Quantitation Report (QT Reviewed)

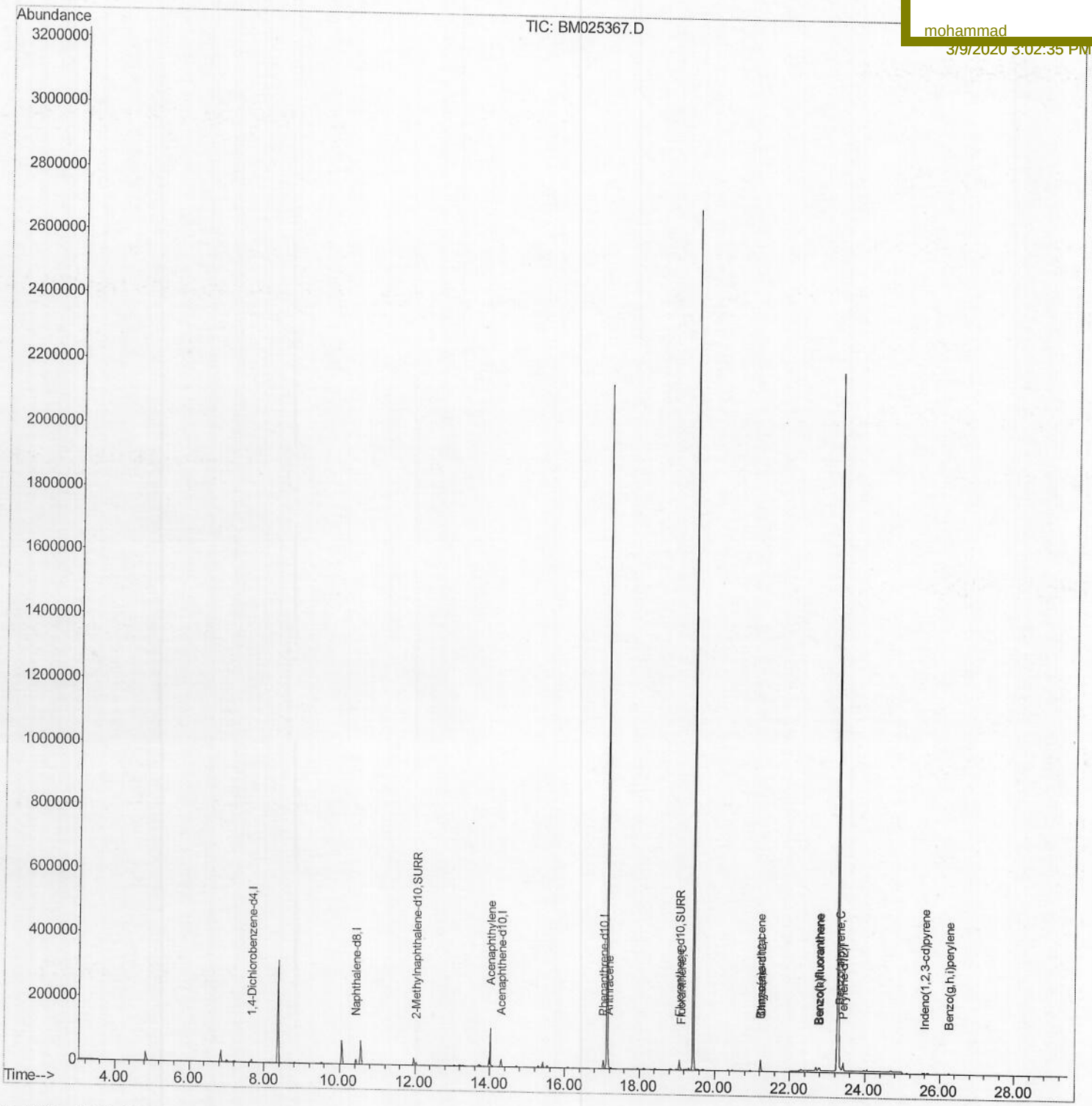
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:38:38 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 23:59:42 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED

mohammad
3/9/2020 3:02:35 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:36:01 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 23:59:42 2020
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED

