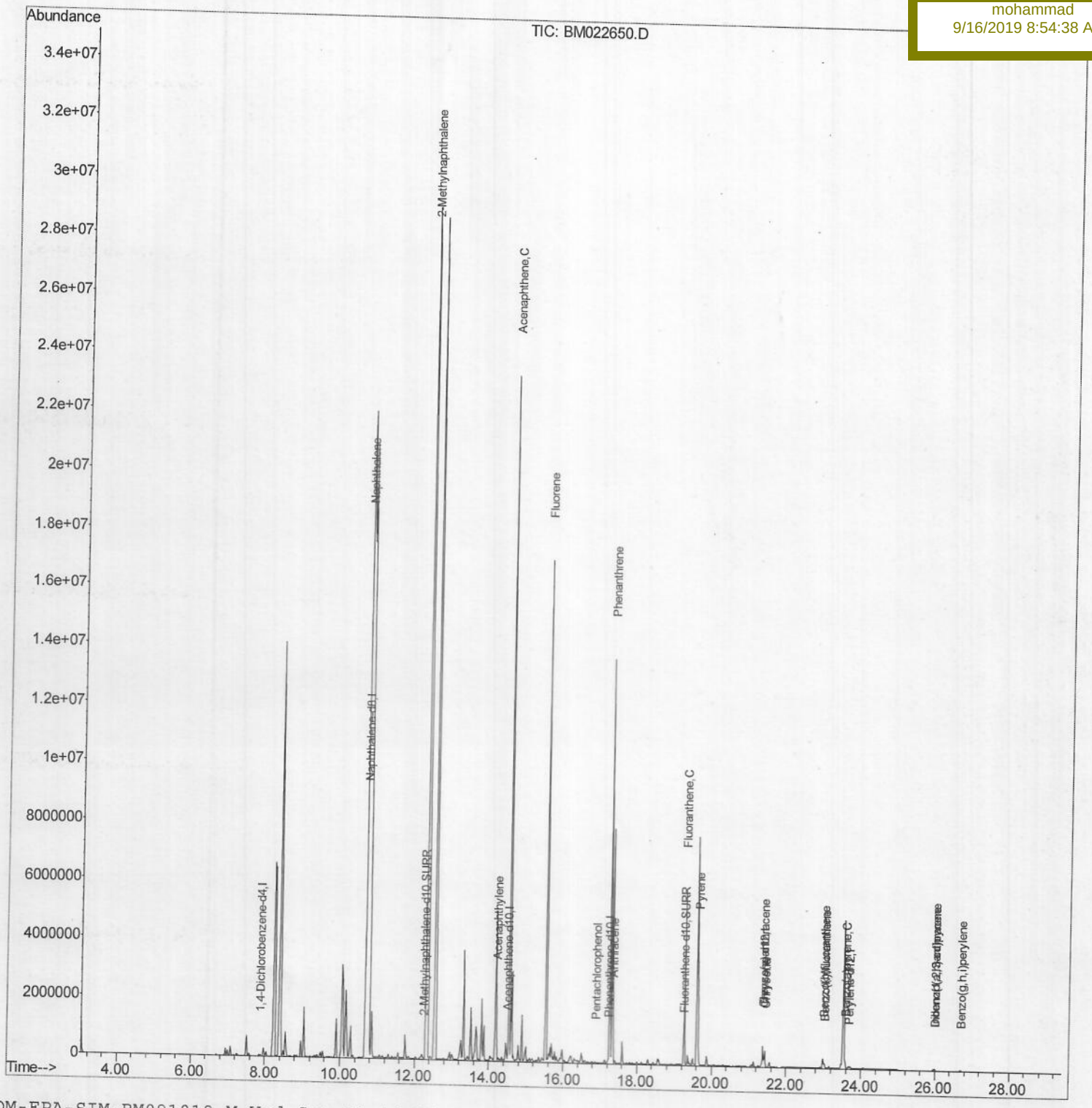
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:47:25 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



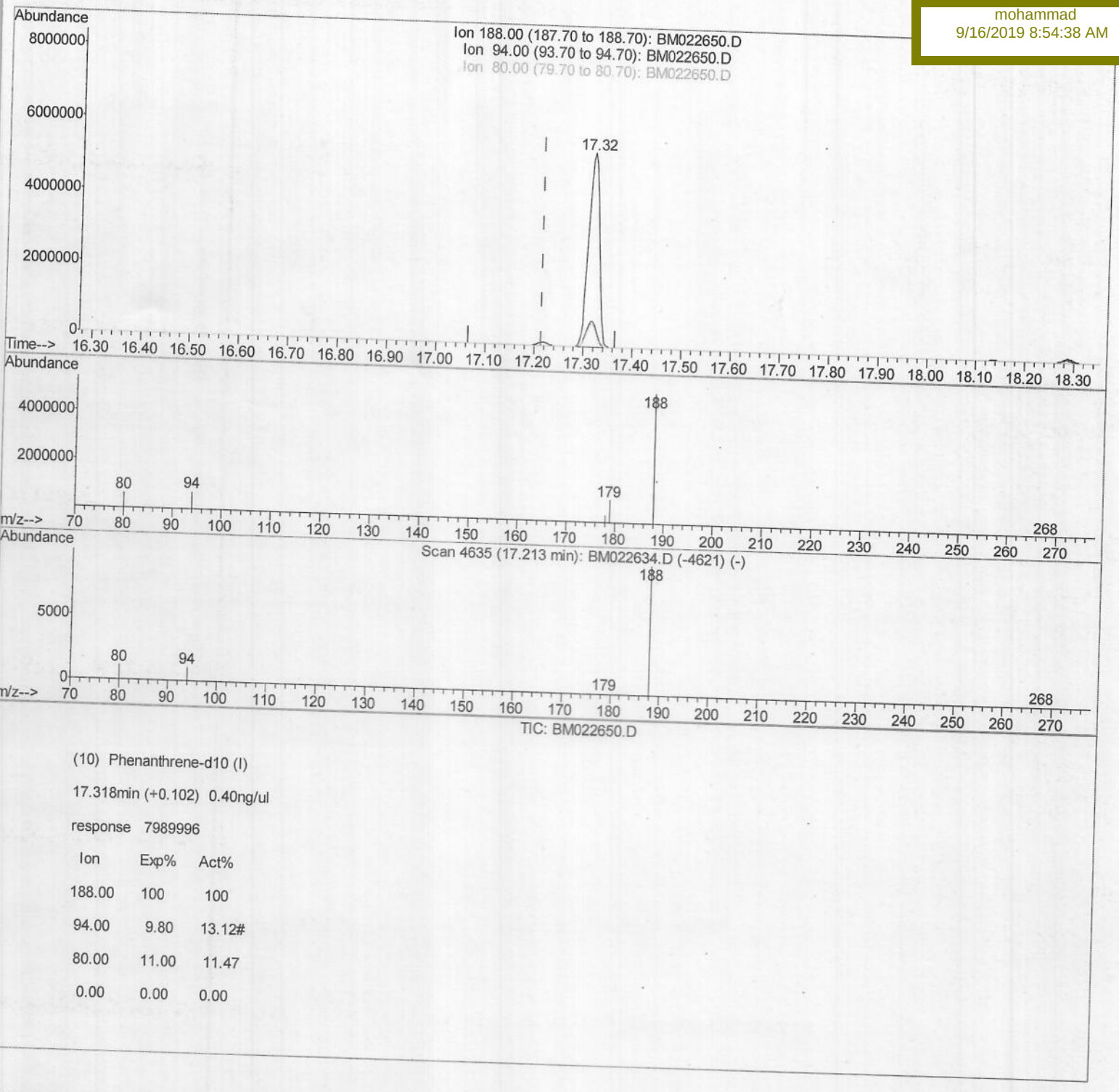
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:39:45 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(10) Phenanthrene-d10 (I)

17.318min (+0.102) 0.40ng/ul

response 7989996

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	13.12#
80.00	11.00	11.47
0.00	0.00	0.00

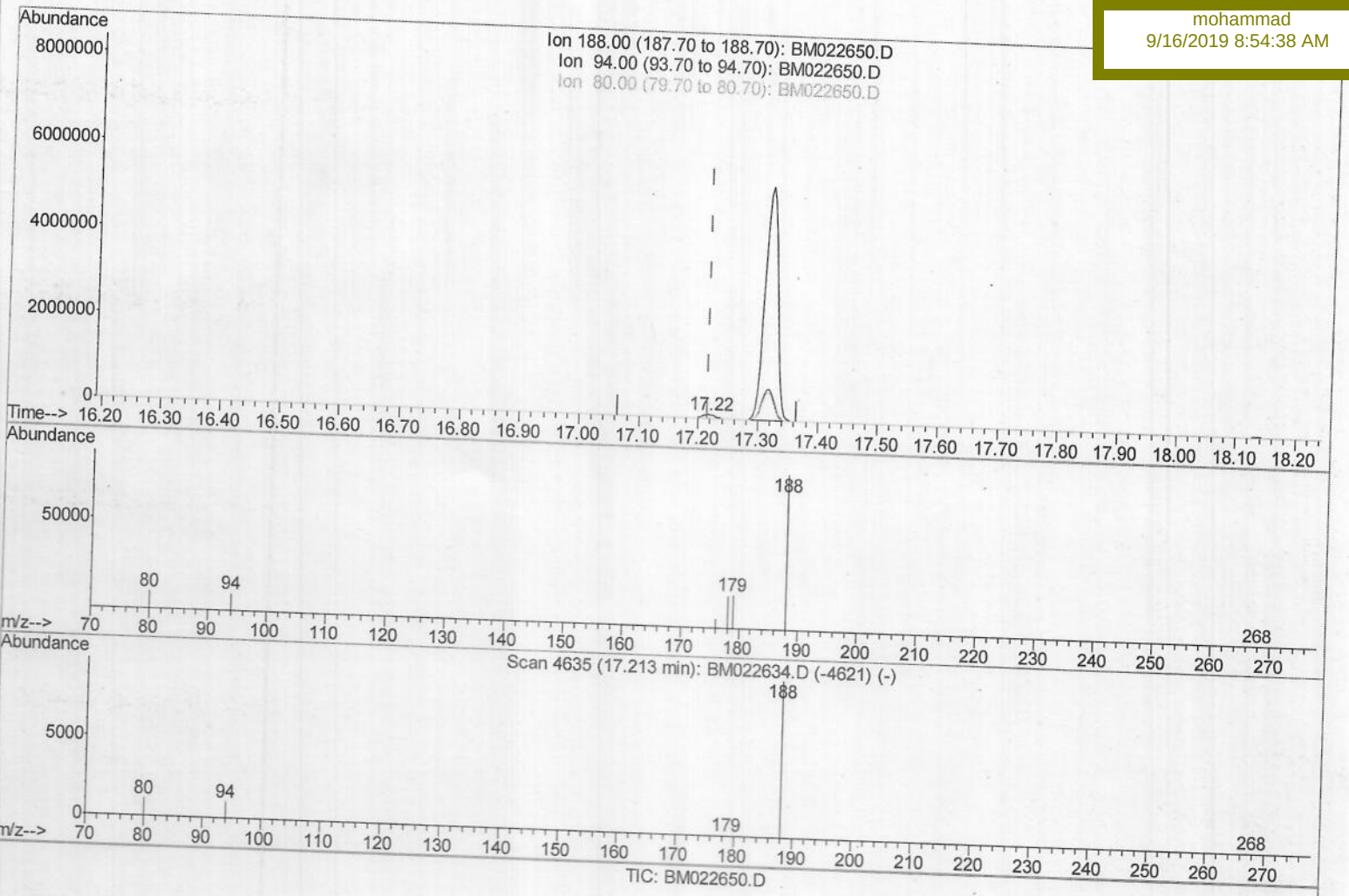
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:39:45 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



