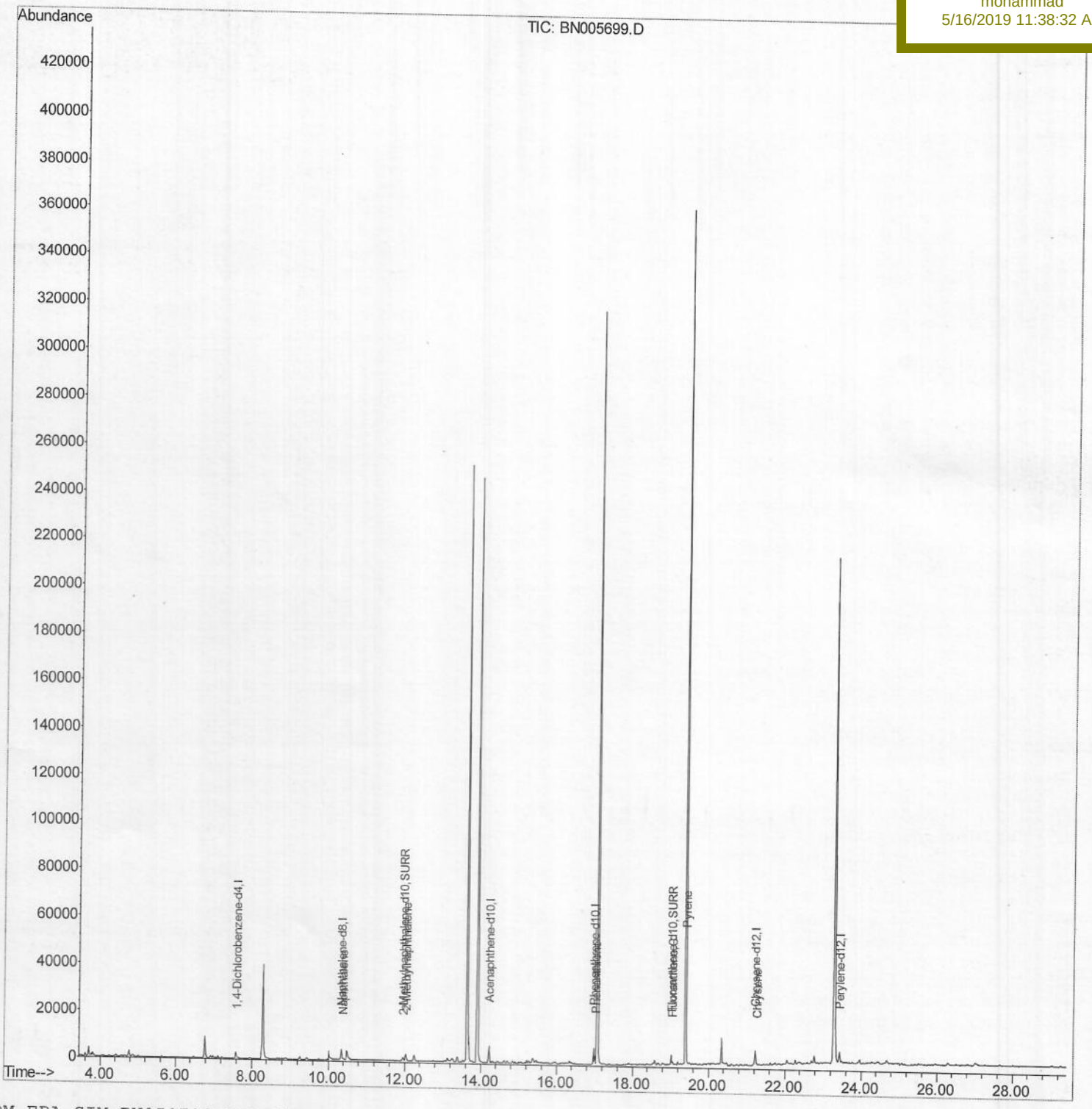
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:21:06 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



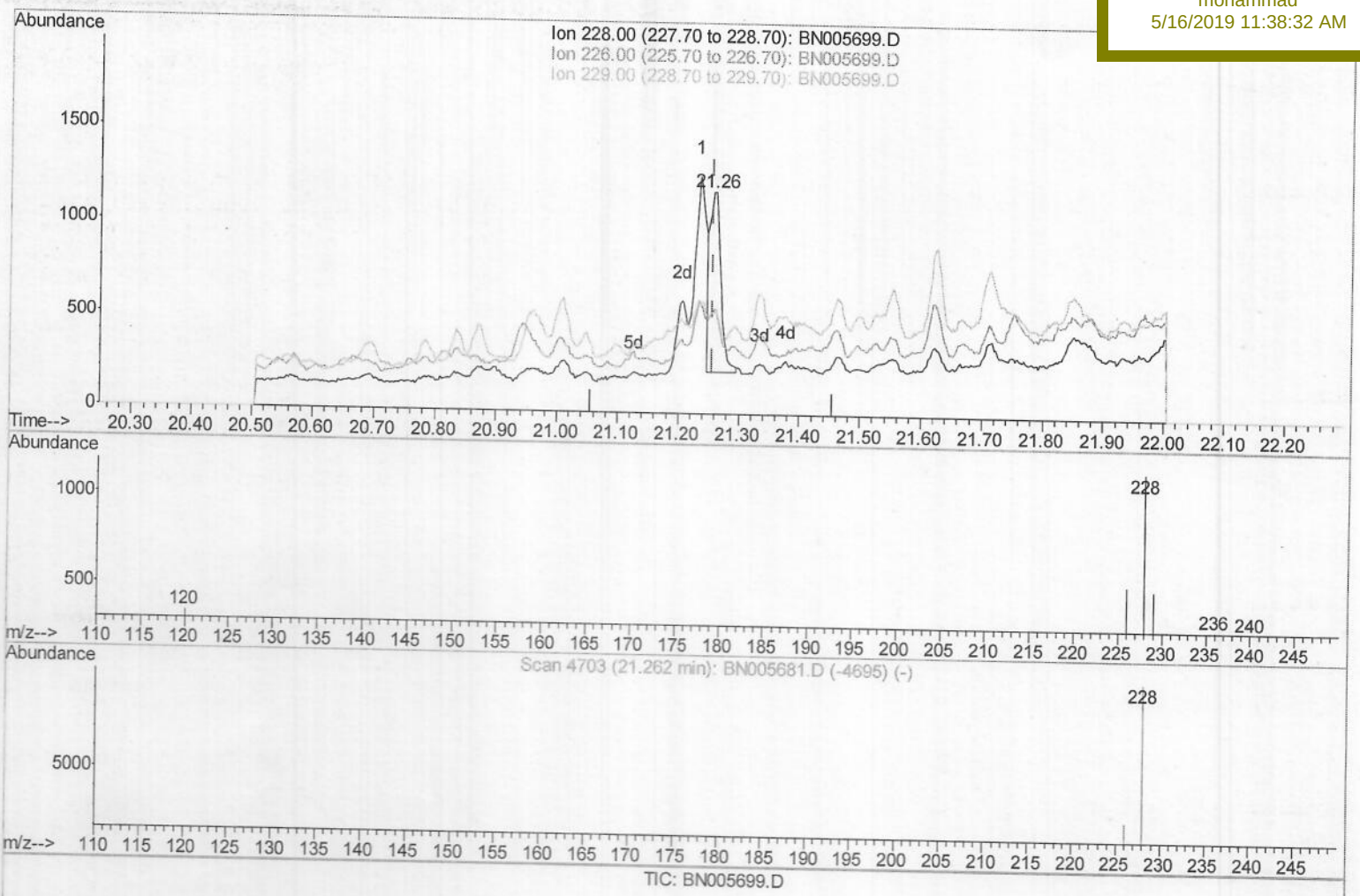
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:15:54 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



