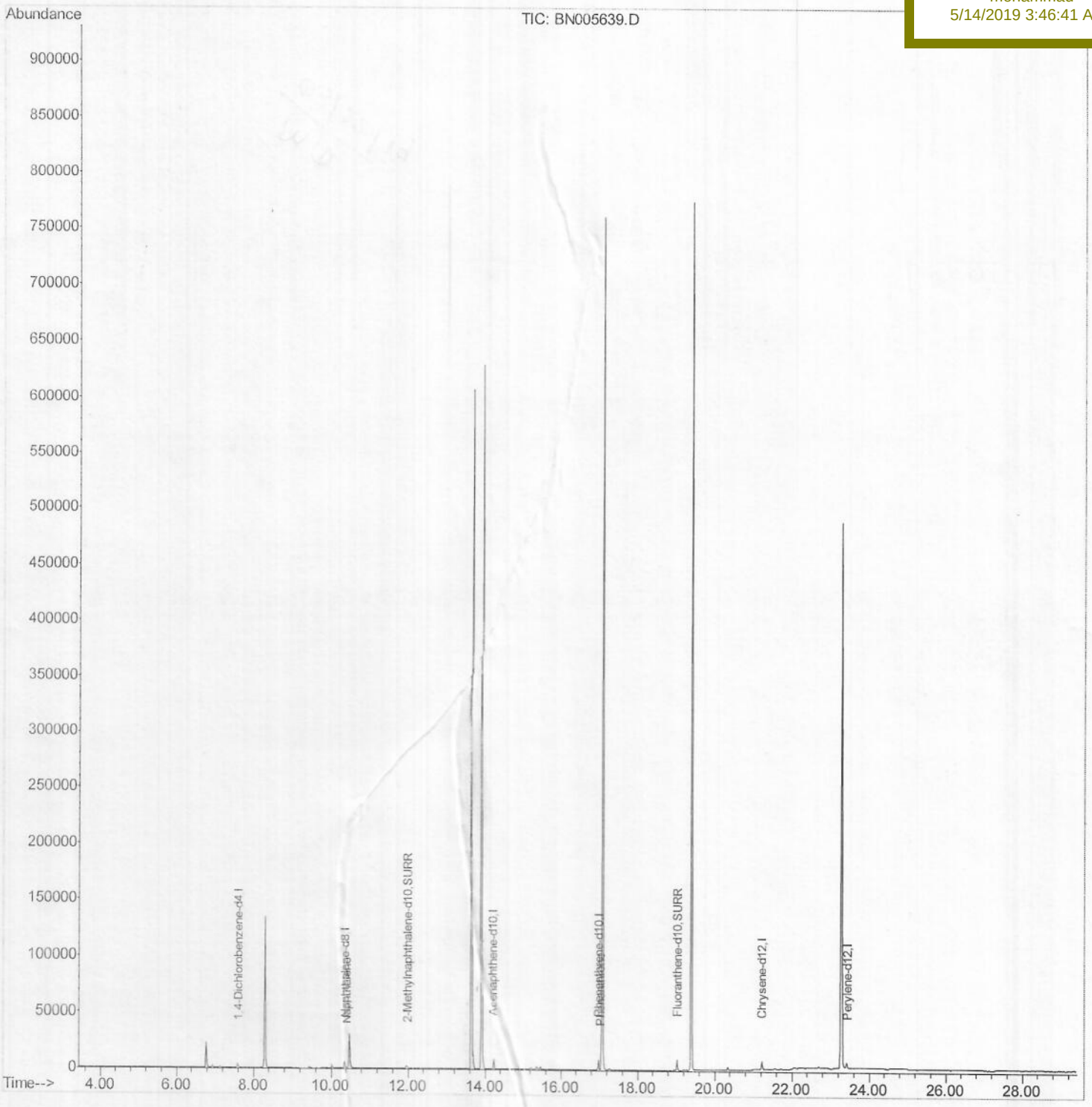
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:39:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



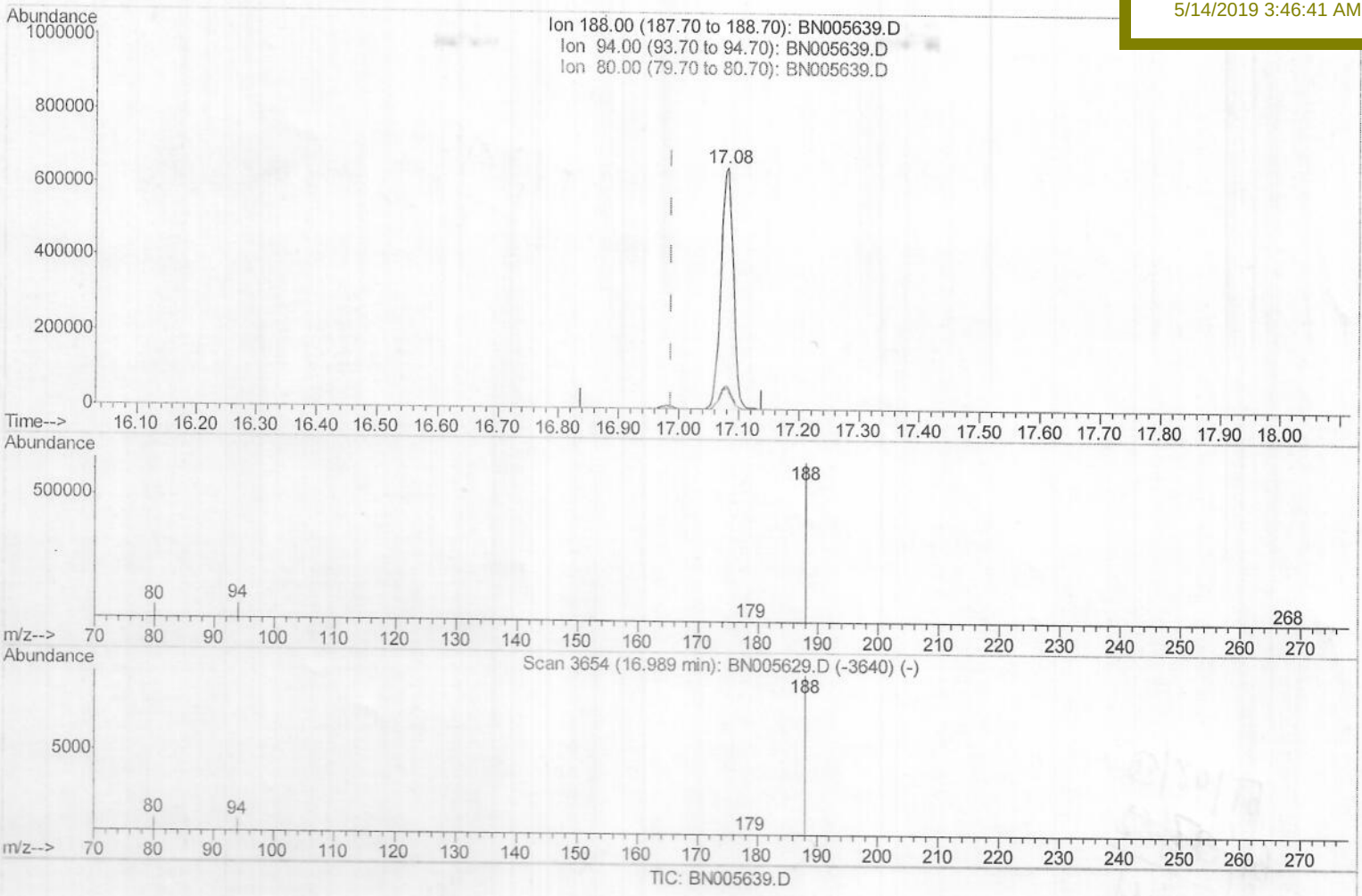
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 00:40:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



