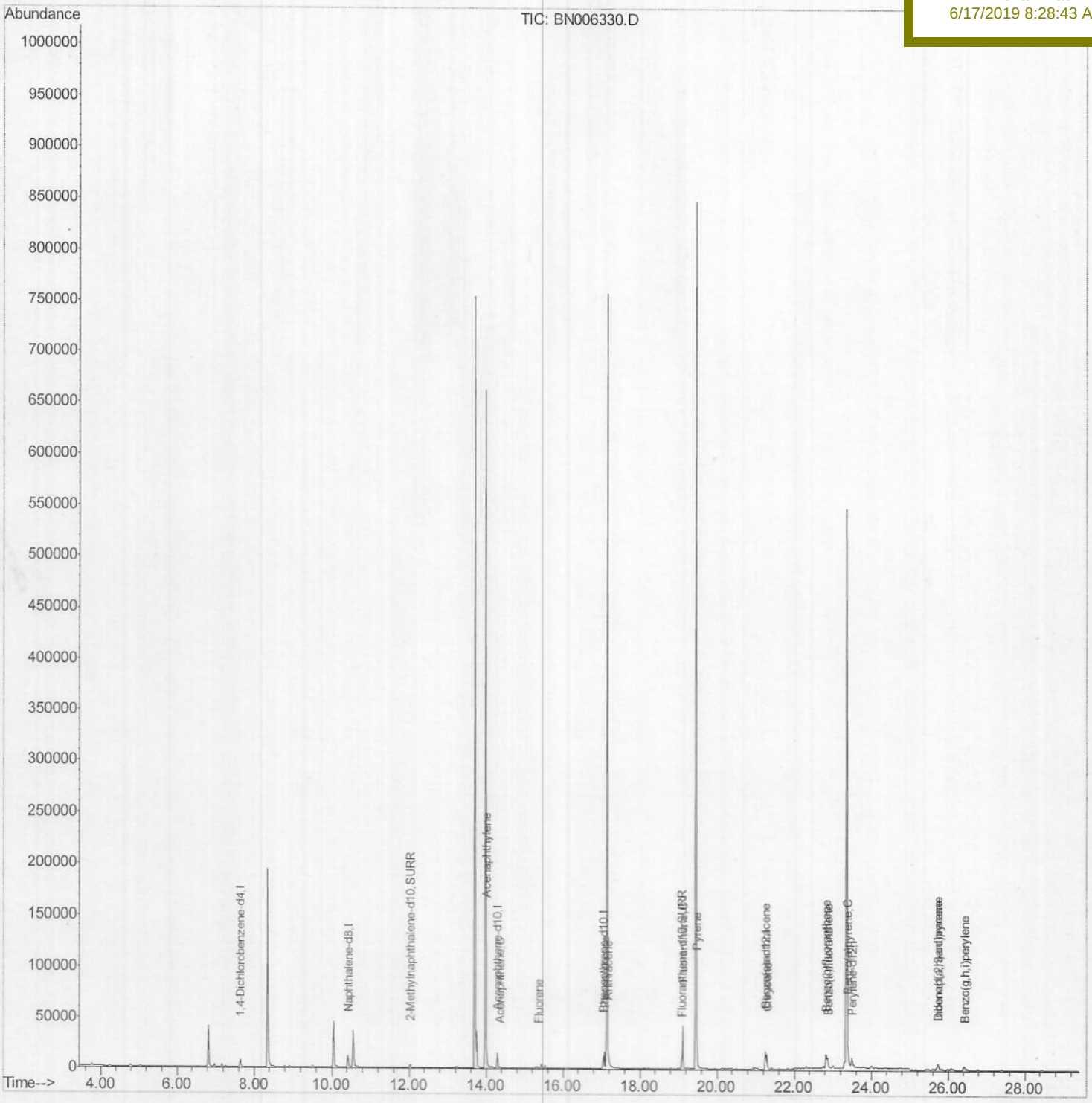
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:52:12 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



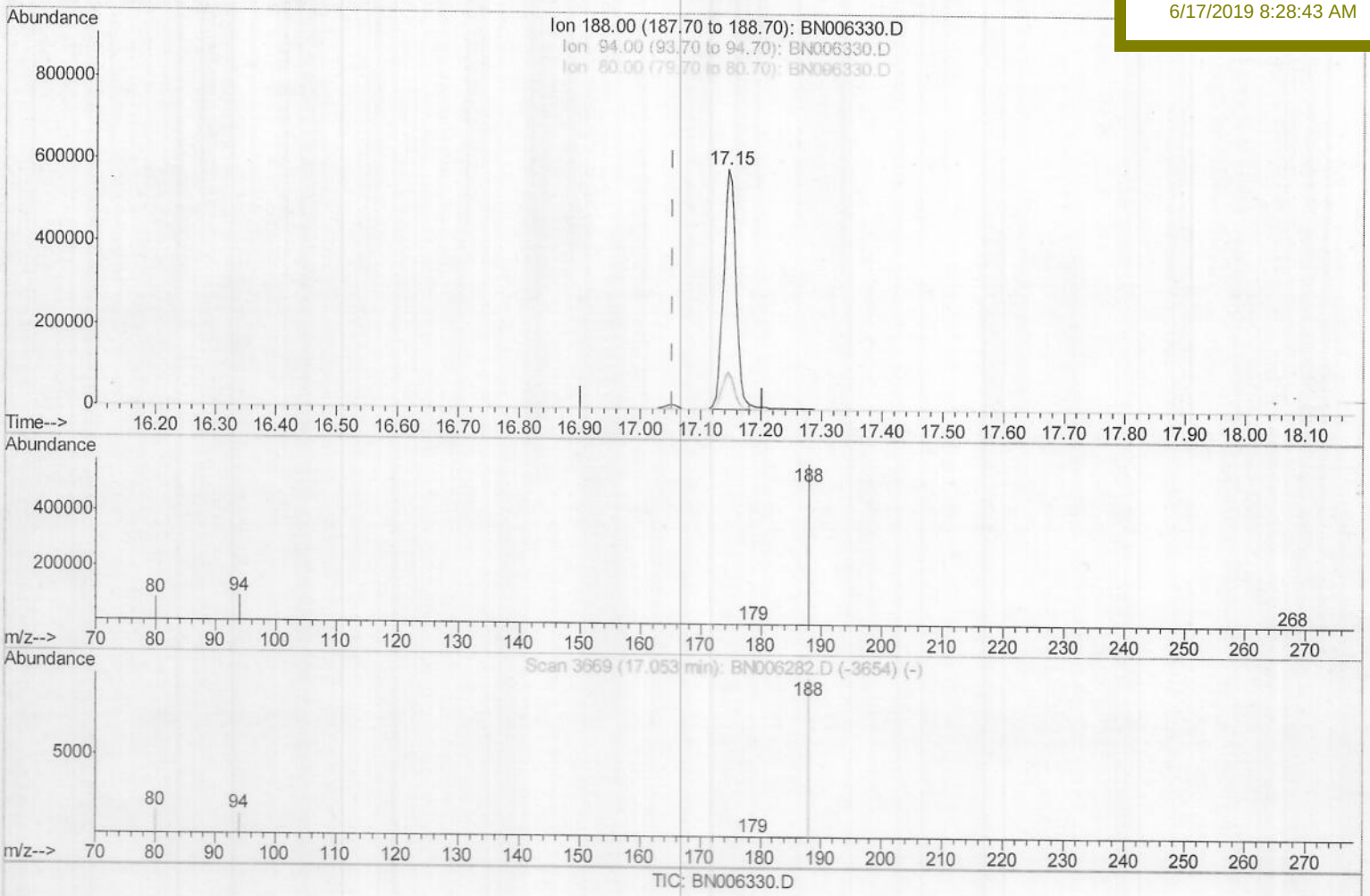
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:01 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 835999

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.46
80.00	13.60	14.08
0.00	0.00	0.00

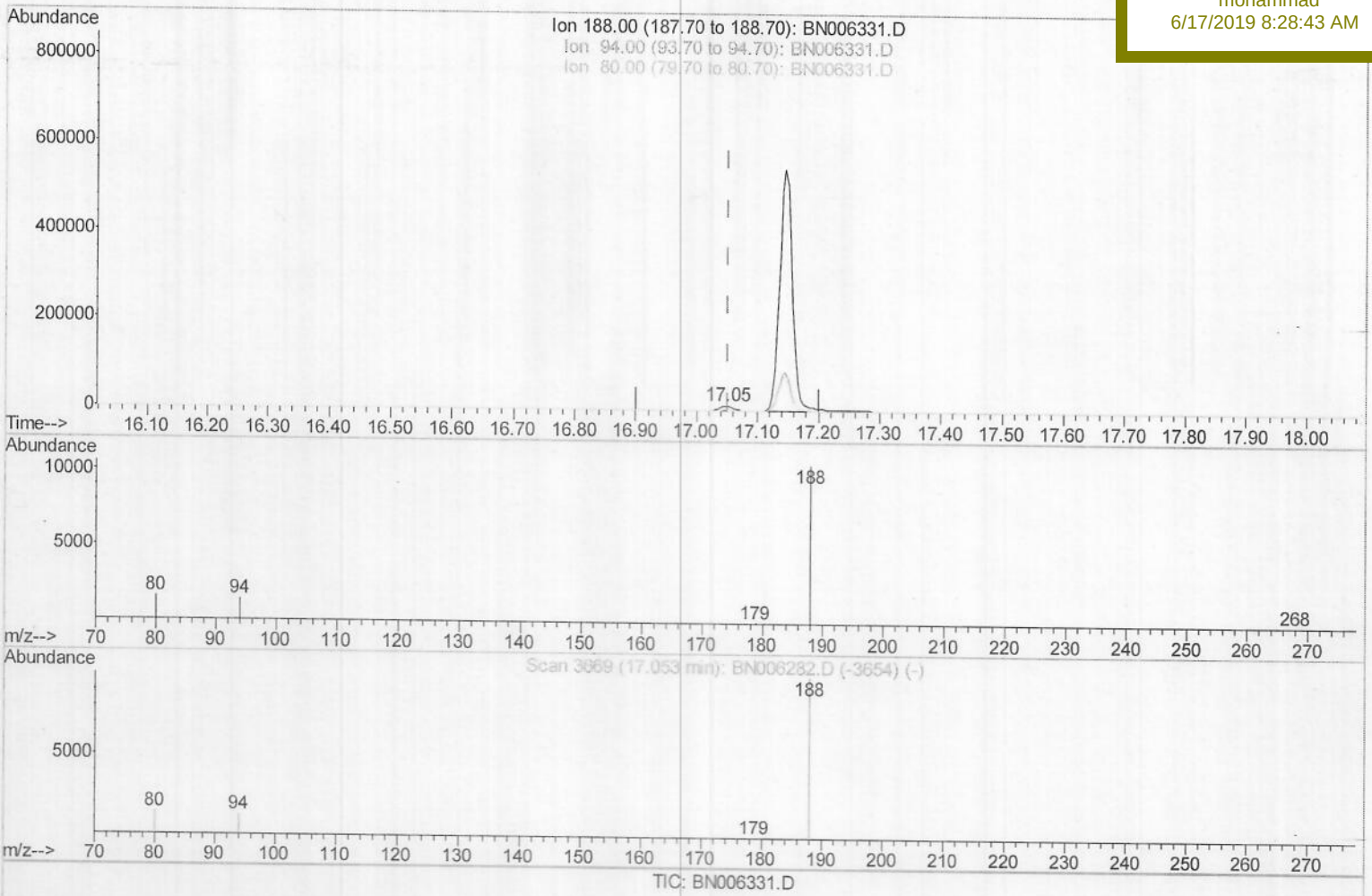
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:53:40 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m) JU 06/20/19

response 15049

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.65
80.00	13.60	15.33
0.00	0.00	0.00

