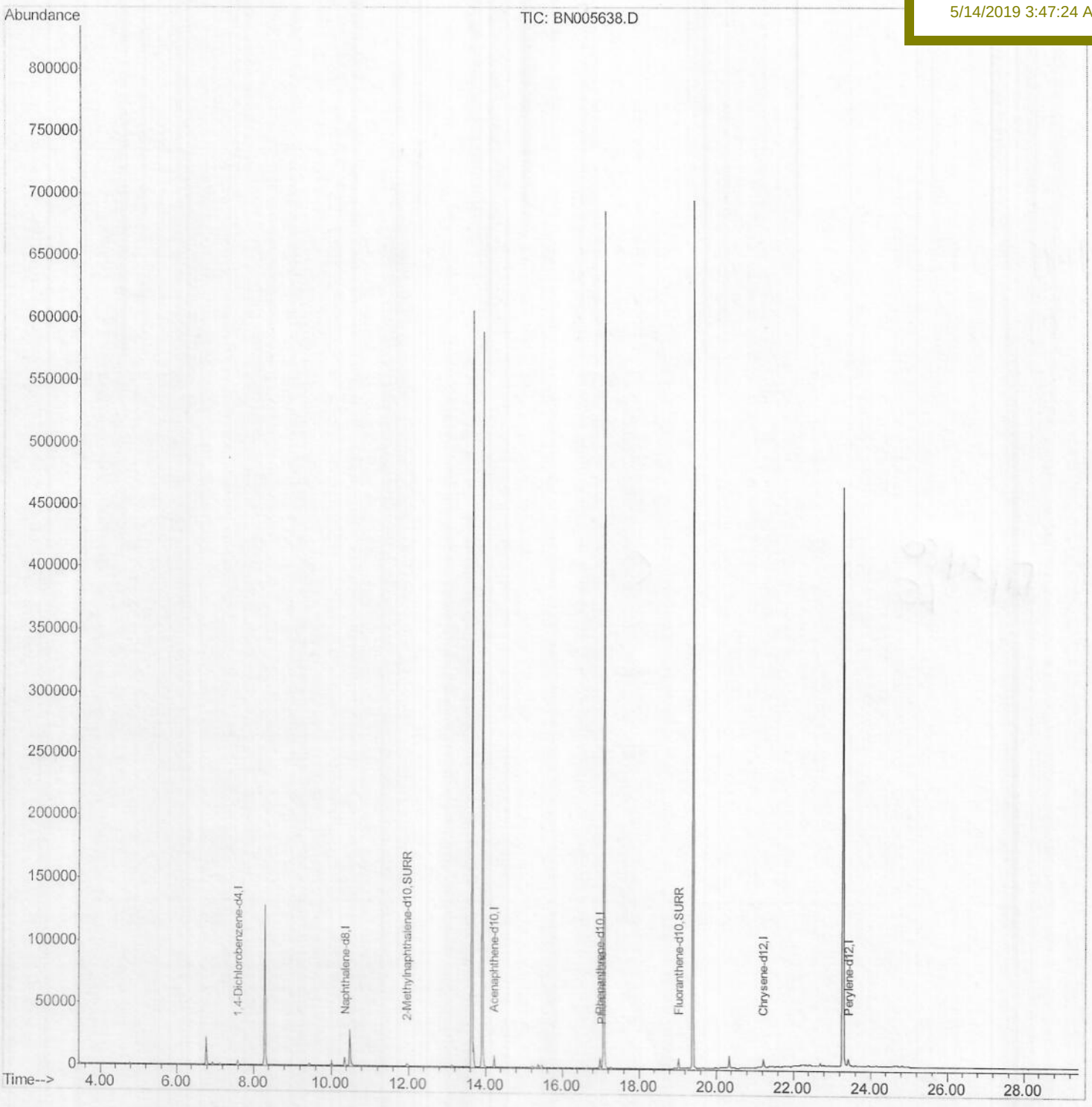
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:55:49 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