TIC: BN005639.D

(10) Phenanthrene-d10 (I)

17.082min (+0.093) 0.40ng/ul

response 926259

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.00
80.00	9.80	8.08
0.00	0.00	0.00

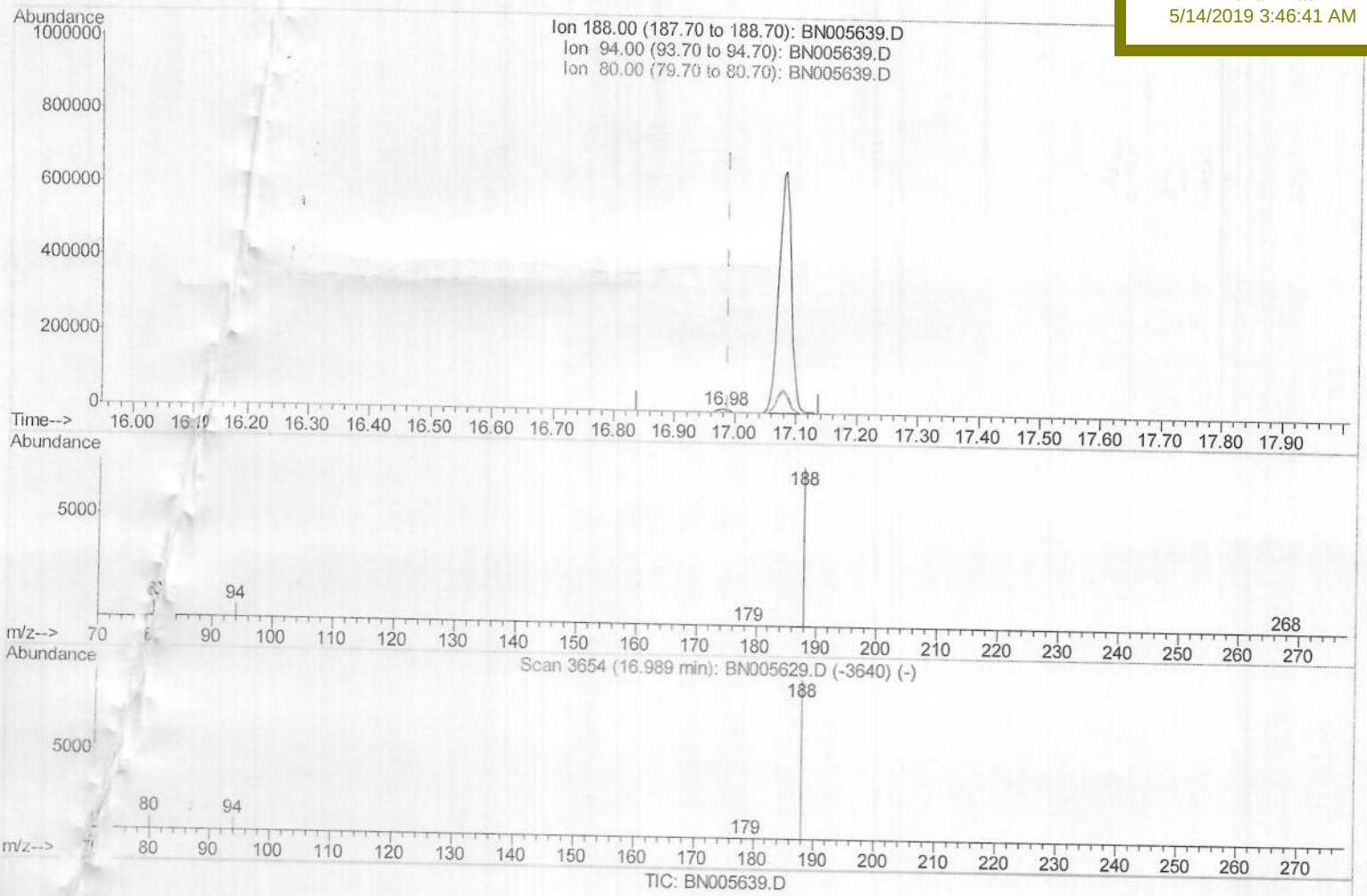
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 00:40:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



TIC: BN005639.D

(10) Phenanthrene-d10 (I)

