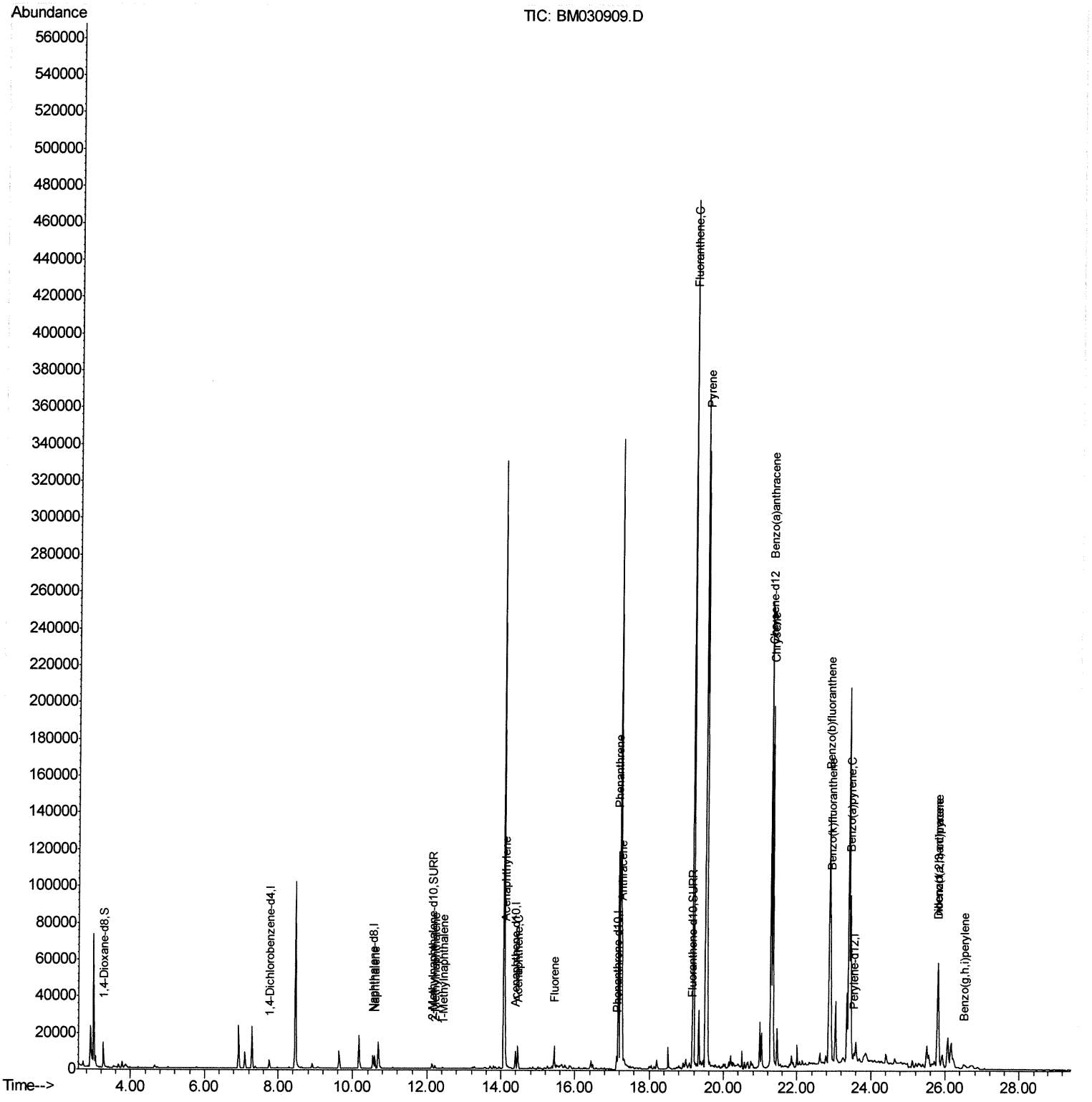
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030909.D
Acq On : 09 Jul 2021 06:37
Operator : CG/JU
Sample : M2877-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 09 07:28:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ7