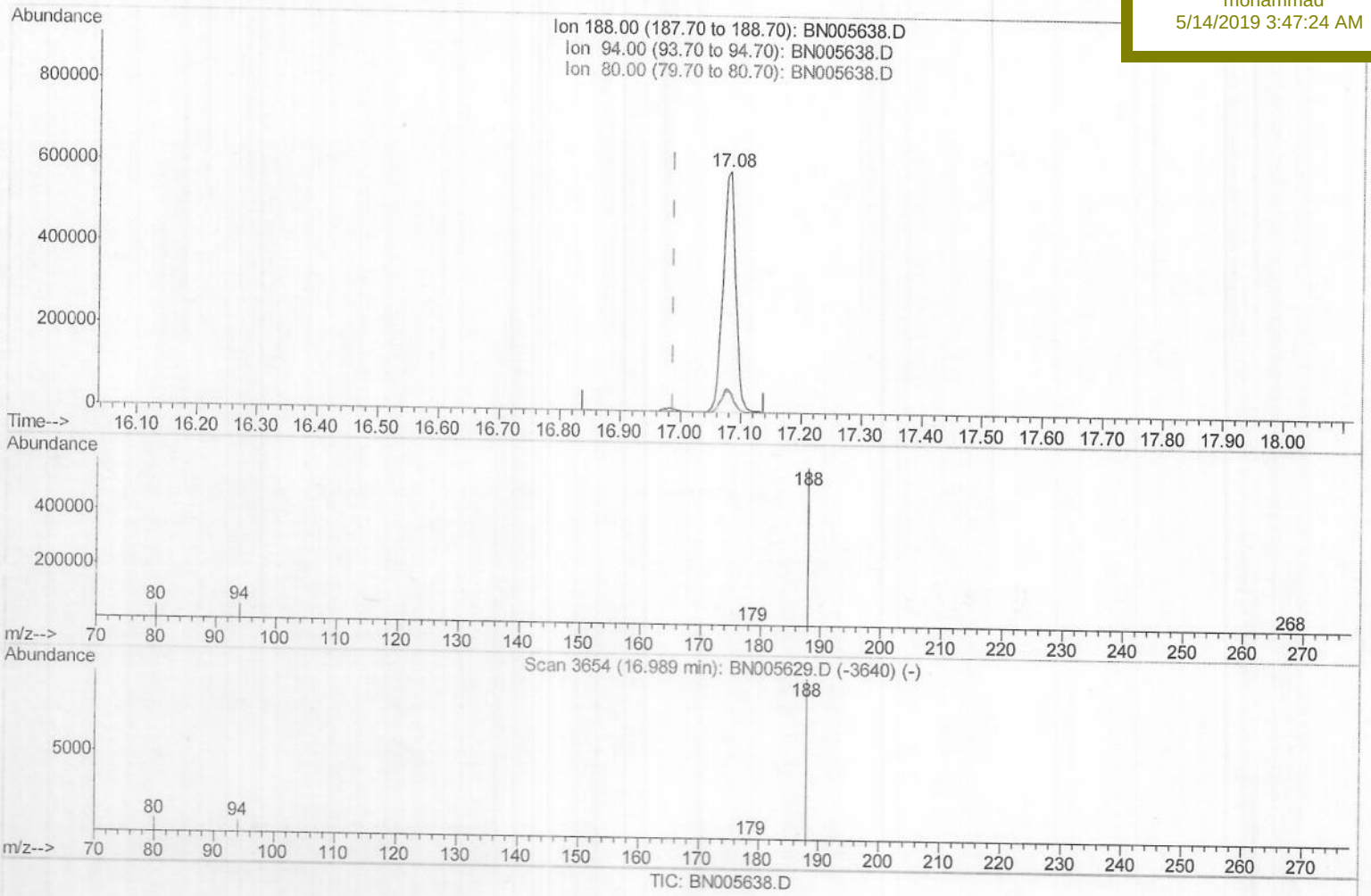
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 00:40:37 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



(10) Phenanthrene-d10 (I)

17.082min (+0.093) 0.40ng/ul

response 849482

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.82
80.00	9.80	7.98
0.00	0.00	0.00

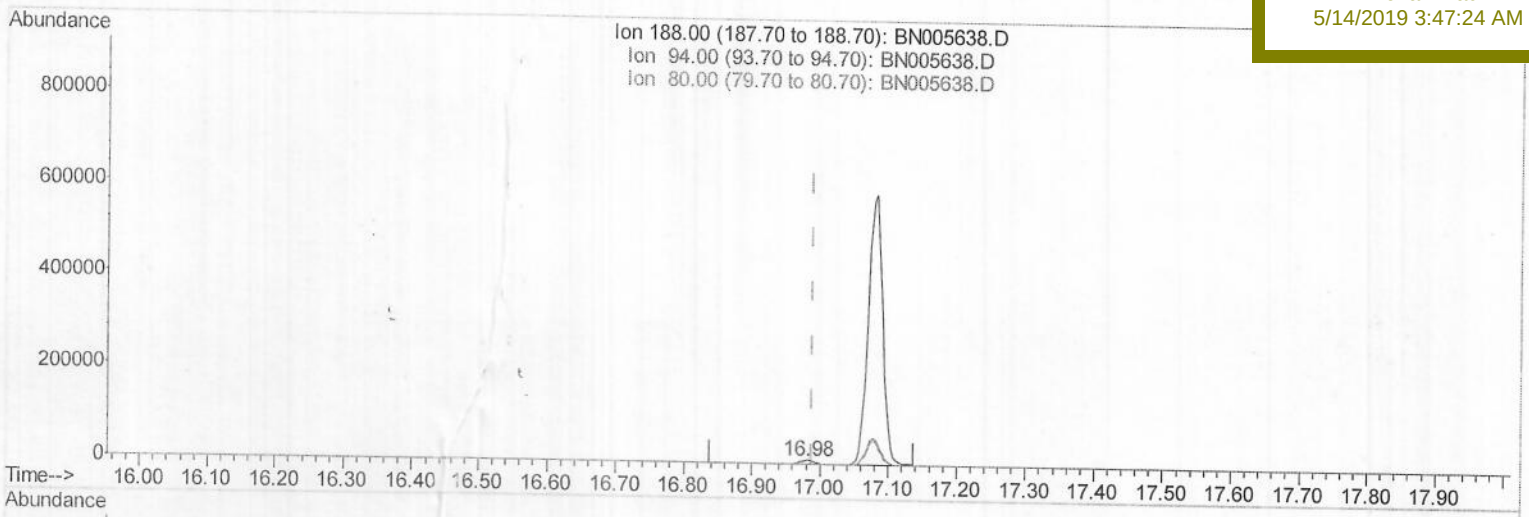
Quantitation Report (Qedit)

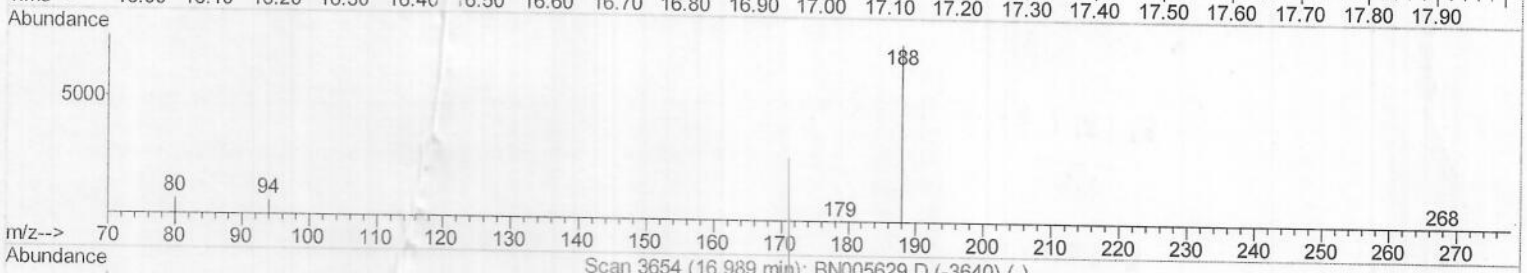
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

