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

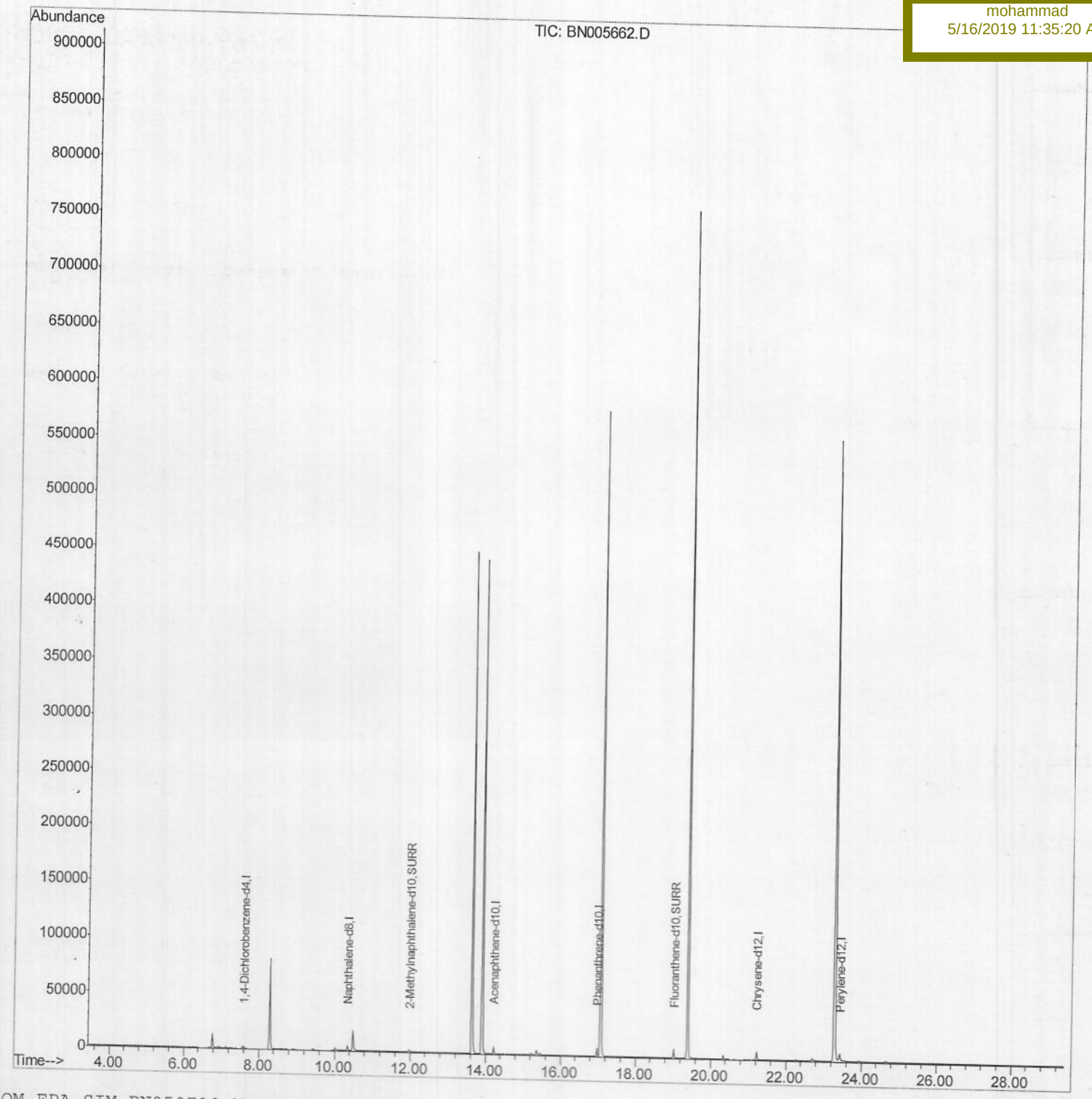
Quantitation Report (QT Reviewed)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:15:09 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 :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



