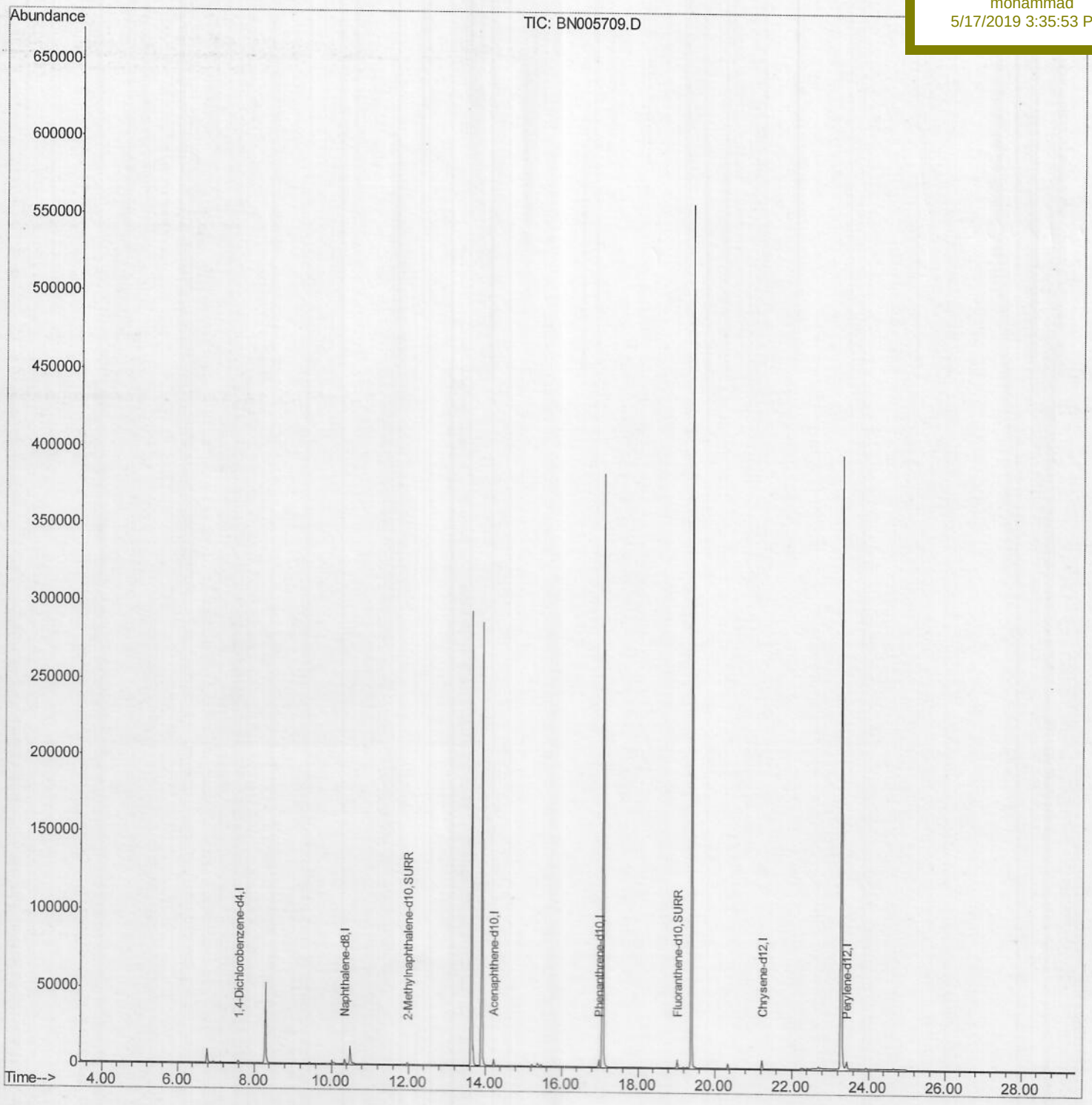
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:13:06 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 : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:53 PM