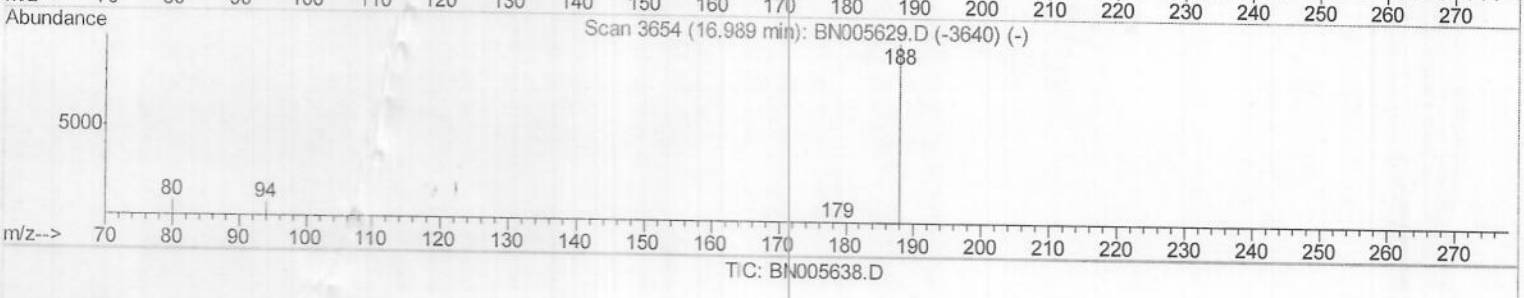
Quant Time: May 12 00:40:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM







(10) Phenanthrene-d10 (I)

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

response 10756

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.00
80.00	9.80	9.88
0.00	0.00	0.00

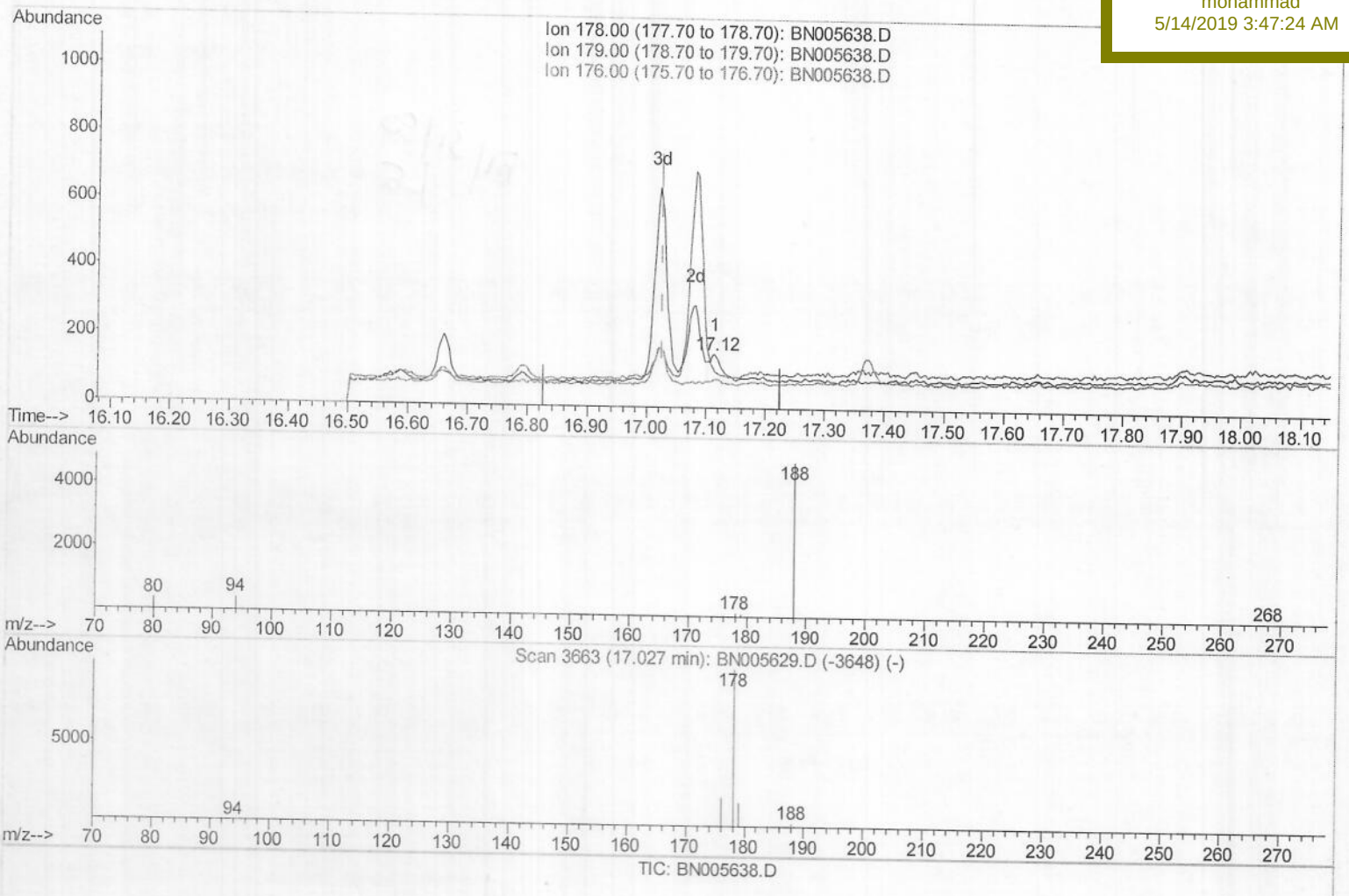
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:50:57 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



