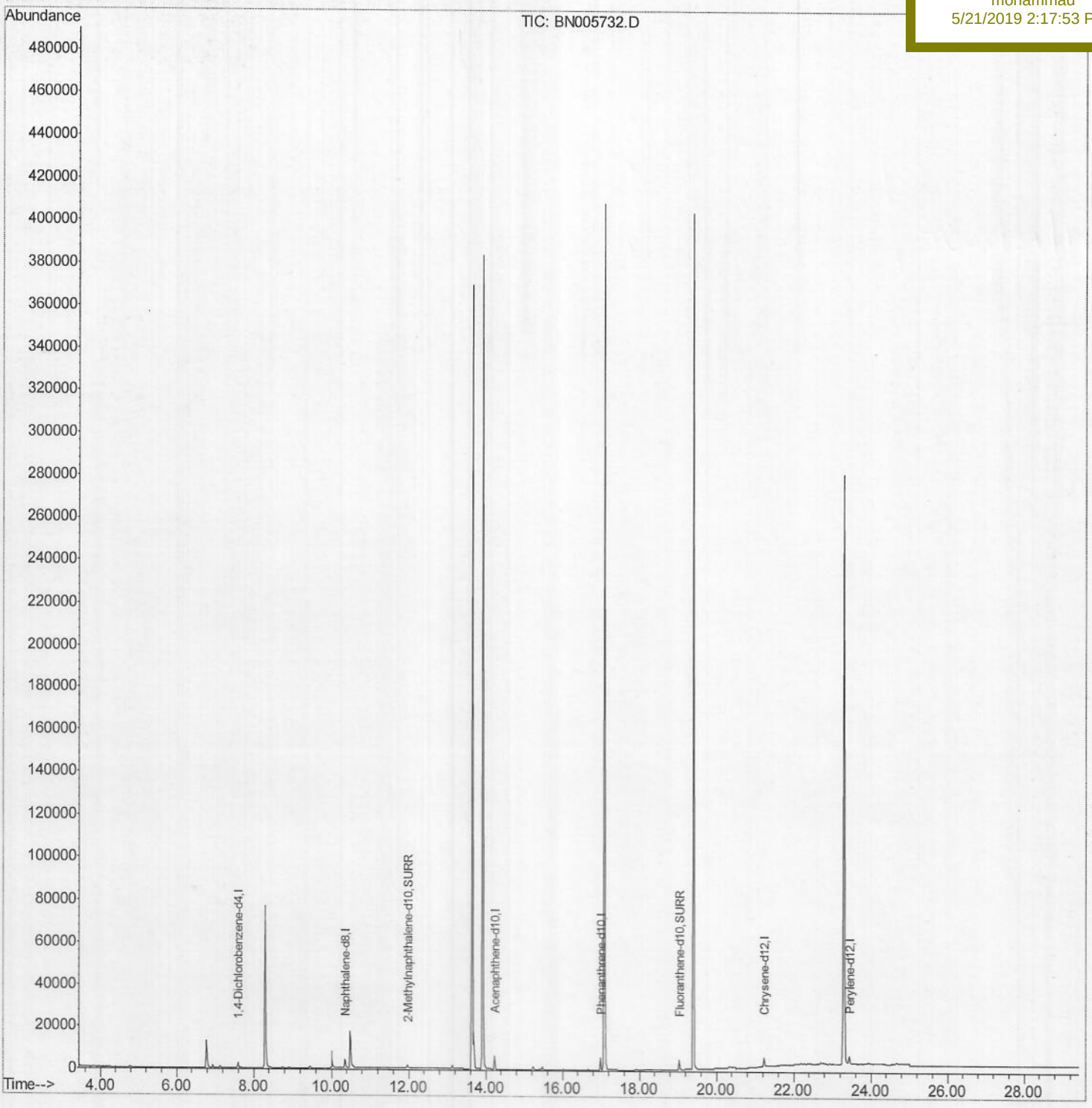
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:16:45 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