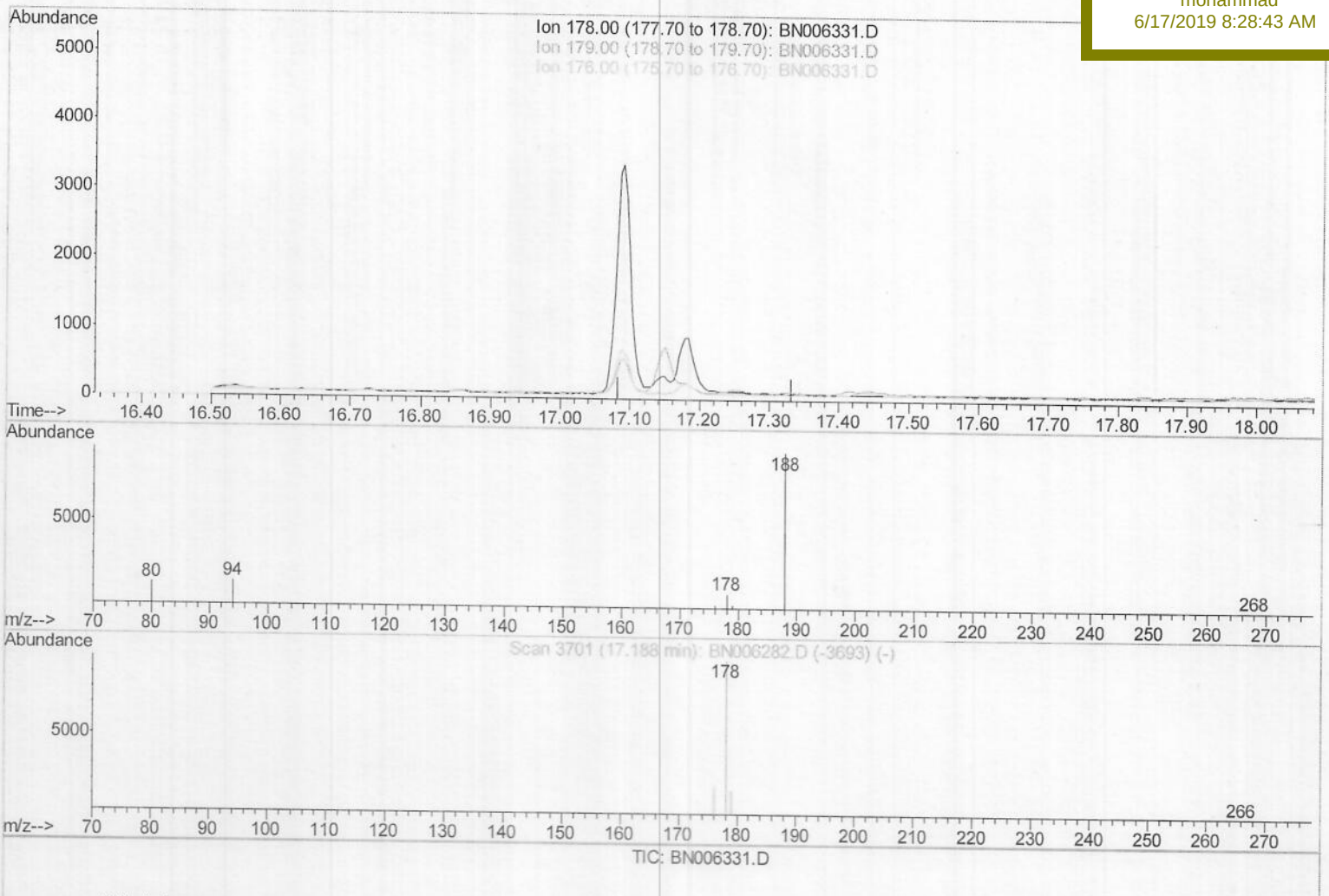
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006331.D
Acq On : 14 Jun 2019 12:12
Operator : JU/SJ
Sample : K3332-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 14 16:54:26 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006331.D

(13) Anthracene

17.183min (-17.183) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.30	0.00#
176.00	18.90	0.00#
0.00	0.00	0.00

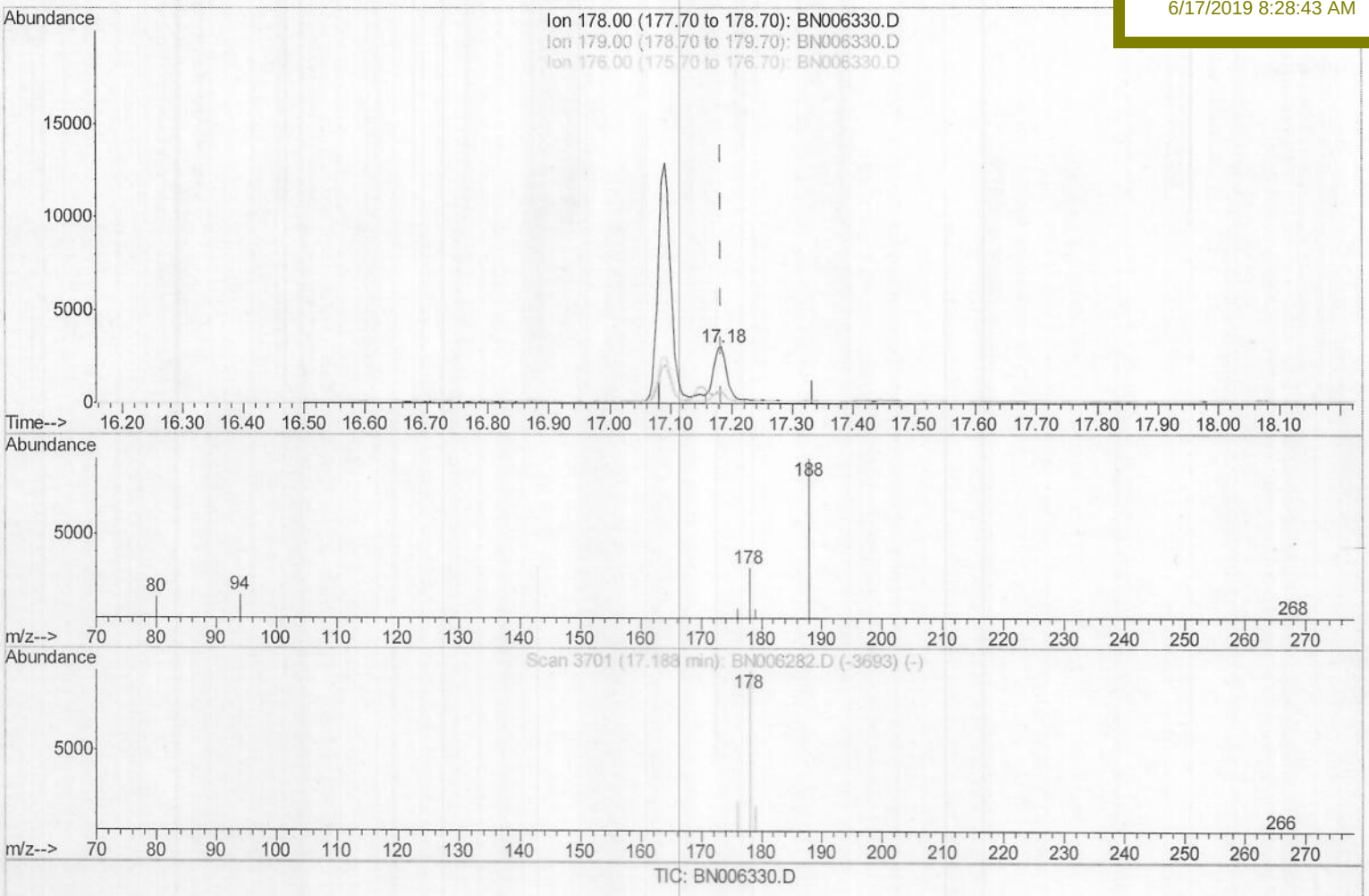
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:32 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(13) Anthracene

17.183min (-0.000) 0.11ng/ul m JU 06/20/19

response 4882

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	18.81#
176.00	18.90	20.76
0.00	0.00	0.00

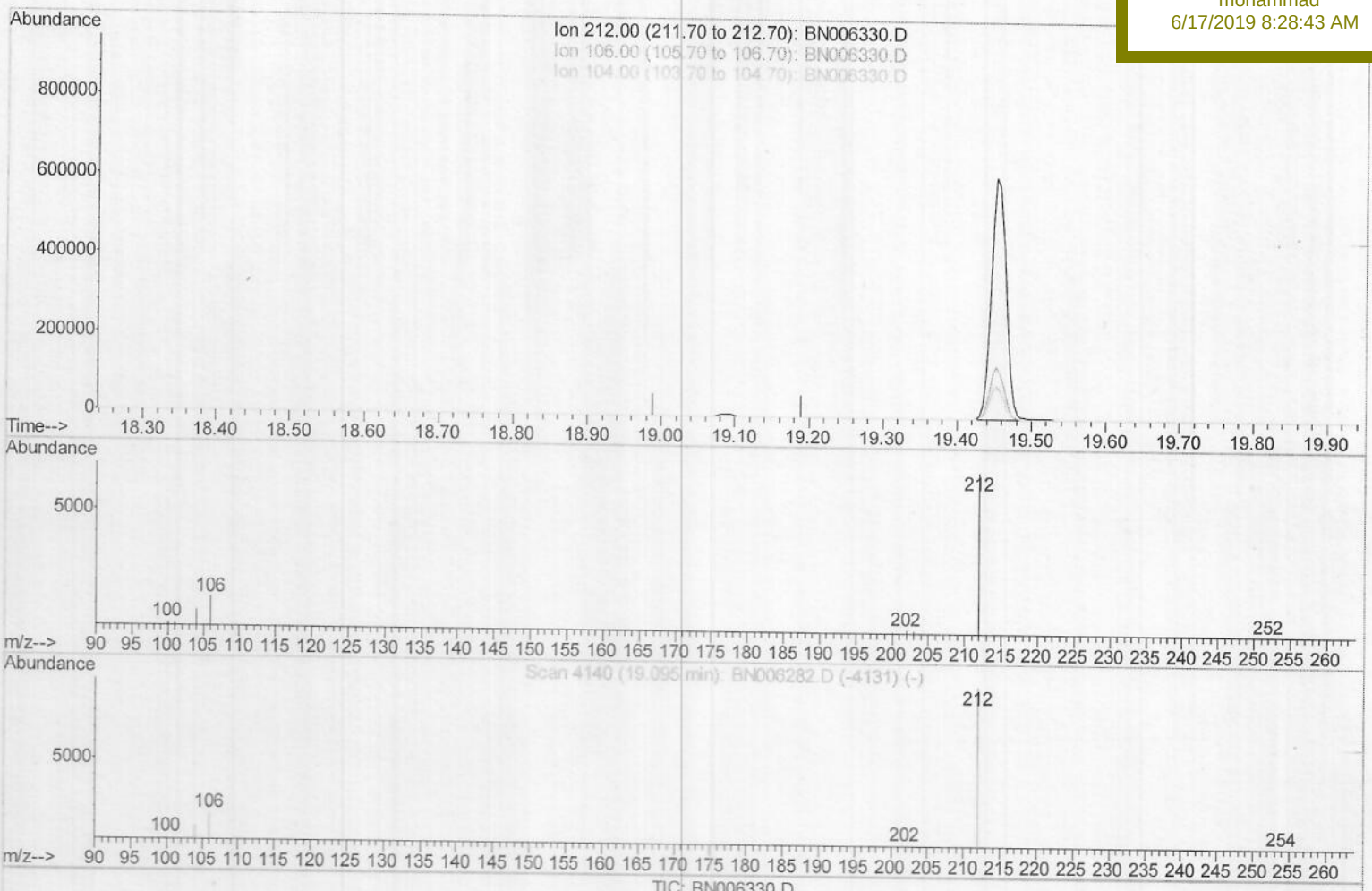
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:32 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(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

