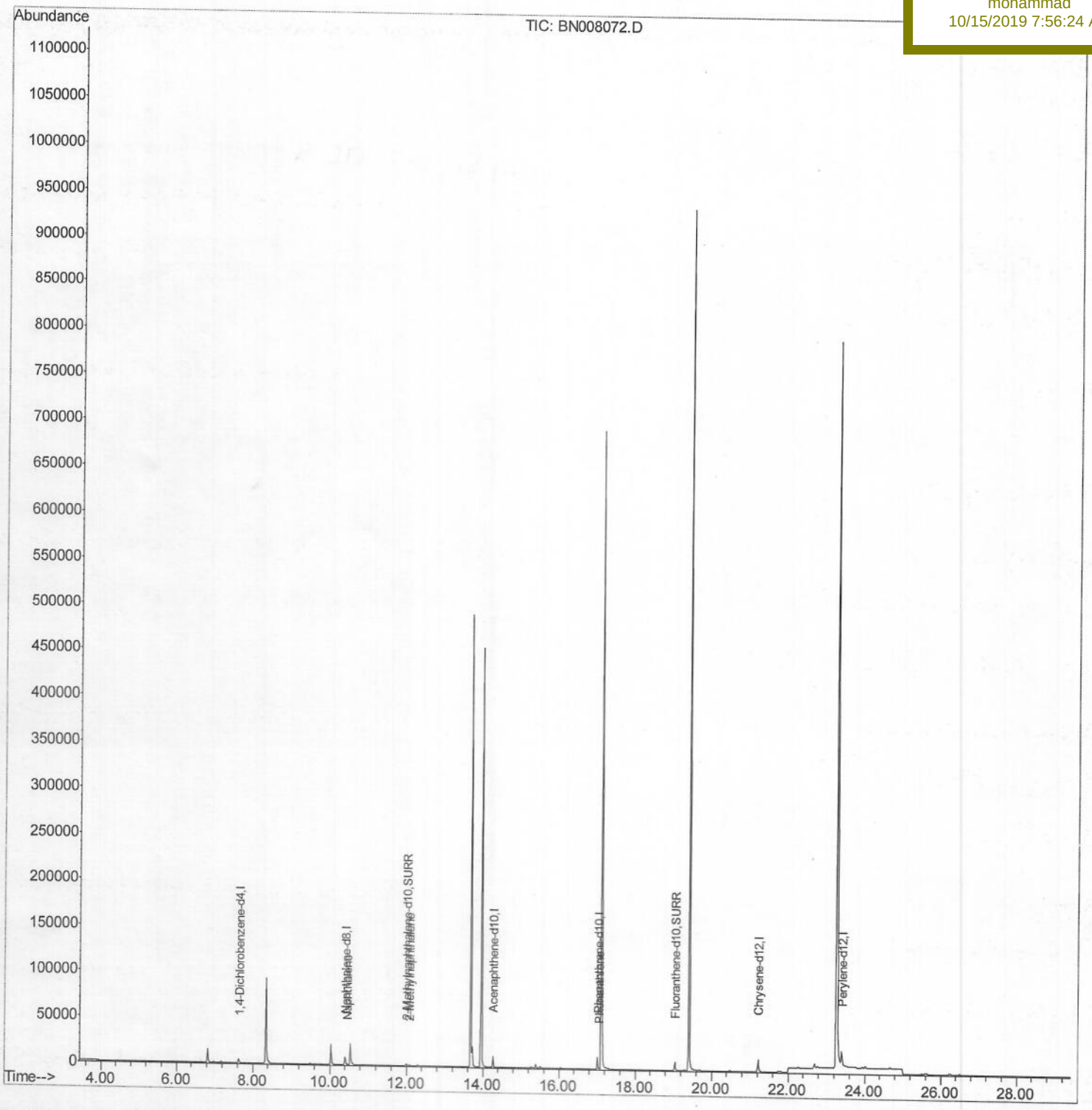
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:18:04 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:24 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:13 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
mohammad
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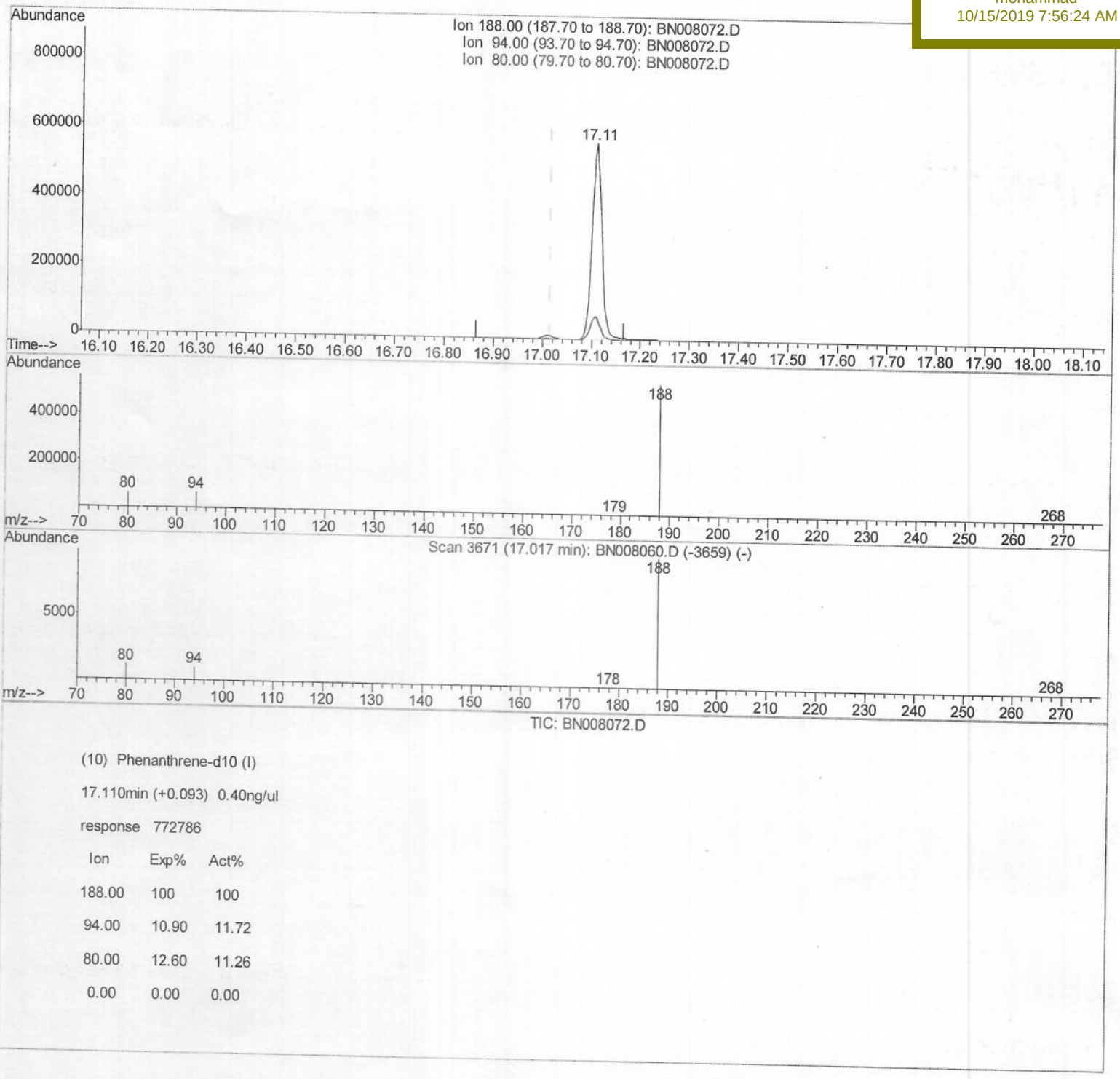

