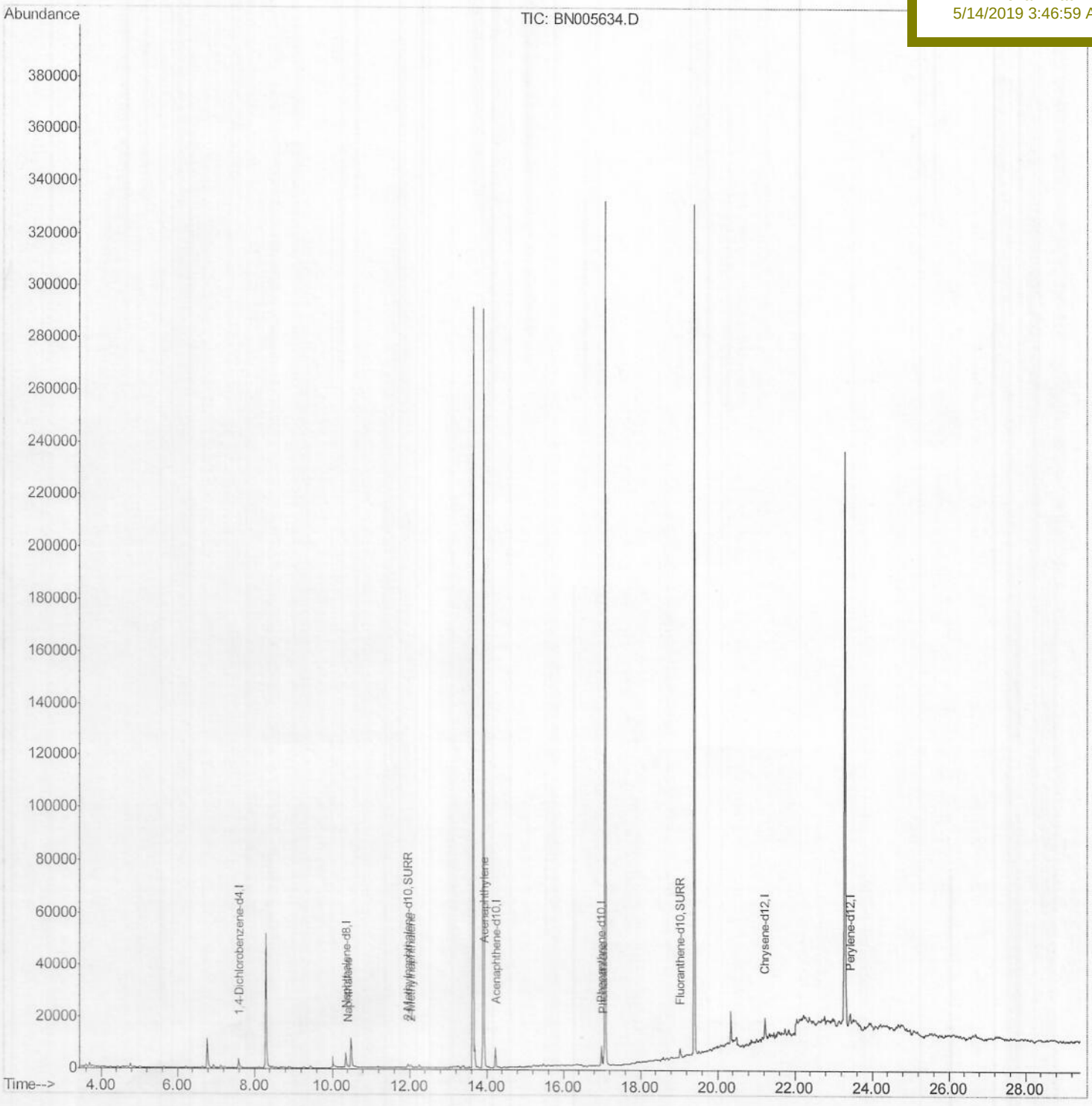
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 01:31:41 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



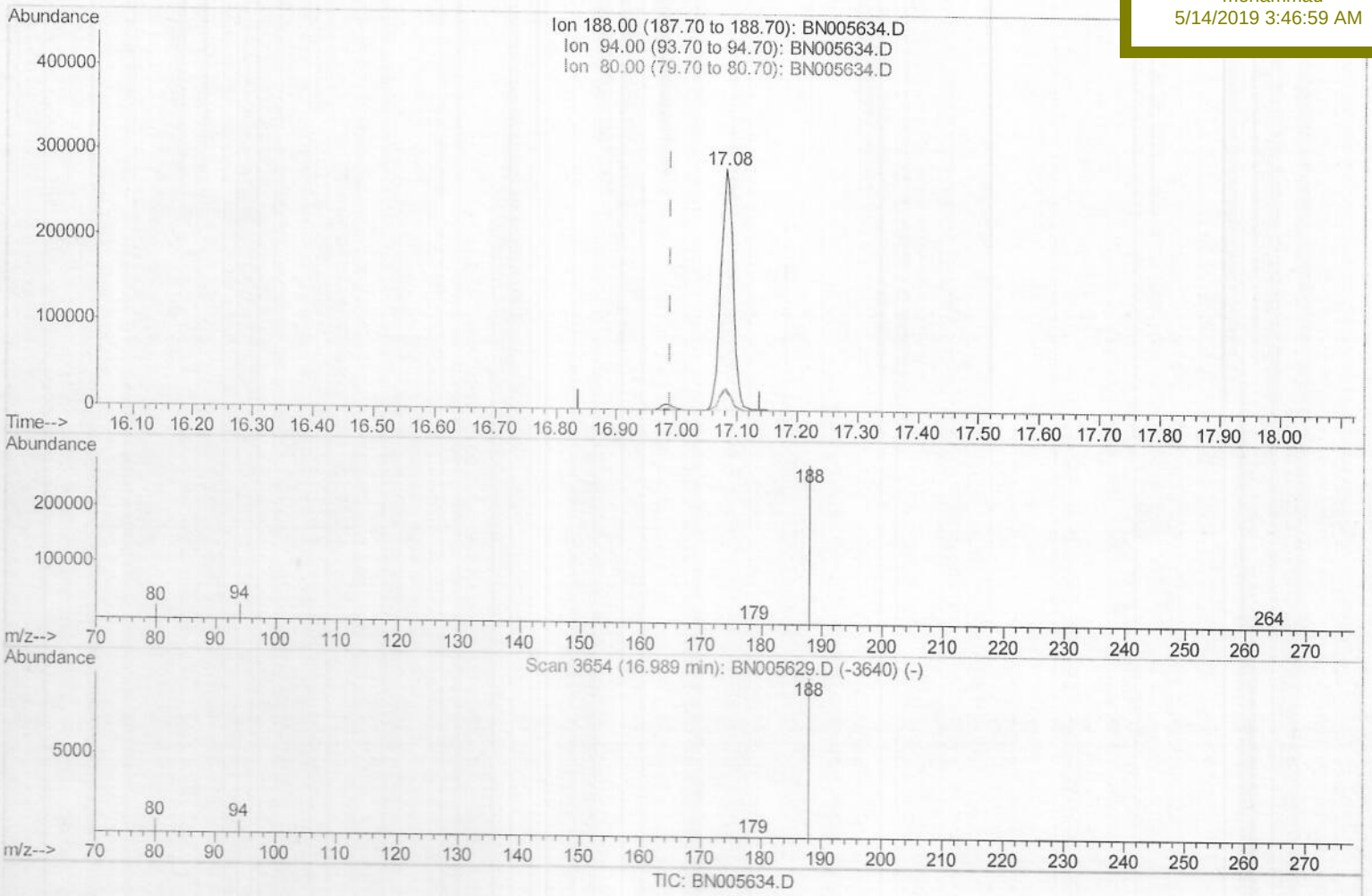
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 00:40:17 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