TIC: BM022650.D

(10) Phenanthrene-d10 (I)

17.218min (+0.001) 0.40ng/ul m > JU 09/14/19

response 129423

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	11.32
80.00	11.00	11.69
0.00	0.00	0.00

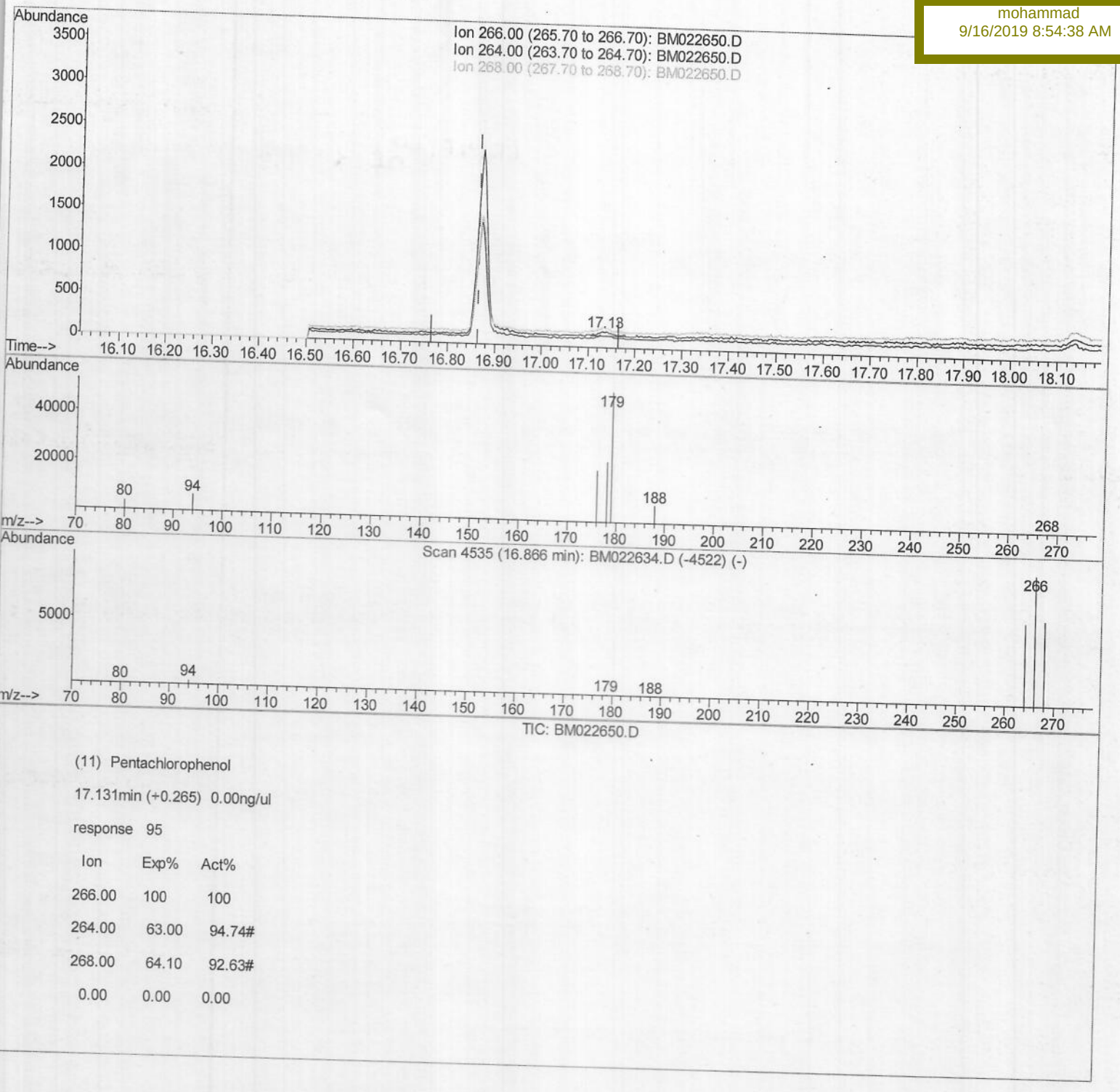
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(11) Pentachlorophenol

17.131min (+0.265) 0.00ng/ul

response 95

Ion	Exp%	Act%
266.00	100	100
264.00	63.00	94.74#
268.00	64.10	92.63#
0.00	0.00	0.00

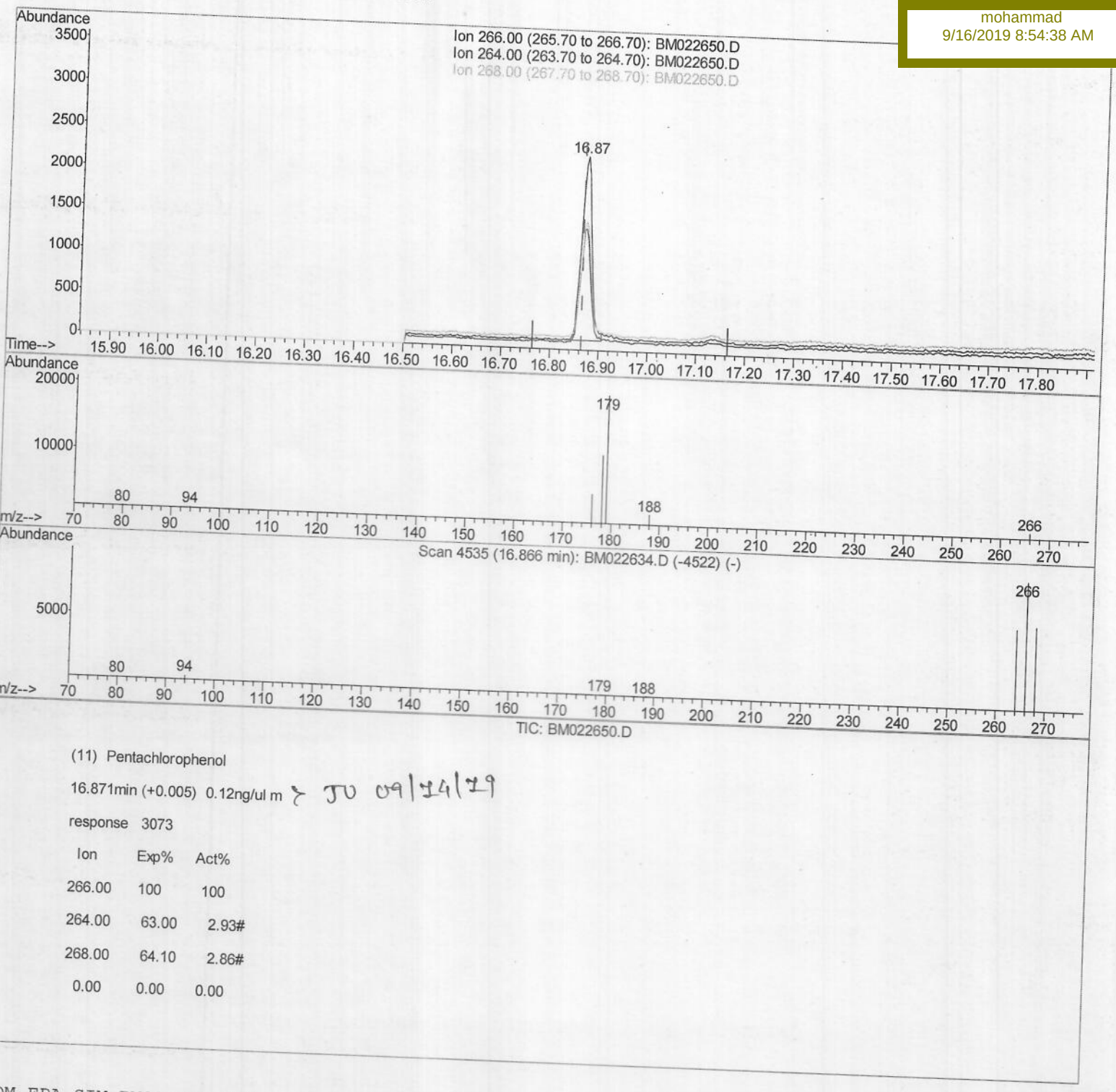
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(11) Pentachlorophenol

16.871min (+0.005) 0.12ng/ul m > JU 09/14/19

response 3073

Ion	Exp%	Act%
266.00	100	100
264.00	63.00	2.93#
268.00	64.10	2.86#
0.00	0.00	0.00

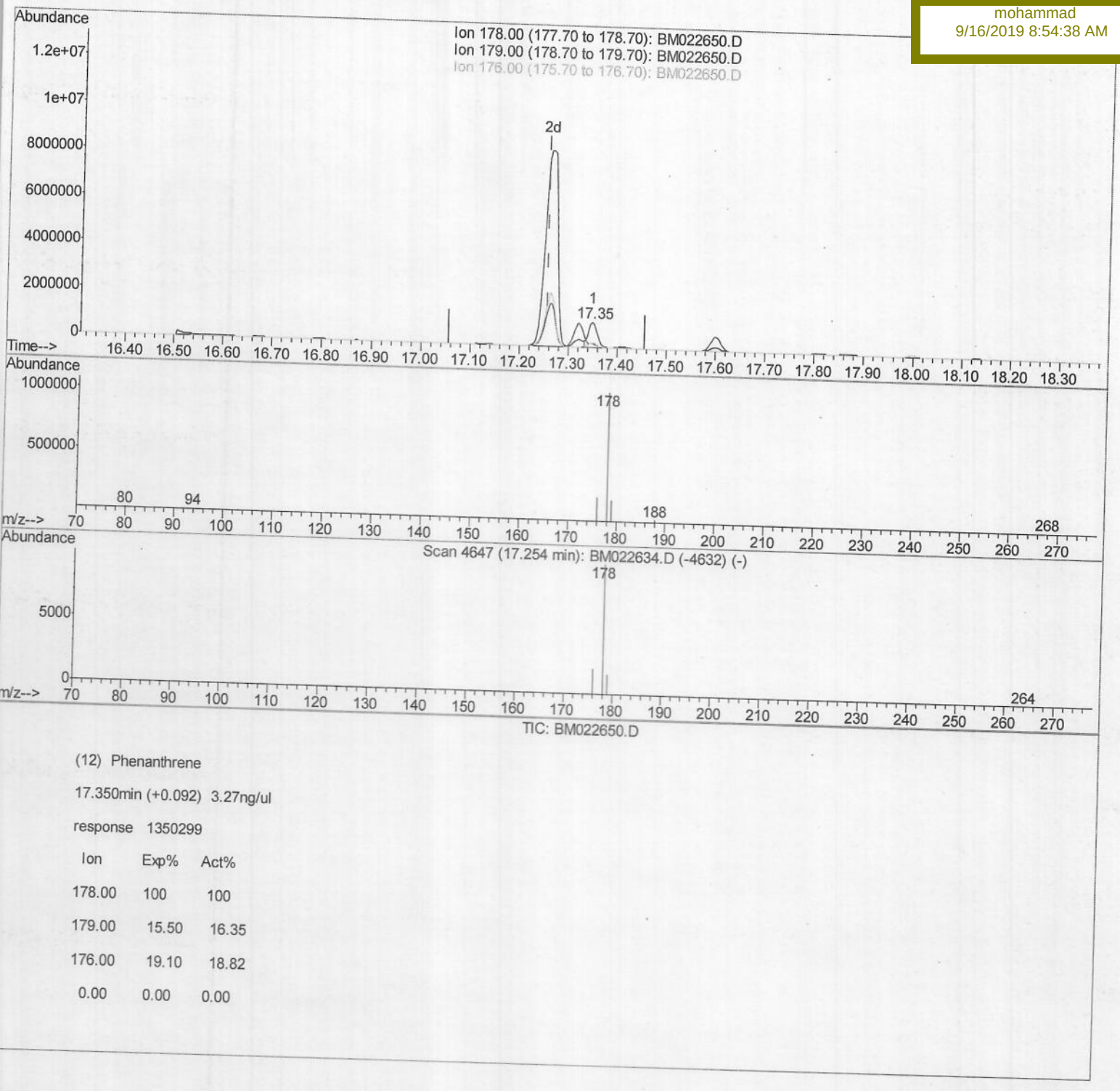
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(12) Phenanthrene

