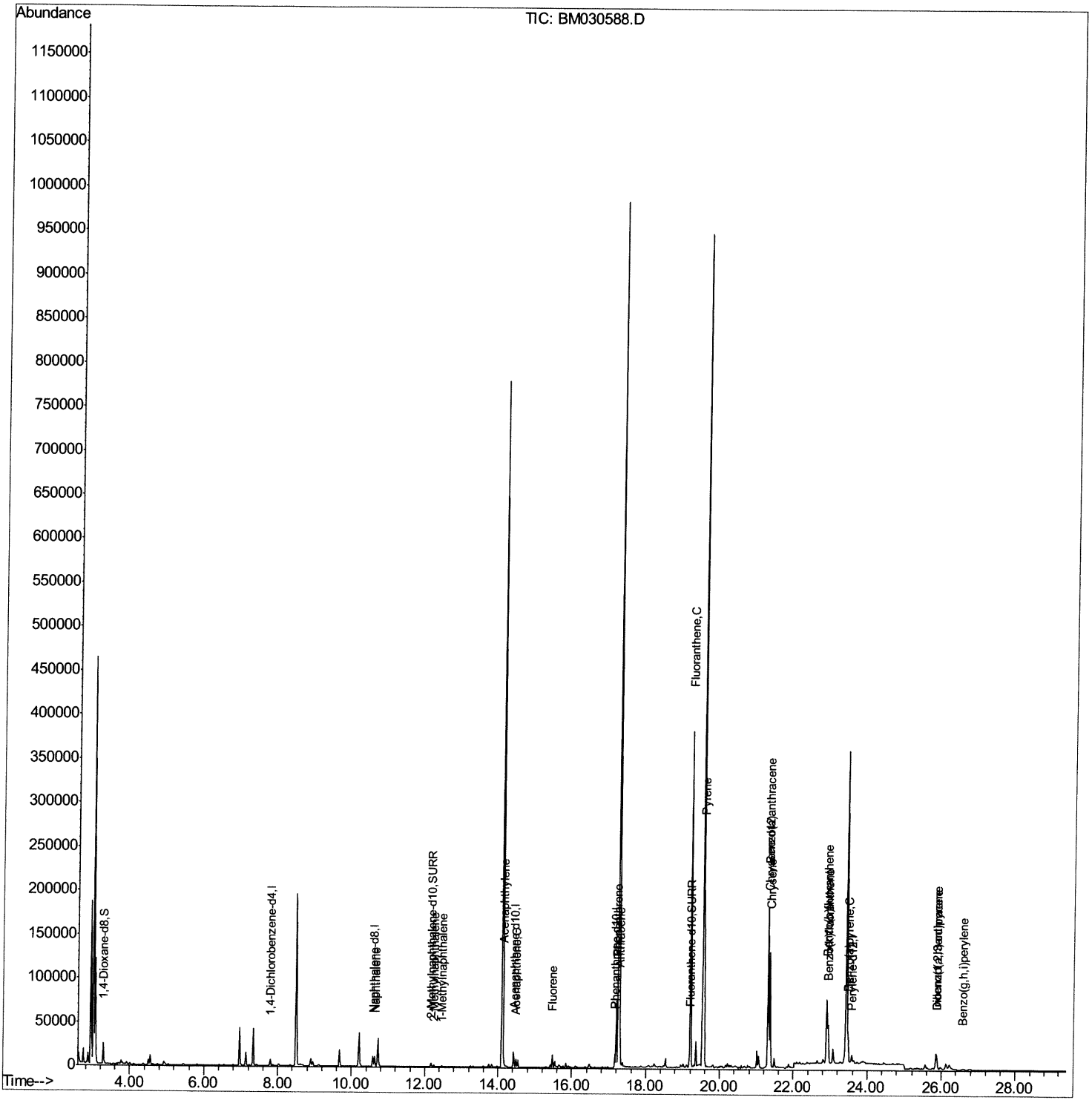
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\
Data File : BM030588.D
Acq On : 24 Jun 2021 22:55
Operator : CG/JU
Sample : M2662-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 25 02:57:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDA1

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:00 PM



Quantitation Report (Qedit)

