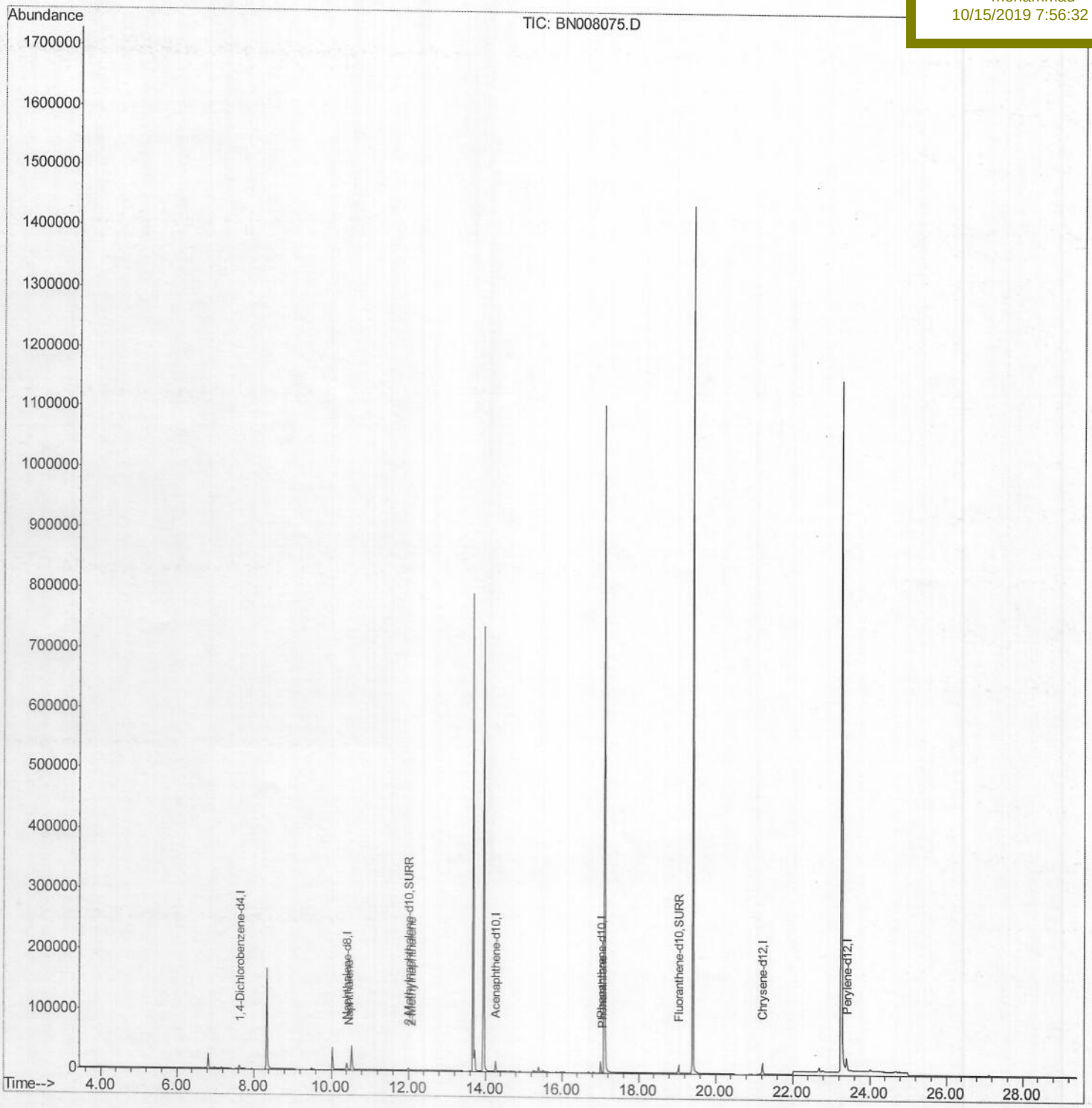
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:26:09 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 :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM



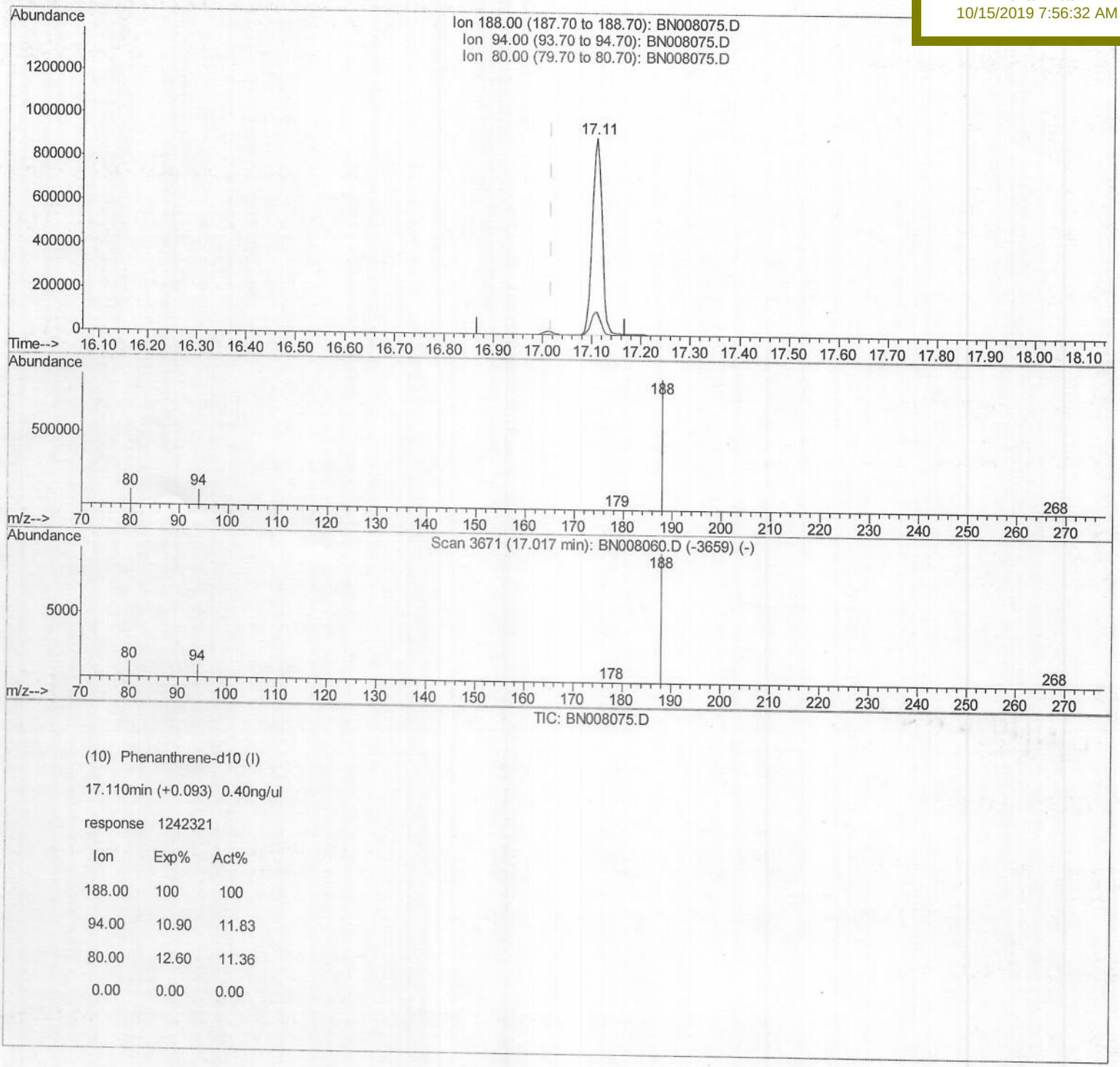
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:24:09 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 :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM



TIC: BN008075.D

(10) Phenanthrene-d10 (I)

17.110min (+0.093) 0.40ng/ul

response 1242321

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.83
80.00	12.60	11.36
0.00	0.00	0.00

