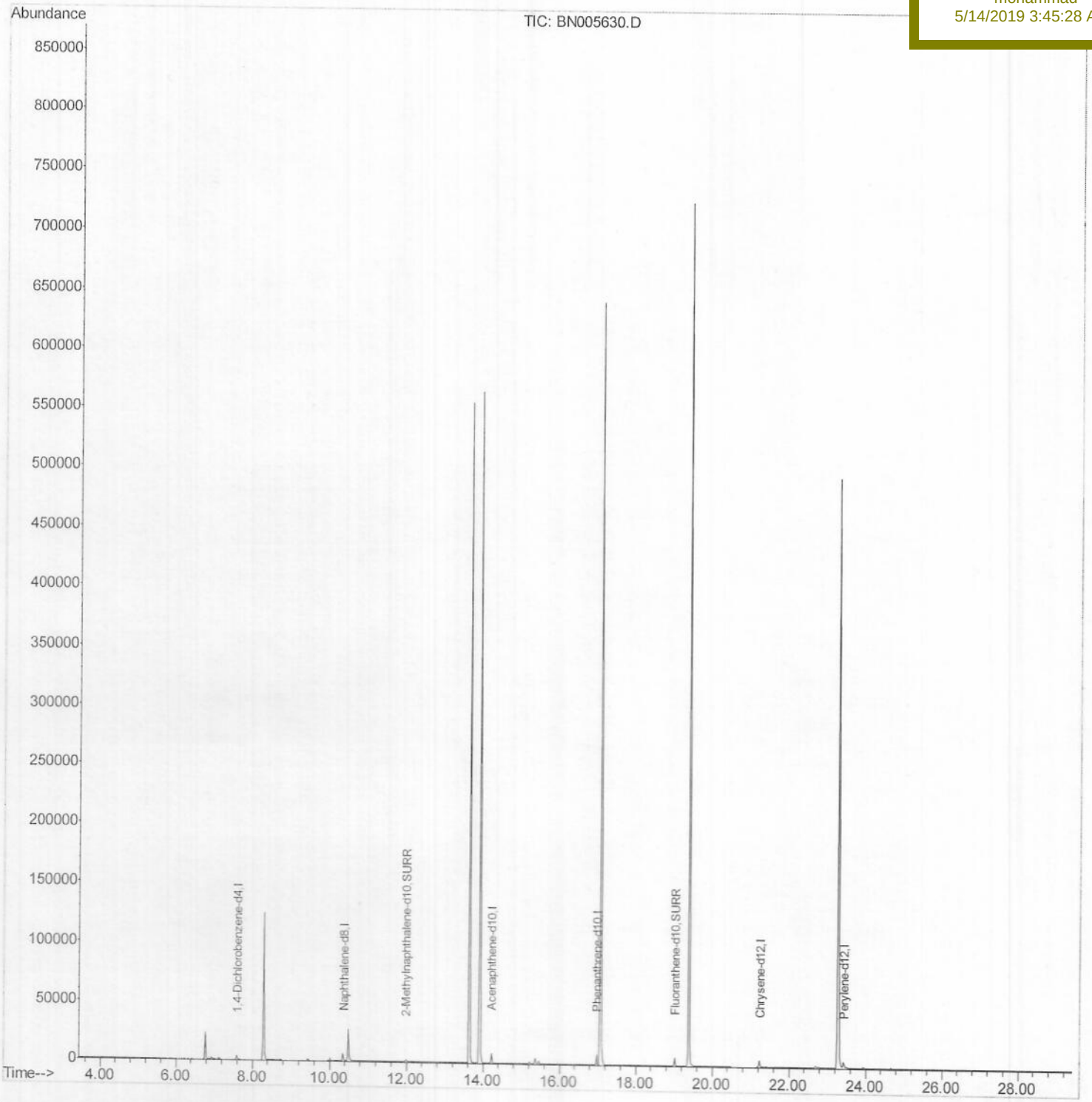
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:52:33 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM



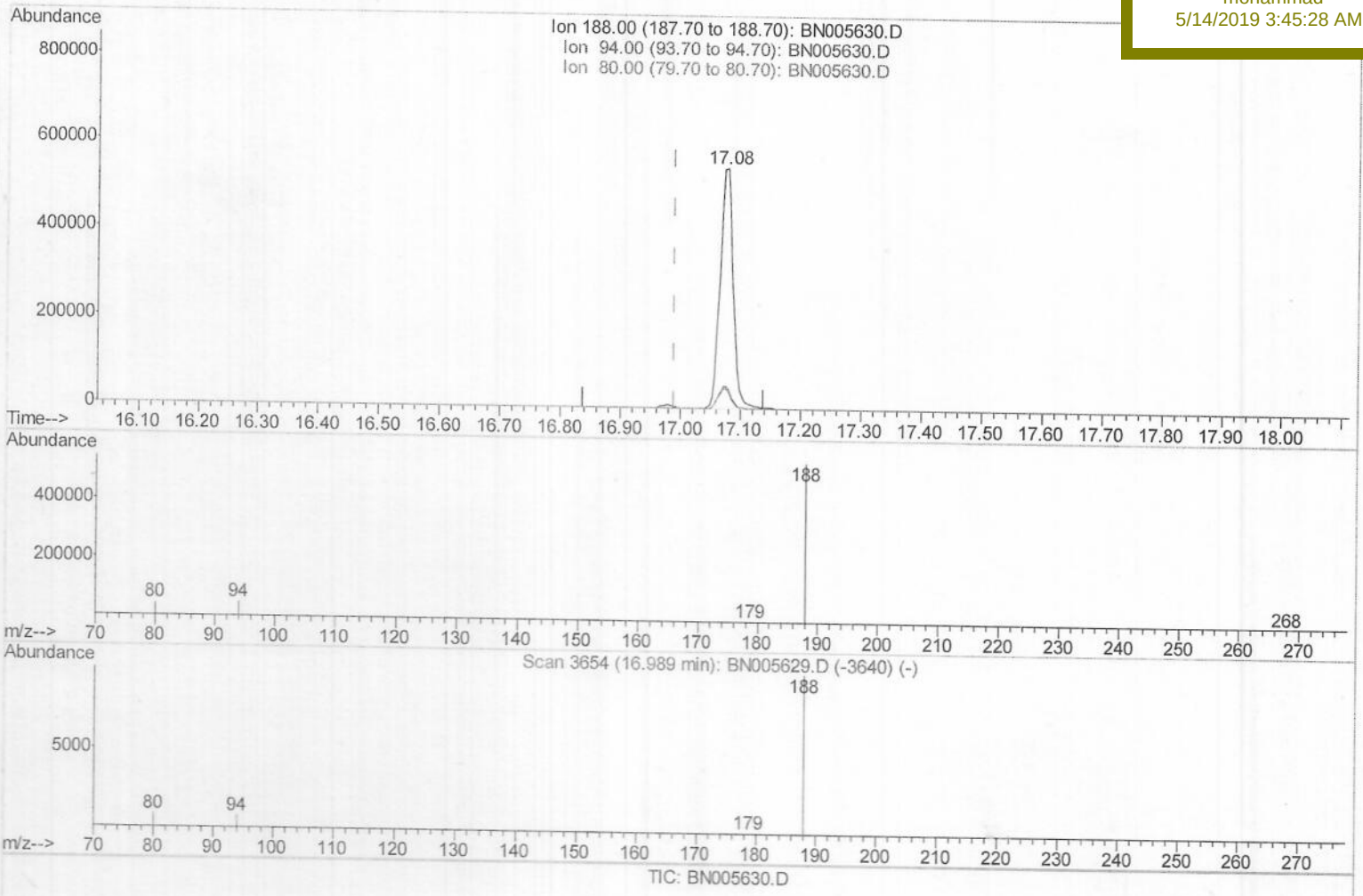
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:39:56 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM



TIC: BN005630.D

(10) Phenanthrene-d10 (I)

17.078min (+0.089) 0.40ng/ul

response 822157

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.68
80.00	9.80	7.87
0.00	0.00	0.00

