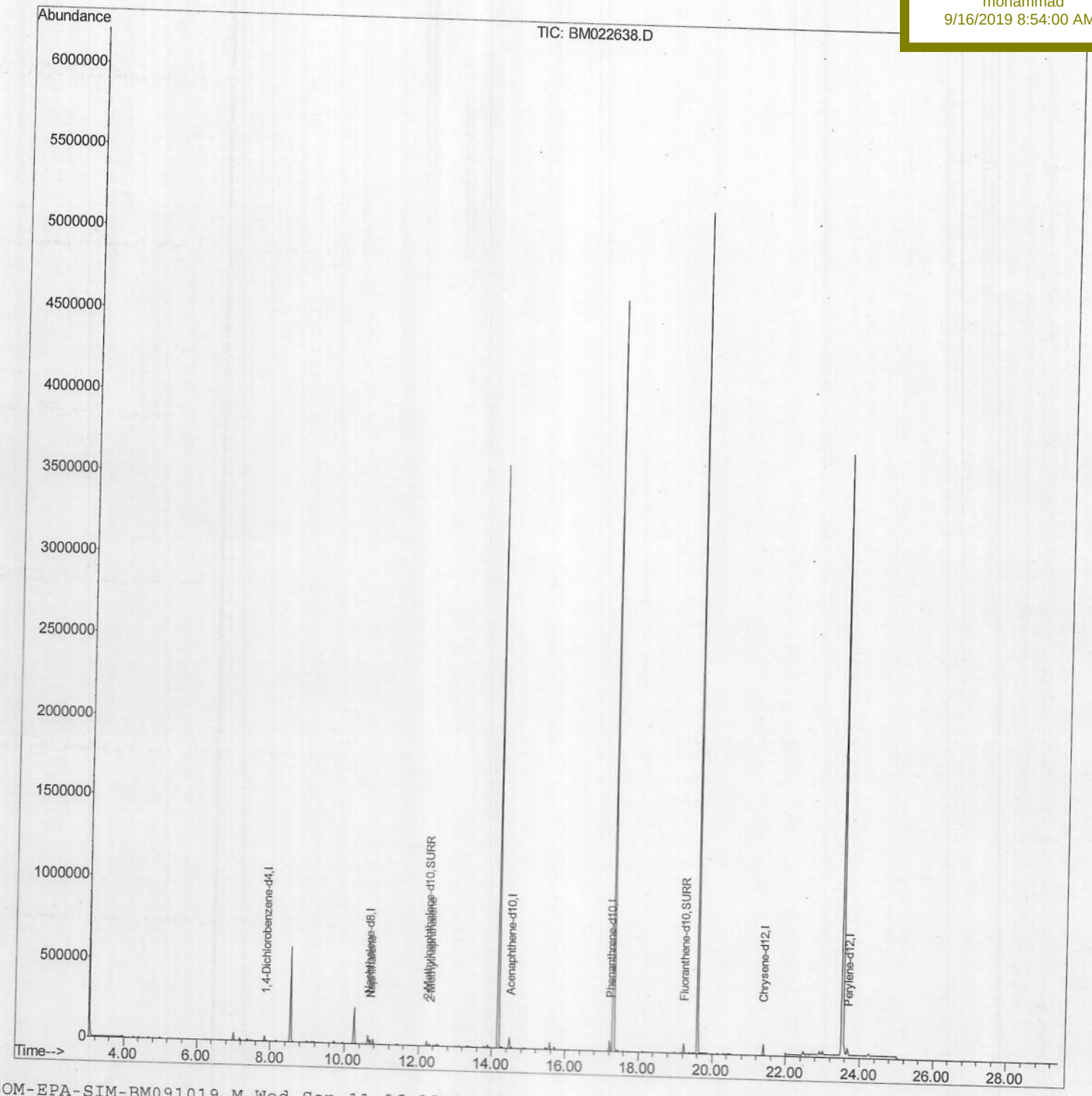
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 11 06:34:10 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 :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM



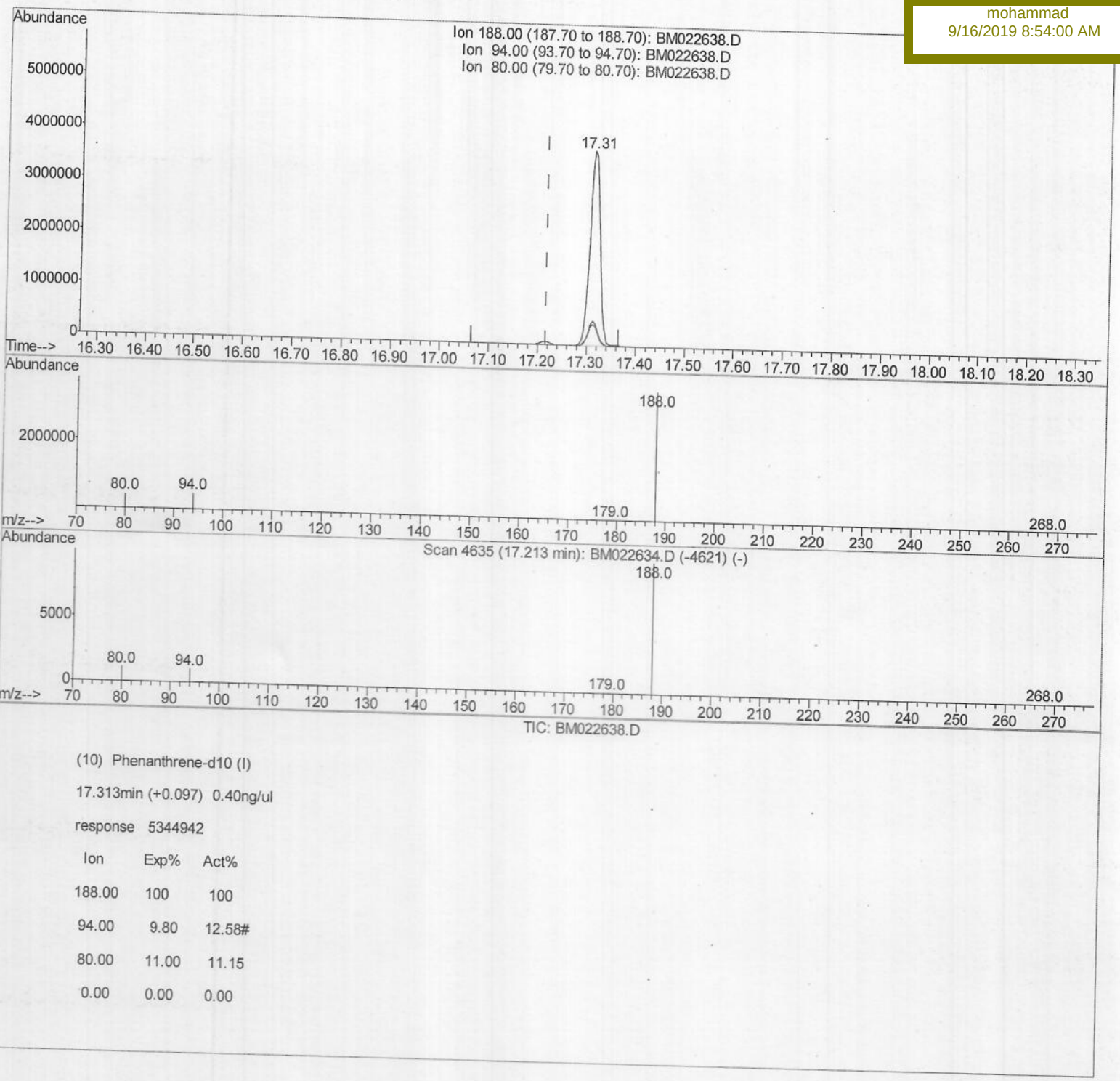
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 11 05:34:43 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 :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM



TIC: BM022638.D

(10) Phenanthrene-d10 (I)

17.313min (+0.097) 0.40ng/ul

response 5344942

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	12.58#
80.00	11.00	11.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 11 05:34:43 2019
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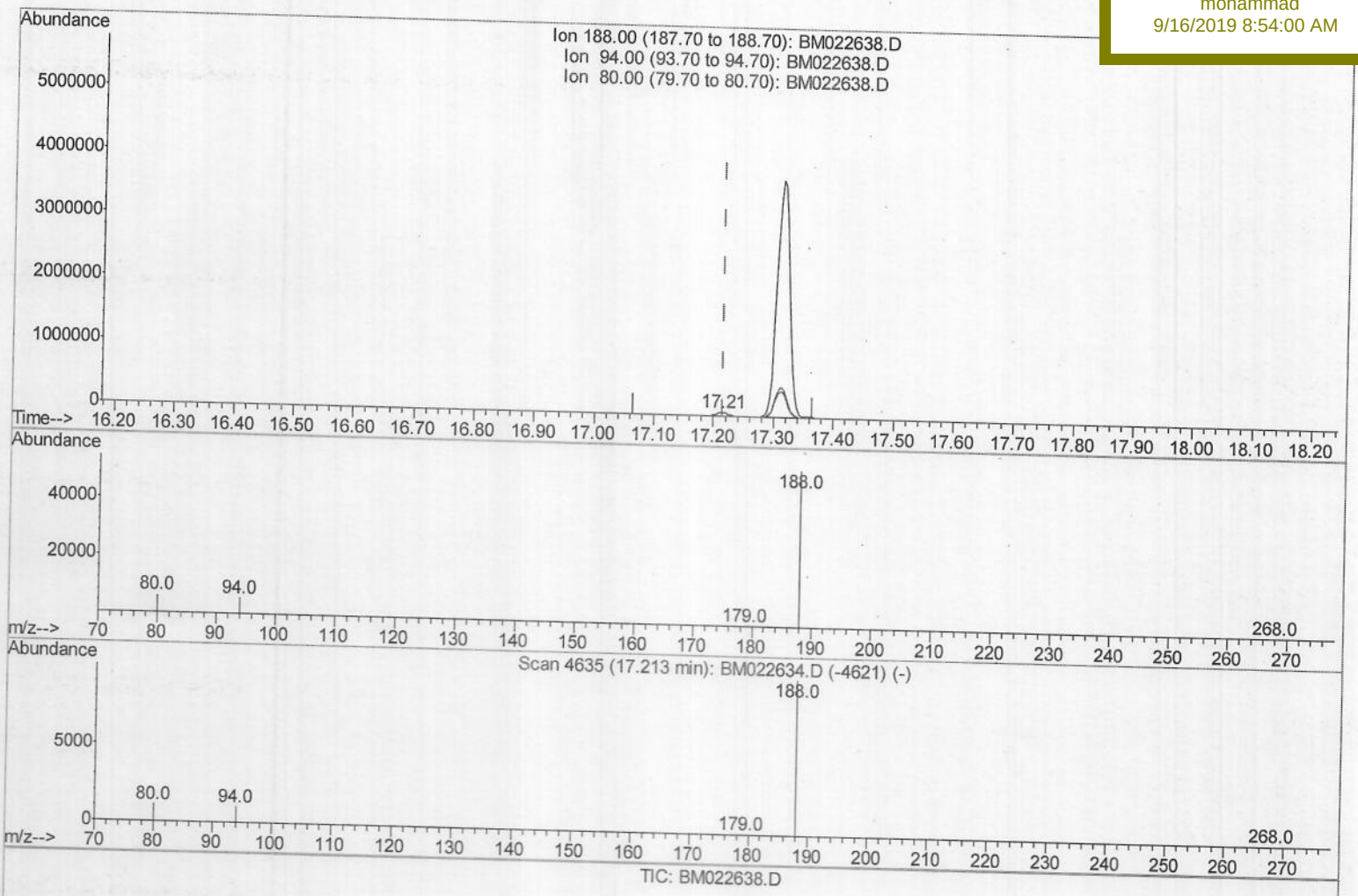
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM



TIC: BM022638.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m JU 09/14/19

response 74548

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	10.26
80.00	11.00	11.28
0.00	0.00	0.00

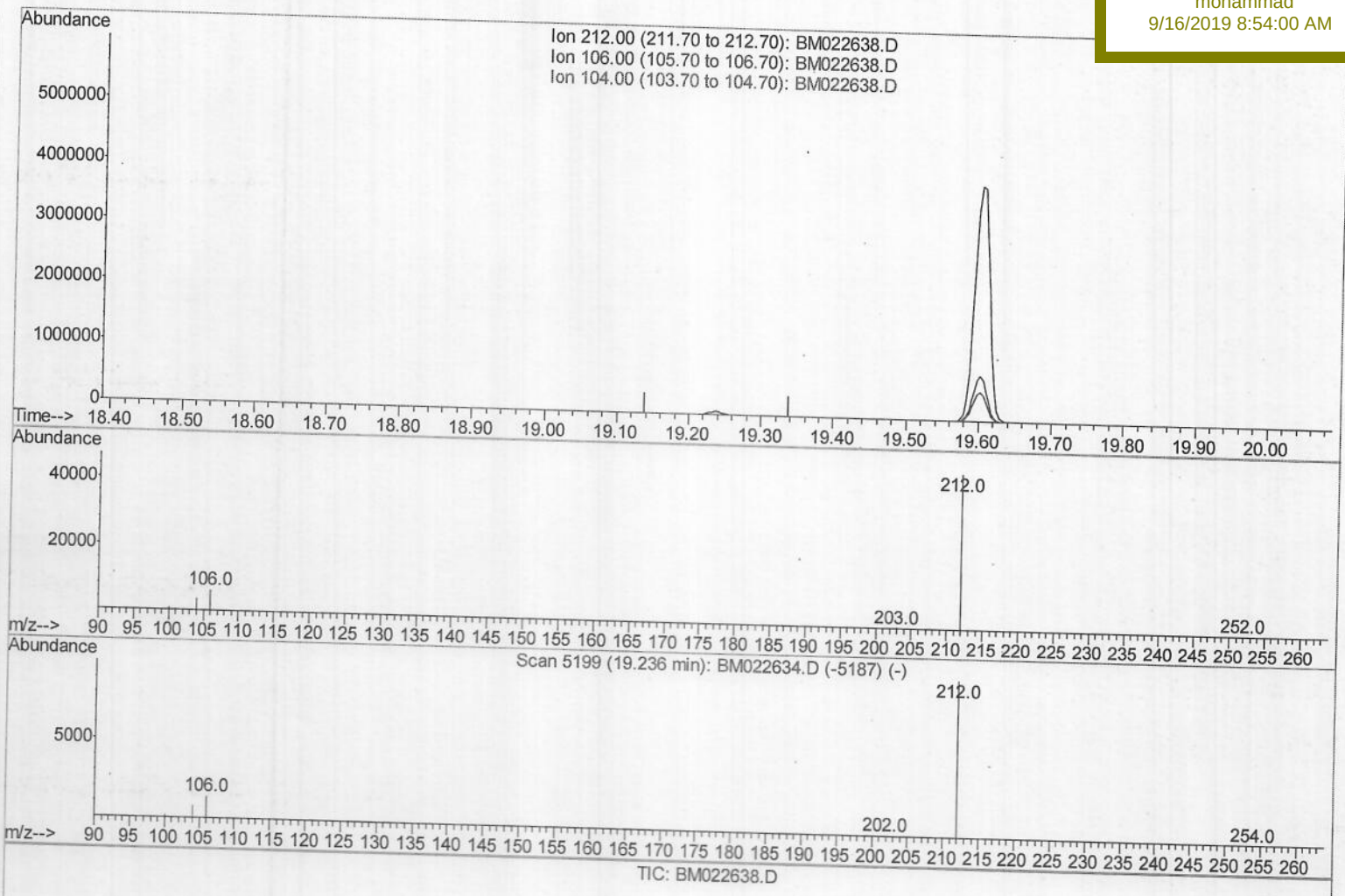
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 11 06:31:32 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 :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 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

