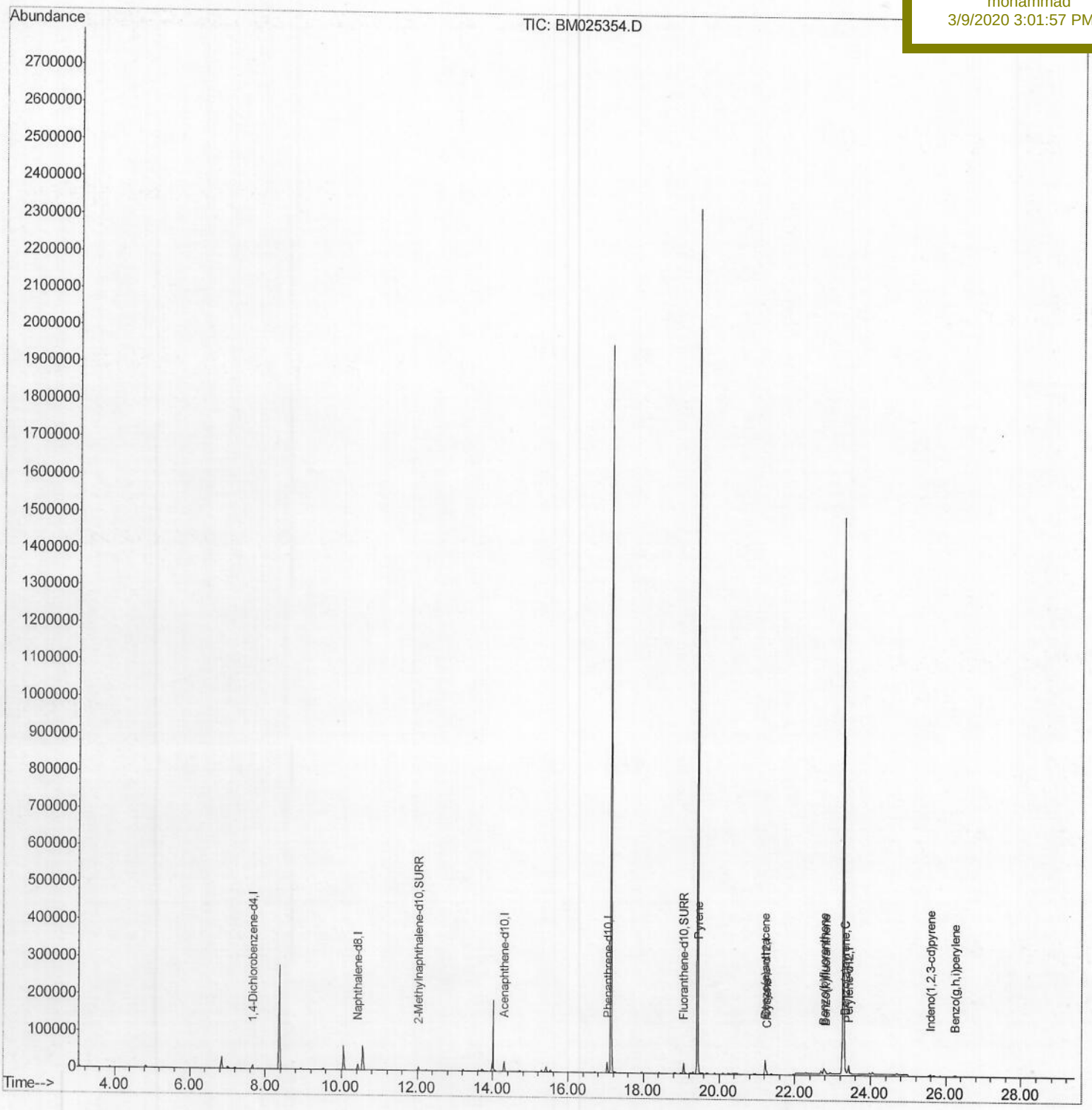
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:55:06 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 : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
mohammad
3/9/2020 3:01:57 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:52:59 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 : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
mohammad
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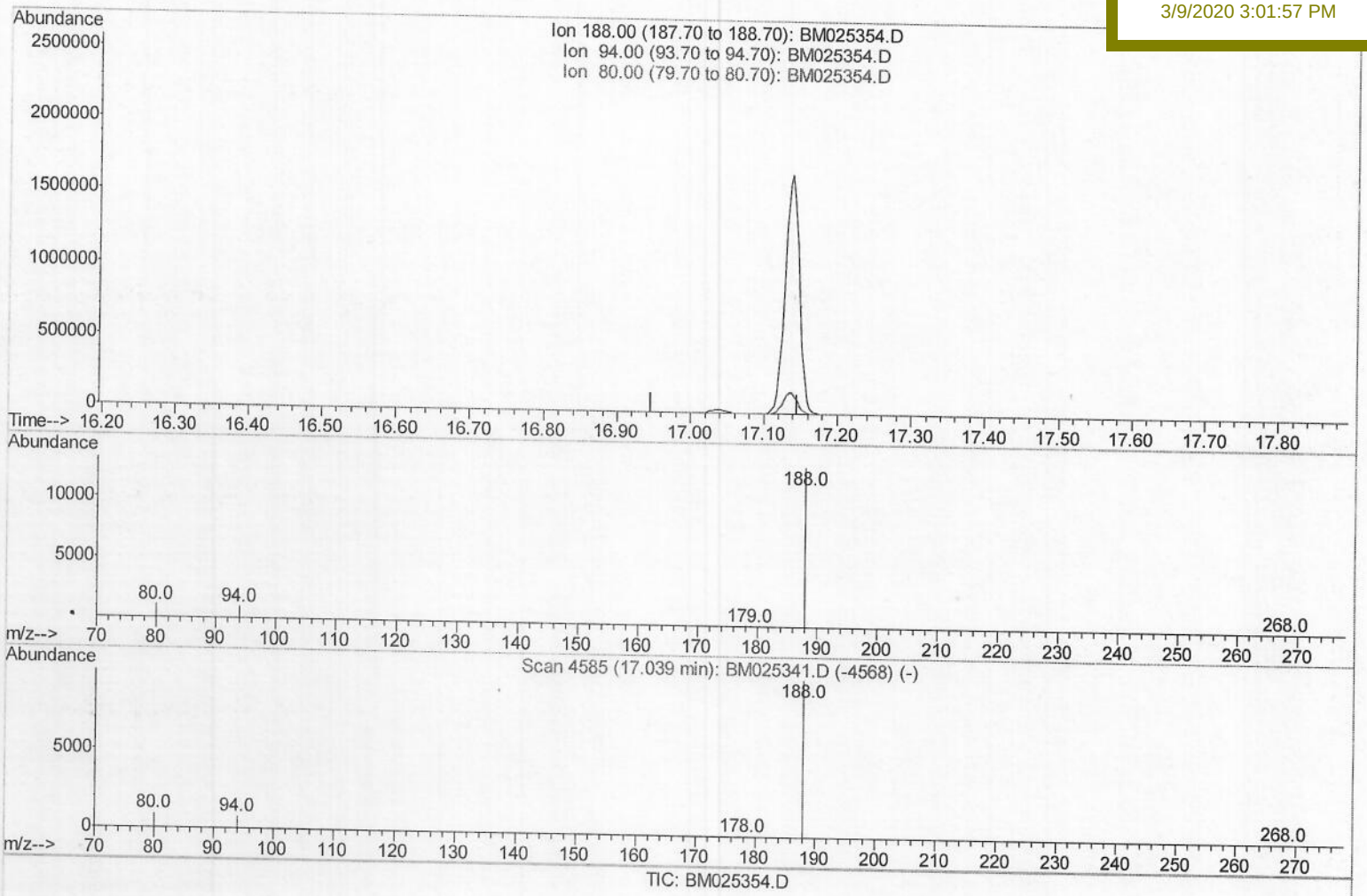