(10) Phenanthrene-d10 (I)

17.110min (+0.093) 0.40ng/ul

response 772786

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.72
80.00	12.60	11.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:13 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
mohammad
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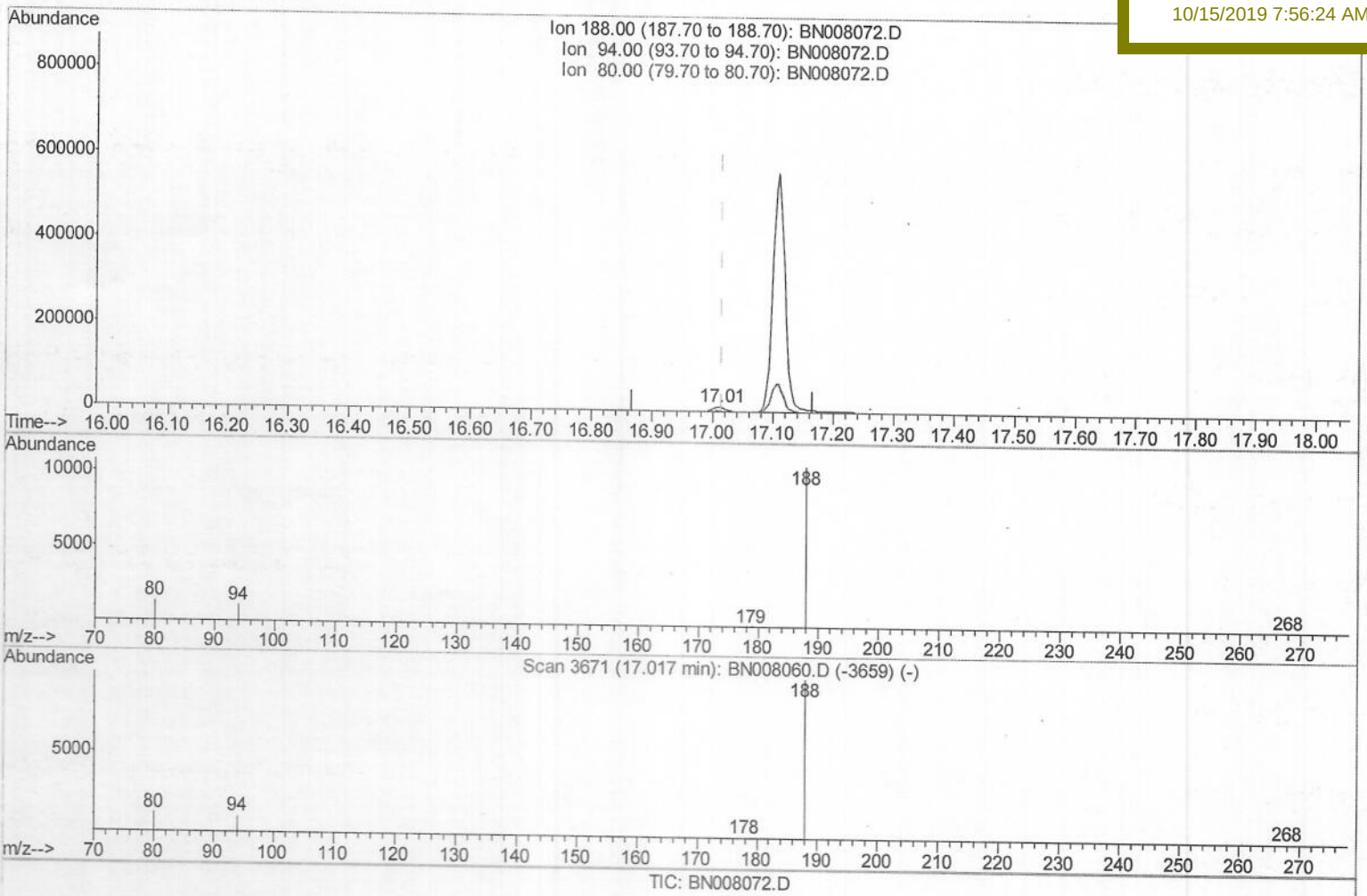


TIC: BN008072.D

(10) Phenanthrene-d10 (I)

17.013min (-0.004) 0.40ng/ul m JU 10/15/19

response 15530

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	10.69
80.00	12.60	12.78
0.00	0.00	0.00