16.980min (-0.009) 0.40ng/ul m JU05/14/19

response 10941

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.51
80.00	9.80	9.79
0.00	0.00	0.00

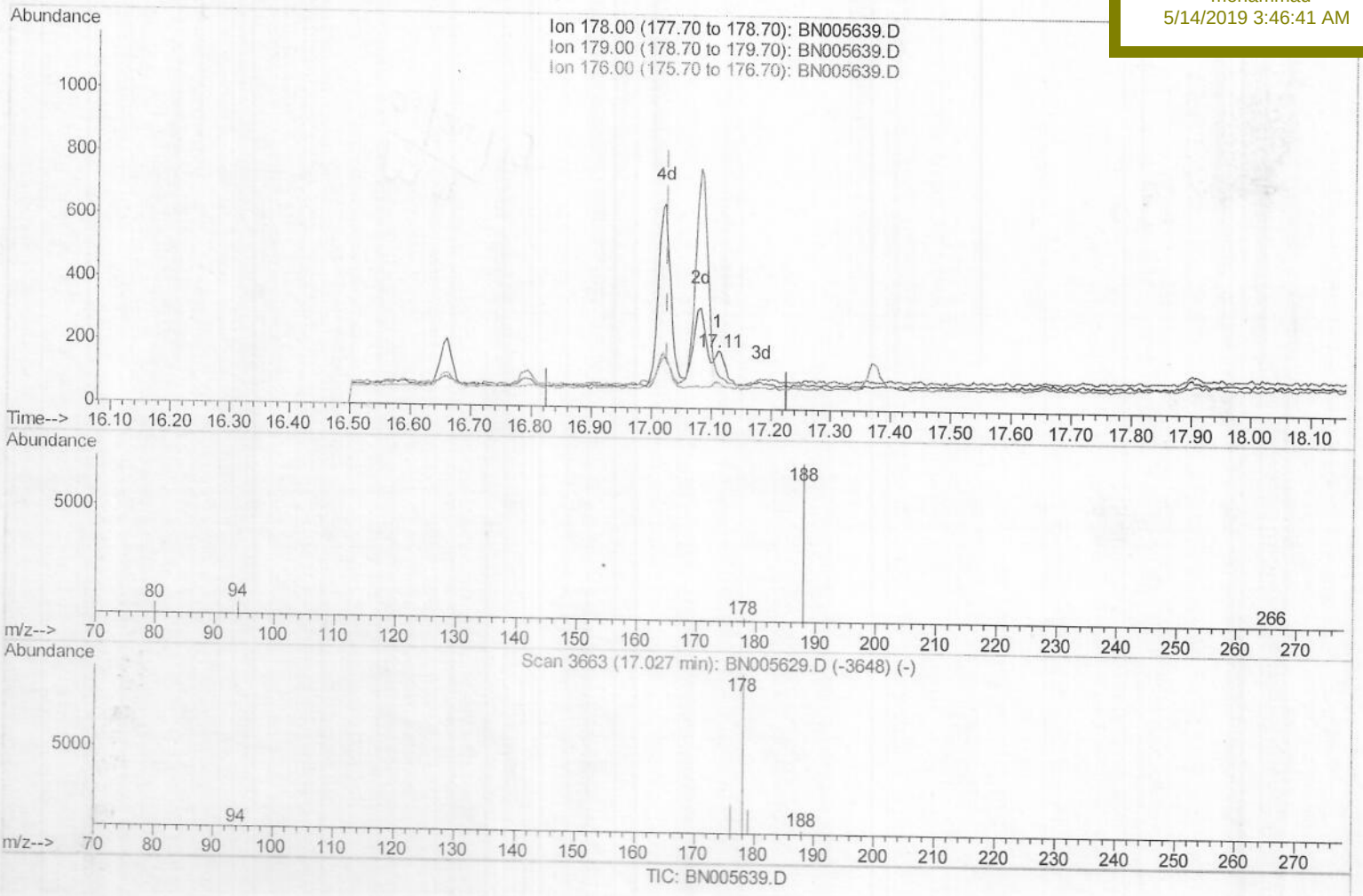
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:56:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



TIC: BN005639.D

(12) Phenanthrene

17.111min (+0.084) 0.00ng/ul

response 145

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	59.89#
176.00	19.10	45.05#
0.00	0.00	0.00