TIC: BN005638.D

(12) Phenanthrene

17.116min (+0.088) 0.00ng/ul

response 98

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	67.74#
176.00	19.10	54.19#
0.00	0.00	0.00

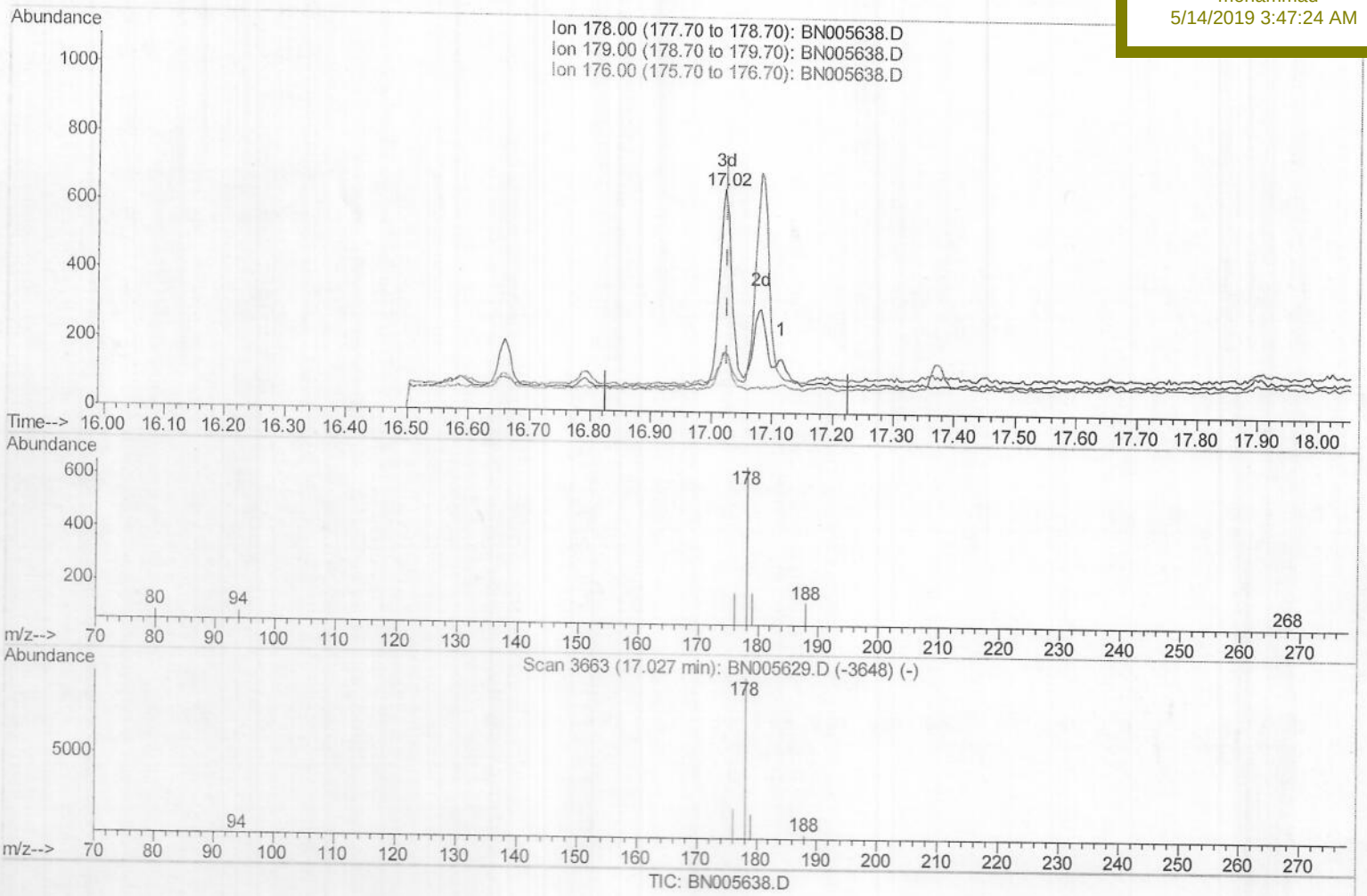
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:50:57 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



(12) Phenanthrene

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

response 791

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	26.74#
176.00	19.10	26.89#
0.00	0.00	0.00