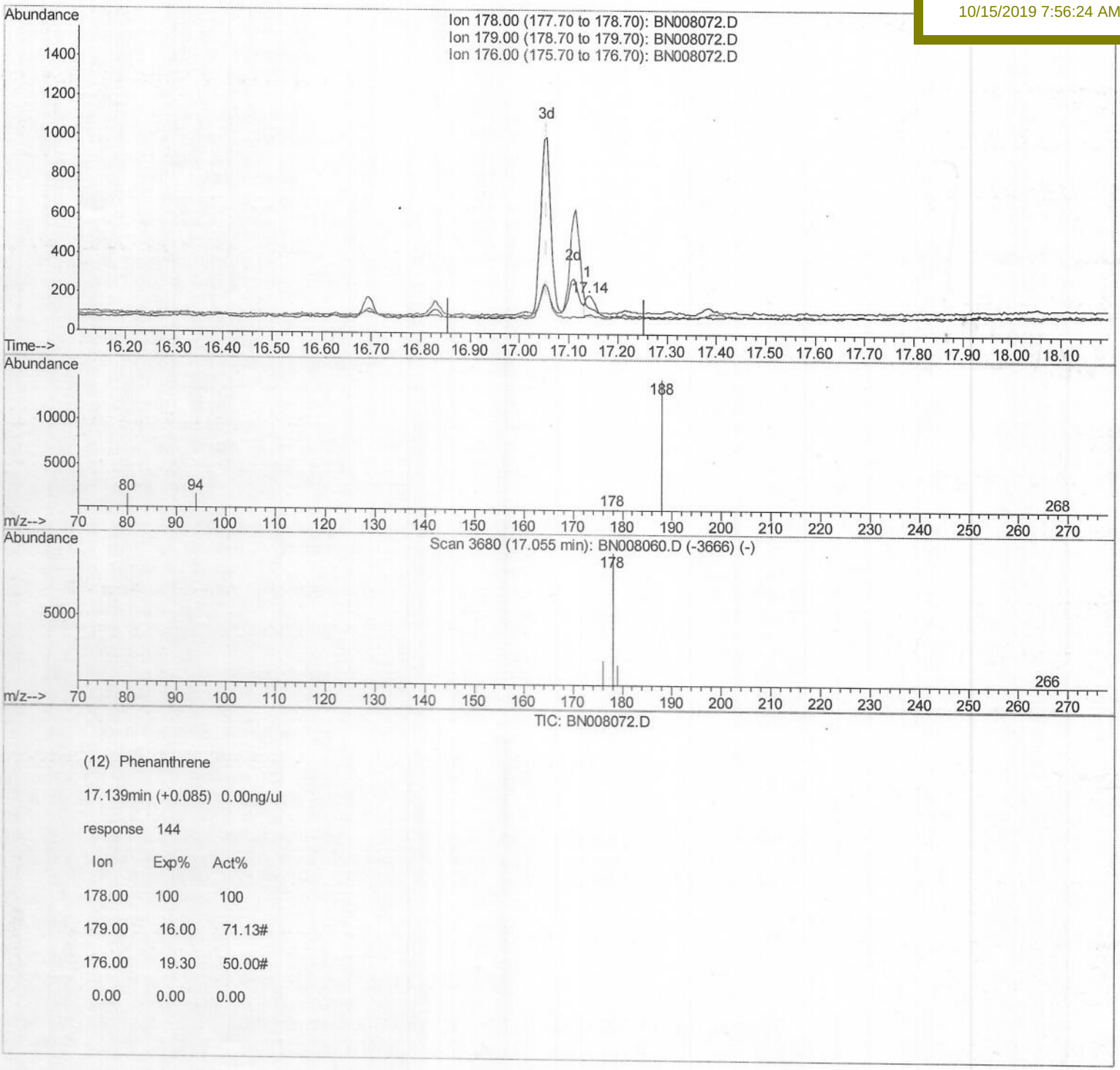
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:43 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:24 AM



TIC: BN008072.D

(12) Phenanthrene

17.139min (+0.085) 0.00ng/ul

response 144