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

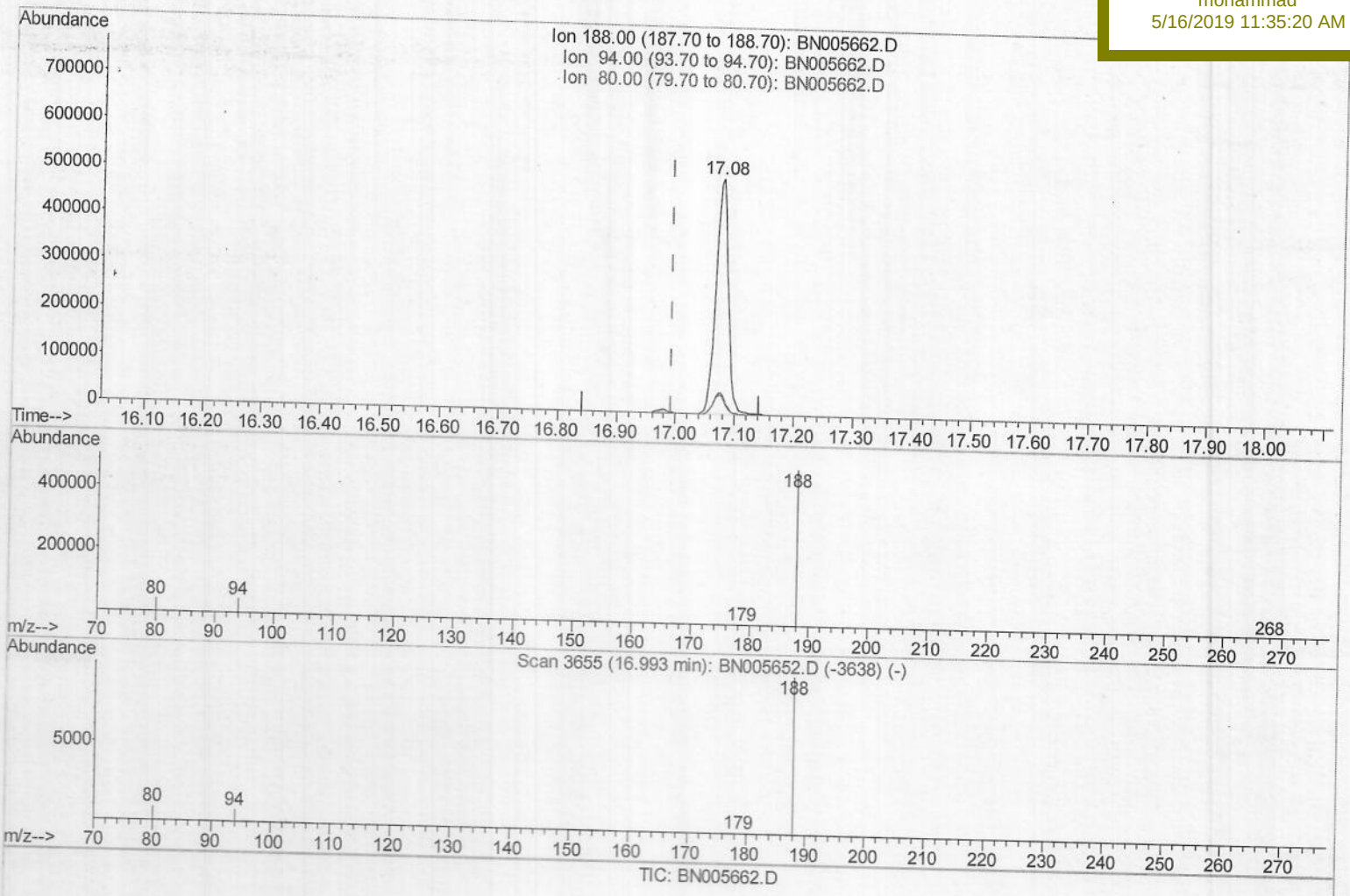
Quantitation Report (Qedit)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 05:28:10 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 :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



TIC: BN005662.D

(10) Phenanthrene-d10 (I)