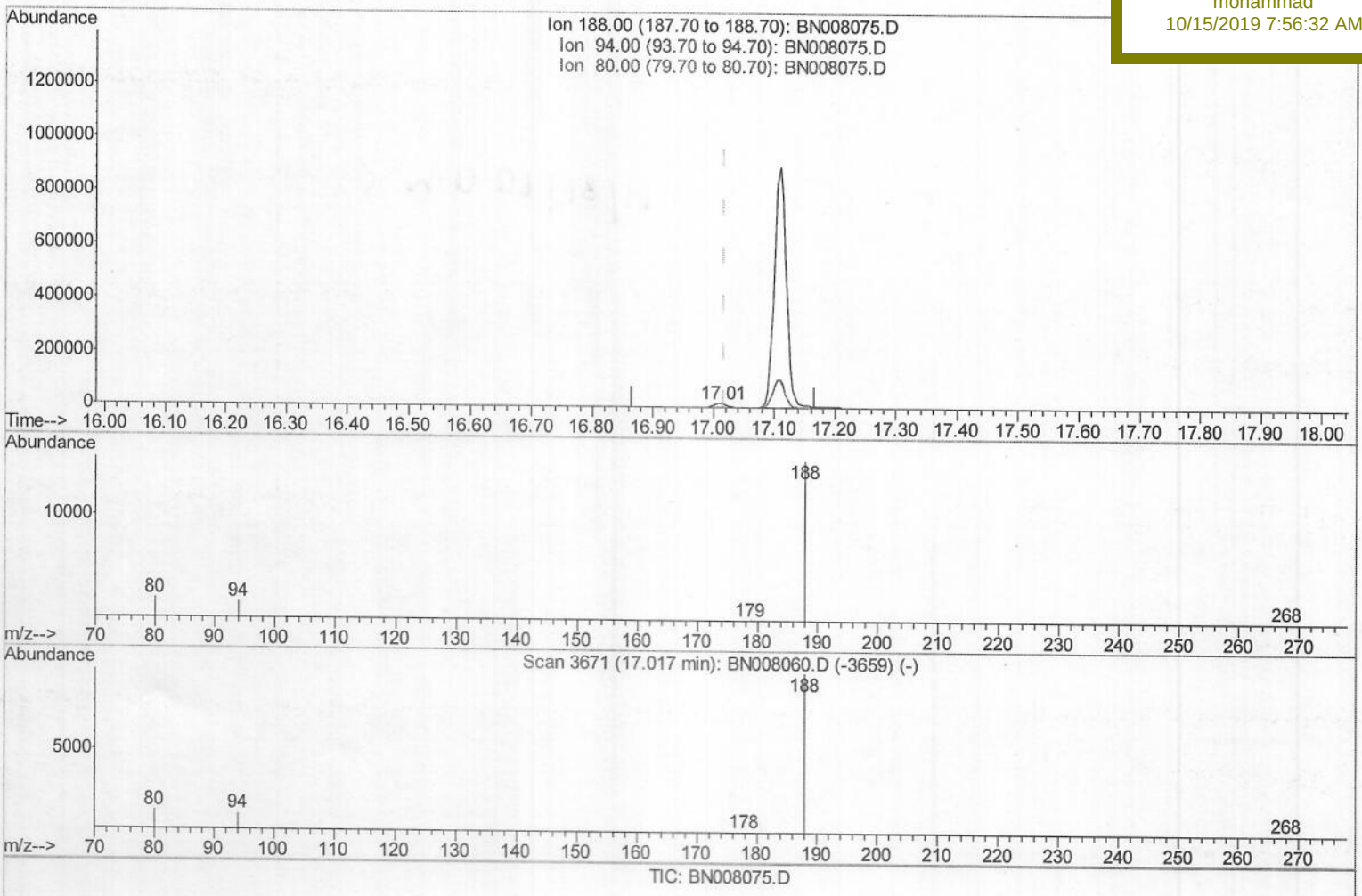
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:24:09 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 :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM



TIC: BN008075.D

(10) Phenanthrene-d10 (I)

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

response 22012

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	10.55
80.00	12.60	12.33
0.00	0.00	0.00

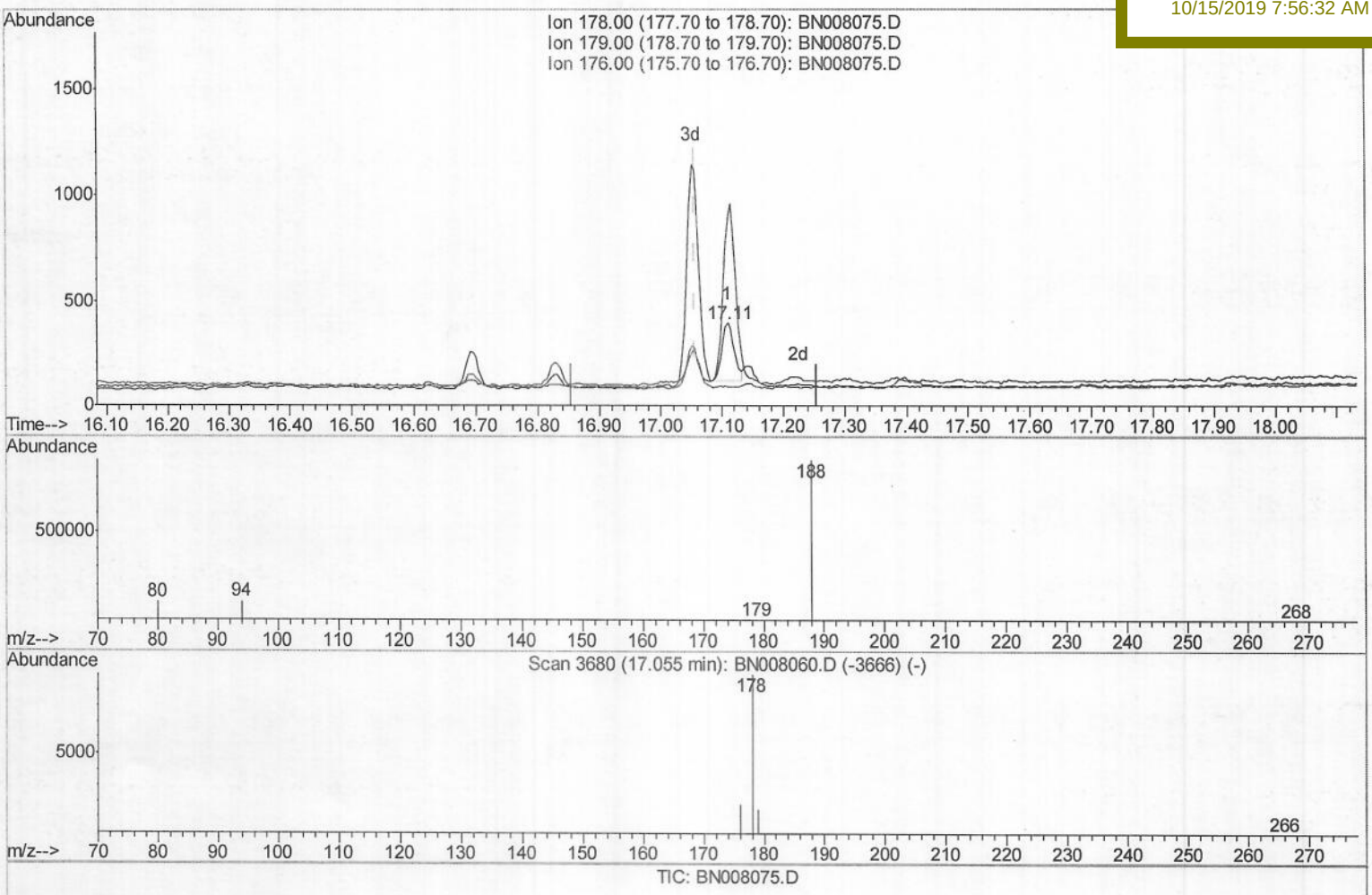
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:24:40 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 :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM



(12) Phenanthrene

17.110min (+0.055) 0.01ng/ul

response 378

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	229.19#
176.00	19.30	22.84
0.00	0.00	0.00

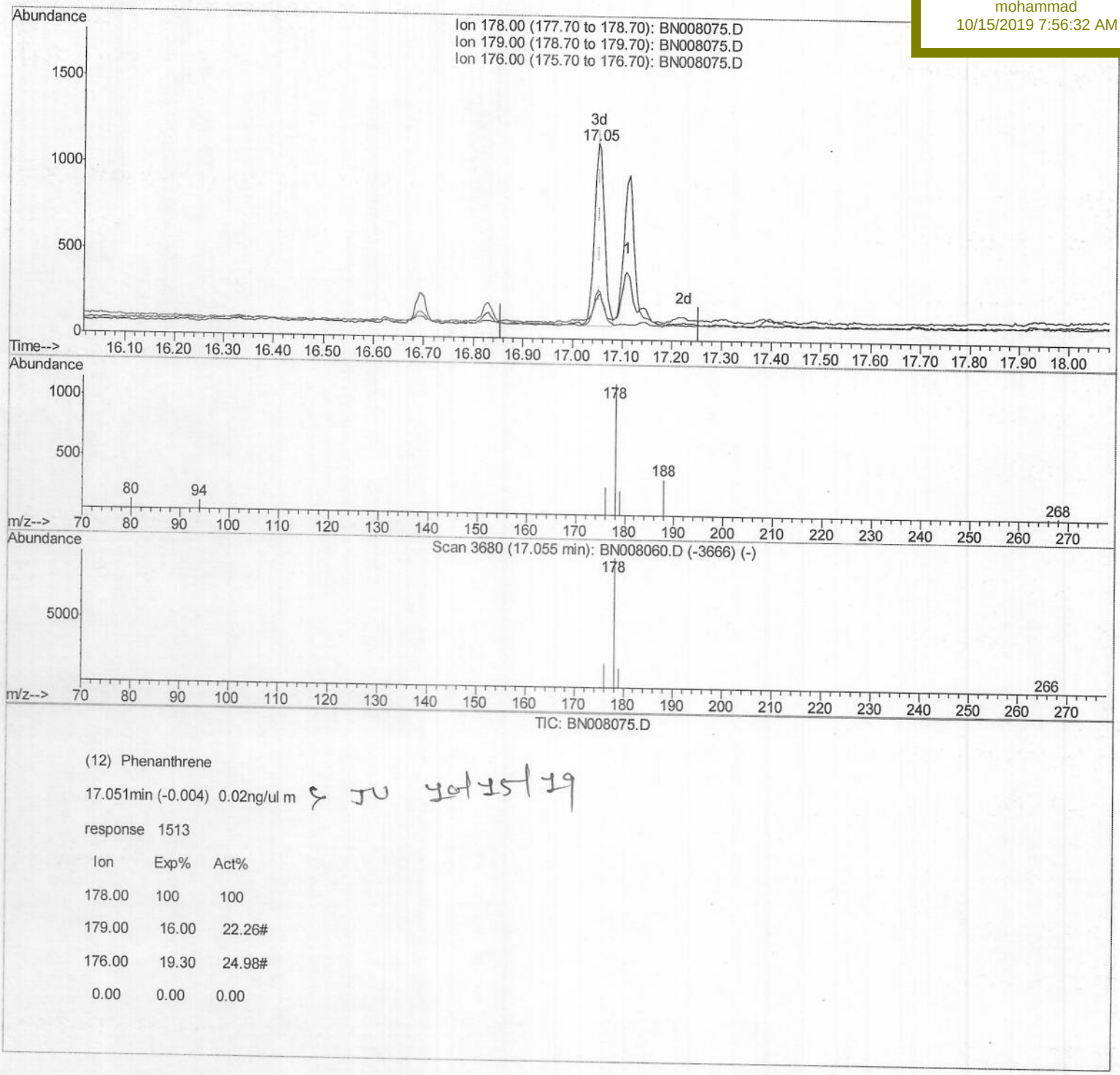
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:24:40 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 :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM



(12) Phenanthrene

17.051min (-0.004) 0.02ng/ul m JU 10/15/19

response 1513

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	22.26#
176.00	19.30	24.98#
0.00	0.00	0.00

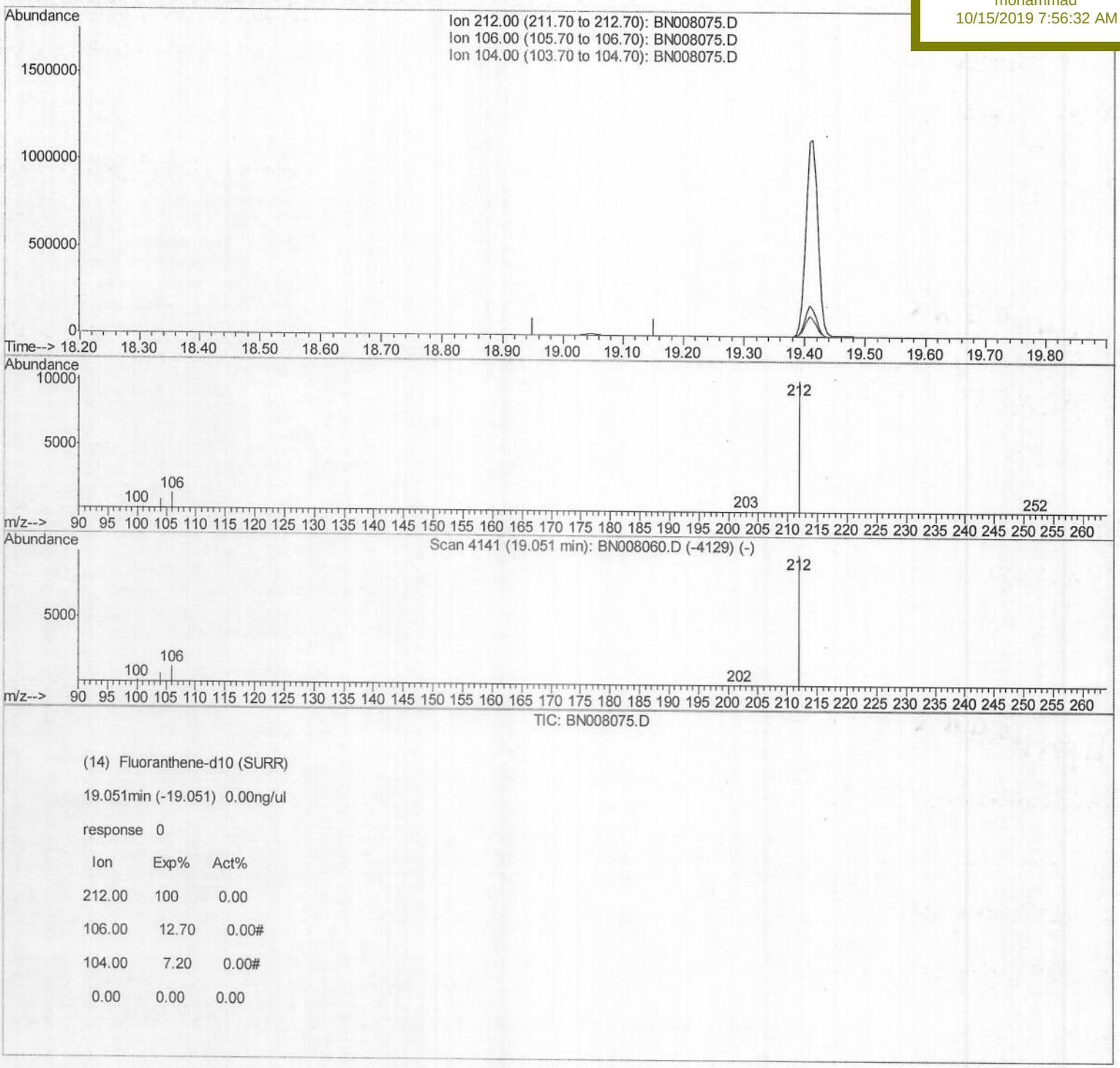
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:24:40 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 :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM



(14) Fluoranthene-d10 (SURR)