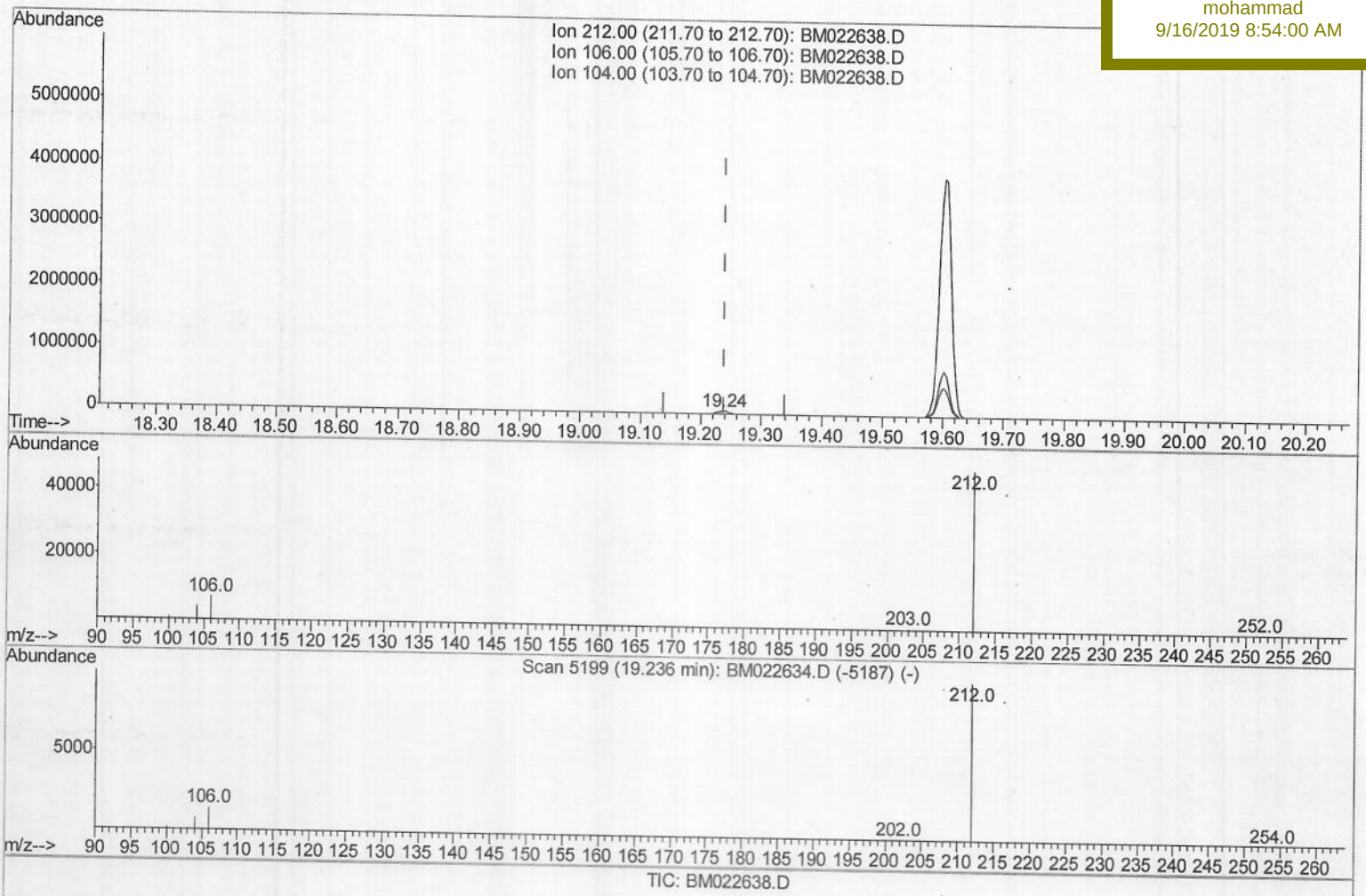
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 11 06:31:32 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 :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM



(14) Fluoranthene-d10 (SURR)

