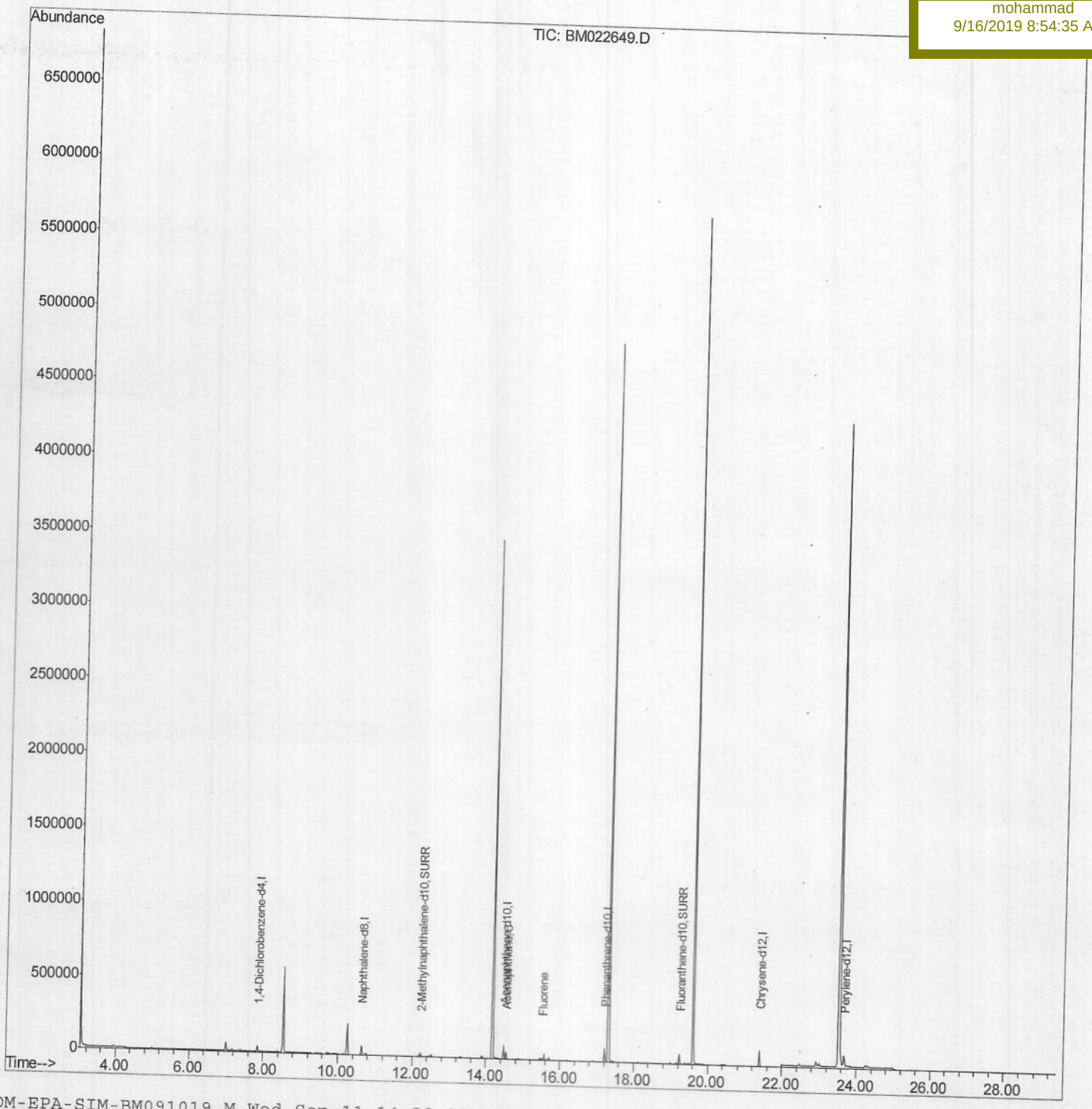
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:39:13 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