Manual Integrations APPROVED
mohammad
7/9/2021 3:02:35 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030909.D
Acq On : 09 Jul 2021 06:37
Operator : CG/JU
Sample : M2877-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 09 07:20:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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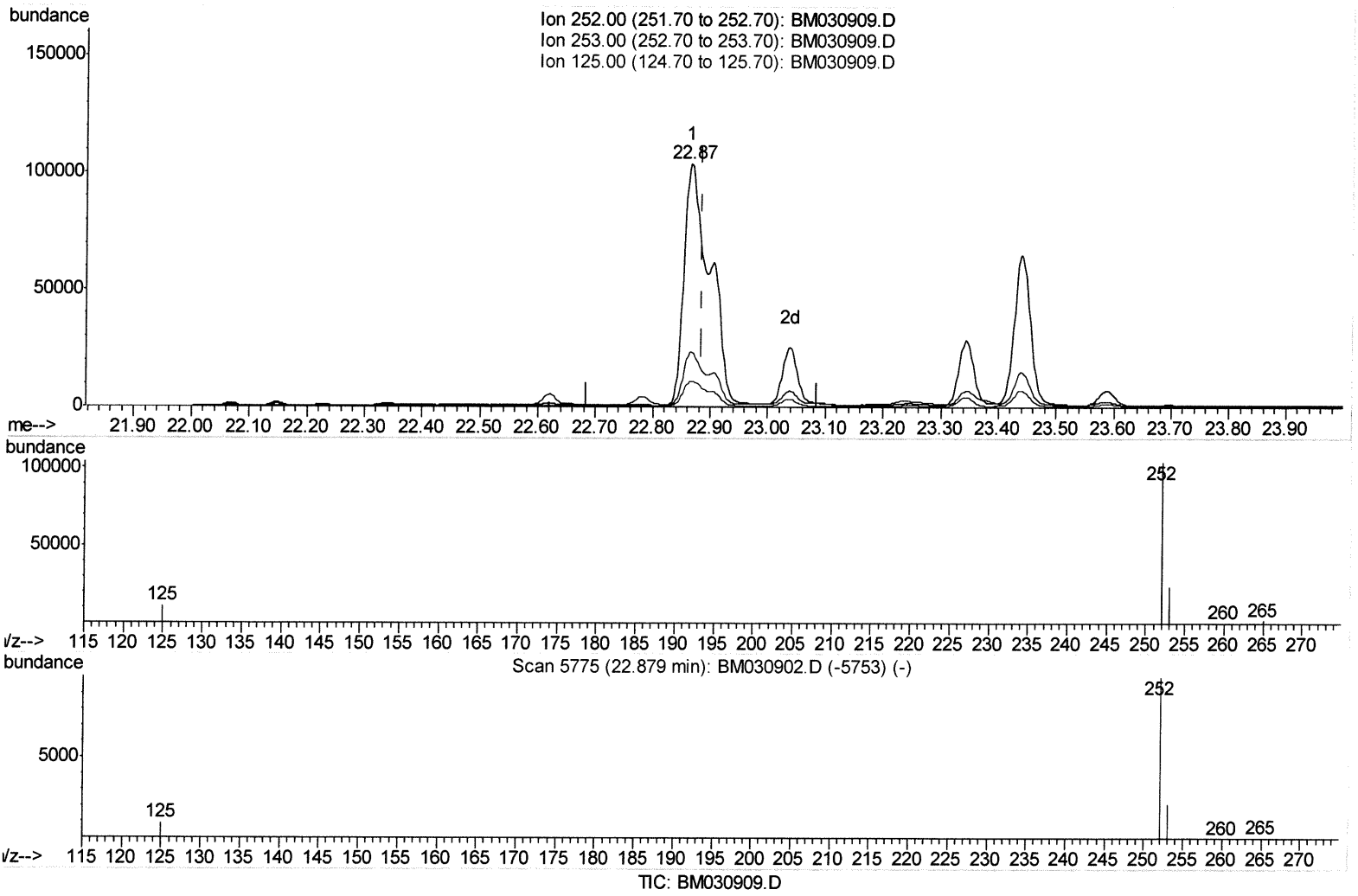

