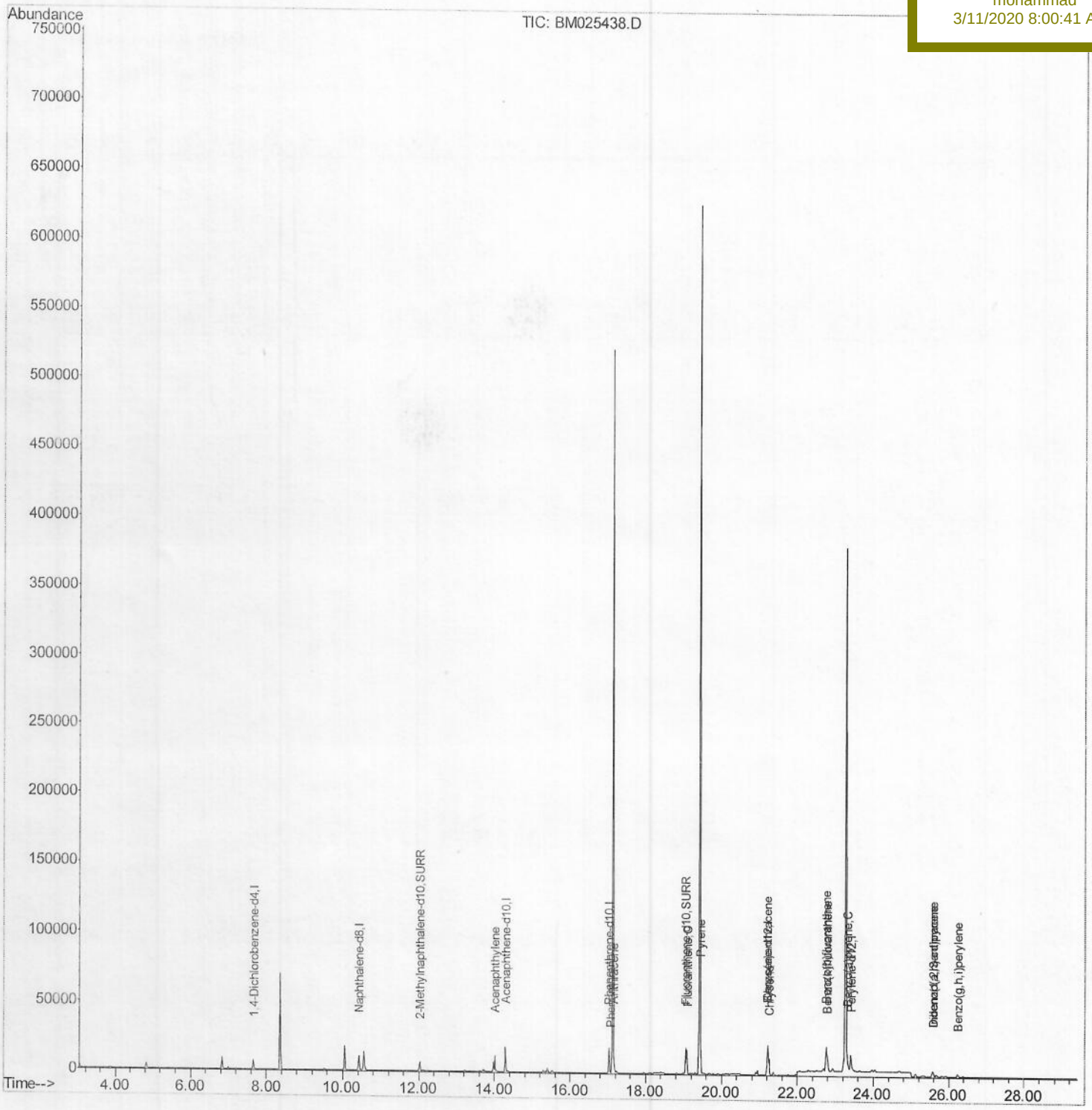
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 10 11:50:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM



SOM-EPA-SIM-BM030920.M Tue Mar 10 11:48:54 2020

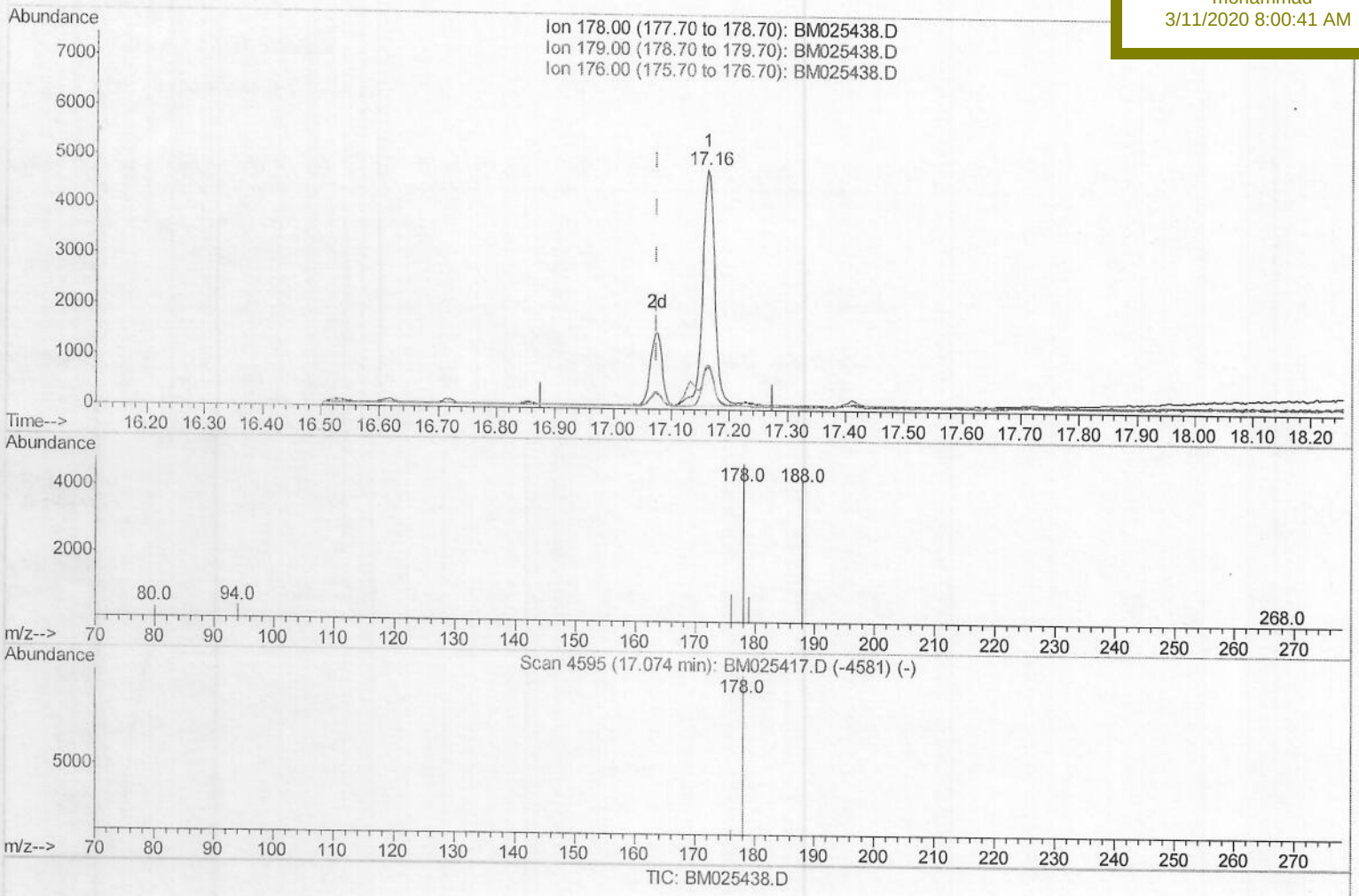
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 10 11:47:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM



TIC: BM025438.D

(12) Phenanthrene

17.162min (+0.087) 0.10ng/ul

response 6984

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	17.64
176.00	18.50	18.73
0.00	0.00	0.00

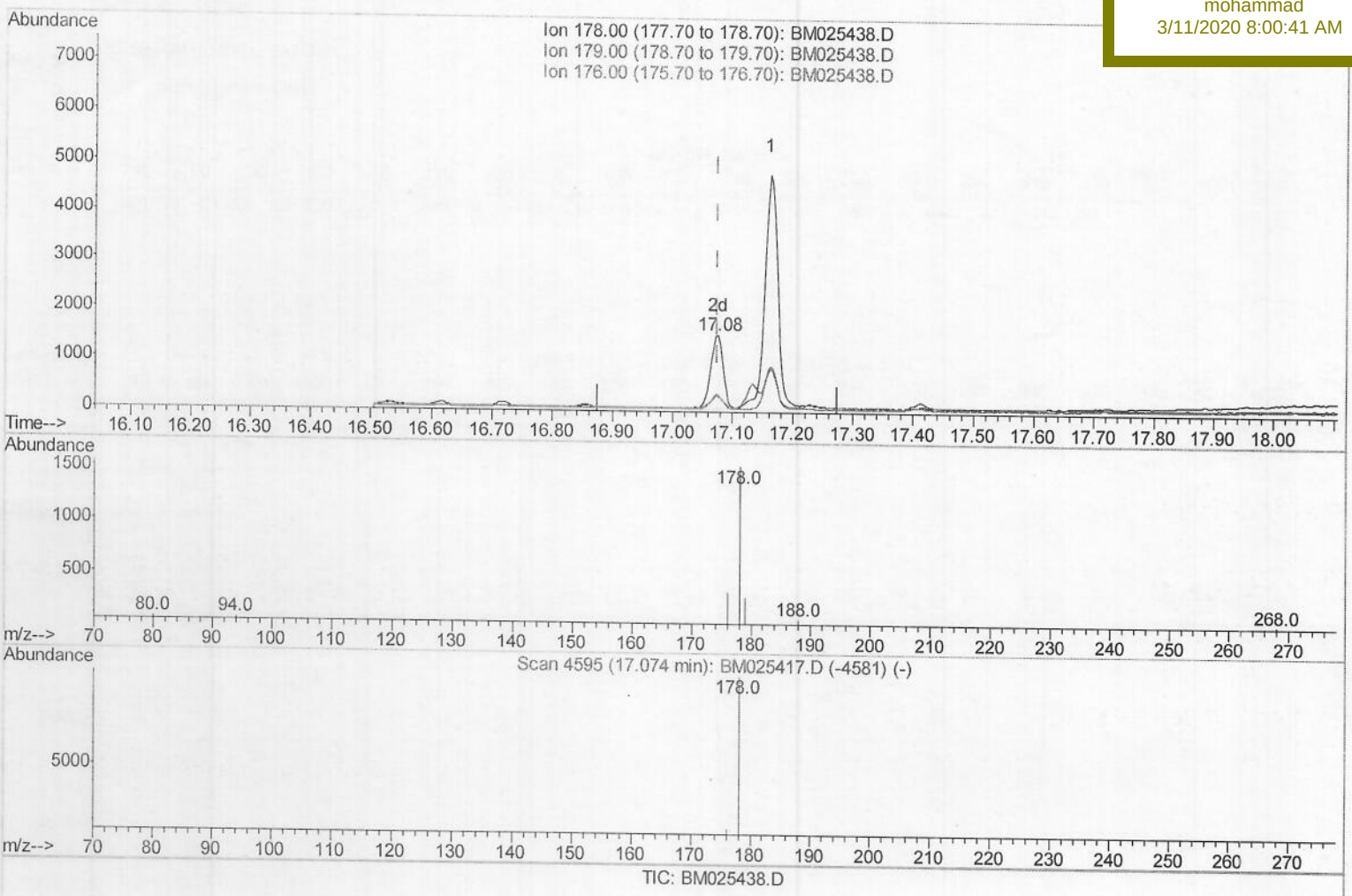
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 10 11:47:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM



TIC: BM025438.D

(12) Phenanthrene

17.075min (-0.000) 0.03ng/ul m > JU 03/11/20

response 2077

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	19.92#
176.00	18.50	22.85#
0.00	0.00	0.00

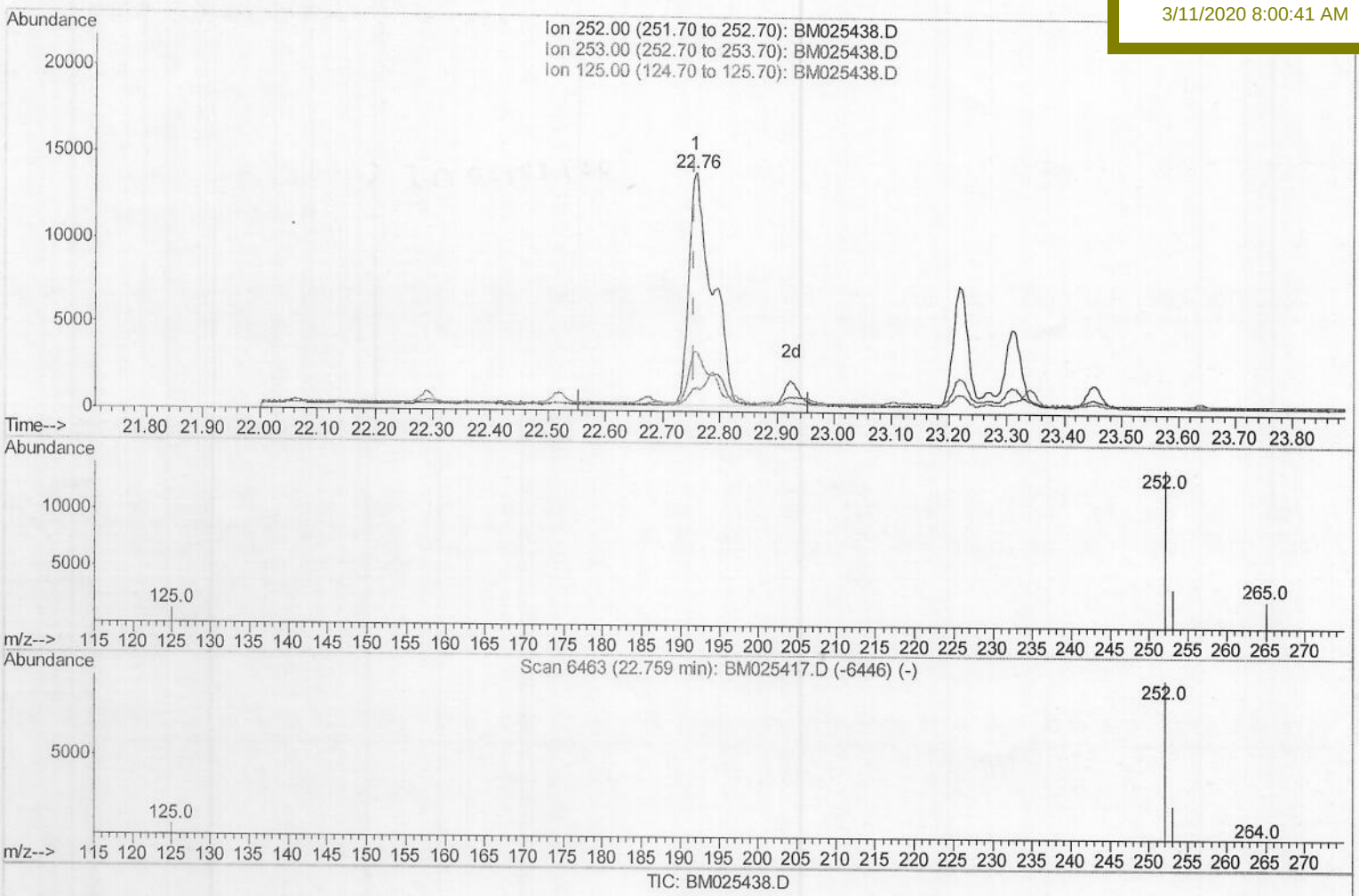
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 10 11:47:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM



TIC: BM025438.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.67ng/ul

response 38778

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.90
125.00	8.80	9.63
0.00	0.00	0.00

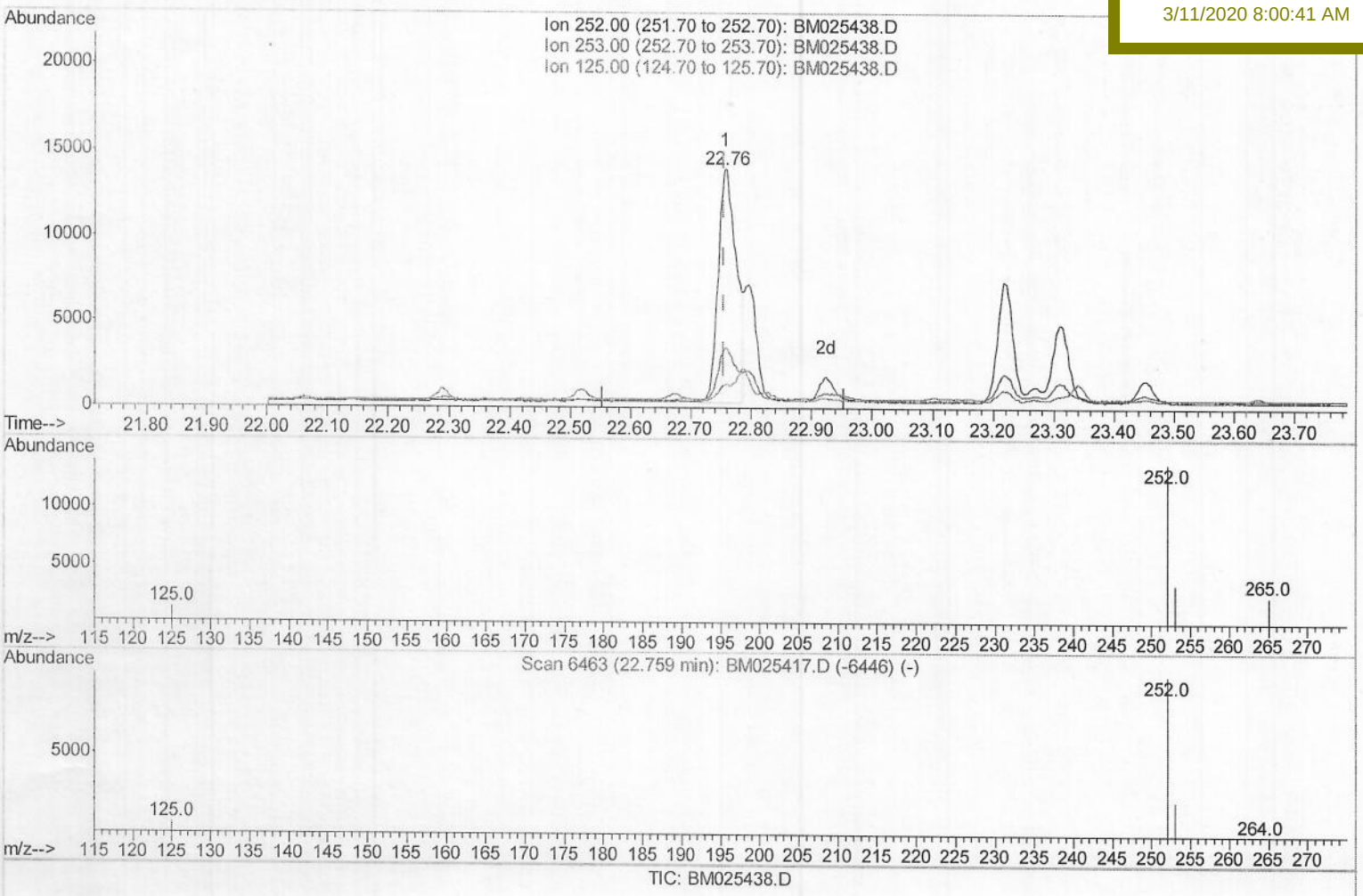
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 10 11:47:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM



TIC: BM025438.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.49ng/ul m SDV 03/11/20

response 28772

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.90
125.00	8.80	9.63
0.00	0.00	0.00

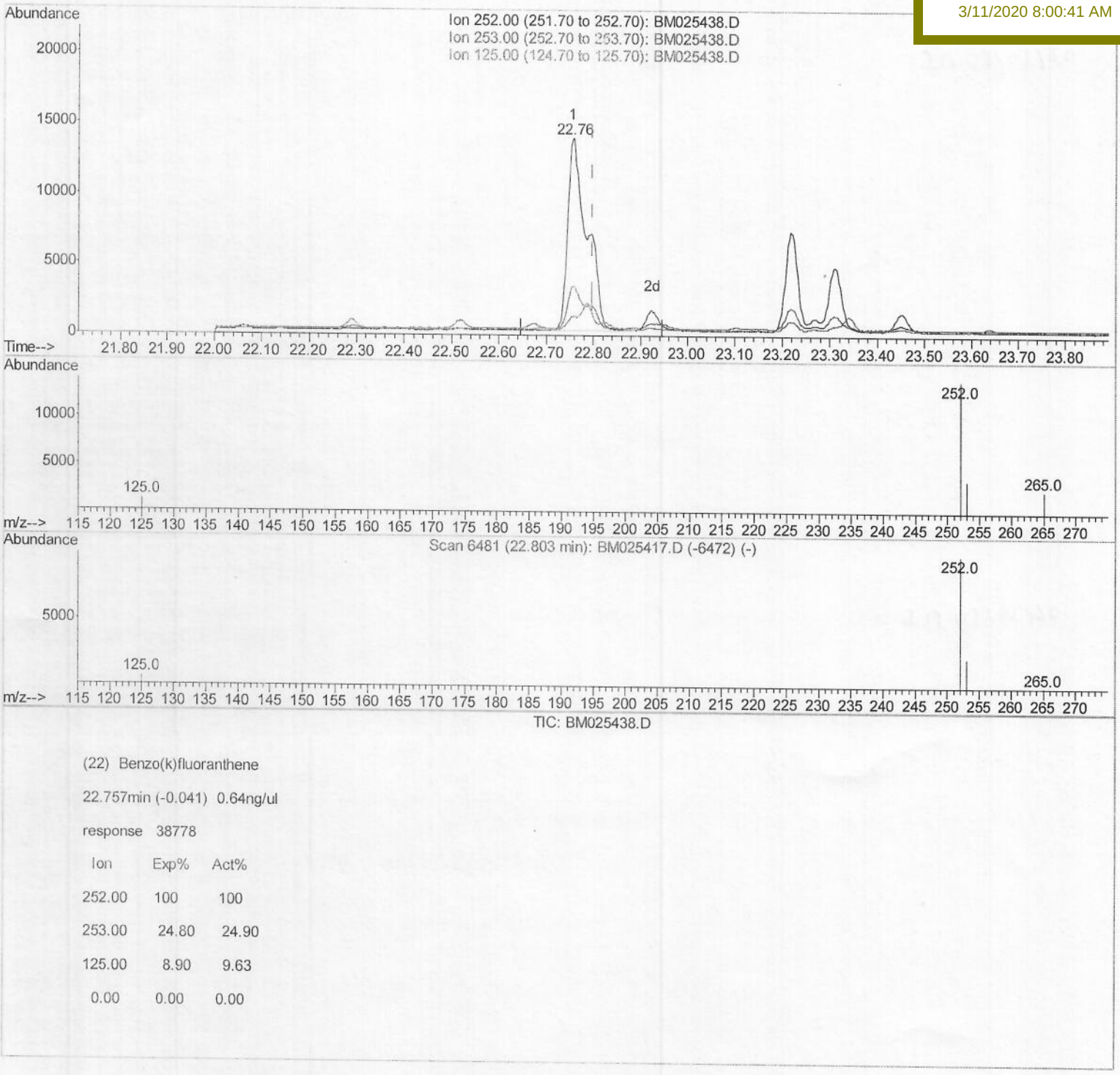
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 10 11:47:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM



TIC: BM025438.D

(22) Benzo(k)fluoranthene

22.757min (-0.041) 0.64ng/ul

response 38778

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.90
125.00	8.90	9.63
0.00	0.00	0.00

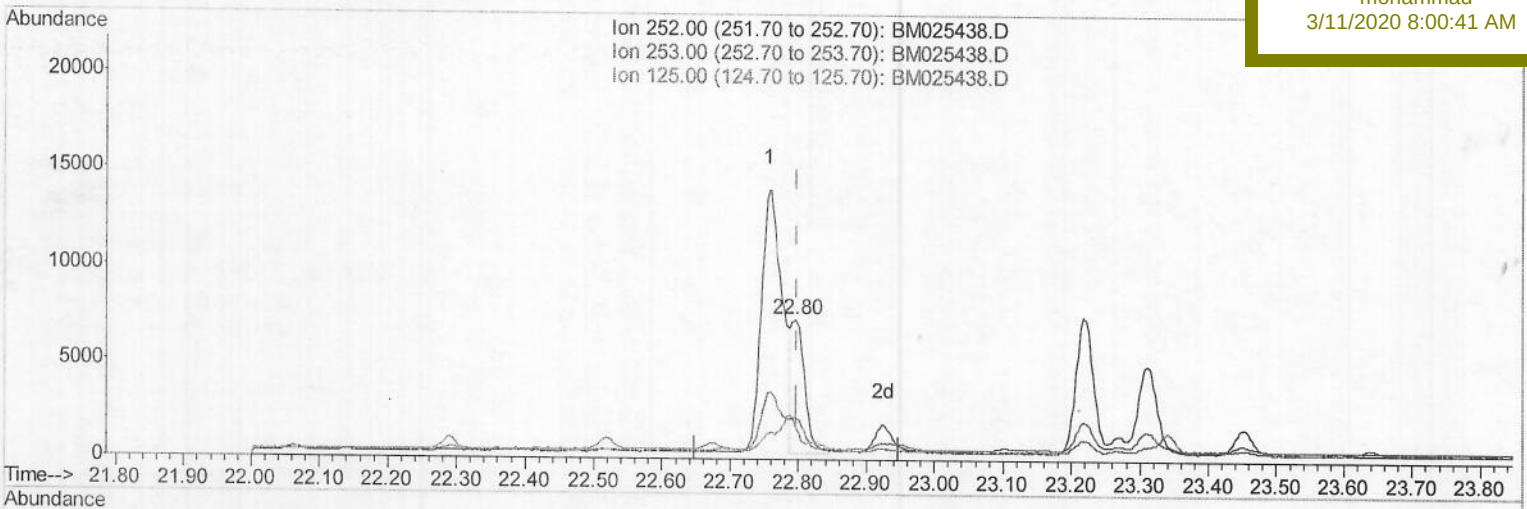
Quantitation Report (Qedit)

