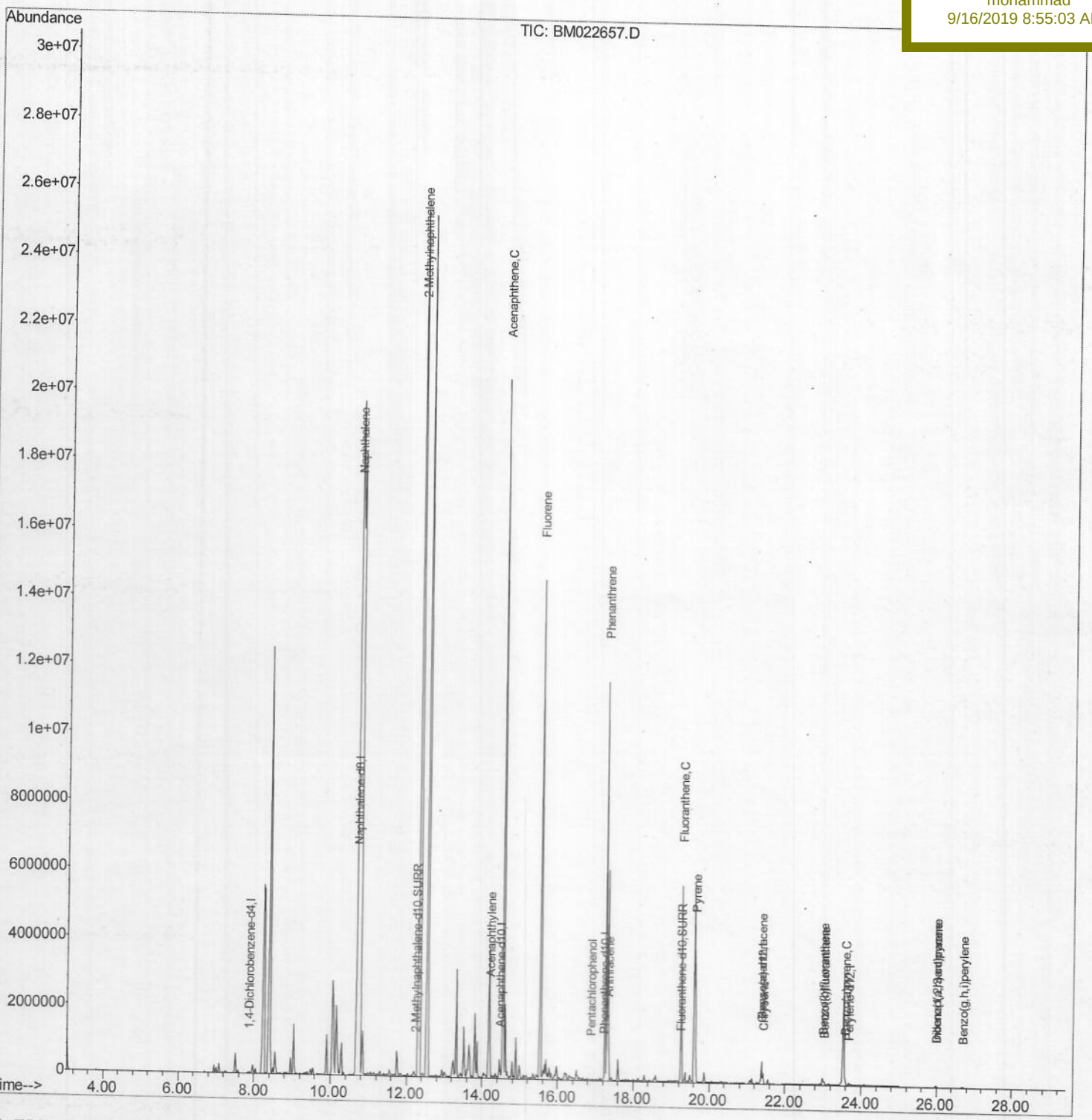
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:38:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



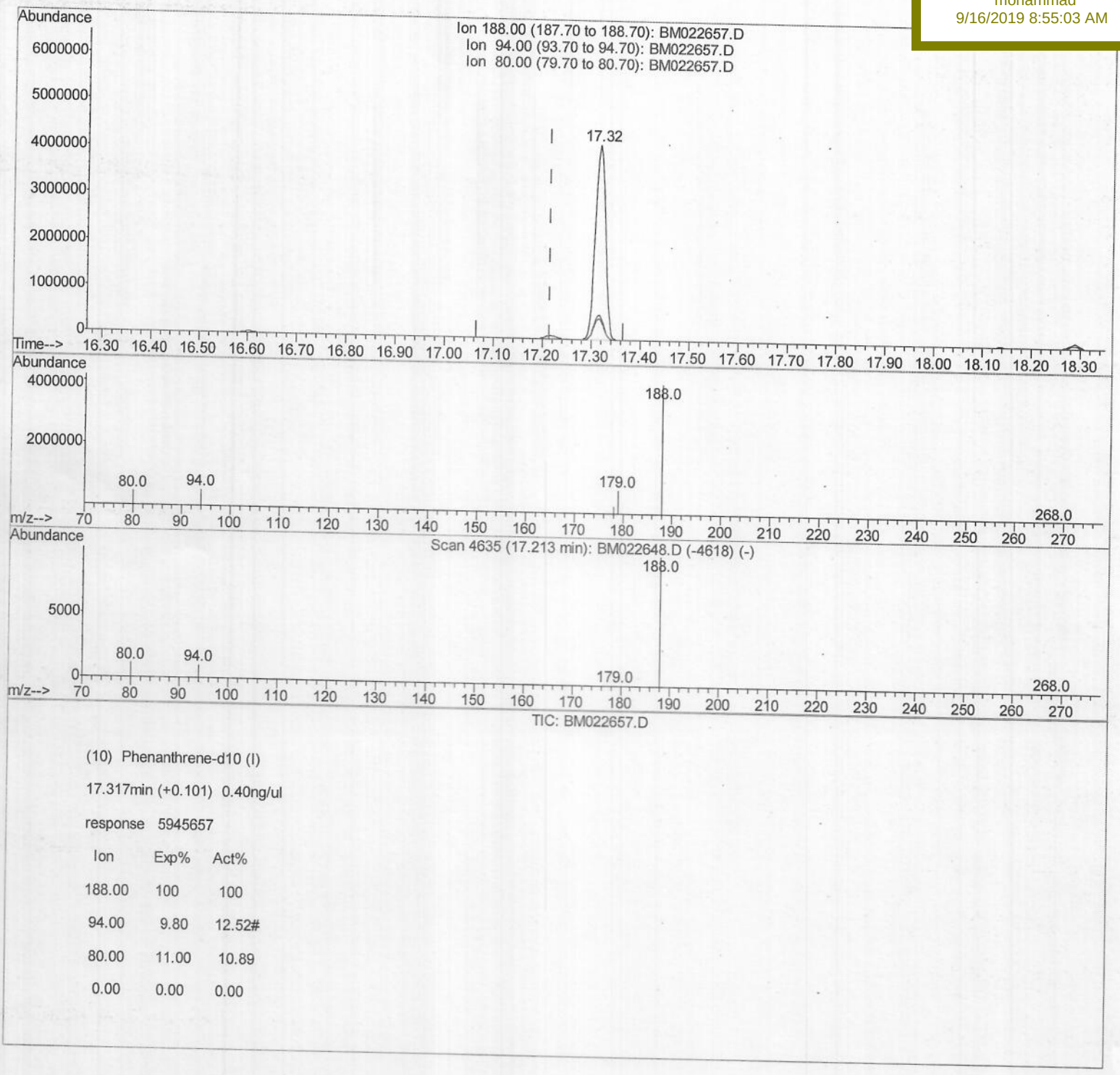
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:03:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(10) Phenanthrene-d10 (I)

17.317min (+0.101) 0.40ng/ul

response 5945657

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	12.52#
80.00	11.00	10.89
0.00	0.00	0.00

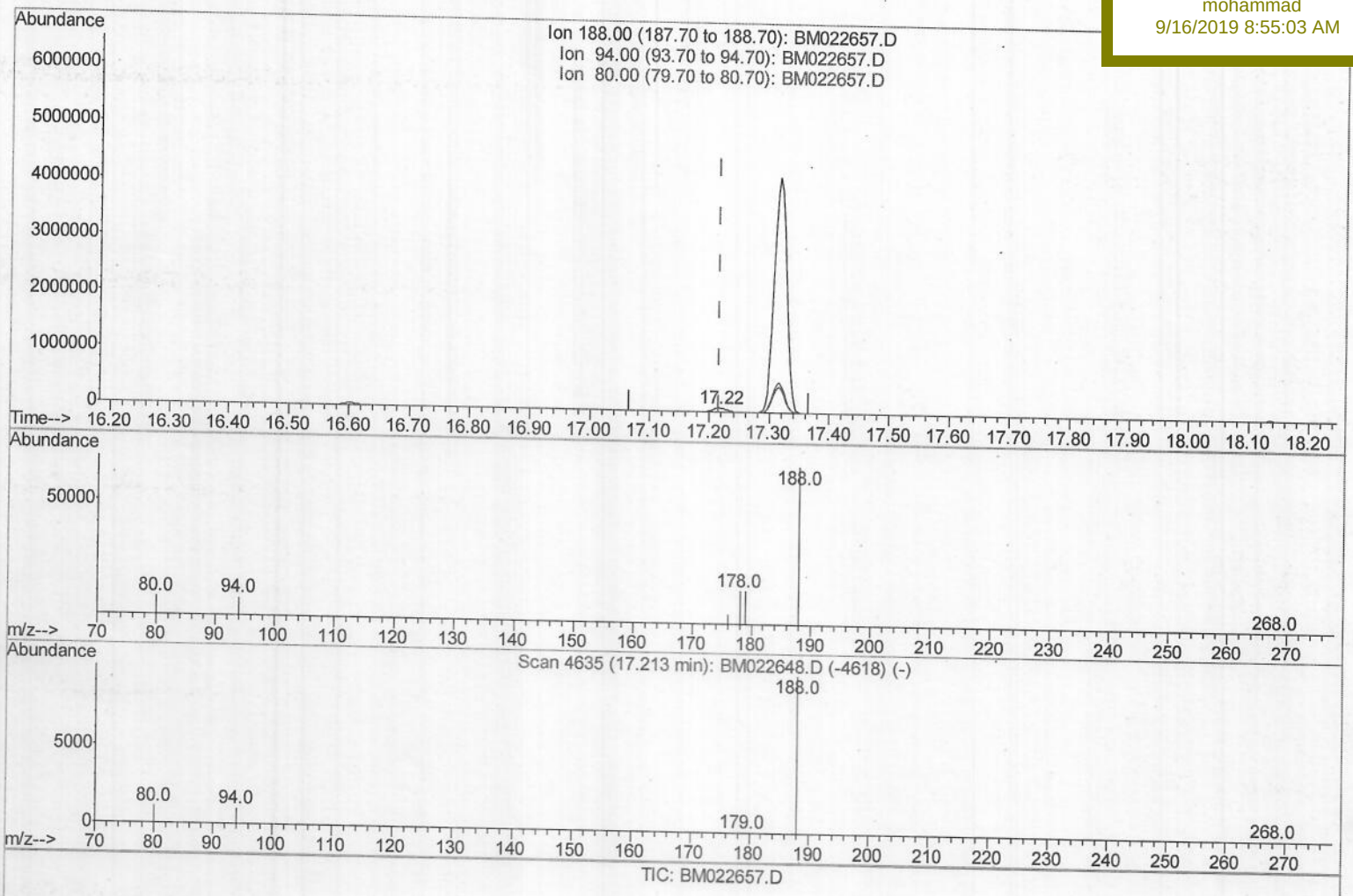
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:03:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(10) Phenanthrene-d10 (I)

17.216min (-0.000) 0.40ng/ul m JV 09/24/19

response 98286

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	11.24
80.00	11.00	11.59
0.00	0.00	0.00

