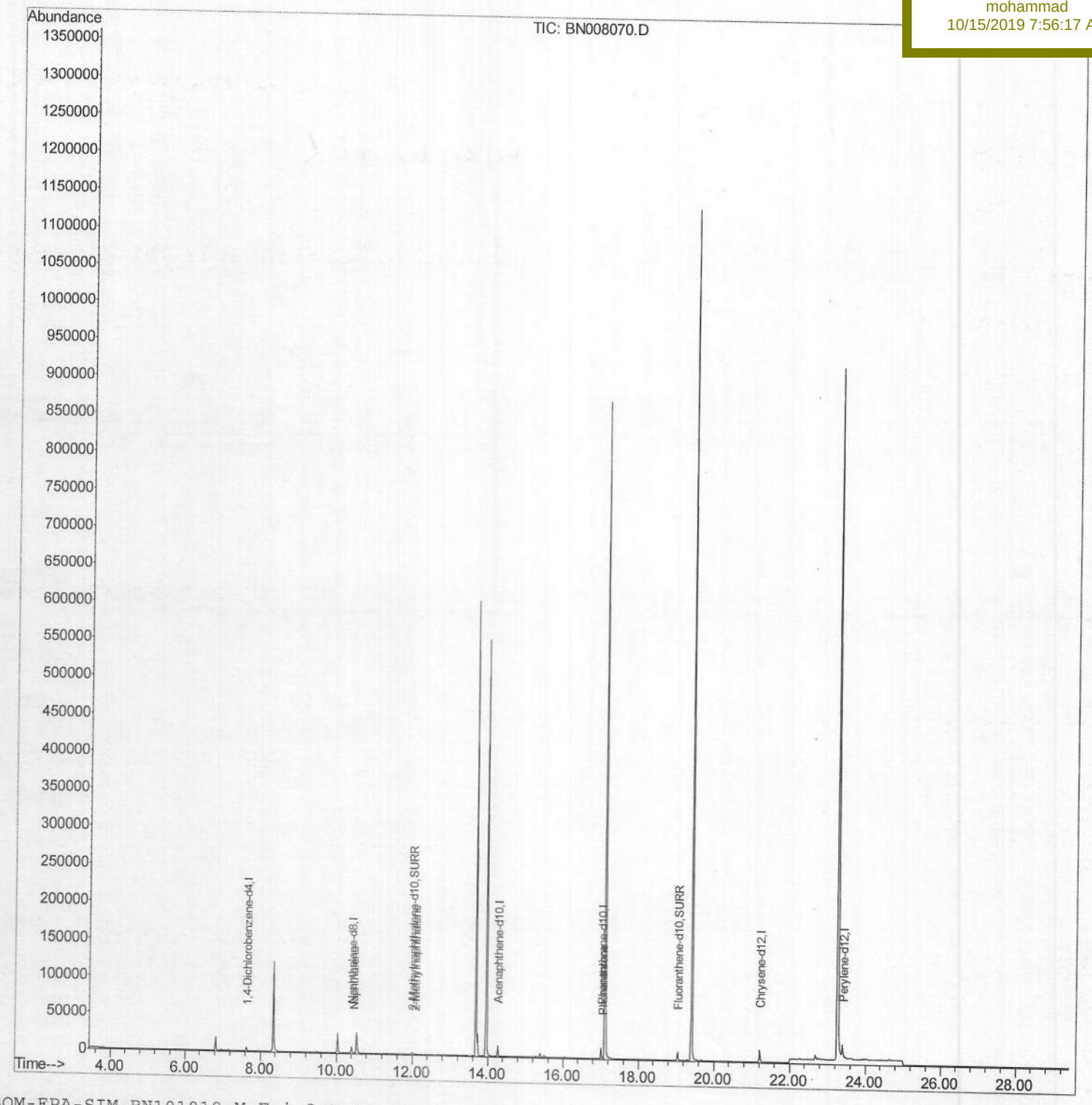
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:13:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