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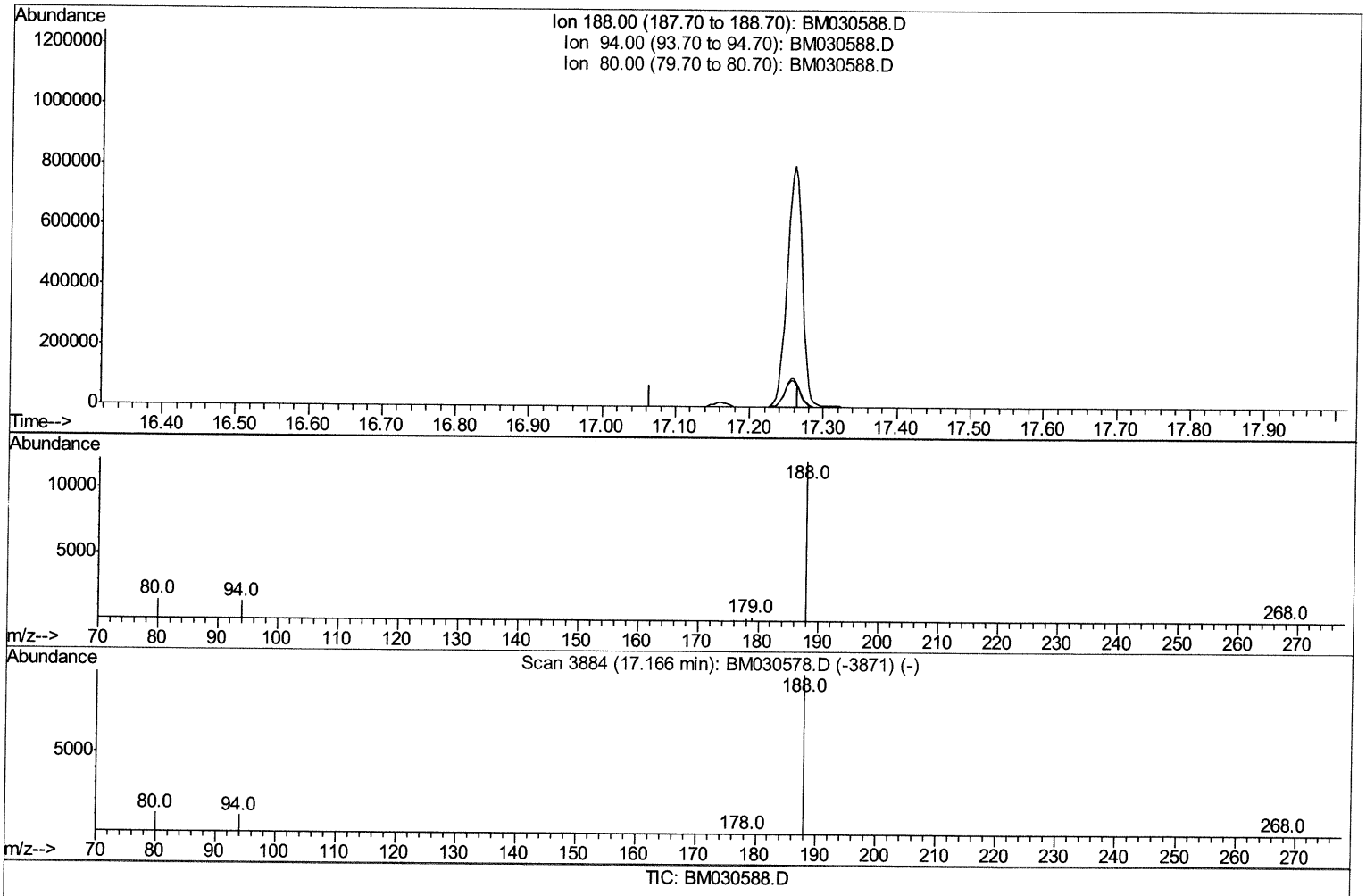

TIC: BM030588.D

(13) Phenanthrene-d10 (I)

17.166min (-17.166) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.30	0.00#
80.00	11.60	0.00#
0.00	0.00	0.00