17.350min (+0.092) 3.27ng/ul

response 1350299

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.35
176.00	19.10	18.82
0.00	0.00	0.00

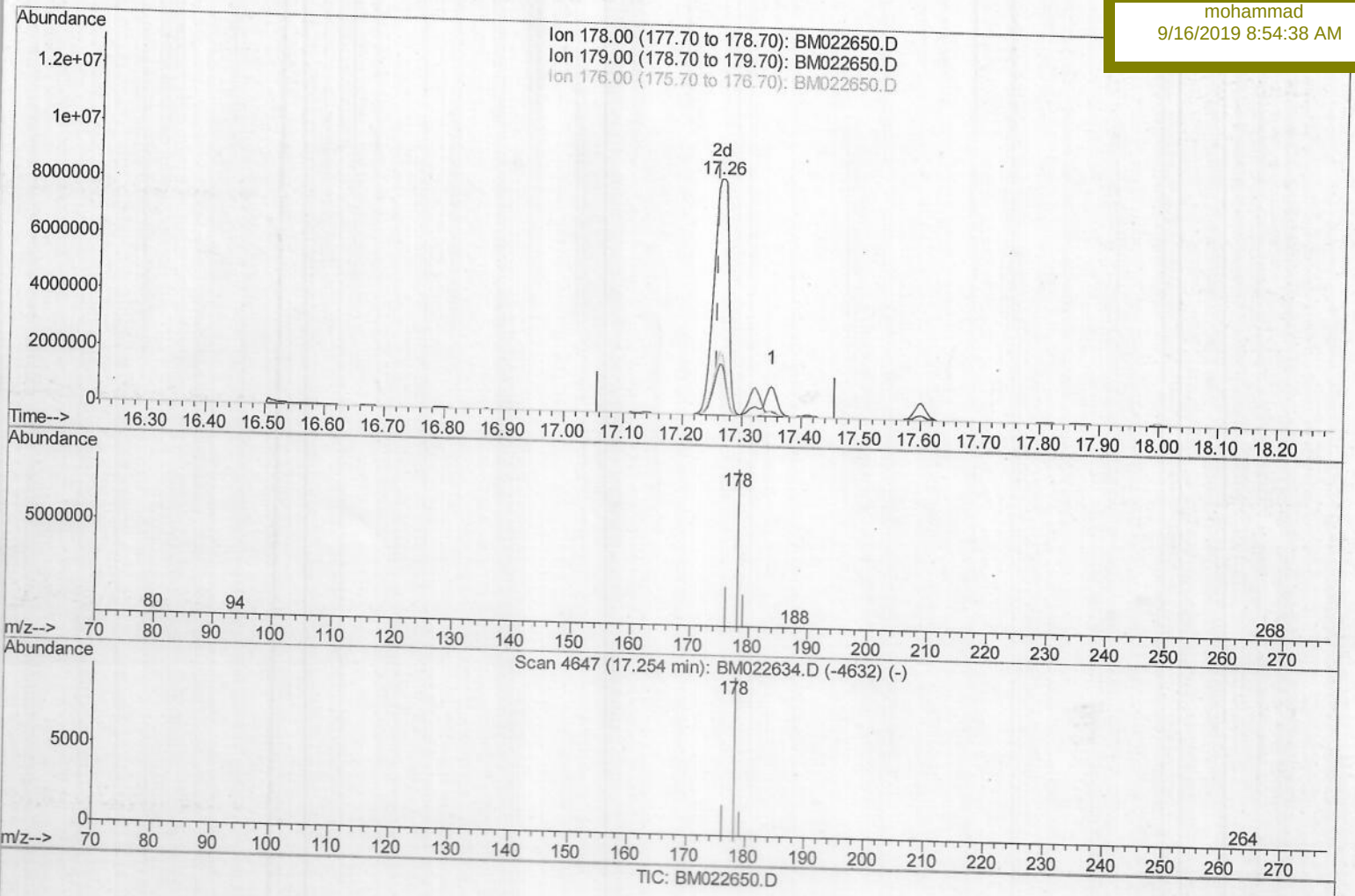
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



TIC: BM022650.D

(12) Phenanthrene

17.259min (+0.001) 35.98ng/ul m > JU 09/24/19

response 14836638

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	20.59#
176.00	19.10	25.54#
0.00	0.00	0.00

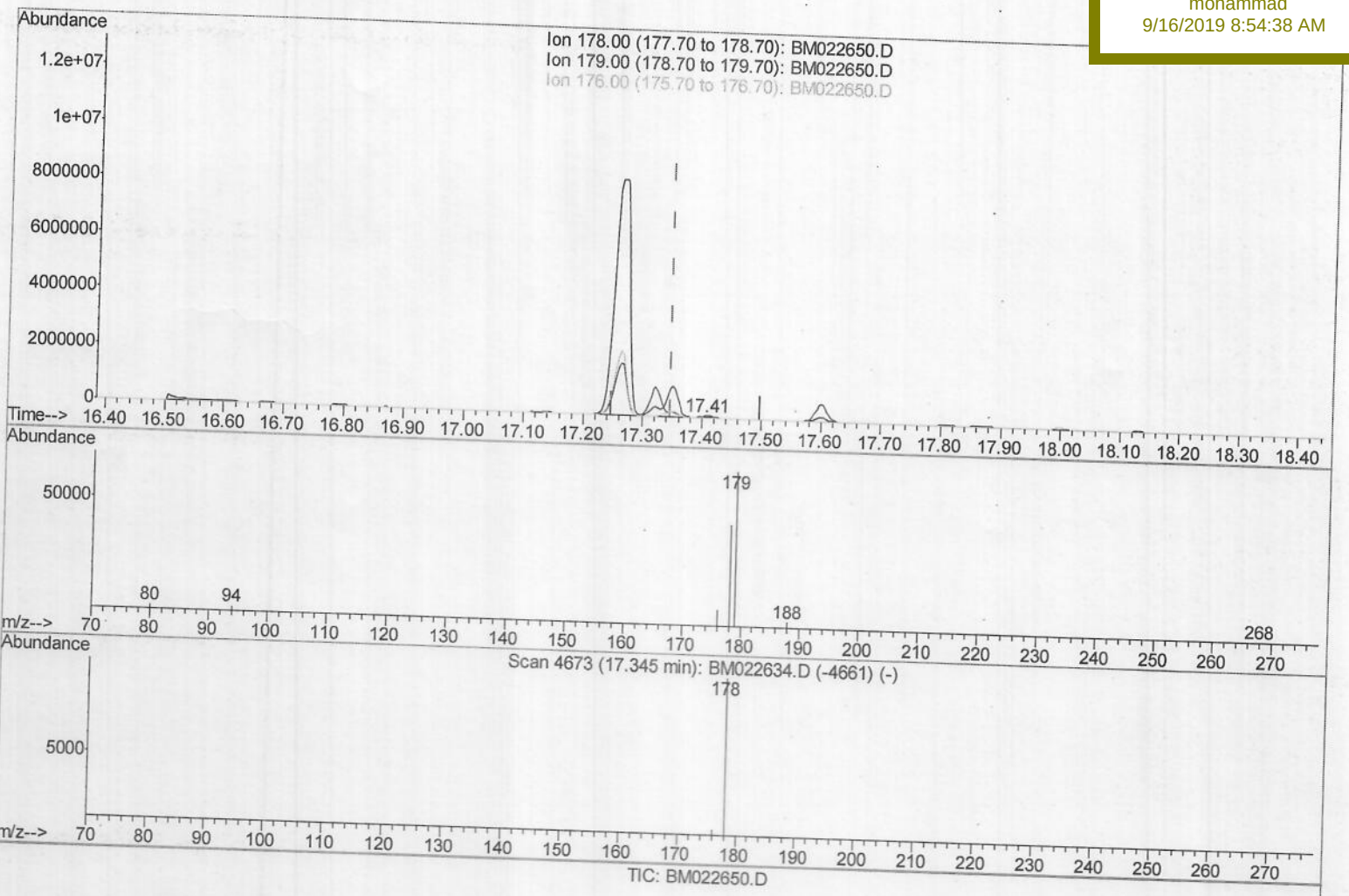
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



TIC: BM022650.D

(13) Anthracene

17.405min (+0.057) 0.17ng/ul

response 58539

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	152.46#
176.00	18.50	16.57
0.00	0.00	0.00