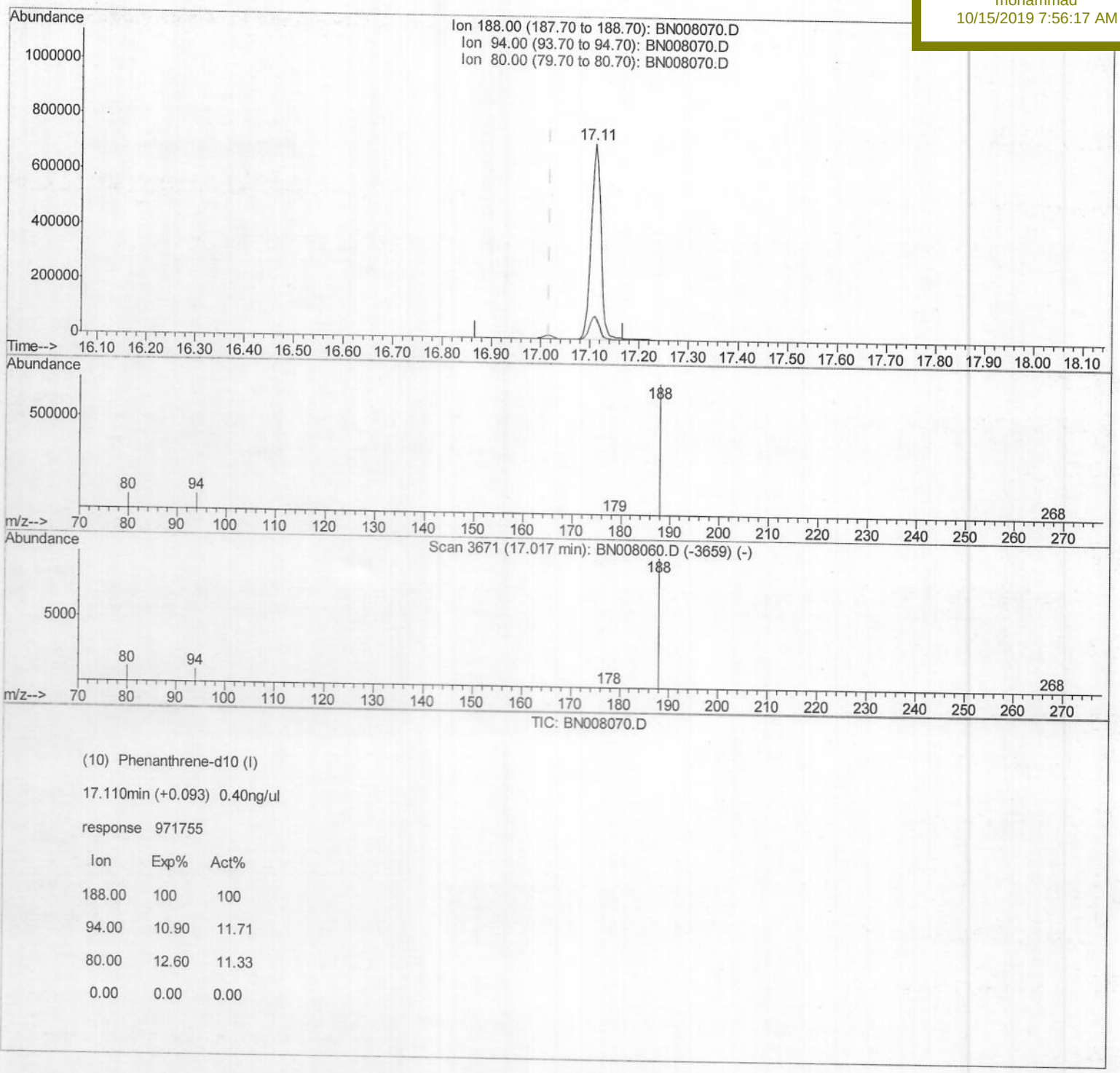
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:11:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



TIC: BN008070.D

(10) Phenanthrene-d10 (I)