17.078min (+0.084) 0.40ng/ul

response 733950

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.63
80.00	9.80	7.91
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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Acq On : 13 May 2019 20:51
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Sample : K2690-18
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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ClientSampleId :
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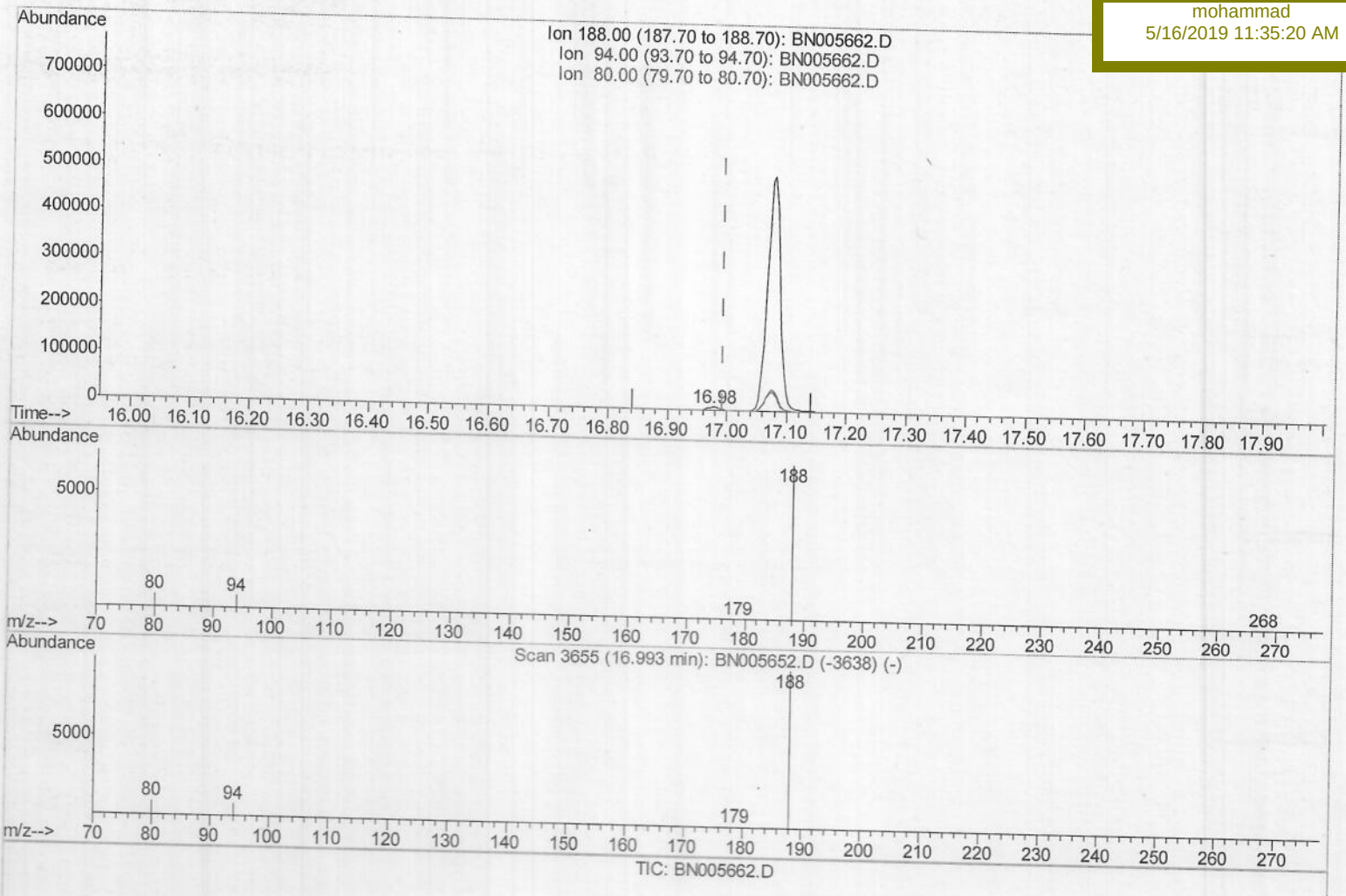
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



(10) Phenanthrene-d10 (I)

16.976min (-0.017) 0.40ng/ul m JJU05/22/19

response 9434

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.55
80.00	9.80	9.11
0.00	0.00	0.00