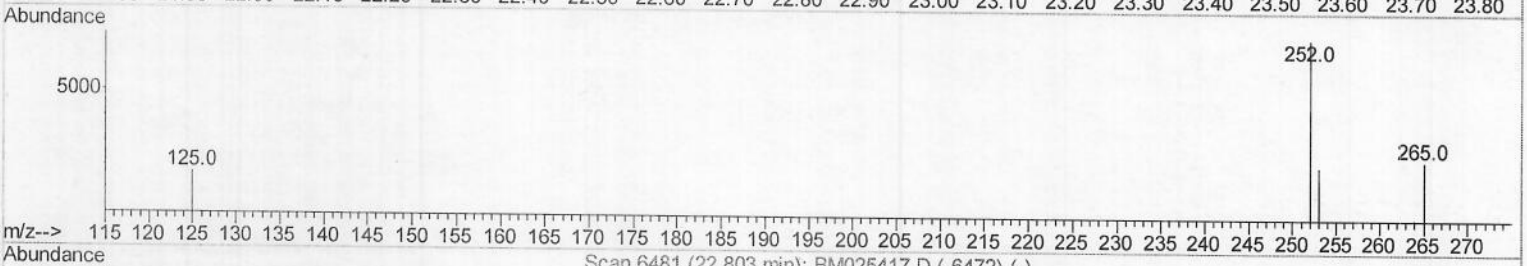
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

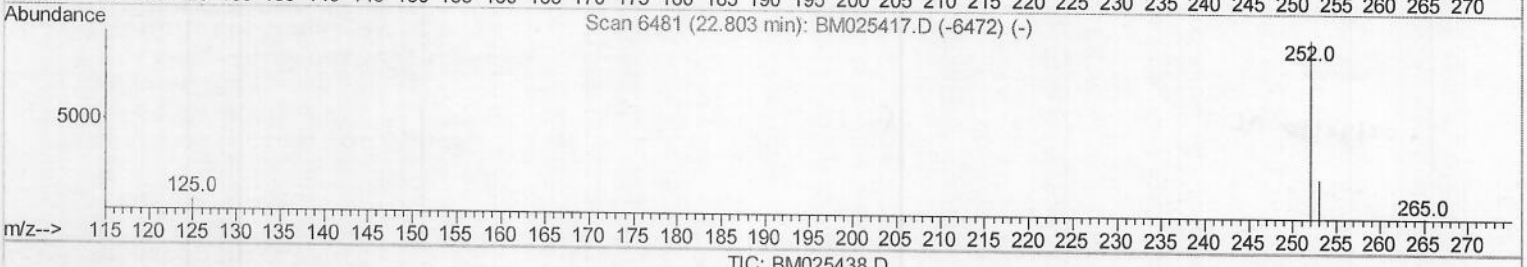
Quant Time: Mar 10 11:47:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM







TIC: BM025438.D

(22) Benzo(k)fluoranthene

22.796min (-0.003) 0.17ng/ul m > SV 03/11/20

response 10149

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	30.15#
125.00	8.90	24.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 10 11:50:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDL3

Manual Integrations APPROVED
mohammad
3/11/2020 8:00:41 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3314	0.40 ng/ul	0.00
2) Naphthalene-d8	10.43	136	14268	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9958	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21839	0.40 ng/ul	0.00
16) Chrysene-d12	21.22	240	16080	0.40 ng/ul	0.00
20) Perylene-d12	23.40	264	14689	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.02	152	8242	0.32 ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20786	0.35 ng/ul	0.00
Target Compounds					Qvalue
7) Acenaphthylene	14.01	152	1773	0.044 ng/ul#	91
12) Phenanthrene	17.08	178	2077m	0.030 ng/ul	
13) Anthracene	17.16	178	6879	0.114 ng/ul	97
15) Fluoranthene	19.09	202	14937	0.199 ng/ul	97
17) Pyrene	19.45	202	24552	0.340 ng/ul	98
18) Benzo(a)anthracene	21.20	228	10114	0.176 ng/ul	96
19) Chrysene	21.26	228	8508	0.132 ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	28772m	0.495 ng/ul	
22) Benzo(k)fluoranthene	22.80	252	10149m	0.167 ng/ul	
23) Benzo(a)pyrene	23.31	252	8688	0.180 ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.58	276	6853	0.105 ng/ul#	96
25) Dibenzo(a,h)anthracene	25.58	278	1921	0.035 ng/ul#	57
26) Benzo(g,h,i)perylene	26.24	276	3937	0.069 ng/ul#	90

JV 03/11/20

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