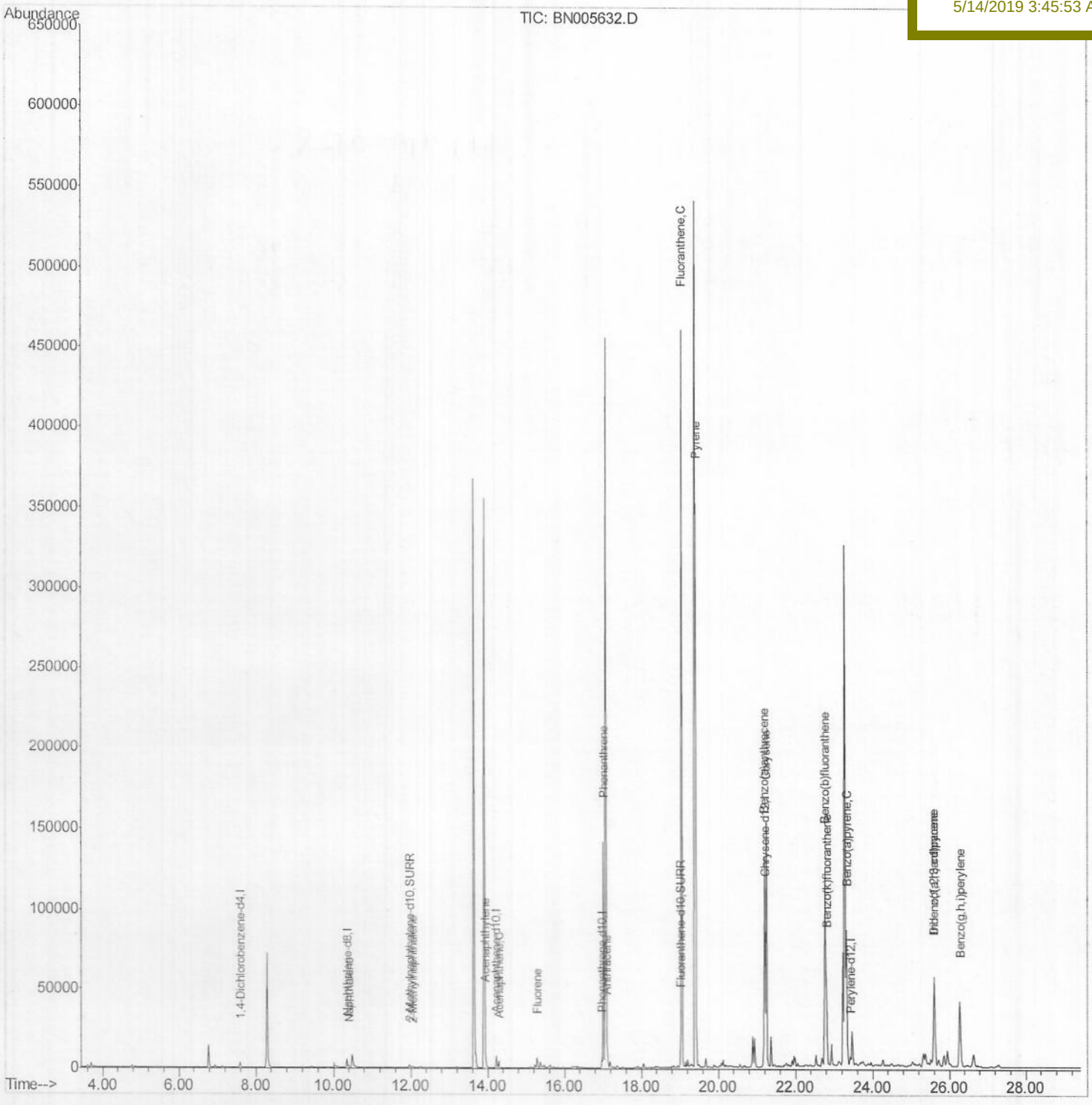
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 01:03:08 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



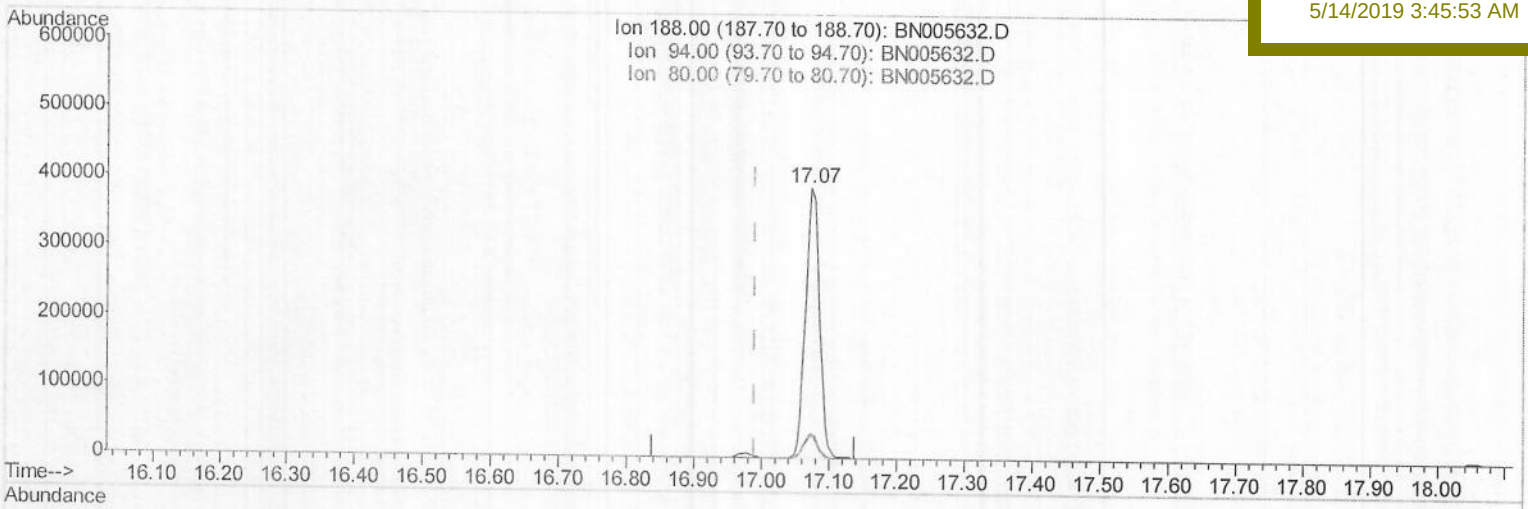
Quantitation Report (Qedit)

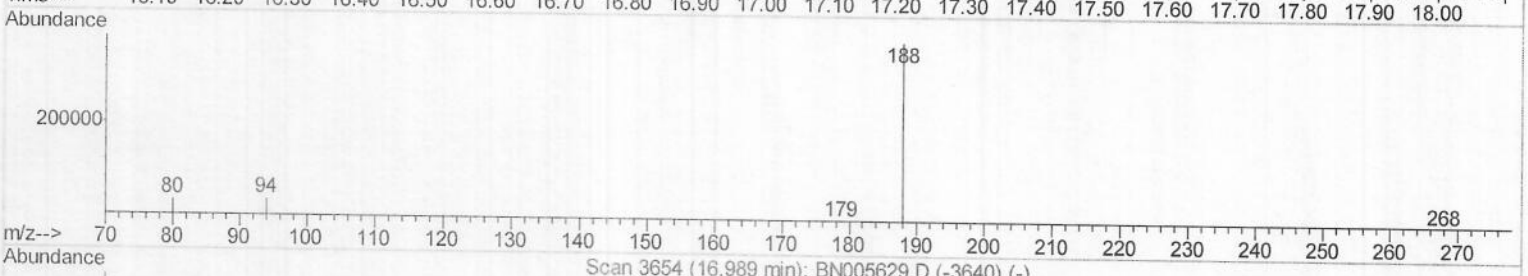
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

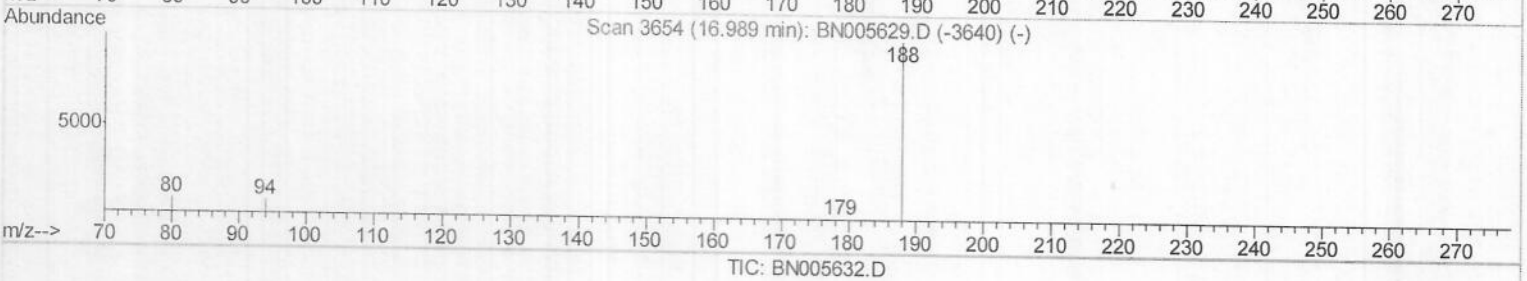
Quant Time: May 12 00:40:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM







TIC: BN005632.D

(10) Phenanthrene-d10 (I)

17.073min (+0.084) 0.40ng/ul

response 561378

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	9.10
80.00	9.80	8.30
0.00	0.00	0.00

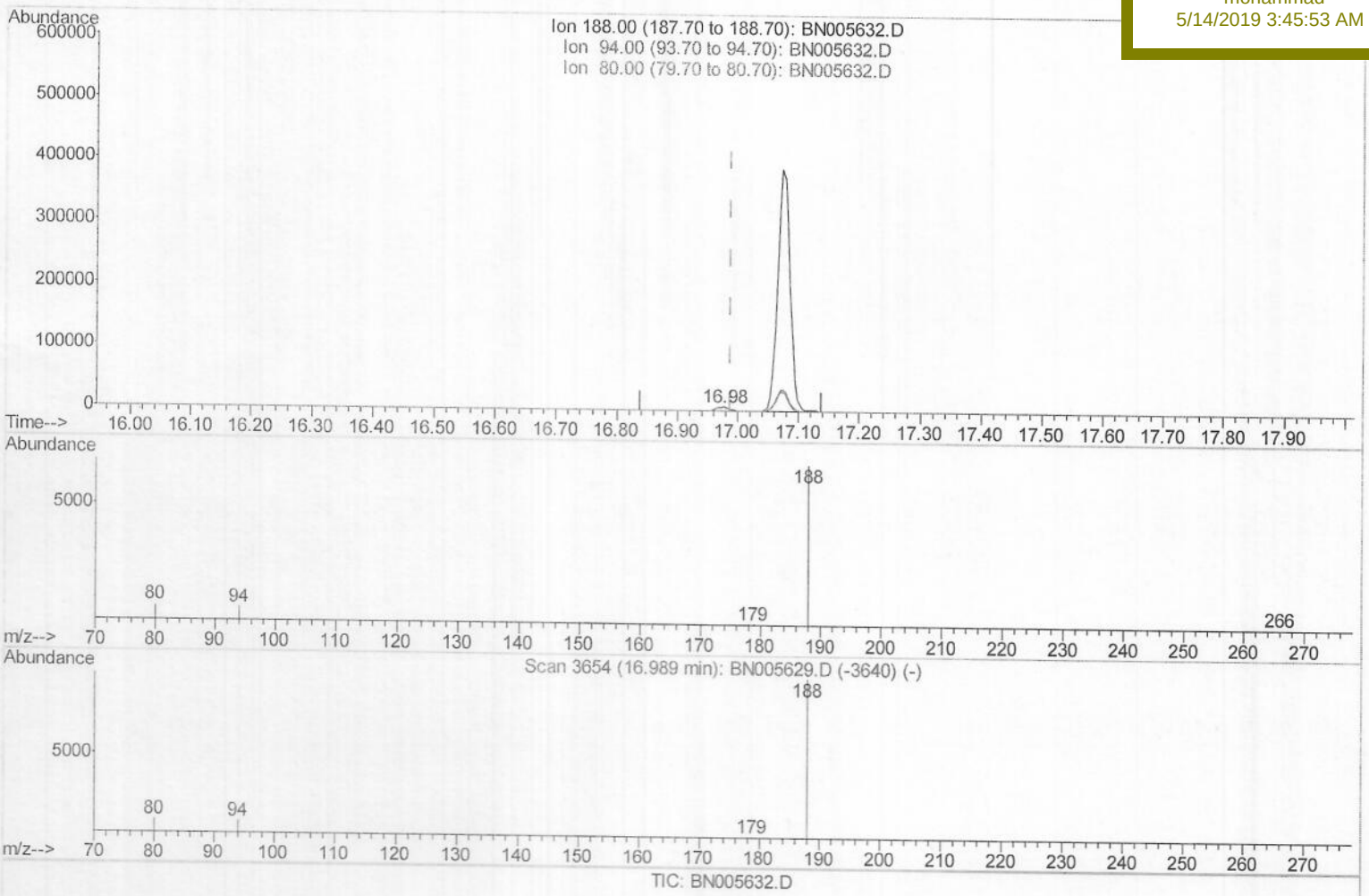
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:40:02 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m) JU05/14/19

response 9543

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.66
80.00	9.80	9.78
0.00	0.00	0.00