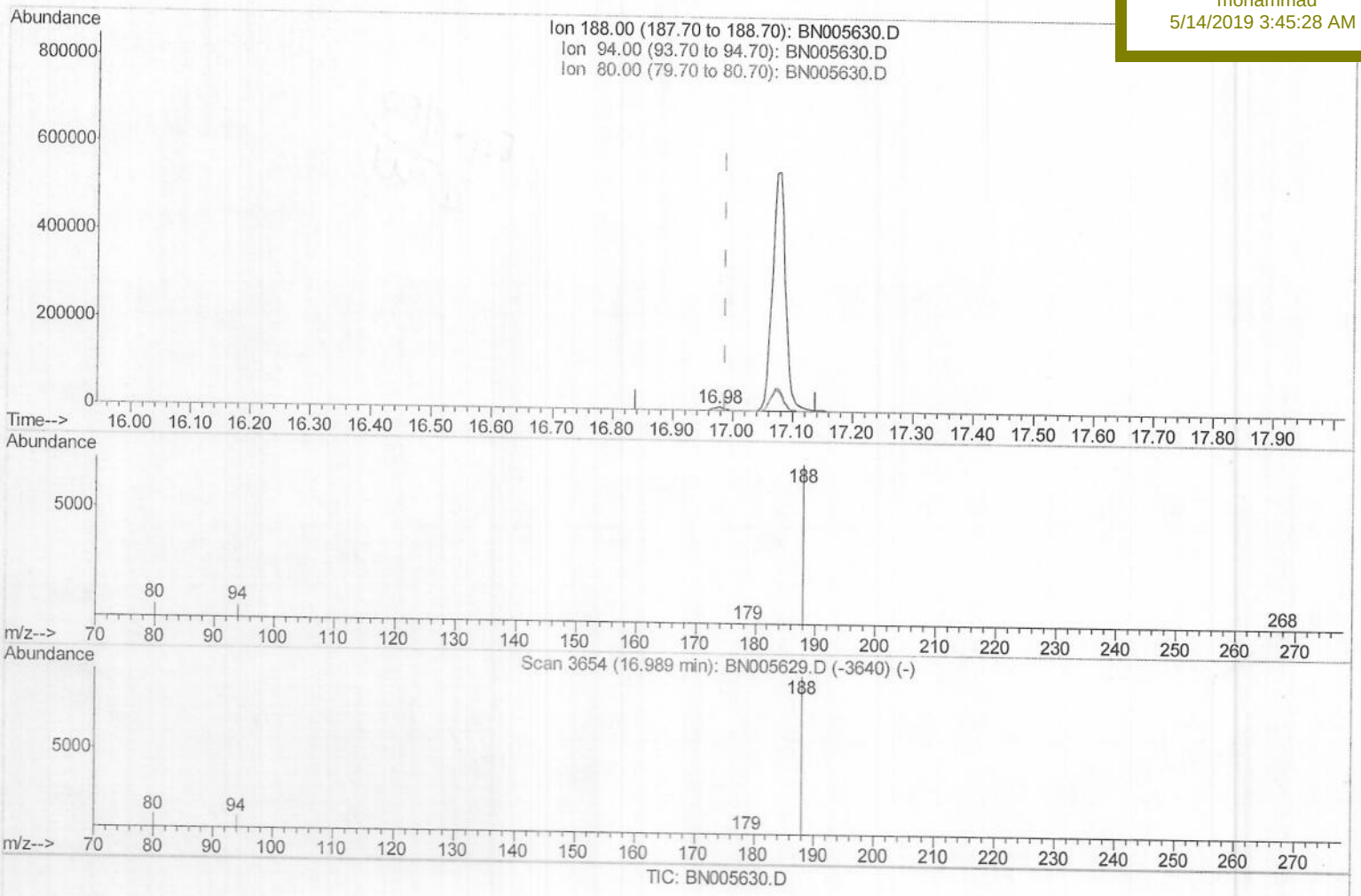
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:39:56 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM



(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m) JU 05/14/19

response 10076

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.47
80.00	9.80	9.10
0.00	0.00	0.00

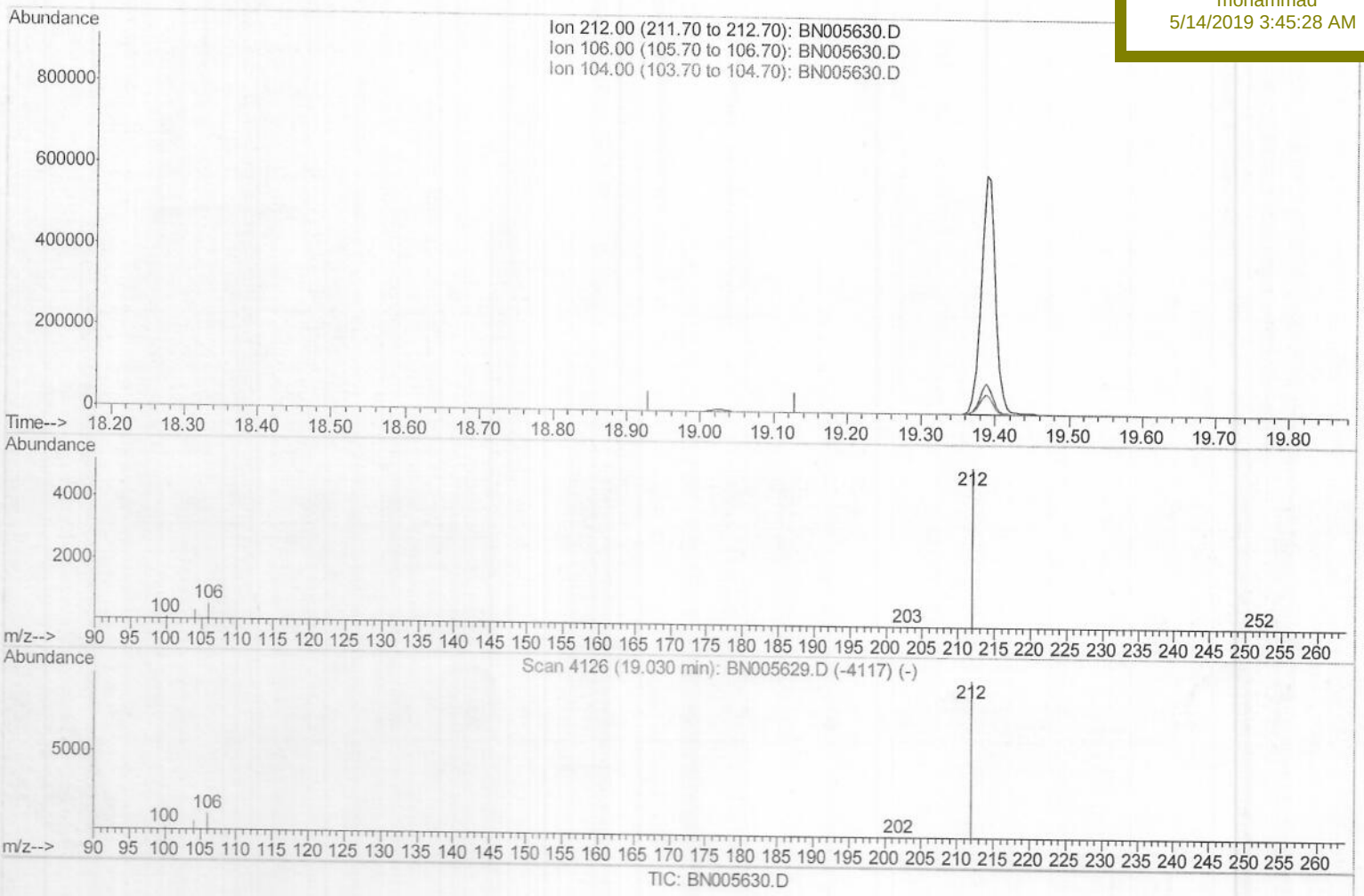
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:49:05 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 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

