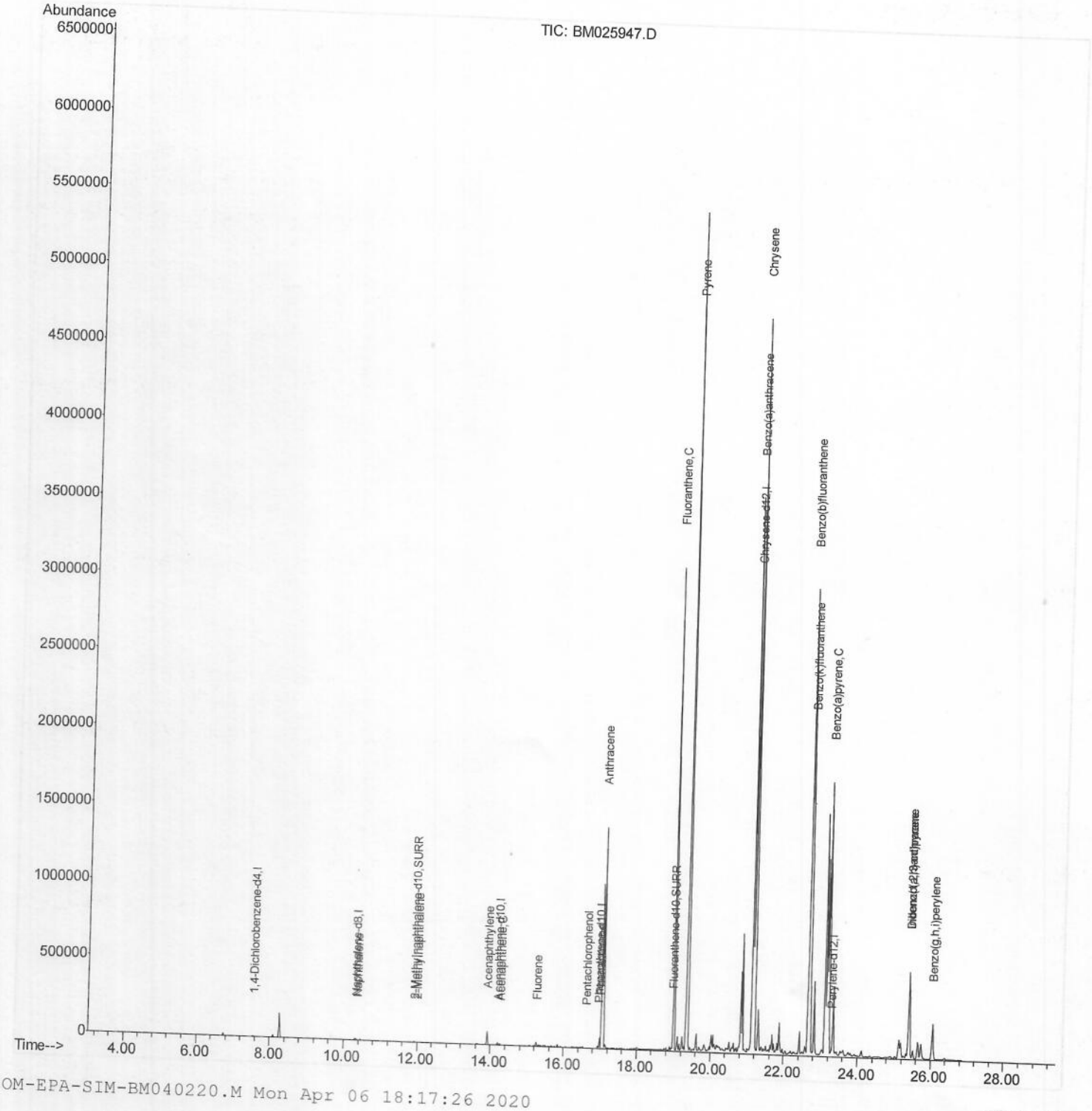
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040620\
Data File : BM025947.D
Acq On : 06 Apr 2020 15:39
Operator : CG/JU
Sample : L2062-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 06 18:18:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM