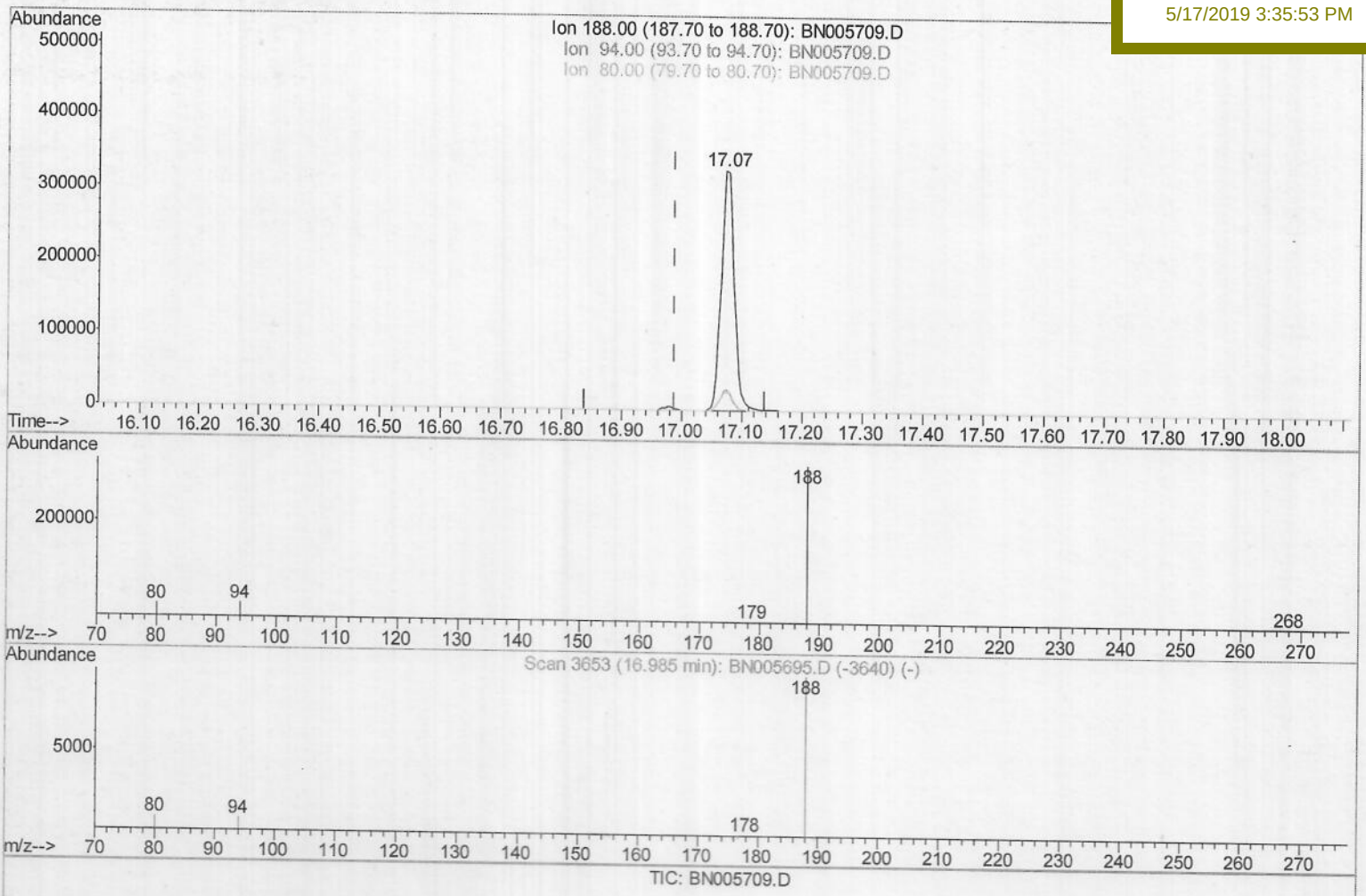
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:09:30 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 : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:53 PM



TIC: BN005709.D

(10) Phenanthrene-d10 (I)