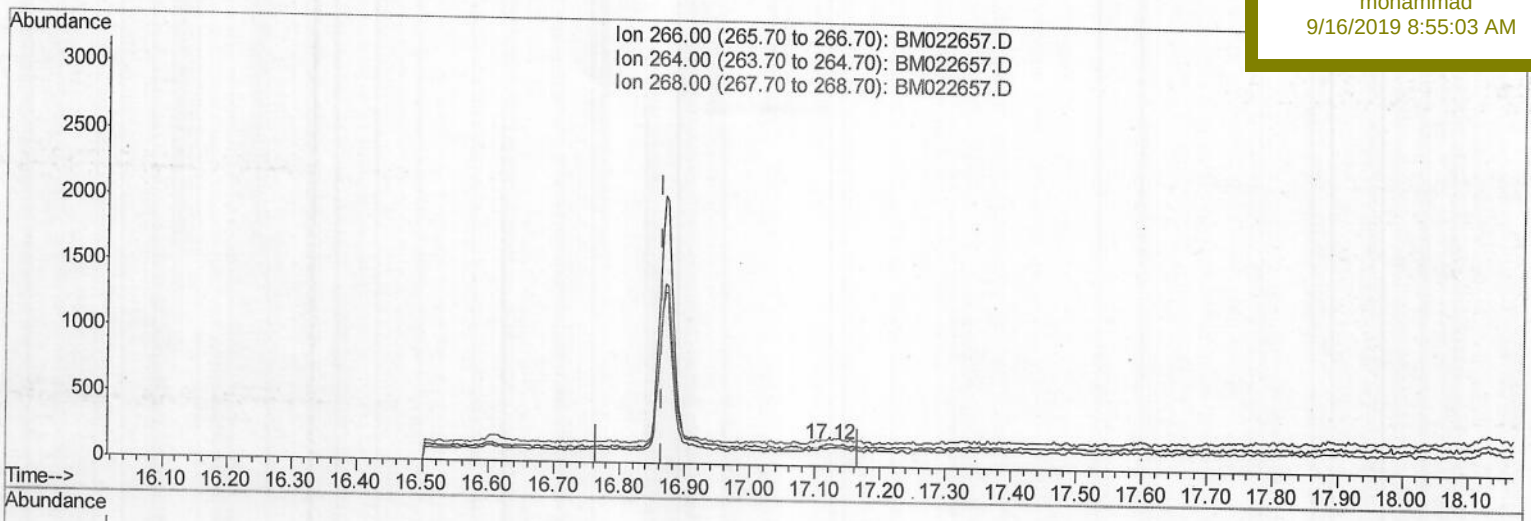
Quantitation Report (Qedit)

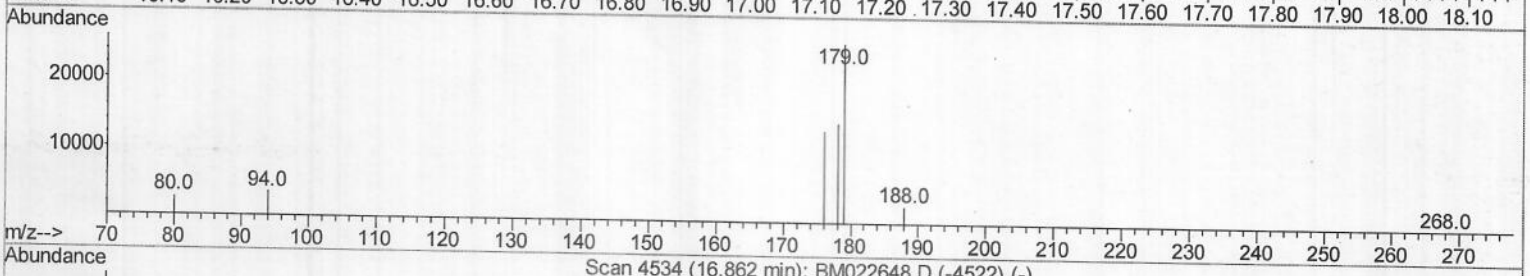
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

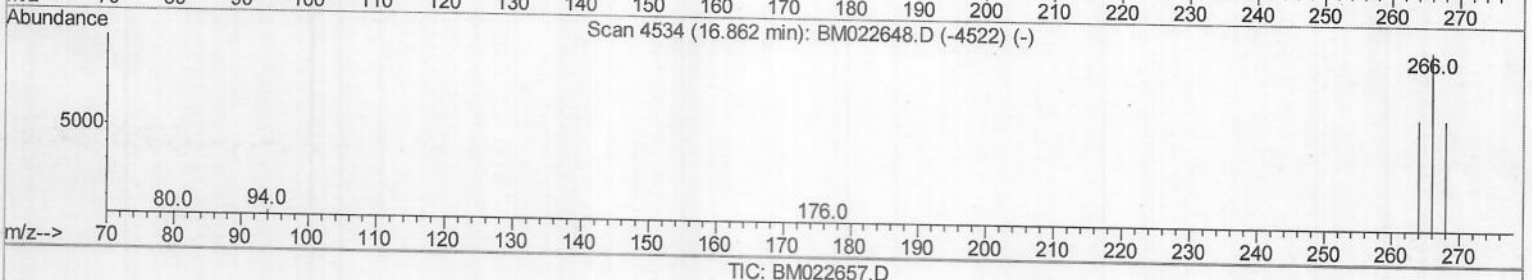
Quant Time: Sep 12 01:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM







TIC: BM022657.D

(11) Pentachlorophenol

17.119min (+0.253) 0.00ng/ul

response 75

Ion	Exp%	Act%
266.00	100	100
264.00	63.00	90.67#
268.00	64.10	148.00#
0.00	0.00	0.00

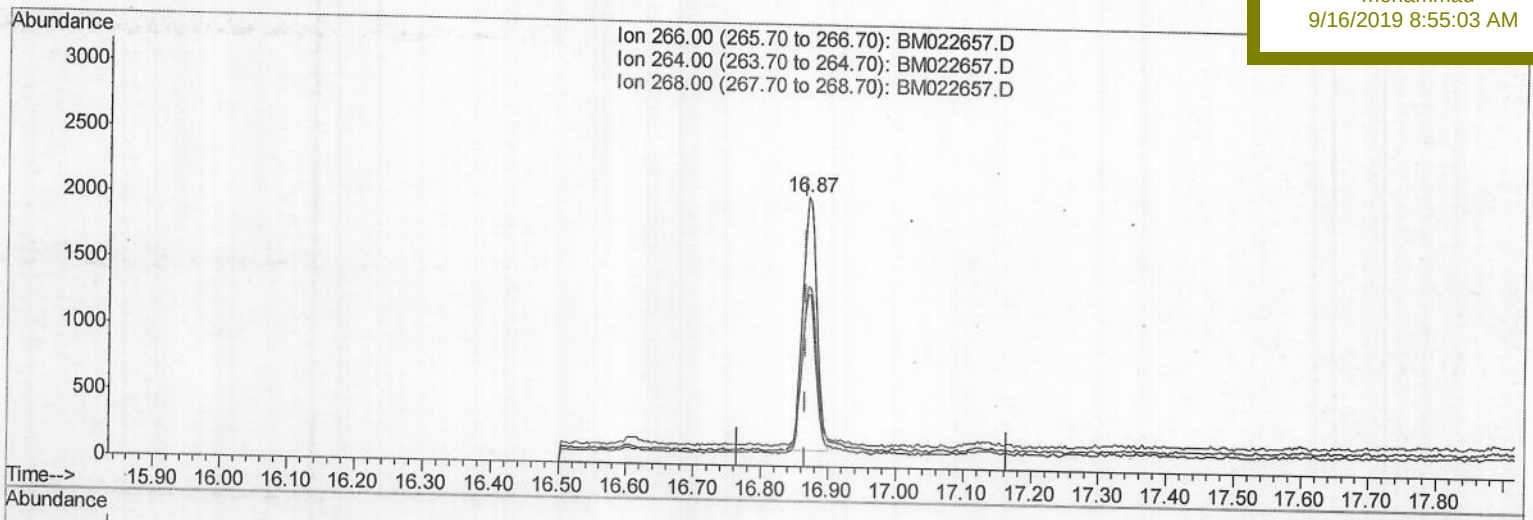
Quantitation Report (Qedit)

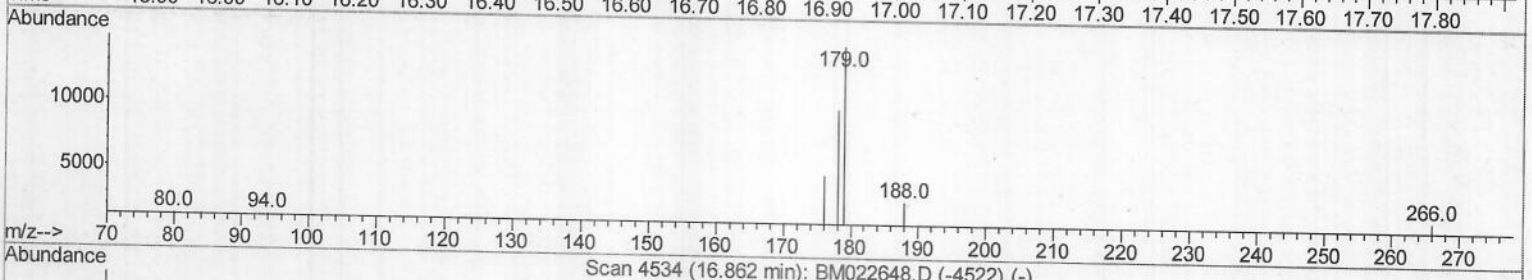
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

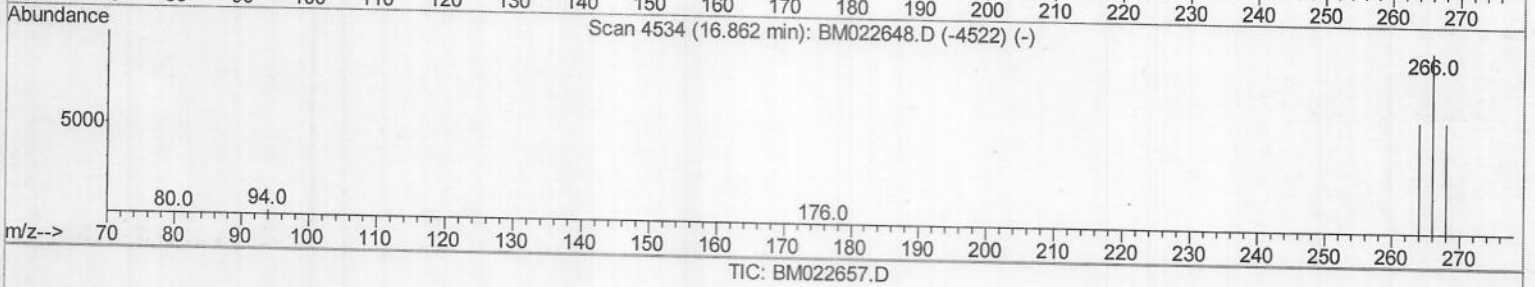
Quant Time: Sep 12 01:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM







TIC: BM022657.D

(11) Pentachlorophenol

16.869min (+0.003) 0.14ng/ul m > JU 09/24/19

response 2726

Ion	Exp%	Act%
266.00	100	100
264.00	63.00	2.49#
268.00	64.10	4.07#
0.00	0.00	0.00

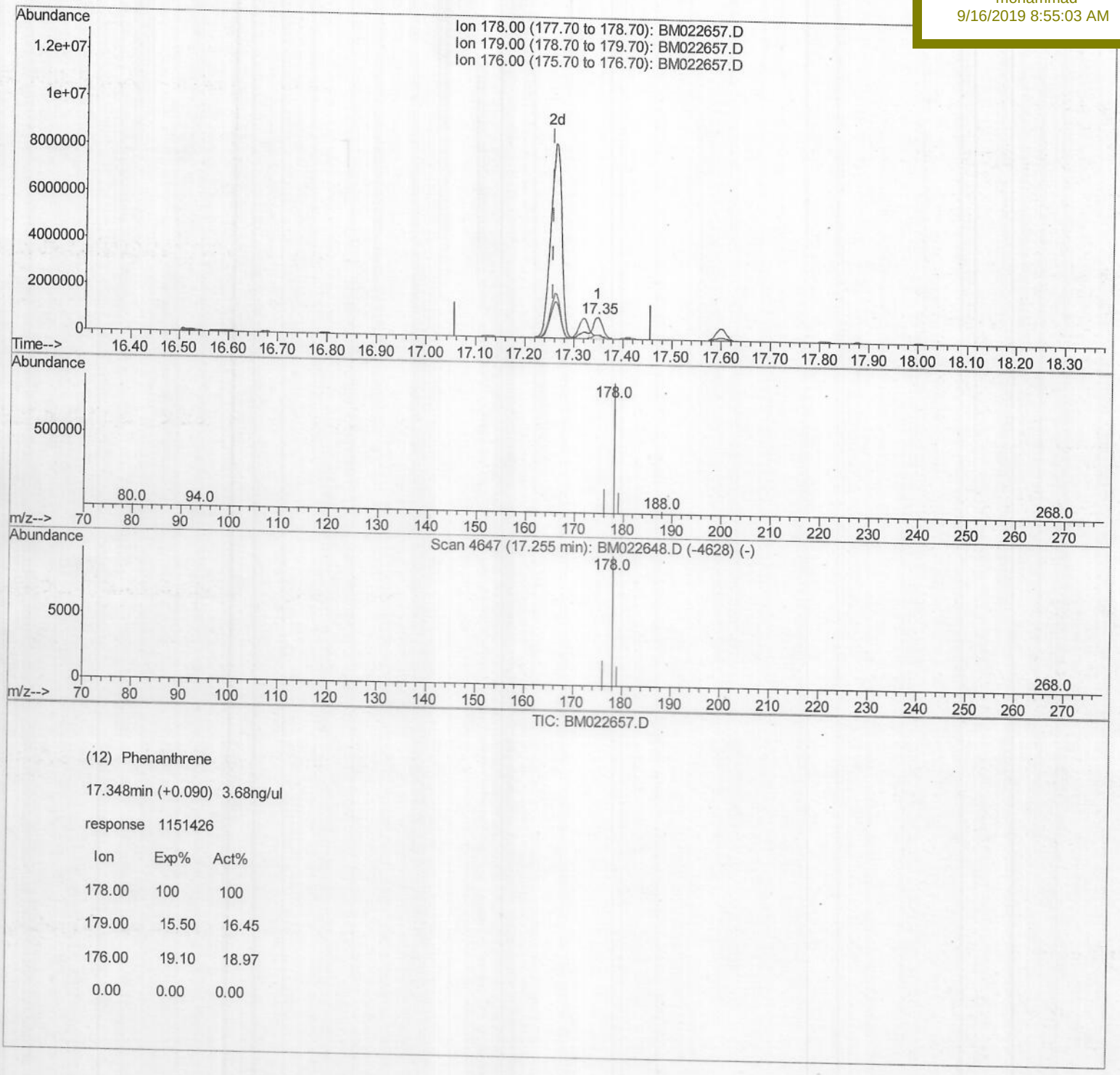
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(12) Phenanthrene