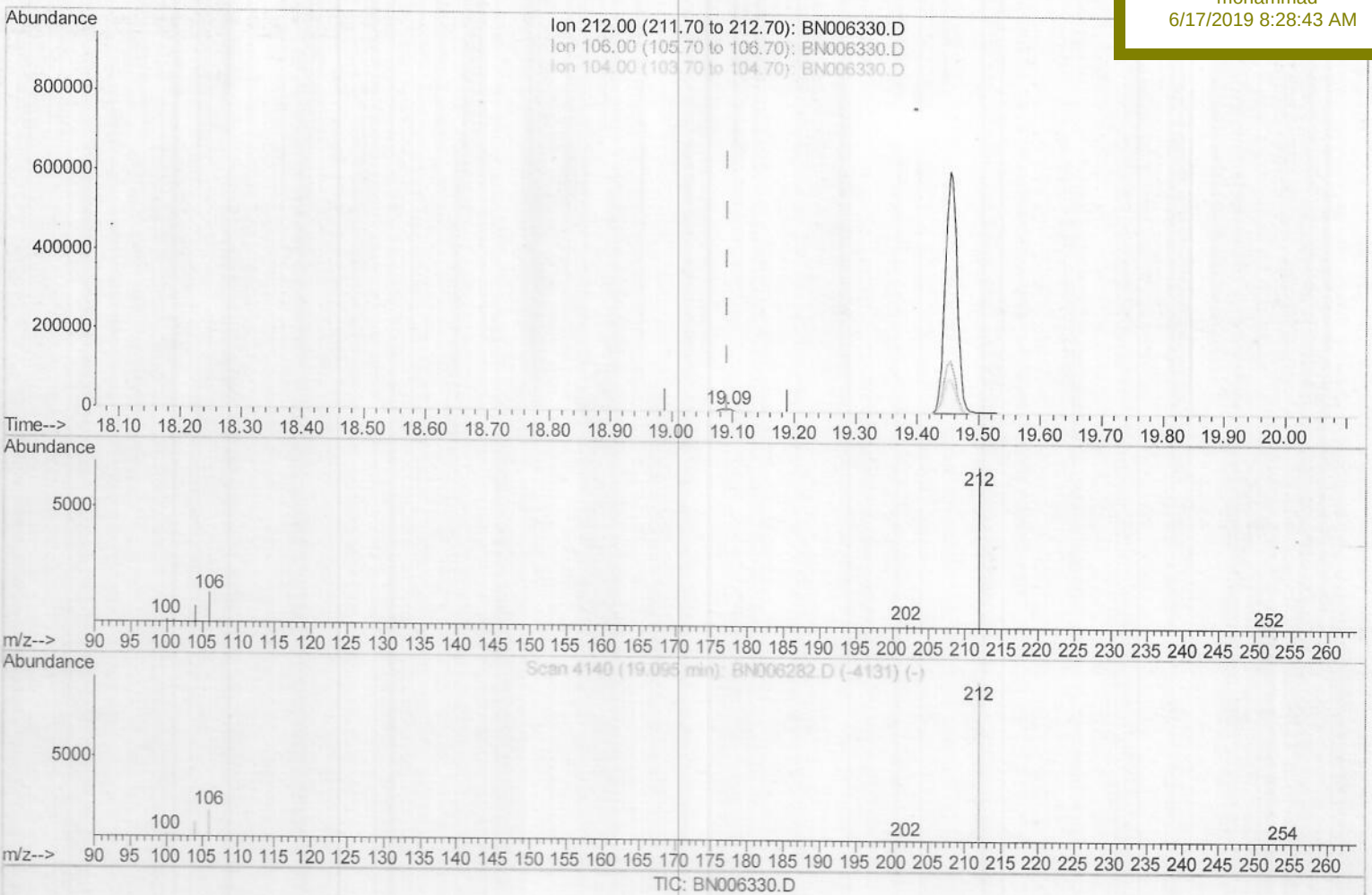
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:32 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.24ng/ul m) JU 06/20/19

response 9712

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

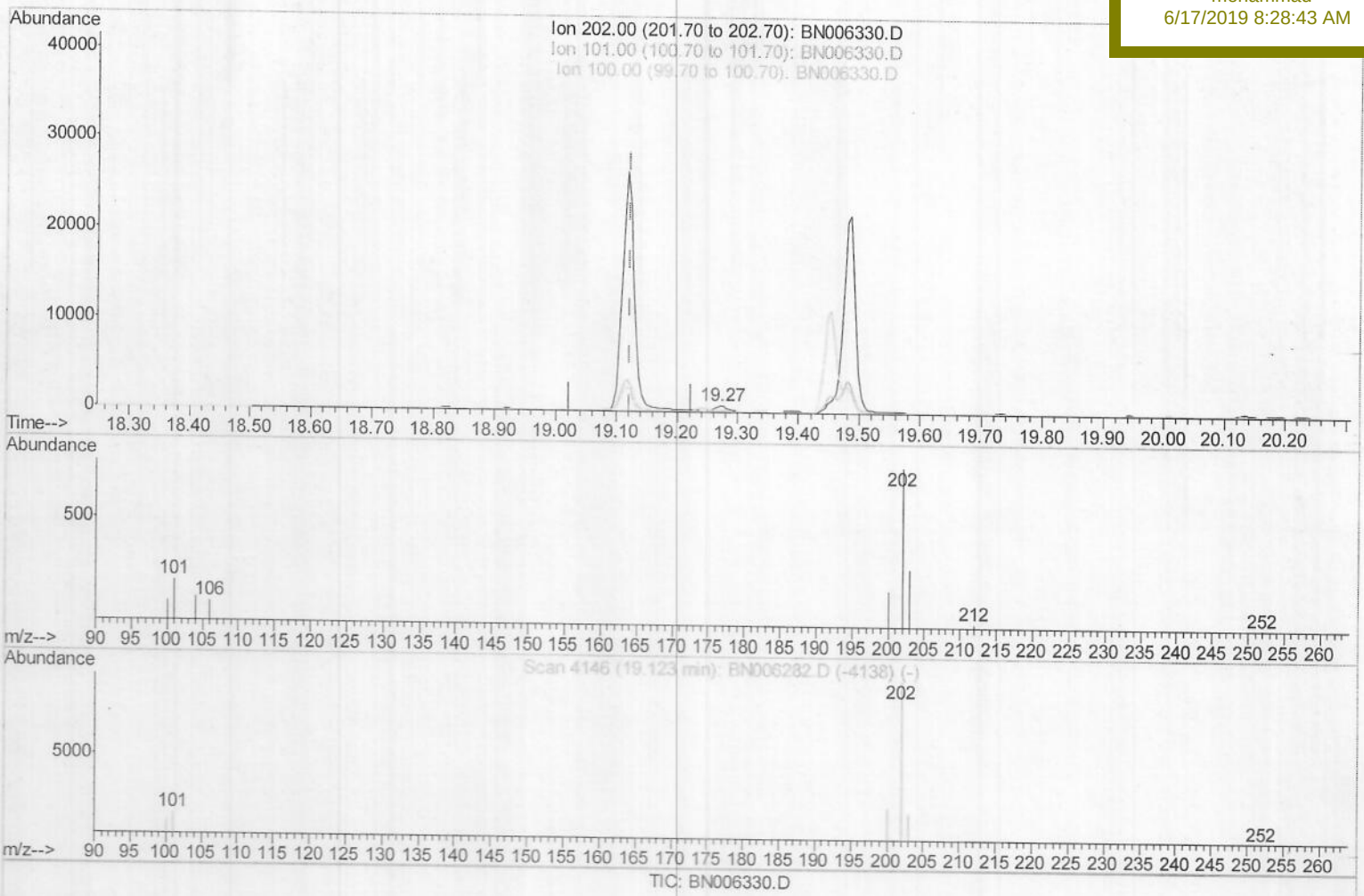
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:32 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(15) Fluoranthene (C)

19.271min (+0.149) 0.01ng/ul

response 729

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	32.43#
100.00	8.70	20.49
0.00	0.00	0.00

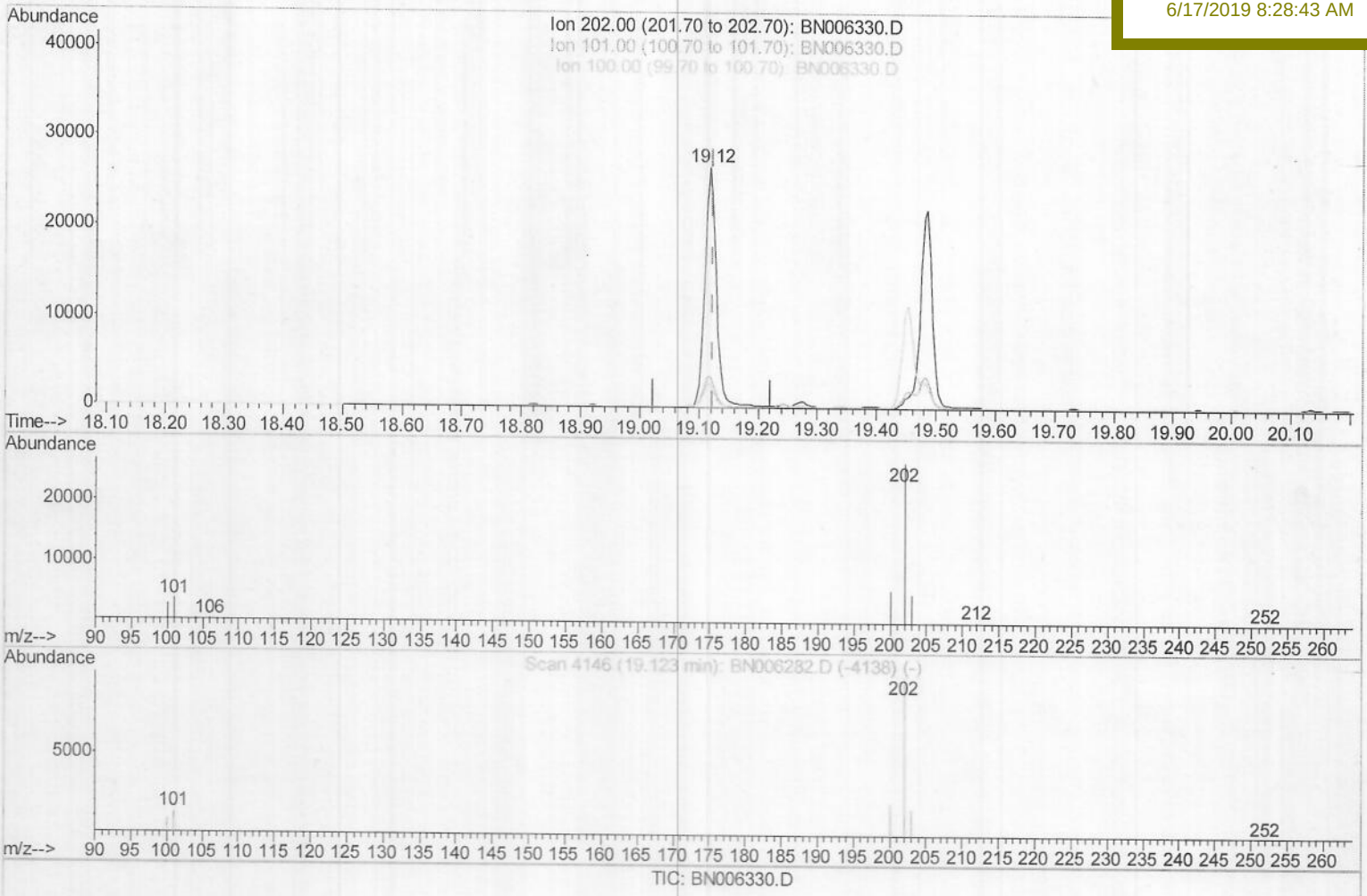
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:32 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(15) Fluoranthene (C)

19.118min (-0.005) 0.69ng/ul m) JU06/2019

response 36459

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.16
100.00	8.70	9.82
0.00	0.00	0.00

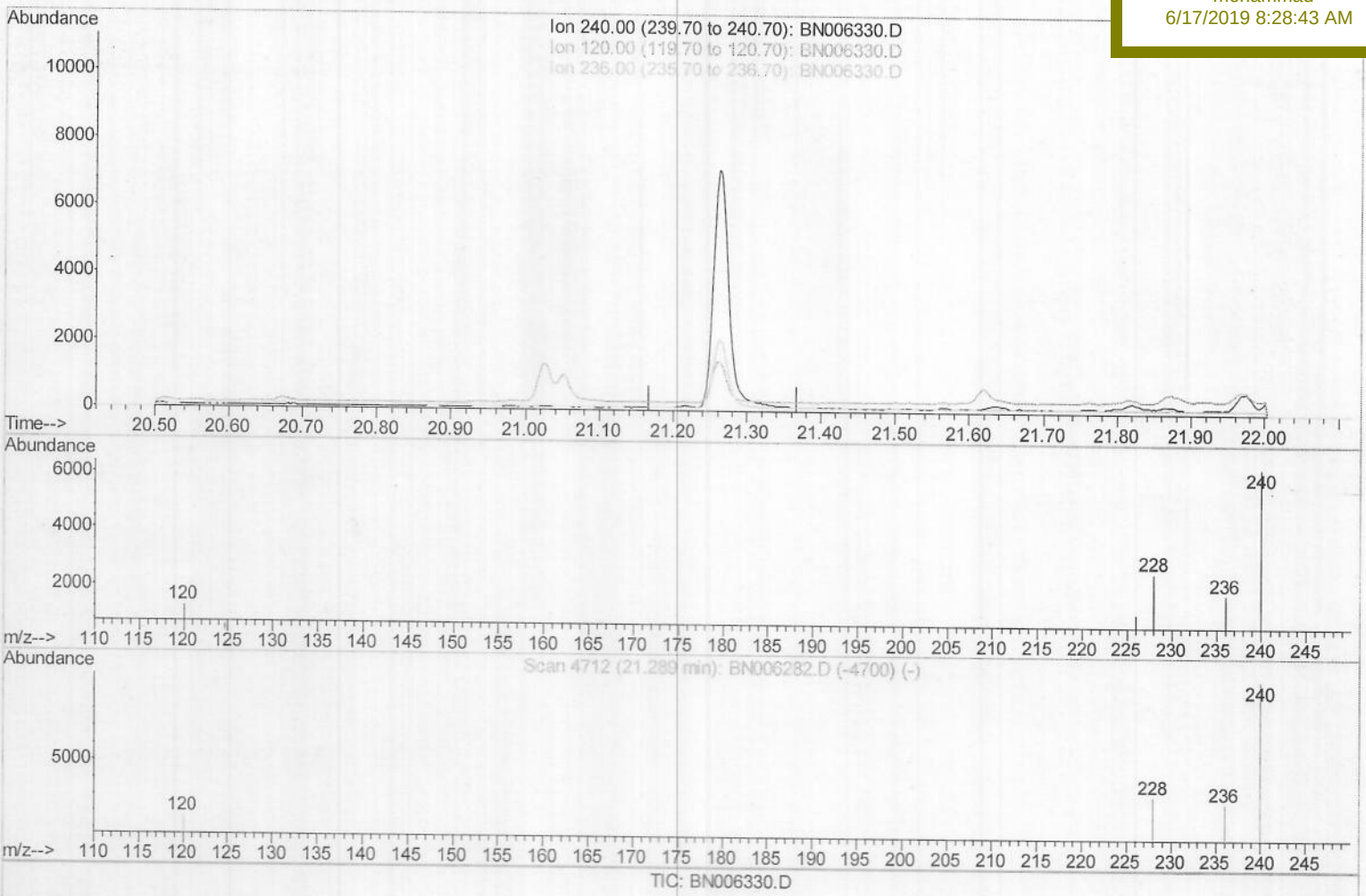
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:32 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(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