TIC: BN005634.D

(10) Phenanthrene-d10 (I)

17.082min (+0.093) 0.40ng/ul

response 394094

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.09
80.00	9.80	8.20
0.00	0.00	0.00

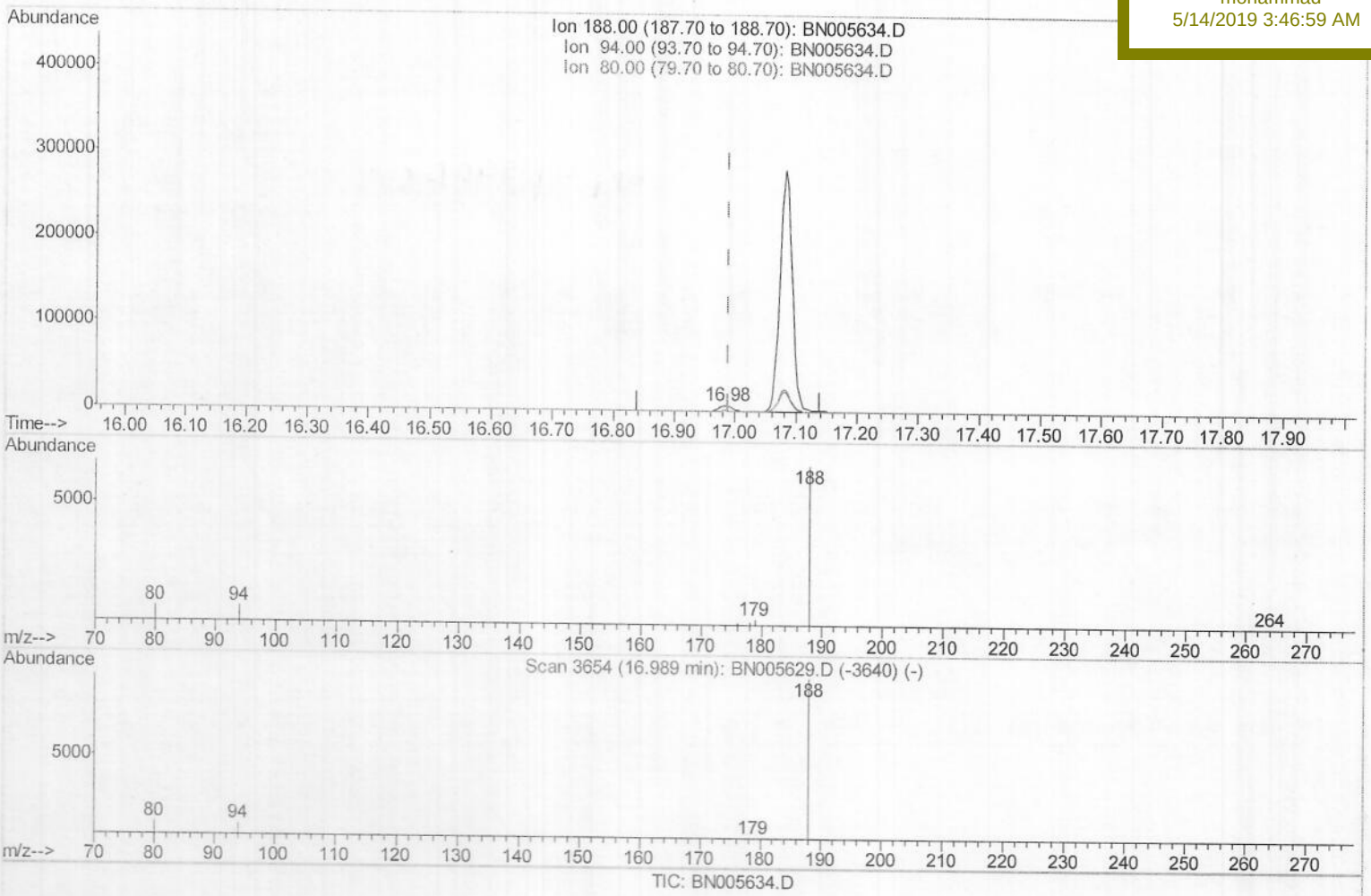
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 00:40:17 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



(10) Phenanthrene-d10 (I)

16.985min (-0.004) 0.40ng/ul m) JU 05/14/19

response 9036

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	11.06
80.00	9.80	10.90
0.00	0.00	0.00

