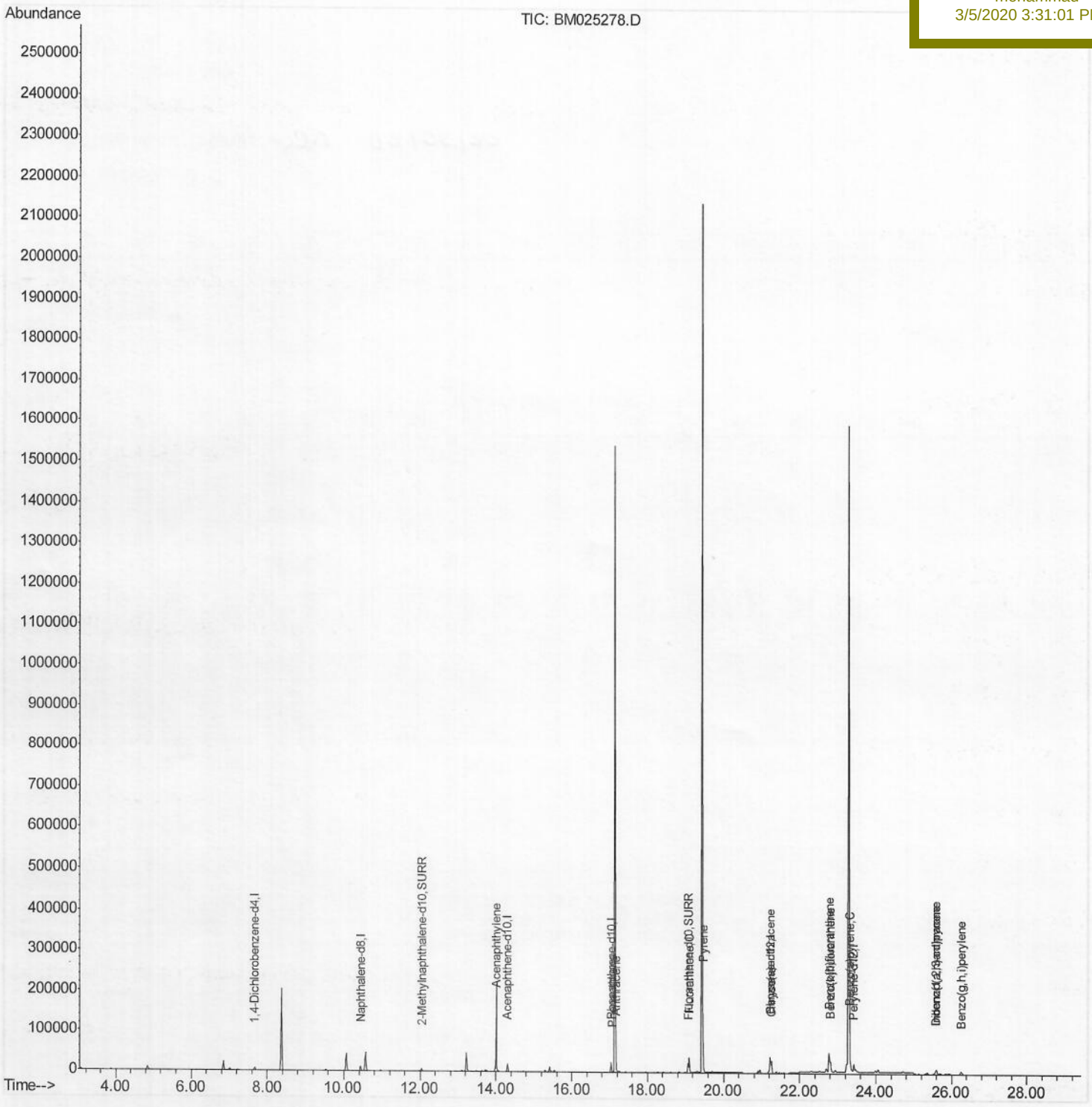
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:06:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
3/5/2020 3:31:01 PM



