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

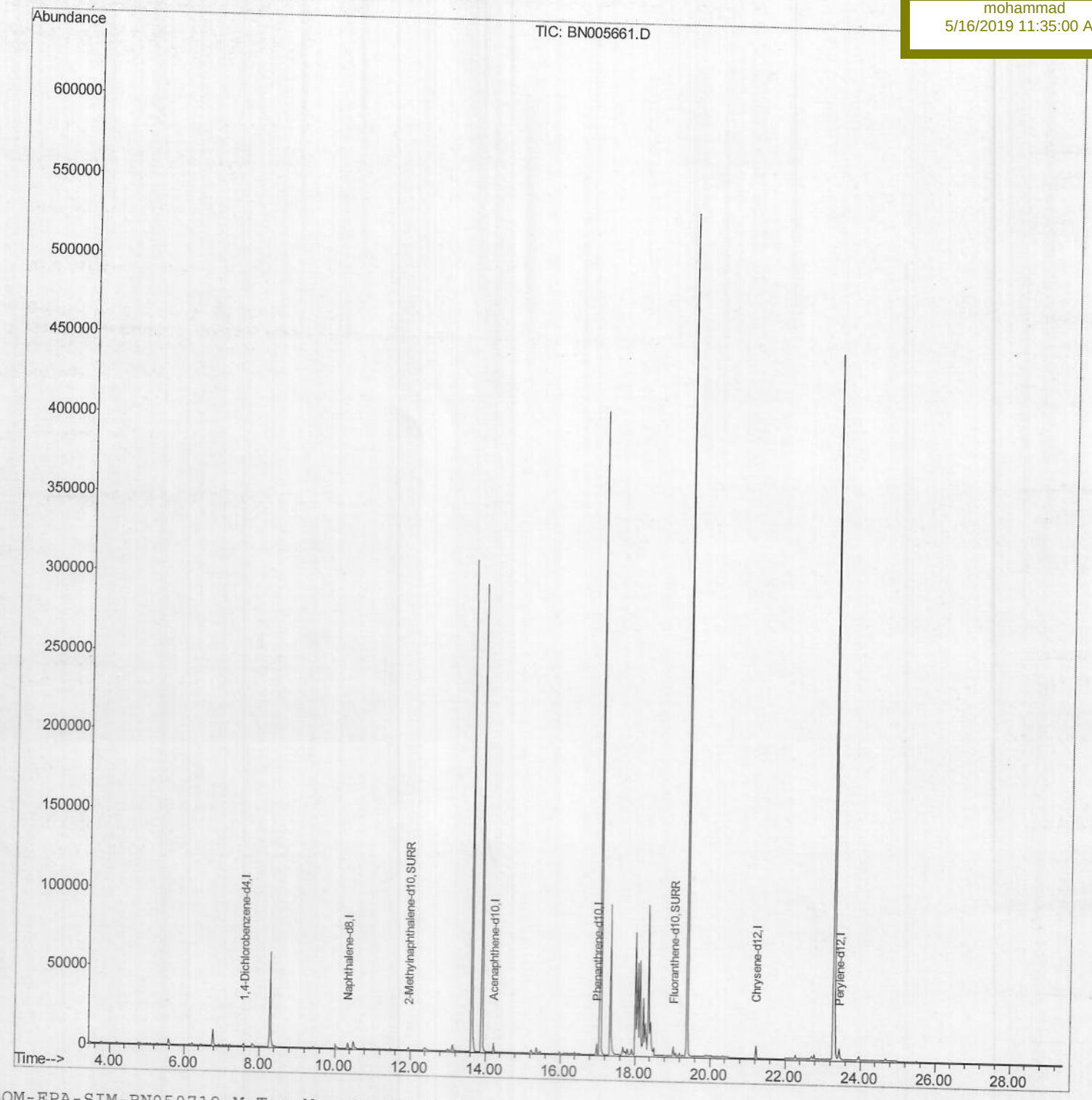
Quantitation Report (QT Reviewed)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 06:12:20 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 :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



