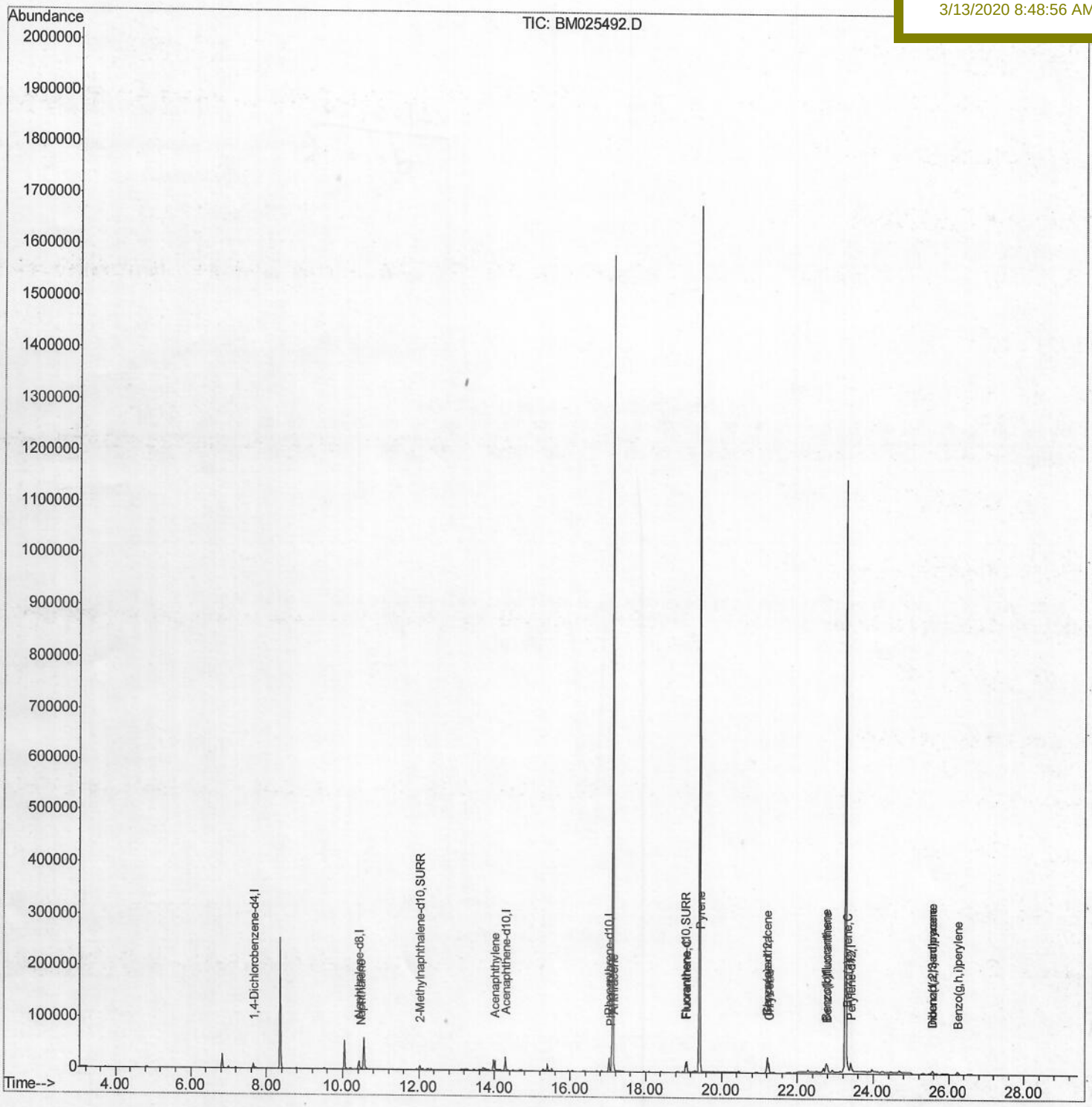
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025492.D
Acq On : 11 Mar 2020 15:40
Operator : CG/JU
Sample : L1677-14
Misc :
ALS Vial : 85 Sample Multiplier: 1