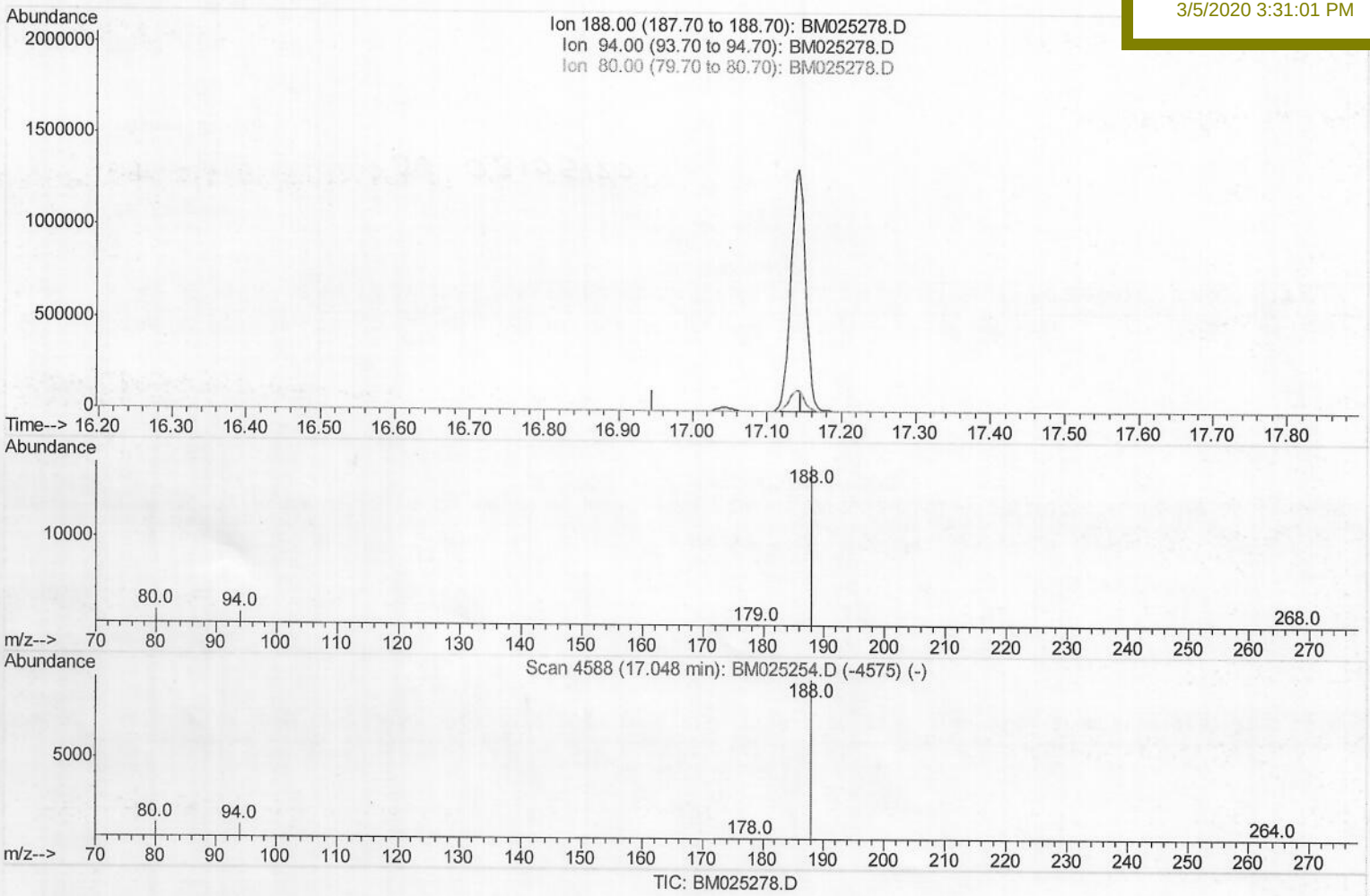
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:03:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
3/5/2020 3:31:01 PM



(10) Phenanthrene-d10 (I)

17.046min (-17.046) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	26.60	0.00#
80.00	22.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
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Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:03:56 2020
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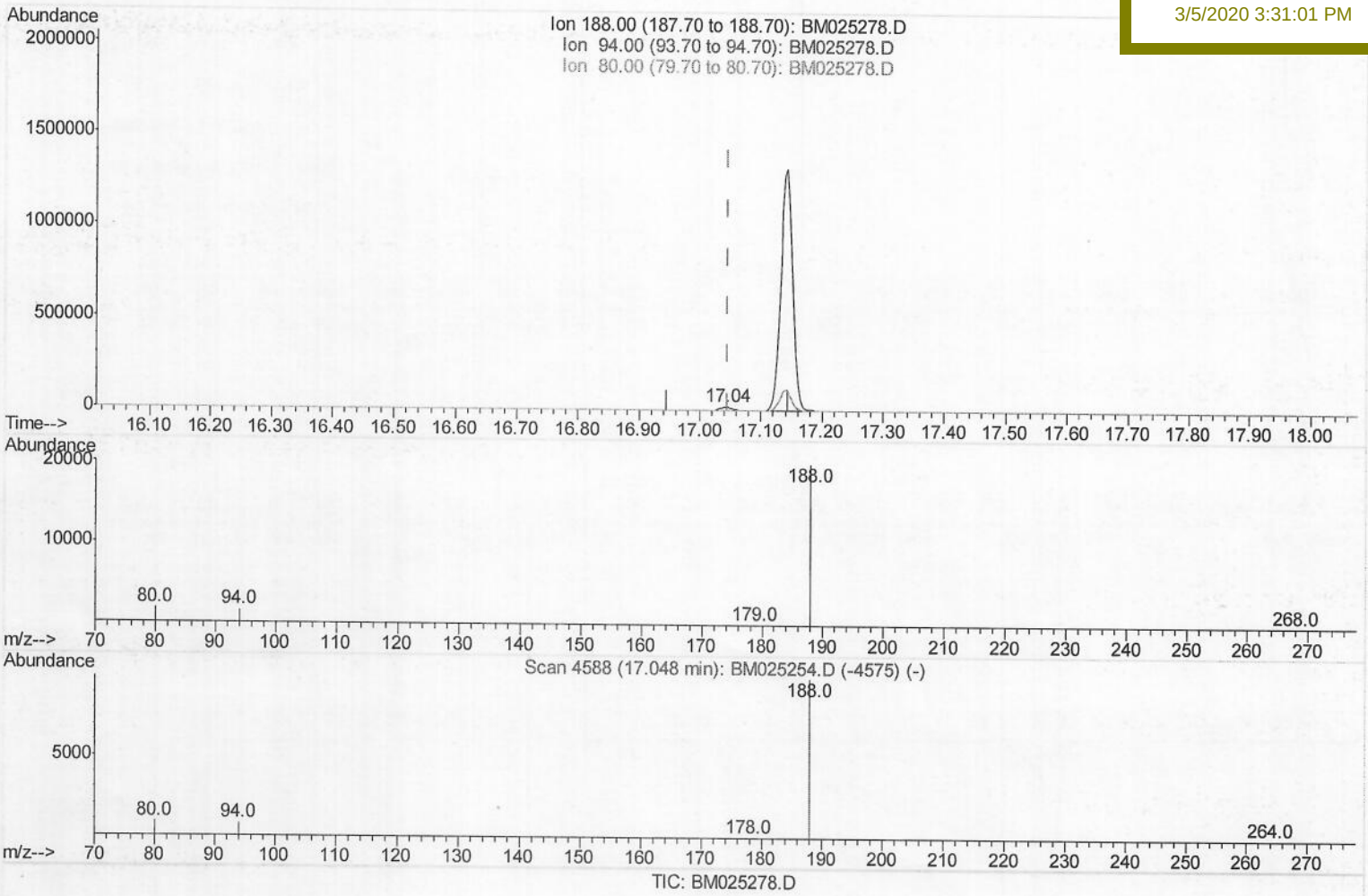
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
3/5/2020 3:31:01 PM