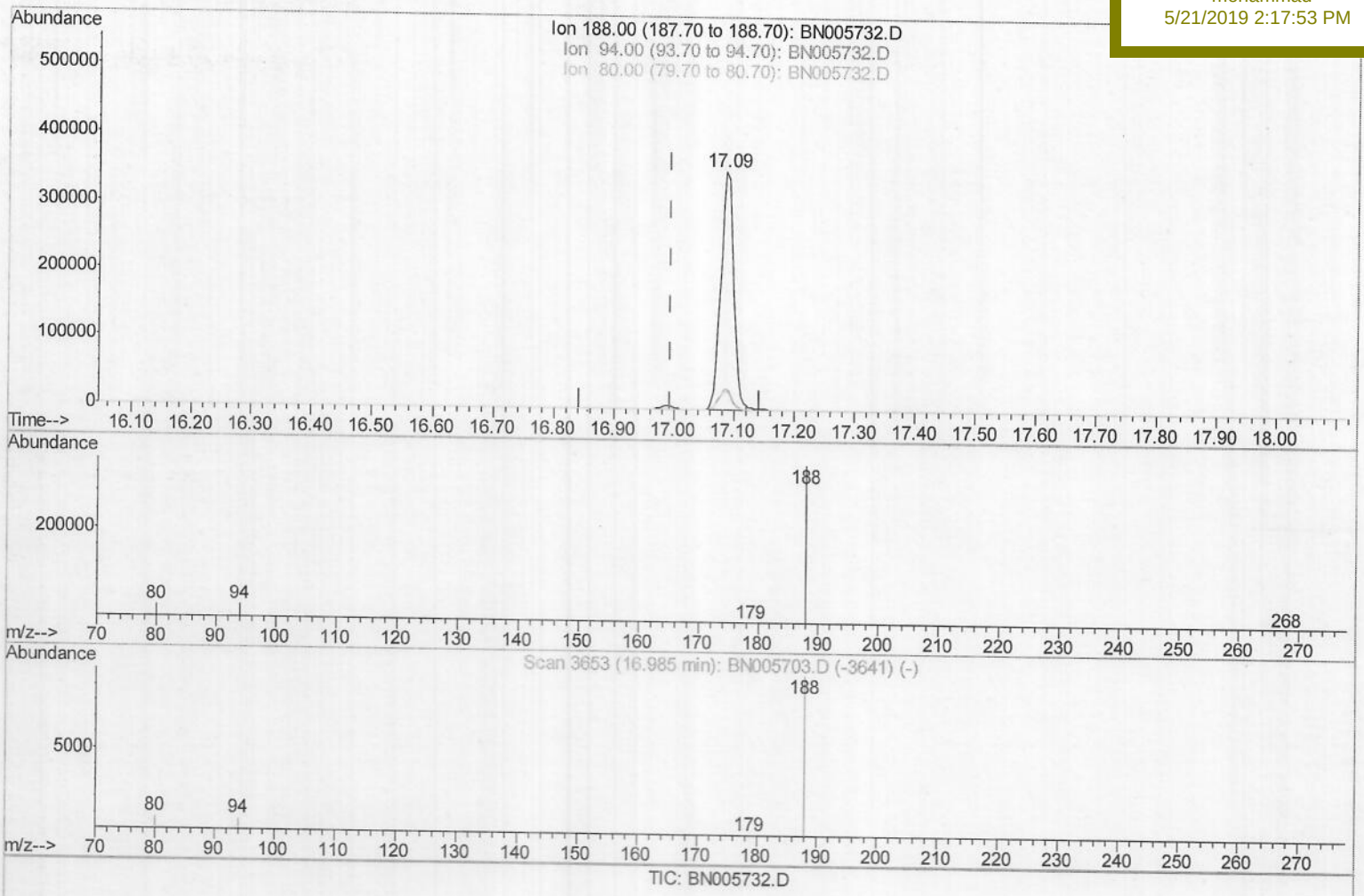
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:13:49 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(10) Phenanthrene-d10 (I)