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

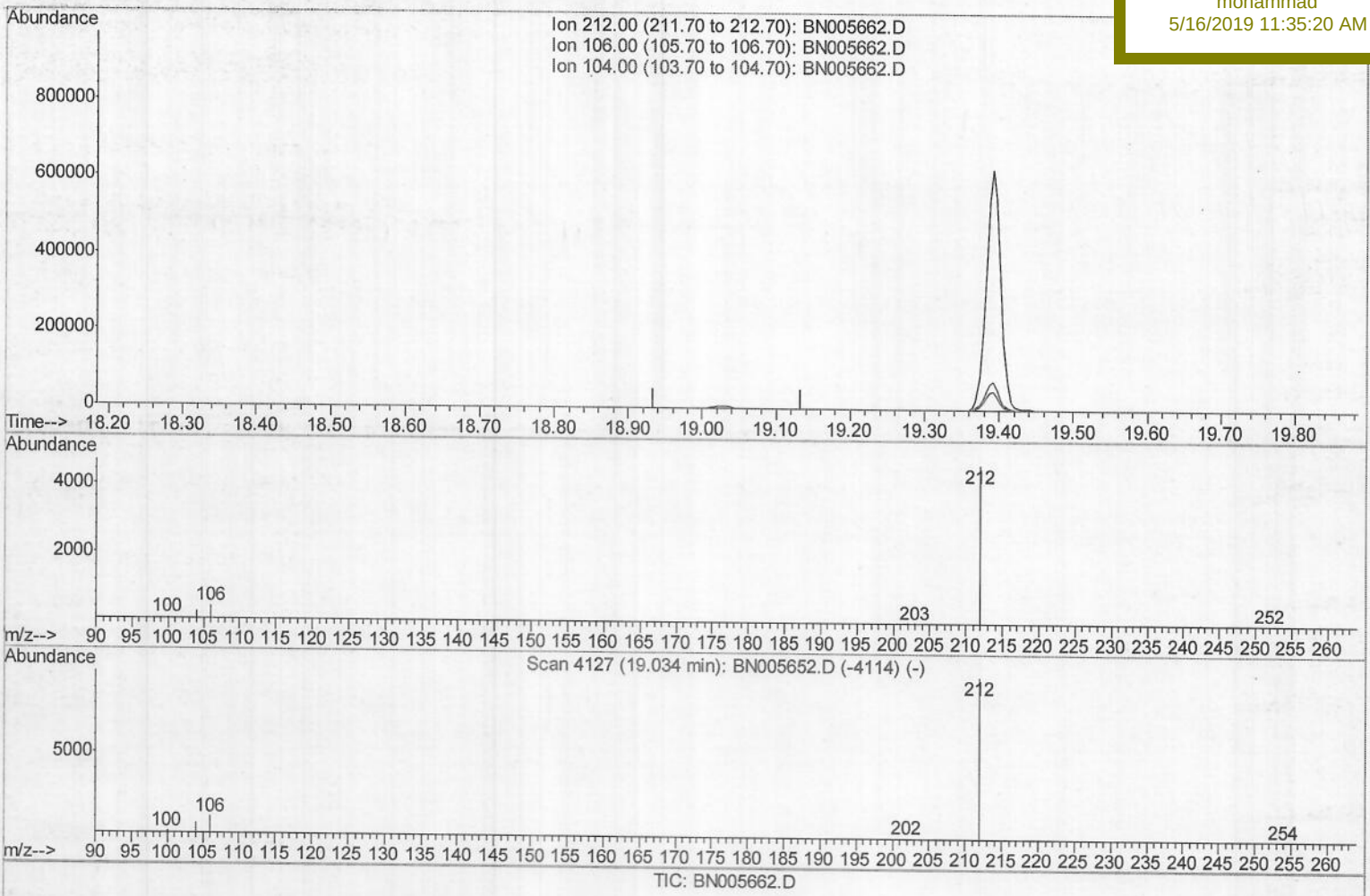
Quantitation Report (Qedit)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:13:20 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 :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



TIC: BN005662.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\

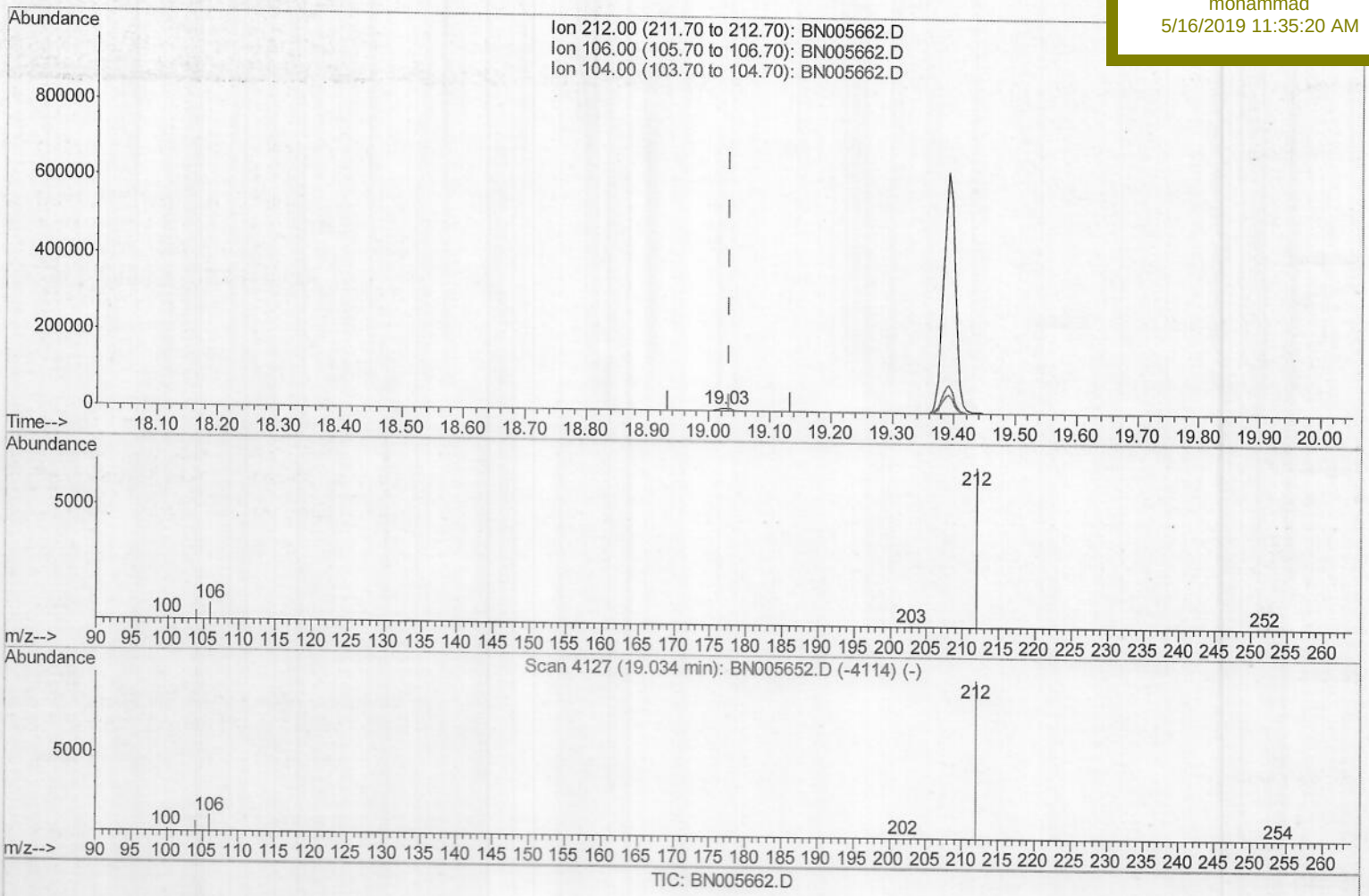
Quantitation Report (Qedit)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:13:20 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 :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.32ng/ul m JU 05/22/19

