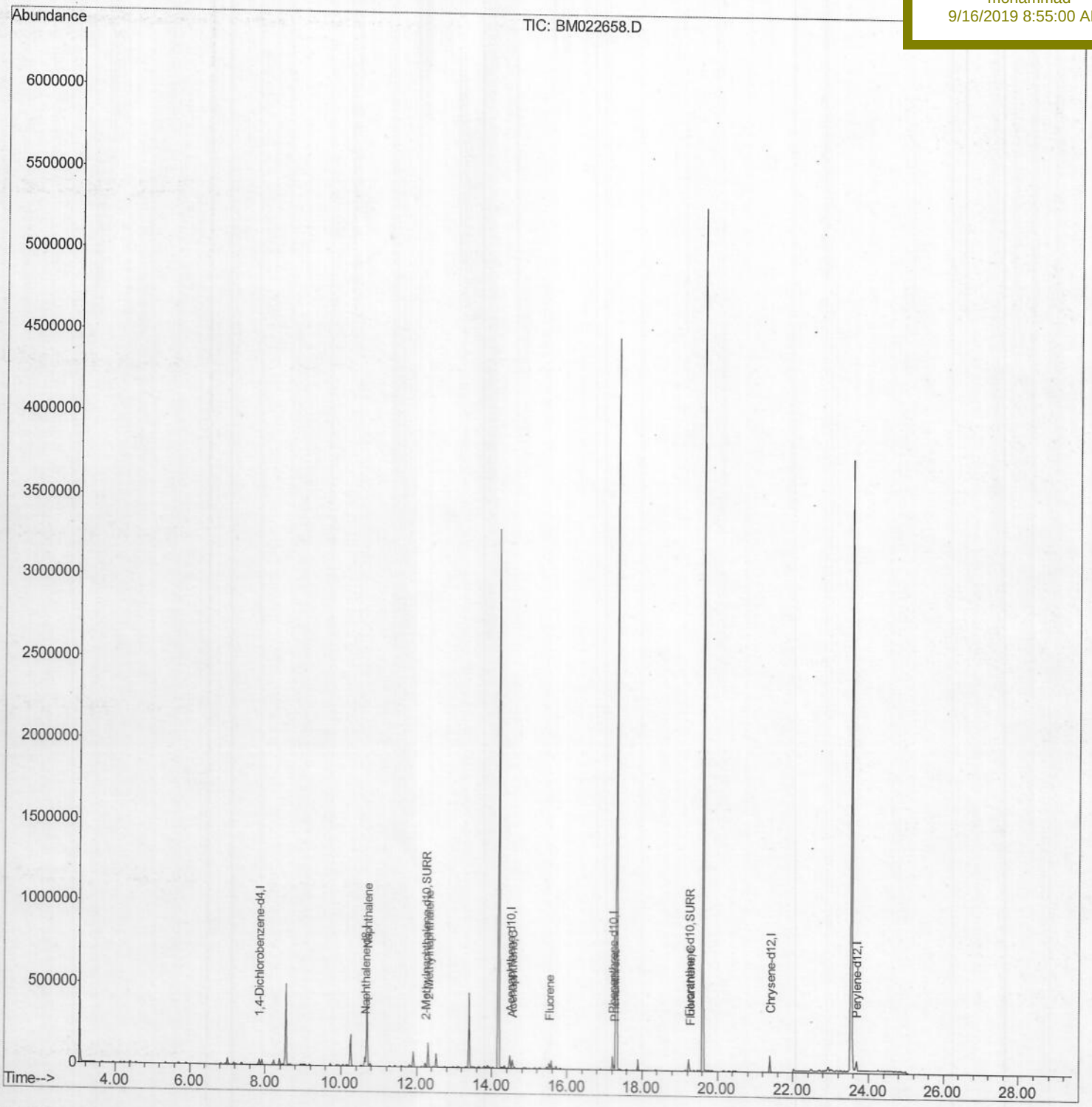
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 12 01:42:43 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 :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM



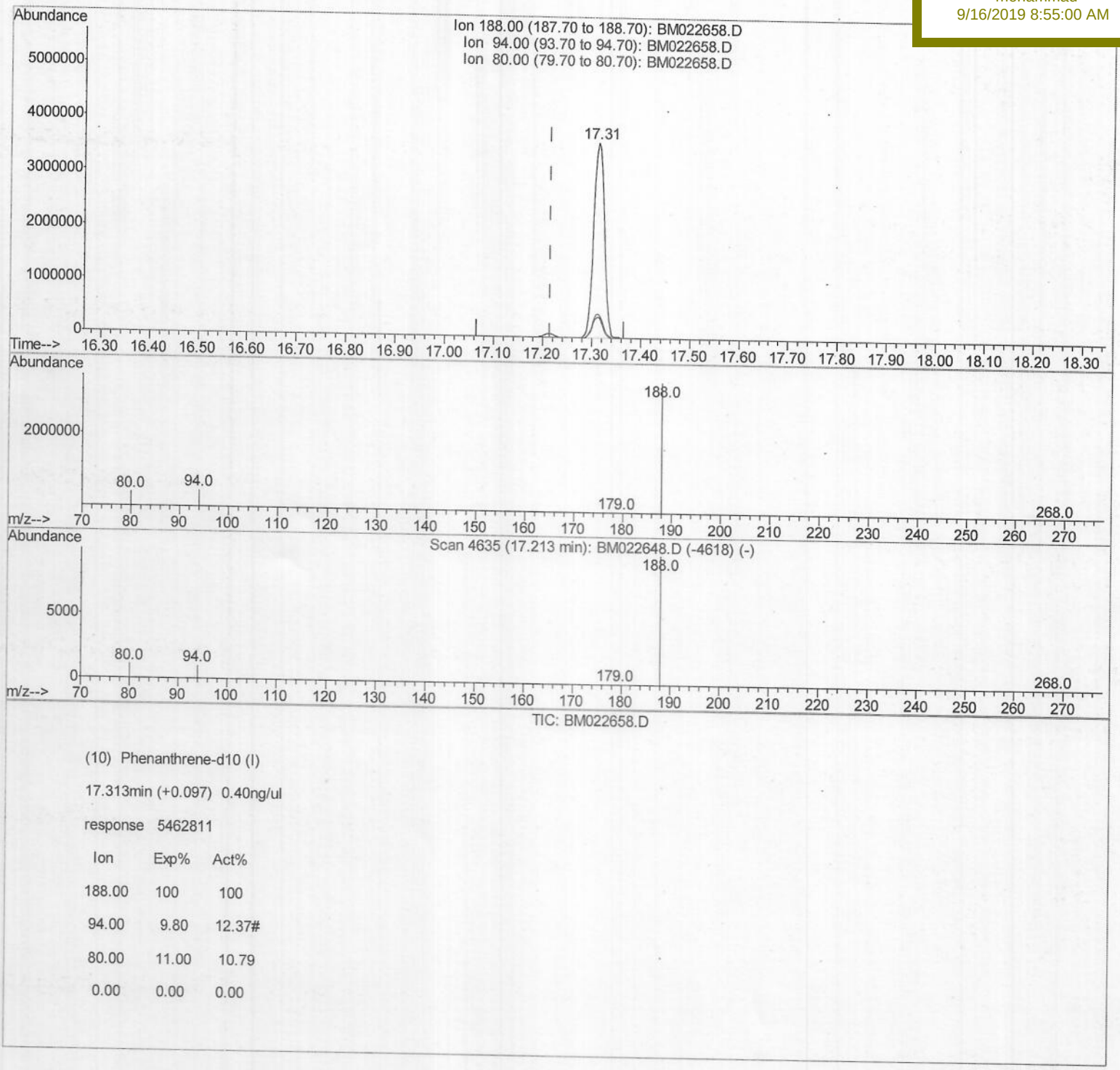
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 12 01:03:10 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 :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM



TIC: BM022658.D

(10) Phenanthrene-d10 (I)

17.313min (+0.097) 0.40ng/ul

response 5462811

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	12.37#
80.00	11.00	10.79
0.00	0.00	0.00

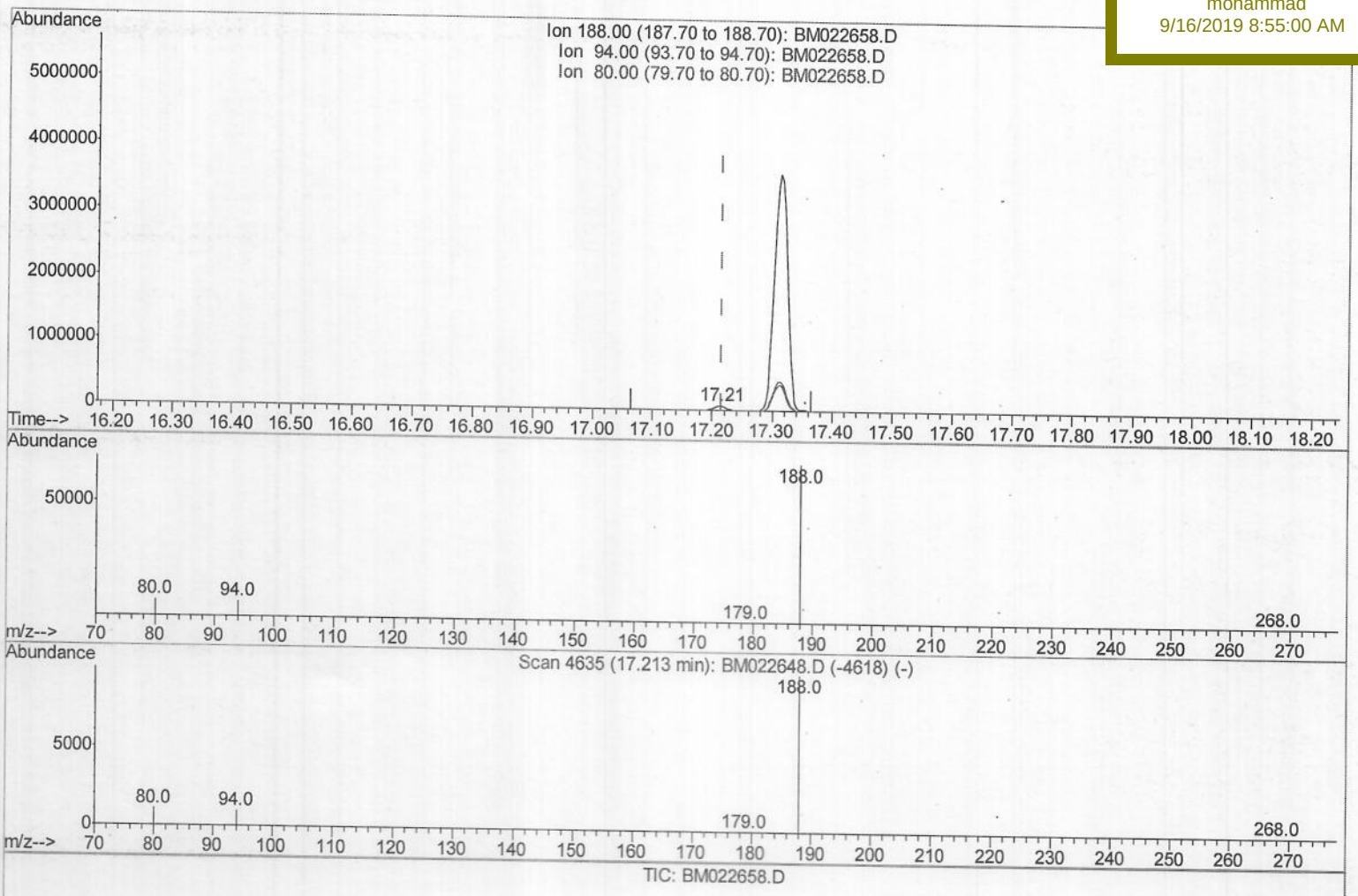
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 12 01:03:10 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 :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM



(10) Phenanthrene-d10 (I)

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

response 93900

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	9.79
80.00	11.00	10.72
0.00	0.00	0.00

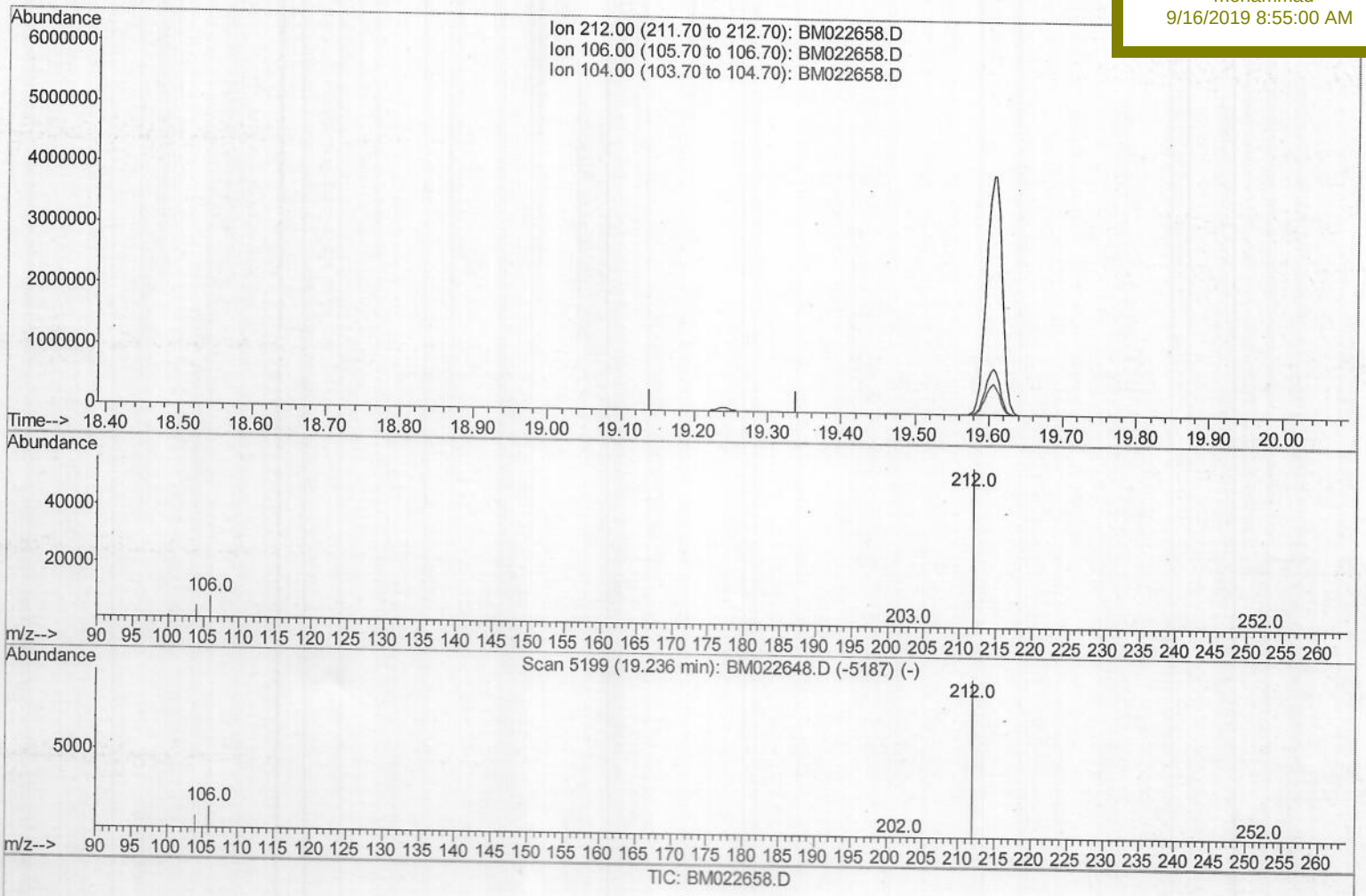
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 12 01:40:35 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 :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM



TIC: BM022658.D

(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

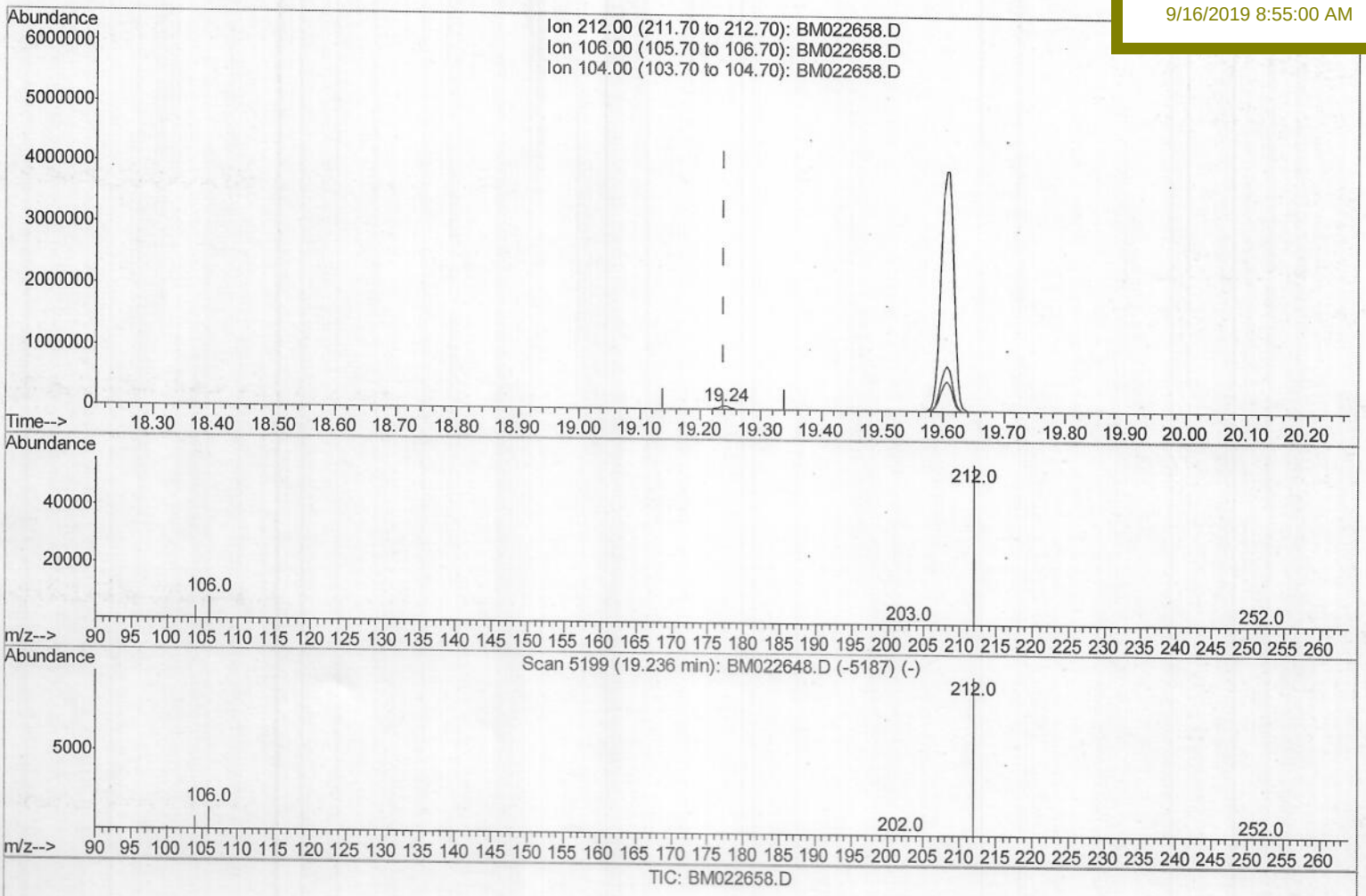
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 12 01:40:35 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 :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM



TIC: BM022658.D

(14) Fluoranthene-d10 (SURR)

