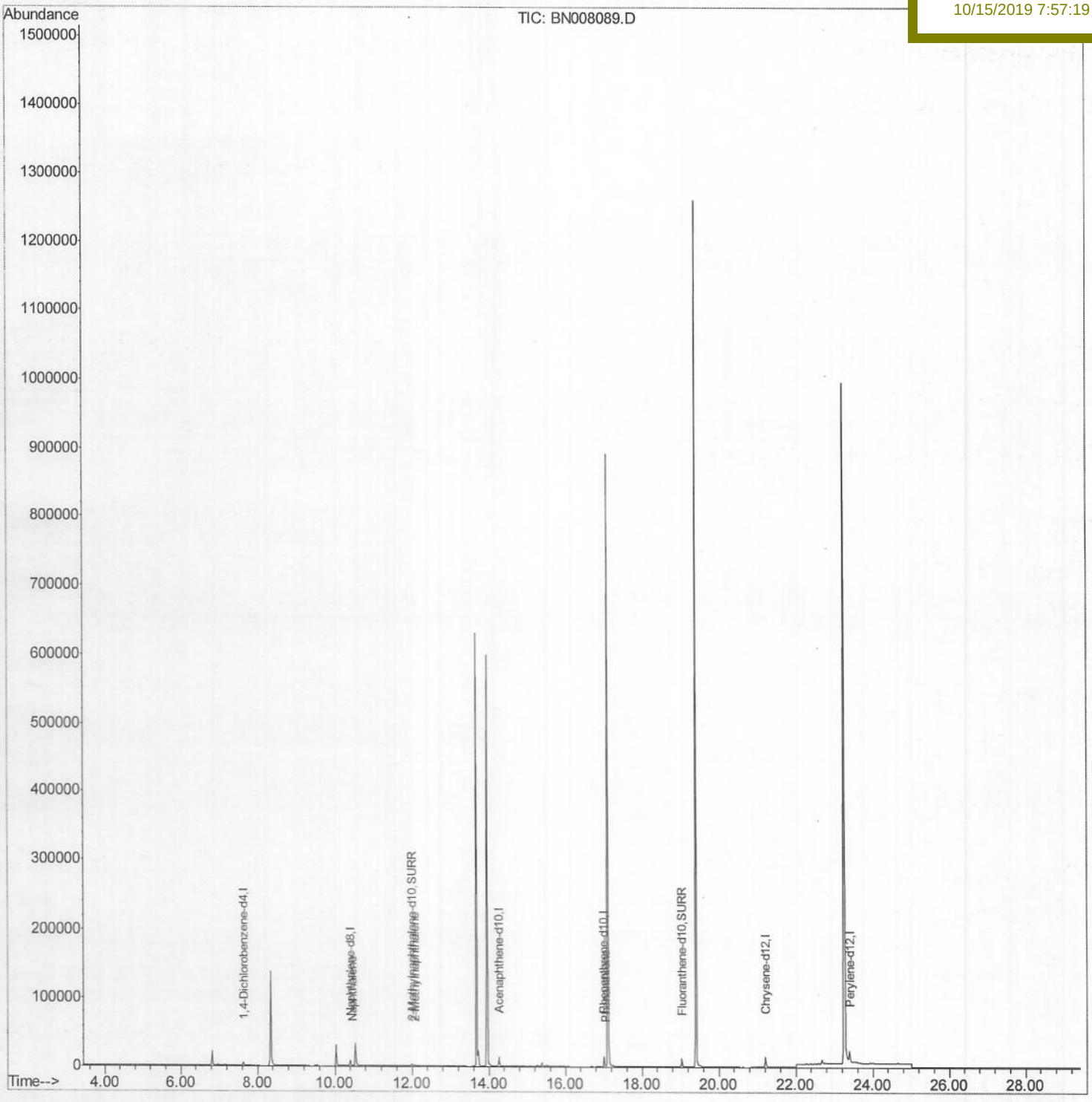
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 13 01:04:05 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 :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM



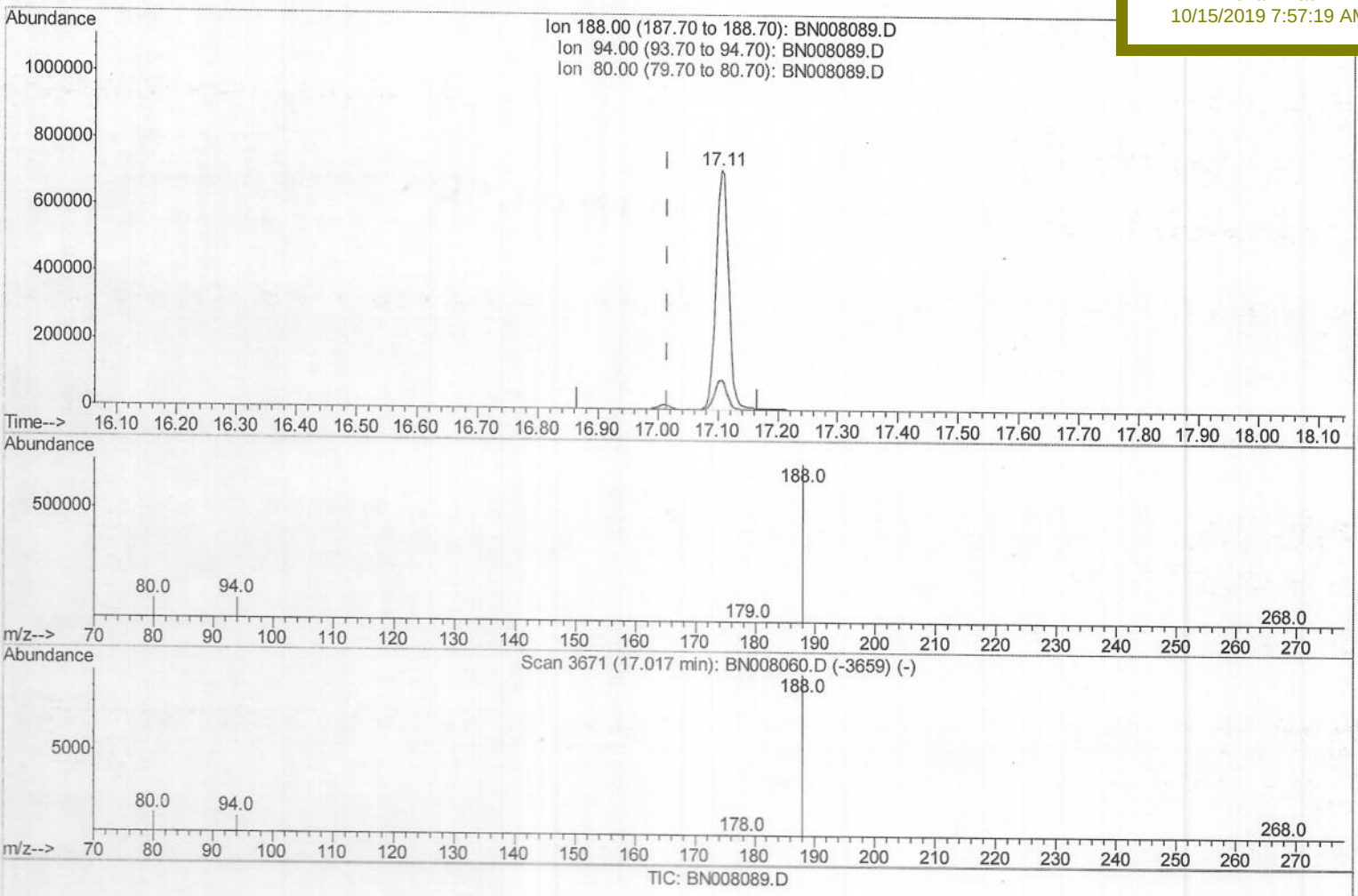
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 11 23:16:36 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 :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM



TIC: BN008089.D

(10) Phenanthrene-d10 (I)