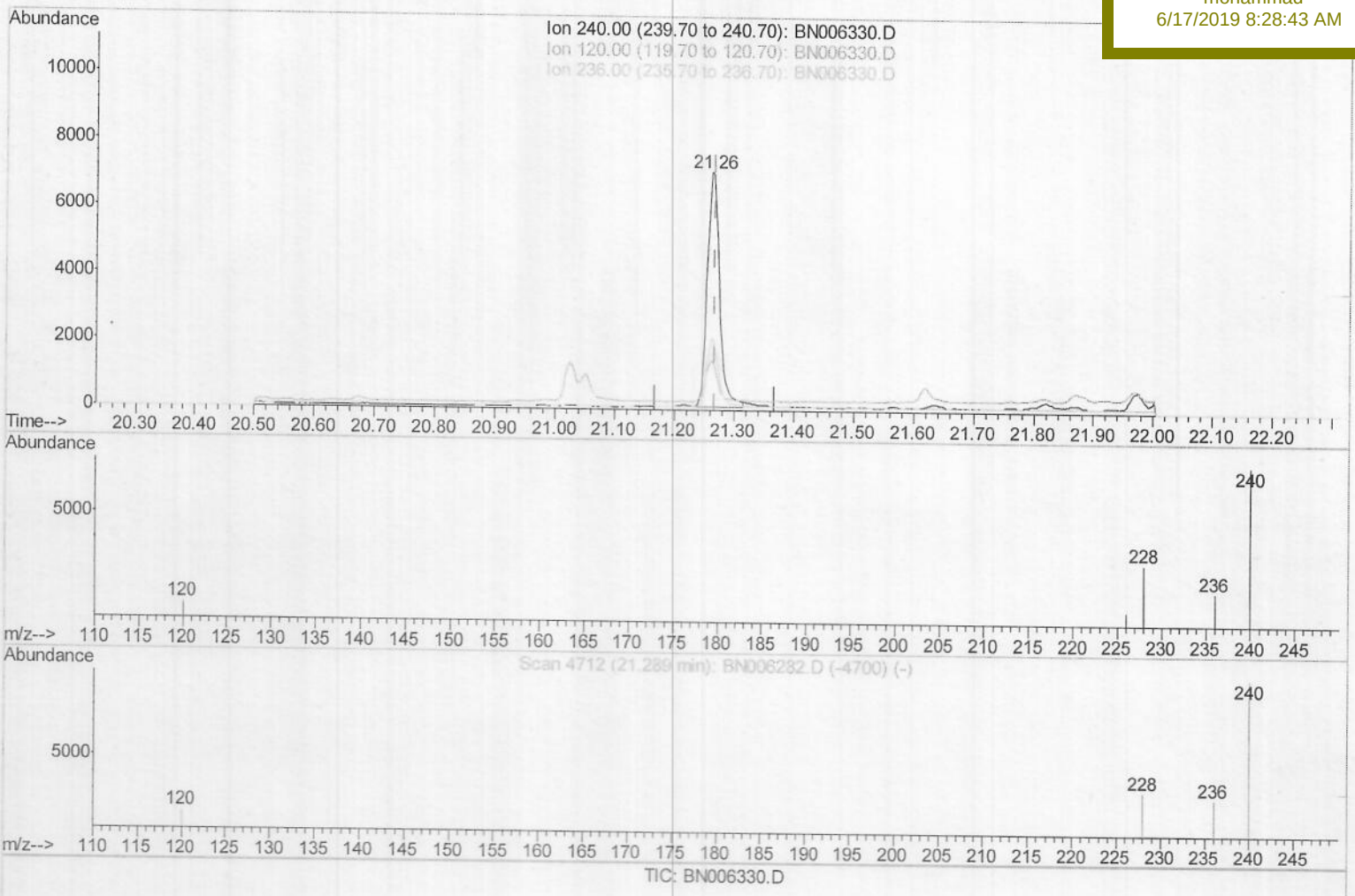
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:47:32 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(16) Chrysene-d12 (I)

21.262min (-0.006) 0.40ng/ul m) JU 06/20/19

response 10084

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.92
236.00	30.10	30.00
0.00	0.00	0.00

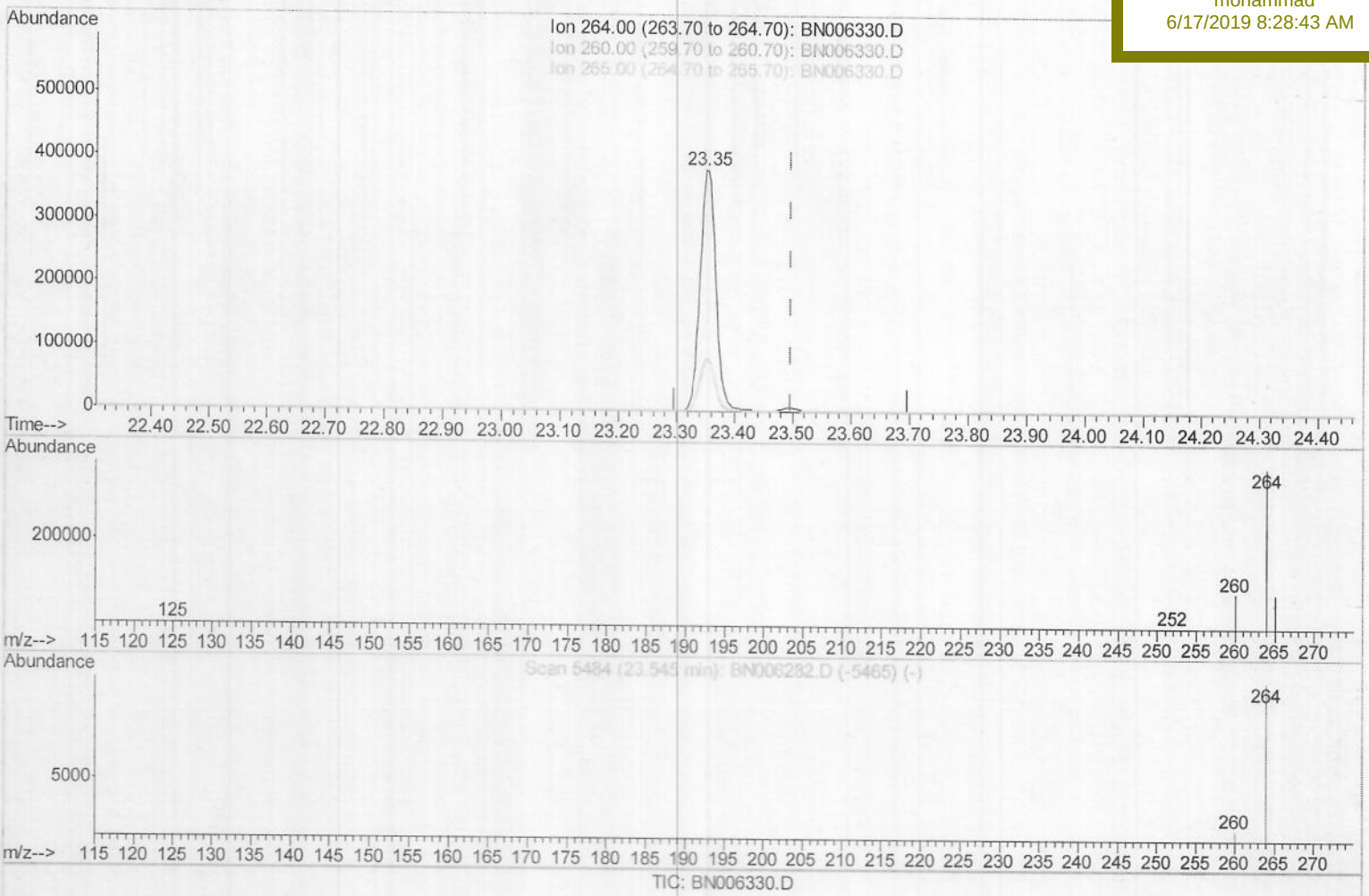
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:01 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(20) Perylene-d12 (I)

23.352min (-0.146) 0.40ng/ul

response 721377

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	21.99#
265.00	44.70	21.49#
0.00	0.00	0.00

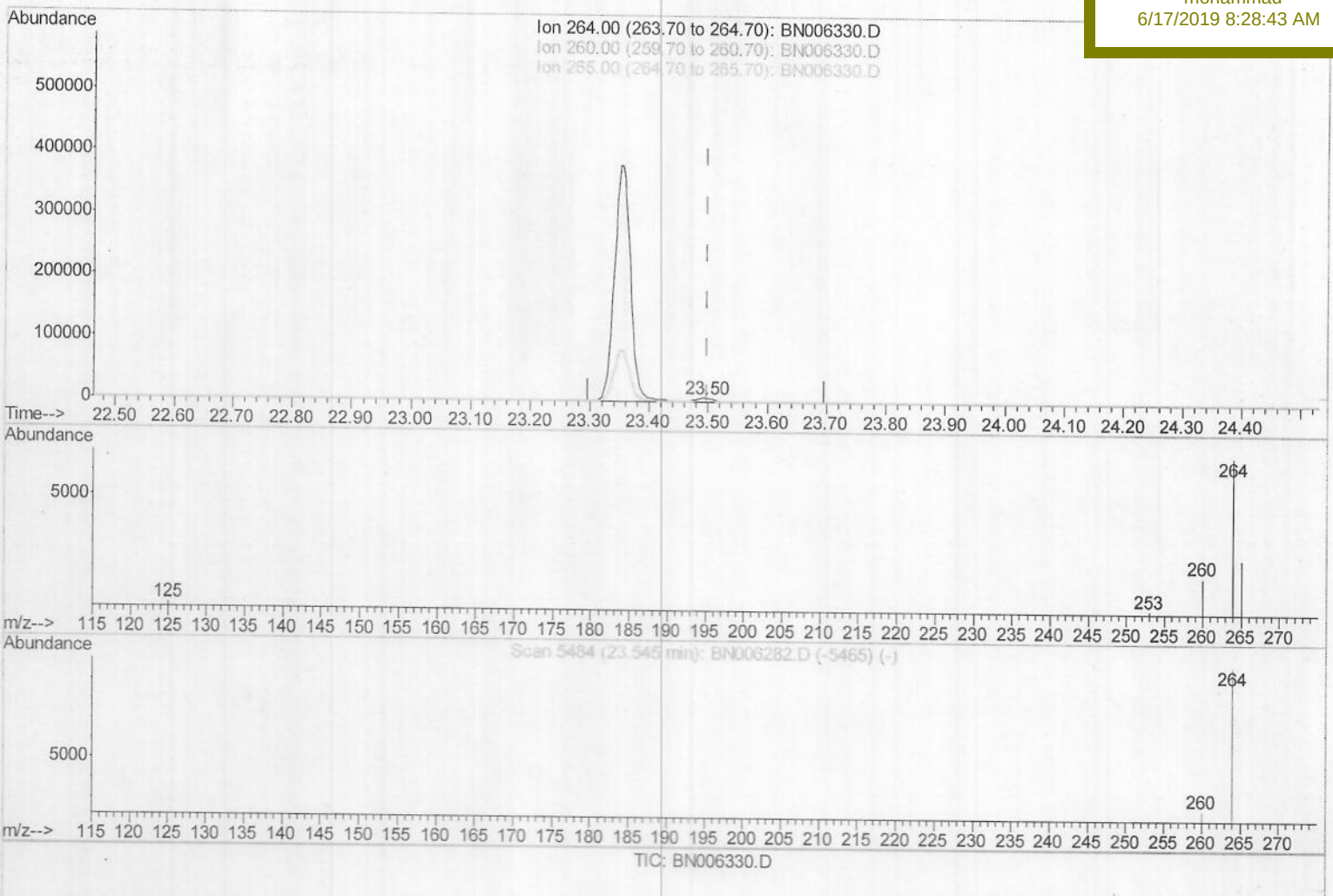
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:01 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(20) Perylene-d12 (I)

