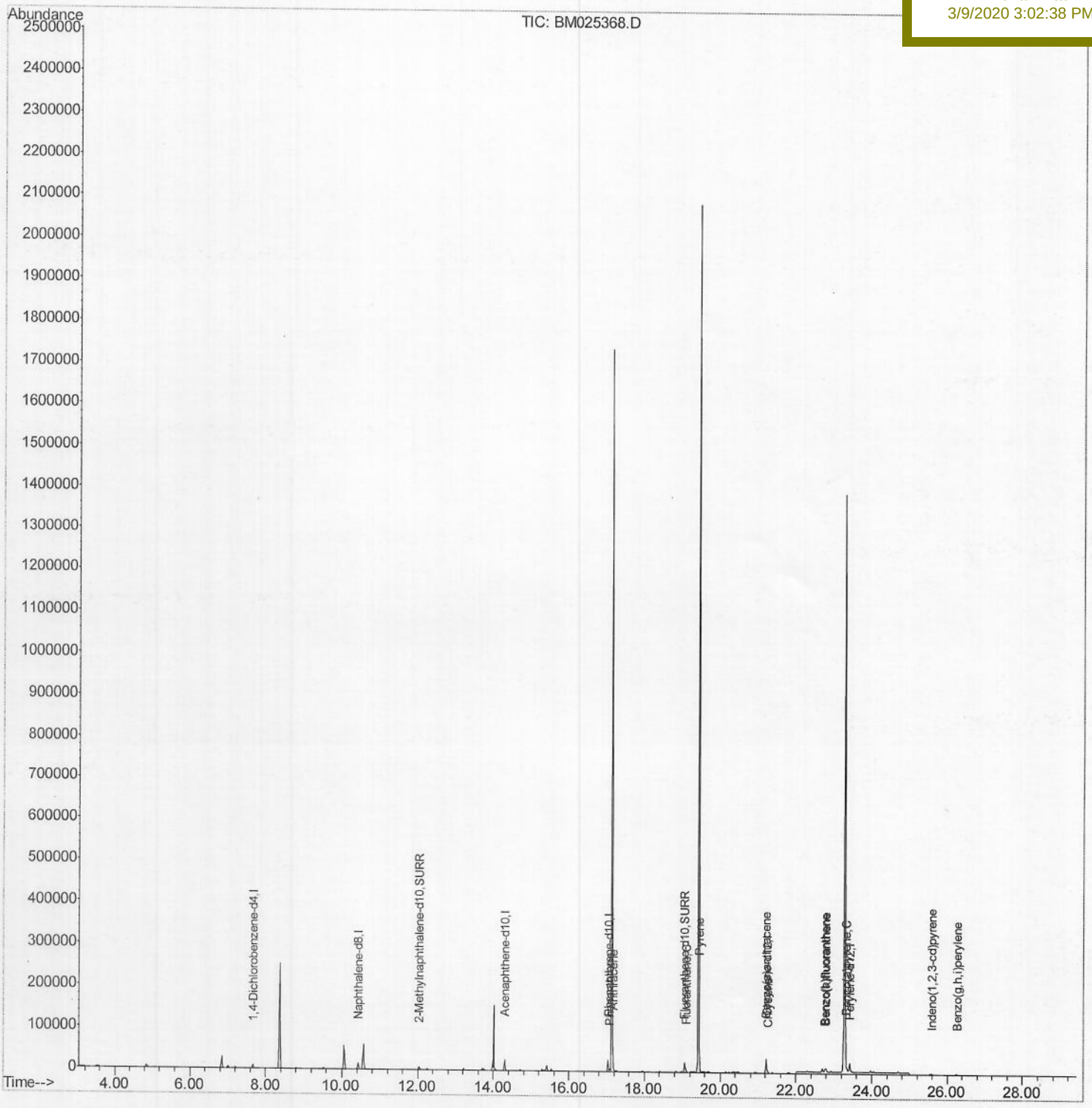
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025368.D
Acq On : 08 Mar 2020 03:38
Operator : CG/JU
Sample : L1615-14
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Mar 08 04:16:16 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 :
DBDN8