Quant Time: Mar 11 16:29:06 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 :
C0CD2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:56 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025492.D
Acq On : 11 Mar 2020 15:40
Operator : CG/JU
Sample : L1677-14
Misc :
ALS Vial : 85 Sample Multiplier: 1

Quant Time: Mar 11 16:26:57 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
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Instrument :
BNA_M
ClientSampleId :
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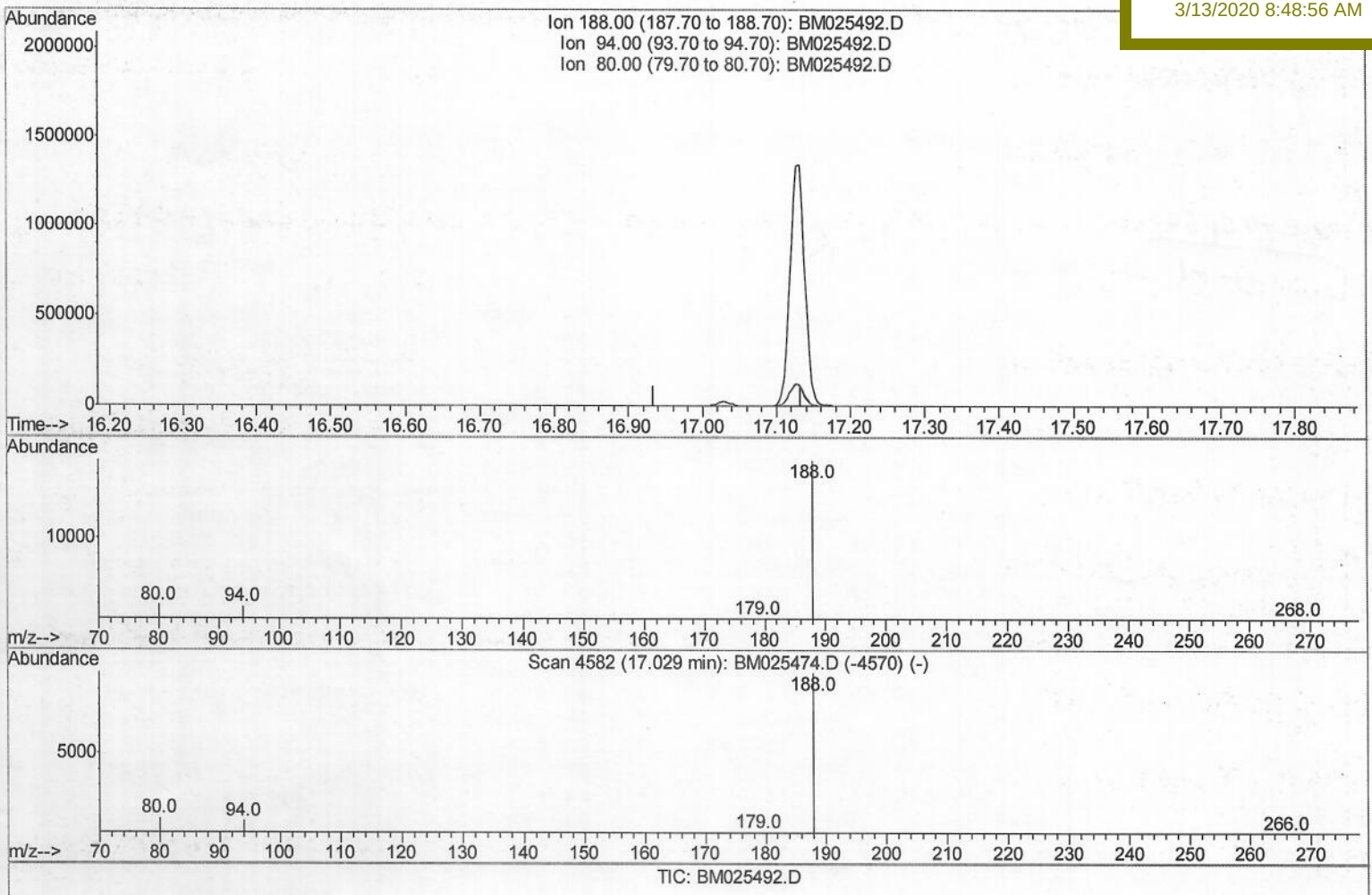
Manual Integrations APPROVED
mohammad
3/13/2020 8:48:56 AM