17.348min (+0.090) 3.68ng/ul

response 1151426

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.45
176.00	19.10	18.97
0.00	0.00	0.00

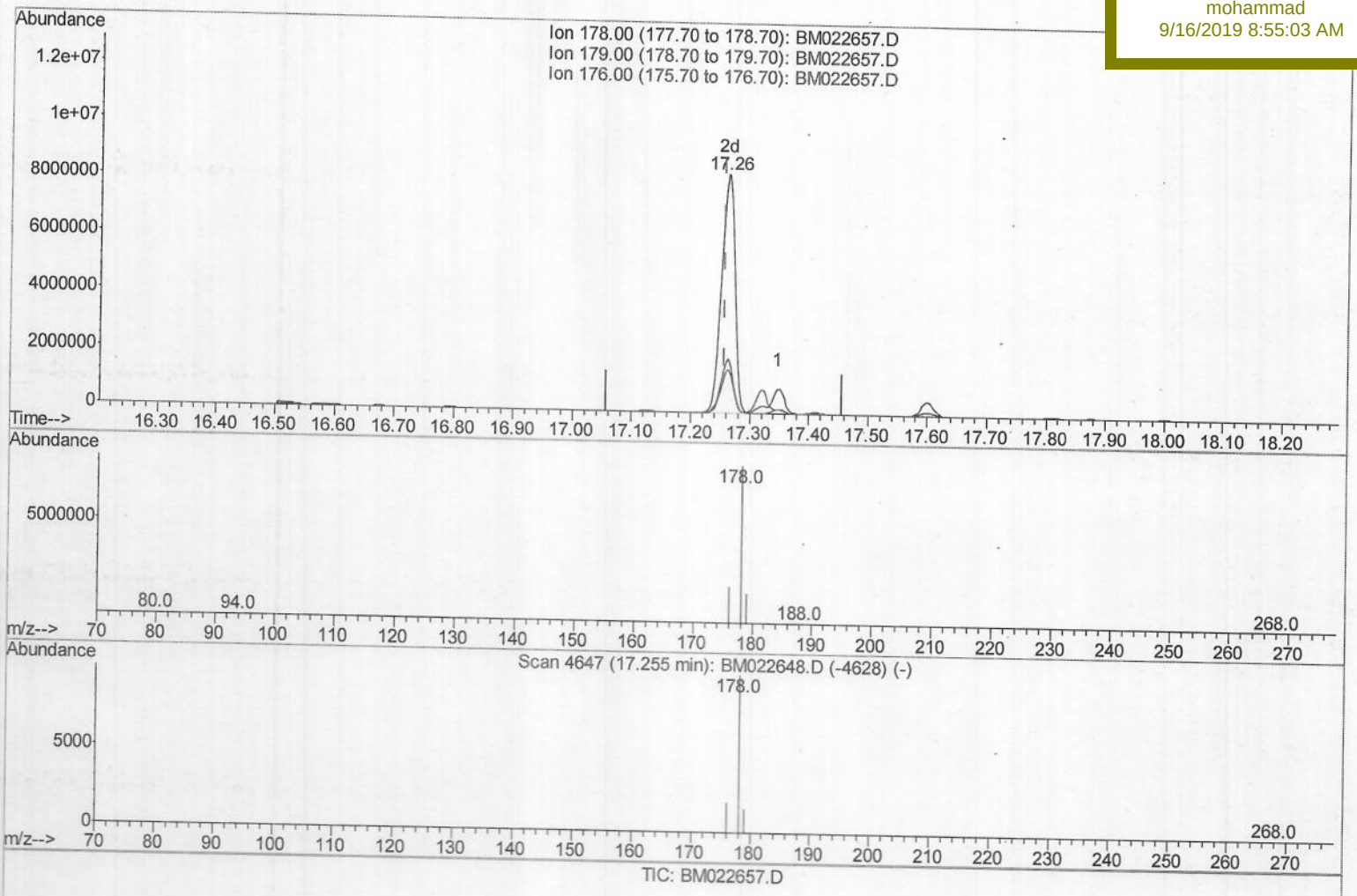
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



TIC: BM022657.D

(12) Phenanthrene

17.261min (+0.003) 42.08ng/ul m > JU 09/24/19

response 13177826

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	18.36
176.00	19.10	22.56
0.00	0.00	0.00

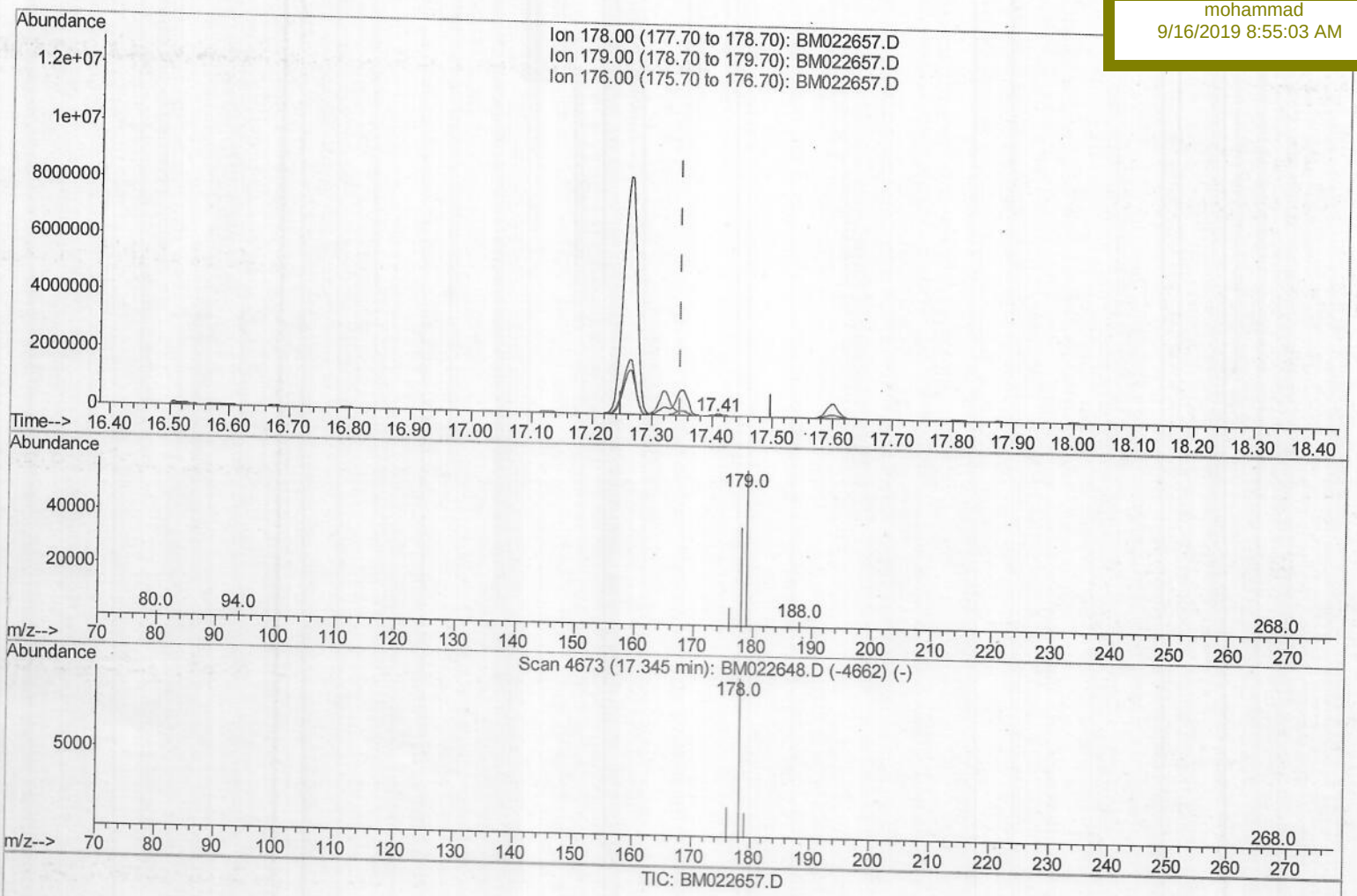
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



TIC: BM022657.D

(13) Anthracene

17.407min (+0.059) 0.18ng/ul

response 47138

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	157.78#
176.00	18.50	18.40
0.00	0.00	0.00

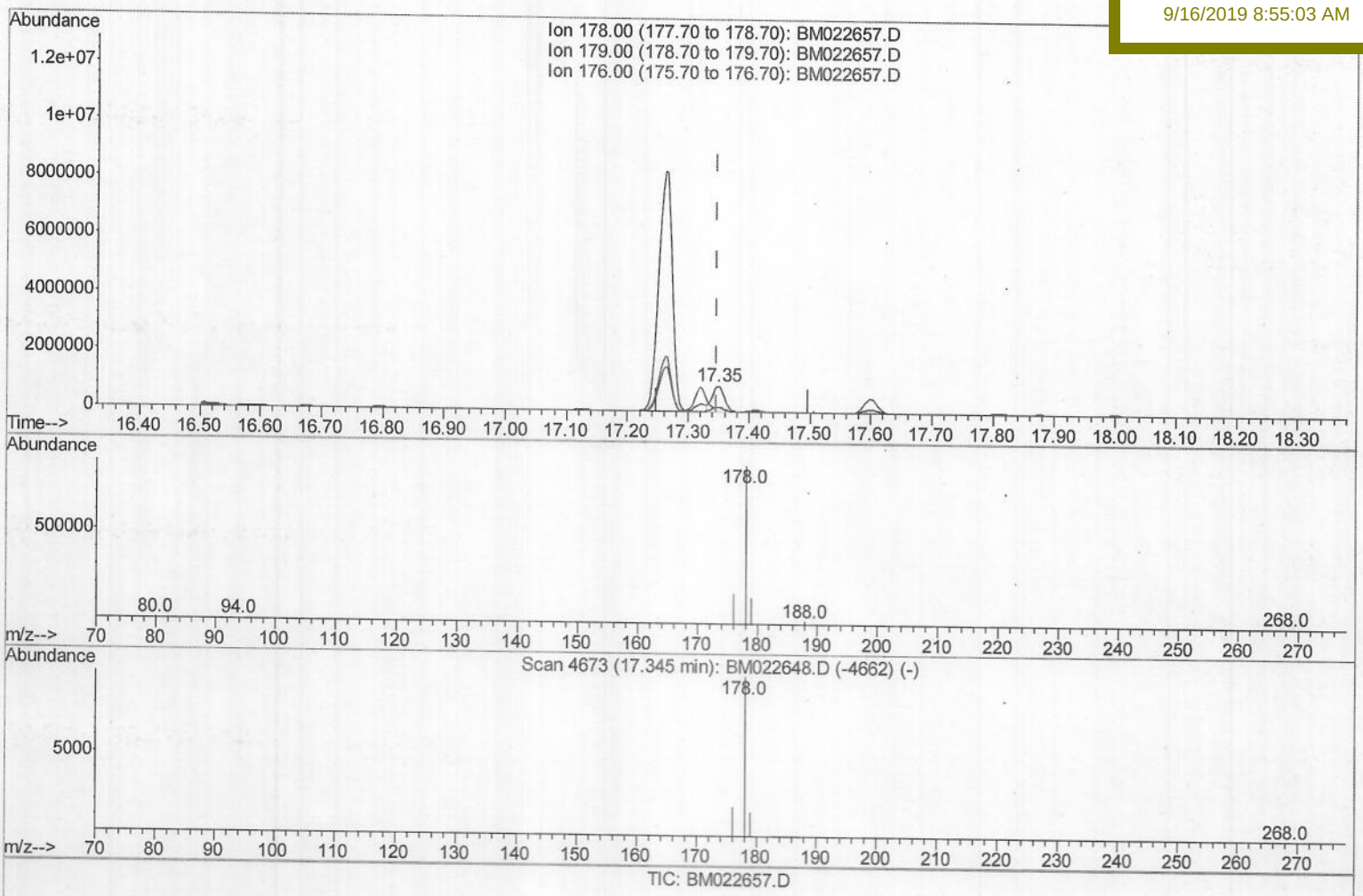
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(13) Anthracene