Manual Integrations APPROVED
mohammad
3/9/2020 3:02:38 PM



Quantitation Report (Qedit)

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Acq On : 08 Mar 2020 03:38
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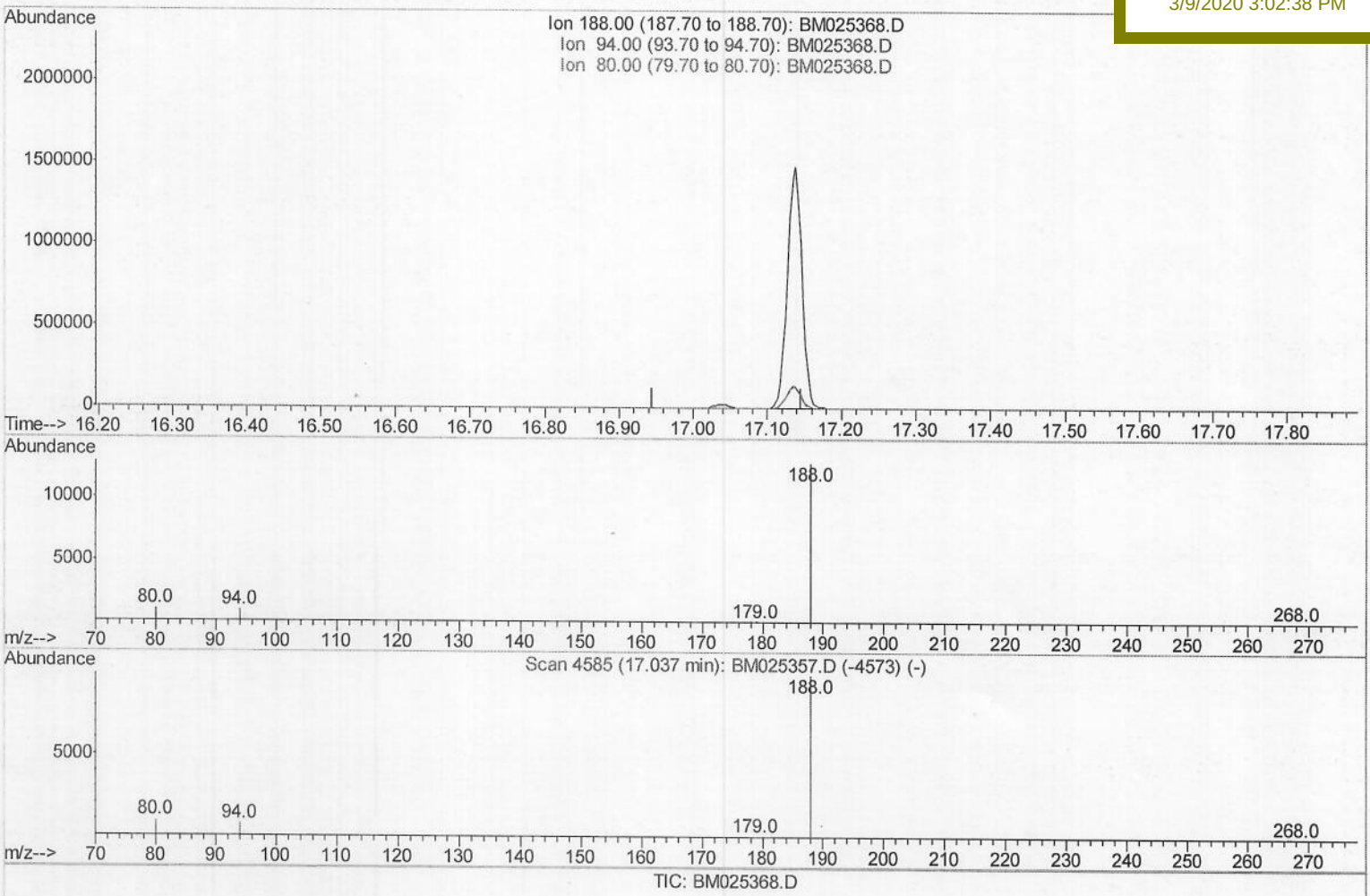