TIC: BM025492.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

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mohammad
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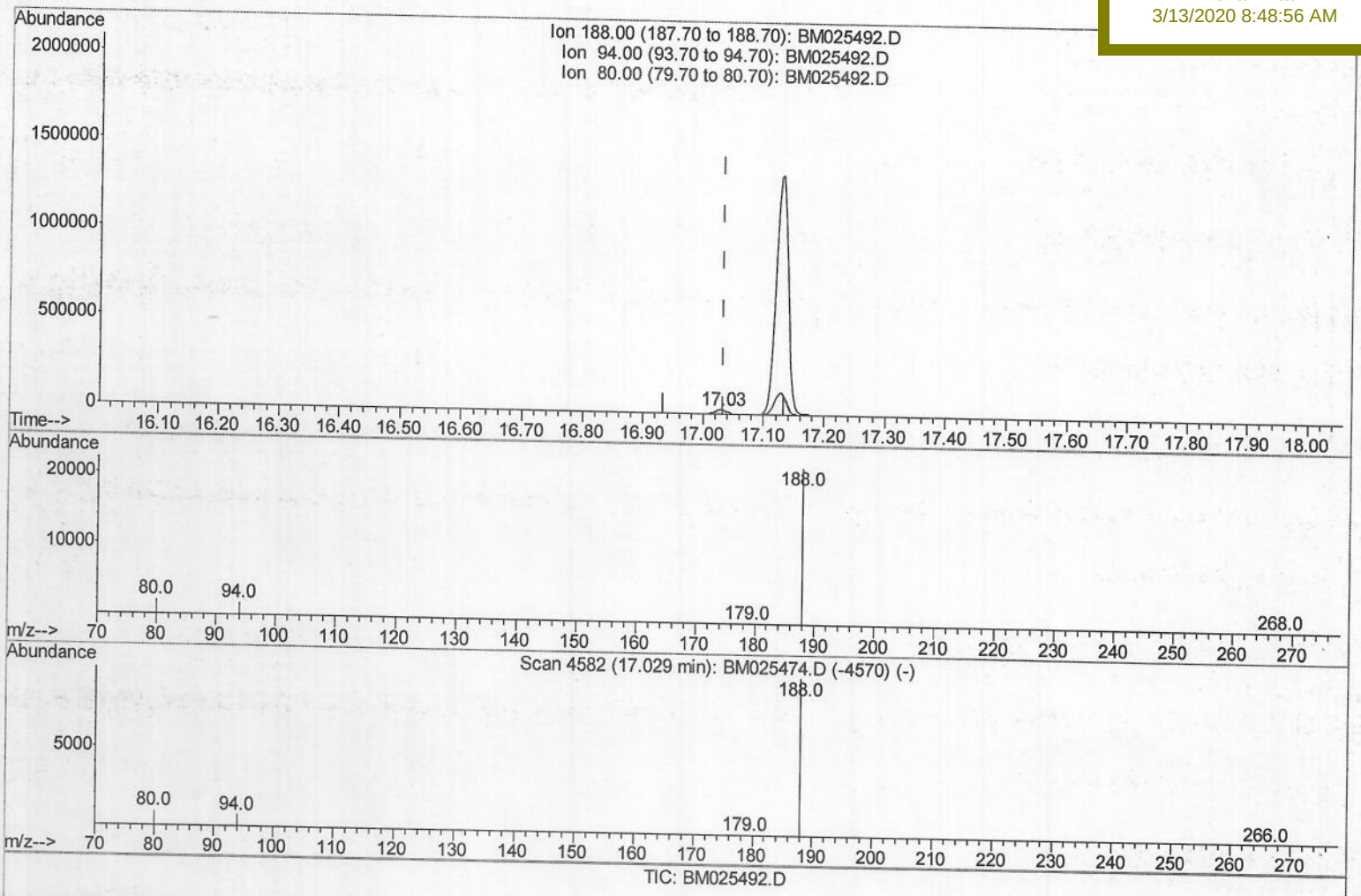


