Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

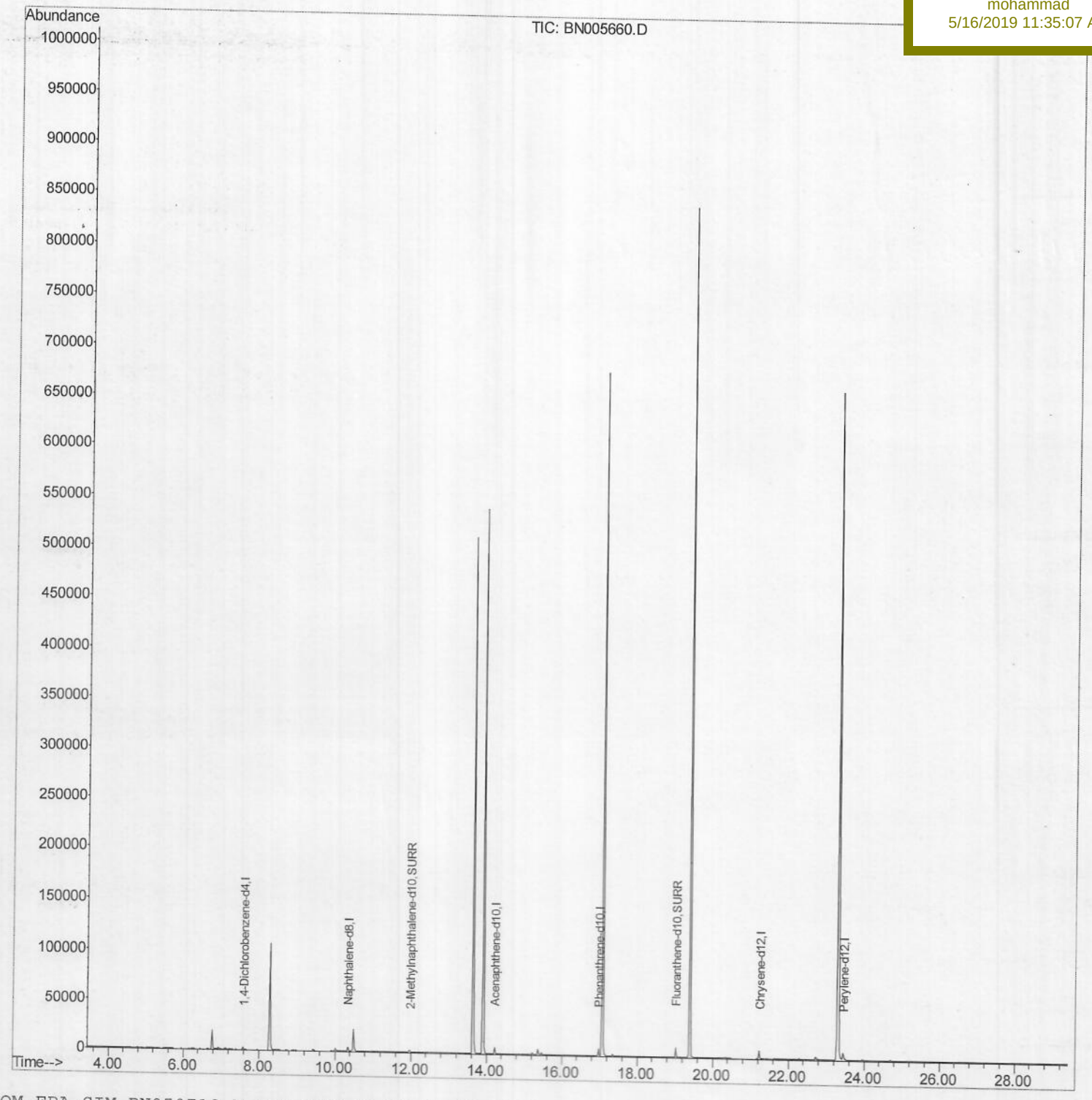
Quantitation Report (QT Reviewed)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 06:09:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

