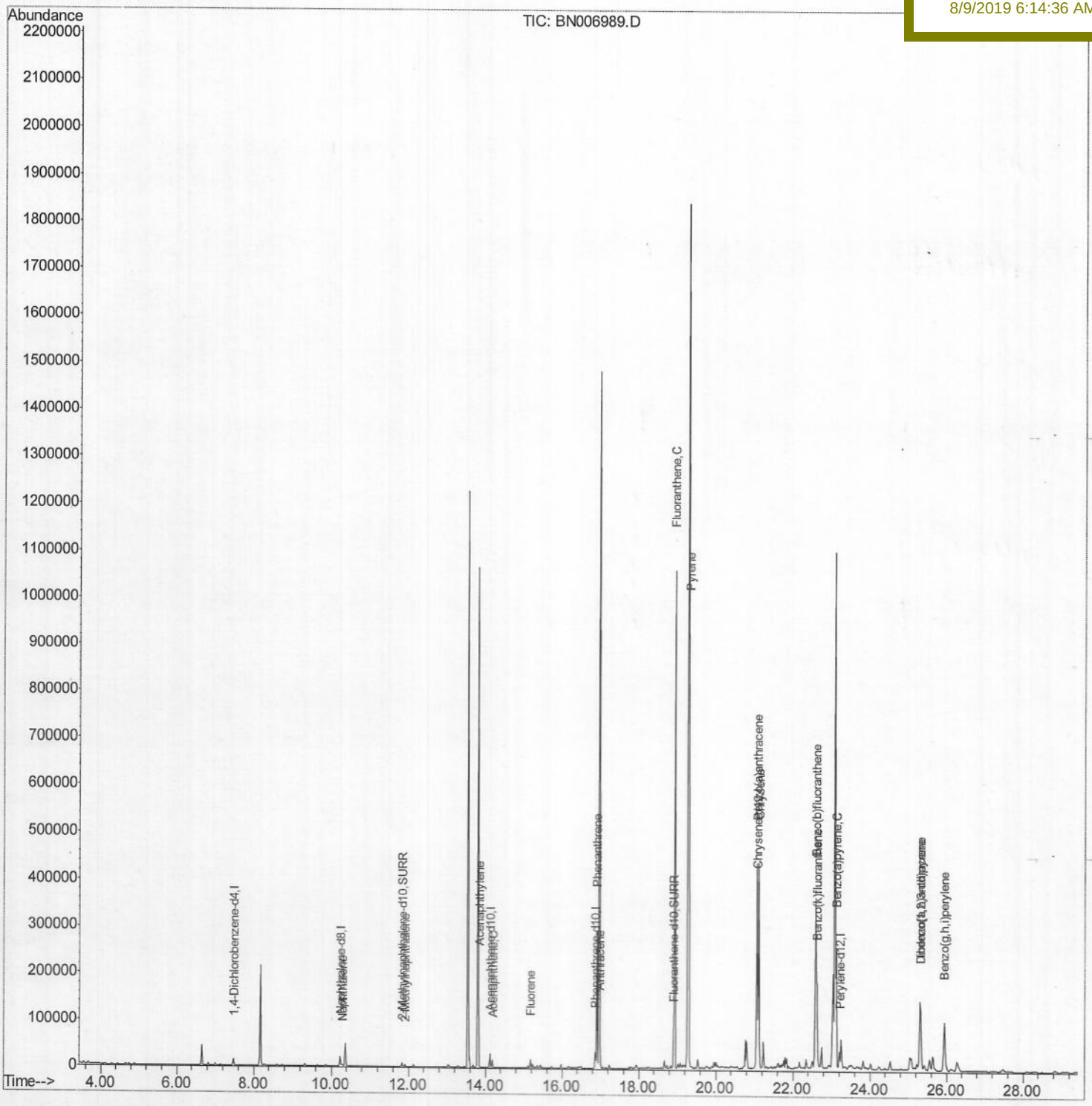
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:16:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



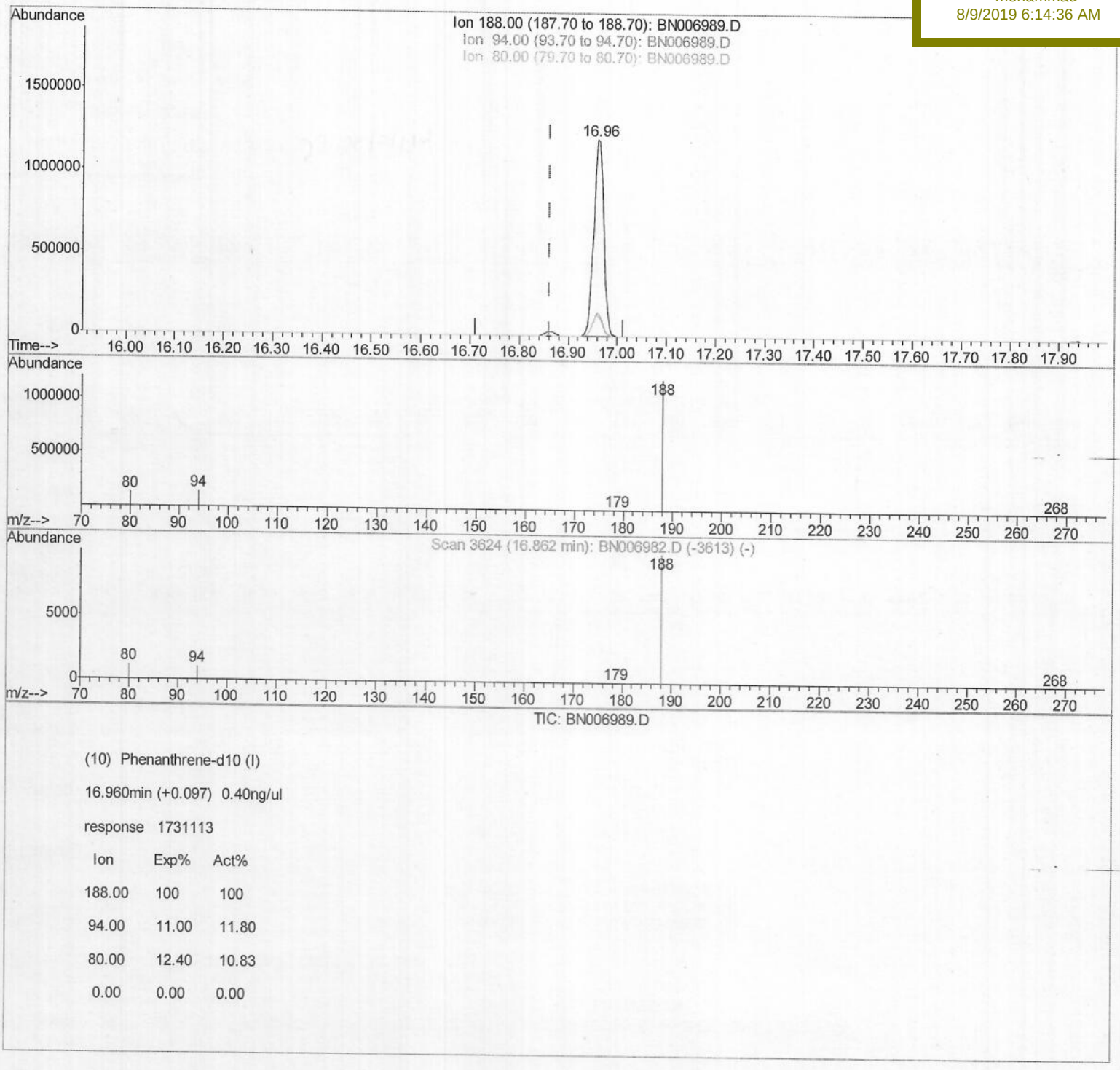
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:10:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(10) Phenanthrene-d10 (I)

16.960min (+0.097) 0.40ng/ul

response 1731113

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.80
80.00	12.40	10.83
0.00	0.00	0.00

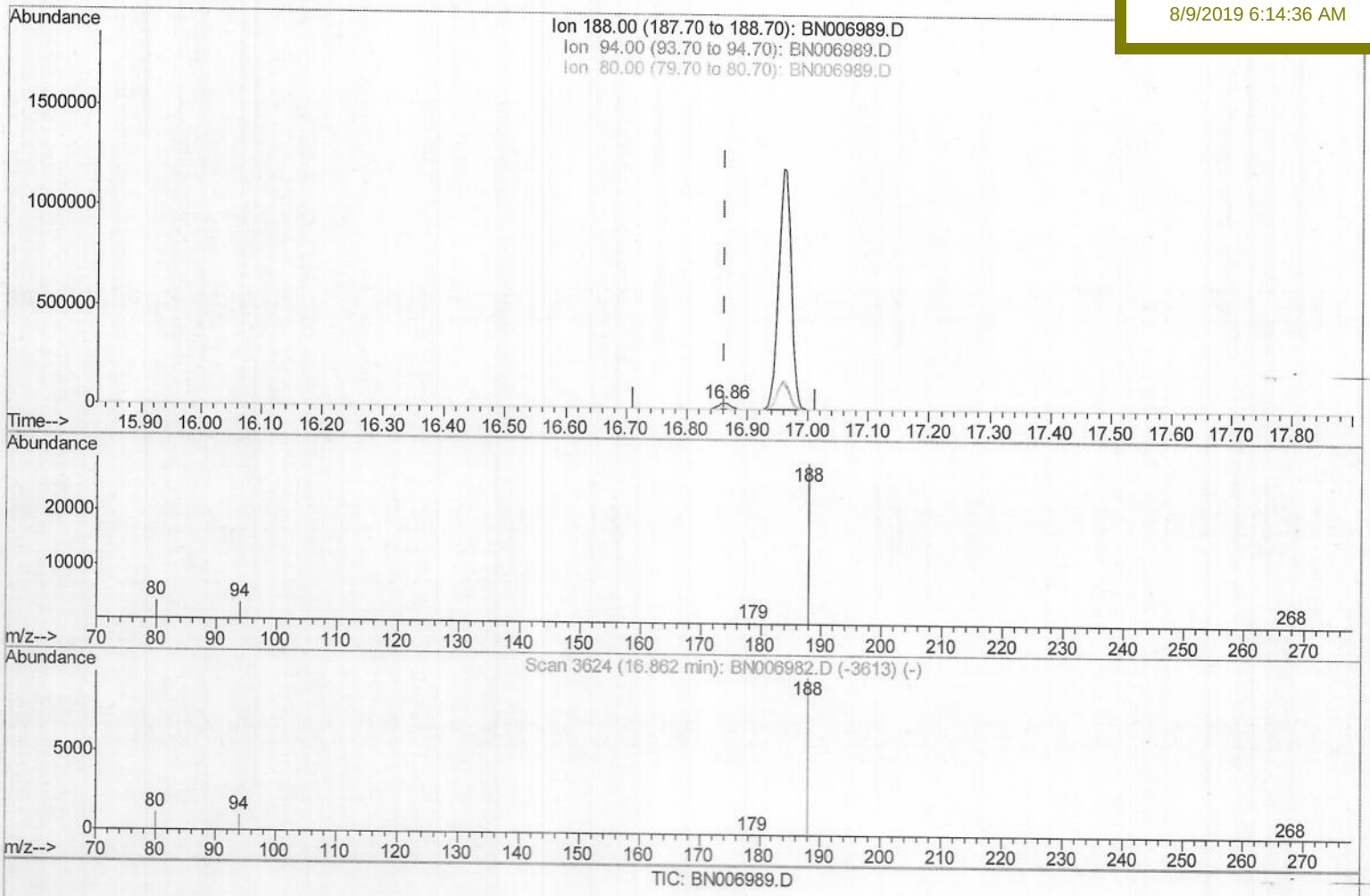
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:10:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



(10) Phenanthrene-d10 (I)

16.862min (+0.000) 0.40ng/ul m JU 08/08/19

response 40383

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.79
80.00	12.40	11.34
0.00	0.00	0.00