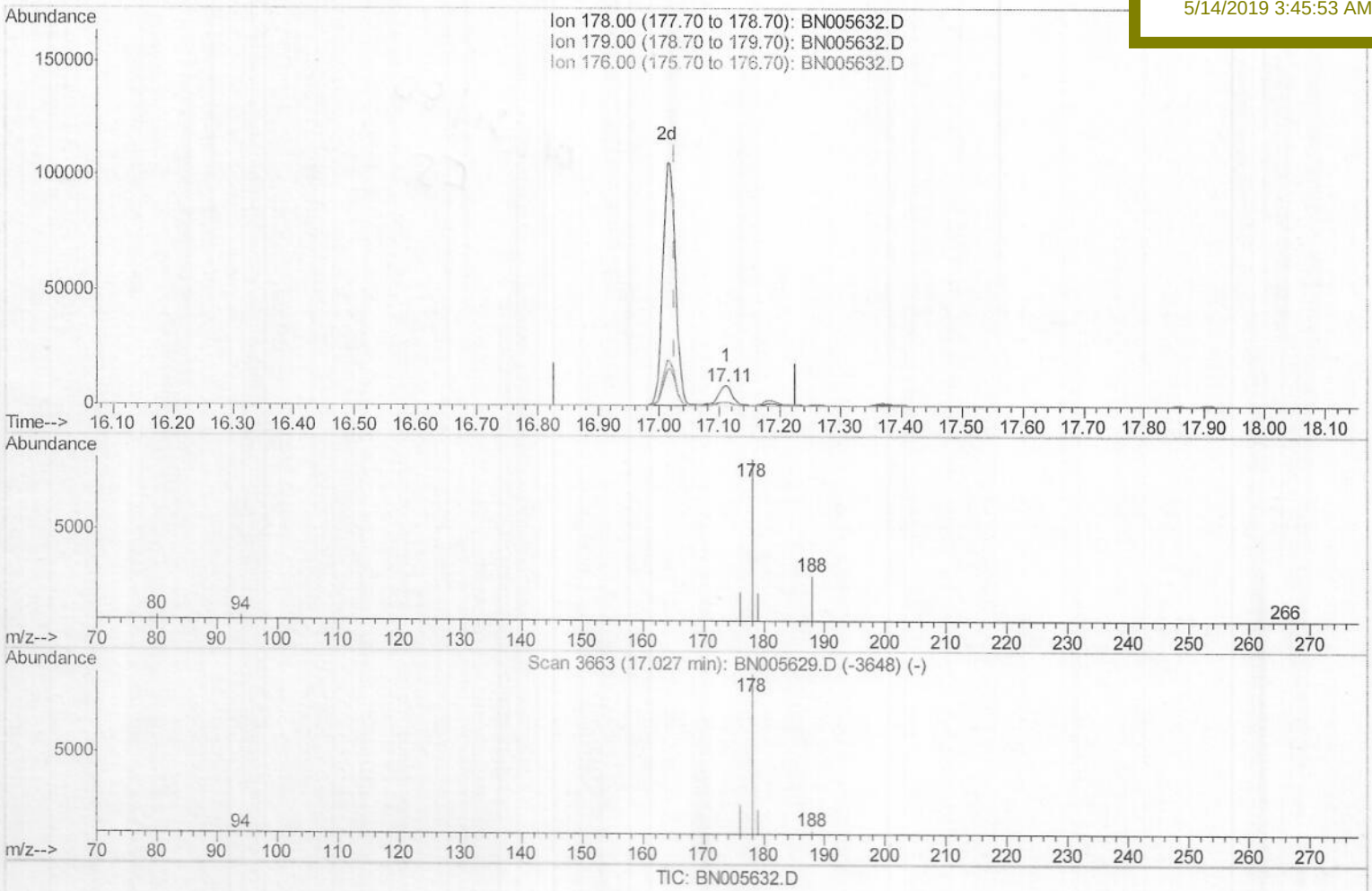
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:57:02 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(12) Phenanthrene

17.111min (+0.084) 0.52ng/ul

response 13606

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	17.37
176.00	19.10	18.54
0.00	0.00	0.00

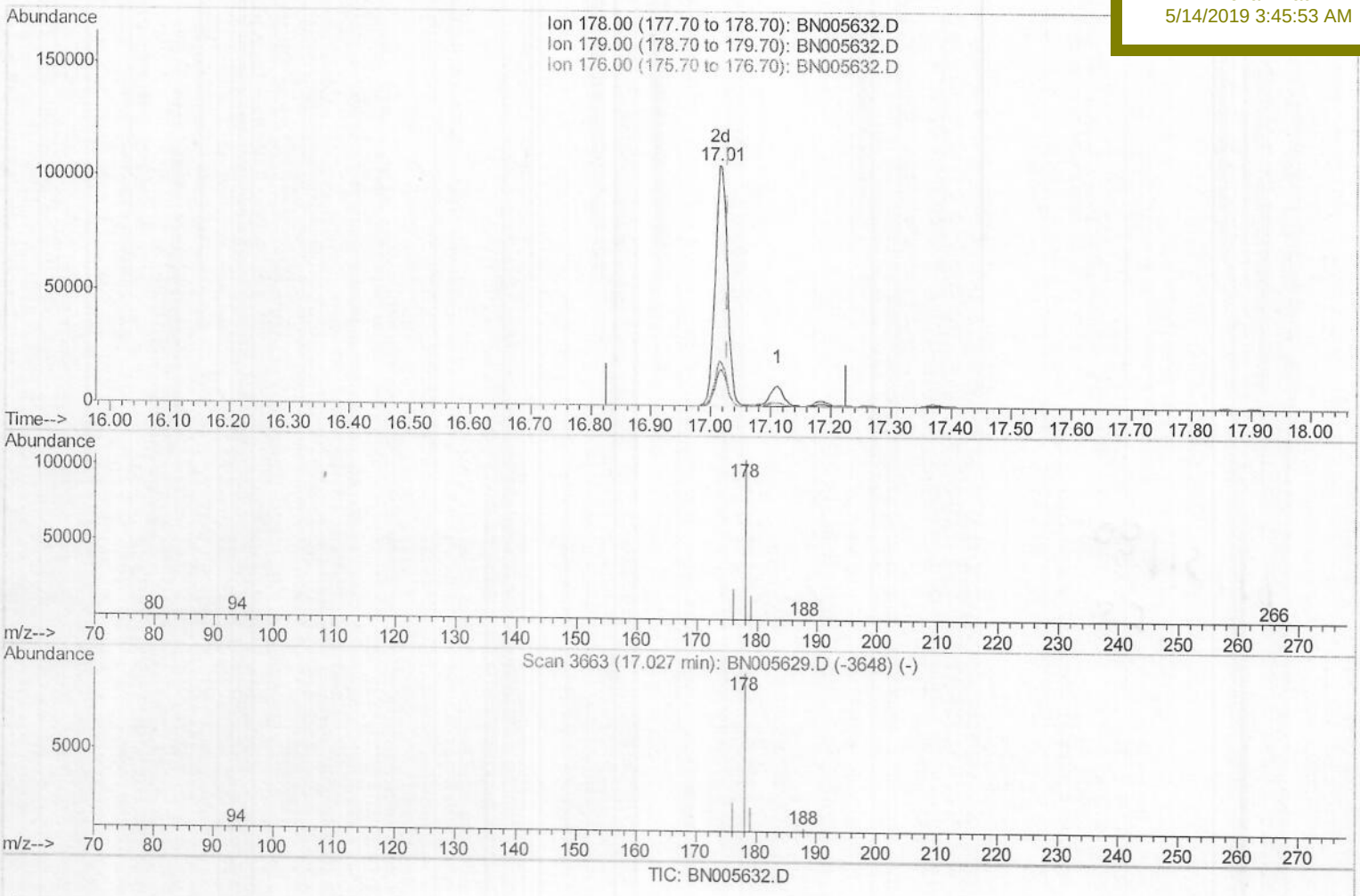
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:57:02 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(12) Phenanthrene

17.014min (-0.013) 5.86ng/ul m > JU 05/14/19

response 152290

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.23
176.00	19.10	19.04
0.00	0.00	0.00

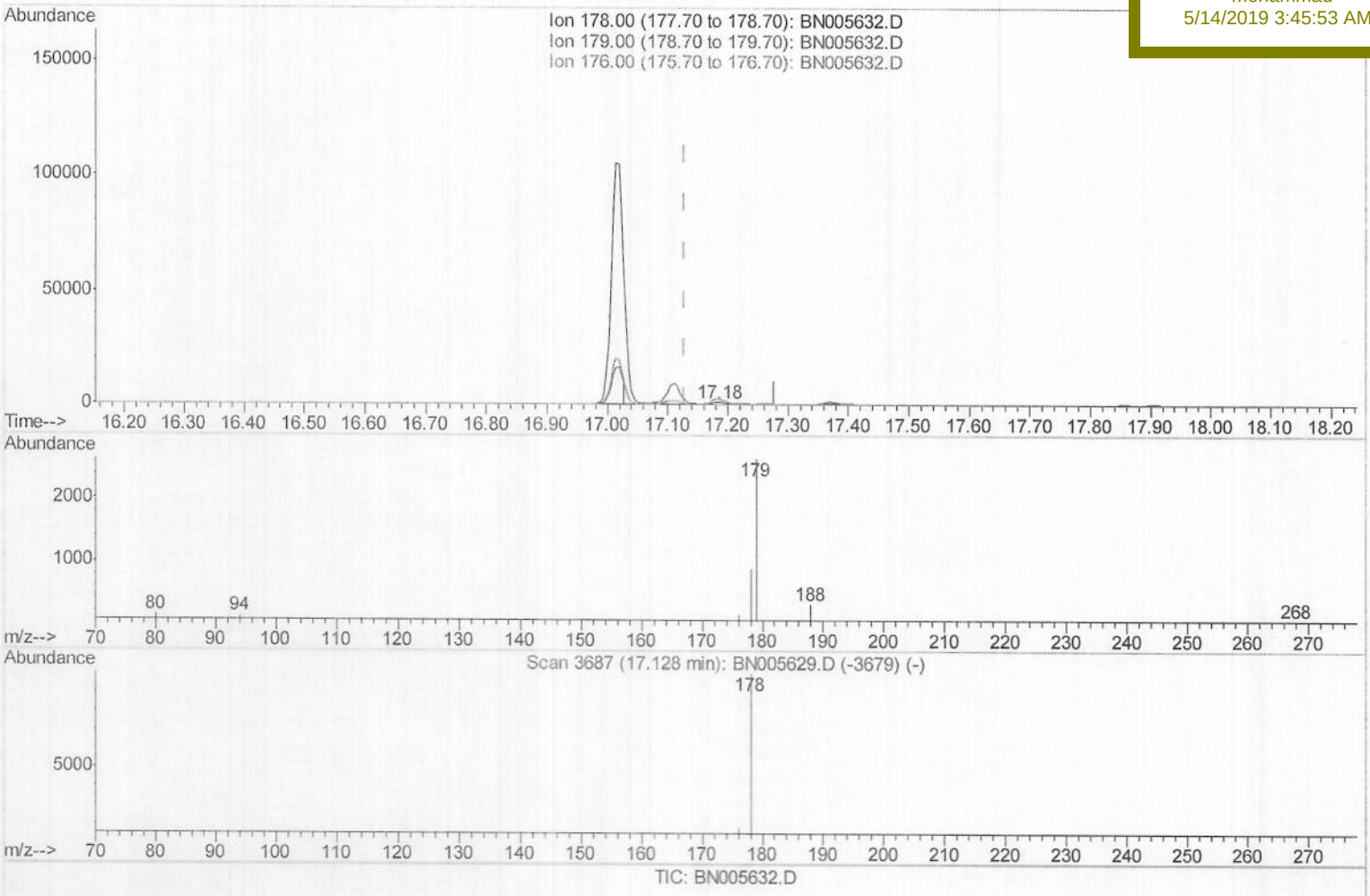
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:57:02 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



(13) Anthracene

17.183min (+0.055) 0.05ng/ul

response 1251

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	299.10#
176.00	18.90	15.05#
0.00	0.00	0.00

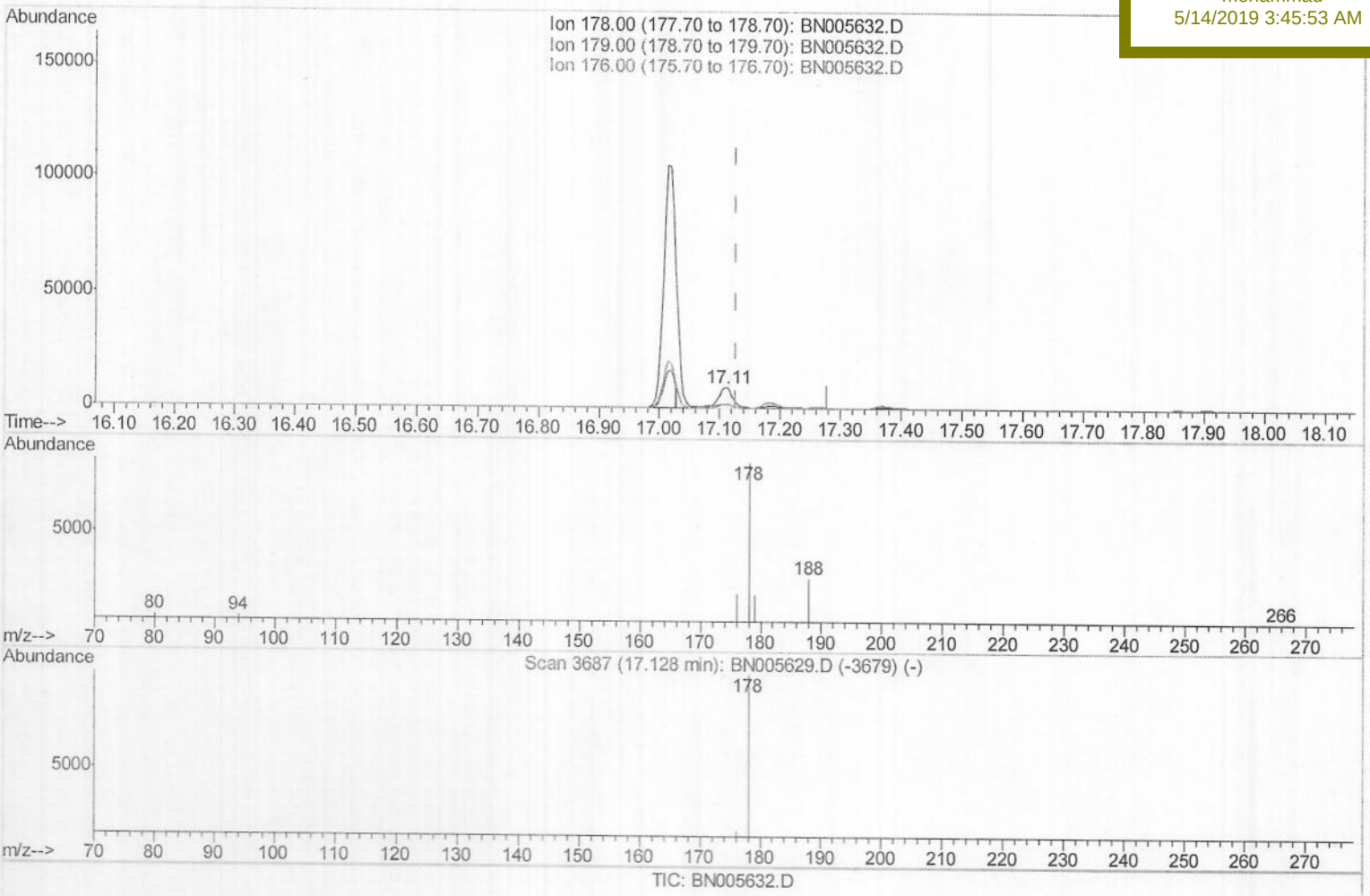
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:57:02 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



(13) Anthracene

17.111min (-0.017) 0.56ng/ul m) JU 05/14/19

response 14562

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	17.37
176.00	18.90	18.54
0.00	0.00	0.00