17.348min (-0.000) 4.31ng/ul m > JU 09/14/19

response 1157038

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.45
176.00	18.50	18.97
0.00	0.00	0.00

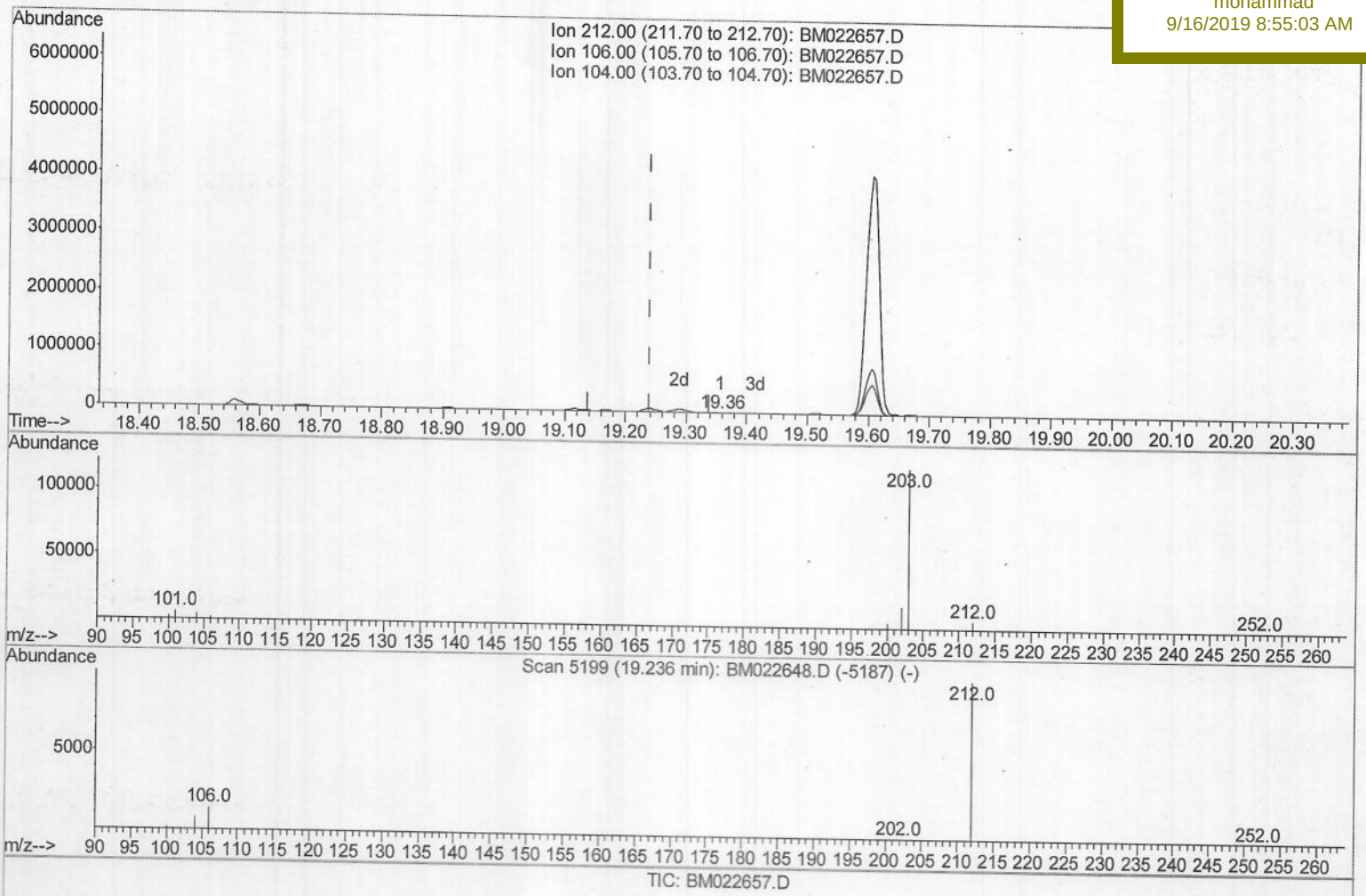
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:35:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(14) Fluoranthene-d10 (SURR)

19.358min (+0.118) 0.02ng/ul

response 5575

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	10.85#
0.00	0.00	0.00

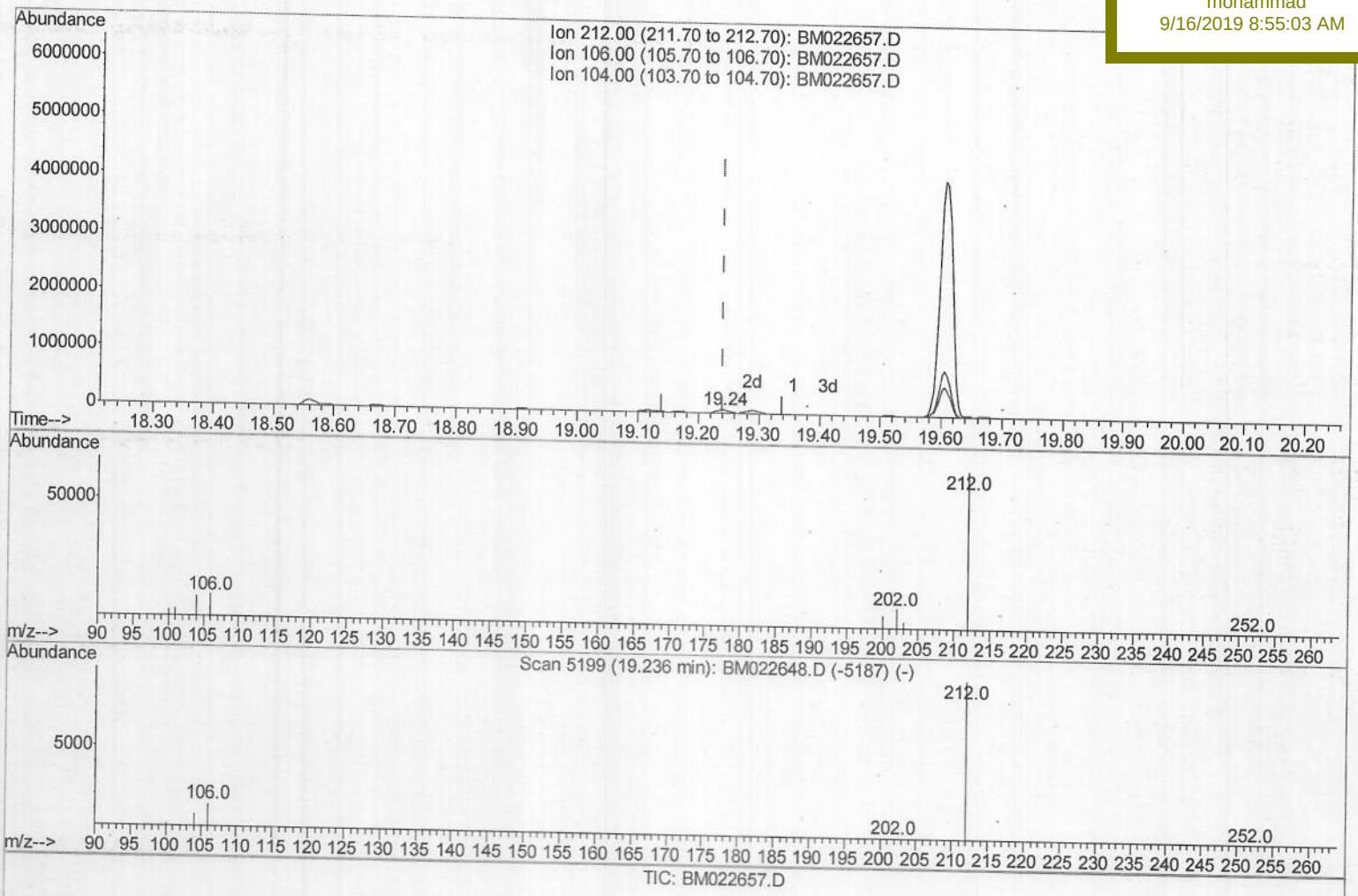
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:35:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(14) Fluoranthene-d10 (SURR)

19.240min (-0.000) 0.28ng/ul m > JU 09/24/19

response 76500

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	0.79#
0.00	0.00	0.00

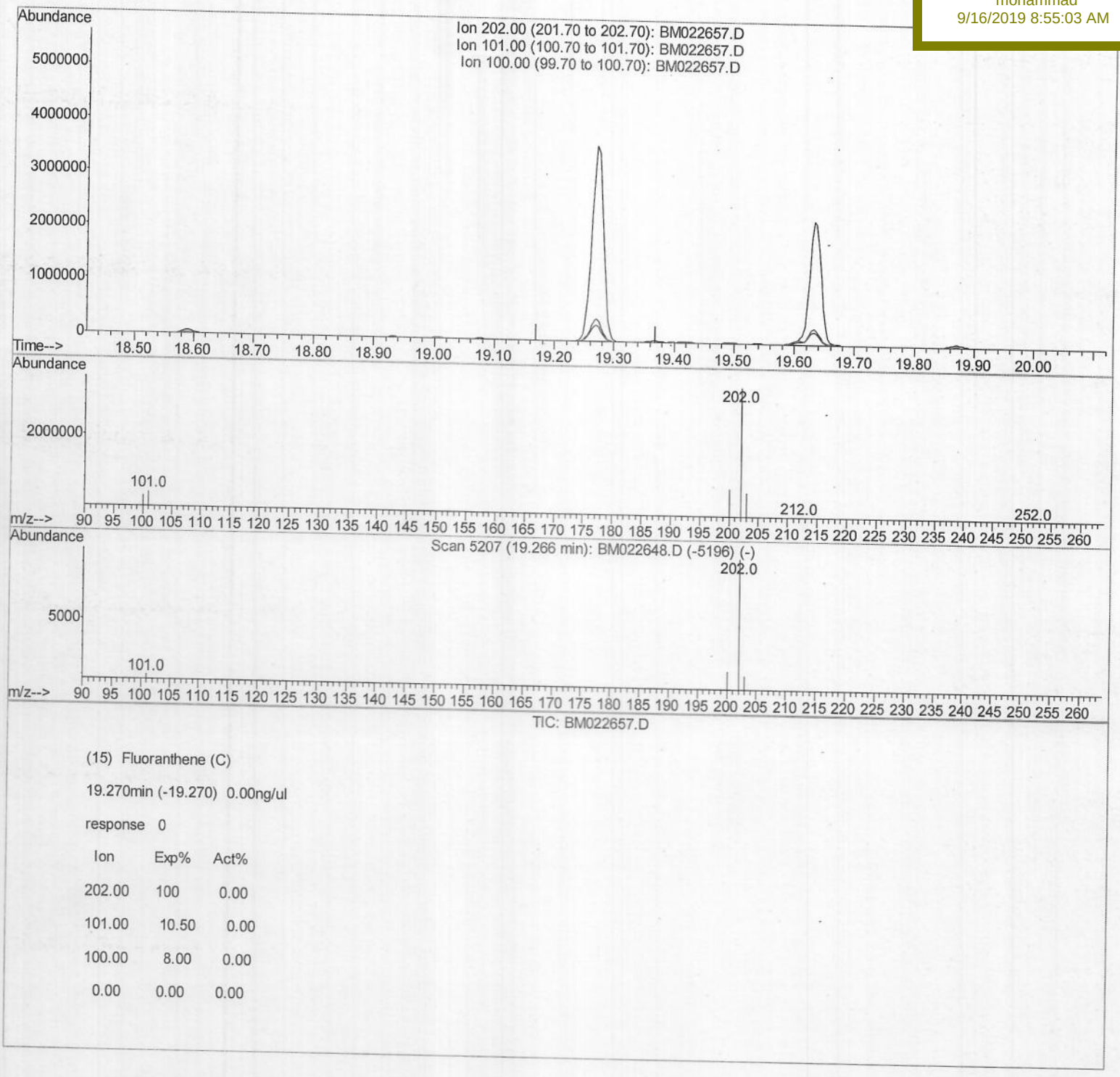
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:35:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(15) Fluoranthene (C)

19.270min (-19.270) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.50	0.00
100.00	8.00	0.00
0.00	0.00	0.00