(24) Benzo(b)fluoranthene

22.866min (-0.019) 10.28ng/ul

response 325586

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.71
125.00	13.90	10.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030909.D
Acq On : 09 Jul 2021 06:37
Operator : CG/JU
Sample : M2877-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 09 07:20:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
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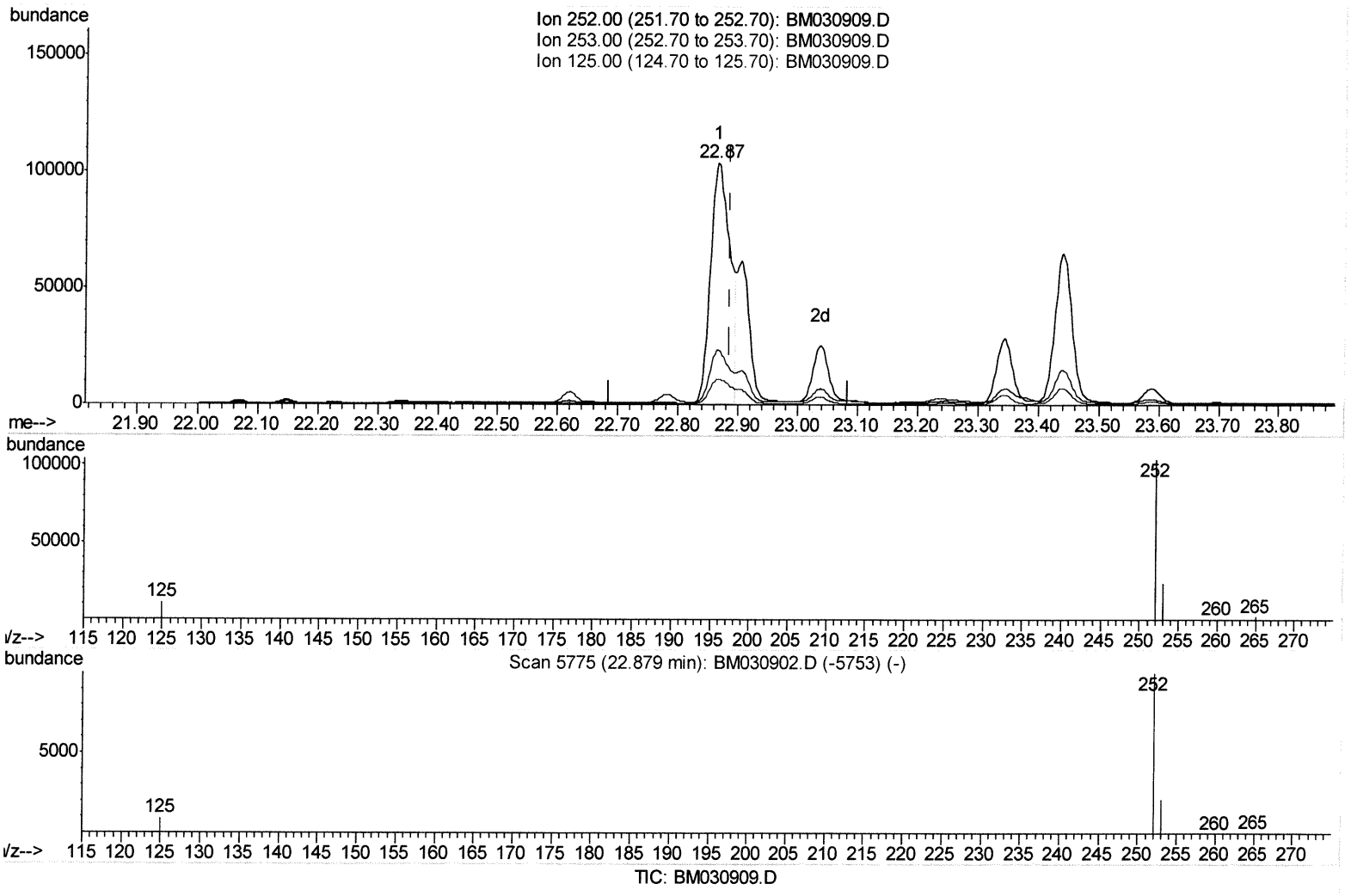
Instrument :
BNA_M
ClientSampleId :
BGDZ7