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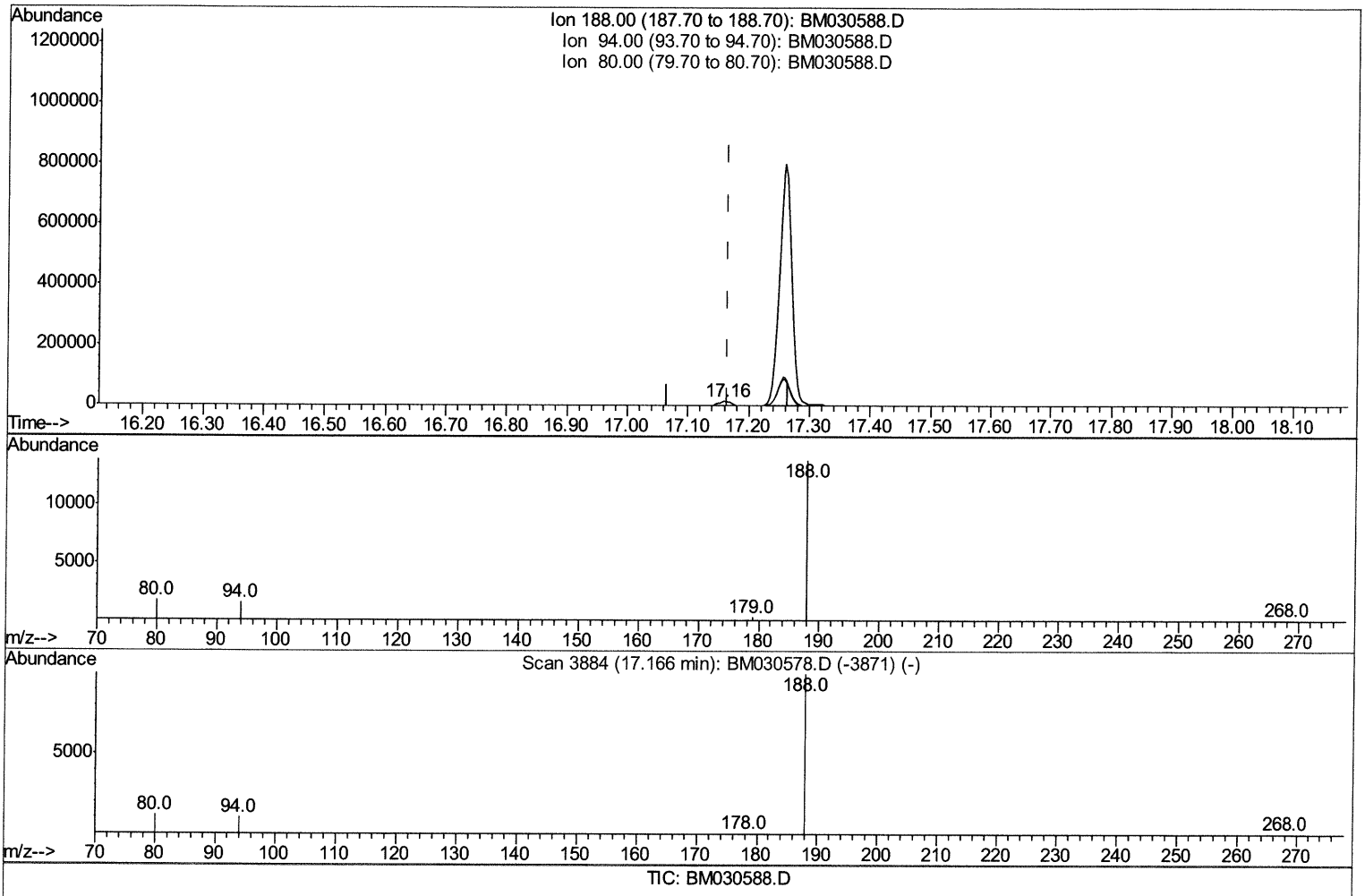

TIC: BM030588.D

(13) Phenanthrene-d10 (I)

17.162min (-0.003) 0.40ng/ul m 06/28/21 JU

response 19676

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	11.17
80.00	11.60	12.40
0.00	0.00	0.00

