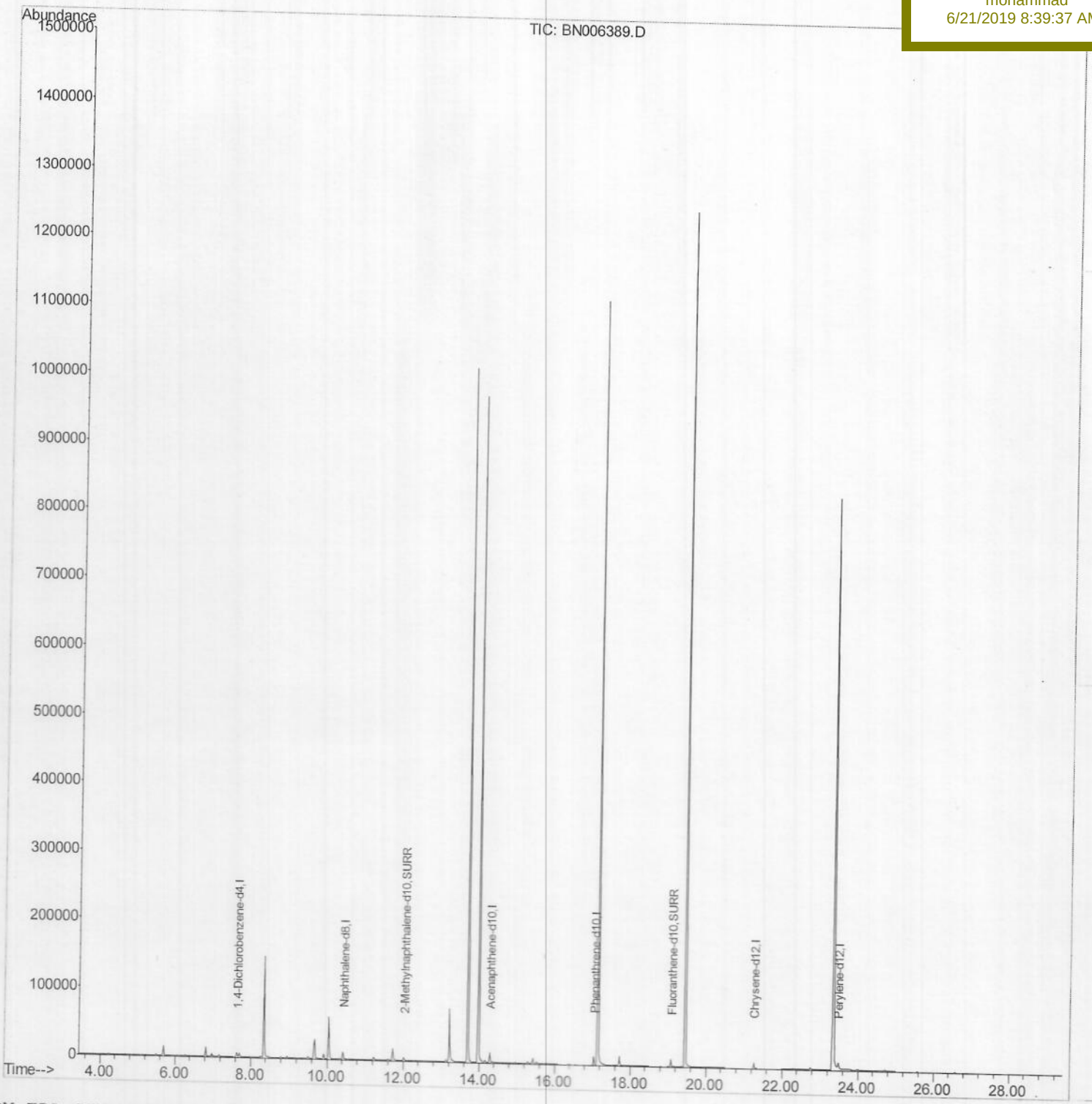
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 02:49:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



