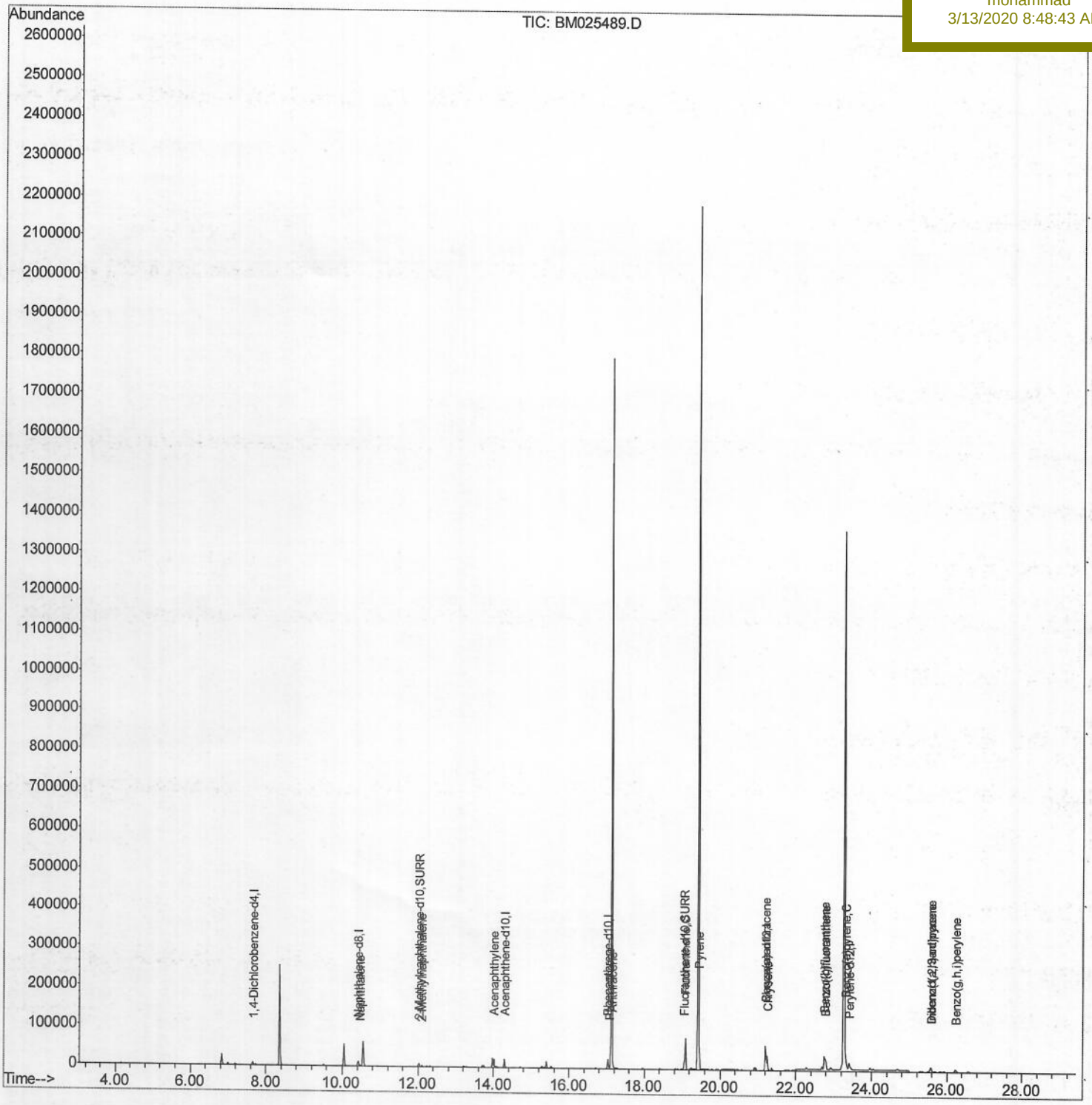
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025489.D
Acq On : 11 Mar 2020 13:50
Operator : CG/JU
Sample : L1677-12
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Mar 11 14:45:05 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 : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM



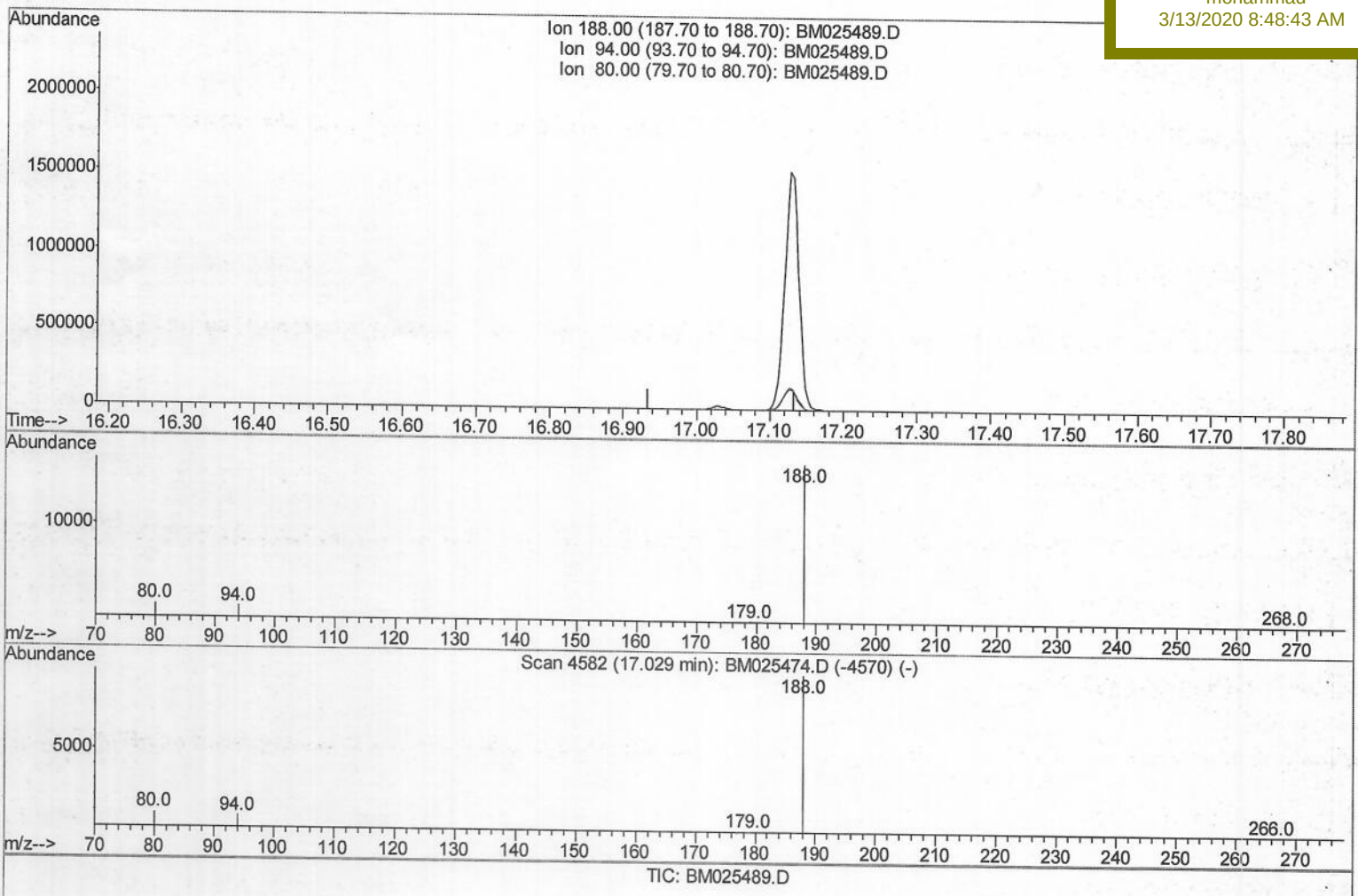
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025489.D
Acq On : 11 Mar 2020 13:50
Operator : CG/JU
Sample : L1677-12
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Mar 11 14:41:26 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 : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM



TIC: BM025489.D

(10) Phenanthrene-d10 (I)

