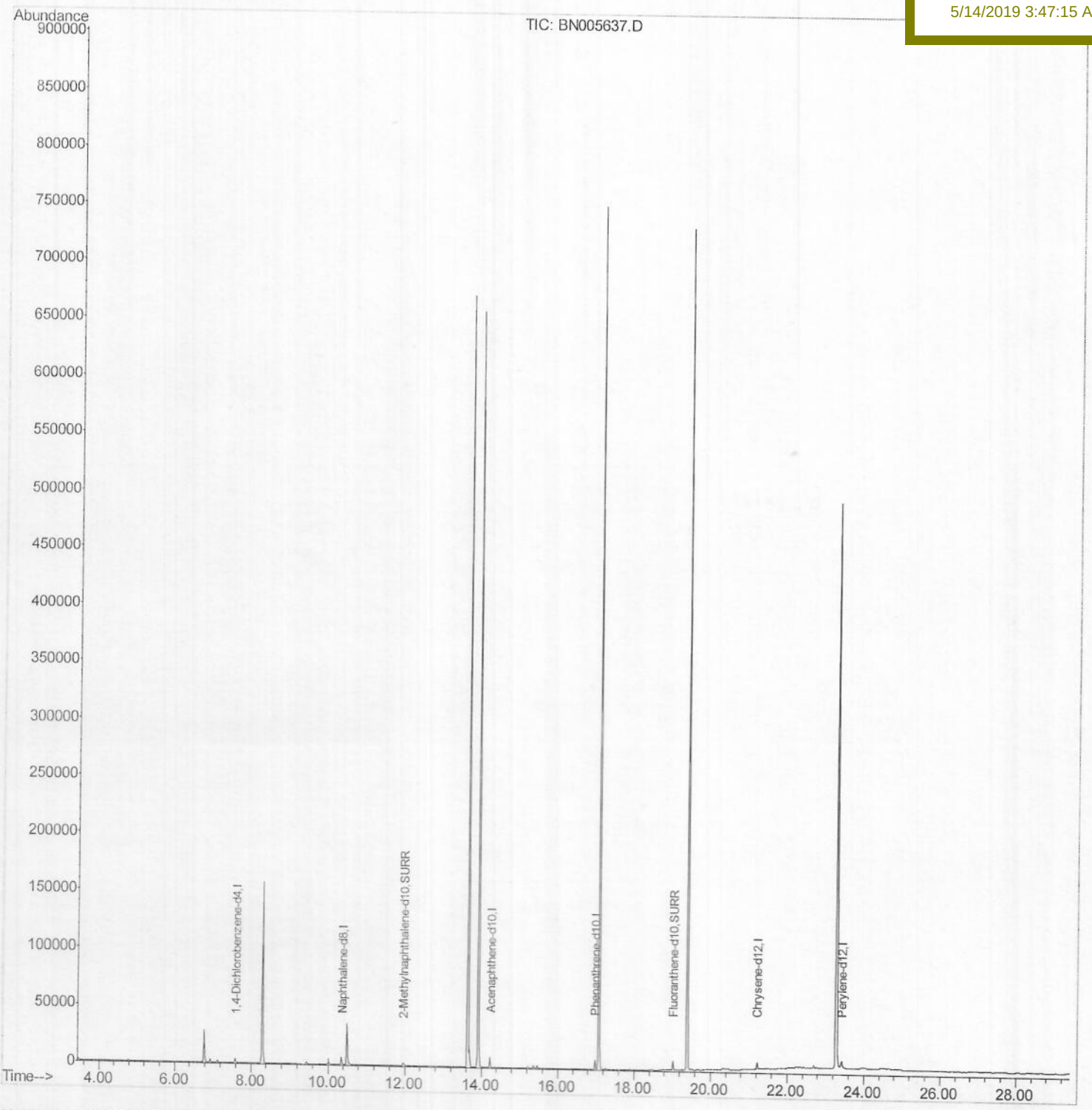
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 12 01:49:23 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 :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM



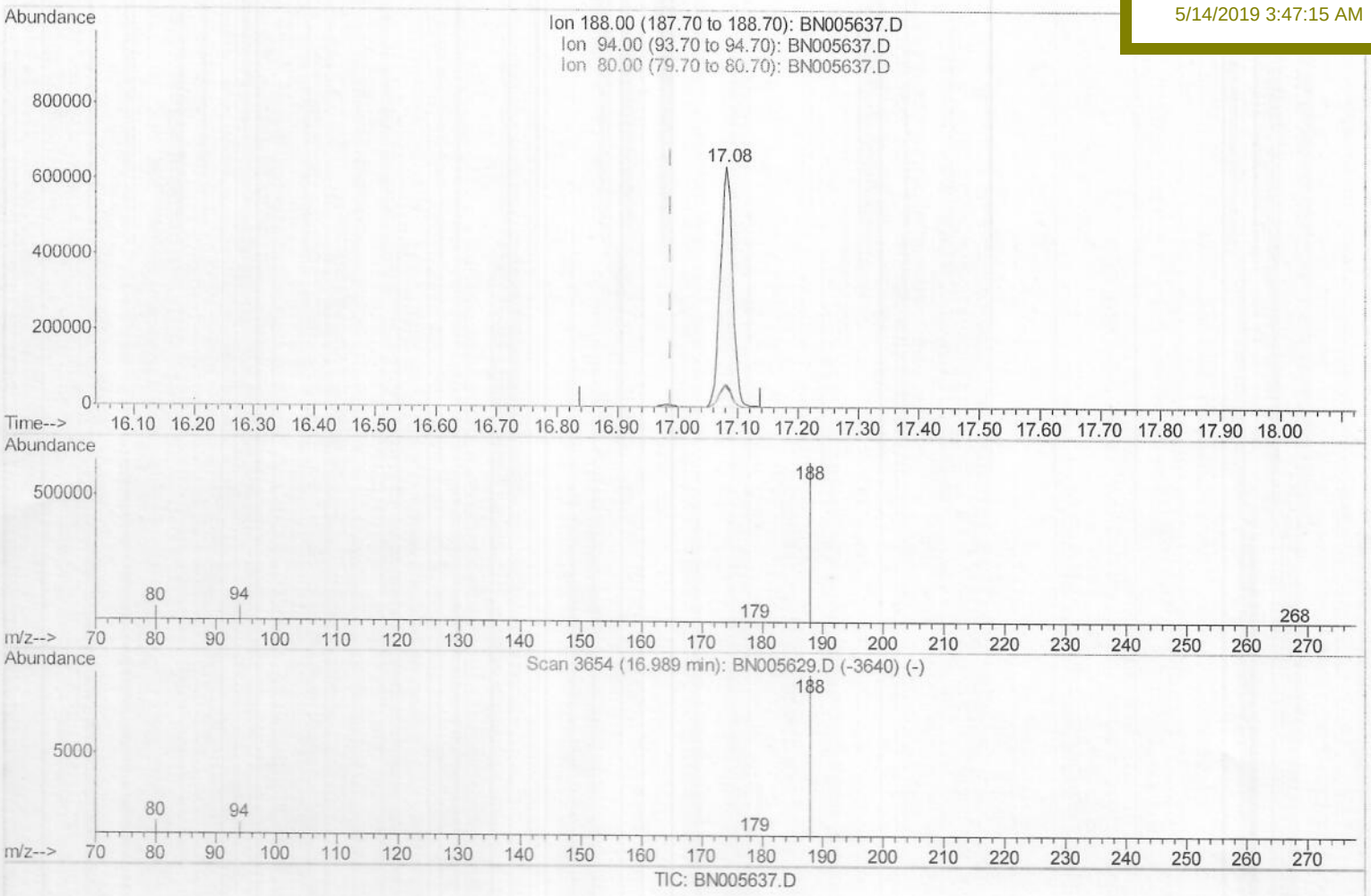
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 12 00:40:33 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 :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM



(10) Phenanthrene-d10 (I)

17.082min (+0.093) 0.40ng/ul

response 894244

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.20
80.00	9.80	8.32
0.00	0.00	0.00

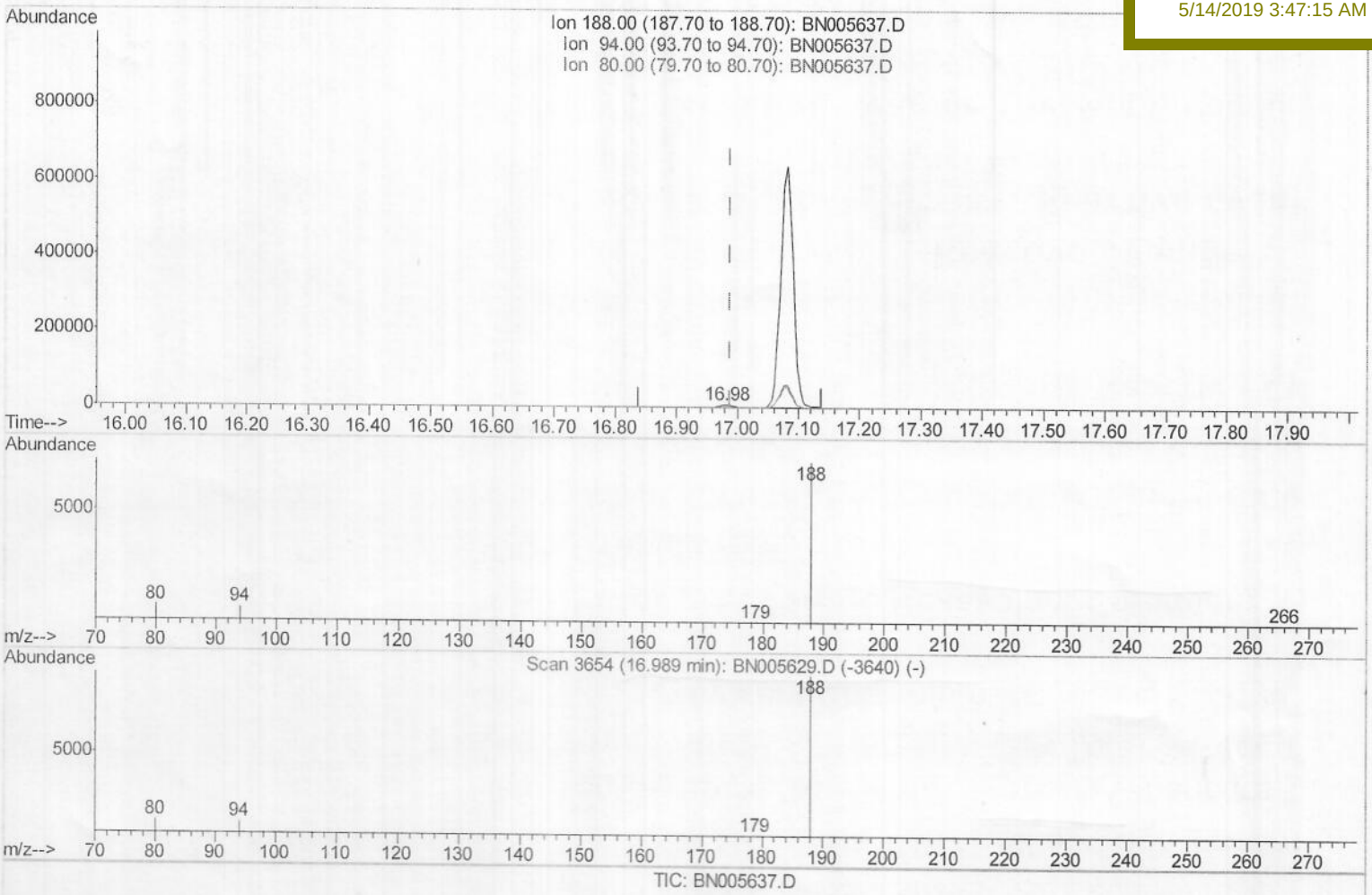
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 12 00:40:33 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 :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM



(10) Phenanthrene-d10 (I)

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

response 10201

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.23
80.00	9.80	10.12
0.00	0.00	0.00

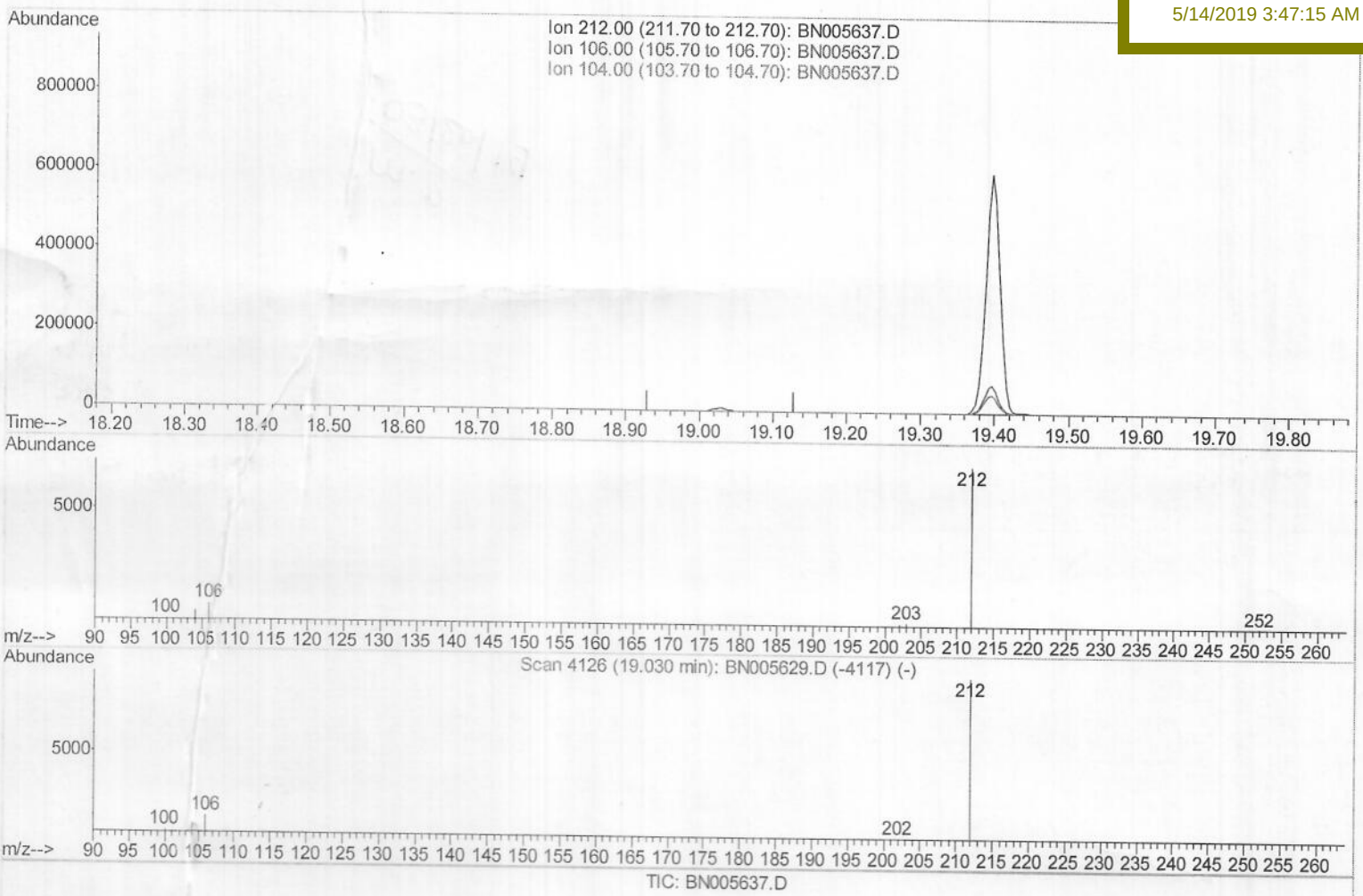
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 12 01:39:41 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 :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM



TIC: BN005637.D

(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

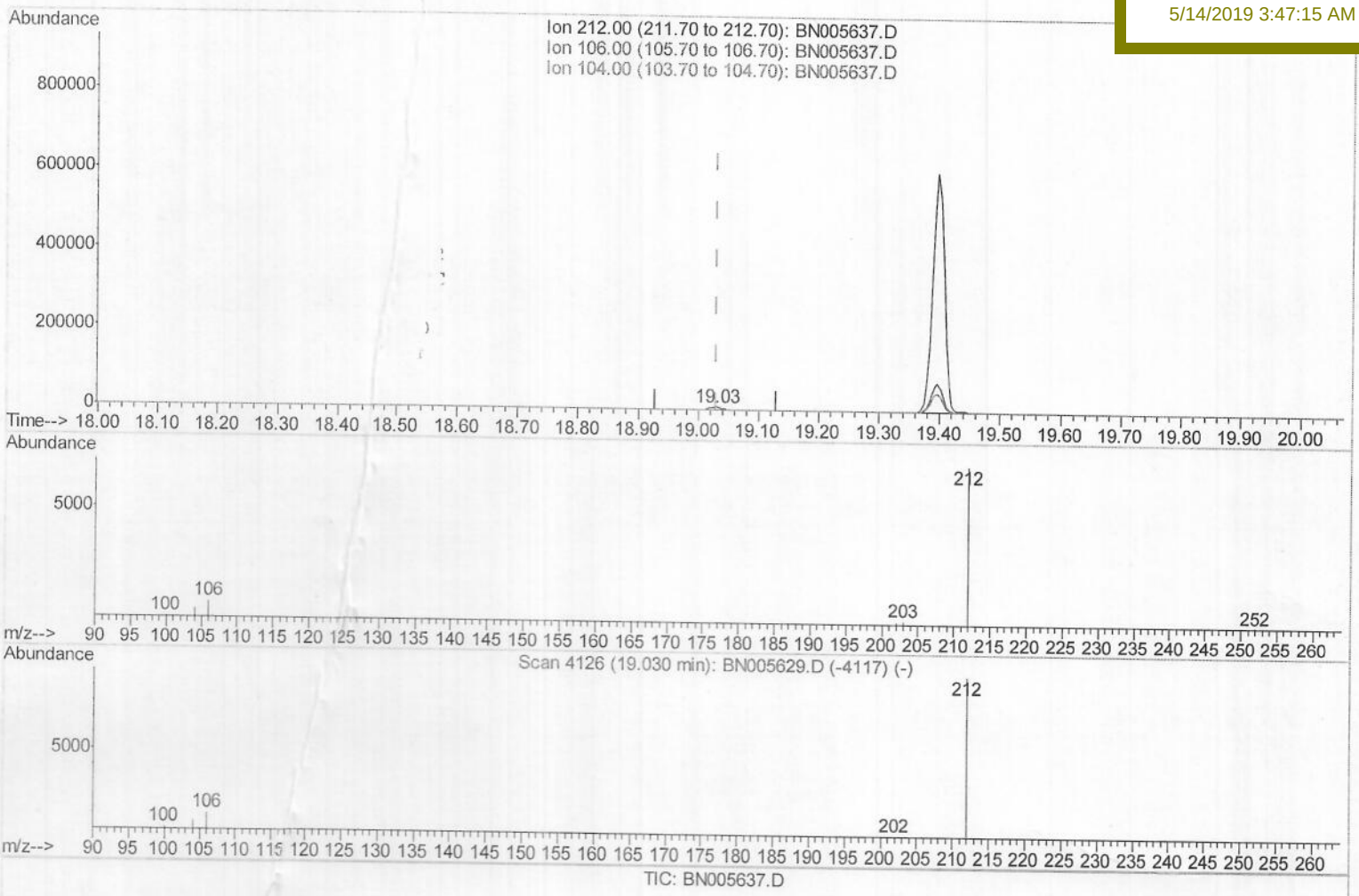
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 12 01:39:41 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 01:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM



(14). Fluoranthene-d10 (SURR)