23.495min (-0.003) 0.40ng/ul m) JU 06/20/19

response 9705

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.49
265.00	44.70	37.66
0.00	0.00	0.00

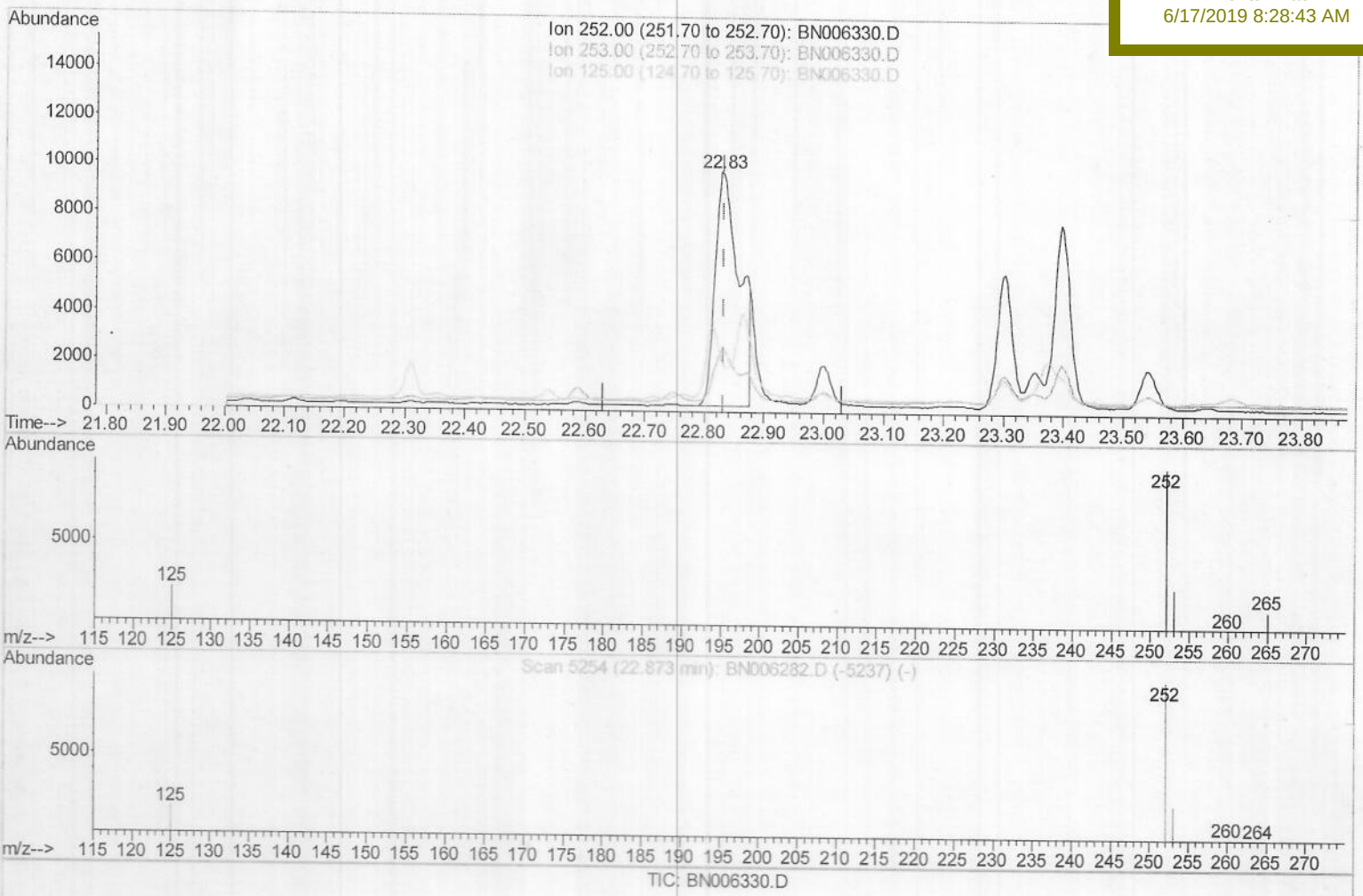
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(21) Benzo(b)fluoranthene

22.829min (-0.003) 0.66ng/ul

response 26628

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	25.77
125.00	20.50	21.94
0.00	0.00	0.00

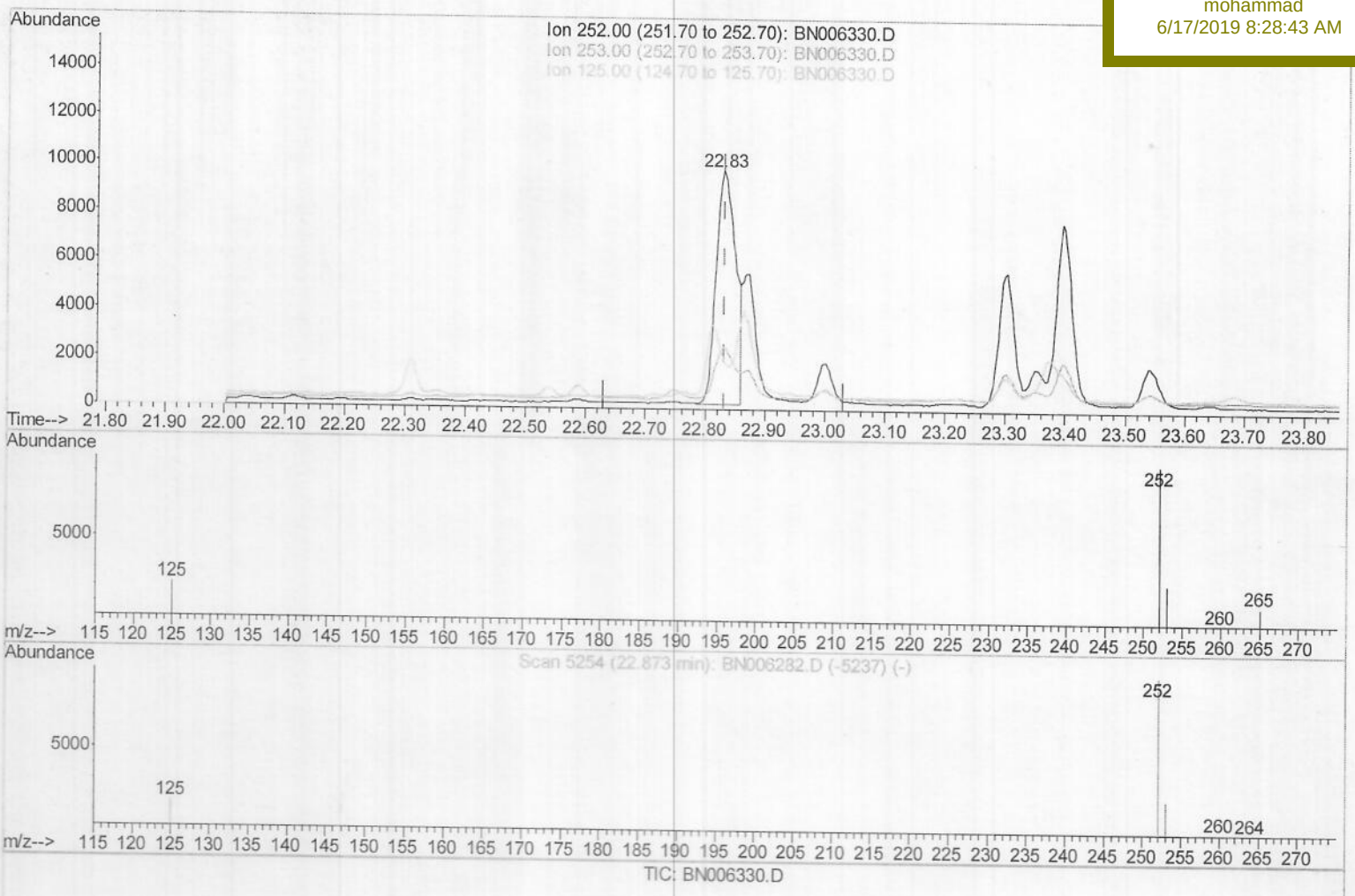
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(21) Benzo(b)fluoranthene

22.829min (-0.003) 0.53ng/ul m) JU06/2019

response 21419

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	25.77
125.00	20.50	21.94
0.00	0.00	0.00

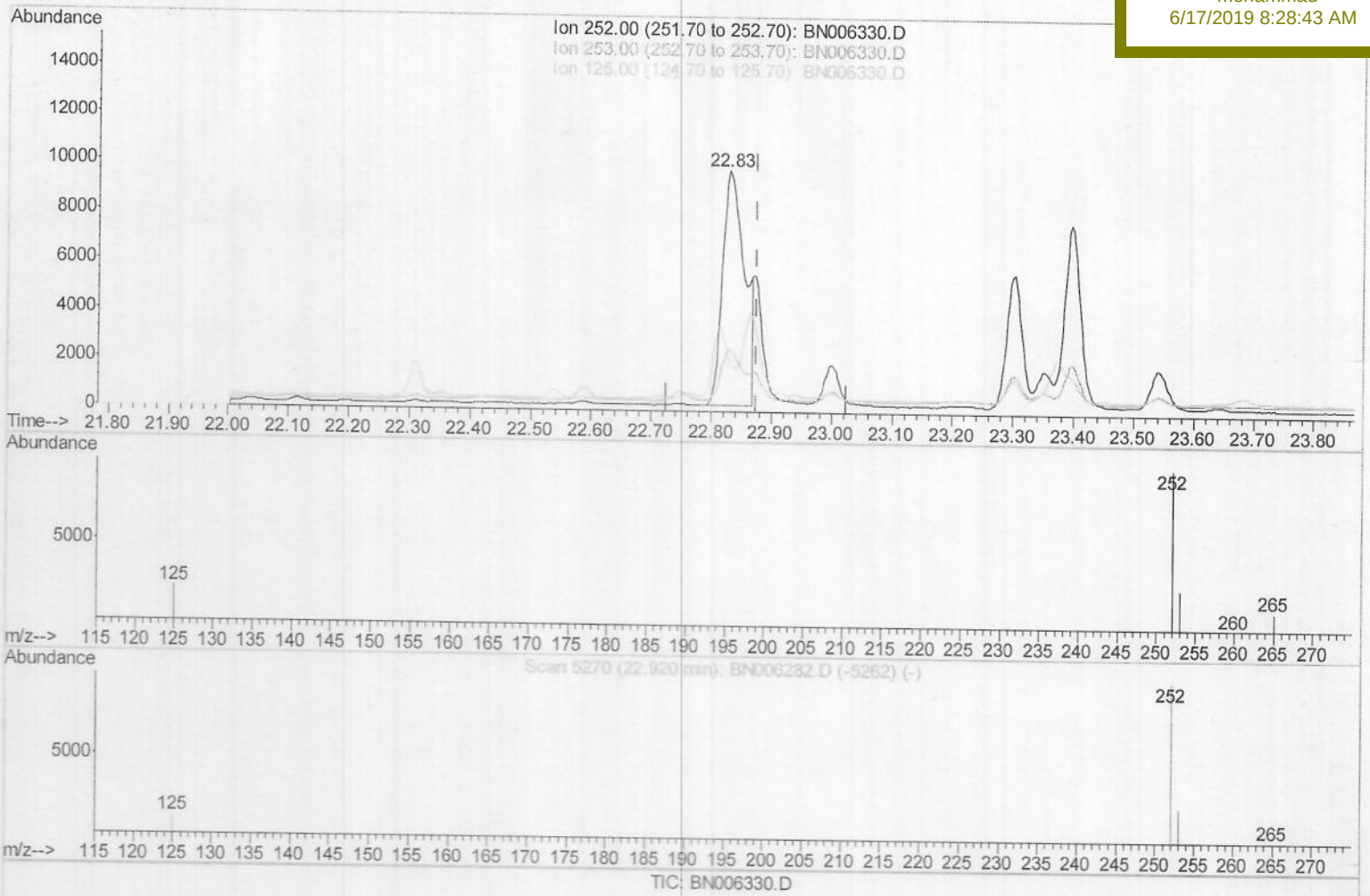
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(22) Benzo(k)fluoranthene