17.034min (-17.034) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	7.10	0.00#
80.00	8.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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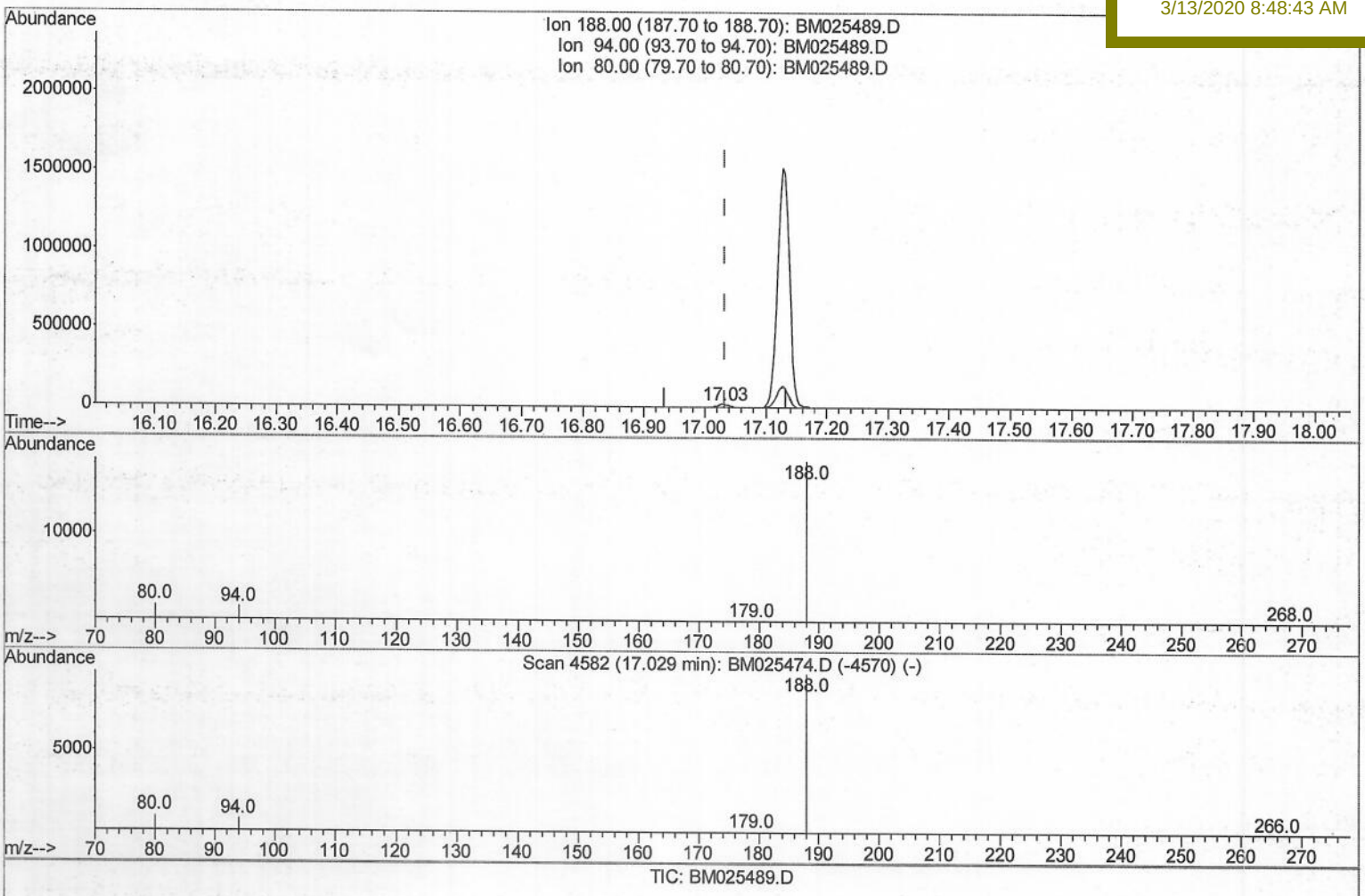
Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM



(10) Phenanthrene-d10 (I)

