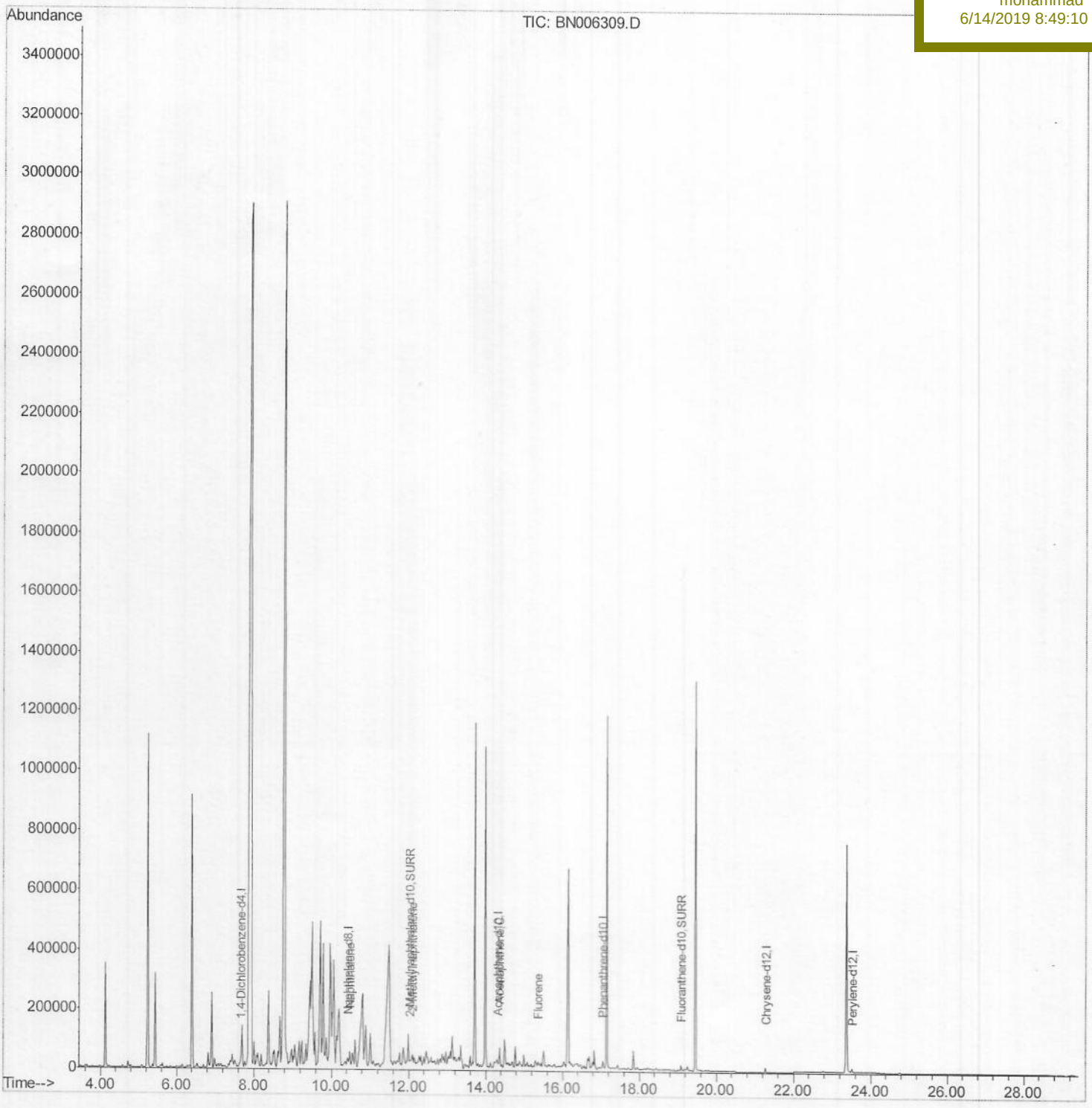
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:18:09 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