response 9592

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\

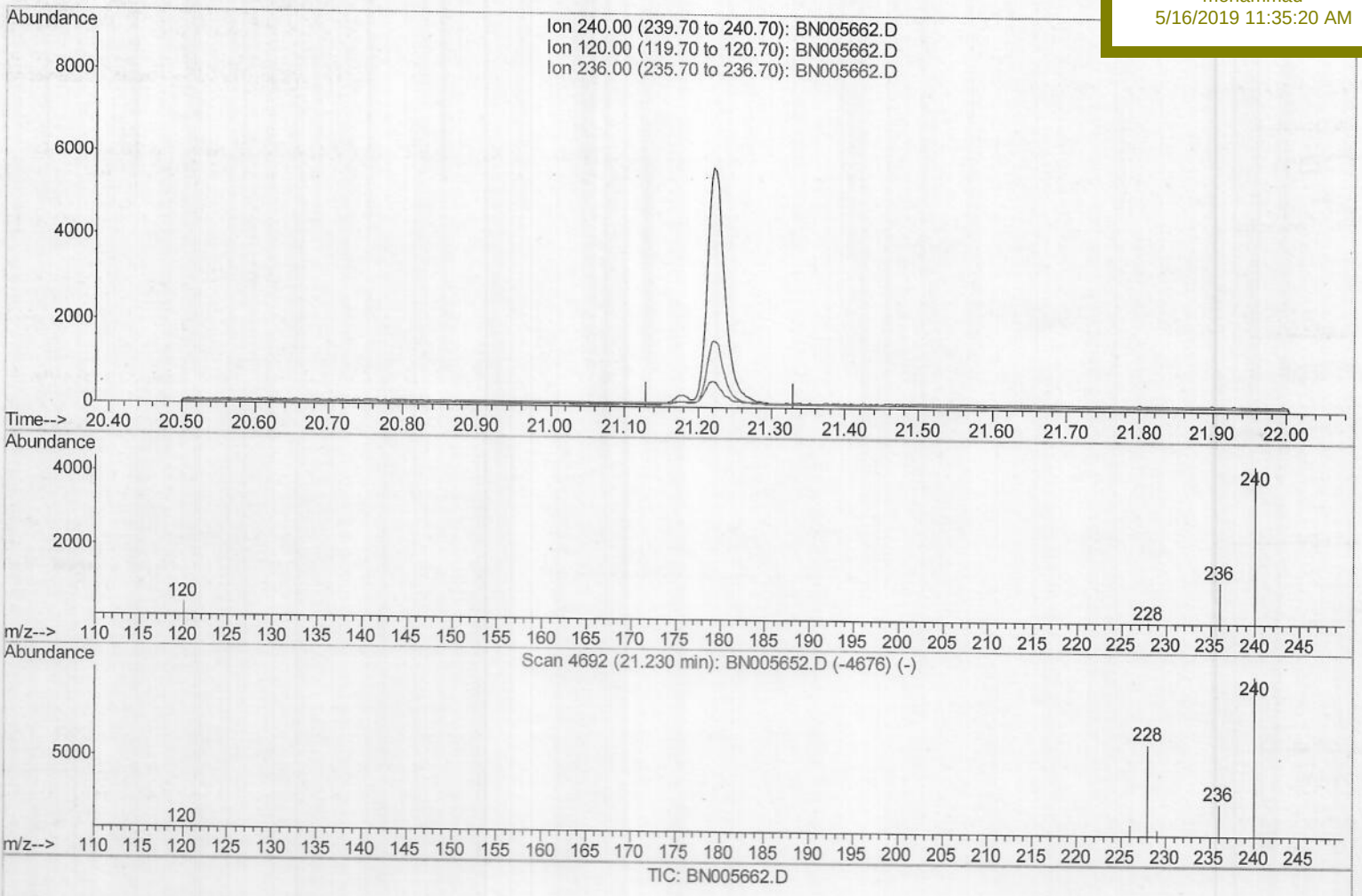
Quantitation Report (Qedit)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:13:20 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 :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