22.829min (-0.047) 0.61ng/ul

response 23905

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	25.77
125.00	17.90	21.94#
0.00	0.00	0.00

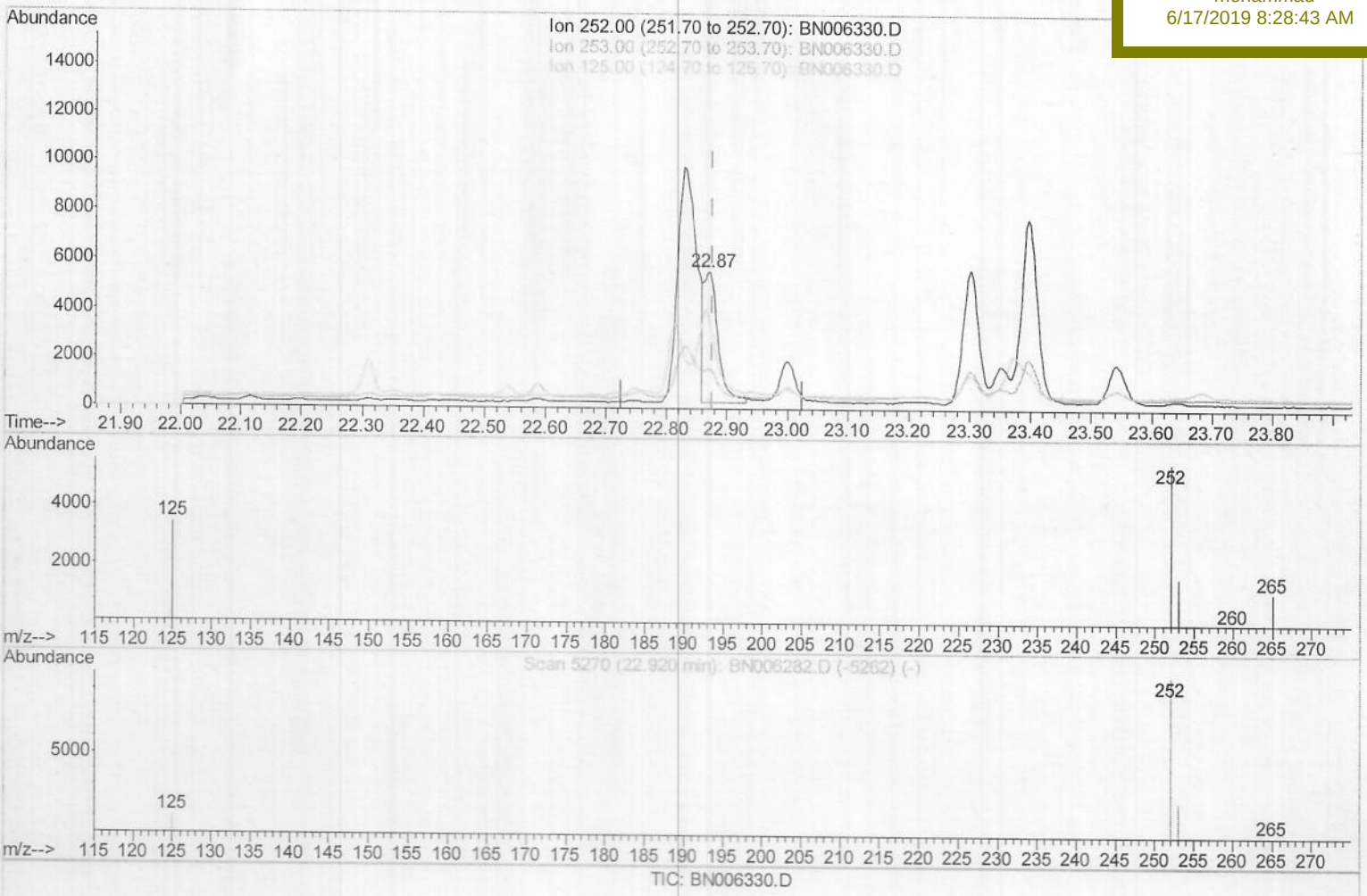
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(22) Benzo(k)fluoranthene

22.873min (-0.003) 0.22ng/ul m) JU06/20/19

response 8731

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	29.71
125.00	17.90	61.89#
0.00	0.00	0.00

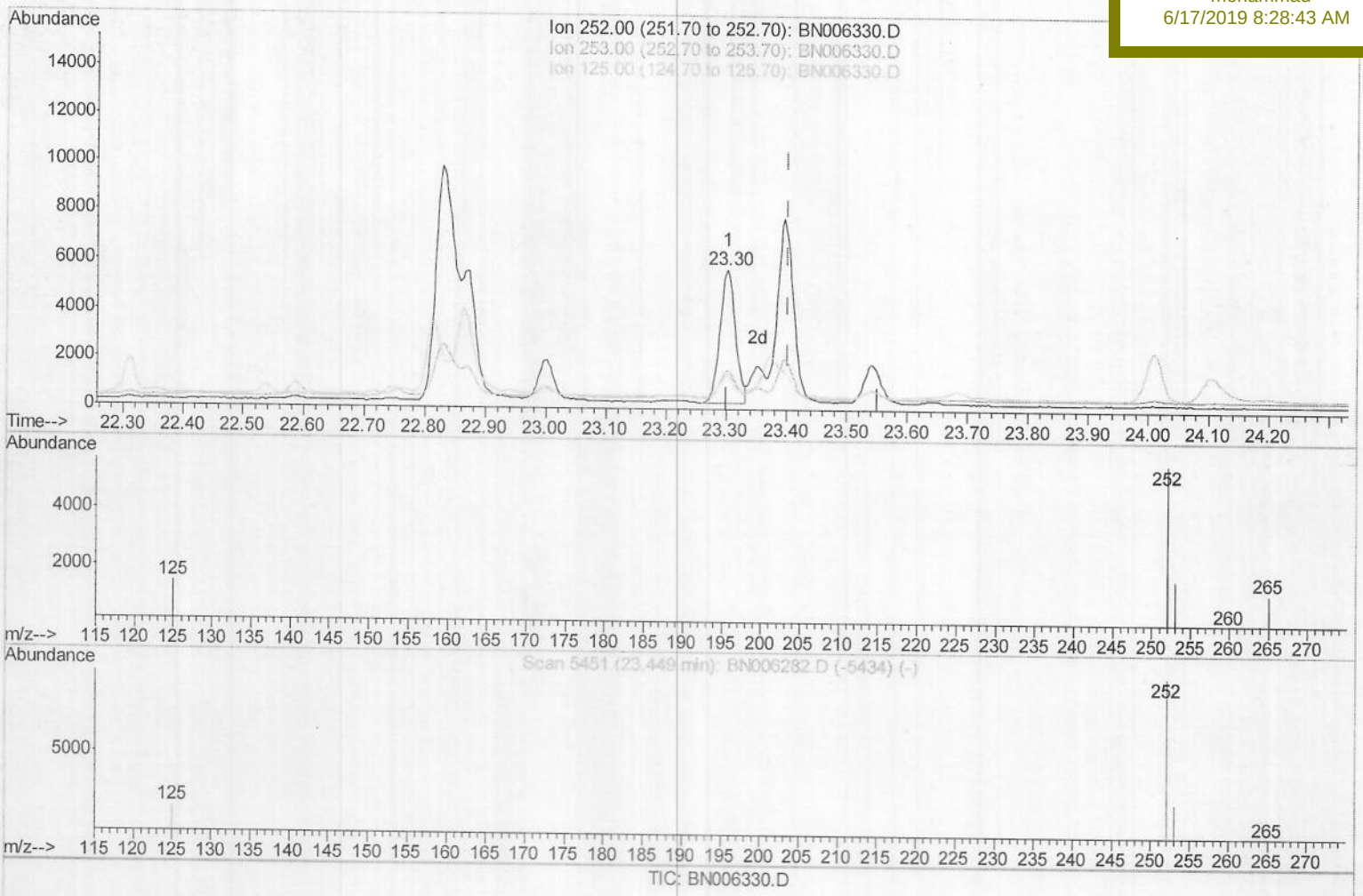
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

(23) Benzo(a)pyrene (C)

23.302min (-0.099) 0.26ng/ul

response 9779

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	28.46
125.00	25.40	25.23
0.00	0.00	0.00

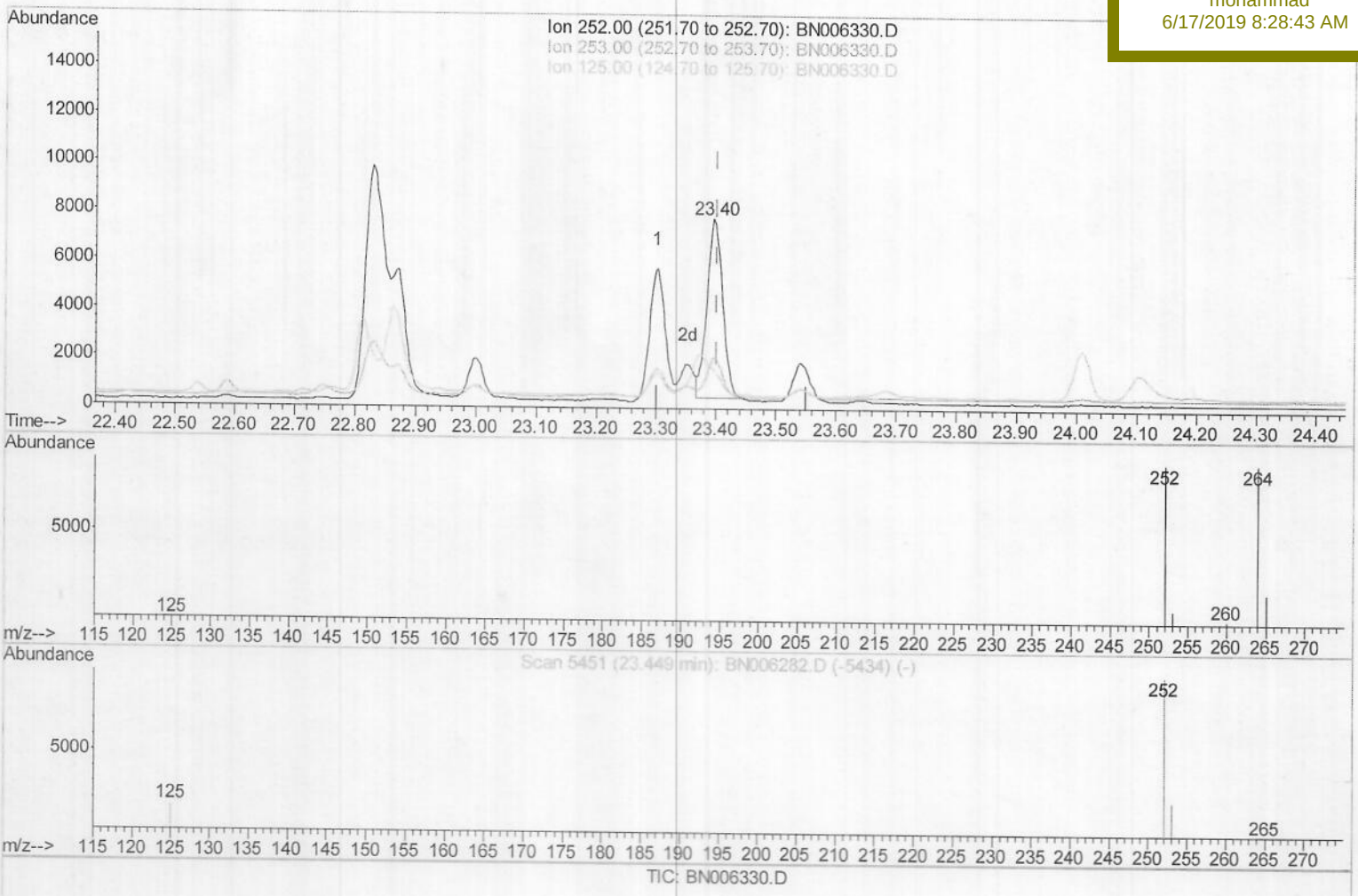
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



(23) Benzo(a)pyrene (C)