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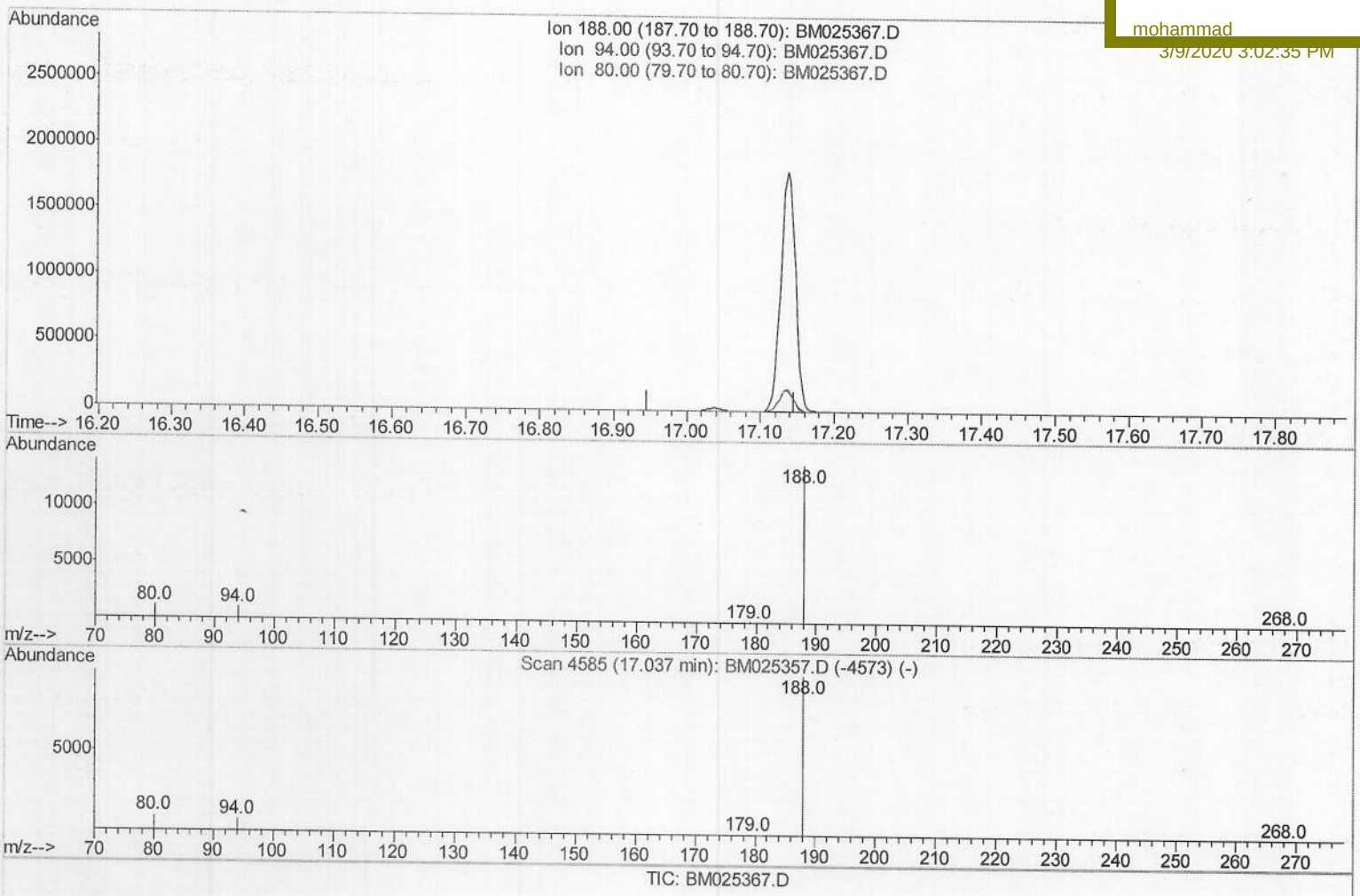

TIC: BM025367.D

(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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BNA_M
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Manual Integrations APPROVED
mohammad
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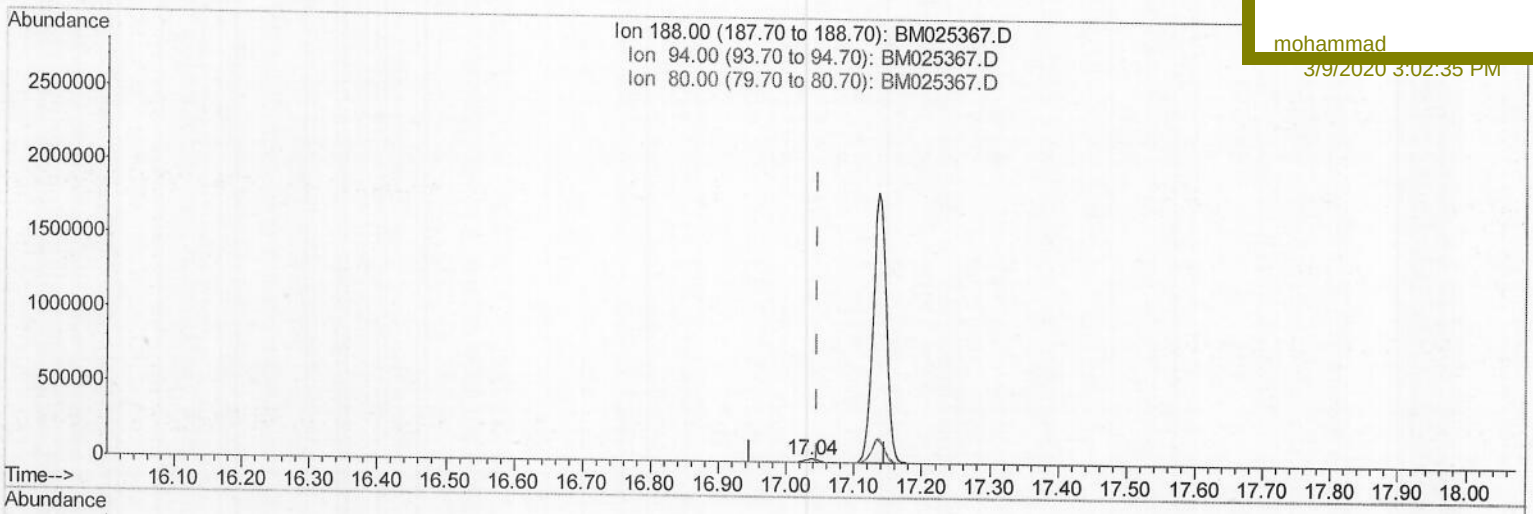