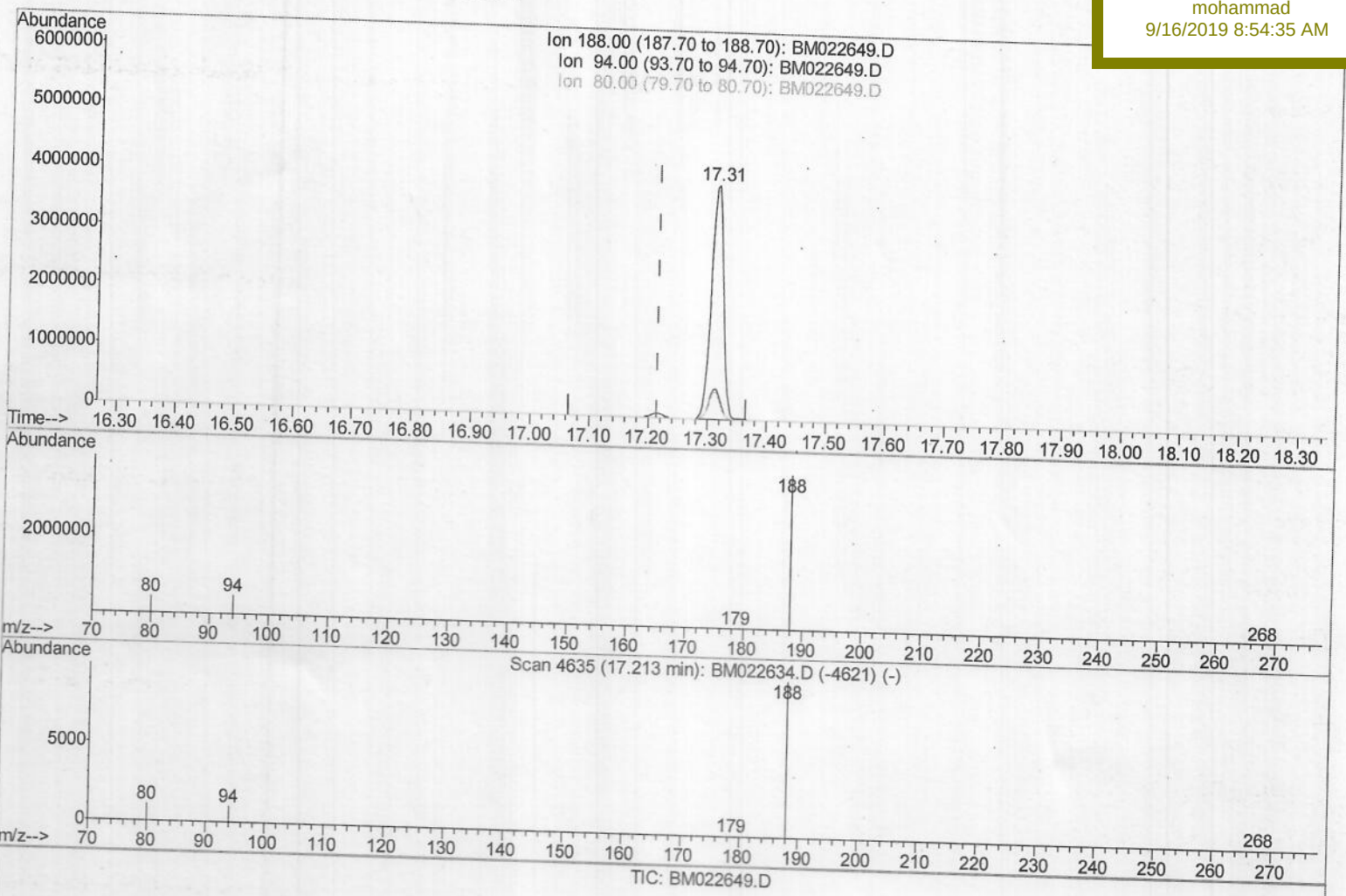
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:17:46 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



(10) Phenanthrene-d10 (I)

17.315min (+0.099) 0.40ng/ul

response 5531262

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	12.31#
80.00	11.00	10.78
0.00	0.00	0.00