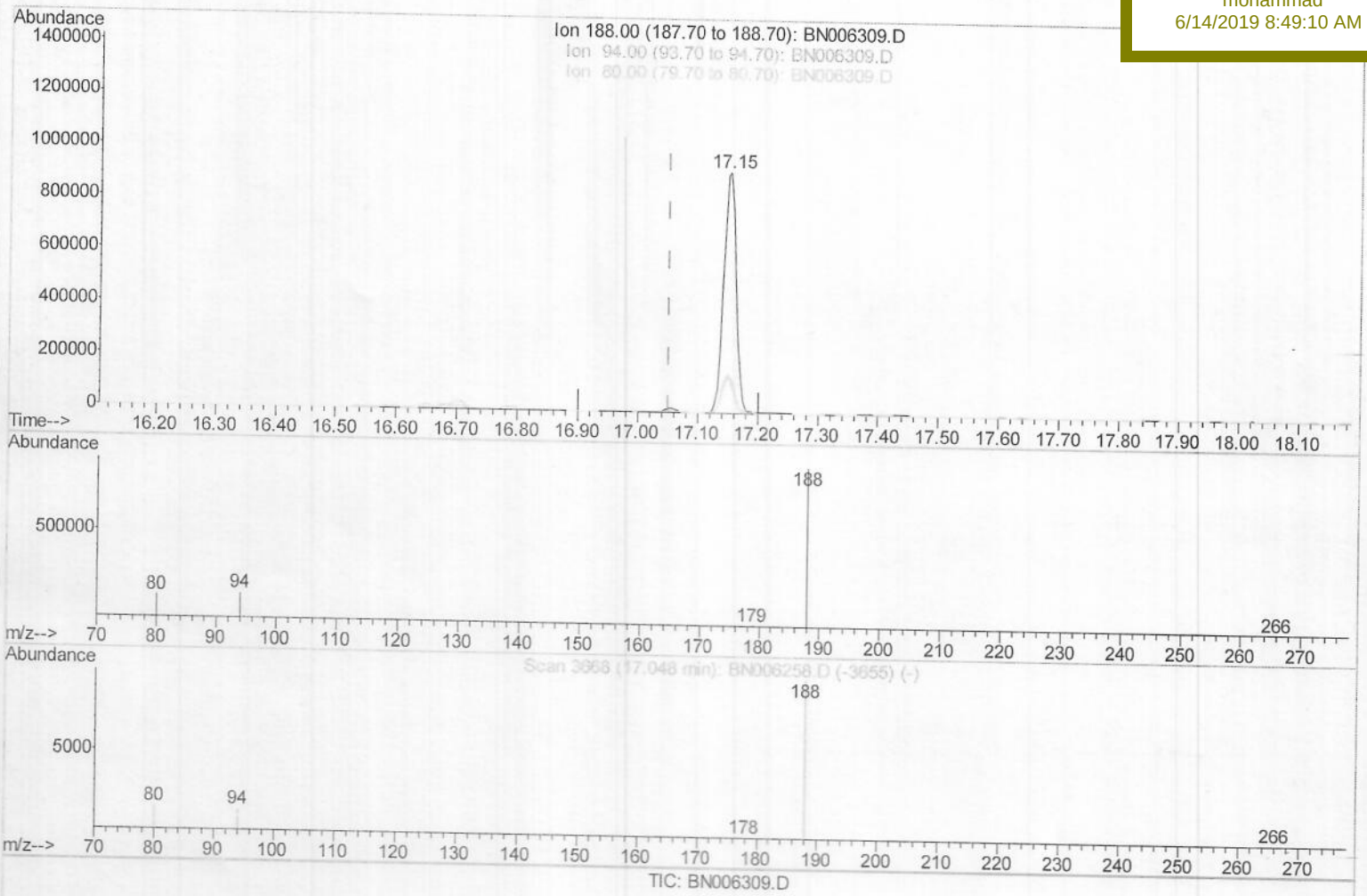
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:13:55 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



TIC: BN006309.D

(10) Phenanthrene-d10 (I)

17.154min (+0.101) 0.40ng/ul

response 1302021

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.19
80.00	13.60	13.67
0.00	0.00	0.00