17.110min (+0.093) 0.40ng/ul

response 971755

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.71
80.00	12.60	11.33
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 11 Oct 2019 10:45
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Misc :
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BNA_N
ClientSampleId :
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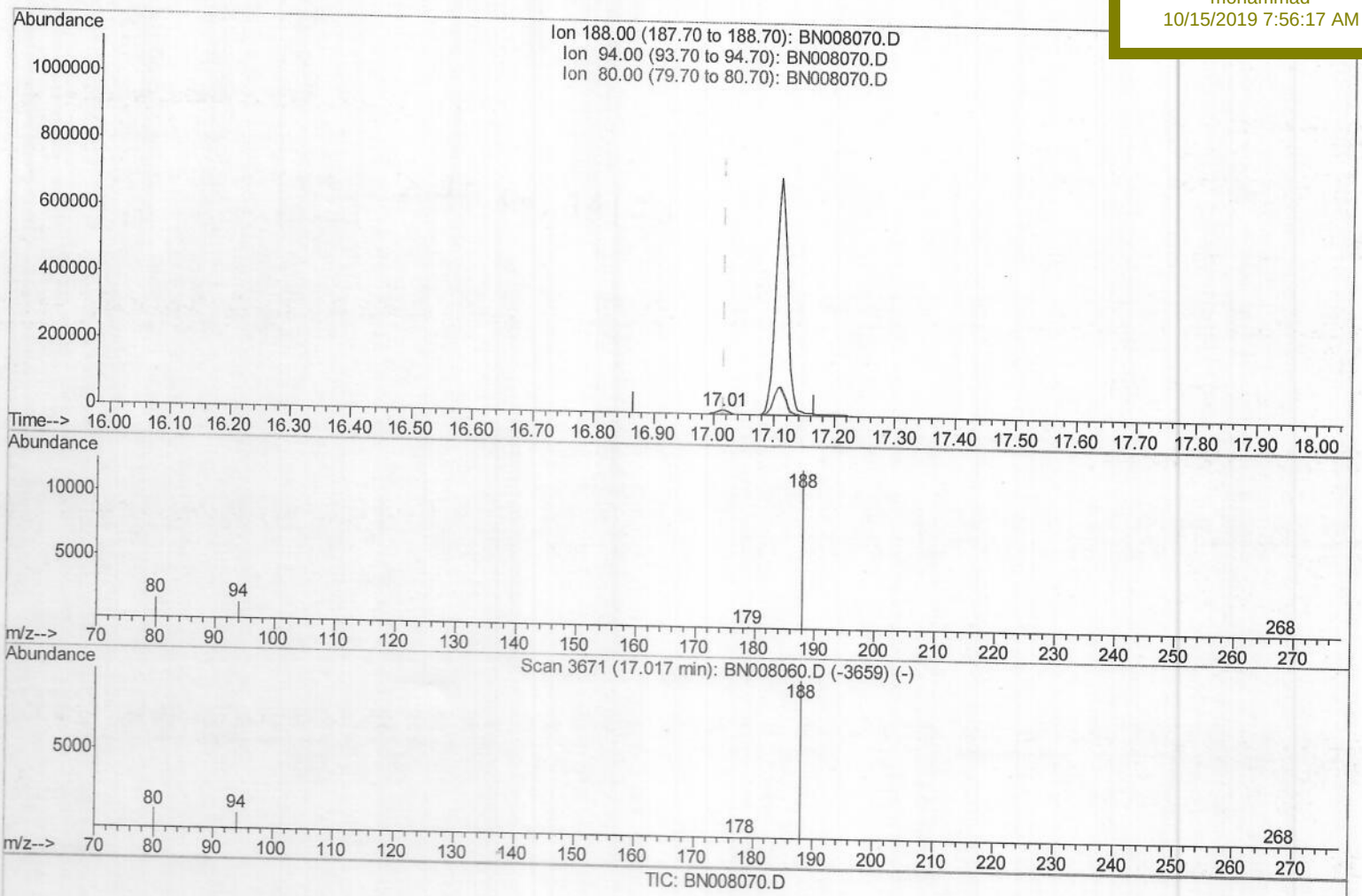
Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



(10) Phenanthrene-d10 (I)

17.013min (-0.004) 0.40ng/ul m JV 10/25/19

response 17873

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	10.85
80.00	12.60	12.90
0.00	0.00	0.00

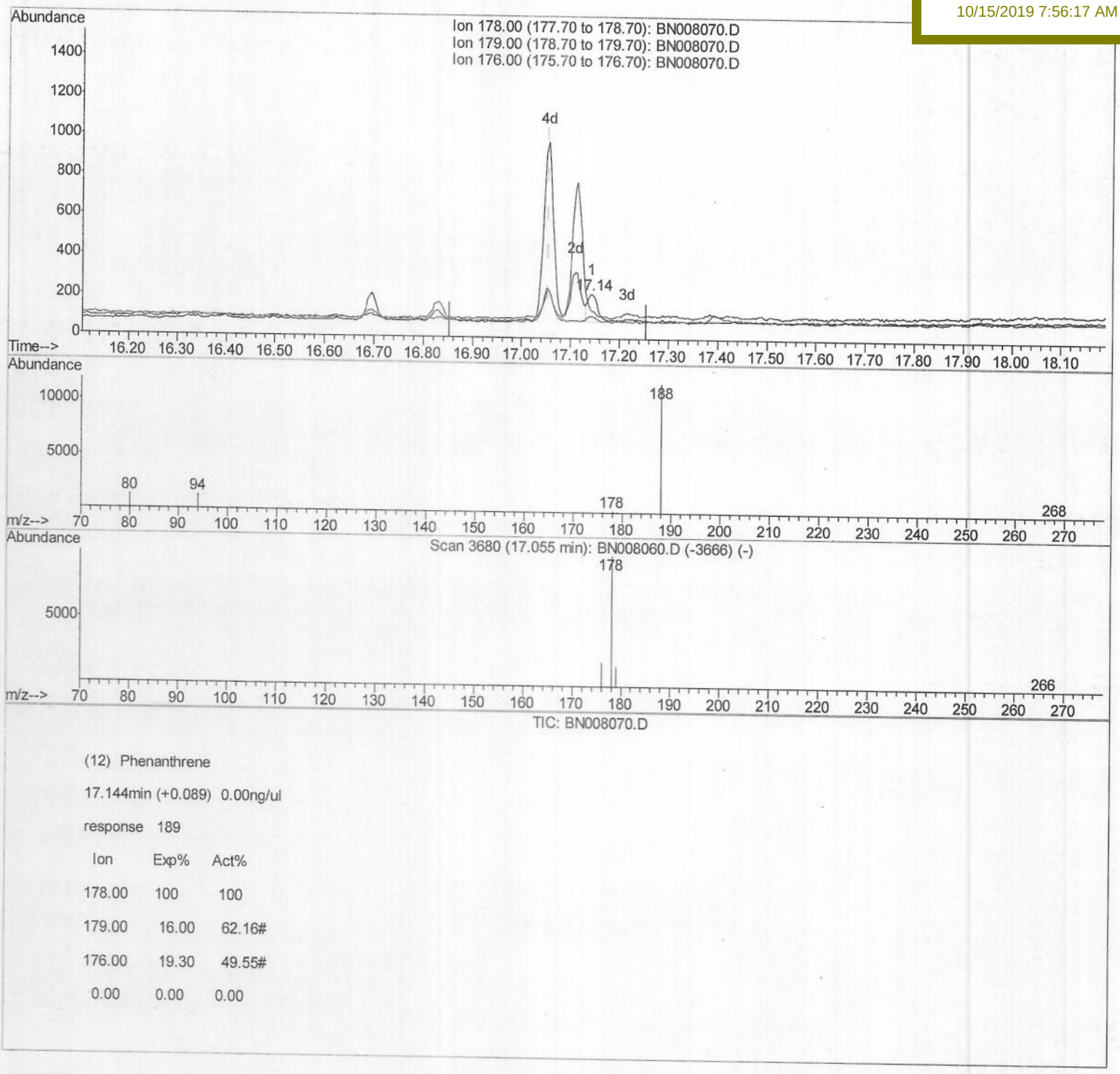
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