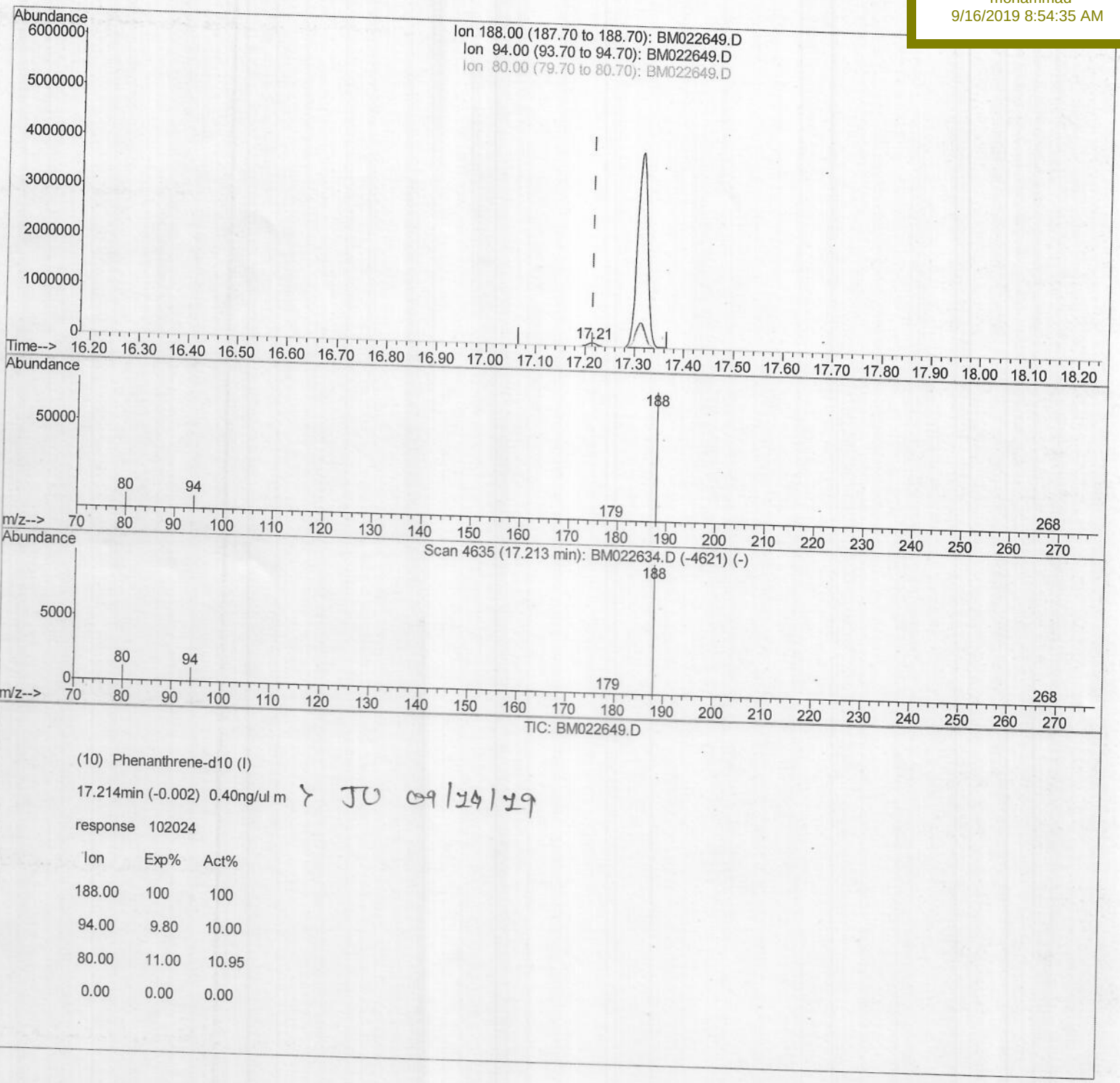
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:17:46 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



(10) Phenanthrene-d10 (I)

17.214min (-0.002) 0.40ng/ul m JU 09/24/19

response 102024

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	10.00
80.00	11.00	10.95
0.00	0.00	0.00

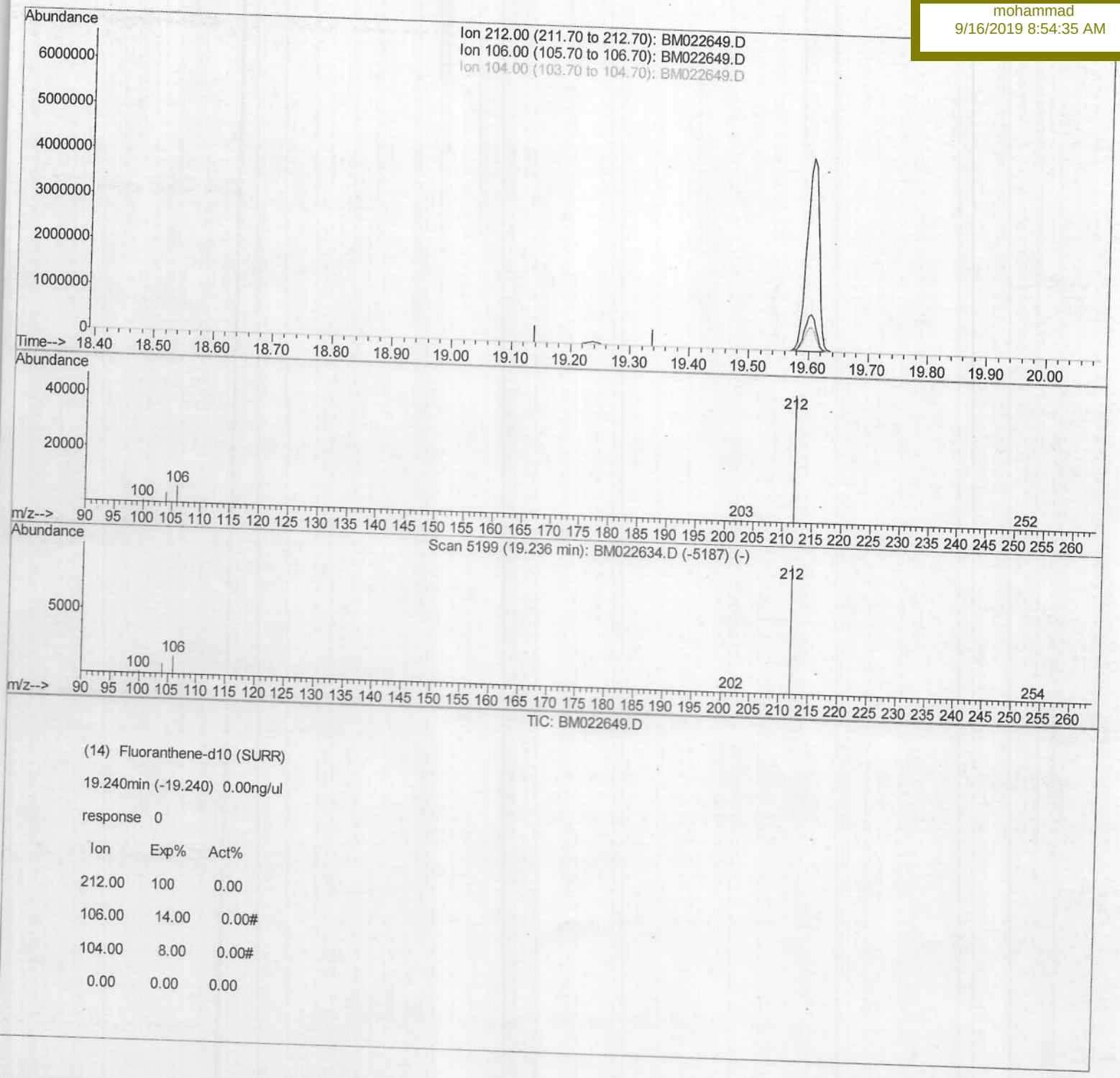
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:36:39 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