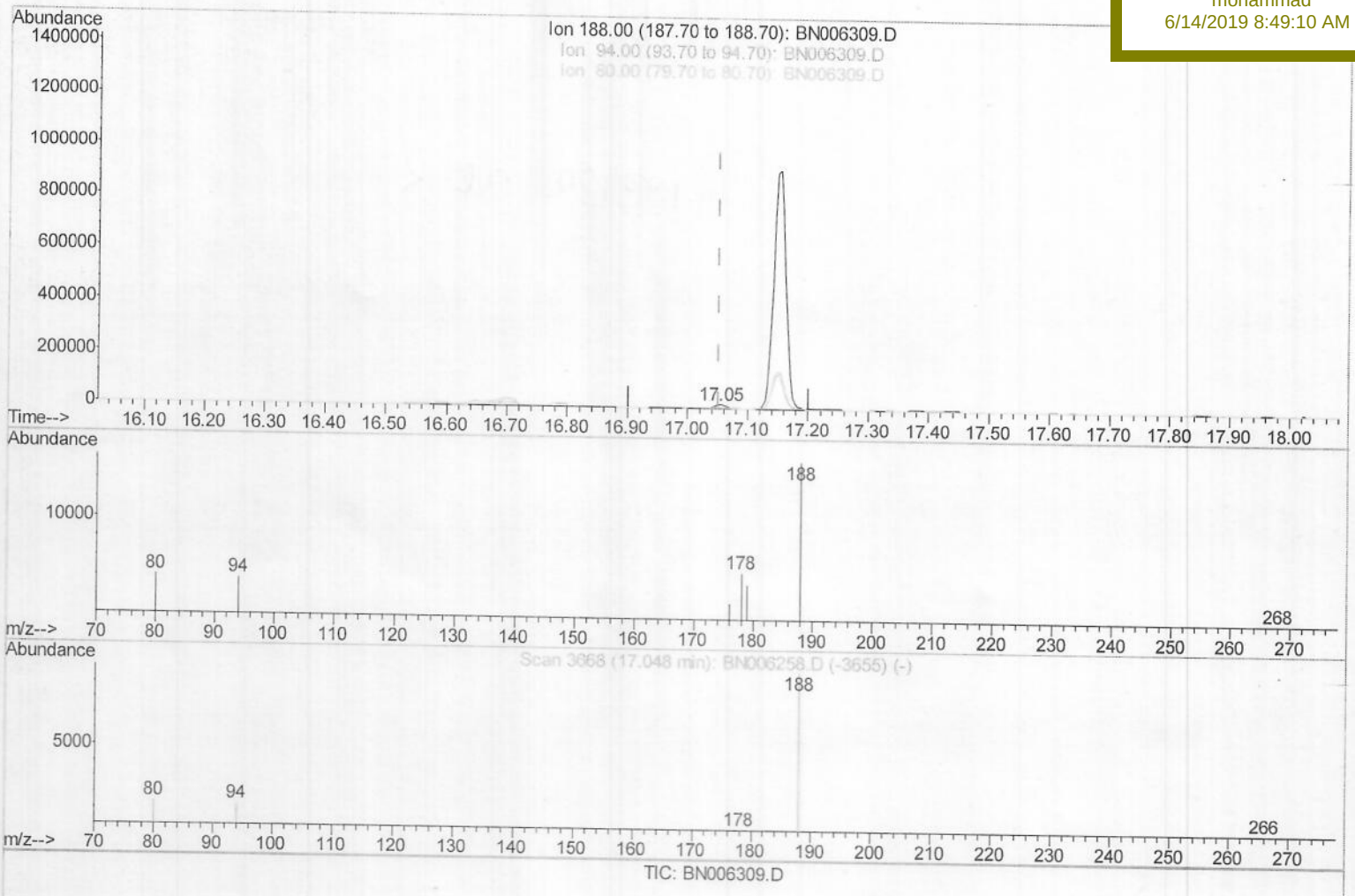
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:13:55 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



TIC: BN006309.D

(10) Phenanthrene-d10 (I)

17.052min (-0.000) 0.40ng/ul m JU 06/20/19

response 24646

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	23.22#
80.00	13.60	25.05#
0.00	0.00	0.00