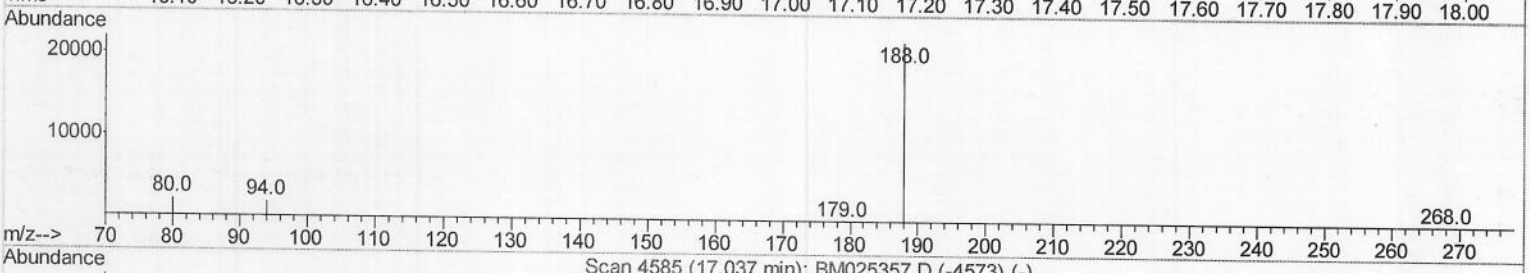

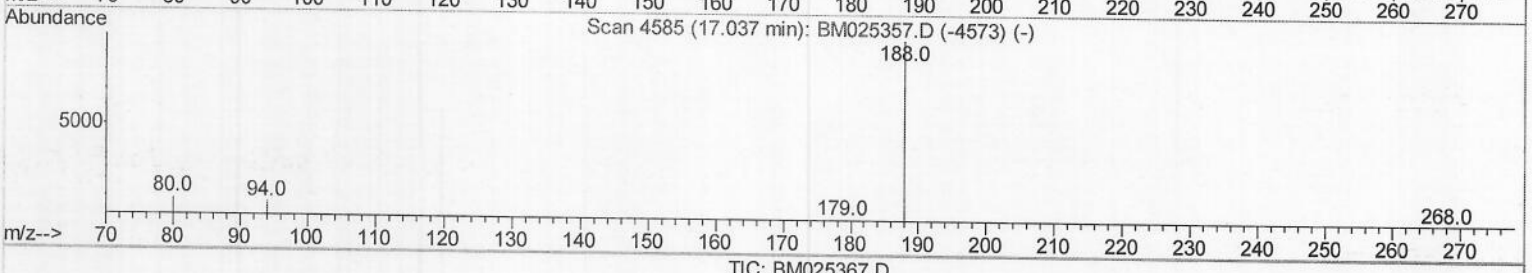

TIC: BM025367.D

(10) Phenanthrene-d10 (I)

17.036min (-0.011) 0.40ng/ul m JSV 03/11/20

response 30378

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.49#
80.00	22.60	10.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:36:51 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 23:59:42 2020
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED

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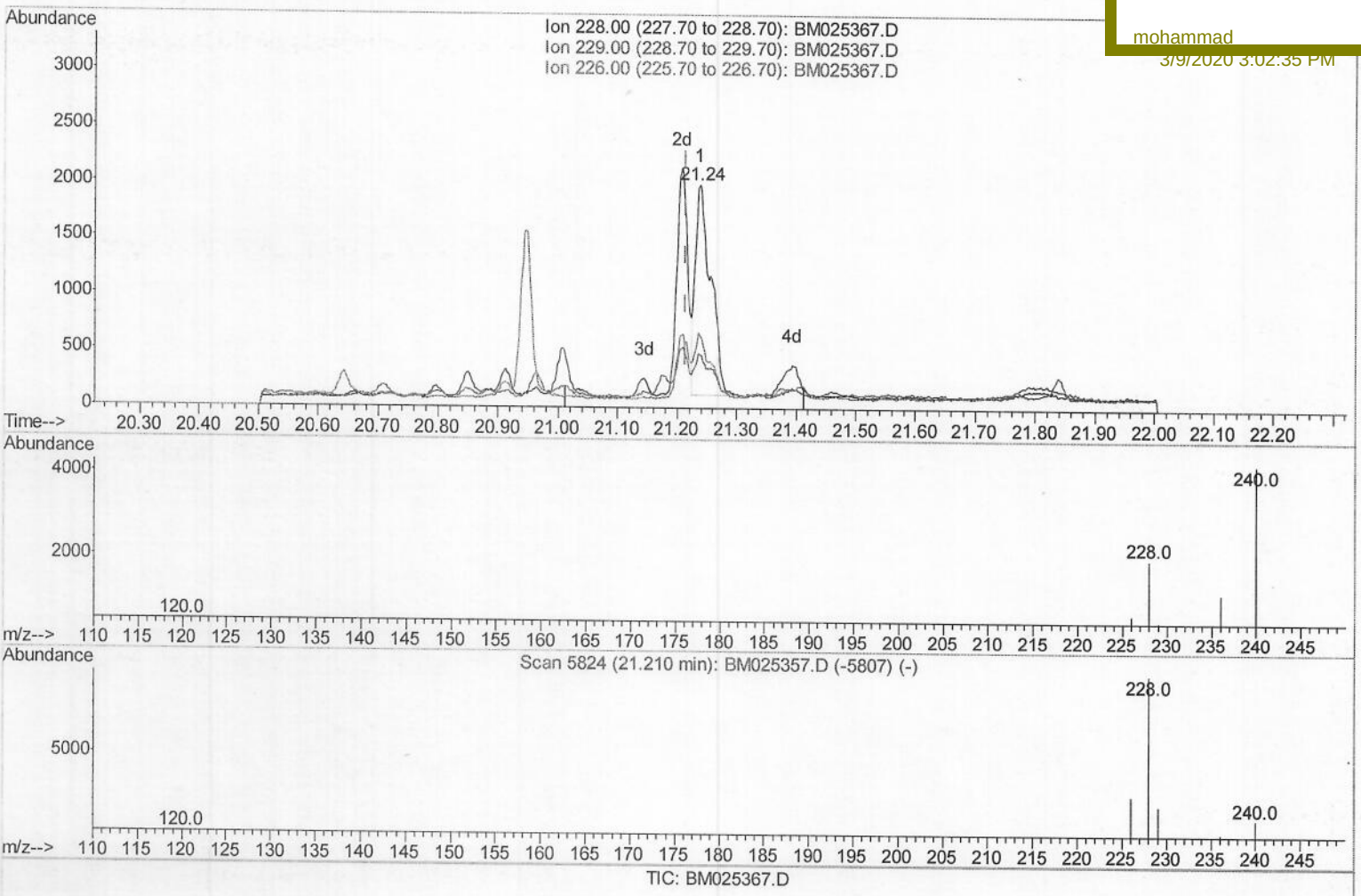