19.051min (-19.051) 0.00ng/ul

response 0

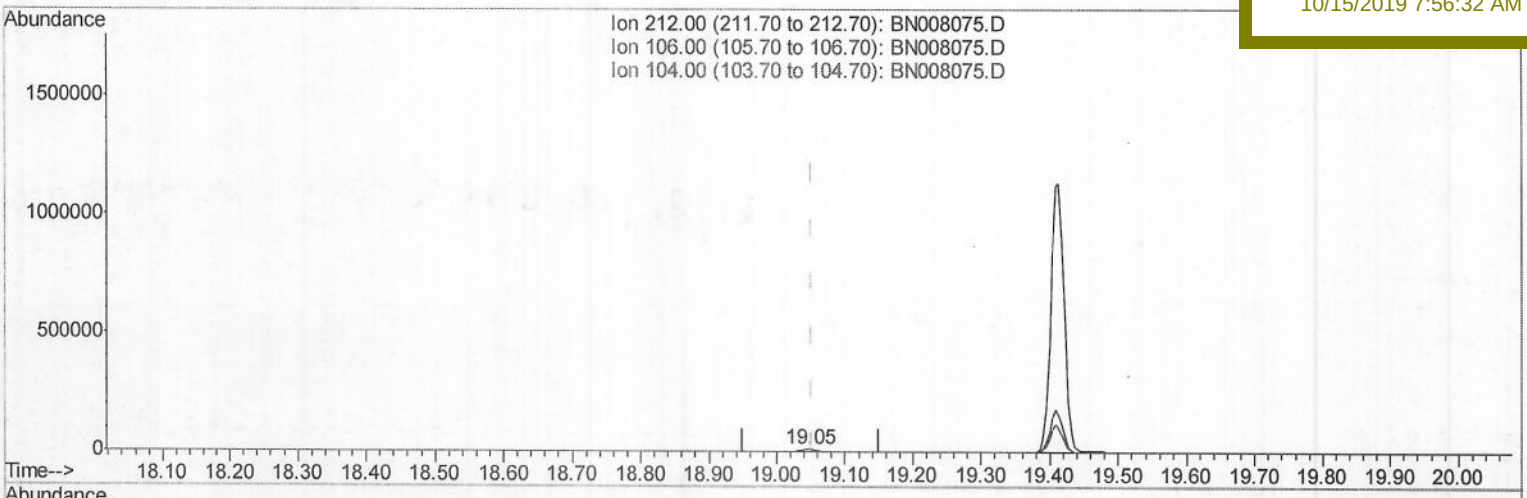
Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

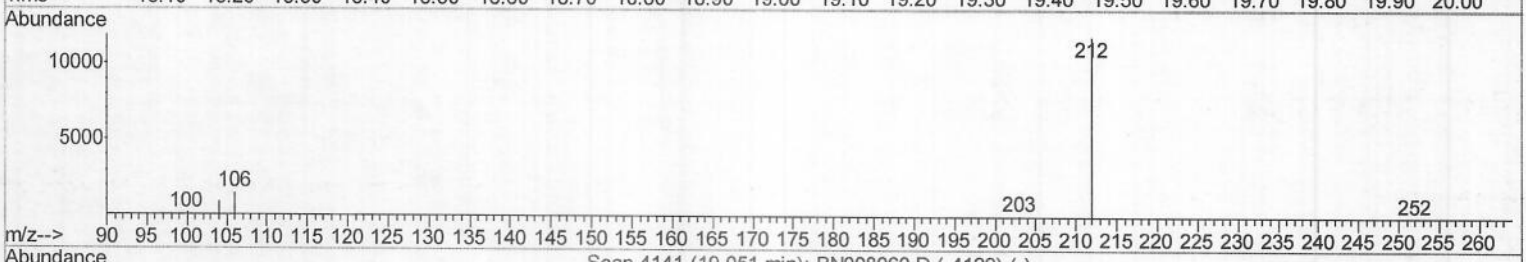
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

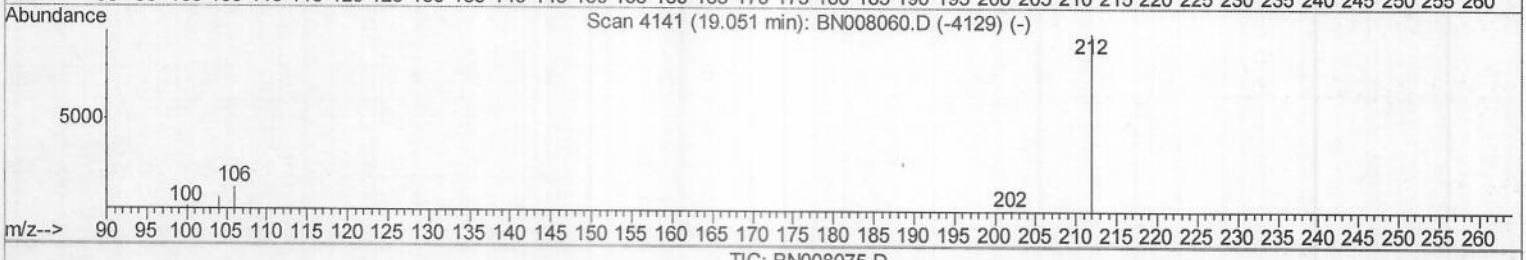
Quant Time: Oct 11 19:24:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM







TIC: BN008075.D

(14) Fluoranthene-d10 (SURR)