TIC: BM025368.D

(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

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mohammad
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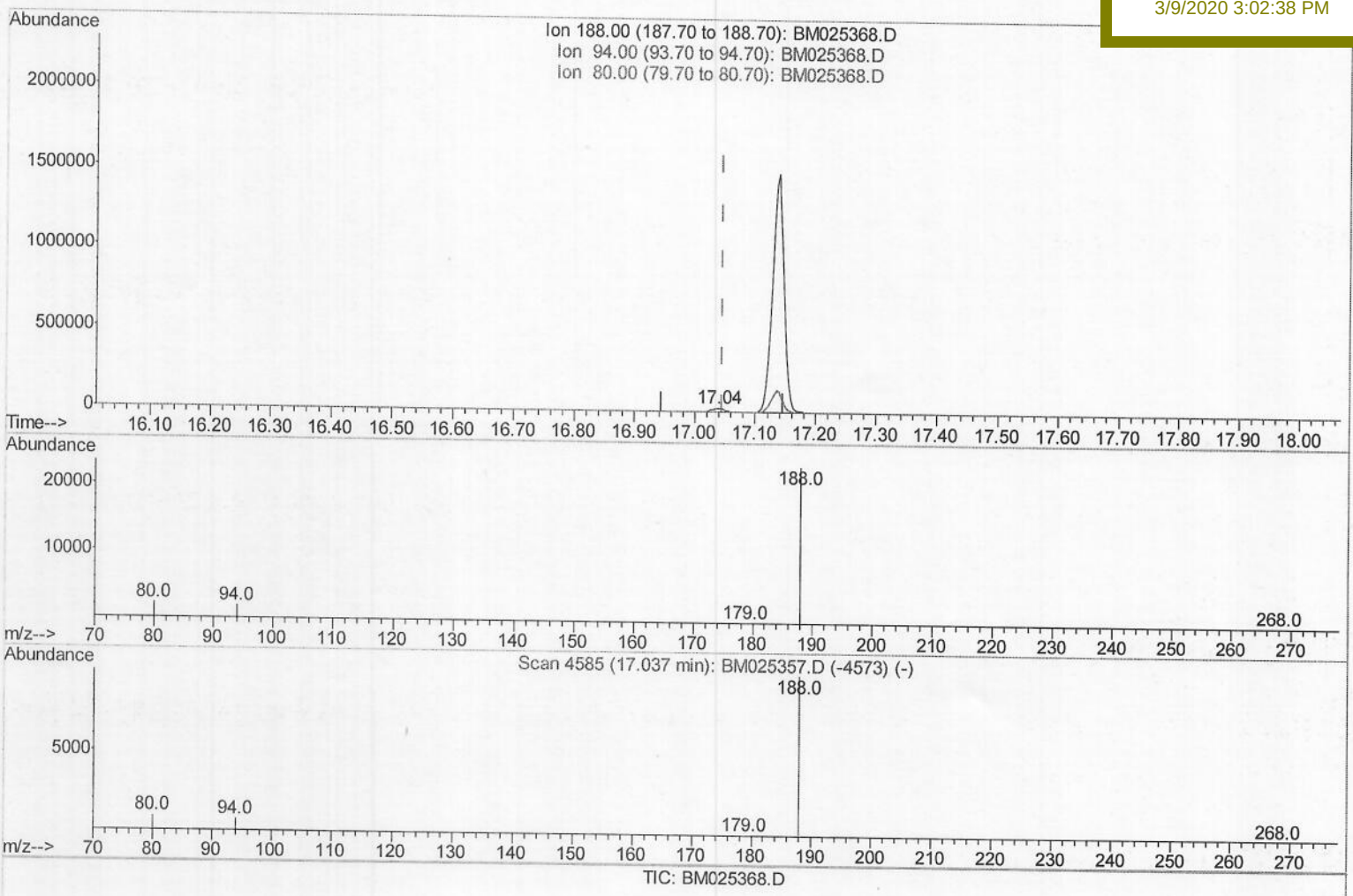

TIC: BM025368.D

(10) Phenanthrene-d10 (I)

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

response 31245

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.20#
80.00	22.60	9.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 54 Sample Multiplier: 1