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

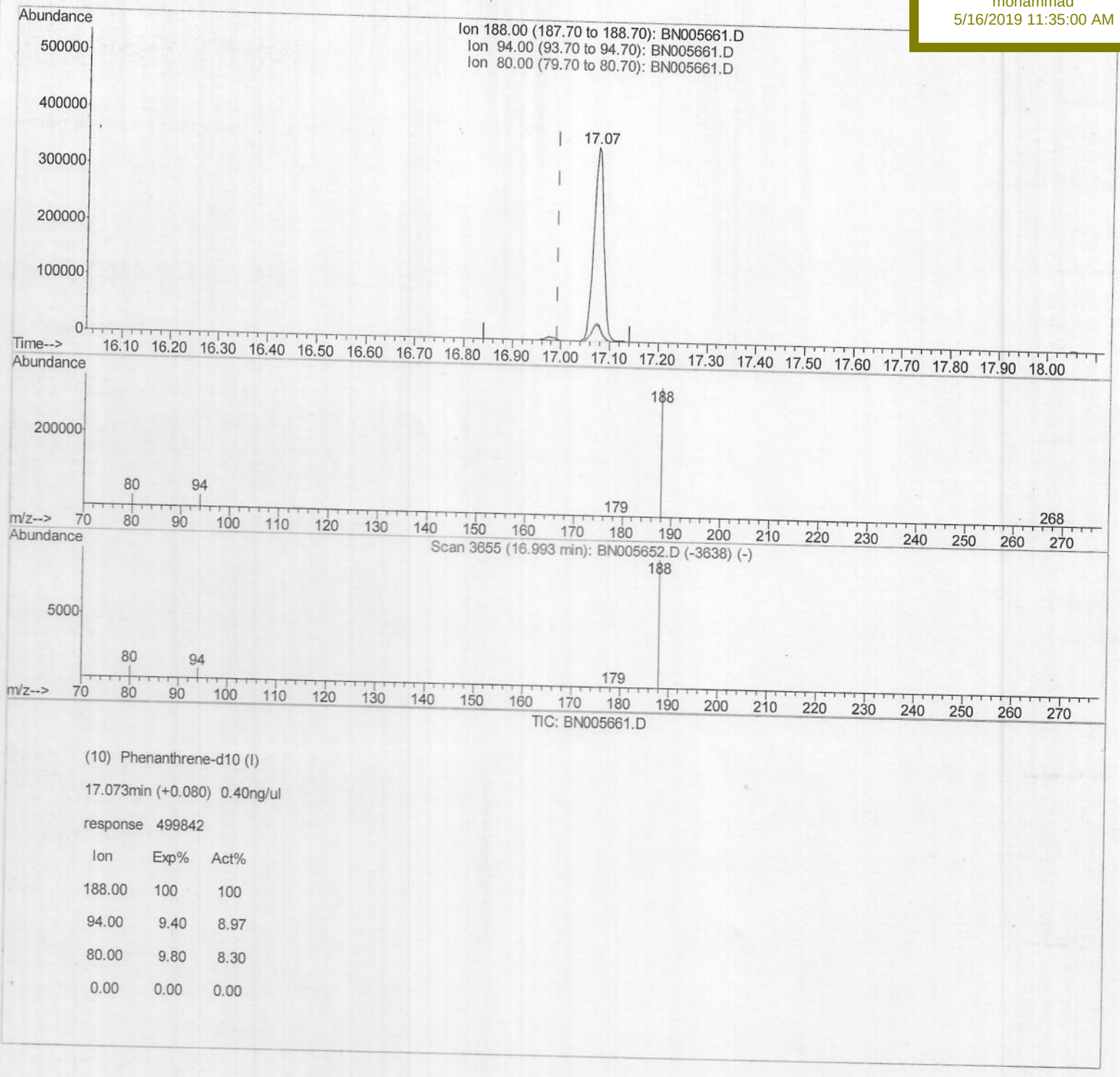
Quantitation Report (Qedit)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 05:28:06 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 :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



(10) Phenanthrene-d10 (I)