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Misc :
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BNA_M
ClientSampleId :
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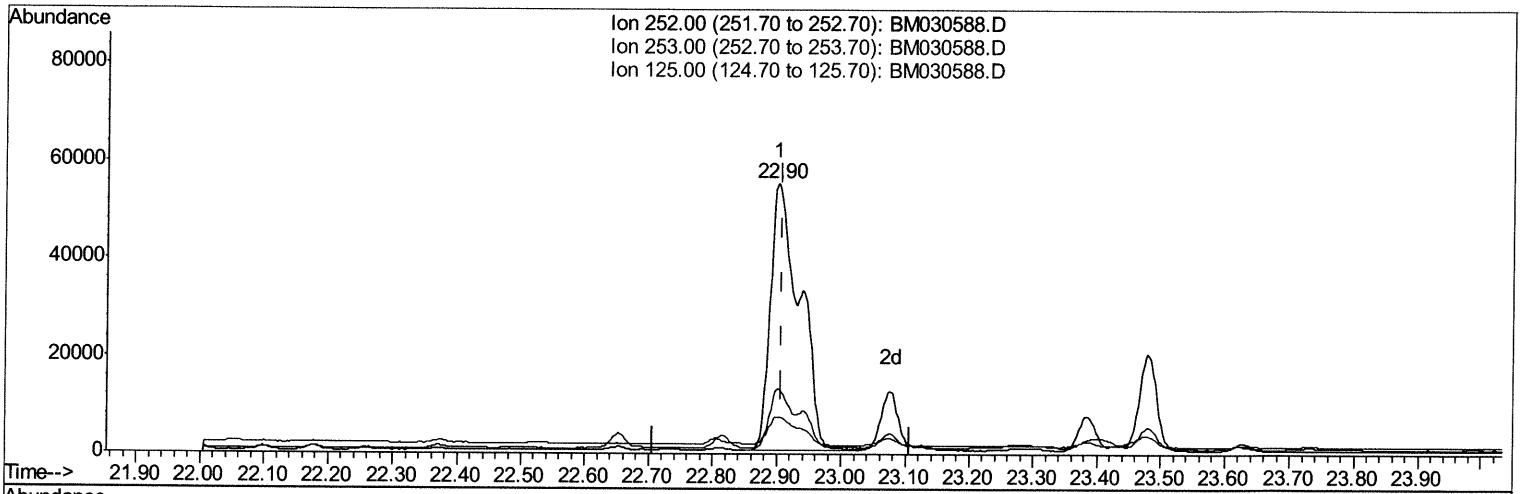
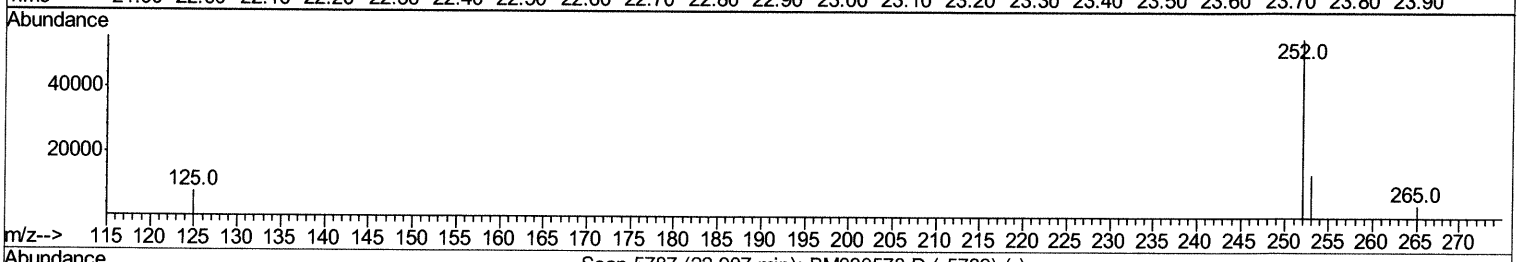
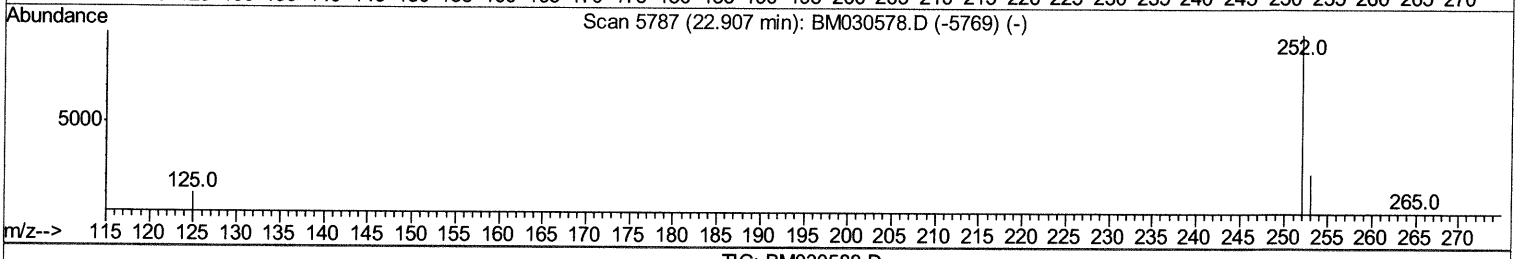
Manual Integrations APPROVED
mohammad
6/25/2021 1:09:00 PM