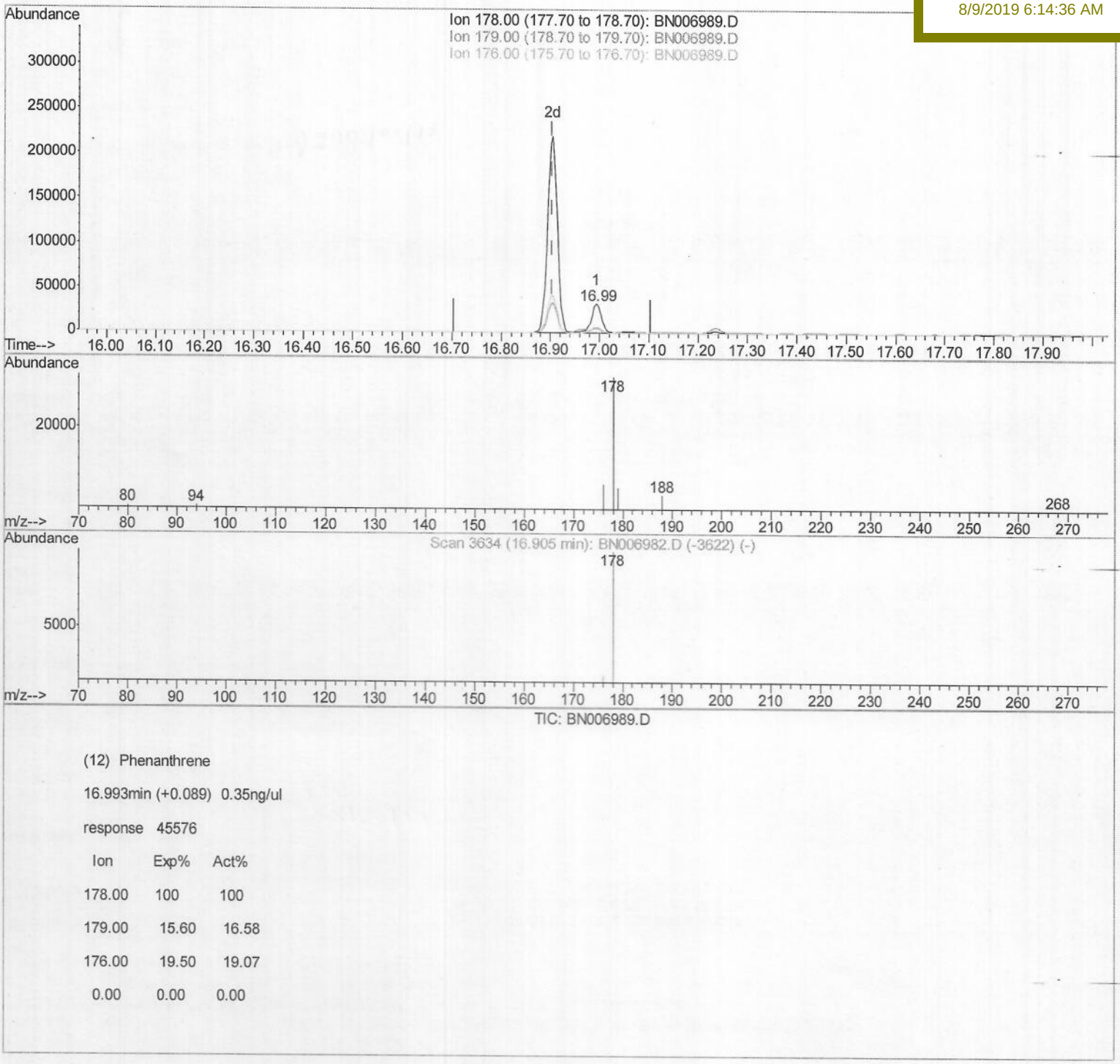
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(12) Phenanthrene

16.993min (+0.089) 0.35ng/ul

response 45576

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.58
176.00	19.50	19.07
0.00	0.00	0.00

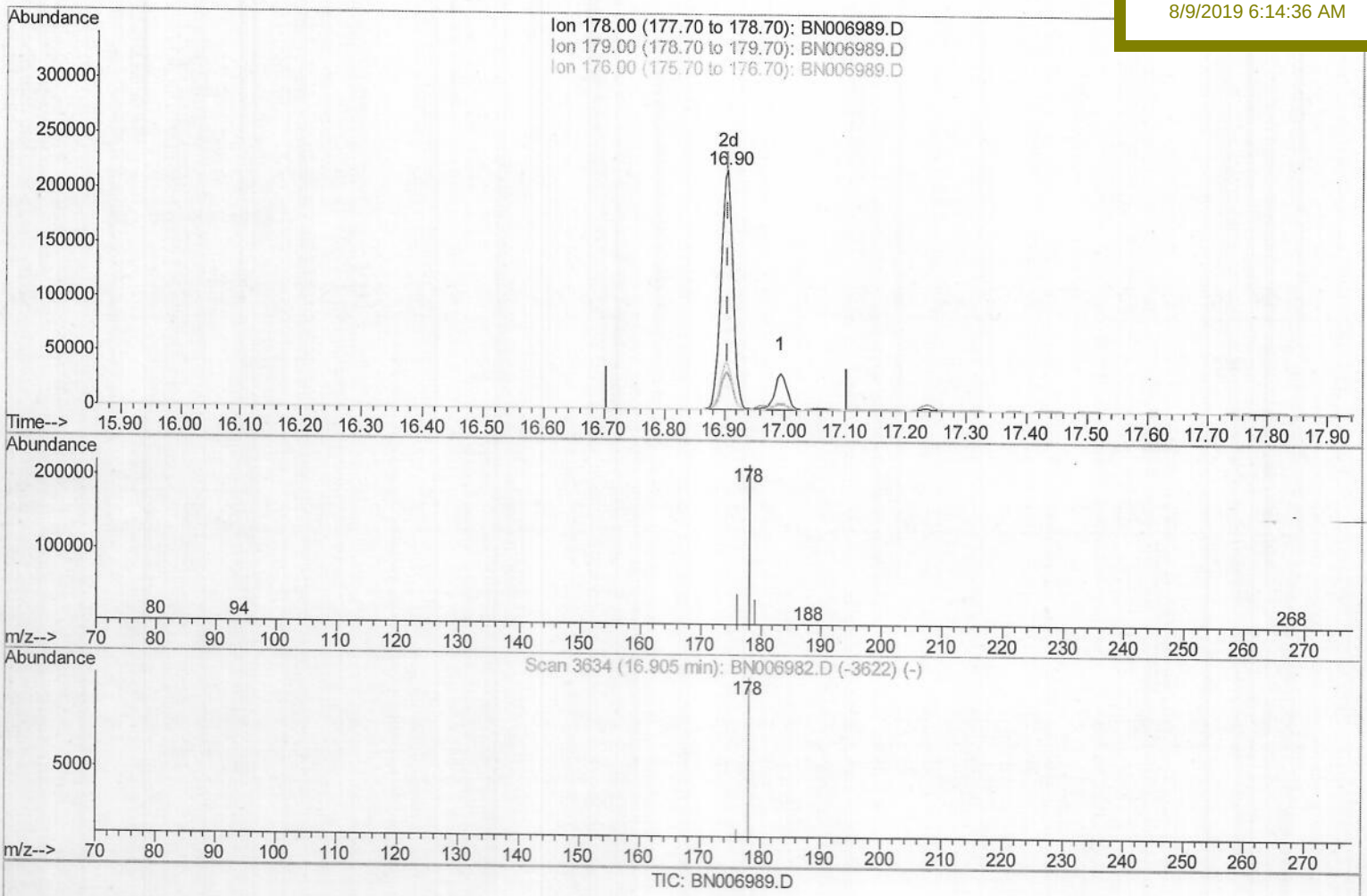
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(12) Phenanthrene

16.905min (+0.000) 2.33ng/ul m JV 08/08/19

response 300470

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.50
176.00	19.50	19.16
0.00	0.00	0.00

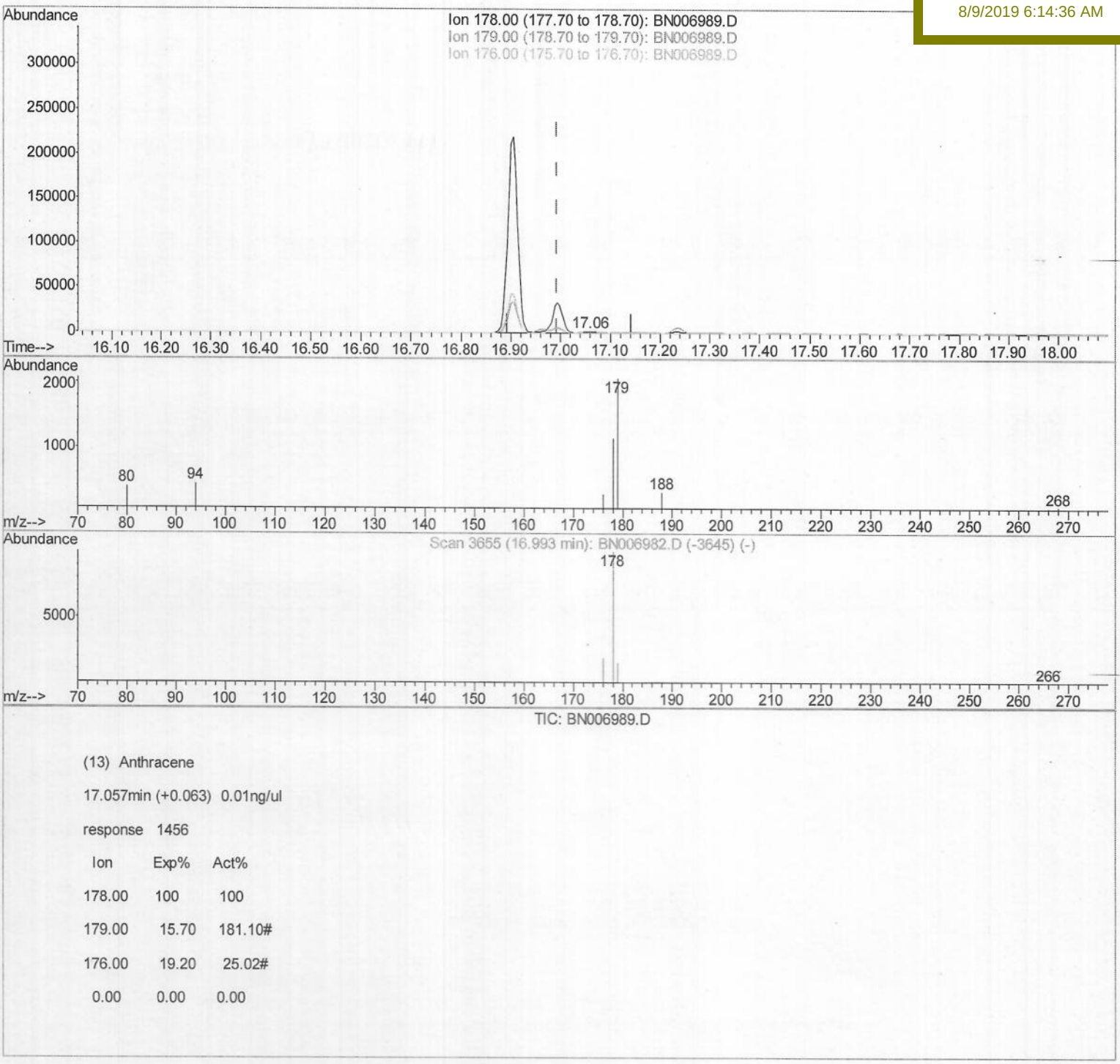
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



(13) Anthracene

17.057min (+0.063) 0.01ng/ul

response 1456

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	181.10#
176.00	19.20	25.02#
0.00	0.00	0.00

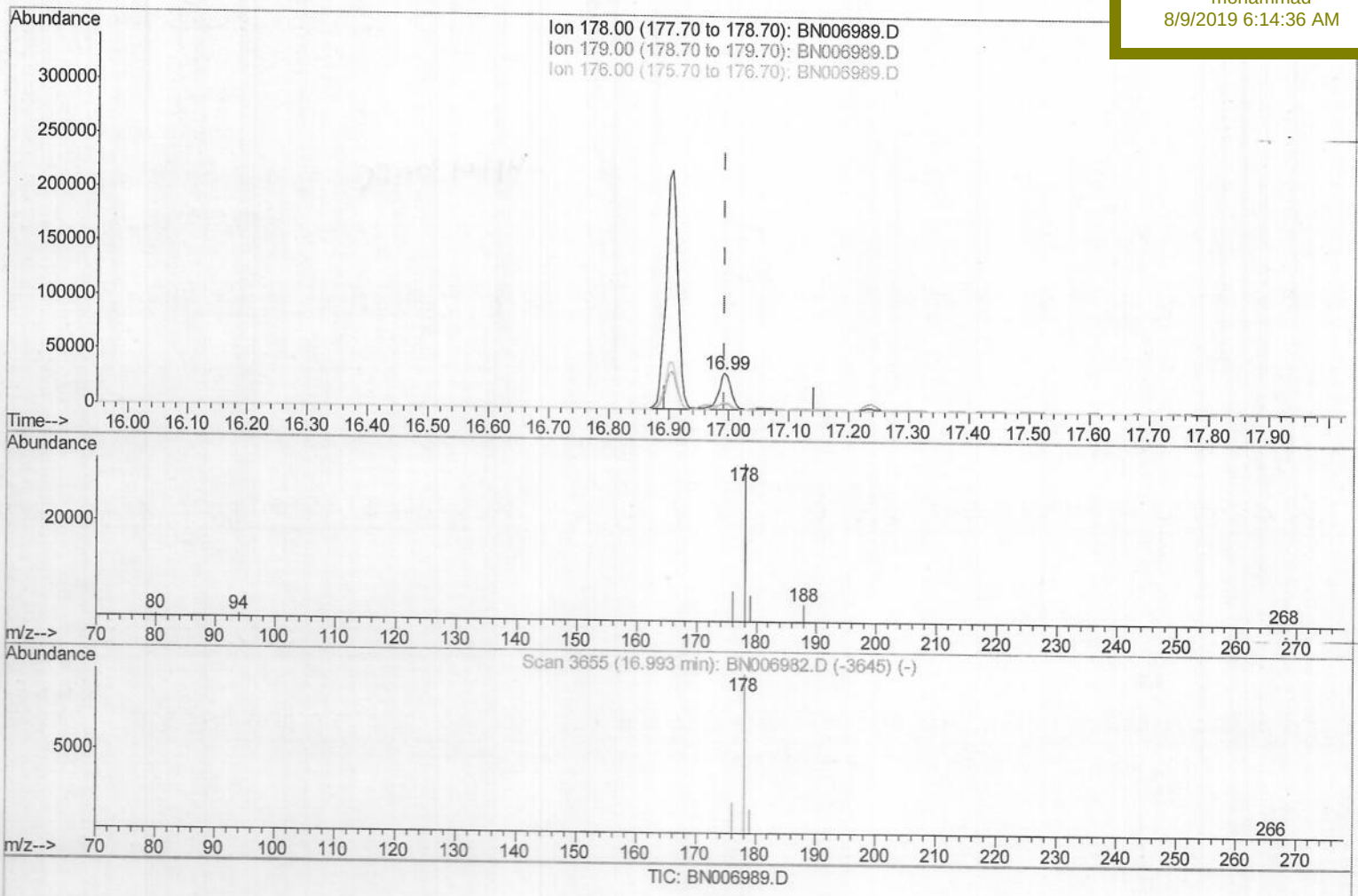
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