TIC: BM025354.D

(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)

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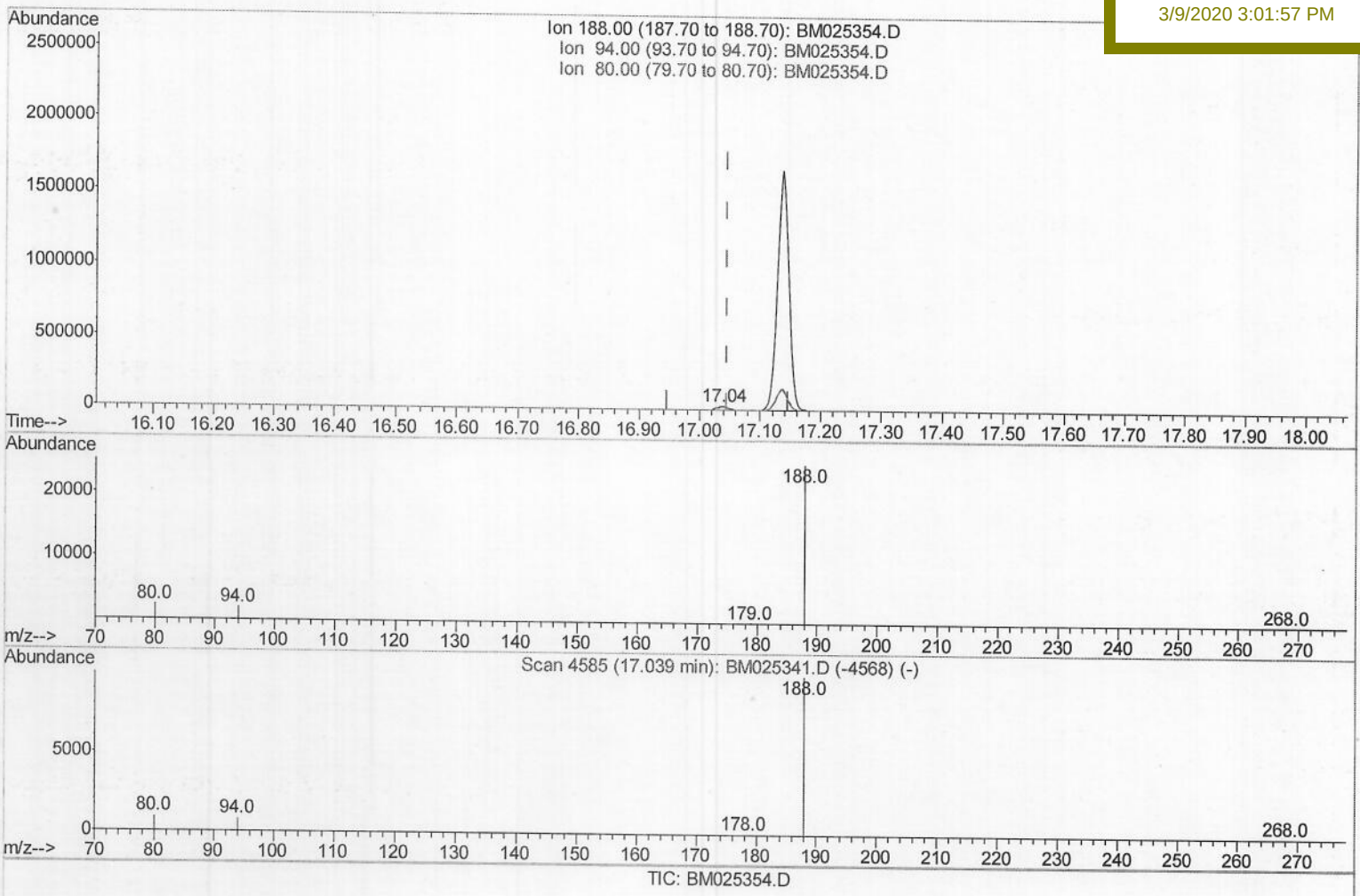
Manual Integrations APPROVED
mohammad
3/9/2020 3:01:57 PM