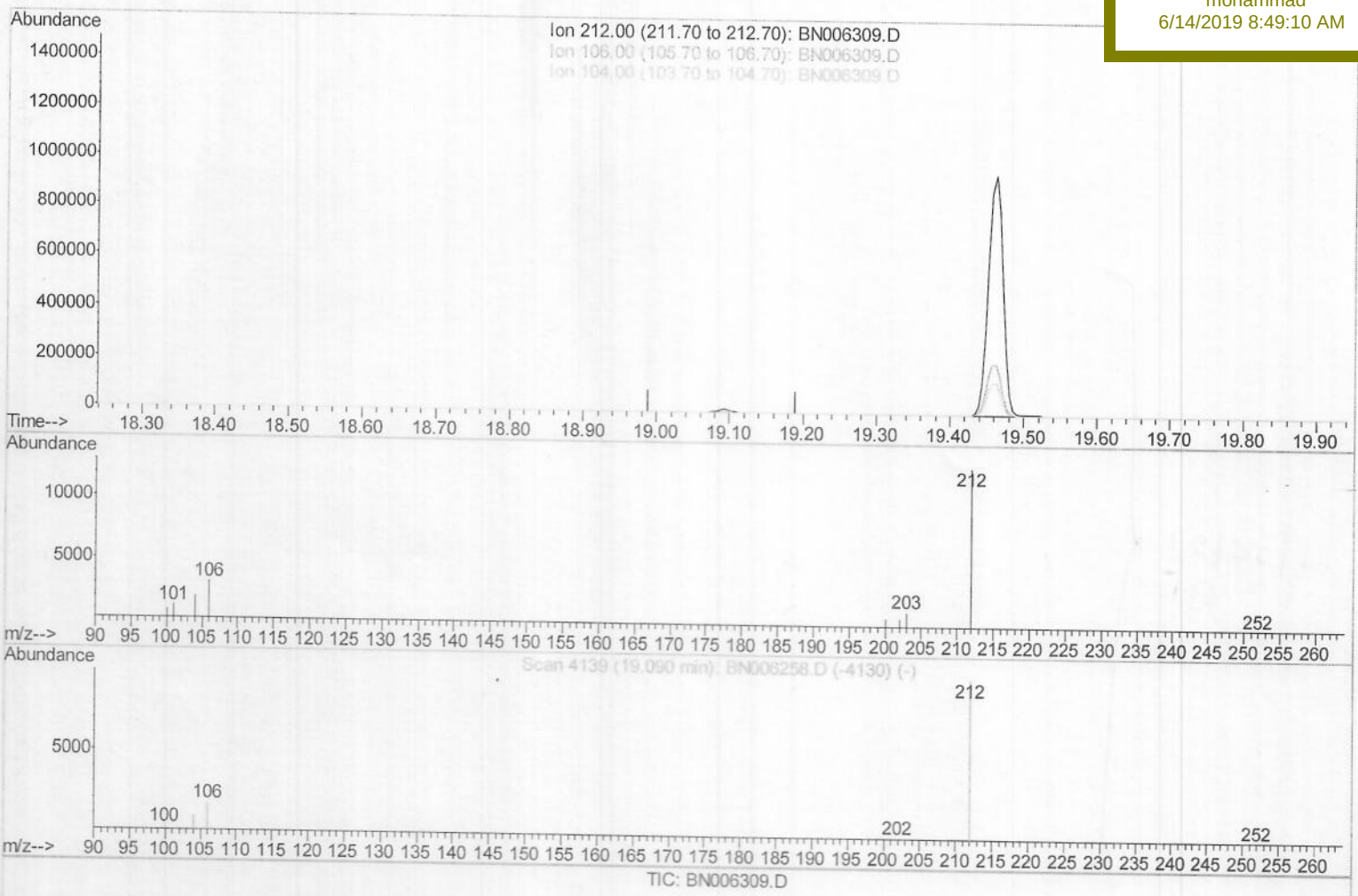
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:15:39 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



TIC: BN006309.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

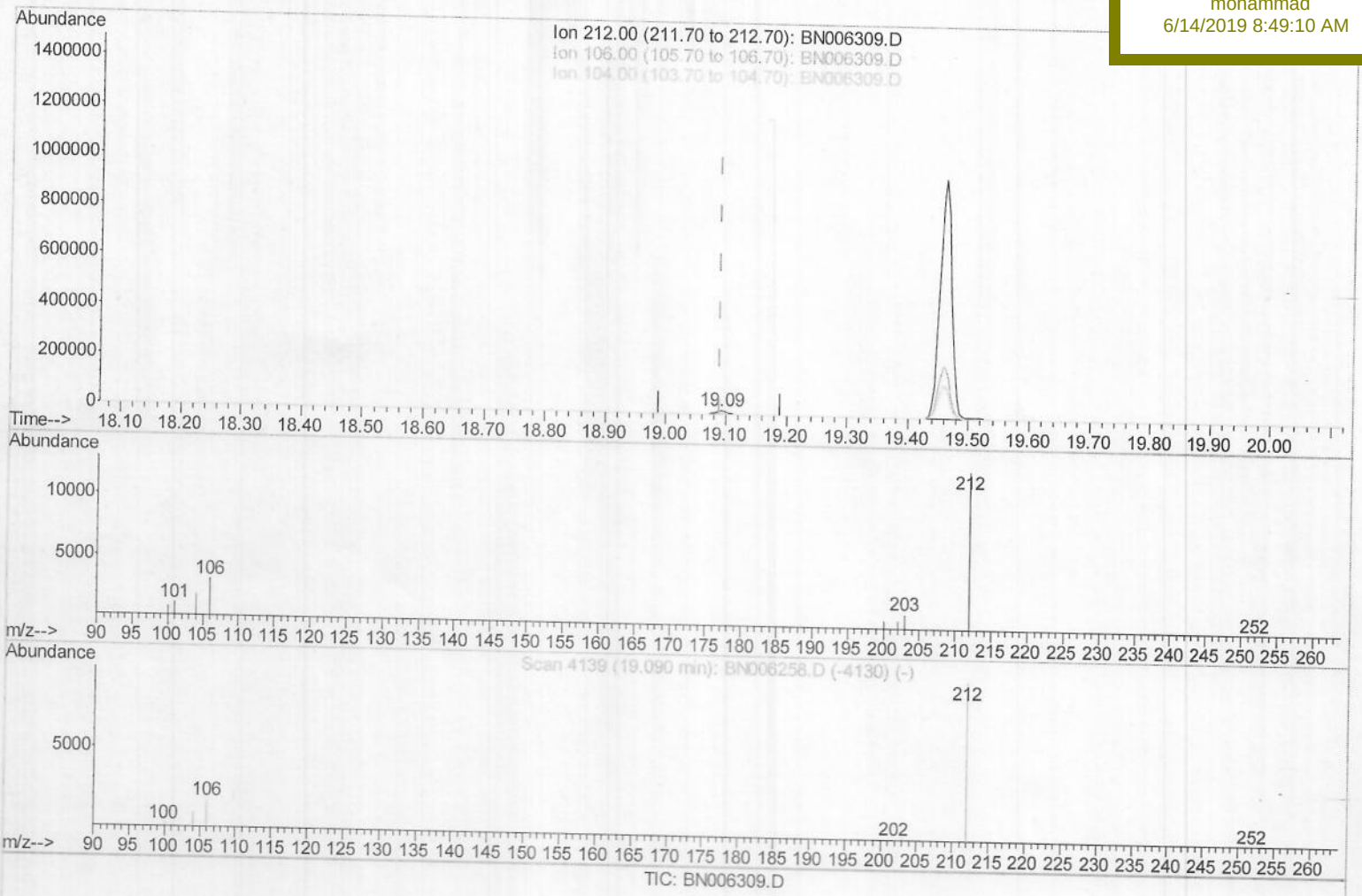
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:15:39 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