TIC: BM025278.D

(10) Phenanthrene-d10 (I)

17.043min (-0.004) 0.40ng/ul m JU 03/06/20

response 27284

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	7.81#
80.00	22.60	9.05#
0.00	0.00	0.00

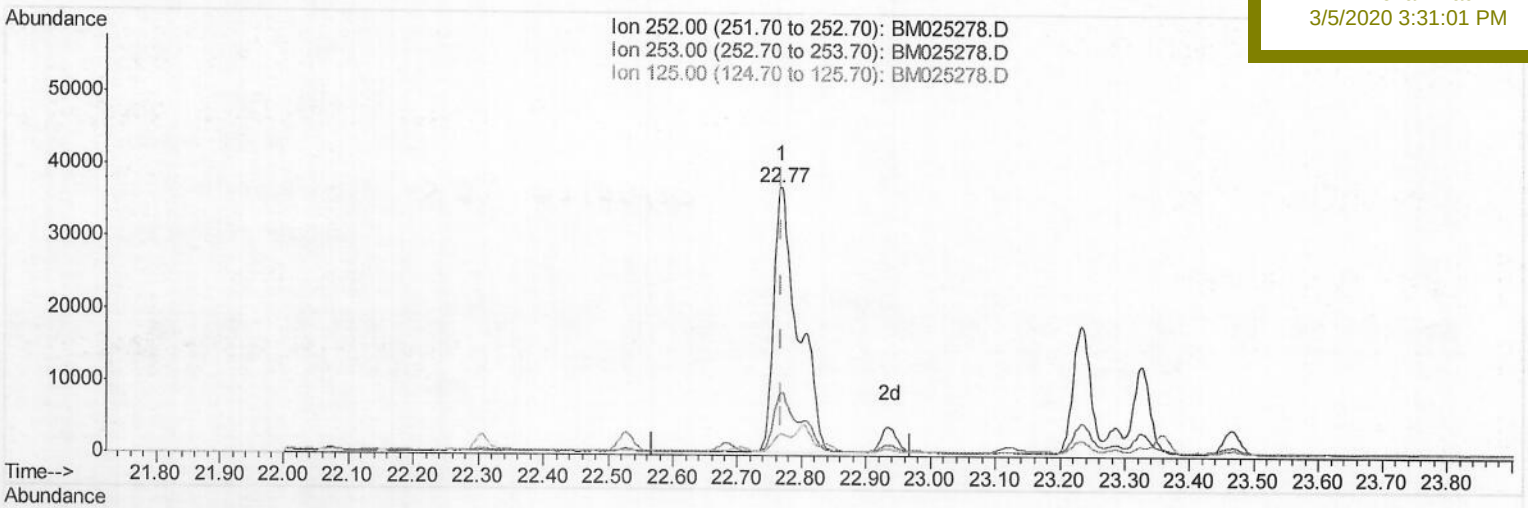
Quantitation Report (Qedit)