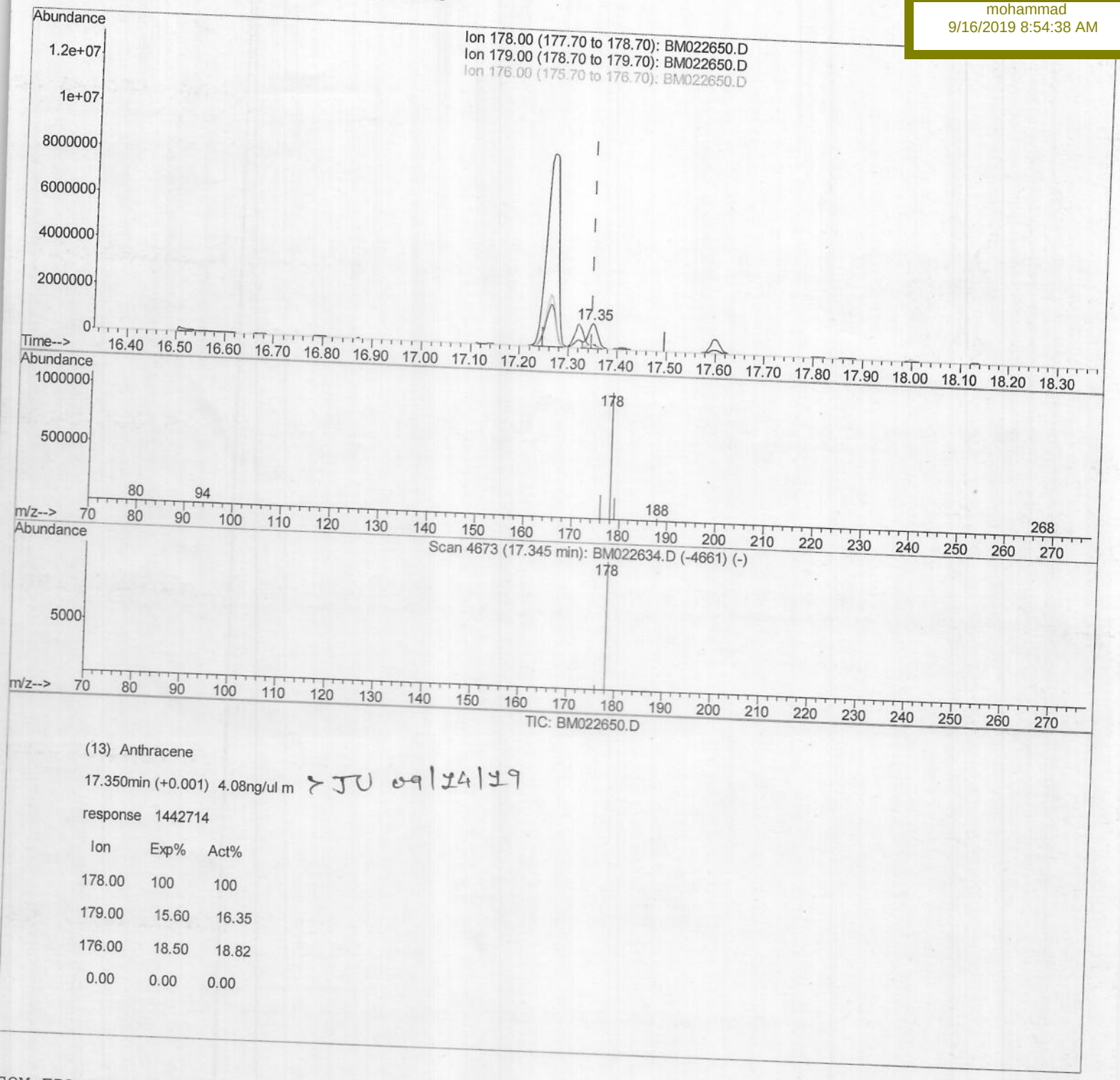
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(13) Anthracene

17.350min (+0.001) 4.08ng/ul m JU 09/24/19

response 1442714

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	16.35
176.00	18.50	18.82
0.00	0.00	0.00

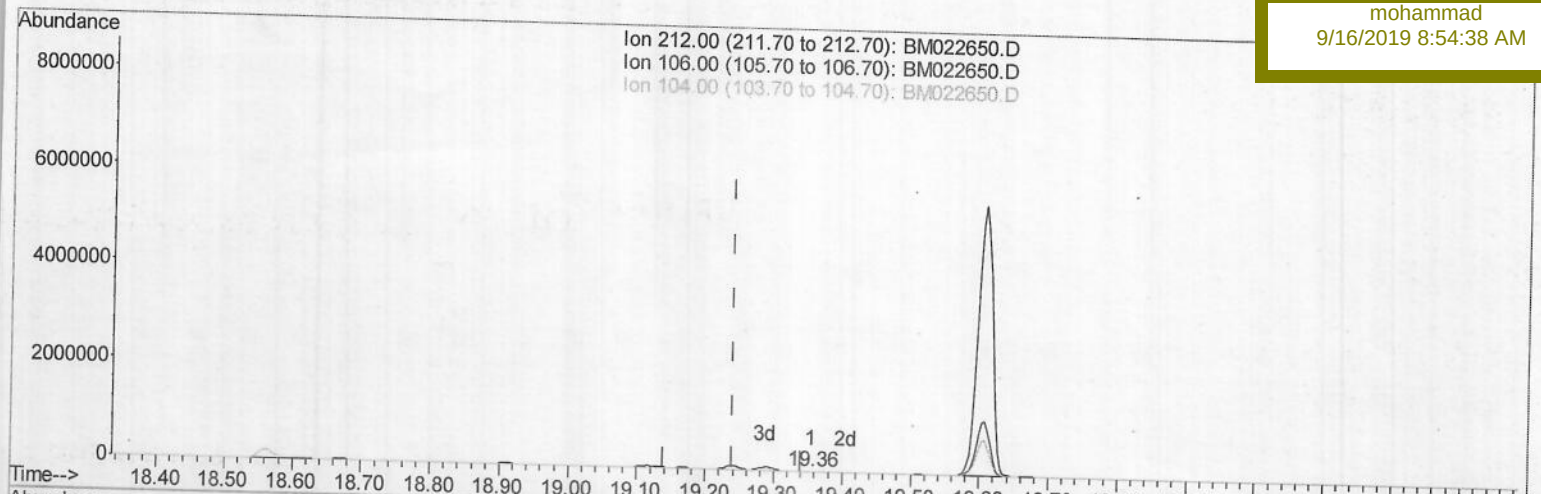
Quantitation Report (Qedit)

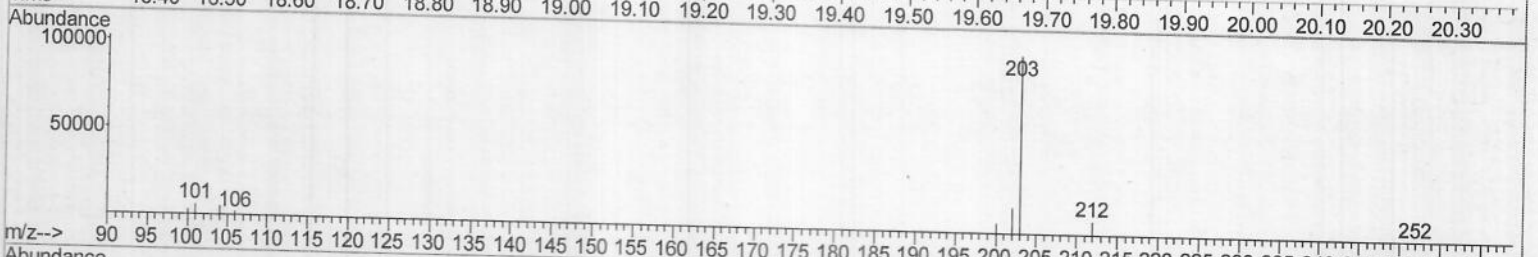
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

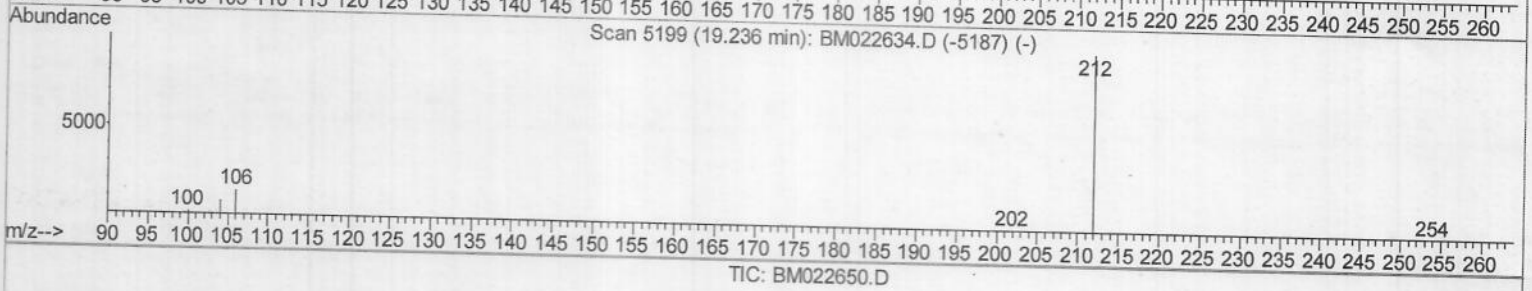
Quant Time: Sep 11 14:40:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM







(14) Fluoranthene-d10 (SURR)

19.356min (+0.116) 0.02ng/ul

response 6753

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	17.41#
0.00	0.00	0.00

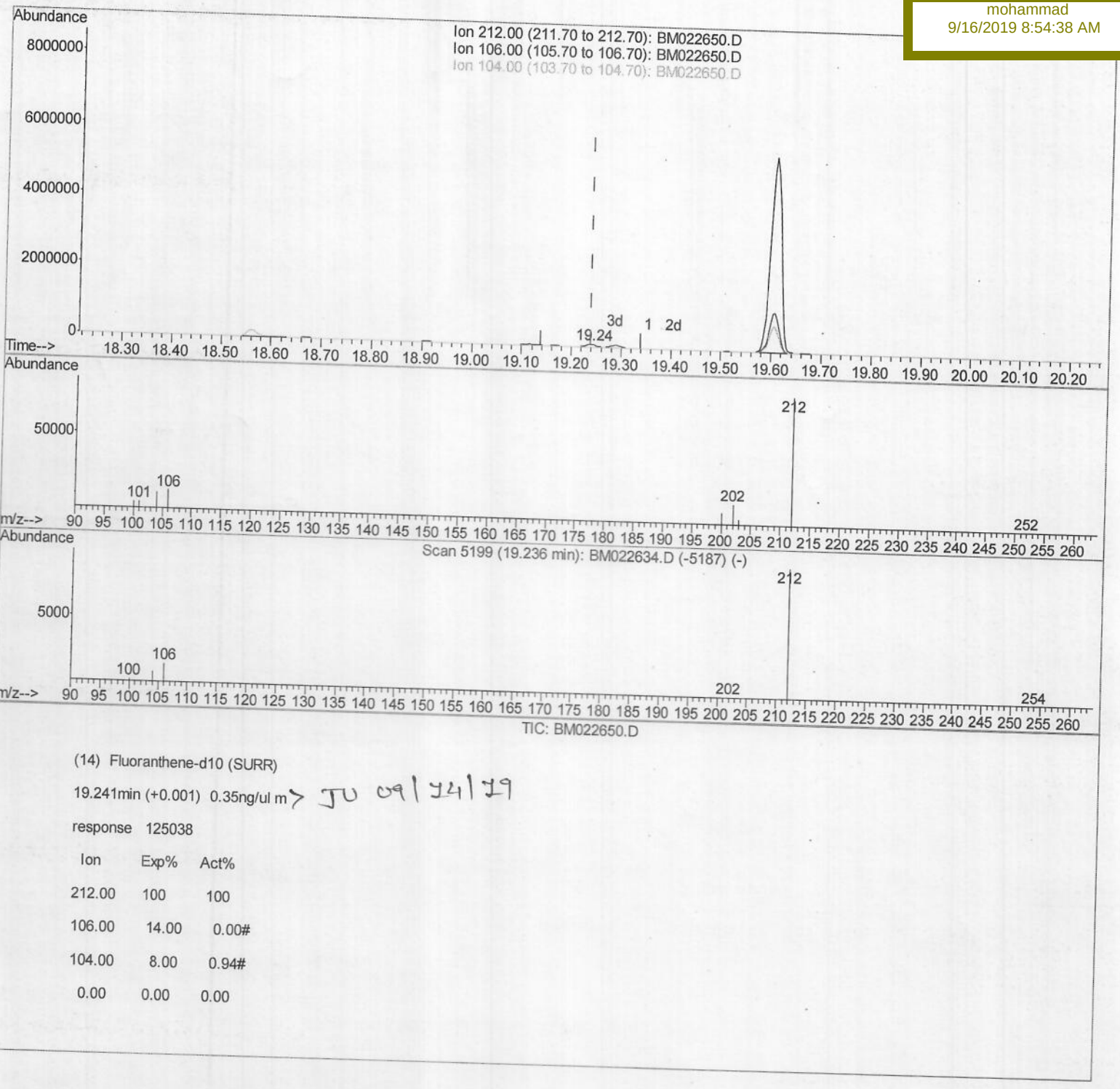
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(14) Fluoranthene-d10 (SURR)