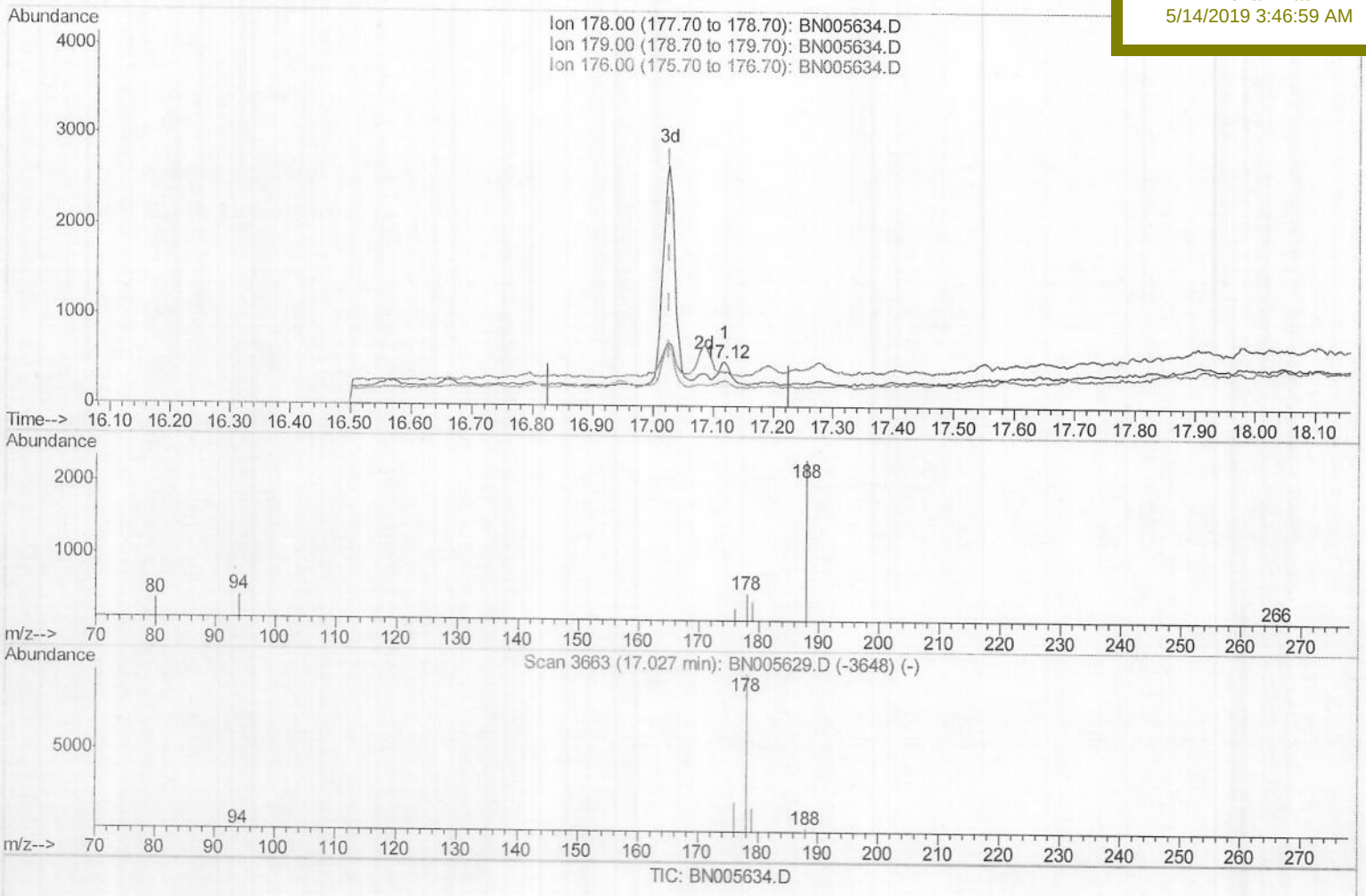
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 01:27:50 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



TIC: BN005634.D

(12) Phenanthrene

17.120min (+0.093) 0.02ng/ul

response 389

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	77.28#
176.00	19.10	58.62#
0.00	0.00	0.00

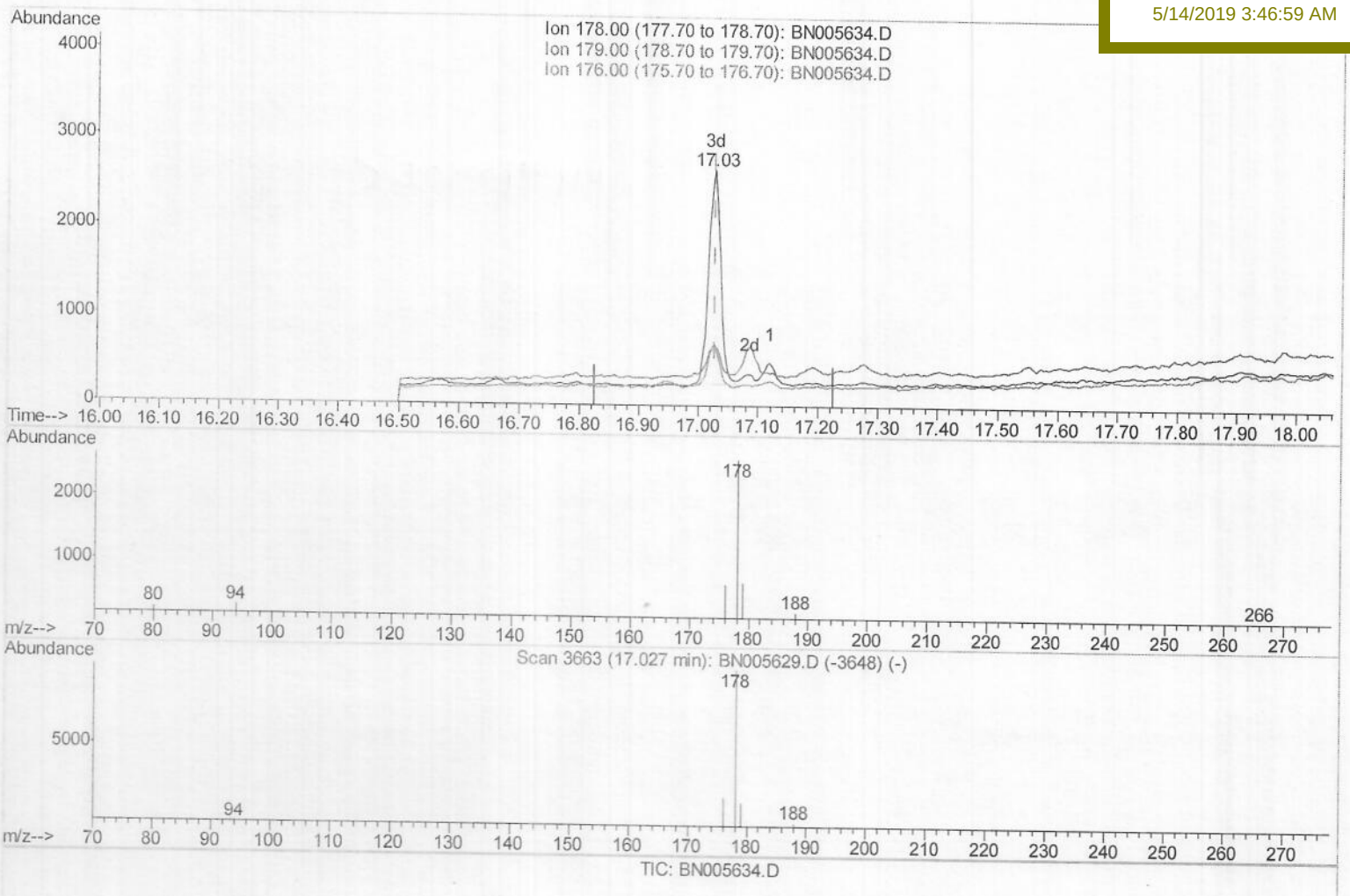
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 01:27:50 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