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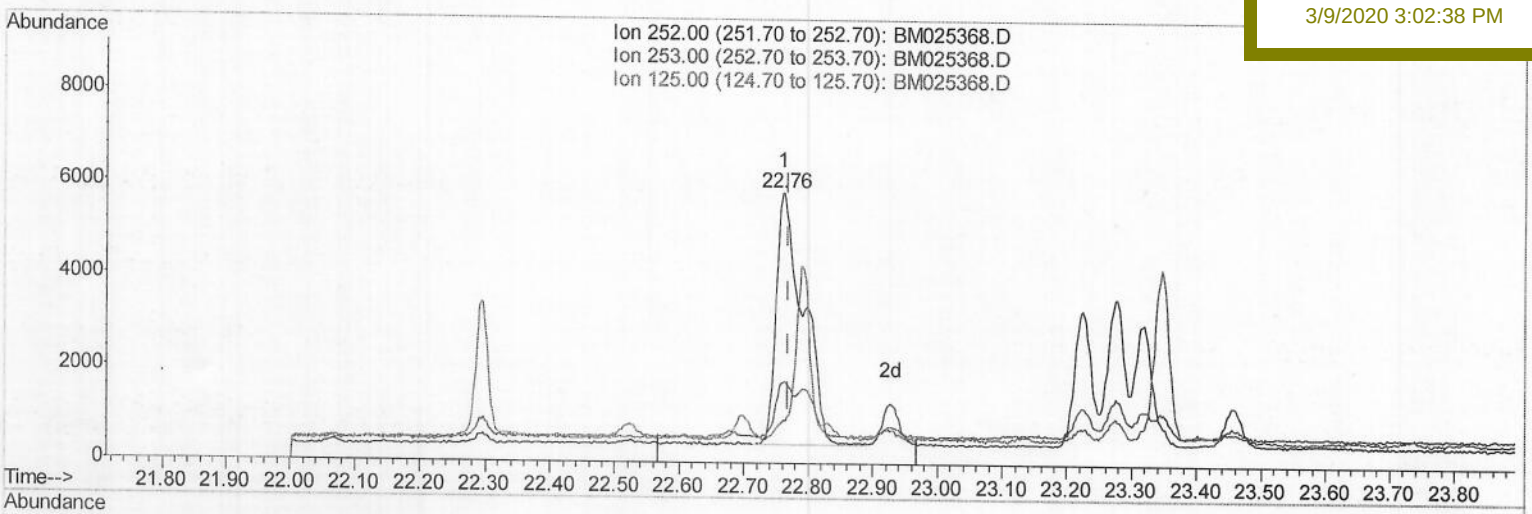
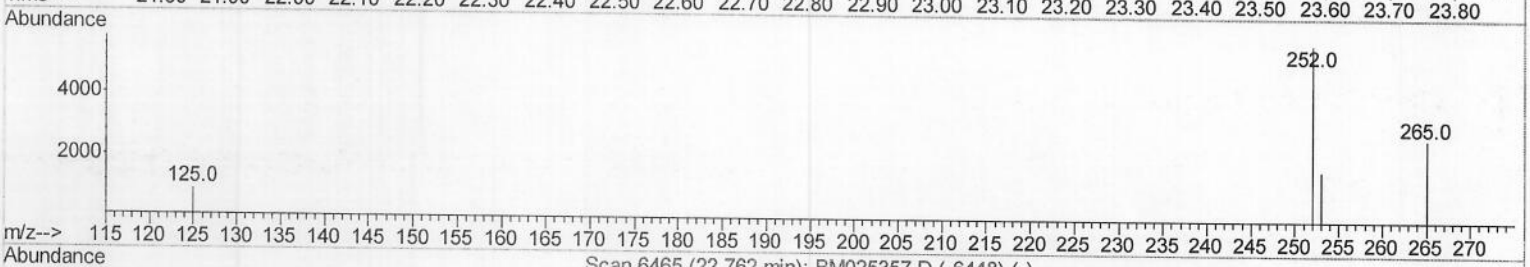
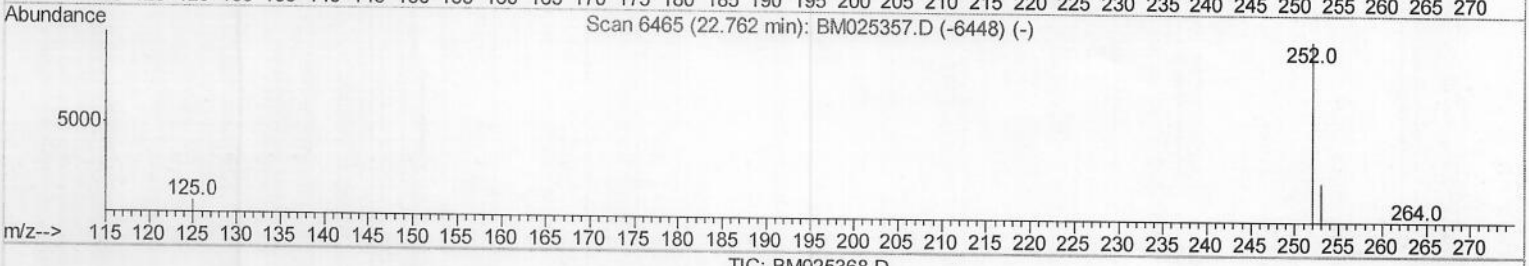
Manual Integrations APPROVED
mohammad
3/9/2020 3:02:38 PM