TIC: BM025367.D

(18) Benzo(a)anthracene

21.239min (+0.024) 0.03ng/ul

response 3367

Ion	Exp%	Act%
228.00	100	100
229.00	20.80	23.82
226.00	27.40	32.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
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Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:36:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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BNA_M
ClientSampleId :
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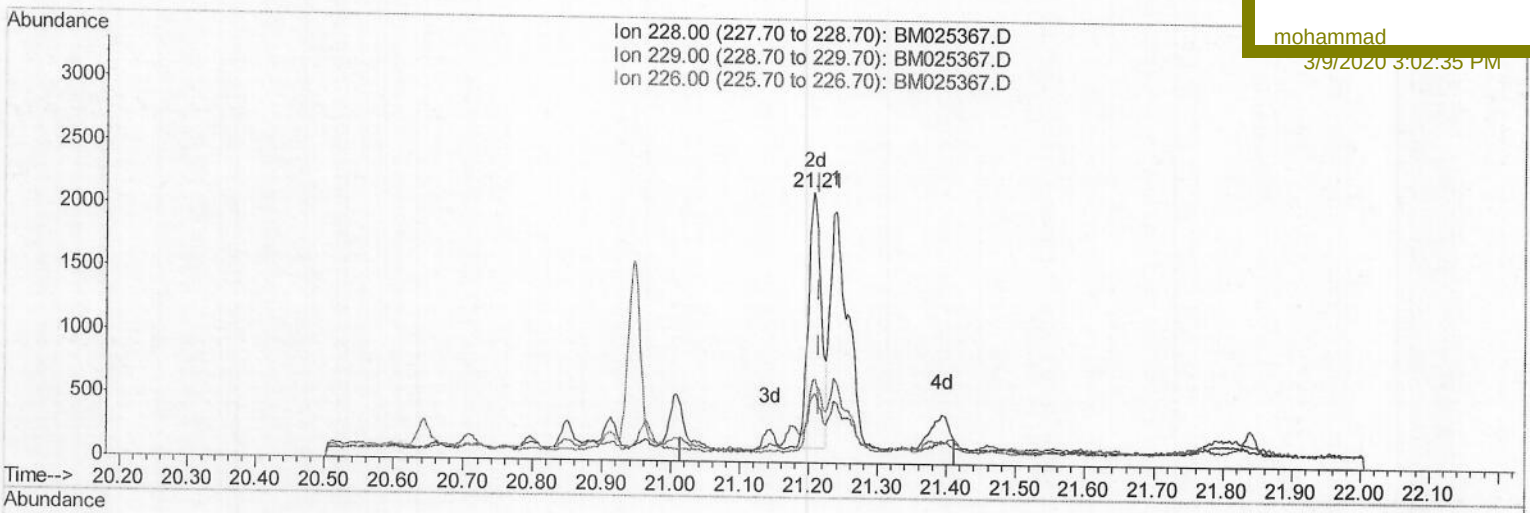
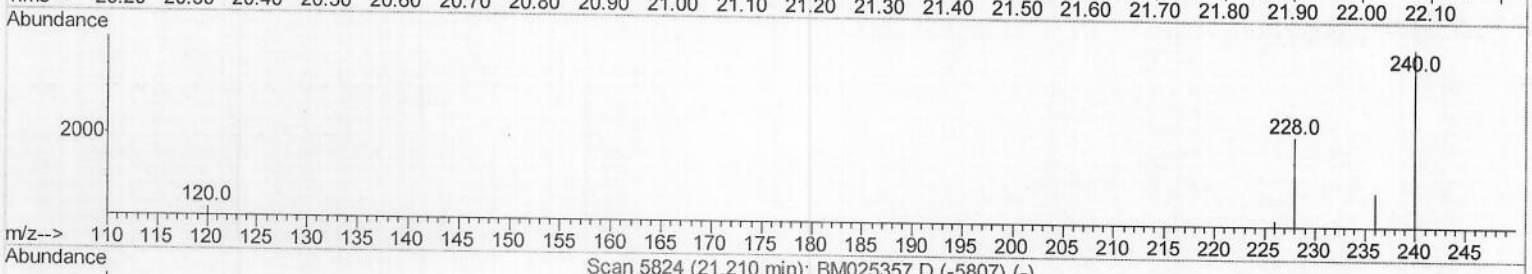
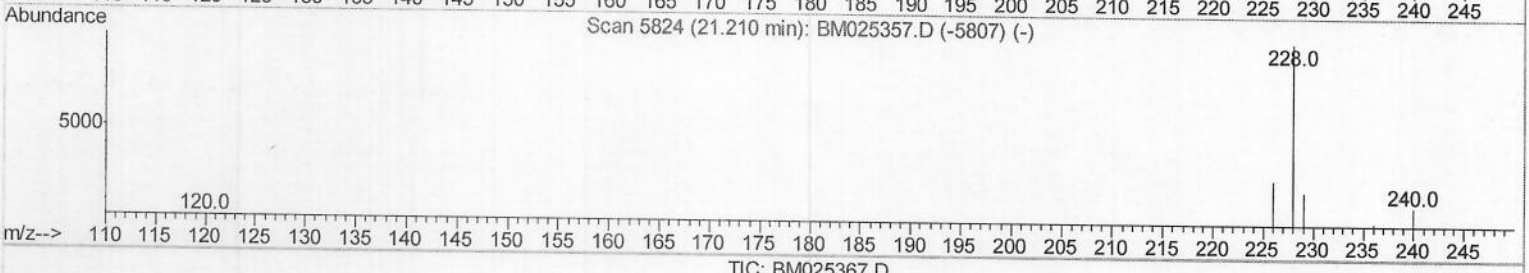
Manual Integrations APPROVED
mohammad
3/9/2020 3:02:35 PM