17.073min (+0.080) 0.40ng/ul

response 499842

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.97
80.00	9.80	8.30
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 05:28:06 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
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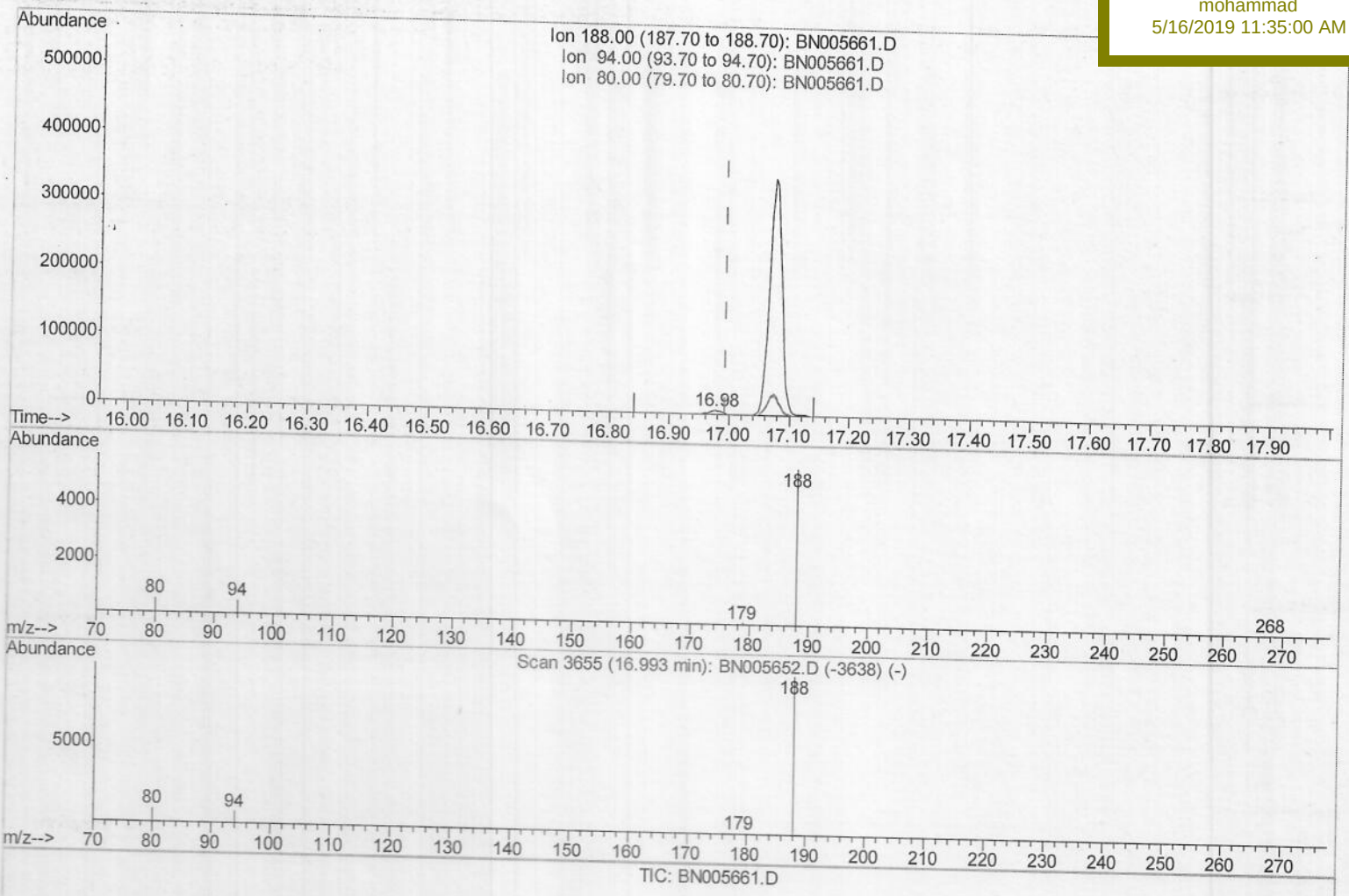
Instrument :
BNA_N
ClientSampleId :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



TIC: BN005661.D

(10) Phenanthrene-d10 (I)

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

response 7968

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.02
80.00	9.80	9.70
0.00	0.00	0.00

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

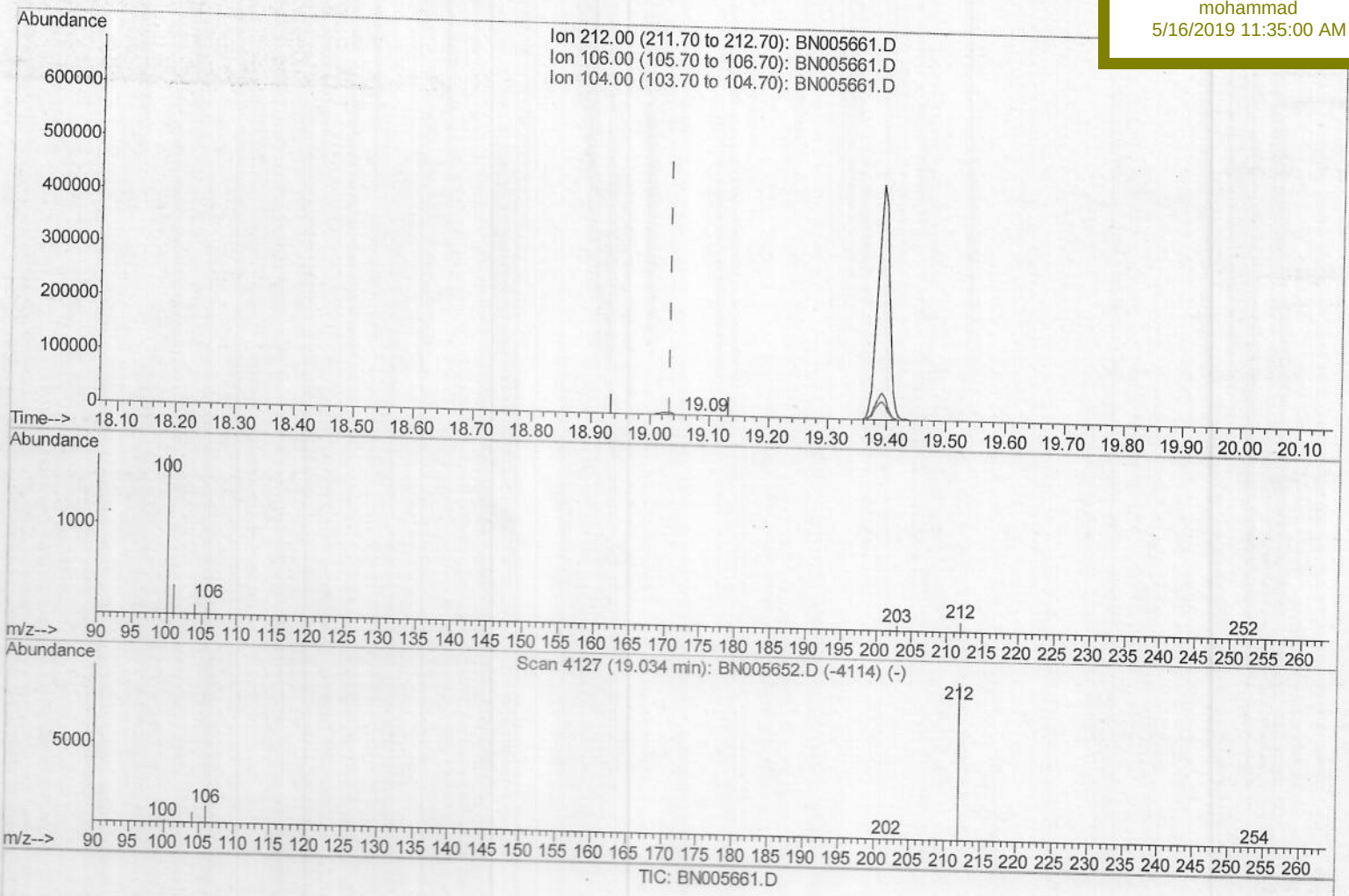
Quantitation Report (Qedit)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 06:10:55 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 :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