(14) Fluoranthene-d10 (SURR)

19.240min (-19.240) 0.00ng/ul

response 0

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

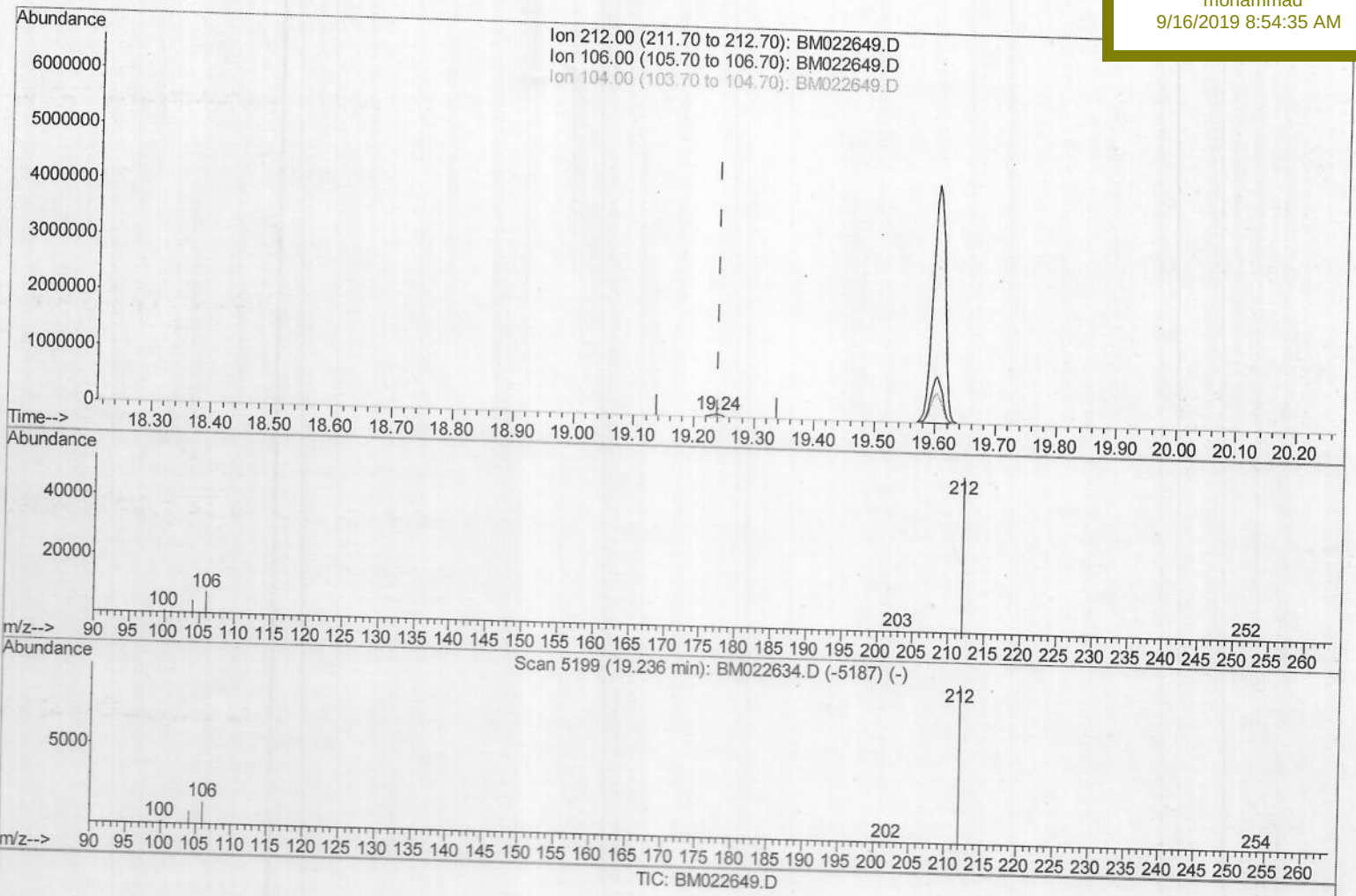
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:36:39 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