TIC: BM025367.D

(18) Benzo(a)anthracene

21.207min (-0.007) 0.02ng/ul m) SV 03/11/20

response 2578

Ion	Exp%	Act%
228.00	100	100
229.00	20.80	24.96#
226.00	27.40	30.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:36:51 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 23:59:42 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED

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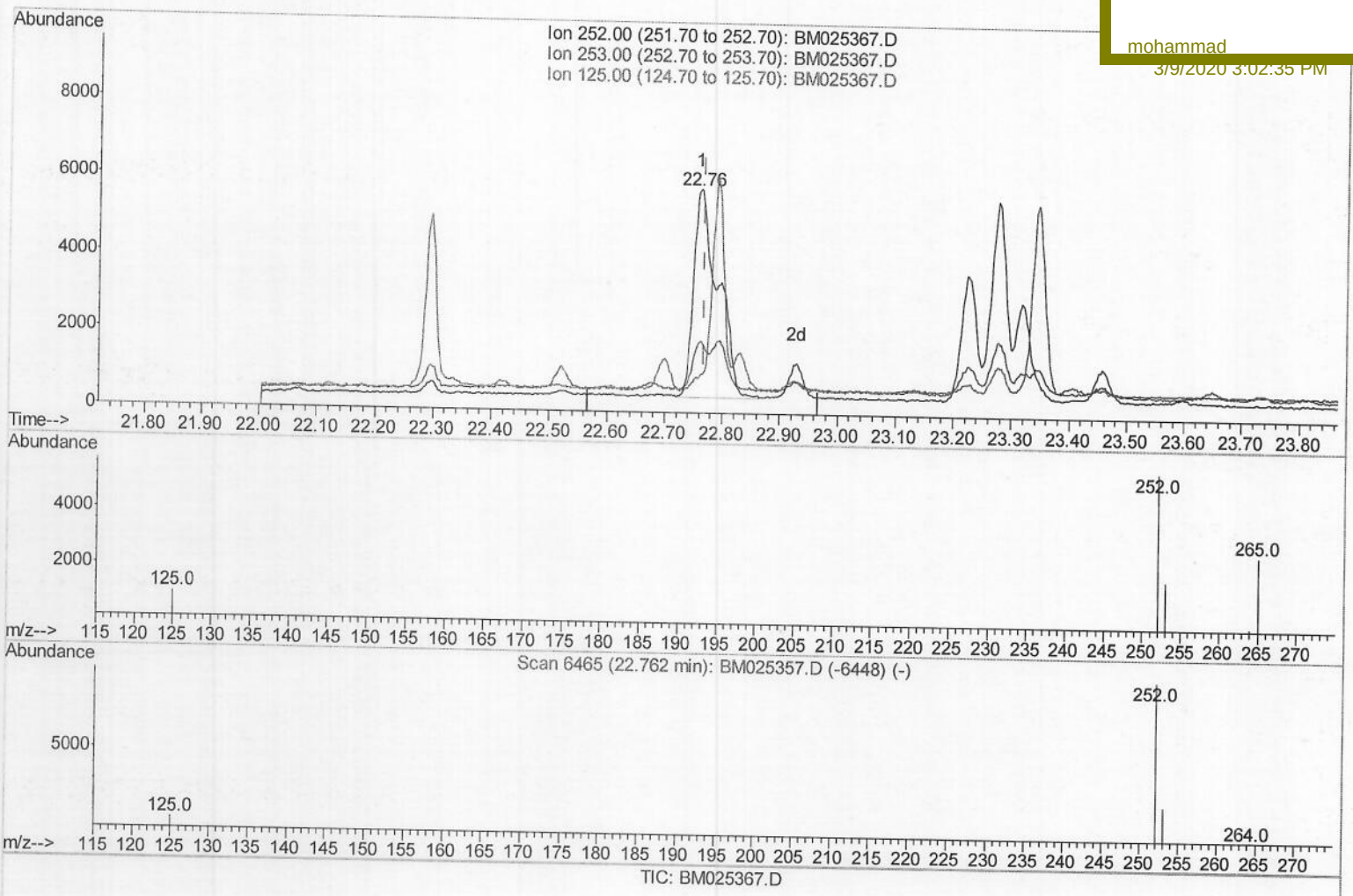

TIC: BM025367.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 0.13ng/ul

response 15837

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	31.76
125.00	14.30	17.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:36:51 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 23:59:42 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED

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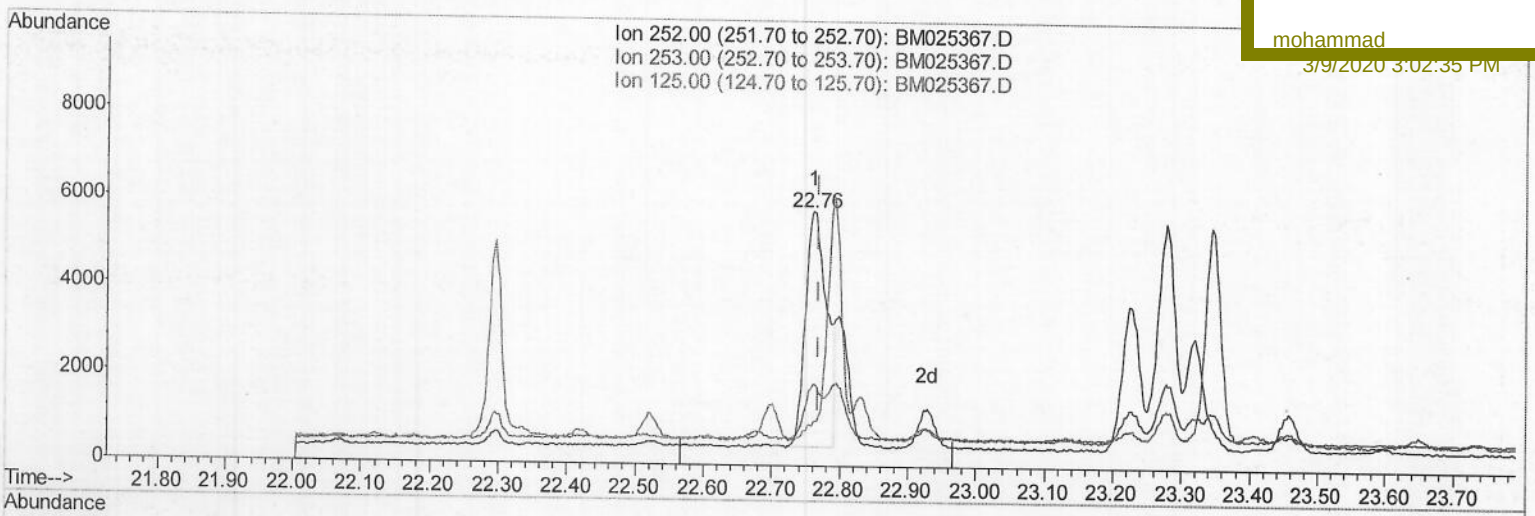

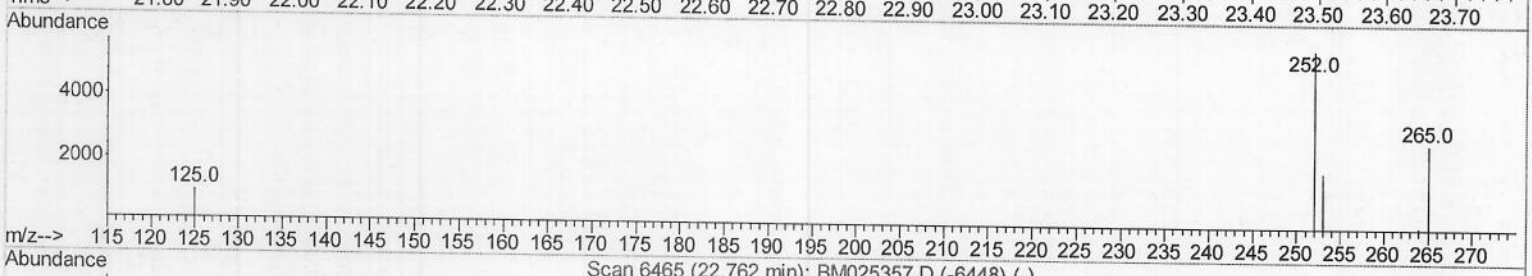

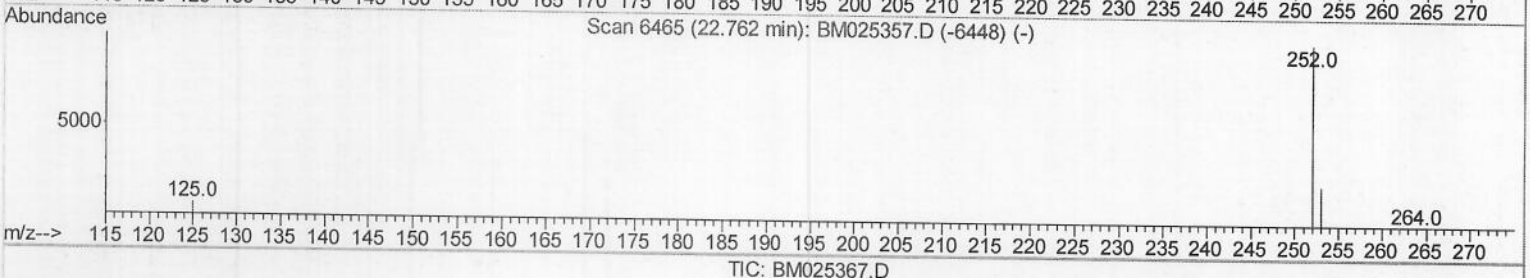

TIC: BM025367.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 0.09ng/ul m JG 03/11/20