17.086min (+0.093) 0.40ng/ul

response 516397

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.49
80.00	9.80	7.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:13:49 2019
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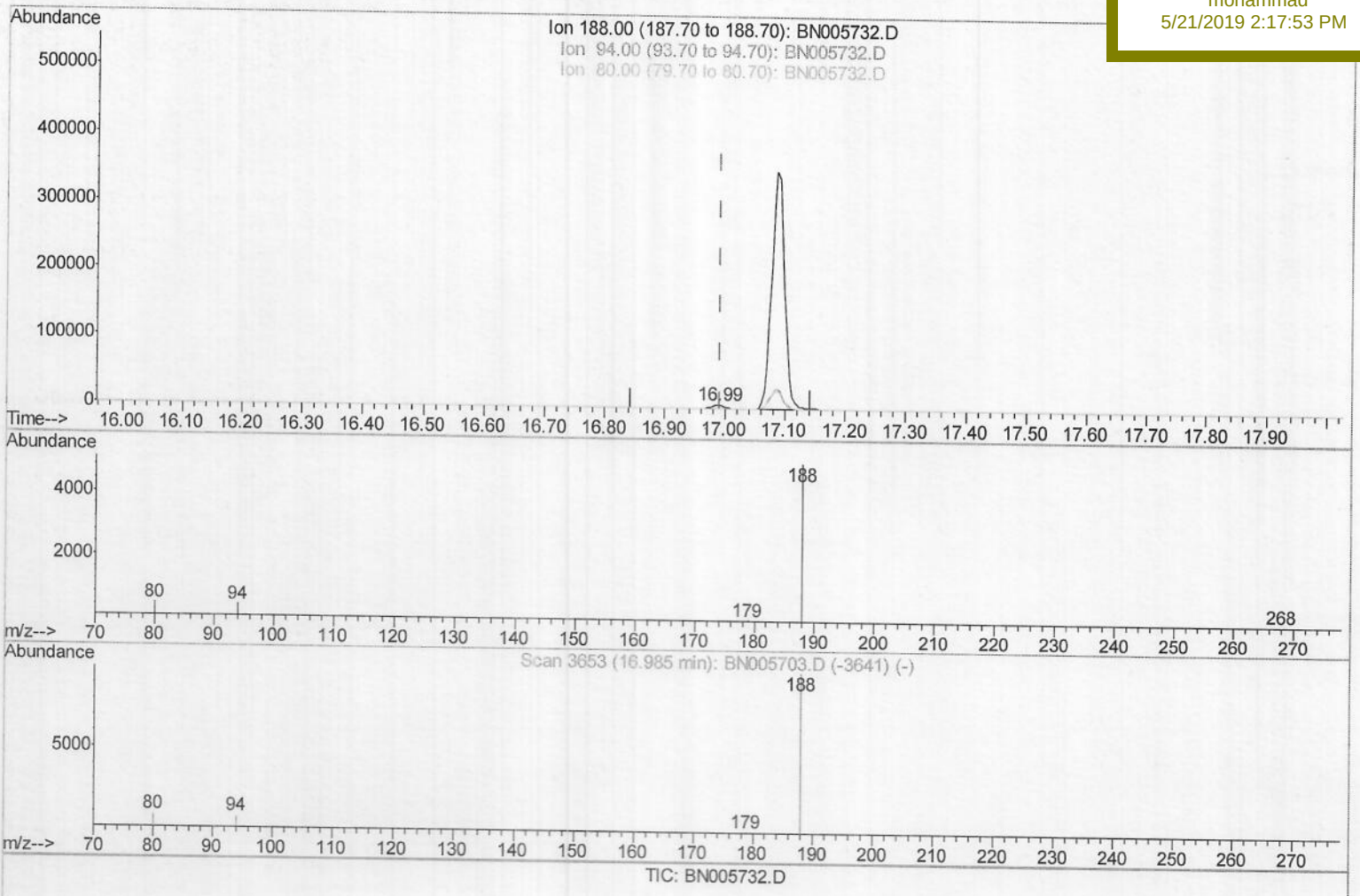
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(10) Phenanthrene-d10 (I)

16.989min (-0.004) 0.40ng/ul m) JU 05/31/19

response 7319

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.14
80.00	9.80	9.05
0.00	0.00	0.00