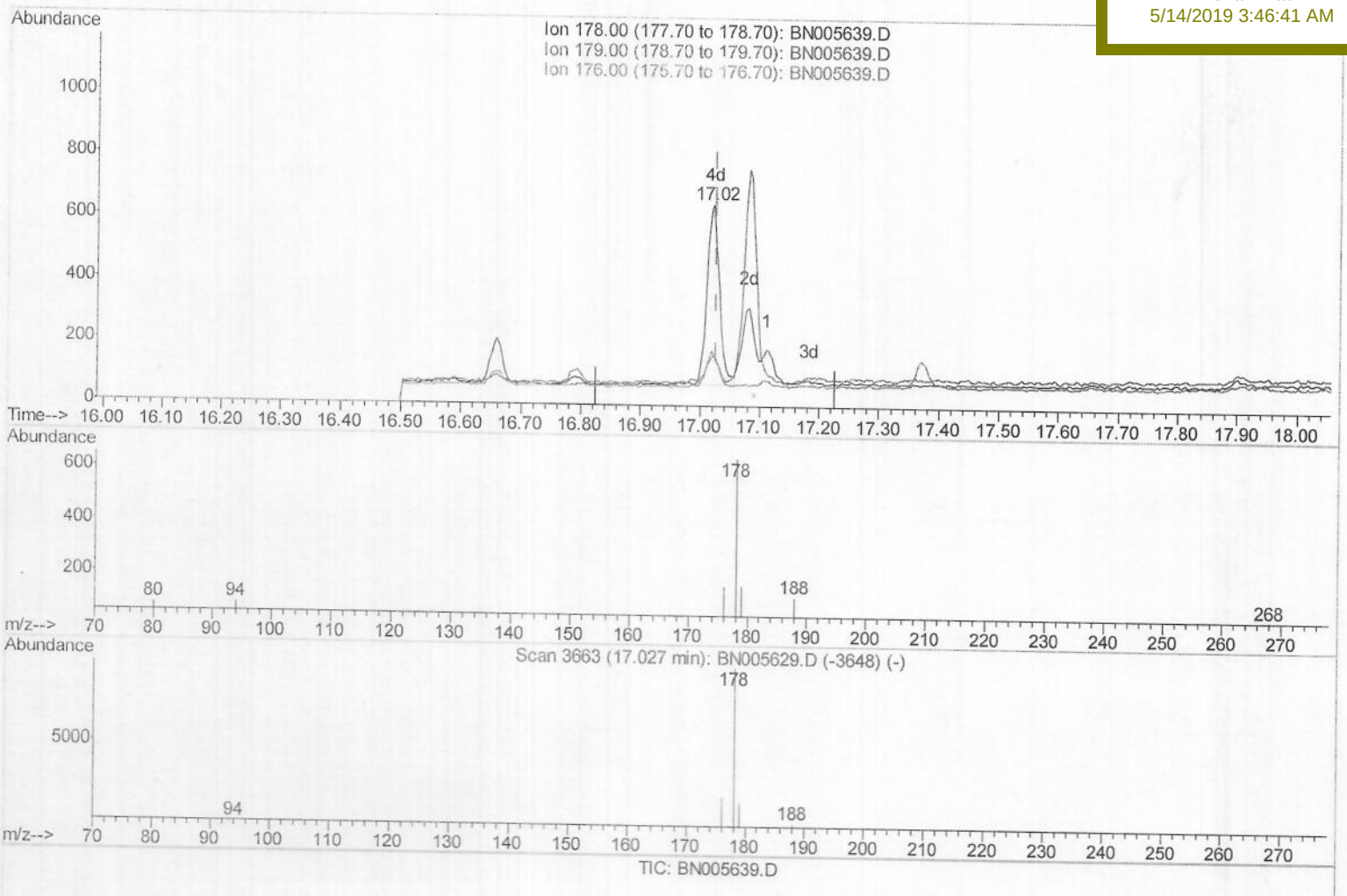
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:56:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



(12) Phenanthrene

17.023min (-0.004) 0.03ng/ul m) JU05/14/19

response 842

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	25.27#
176.00	19.10	25.42#
0.00	0.00	0.00

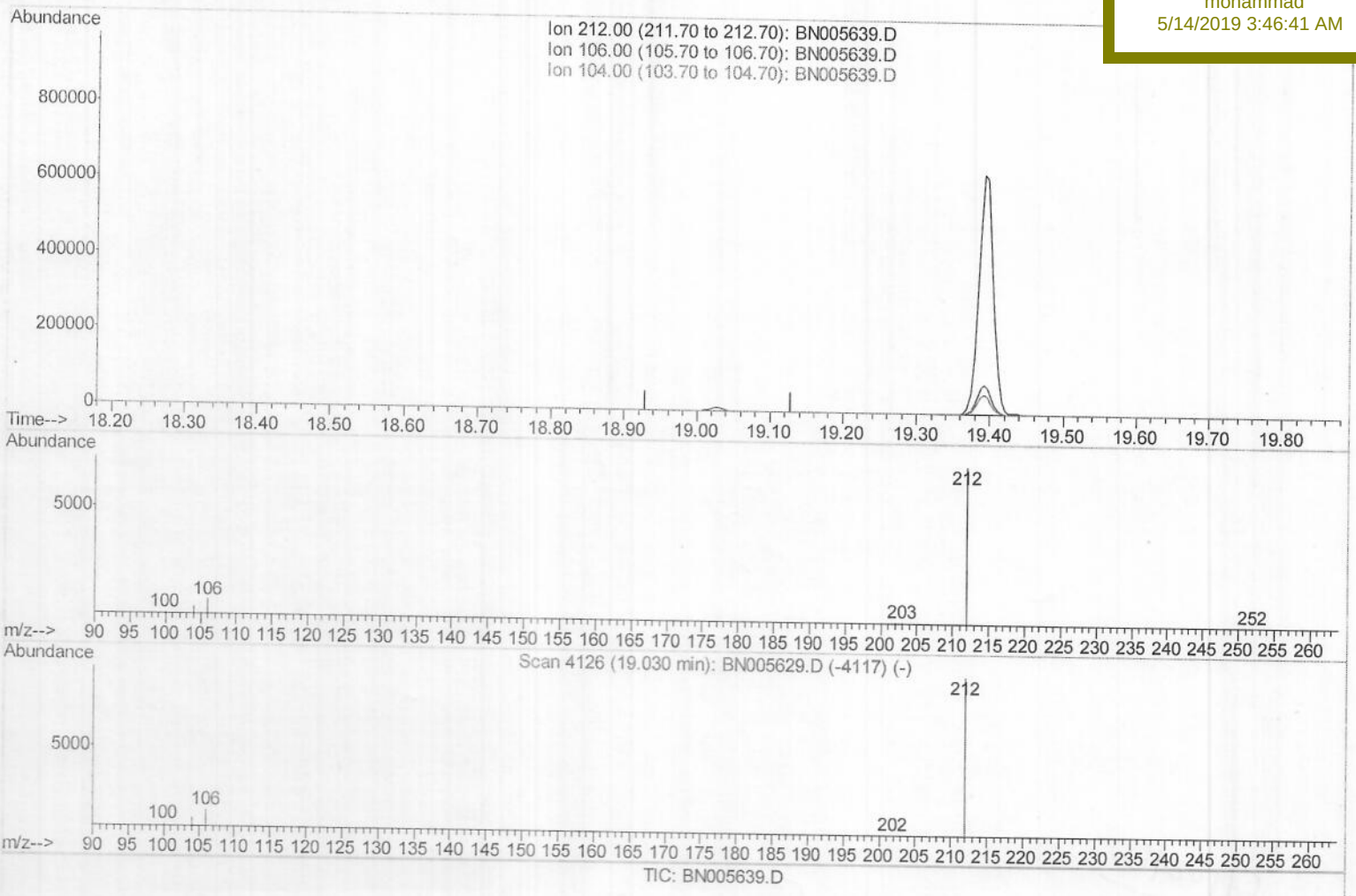
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:56:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