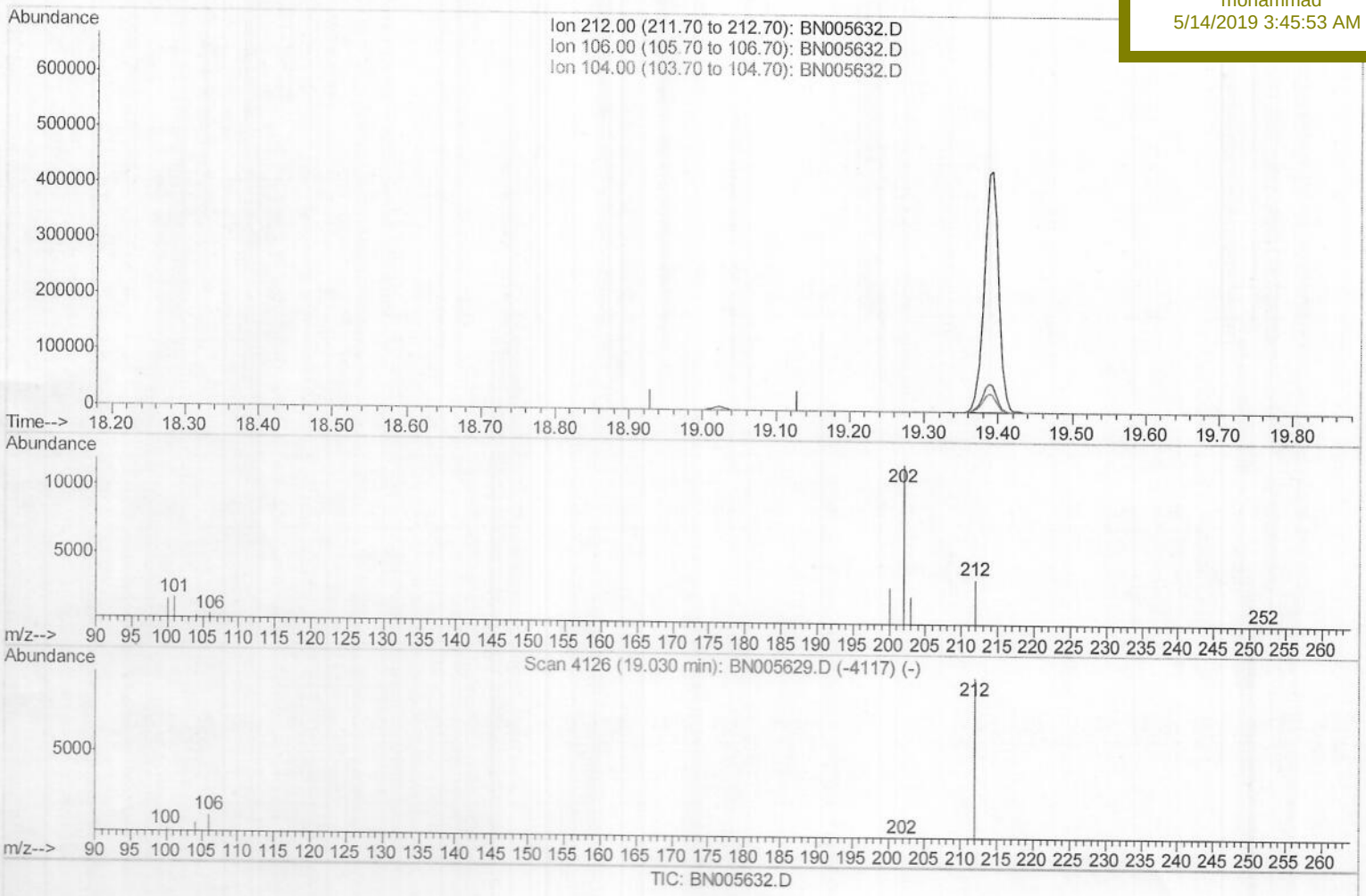
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:57:02 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.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

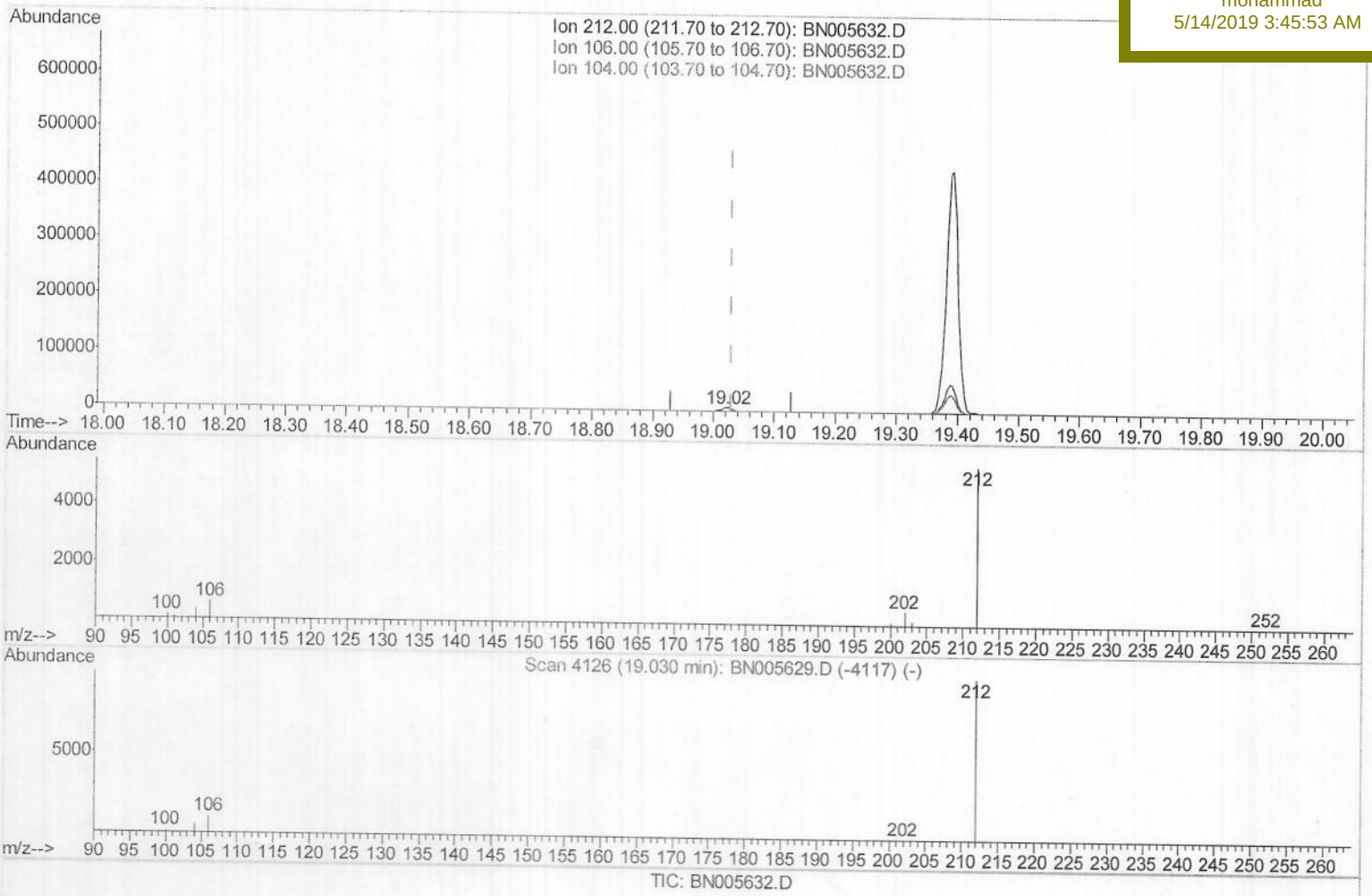
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:57:02 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



(14) Fluoranthene-d10 (SURR)

19.020min (-0.009) 0.25ng/ul m) JU 05/14/19

response 7418

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

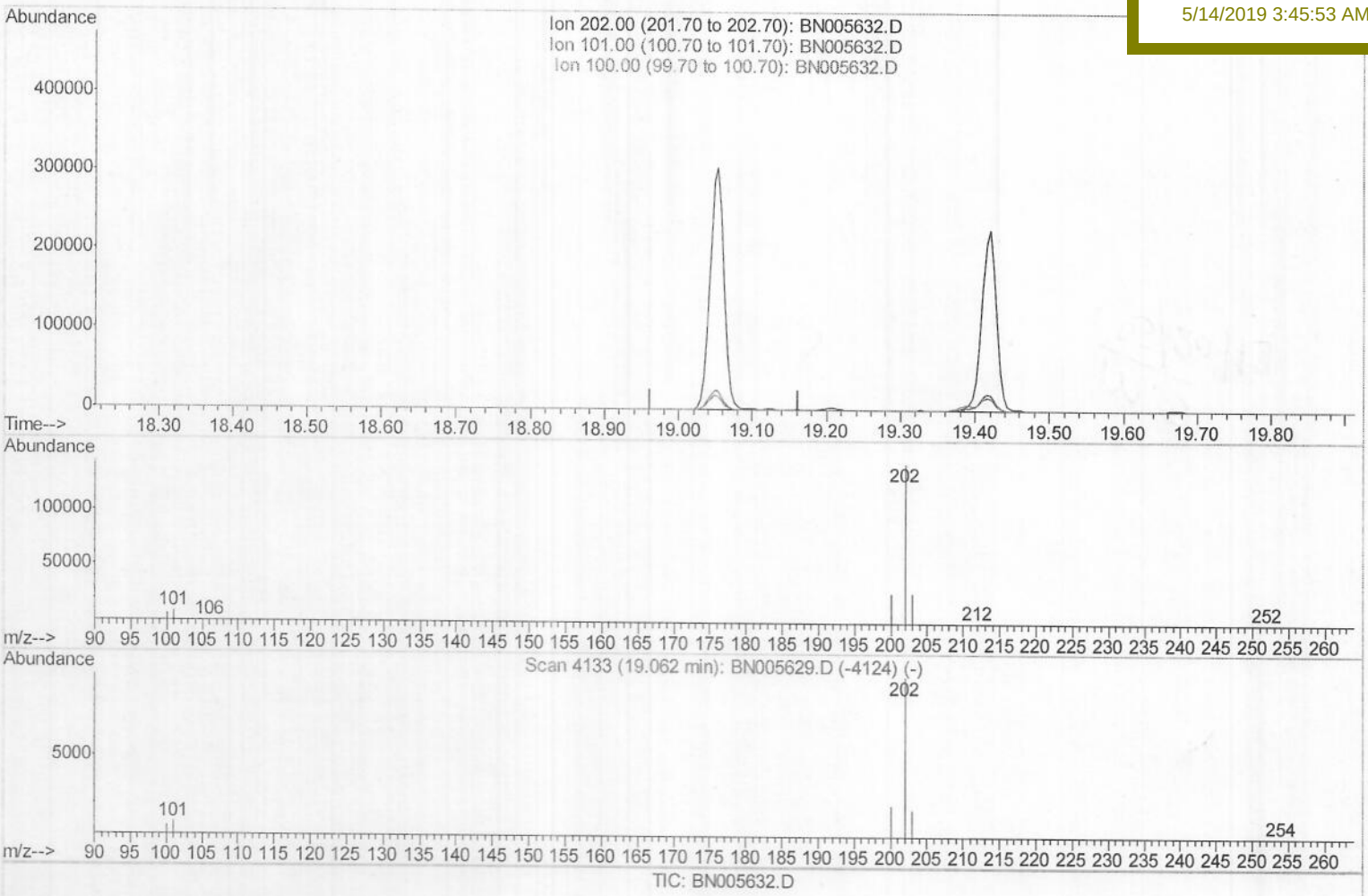
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:58:10 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(15) Fluoranthene (C)

19.062min (-19.062) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	9.40	0.00
100.00	7.10	0.00
0.00	0.00	0.00

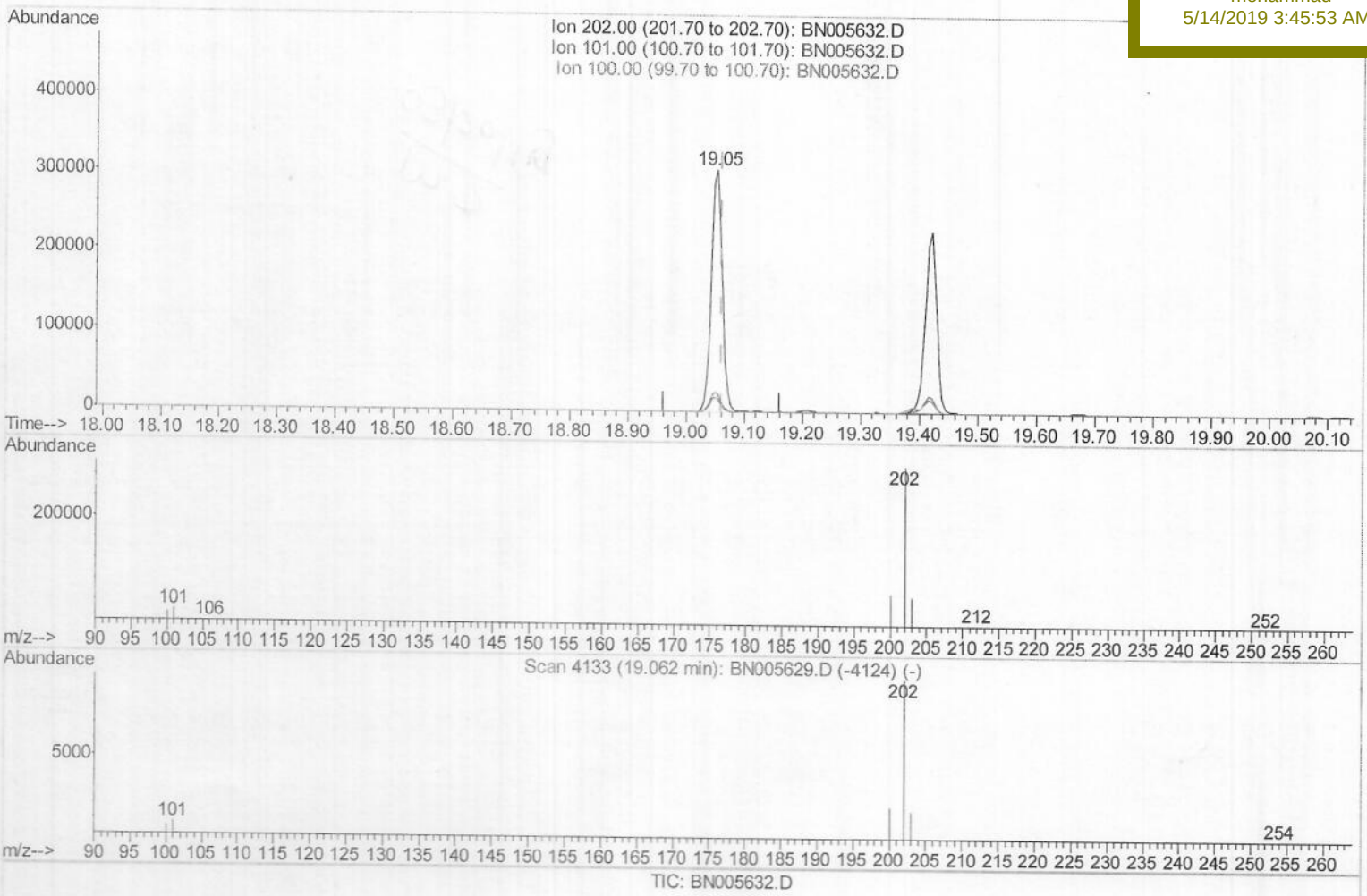
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:58:10 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(15) Fluoranthene (C)