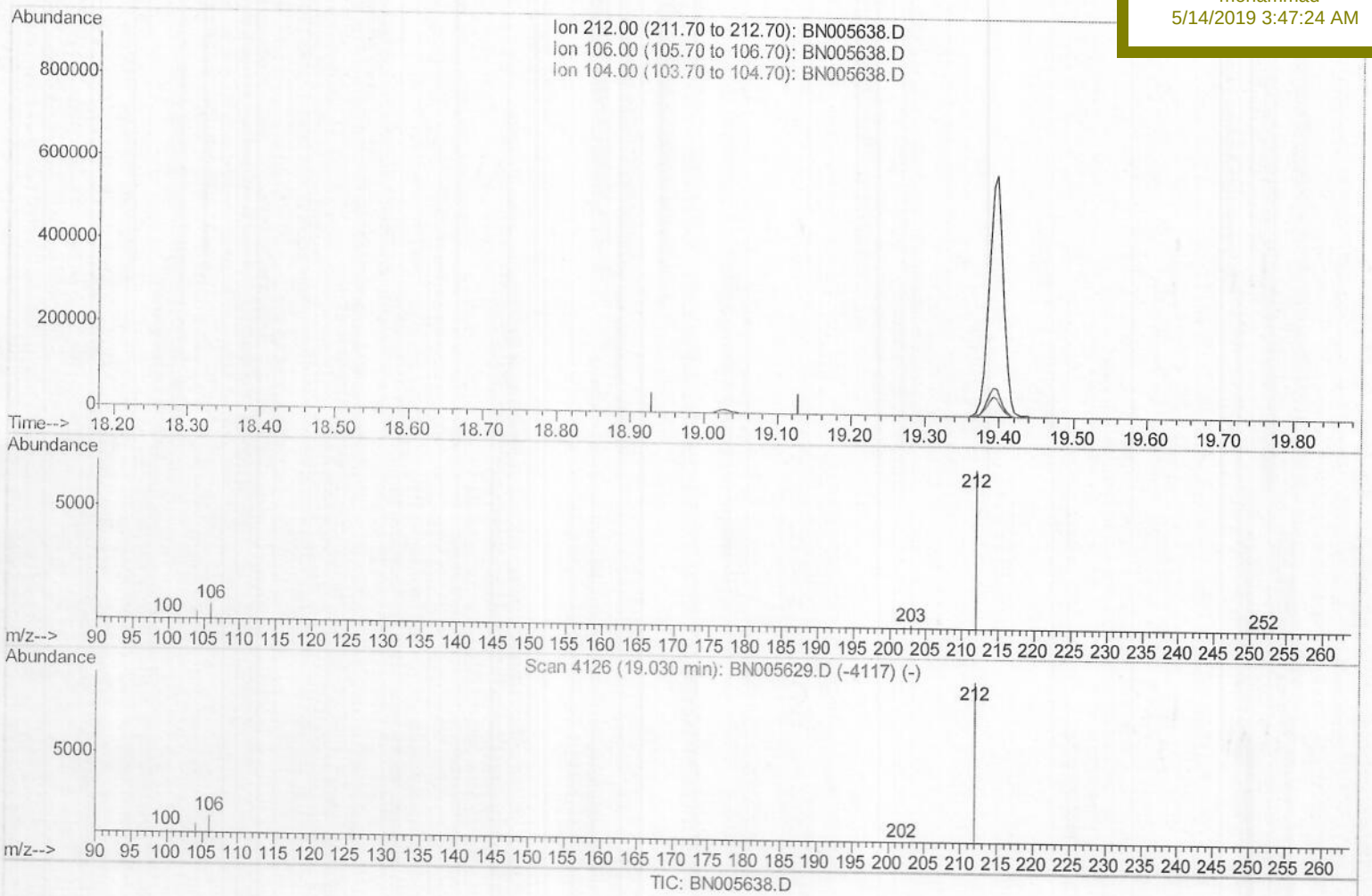
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:52:05 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 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

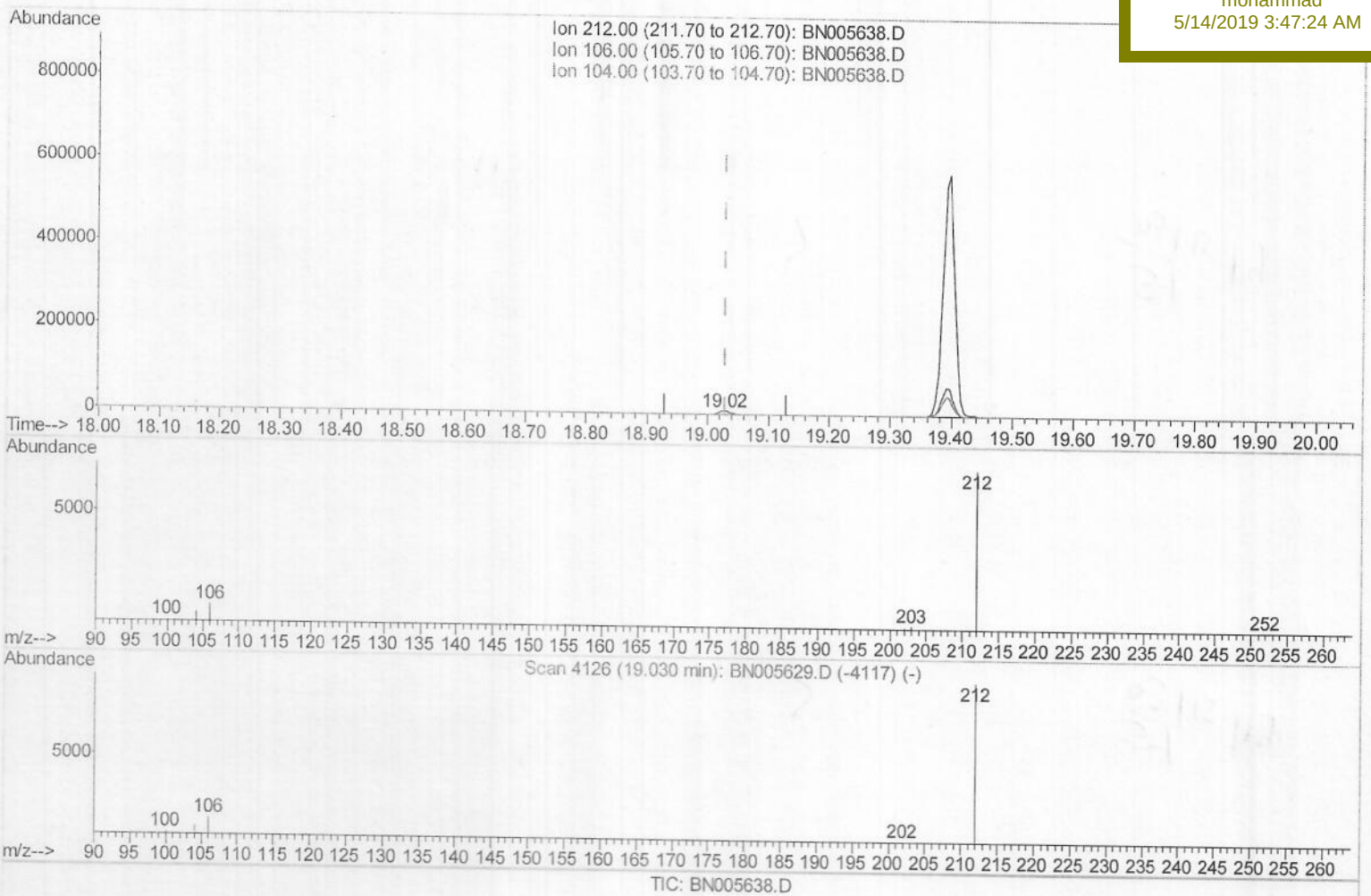
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:52:05 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