TIC: BM025368.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 0.16ng/ul

response 15811

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	29.89
125.00	14.30	15.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 54 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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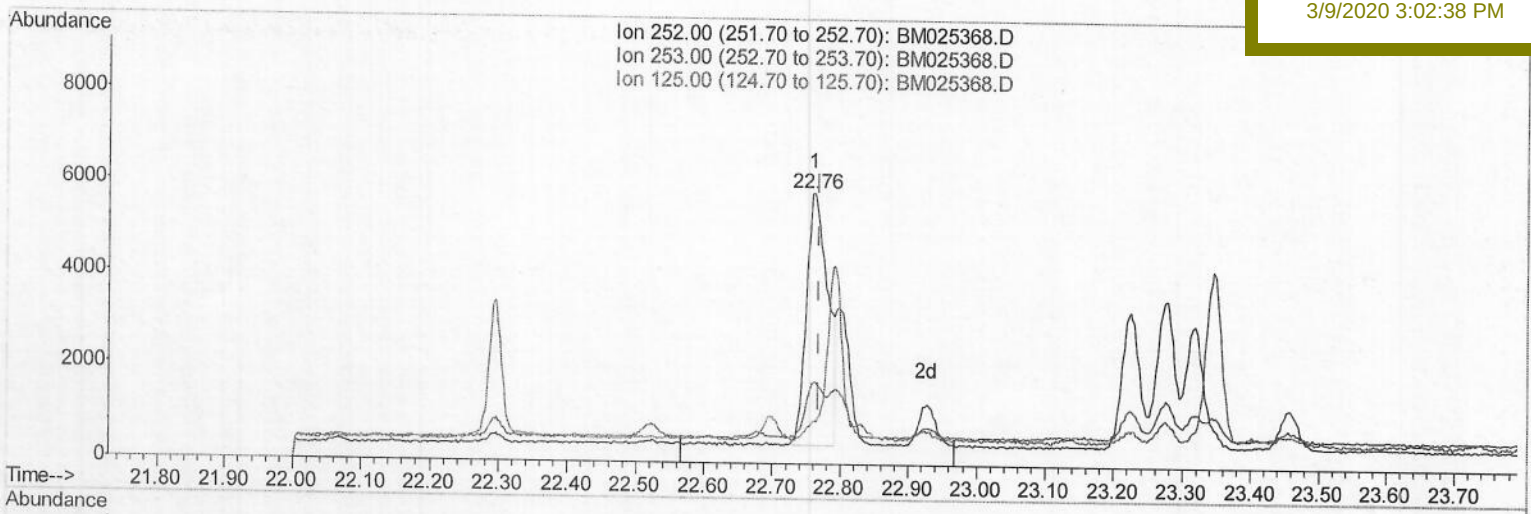