(14) Fluoranthene-d10 (SURR)

19.090min (+0.056) 0.01ng/ul

response 144

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	135.42#
104.00	6.20	96.53#
0.00	0.00	0.00

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

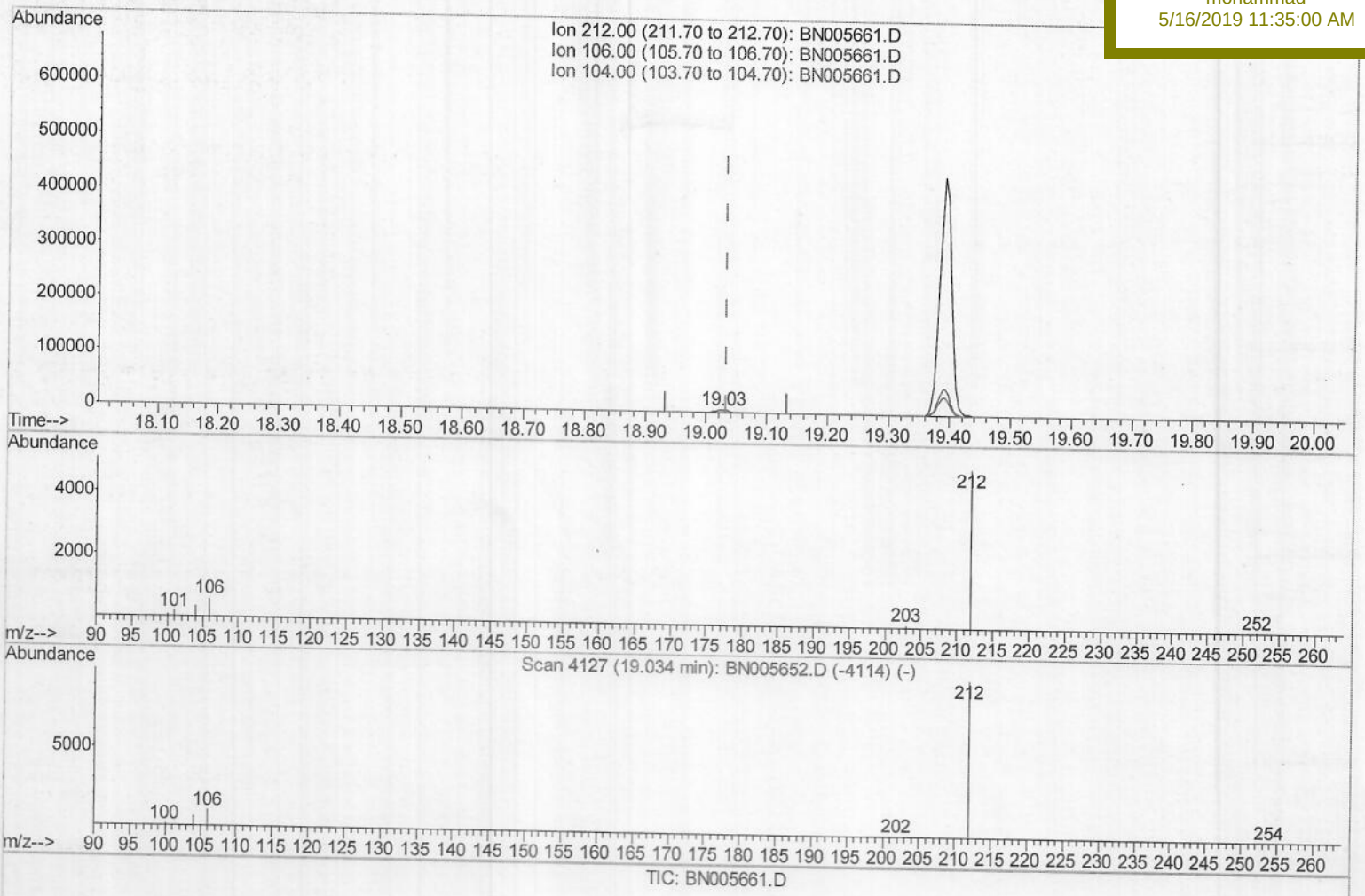
Quantitation Report (Qedit)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 06:10:55 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 :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.28ng/ul m JU 05/22/19