19.240min (-0.000) 0.29ng/ul m JU 09/14/19

response 74076

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

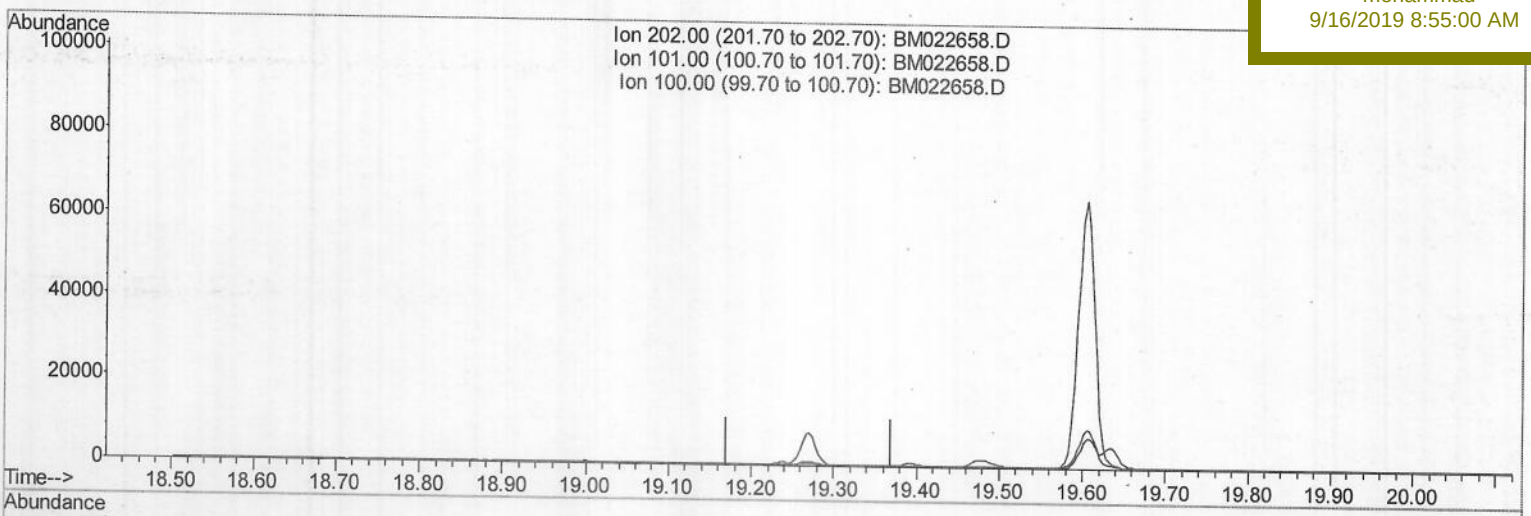
Quantitation Report (Qedit)

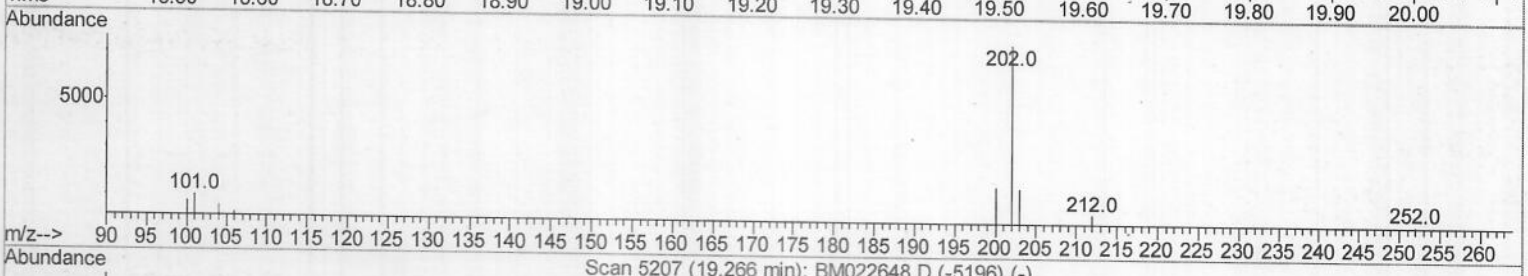
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

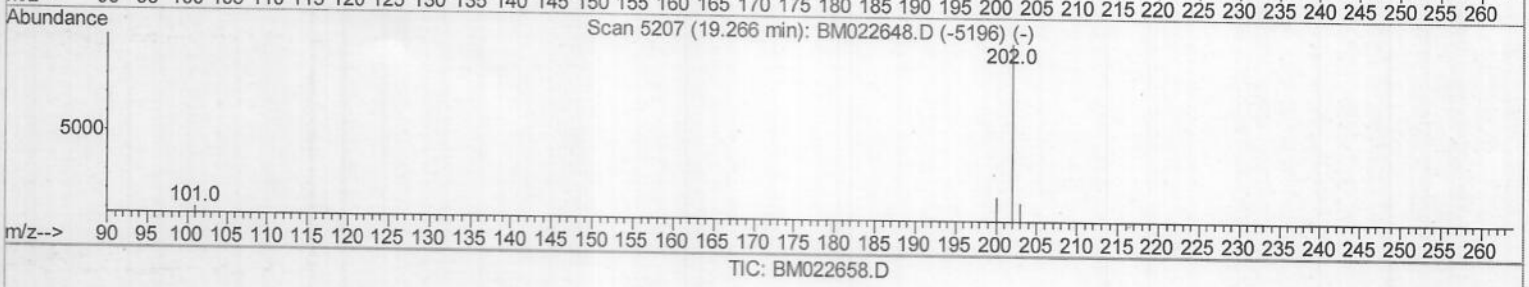
Quant Time: Sep 12 01:41:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM







TIC: BM022658.D

(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

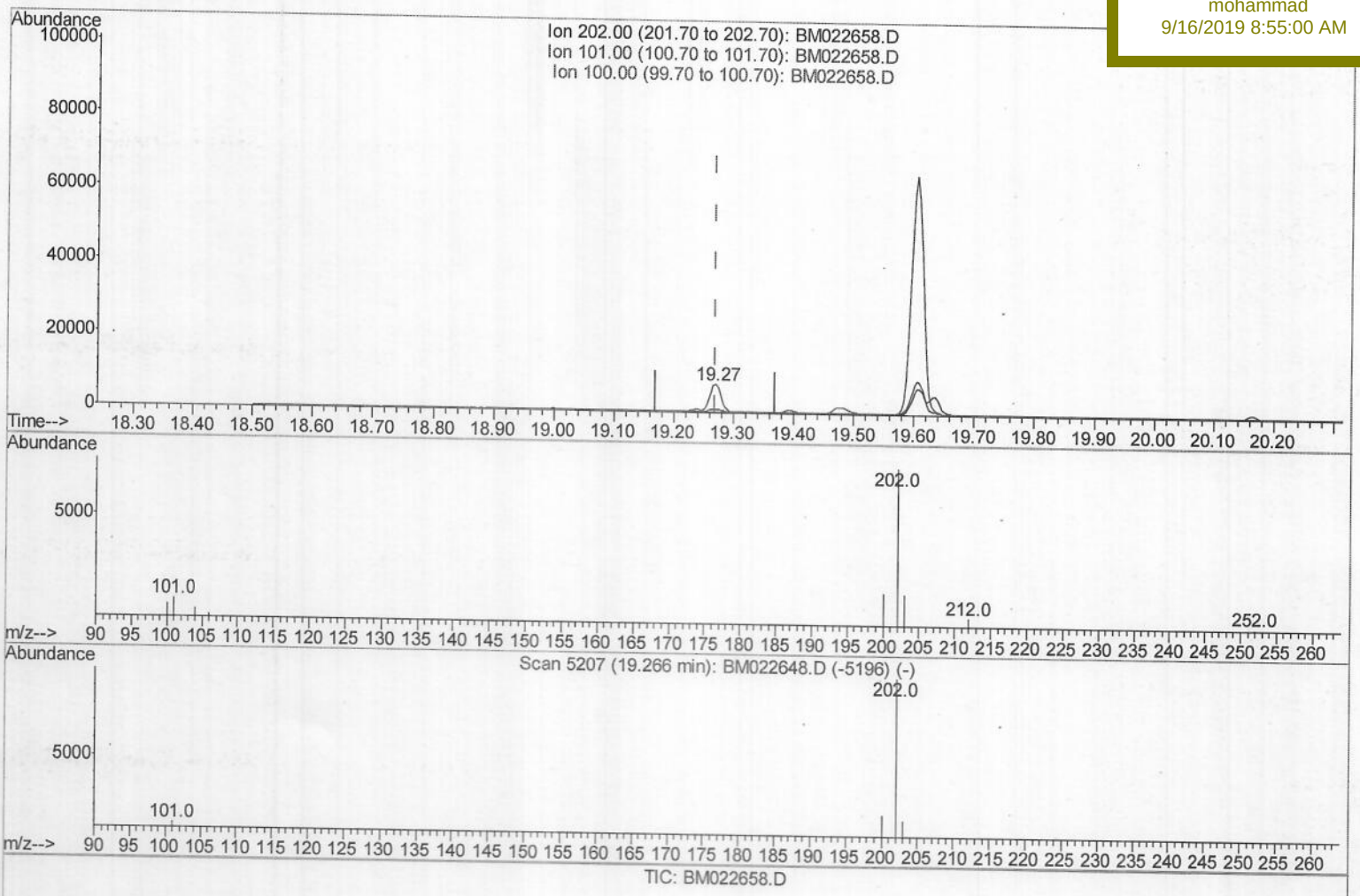
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 12 01:41:15 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 :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM



TIC: BM022658.D

(15) Fluoranthene (C)

19.270min (-0.000) 0.03ng/ul m JU 09/24/19

response 9604

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	12.98
100.00	8.00	9.45
0.00	0.00	0.00

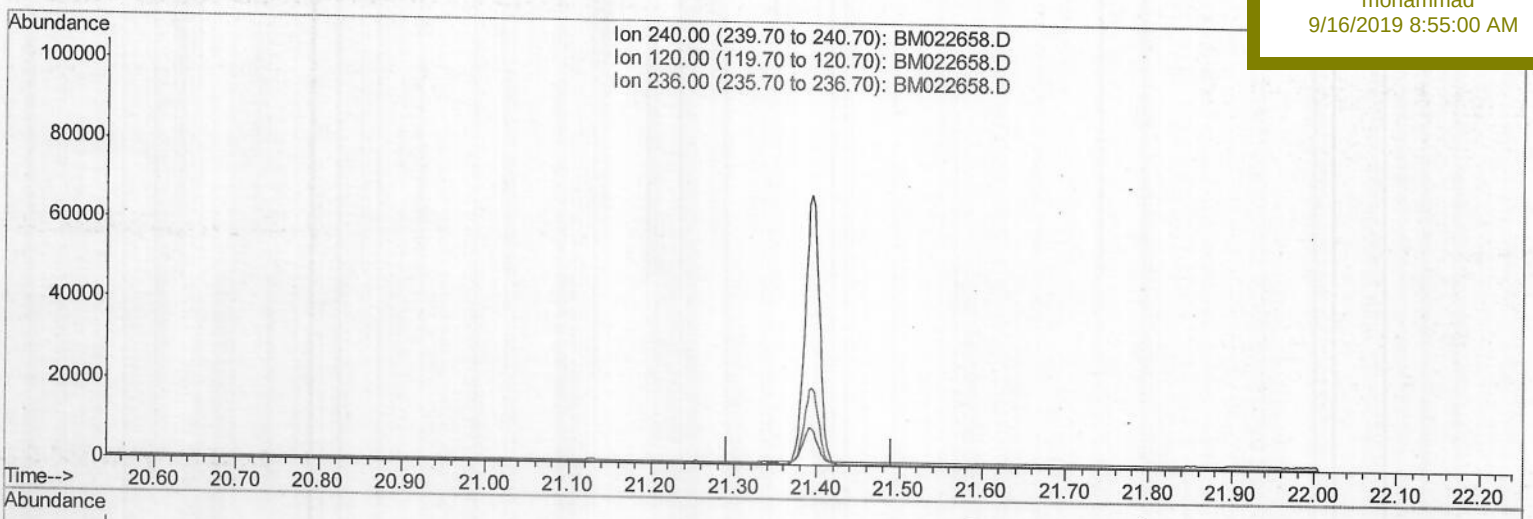
Quantitation Report (Qedit)