SOM-EPA-SIM-BM040220.M Mon Apr 06 18:17:26 2020

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040620\
Data File : BM025947.D
Acq On : 06 Apr 2020 15:39
Operator : CG/JU
Sample : L2062-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 06 18:16:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
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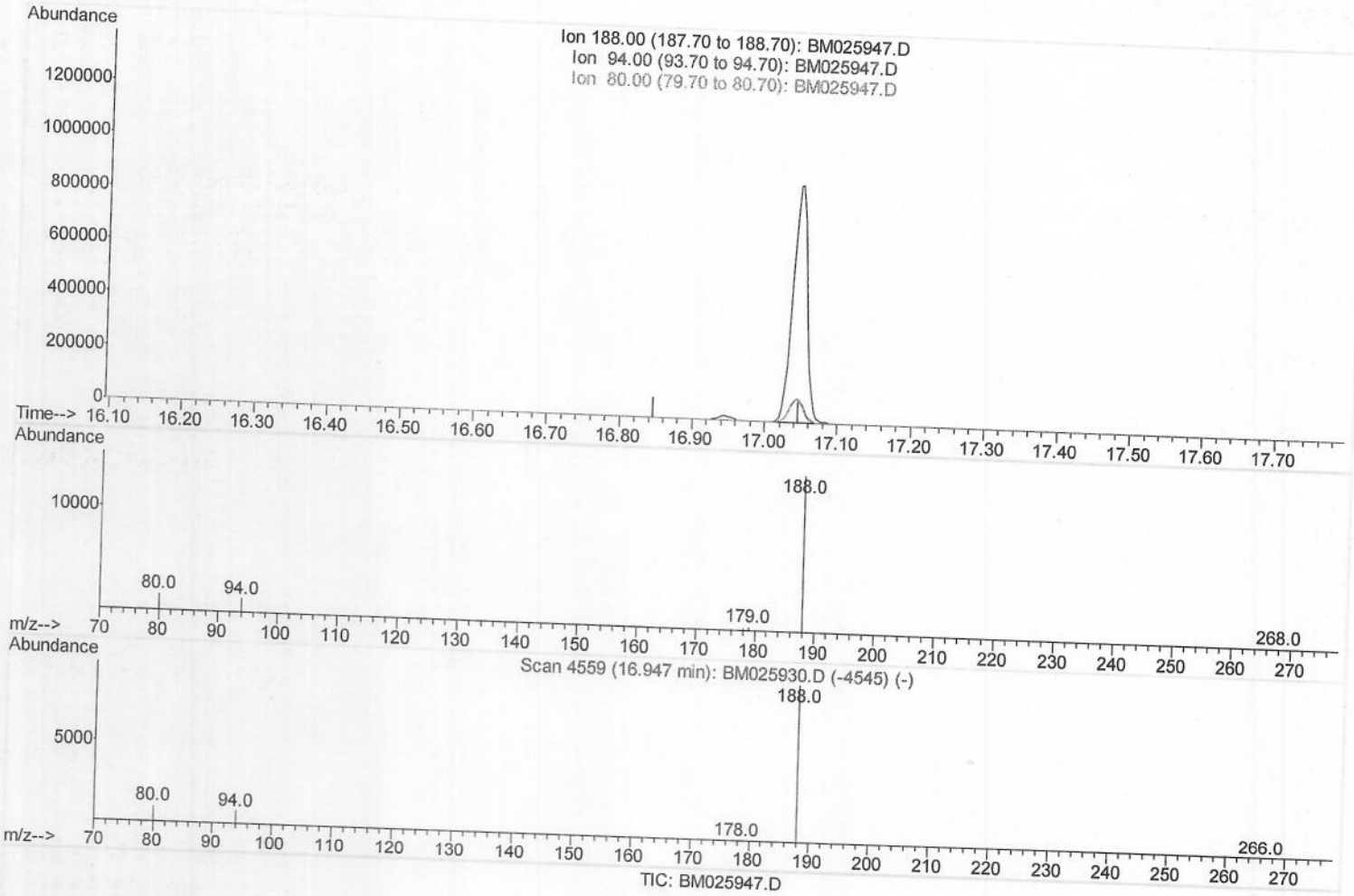
Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM



(10) Phenanthrene-d10 (I)

16.947min (-16.947) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.20	0.00#
80.00	9.50	0.00#
0.00	0.00	0.00