19.241min (+0.001) 0.35ng/ul m> JU 09/24/19

response 125038

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	0.94#
0.00	0.00	0.00

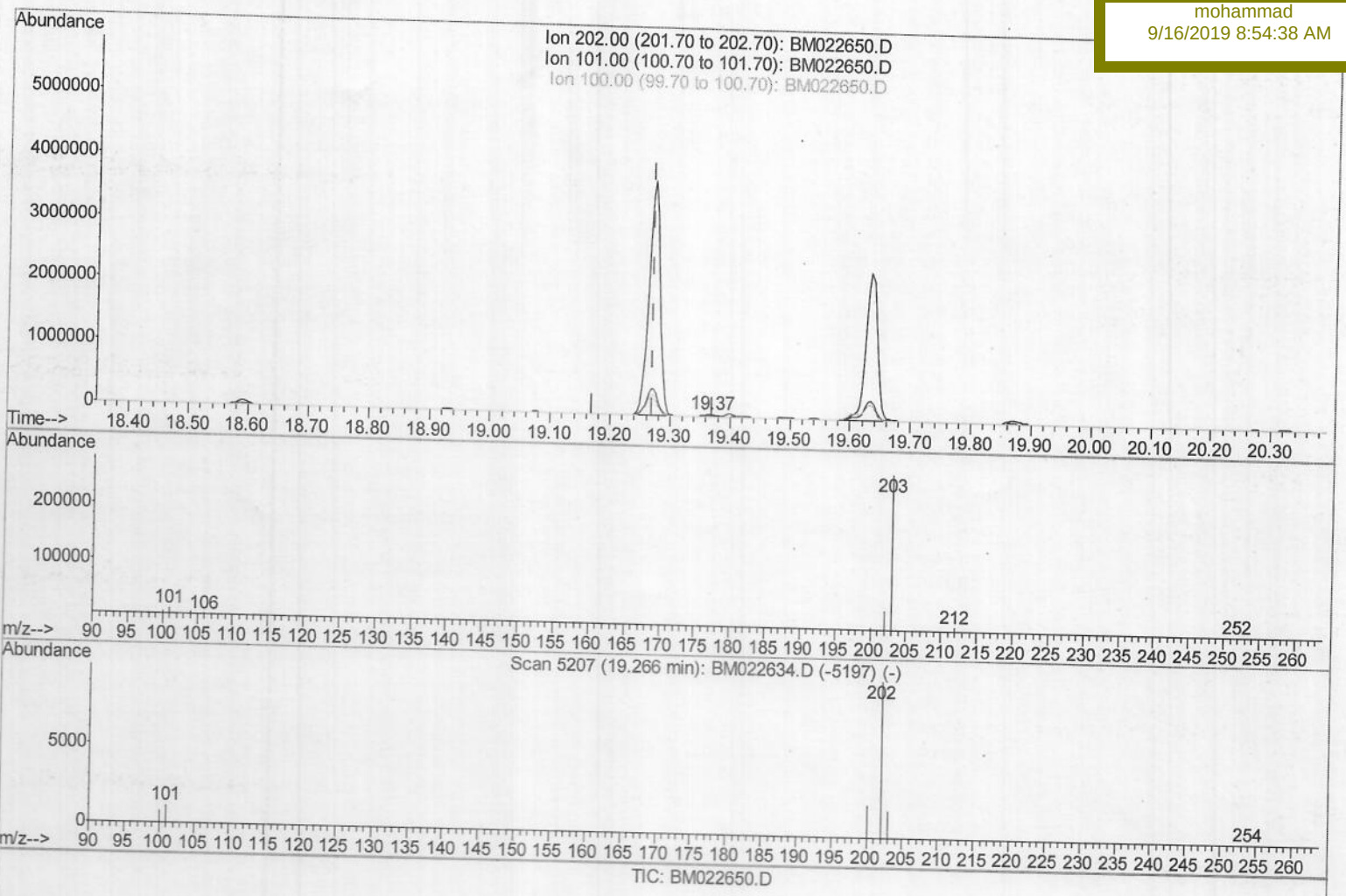
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(15) Fluoranthene (C)

19.367min (+0.097) 0.08ng/ul

response 37704

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	29.77
100.00	8.00	12.19
0.00	0.00	0.00

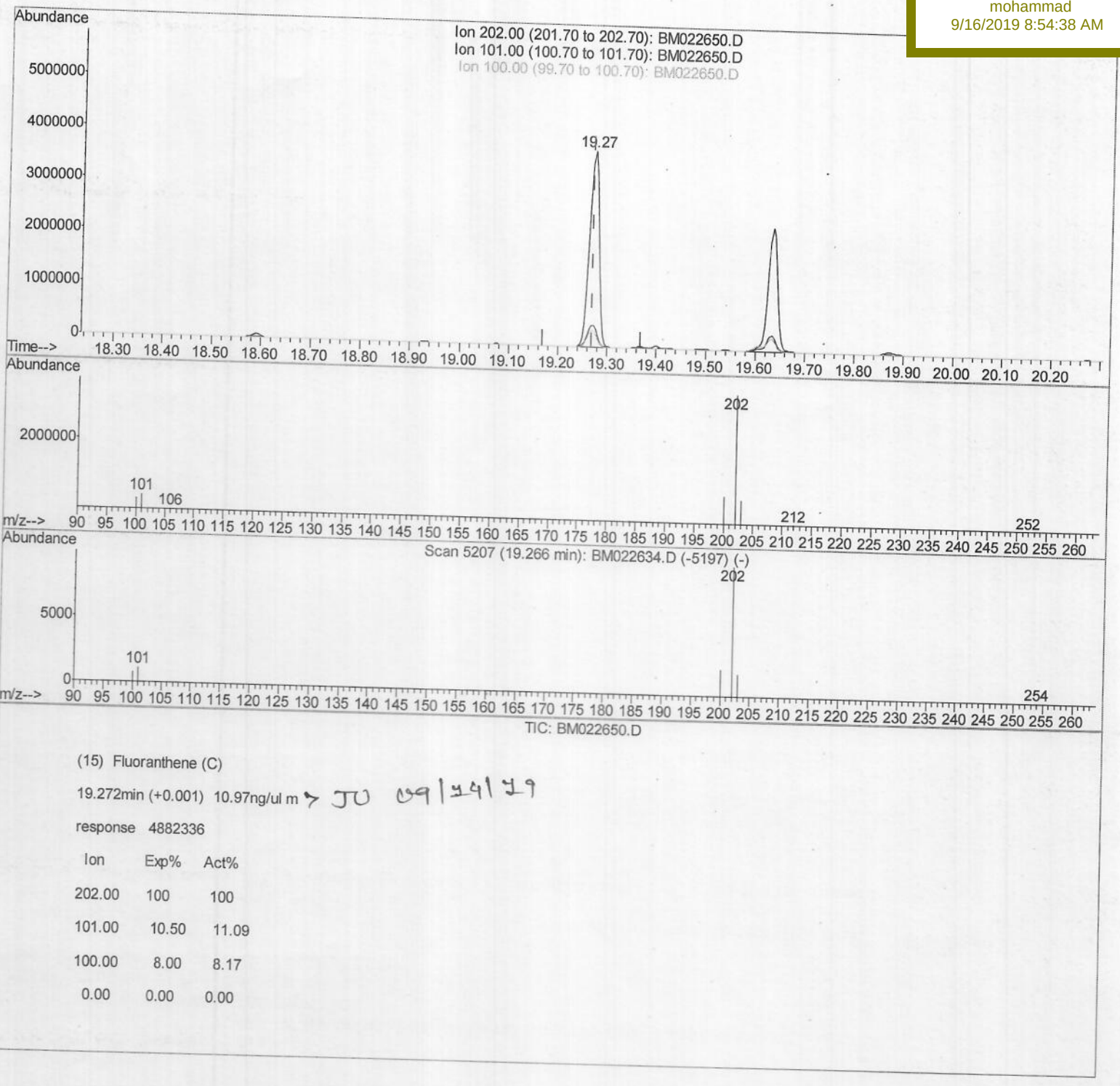
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(15) Fluoranthene (C)

19.272min (+0.001) 10.97ng/ul m > JU 09/24/19

response 4882336

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	11.09
100.00	8.00	8.17
0.00	0.00	0.00

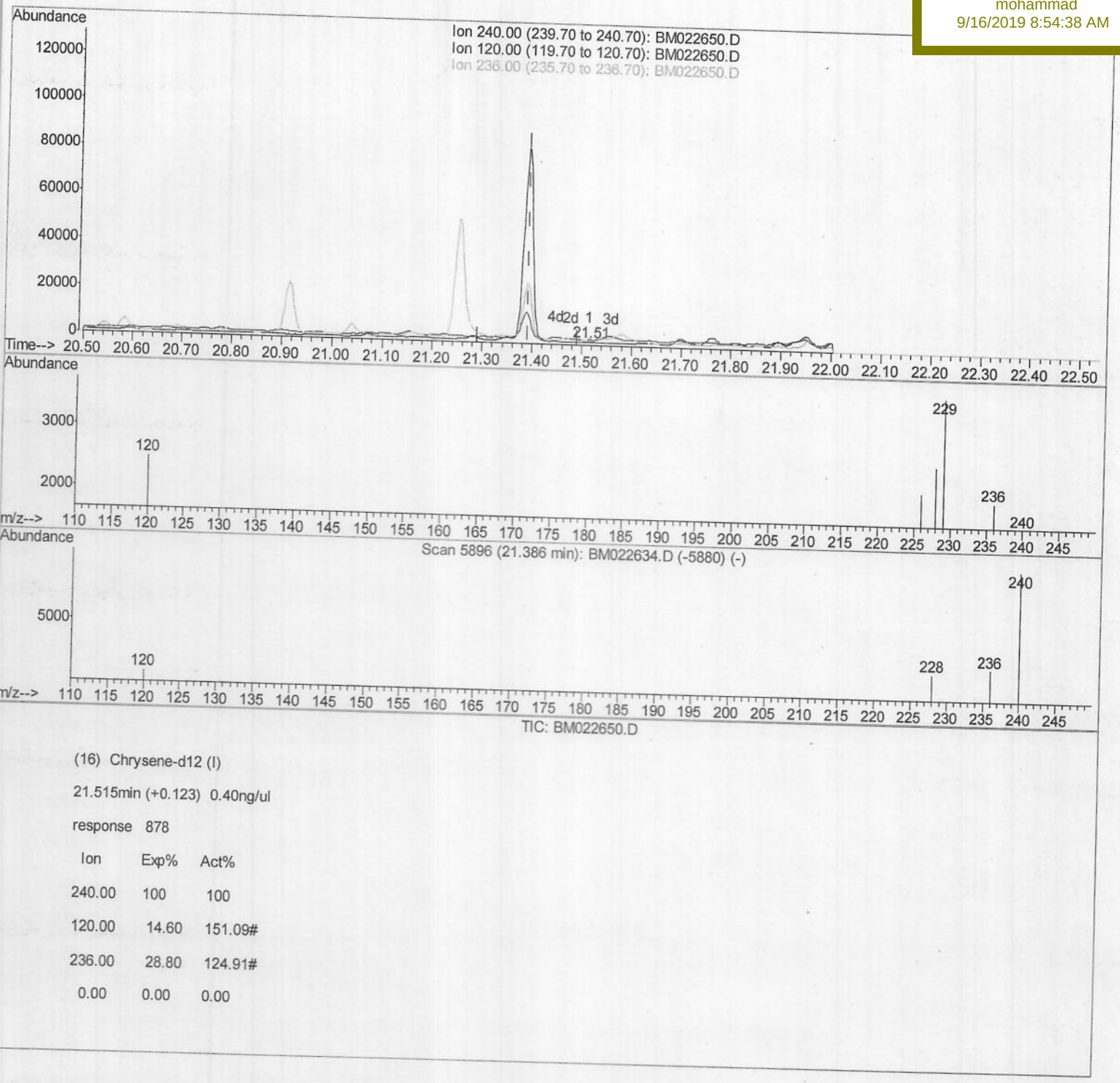
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(16) Chrysene-d12 (I)