TIC: BM025354.D

(10) Phenanthrene-d10 (I)

17.037min (-0.009) 0.40ng/ul m > SV 03/11/20

response 33427

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.34#
80.00	22.60	9.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
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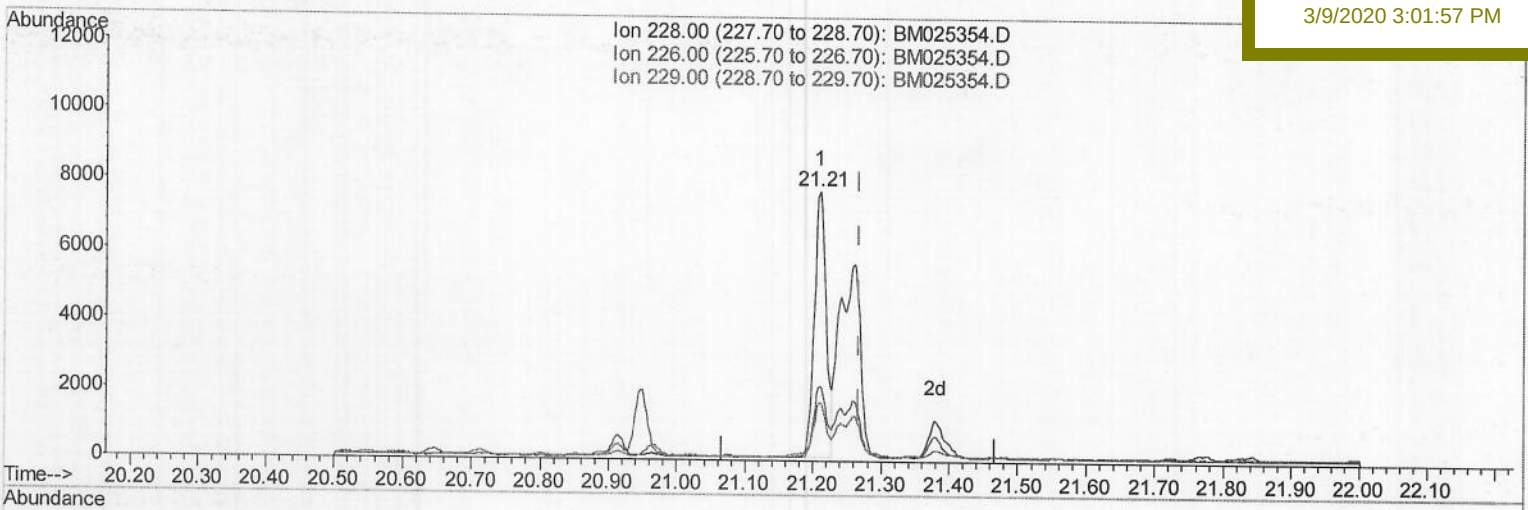