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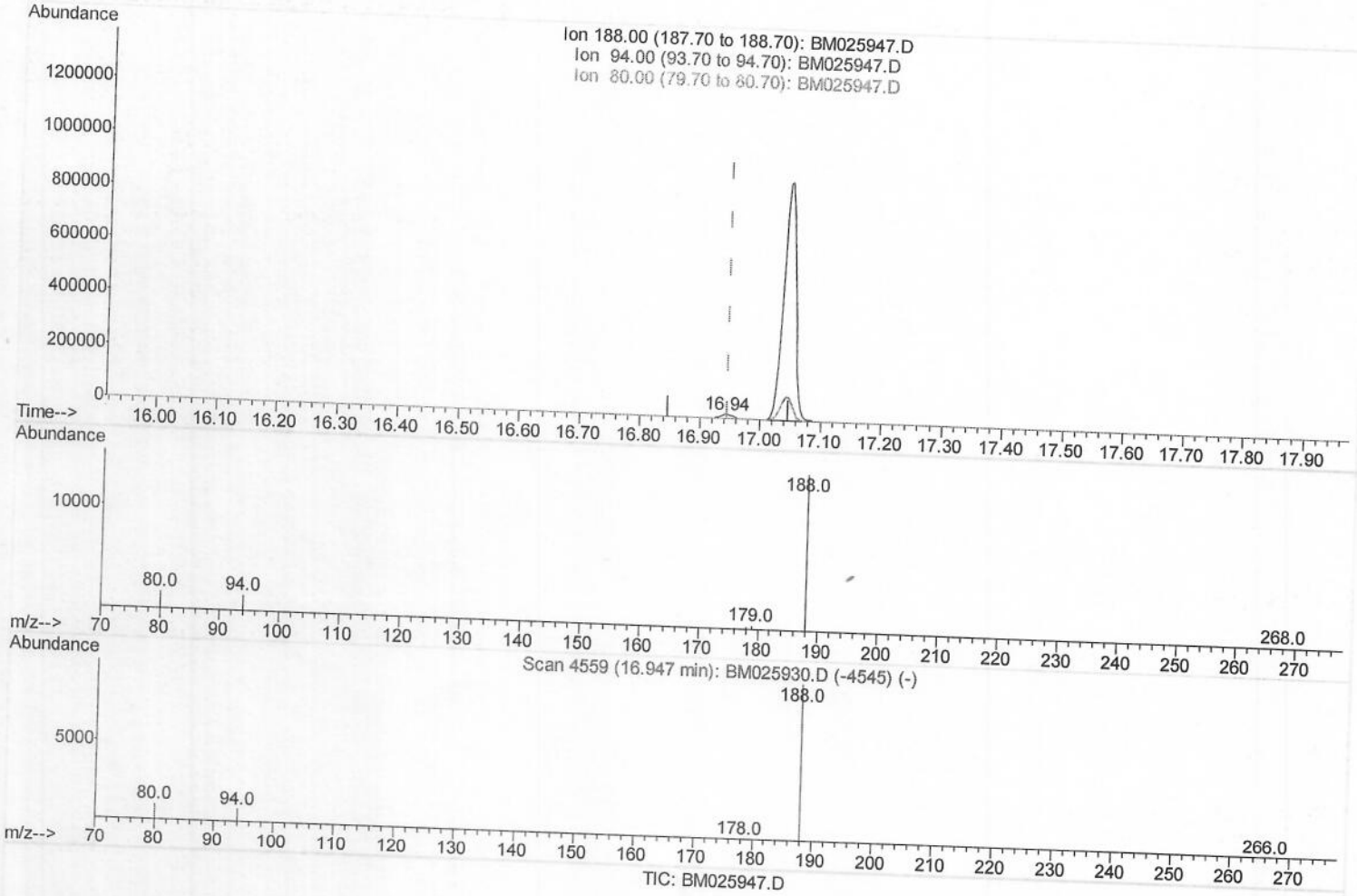
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM



(10) Phenanthrene-d10 (I)

16.942min (-0.005) 0.40ng/ul m

response 21305

Ion	Exp%	Act%
188.00	100	100
94.00	8.20	10.08#
80.00	9.50	11.34
0.00	0.00	0.00

AP
04/8/2020

Quantitation Report (Qedit)