19.053min (-0.009) 11.24ng/ul m > JU 05/14/19

response 404658

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	7.53
100.00	7.10	5.59
0.00	0.00	0.00

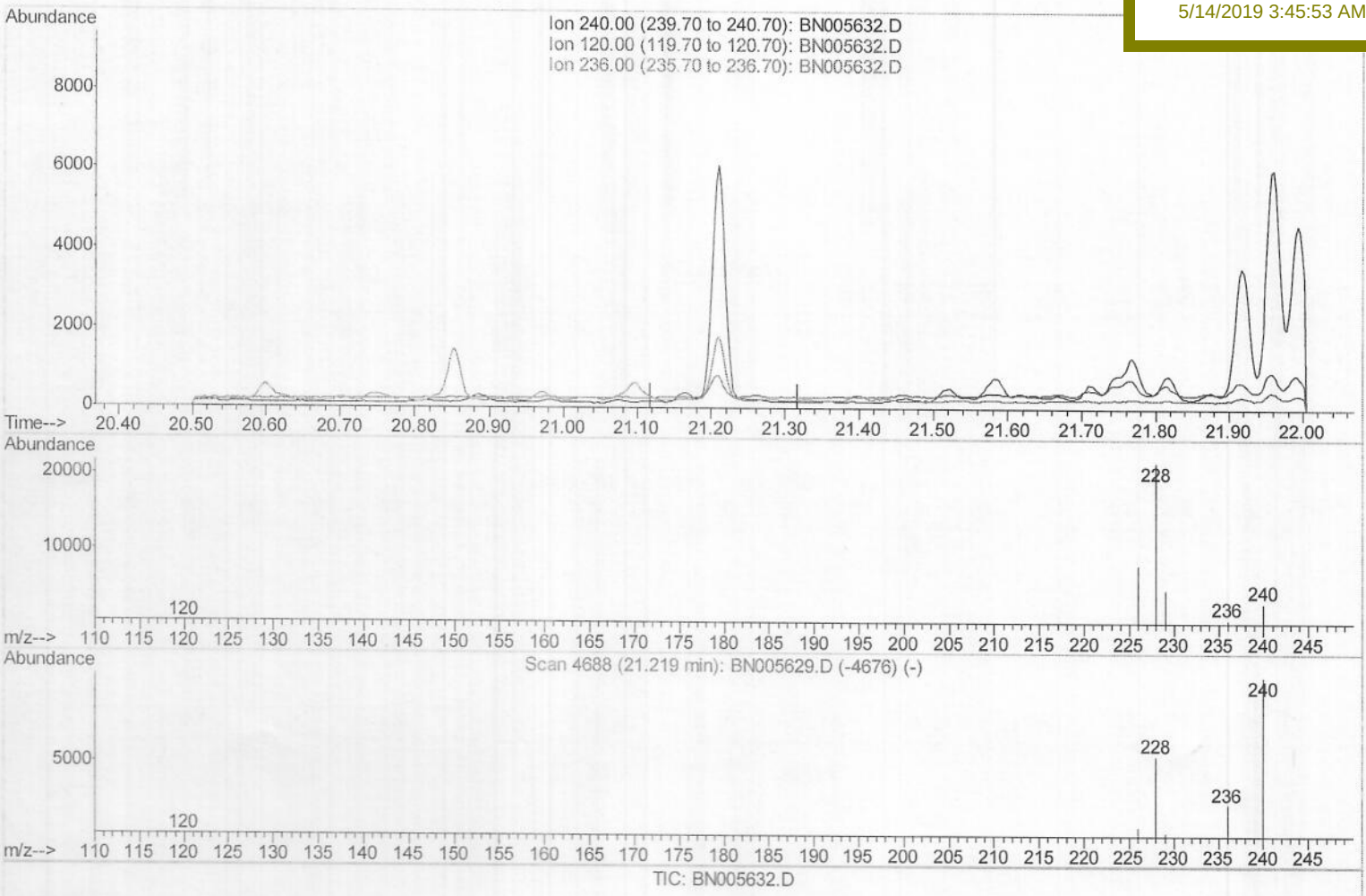
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:58:10 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



(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

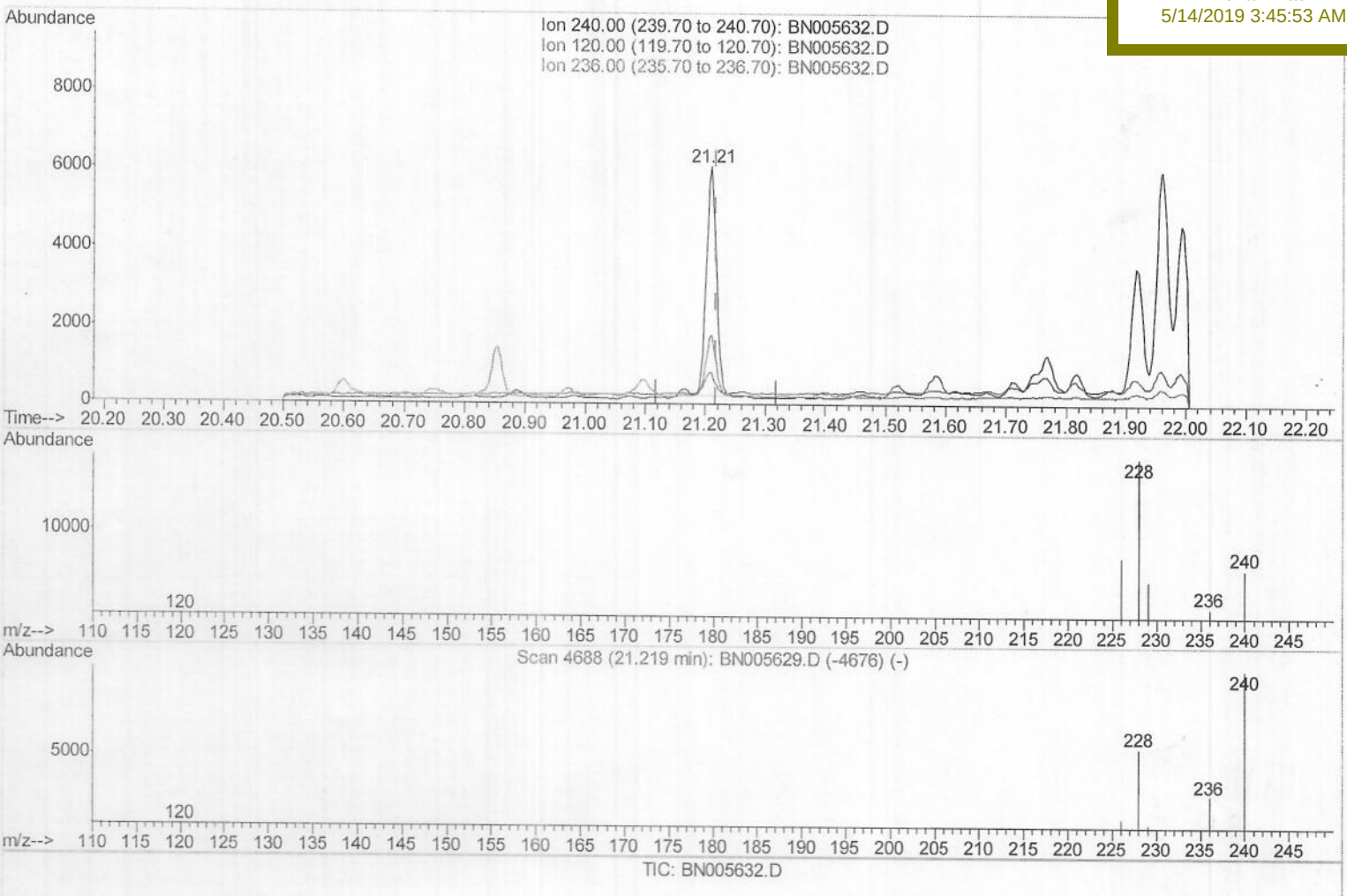
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:58:10 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(16) Chrysene-d12 (I)

21.210min (-0.009) 0.40ng/ul m > JU 05/14/19

response 6895

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	13.53
236.00	28.00	29.43
0.00	0.00	0.00

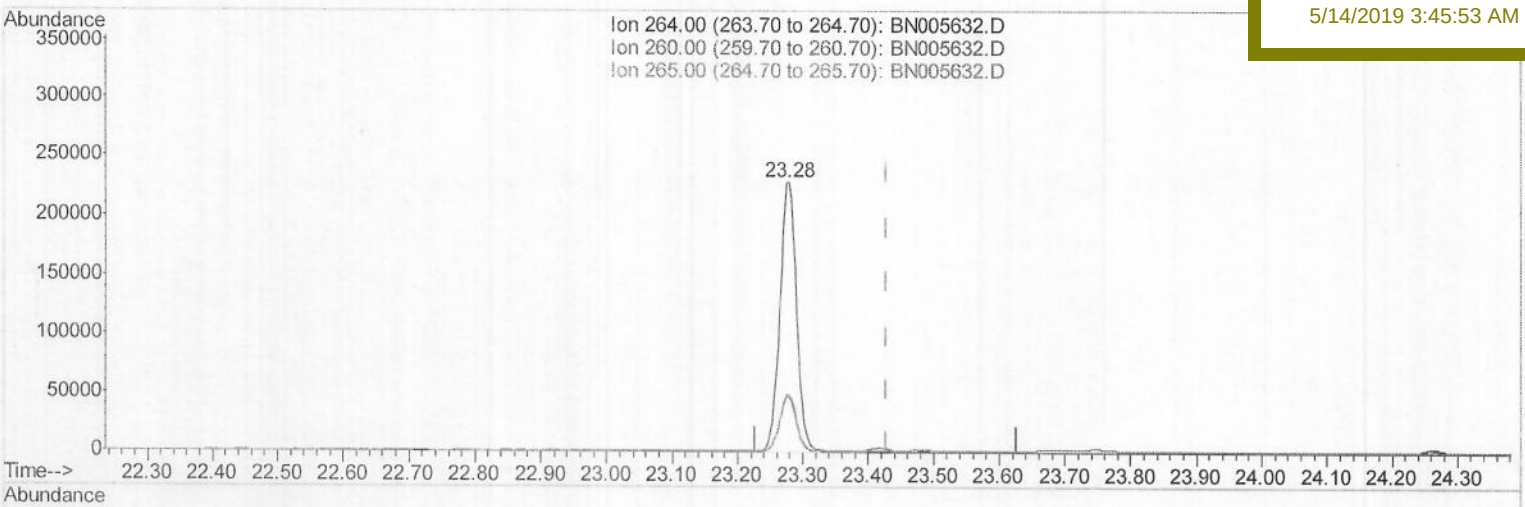
Quantitation Report (Qedit)

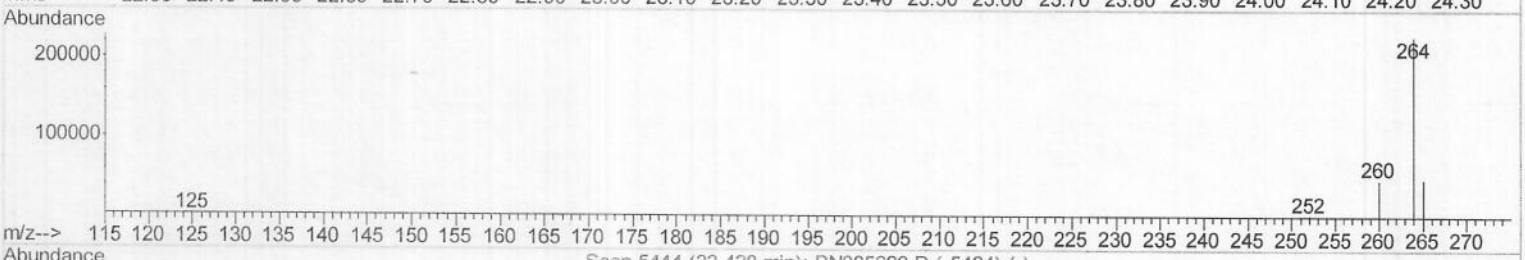
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

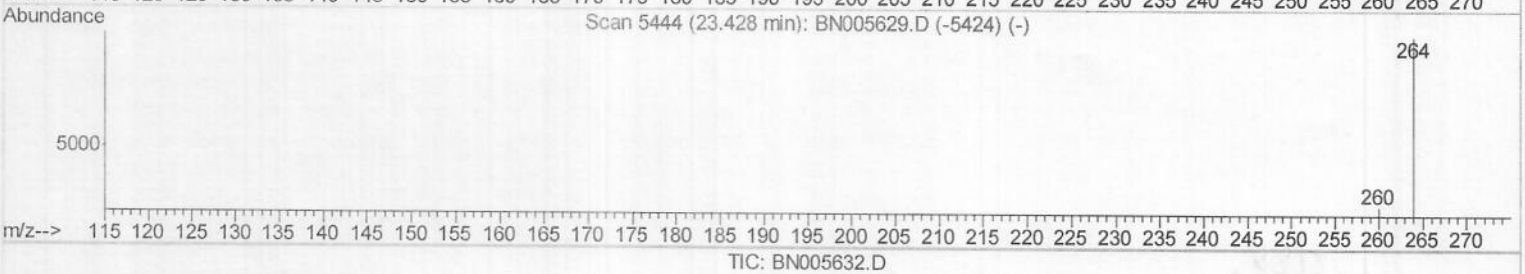
Quant Time: May 12 00:59:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM







TIC: BN005632.D

(20) Perylene-d12 (I)

23.276min (-0.152) 0.40ng/ul

response 402683

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.80
265.00	31.70	21.37#
0.00	0.00	0.00