TIC: BN006309.D

(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.27ng/ul m > JU 06/20/19

response 18056

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

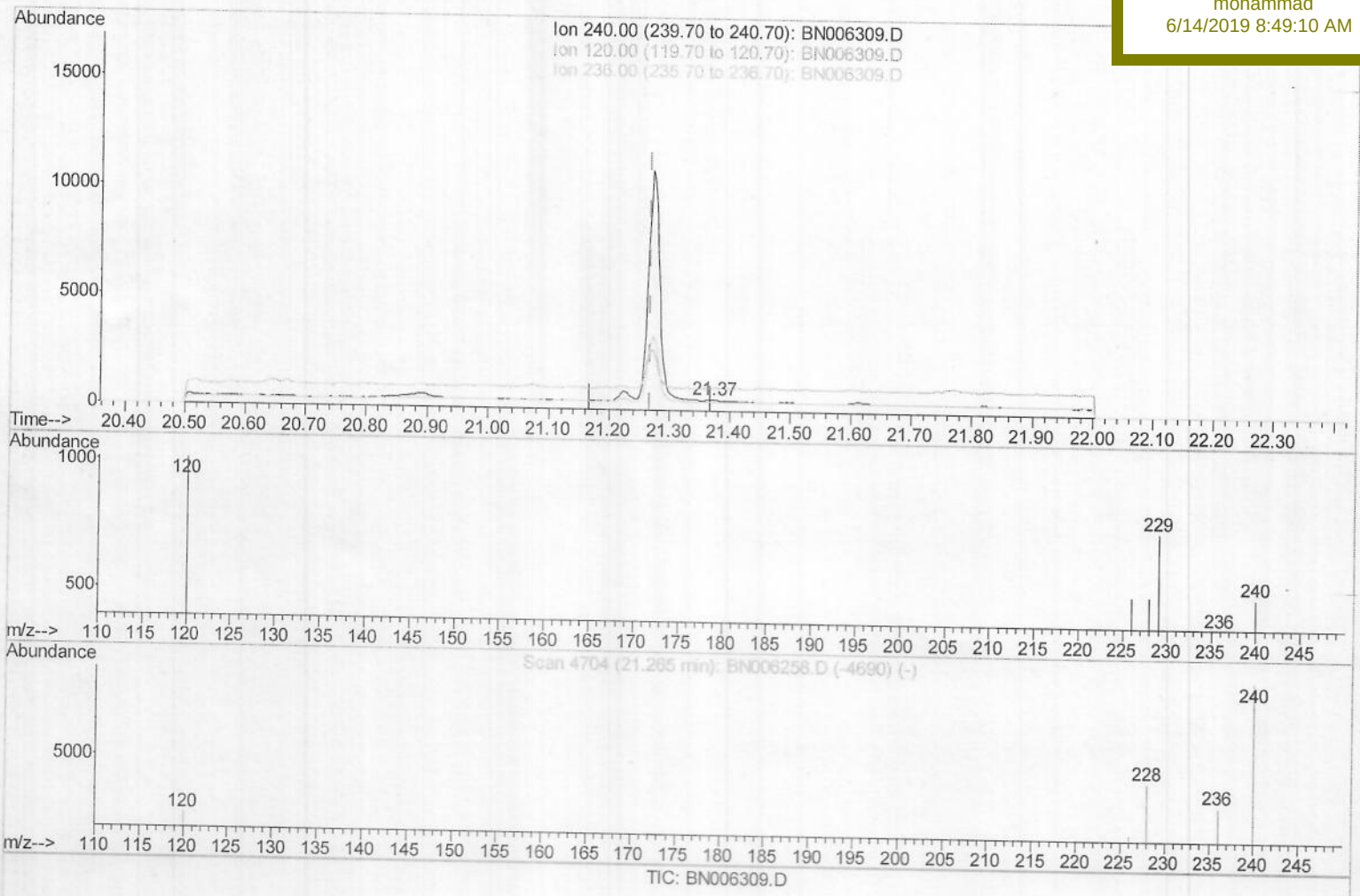
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:15:39 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