TIC: BN008070.D

(12) Phenanthrene

17.144min (+0.089) 0.00ng/ul

response 189

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	62.16#
176.00	19.30	49.55#
0.00	0.00	0.00

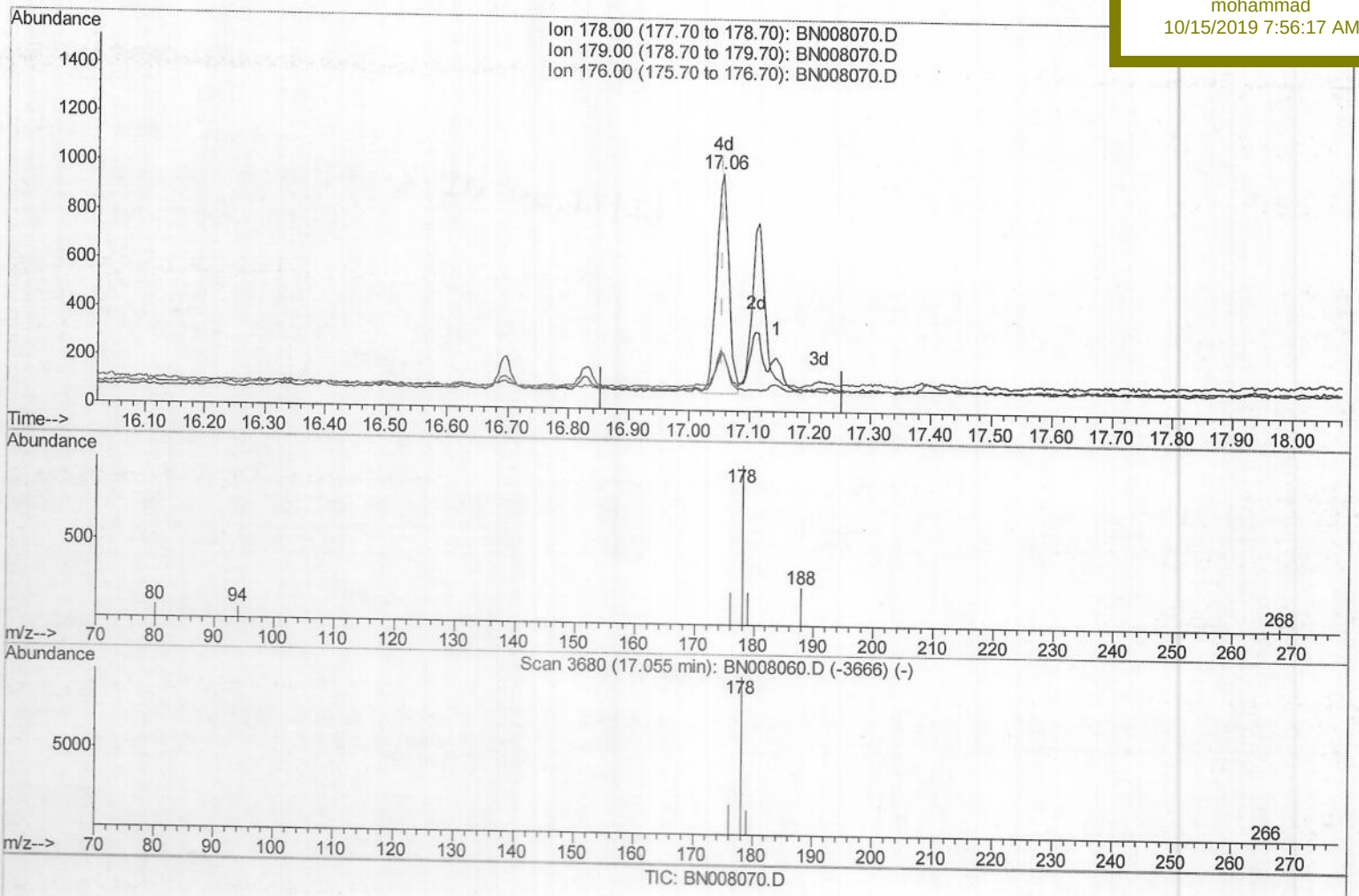
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