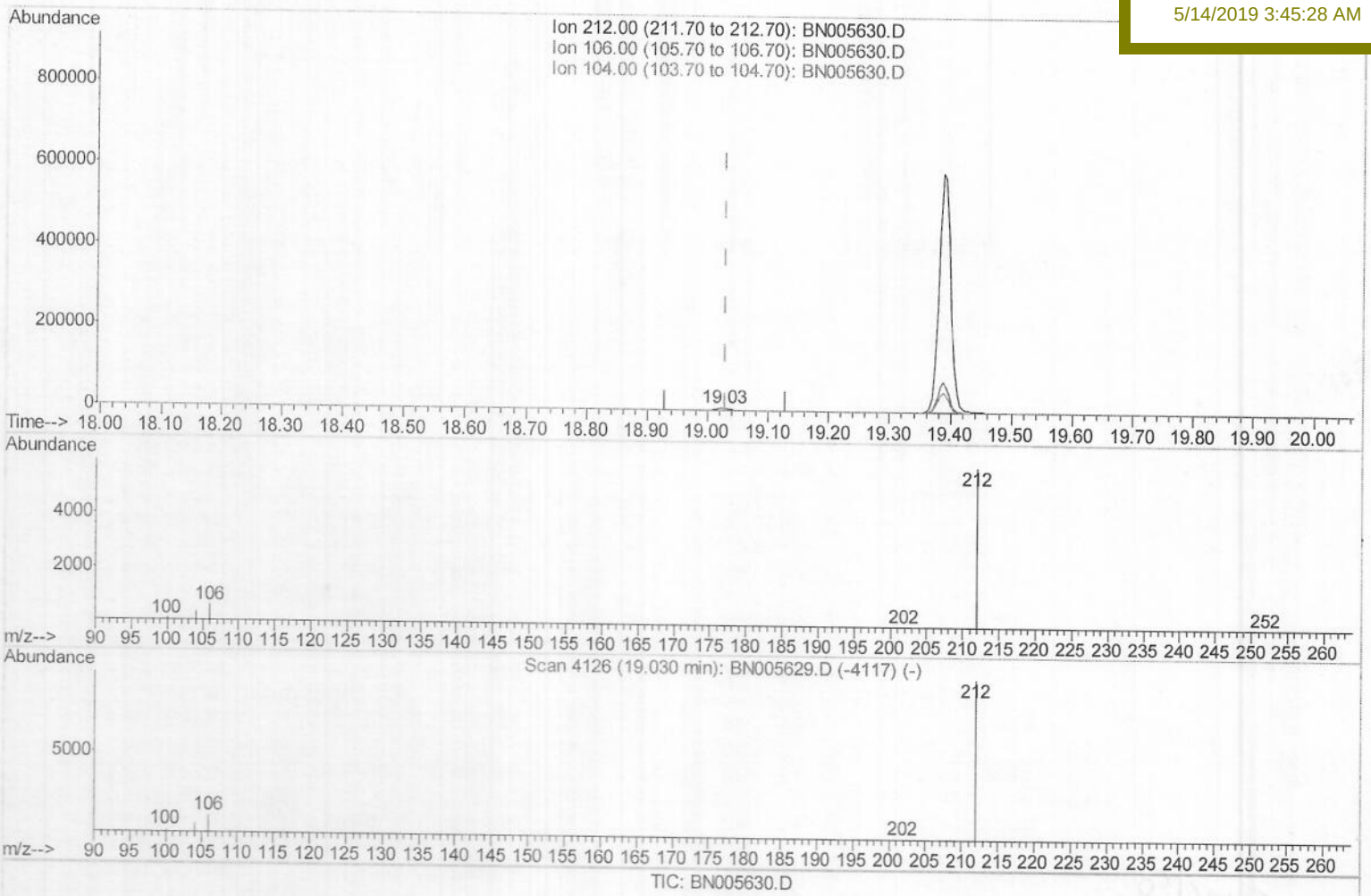
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:49:05 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.005) 0.27ng/ul m JU05/14/19