(12) Phenanthrene

17.027min (-0.000) 0.14ng/ul m) JU 05/14/19

response 3343

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	26.51#
176.00	19.10	24.82#
0.00	0.00	0.00

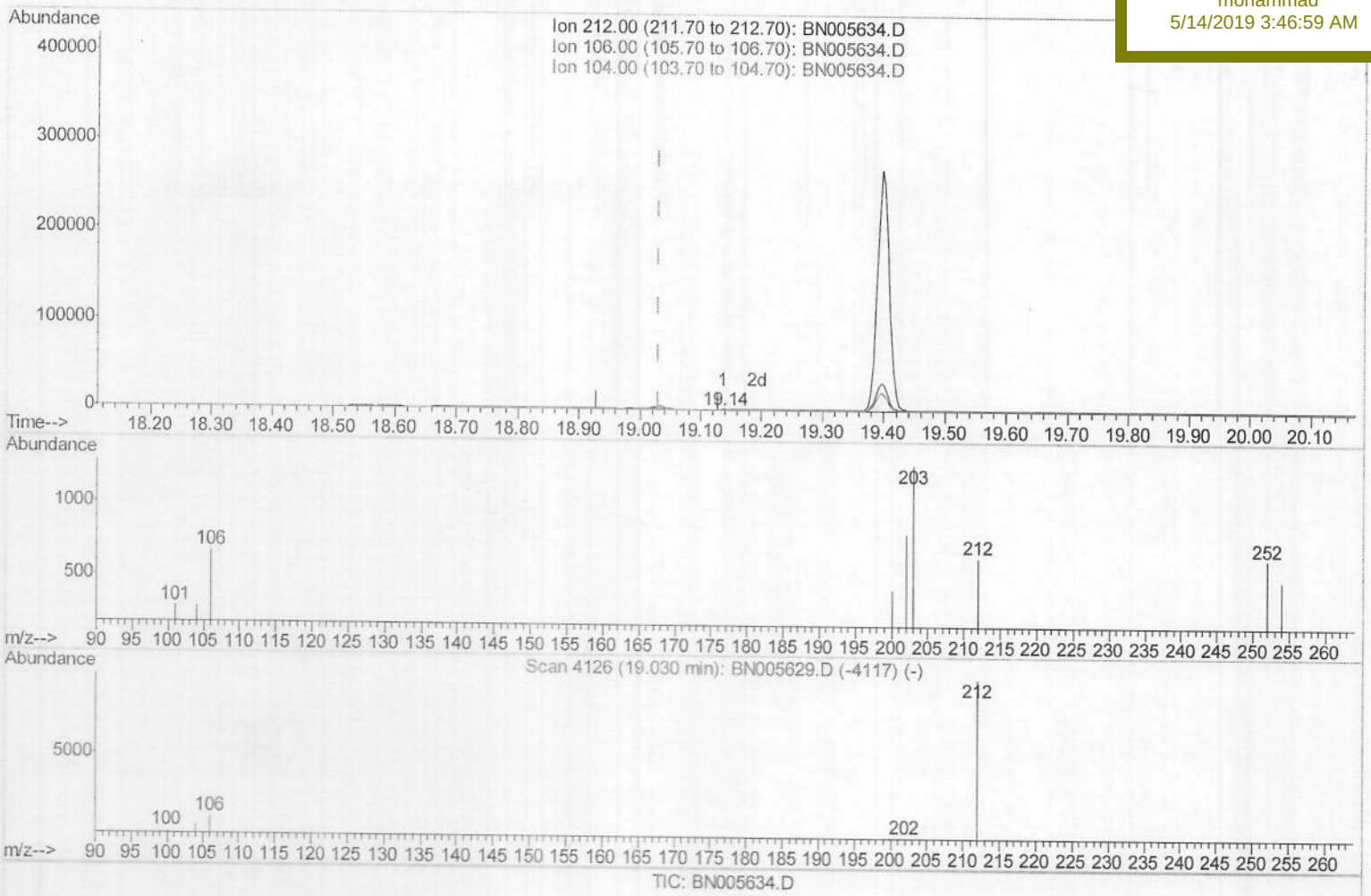
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 01:27:50 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



(14) Fluoranthene-d10 (SURR)