17.030min (-0.004) 0.40ng/ul m JU 03/16/20

response 25642

Ion	Exp%	Act%
188.00	100	100
94.00	7.10	8.18
80.00	8.70	9.51
0.00	0.00	0.00

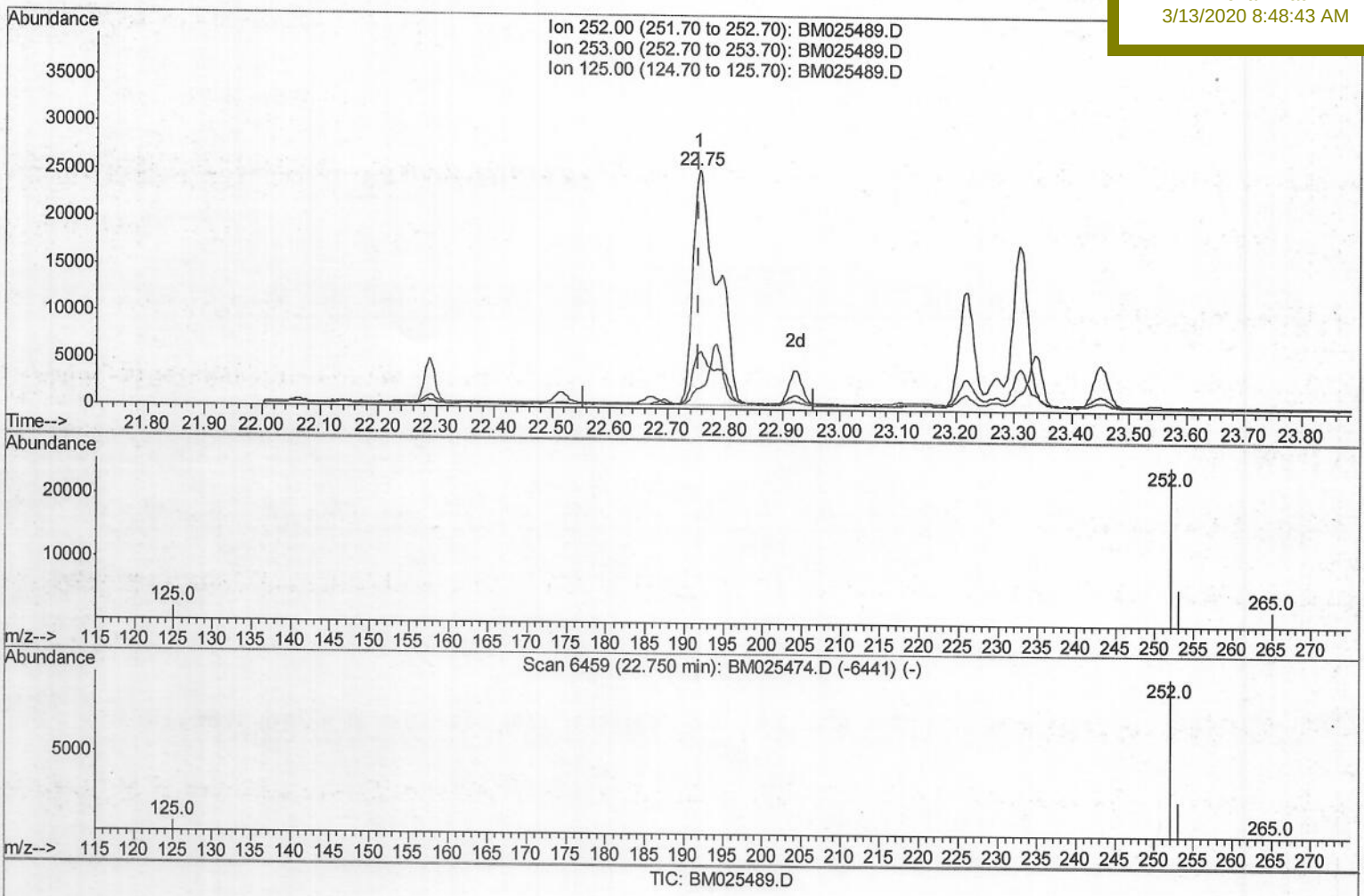
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025489.D
Acq On : 11 Mar 2020 13:50
Operator : CG/JU
Sample : L1677-12
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Mar 11 14:42:51 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 : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM



TIC: BM025489.D

(21) Benzo(b)fluoranthene

22.755min (-0.000) 0.93ng/ul

response 73585

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.75
125.00	8.80	8.88
0.00	0.00	0.00