21.515min (+0.123) 0.40ng/ul

response 878

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	151.09#
236.00	28.80	124.91#
0.00	0.00	0.00

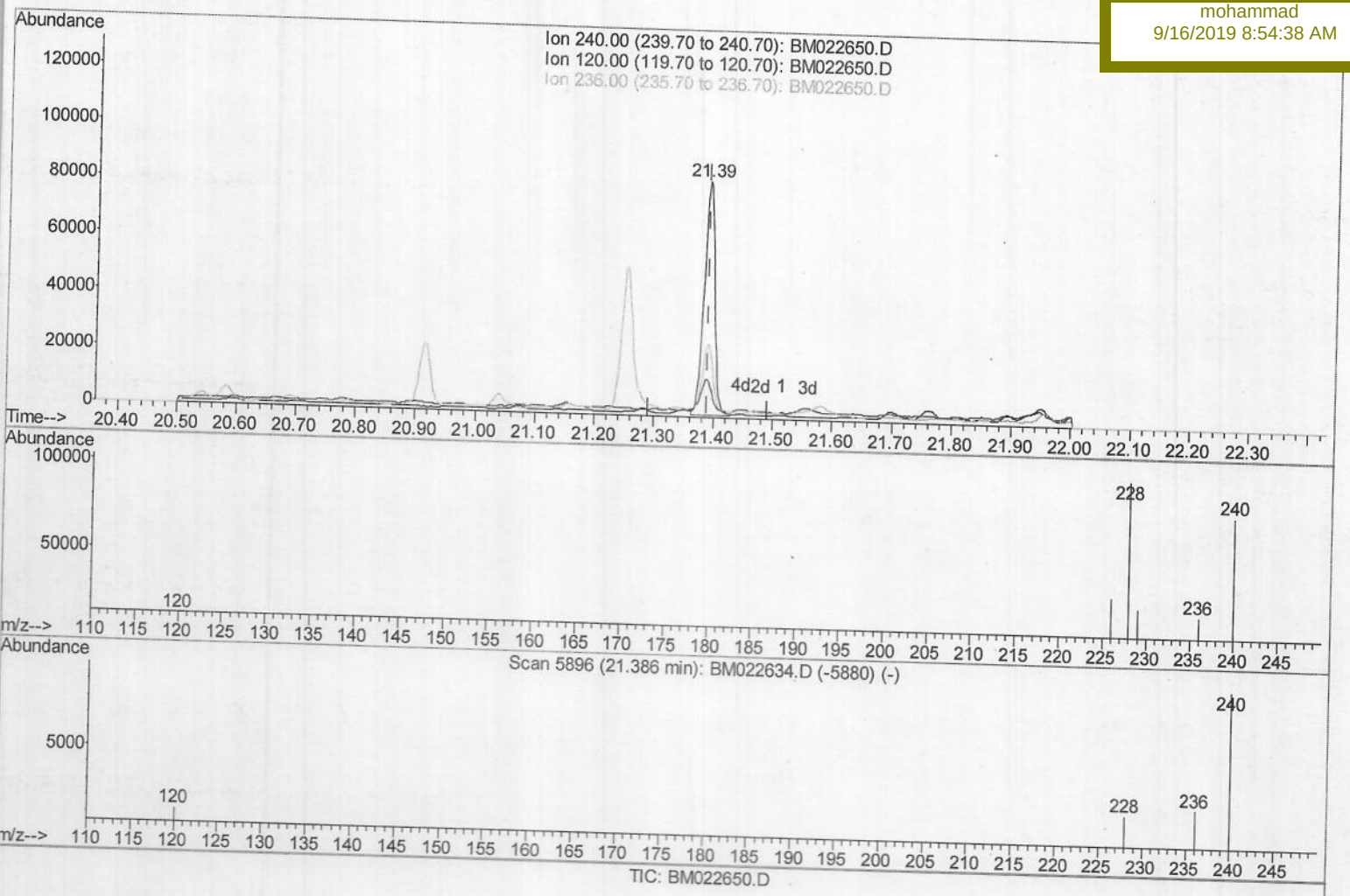
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:40:27 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



TIC: BM022650.D

(16) Chrysene-d12 (I)

21.389min (-0.002) 0.40ng/ul m > JU 09/14/19

response 101962

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	16.02
236.00	28.80	30.95
0.00	0.00	0.00

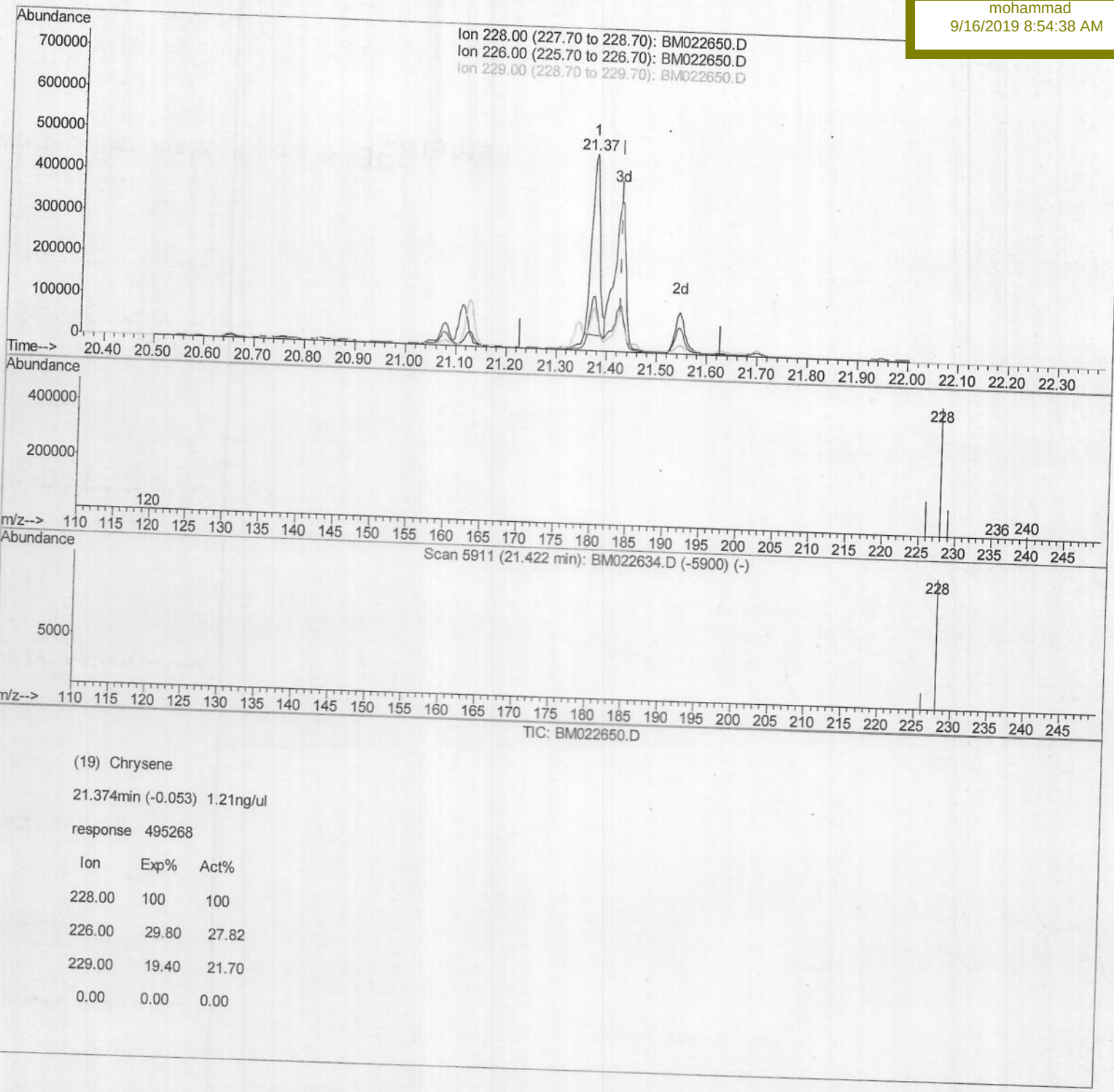
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:42:33 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(19) Chrysene

21.374min (-0.053) 1.21ng/ul

response 495268

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	27.82
229.00	19.40	21.70
0.00	0.00	0.00