response 6910

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	2.82#
104.00	6.20	2.01#
0.00	0.00	0.00

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

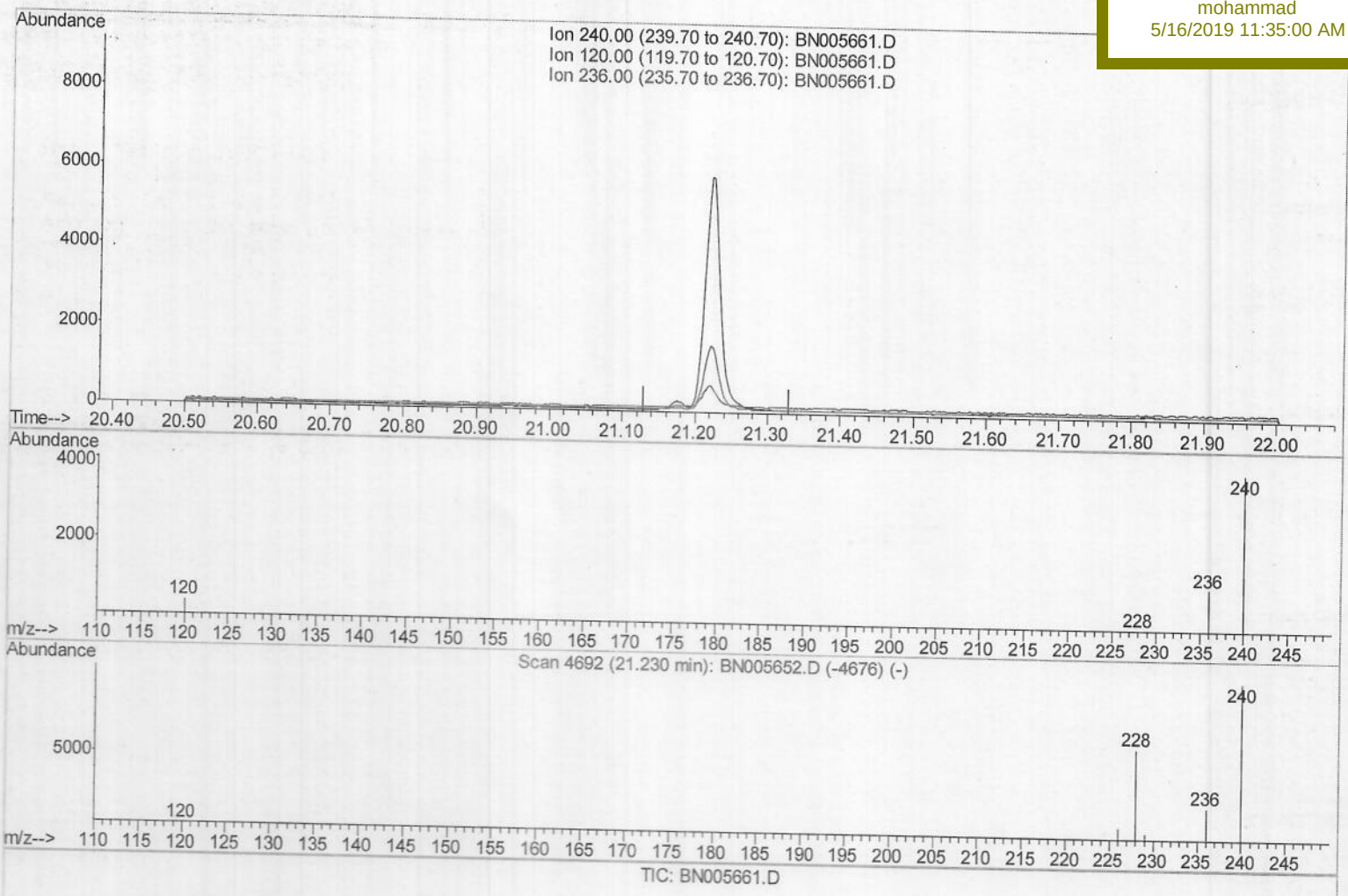
Quantitation Report (Qedit)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 06:10:55 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 :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