19.236min (-0.004) 0.31ng/ul m > JU 09/14/19

response 64030

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

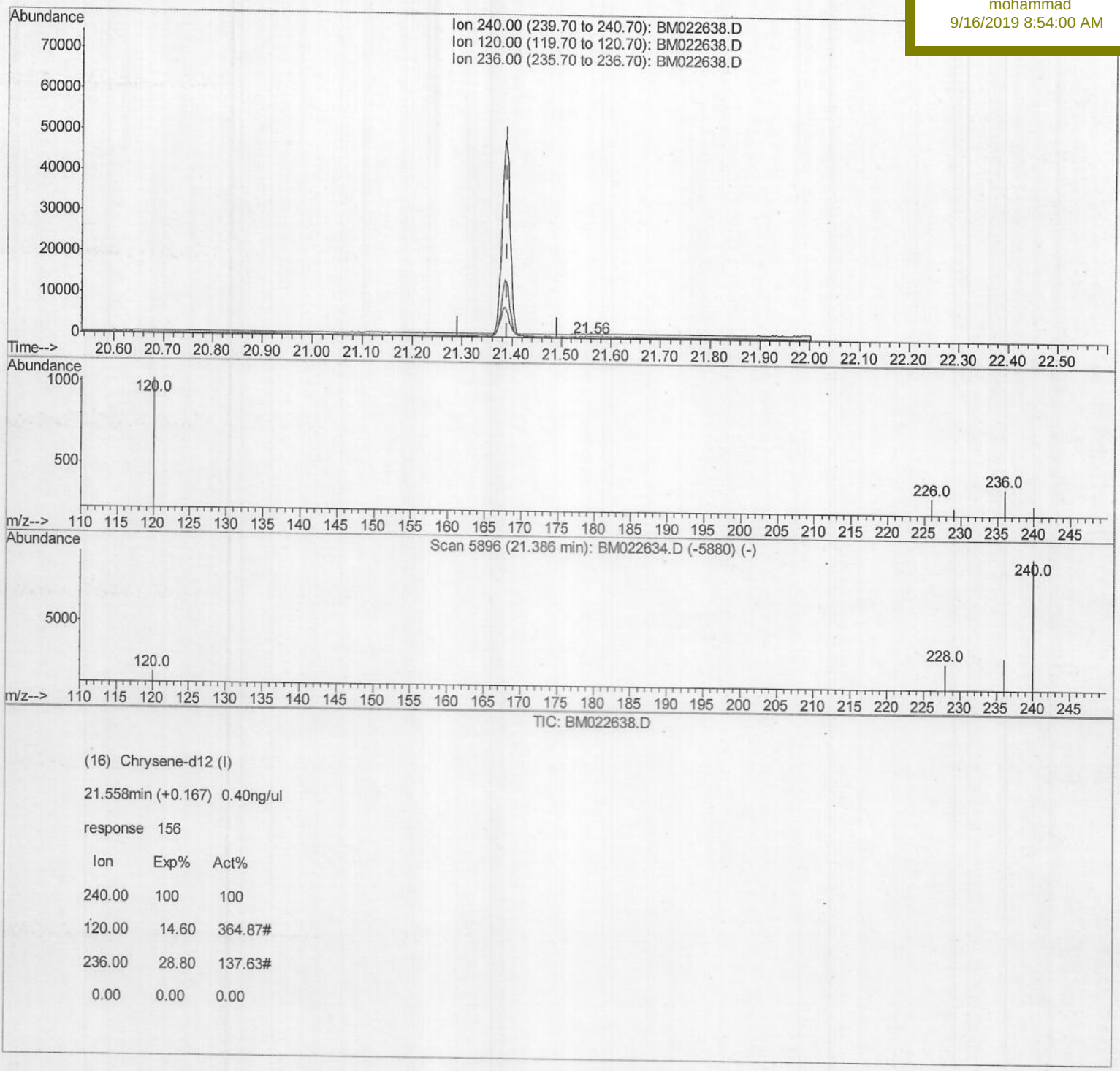
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 11 06:32:13 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 :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM



TIC: BM022638.D

(16) Chrysene-d12 (I)

21.558min (+0.167) 0.40ng/ul

response 156

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	364.87#
236.00	28.80	137.63#
0.00	0.00	0.00