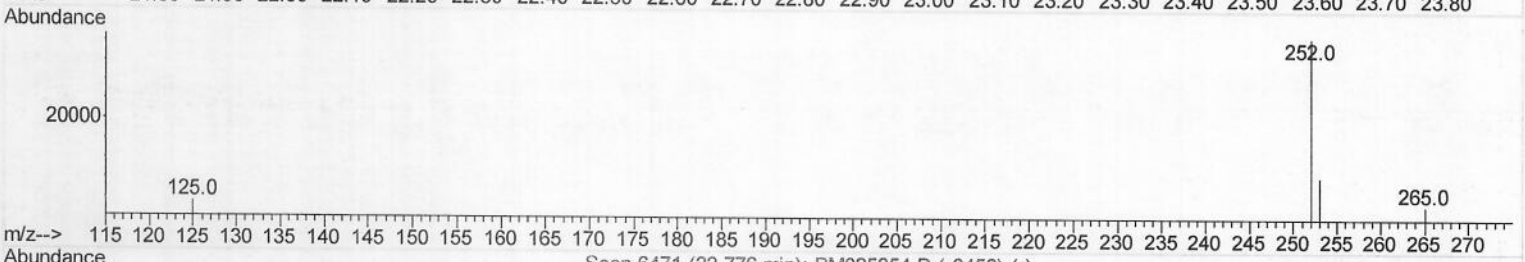
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

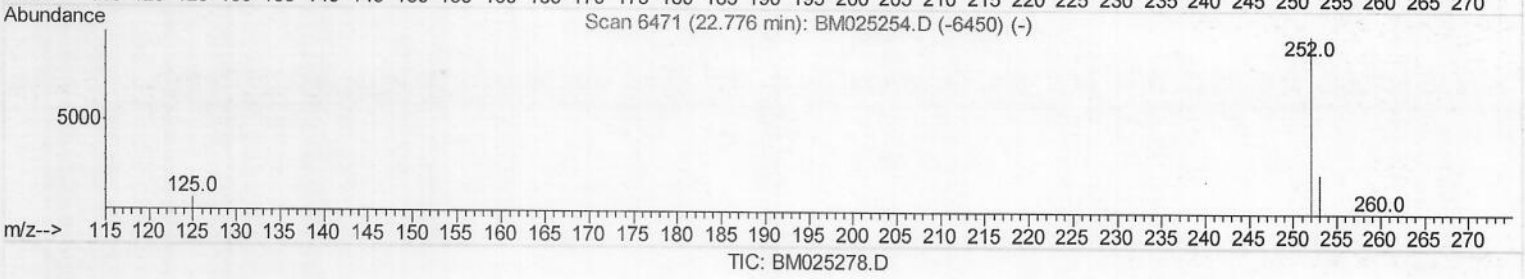
Quant Time: Mar 05 14:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
3/5/2020 3:31:01 PM







TIC: BM025278.D

(21) Benzo(b)fluoranthene

22.769min (+0.000) 0.99ng/ul

response 98884

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	23.74
125.00	14.30	8.27
0.00	0.00	0.00

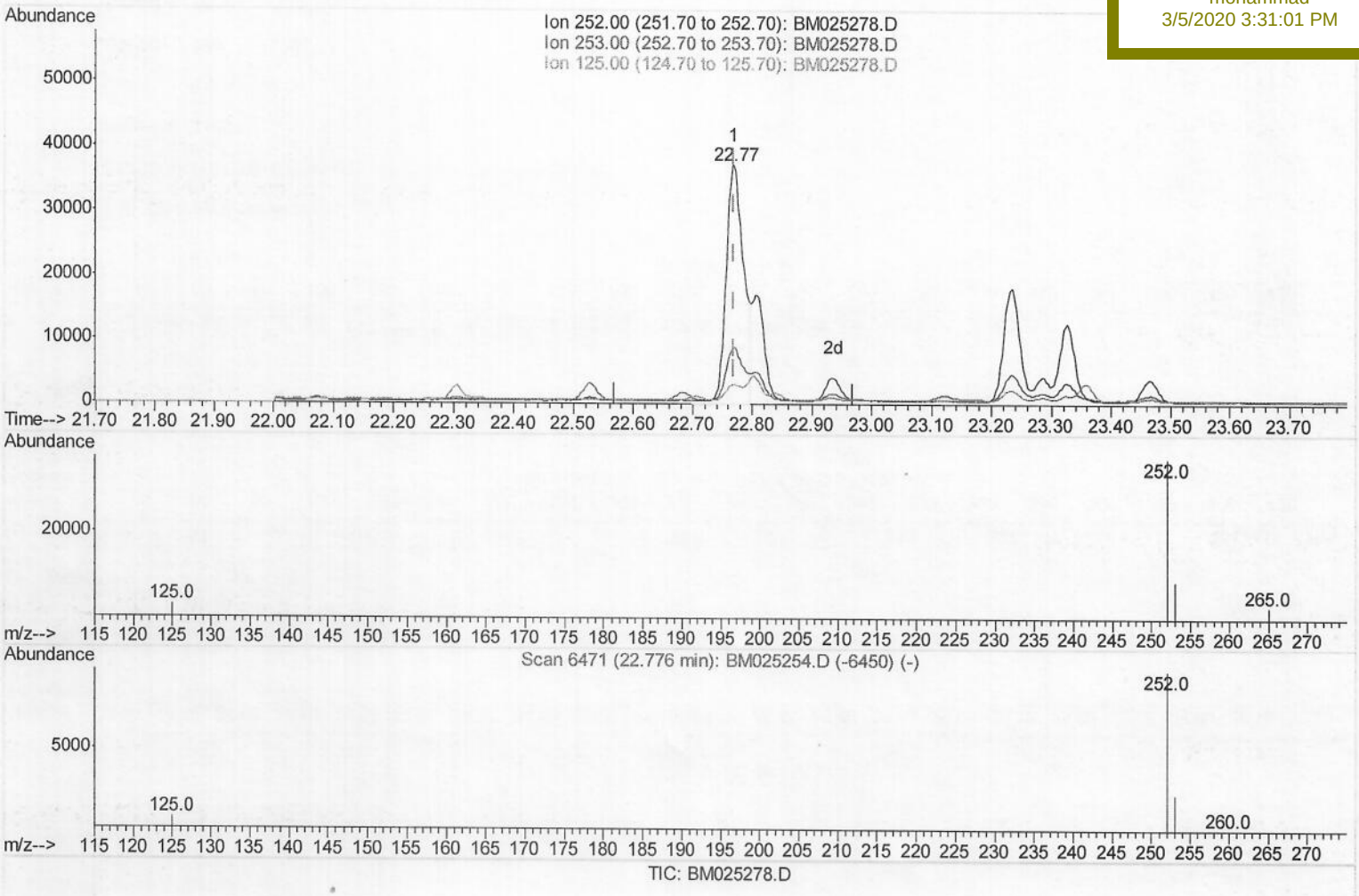
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
3/5/2020 3:31:01 PM