TIC: BM025492.D

(10) Phenanthrene-d10 (I)

17.030min (-0.003) 0.40ng/ul m JV 03/16/20

response 29869

Ion	Exp%	Act%
188.00	100	100
94.00	7.10	7.91
80.00	8.70	9.33
0.00	0.00	0.00

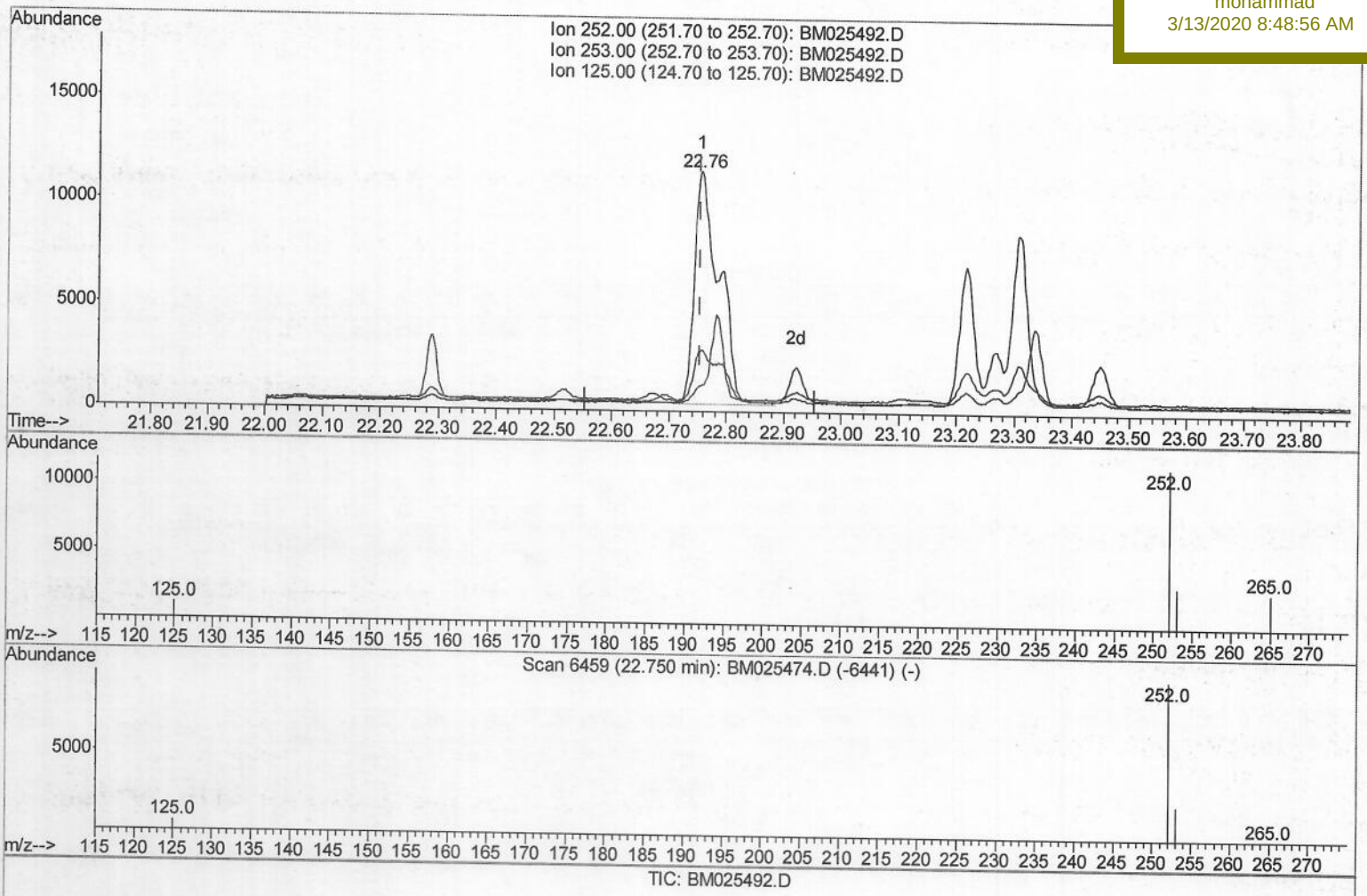
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025492.D
Acq On : 11 Mar 2020 15:40
Operator : CG/JU
Sample : L1677-14
Misc :
ALS Vial : 85 Sample Multiplier: 1