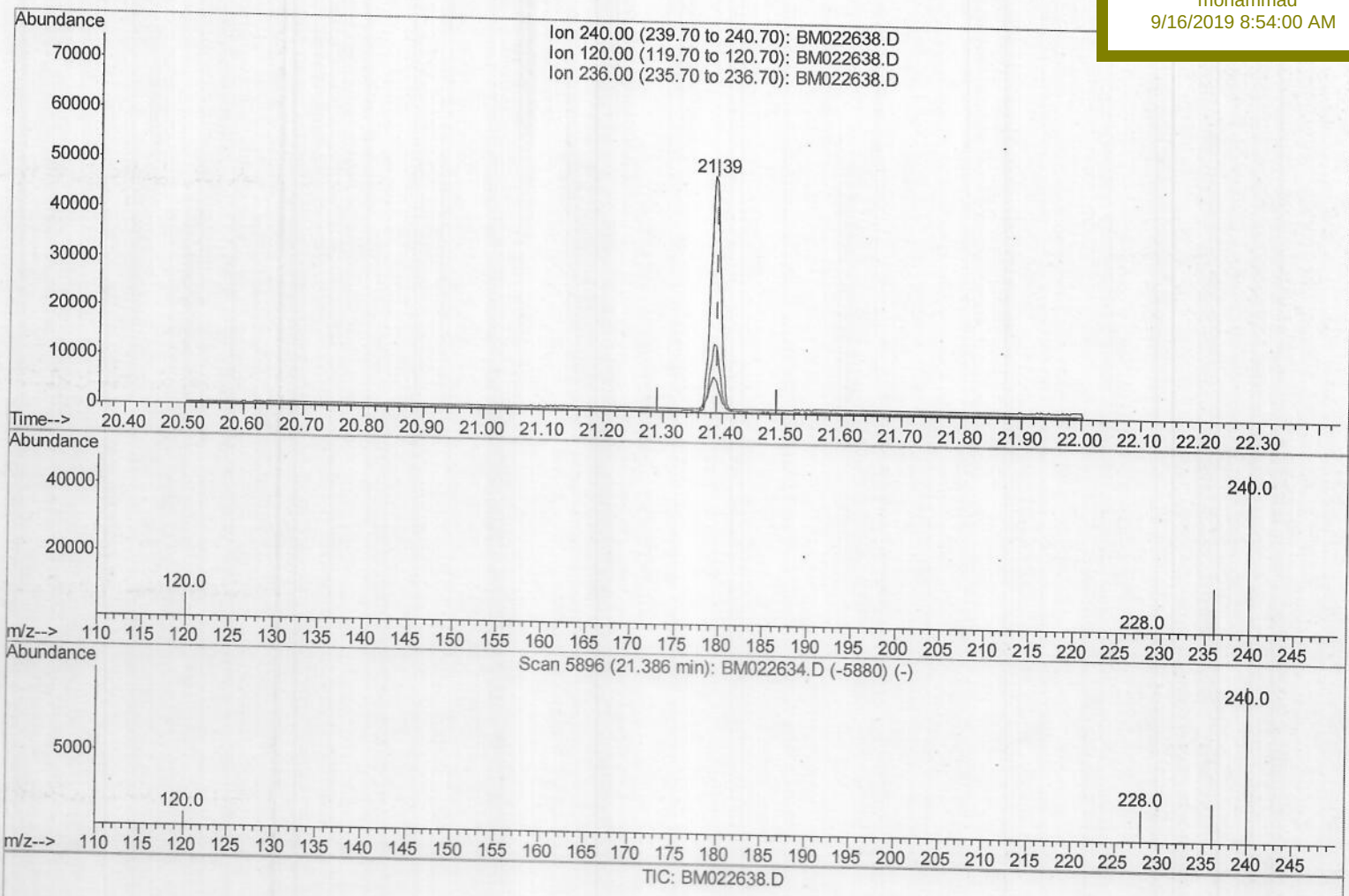
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 11 06:32:13 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 :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM



TIC: BM022638.D

(16) Chrysene-d12 (I)

21.386min (-0.005) 0.40ng/ul m JU 09|24|19

response 55803

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	14.90
236.00	28.80	29.04
0.00	0.00	0.00

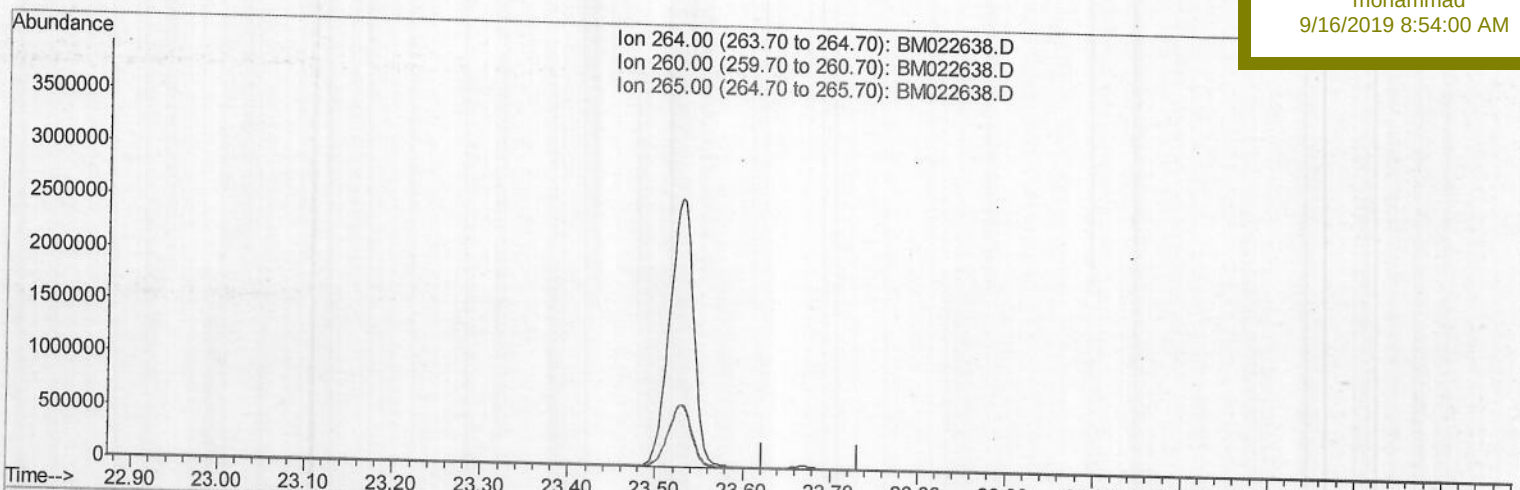
Quantitation Report (Qedit)