19.137min (+0.107) 0.01ng/ul

response 328

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	16.16#
0.00	0.00	0.00

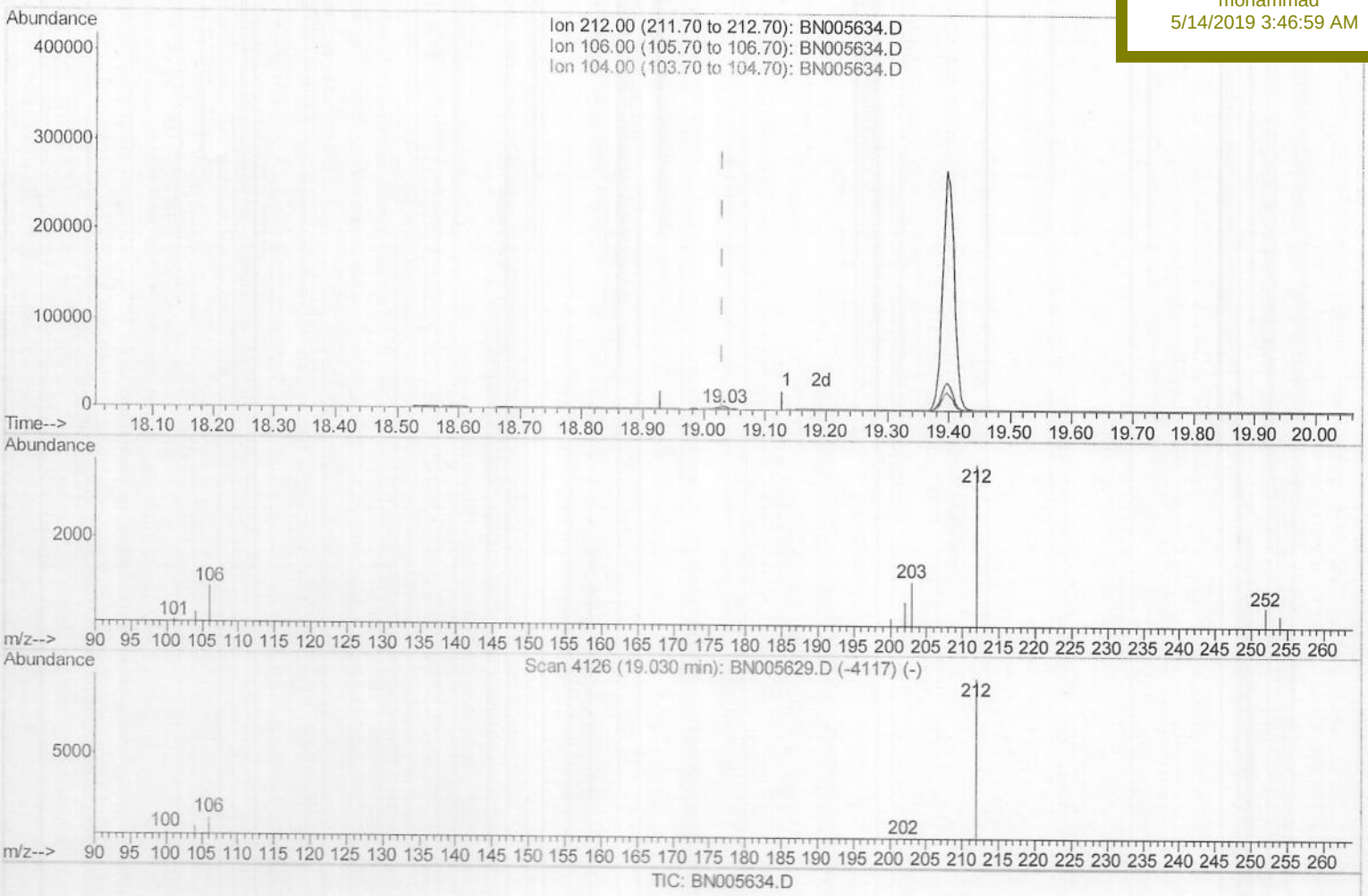
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 01:27:50 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



(14) Fluoranthene-d10 (SURR)

19.030min (-0.000) 0.14ng/ul m 5/05/14/19

response 4098

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	1.29#
0.00	0.00	0.00

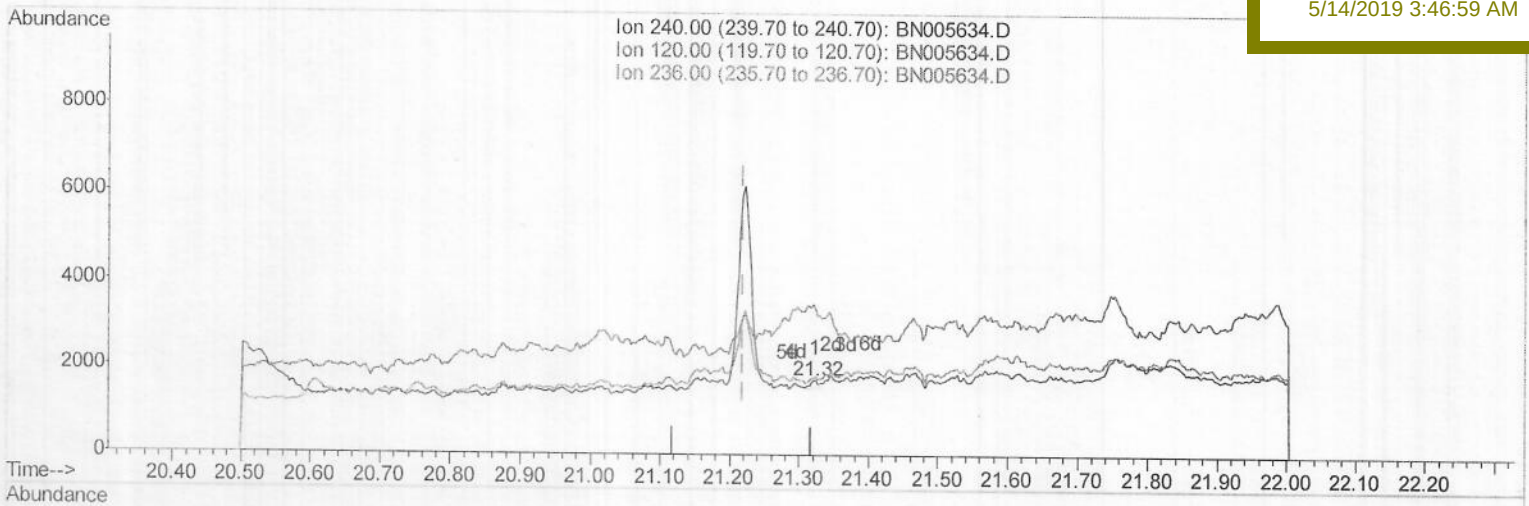
Quantitation Report (Qedit)