Quant Time: Mar 11 16:27:24 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 :
C0CD2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:56 AM



TIC: BM025492.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.41ng/ul

response 33275

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	26.03
125.00	8.80	10.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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Operator : CG/JU
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Misc :
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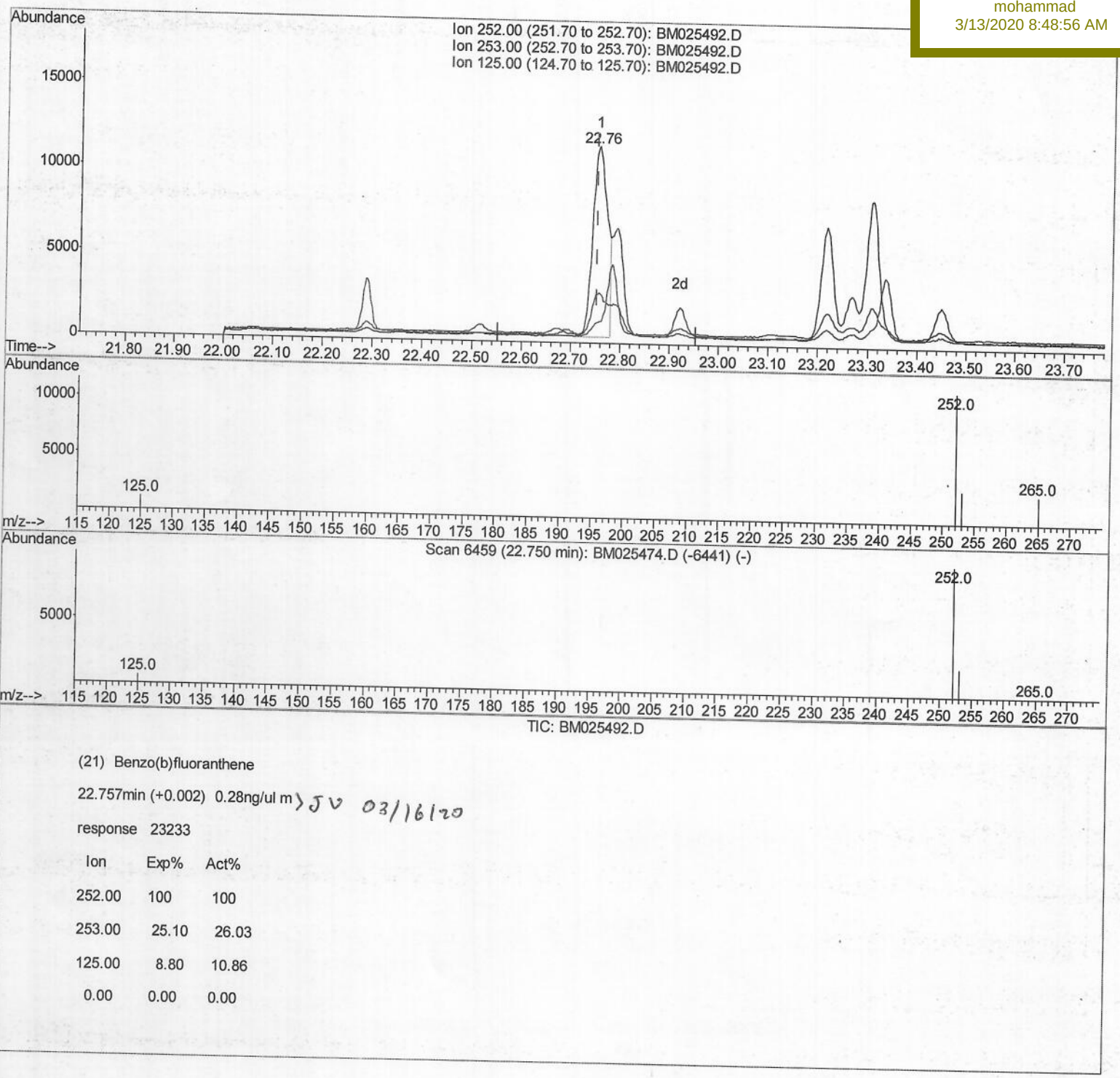
Instrument :
BNA_M
ClientSampleId :
C0CD2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:56 AM