17.106min (+0.089) 0.40ng/ul

response 1033634

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.44
80.00	12.60	12.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 11 23:16:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 11 19:05:54 2019
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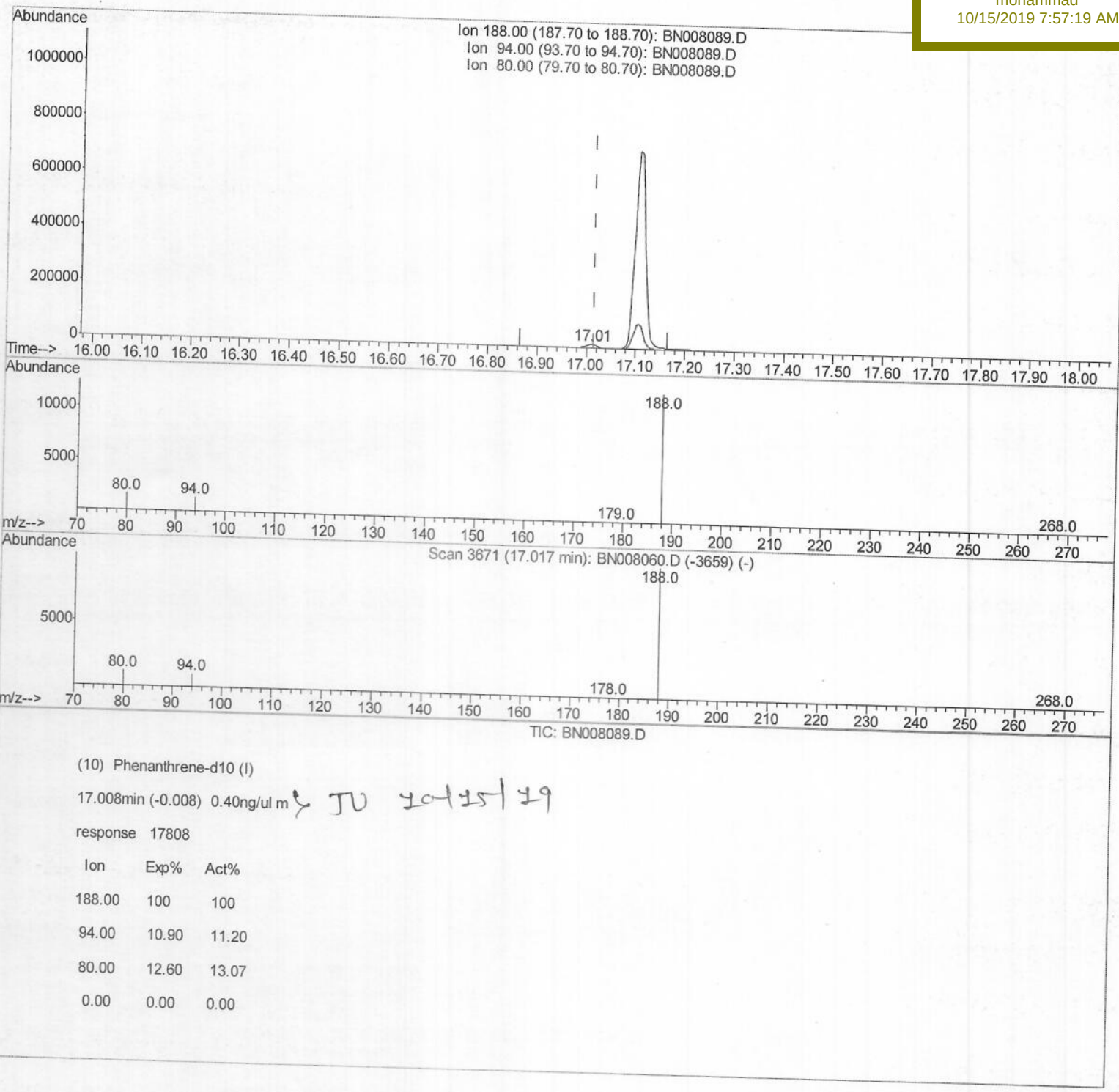
Instrument :
BNA_N
ClientSampleId :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM



(10) Phenanthrene-d10 (I)

17.008min (-0.008) 0.40ng/ul m JU 10/15/19

response 17808

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.20
80.00	12.60	13.07
0.00	0.00	0.00