(14) Fluoranthene-d10 (SURR)

19.237min (-0.002) 0.25ng/ul m JU 09/14/19

response 70022

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

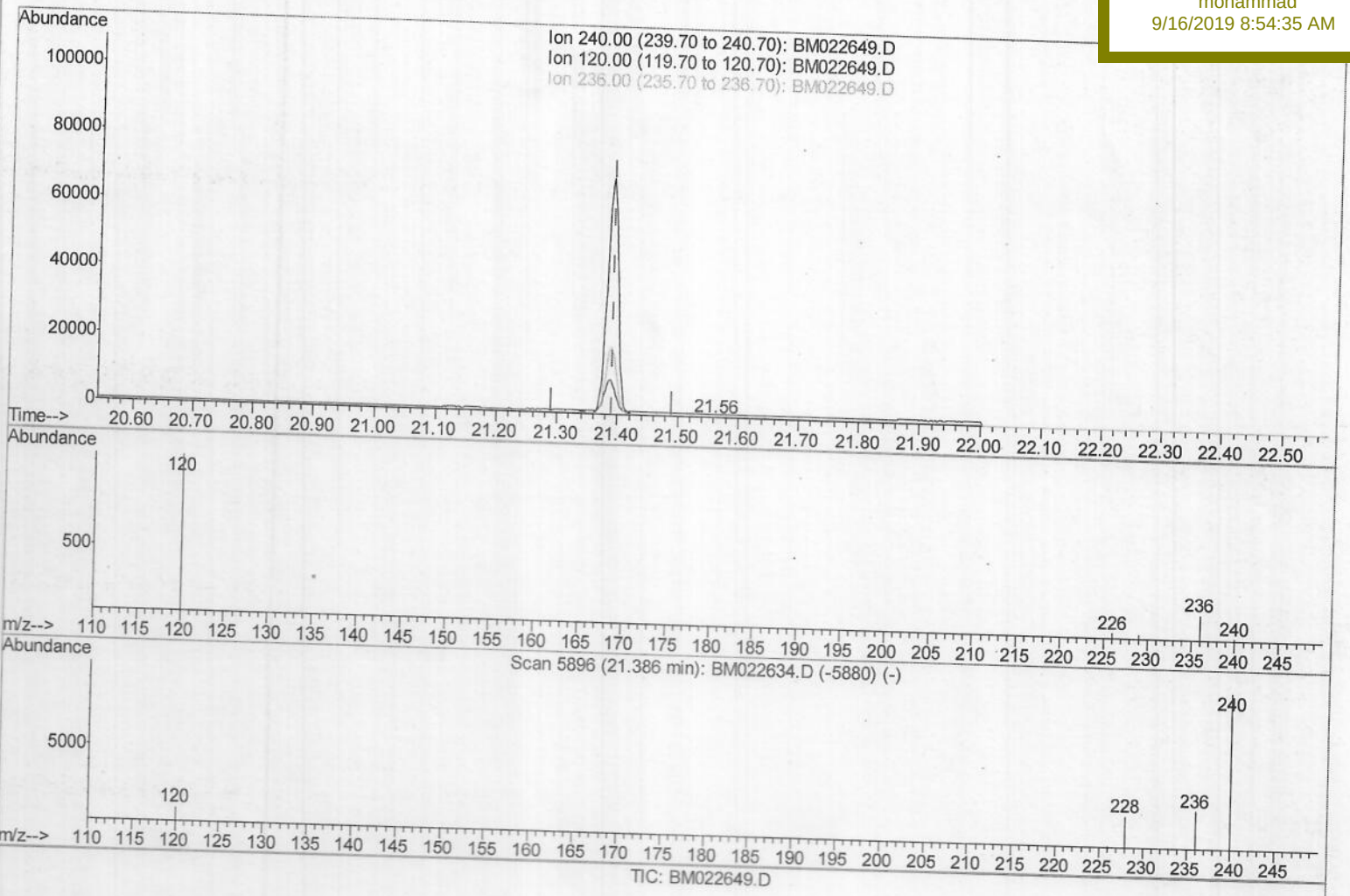
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:37:31 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