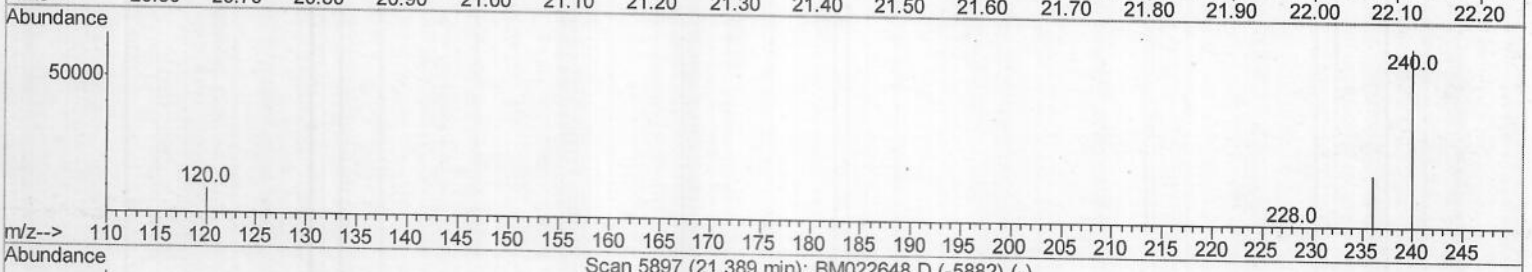
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

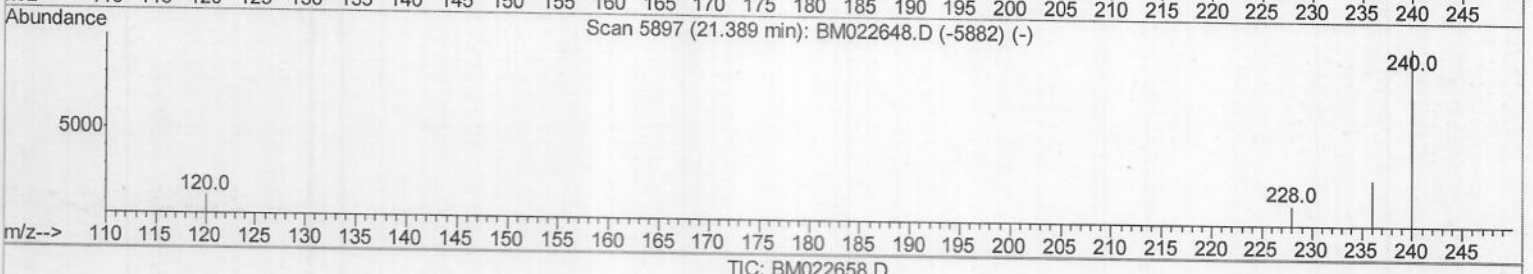
Quant Time: Sep 12 01:41:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM







(16) Chrysene-d12 (I)