TIC: BM025492.D

(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.28ng/ul m JV 03/16/20

response 23233

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	26.03
125.00	8.80	10.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025492.D
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Operator : CG/JU
Sample : L1677-14
Misc :
ALS Vial : 85 Sample Multiplier: 1

Quant Time: Mar 11 16:27:24 2020
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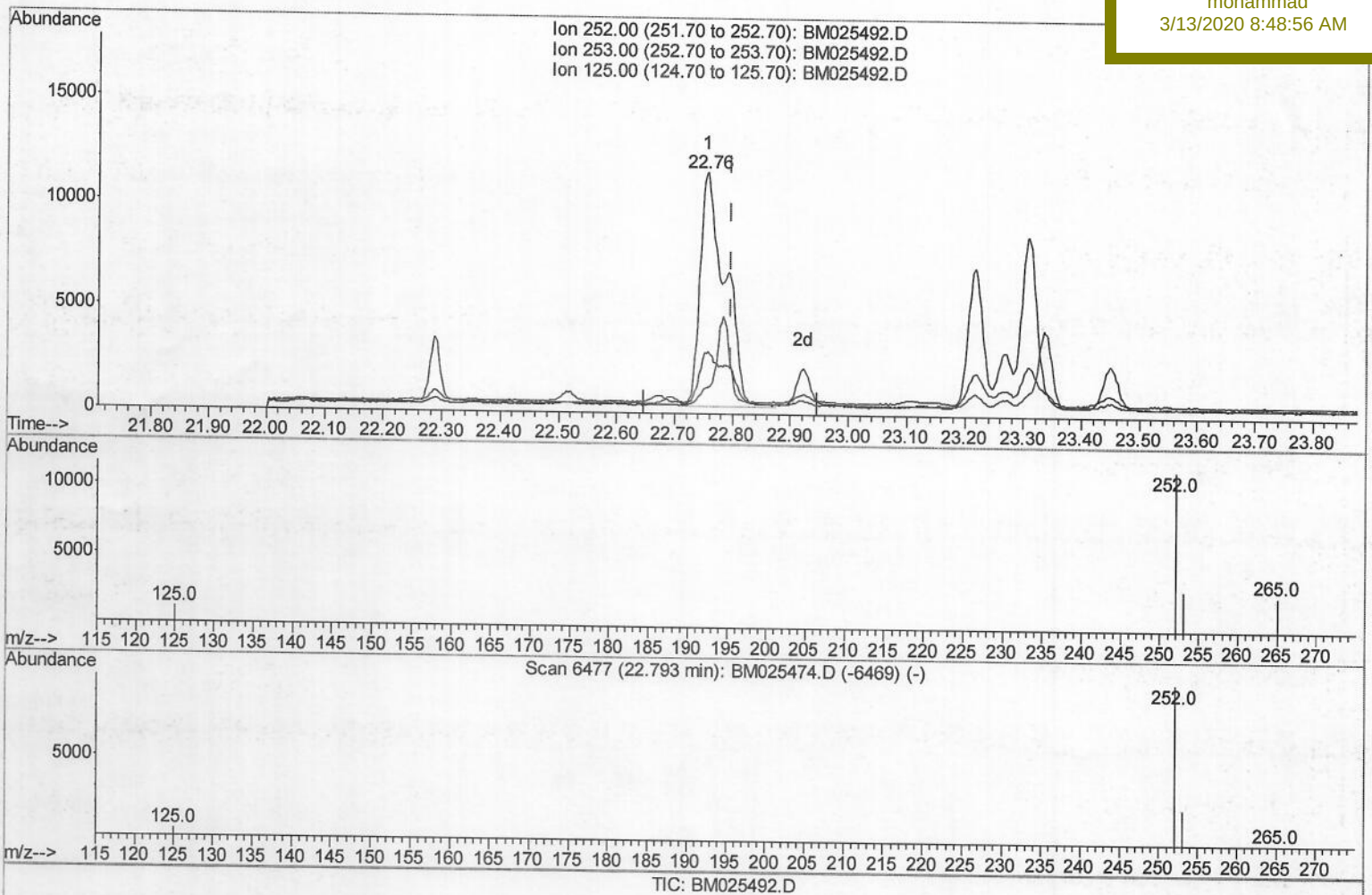
Instrument :
BNA_M
ClientSampleId :
C0CD2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:56 AM