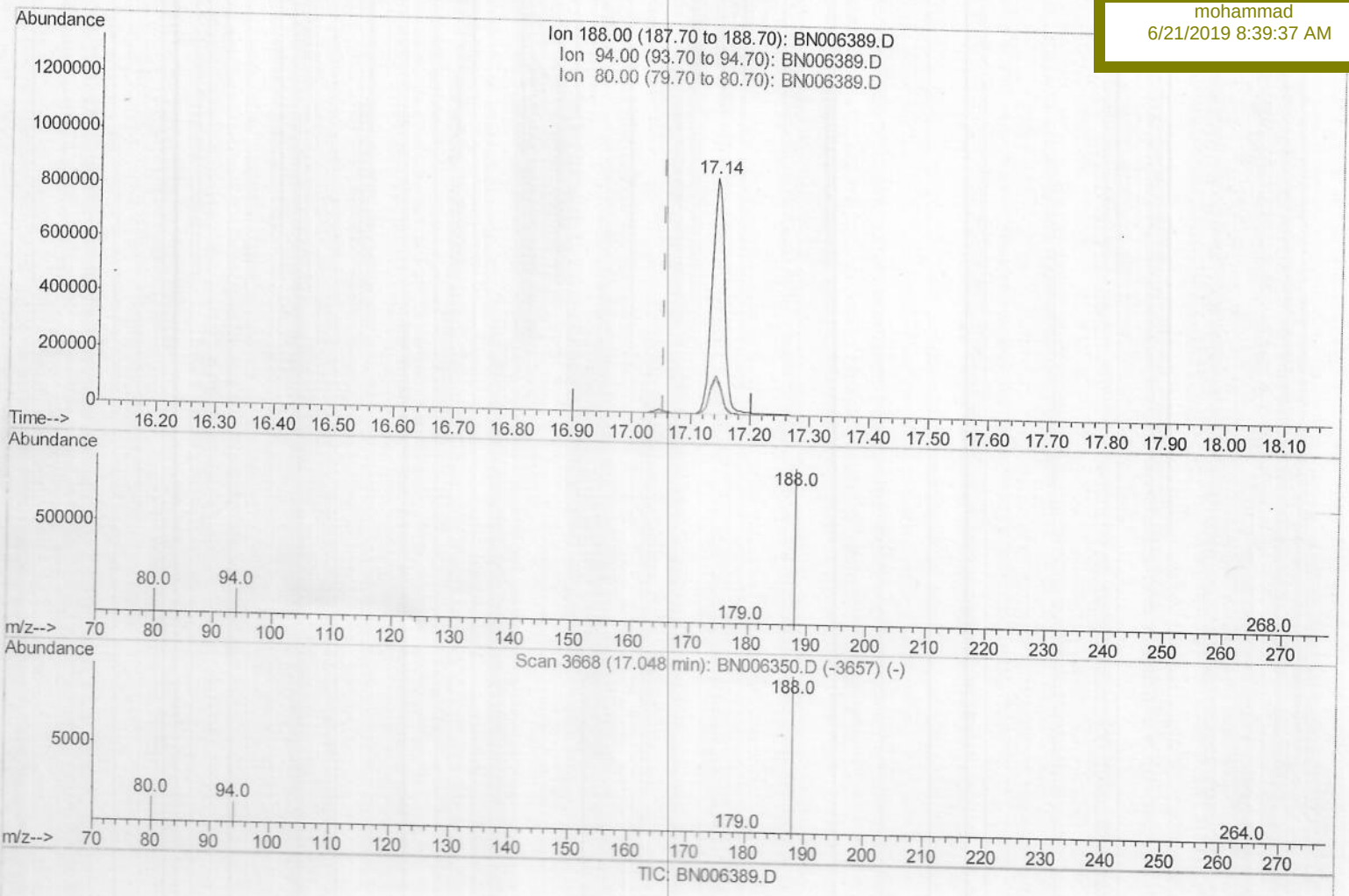
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 01:29:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



TIC: BN006389.D

(10) Phenanthrene-d10 (I)

17.141min (+0.089) 0.40ng/ul

response 1223778

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.72#
80.00	13.60	14.36
0.00	0.00	0.00