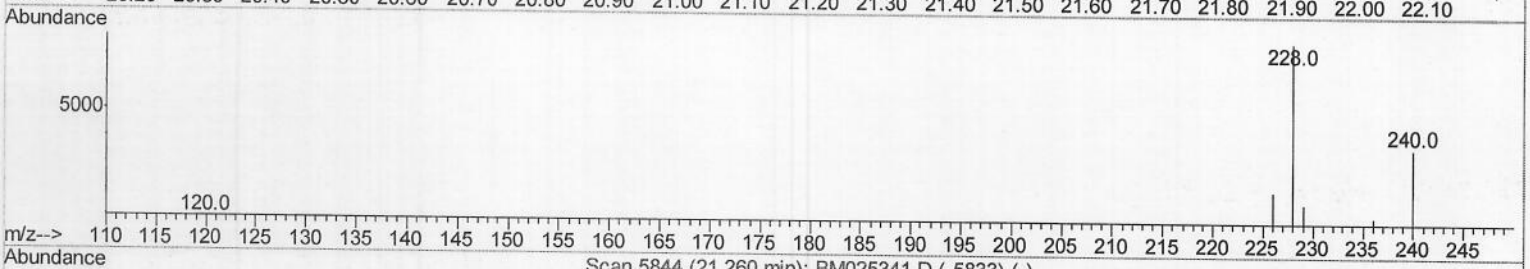

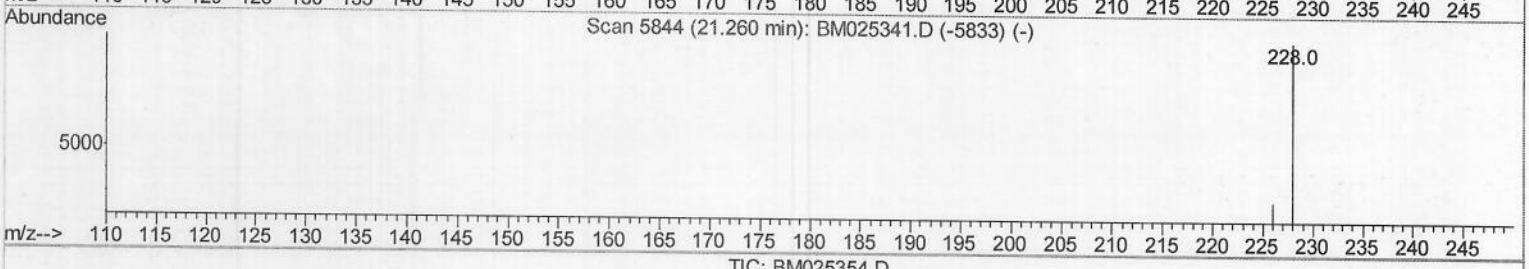

TIC: BM025354.D

(19) Chrysene

21.210min (-0.058) 0.08ng/ul

response 9322

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	28.10
229.00	21.10	21.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
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Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
mohammad
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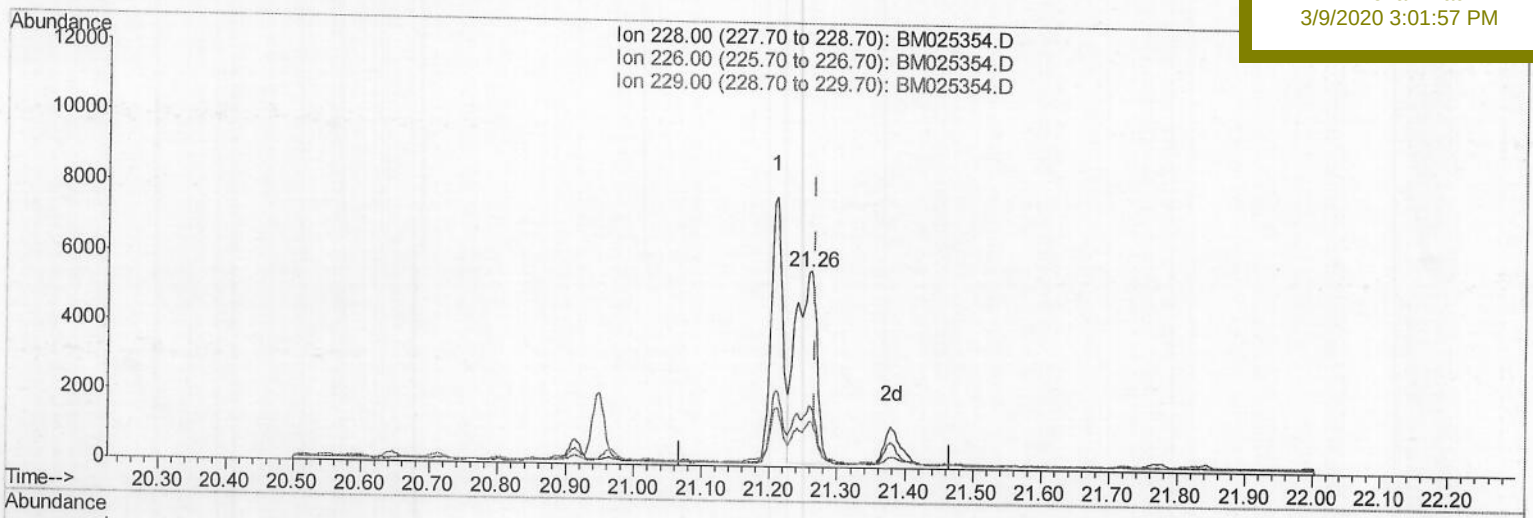