TIC: BM025492.D

(22) Benzo(k)fluoranthene

22.757min (-0.042) 0.39ng/ul

response 33234

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.03
125.00	8.90	10.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025492.D
Acq On : 11 Mar 2020 15:40
Operator : CG/JU
Sample : L1677-14
Misc :
ALS Vial : 85 Sample Multiplier: 1

Quant Time: Mar 11 16:27:24 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
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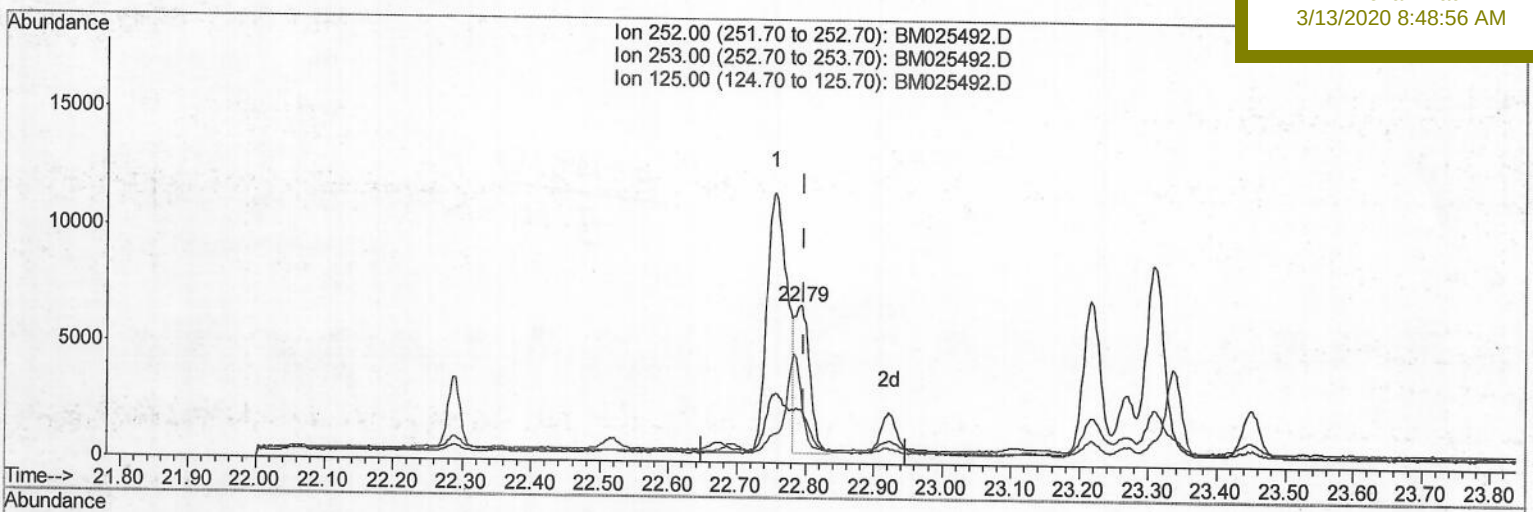
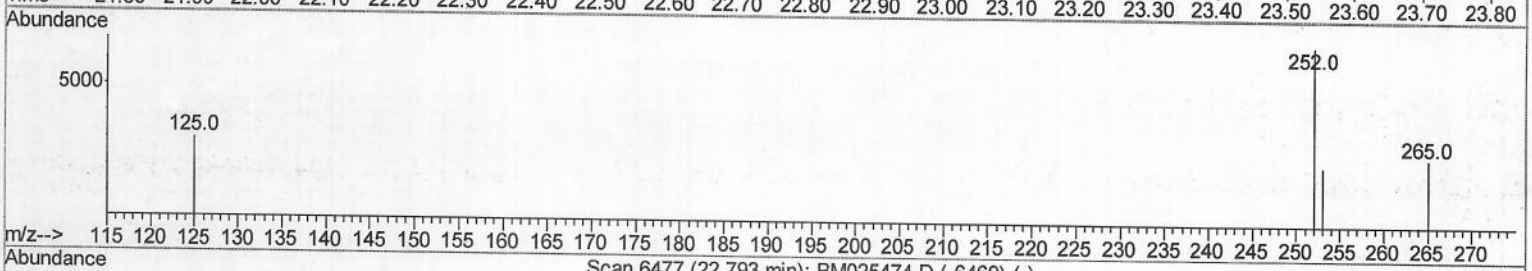
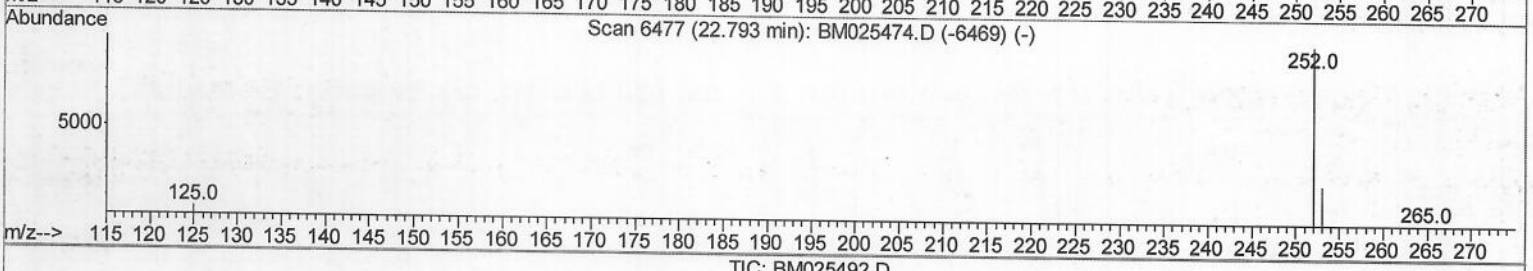
Instrument :
BNA_M
ClientSampleId :
C0CD2