response 11466

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	31.76
125.00	14.30	17.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
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Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:36:51 2020
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Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED
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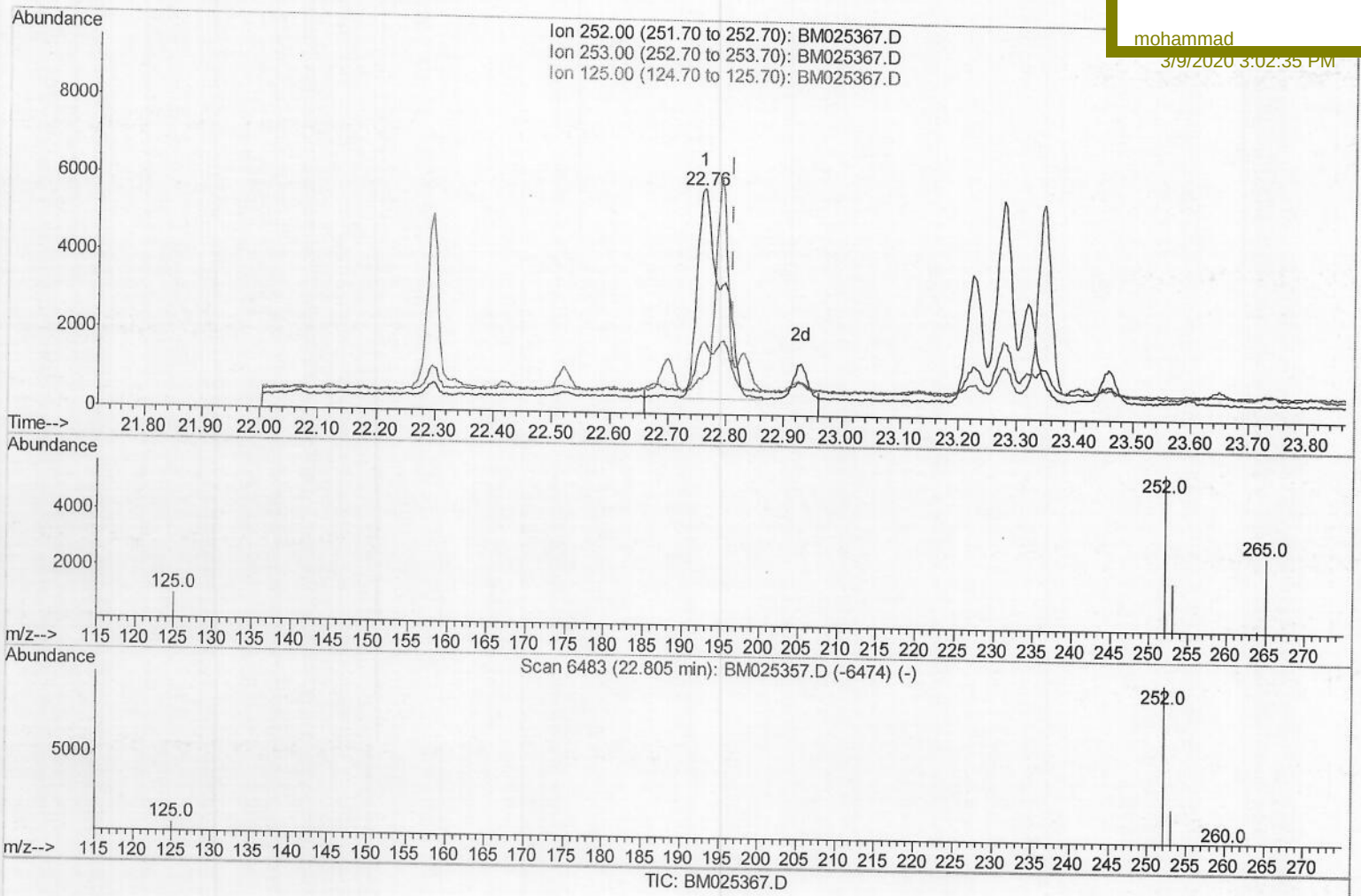

TIC: BM025367.D

(22) Benzo(k)fluoranthene

22.762min (-0.051) 0.12ng/ul

response 15837

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	31.76#
125.00	13.40	17.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 08 03:36:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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QLast Update : Sat Mar 07 23:59:42 2020
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Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED
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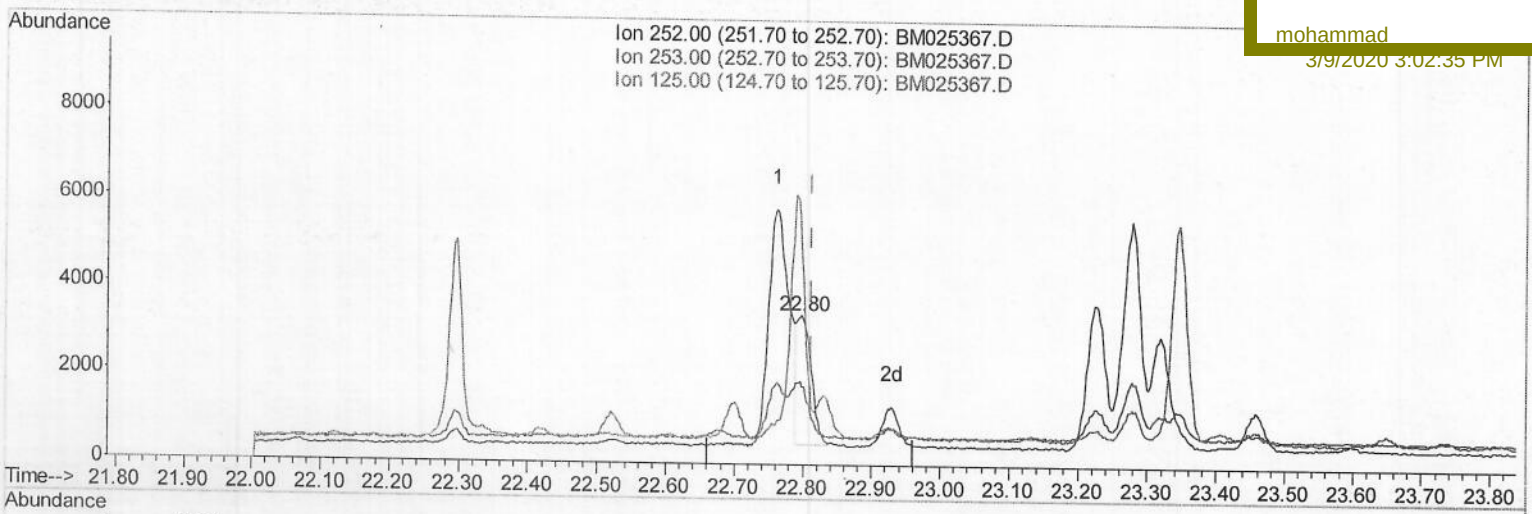