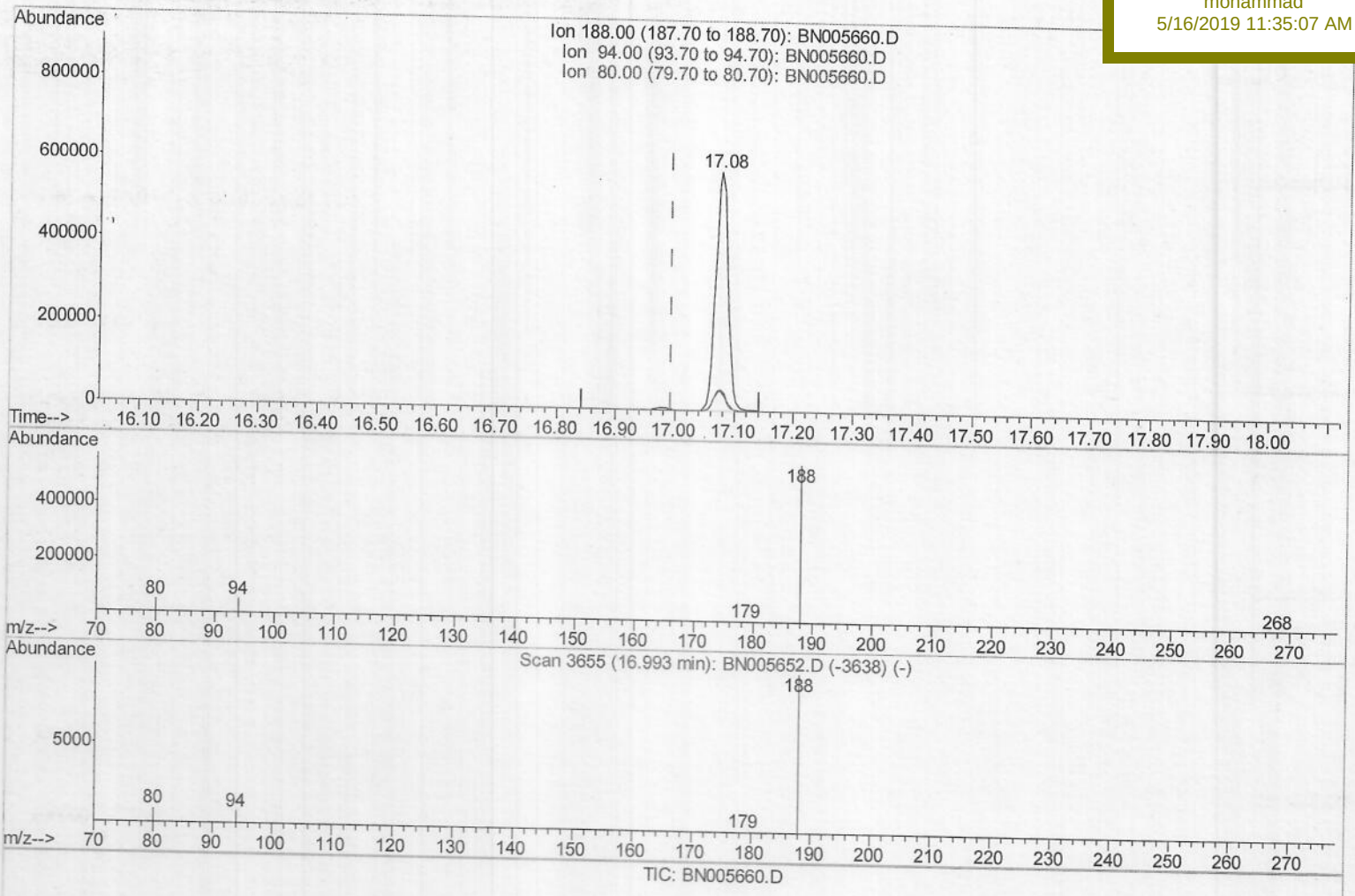
Quantitation Report (Qedit)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 05:28:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



TIC: BN005660.D

(10) Phenanthrene-d10 (I)

17.078min (+0.084) 0.40ng/ul

response 837870

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.79
80.00	9.80	8.03
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