(16) Chrysene-d12 (I)

21.370min (+0.102) 0.40ng/ul

response 149

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	197.26#
236.00	30.10	76.71#
0.00	0.00	0.00

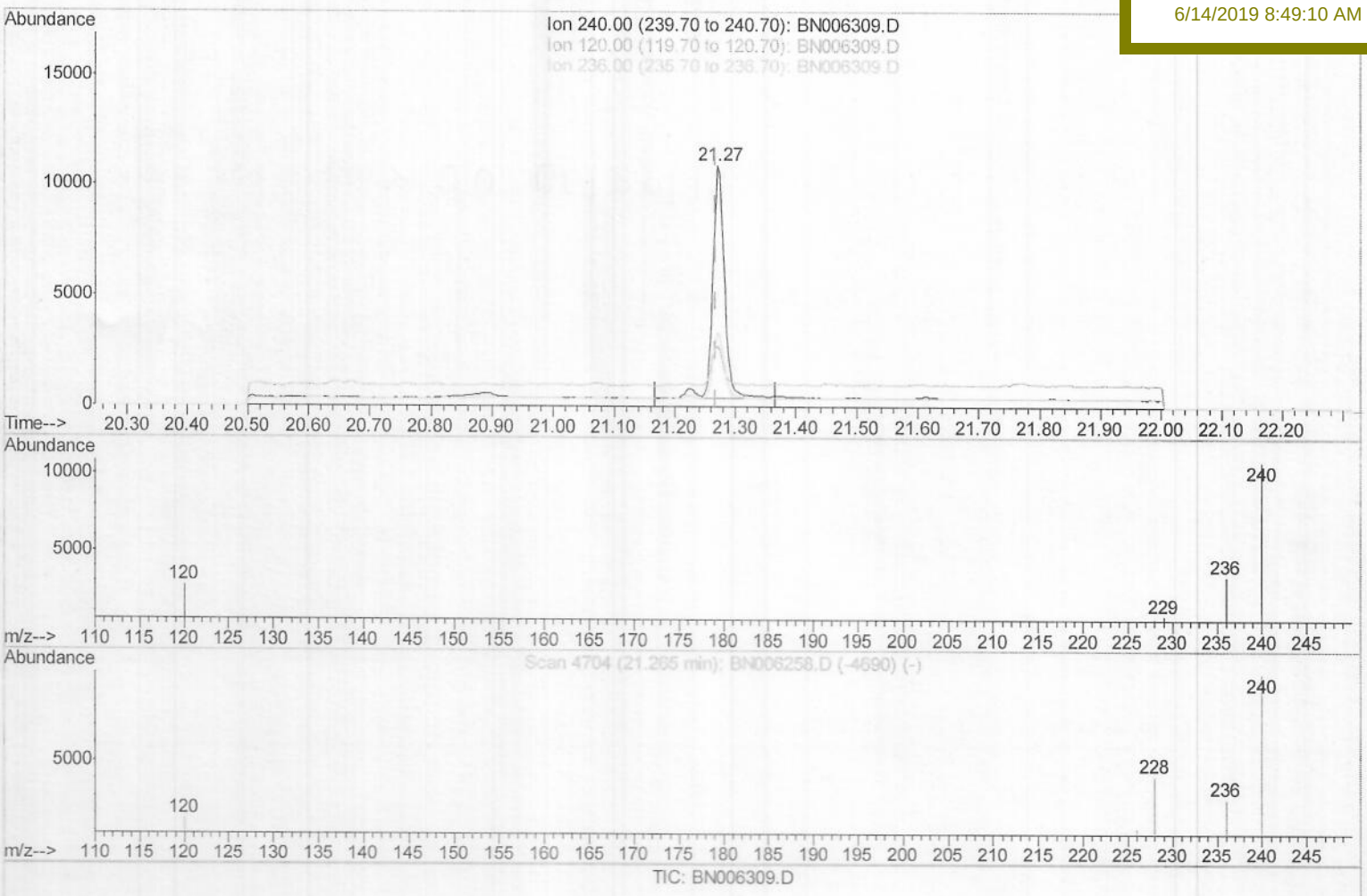
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:15:39 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