17.074min (+0.084) 0.40ng/ul

response 488877

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.69
80.00	9.80	7.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
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Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:09:30 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
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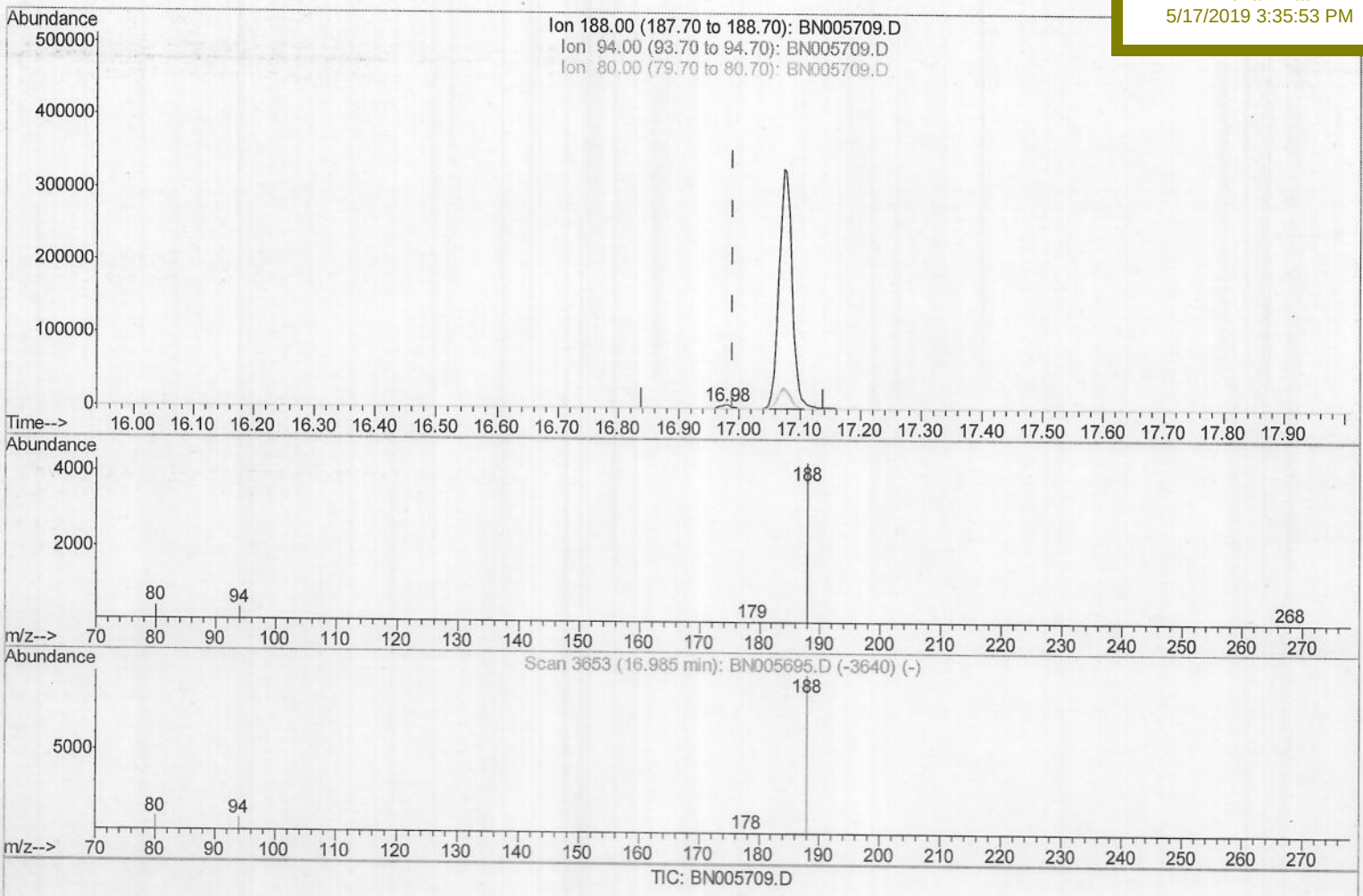
Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:53 PM



TIC: BN005709.D

(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m JJU05/31/19

response 6259

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.43
80.00	9.80	9.32
0.00	0.00	0.00

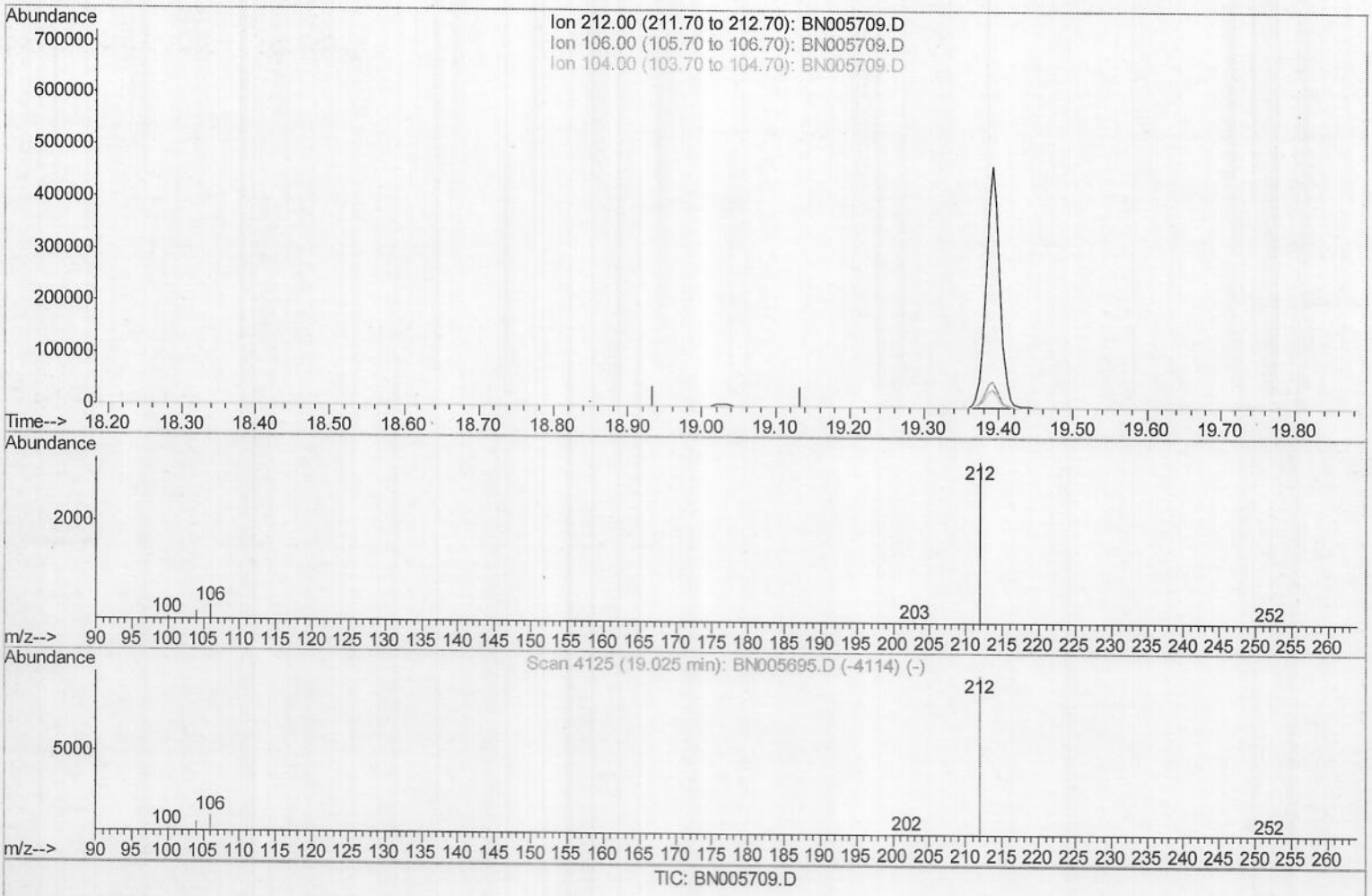
Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:53 PM