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:56 AM







TIC: BM025492.D

(22) Benzo(k)fluoranthene

22.793min (-0.005) 0.12ng/ul m JV 03/16/20

response 9886

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	34.04#
125.00	8.90	44.94#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
3/13/2020 8:48:56 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4374	0.40 ng/ul	0.00
2) Naphthalene-d8	10.42	136	19480	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.29	164	14228	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.03	188	29869m)	0.40 ng/ul	0.00
16) Chrysene-d12	21.22	240	20720	0.40 ng/ul	0.00
20) Perylene-d12	23.40	264	20712	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.02	152	9151	0.26 ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20623	0.25 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.47	128	1597	0.028 ng/ul#	90
7) Acenaphthylene	14.00	152	1846	0.032 ng/ul#	91
12) Phenanthrene	17.07	178	4828	0.051 ng/ul	95
13) Anthracene	17.16	178	3159	0.038 ng/ul#	93
15) Fluoranthene	19.09	202	18212	0.177 ng/ul	96
17) Pyrene	19.45	202	21984	0.236 ng/ul#	95
18) Benzo(a)anthracene	21.20	228	13218	0.178 ng/ul	97
19) Chrysene	21.25	228	18188	0.219 ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	23233m	0.283 ng/ul	
22) Benzo(k)fluoranthene	22.79	252	9886m	0.115 ng/ul	
23) Benzo(a)pyrene	23.31	252	15315	0.225 ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	10075	0.109 ng/ul#	95
25) Dibenzo(a,h)anthracene	25.58	278	2929	0.038 ng/ul#	65
26) Benzo(g,h,i)perylene	26.24	276	9103	0.114 ng/ul#	95

JV 03/16/20

JV 03/16/20

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