TIC: BM030588.D

(24) Benzo(b)fluoranthene

22.902min (-0.005) 2.89ng/ul

response 175063

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.02
125.00	13.90	13.85
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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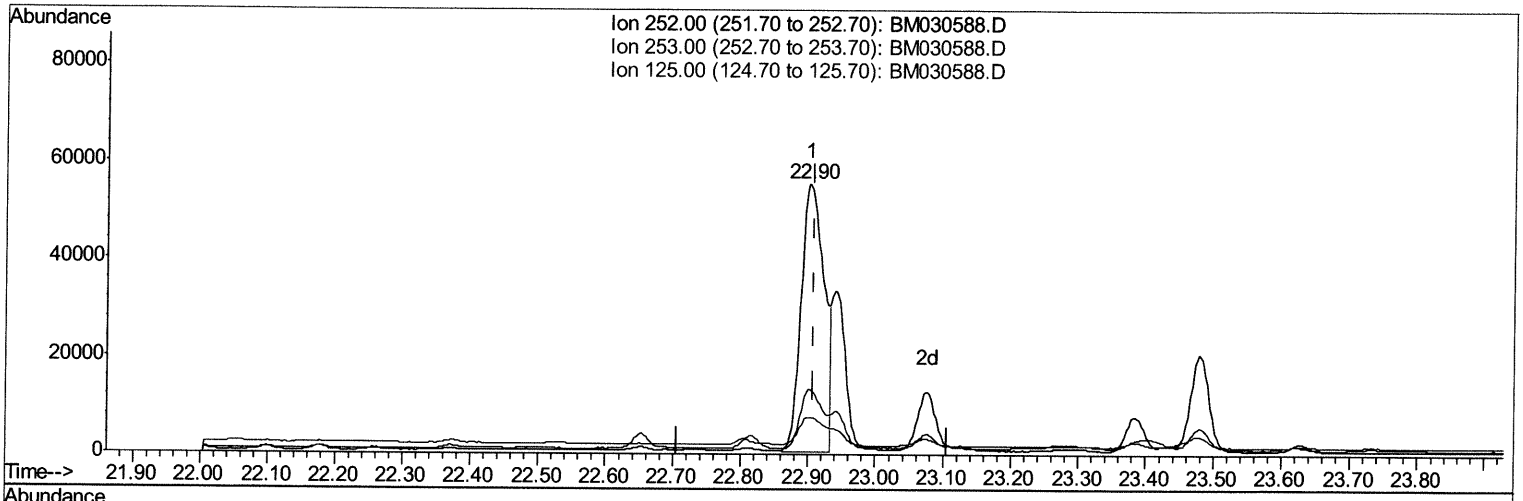
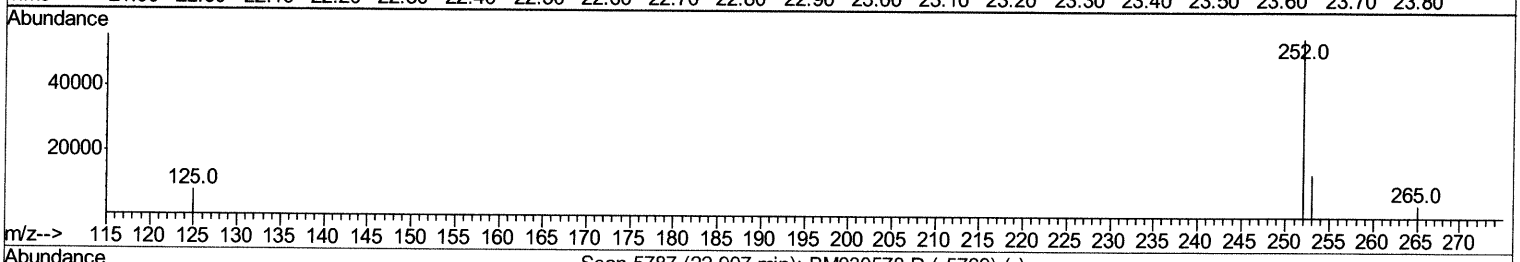
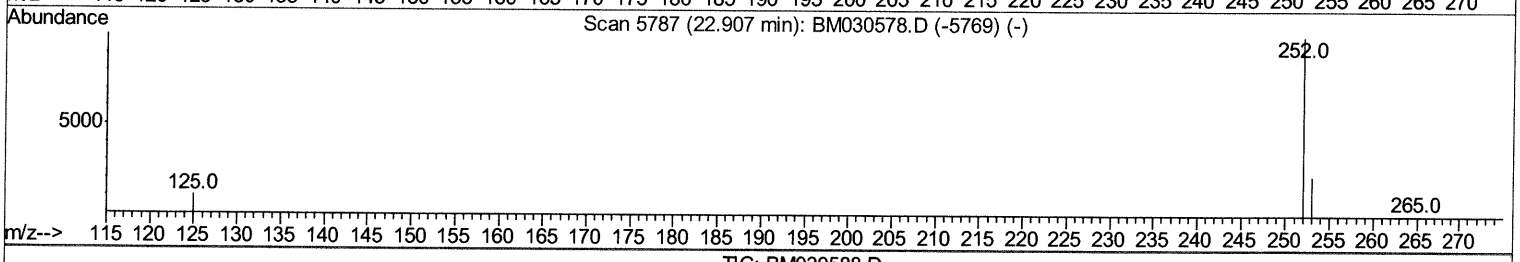
Manual Integrations APPROVED
mohammad
6/25/2021 1:09:00 PM