TIC: BN005699.D

(19) Chrysene

21.258min (+0.001) 0.05ng/ul m) JU 05/22/19

response 1246

Ion	Exp%	Act%
228.00	100	100
226.00	29.00	46.95#
229.00	20.00	44.92#
0.00	0.00	0.00

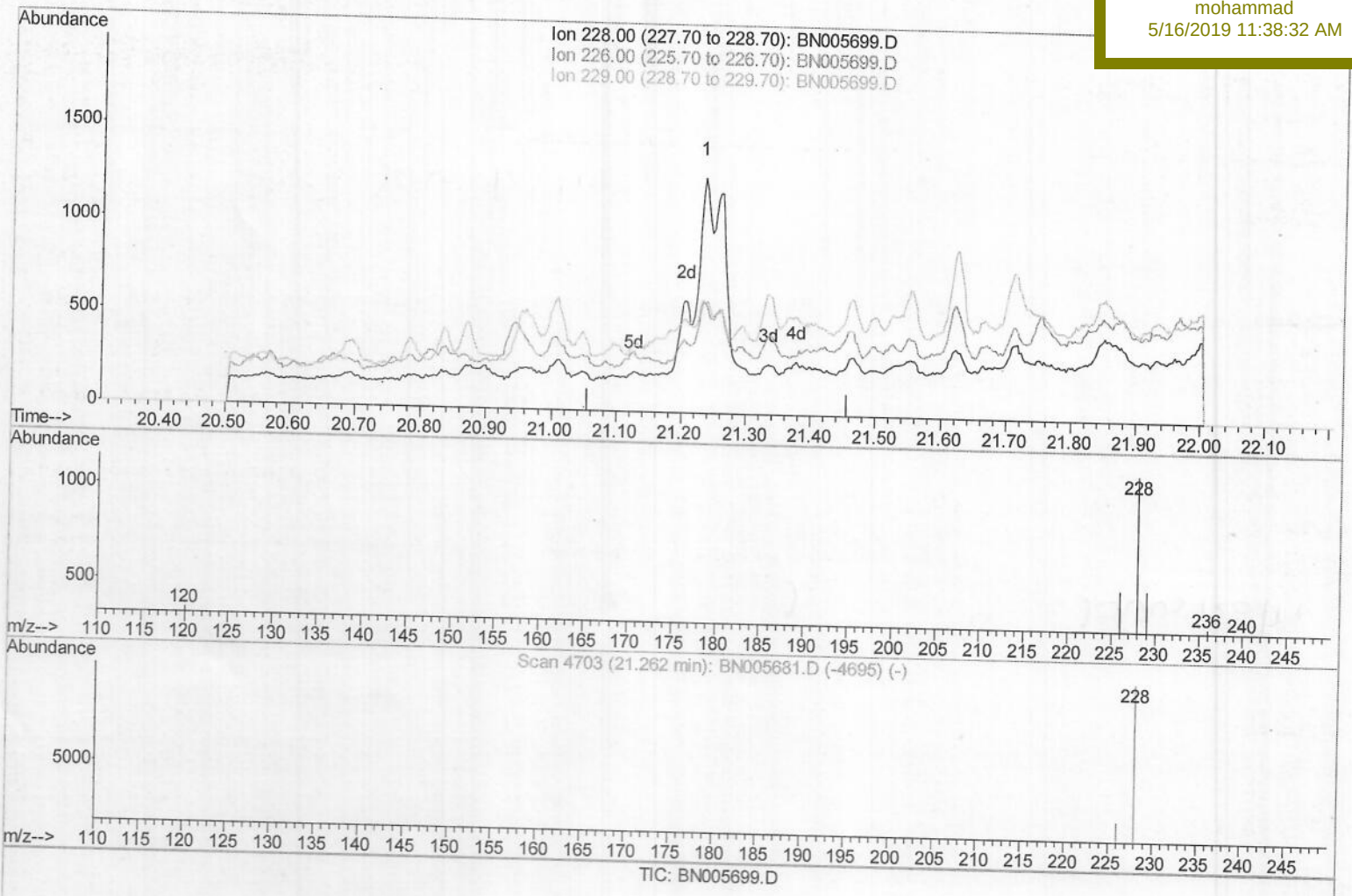
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:15:54 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