(14) Fluoranthene-d10 (SURR)

19.025min (-0.005) 0.30ng/ul m SJ JU05/14/19

response 10071

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

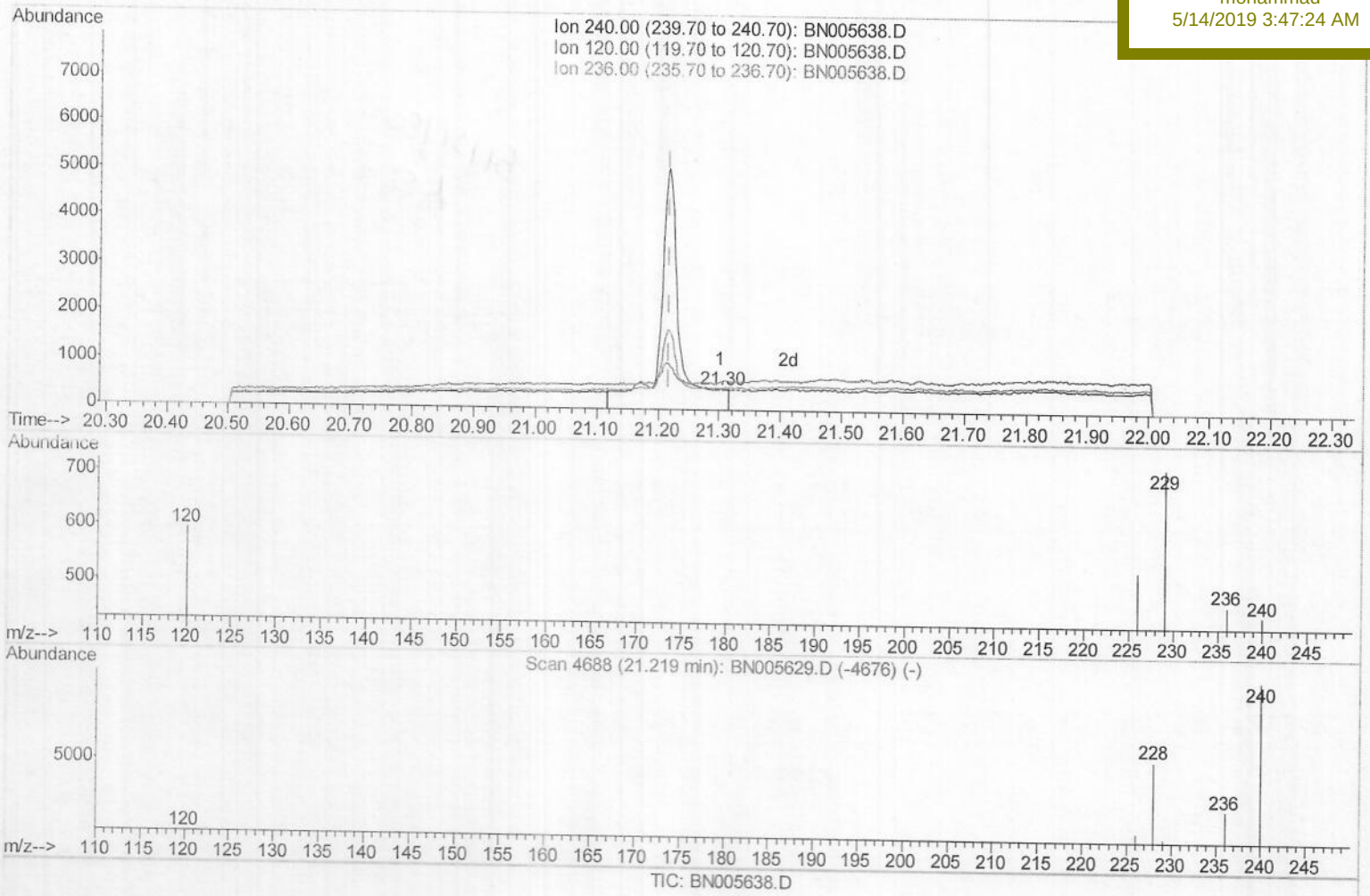
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:52:59 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



TIC: BN005638.D

(16) Chrysene-d12 (I)

21.302min (+0.083) 0.40ng/ul

response 61

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	132.00#
236.00	28.00	104.22#
0.00	0.00	0.00