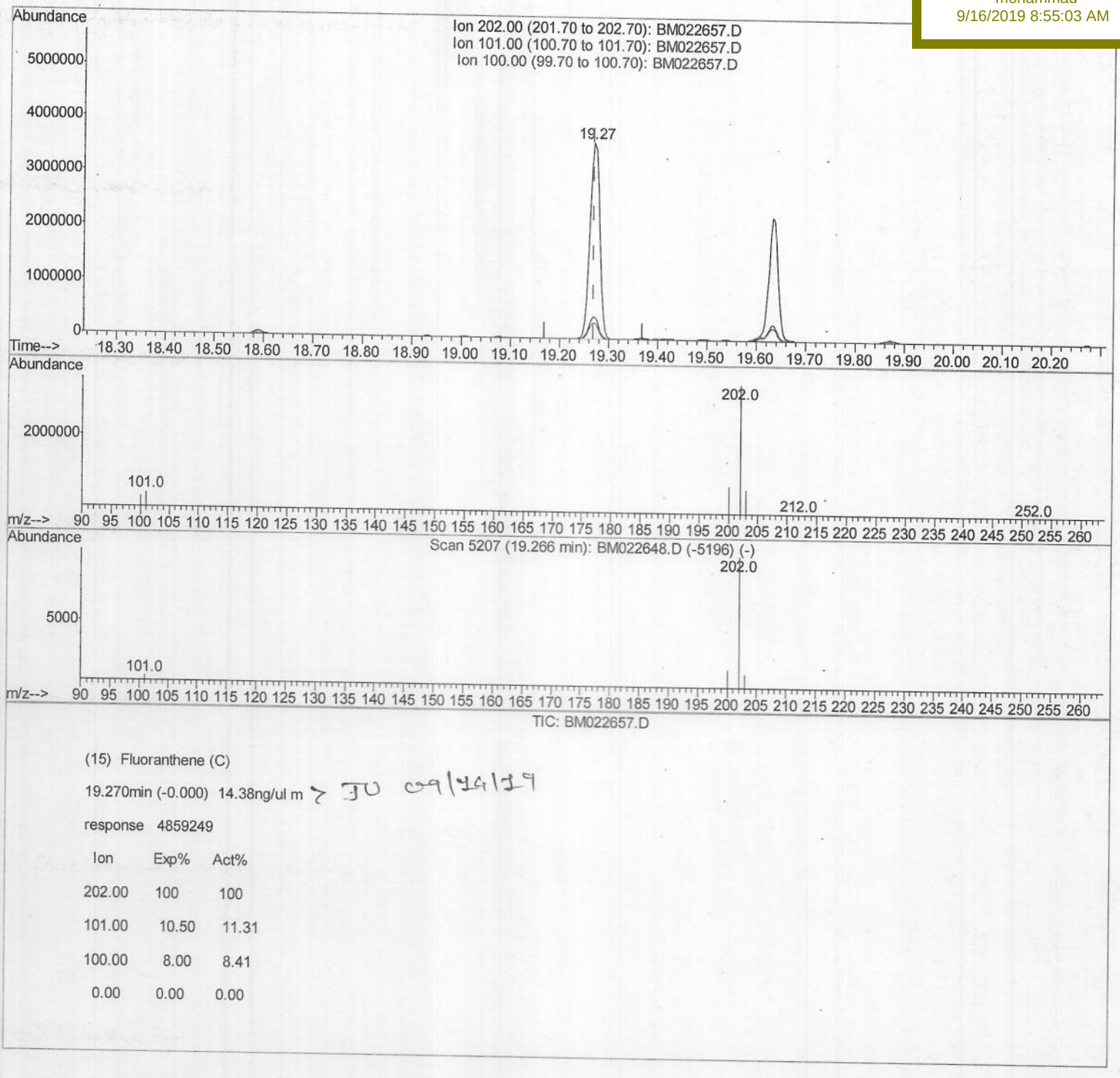
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:35:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



TIC: BM022657.D

(15) Fluoranthene (C)

19.270min (-0.000) 14.38ng/ul m > JU 09/24/19

response 4859249

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	11.31
100.00	8.00	8.41
0.00	0.00	0.00

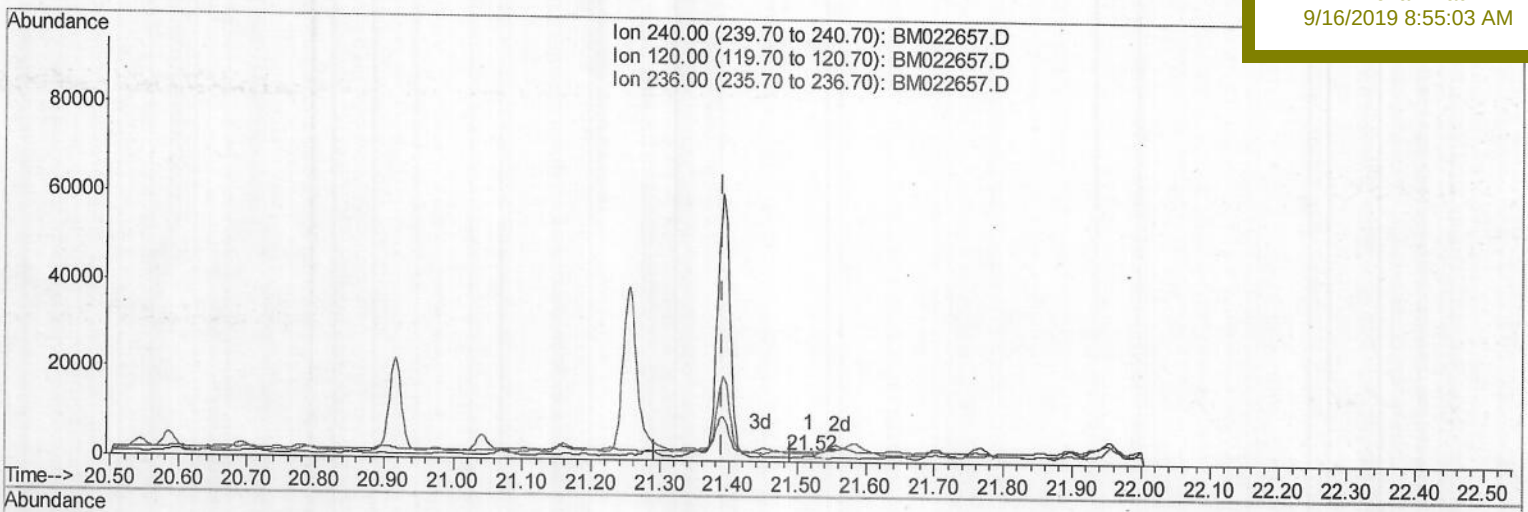
Quantitation Report (Qedit)

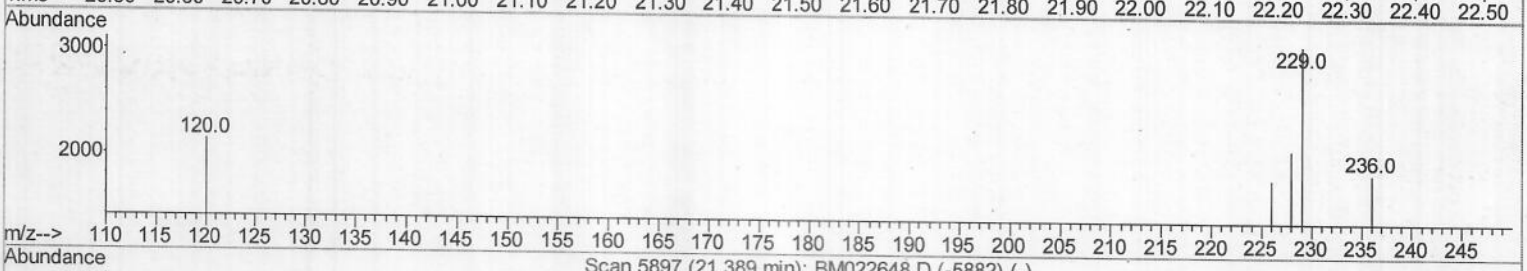
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

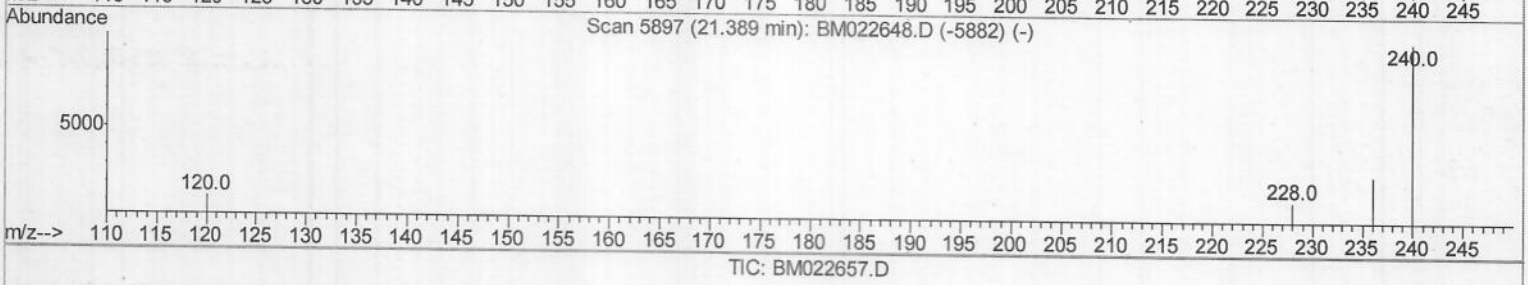
Quant Time: Sep 12 01:35:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM







(16) Chrysene-d12 (I)

21.517min (+0.126) 0.40ng/ul

response 725

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	154.07#
236.00	28.80	135.06#
0.00	0.00	0.00

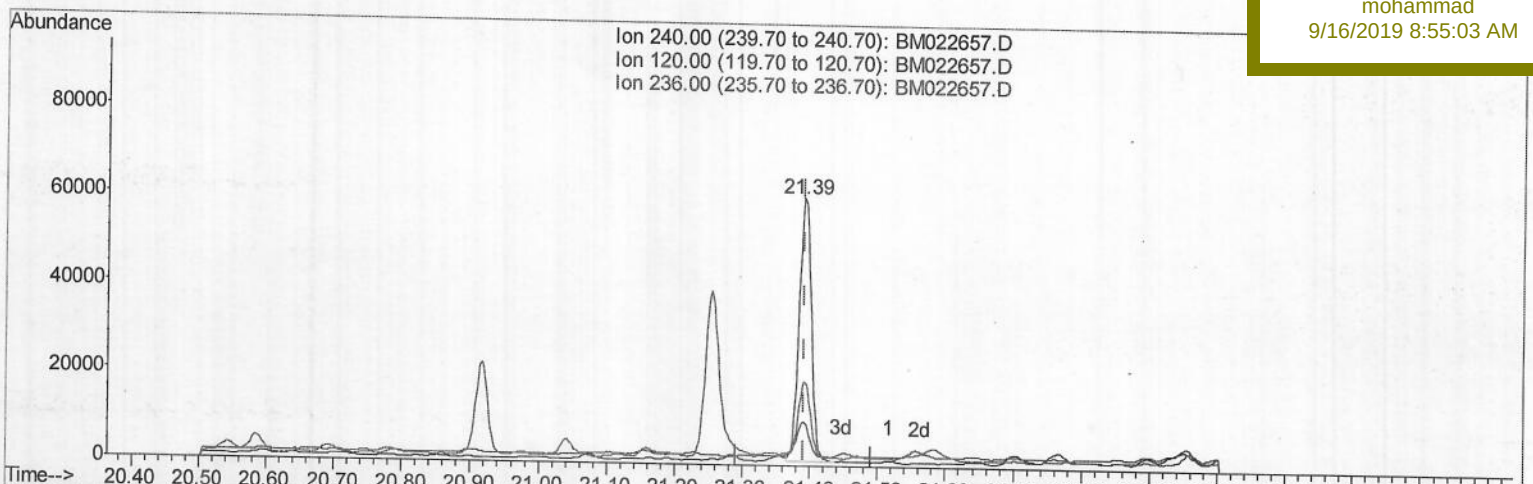
Quantitation Report (Qedit)

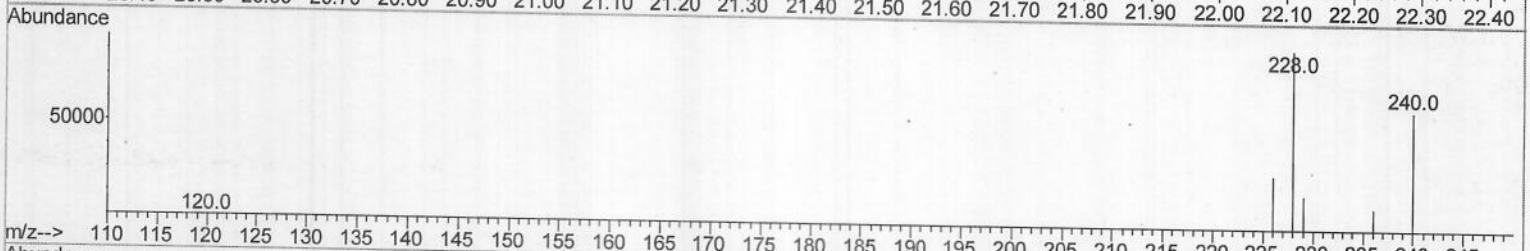
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