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Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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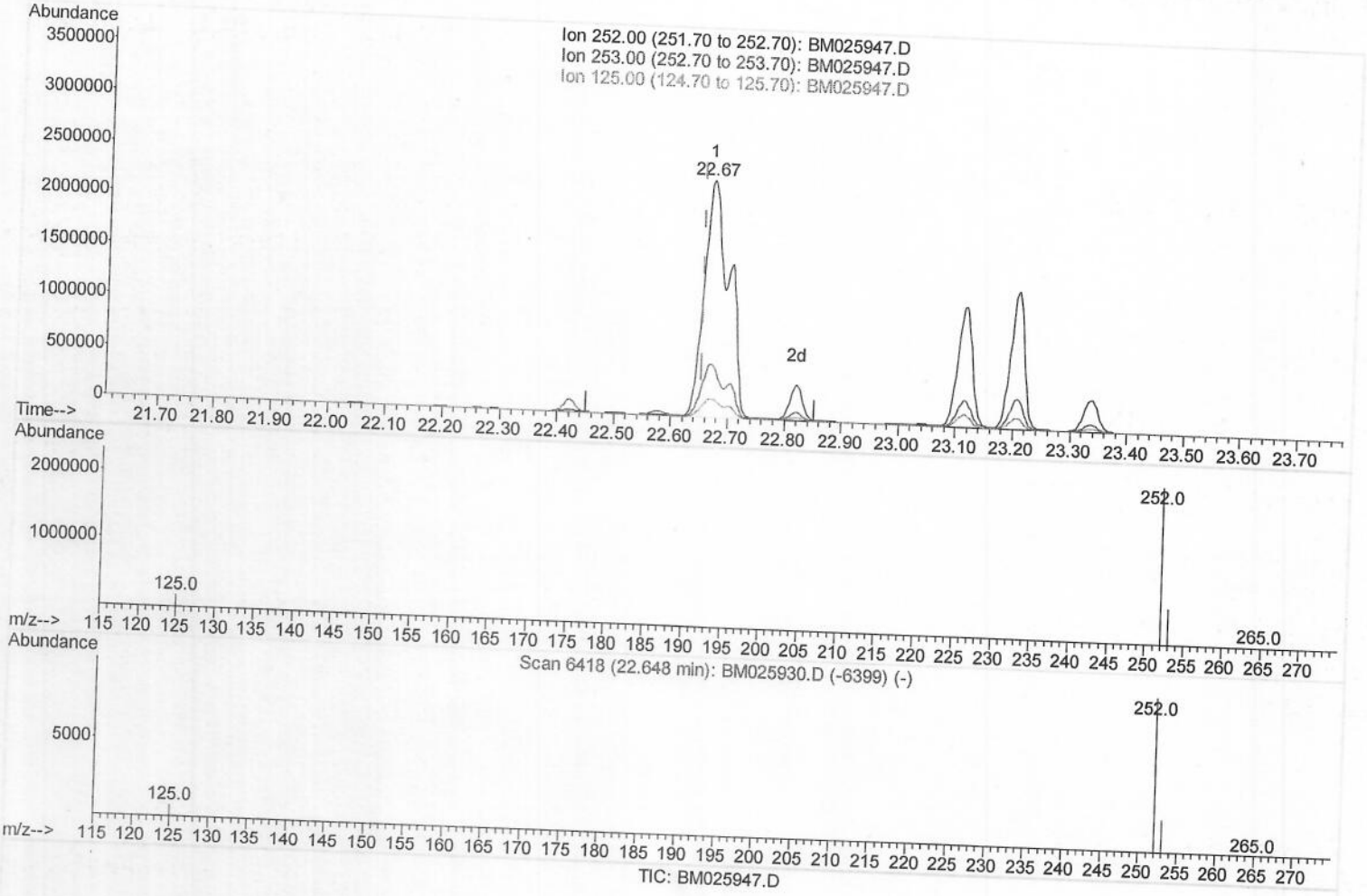
Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM



(21) Benzo(b)fluoranthene

22.667min (+0.015) 71.42ng/ul

response 6988312

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	22.82
125.00	7.70	7.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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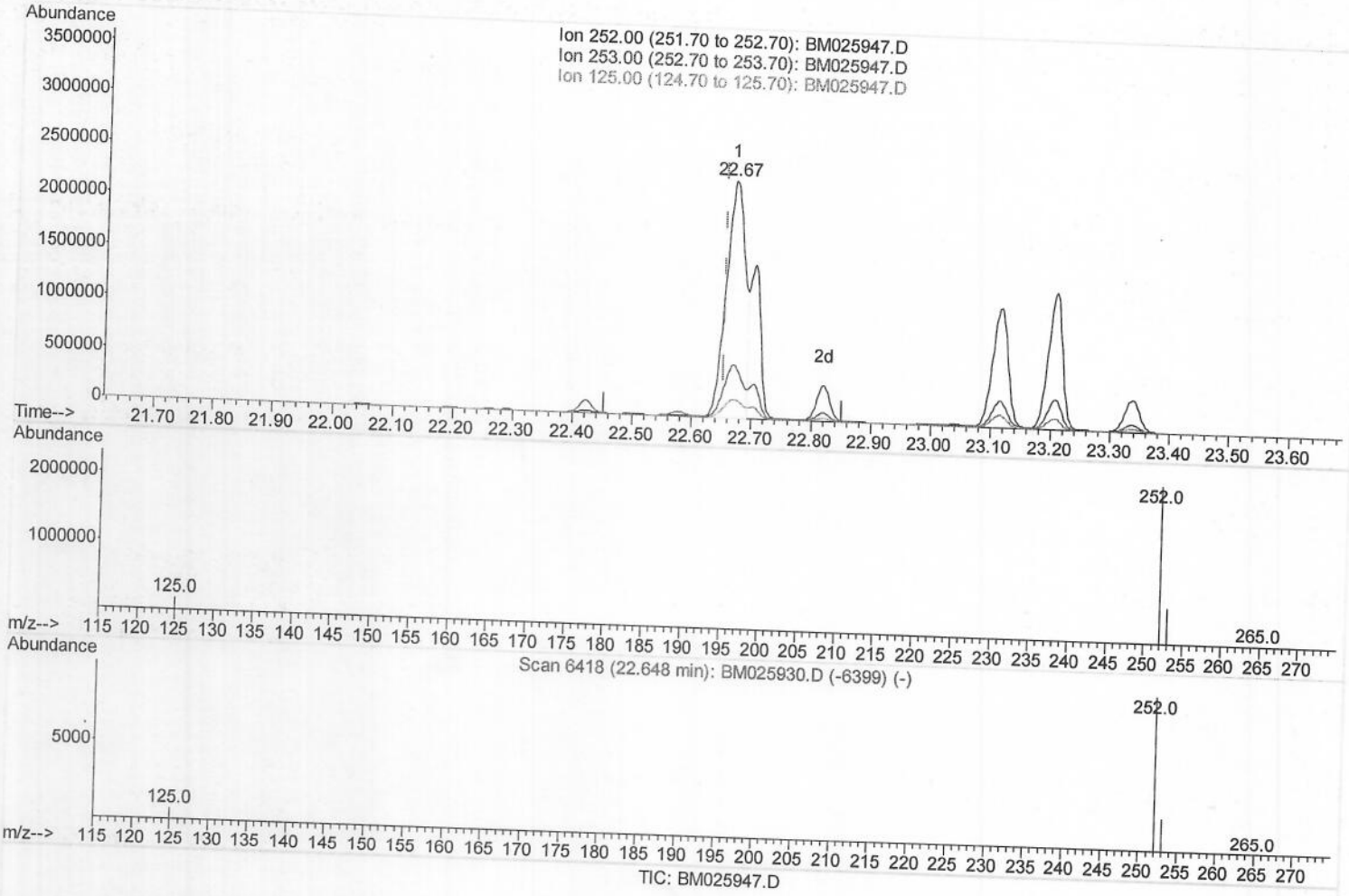
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM



(21) Benzo(b)fluoranthene

22.667min (+0.015) 51.85ng/ul m → AP 04/8/2020

response 5073335

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	22.82
125.00	7.70	7.90
0.00	0.00	0.00