TIC: BM030588.D

(24) Benzo(b)fluoranthene

22.902min (-0.005) 2.09ng/ul m 06/28/2021

response 126748

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.02
125.00	13.90	13.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : M2662-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

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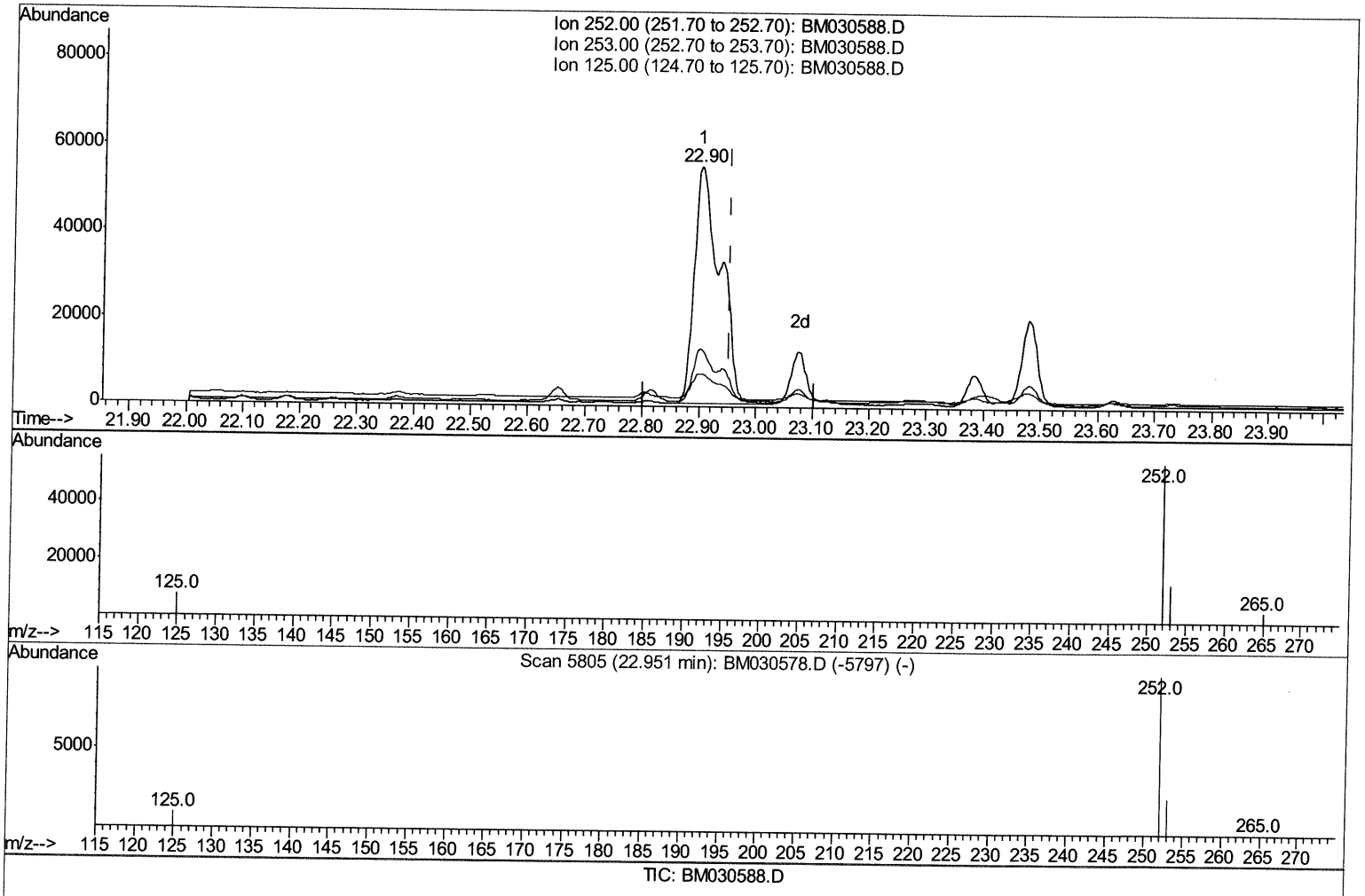
Instrument :
BNA_M
ClientSampleId :
BGDA1