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:10:13 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 : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.035min (-19.035) 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

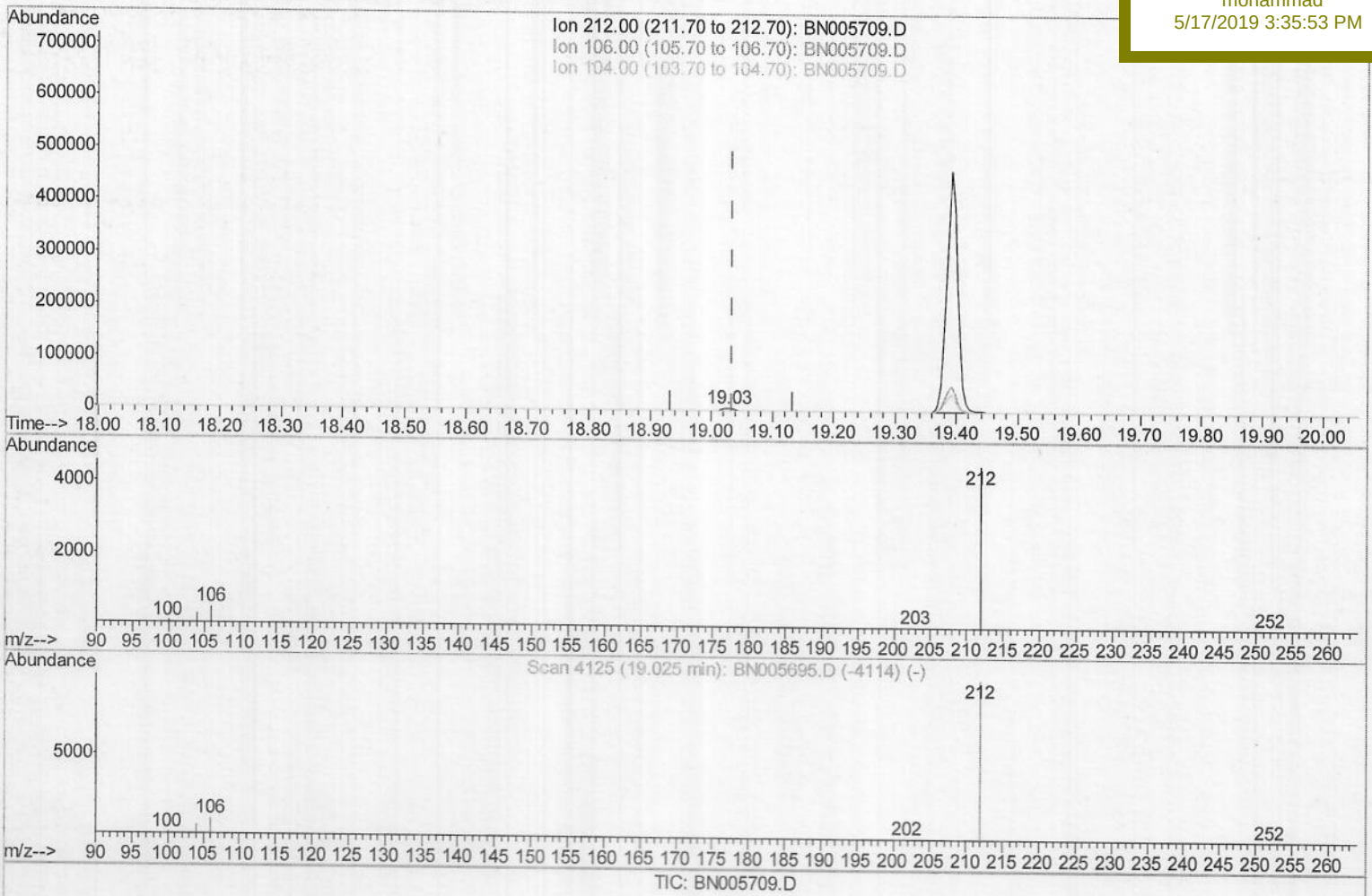
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:10:13 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 : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:53 PM