(14) Fluoranthene-d10 (SURR)

19.030min (-19.030) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

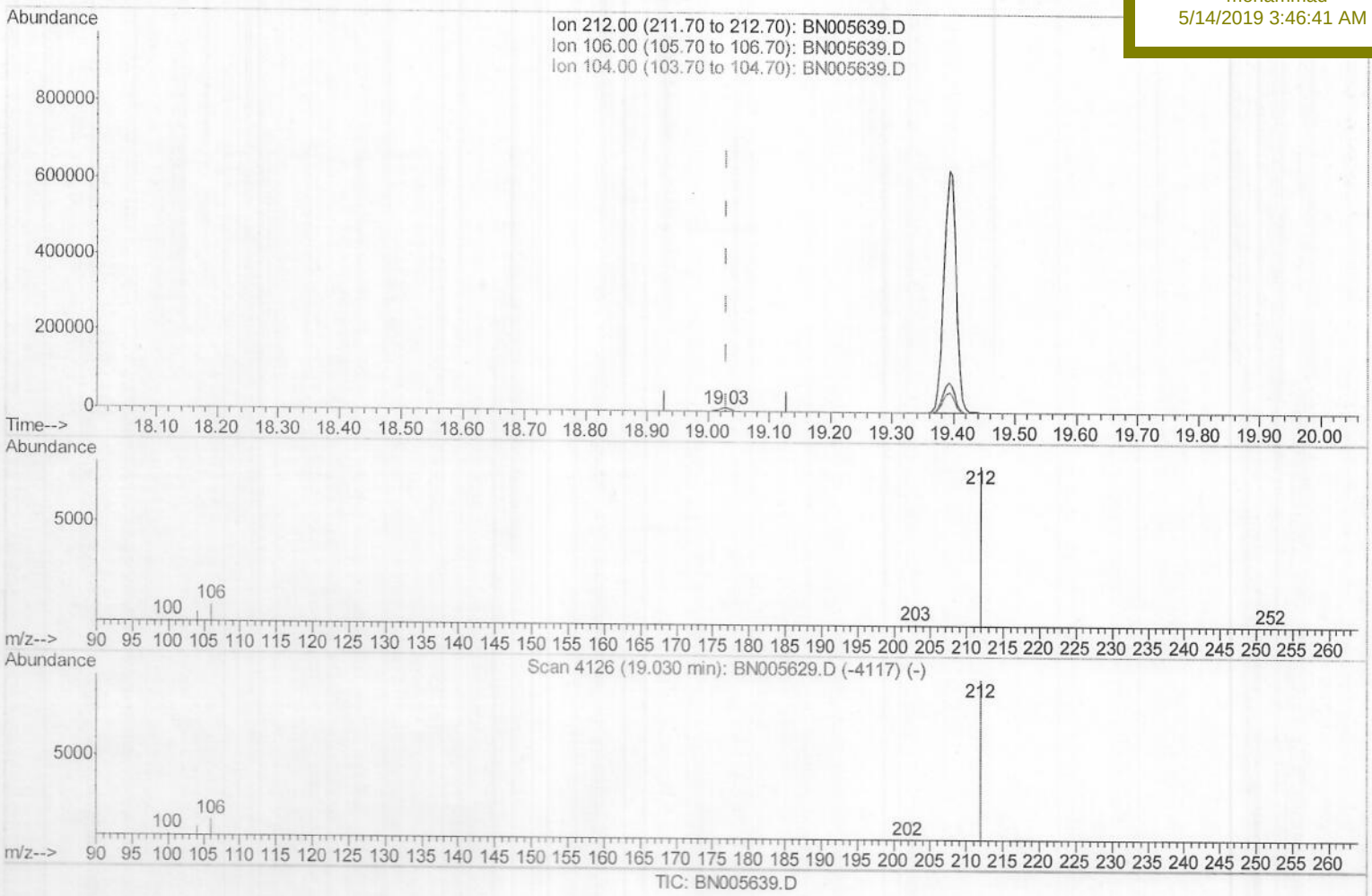
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:56:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.005) 0.32ng/ul m SJU 05/14/19

response 11024

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

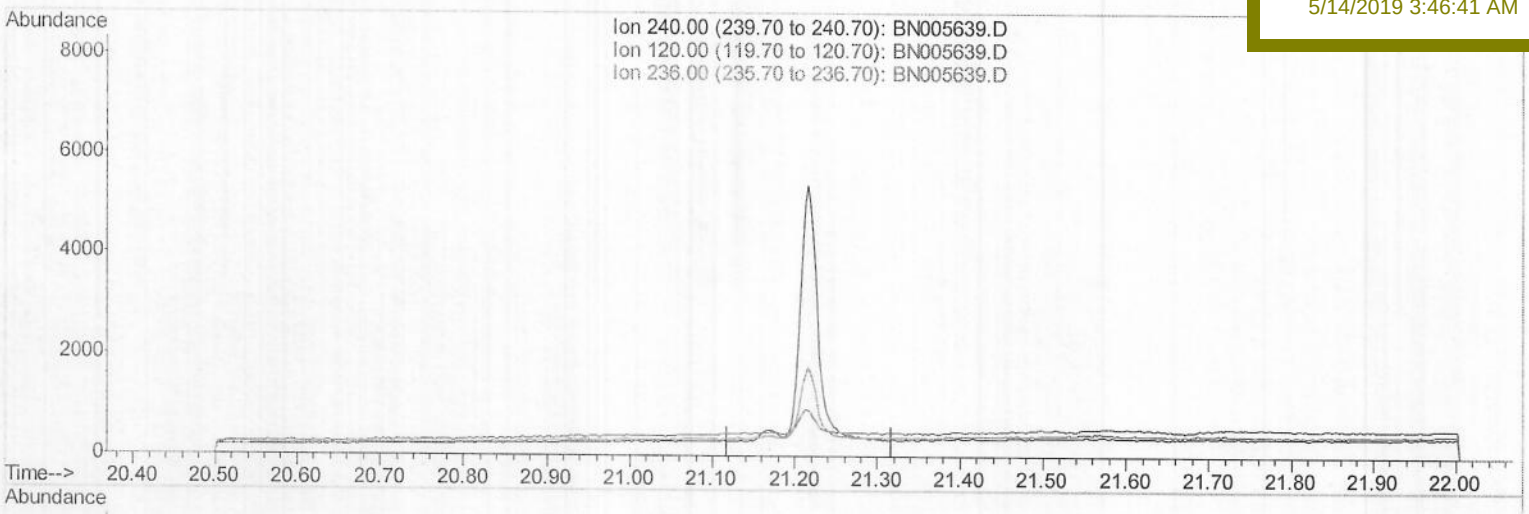
Quantitation Report (Qedit)