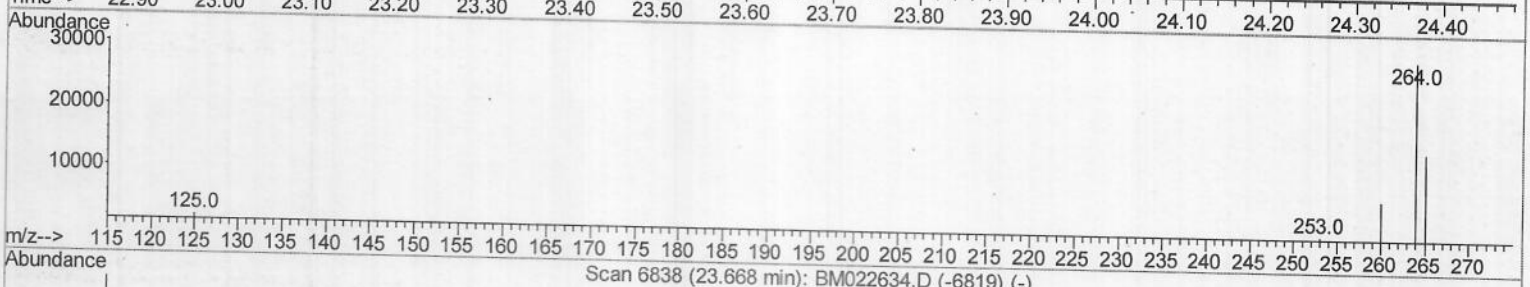
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

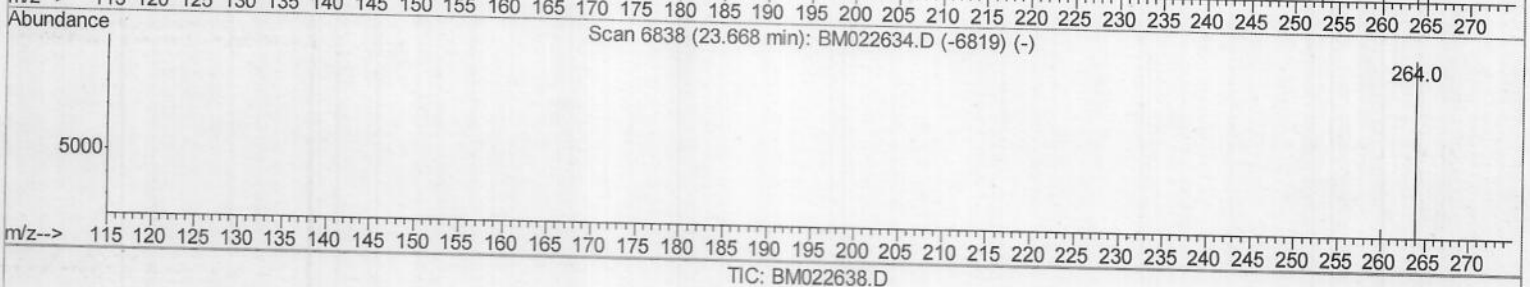
Quant Time: Sep 11 06:33:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM







TIC: BM022638.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

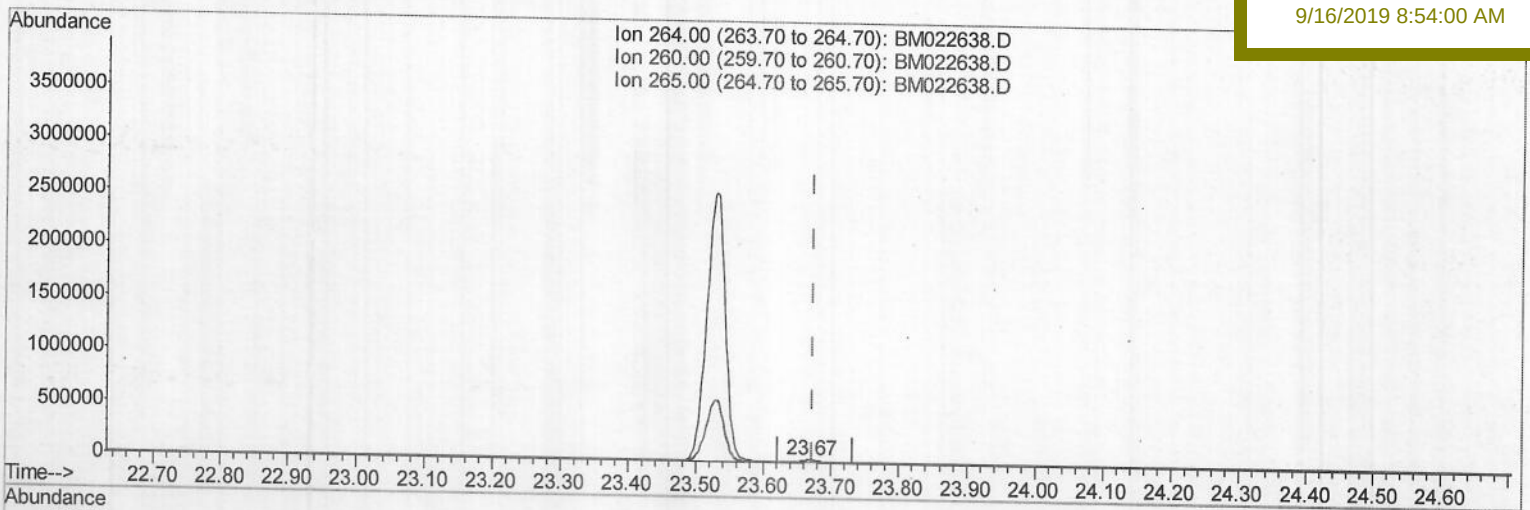
Quantitation Report (Qedit)

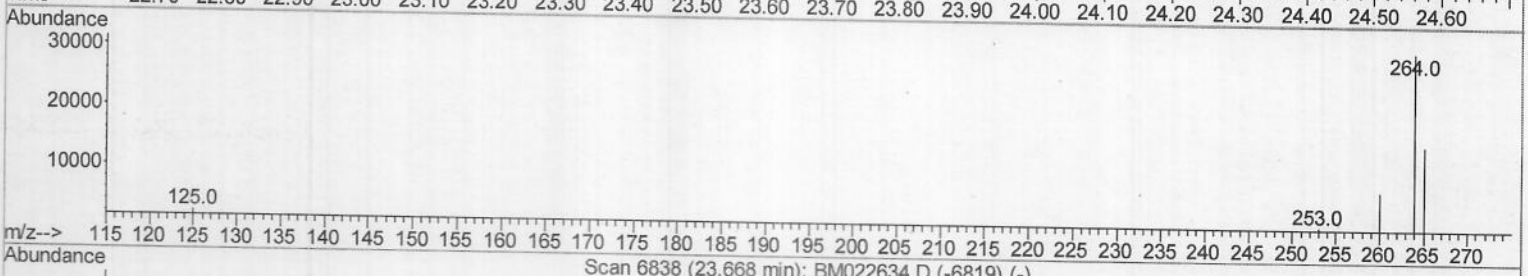
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

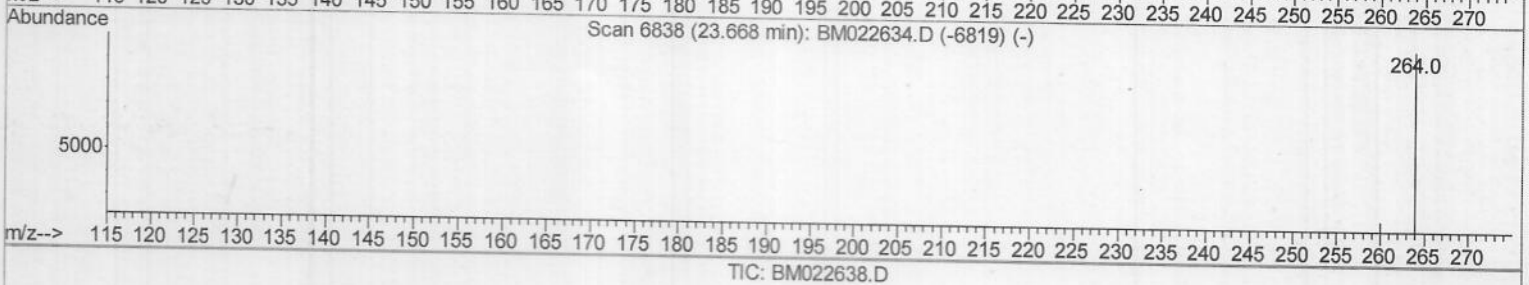
Quant Time: Sep 11 06:33:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM







(20) Perylene-d12 (I)

23.668min (-0.005) 0.40ng/ul m > JU 09/24/19

response 50200

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.35
265.00	59.90	50.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022638.D
Acq On : 11 Sep 2019 02:53
Operator : HP/JU
Sample : K4682-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0BM0

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:00 AM

Quant Time: Sep 11 06:34:10 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	16463	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	67756	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	37727	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	74548m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	55803m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	50200m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	30798	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	64030m	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.69	128	30988	0.161	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	5441	0.041	ng/ul	99

JU 09/14/19

JU 09/14/19

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