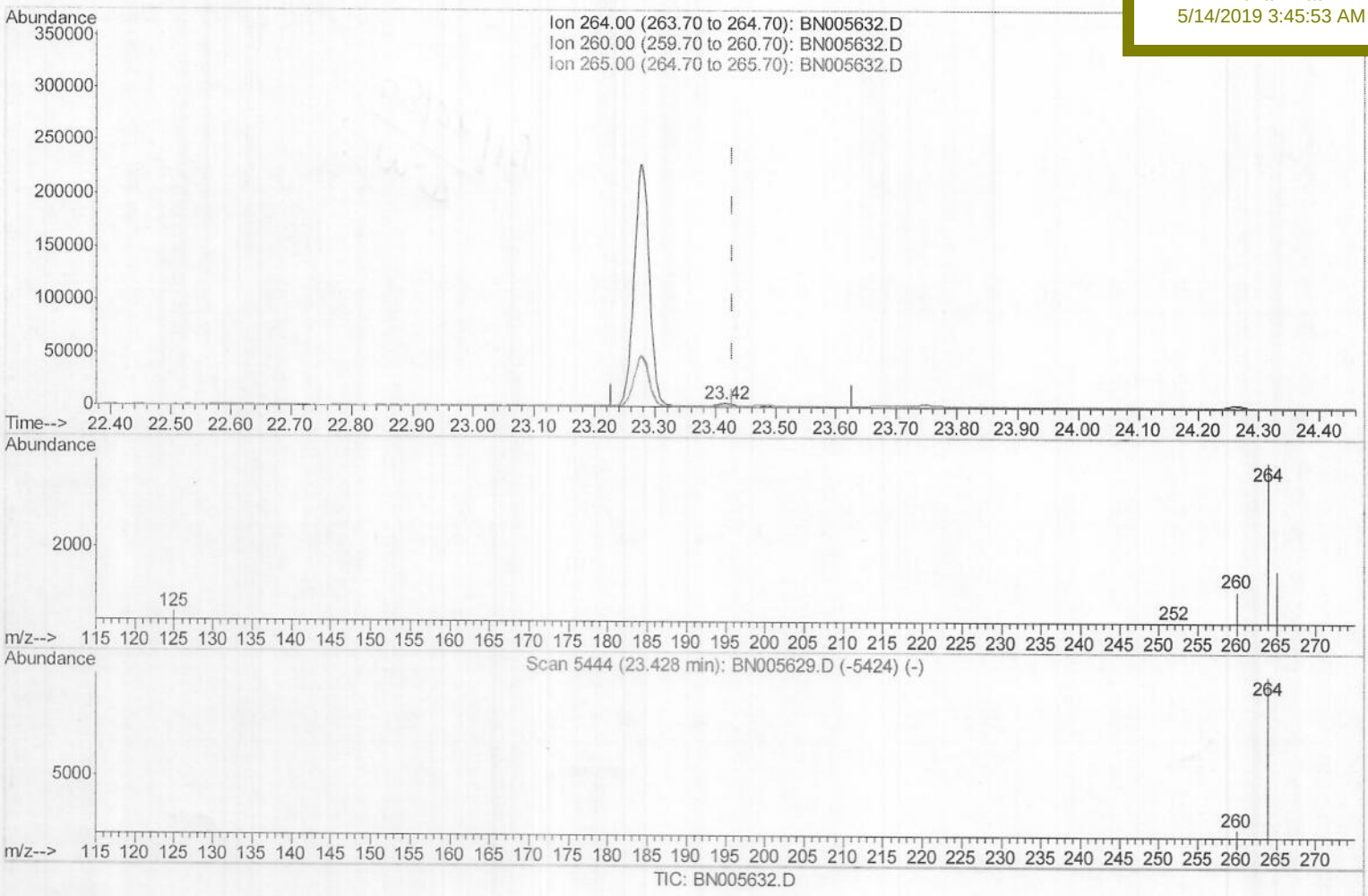
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:08 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



(20) Perylene-d12 (I)

23.416min (-0.012) 0.40ng/ul m > JU 05/14/19

response 6007

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	30.39#
265.00	31.70	41.90#
0.00	0.00	0.00

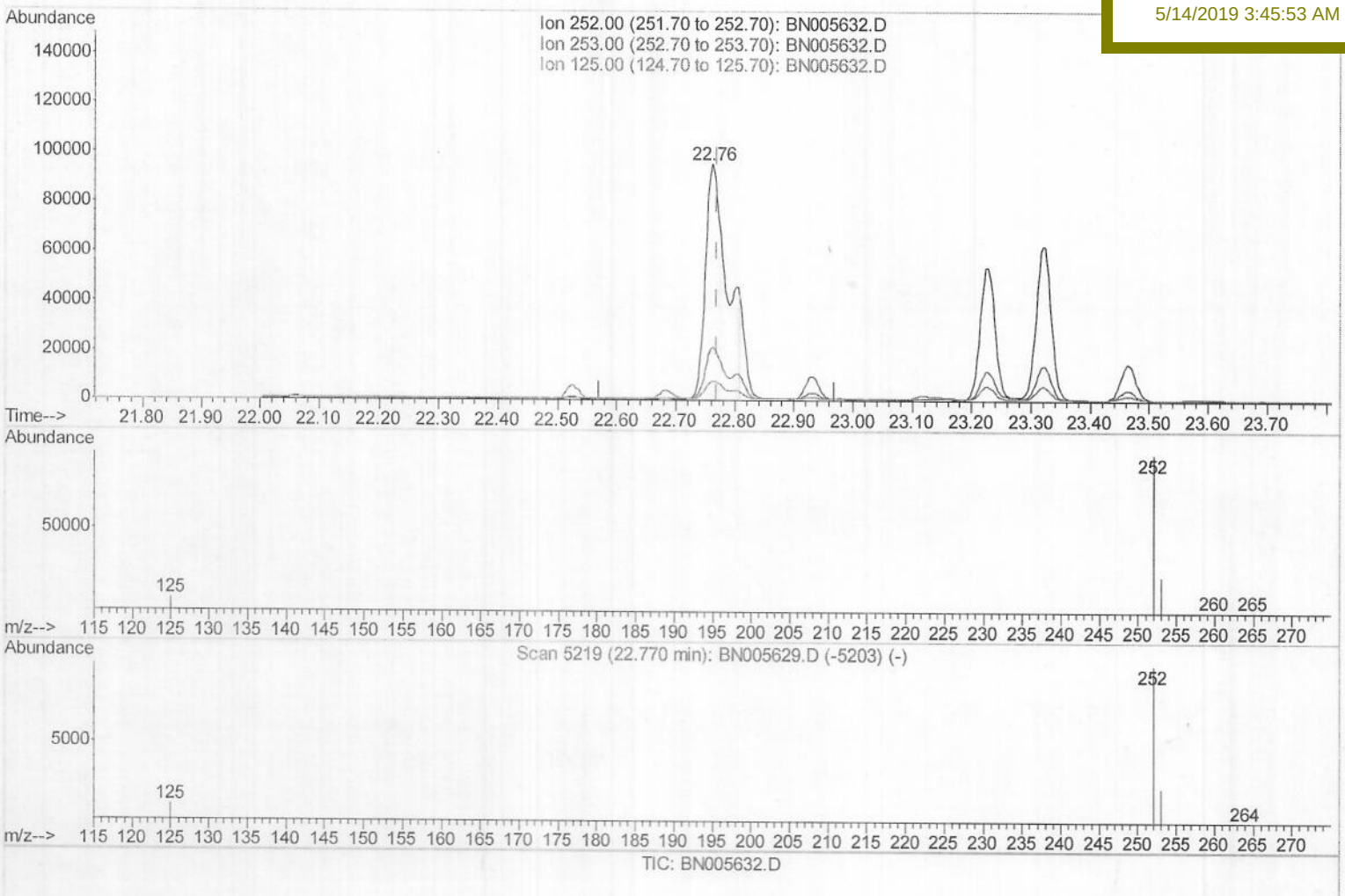
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(21) Benzo(b)fluoranthene

22.761min (-0.009) 13.34ng/ul

response 240903

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	22.84
125.00	10.40	8.20
0.00	0.00	0.00

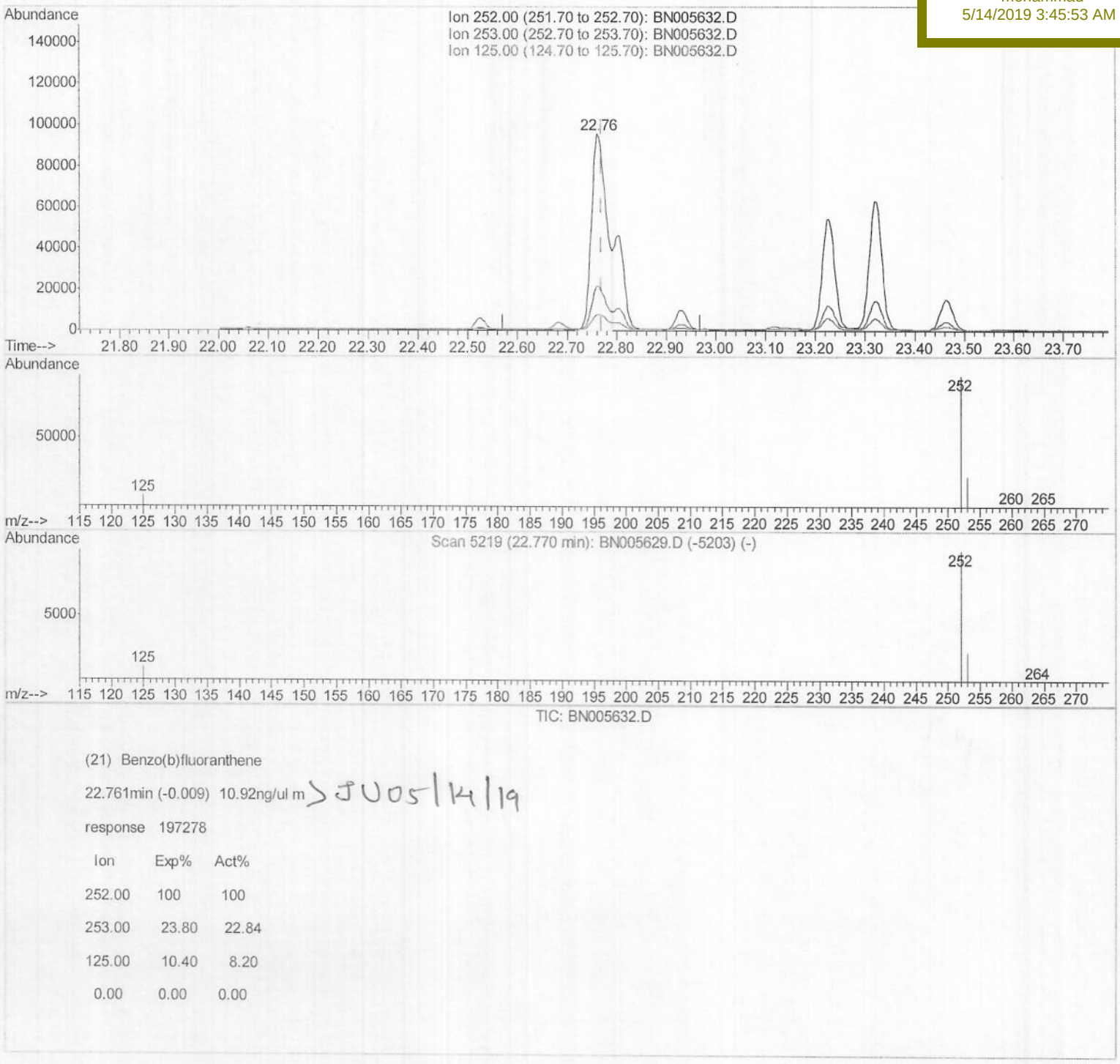
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



(21) Benzo(b)fluoranthene

22.761min (-0.009) 10.92ng/ul m JU 05/14/19

response 197278

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	22.84
125.00	10.40	8.20
0.00	0.00	0.00

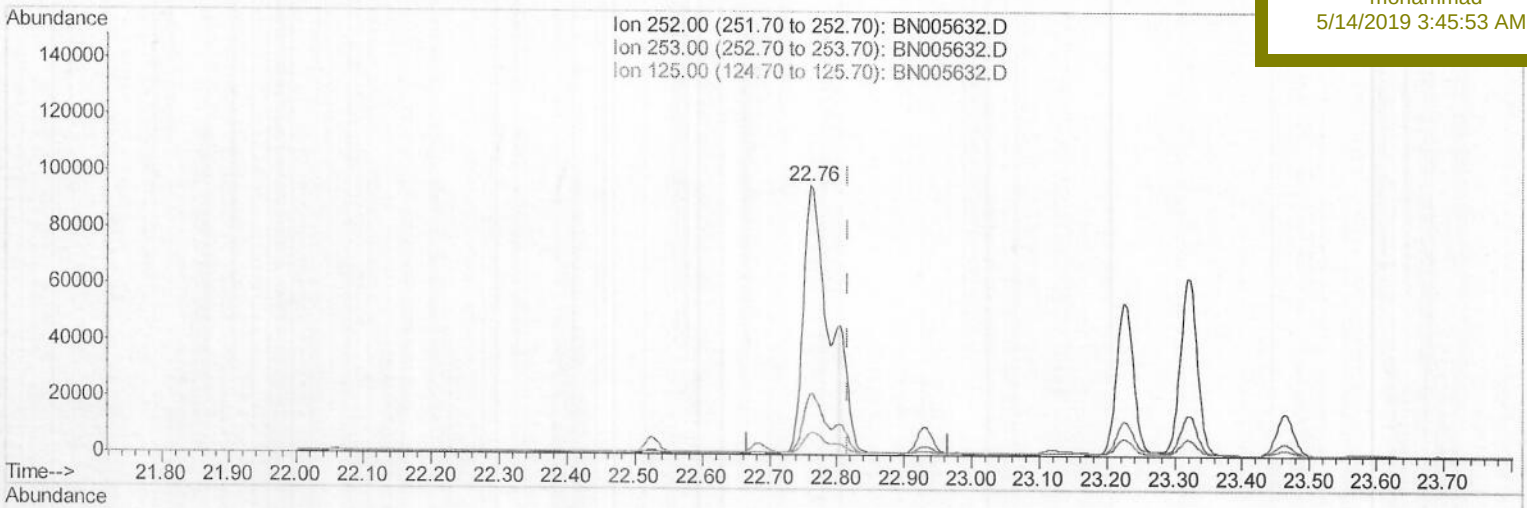
Quantitation Report (Qedit)

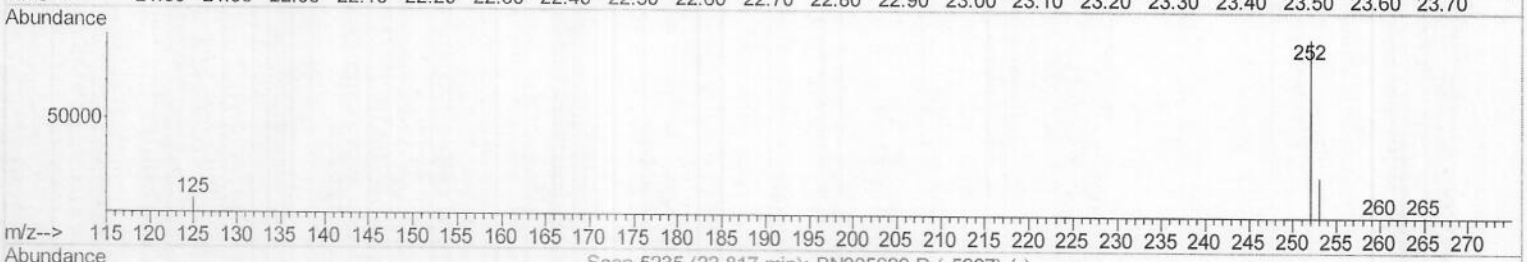
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