response 8623

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

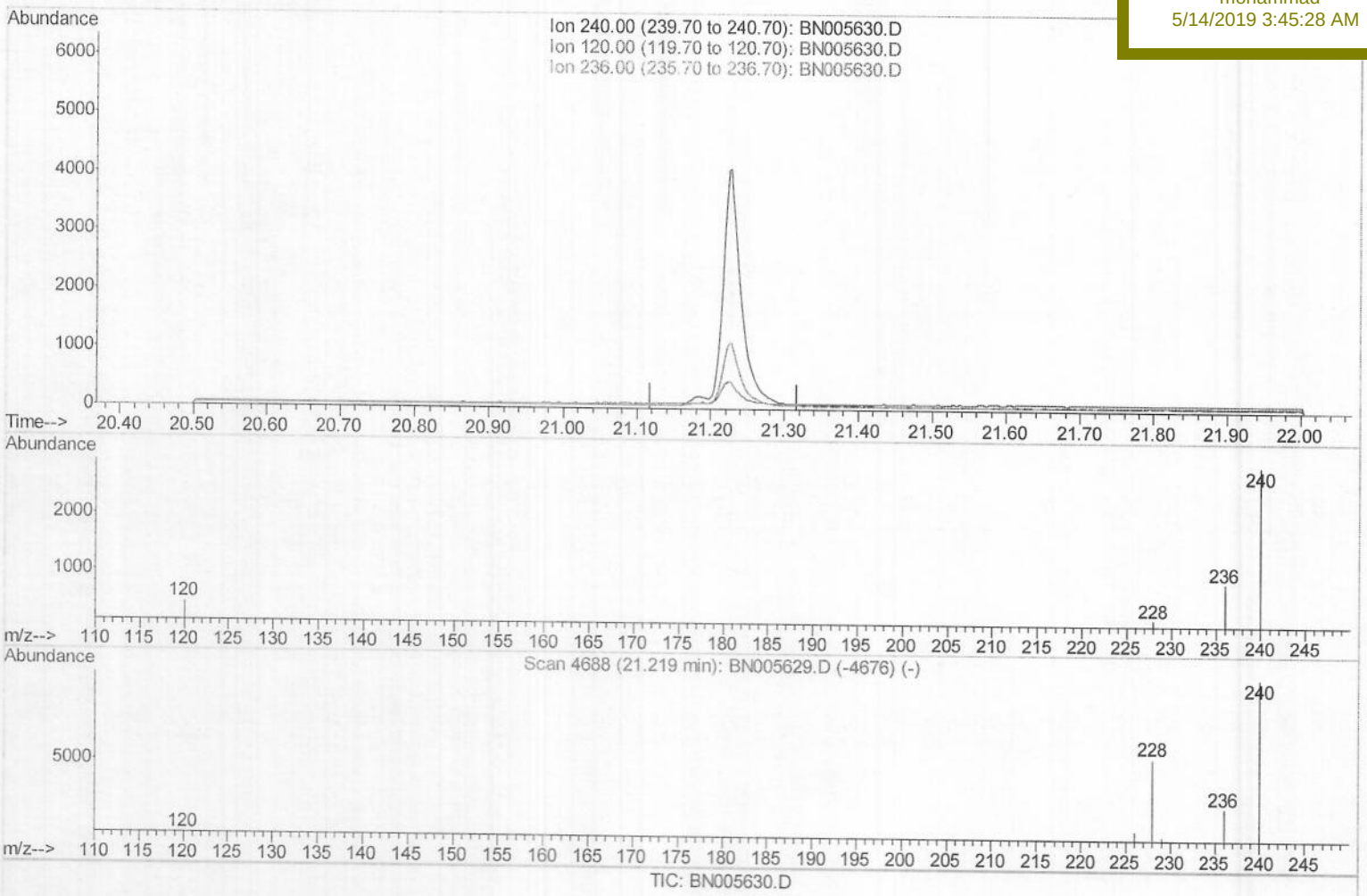
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:49:59 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM



TIC: BN005630.D

(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

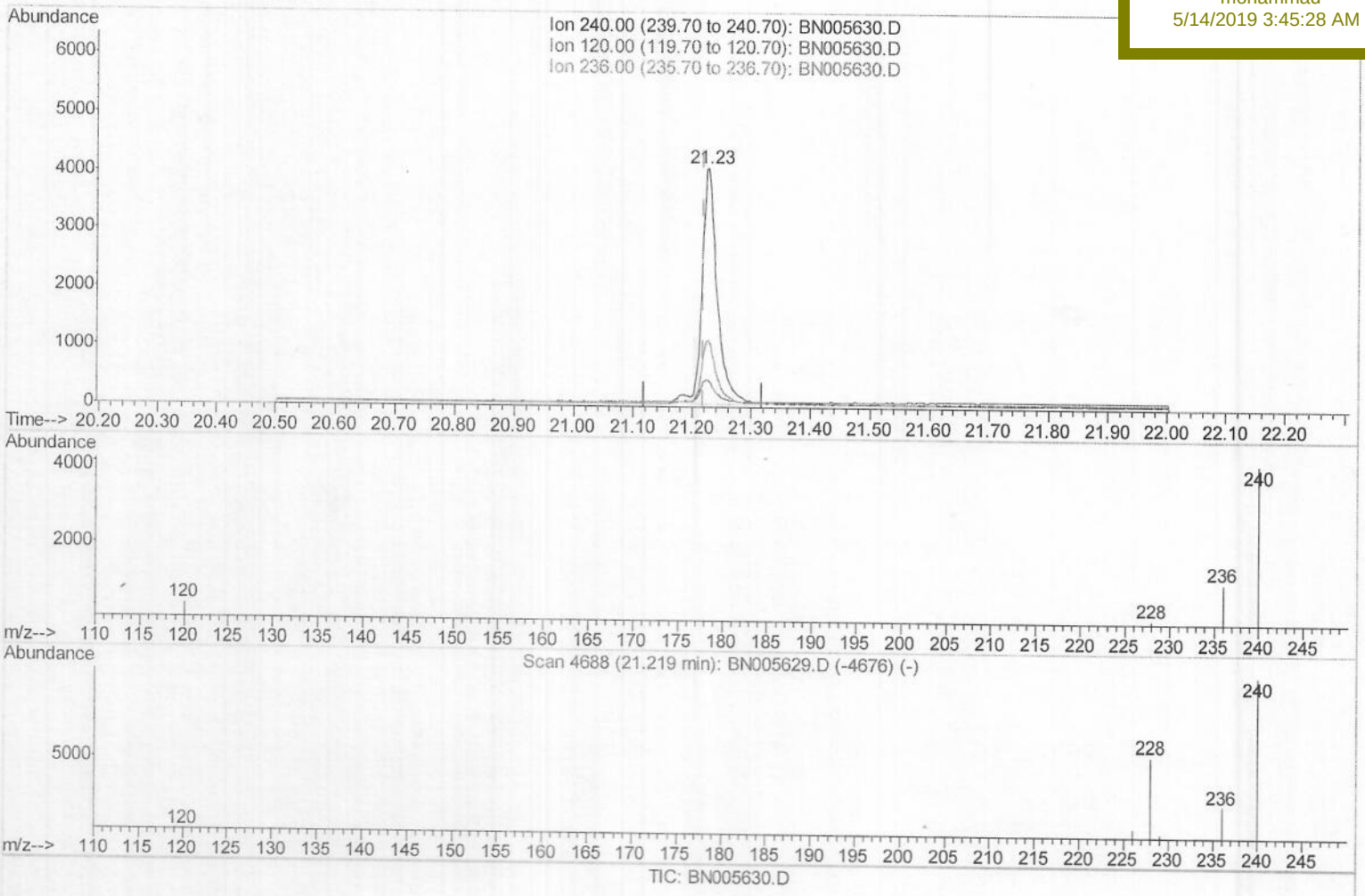
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:49:59 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM



(16) Chrysene-d12 (I)

21.227min (+0.009) 0.40ng/ul m > JU05/14/19

response 7136

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.02
236.00	28.00	27.77
0.00	0.00	0.00