TIC: BN008070.D

(12) Phenanthrene

17.055min (+0.000) 0.02ng/ul m JU 10/15/19

response 1285

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	24.46#
176.00	19.30	24.56#
0.00	0.00	0.00

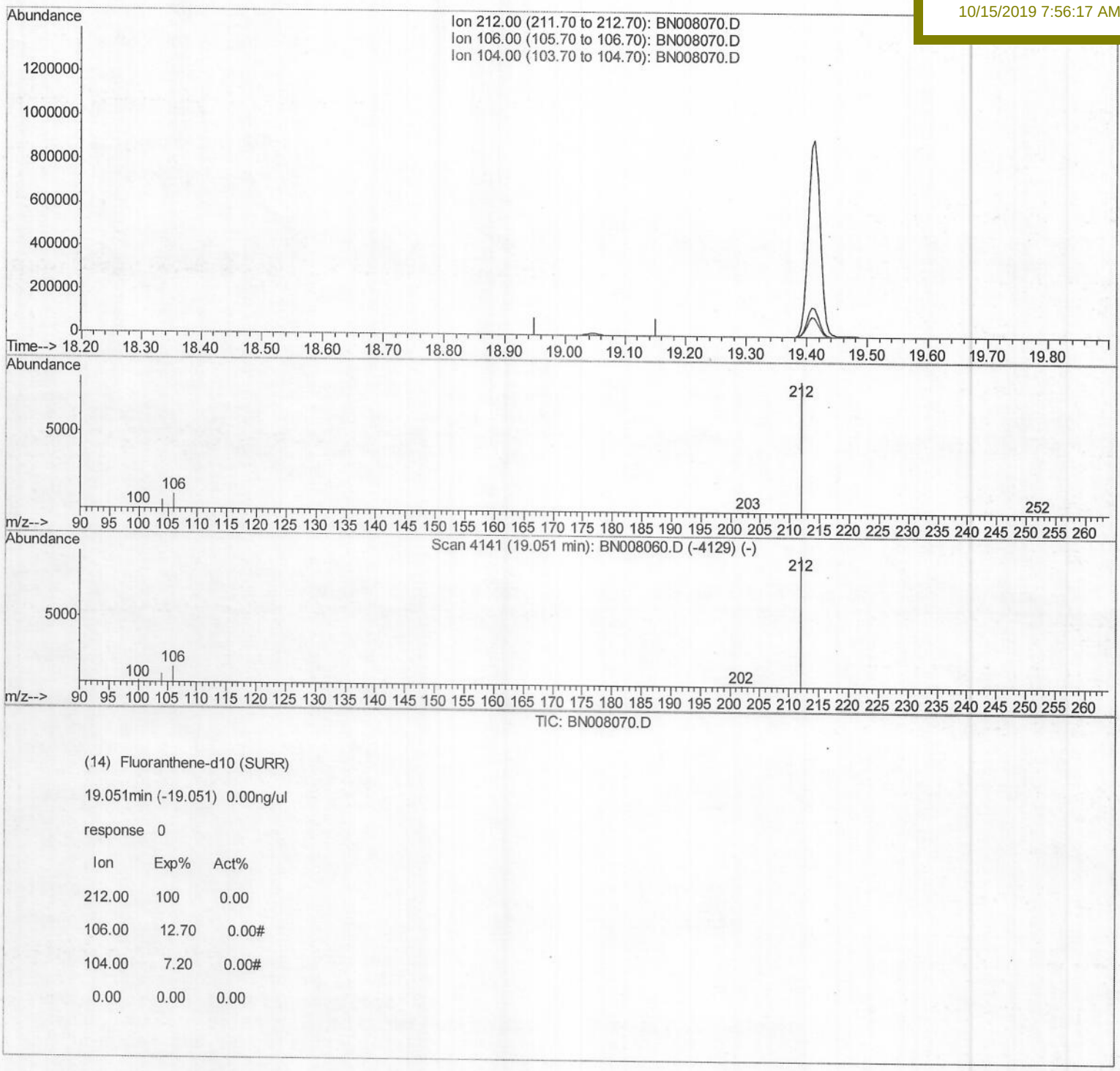
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