Manual Integrations APPROVED
mohammad
7/9/2021 3:02:35 PM



(24) Benzo(b)fluoranthene

22.866min (-0.019) 7.36ng/ul m 07/12/21 JU

response 233184

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.71
125.00	13.90	10.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030909.D
Acq On : 09 Jul 2021 06:37
Operator : CG/JU
Sample : M2877-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 09 07:27:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ7

Manual Integrations APPROVED
mohammad
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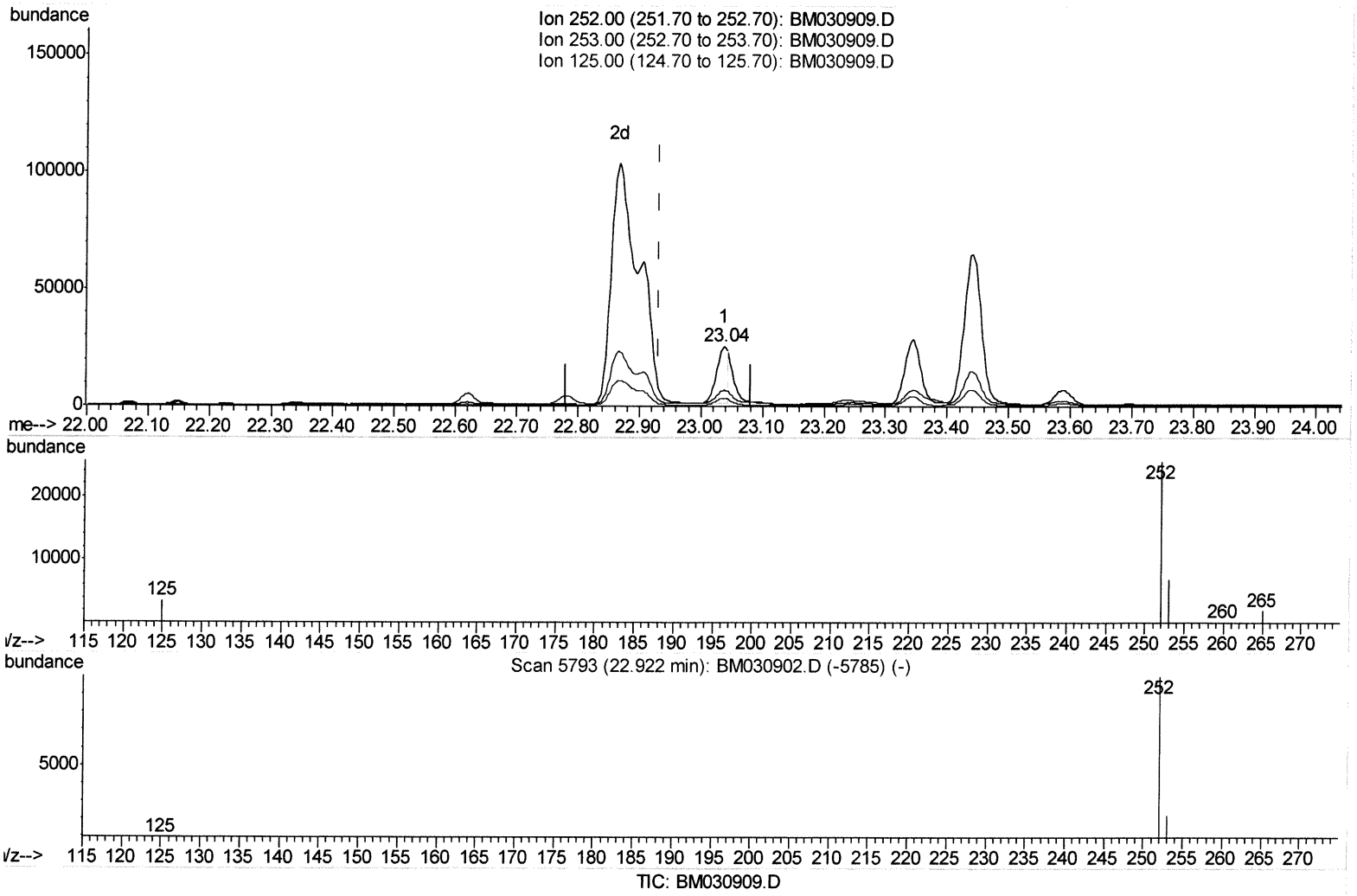