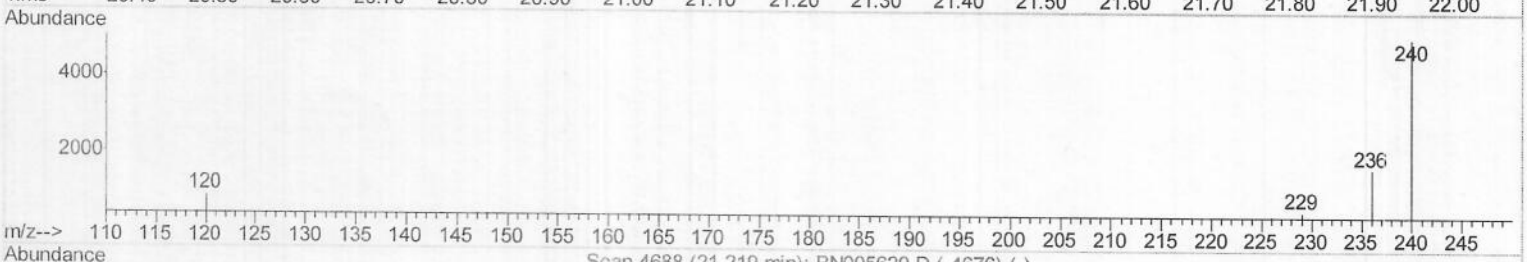
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

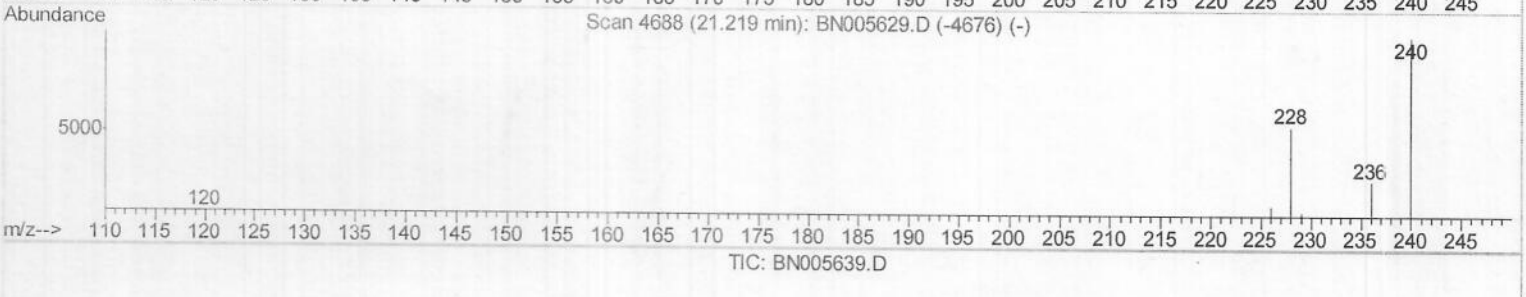
Quant Time: May 12 01:58:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM







(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

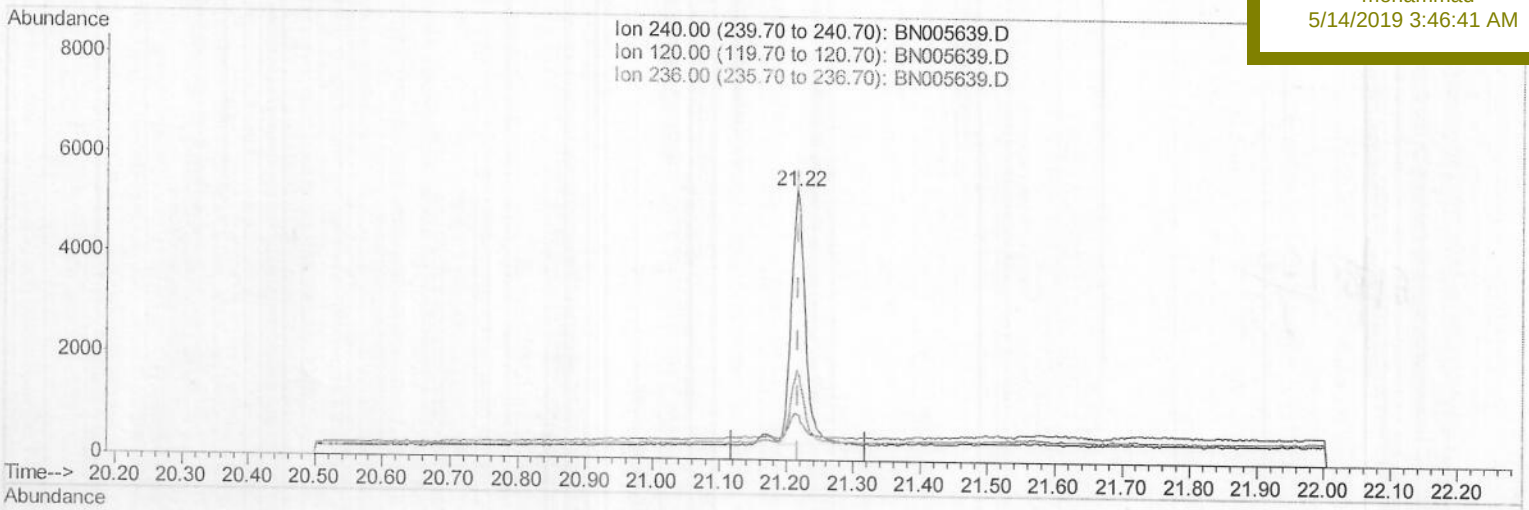
Quantitation Report (Qedit)