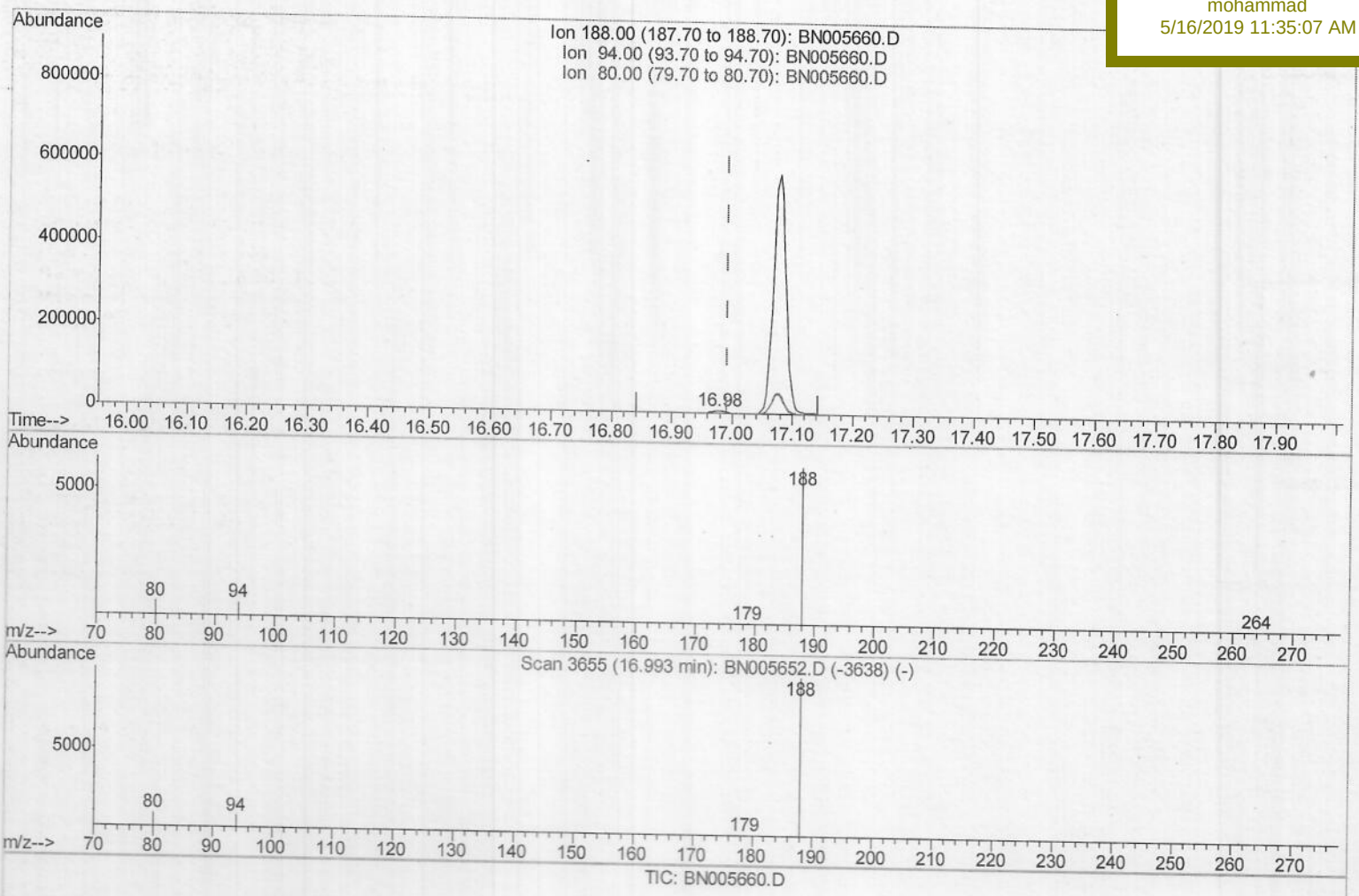
Quantitation Report (Qedit)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 05:28:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



(10) Phenanthrene-d10 (I)

16.976min (-0.017) 0.40ng/ul m JU 05/22/19

response 9261

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.20
80.00	9.80	9.28
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

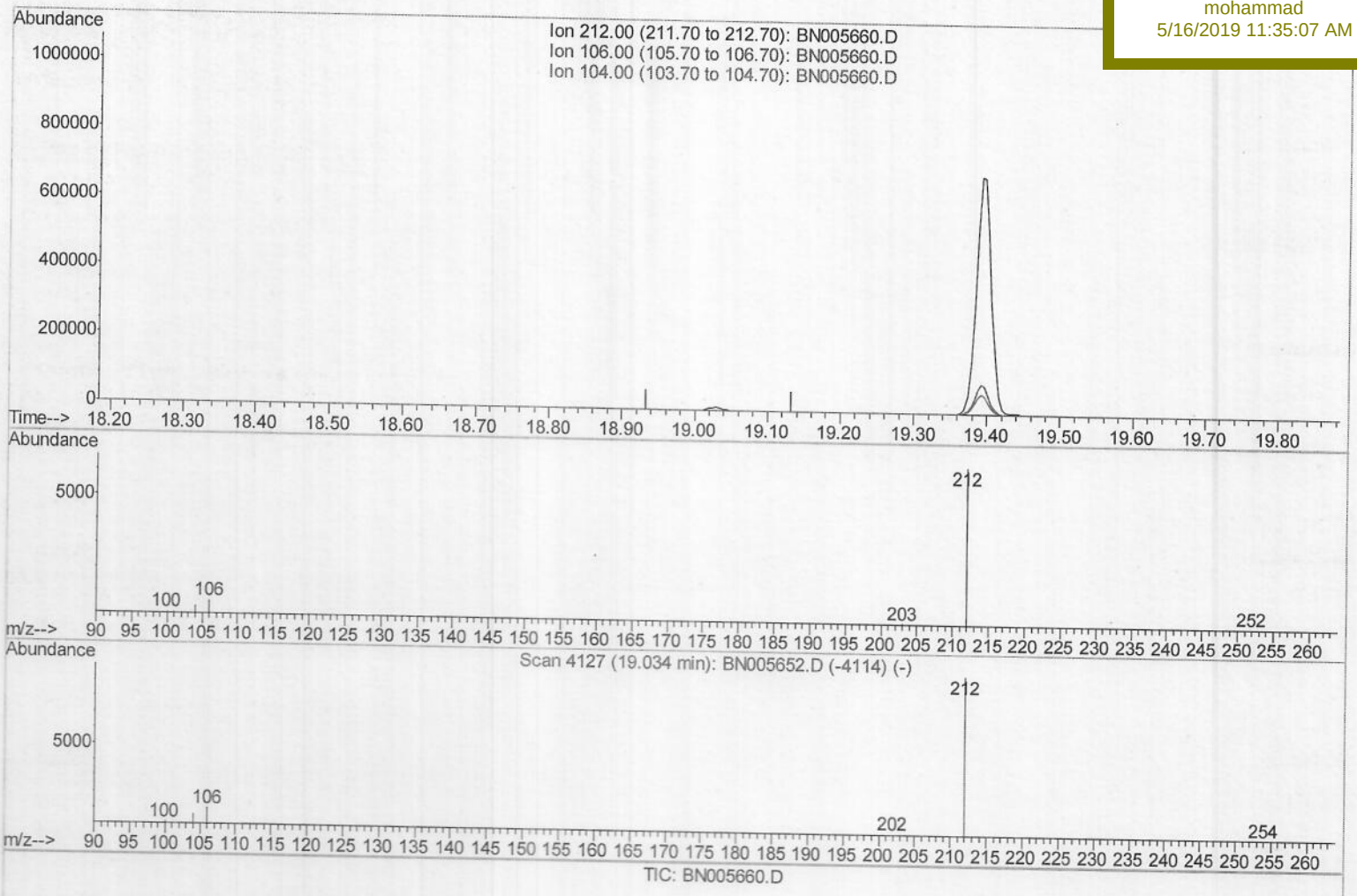
Quantitation Report (Qedit)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 06:07:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