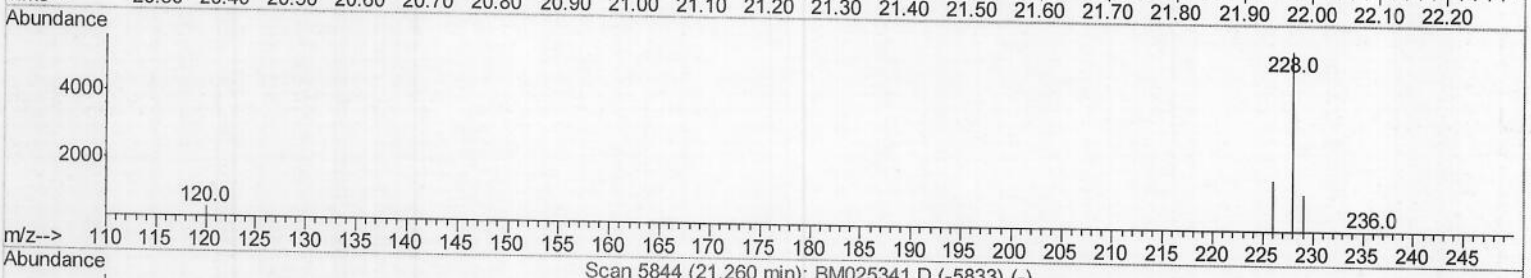

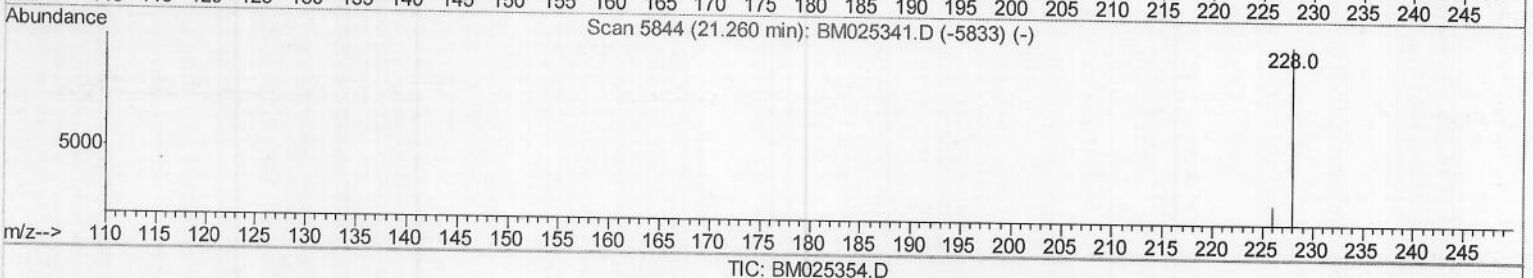

TIC: BM025354.D

(19) Chrysene

21.261min (-0.007) 0.10ng/ul m JV 03/11/20

response 11980

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	30.20
229.00	21.10	23.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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QLast Update : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
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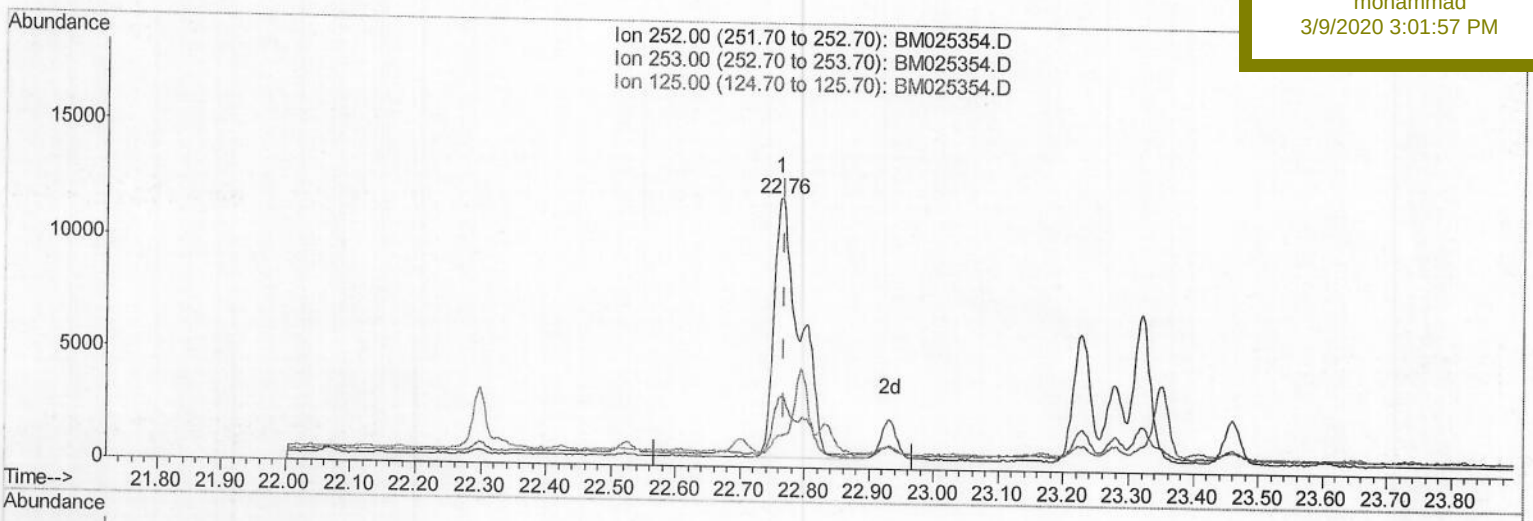