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	71.13#
176.00	19.30	50.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:43 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
mohammad
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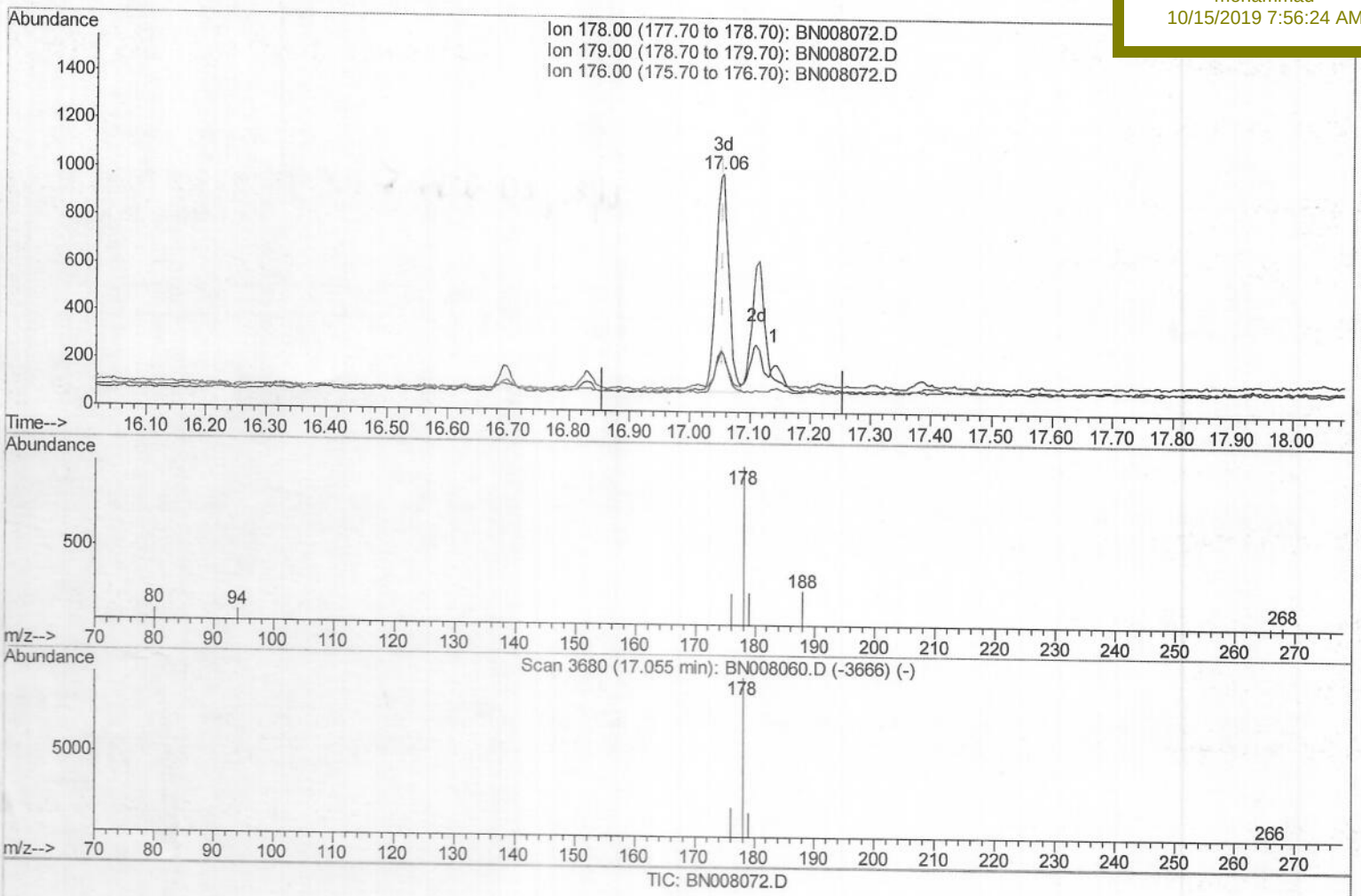