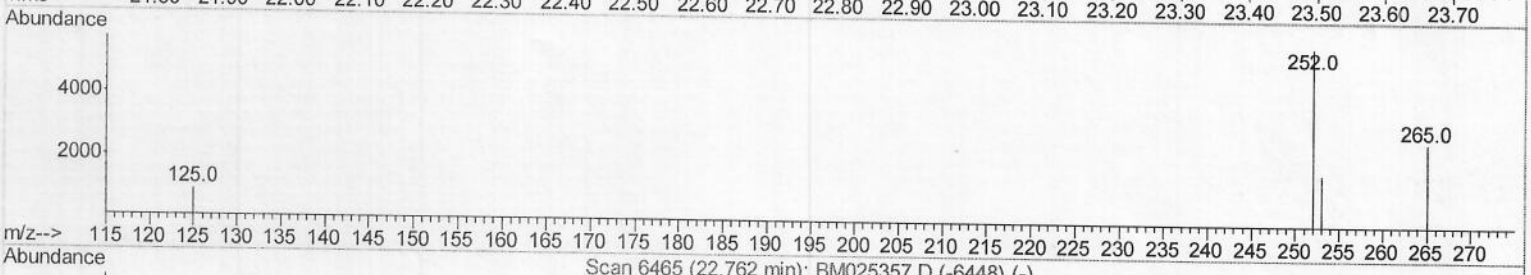
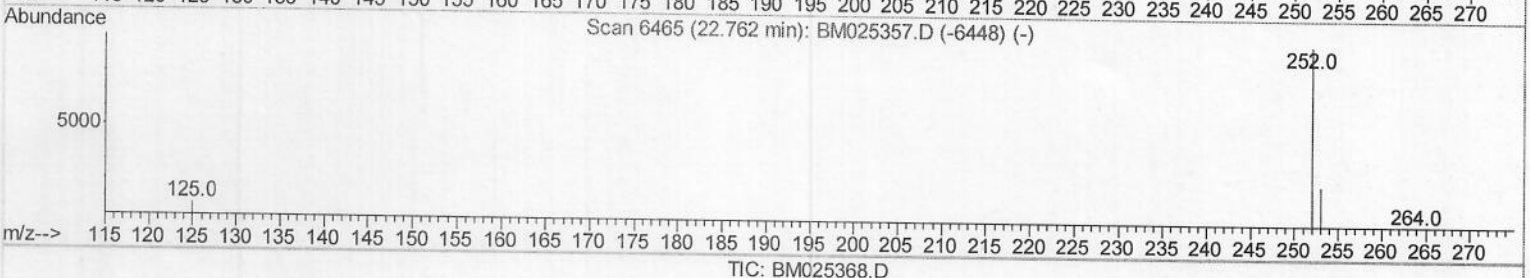
Manual Integrations APPROVED
mohammad
3/9/2020 3:02:38 PM







TIC: BM025368.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 0.12ng/ul m JU 03/11/20

response 11551

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	29.89
125.00	14.30	15.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 54 Sample Multiplier: 1