(14) Fluoranthene-d10 (SURR)

19.051min (-19.051) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

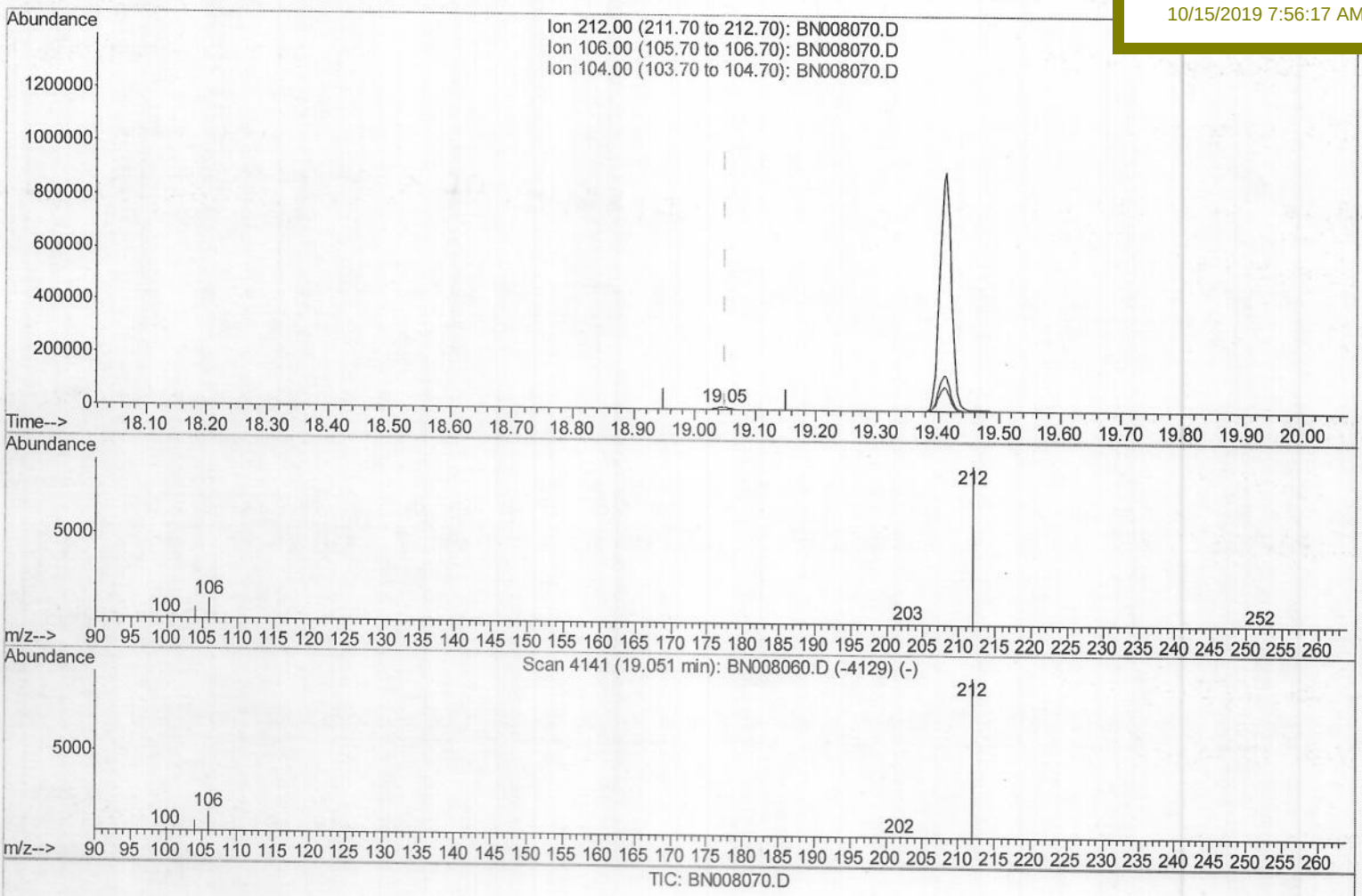
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



(14) Fluoranthene-d10 (SURR)