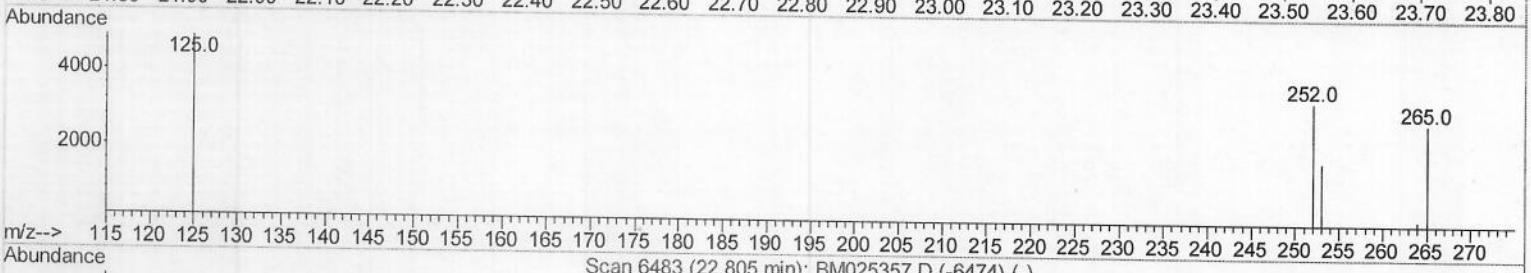

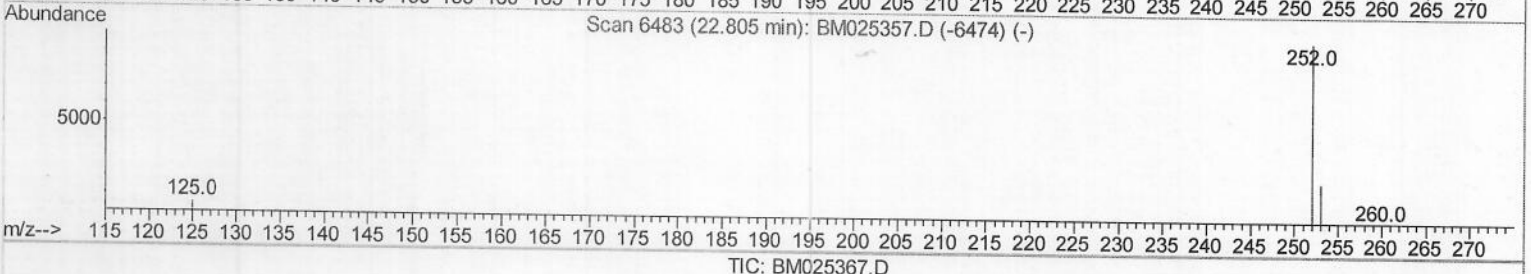

TIC: BM025367.D

(22) Benzo(k)fluoranthene

22.798min (-0.014) 0.03ng/ul m JU 03/11/20

response 4323

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	52.03#
125.00	13.40	146.36#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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Instrument : BNA_M
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3641	0.40 ng/ul	0.00
2) Naphthalene-d8	10.43	136	16480	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12603	0.40 ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	30378m	0.40 ng/ul	-0.01
16) Chrysene-d12	21.22	240	31237	0.40 ng/ul	0.00
20) Perylene-d12	23.41	264	30908	0.40 ng/ul	-0.01
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.03	152	11159	0.36 ng/ul	0.00
14) Fluoranthene-d10	19.06	212	34382	0.35 ng/ul	-0.01
Target Compounds					Qvalue
7) Acenaphthylene	14.01	152	1211	0.021 ng/ul#	89
13) Anthracene	17.17	178	4800	0.055 ng/ul	98
15) Fluoranthene	19.10	202	3105	0.025 ng/ul	91
18) Benzo(a)anthracene	21.21	228	2578m	0.022 ng/ul	
19) Chrysene	21.24	228	3367	0.027 ng/ul	95
21) Benzo(b)fluoranthene	22.76	252	11466m	0.093 ng/ul	
22) Benzo(k)fluoranthene	22.80	252	4323m	0.033 ng/ul	
23) Benzo(a)pyrene	23.32	252	4532	0.044 ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.58	276	3041	0.023 ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	2287	0.021 ng/ul#	87

JV 03/11/20

JV 03/11/20

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