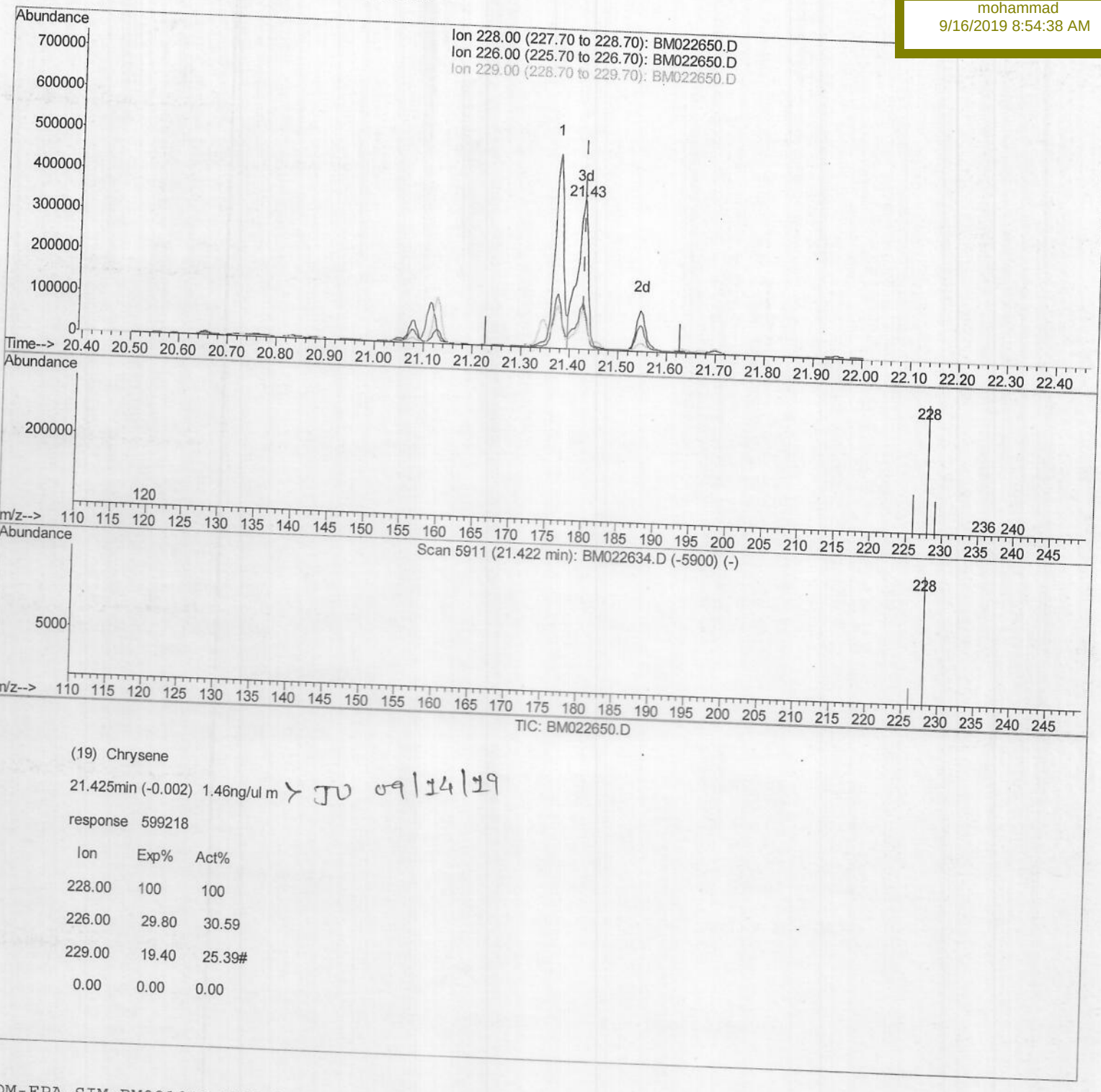
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:42:33 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(19) Chrysene

21.425min (-0.002) 1.46ng/ul m JU 09/14/19

response 599218

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	30.59
229.00	19.40	25.39#
0.00	0.00	0.00

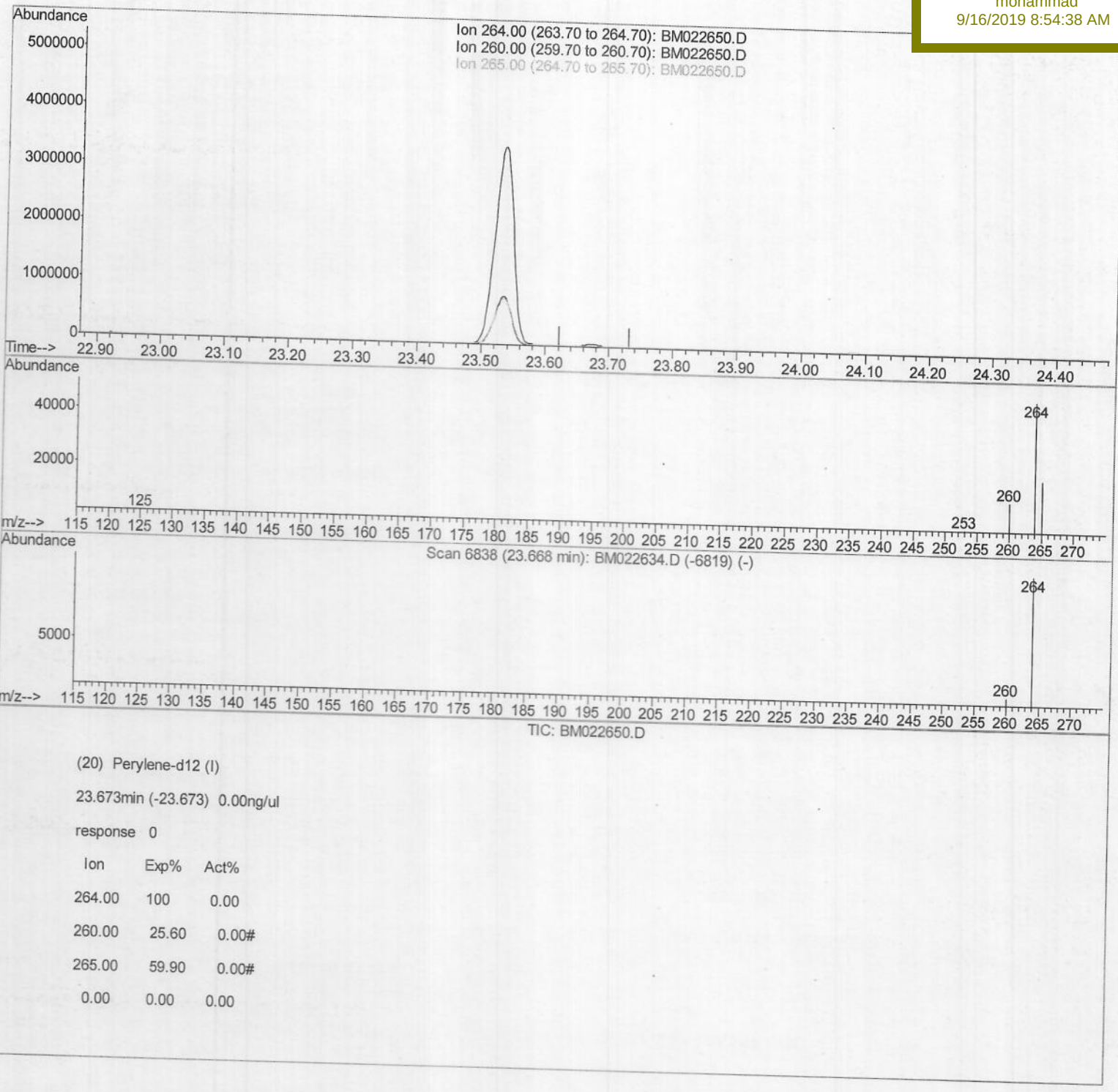
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:42:33 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(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

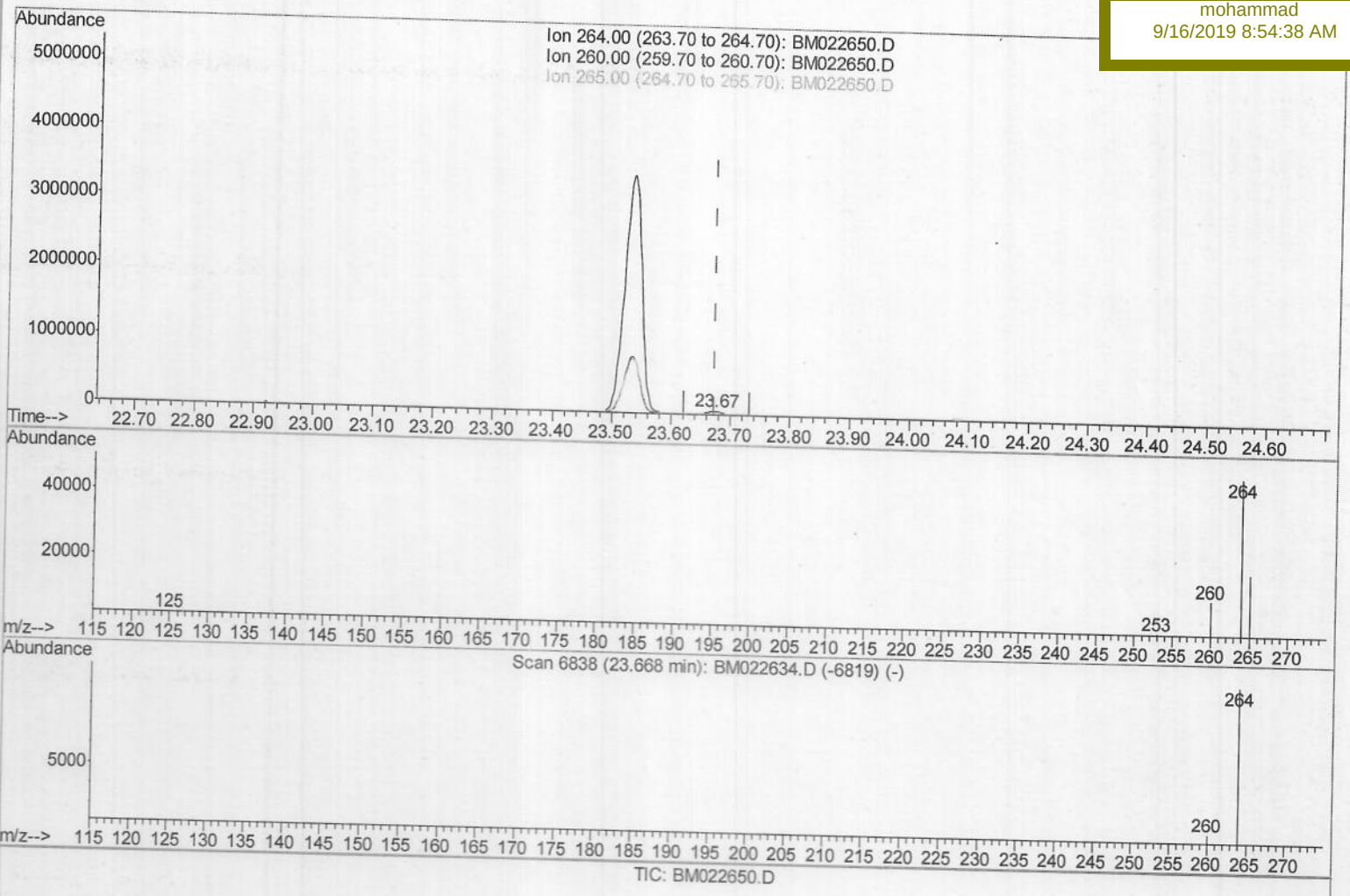
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:42:33 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(20) Perylene-d12 (I)

23.673min (+0.000) 0.40ng/ul m > JU 09/14/19

response 82523

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.92
265.00	59.90	42.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:43:32 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM

TIC: BM022650.D

(21) Benzo(b)fluoranthene

22.985min (-0.002) 1.93ng/ul

response 691072

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	23.57
125.00	15.60	12.71
0.00	0.00	0.00