19.046min (-0.005) 0.21ng/ul m JU 10/15/19

response 12893

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

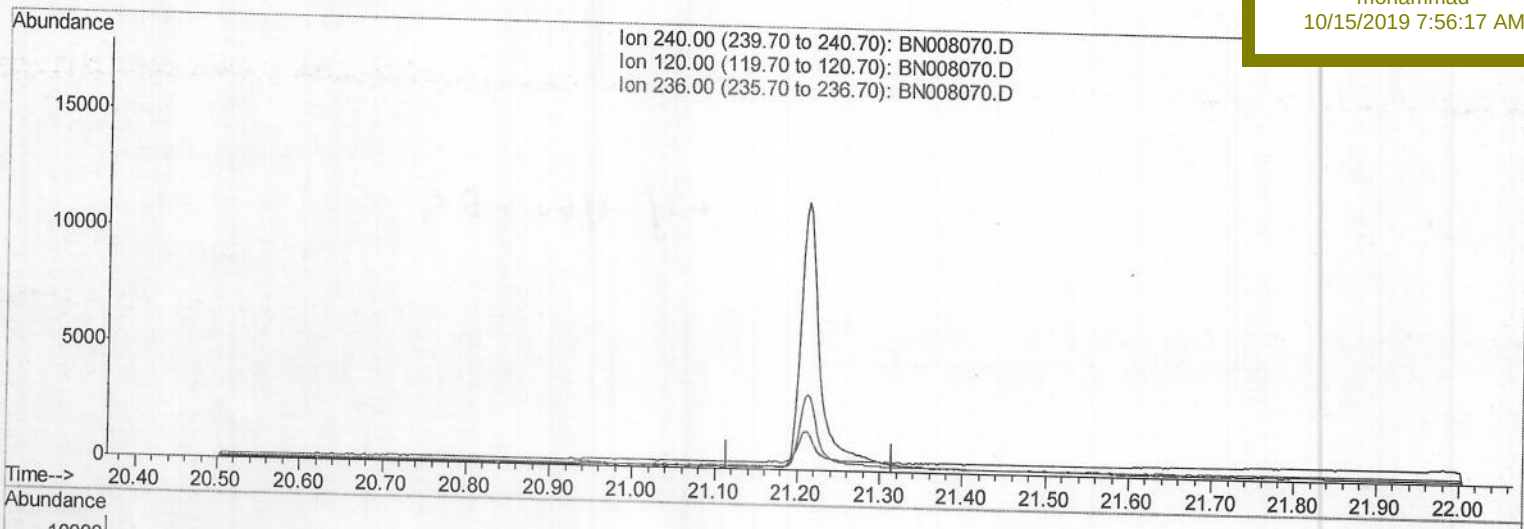
Quantitation Report (Qedit)

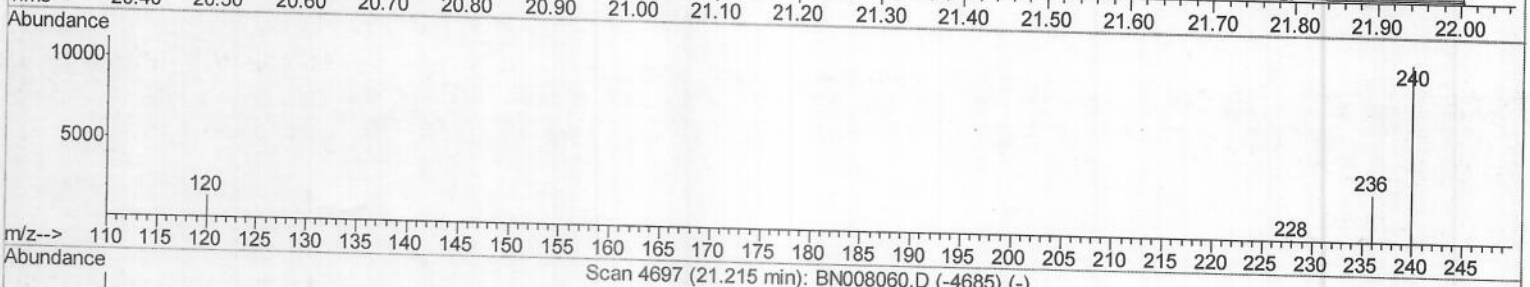
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

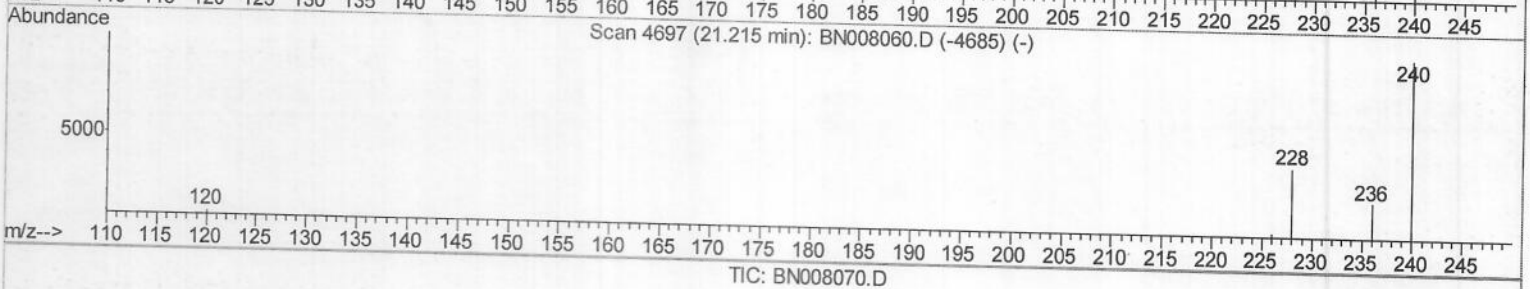
Quant Time: Oct 11 19:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM