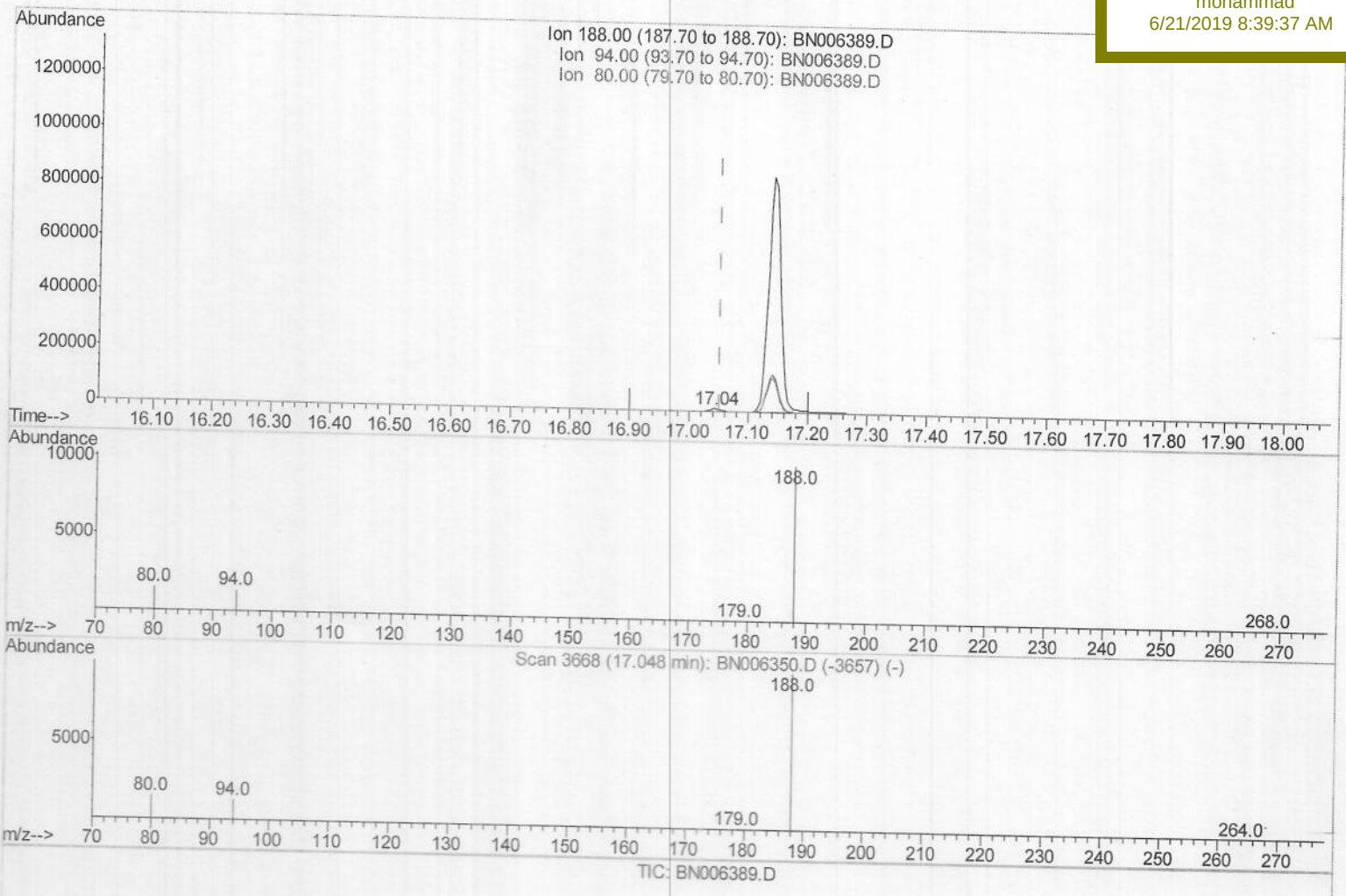
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 01:29:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



TIC: BN006389.D

(10) Phenanthrene-d10 (I)

17.044min (-0.008) 0.40ng/ul m > JU 06/25/19

response 14325

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.52
80.00	13.60	15.05
0.00	0.00	0.00

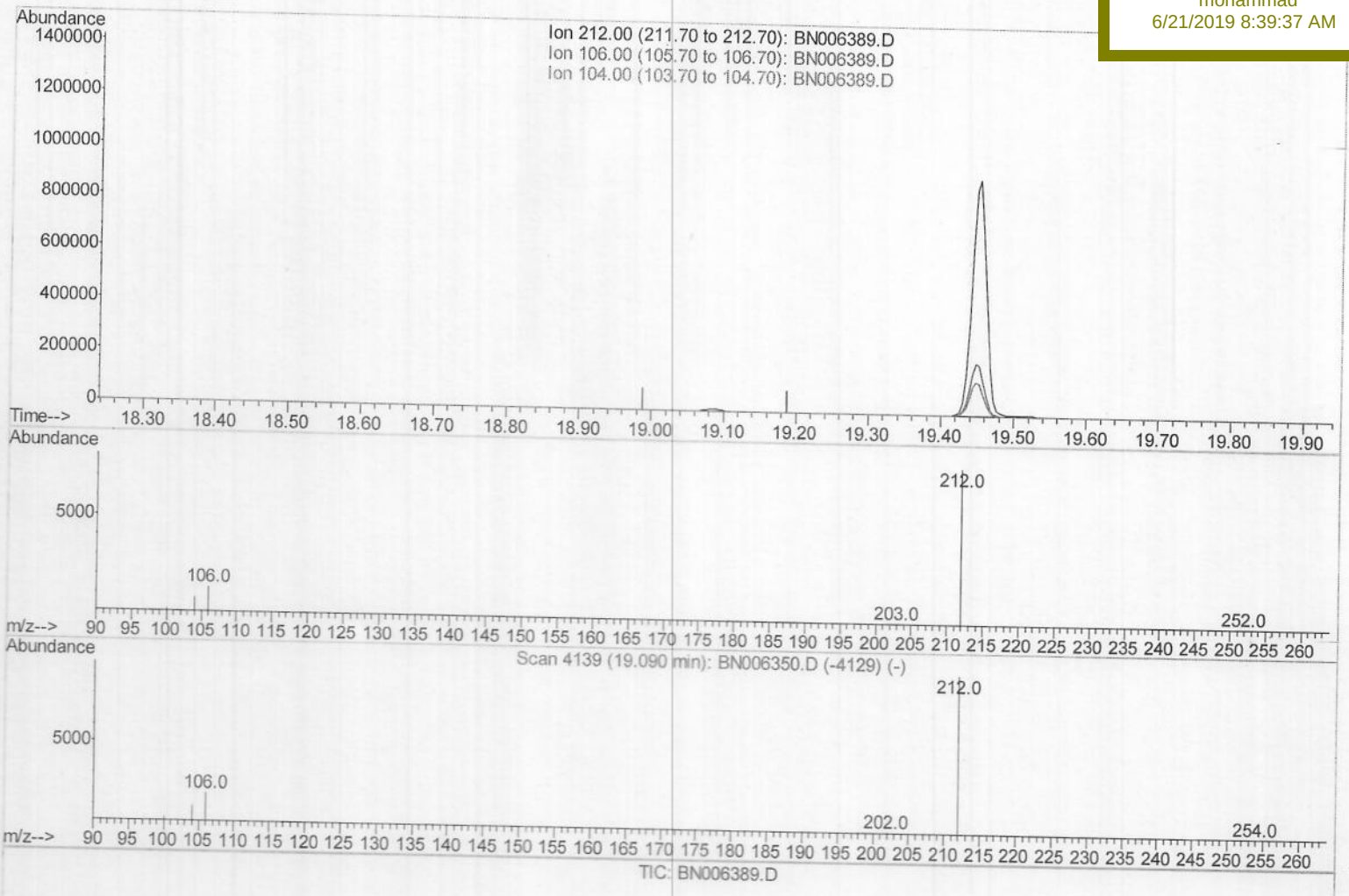
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 02:47:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