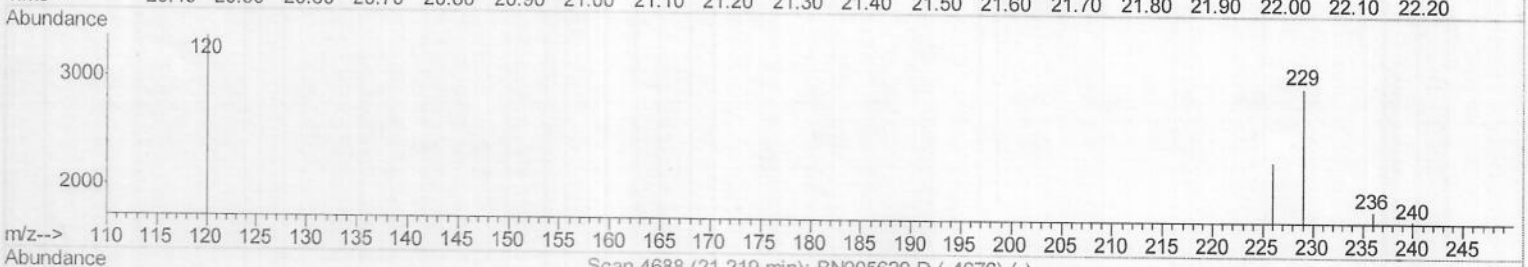
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

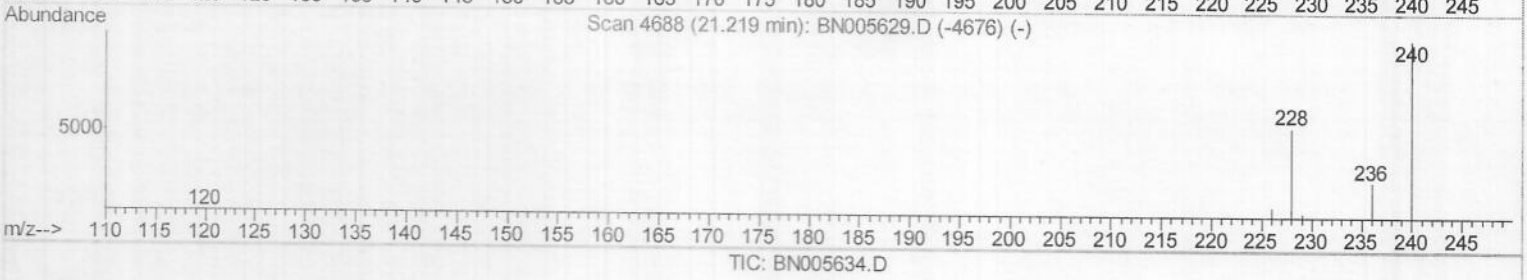
Quant Time: May 12 01:30:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM







TIC: BN005634.D

(16) Chrysene-d12 (I)

21.324min (+0.105) 0.40ng/ul

response 138

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	194.39#
236.00	28.00	105.32#
0.00	0.00	0.00

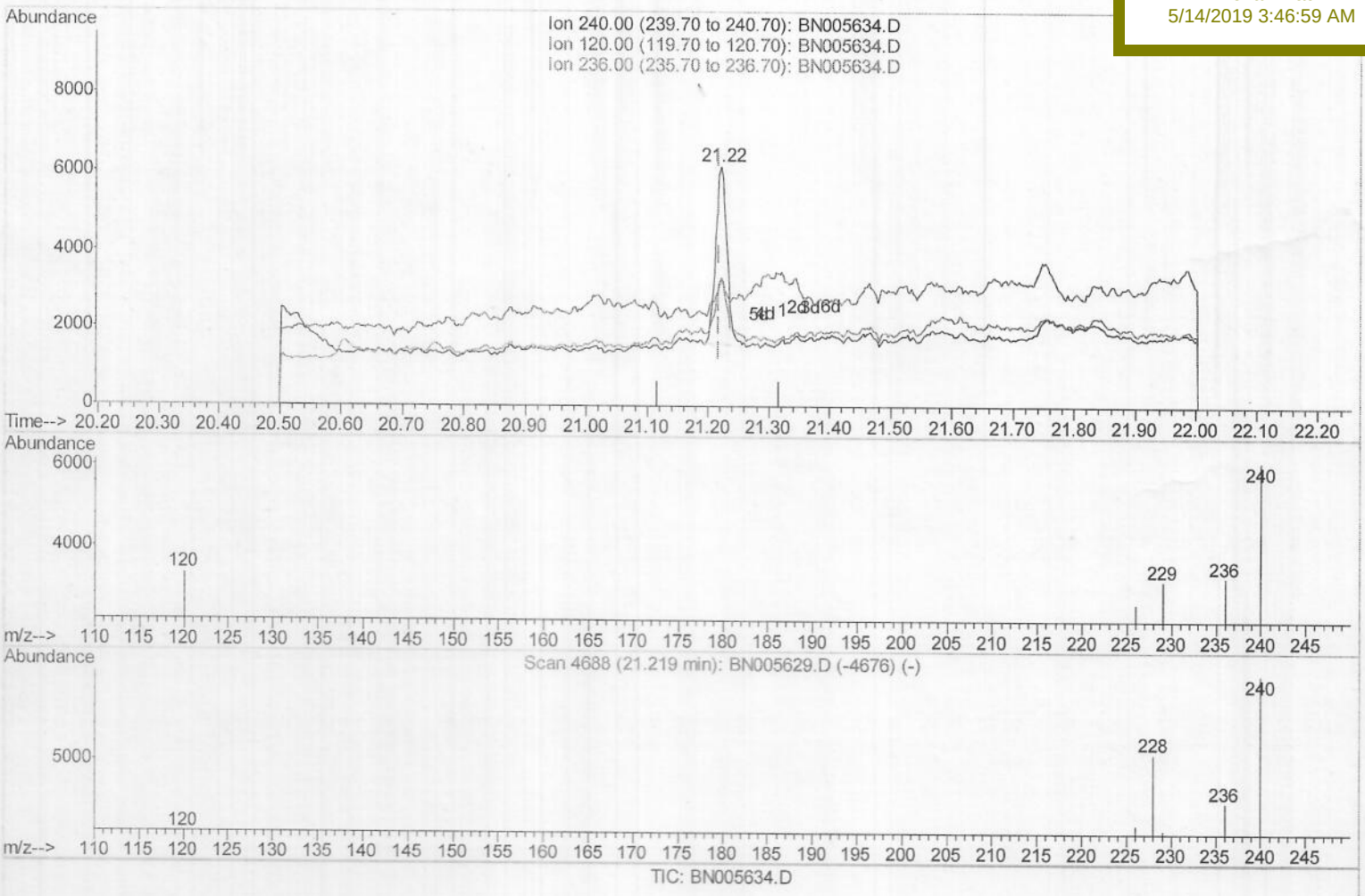
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 01:30:12 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 :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM