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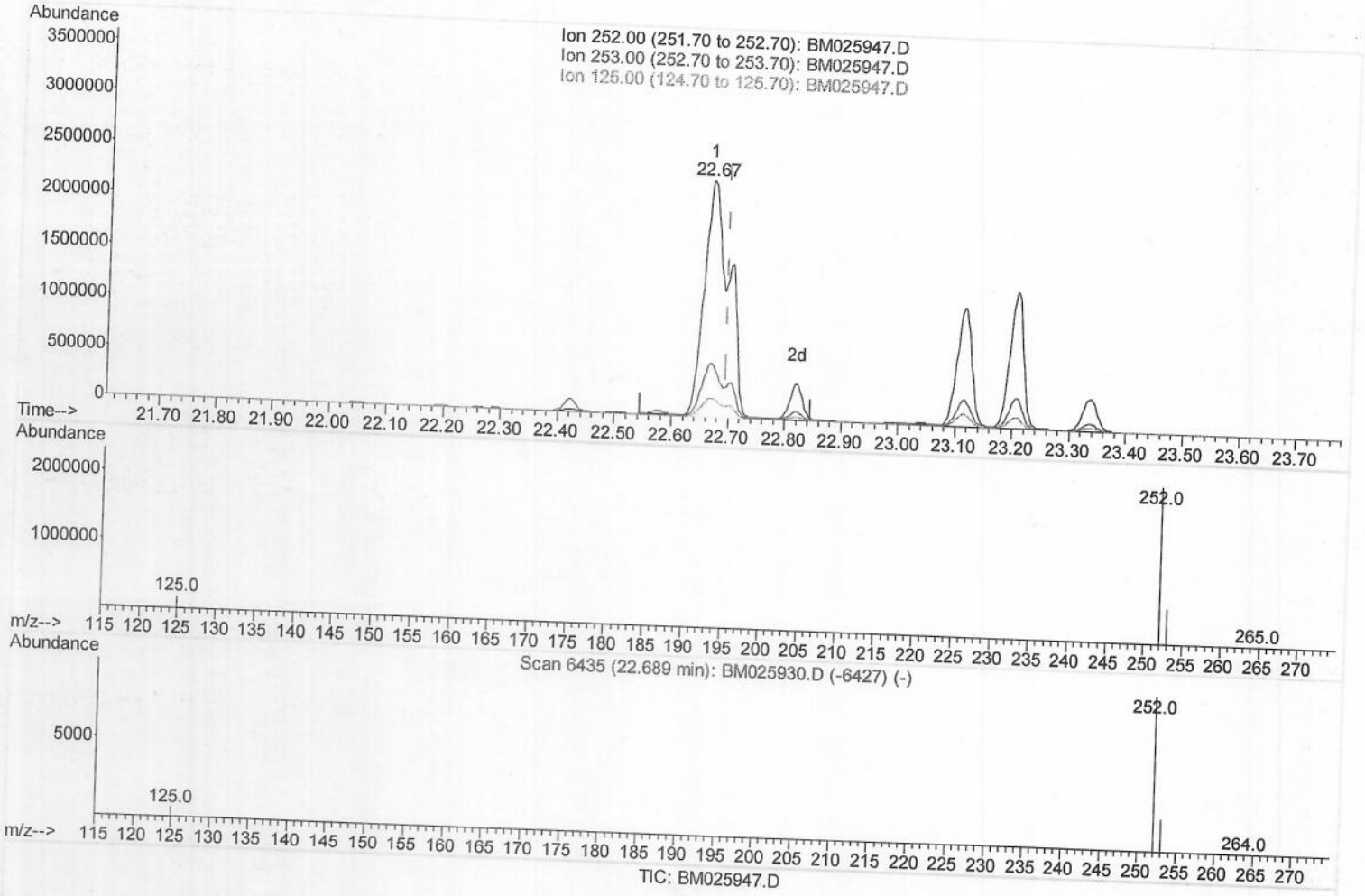
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM



(22) Benzo(k)fluoranthene

22.667min (-0.029) 66.61ng/ul

response 6988226

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.82
125.00	8.40	7.90
0.00	0.00	0.00