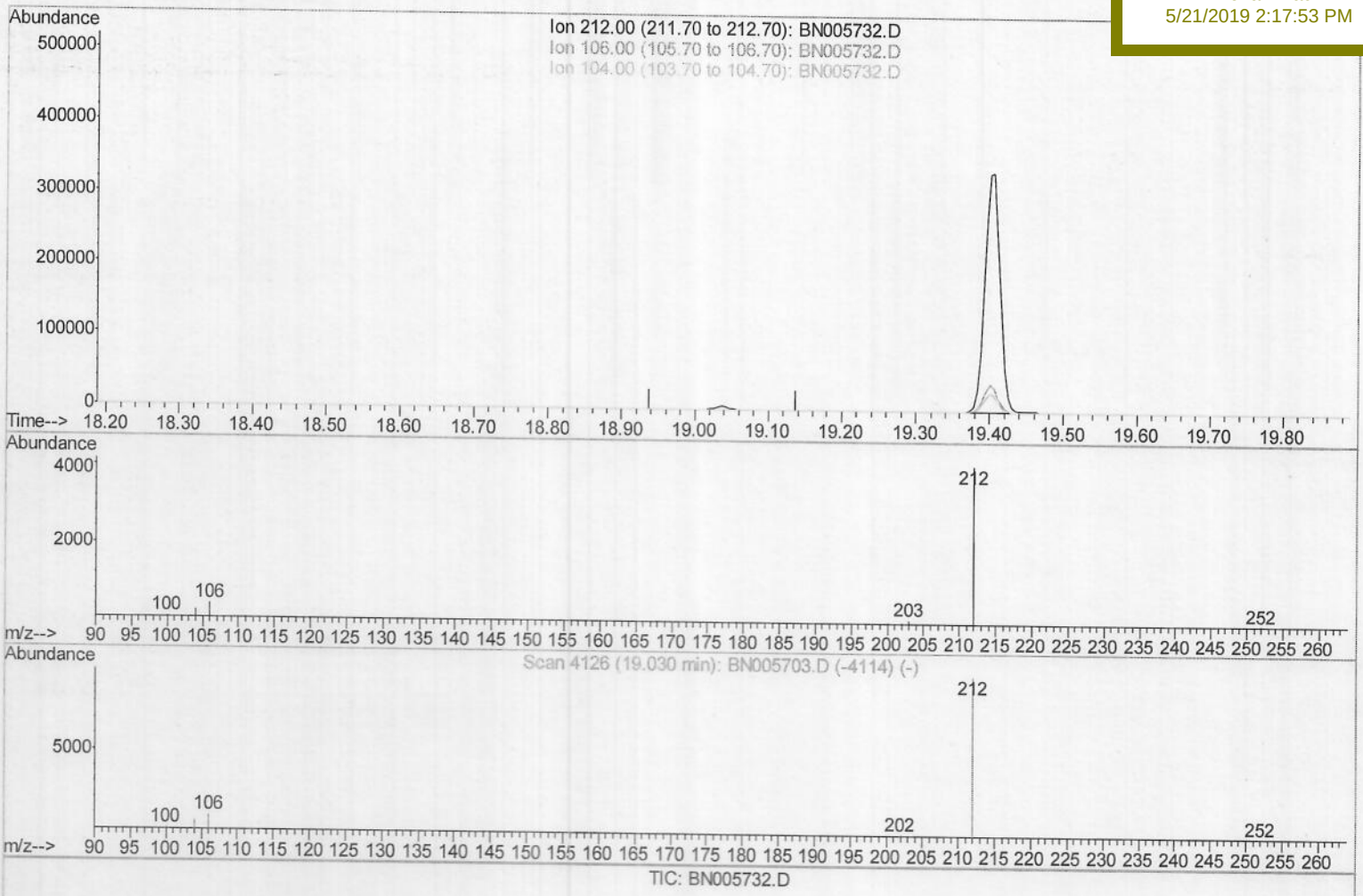
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:14:41 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(14) Fluoranthene-d10 (SURR)

19.039min (-19.039) 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

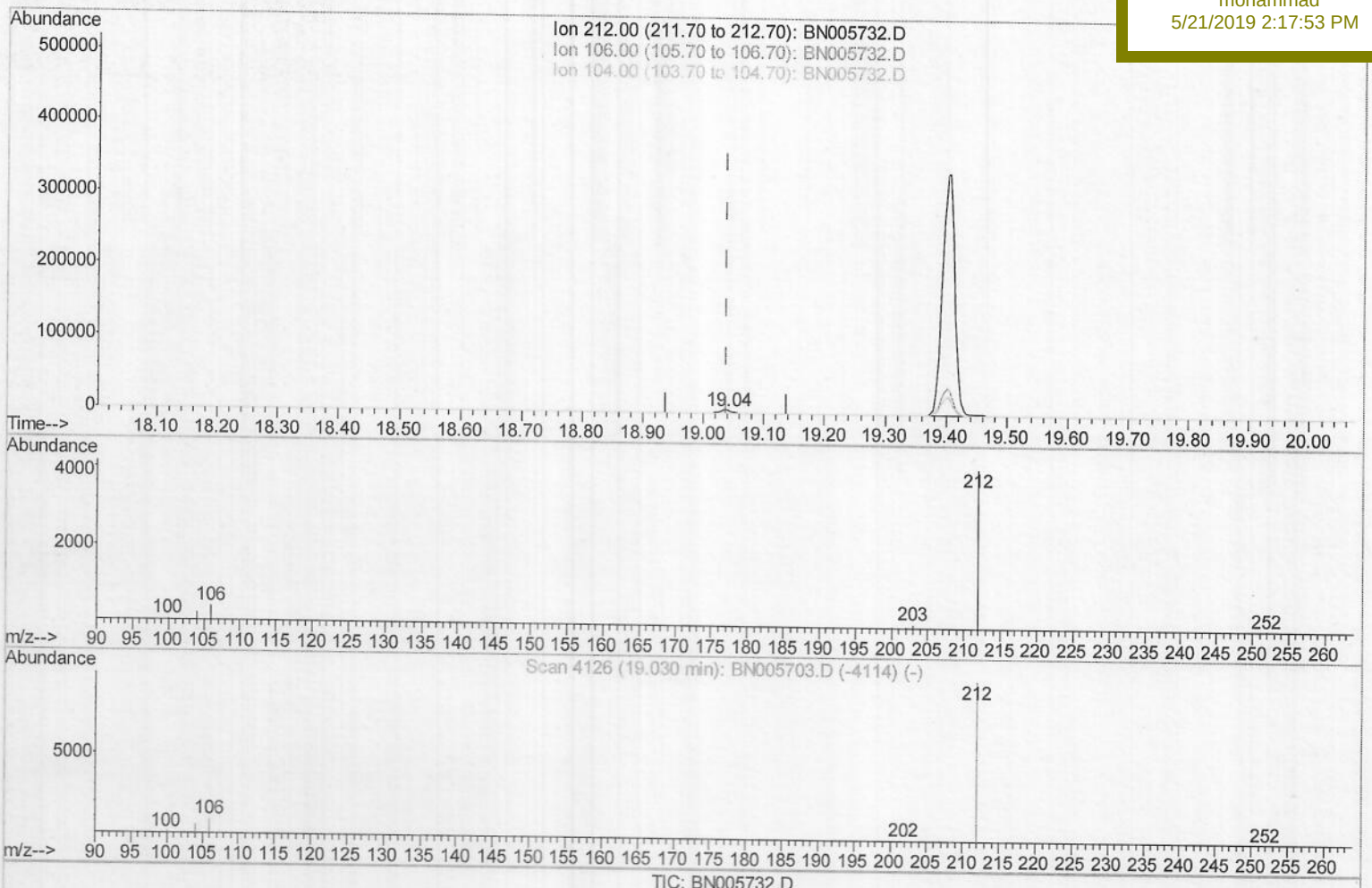
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:14:41 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(14) Fluoranthene-d10 (SURR)