TIC: BN006389.D

(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

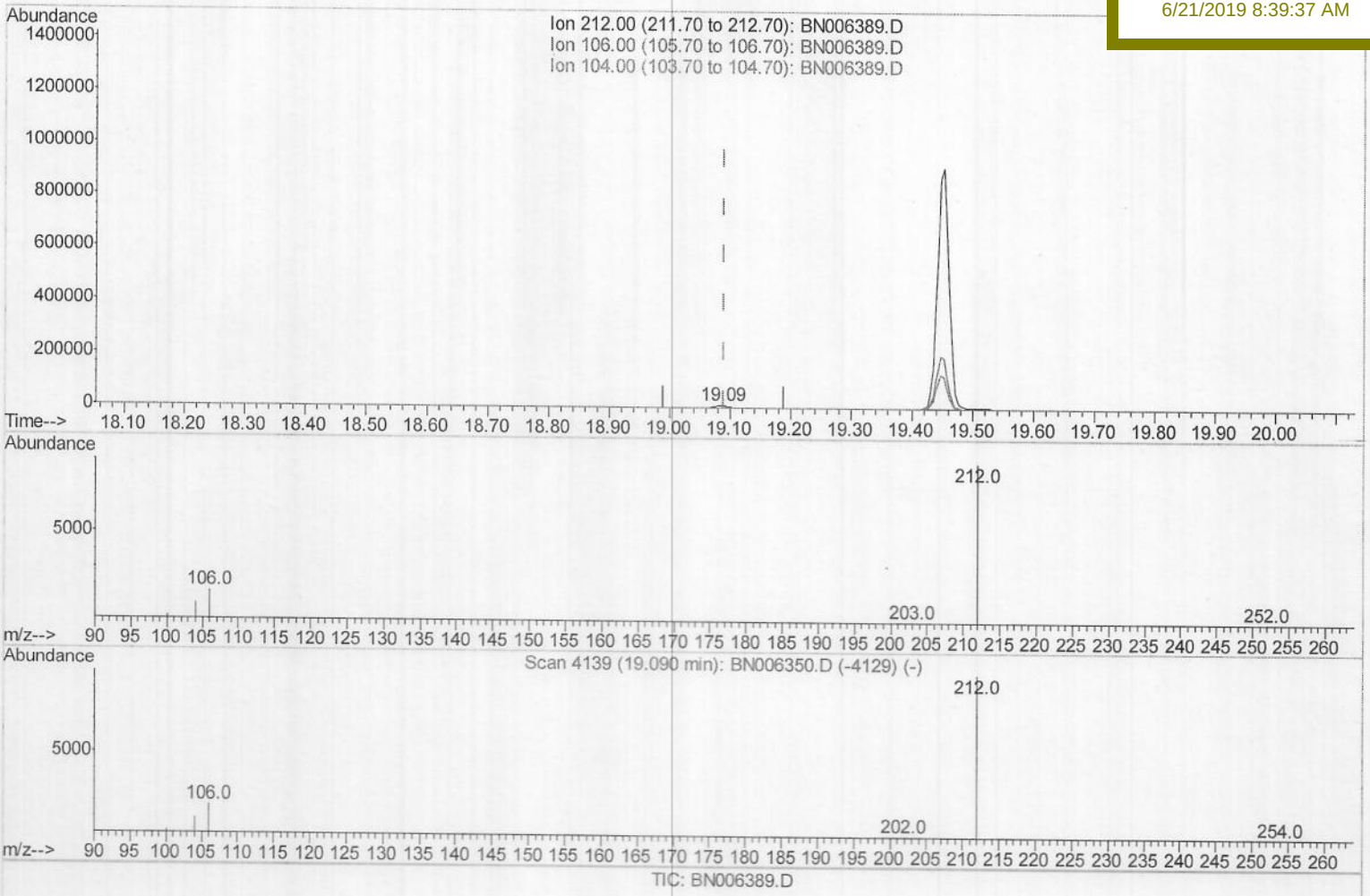
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 02:47:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



