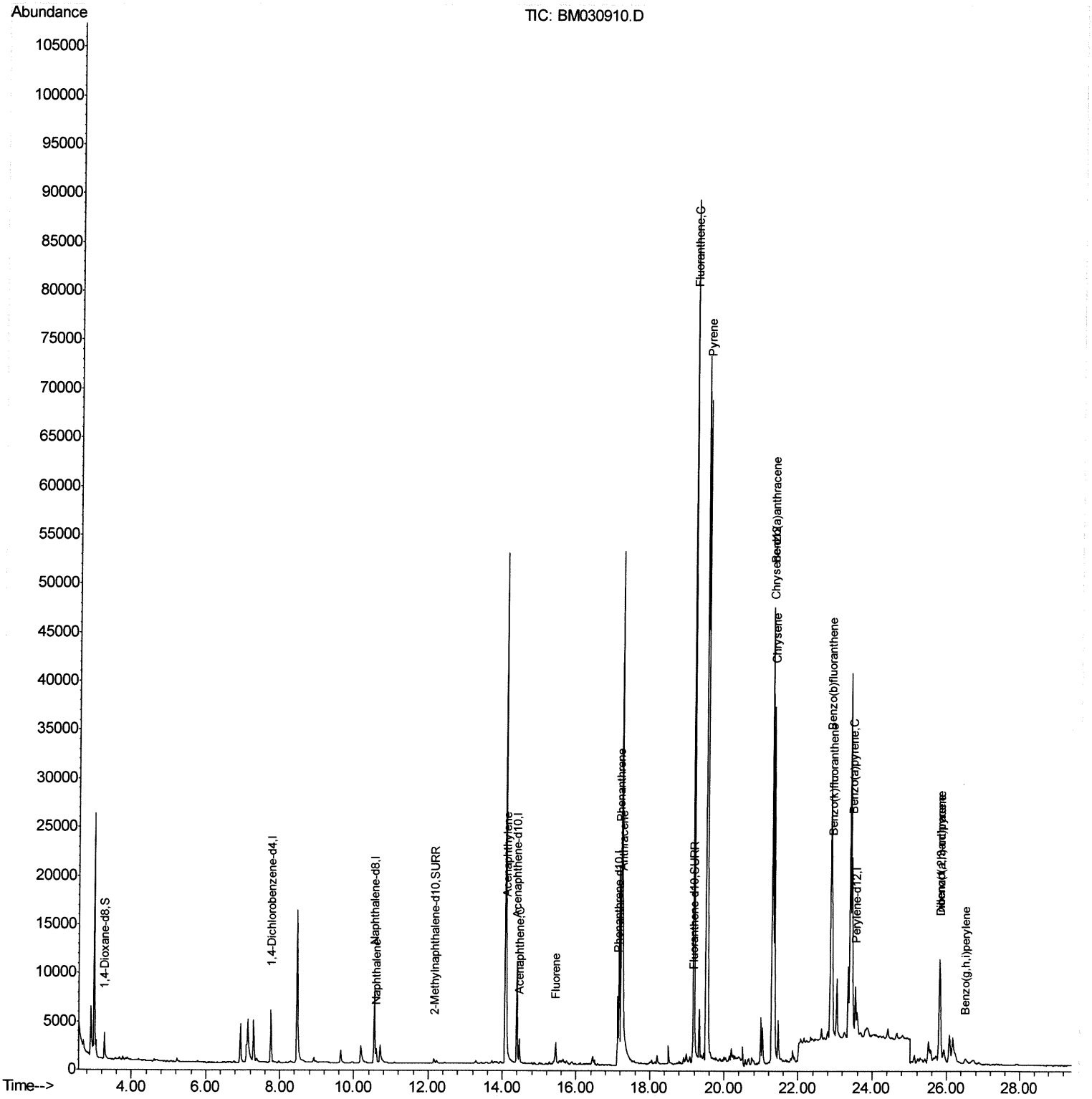
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030910.D
Acq On : 09 Jul 2021 07:13
Operator : CG/JU
Sample : M2877-03DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 09 08:47:14 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 :
BGDZ7DL

Manual Integrations APPROVED
mohammad
7/9/2021 3:02:38 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030910.D
Acq On : 09 Jul 2021 07:13
Operator : CG/JU
Sample : M2877-03DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 09 07:58:03 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 :
BGDZ7DL