(19) Chrysene

21.257min (-21.257) 0.00ng/ul d

response 0

Ion	Exp%	Act%
228.00	100	0.00
226.00	29.00	0.00
229.00	20.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:21:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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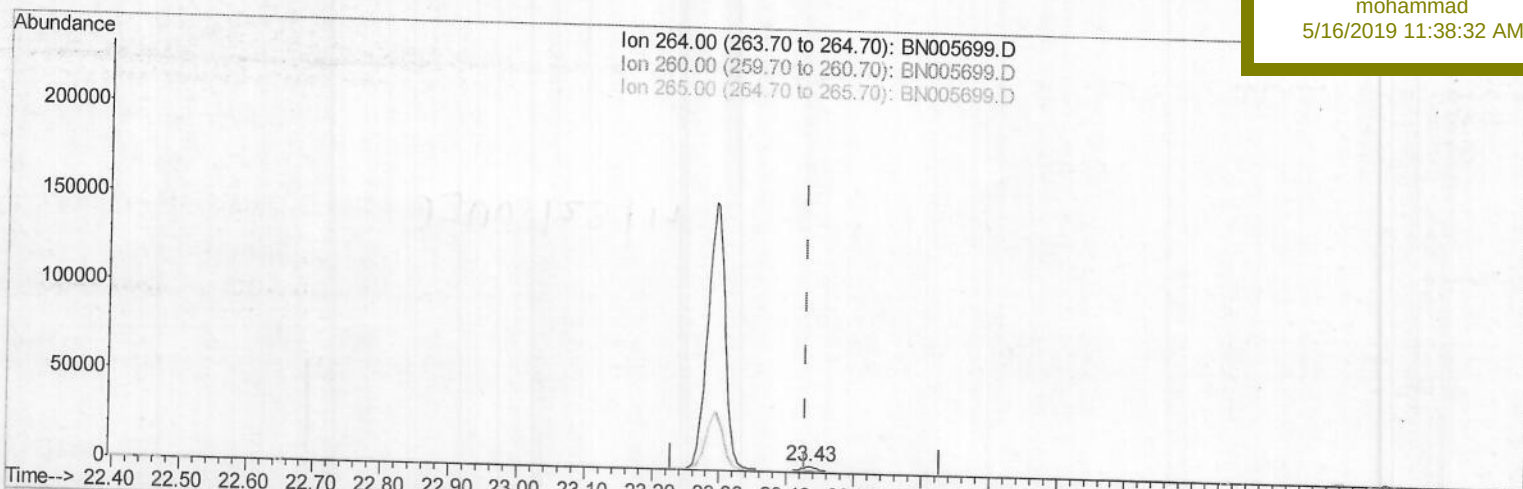
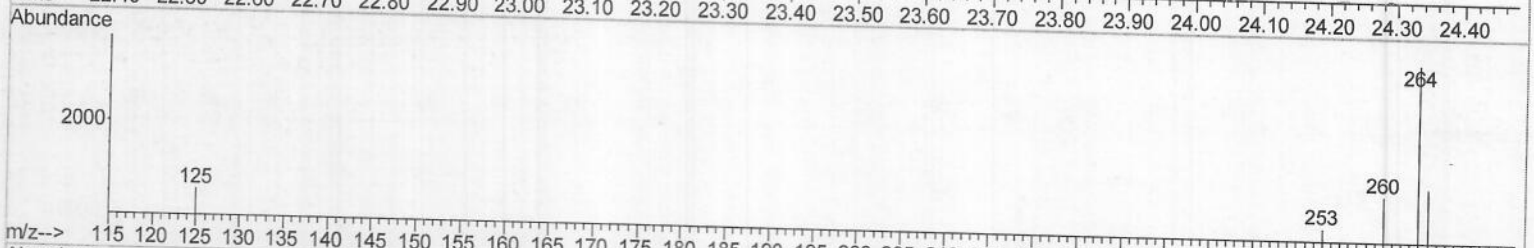
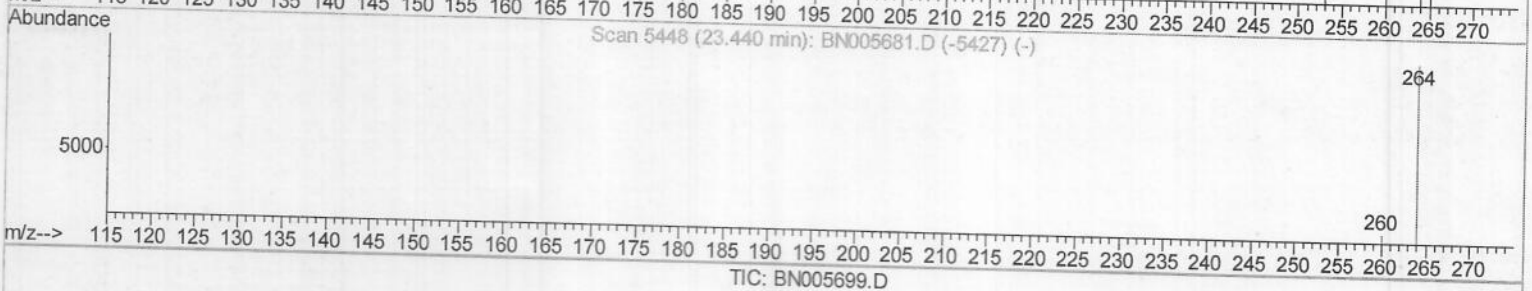
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM







(20) Perylene-d12 (I)

23.433min (+0.004) 0.40ng/ul m SJU 05/22/19

response 5482

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	34.39#
265.00	31.70	38.71#
0.00	0.00	0.00

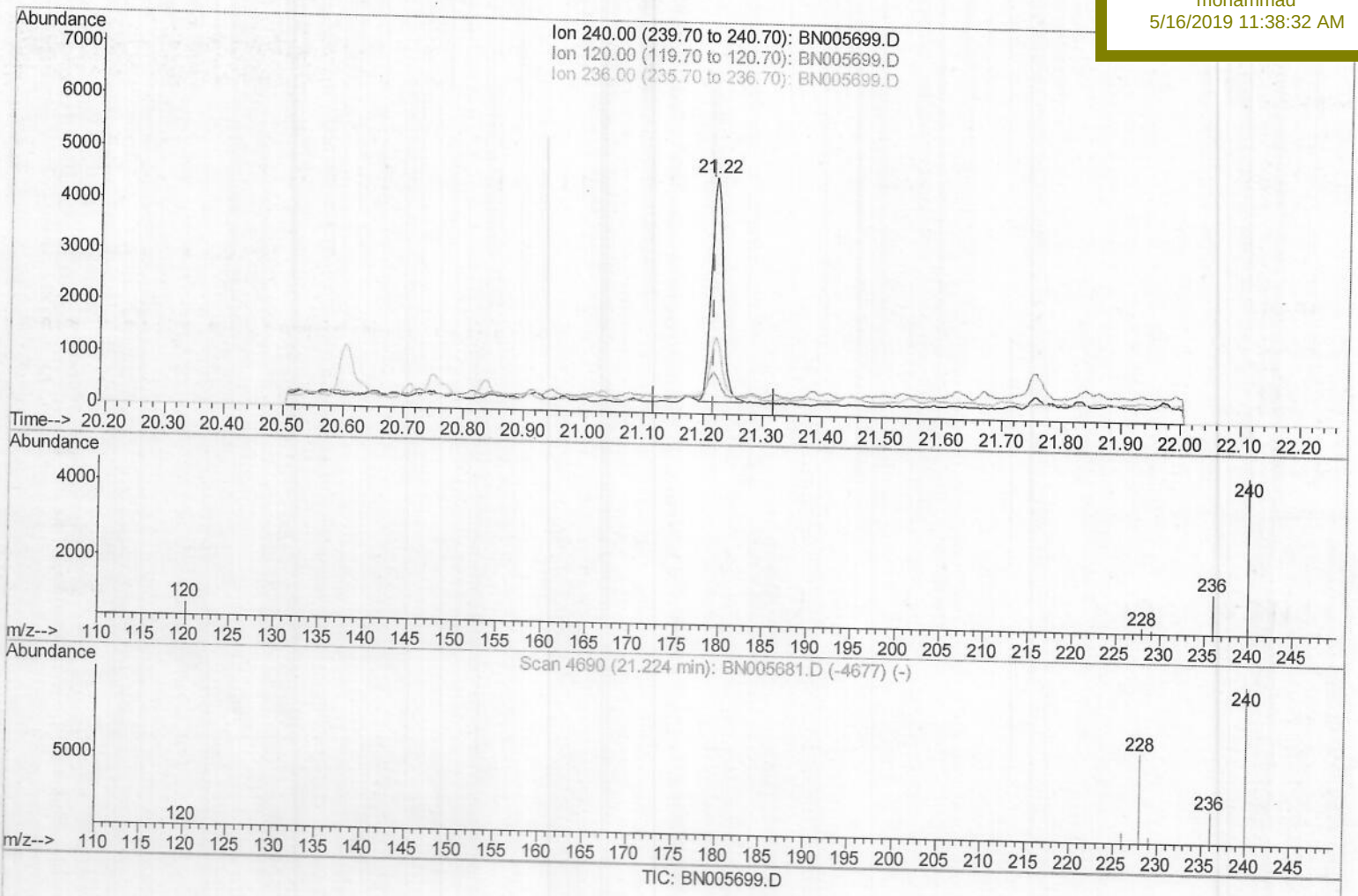
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:13:30 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