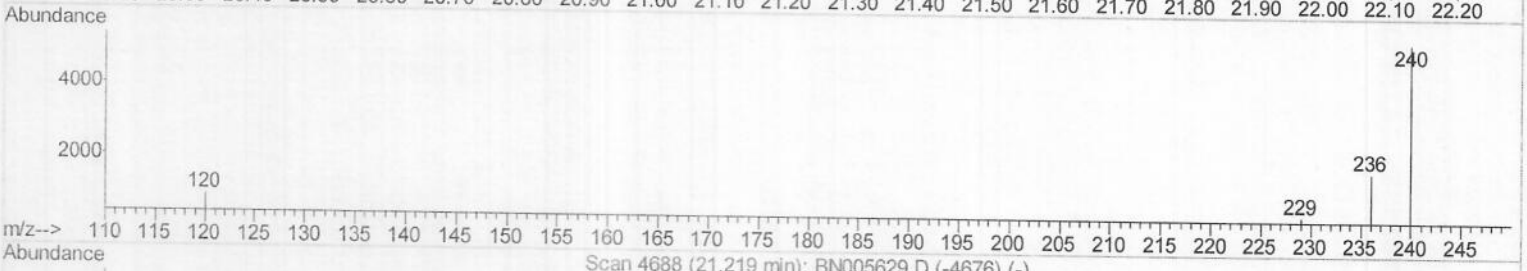
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

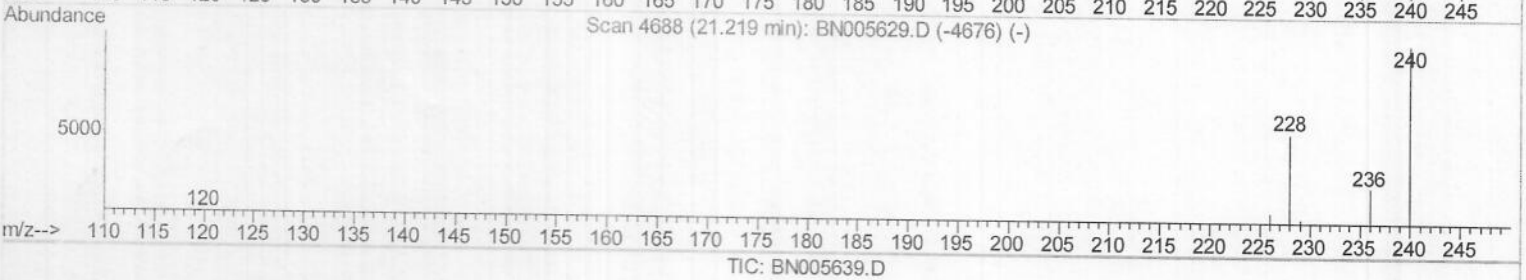
Quant Time: May 12 01:58:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM







TIC: BN005639.D

(16) Chrysene-d12 (I)

21.216min (-0.003) 0.40ng/ul m > JU 05/14/19

response 7249

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	16.88#
236.00	28.00	32.74
0.00	0.00	0.00

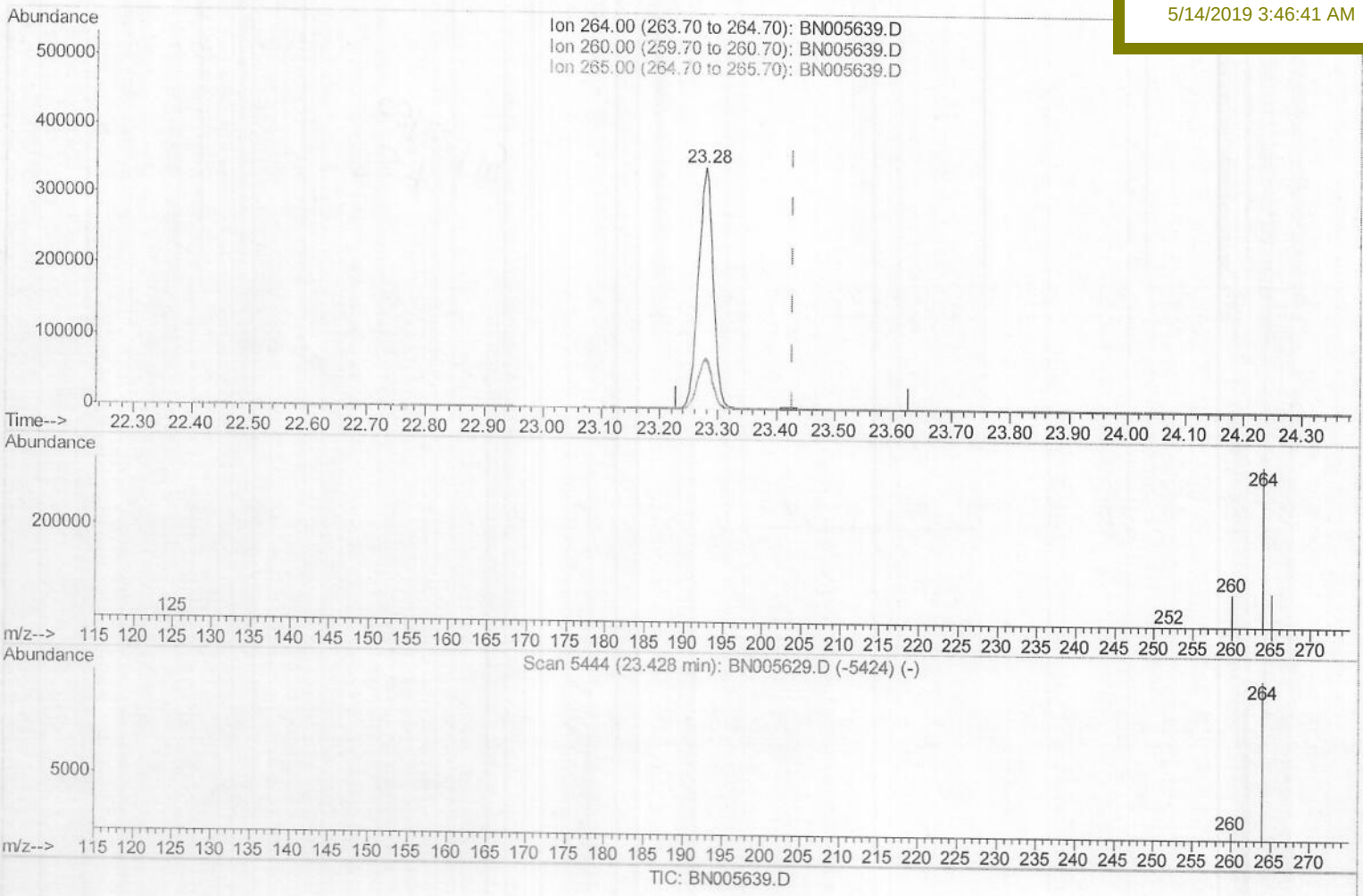
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:58:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