(13) Anthracene

16.993min (+0.000) 0.36ng/ul m JJU 08/08/19

response 47586

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	16.58
176.00	19.20	19.07
0.00	0.00	0.00

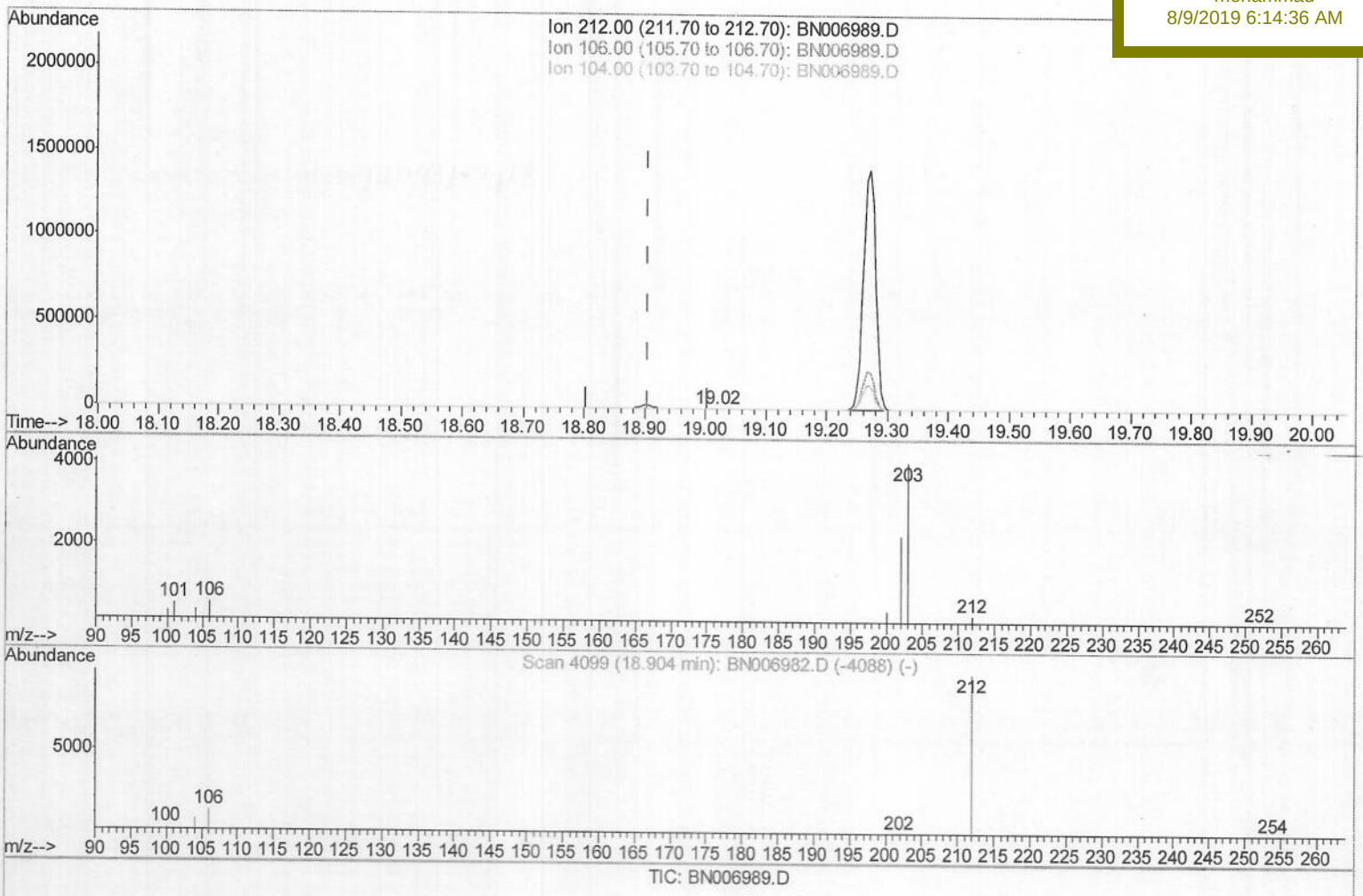
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



(14) Fluoranthene-d10 (SURR)

19.016min (+0.112) 0.00ng/ul

response 283

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	38.87#
104.00	7.10	0.00#
0.00	0.00	0.00

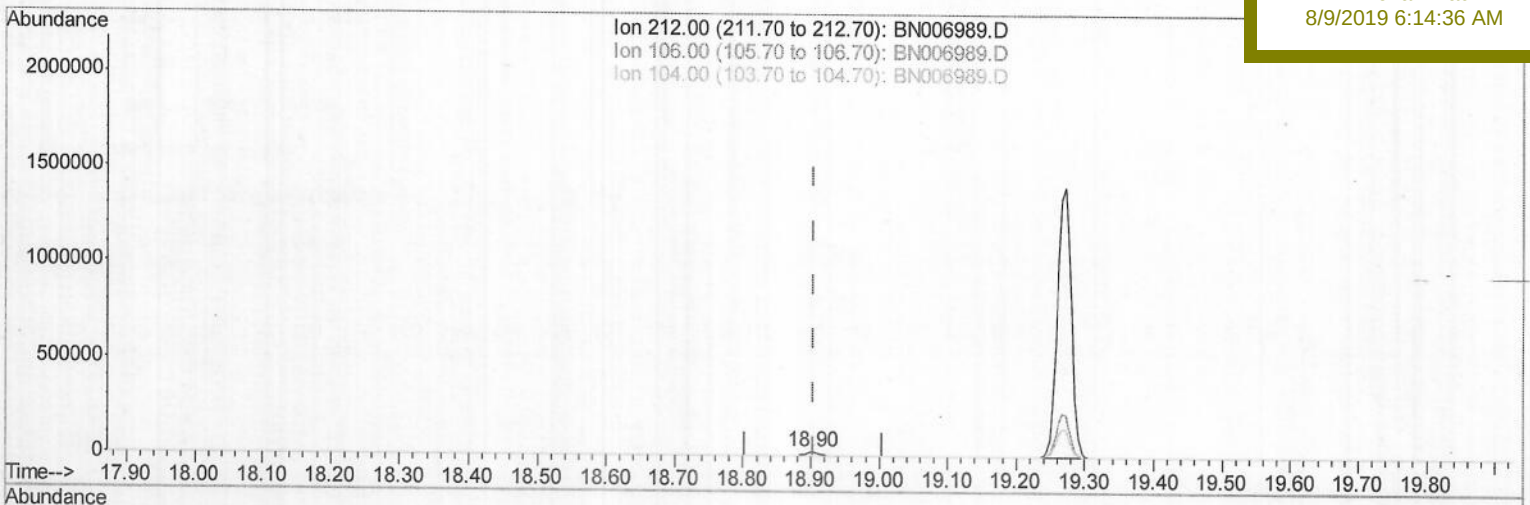
Quantitation Report (Qedit)

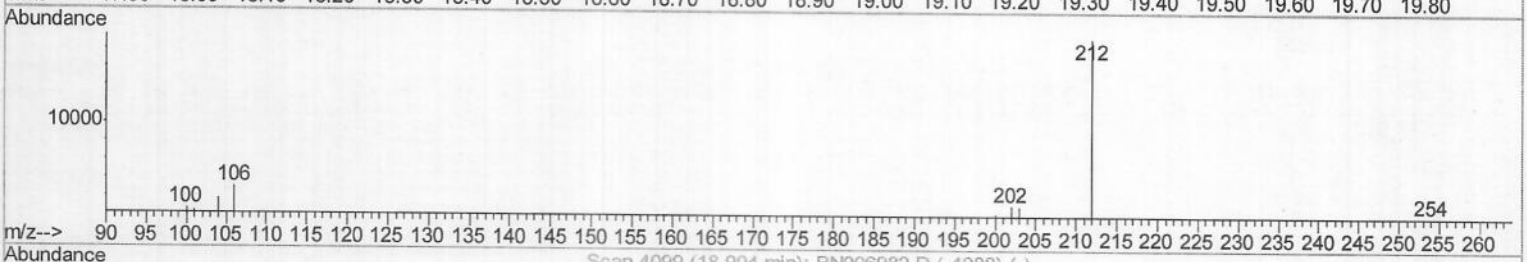
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

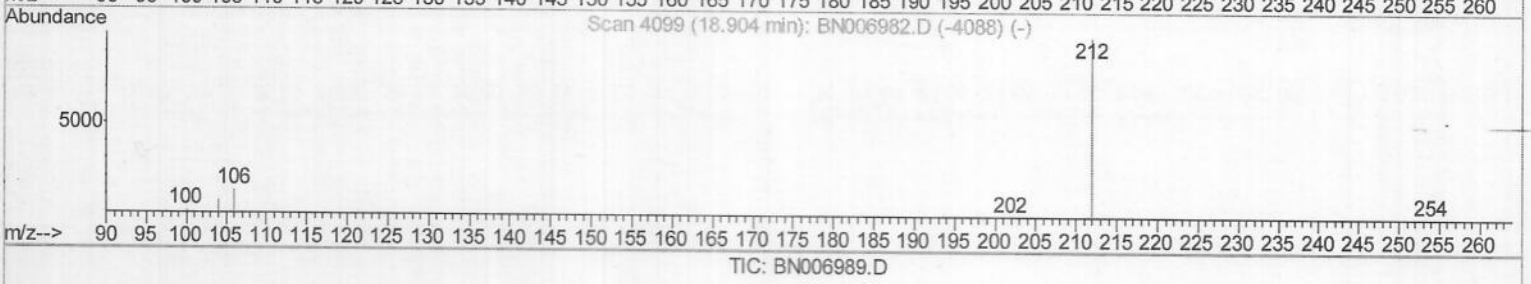
Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM







TIC: BN006989.D

(14) Fluoranthene-d10 (SURR)

18.900min (-0.005) 0.21ng/ul m) JU 08/08/19

response 27501

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	0.40#
104.00	7.10	0.00#
0.00	0.00	0.00

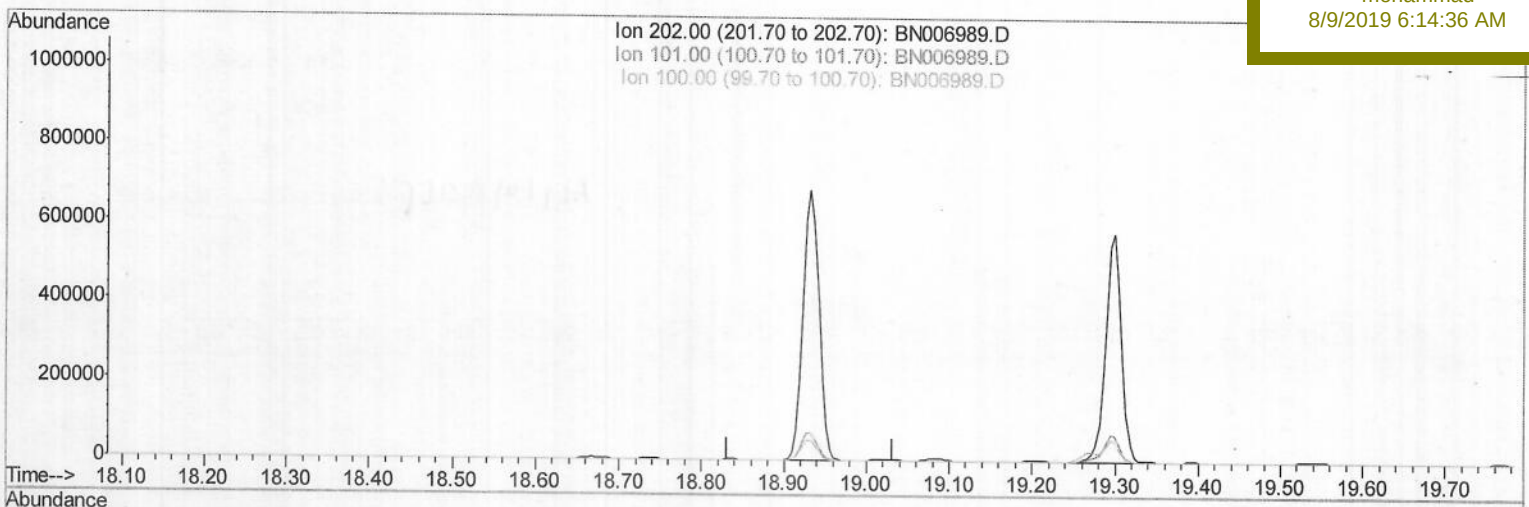
Quantitation Report (Qedit)