(25) Benzo(k)fluoranthene

23.038min (+0.107) 0.91ng/ul

response 29612

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.97
125.00	13.70	13.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030909.D
Acq On : 09 Jul 2021 06:37
Operator : CG/JU
Sample : M2877-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 09 07:27:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ7

Manual Integrations APPROVED
mohammad
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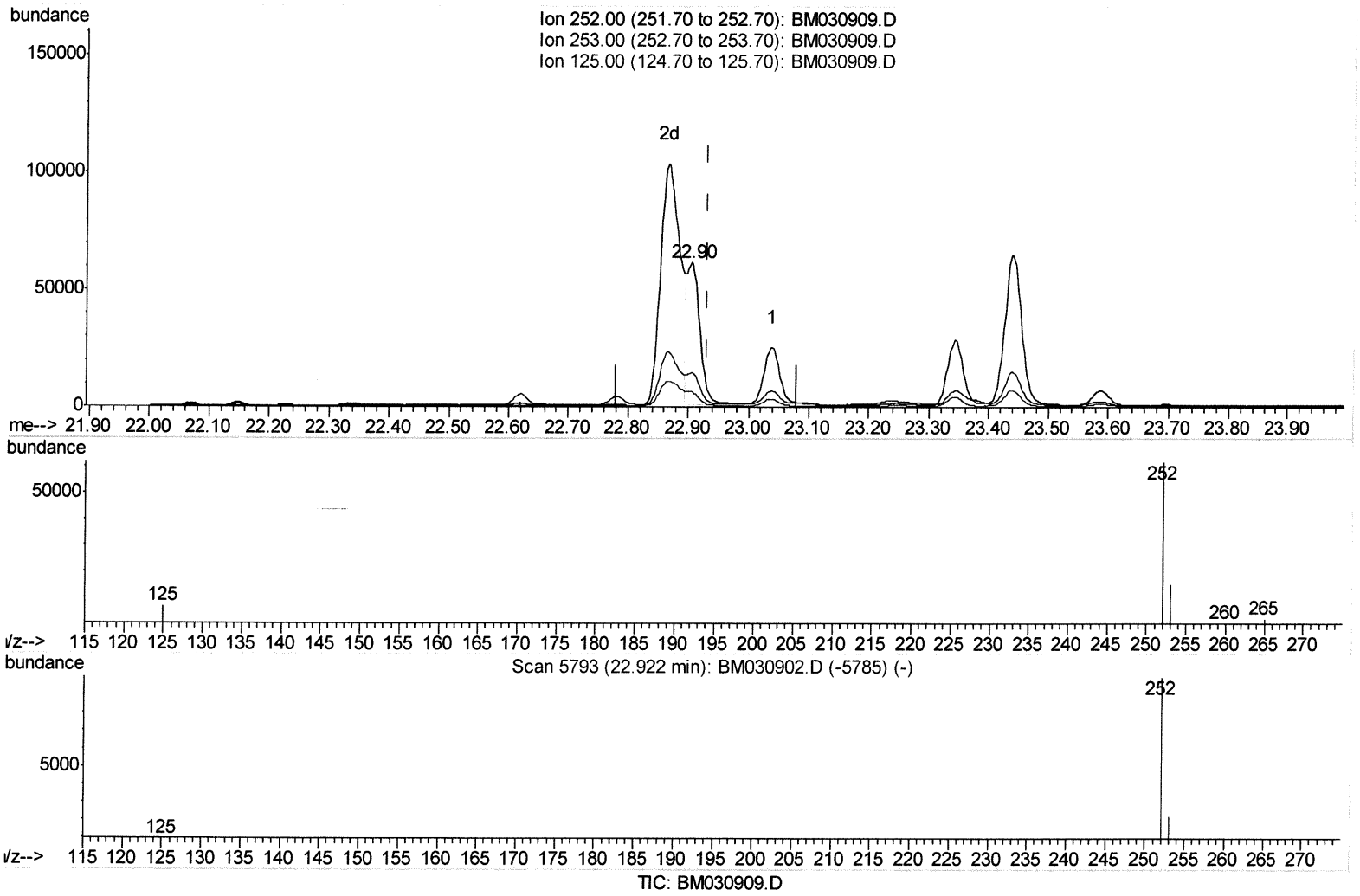