(16) Chrysene-d12 (I)

21.221min (+0.003) 0.40ng/ul m) JU05/14/19

response 5873

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	54.26#
236.00	28.00	53.03#
0.00	0.00	0.00

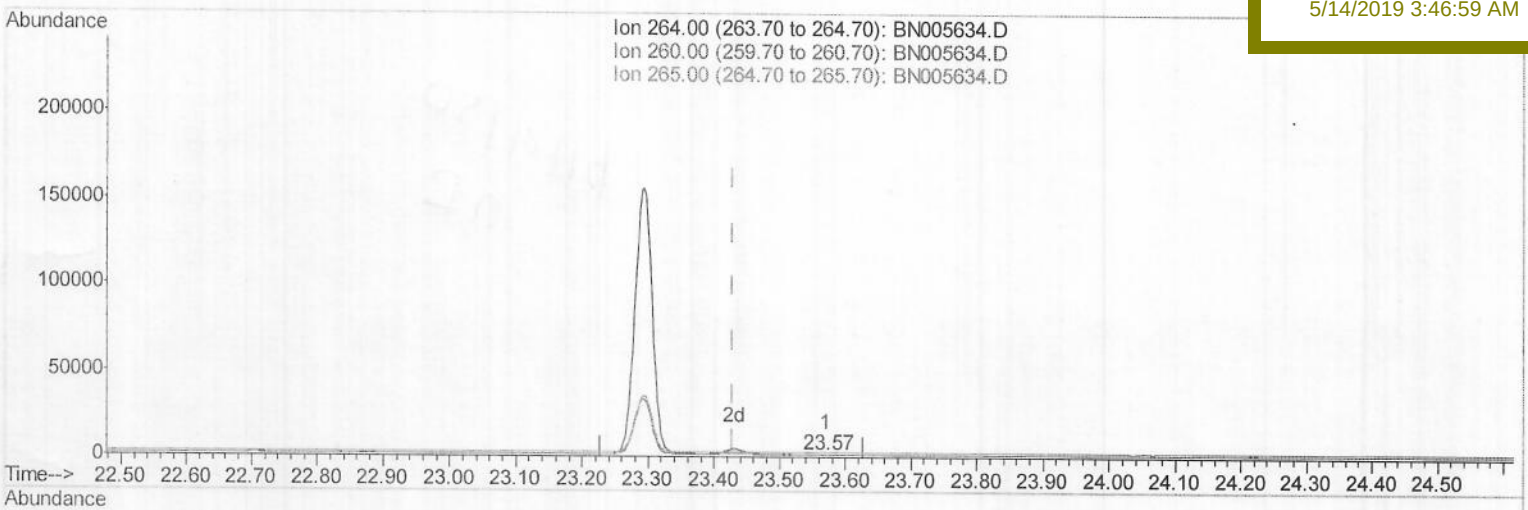
Quantitation Report (Qedit)

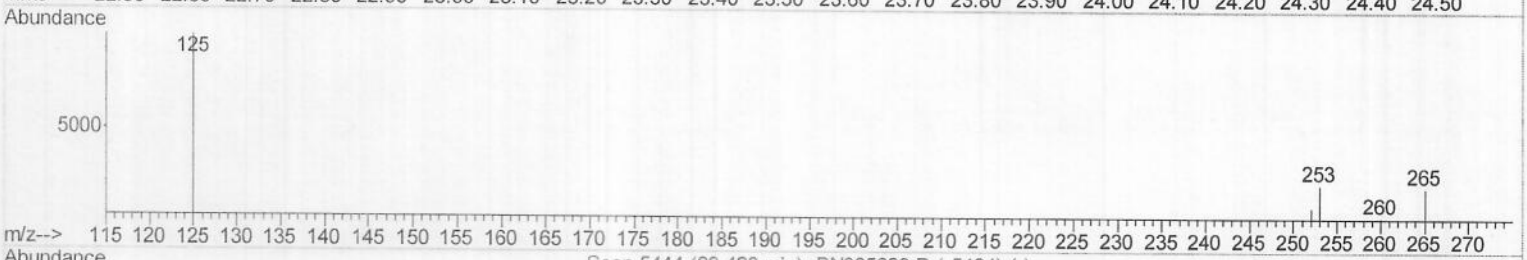
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

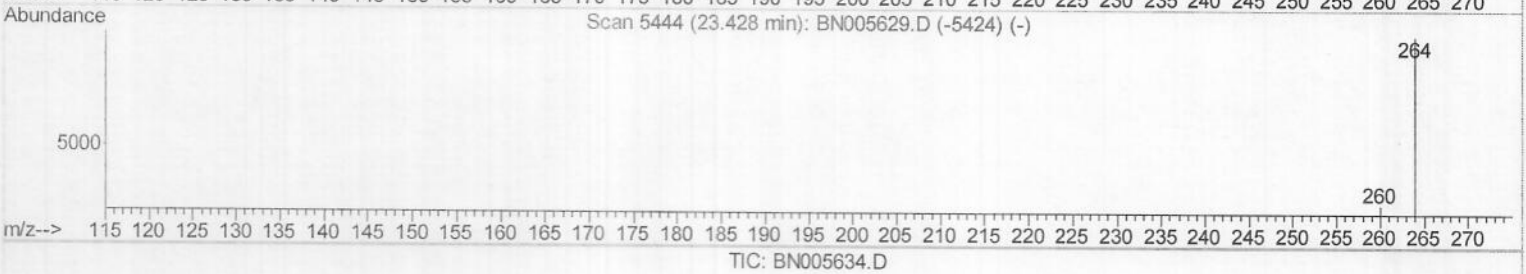
Quant Time: May 12 01:30:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM







TIC: BN005634.D

(20) Perylene-d12 (I)