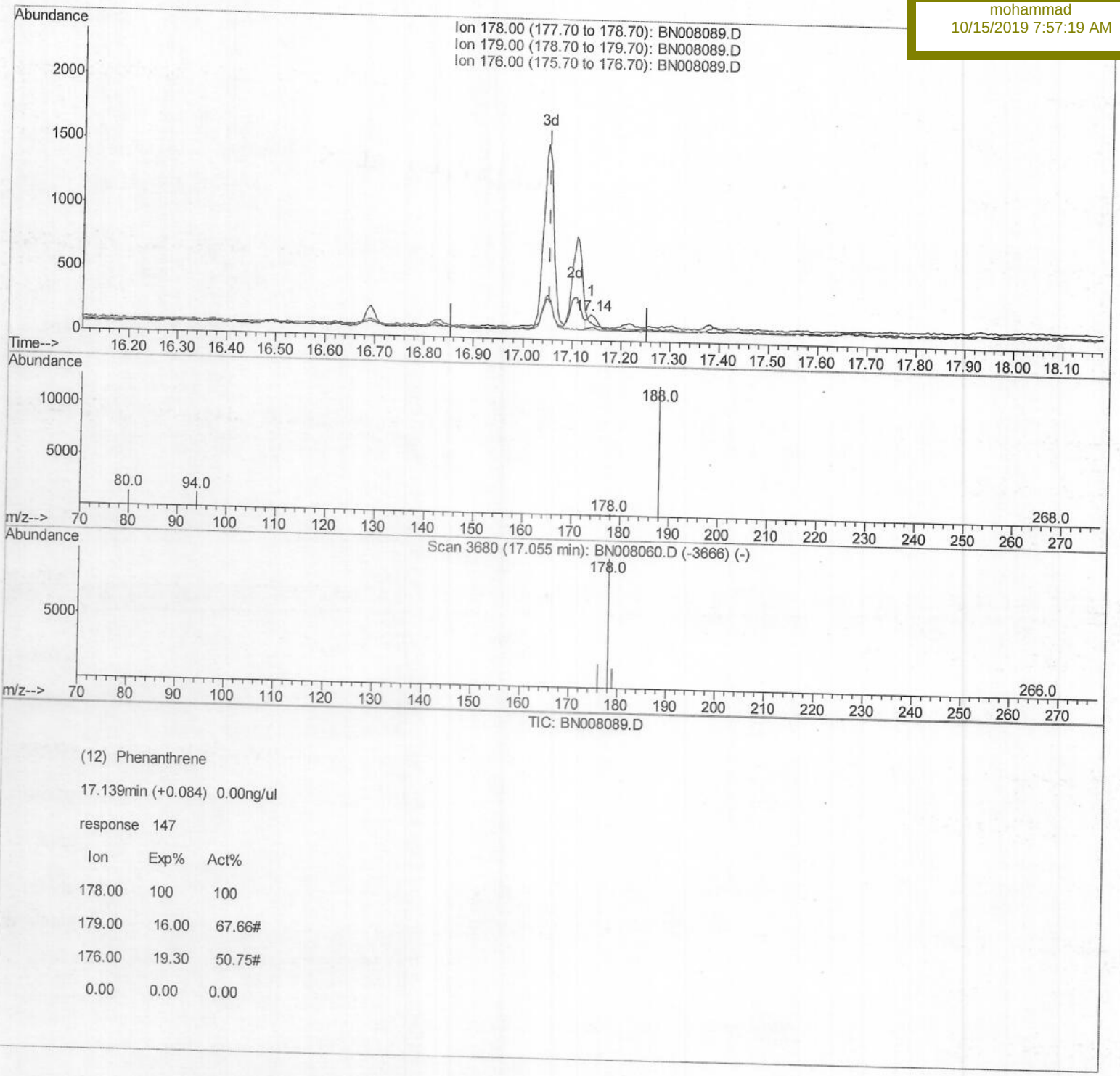
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 13 01:01:45 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 :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM



(12) Phenanthrene

17.139min (+0.084) 0.00ng/ul

response 147

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	67.66#
176.00	19.30	50.75#
0.00	0.00	0.00