(16) Chrysene-d12 (I)

21.220min (+0.001) 0.40ng/ul m JU 05/22/19

response 5920

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	15.95#
236.00	28.00	31.75
0.00	0.00	0.00

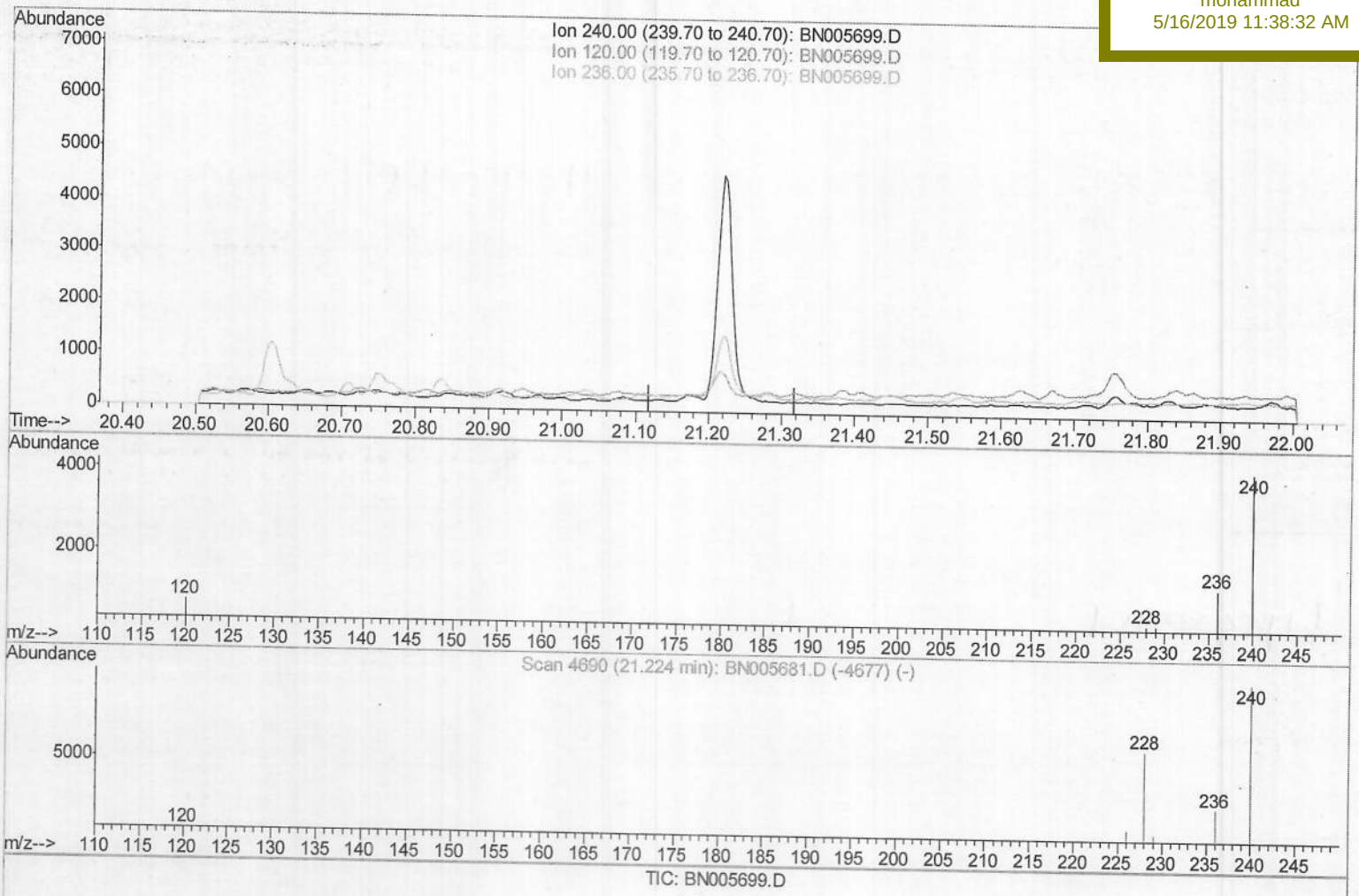
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:13:30 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



TIC: BN005699.D

(16) Chrysene-d12 (I)