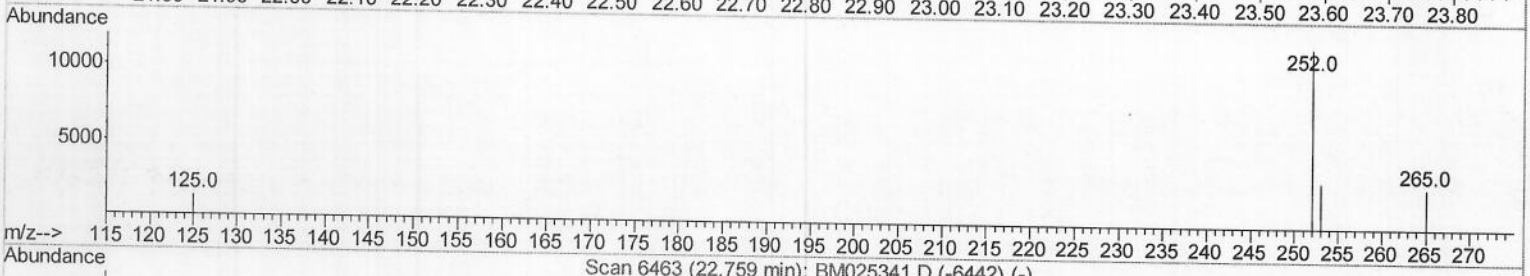

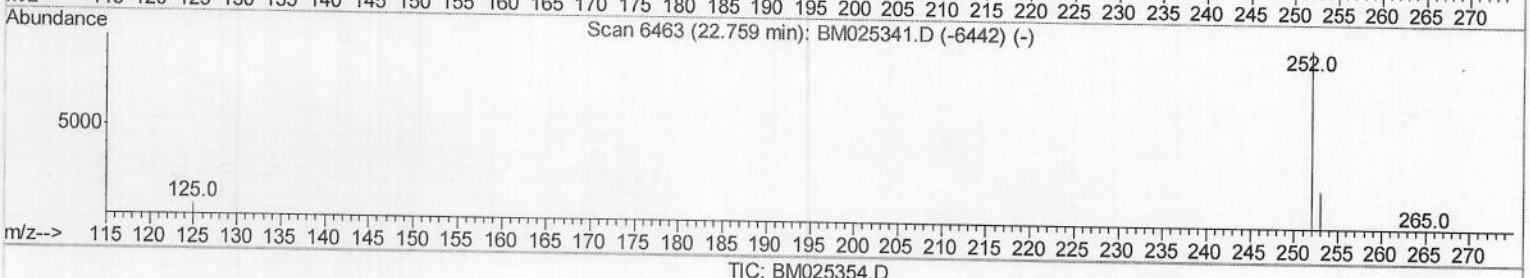

(21) Benzo(b)fluoranthene

22.762min (-0.007) 0.32ng/ul

response 32363

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	25.70
125.00	14.30	11.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
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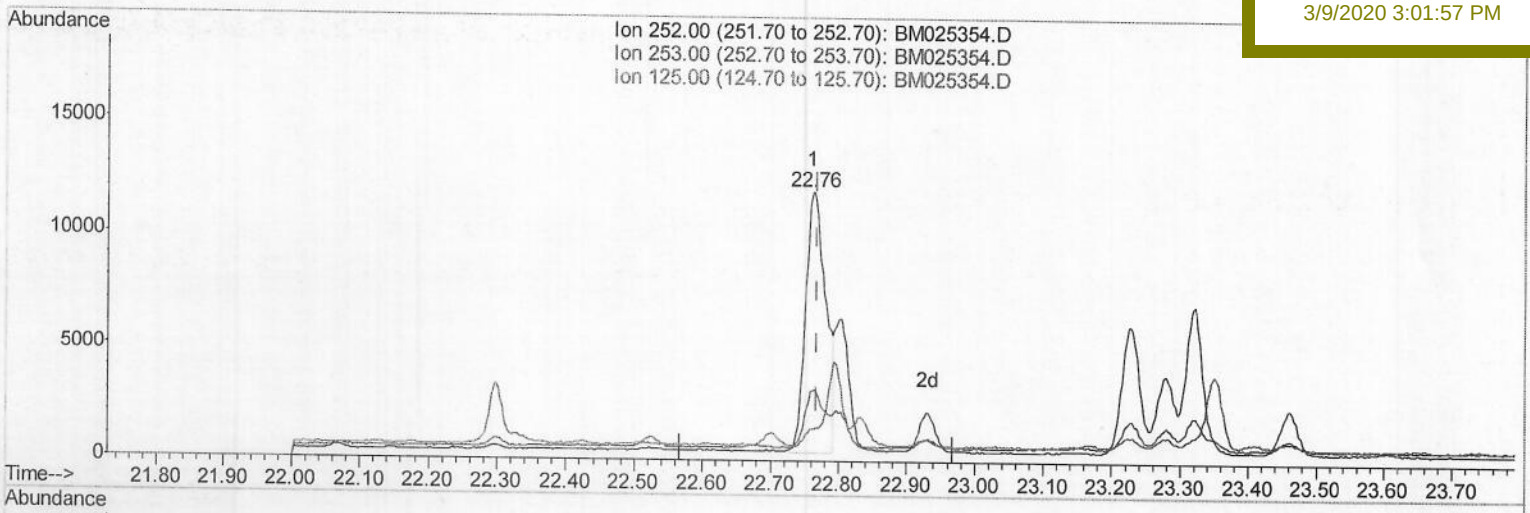