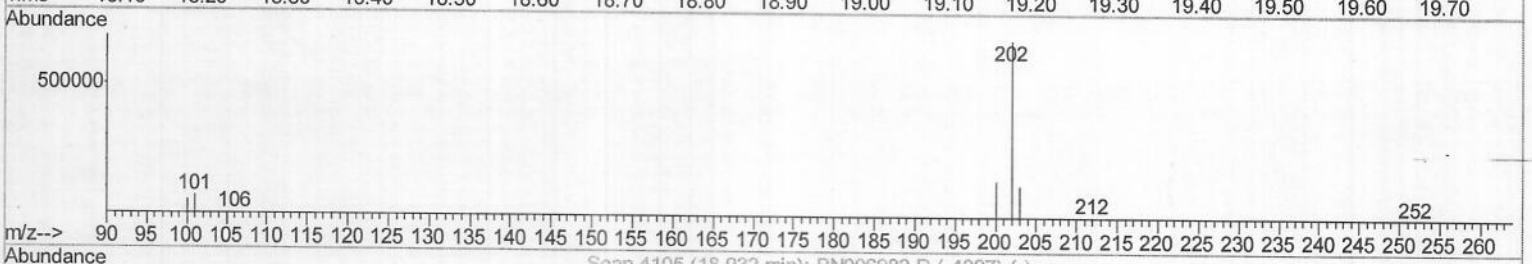
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

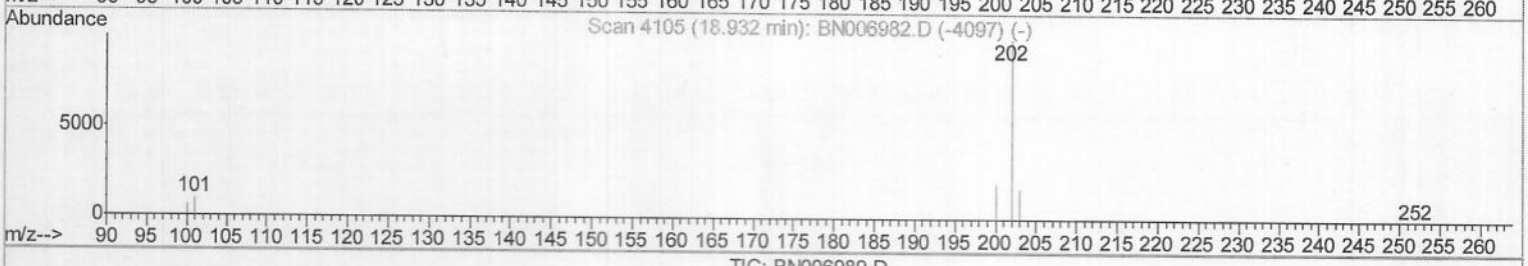
Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM







TIC: BN006989.D

(15) Fluoranthene (C)

18.932min (-18.932) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.00	0.00
100.00	7.70	0.00
0.00	0.00	0.00

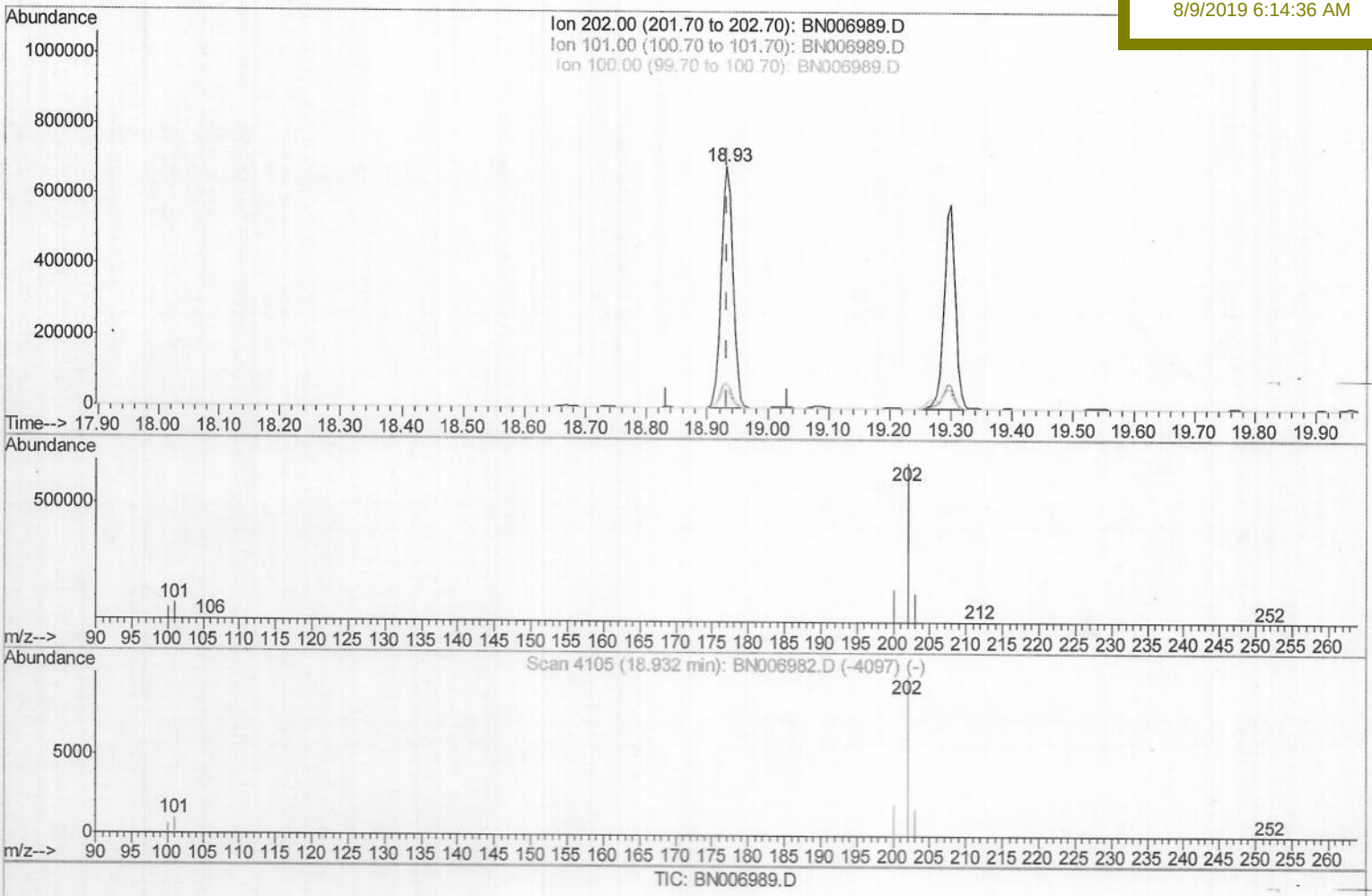
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(15) Fluoranthene (C)

18.932min (+0.000) 5.78ng/ul m) JV 08/08/19

response 925392

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	9.98
100.00	7.70	7.35
0.00	0.00	0.00

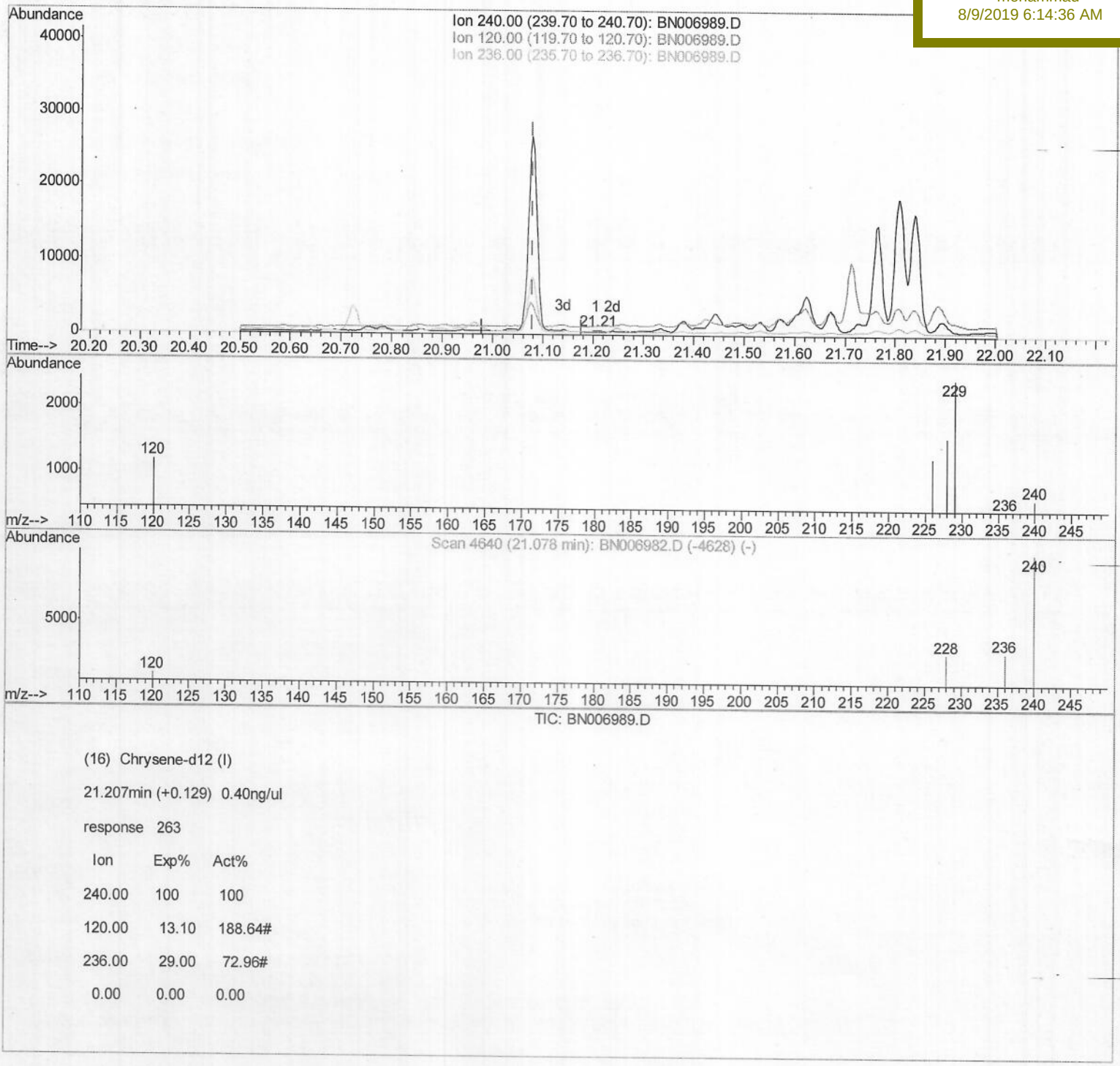
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(16) Chrysene-d12 (I)

21.207min (+0.129) 0.40ng/ul

response 263

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	188.64#
236.00	29.00	72.96#
0.00	0.00	0.00