19.046min (-0.005) 0.22ng/ul m JU 10/15/19

response 16795

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

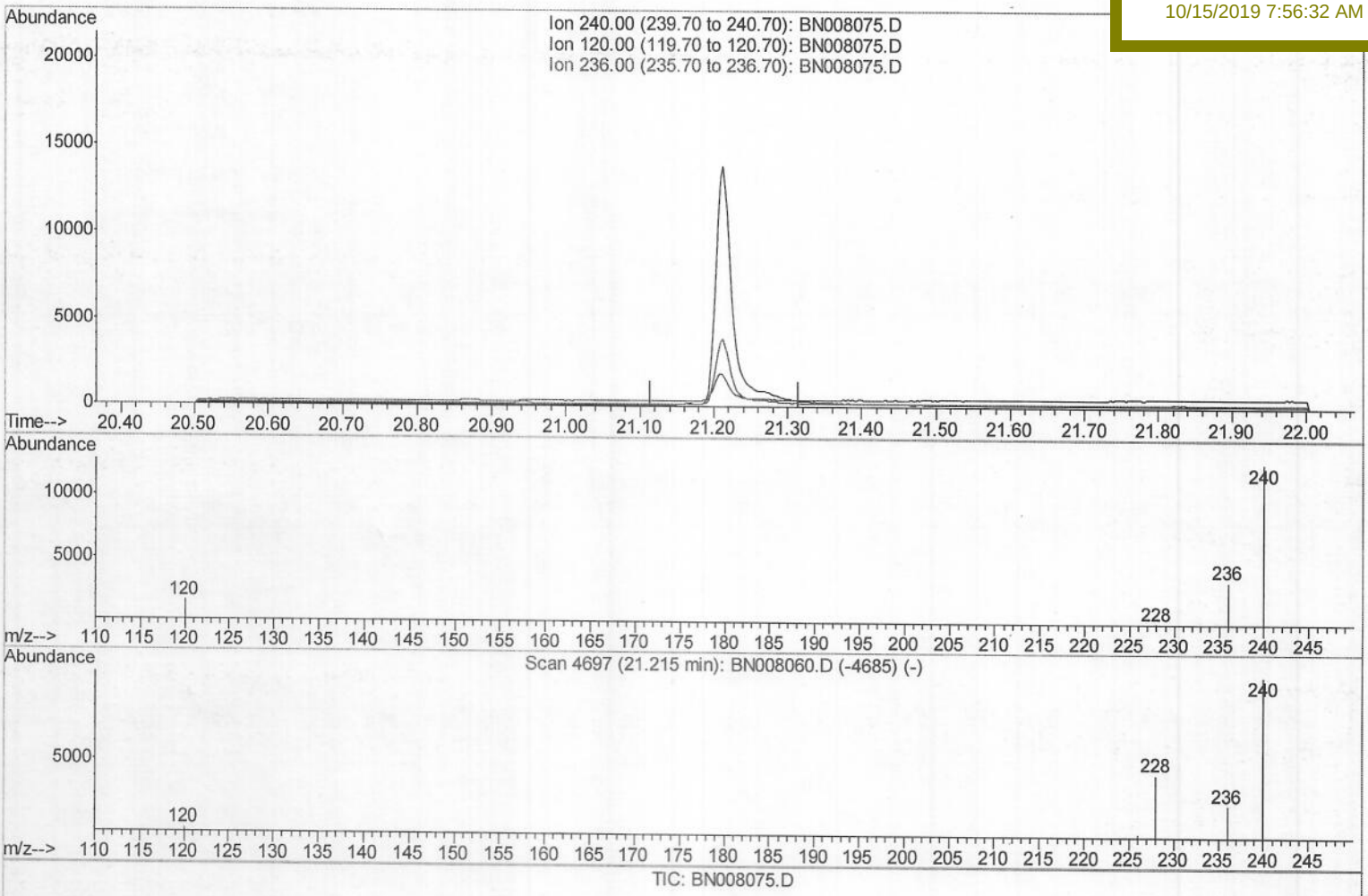
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:24:40 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 :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM



TIC: BN008075.D

(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

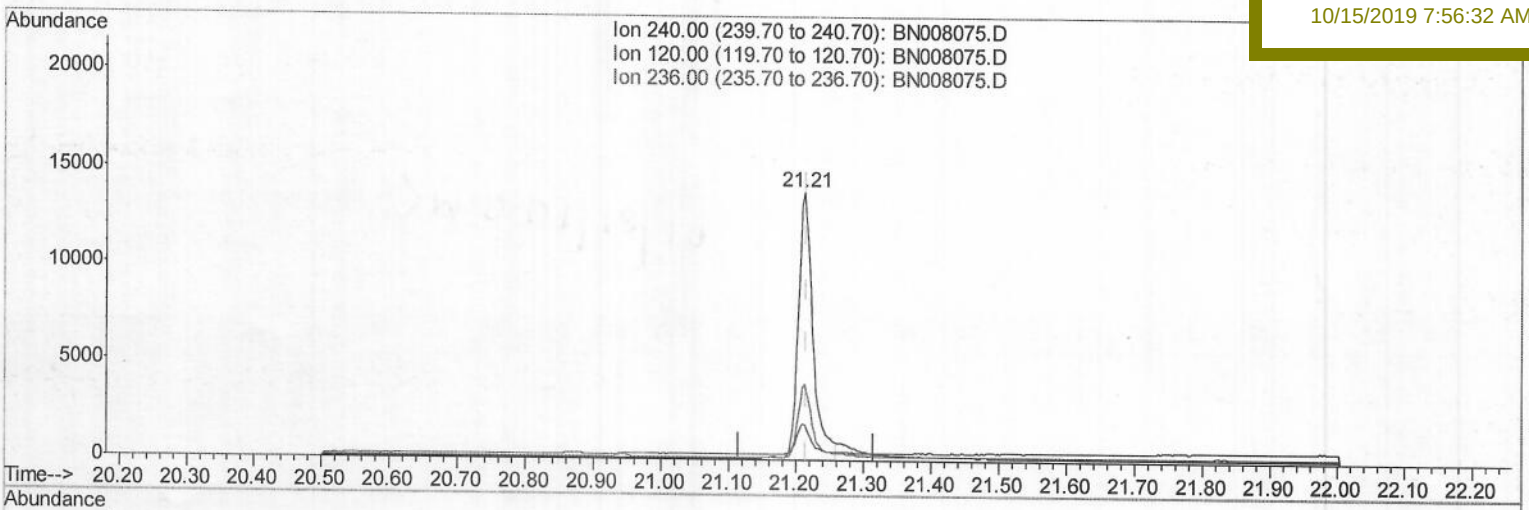
Quantitation Report (Qedit)

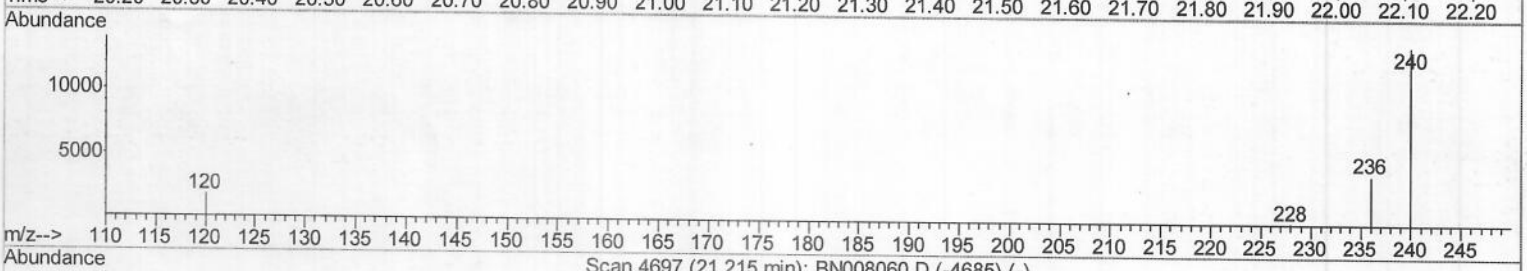
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

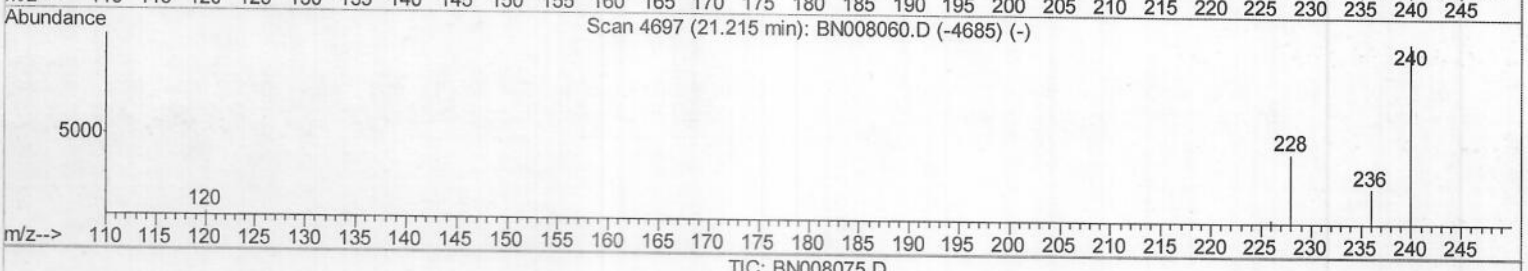
Quant Time: Oct 11 19:24:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM







TIC: BN008075.D

(16) Chrysene-d12 (I)

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

response 20620

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	12.97
236.00	28.40	28.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101119\
Data File : BN008075.D
Acq On : 11 Oct 2019 13:44
Operator : JU
Sample : K5050-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 19:26:09 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 : JLMC4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3214	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	14848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	9840	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	22012m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	20620m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	26730	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	5636	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	16795m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	1050	0.025	ng/ul#	77
5) 2-Methylnaphthalene	12.07	142	1143	0.039	ng/ul	100
12) Phenanthrene	17.05	178	1513m	0.023	ng/ul	

JU 10/15/19

JU 10/15/19

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