19.039min (-0.000) 0.27ng/ul m) JU05/31/19

response 6113

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

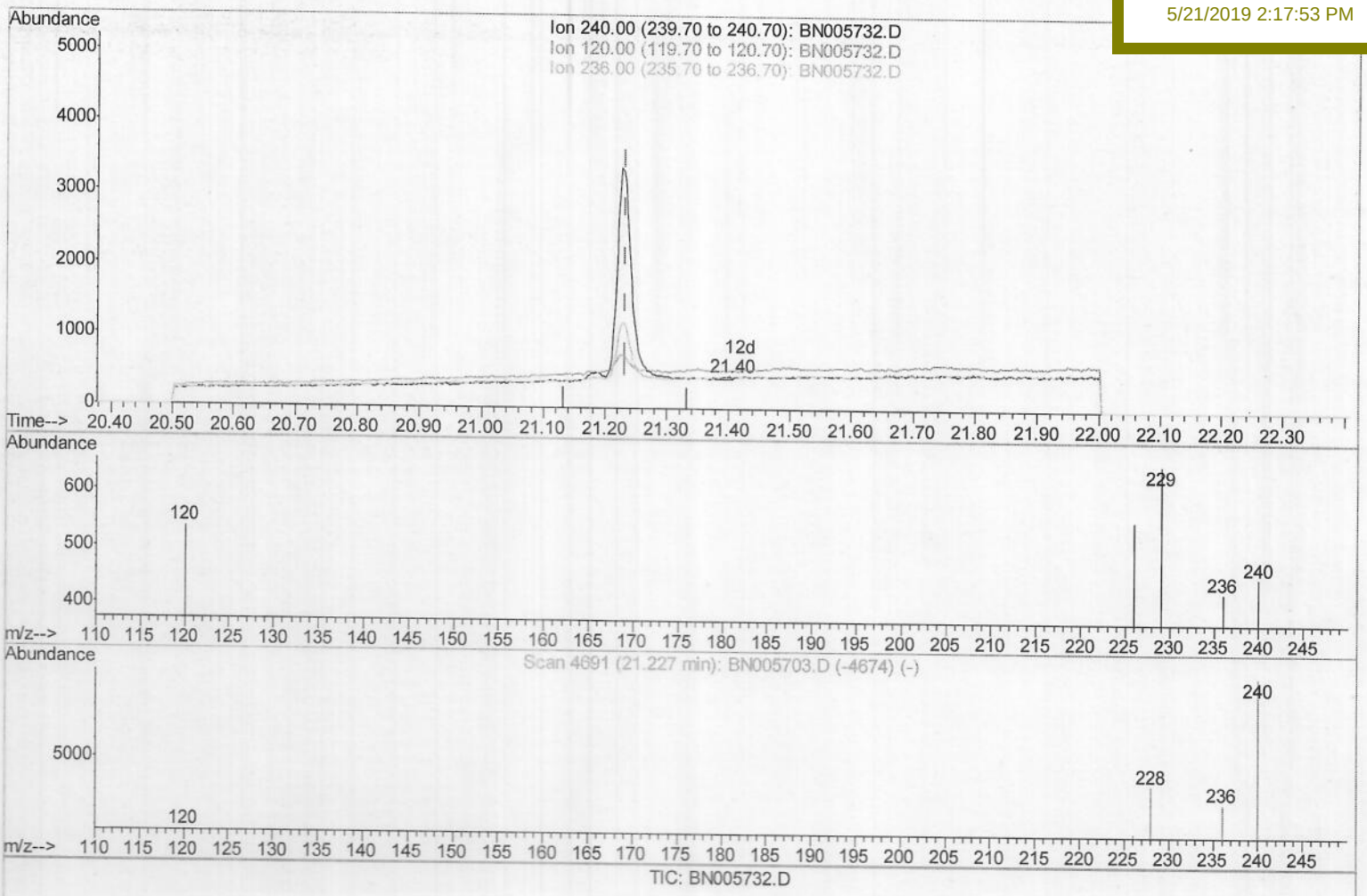
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:14:41 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(16) Chrysene-d12 (I)