TIC: BN005709.D

(14) Fluoranthene-d10 (SURR)

19.025min (-0.009) 0.33ng/ul m JJV05/31/19

response 6471

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

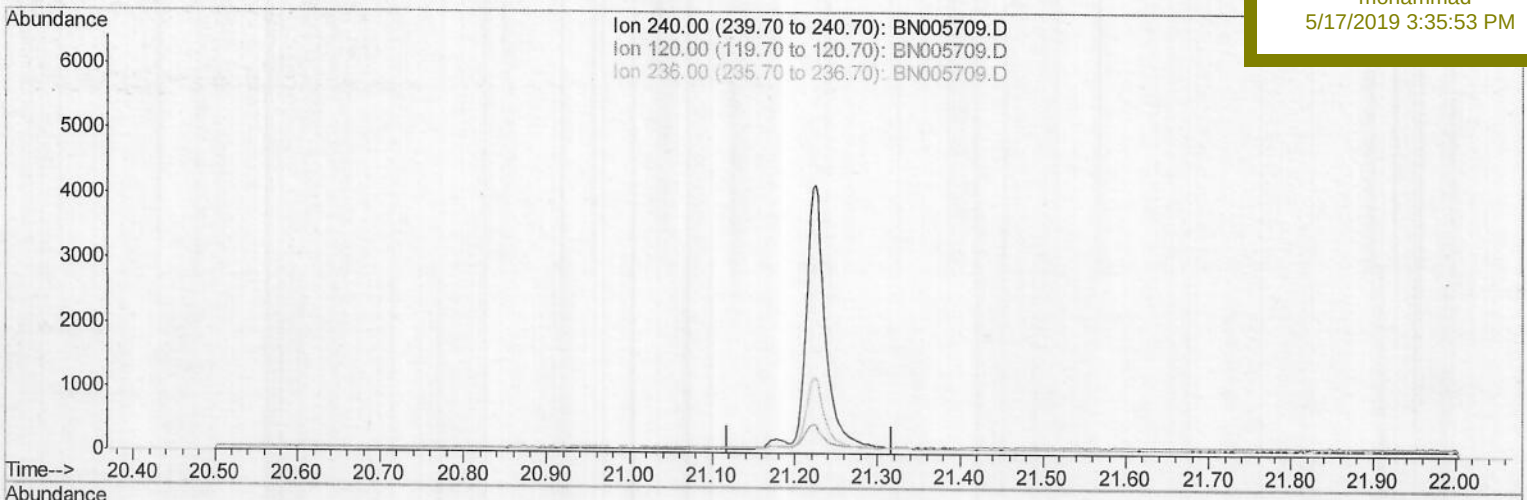
Quantitation Report (Qedit)

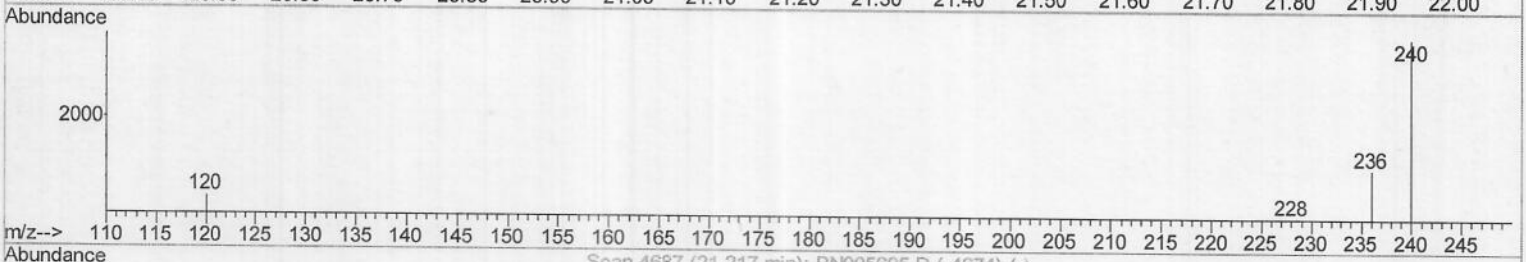
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