Manual Integrations APPROVED
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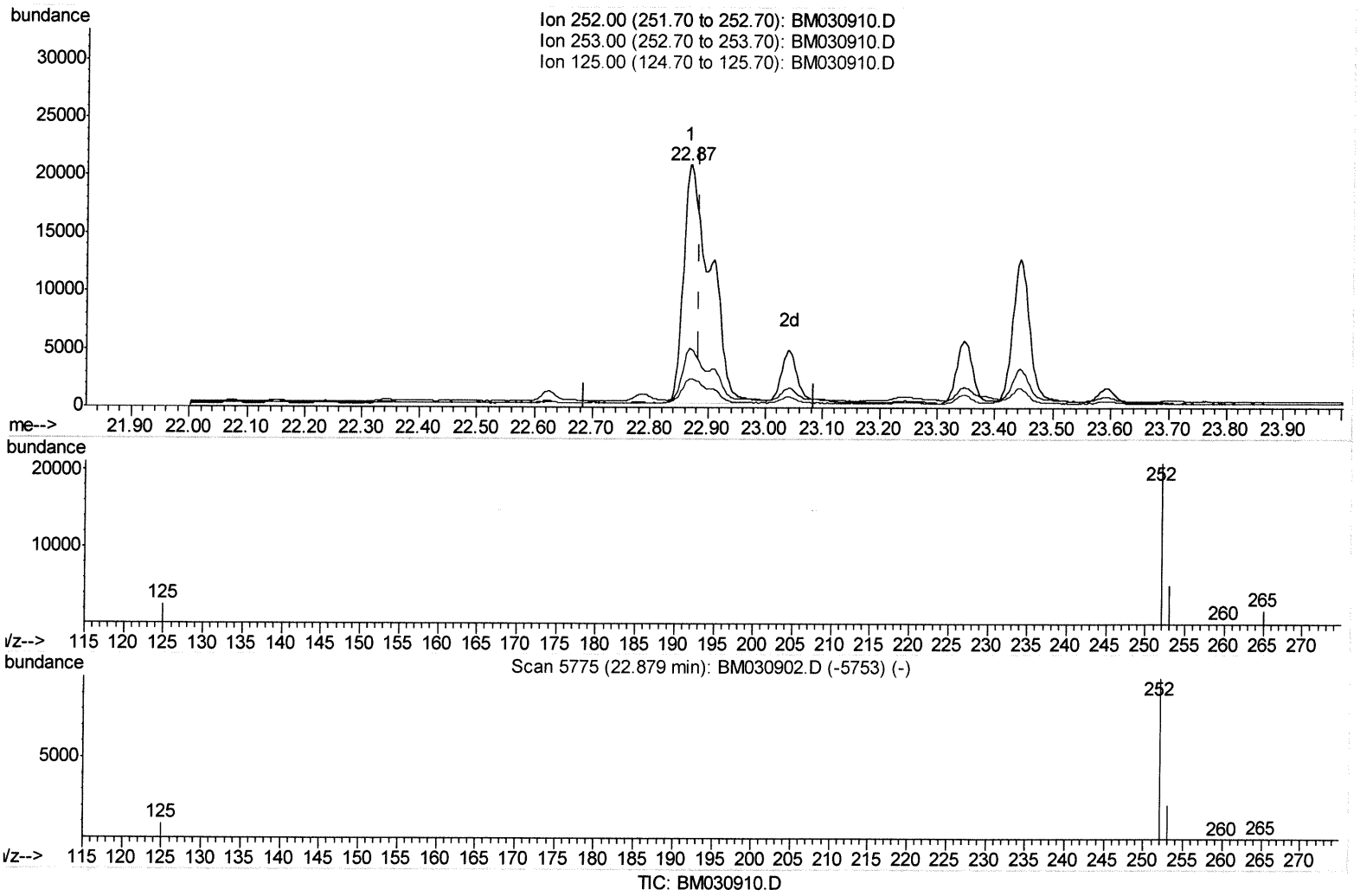