TIC: BN005662.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\

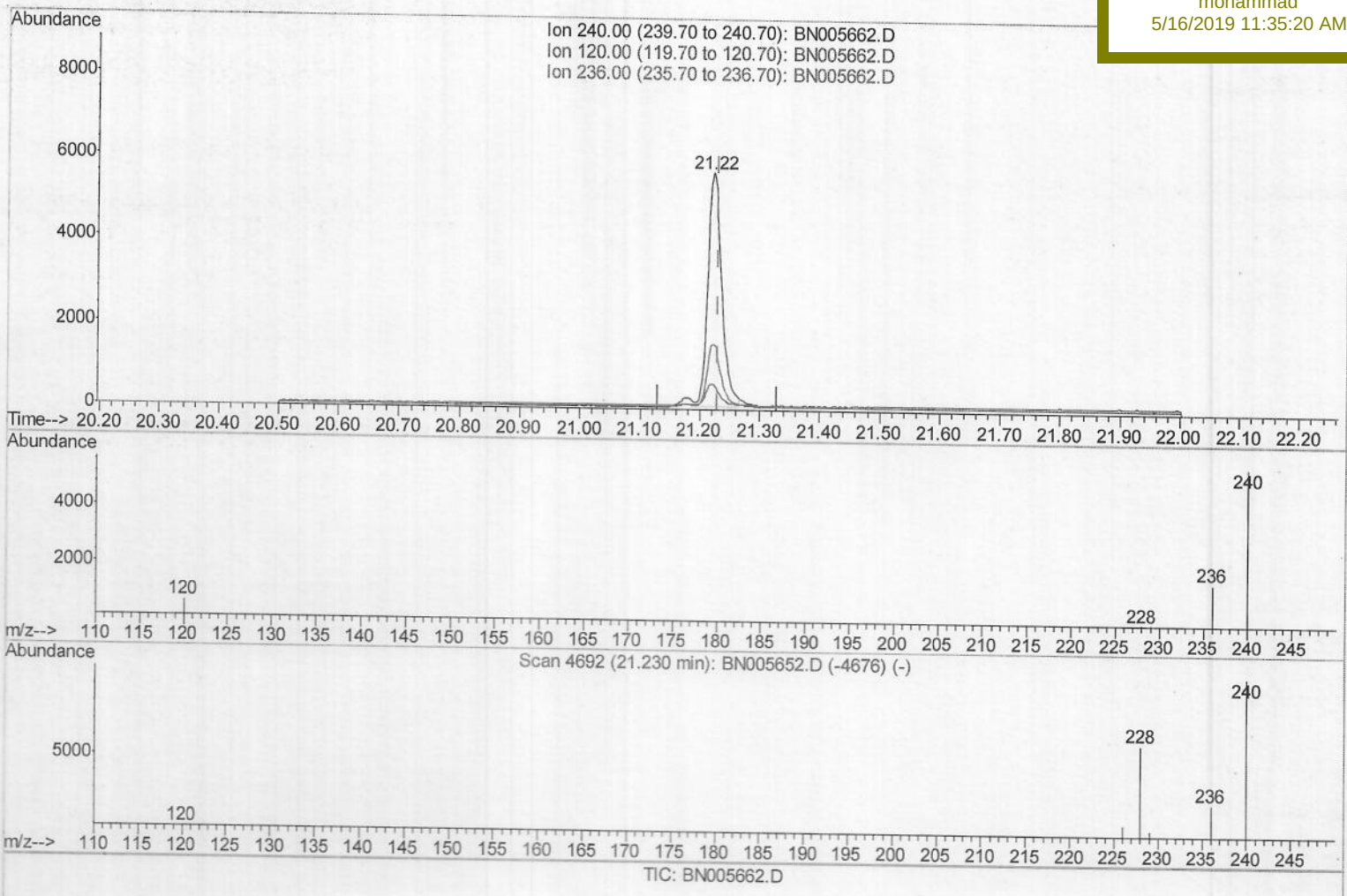
Quantitation Report (Qedit)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:13:20 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 :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