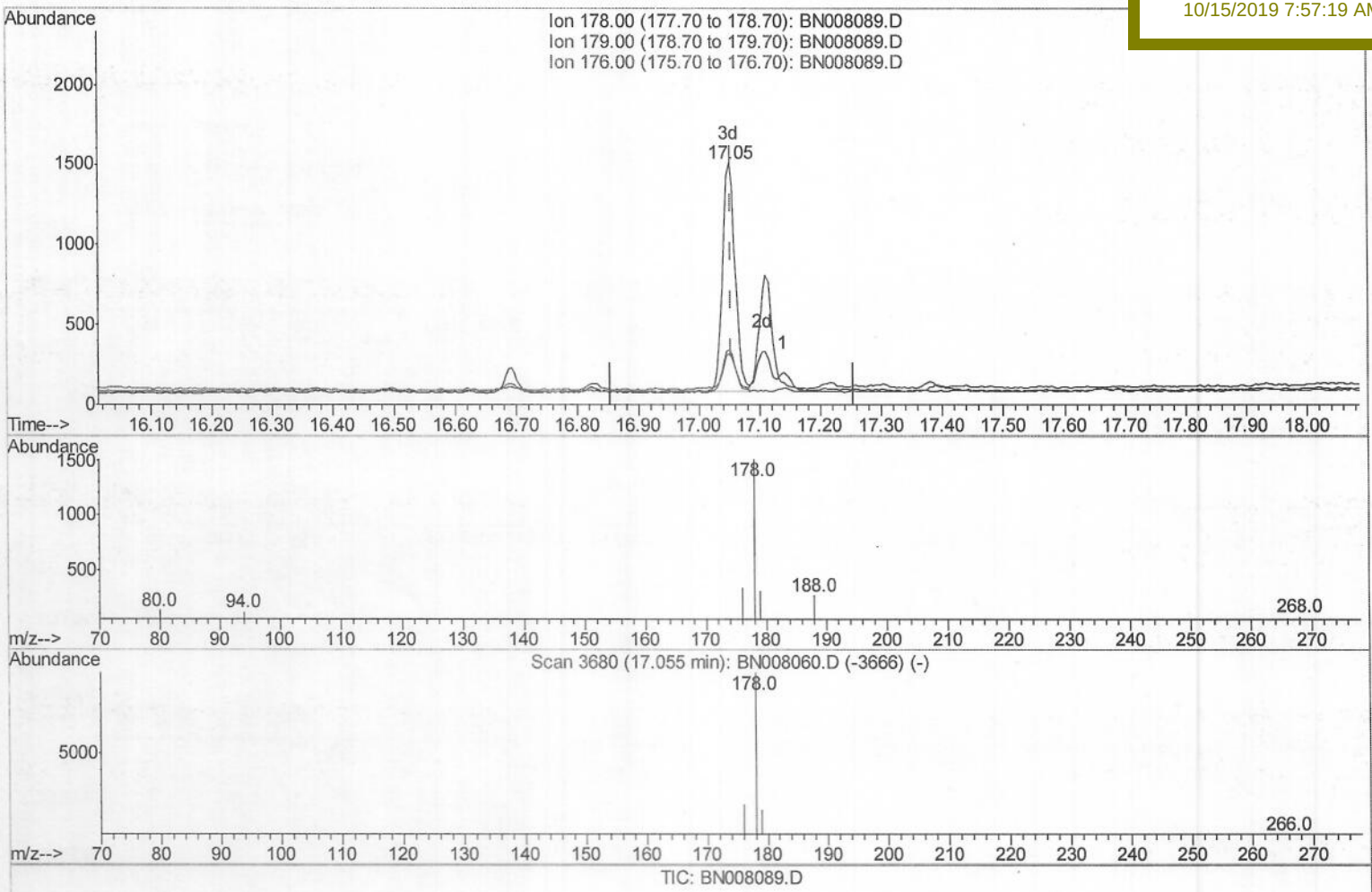
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 13 01:01:45 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 :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM



TIC: BN008089.D

(12) Phenanthrene

17.051min (-0.004) 0.04ng/ul m JV 10/15/19

response 2068

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	20.79#
176.00	19.30	22.58
0.00	0.00	0.00

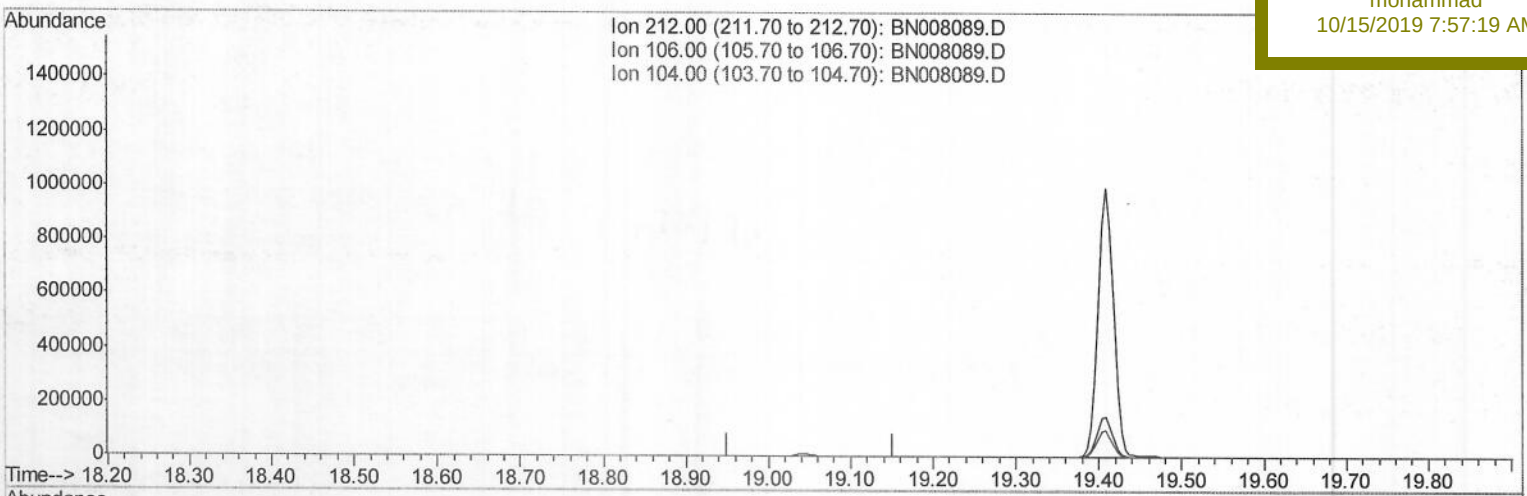
Quantitation Report (Qedit)