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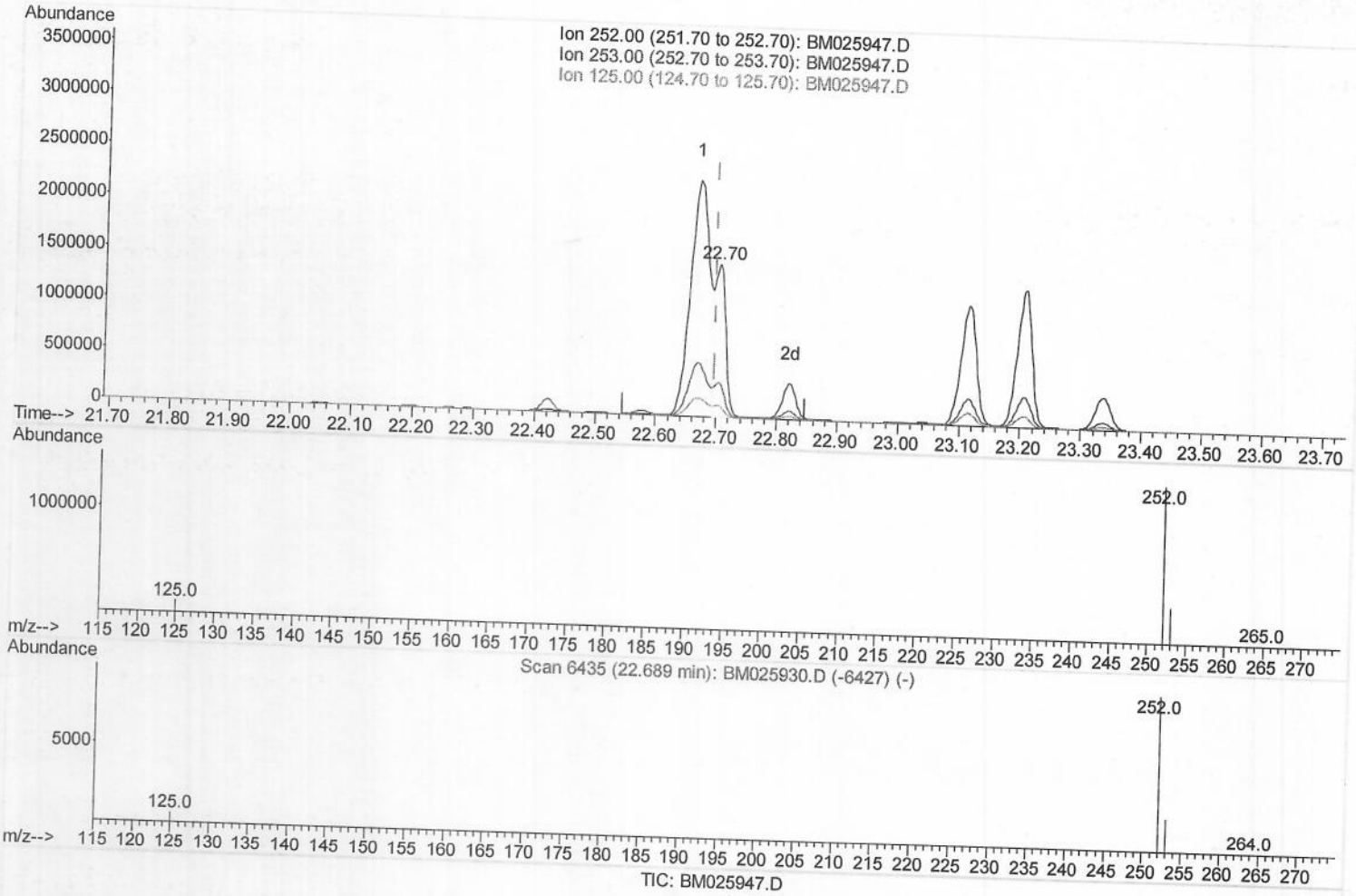
Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM



(22) Benzo(k)fluoranthene

22.704min (+0.007) 18.37ng/ul m → AP 04/8/2020

response 1927378

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.83
125.00	8.40	7.45
0.00	0.00	0.00

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ClientSampleId : F3E06

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	12918	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9418	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	21305m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	24243	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	26587	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	5420	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	17634	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	3891	0.102	ng/ul#	96
5) 2-Methylnaphthalene	12.00	142	1586	0.060	ng/ul	99
7) Acenaphthylene	13.92	152	101642	2.524	ng/ul	98
8) Acenaphthene	14.26	153	7377	0.221	ng/ul	99
9) Fluorene	15.25	166	18090	0.436	ng/ul	100
11) Pentachlorophenol	16.61	266	407	0.078	ng/ul	92
12) Phenanthrene	16.99	178	70024	1.043	ng/ul	99
13) Anthracene	17.08	178	1489456	25.118	ng/ul	99
15) Fluoranthene	19.01	202	2672617	32.225	ng/ul	99
17) Pyrene	19.38	202	4542514	52.319	ng/ul	98
18) Benzo(a)anthracene	21.13	228	3158673	36.449	ng/ul	97
19) Chrysene	21.19	228	4915733	51.972	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	5073335m>	51.851	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1927378m>	18.371	ng/ul	
23) Benzo(a)pyrene	23.21	252	2246978	25.697	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.41	276	822765	7.026	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.41	278	250518	2.563	ng/ul	98
26) Benzo(g,h,i)perylene	26.05	276	444376	4.486	ng/ul	99

AP-04/8/2020

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