21.219min (-21.219) 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

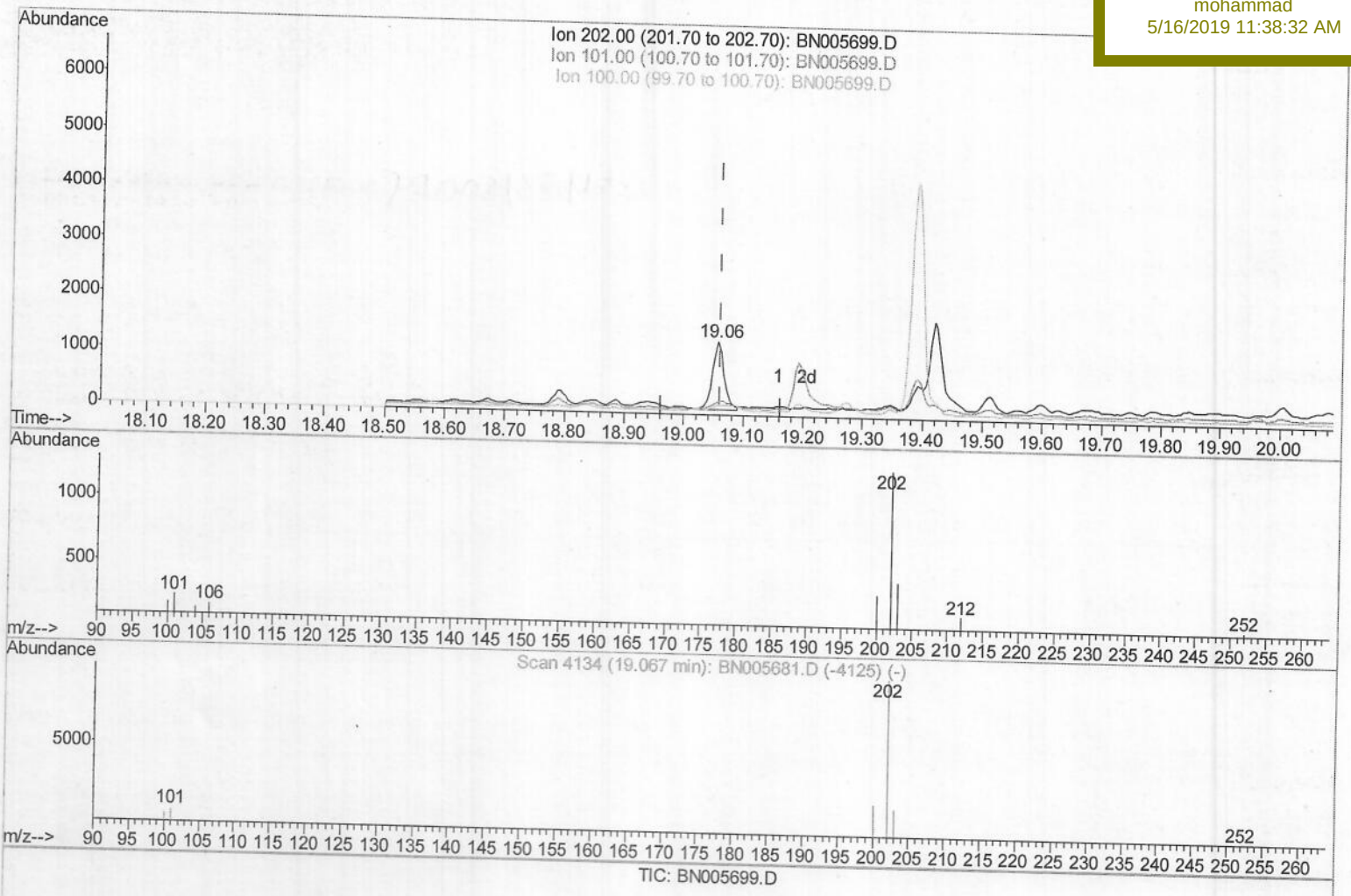
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:13:30 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



TIC: BN005699.D

(15) Fluoranthene (C)

19.057min (-0.005) 0.05ng/ul m JU 05/22/19

response 1640

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	17.23
100.00	7.10	12.65
0.00	0.00	0.00

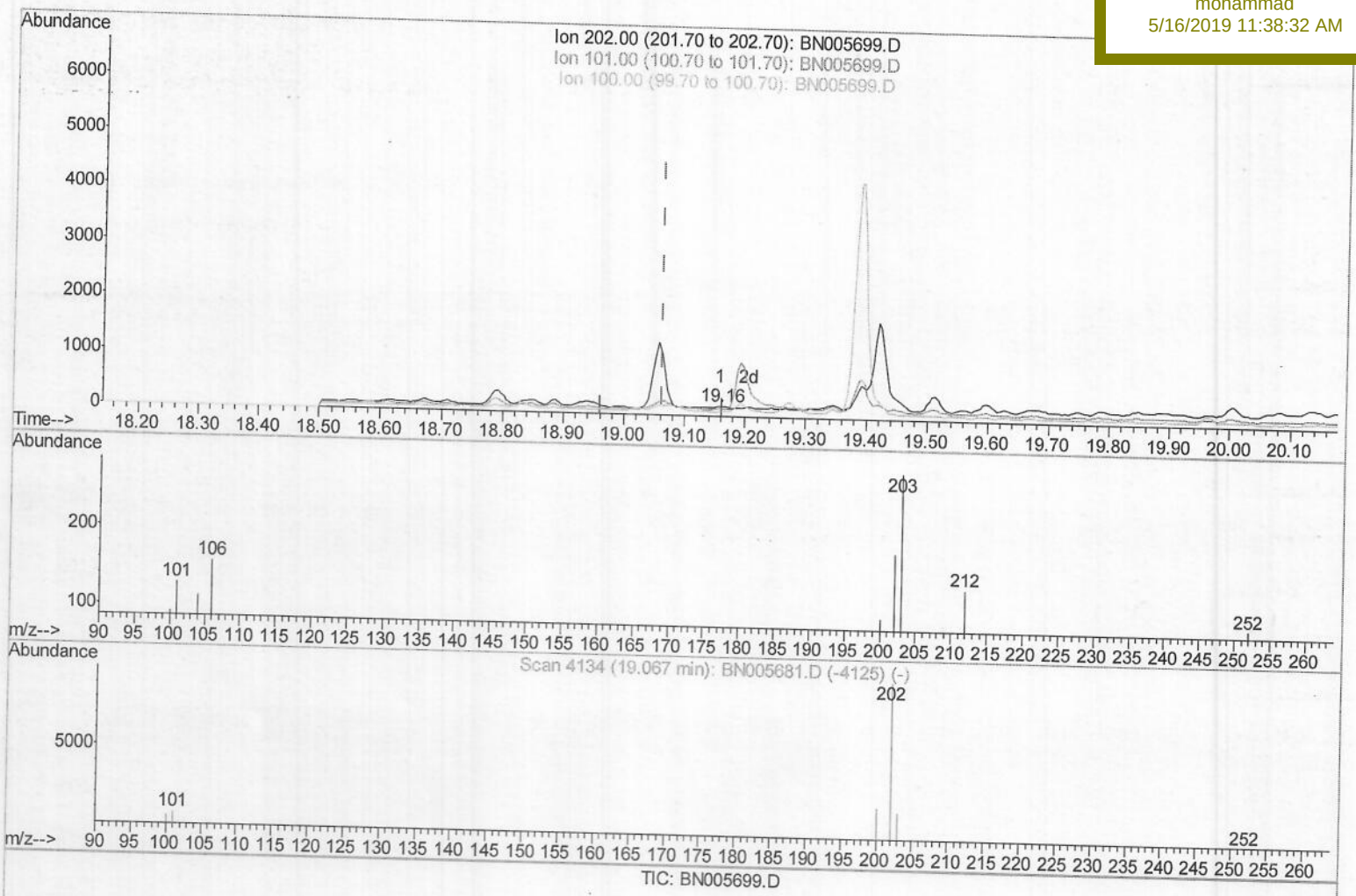
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:13:30 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



TIC: BN005699.D

(15) Fluoranthene (C)

19.160min (+0.097) 0.00ng/ul

response 56

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	70.11#
100.00	7.10	50.00#
0.00	0.00	0.00