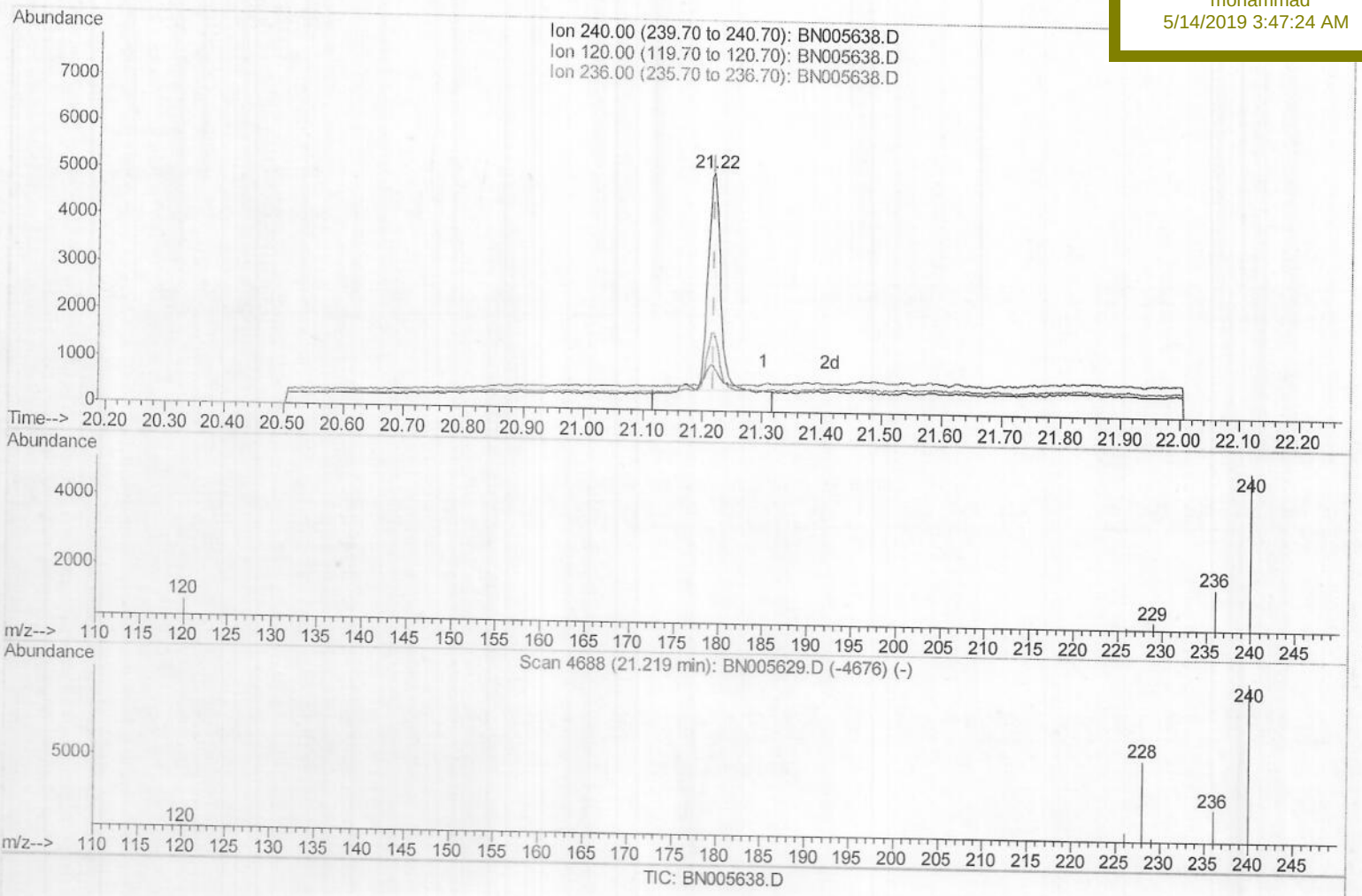
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:52:59 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



TIC: BN005638.D

(16) Chrysene-d12 (I)

21.217min (-0.001) 0.40ng/ul m) JU05/14/19

response 6635

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	19.15#
236.00	28.00	33.29
0.00	0.00	0.00

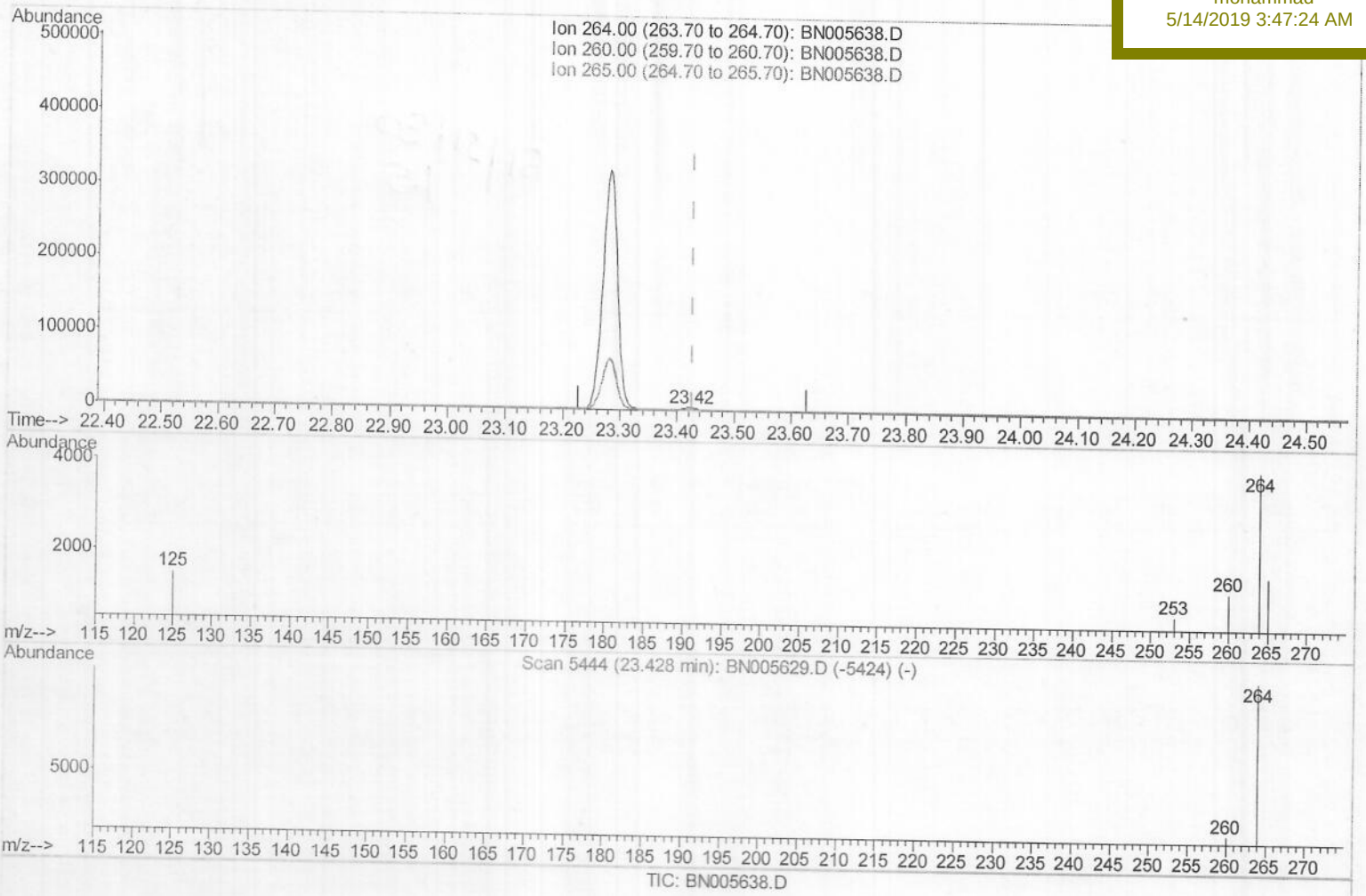
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:53:26 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