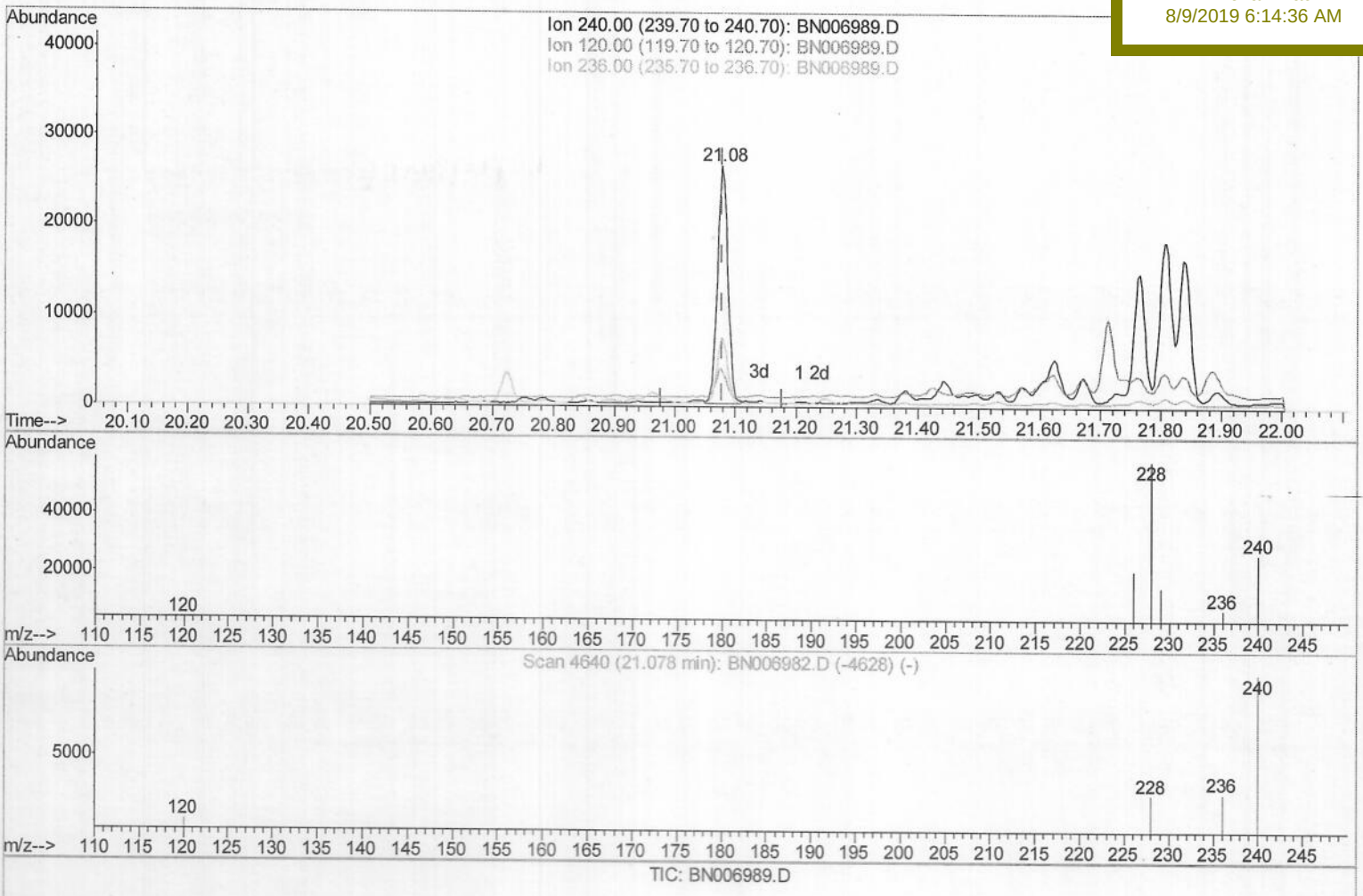
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(16) Chrysene-d12 (I)

21.078min (+0.000) 0.40ng/ul m JU 08108119

response 31561

Ion	Exp%	Act%
240.00	100	100
120.00	13.10	15.62
236.00	29.00	29.30
0.00	0.00	0.00

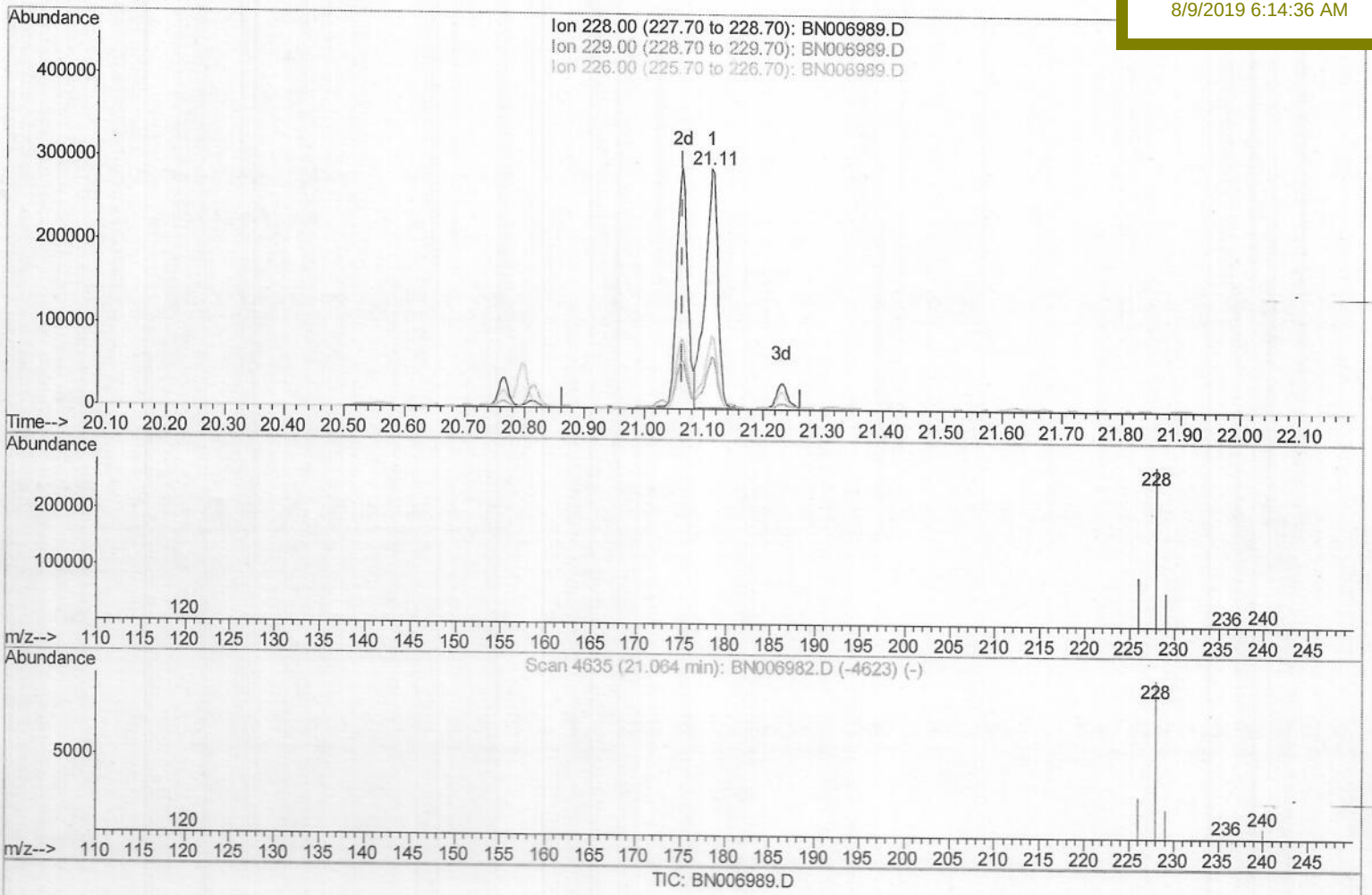
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:13:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(18) Benzo(a)anthracene

21.114min (+0.050) 3.13ng/ul

response 434467

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	21.61
226.00	27.80	31.00
0.00	0.00	0.00

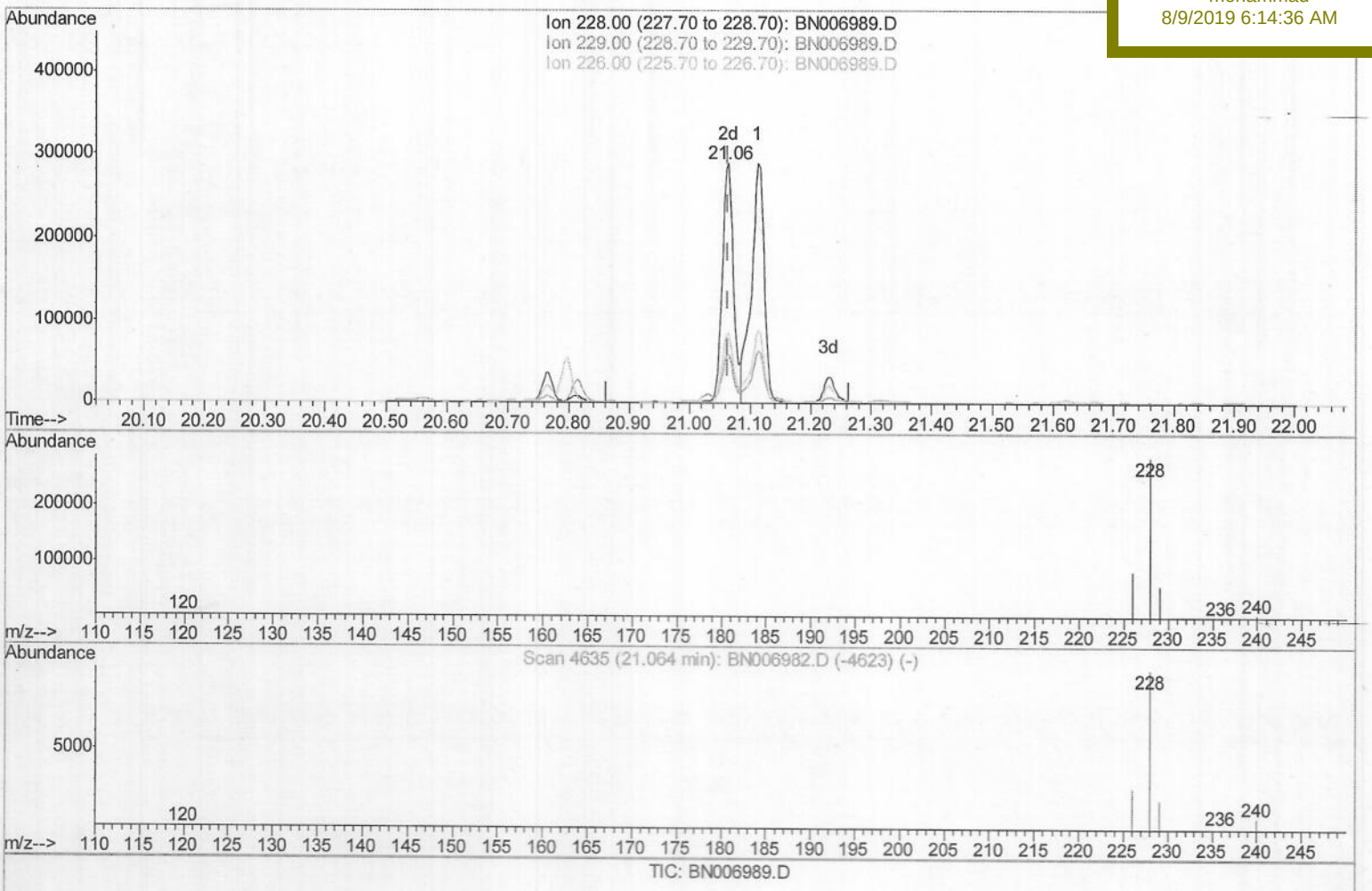
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:13:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(18) Benzo(a)anthracene

21.064min (0.000) 2.70ng/ul m JU 08/08/19

response 374071

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	20.32
226.00	27.80	29.36
0.00	0.00	0.00

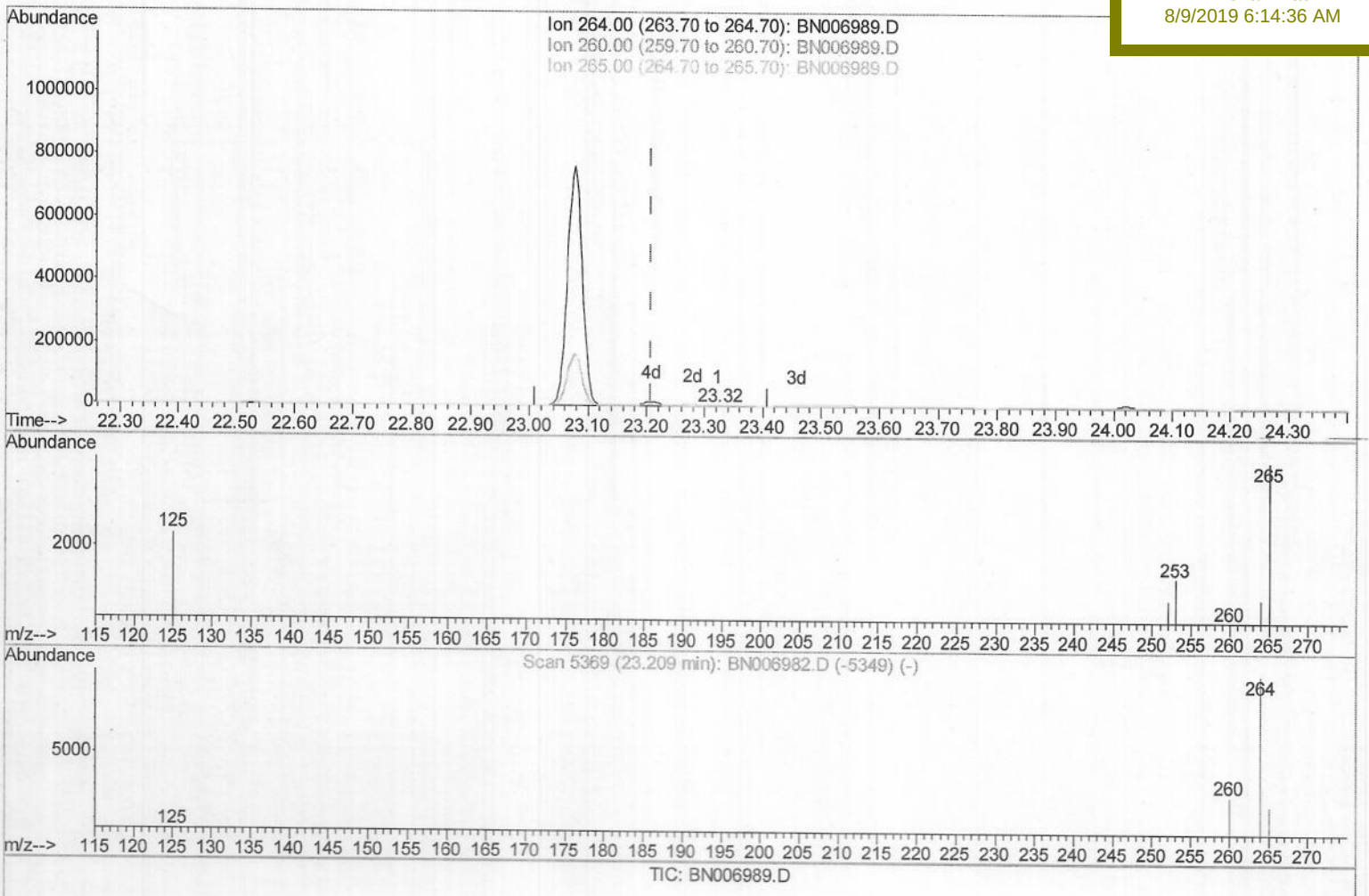
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:13:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