TIC: BN008072.D

(12) Phenanthrene

17.055min (+0.000) 0.03ng/ul m & JU 10/15/19

response 1364

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	24.27#
176.00	19.30	23.97#
0.00	0.00	0.00

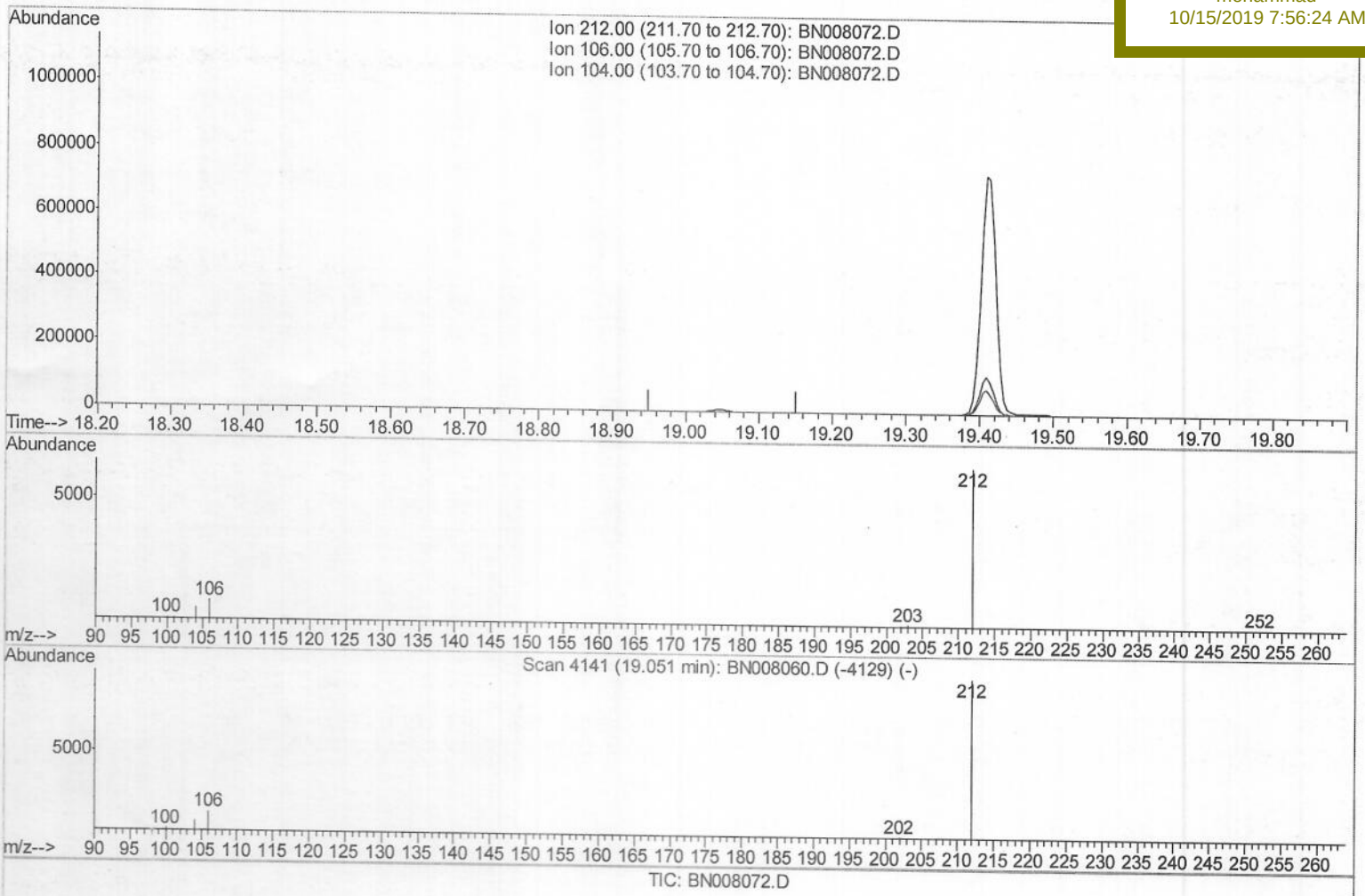
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:43 