(21) Benzo(b)fluoranthene

22.769min (+0.000) 0.76ng/ul m JU 03/06/20

response 75651

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	23.74
125.00	14.30	8.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
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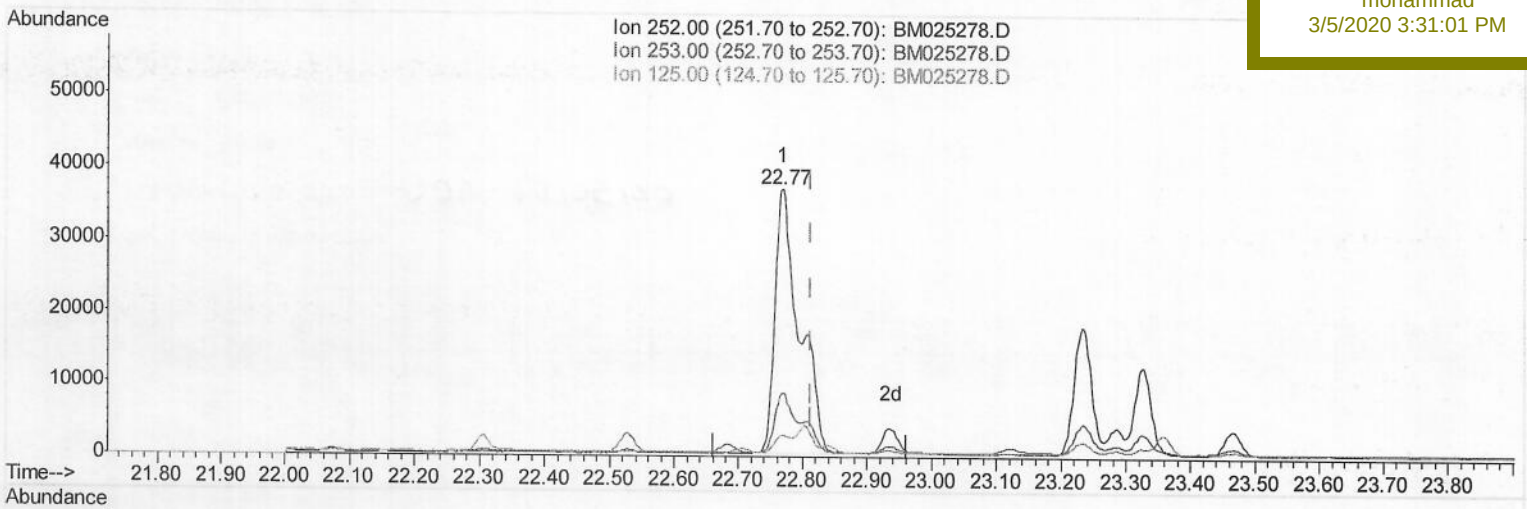