(20) Perylene-d12 (I)

23.323min (+0.114) 0.40ng/ul

response 1502

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	45.42#
265.00	27.80	424.27#
0.00	0.00	0.00

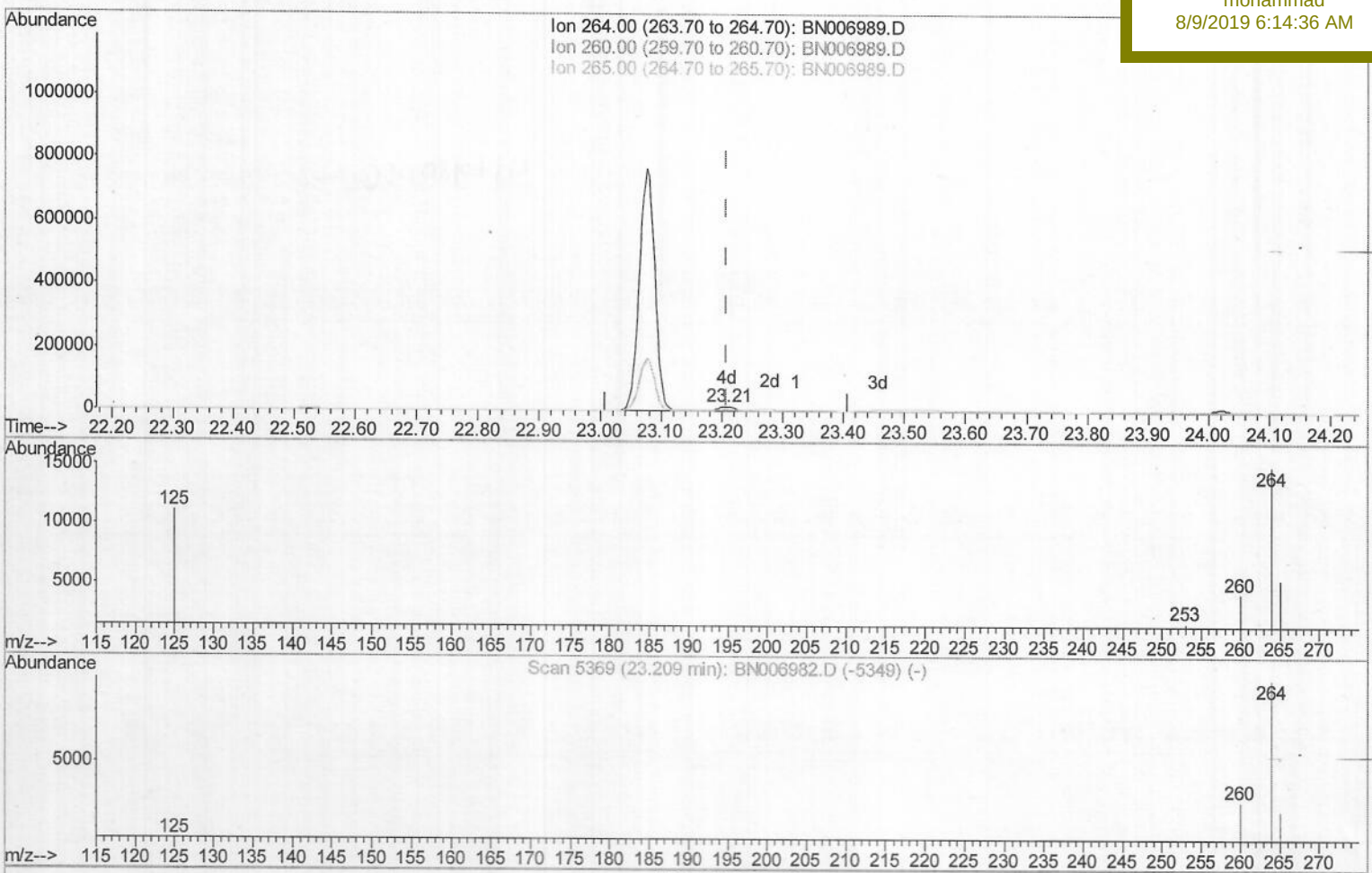
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:13:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(20) Perylene-d12 (I)

23.209min (+0.000) 0.40ng/ul m JU
08/08/19

response 25140

Ion	Exp%	Act%
264.00	100	100
260.00	26.40	28.02
265.00	27.80	36.44#
0.00	0.00	0.00

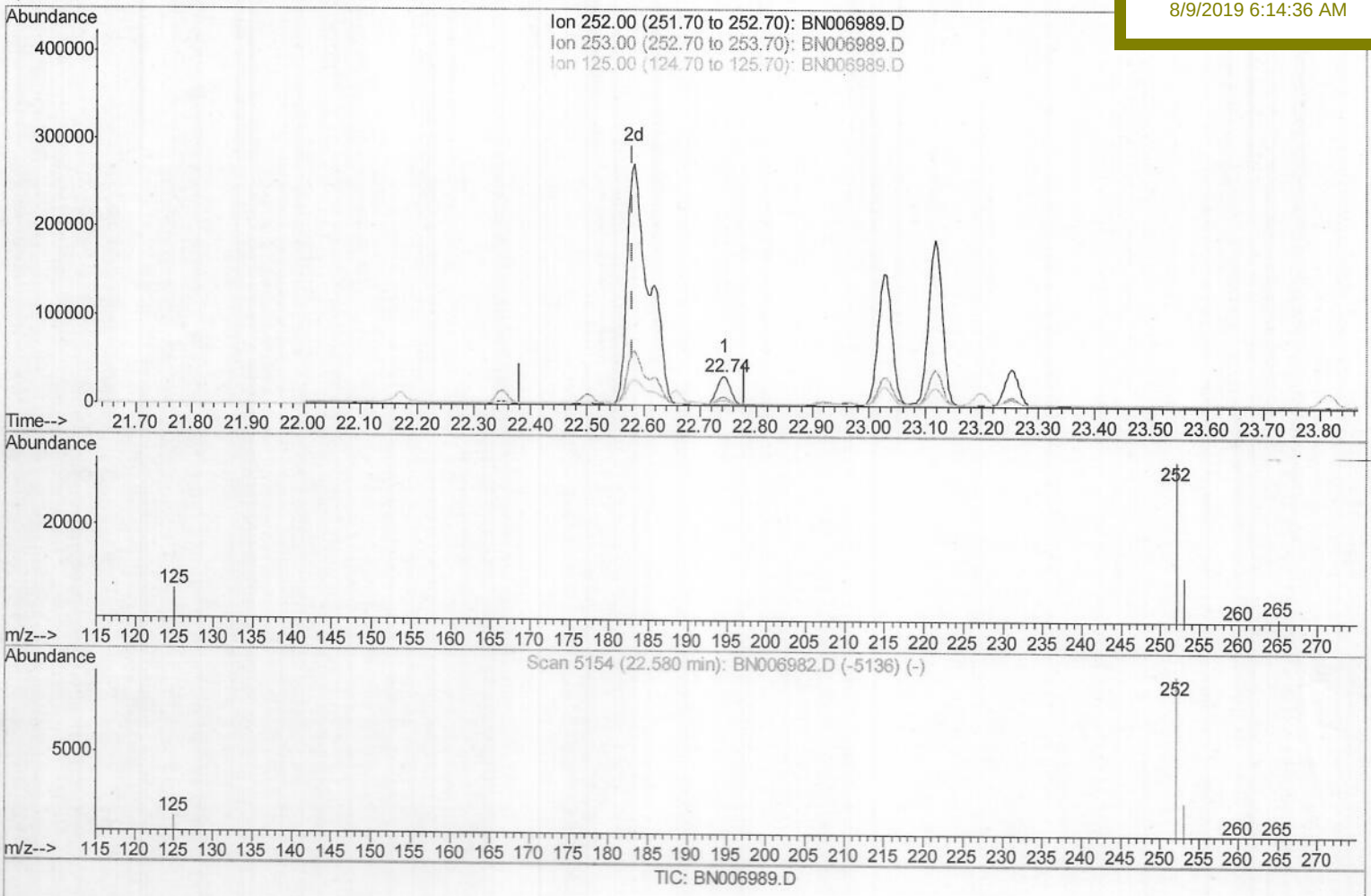
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(21) Benzo(b)fluoranthene

22.744min (+0.164) 0.56ng/ul

response 57509

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	29.01
125.00	11.10	19.18
0.00	0.00	0.00

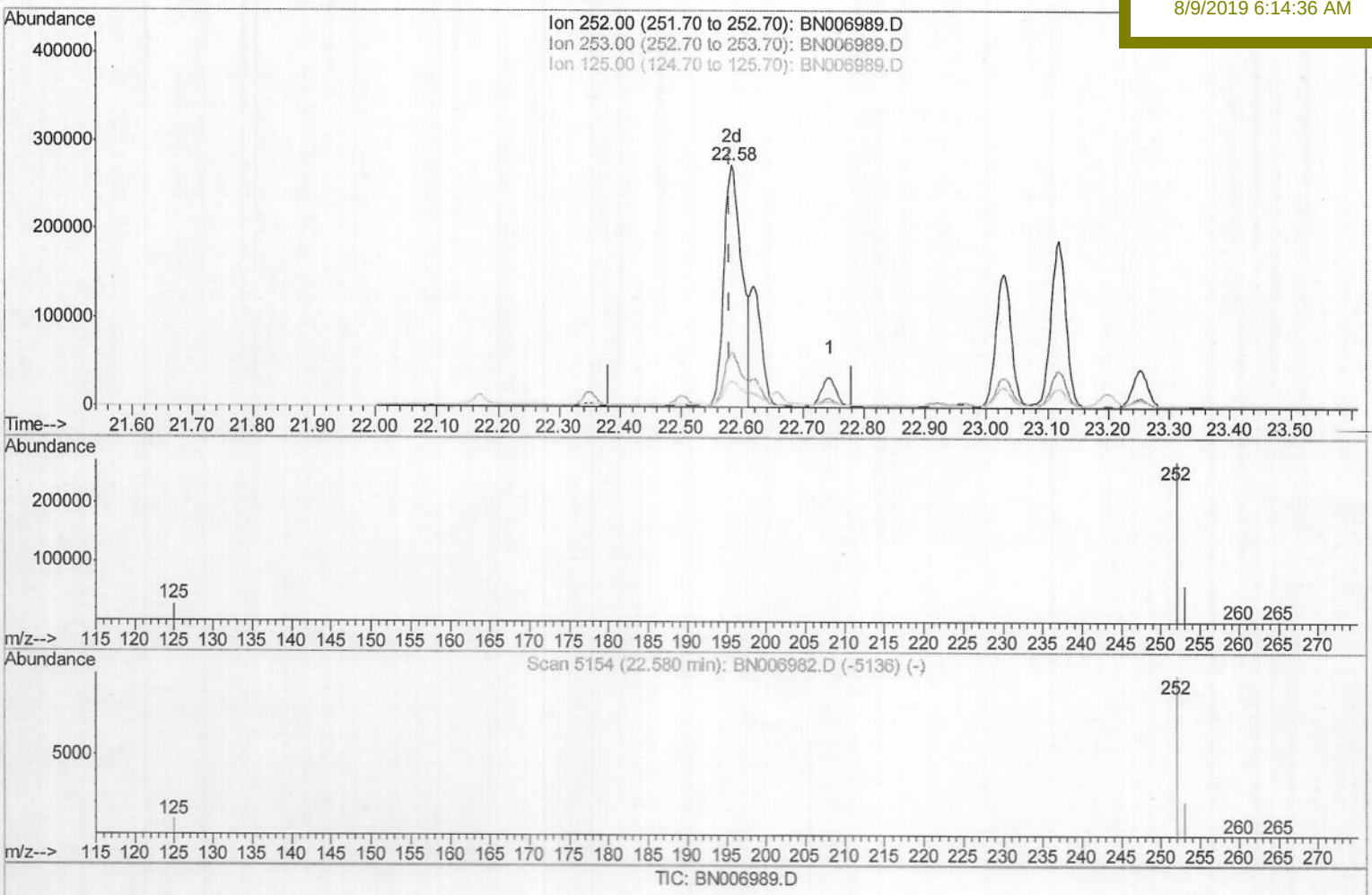
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(21) Benzo(b)fluoranthene