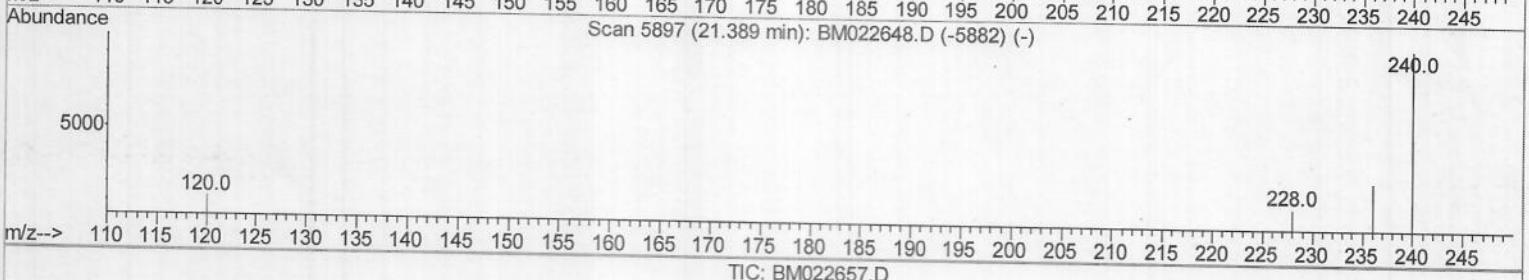
Quant Time: Sep 12 01:35:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM







(16) Chrysene-d12 (I)

21.391min (-0.000) 0.40ng/ul m > JU 09/14/19

response 74460

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	16.18
236.00	28.80	31.31
0.00	0.00	0.00

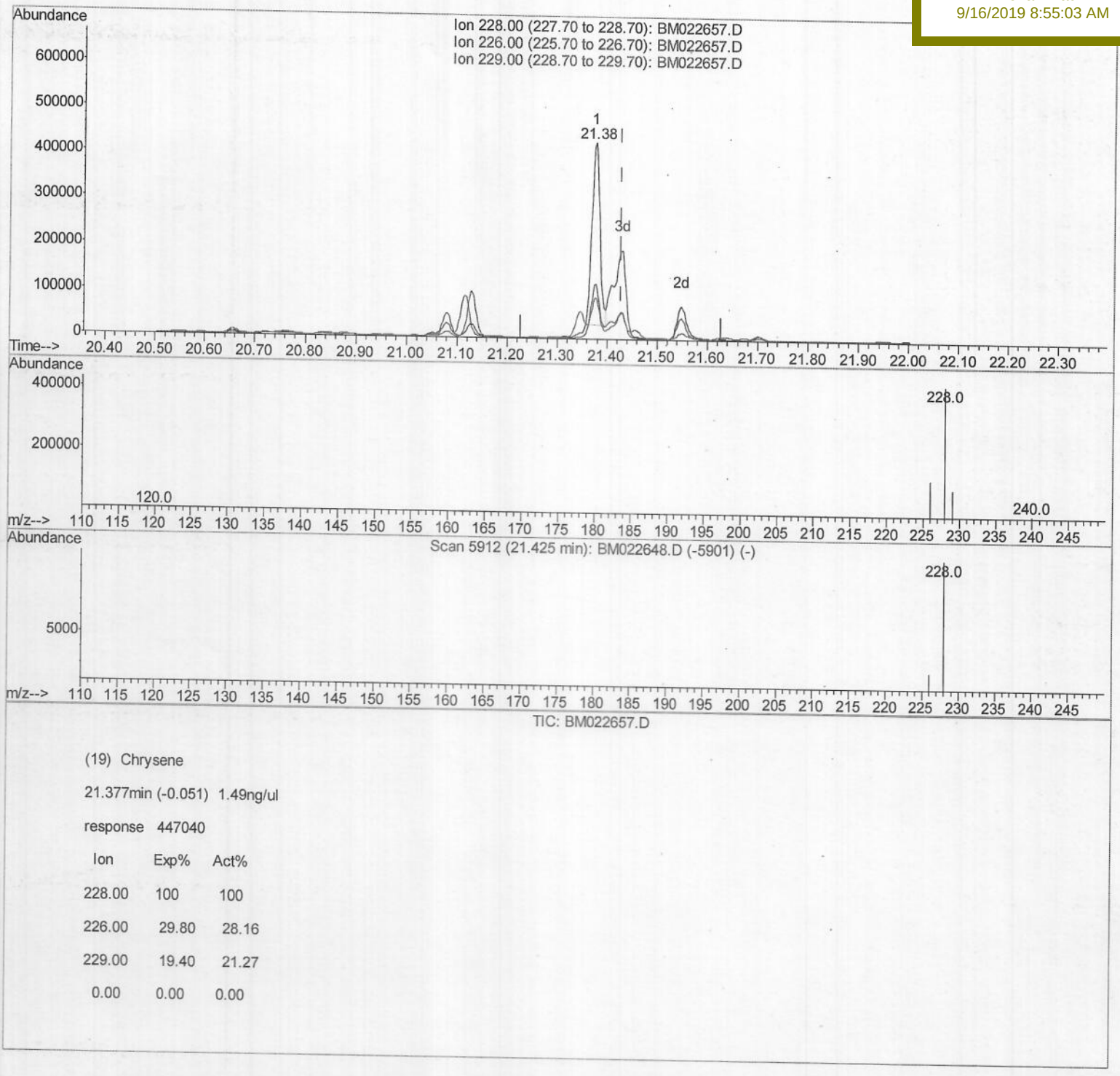
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:36:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(19) Chrysene

21.377min (-0.051) 1.49ng/ul

response 447040

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	28.16
229.00	19.40	21.27
0.00	0.00	0.00

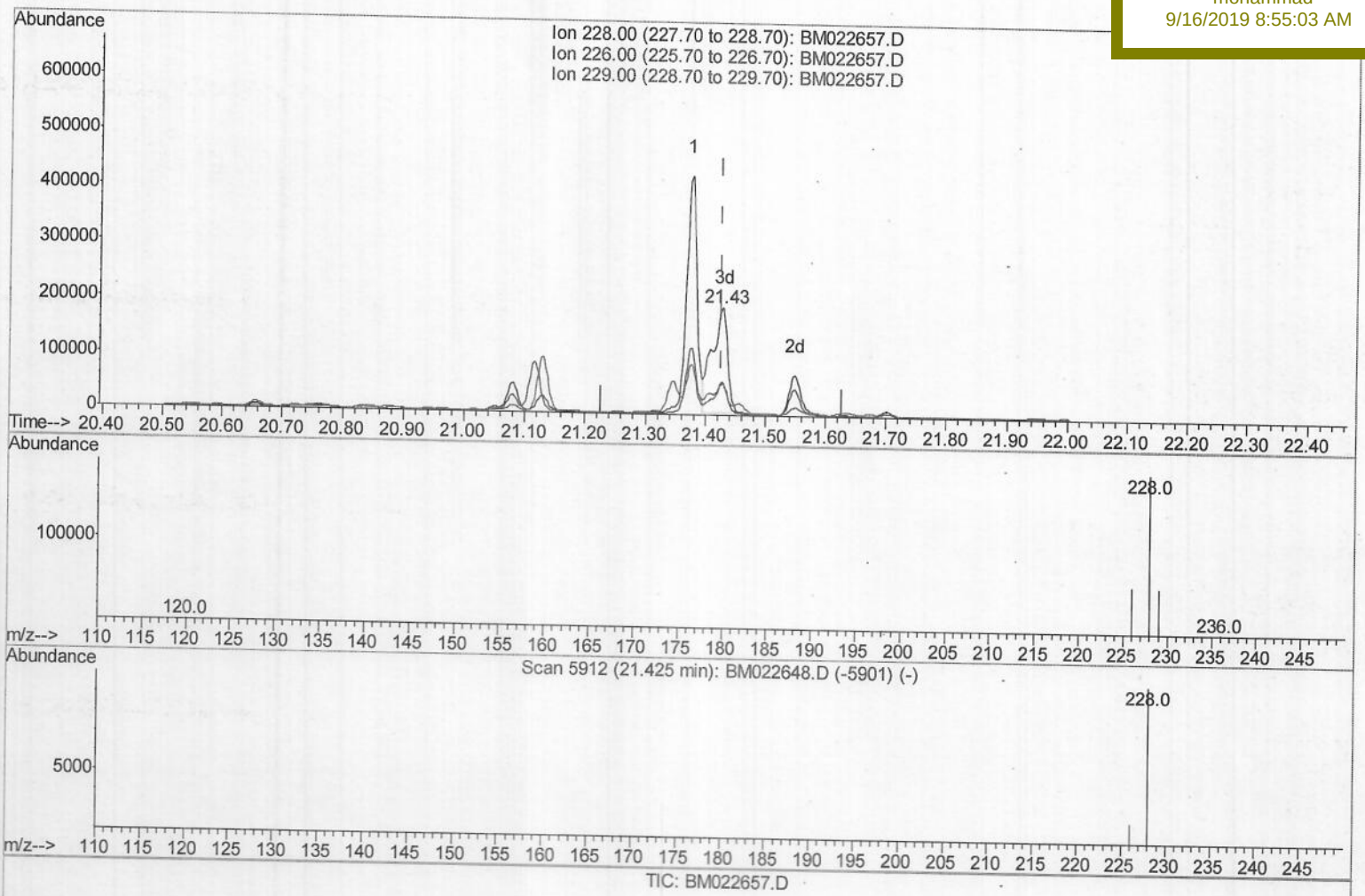
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:36:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(19) Chrysene

21.430min (+0.002) 1.15ng/ul m JU 09/24/19

response 346132

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	30.23
229.00	19.40	29.03#
0.00	0.00	0.00

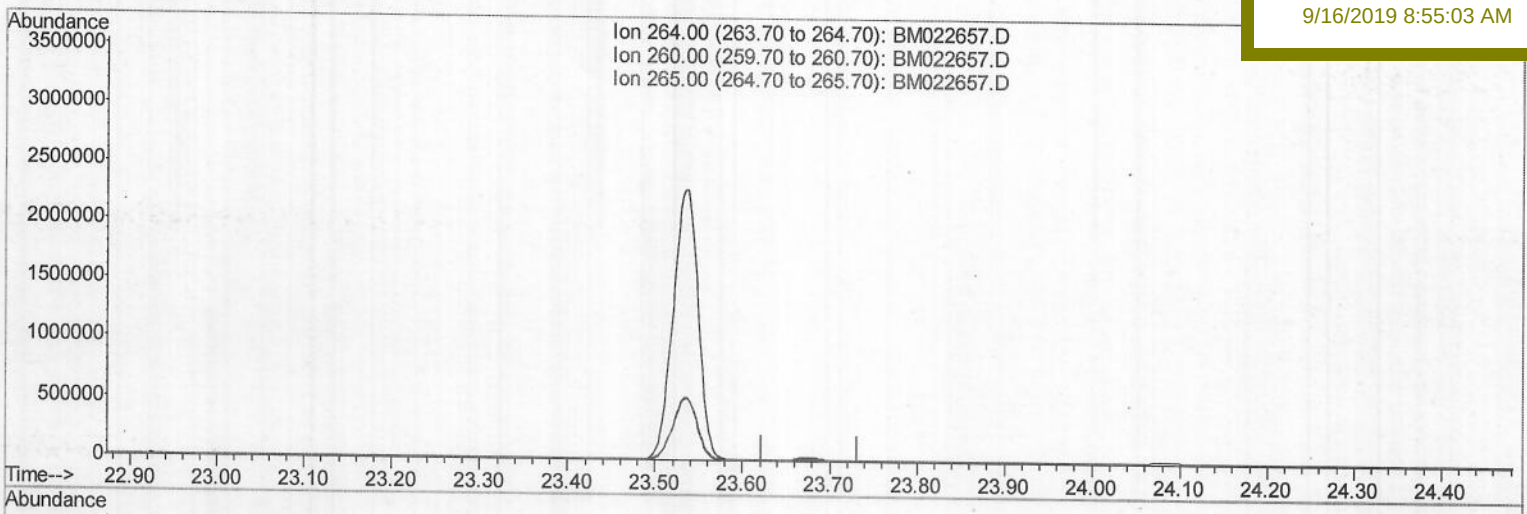
Quantitation Report (Qedit)

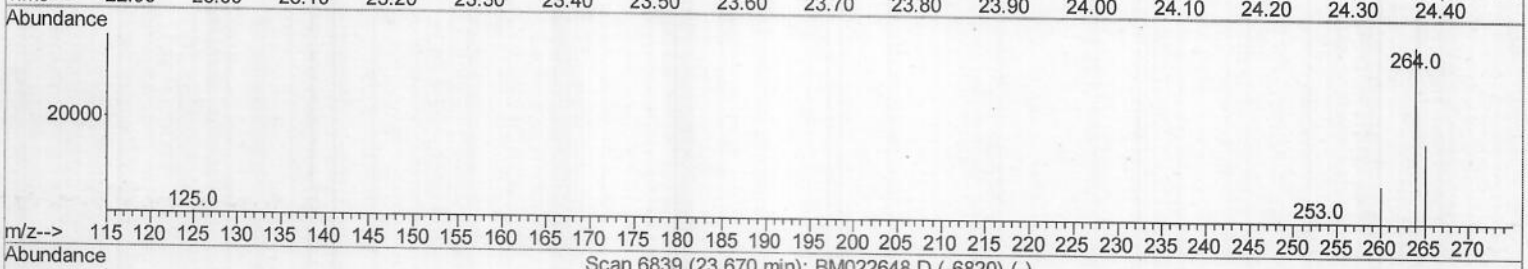
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