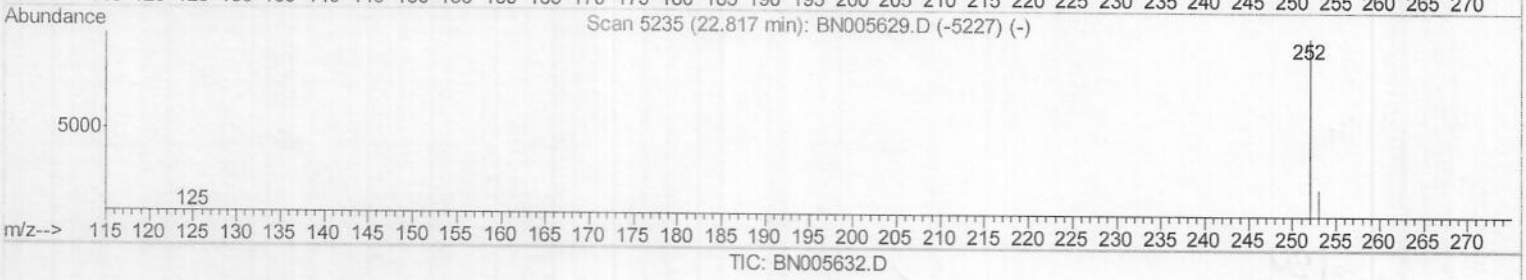
Quant Time: May 12 00:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM







TIC: BN005632.D

(22) Benzo(k)fluoranthene

22.761min (-0.056) 9.96ng/ul

response 225340

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	22.84
125.00	9.50	8.20
0.00	0.00	0.00

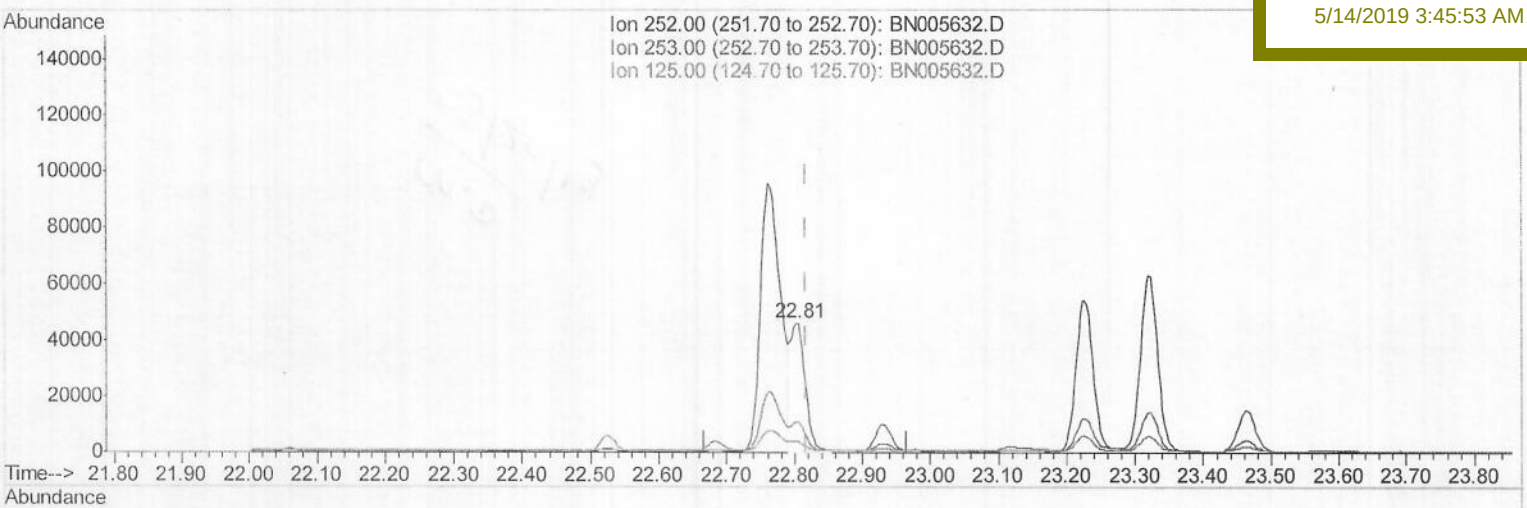
Quantitation Report (Qedit)

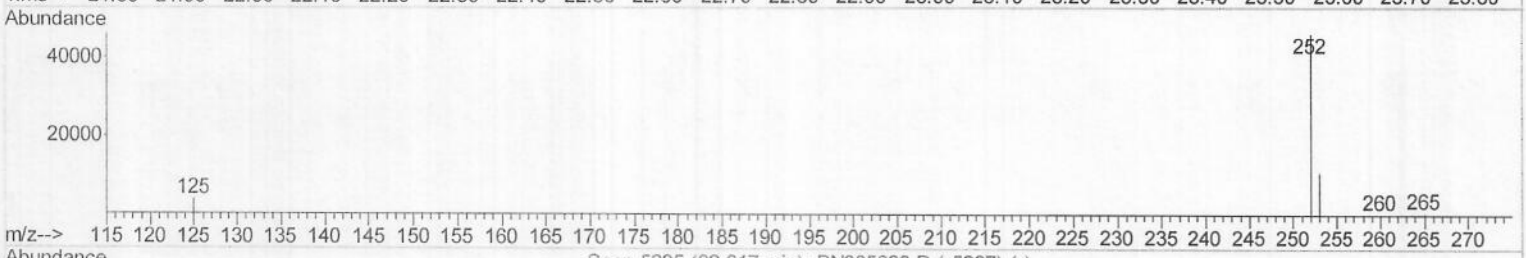
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

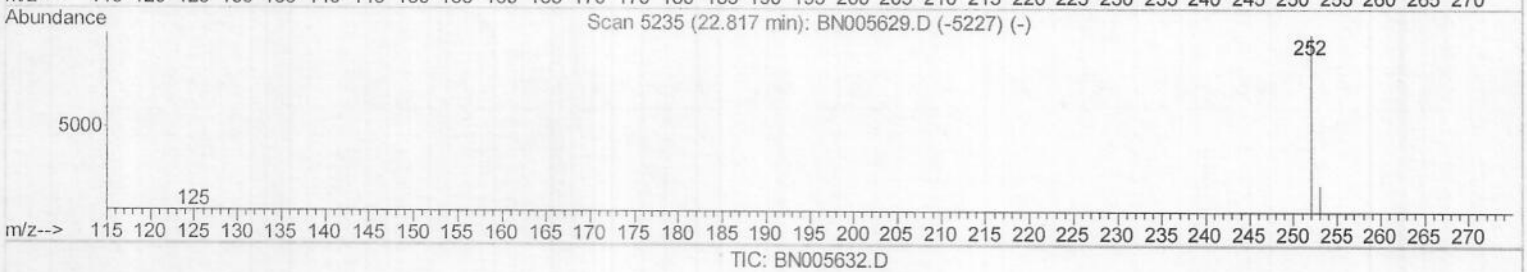
Quant Time: May 12 00:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM







TIC: BN005632.D

(22) Benzo(k)fluoranthene

22.805min (-0.012) 3.11ng/ul m JU 05/14/19

response 70444

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	23.64
125.00	9.50	8.38
0.00	0.00	0.00

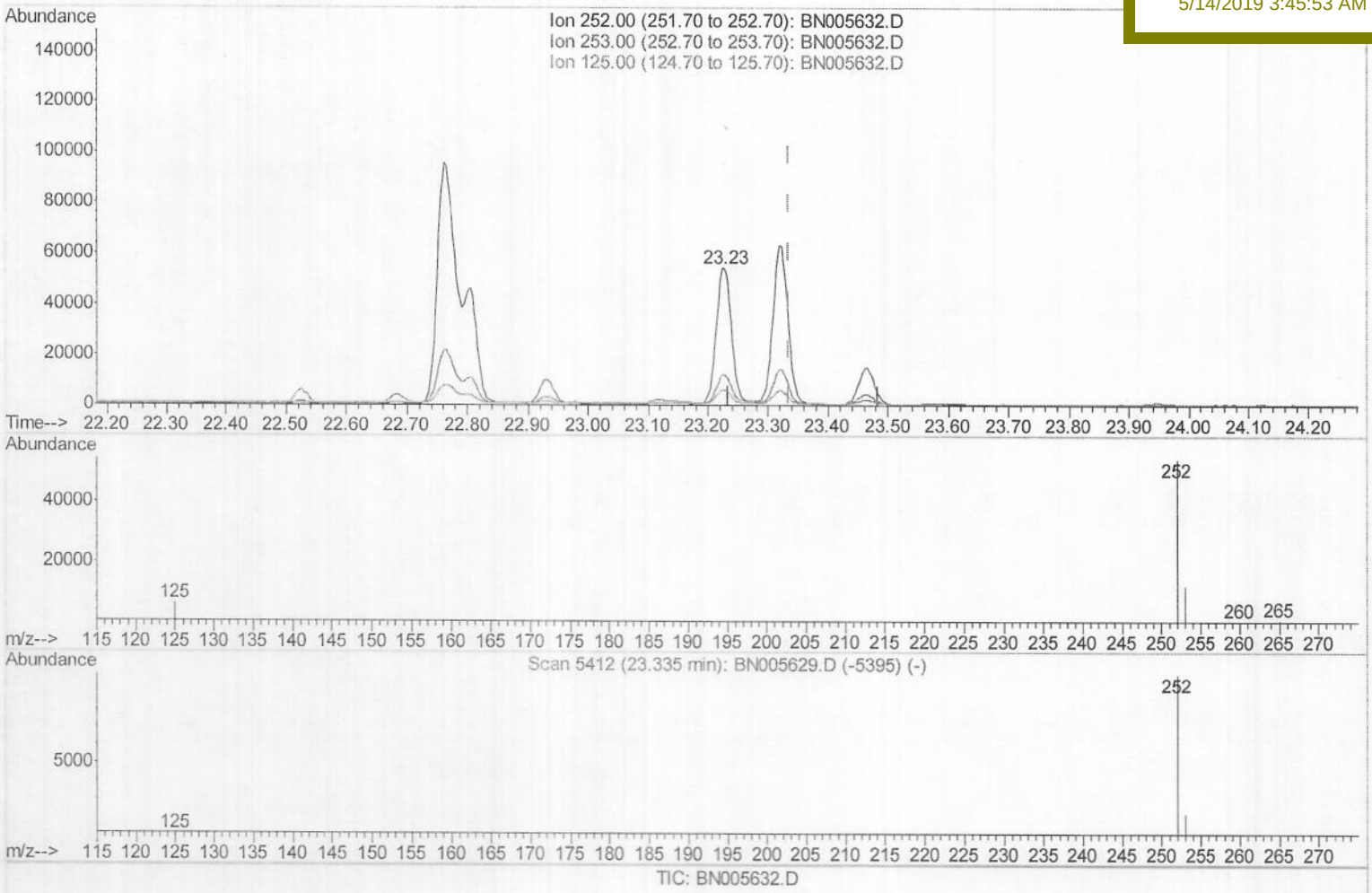
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(23) Benzo(a)pyrene (C)

23.226min (-0.108) 4.77ng/ul

response 96258

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	22.49
125.00	12.60	11.03
0.00	0.00	0.00

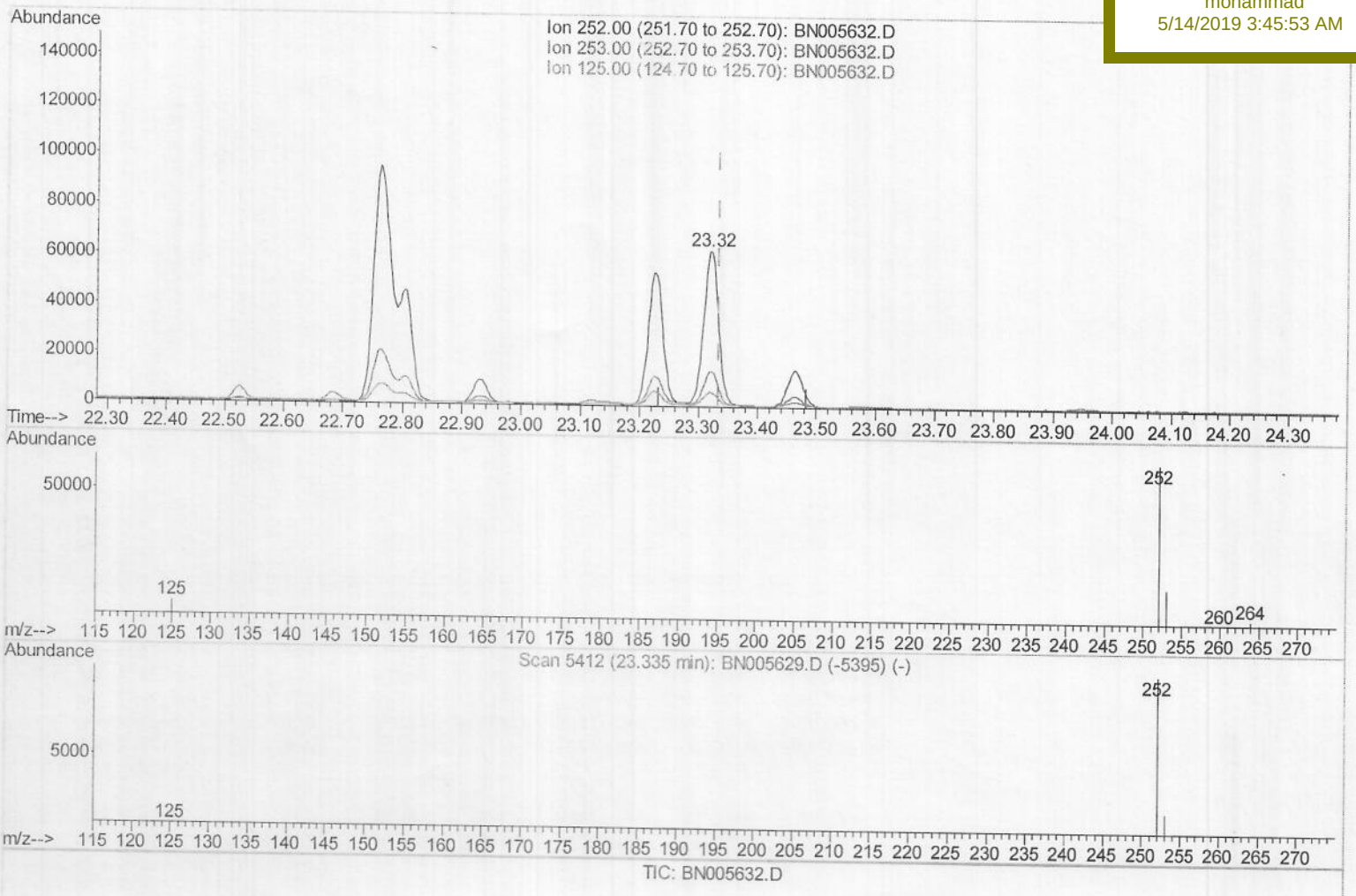
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(23) Benzo(a)pyrene (C)