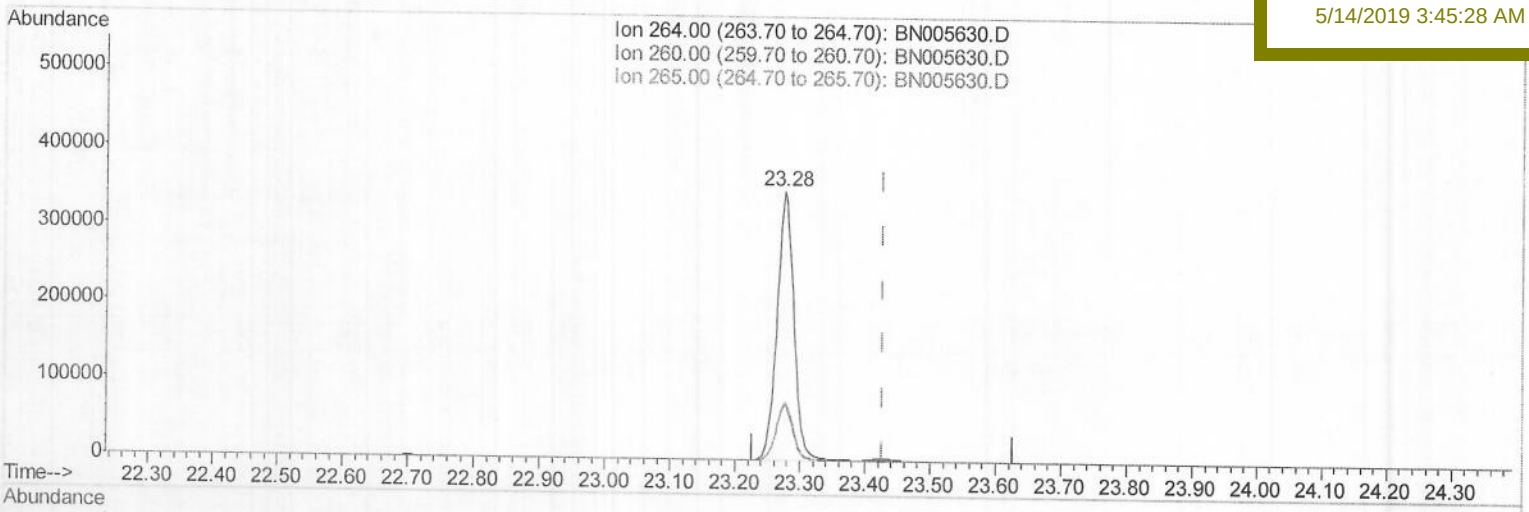
Quantitation Report (Qedit)

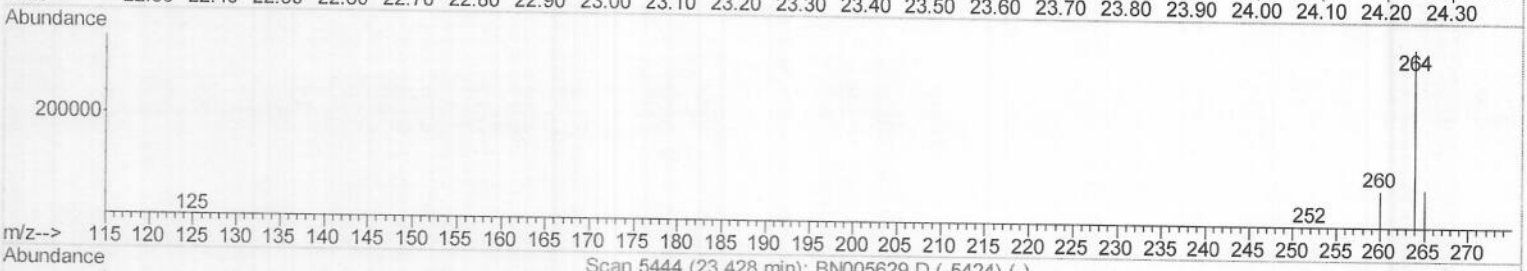
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

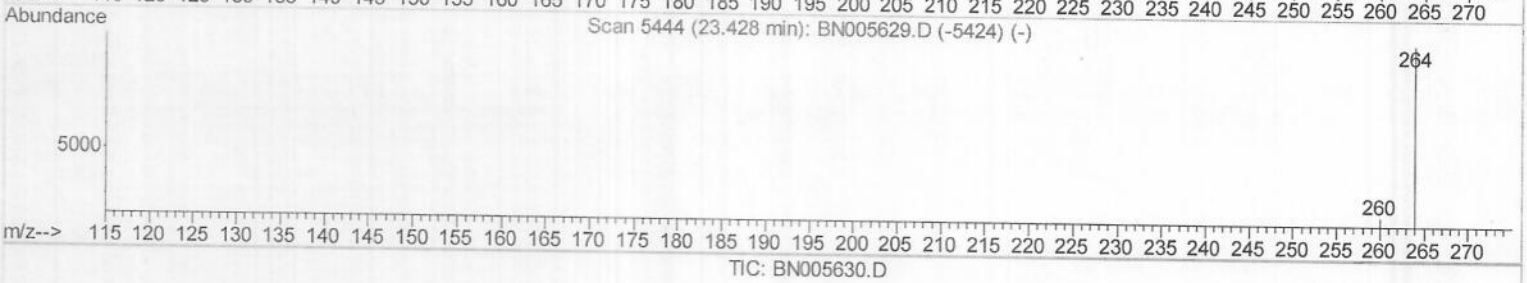
Quant Time: May 12 00:49:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM







TIC: BN005630.D

(20) Perylene-d12 (I)

23.276min (-0.152) 0.40ng/ul

response 626726

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.65
265.00	31.70	21.39#
0.00	0.00	0.00

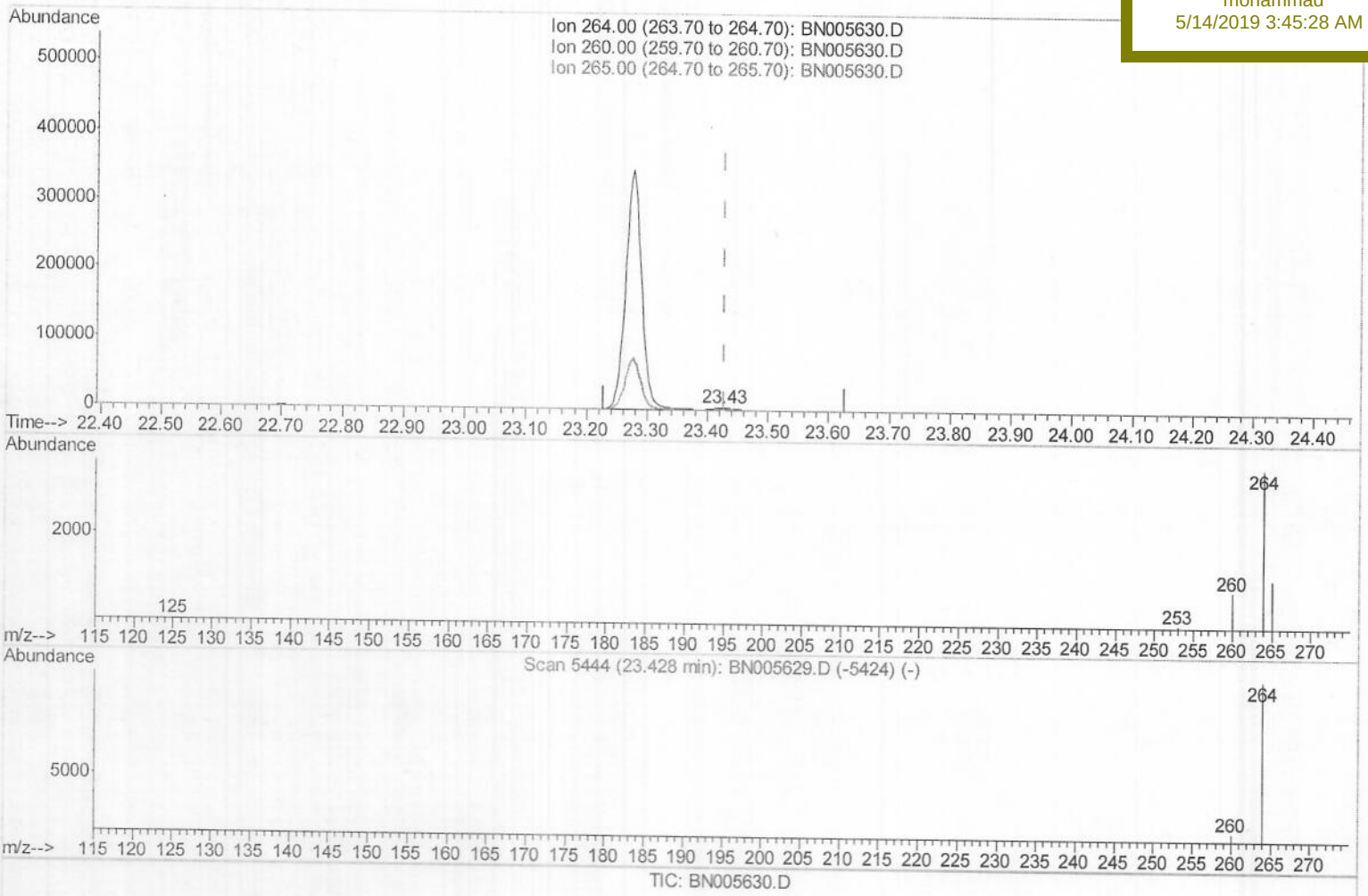
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:49:59 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM



(20) Perylene-d12 (I)

23.425min (-0.003) 0.40ng/ul m JJU05/14/19

response 5397

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.31
265.00	31.70	33.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005630.D
Acq On : 11 May 2019 17:14
Operator : JU/SJ
Sample : PB119423BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 00:52:33 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 :
SBLK23

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2061	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8124	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4809	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10076m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	7136m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5397m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4116	0.32	ng/ul	0.01
14) Fluoranthene-d10	19.03	212	8623m	0.27	ng/ul	0.00
Target Compounds						Qvalue

JU 05/14/19

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