(20) Perylene-d12 (I)

23.421min (-0.007) 0.40ng/ul

response 7801

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	33.83#
265.00	31.70	42.65#
0.00	0.00	0.00

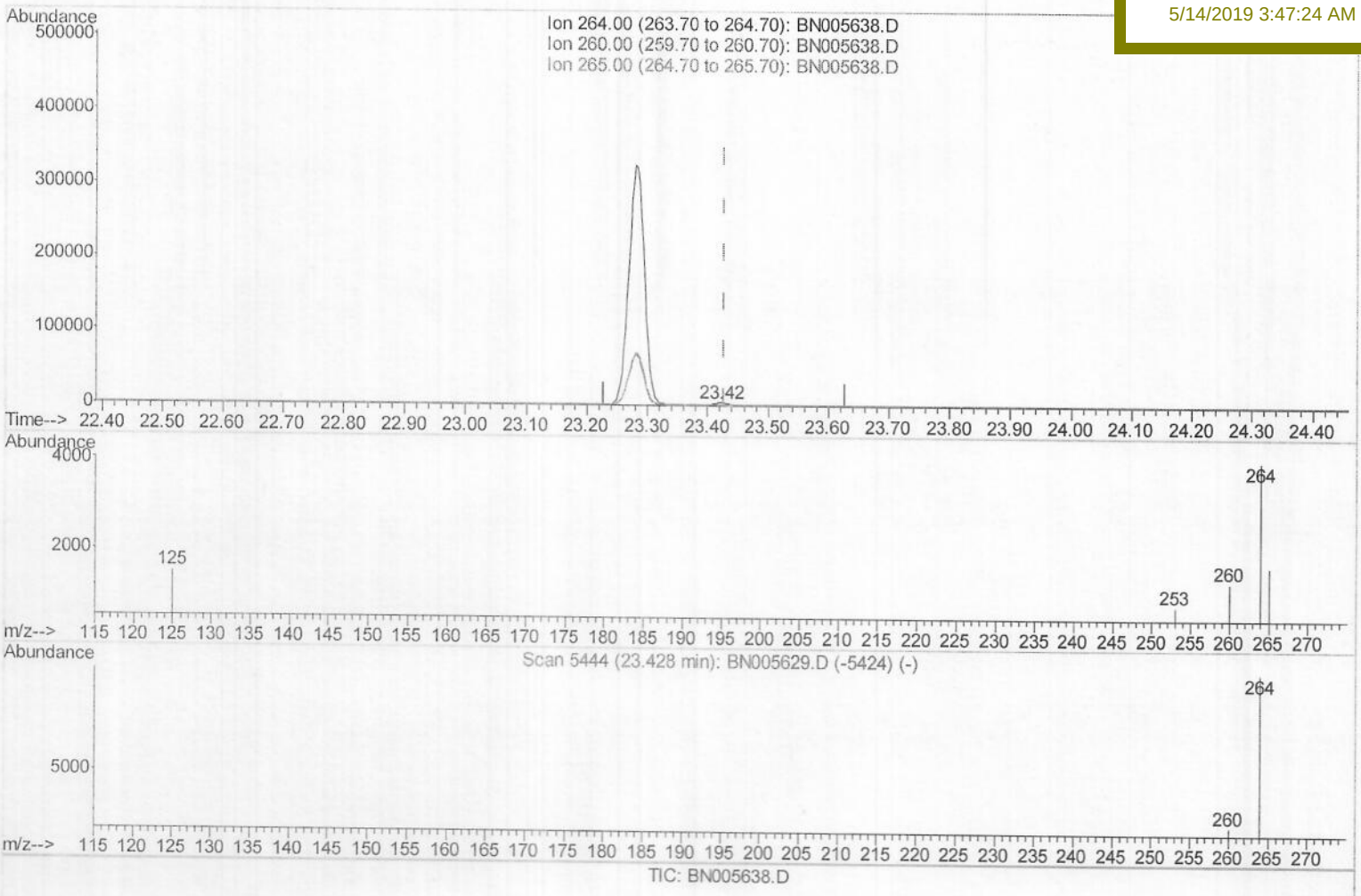
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:53:26 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 :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM



(20) Perylene-d12 (I)

23.421min (-0.007) 0.40ng/ul m JU 05/14/19

response 5799

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	33.83#
265.00	31.70	42.65#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005638.D
Acq On : 11 May 2019 21:51
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 12 01:55:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2138	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8632	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5201	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10756m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6635m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	5799m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4523	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.02	212	10071m	0.30	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.02	178	791m	0.027	ng/ul	

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

Instrument :
BNA_N
ClientSampleId :
A5145

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:24 AM

JU 05/14/19