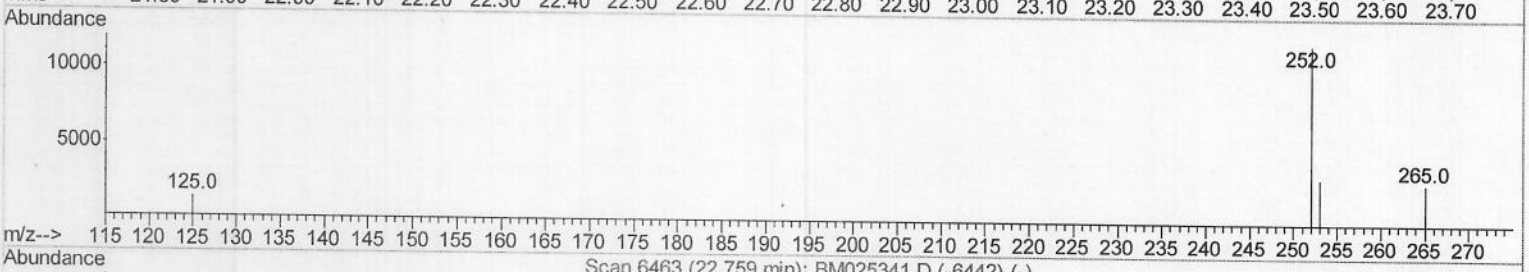

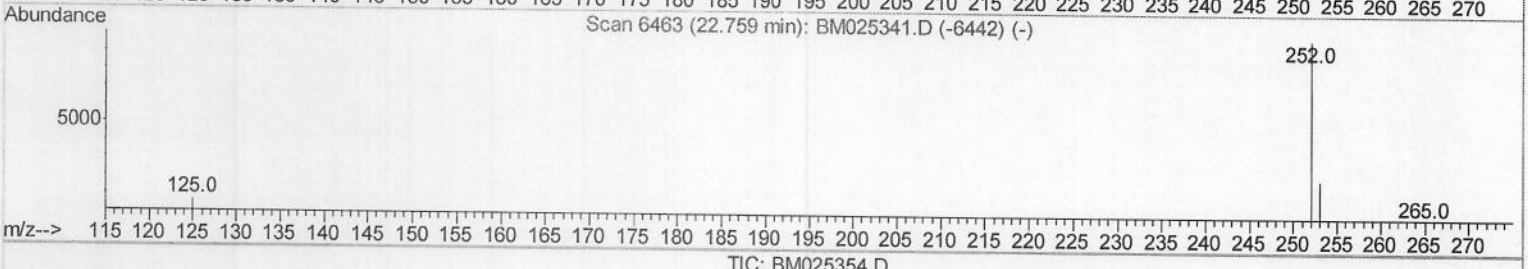

TIC: BM025354.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 0.23ng/ul m SV 03/11/20

response 23478

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	25.70
125.00	14.30	11.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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QLast Update : Sat Mar 07 20:27:15 2020
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Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
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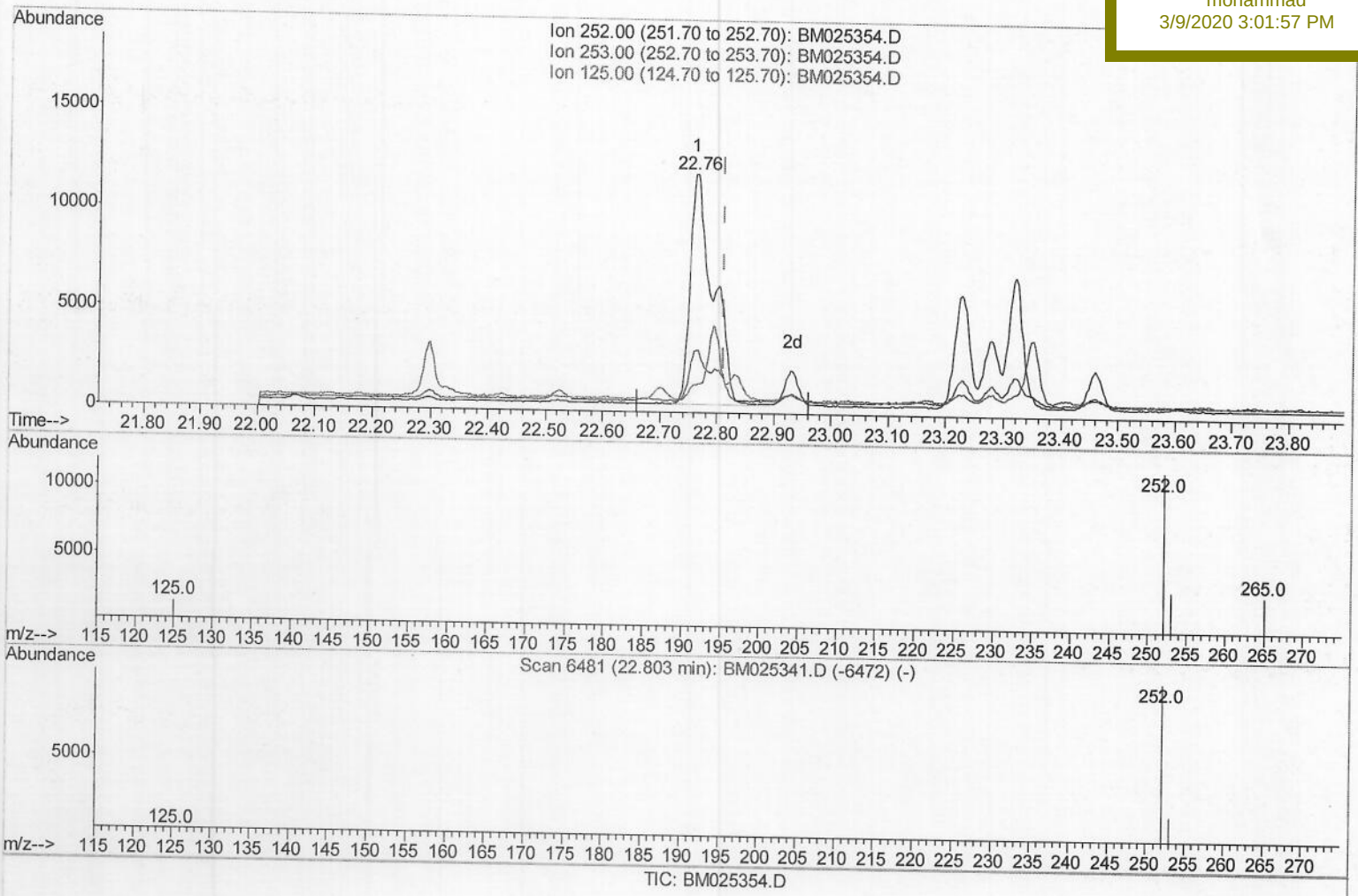

(22) Benzo(k)fluoranthene

22.762min (-0.050) 0.30ng/ul

response 32363

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	25.70
125.00	13.40	11.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:53:36 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 : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDP9