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:24 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 : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:43 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
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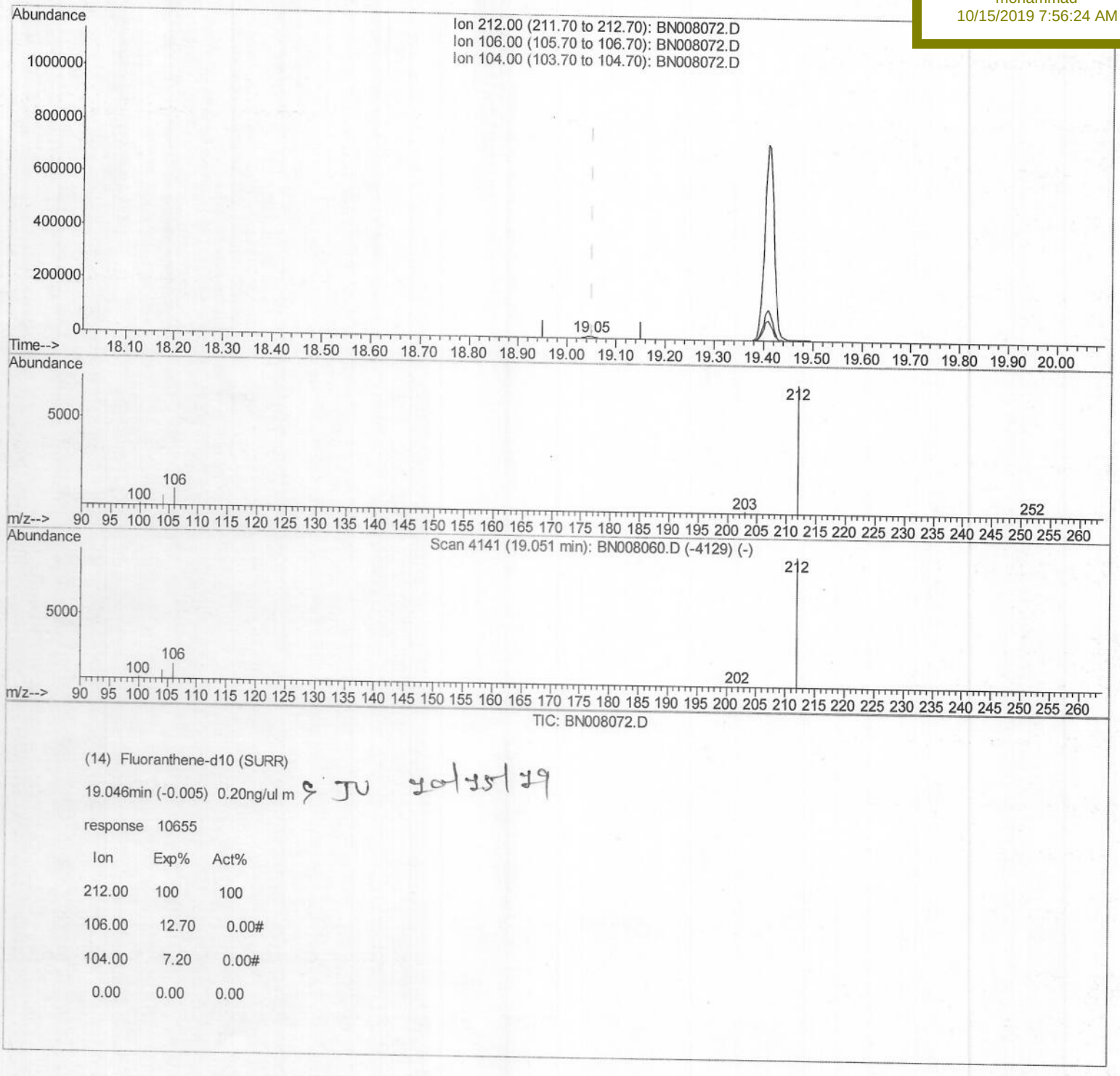