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:00 PM



TIC: BM030588.D

(25) Benzo(k)fluoranthene

22.902min (-0.051) 2.76ng/ul

response 175063

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	24.02
125.00	13.70	13.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : M2662-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

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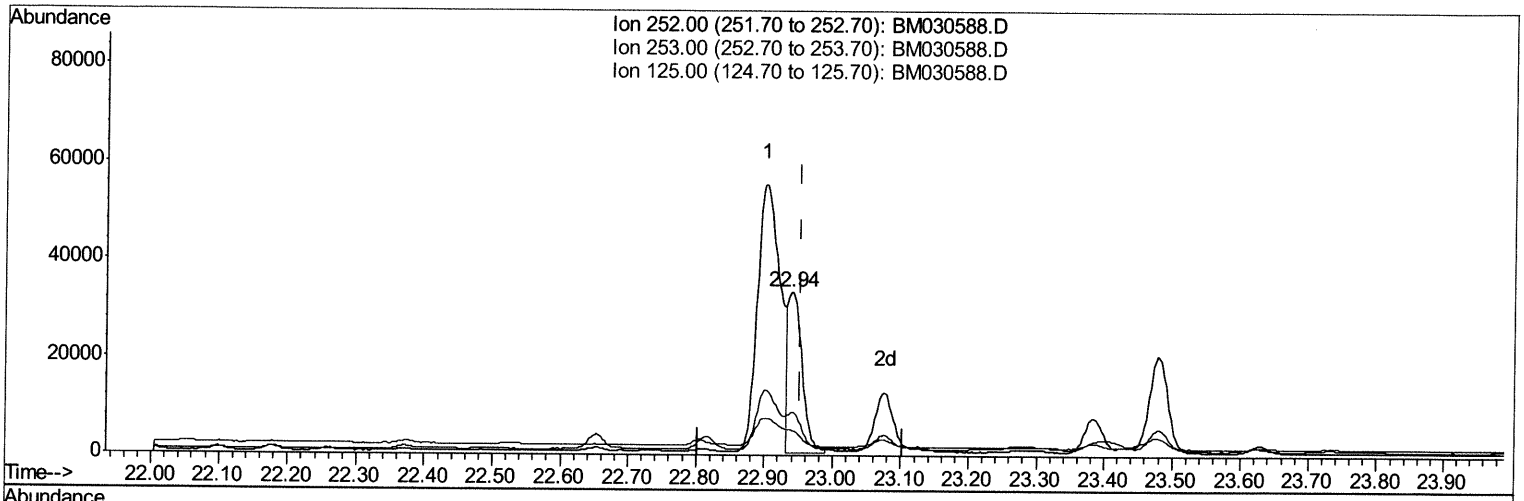
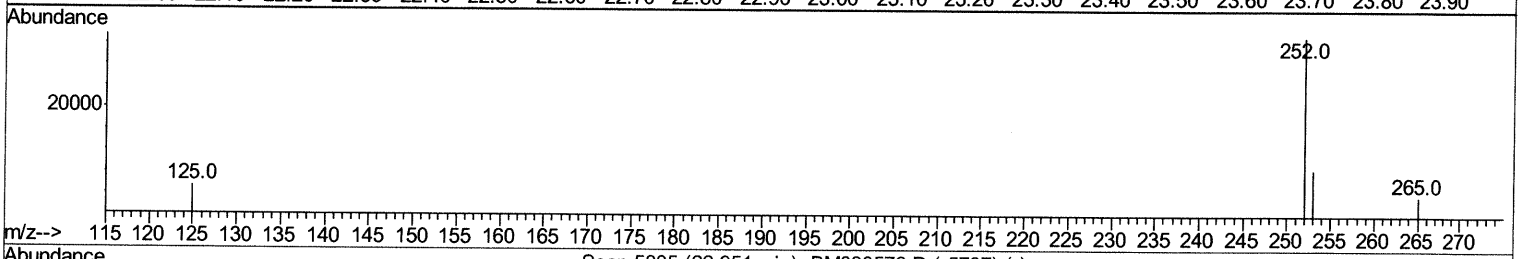
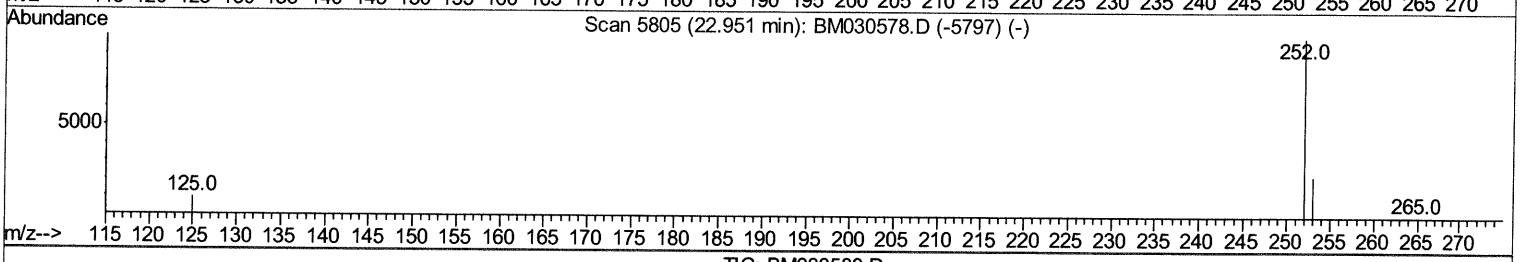
Instrument :
BNA_M
ClientSampleId :
BGDA1