(25) Benzo(k)fluoranthene

22.905min (-0.027) 2.72ng/ul m 07/12/21 JU

response 88969

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.98
125.00	13.70	10.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030909.D
Acq On : 09 Jul 2021 06:37
Operator : CG/JU
Sample : M2877-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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Quant Time: Jul 09 07:28:10 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2361	0.40	ng/ul	0.00
4) Naphthalene-d8	10.54	136	9488	0.40	ng/ul	-0.02
9) Acenaphthene-d10	14.39	164	5352	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.13	188	8756	0.40	ng/ul	-0.02
17) Chrysene-d12	21.30	240	6246	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	7152	0.40	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	8673	3.37	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.14	152	3811	0.26	ng/ul	-0.02
18) Fluoranthene-d10	19.15	212	5875	0.33	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.59	128	9751	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.21	142	1375	0.076	ng/ul	98
8) 1-Methylnaphthalene	12.43	142	620	0.035	ng/ul	96
10) Acenaphthylene	14.11	152	15203	0.636	ng/ul	98
11) Acenaphthene	14.45	153	7361	0.380	ng/ul	98
12) Fluorene	15.44	166	7995	0.374	ng/ul	96
15) Phenanthrene	17.17	178	128258	4.357	ng/ul	99
16) Anthracene	17.26	178	67086	2.602	ng/ul	99
19) Fluoranthene	19.18	202	406268	14.737	ng/ul	99
20) Pyrene	19.54	202	288827	10.419	ng/ul	100
21) Benzo(a)anthracene	21.28	228	213154	8.561	ng/ul	97
22) Chrysene	21.33	228	184548	6.617	ng/ul	98
24) Benzo(b)fluoranthene	22.87	252	233184m	7.361	ng/ul	97
25) Benzo(k)fluoranthene	22.90	252	88969m	2.724	ng/ul	
26) Benzo(a)pyrene	23.44	252	127786	4.743	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.80	276	88887	2.532	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.81	278	27593	0.980	ng/ul	96
29) Benzo(g,h,i)perylene	26.50	276	5325	0.175	ng/ul#	85

07/12/21 JU

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