TIC: BN006389.D

(14) Fluoranthene-d10 (SURR)

19.086min (-0.005) 0.34ng/ul m > JU 06/25/19

response 13013

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

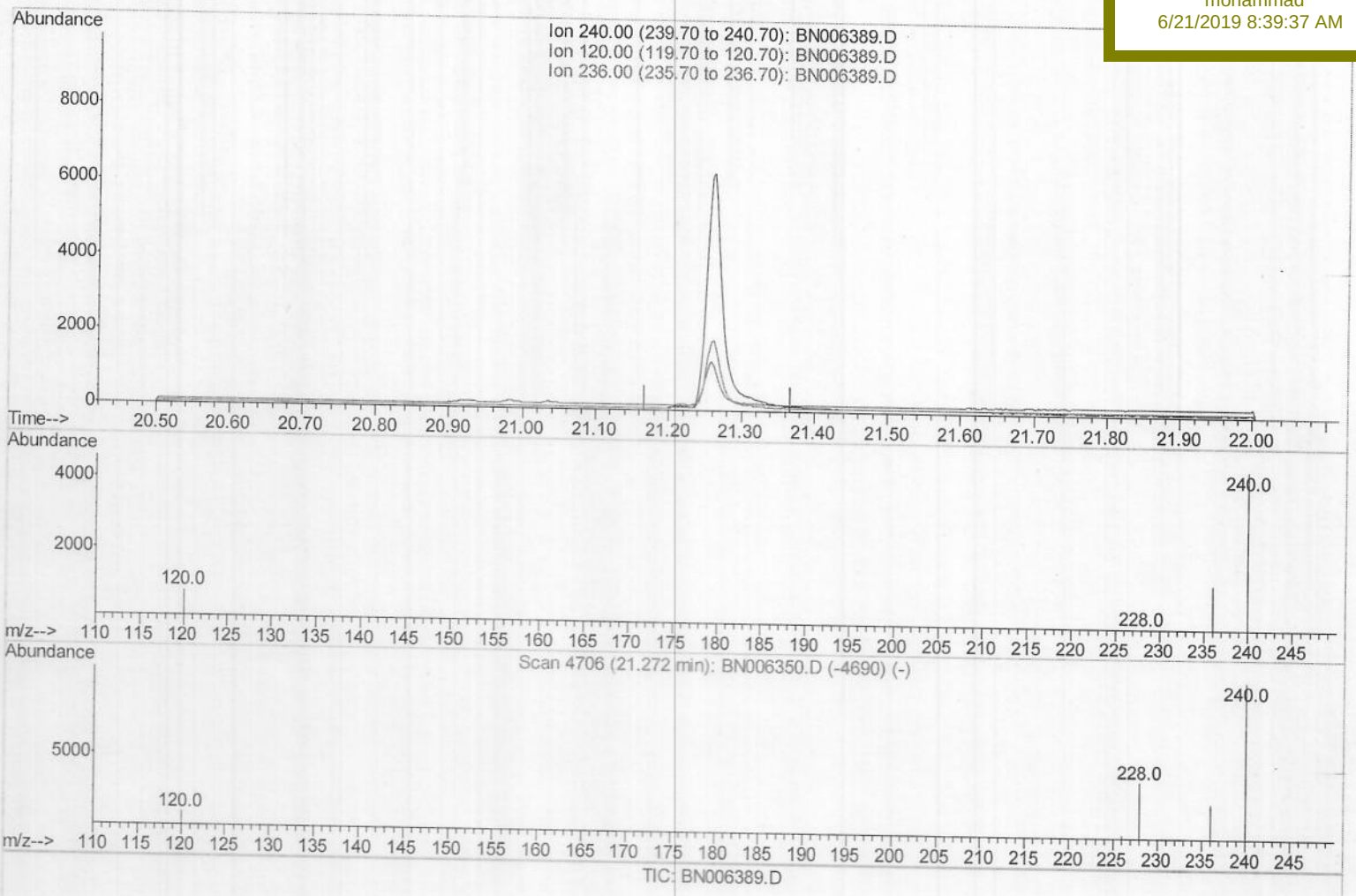
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 02:47:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