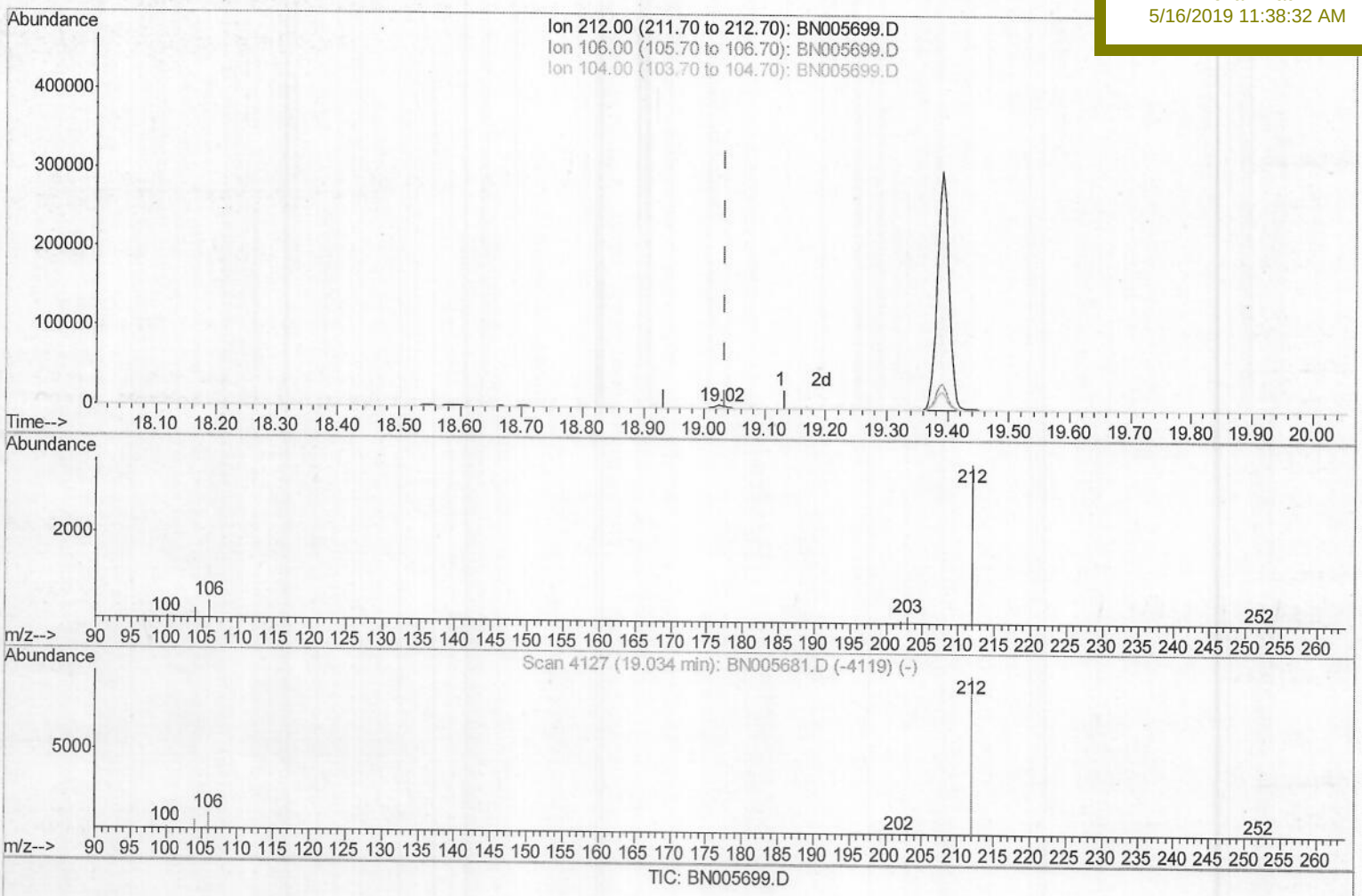
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:13:30 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



TIC: BN005699.D

(14) Fluoranthene-d10 (SURR)

19.025min (-0.010) 0.19ng/ul m JU 05/22/19

response 5264

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	1.54#
0.00	0.00	0.00

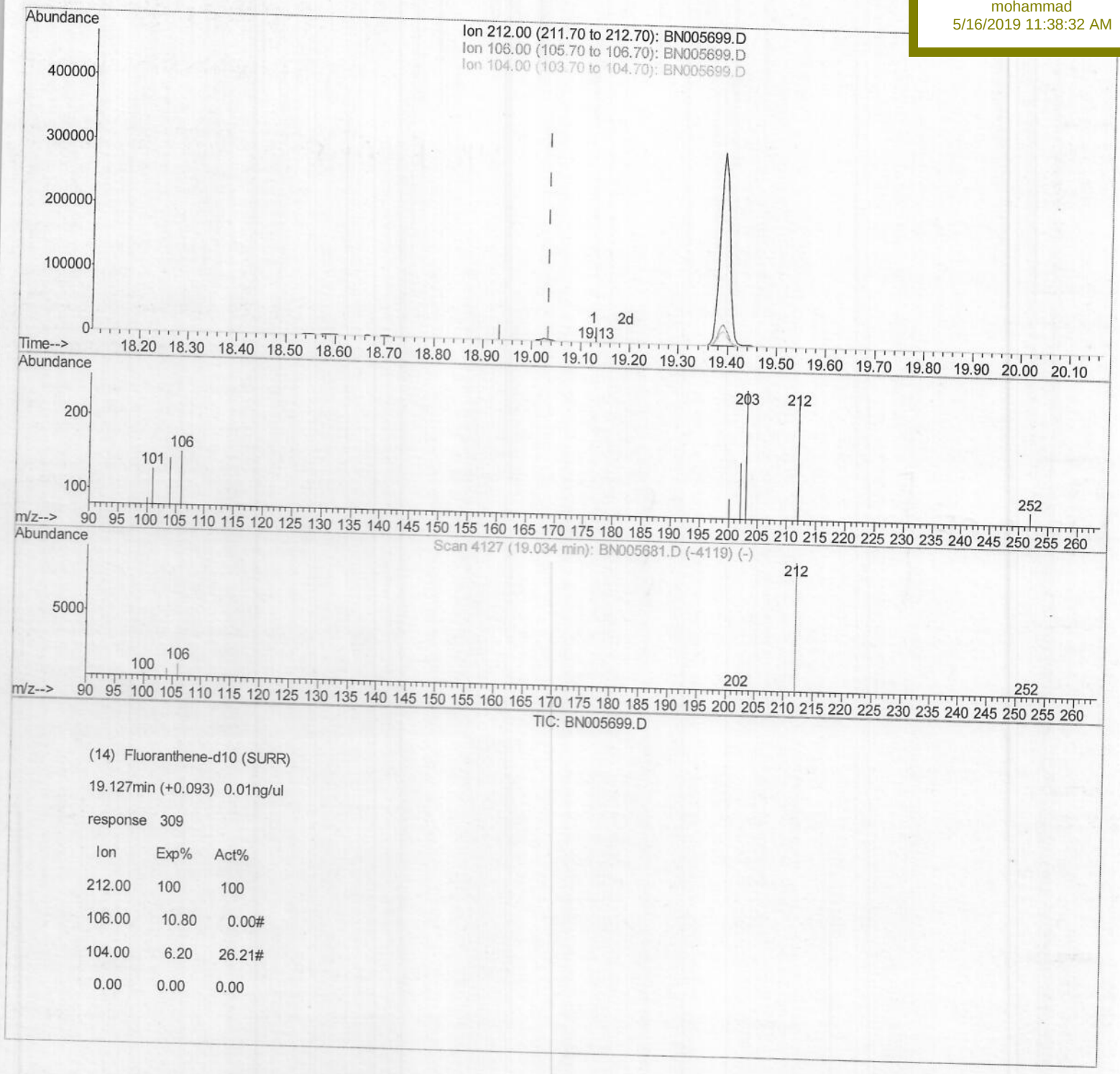
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:13:30 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