TIC: BN005660.D

(14) Fluoranthene-d10 (SURR)

19.034min (-19.034) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

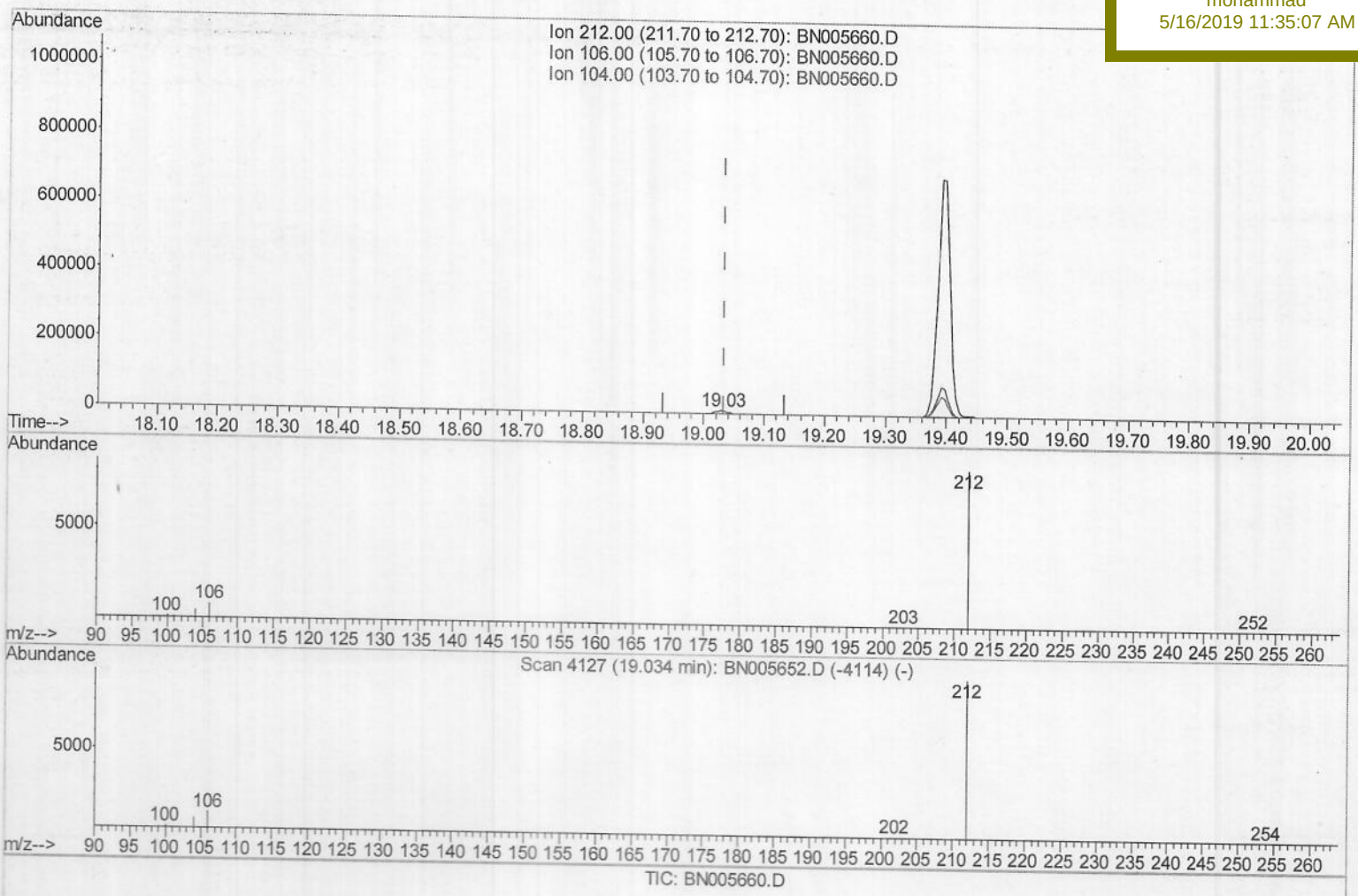
Quantitation Report (Qedit)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 06:07:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