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:00 PM







TIC: BM030588.D

(25) Benzo(k)fluoranthene

22.939min (-0.014) 0.76ng/ul m 06/28/21 JG

response 48458

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.31
125.00	13.70	15.93
0.00	0.00	0.00

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Operator : CG/JU
Sample : M2662-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDA1

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:00 PM

Quant Time: Jun 25 02:57:14 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3715	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	15395	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9810	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	19676m >	0.40	ng/ul >	0.00
17) Chrysene-d12	21.32	240	16198	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	13917	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	15904	4.00	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.17	152	6445	0.26	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	15990	0.32	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	15055	0.329	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	1560	0.050	ng/ul	100
8) 1-Methylnaphthalene	12.47	142	966	0.032	ng/ul	98
10) Acenaphthylene	14.14	152	6192	0.135	ng/ul	95
11) Acenaphthene	14.49	153	5702	0.152	ng/ul	99
12) Fluorene	15.47	166	9131	0.220	ng/ul	97
15) Phenanthrene	17.20	178	80786	1.153	ng/ul	100
16) Anthracene	17.29	178	45744	0.745	ng/ul	99
19) Fluoranthene	19.21	202	315732	4.240	ng/ul	99
20) Pyrene	19.57	202	195333	2.560	ng/ul	100
21) Benzo(a)anthracene	21.31	228	149549	2.324	ng/ul	98
22) Chrysene	21.36	228	120101	1.681	ng/ul	98
24) Benzo(b)fluoranthene	22.90	252	126748m >	2.094	ng/ul >	
25) Benzo(k)fluoranthene	22.94	252	48458m	0.763	ng/ul	
26) Benzo(a)pyrene	23.48	252	38395	0.715	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.86	276	25699	0.376	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.86	278	11491	0.211	ng/ul#	82
29) Benzo(g,h,i)perylene	26.56	276	1194	0.020	ng/ul#	27

06/28/21 JU

06/28/21 JU

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