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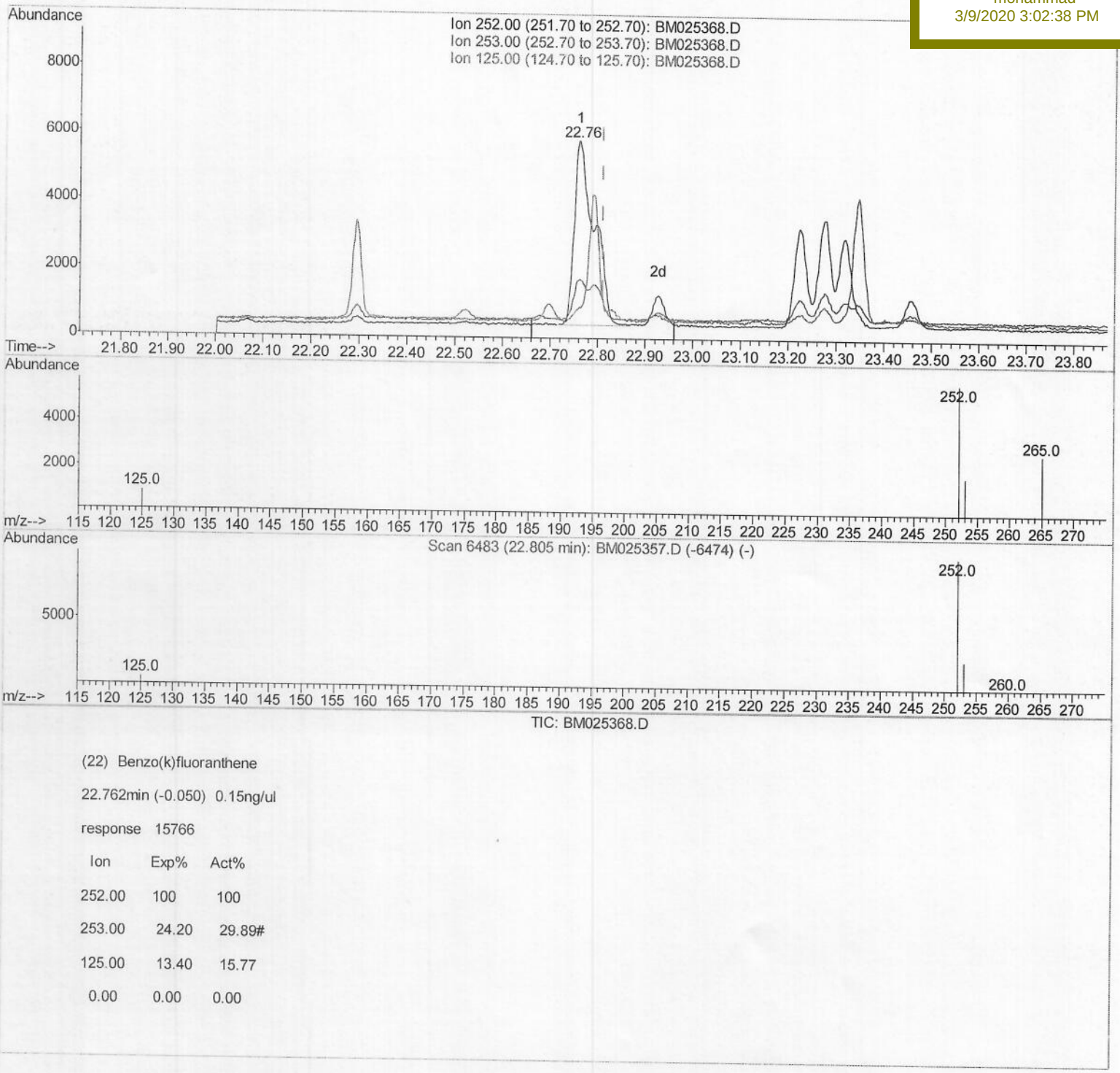
BNA_M
ClientSampleId :
DBDN8

Manual Integrations APPROVED
mohammad
3/9/2020 3:02:38 PM



TIC: BM025368.D

(22) Benzo(k)fluoranthene

22.762min (-0.050) 0.15ng/ul

response 15766

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	29.89#
125.00	13.40	15.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : L1615-14
Misc :
ALS Vial : 54 Sample Multiplier: 1