Manual Integrations APPROVED
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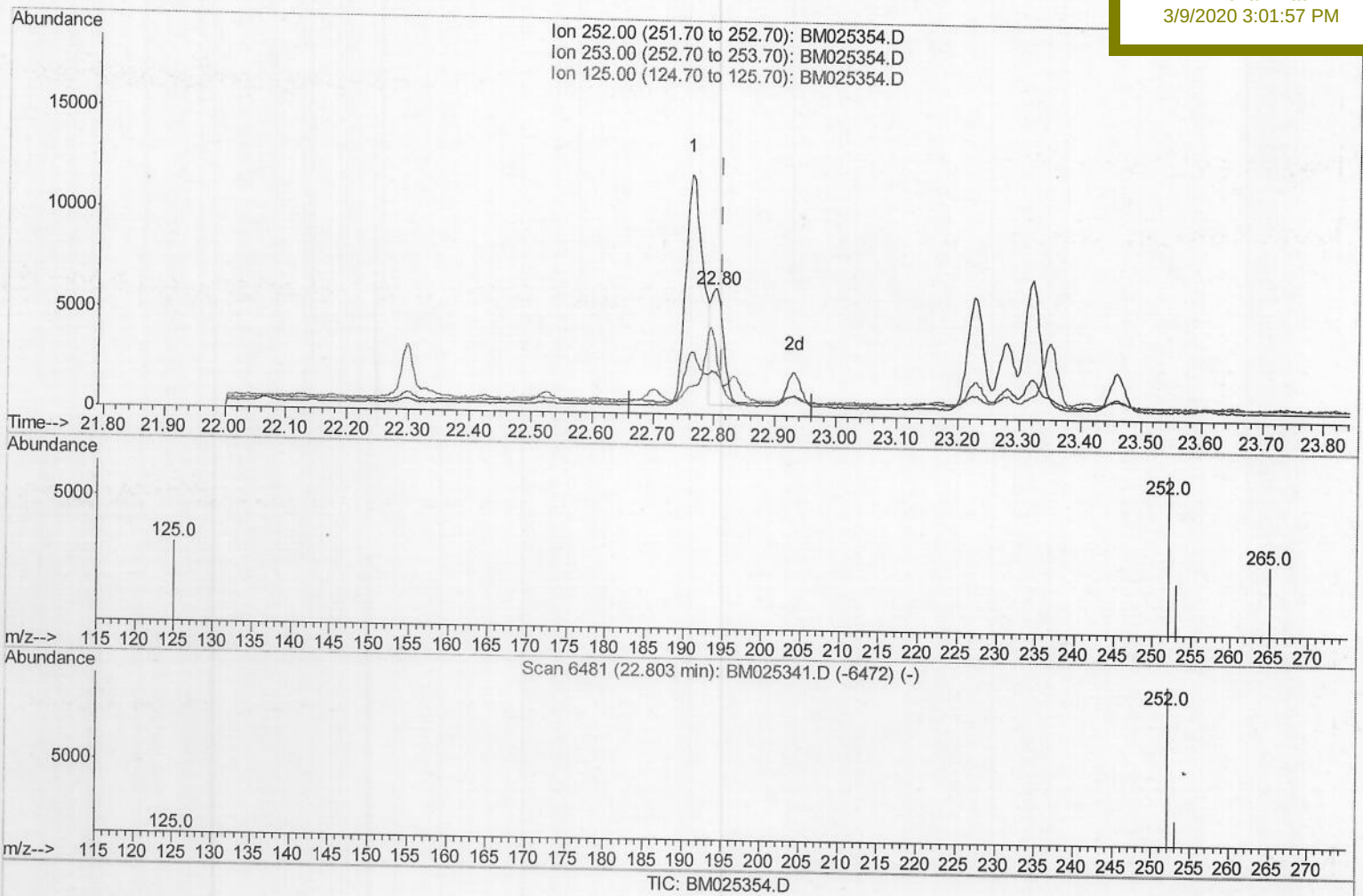
3/9/2020 3:01:57 PM



TIC: BM025354.D

(22) Benzo(k)fluoranthene

22.803min (-0.009) 0.08ng/ul m) SV 03/11/20

response 8666

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	34.13#
125.00	13.40	50.61#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025354.D
Acq On : 07 Mar 2020 17:39
Operator : CG/JU
Sample : L1616-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 07 20:55:06 2020
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ClientSampleId : DBDP9

Manual Integrations APPROVED
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3/9/2020 3:01:57 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4634	0.40 ng/ul	0.00
2) Naphthalene-d8	10.43	136	20683	0.40 ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	14765	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.04	188	33427m)	0.40 ng/ul	0.00
16) Chrysene-d12	21.22	240	29618	0.40 ng/ul	0.00
20) Perylene-d12	23.41	264	25403	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.03	152	10588	0.27 ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	29754	0.27 ng/ul	0.00
Target Compounds					Qvalue
17) Pyrene	19.46	202	9685	0.086 ng/ul#	95
18) Benzo(a)anthracene	21.21	228	9322	0.086 ng/ul	98
19) Chrysene	21.26	228	11980m)	0.100 ng/ul	
21) Benzo(b)fluoranthene	22.76	252	23478m)	0.231 ng/ul	
22) Benzo(k)fluoranthene	22.80	252	8666m)	0.081 ng/ul	
23) Benzo(a)pyrene	23.32	252	11537	0.135 ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.59	276	5227	0.049 ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	3333	0.037 ng/ul#	92

δV 03/11/20

δV 03/11/20

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