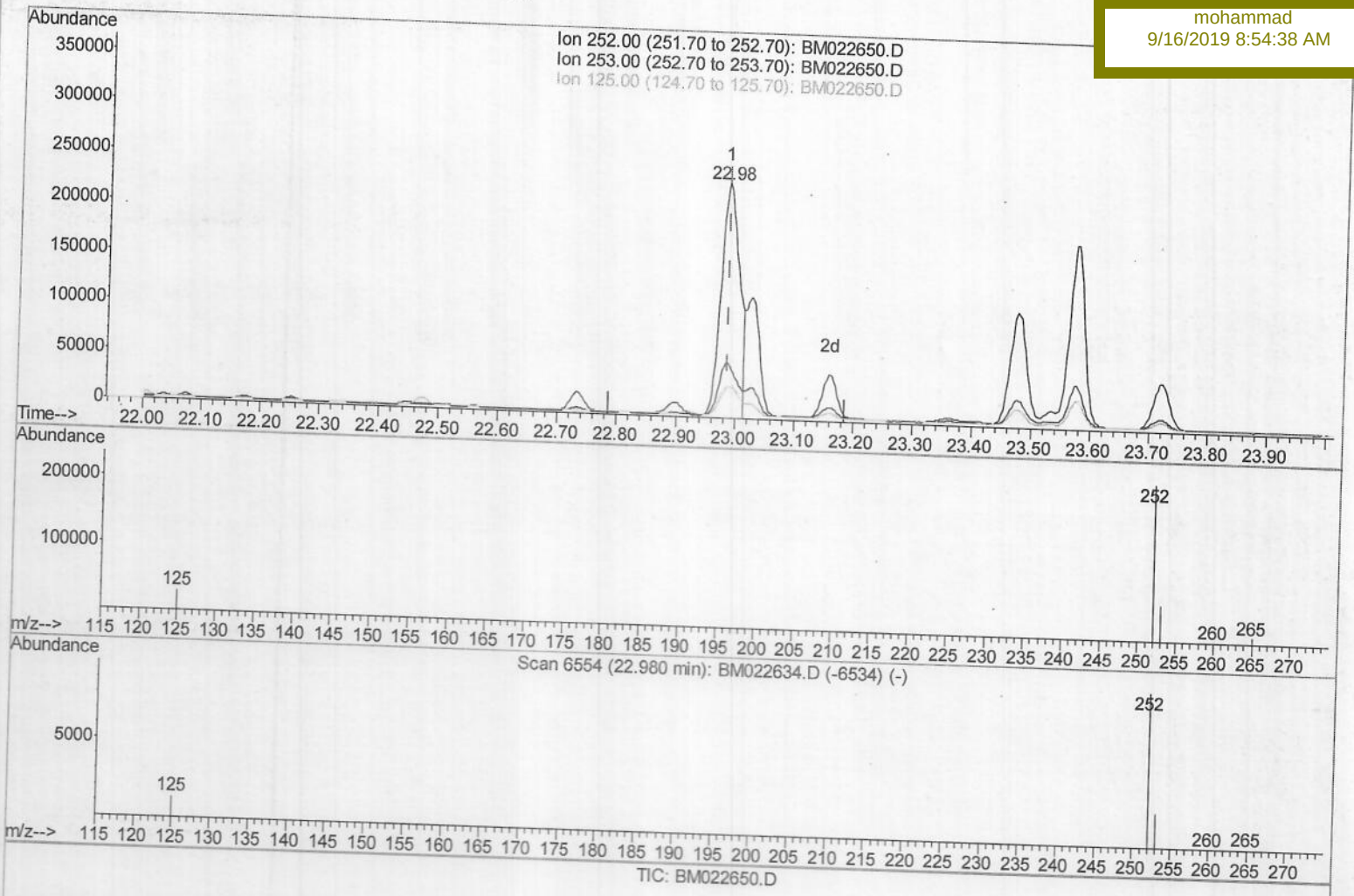
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:43:32 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM



(21) Benzo(b)fluoranthene

22.985min (-0.002) 1.42ng/ul m JU 09/14/19

response 507915

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	23.57
125.00	15.60	12.71
0.00	0.00	0.00

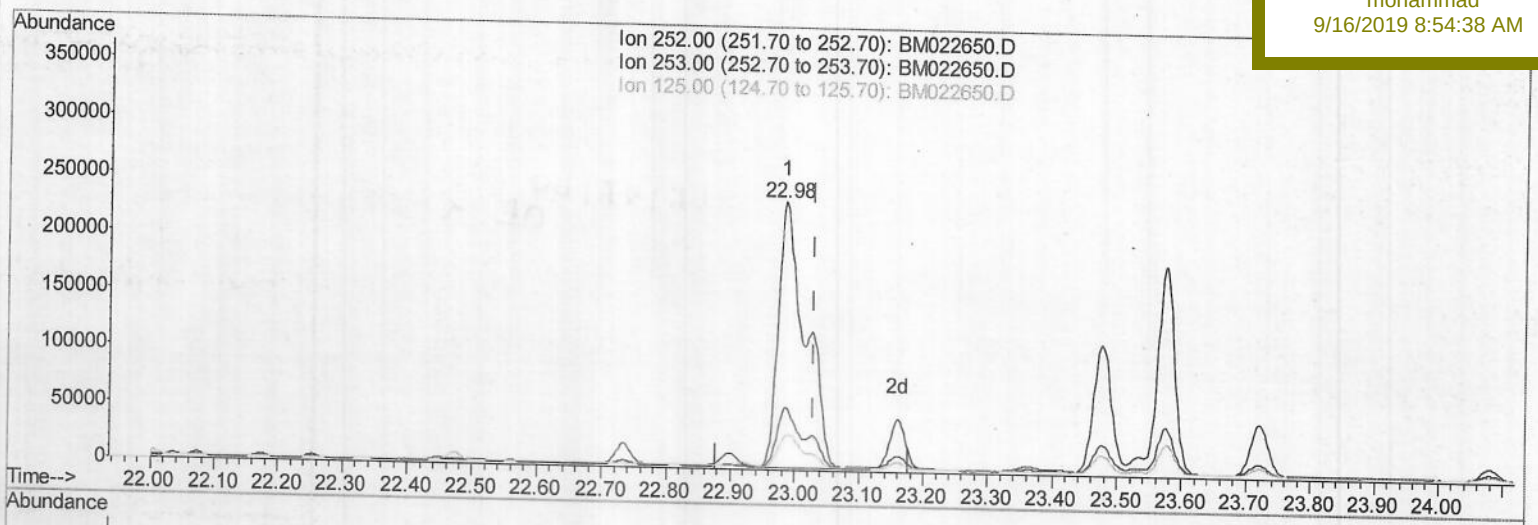
Quantitation Report (Qedit)

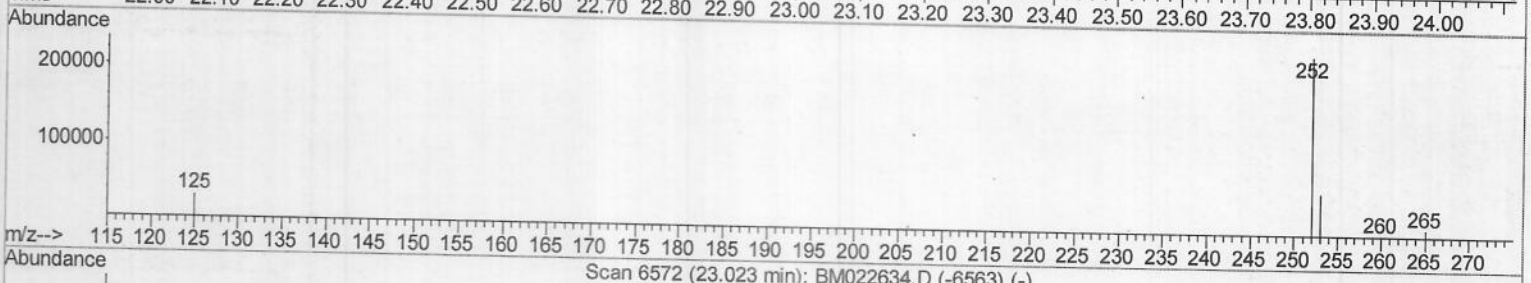
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

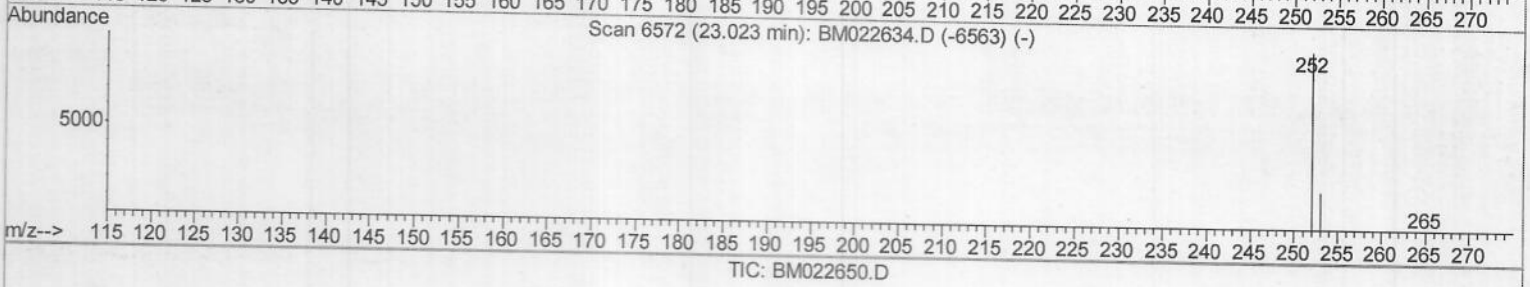
Quant Time: Sep 11 14:43:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM







TIC: BM022650.D

(22) Benzo(k)fluoranthene

22.985min (-0.044) 1.89ng/ul

response 691210

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	23.57
125.00	14.00	12.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:43:32 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 :
BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM

(22) Benzo(k)fluoranthene

23.026min (-0.002) 0.55ng/ul m > JU 09/24/19

response 201778

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	25.30
125.00	14.00	12.34
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022650.D
Acq On : 11 Sep 2019 10:49
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 11 14:47:25 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 : BF568

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:38 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	22618	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	83976	0.40	ng/ul	0.03
6) Acenaphthene-d10	14.48	164	90231	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	129423m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	101962m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	82523m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	45873	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	125038m	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	61110499	255.398	ng/ul#	91
5) 2-Methylnaphthalene	12.31	142	29748342	181.350	ng/ul	91
7) Acenaphthylene	14.20	152	1417751	3.394	ng/ul#	96
8) Acenaphthene	14.55	153	15004113	42.911	ng/ul	91
9) Fluorene	15.53	166	11390206	28.431	ng/ul	98
11) Pentachlorophenol	16.87	266	3073m	0.117	ng/ul	
12) Phenanthrene	17.26	178	14836638m	35.982	ng/ul	
13) Anthracene	17.35	178	1442714m	4.078	ng/ul	
15) Fluoranthene	19.27	202	4882336m	10.972	ng/ul	
17) Pyrene	19.63	202	3096578	6.699	ng/ul	99
18) Benzo(a)anthracene	21.37	228	590584	1.513	ng/ul	98
19) Chrysene	21.43	228	599218m	1.460	ng/ul	
21) Benzo(b)fluoranthene	22.98	252	507915m	1.417	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	201778m	0.552	ng/ul	
23) Benzo(a)pyrene	23.58	252	325774	1.038	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.98	276	106737	0.279	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.99	278	28587	0.092	ng/ul#	83
26) Benzo(g,h,i)perylene	26.69	276	79802	0.262	ng/ul	99

JU 09/14/19

JU 09/14/19

JU 09/14/19

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