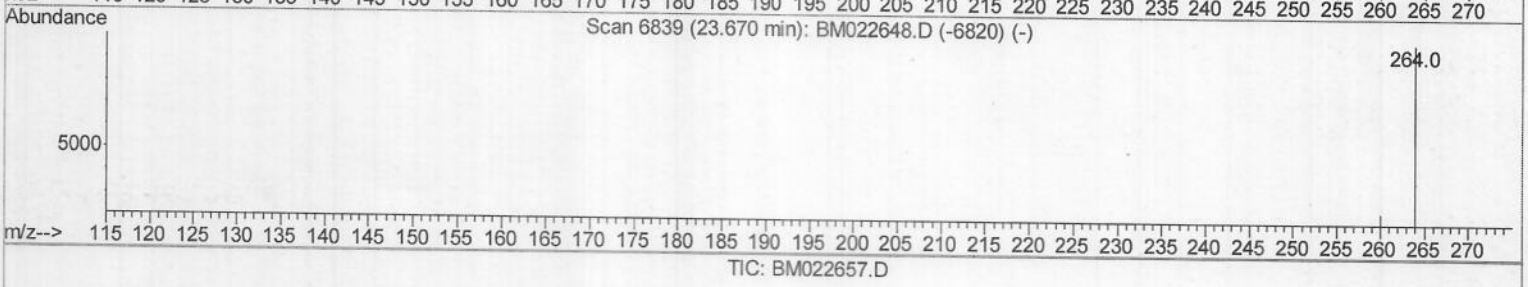
Quant Time: Sep 12 01:36:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM







TIC: BM022657.D

(20) Perylene-d12 (I)

23.673min (-23.673) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.60	0.00#
265.00	59.90	0.00#
0.00	0.00	0.00

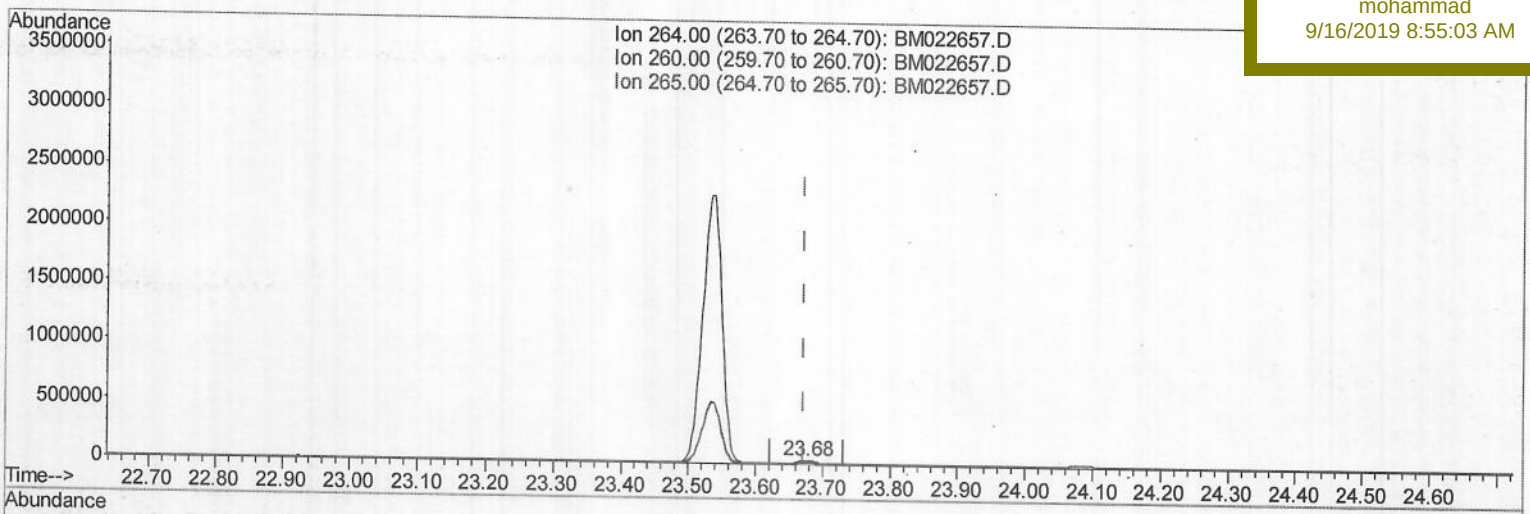
Quantitation Report (Qedit)

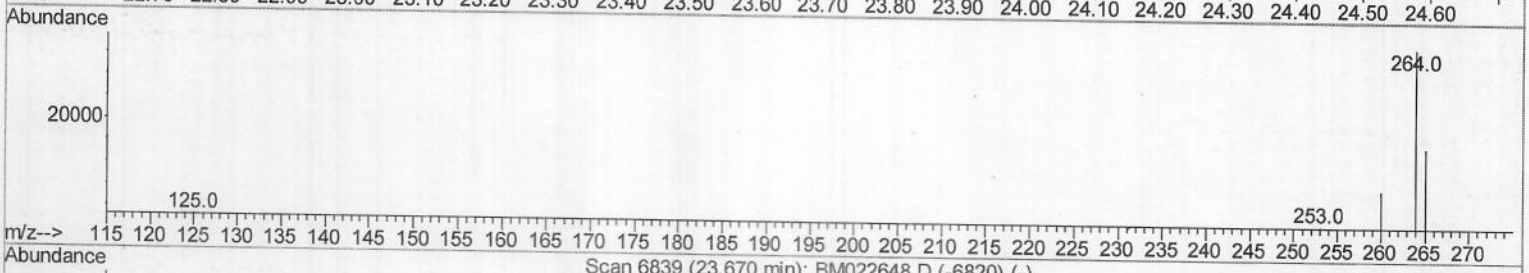
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

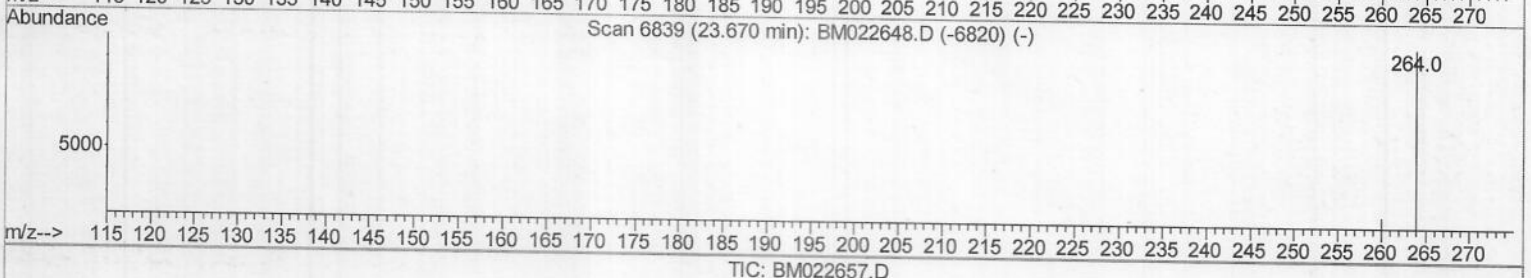
Quant Time: Sep 12 01:36:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM







TIC: BM022657.D

(20) Perylene-d12 (I)

23.675min (+0.002) 0.40ng/ul m > JU 09/14/19

response 59472

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.39
265.00	59.90	48.86
0.00	0.00	0.00

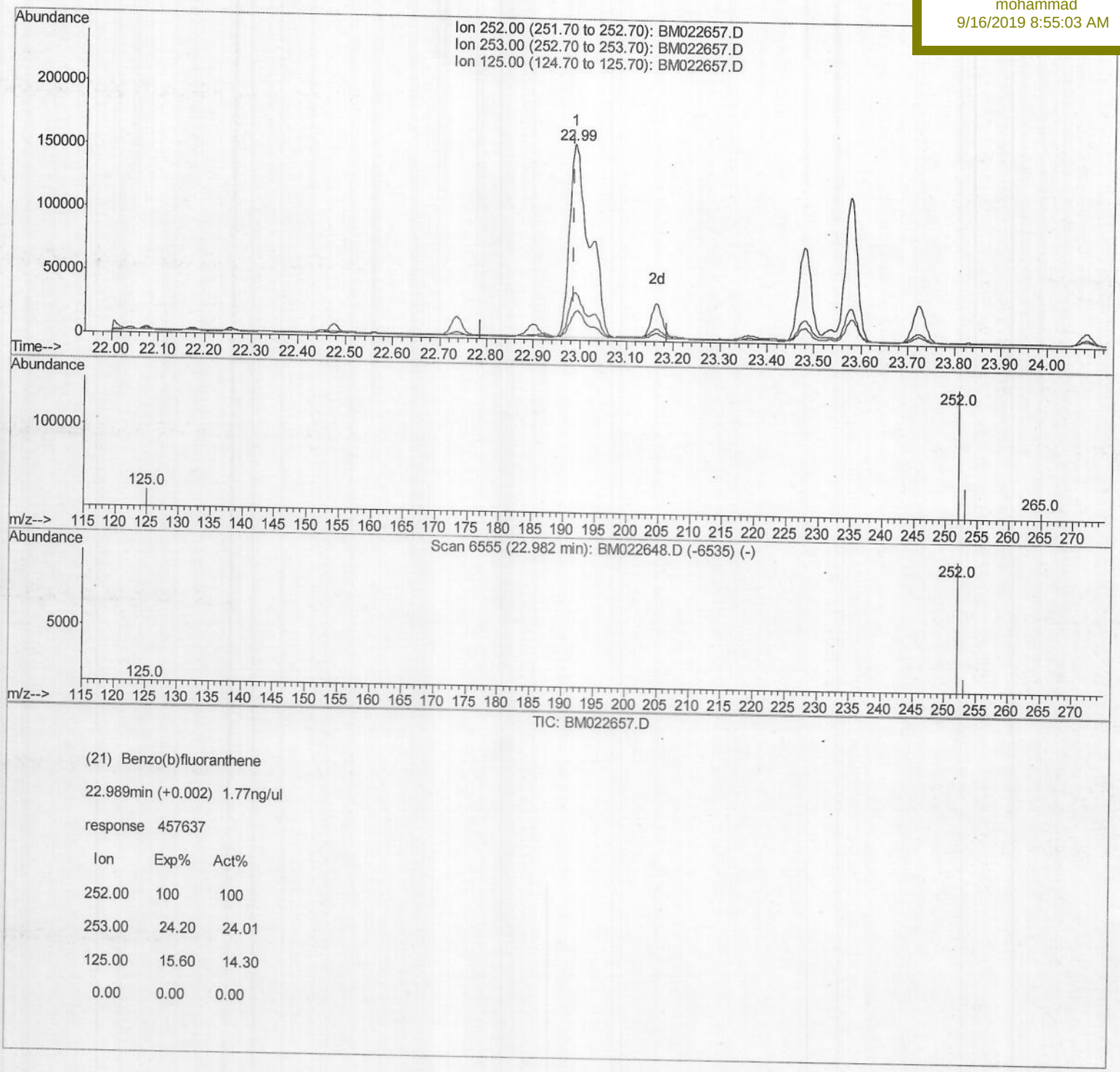
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



TIC: BM022657.D

(21) Benzo(b)fluoranthene

22.989min (+0.002) 1.77ng/ul

response 457637

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	24.01
125.00	15.60	14.30
0.00	0.00	0.00

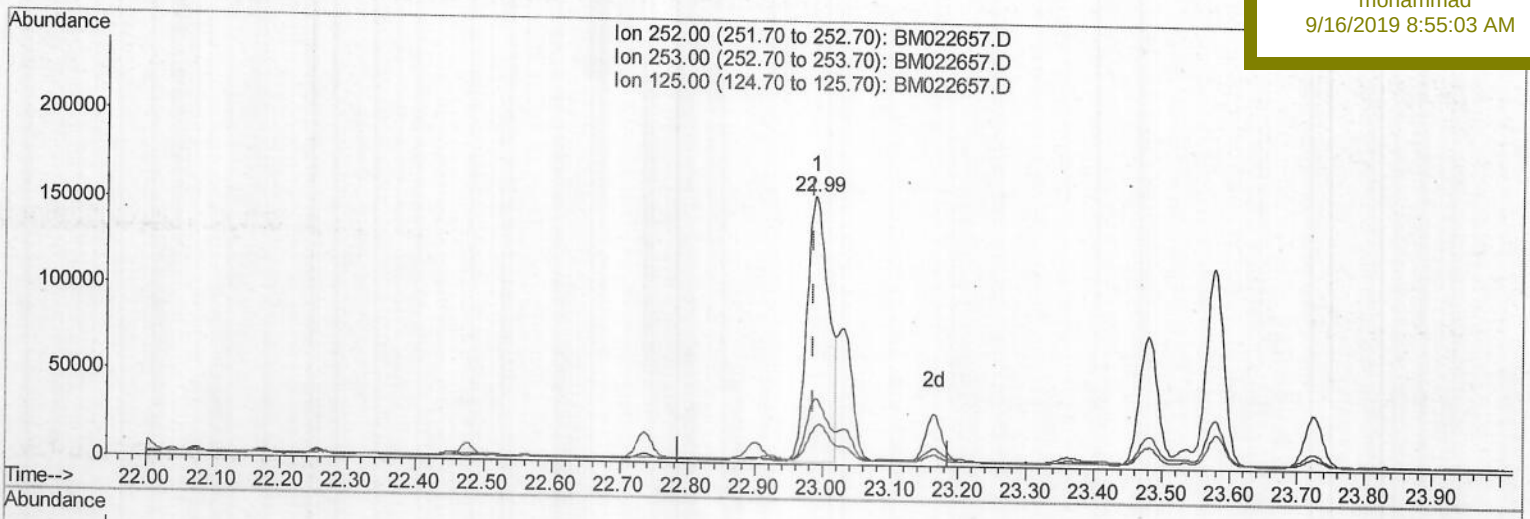
Quantitation Report (Qedit)