(16) Chrysene-d12 (I)

21.215min (-21.215) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.70	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

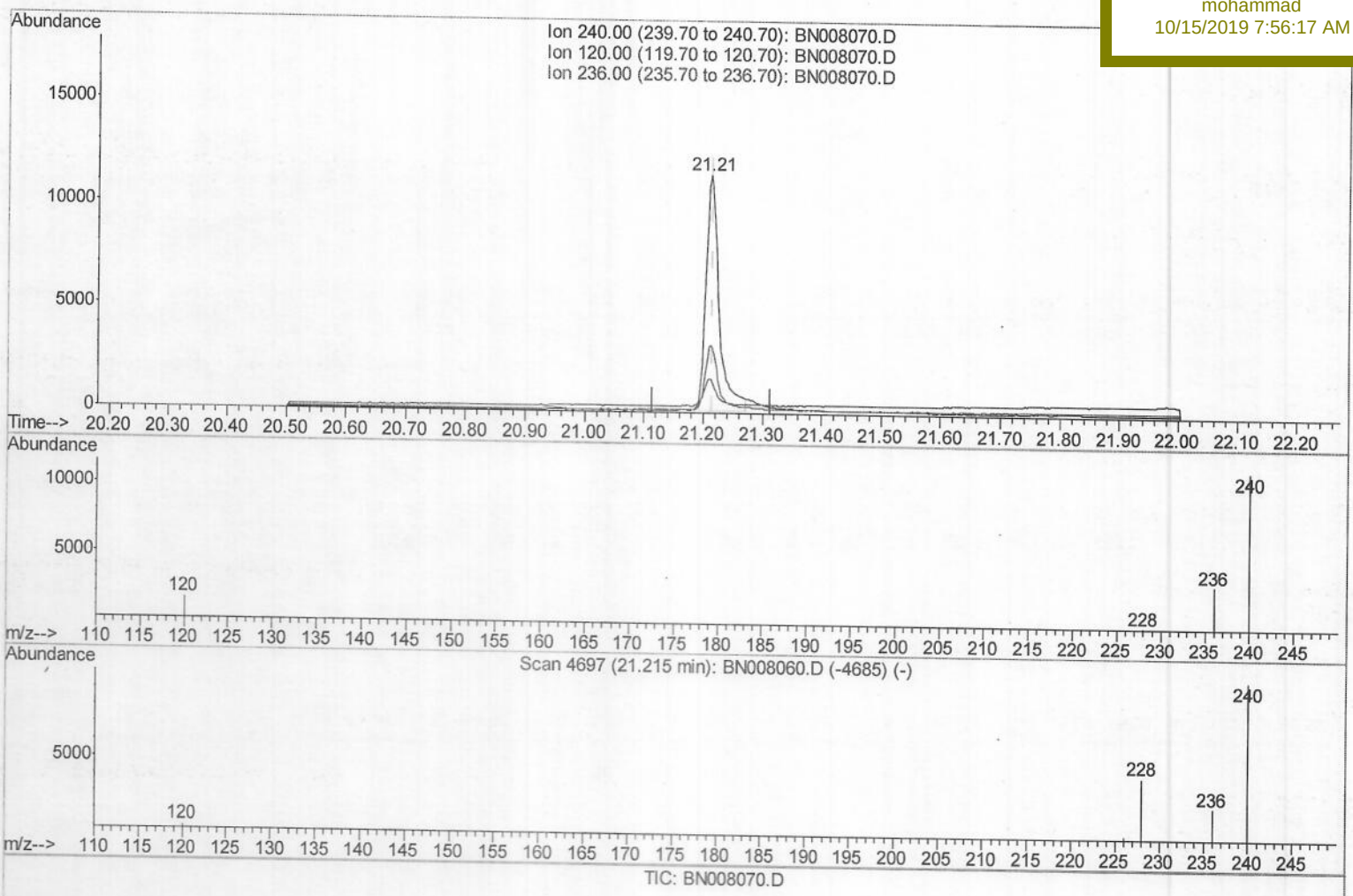
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB6

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:17 AM



(16) Chrysene-d12 (I)

21.212min (-0.003) 0.40ng/ul m & JU 10/15/19

response 17747

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.04
236.00	28.40	27.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008070.D
Acq On : 11 Oct 2019 10:45
Operator : JU
Sample : K5050-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 19:13:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 11 19:05:27 2019
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Instrument : BNA_N
ClientSampleId : JLMB6

Manual Integrations APPROVED
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10/15/2019 7:56:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2665	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	12191	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7925	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	17873m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17747m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	23559	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4171	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	12893m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	882	0.025	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	866	0.036	ng/ul	97
12) Phenanthrene	17.06	178	1285m	0.025	ng/ul	

JU 10/15/19

JU 10/15/19

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