TIC: BN006389.D

(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

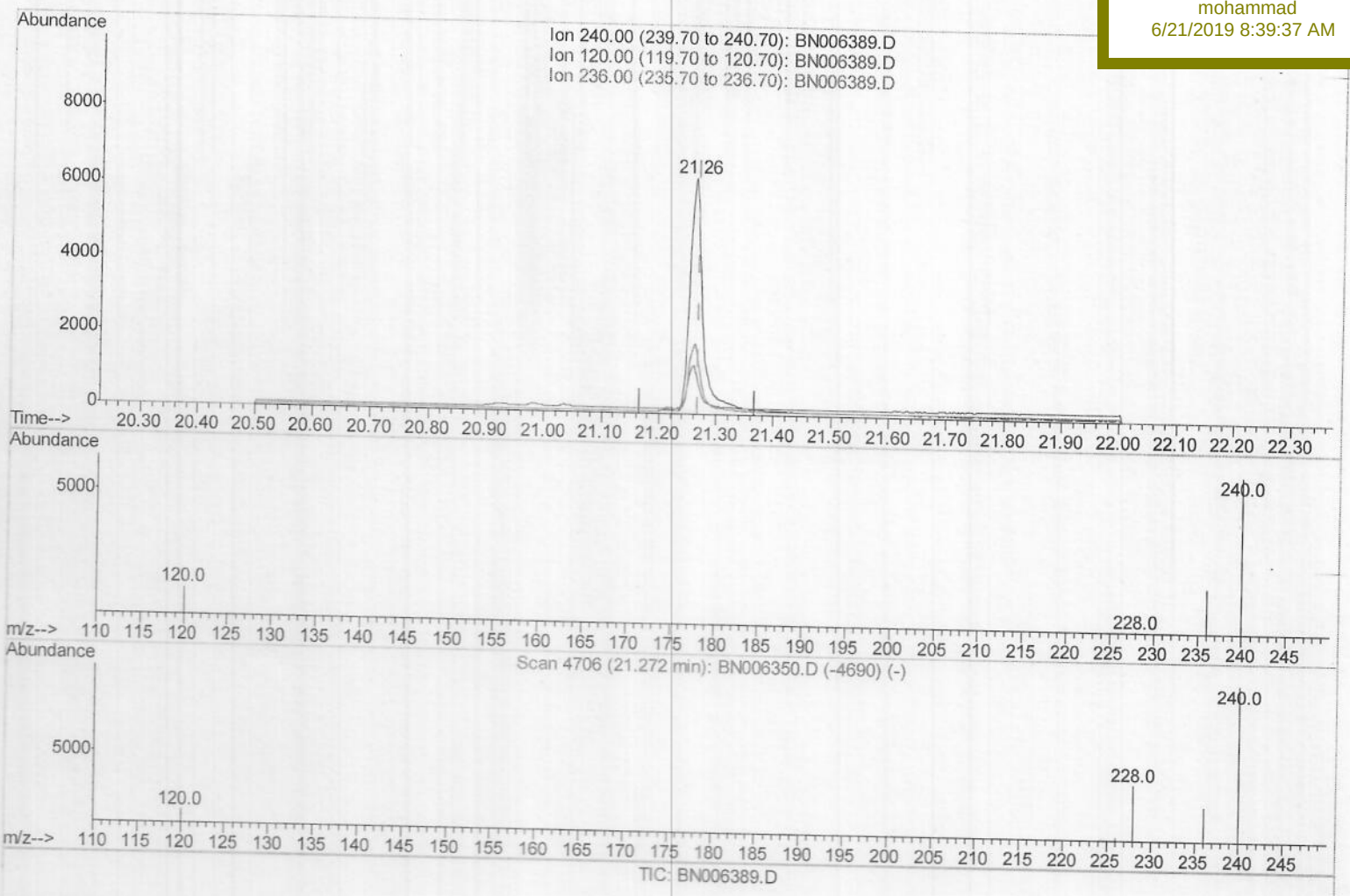
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 02:47:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



(16) Chrysene-d12 (I)

21.262min (-0.006) 0.40ng/ul m > JU 06/25/19

response 9745

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	18.46
236.00	30.10	29.46
0.00	0.00	0.00