21.402min (+0.169) 0.40ng/ul

response 35

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	117.32#
236.00	28.00	94.08#
0.00	0.00	0.00

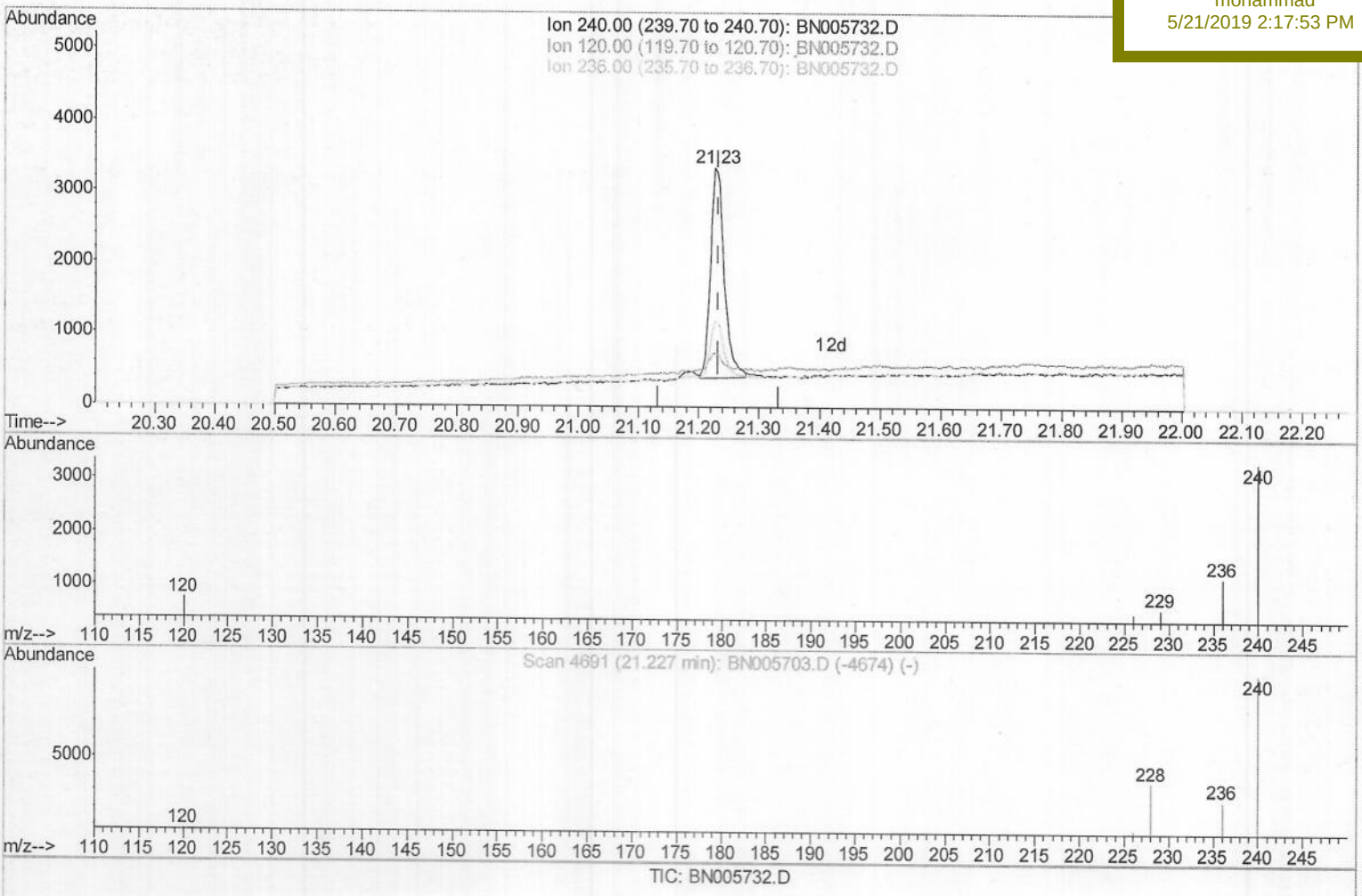
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:14:41 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(16) Chrysene-d12 (I)