23.320min (-0.015) 5.50ng/ul m > JV 05/14/19

response 111024

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	22.98
125.00	12.60	9.36#
0.00	0.00	0.00

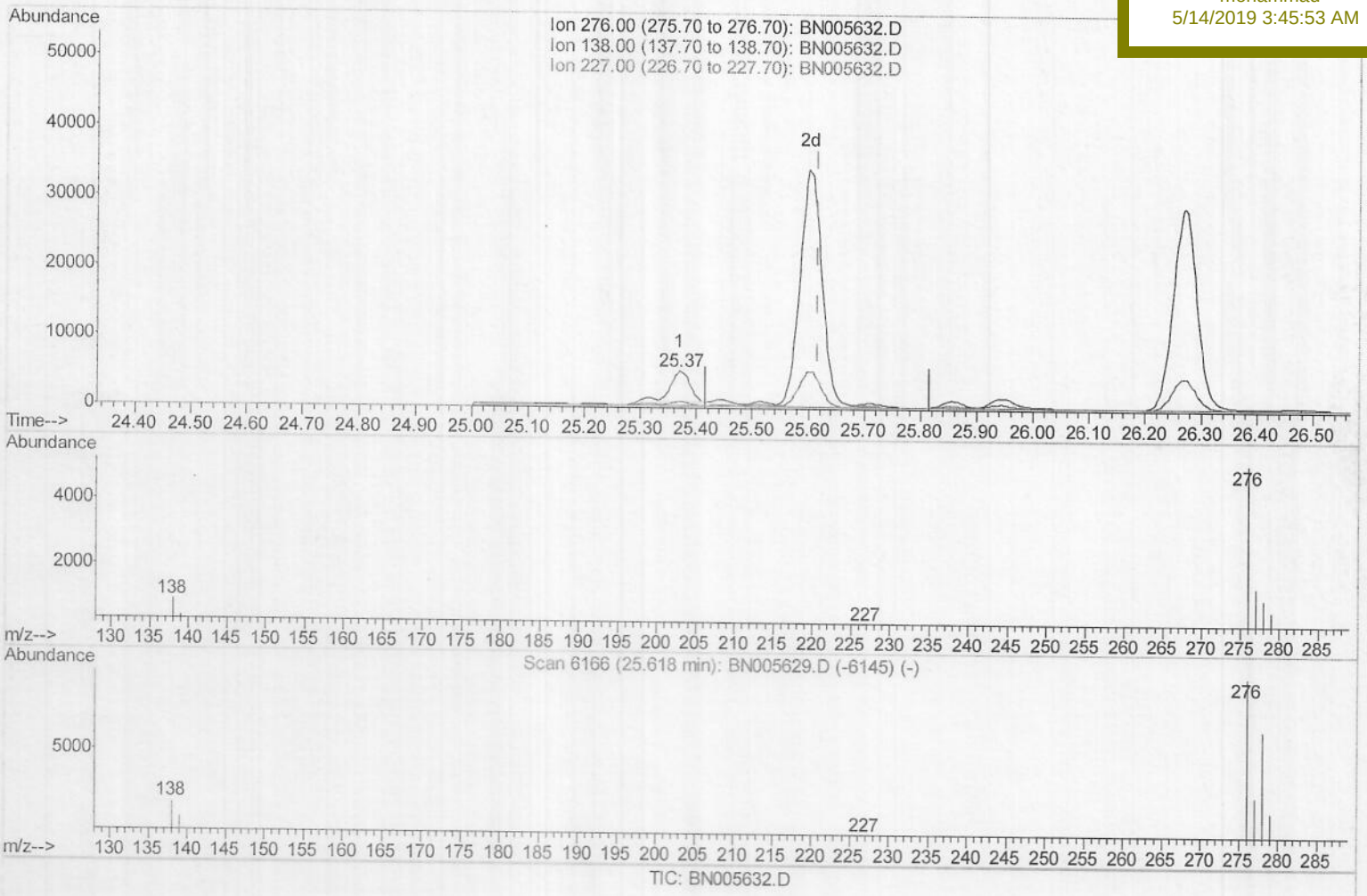
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(24) Indeno(1,2,3-cd)pyrene

25.369min (-0.248) 0.44ng/ul

response 9974

Ion	Exp%	Act%
276.00	100	100
138.00	19.80	12.17#
227.00	0.10	0.28#
0.00	0.00	0.00

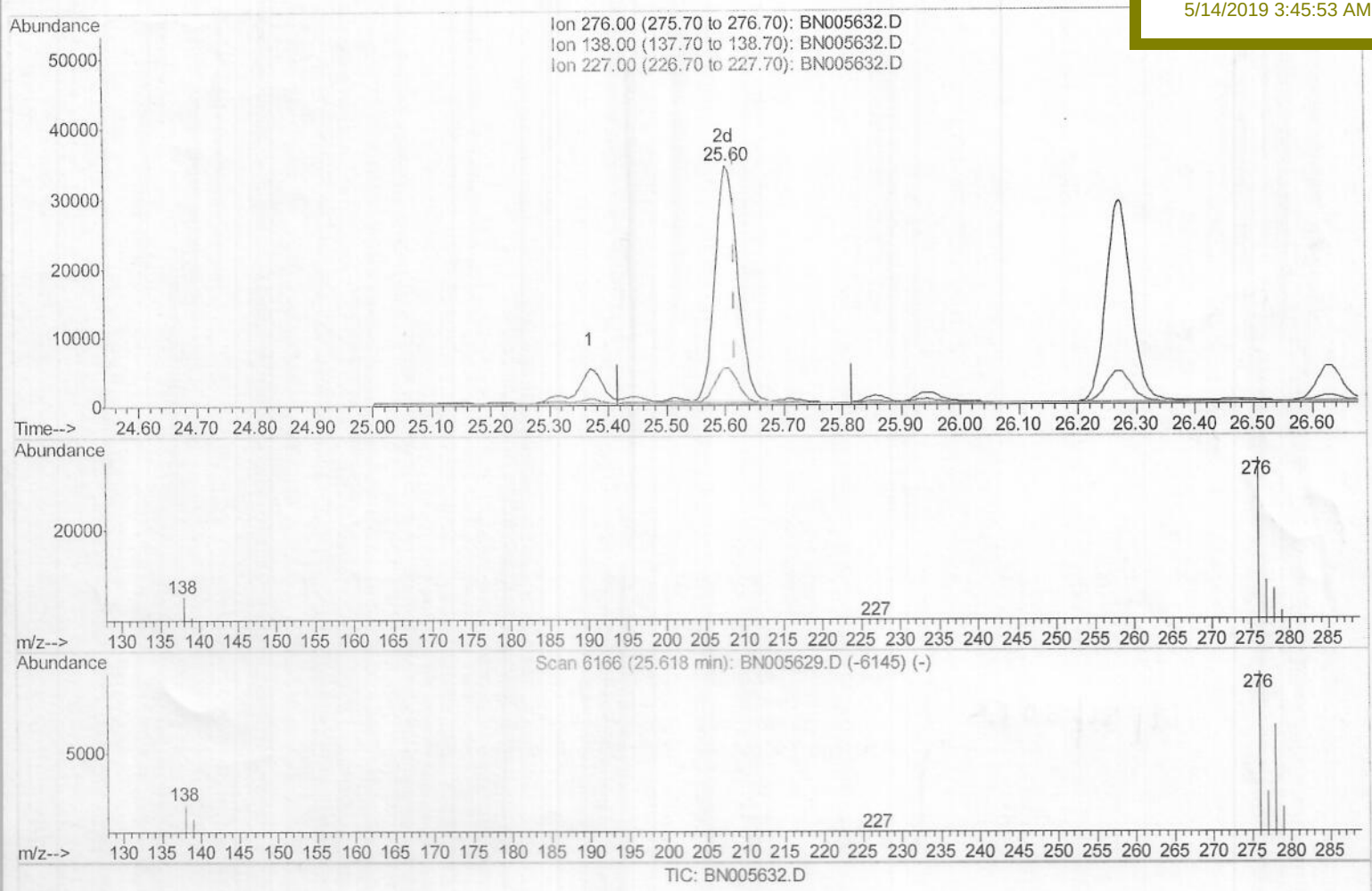
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



(24) Indeno(1,2,3-cd)pyrene

25.601min (-0.017) 4.02ng/ul m > JU05/14/19

response 90812

Ion	Exp%	Act%
276.00	100	100
138.00	19.80	1.34#
227.00	0.10	0.03#
0.00	0.00	0.00

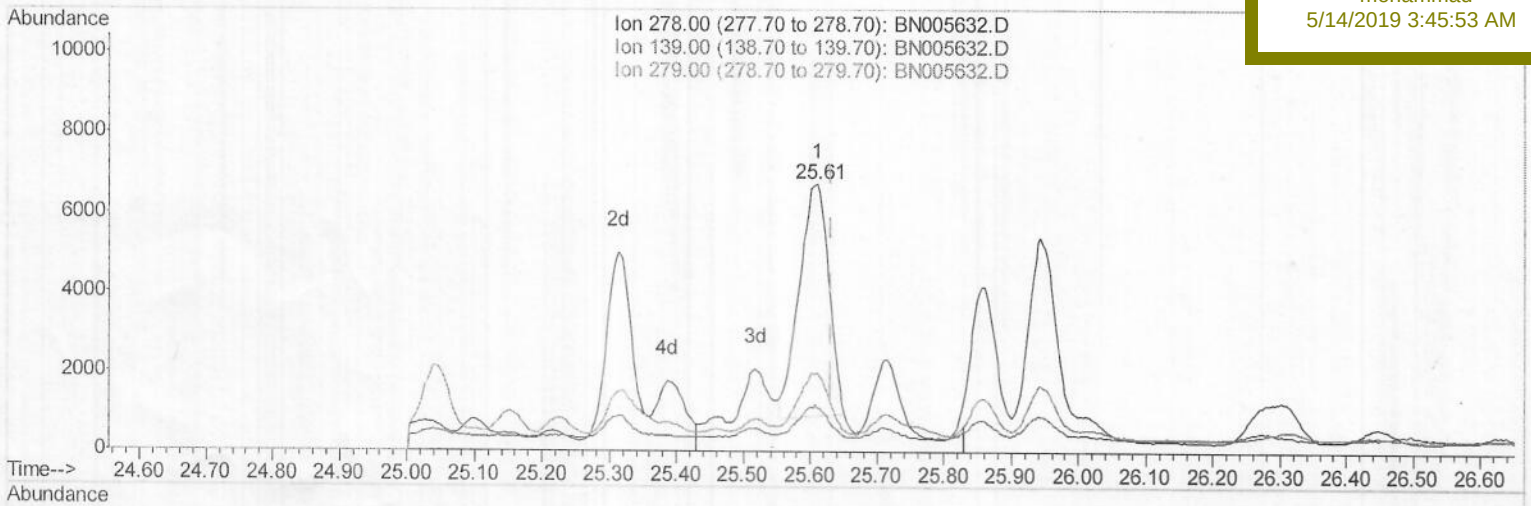
Quantitation Report (Qedit)

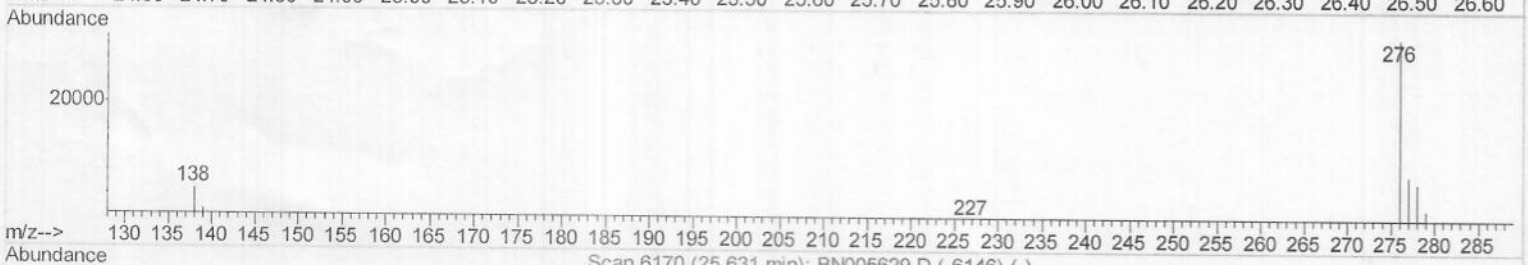
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

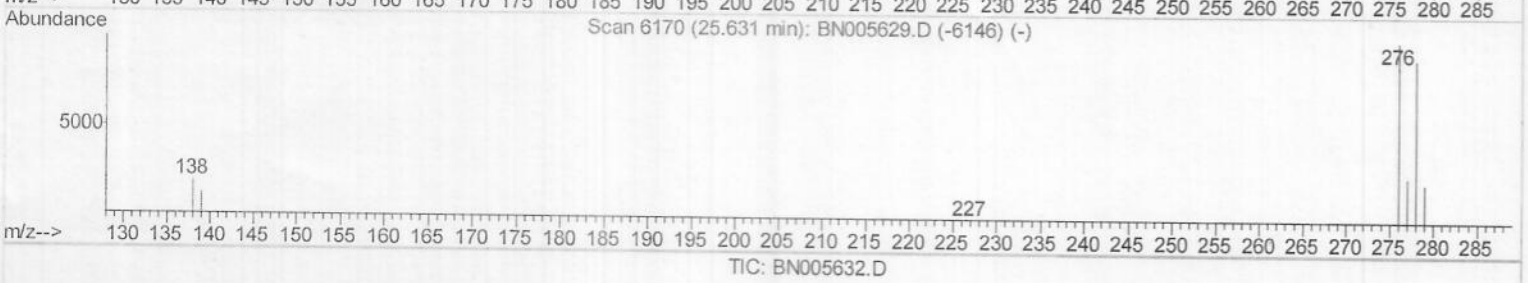
Quant Time: May 12 00:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM







TIC: BN005632.D

(25) Dibenzo(a,h)anthracene

25.611min (-0.020) 0.96ng/ul

response 17911

Ion	Exp%	Act%
278.00	100	100
139.00	15.50	16.51
279.00	26.20	29.68
0.00	0.00	0.00