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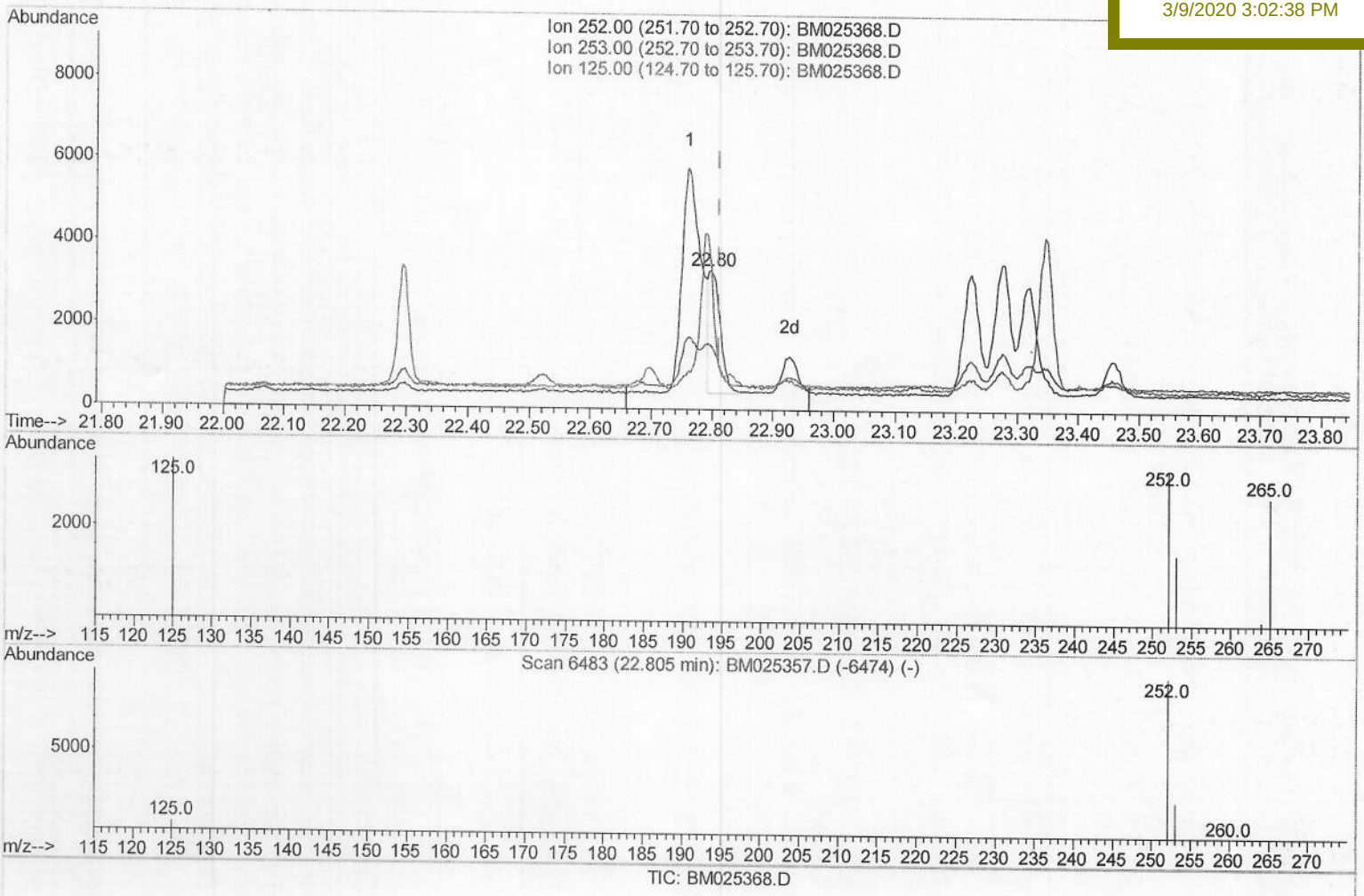
DBDN8

Manual Integrations APPROVED
mohammad
3/9/2020 3:02:38 PM



TIC: BM025368.D

(22) Benzo(k)fluoranthene

22.798min (-0.014) 0.04ng/ul m > SV 03/11/20

response 4123

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	46.27#
125.00	13.40	102.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDN8

Manual Integrations APPROVED
mohammad
3/9/2020 3:02:38 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	18777	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	31245m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	28492	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	24900	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8946	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	25979	0.26	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	5715	0.057	ng/ul	98
13) Anthracene	17.17	178	14282	0.160	ng/ul	96
15) Fluoranthene	19.10	202	7485	0.059	ng/ul	99
17) Pyrene	19.46	202	7349	0.068	ng/ul#	97
18) Benzo(a)anthracene	21.21	228	4227	0.040	ng/ul	96
19) Chrysene	21.26	228	5641	0.049	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	11551m	0.116	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	4123m	0.039	ng/ul	
23) Benzo(a)pyrene	23.32	252	4809	0.057	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.59	276	3124	0.030	ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	2433	0.027	ng/ul	91

JU 03/11/20

JU 03/11/20

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