(14) Fluoranthene-d10 (SURR)

19.030min (-0.005) 0.38ng/ul m JU 05/22/19

response 11051

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

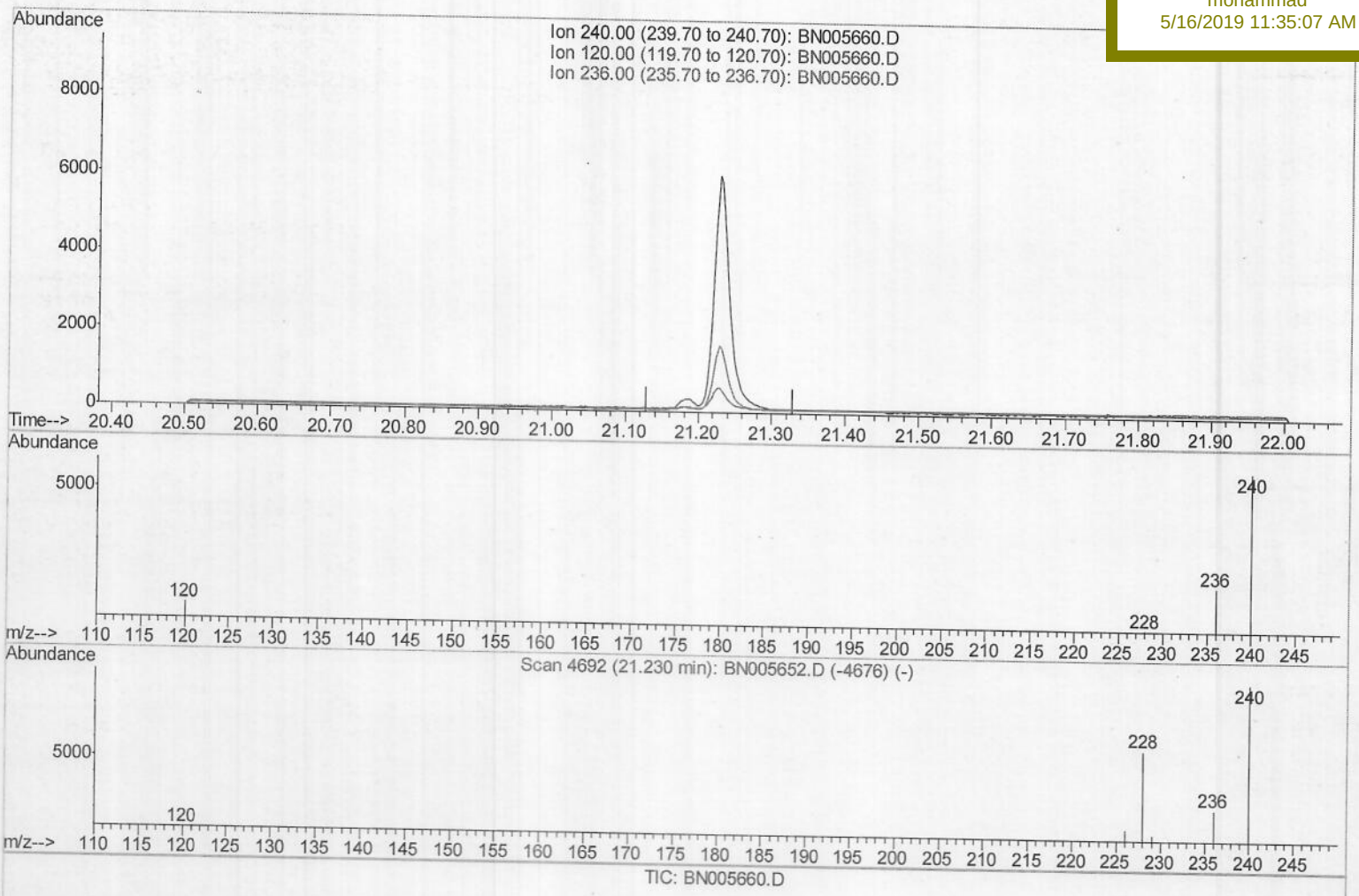
Quantitation Report (Qedit)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 06:07:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