21.391min (-21.391) 0.00ng/ul

response 0

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

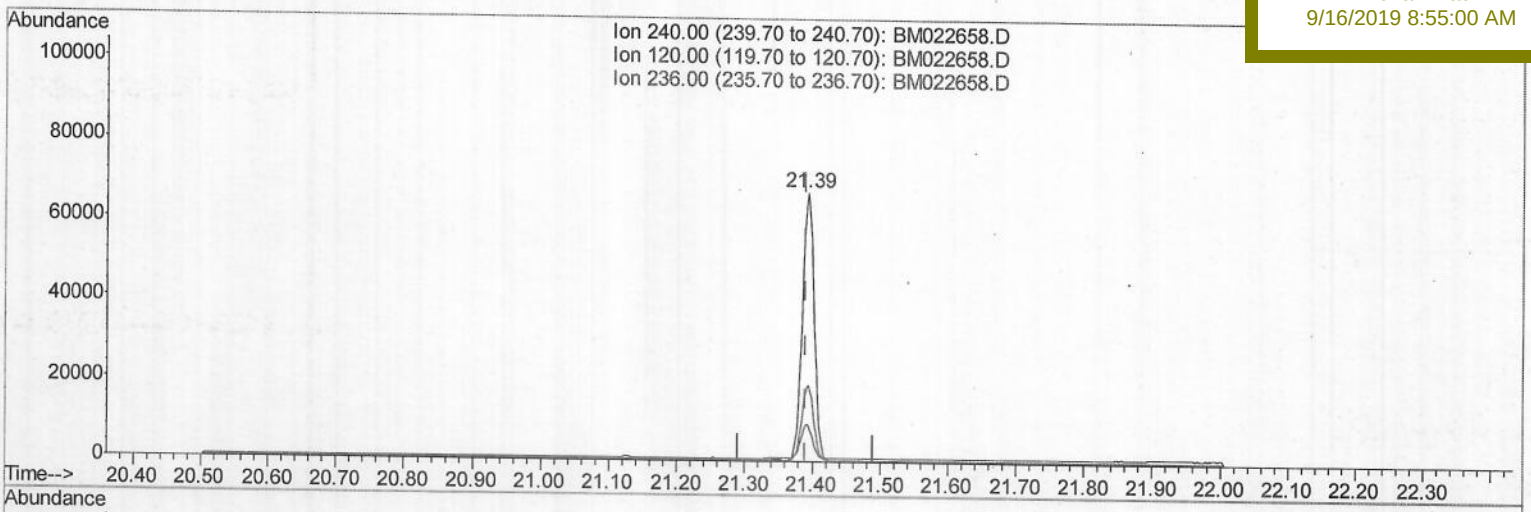
Quantitation Report (Qedit)

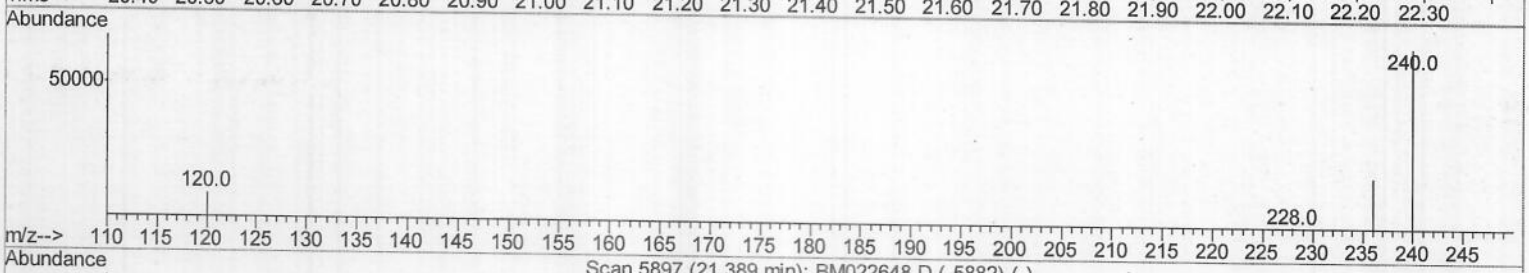
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

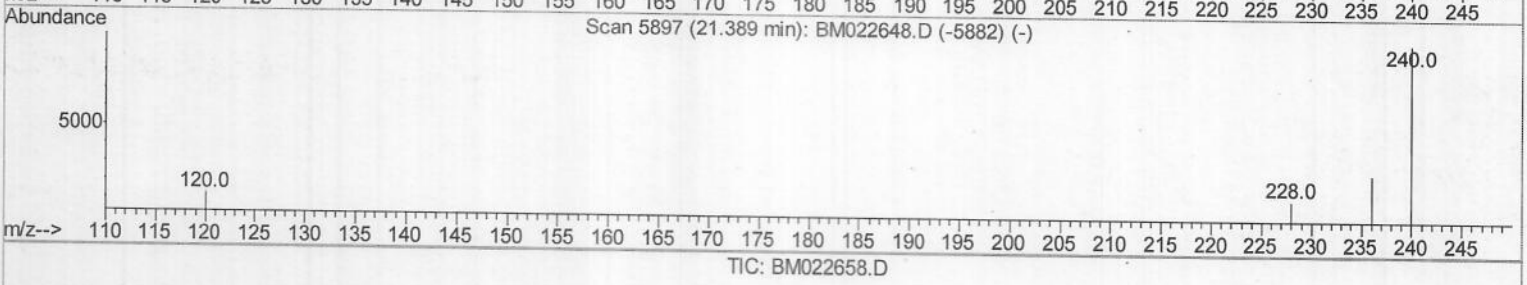
Quant Time: Sep 12 01:41:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM







TIC: BM022658.D

(16) Chrysene-d12 (I)

21.394min (+0.002) 0.40ng/ul m > JU 09/24/19

response 81634

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	13.62
236.00	28.80	28.79
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022658.D
Acq On : 11 Sep 2019 15:42
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 12 01:42:43 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
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Instrument : BNA_M
ClientSampleId : BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	15773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	69709	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	41385	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	93900m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	81634m	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	75473	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	28381	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	74076m	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.69	128	595734	2.999	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	101379	0.745	ng/ul	100
8) Acenaphthene	14.54	153	42699	0.266	ng/ul	97
9) Fluorene	15.52	166	18174	0.099	ng/ul	100
12) Phenanthrene	17.25	178	29065	0.097	ng/ul	99
15) Fluoranthene	19.27	202	9604m	0.030	ng/ul	

JU 09/24/19

JU 09/24/19

JU 09/24/19

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