(16) Chrysene-d12 (I)

21.561min (+0.169) 0.40ng/ul

response 54

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	466.50#
236.00	28.80	154.50#
0.00	0.00	0.00

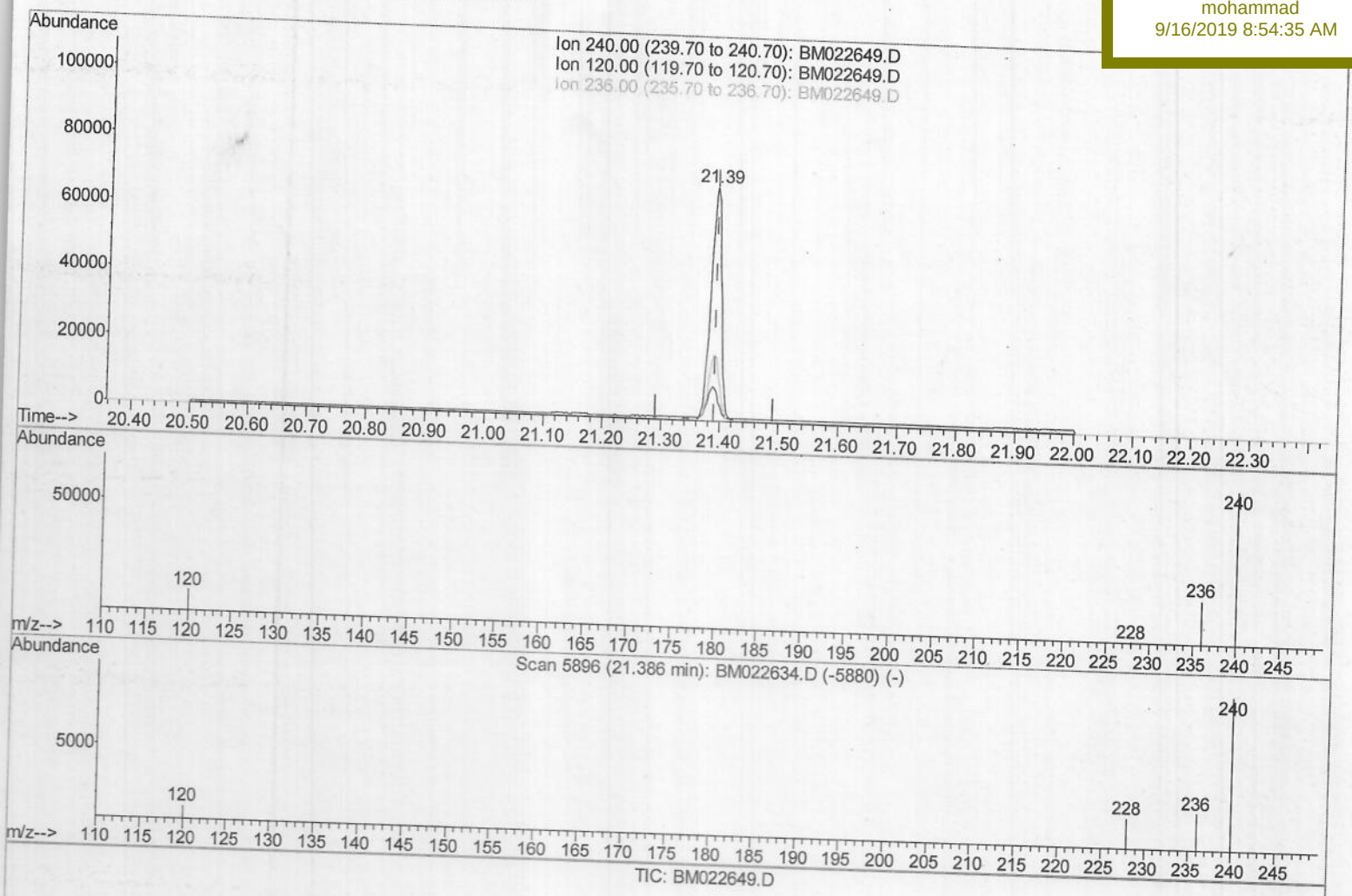
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:37:31 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



(16) Chrysene-d12 (I)

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

response 86826

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	13.98
236.00	28.80	28.37
0.00	0.00	0.00