TIC: BN005661.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\

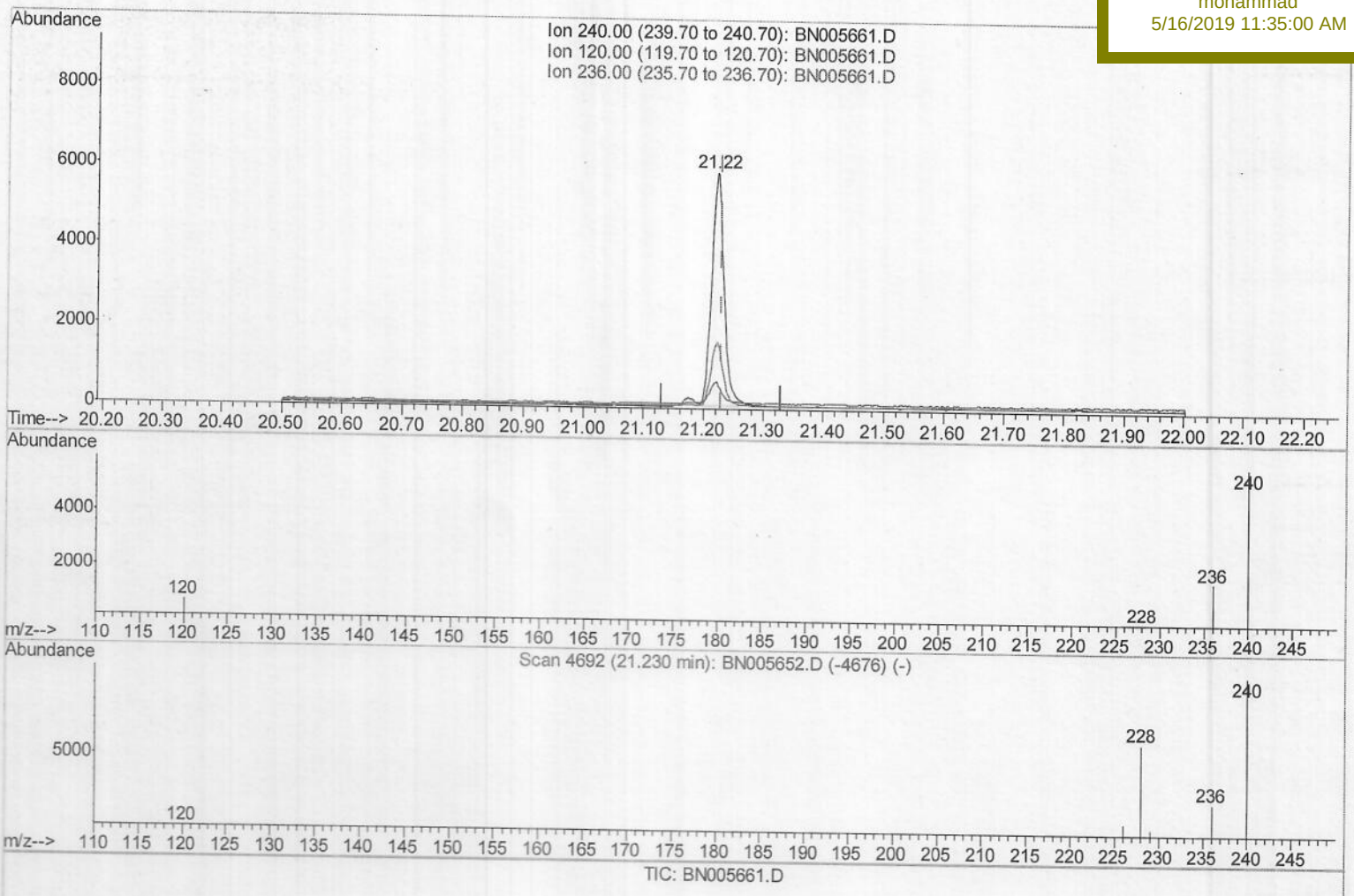
Quantitation Report (Qedit)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 06:10:55 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 :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



(16) Chrysene-d12 (I)

21.221min (-0.009) 0.40ng/ul m JU 05/22/19

response 8233

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.48
236.00	28.00	28.18
0.00	0.00	0.00