23.571min (+0.143) 0.40ng/ul

response 295

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	103.59#
265.00	31.70	171.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 01:30:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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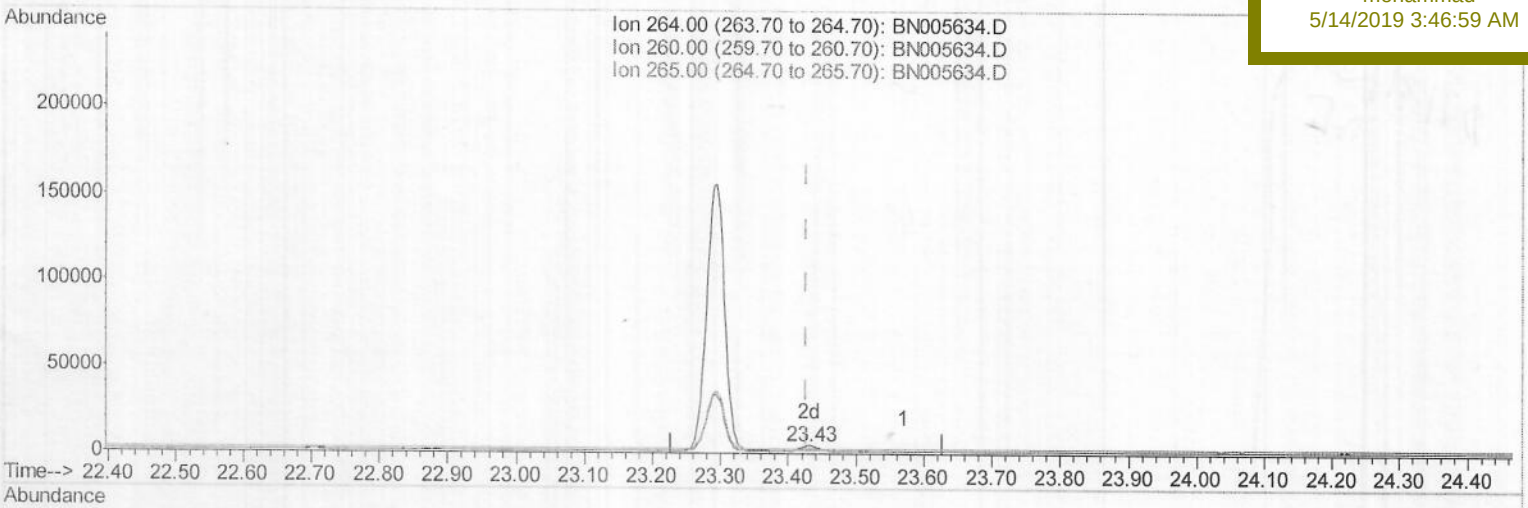
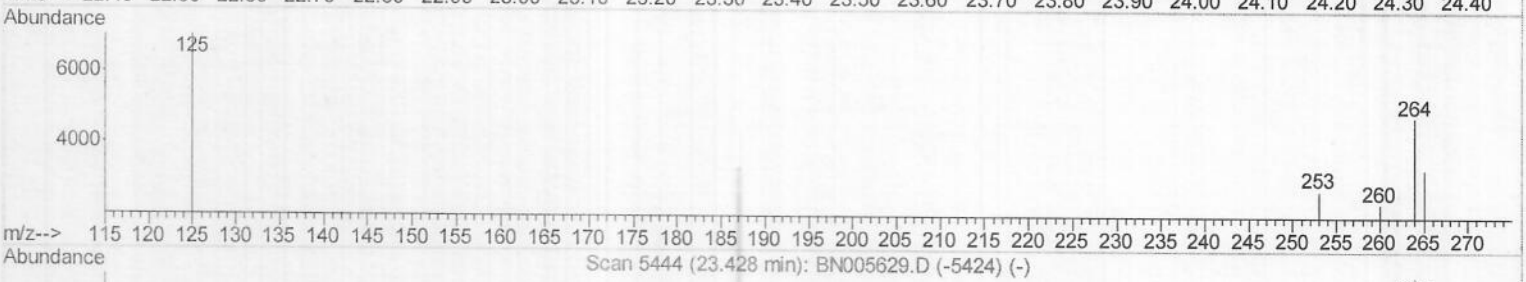
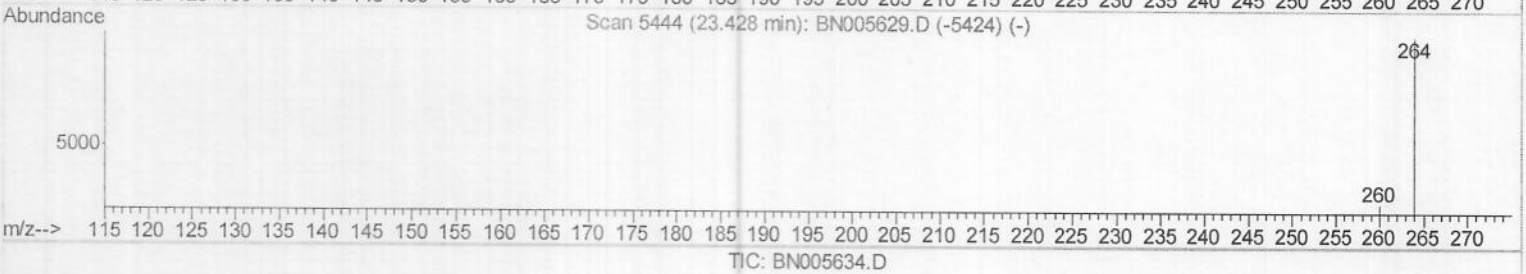
Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM







TIC: BN005634.D

(20) Perylene-d12 (I)

23.431min (+0.003) 0.40ng/ul m JU 05/14/19

response 5480

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	50.39#
265.00	31.70	70.55#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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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	1820	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	7466	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	4485	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	9036m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	5873m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5480m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2332	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	4098m	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	903	0.046	ng/ul#	81
5) 2-Methylnaphthalene	12.03	142	1069	0.079	ng/ul	97
7) Acenaphthylene	13.95	152	869	0.038	ng/ul#	70
12) Phenanthrene	17.03	178	3343m	0.136	ng/ul	

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

Instrument :
BNA_N
ClientSampleId :
A5147

Manual Integrations APPROVED
mohammad
5/14/2019 3:46:59 AM

JU 05/14/19