23.396min (-0.006) 0.36ng/ul m JJU06/20/19

response 13389

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	26.82
125.00	25.40	20.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
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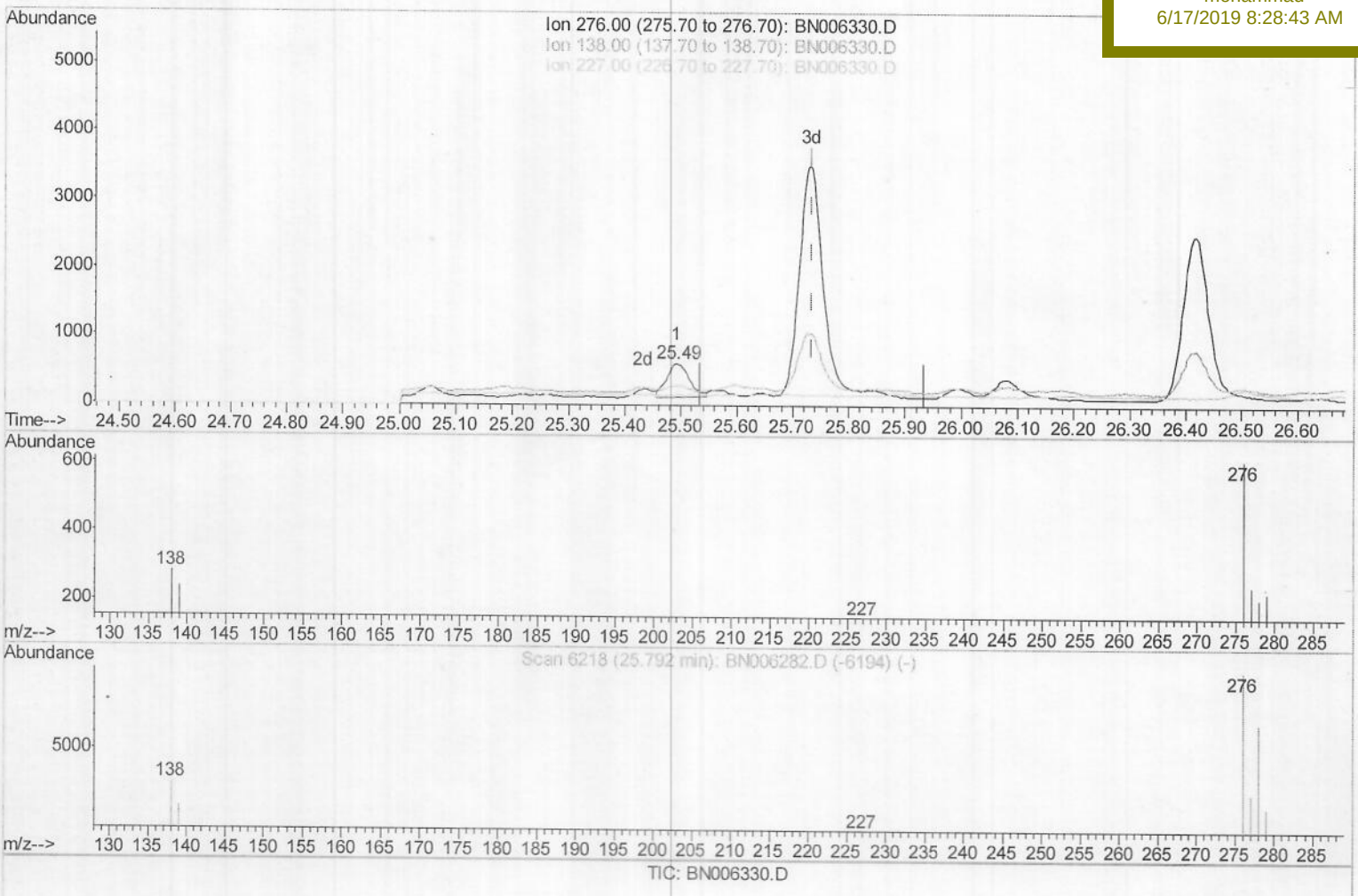

TIC: BN006330.D

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

25.494min (-0.242) 0.03ng/ul

response 1362

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	15.42#
227.00	0.40	0.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
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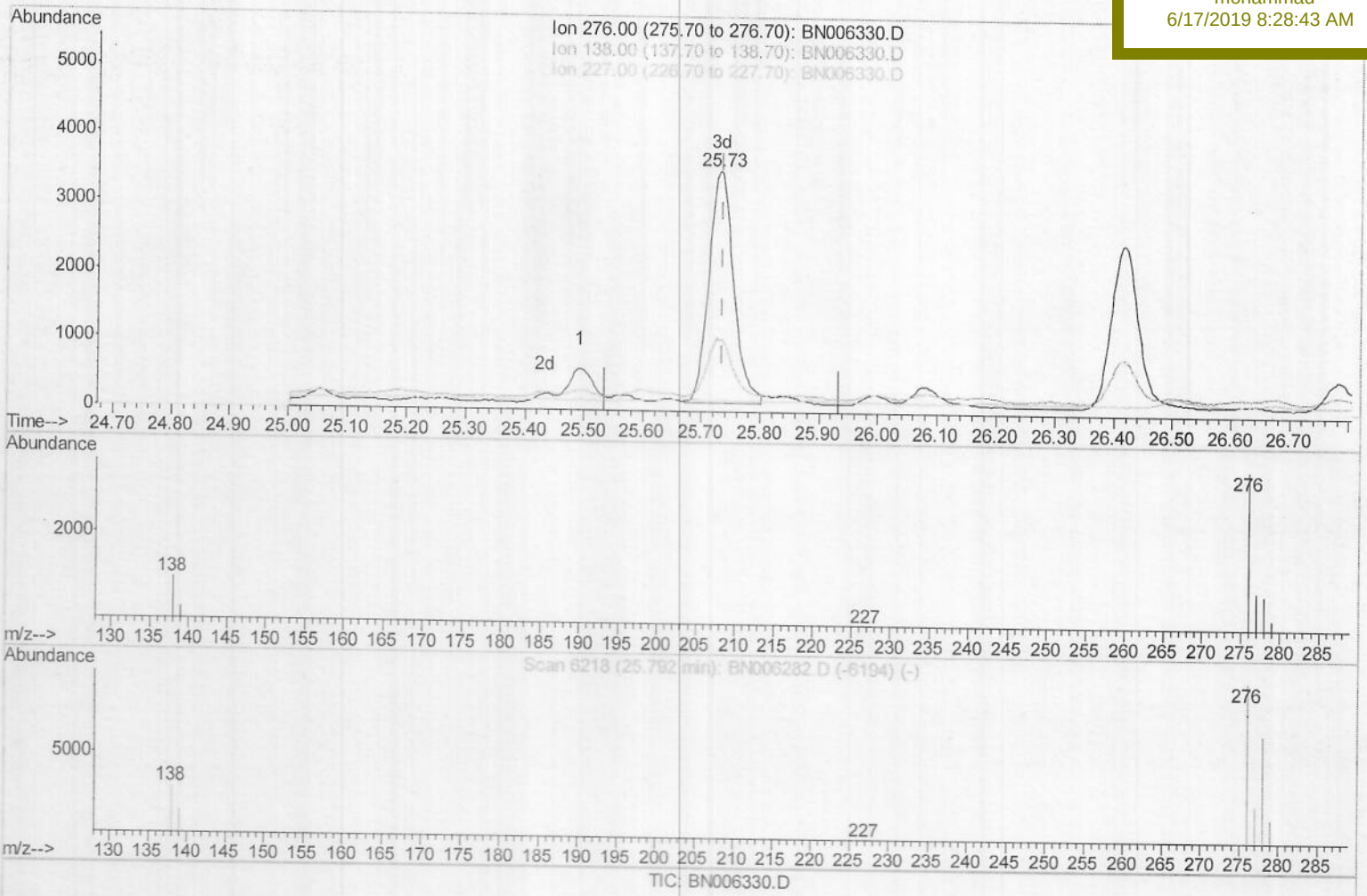

TIC: BN006330.D

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

25.732min (-0.003) 0.24ng/ul m) JU 06/20/19

response 9960

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.11#
227.00	0.40	0.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
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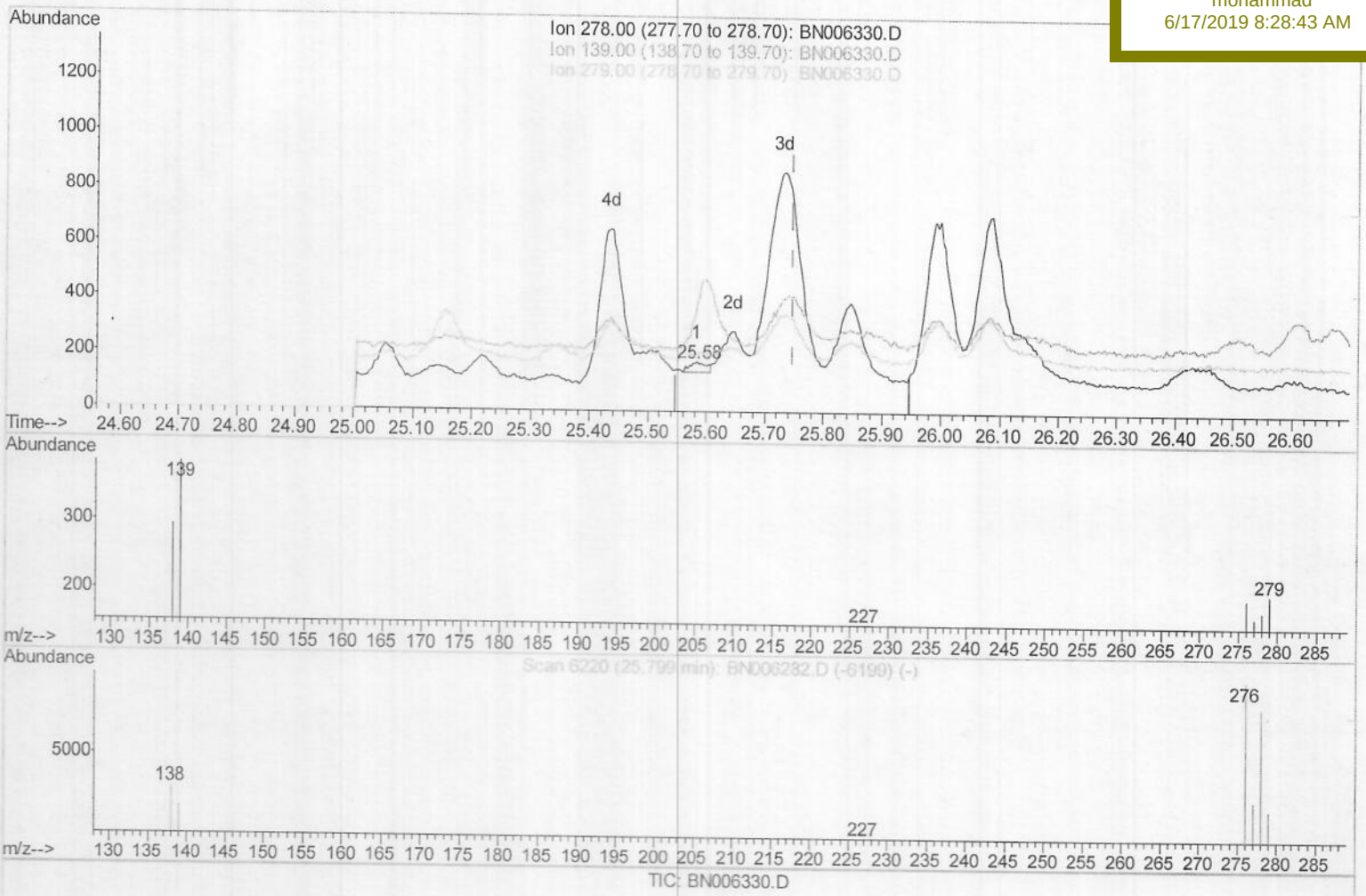