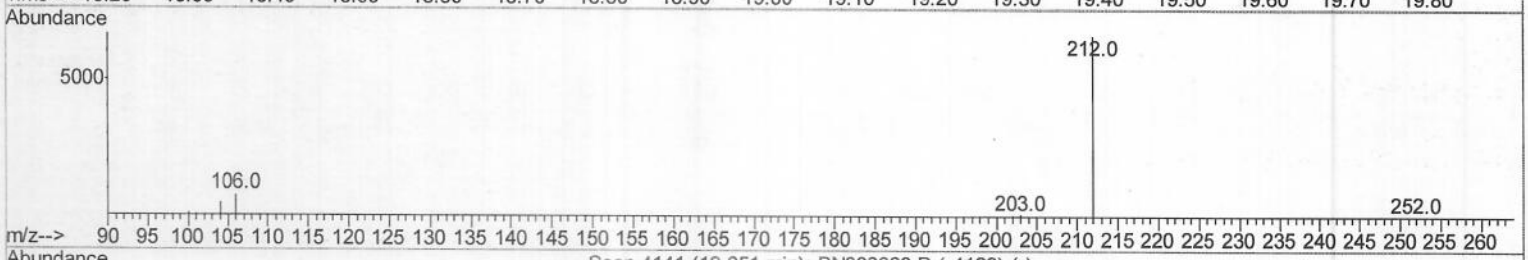
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

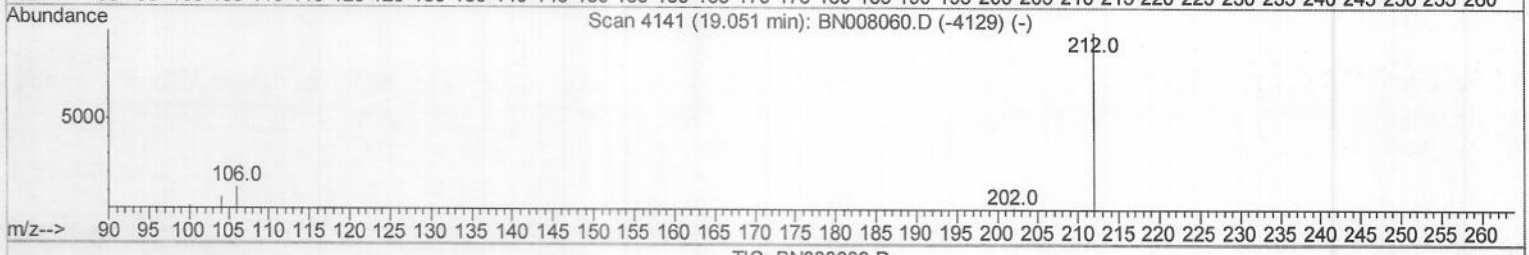
Quant Time: Oct 13 01:01:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM







TIC: BN008089.D

(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

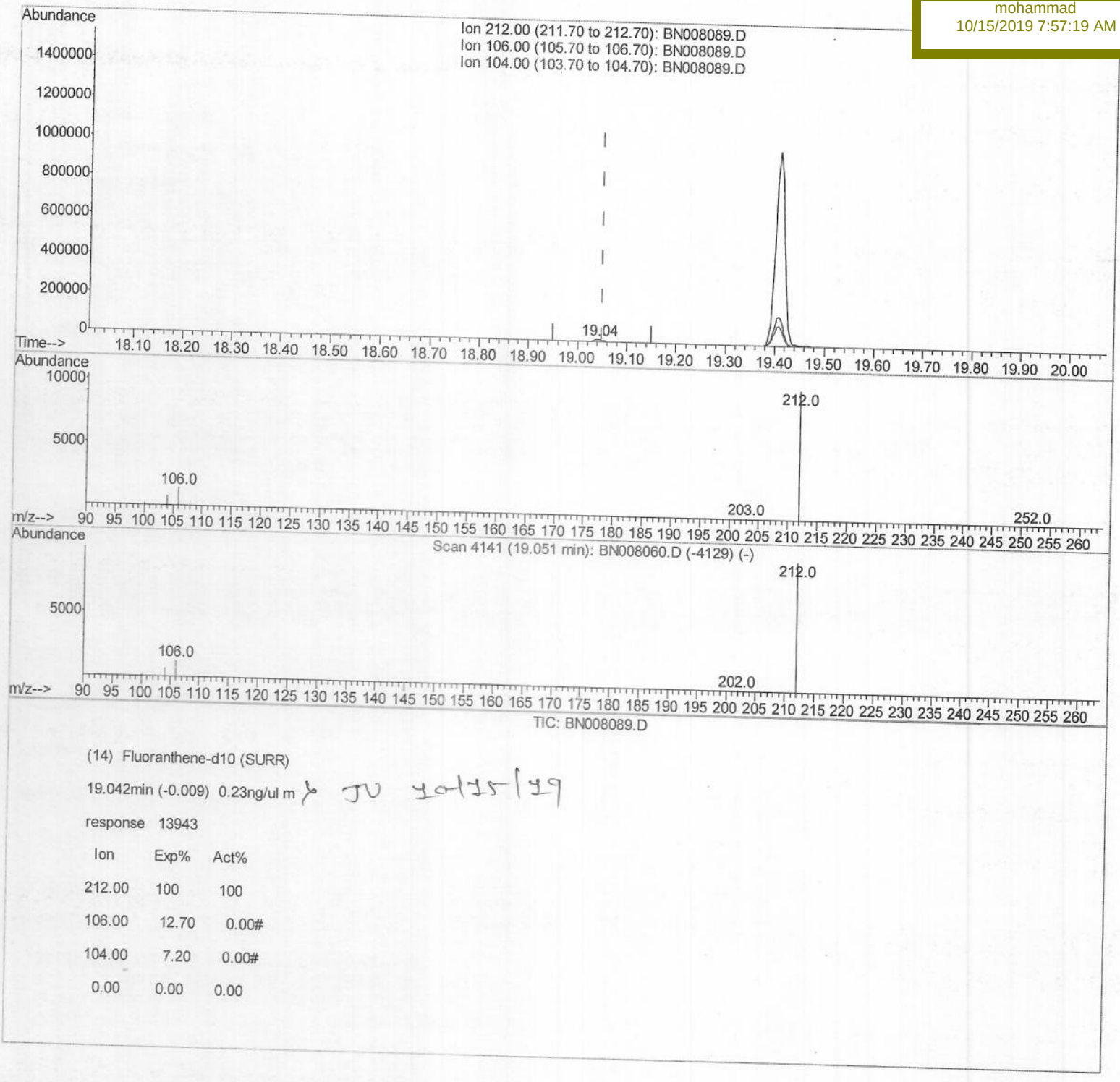
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 13 01:01:45 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 :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM



TIC: BN008089.D

(14) Fluoranthene-d10 (SURR)

19.042min (-0.009) 0.23ng/ul m JU 10/15/19

response 13943

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 : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 13 01:01:45 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 :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 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

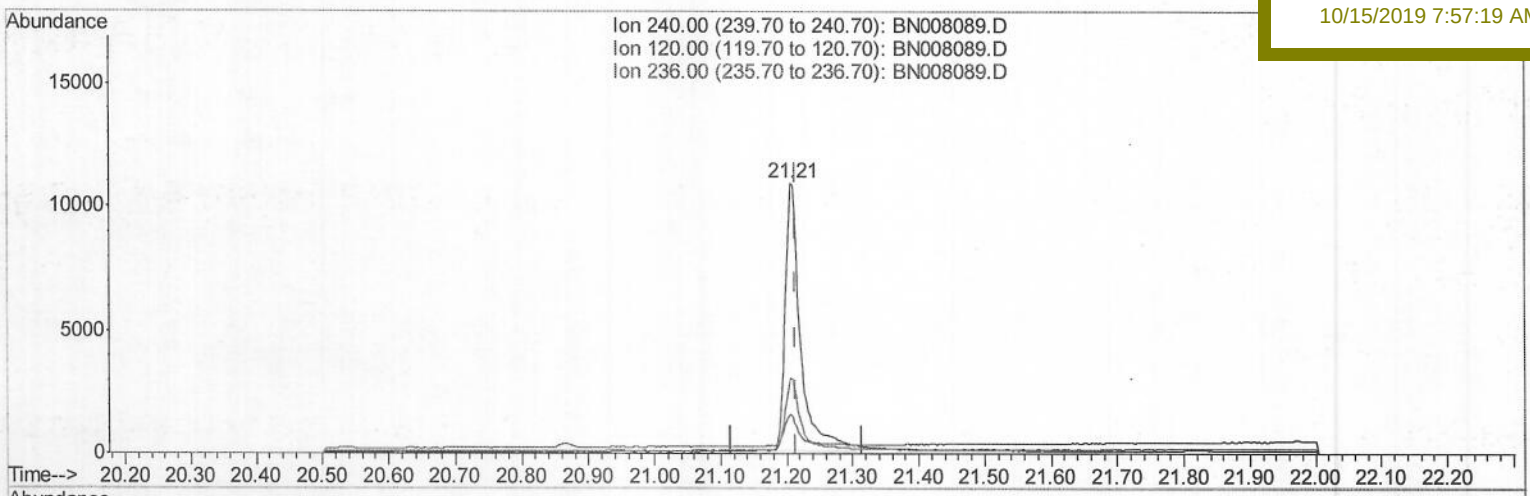
Quantitation Report (Qedit)