(14) Fluoranthene-d10 (SURR)

19.046min (-0.005) 0.20ng/ul m JU 10/15/19

response 10655

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 : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:43 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
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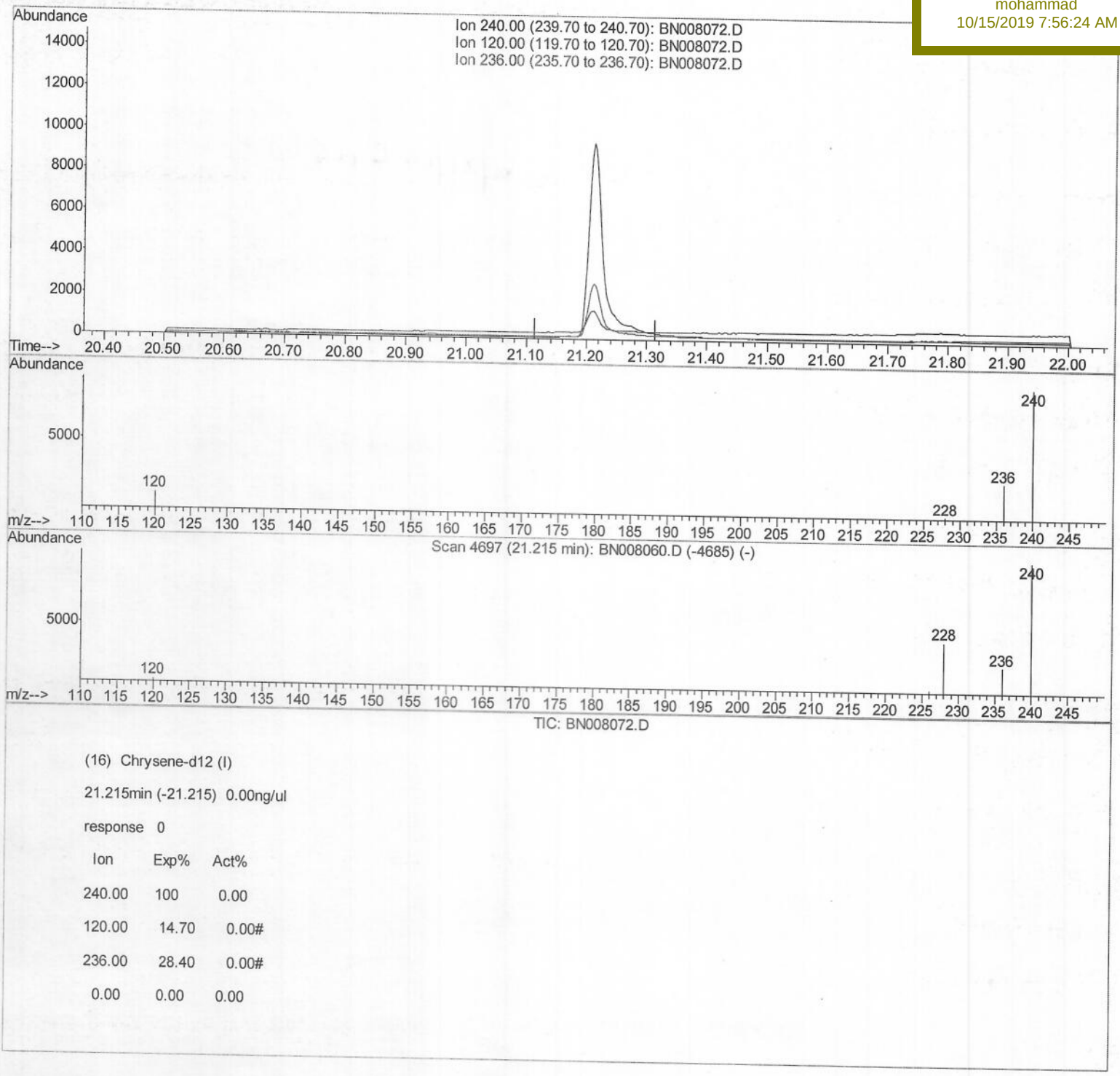

(16) Chrysene-d12 (I)

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 : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:16:43 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 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMB9