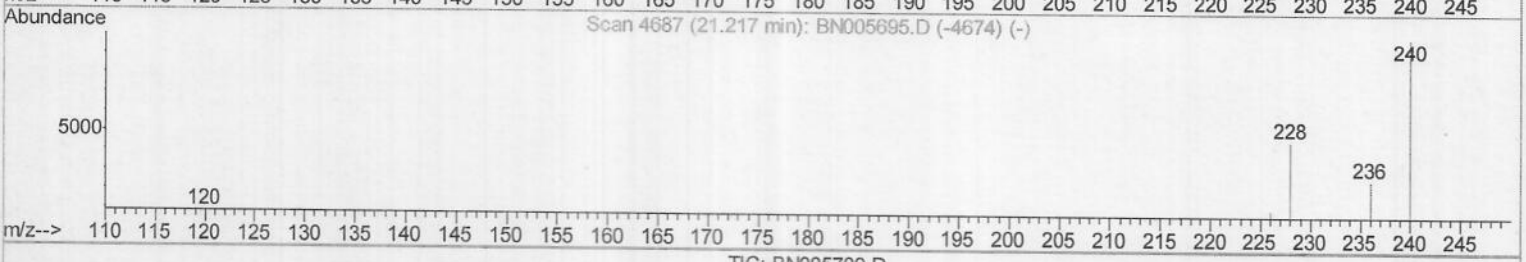
Quant Time: May 16 19:10:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:53 PM







TIC: BN005709.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\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:10:13 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 : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
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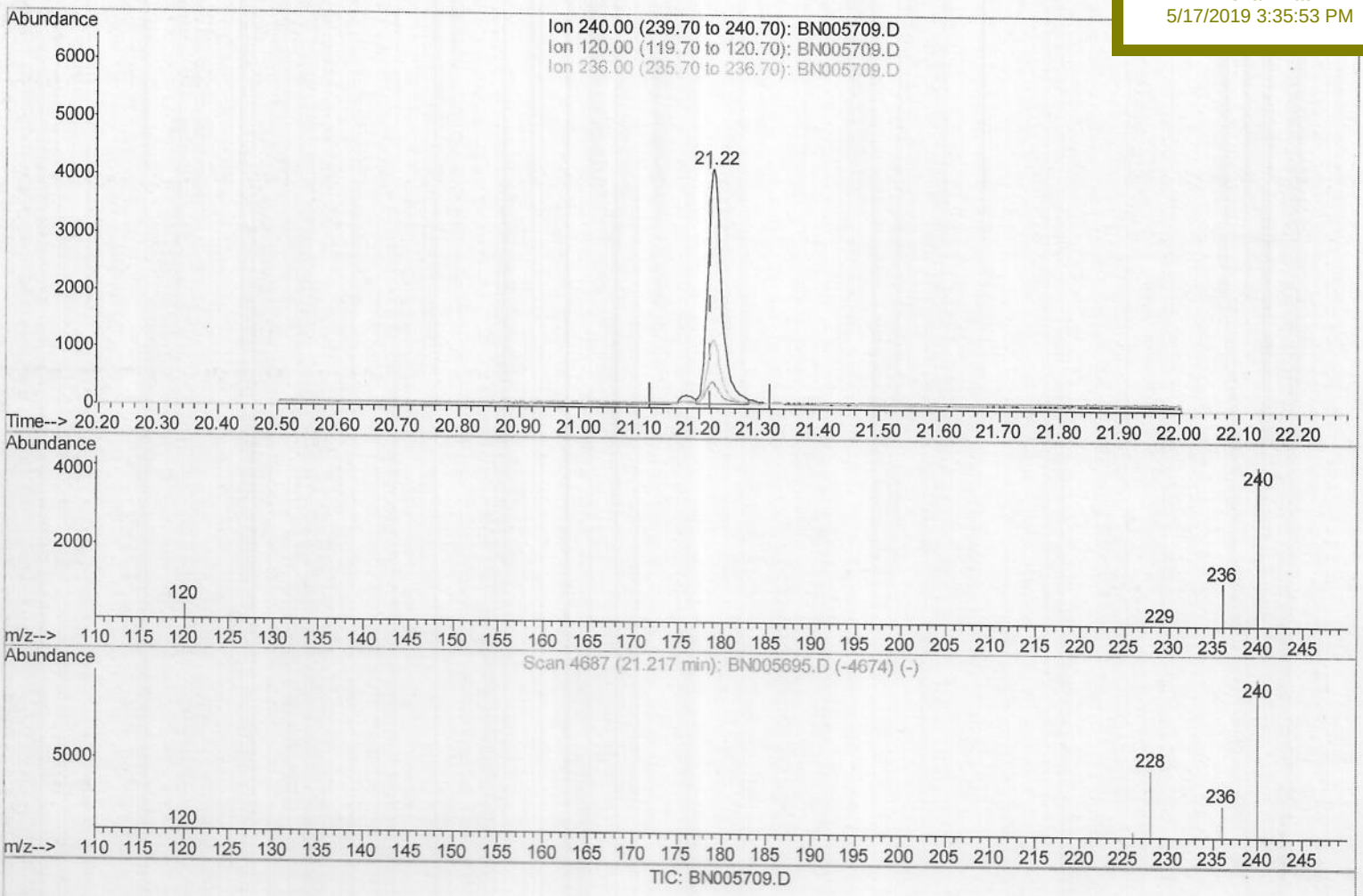