22.583min (+0.003) 5.43ng/ul m JU 08/08/19

response 553132

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.64
125.00	11.10	10.74
0.00	0.00	0.00

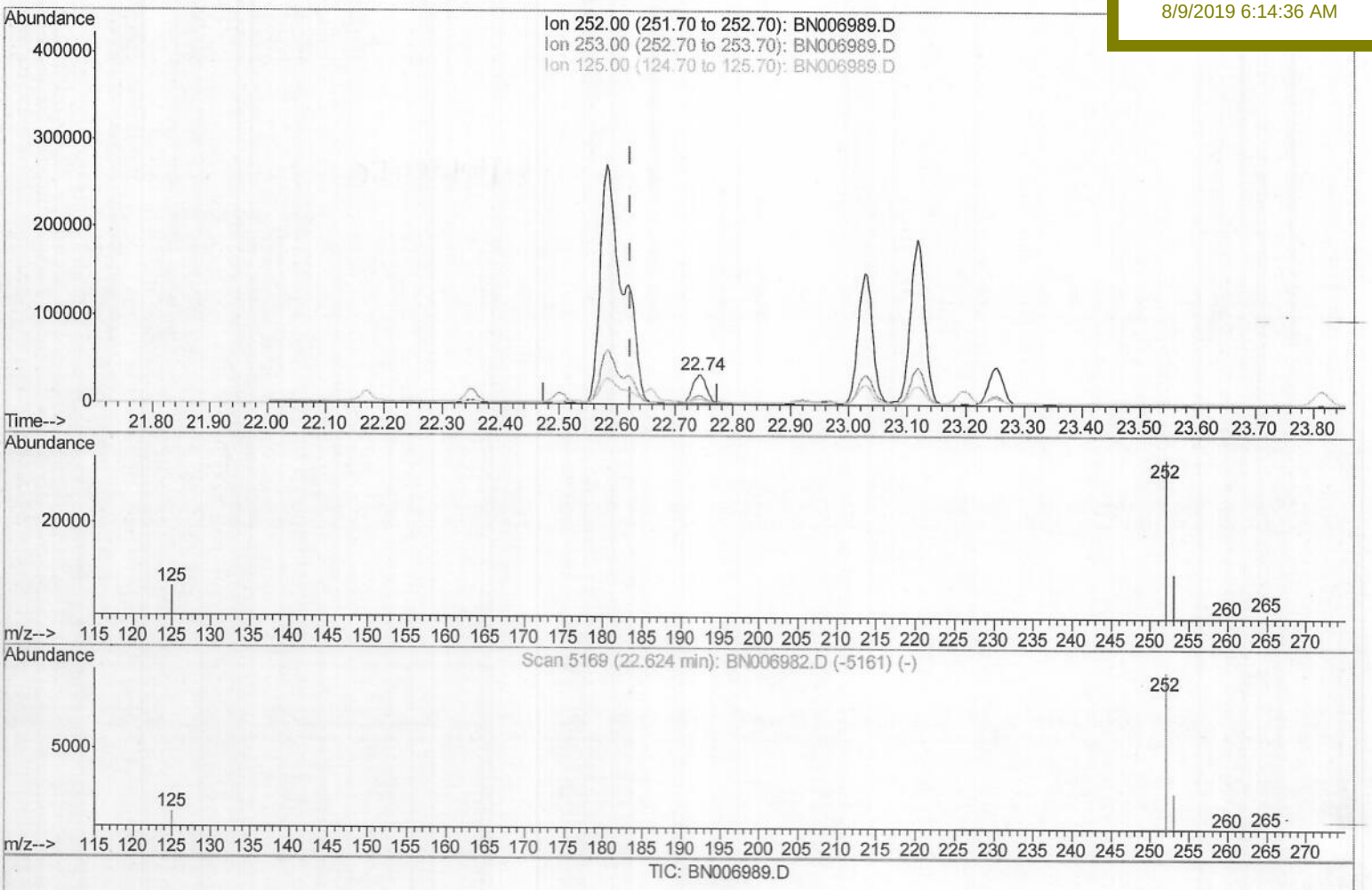
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



(22) Benzo(k)fluoranthene

22.744min (+0.120) 0.58ng/ul

response 57355

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	29.01#
125.00	10.90	19.18#
0.00	0.00	0.00

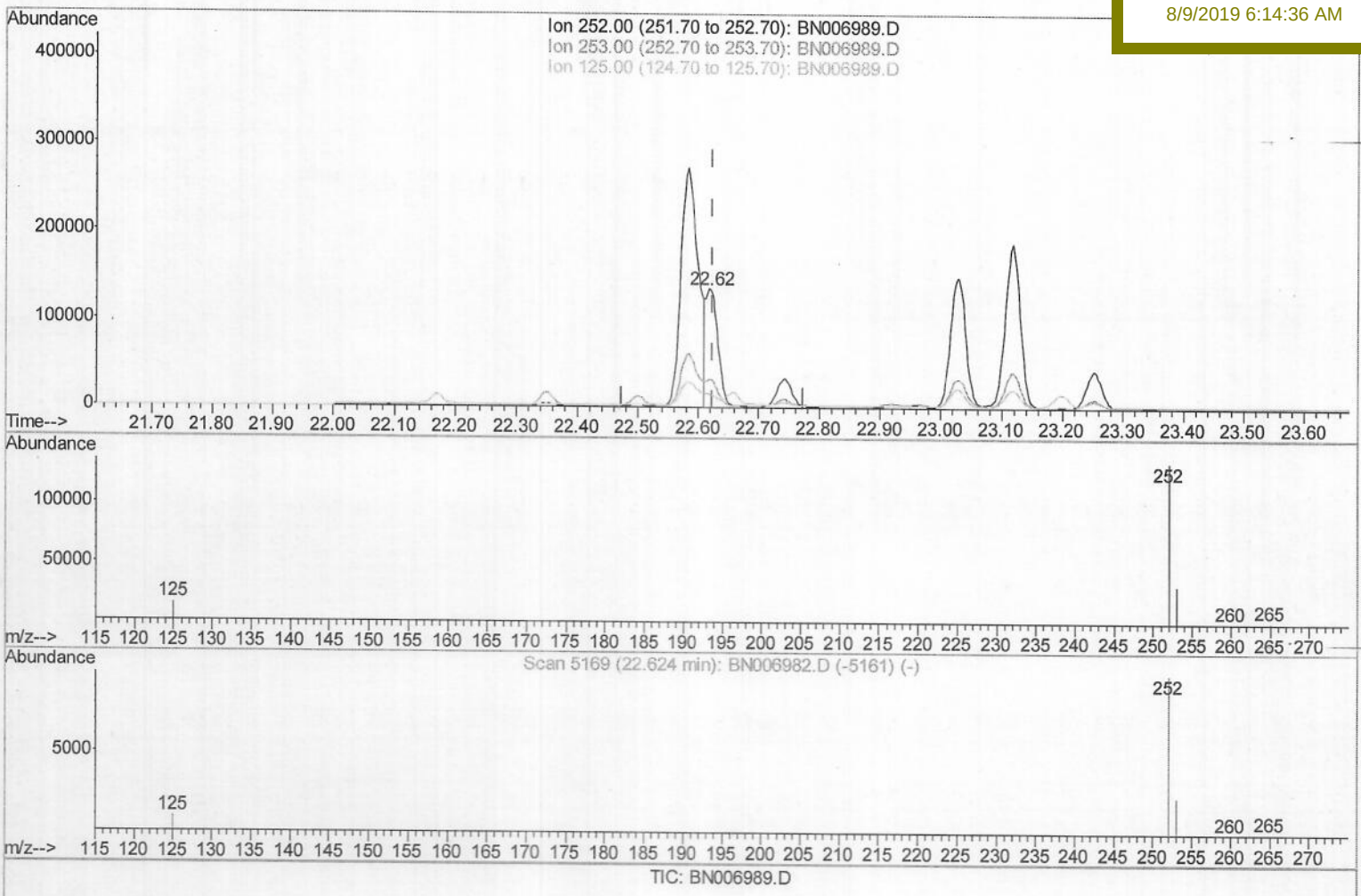
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(22) Benzo(k)fluoranthene

22.618min (-0.006) 1.92ng/ul m JJV 08/08/19

response 189722

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	23.48
125.00	10.90	11.42
0.00	0.00	0.00

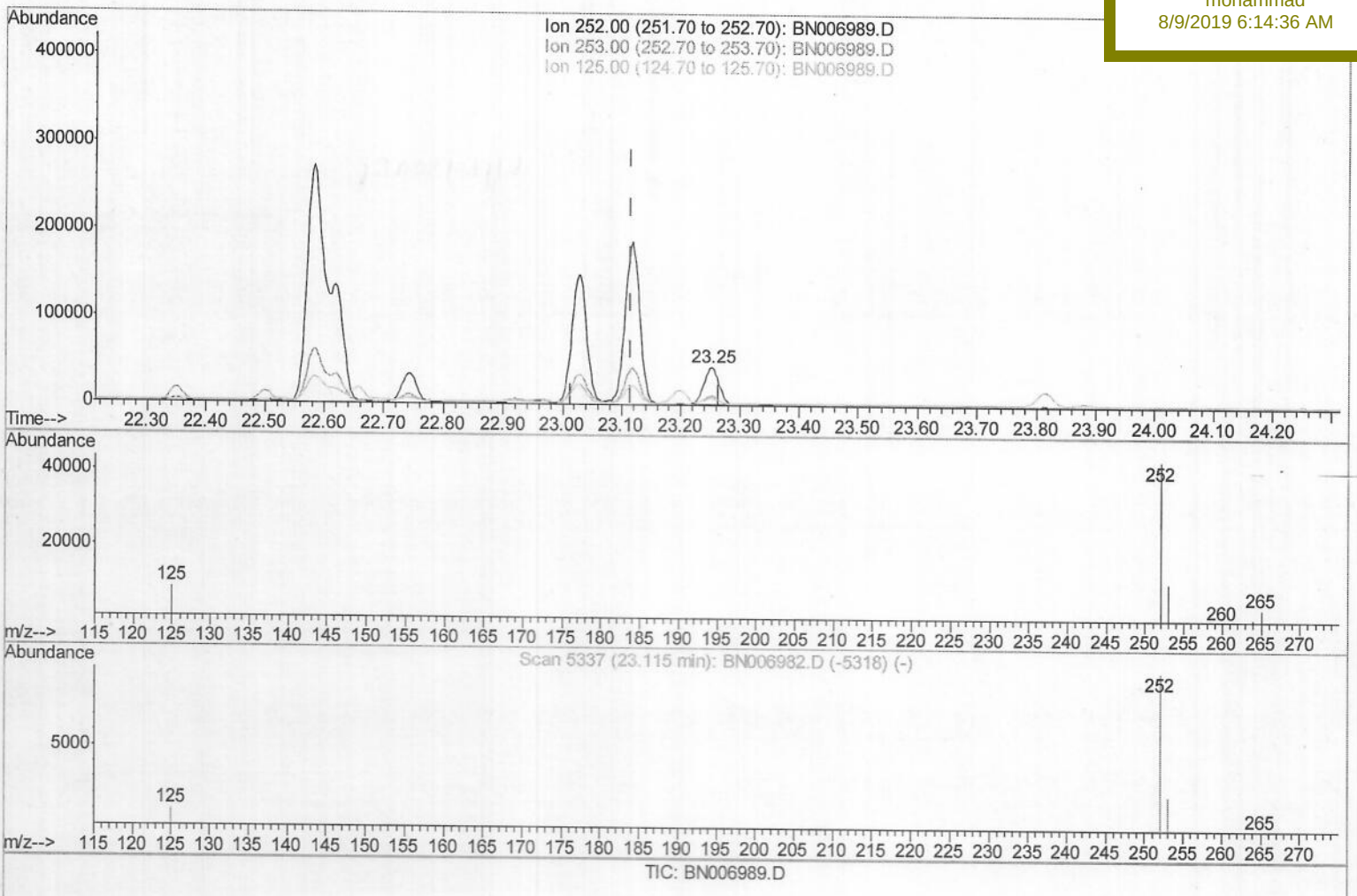
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(23) Benzo(a)pyrene (C)

23.253min (+0.137) 0.79ng/ul

response 75867

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.37
125.00	12.50	19.40#
0.00	0.00	0.00