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

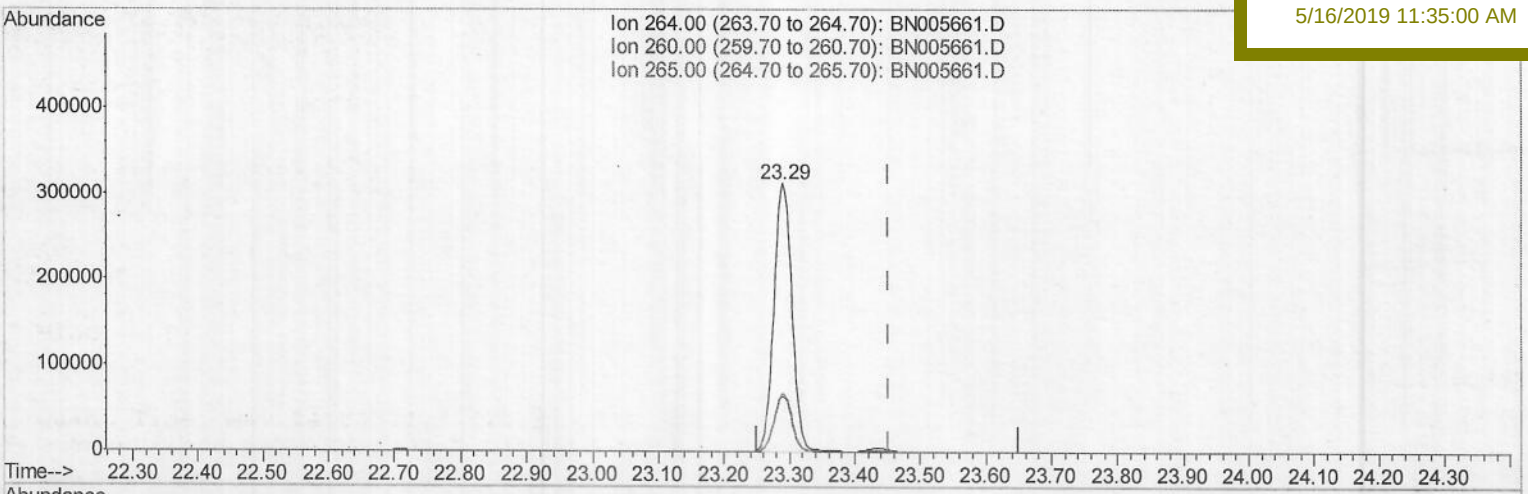
Quantitation Report (Qedit)

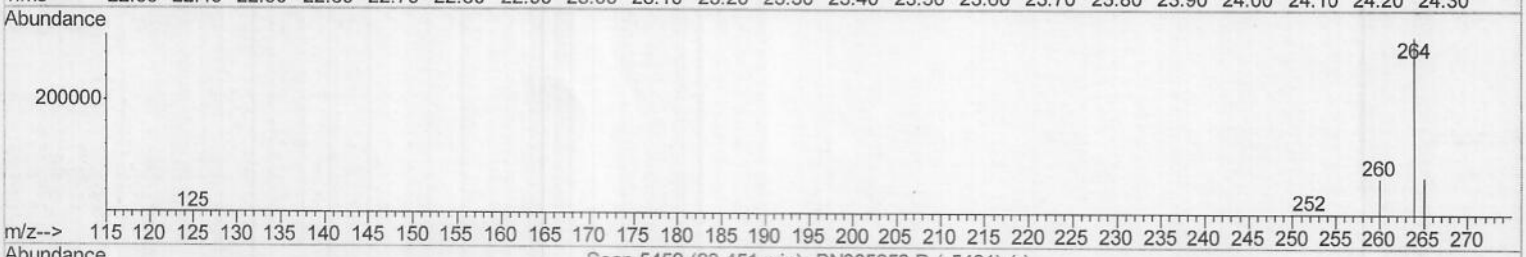
Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

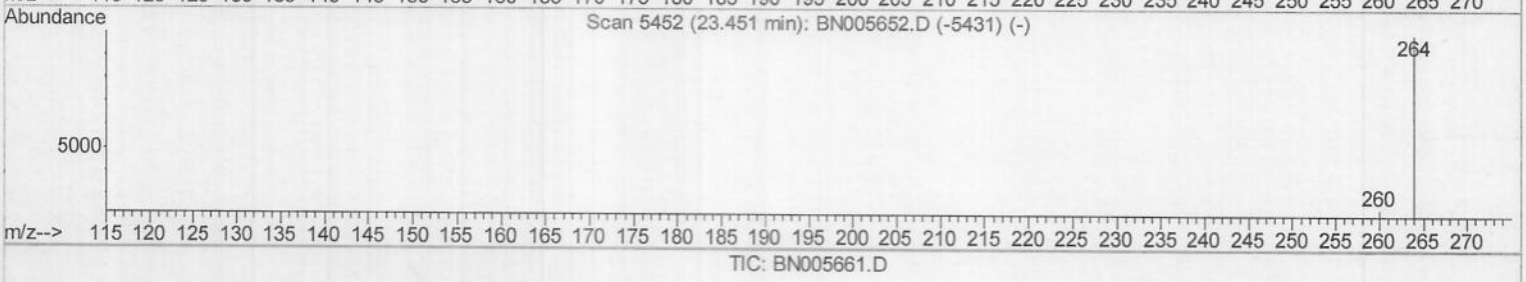
Quant Time: May 14 06:11:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 05:24:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM







(20) Perylene-d12 (I)

23.291min (-0.161) 0.40ng/ul

response 587759

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.61
265.00	31.70	21.32#
0.00	0.00	0.00

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

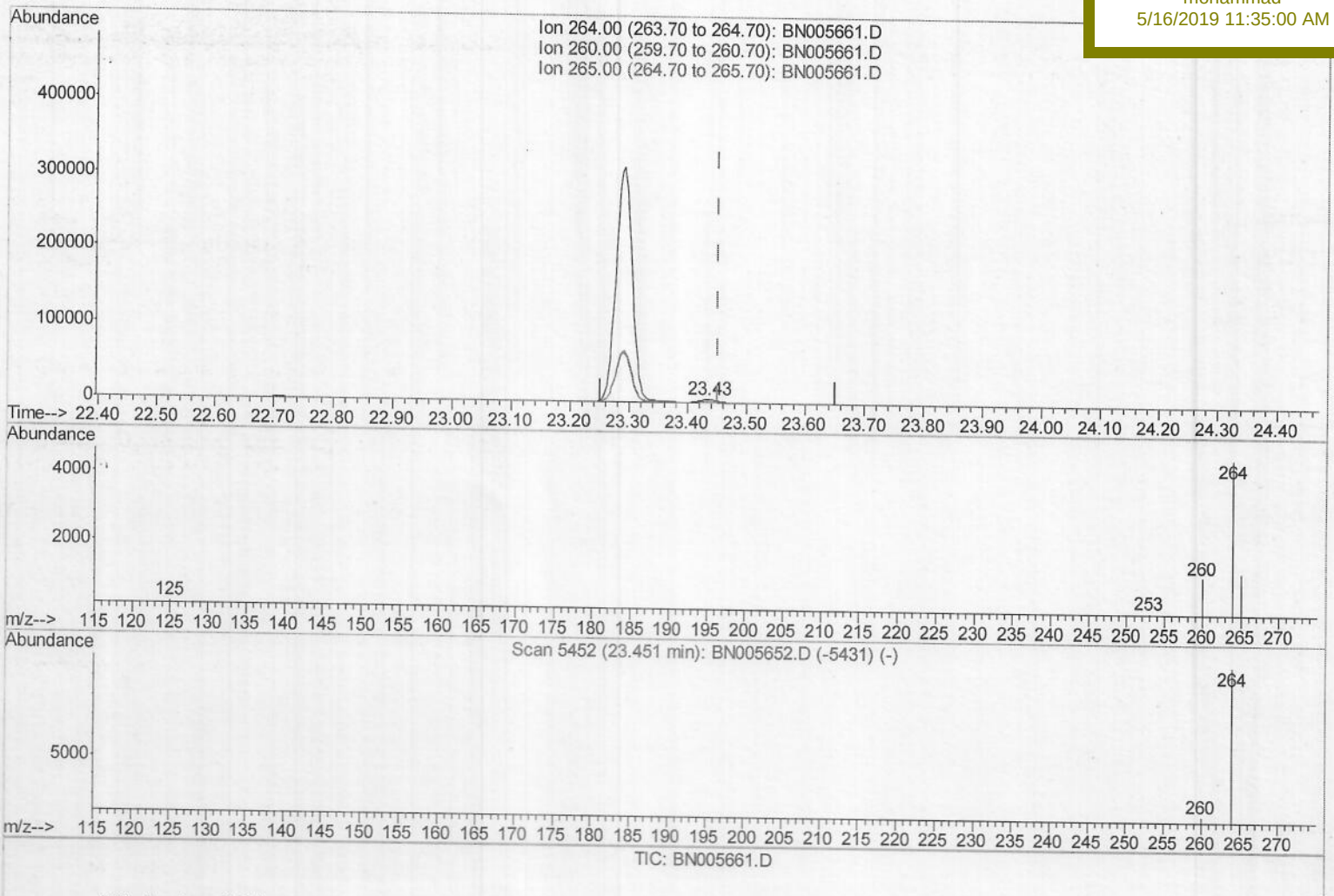
Quantitation Report (Qedit)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 06:11:34 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 :
A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM



(20) Perylene-d12 (I)

23.434min (-0.018) 0.40ng/ul m SJU05/22/19

response 7761

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	26.05
265.00	31.70	29.03
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : BN005661.D
Acq On : 13 May 2019 20:16
Operator : JU/SJ
Sample : K2690-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 14 06:12:20 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 : A5159

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1011	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	4577	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	3134	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7968m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	8233m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	7761m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2198	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	6910m	0.28	ng/ul	0.00
Target Compounds						Qvalue

JU 05/22/19

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