(25) Dibenzo(a,h)anthracene

25.584min (-0.164) 0.00ng/ul

response 68

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	217.51#
279.00	28.20	113.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
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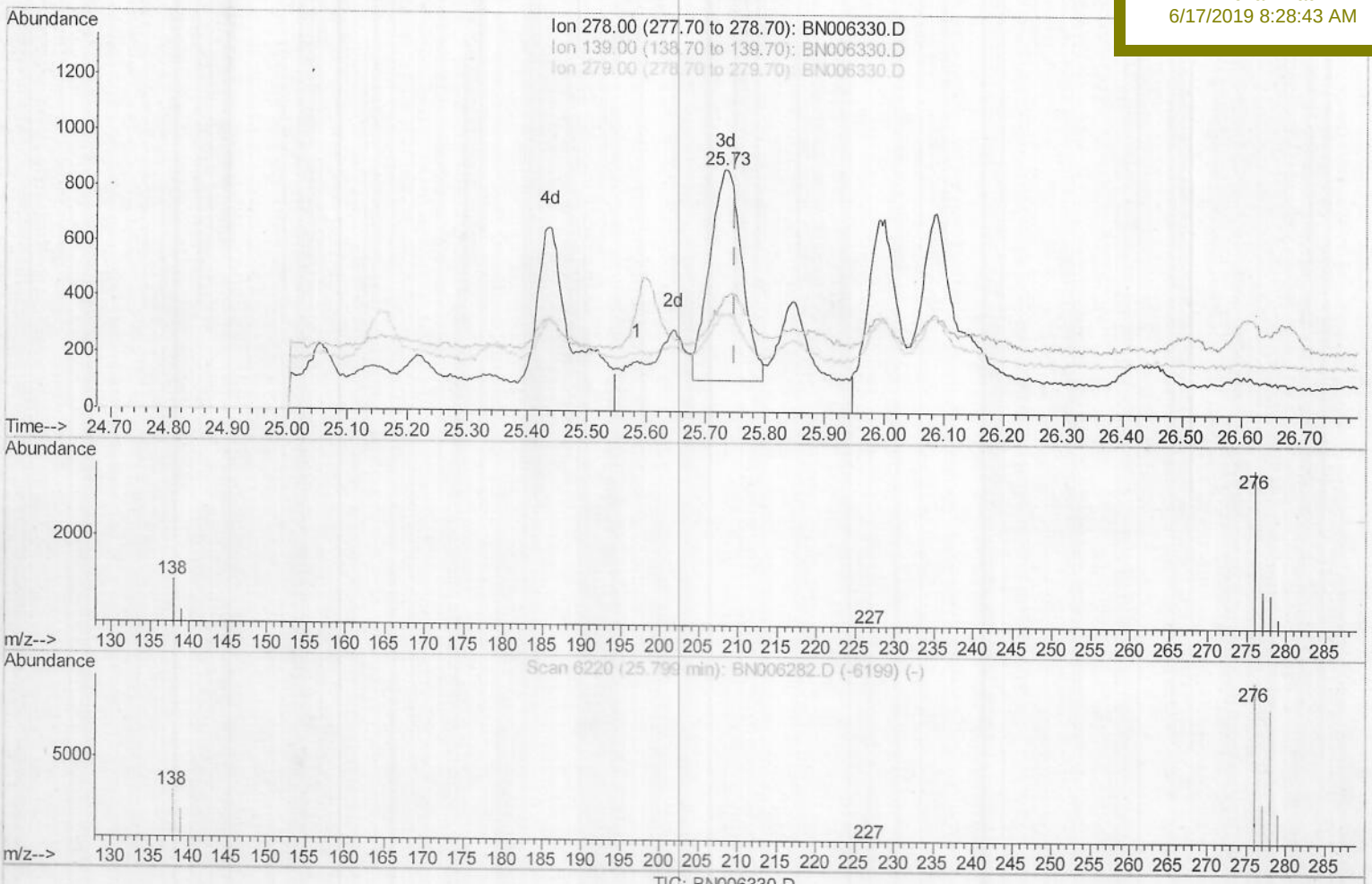


TIC: BN006330.D

(25) Dibenzo(a,h)anthracene

25.732min (-0.017) 0.09ng/ul m JU 06/20/19

response 2854

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	47.34#
279.00	28.20	40.53#
0.00	0.00	0.00

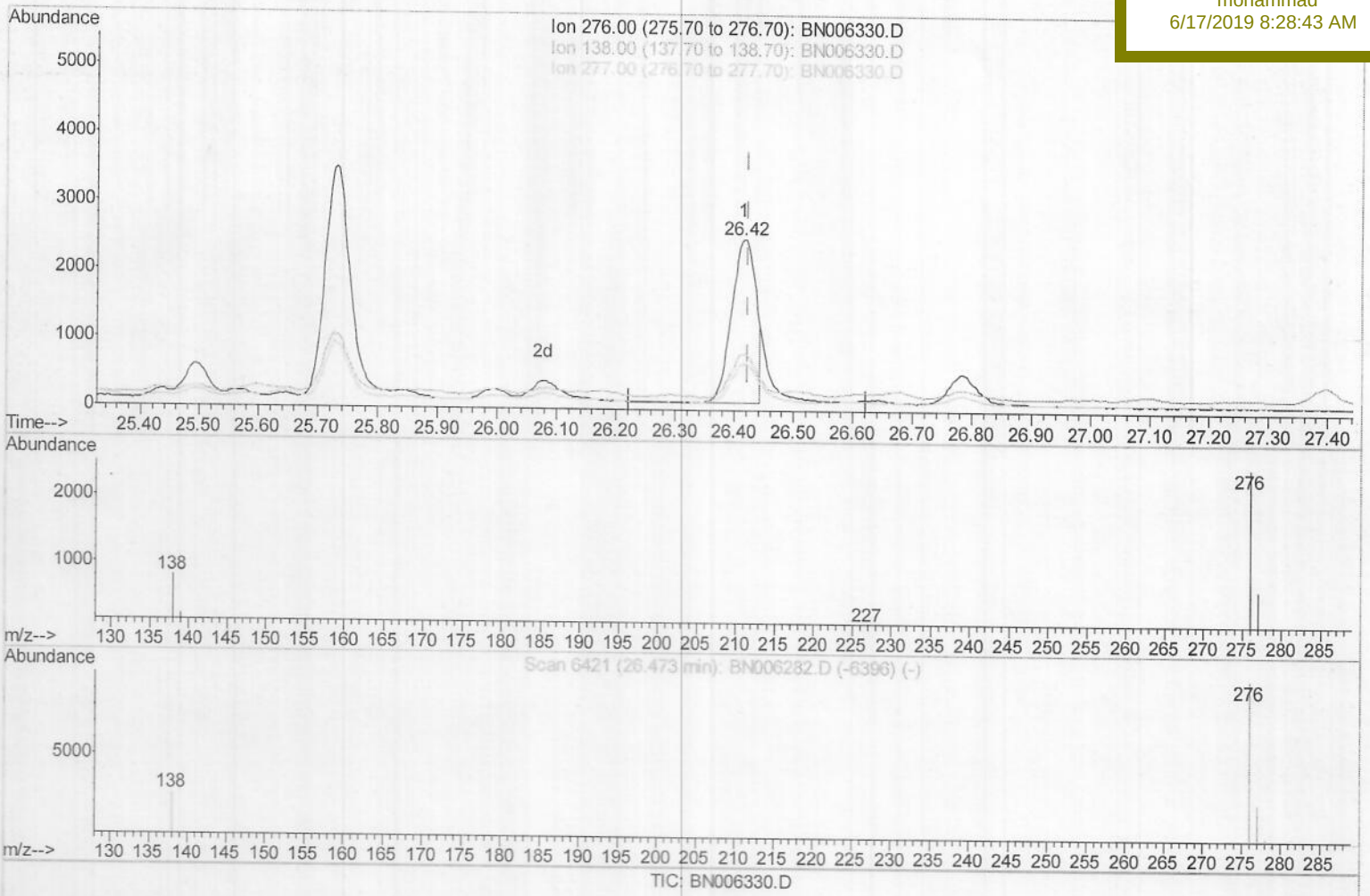
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



TIC: BN006330.D

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

26.416min (-0.007) 0.20ng/ul

response 6750

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	32.37
277.00	26.90	27.11
0.00	0.00	0.00

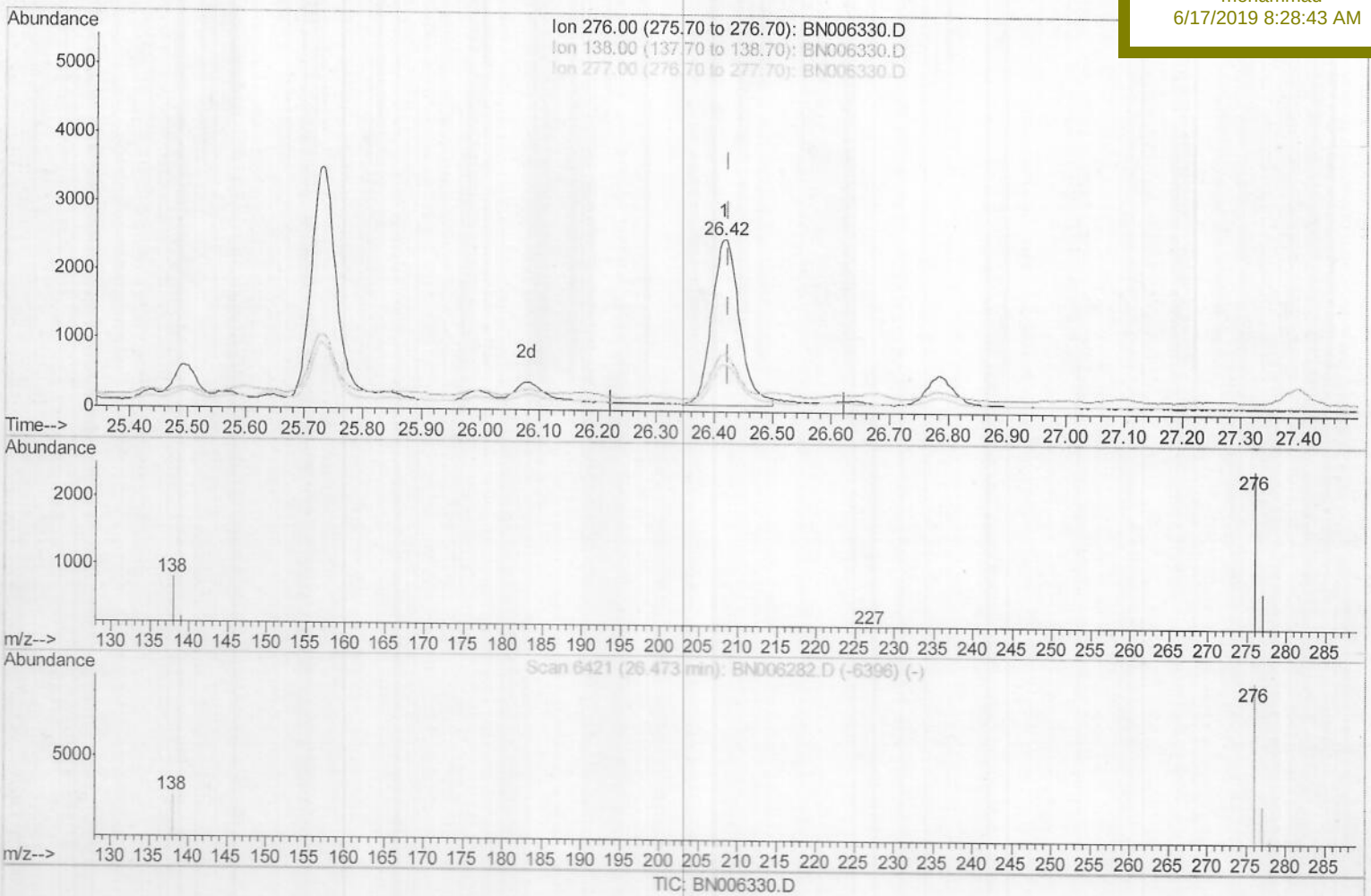
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:49:41 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4226

Manual Integrations APPROVED
mohammad
6/17/2019 8:28:43 AM



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

26.416min (-0.007) 0.23ng/ul m JJU06/20/19

response 7923

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	32.37
277.00	26.90	27.11
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061419\
Data File : BN006330.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 16:52:12 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A4226

Manual Integrations APPROVED
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6/17/2019 8:28:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4414	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8269	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14854m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10084m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	9705m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5158	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9712m	0.24	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1861	0.040	ng/ul#	89
8) Acenaphthene	14.36	153	643	0.020	ng/ul	95
9) Fluorene	15.35	166	1058	0.028	ng/ul#	94
12) Phenanthrene	17.09	178	18539	0.389	ng/ul	99
13) Anthracene	17.18	178	4882m	0.107	ng/ul	
15) Fluoranthene	19.12	202	36459m	0.692	ng/ul	
17) Pyrene	19.49	202	31223	0.588	ng/ul	99
18) Benzo(a)anthracene	21.25	228	16214	0.364	ng/ul	99
19) Chrysene	21.30	228	15246	0.364	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	21419m	0.529	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	8731m	0.222	ng/ul	
23) Benzo(a)pyrene	23.40	252	13389m	0.355	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	9960m	0.244	ng/ul	
25) Dibenzo(a,h)anthracene	25.73	278	2854m	0.088	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	7923m	0.232	ng/ul	

JU 06/20/19

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