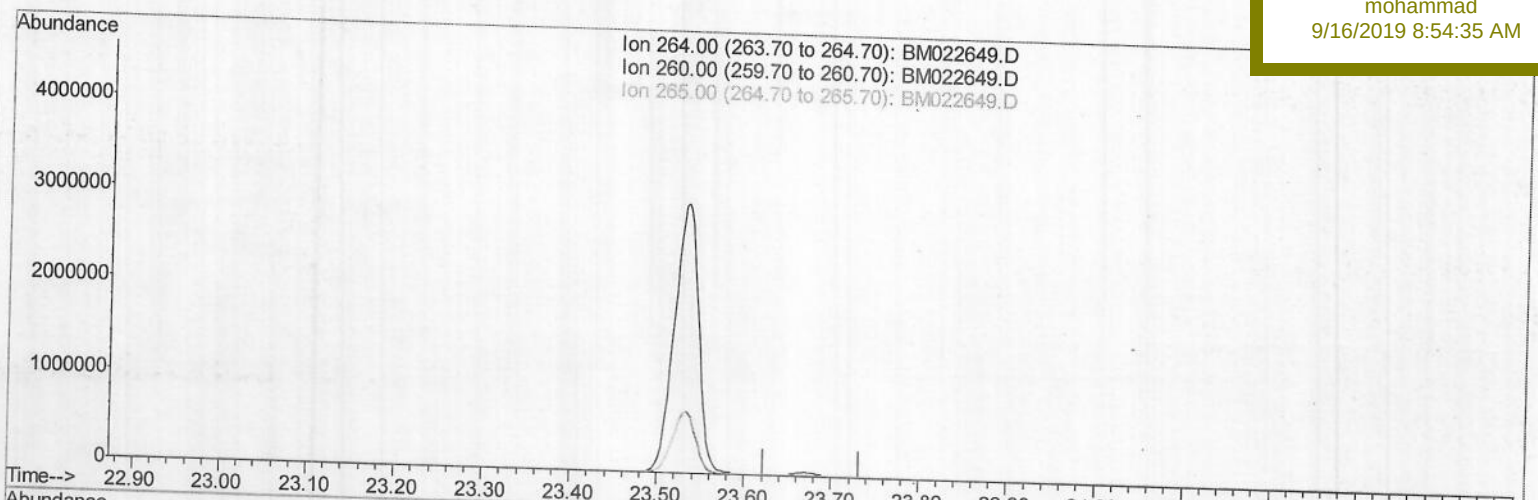
Quantitation Report (Qedit)

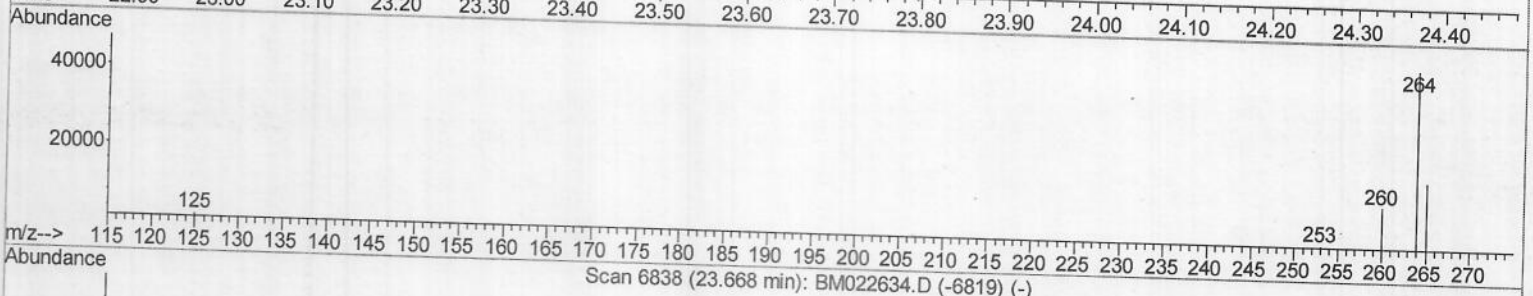
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

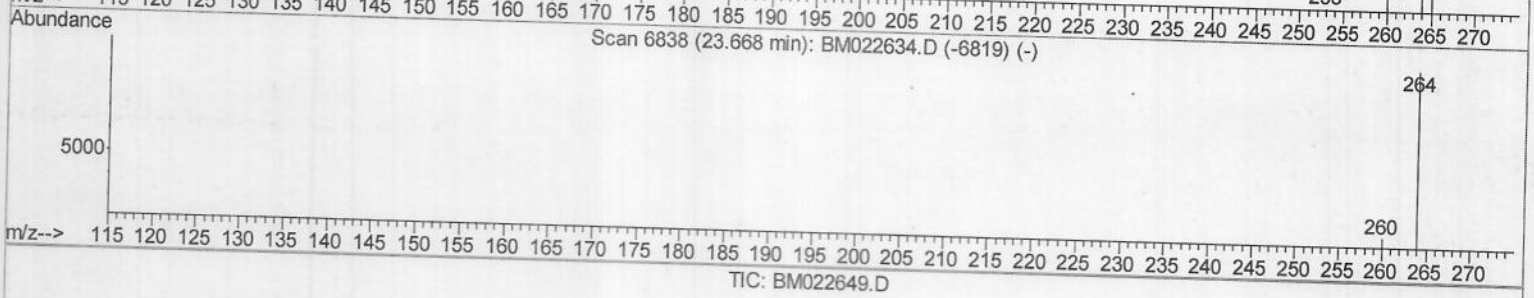
Quant Time: Sep 11 14:38:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 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