TIC: BN005639.D

(20) Perylene-d12 (I)

23.279min (-0.149) 0.40ng/ul

response 602899

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.55
265.00	31.70	21.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:58:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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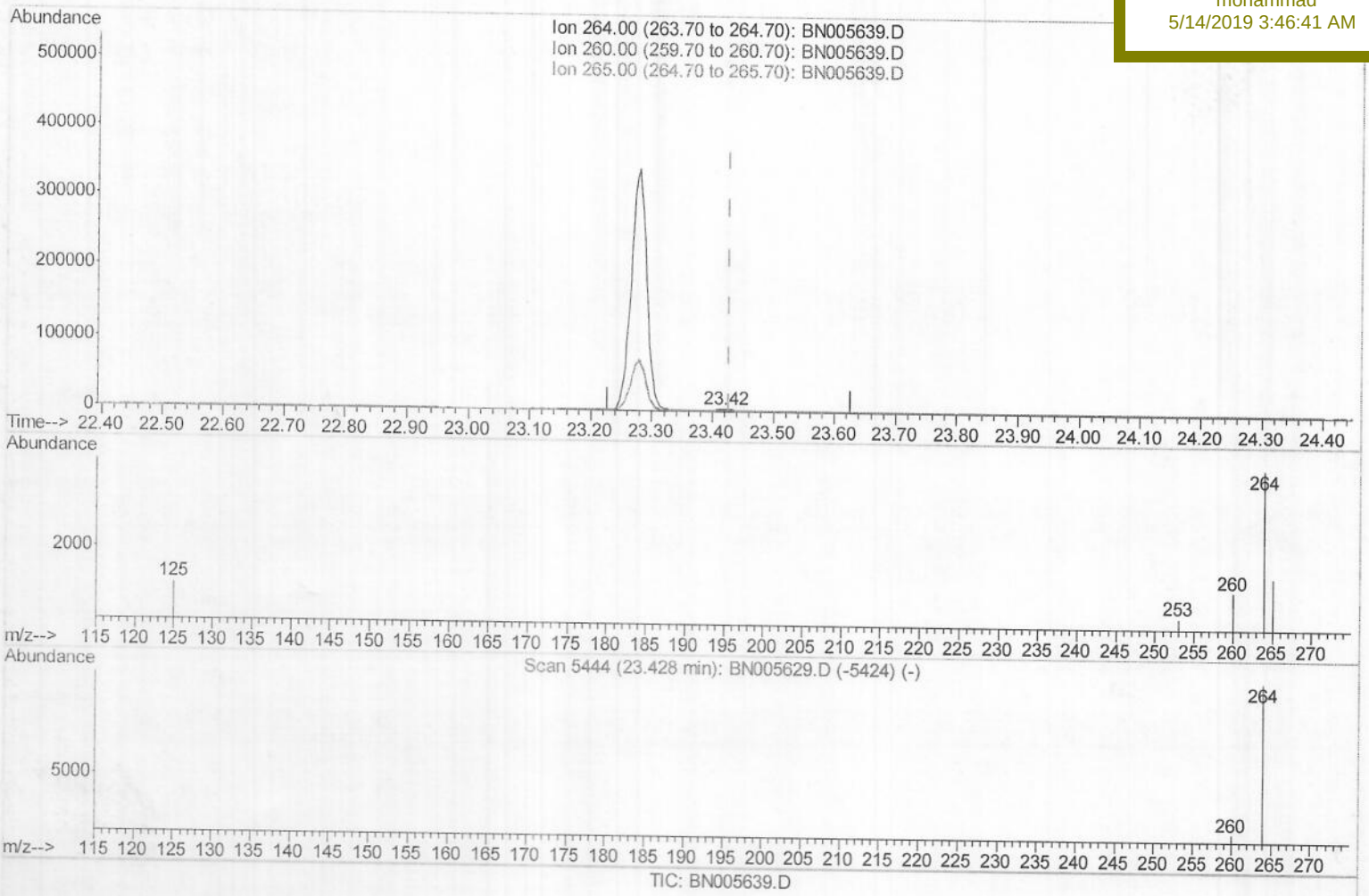
Instrument :
BNA_N
ClientSampleId :
A5148

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM



(20) Perylene-d12 (I)

23.419min (-0.009) 0.40ng/ul m) JU 05/14/19

response 4784

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	32.03#
265.00	31.70	40.31#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005639.D
Acq On : 11 May 2019 22:26
Operator : JU/SJ
Sample : K2606-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 12 01:59:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2018	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8171	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5051	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10941m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7249m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	4784m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4658	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	11024m	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	772	0.036	ng/ul#	77
12) Phenanthrene	17.02	178	842m	0.028	ng/ul	

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

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
5/14/2019 3:46:41 AM

JU 05/14/19