TIC: BN005660.D

(16) Chrysene-d12 (I)

21.230min (-21.230) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

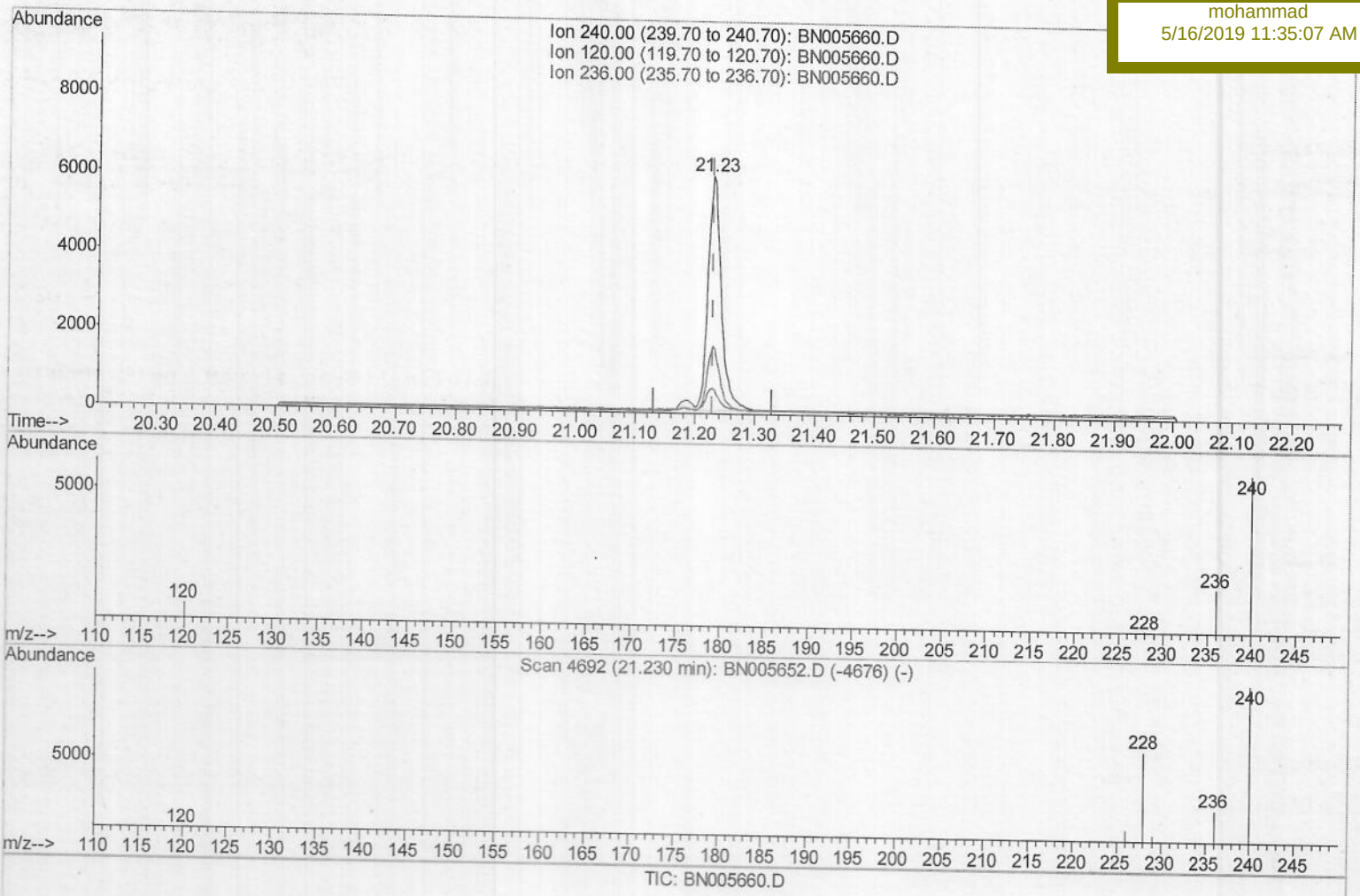
Quantitation Report (Qedit)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 06:07:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



TIC: BN005660.D

(16) Chrysene-d12 (I)

21.229min (-0.001) 0.40ng/ul m JU 05/22/19

response 9156

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	10.69
236.00	28.00	28.02
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