(14) Fluoranthene-d10 (SURR)

19.127min (+0.093) 0.01ng/ul

response 309

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	26.21#
0.00	0.00	0.00

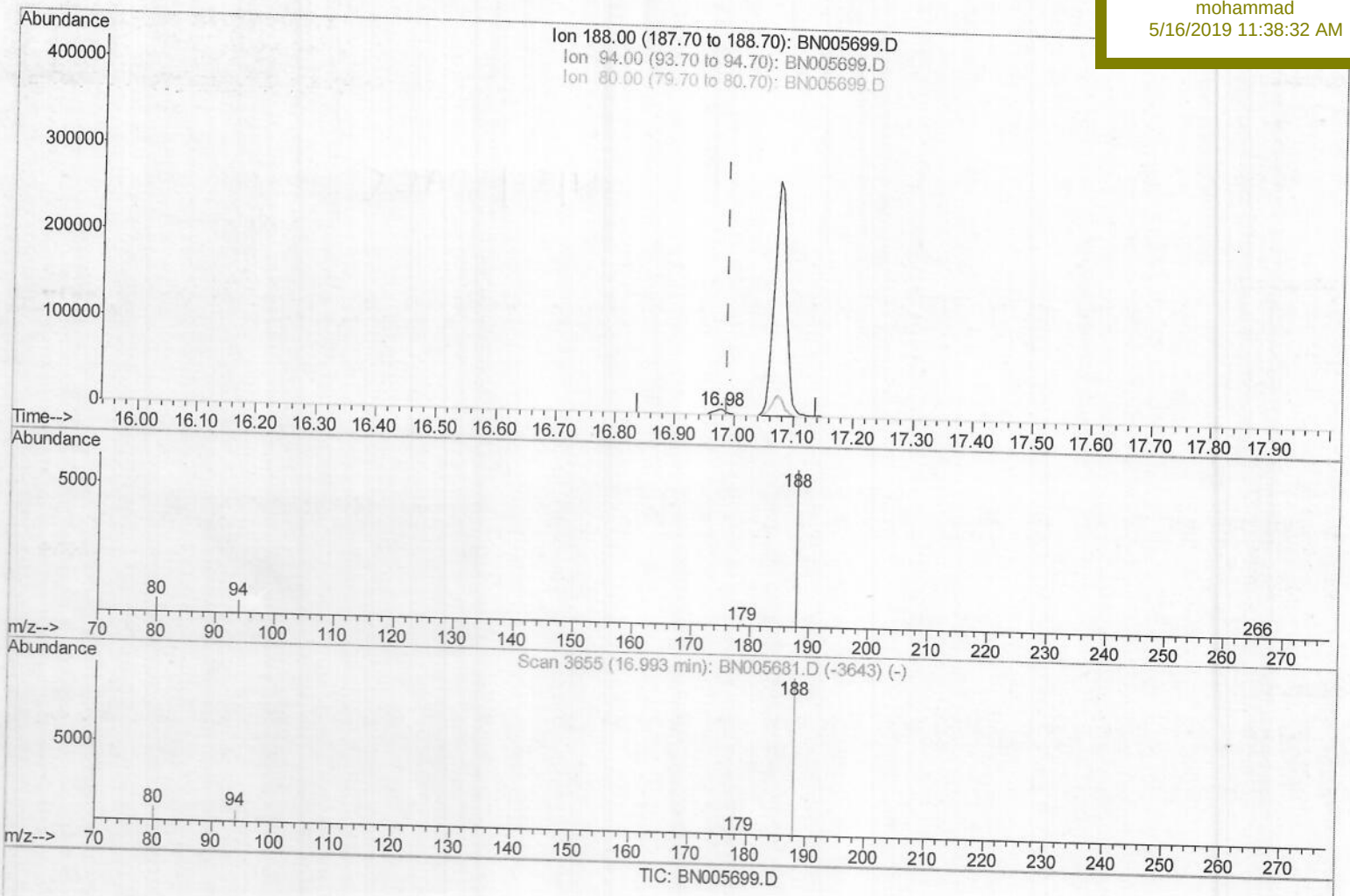
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:11:05 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m SJU05/22/19

response 8649

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.98
80.00	9.80	9.46
0.00	0.00	0.00

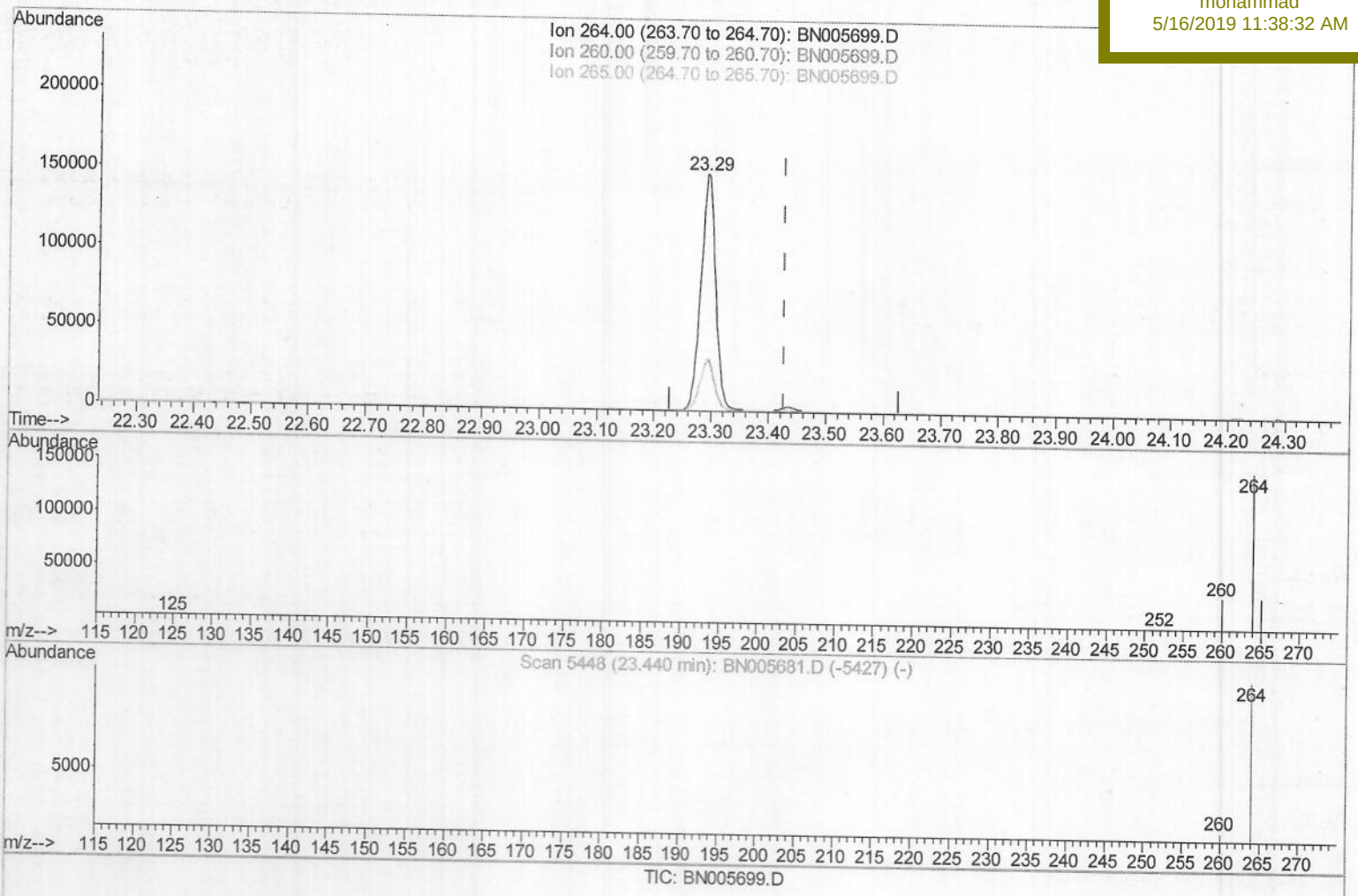
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
Operator : JU/SJ
Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:15:05 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 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