19.030min (-0.000) 0.33ng/ul m) JU05/14/19

response 10448

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

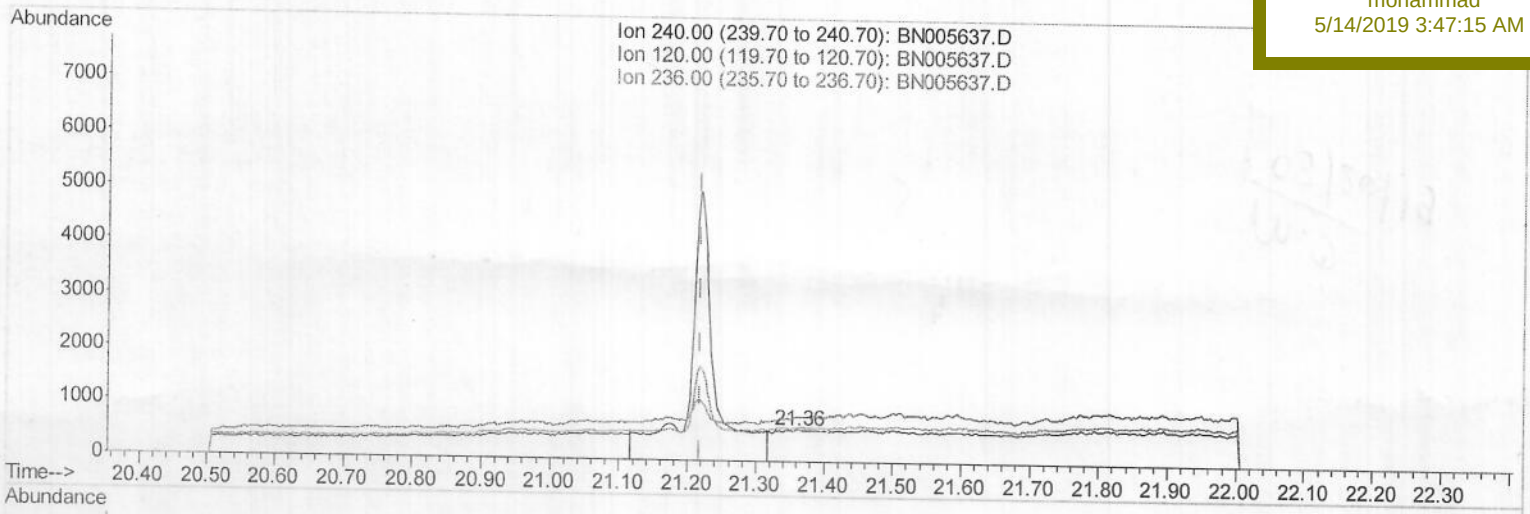
Quantitation Report (Qedit)

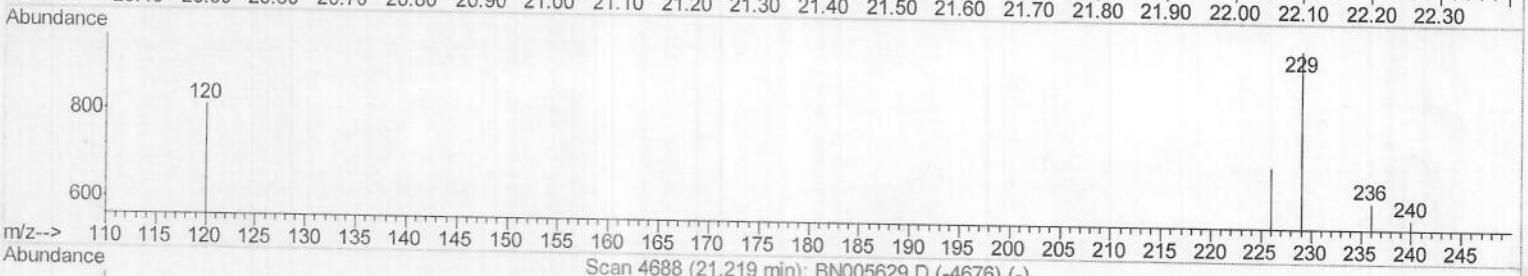
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

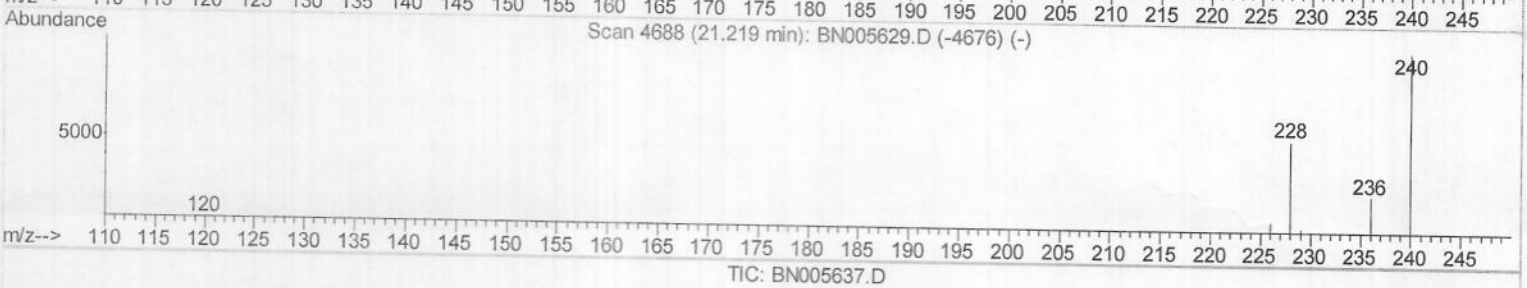
Quant Time: May 12 01:43:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM







TIC: BN005637.D

(16) Chrysene-d12 (I)

21.360min (+0.142) 0.40ng/ul

response 52

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	139.41#
236.00	28.00	106.71#
0.00	0.00	0.00