(16) Chrysene-d12 (I)

21.271min (+0.003) 0.40ng/ul m > JU 06/20/19

response 13523

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	25.23#
236.00	30.10	30.84
0.00	0.00	0.00

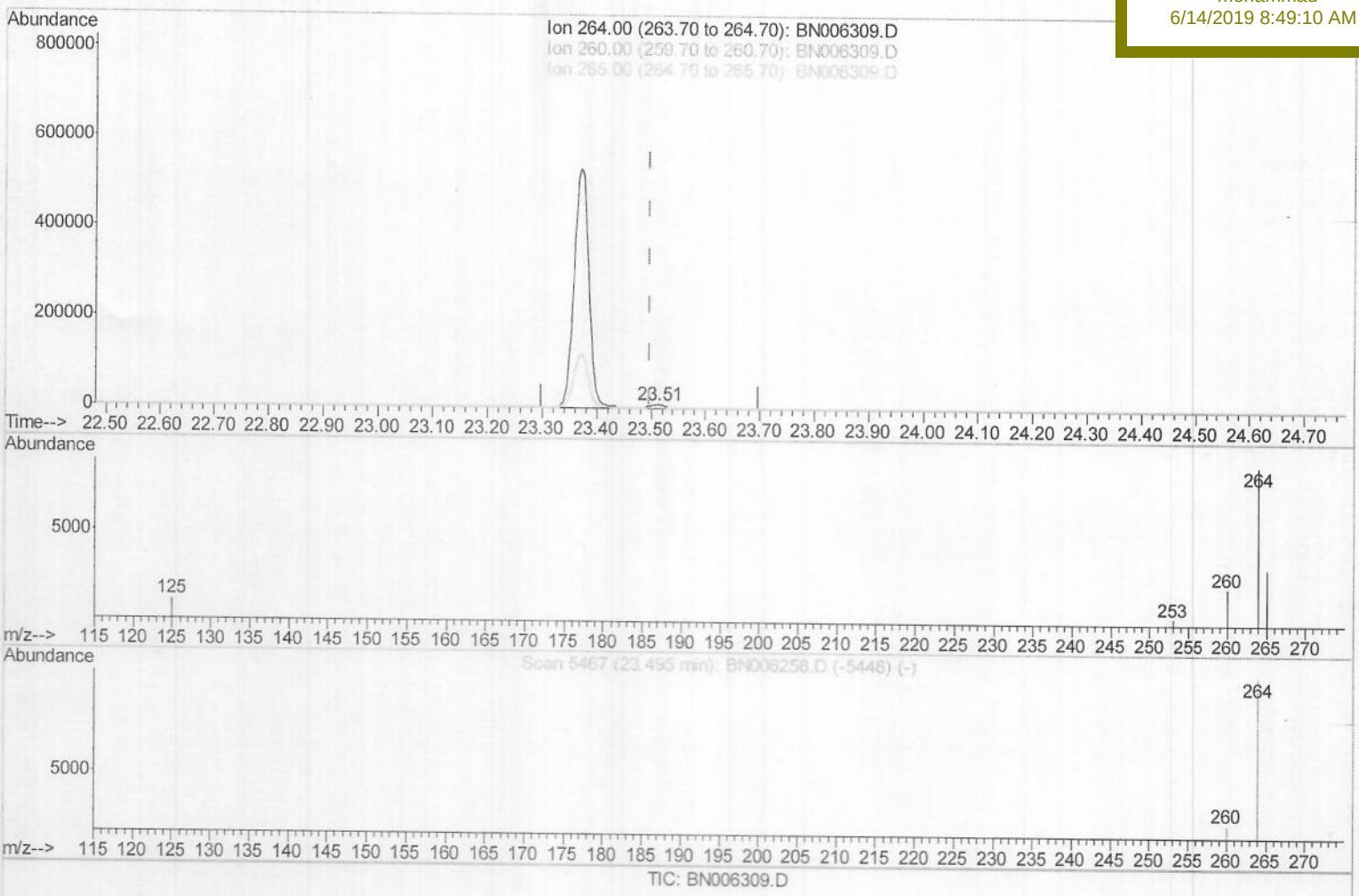
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:16:52 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



(20) Perylene-d12 (I)

23.513min (+0.015) 0.40ng/ul

response 19811

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.38
265.00	44.70	39.31
0.00	0.00	0.00