TIC: BN005699.D

(20) Perylene-d12 (I)

23.292min (-0.136) 0.40ng/ul

response 269444

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	21.02
265.00	31.70	21.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
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Sample : K2692-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 15 19:11:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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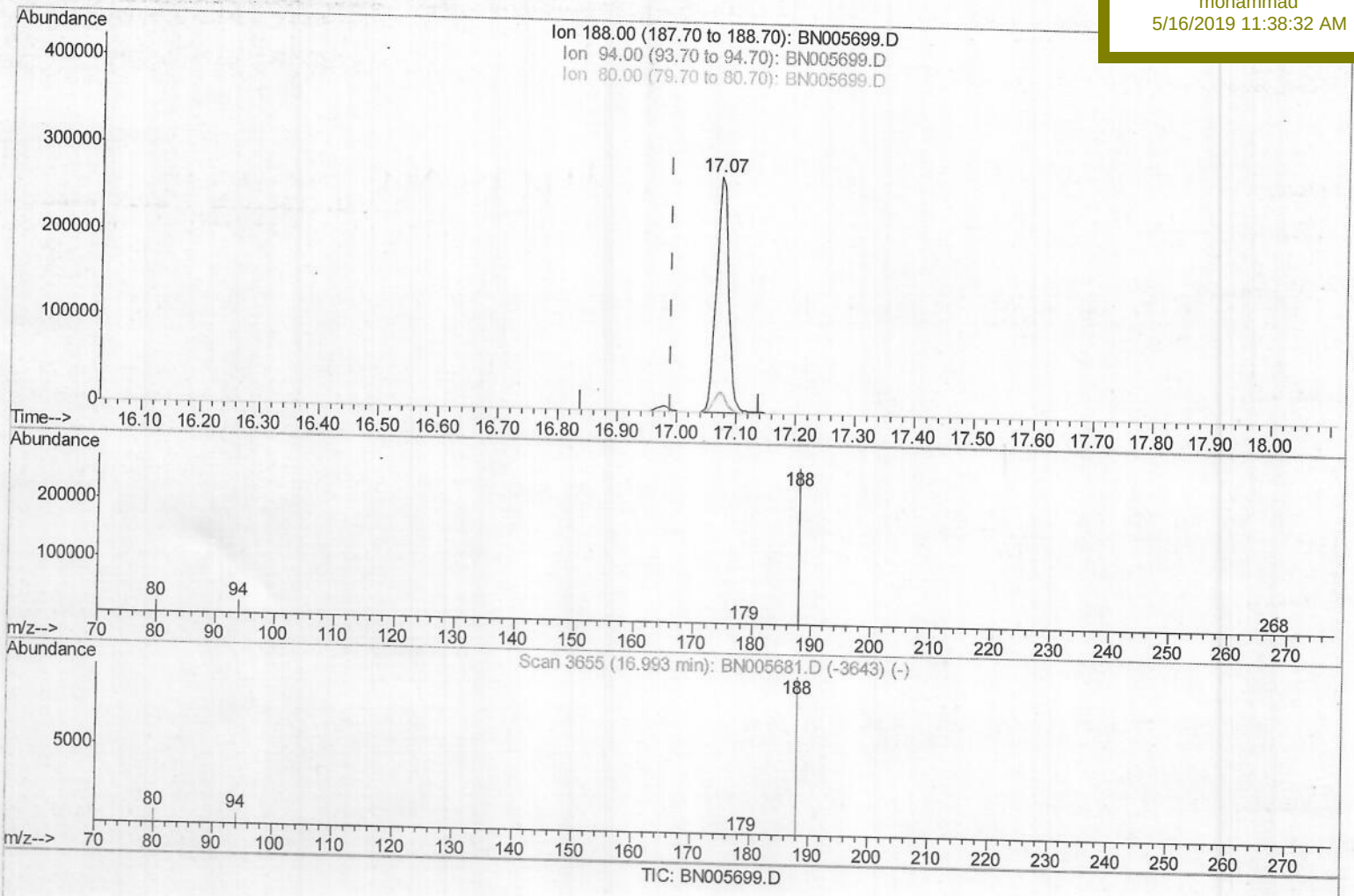
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM



TIC: BN005699.D

(10) Phenanthrene-d10 (I)

17.073min (+0.084) 0.40ng/ul

response 390571

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.60
80.00	9.80	7.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051519\
Data File : BN005699.D
Acq On : 15 May 2019 18:38
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : A5184

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1525	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	6127	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	3722	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	8649m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	5920m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5482m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1945	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	5264m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	628	0.039	ng/ul#	73
5) 2-Methylnaphthalene	12.02	142	2720	0.246	ng/ul	99
12) Phenanthrene	17.02	178	3630	0.154	ng/ul	94
15) Fluoranthene	19.06	202	1640m	0.050	ng/ul	
17) Pyrene	19.42	202	2383	0.109	ng/ul#	79
19) Chrysene	21.26	228	1246m	0.050	ng/ul	

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