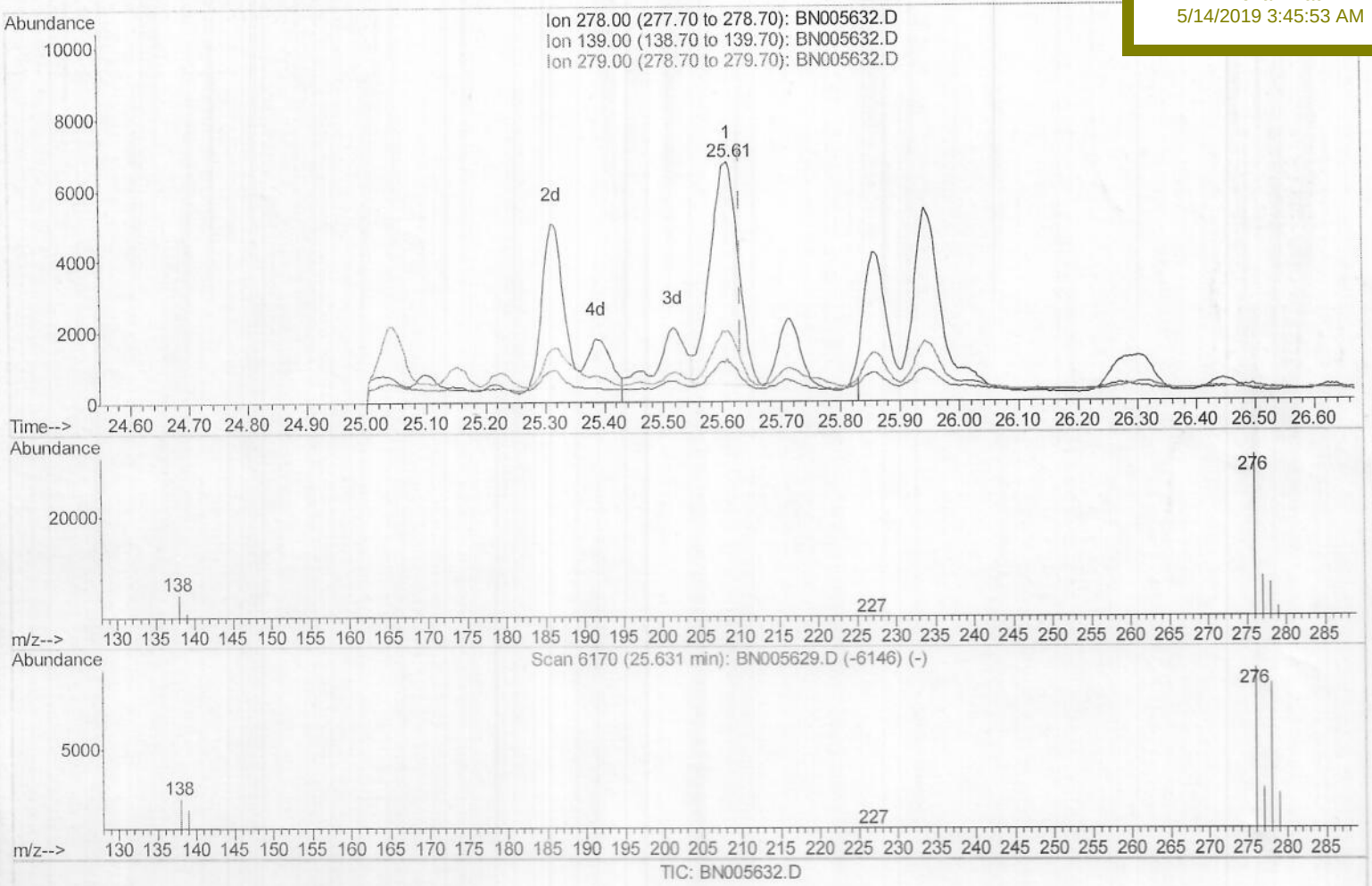
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(25) Dibenzo(a,h)anthracene

25.611min (-0.020) 1.11ng/ul m JU 05/14/19

response 20747

Ion	Exp%	Act%
278.00	100	100
139.00	15.50	16.51
279.00	26.20	29.68
0.00	0.00	0.00

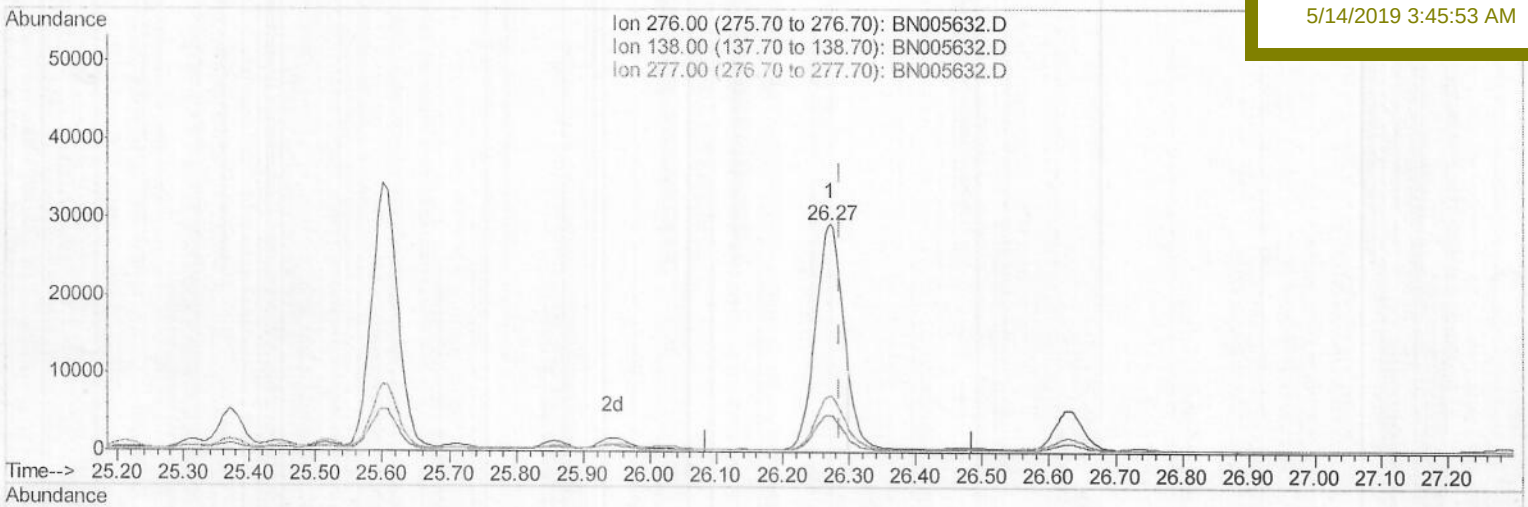
Quantitation Report (Qedit)

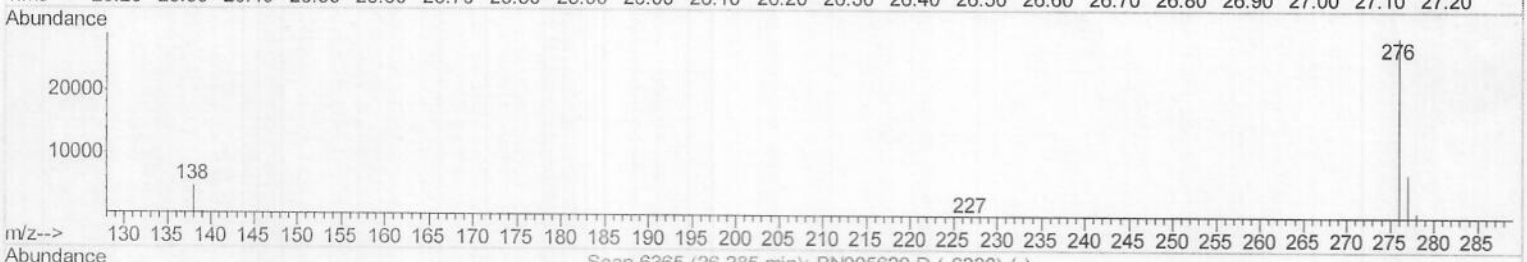
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

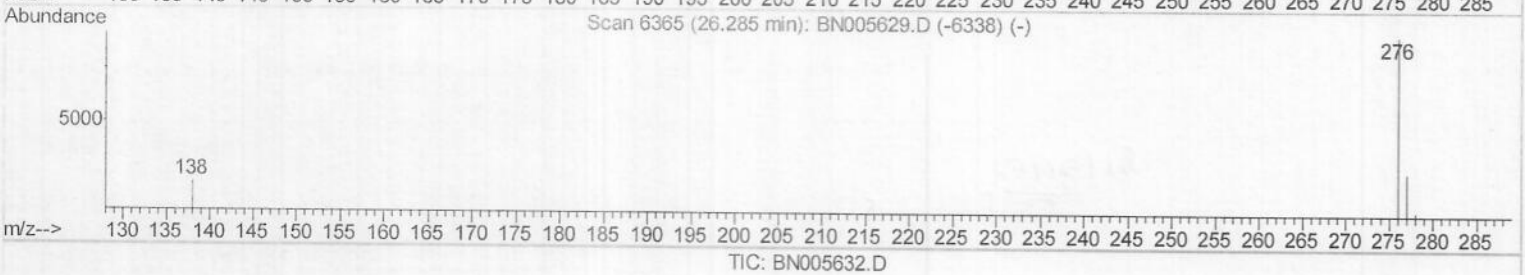
Quant Time: May 12 00:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM







TIC: BN005632.D

(26) Benzo(g,h,i)perylene

26.272min (-0.013) 4.12ng/ul

response 79400

Ion	Exp%	Act%
276.00	100	100
138.00	19.50	16.15
277.00	25.80	24.56
0.00	0.00	0.00

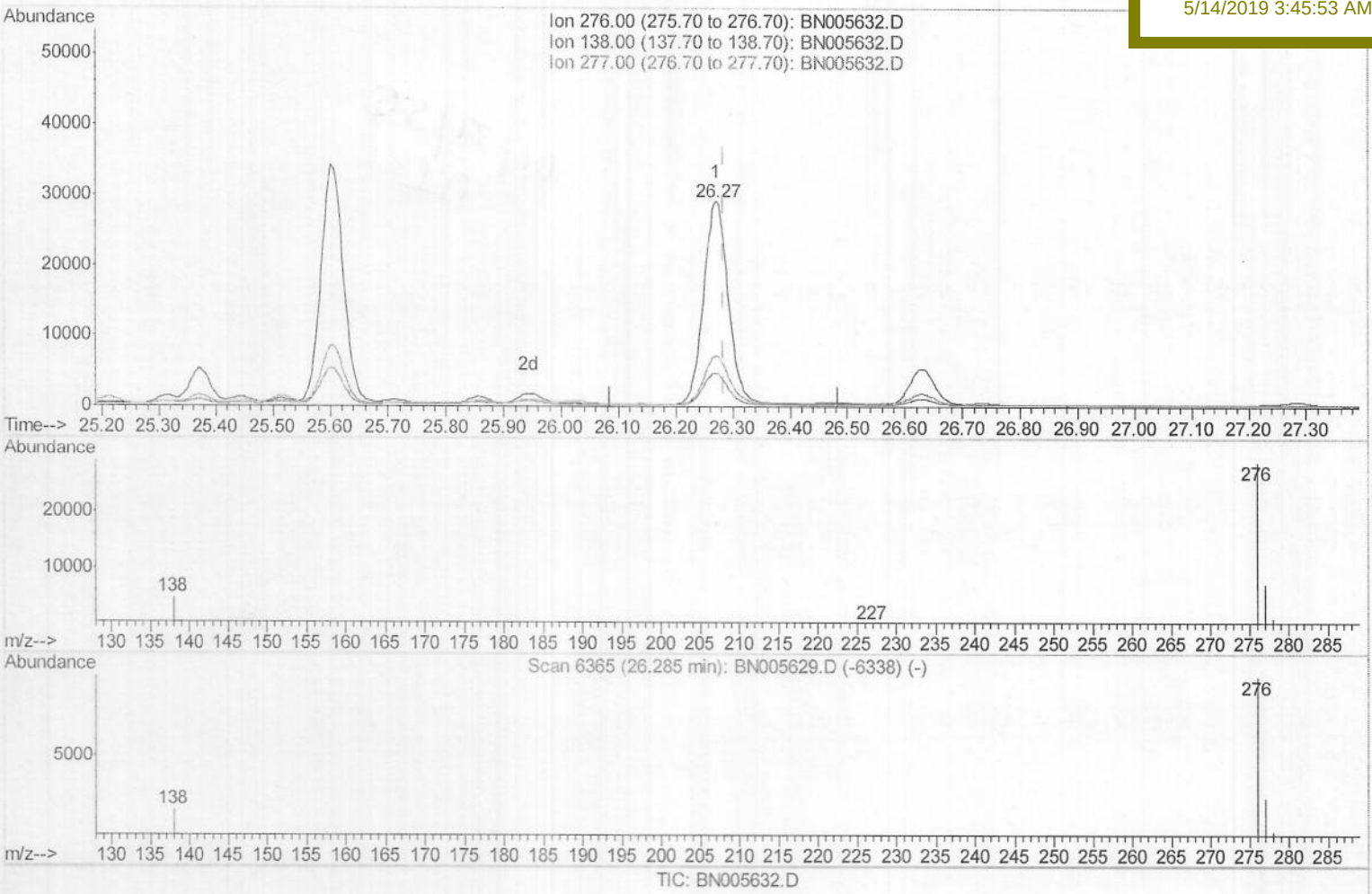
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 00:59:51 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 :
A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM



TIC: BN005632.D

(26) Benzo(g,h,i)perylene

26.272min (-0.013) 4.52ng/ul m JJ 05/14/19

response 87004

Ion	Exp%	Act%
276.00	100	100
138.00	19.50	16.15
277.00	25.80	24.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005632.D
Acq On : 11 May 2019 18:24
Operator : JU/SJ
Sample : K2606-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 01:03:08 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 : A5138

Manual Integrations APPROVED
mohammad
5/14/2019 3:45:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1687	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	6704	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4030	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	9543m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.21	240	6895m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	6007m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2845	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	7418m	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	1272	0.072	ng/ul#	89
5) 2-Methylnaphthalene	12.04	142	520	0.043	ng/ul	100
7) Acenaphthylene	13.94	152	4350	0.214	ng/ul	99
8) Acenaphthene	14.28	153	2428	0.169	ng/ul	98
9) Fluorene	15.28	166	4283	0.255	ng/ul	99
12) Phenanthrene	17.01	178	152290m	5.857	ng/ul	
13) Anthracene	17.11	178	14562m	0.561	ng/ul	
15) Fluoranthene	19.05	202	404658m	11.244	ng/ul	
17) Pyrene	19.42	202	307839	12.090	ng/ul	95
18) Benzo(a)anthracene	21.20	228	114624	4.822	ng/ul	99
19) Chrysene	21.24	228	157113	5.382	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	197278m	10.923	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	70444m	3.112	ng/ul	
23) Benzo(a)pyrene	23.32	252	111024m	5.501	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.60	276	90812m	4.022	ng/ul	
25) Dibenzo(a,h)anthracene	25.61	278	20747m	1.112	ng/ul	
26) Benzo(g,h,i)perylene	26.27	276	87004m	4.519	ng/ul	

JU05/14/19

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