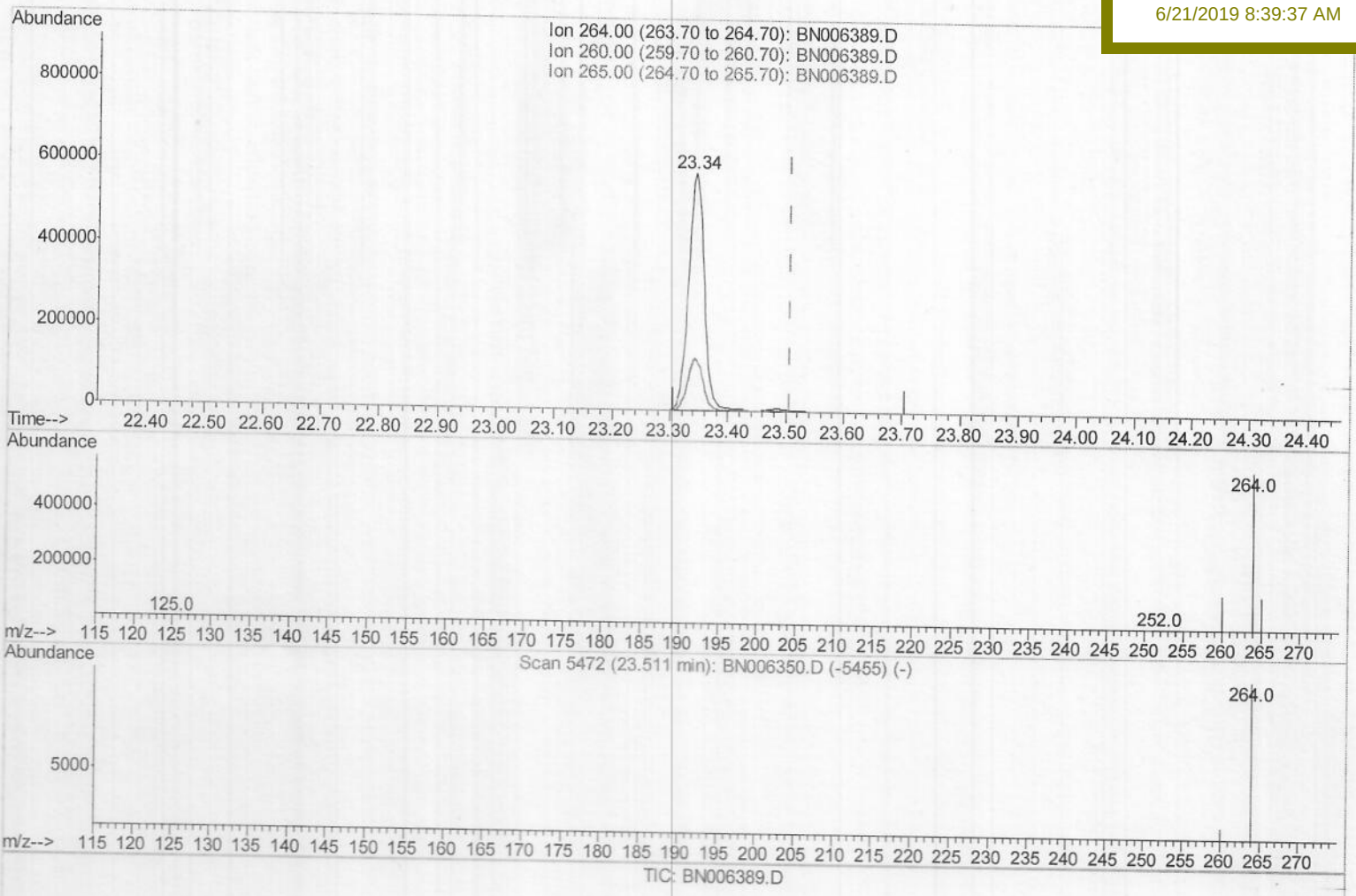
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 02:48:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM



(20) Perylene-d12 (I)

23.343min (-0.164) 0.40ng/ul

response 1077008

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.23#
265.00	44.70	21.36#
0.00	0.00	0.00