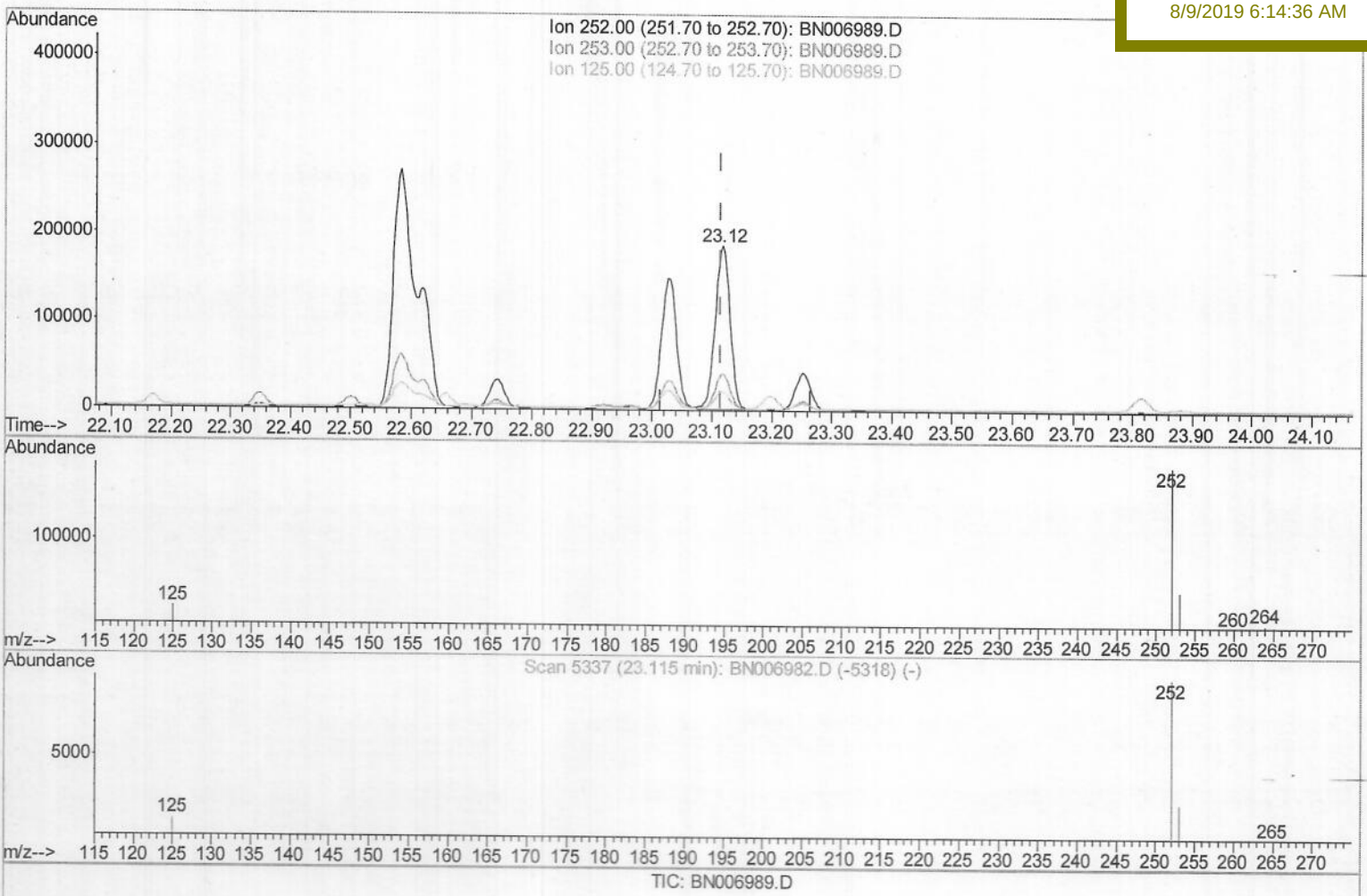
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



(23) Benzo(a)pyrene (C)

23.118min (+0.003) 3.34ng/ul m JU 08/08/19

response 320311

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.35
125.00	12.50	11.39
0.00	0.00	0.00

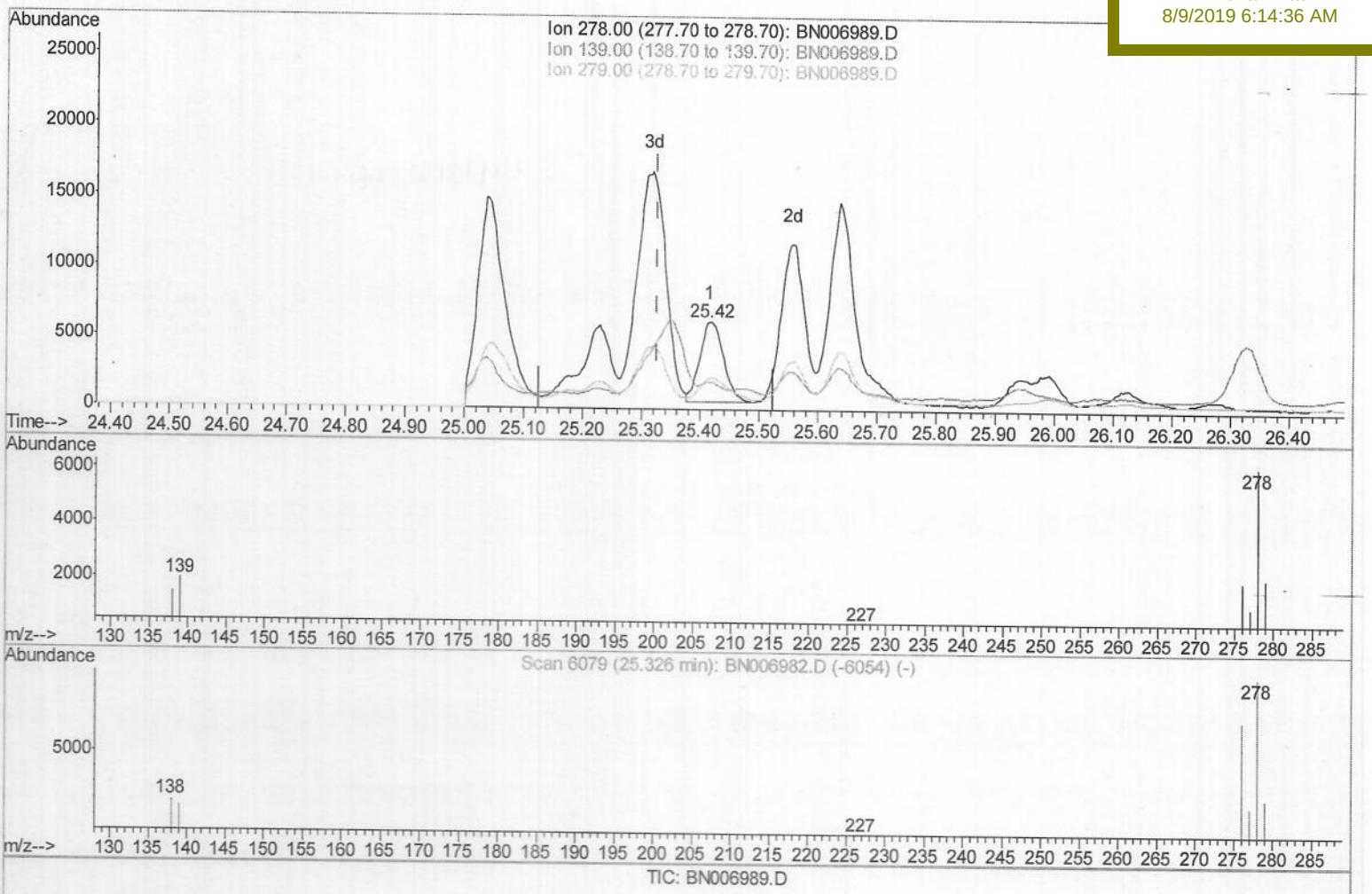
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(25) Dibenzo(a,h)anthracene

25.417min (+0.091) 0.19ng/ul

response 15852

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	31.07#
279.00	24.50	34.19#
0.00	0.00	0.00

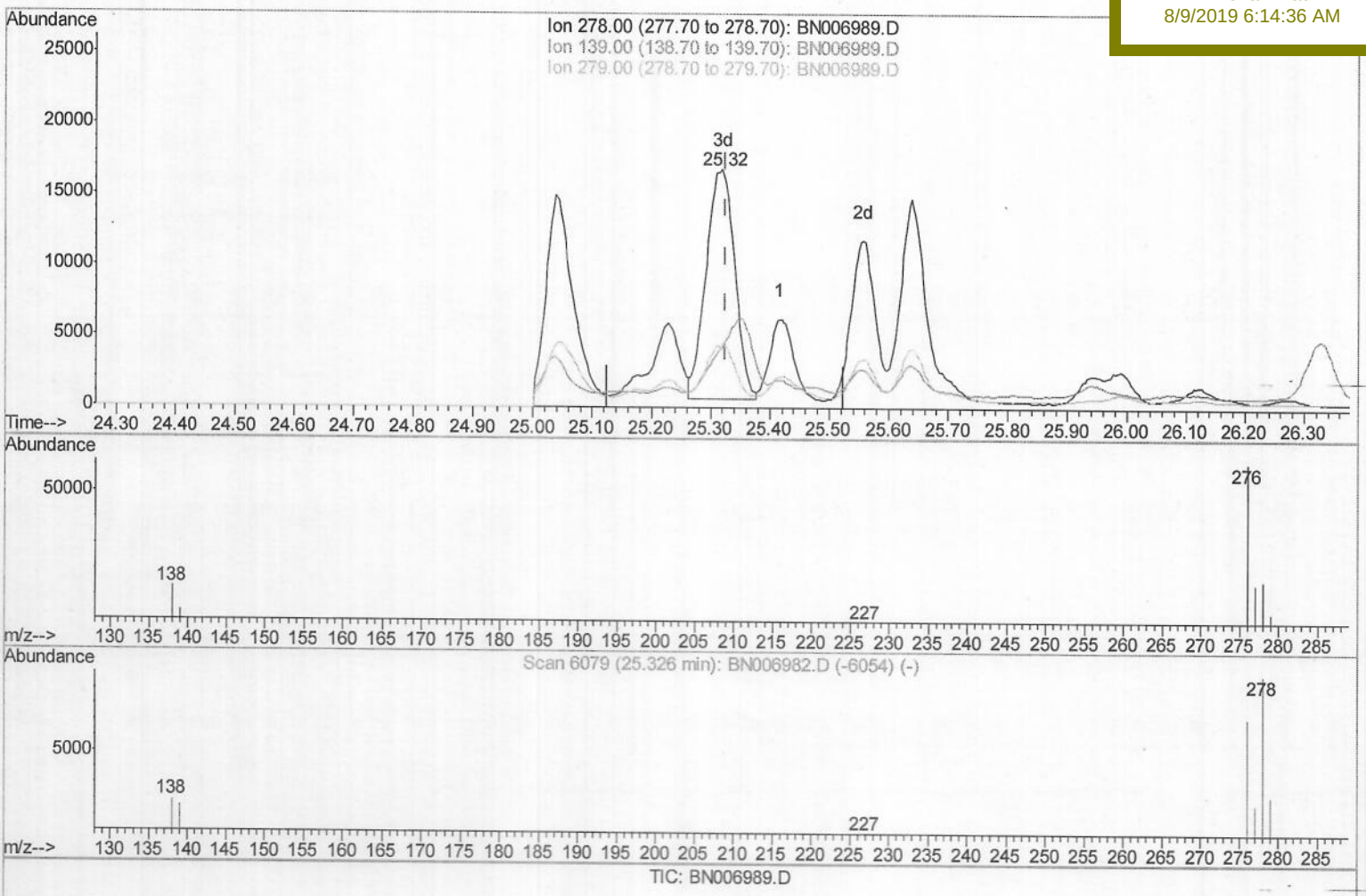
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM



TIC: BN006989.D

(25) Dibenzo(a,h)anthracene

25.319min (-0.007) 0.66ng/ul m) JU 08/08/19

response 54735

Ion	Exp%	Act%
278.00	100	100
139.00	17.90	24.63#
279.00	24.50	26.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006989.D
Acq On : 07 Aug 2019 16:10
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 18:16:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEP00

Manual Integrations APPROVED
mohammad
8/9/2019 6:14:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6422	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	26034	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	15916	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	40383m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	31561m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	25140m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	9066	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	27501m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	5390	0.072	ng/ul#	95
5) 2-Methylnaphthalene	11.91	142	2676	0.048	ng/ul	99
7) Acenaphthylene	13.83	152	12867	0.140	ng/ul	98
8) Acenaphthene	14.18	153	9118	0.144	ng/ul	99
9) Fluorene	15.17	166	11271	0.147	ng/ul	99
12) Phenanthrene	16.90	178	300470m	2.335	ng/ul	
13) Anthracene	16.99	178	47586m	0.361	ng/ul	
15) Fluoranthene	18.93	202	925392m	5.785	ng/ul	
17) Pyrene	19.30	202	773335	5.488	ng/ul	99
18) Benzo(a)anthracene	21.06	228	374071m	2.698	ng/ul	
19) Chrysene	21.11	228	434340	3.345	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	553132m	5.427	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	189722m	1.920	ng/ul	
23) Benzo(a)pyrene	23.12	252	320311m	3.338	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.30	276	232940	2.252	ng/ul	94
25) Dibenzo(a,h)anthracene	25.32	278	54735m	0.663	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	203026	2.340	ng/ul	98

JU 08/08/19

JU 08/08/19

JU 08/08/19

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