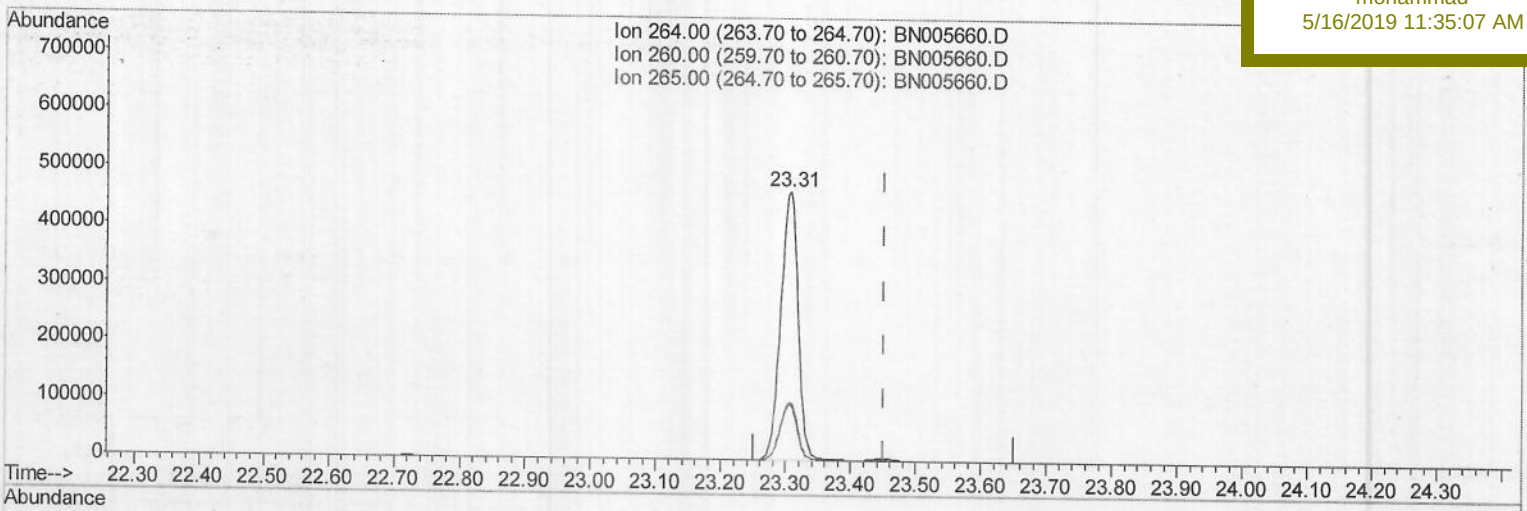
Quantitation Report (Qedit)

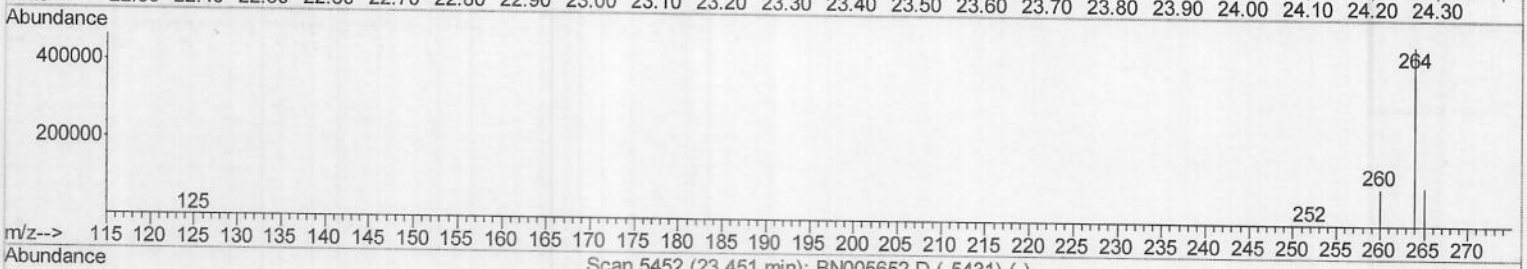
Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

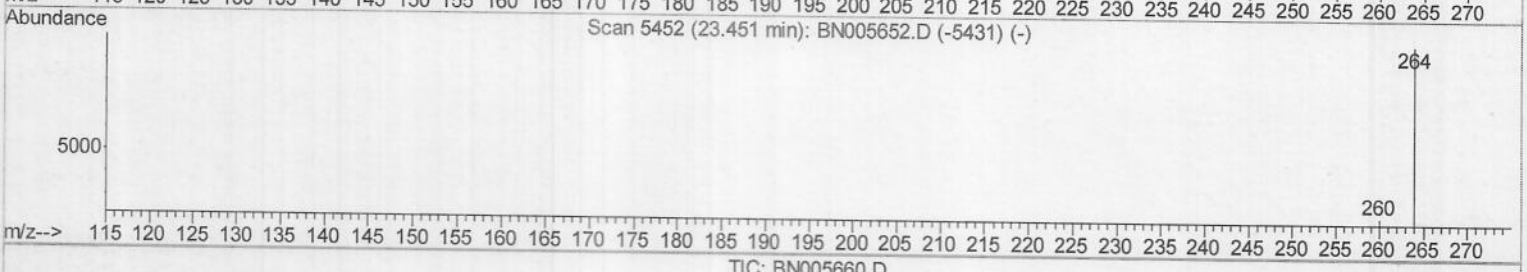
Quant Time: May 14 06:08:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM







TIC: BN005660.D

(20) Perylene-d12 (I)

23.307min (-0.145) 0.40ng/ul

response 862630

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.77
265.00	31.70	21.45#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

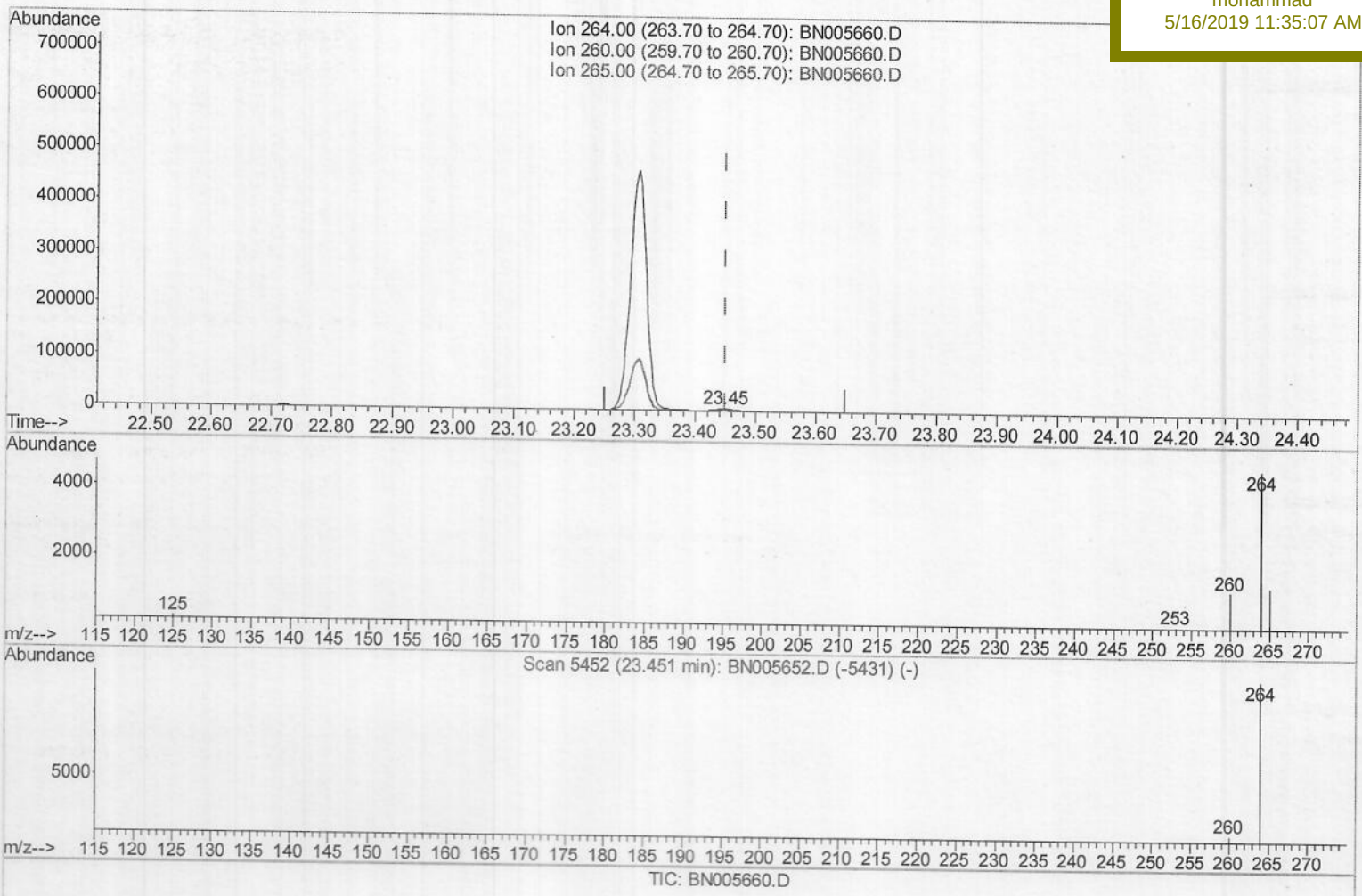
Quantitation Report (Qedit)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 06:08:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM



TIC: BN005660.D

(20) Perylene-d12 (I)

23.447min (-0.004) 0.40ng/ul m)JU 05/22/19

response 7729

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.54
265.00	31.70	28.28
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

Quantitation Report (QT Reviewed)

Data File : BN005660.D
Acq On : 13 May 2019 19:42
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 14 06:09:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A5156

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:07 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1353	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	5674	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	3846	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	9261m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	9156m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7729m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3851	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	11051m	0.38	ng/ul	0.00
Target Compounds						Qvalue

JU 05/22/19

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