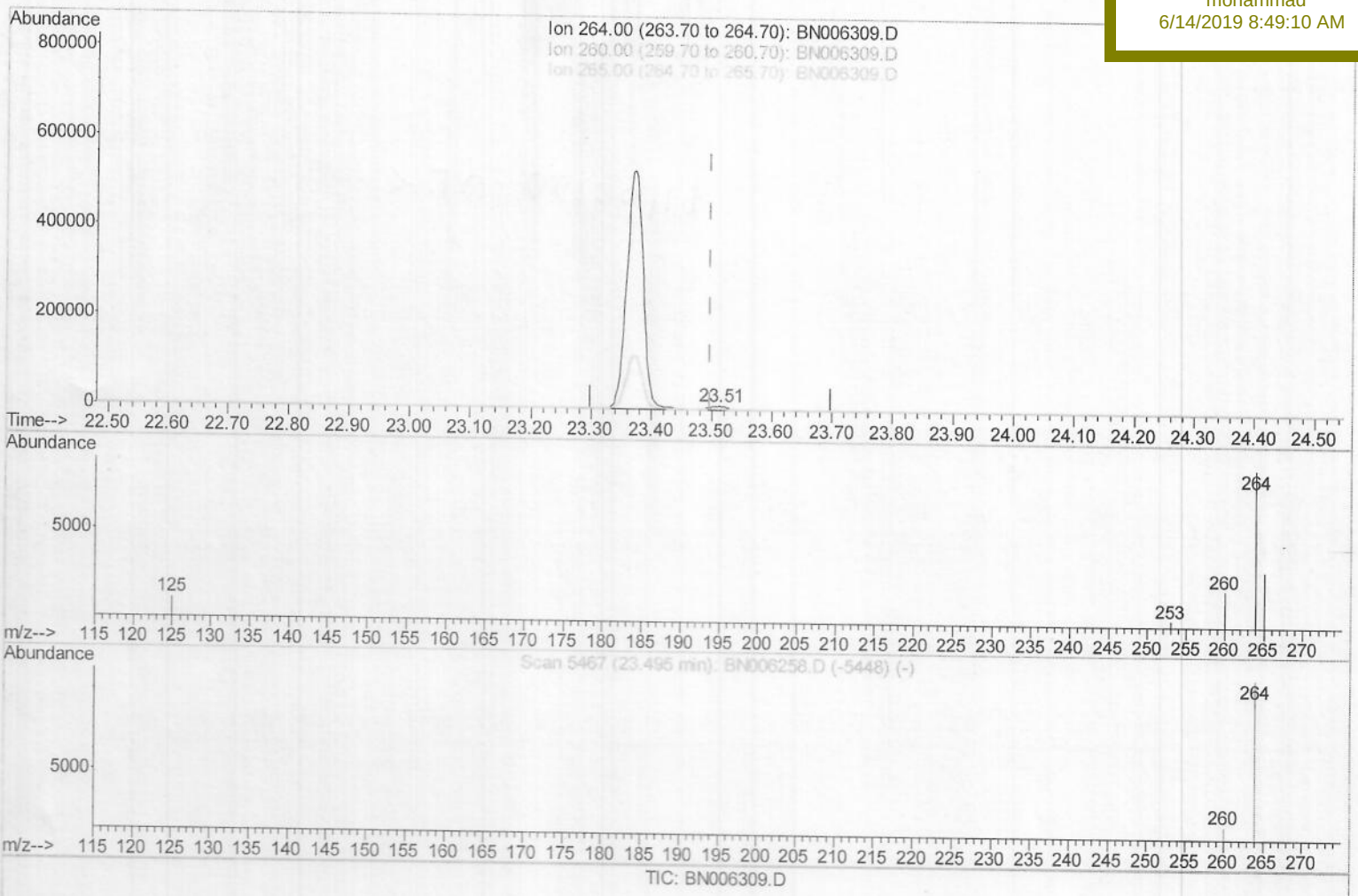
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
Operator : JU/SJ
Sample : K3213-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 13 16:16:52 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 : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J9

Manual Integrations APPROVED
mohammad
6/14/2019 8:49:10 AM



(20) Perylene-d12 (I)

23.513min (+0.015) 0.40ng/ul m JU 06/20/19

response 12322

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.38
265.00	44.70	39.31
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061319\
Data File : BN006309.D
Acq On : 13 Jun 2019 14:01
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Misc :
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QLast Update : Thu Jun 13 11:20:30 2019
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Instrument : BNA_N
ClientSampleId : DB8J9

Manual Integrations APPROVED
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6/14/2019 8:49:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5091	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	22275	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	15685	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	24646m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13523m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	12322m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	12630	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	18056m	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	53267	0.867	ng/ul#	94
5) 2-Methylnaphthalene	12.09	142	17512	0.409	ng/ul#	1
8) Acenaphthene	14.36	153	4564	0.075	ng/ul#	57
9) Fluorene	15.35	166	7800	0.110	ng/ul#	80

JU 06/20/19

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