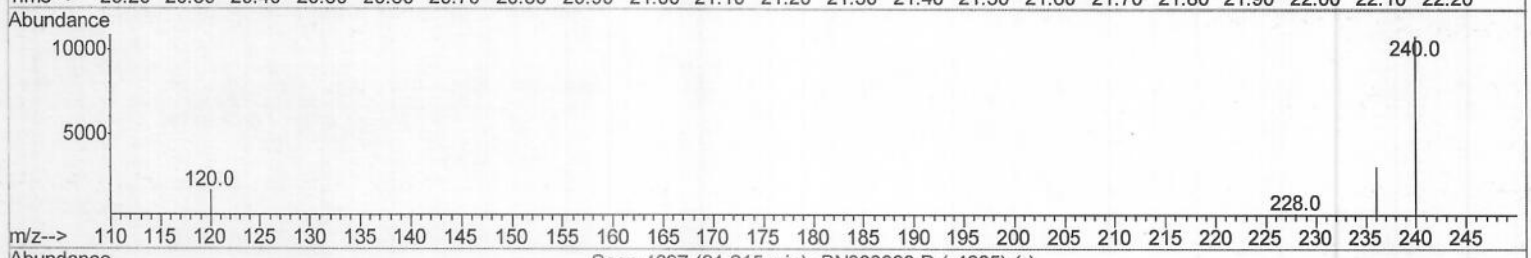
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

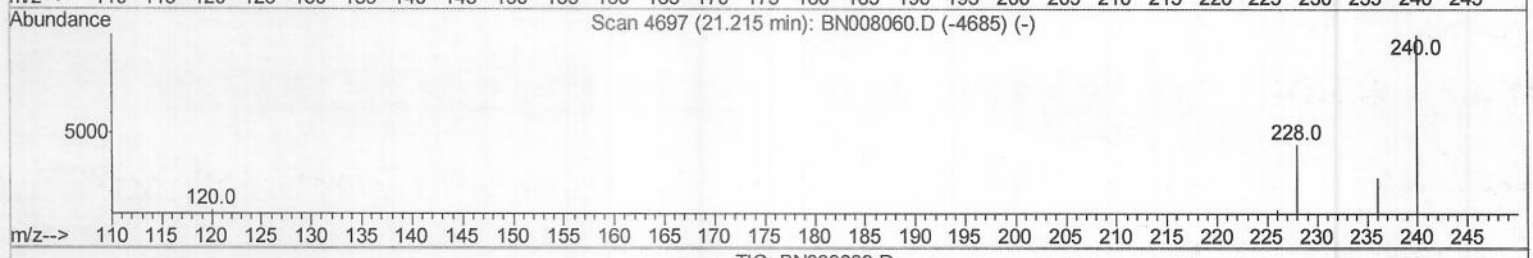
Quant Time: Oct 13 01:01:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM







TIC: BN008089.D

(16) Chrysene-d12 (I)

21.207min (-0.009) 0.40ng/ul m JU 10/15/19

response 18115

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.37
236.00	28.40	28.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008089.D
Acq On : 11 Oct 2019 22:04
Operator : JU
Sample : K5050-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 13 01:04:05 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 : JLME0

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2520	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12055	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7804	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	17808m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	18115m	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	23956	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4566	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	13943m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	1102	0.032	ng/ul#	80
5) 2-Methylnaphthalene	12.07	142	1215	0.052	ng/ul	100
12) Phenanthrene	17.05	178	2068m	0.040	ng/ul	

JU 10/15/19

JU 10/15/19

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