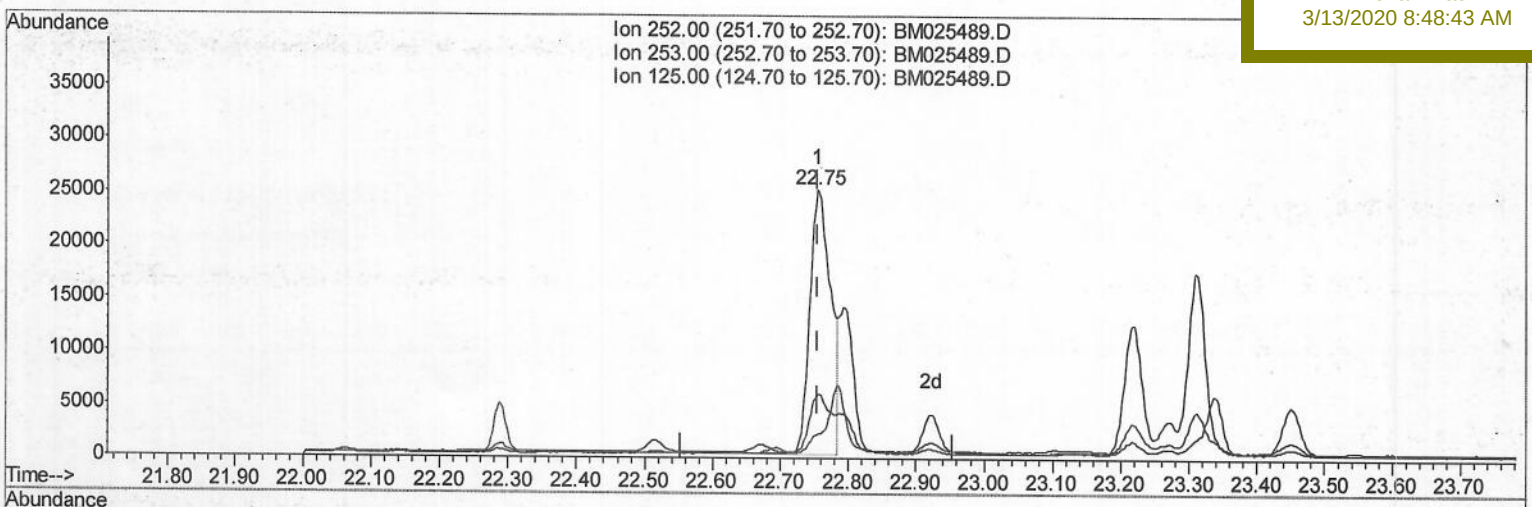
Quantitation Report (Qedit)

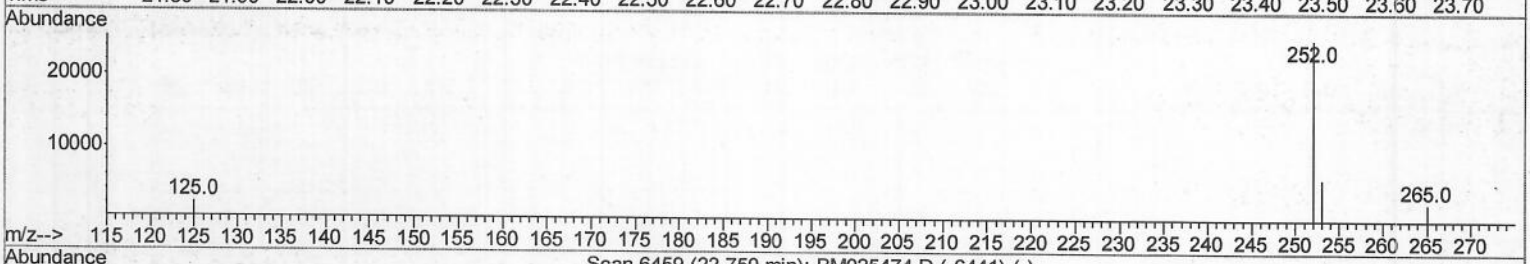
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025489.D
Acq On : 11 Mar 2020 13:50
Operator : CG/JU
Sample : L1677-12
Misc :
ALS Vial : 82 Sample Multiplier: 1