21.227min (-0.006) 0.40ng/ul m JU 05/31/19

response 4696

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	22.04#
236.00	28.00	35.24#
0.00	0.00	0.00

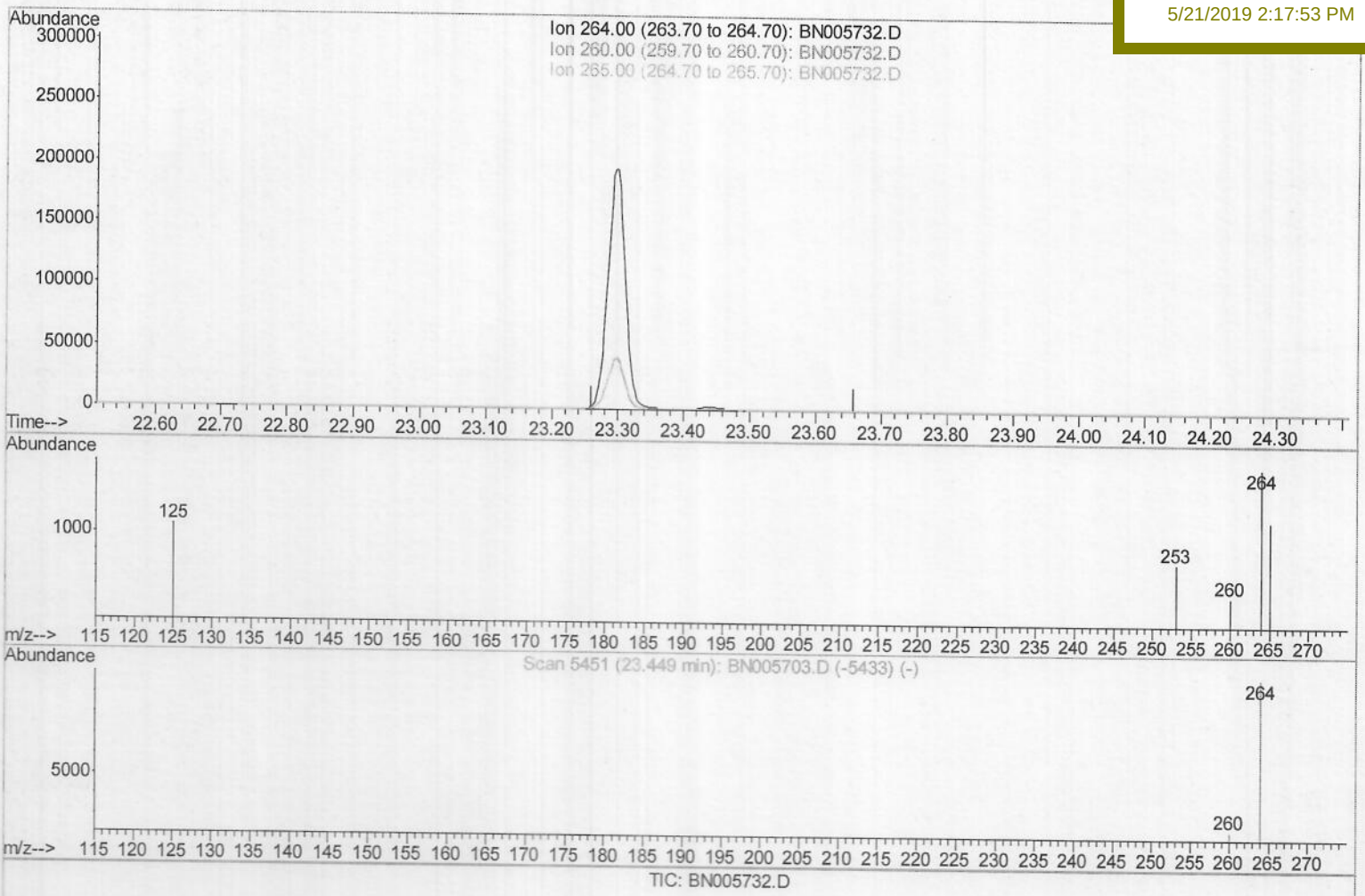
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:15:34 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(20) Perylene-d12 (I)