(16) Chrysene-d12 (I)

21.221min (-0.009) 0.40ng/ul m) JU05/22/19

response 9047

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.14
236.00	28.00	27.83
0.00	0.00	0.00

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

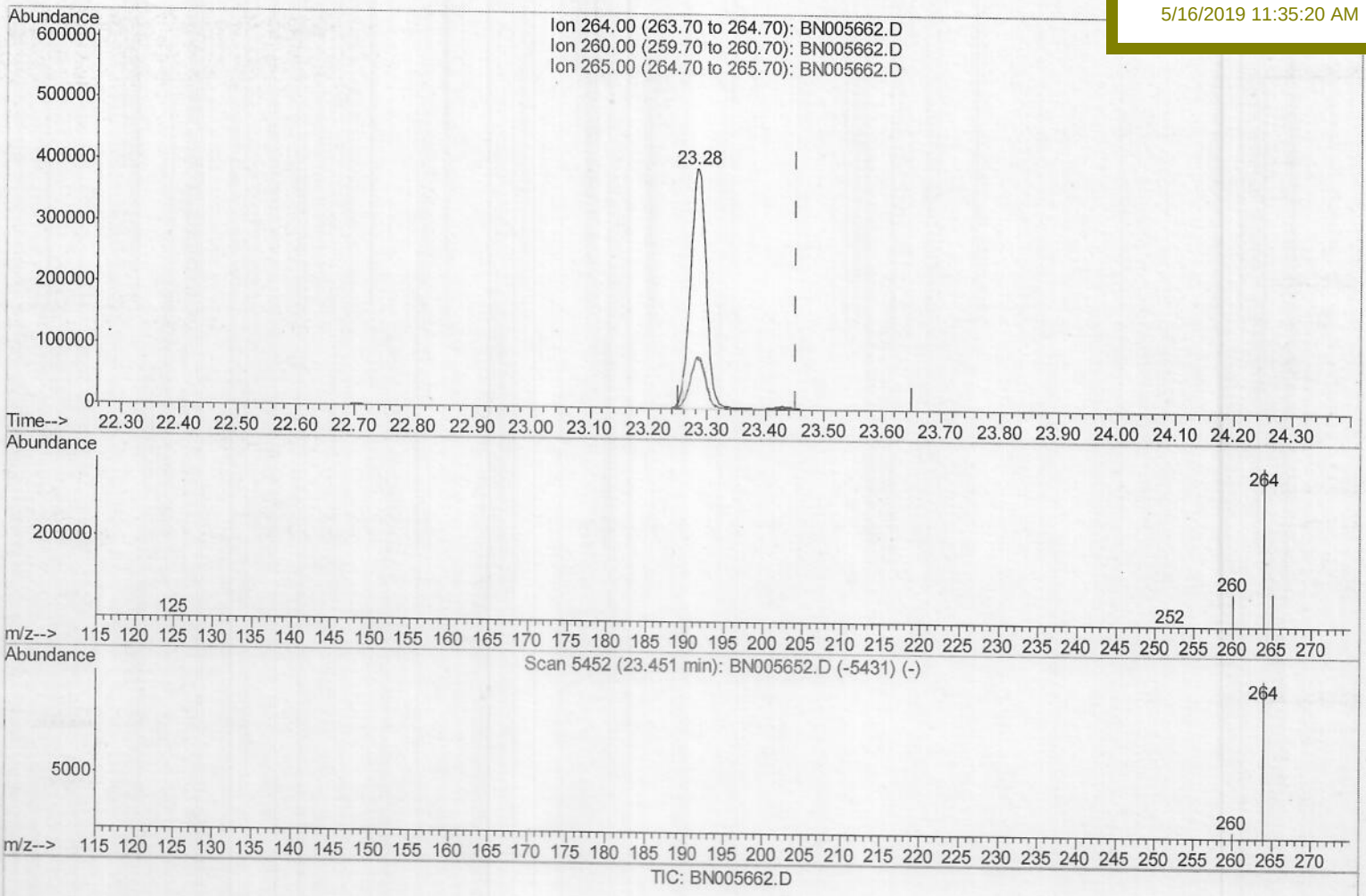
Quantitation Report (Qedit)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:14:02 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 :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



TIC: BN005662.D

(20) Perylene-d12 (I)