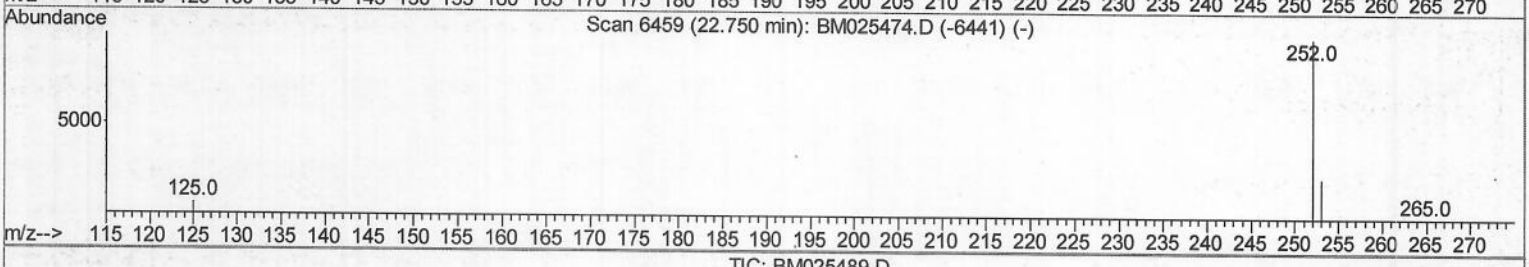
Quant Time: Mar 11 14:42:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM







TIC: BM025489.D

(21) Benzo(b)fluoranthene

22.755min (-0.000) 0.67ng/ul m JV 03/16/20

response 53067

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.75
125.00	8.80	8.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025489.D
Acq On : 11 Mar 2020 13:50
Operator : CG/JU
Sample : L1677-12
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Mar 11 14:42:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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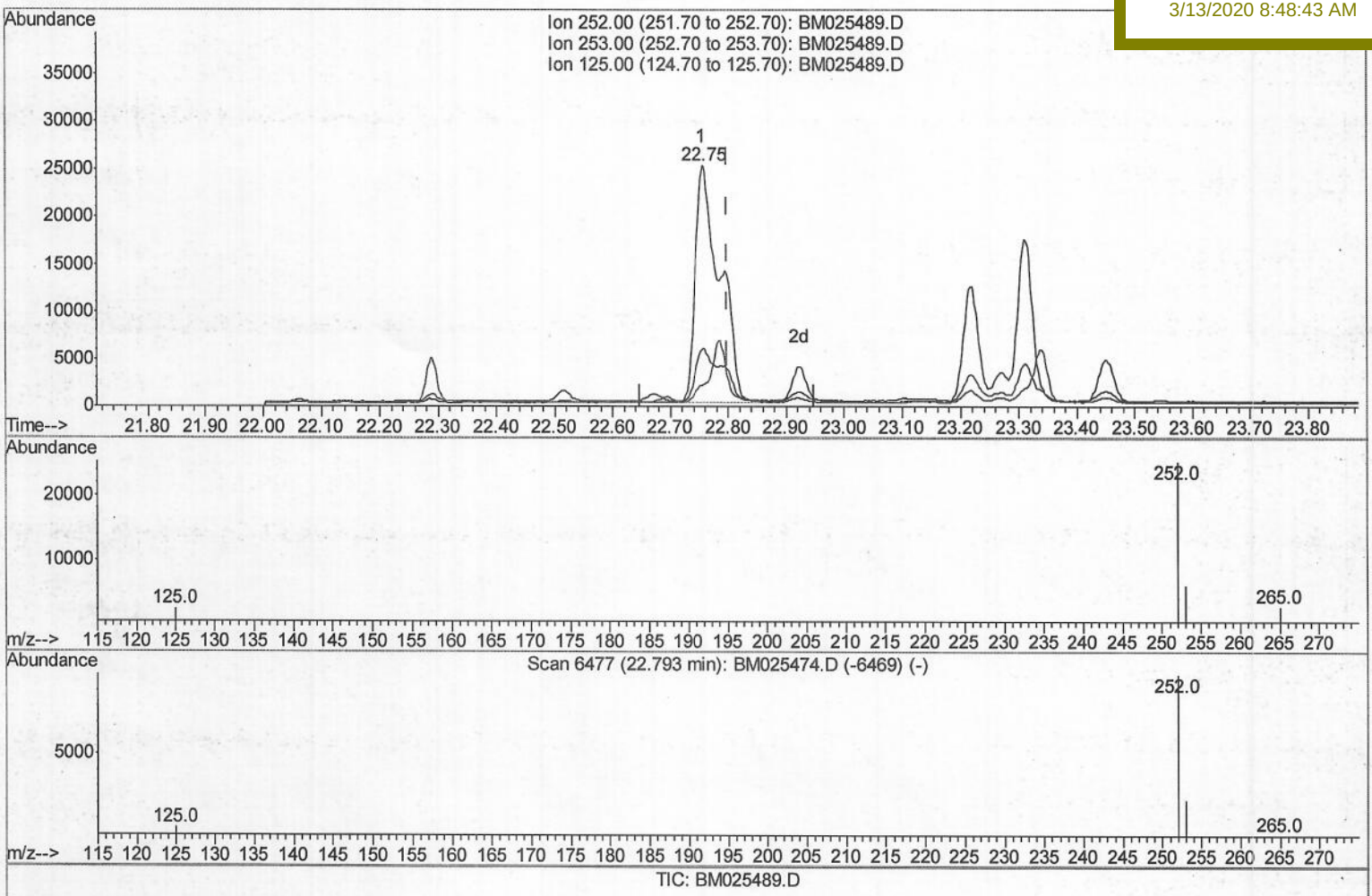
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM



TIC: BM025489.D

(22) Benzo(k)fluoranthene

22.755min (-0.044) 0.89ng/ul

response 73585

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.75
125.00	8.90	8.88
0.00	0.00	0.00

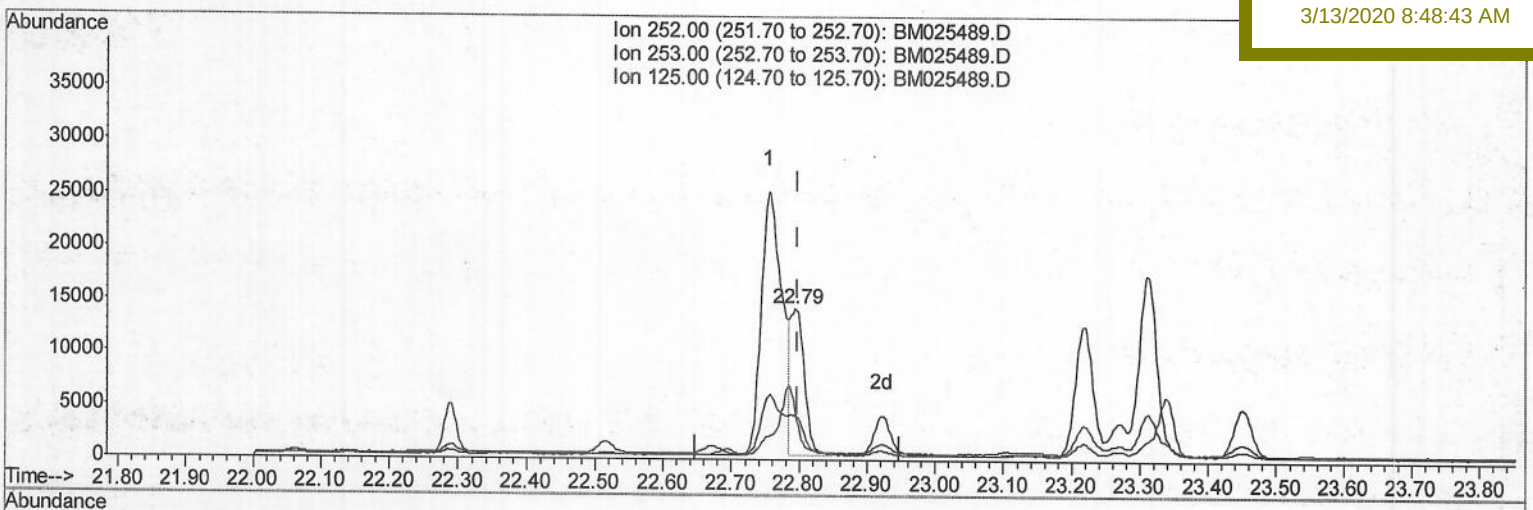
Quantitation Report (Qedit)