(16) Chrysene-d12 (I)

21.225min (+0.006) 0.40ng/ul m JJU 05/31/19

response 6605

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	10.90
236.00	28.00	28.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:11:53 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 : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
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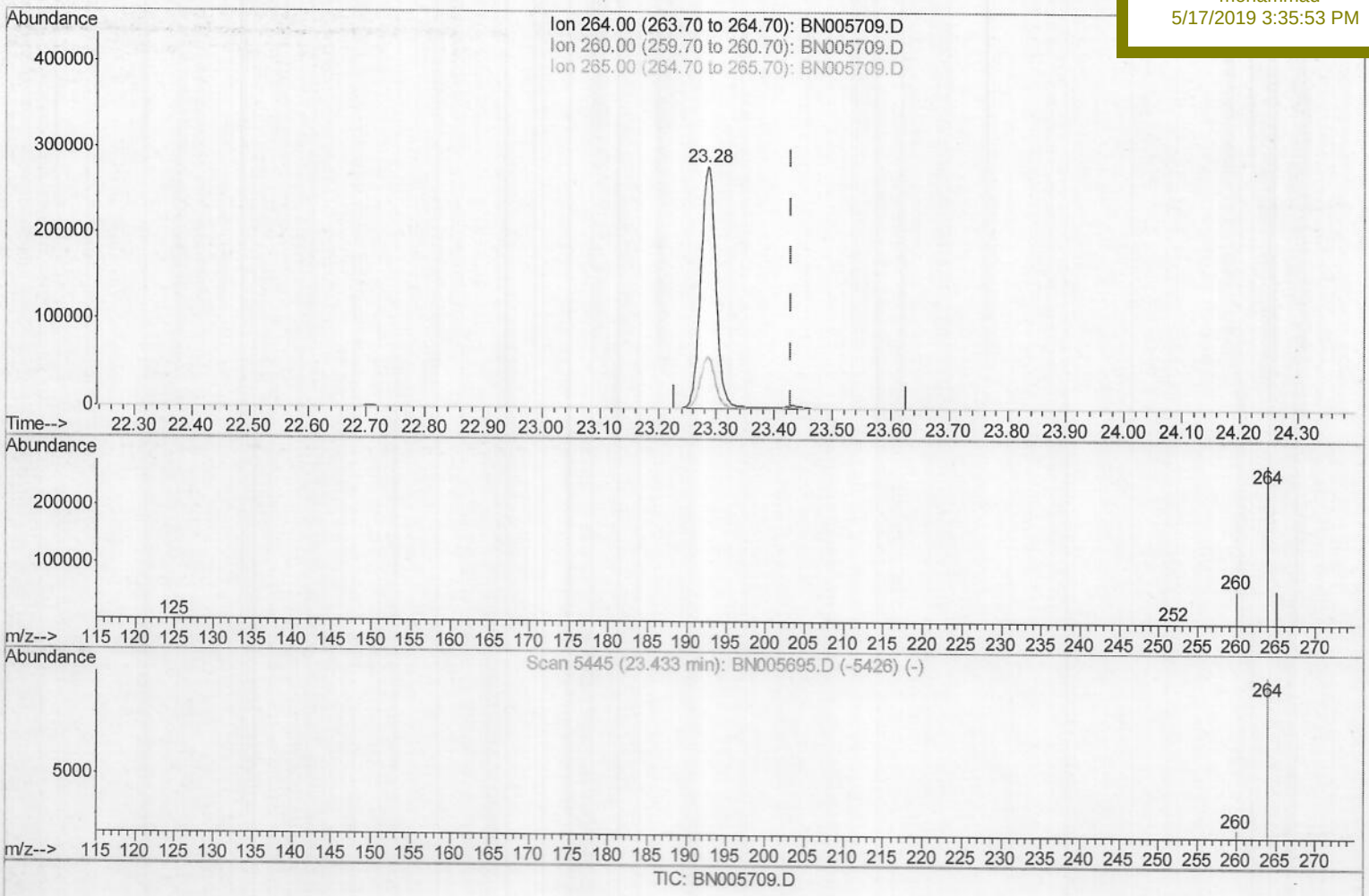