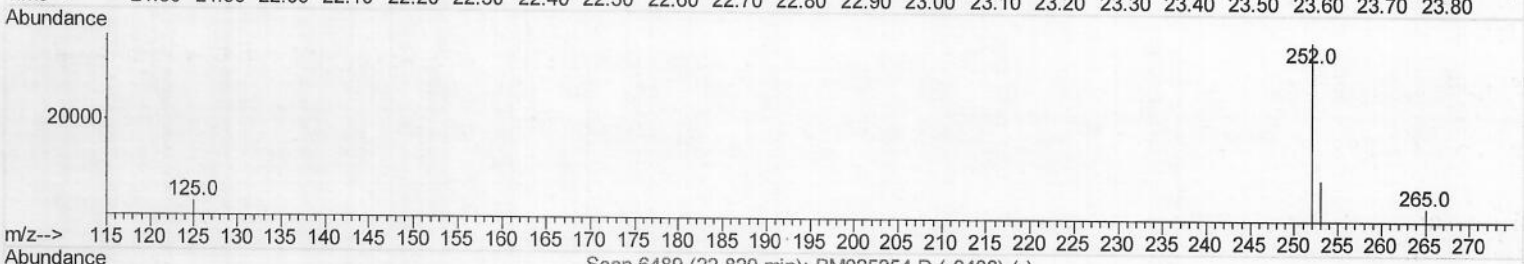

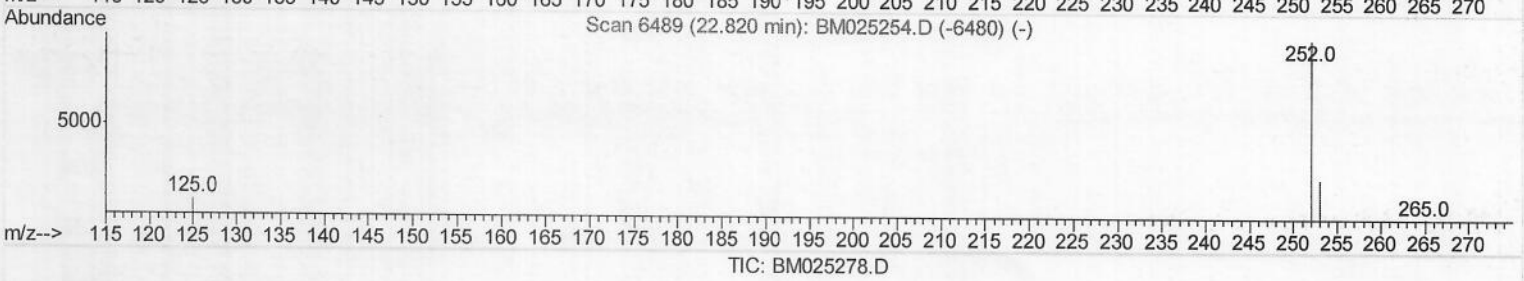

TIC: BM025278.D

(22) Benzo(k)fluoranthene

22.769min (-0.043) 0.94ng/ul

response 98884

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	23.74
125.00	13.40	8.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
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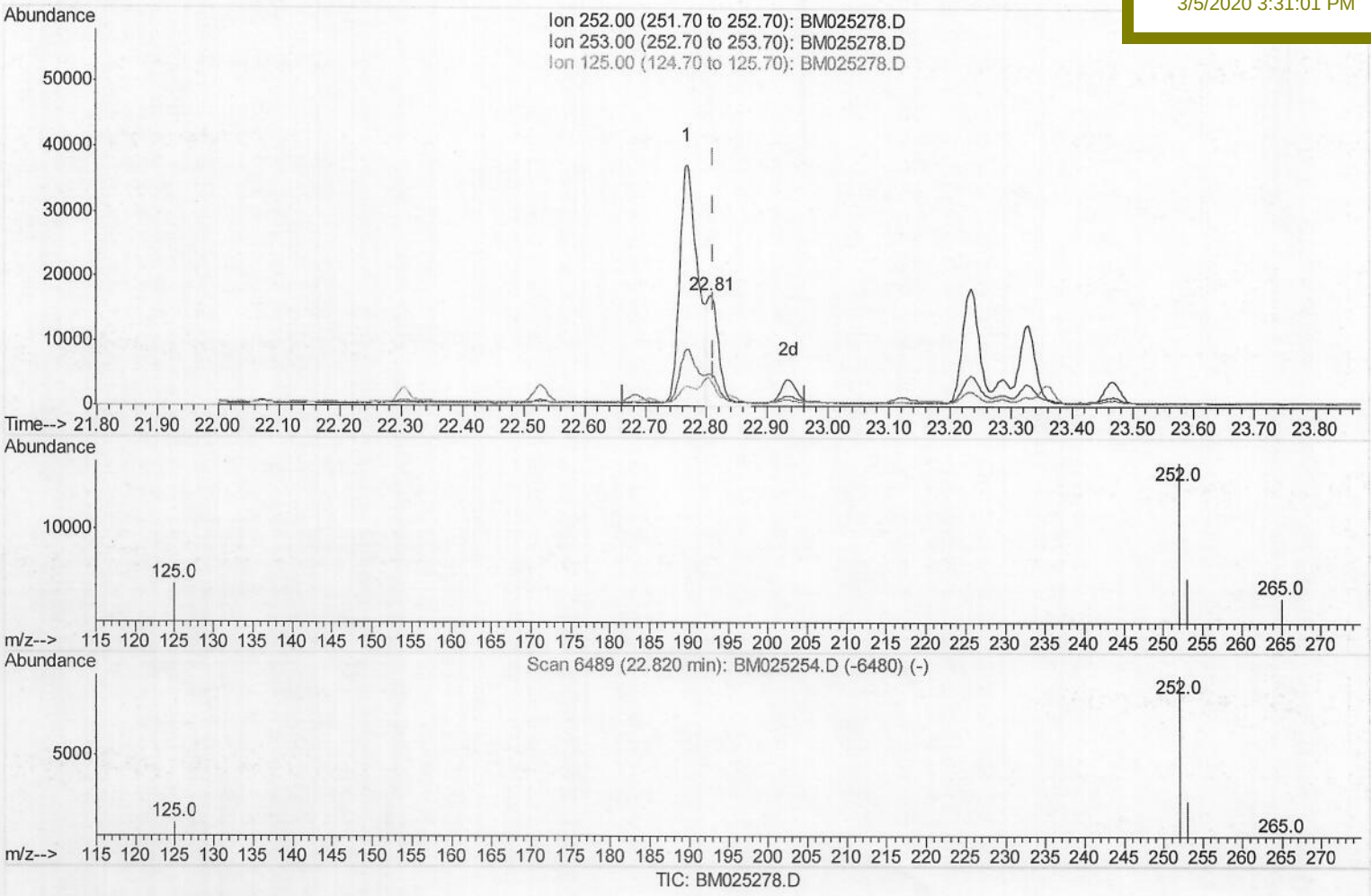