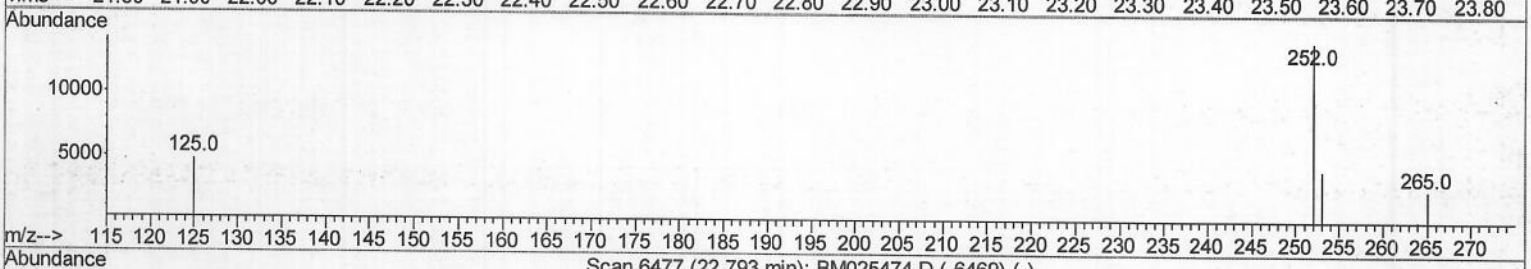
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025489.D
Acq On : 11 Mar 2020 13:50
Operator : CG/JU
Sample : L1677-12
Misc :
ALS Vial : 82 Sample Multiplier: 1

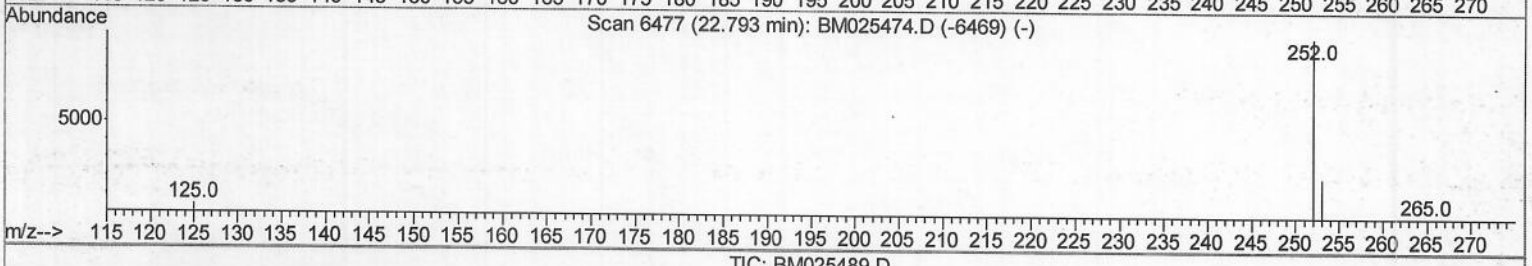
Quant Time: Mar 11 14:42:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM







TIC: BM025489.D

(22) Benzo(k)fluoranthene

22.793min (-0.005) 0.25ng/ul m> JV 03/16/20

response 20402

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	29.58
125.00	8.90	33.71#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM025489.D
Acq On : 11 Mar 2020 13:50
Operator : CG/JU
Sample : L1677-12
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Mar 11 14:45:05 2020
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QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0CC2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3240	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14606	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11081	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25642m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	22514	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9057	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	26105	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	1119	0.026	ng/ul#	81
5) 2-Methylnaphthalene	12.10	142	902	0.029	ng/ul	96
7) Acenaphthylene	14.00	152	3646	0.081	ng/ul	97
12) Phenanthrene	17.07	178	9954	0.122	ng/ul	99
13) Anthracene	17.16	178	3903	0.055	ng/ul#	94
15) Fluoranthene	19.09	202	65338	0.742	ng/ul	98
17) Pyrene	19.45	202	65511	0.648	ng/ul	99
18) Benzo(a)anthracene	21.20	228	49115	0.610	ng/ul	98
19) Chrysene	21.25	228	38780	0.429	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	53067m	0.671	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	20402m	0.246	ng/ul	
23) Benzo(a)pyrene	23.31	252	31042	0.472	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	17400	0.195	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	4430	0.059	ng/ul#	81
26) Benzo(g,h,i)perylene	26.23	276	14503	0.188	ng/ul#	96

JV 03/16/20

JV 03/16/20

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