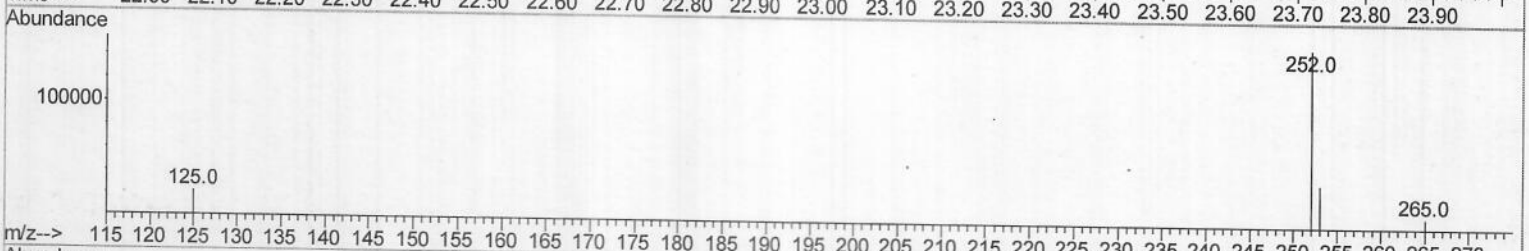
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

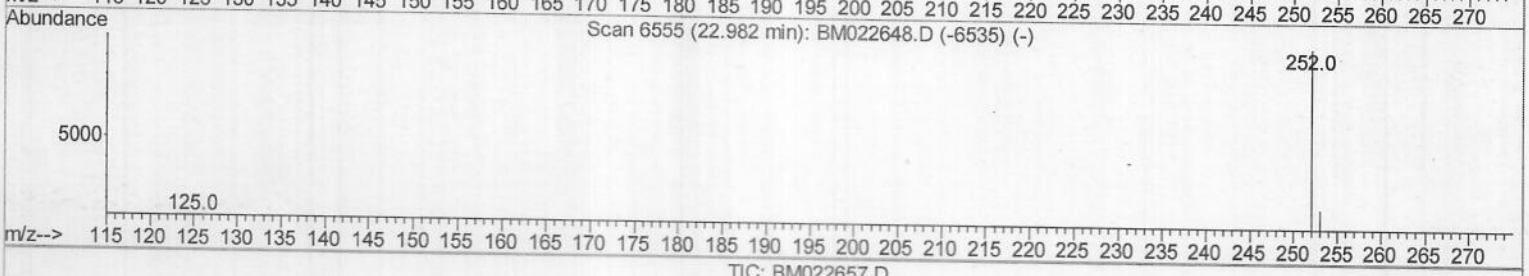
Quant Time: Sep 12 01:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM







(21) Benzo(b)fluoranthene

22.989min (+0.002) 1.33ng/ul m > JU 09/14/19

response 342401

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	24.01
125.00	15.60	14.30
0.00	0.00	0.00

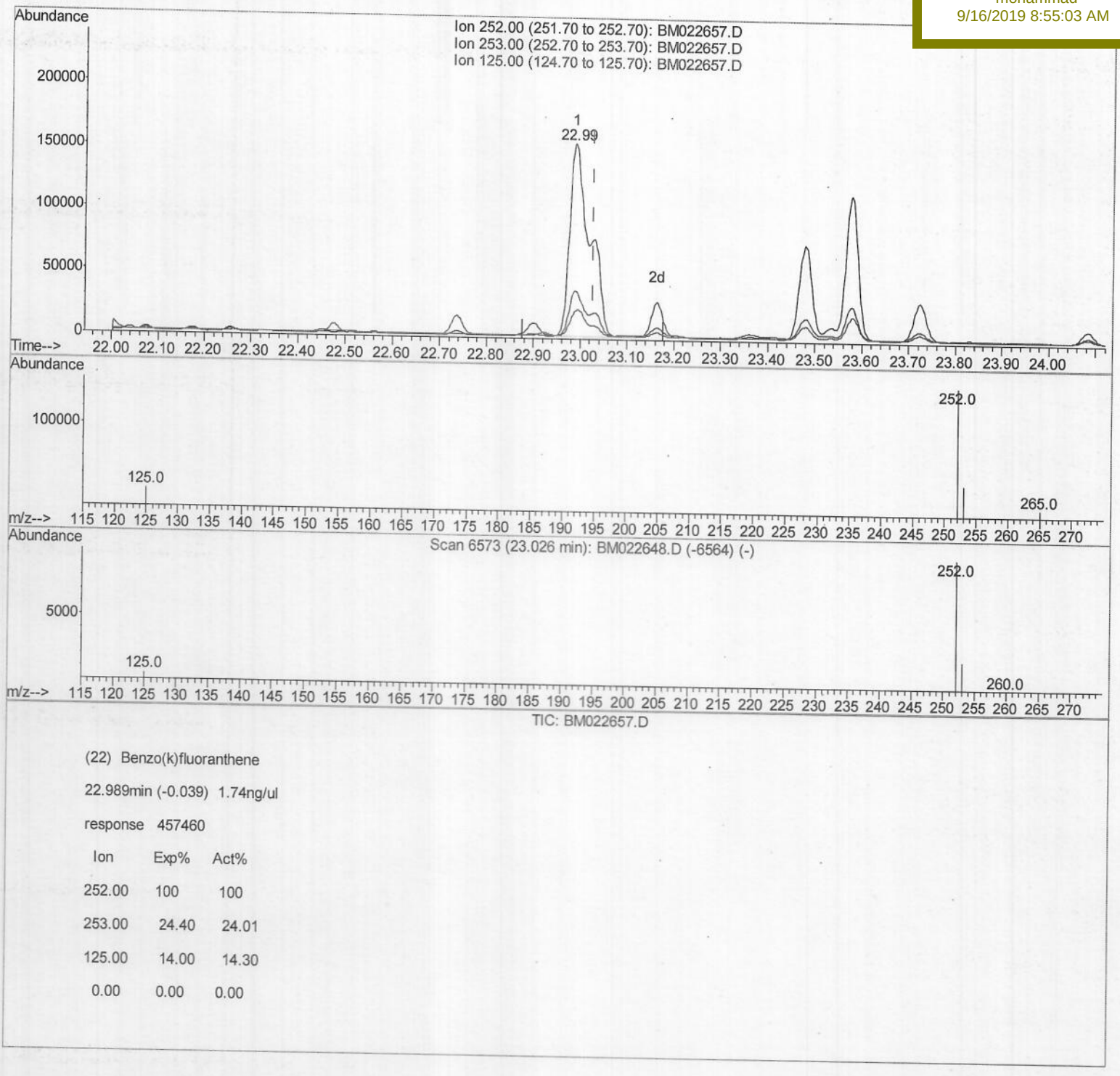
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



(22) Benzo(k)fluoranthene

22.989min (-0.039) 1.74ng/ul

response 457460

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	24.01
125.00	14.00	14.30
0.00	0.00	0.00

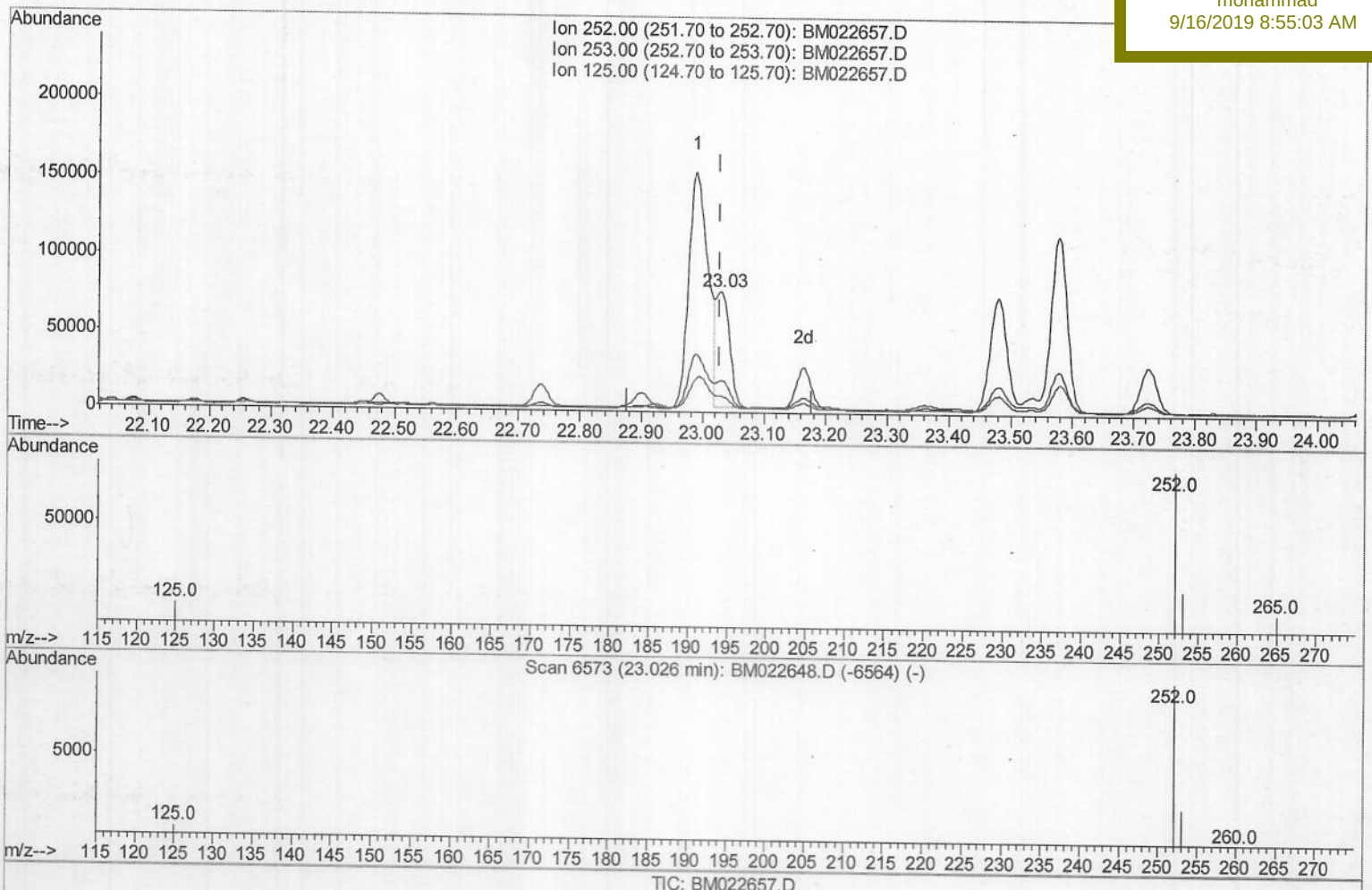
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM



TIC: BM022657.D

(22) Benzo(k)fluoranthene

23.031min (+0.002) 0.42ng/ul m & JU 09/14/19

response 111701

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	26.36
125.00	14.00	13.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022657.D
Acq On : 11 Sep 2019 15:05
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 12 01:38:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BF575

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	17959	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	70378	0.40	ng/ul	0.03
6) Acenaphthene-d10	14.48	164	74305	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	98286m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	74460m	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	59472m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	34658	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	76500m	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.69	128	55511455	276.823	ng/ul#	91
5) 2-Methylnaphthalene	12.31	142	28412489	206.672	ng/ul	92
7) Acenaphthylene	14.20	152	1204490	3.502	ng/ul#	96
8) Acenaphthene	14.55	153	13033333	45.264	ng/ul	95
9) Fluorene	15.53	166	9655402	29.266	ng/ul	98
11) Pentachlorophenol	16.87	266	2726m	0.137	ng/ul	
12) Phenanthrene	17.26	178	13177826m	42.083	ng/ul	
13) Anthracene	17.35	178	1157038m	4.307	ng/ul	
15) Fluoranthene	19.27	202	4859249m	14.380	ng/ul	
17) Pyrene	19.63	202	3086538	9.144	ng/ul	99
18) Benzo(a)anthracene	21.38	228	527822	1.852	ng/ul	98
19) Chrysene	21.43	228	346132m	1.154	ng/ul	
21) Benzo(b)fluoranthene	22.99	252	342401m	1.325	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	111701m	0.424	ng/ul	
23) Benzo(a)pyrene	23.58	252	205877	0.911	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.99	276	66391	0.241	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.99	278	17375	0.078	ng/ul#	70
26) Benzo(g,h,i)perylene	26.70	276	50240	0.229	ng/ul	98

JU 09/24/19

JU 09/24/19

JU 09/24/19

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