TIC: BM025278.D

(22) Benzo(k)fluoranthene

22.805min (-0.007) 0.24ng/ul m JU 03/06/20

response 25291

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	28.79
125.00	13.40	24.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:05:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
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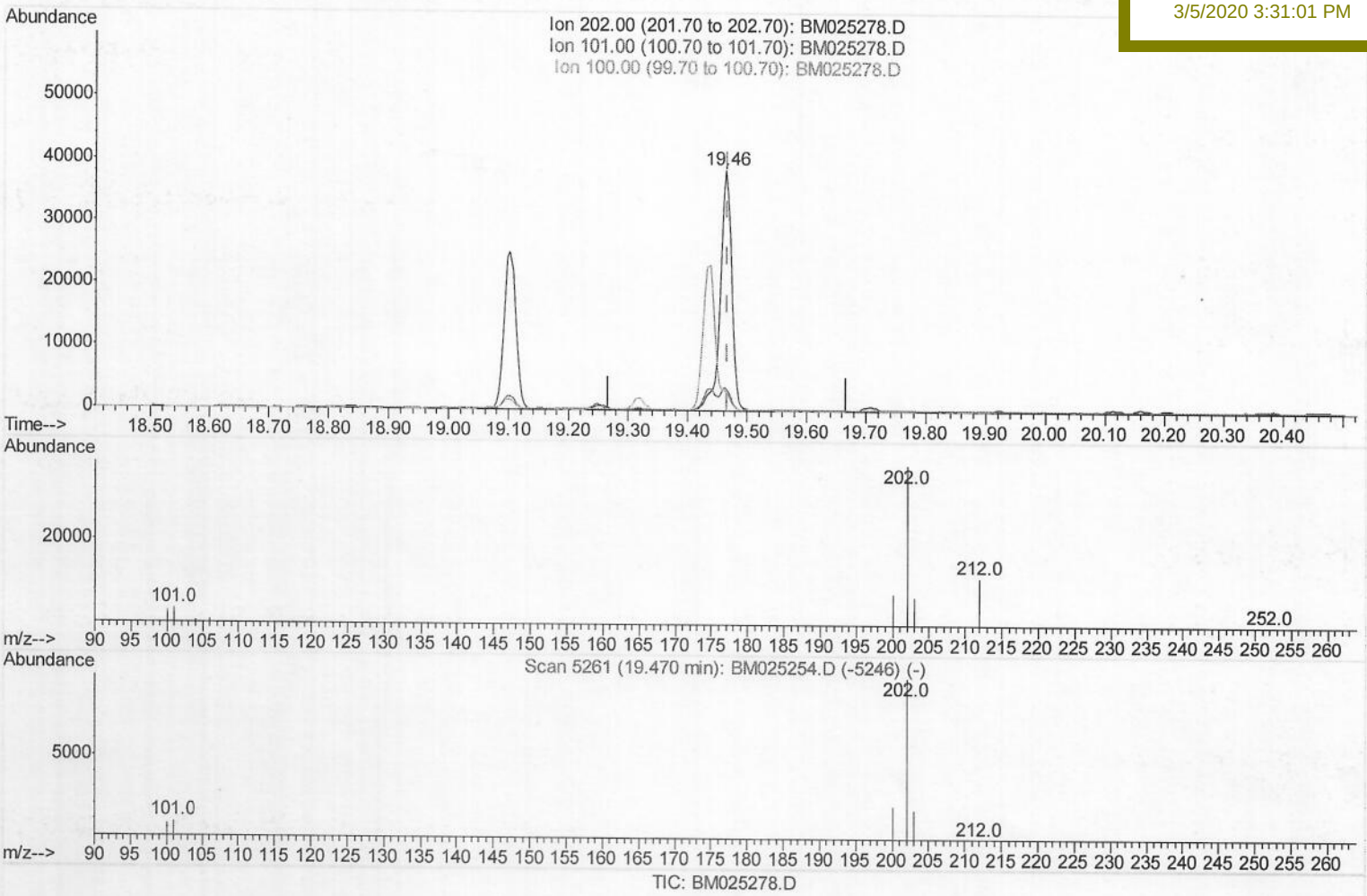


TIC: BM025278.D

(17) Pyrene

19.464min (-0.004) 0.52ng/ul

response 52529

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	9.32
100.00	9.10	7.88
0.00	0.00	0.00