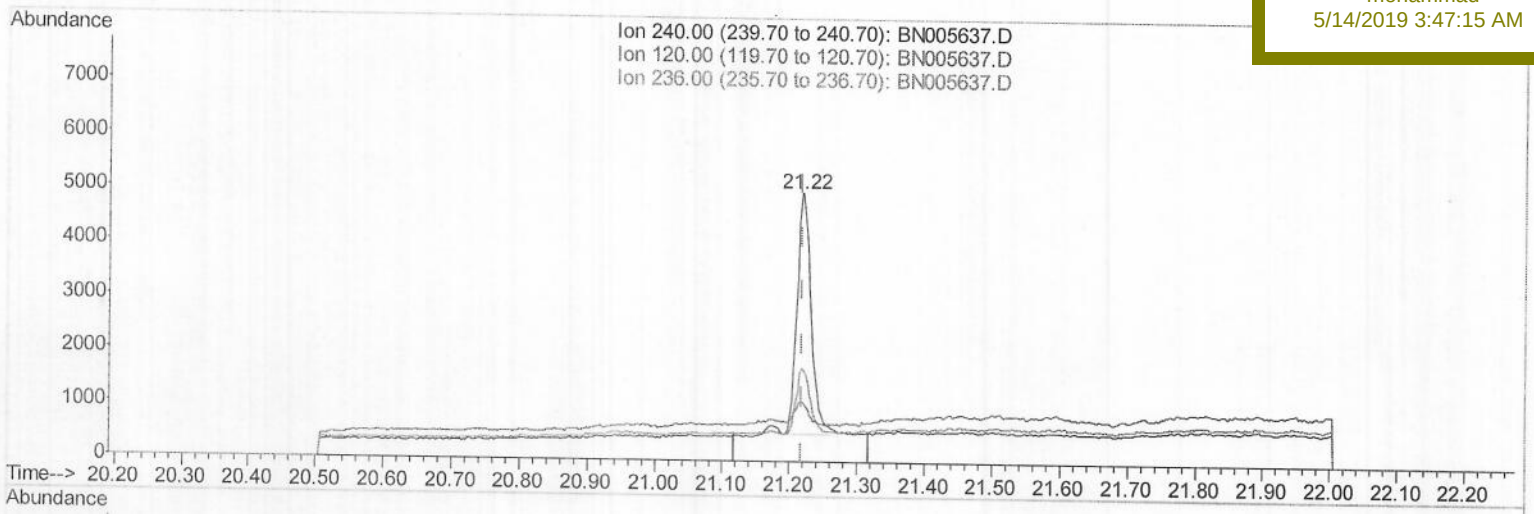
Quantitation Report (Qedit)

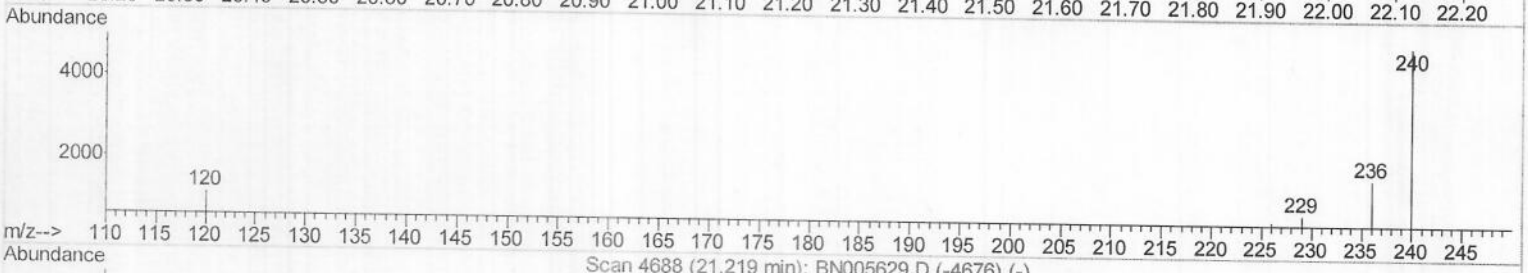
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

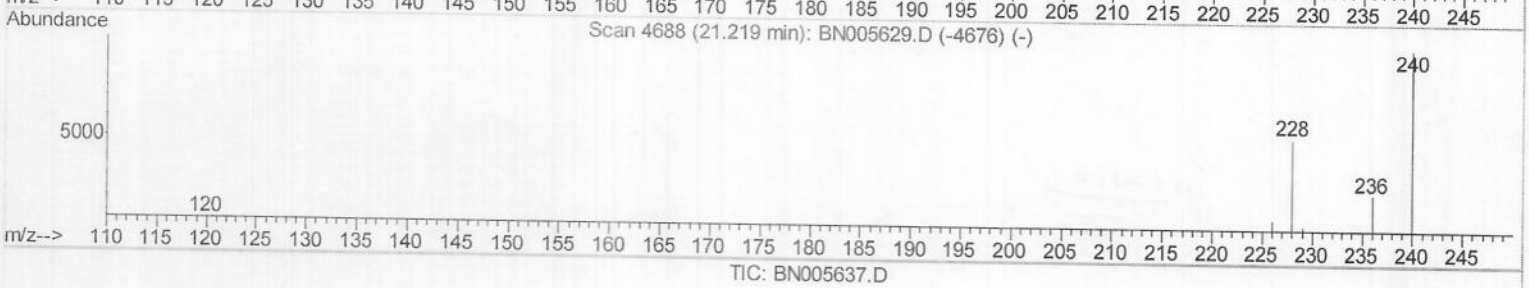
Quant Time: May 12 01:43:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM







TIC: BN005637.D

(16) Chrysene-d12 (I)

21.220min (+0.002) 0.40ng/ul m) JU051419

response 6469

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	21.67#
236.00	28.00	33.90#
0.00	0.00	0.00

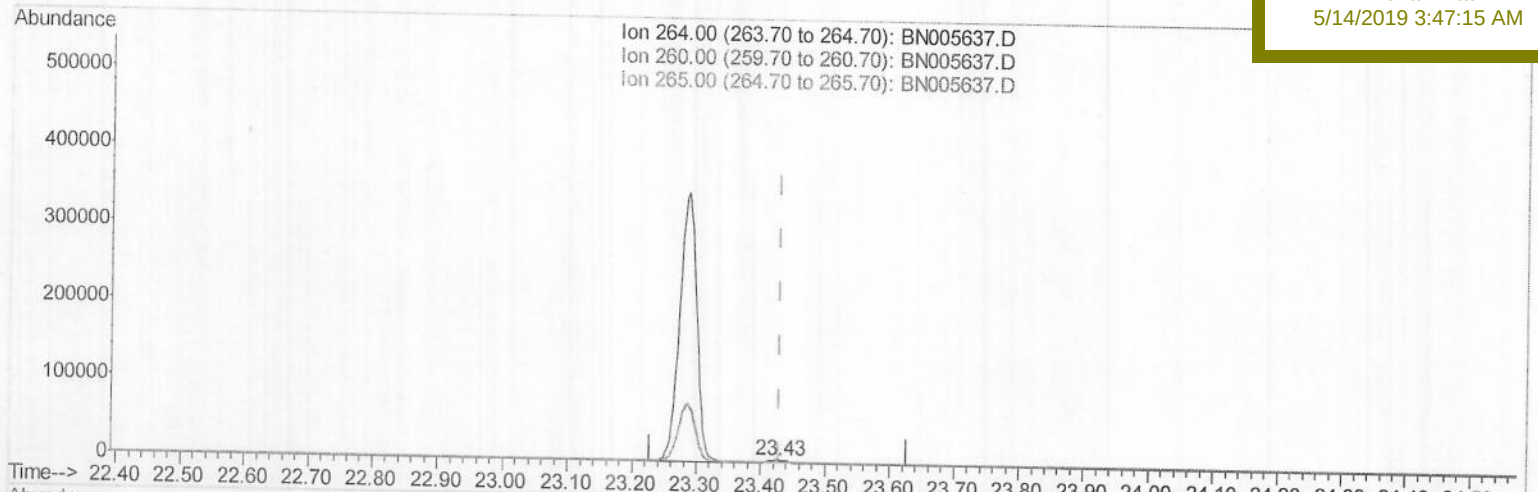
Quantitation Report (Qedit)

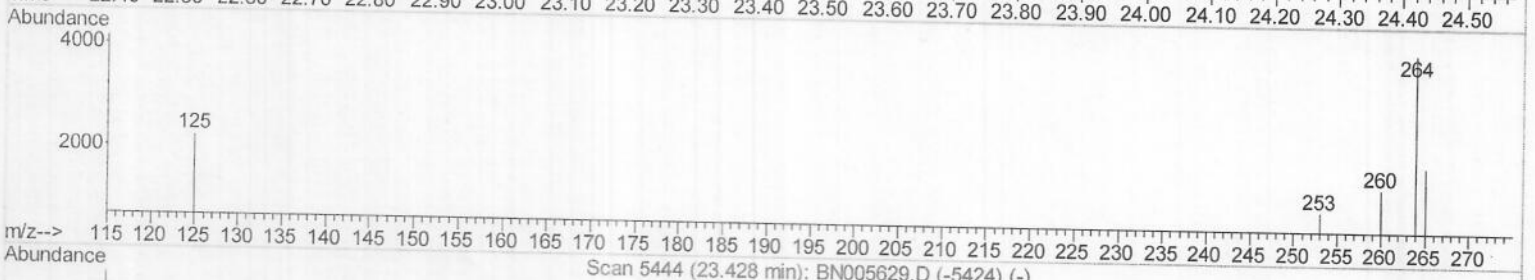
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

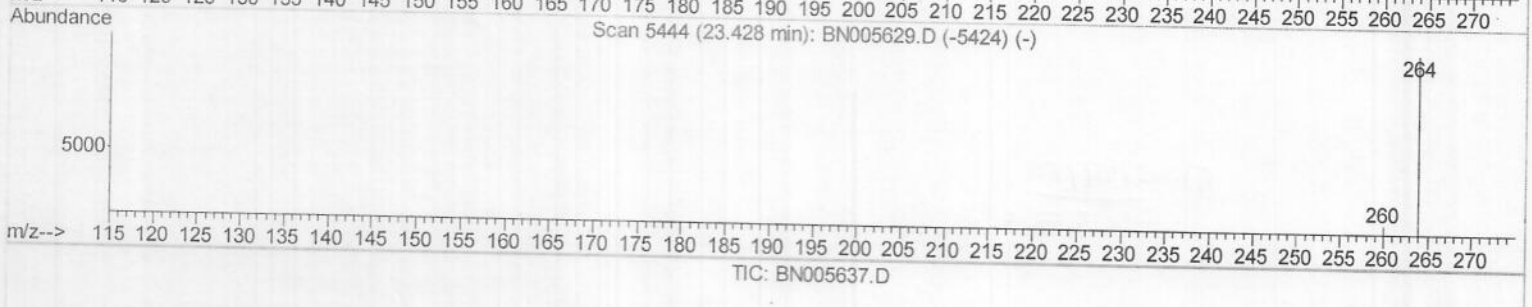
Quant Time: May 12 01:48:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM







(20) Perylene-d12 (I)

23.427min (-0.001) 0.40ng/ul

response 8010

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	36.10#
265.00	31.70	46.63#
0.00	0.00	0.00

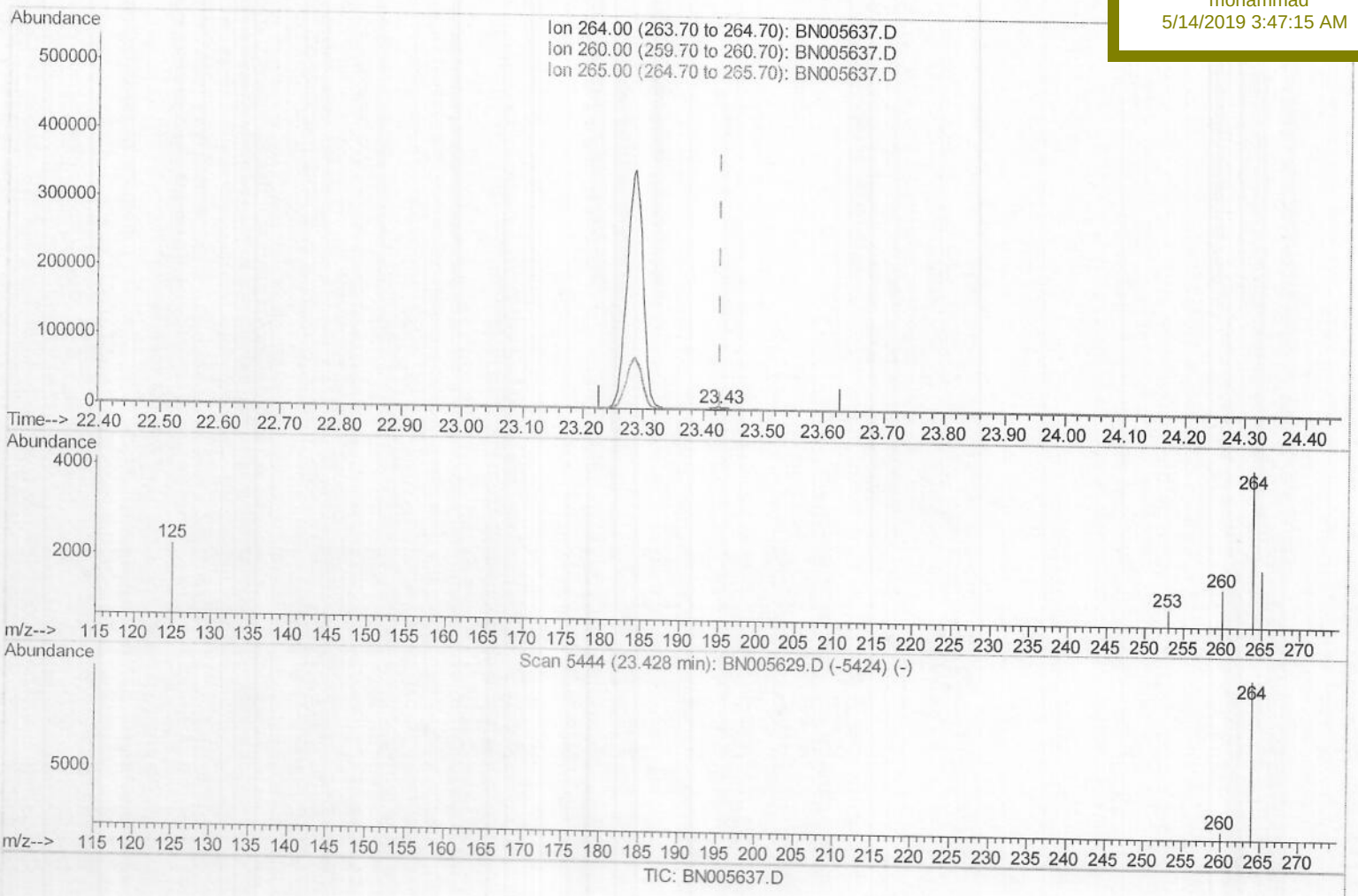
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 12 01:48:27 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 :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM



(20) Perylene-d12 (I)

23.427min (-0.001) 0.40ng/ul m JU 05/14/19

response 5548

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	36.10#
265.00	31.70	46.63#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005637.D
Acq On : 11 May 2019 21:17
Operator : JU/SJ
Sample : K2606-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 12 01:49:23 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 :
A5141

Manual Integrations APPROVED
mohammad
5/14/2019 3:47:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2137	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8543	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	5145	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10201m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6469m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5548m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5330	0.40	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	10448m	0.33	ng/ul	0.00
Target Compounds						Qvalue

JU 05/14/19

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