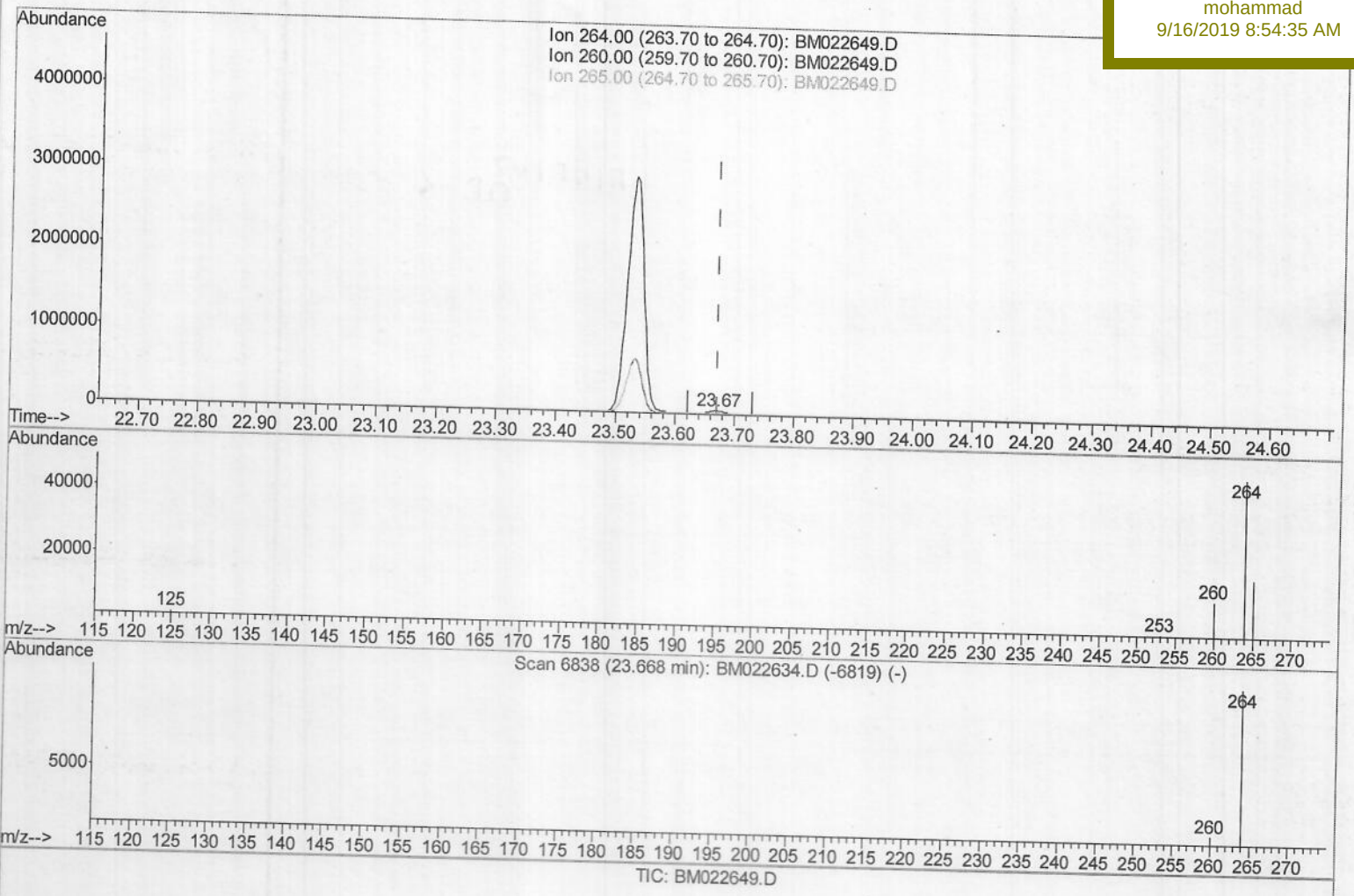
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:38:19 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 :
BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM



(20) Perylene-d12 (I)

23.670min (-0.002) 0.40ng/ul m JU 09/24/19

response 80121

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.17
265.00	59.90	38.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091019\
Data File : BM022649.D
Acq On : 11 Sep 2019 10:12
Operator : HP/JU
Sample : K4706-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 11 14:39:13 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 : BF567

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	18854	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	80616	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	45063	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	102024m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	86826m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	80121m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	28252	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	70022m	0.25	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.54	153	27747	0.159	ng/ul	100
9) Fluorene	15.52	166	5669	0.028	ng/ul#	98

JU 09/24/19

JU 09/24/19

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