Manual Integrations APPROVED
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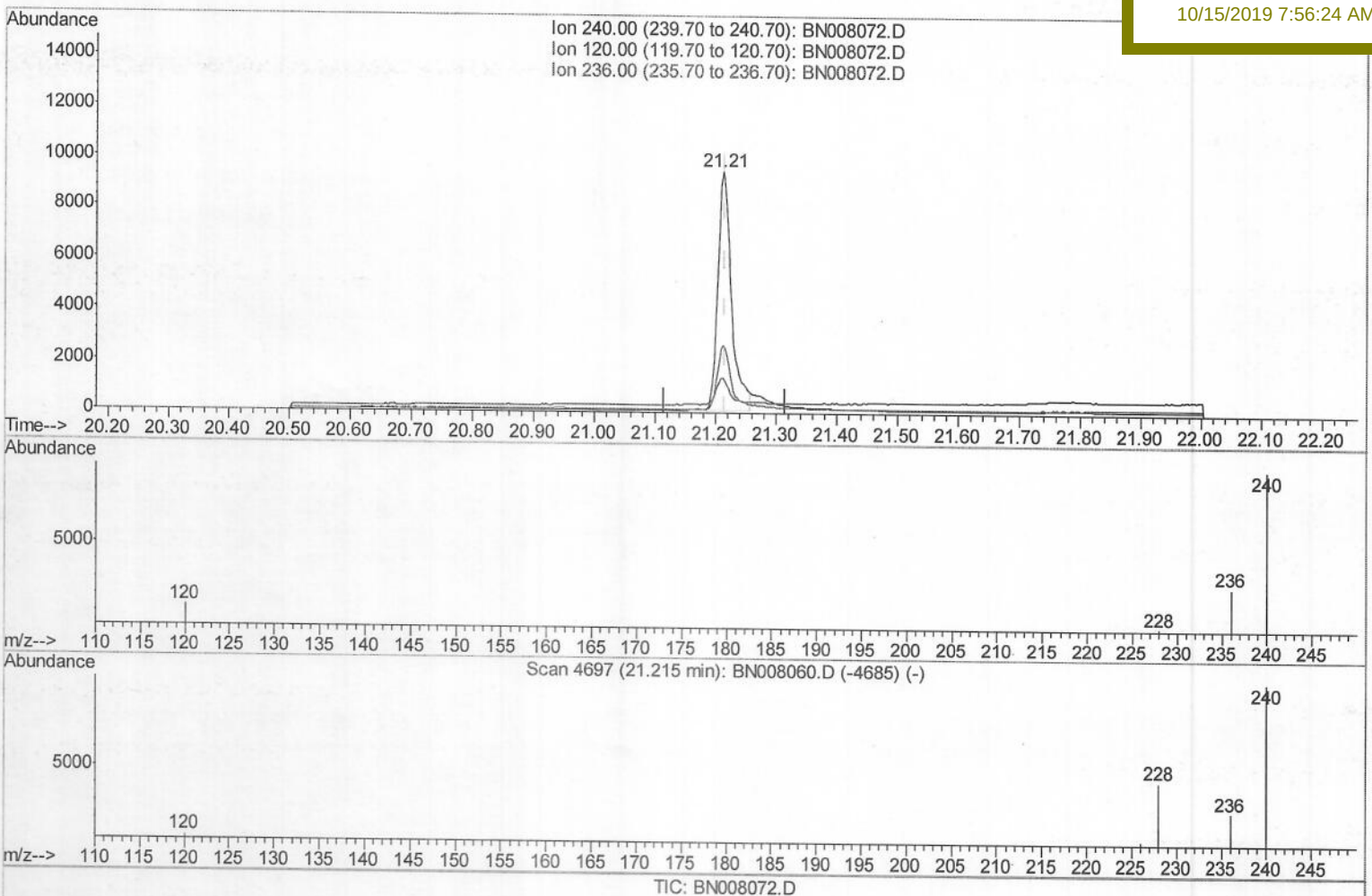

(16) Chrysene-d12 (I)

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

response 14731

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.48
236.00	28.40	28.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008072.D
Acq On : 11 Oct 2019 11:57
Operator : JU
Sample : K5050-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 11 19:18:04 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 19:05:54 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLMB9

Manual Integrations APPROVED
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10/15/2019 7:56:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2319	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	10629	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	6873	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	15530m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	14731m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	21508	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3369	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	10655m	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	749	0.025	ng/ul#	71
5) 2-Methylnaphthalene	12.08	142	687	0.033	ng/ul	98
12) Phenanthrene	17.06	178	1364m	0.030	ng/ul	

JV 10/15/19

JV 10/15/19

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