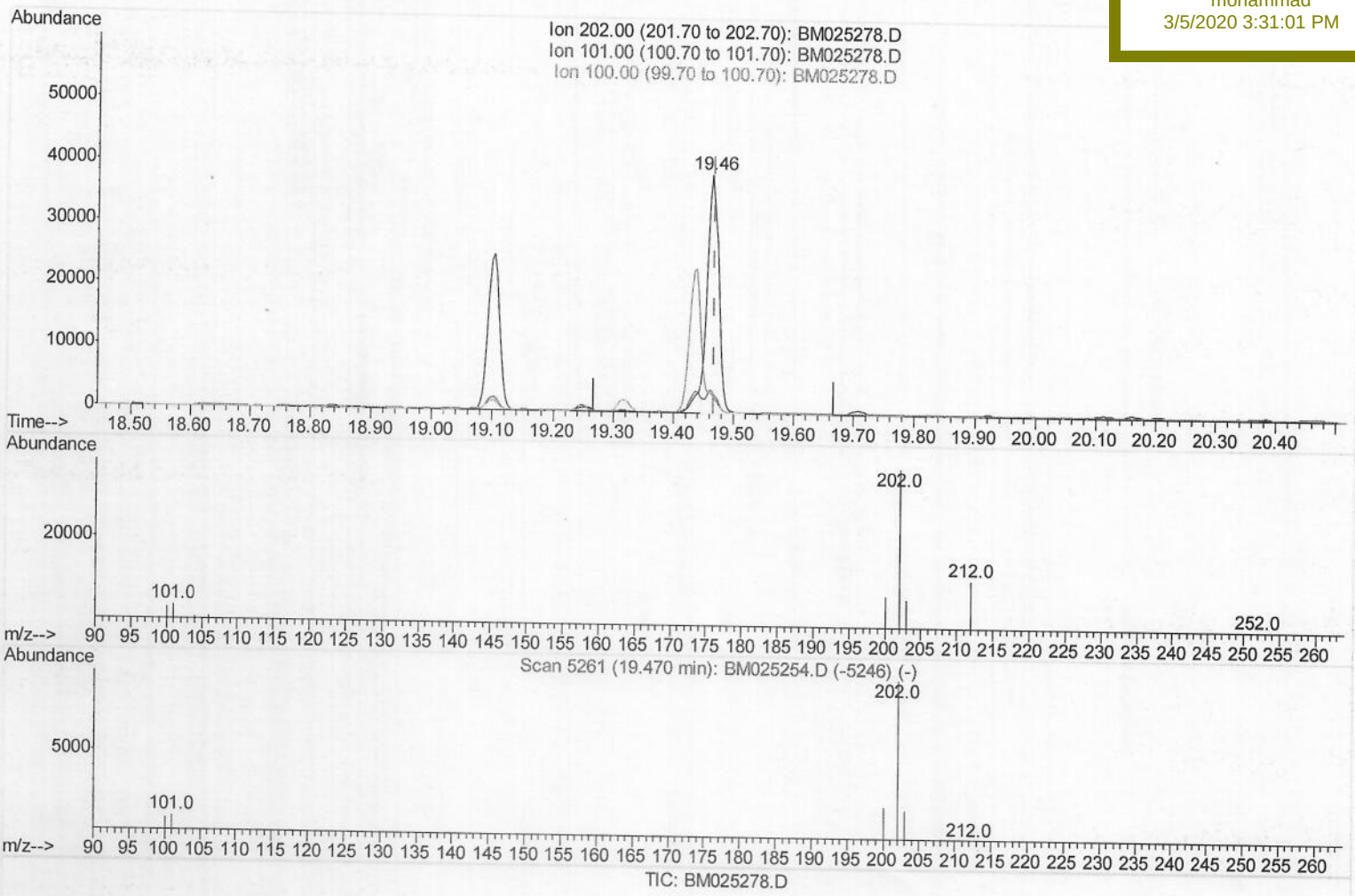
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:05:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD94

Manual Integrations APPROVED
mohammad
3/5/2020 3:31:01 PM



TIC: BM025278.D

(17) Pyrene

19.464min (-0.004) 0.48ng/ul m > JU 03/06/20

response 49192

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	9.32
100.00	9.10	7.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025278.D
Acq On : 05 Mar 2020 08:35
Operator : CG/JU
Sample : L1543-12
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Mar 05 14:06:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBD94

Manual Integrations APPROVED
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3/5/2020 3:31:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14929	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11280	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	27284m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	26817	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	24996	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	7184	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	25892	0.29	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.02	152	1619	0.031	ng/ul	94
12) Phenanthrene	17.08	178	2313	0.026	ng/ul	95
13) Anthracene	17.17	178	6008	0.077	ng/ul	97
15) Fluoranthene	19.10	202	32594	0.296	ng/ul	96
17) Pyrene	19.46	202	49192m	0.484	ng/ul	
18) Benzo(a)anthracene	21.21	228	22030	0.223	ng/ul	98
19) Chrysene	21.27	228	38123	0.352	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	75651m	0.756	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	25291m	0.241	ng/ul	
23) Benzo(a)pyrene	23.33	252	21978	0.262	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.59	276	18992	0.181	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	4523	0.052	ng/ul#	79
26) Benzo(g,h,i)perylene	26.26	276	11803	0.133	ng/ul#	95

JU 03/06/20

JU 03/06/20

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