TIC: BN005709.D

(20) Perylene-d12 (I)

23.285min (-0.143) 0.40ng/ul

response 504358

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.82
265.00	31.70	21.33#
0.00	0.00	0.00

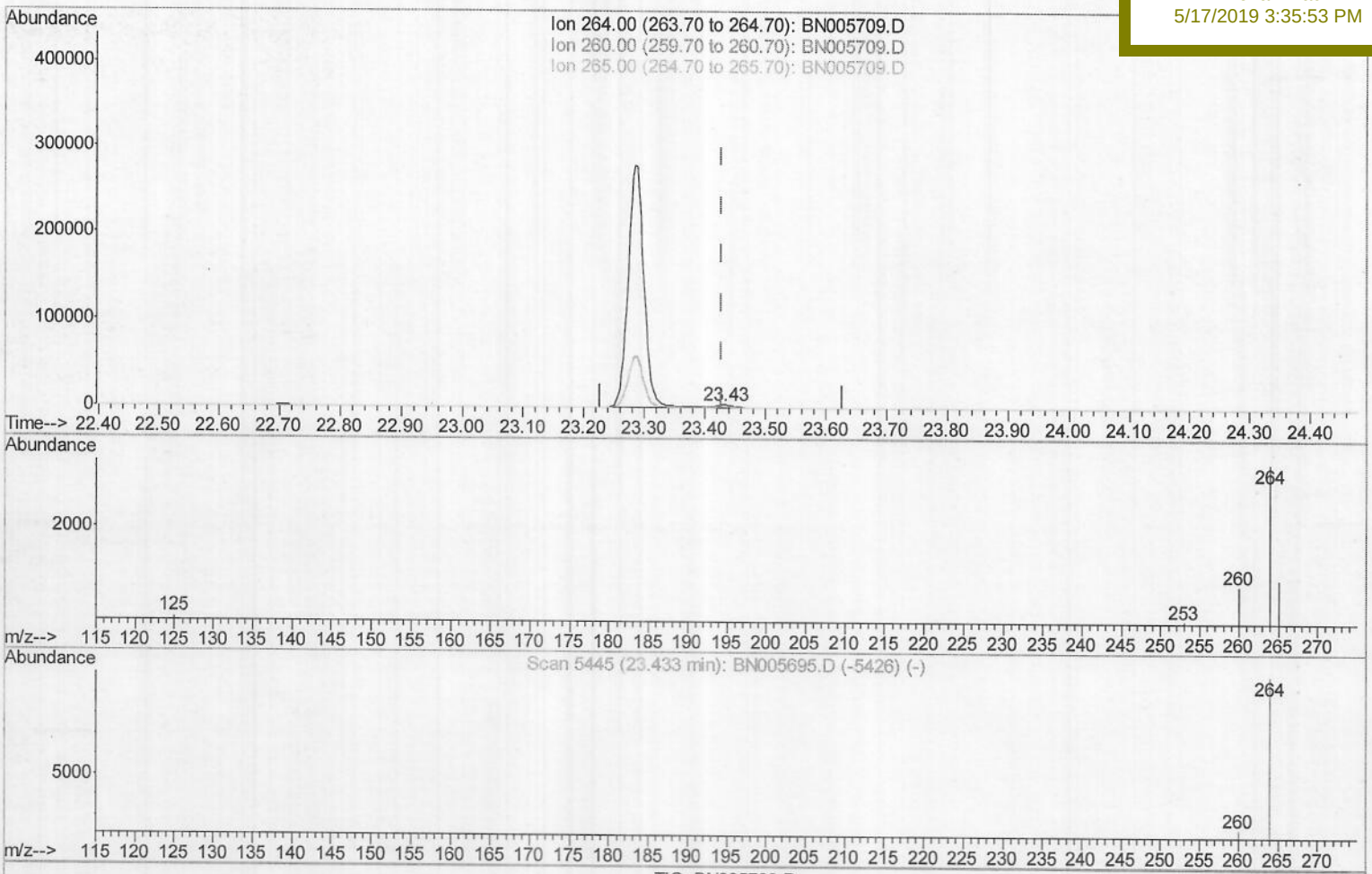
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:11:53 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 : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5188

Manual Integrations APPROVED
mohammad
5/17/2019 3:35:53 PM



(20) Perylene-d12 (I)

23.431min (+0.003) 0.40ng/ul m JJU05/31/19

response 5404

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	26.44
265.00	31.70	30.44
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051619\
Data File : BN005709.D
Acq On : 16 May 2019 18:34
Operator : JU/SJ
Sample : K2788-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 19:13:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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ClientSampleId : A5188

Manual Integrations APPROVED
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5/17/2019 3:35:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	913	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	3940	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	2559	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6259m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	6605m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5404m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2071	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	6471m	0.33	ng/ul	0.00
Target Compounds						Qvalue

JU 05/31/19

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