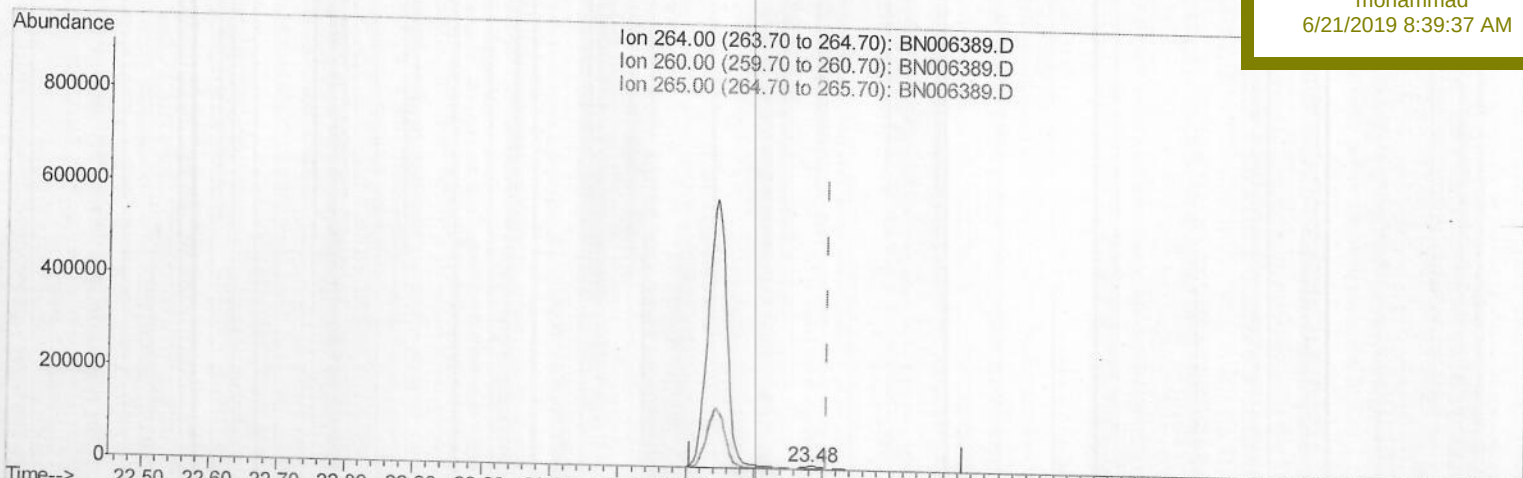
Quantitation Report (Qedit)

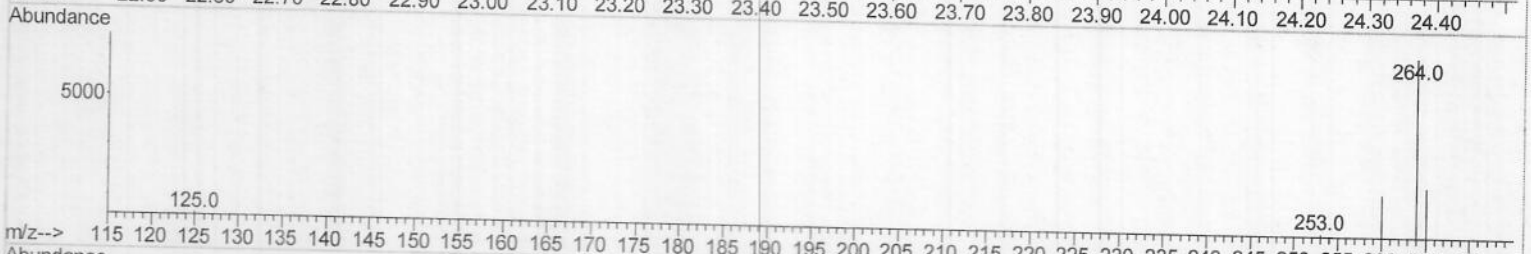
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

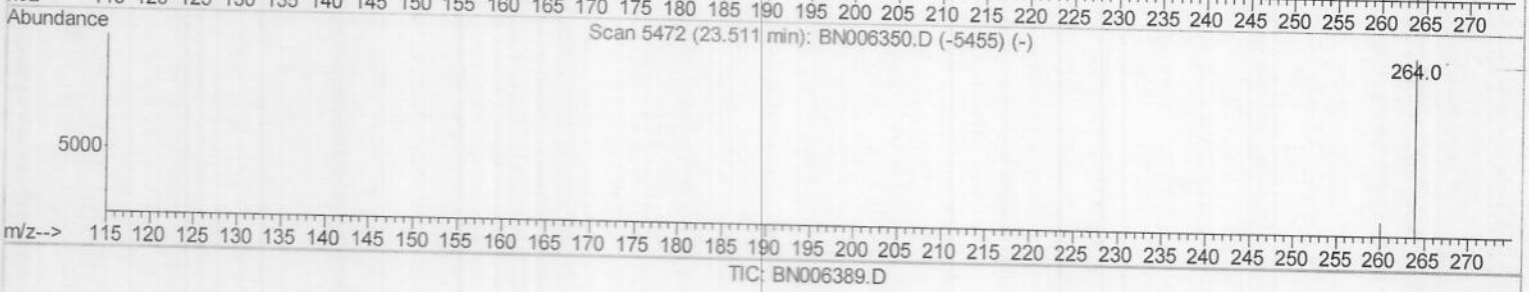
Quant Time: Jun 19 02:48:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM







(20) Perylene-d12 (I)

23.484min (-0.023) 0.40ng/ul m 7 JU 06/25/19

response 8831

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.10
265.00	44.70	30.10#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061819\
Data File : BN006389.D
Acq On : 18 Jun 2019 22:26
Operator : JU/SJ
Sample : K3335-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 19 02:49:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A4240

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4114	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15179	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8252	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	14325m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9745m	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	8831m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7326	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13013m	0.34	ng/ul	0.00
Target Compounds						Qvalue

JU 06/25/19

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