23.282min (-0.170) 0.40ng/ul

response 712413

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.86
265.00	31.70	21.28#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:14:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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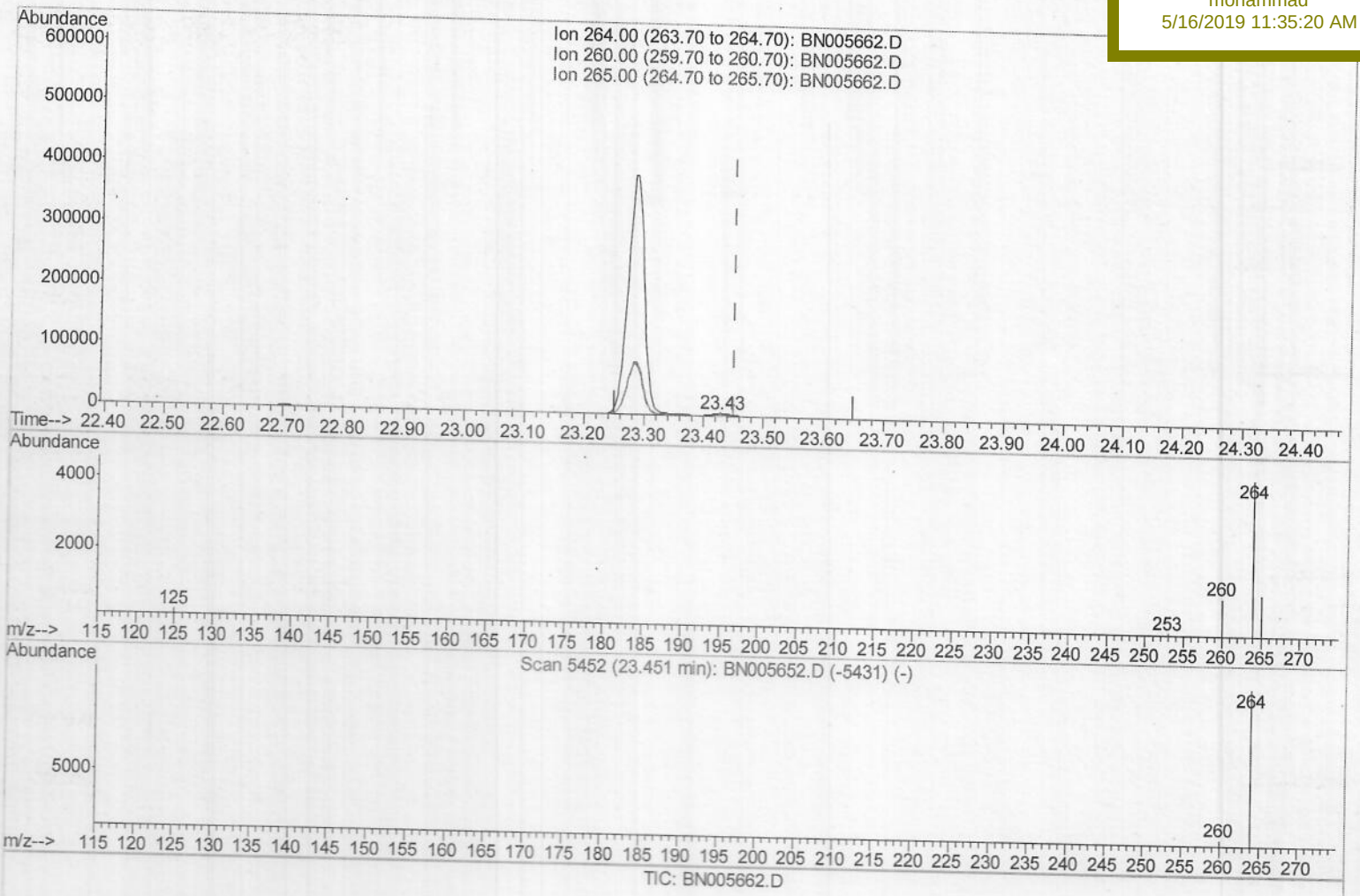
BNA_N
ClientSampleId :
A5164

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM



(20) Perylene-d12 (I)

23.428min (-0.023) 0.40ng/ul m JJV05/22/19

response 7463

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.75
265.00	31.70	28.57
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : BN005662.D
Acq On : 13 May 2019 20:51
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 14 06:15:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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QLast Update : Tue May 14 05:24:26 2019
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Manual Integrations APPROVED
mohammad
5/16/2019 11:35:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1383	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5934	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	3913	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	9434m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	9047m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	7463m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3308	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9592m	0.32	ng/ul	0.00

JU 05/22/19

Target Compounds Qvalue

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