23.460min (-23.460) 0.00ng/ul

response 0

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

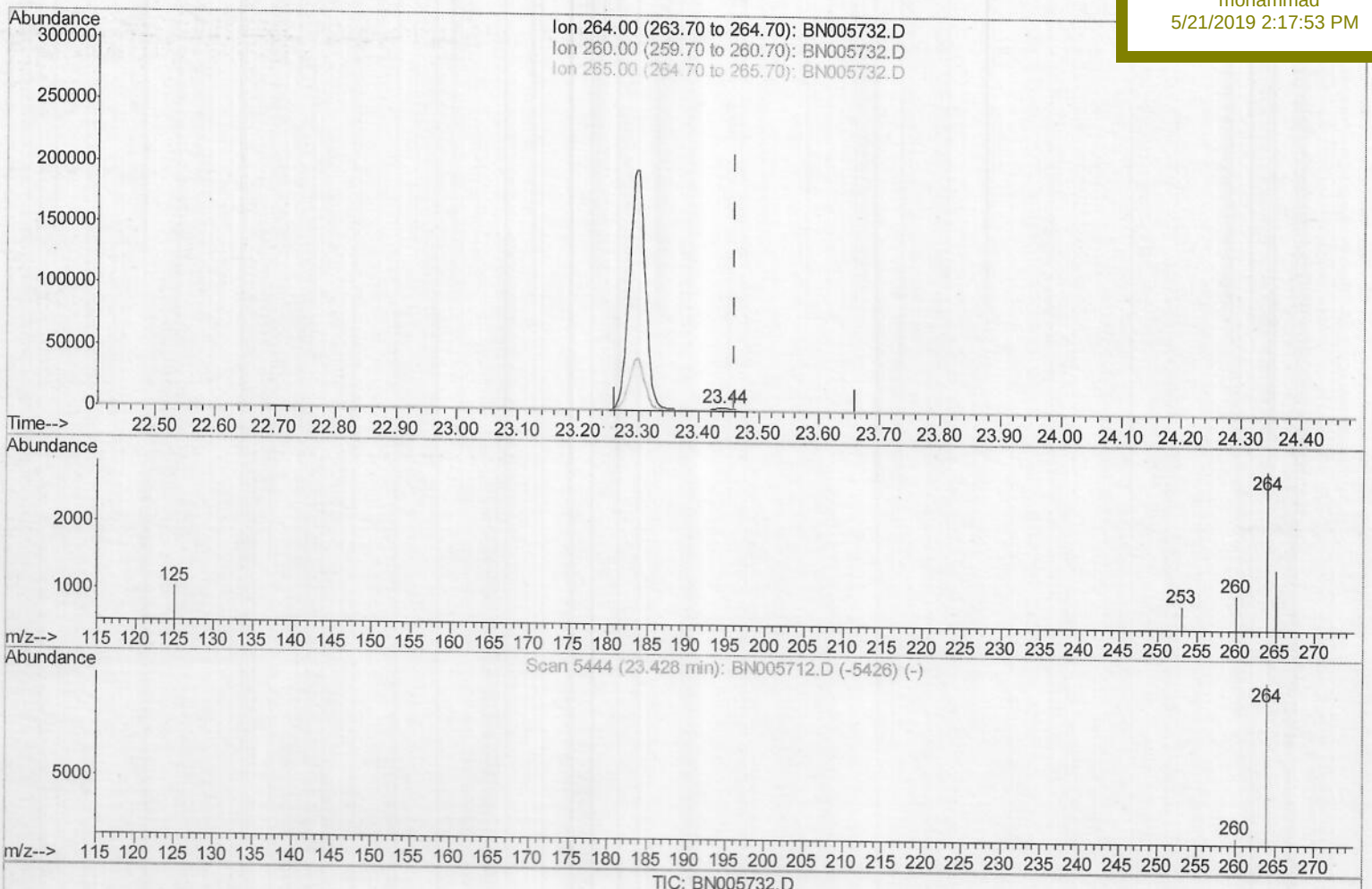
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:15:34 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 : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM



TIC: BN005732.D

(20) Perylene-d12 (I)

23.440min (-0.021) 0.40ng/ul m) JU 05/31/19

response 4212

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	35.95#
265.00	31.70	49.24#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051719\
Data File : BN005732.D
Acq On : 17 May 2019 16:40
Operator : JU/SJ
Sample : K2788-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 17:16:45 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 14:33:18 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A51B1

Manual Integrations APPROVED
mohammad
5/21/2019 2:17:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1366	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5561	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	3482	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	7319m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	4696m)	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4212m)	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2885	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	6113m)	0.27	ng/ul	0.00
Target Compounds						Qvalue

JU 05/31/19

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