TIC: BM030910.D

(24) Benzo(b)fluoranthene

22.868min (-0.017) 2.12ng/ul

response 67147

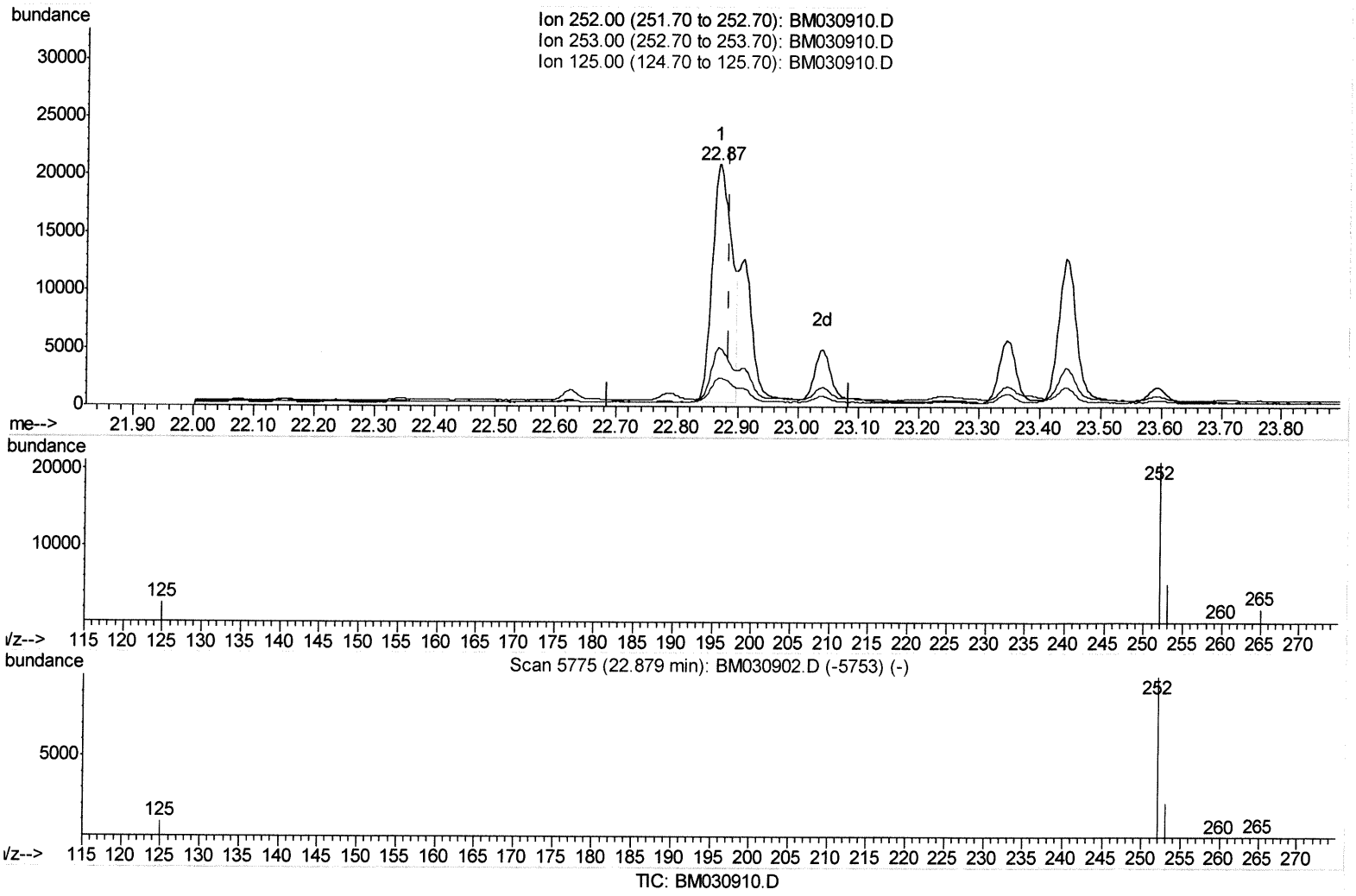
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.34
125.00	13.90	12.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030910.D
Acq On : 09 Jul 2021 07:13
Operator : CG/JU
Sample : M2877-03DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 09 07:58:03 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 :
BGDZ7DL

Manual Integrations APPROVED
mohammad
7/9/2021 3:02:38 PM



(24) Benzo(b)fluoranthene

22.868min (-0.017) 1.45ng/ul m 07/12/21 JU

response 46076

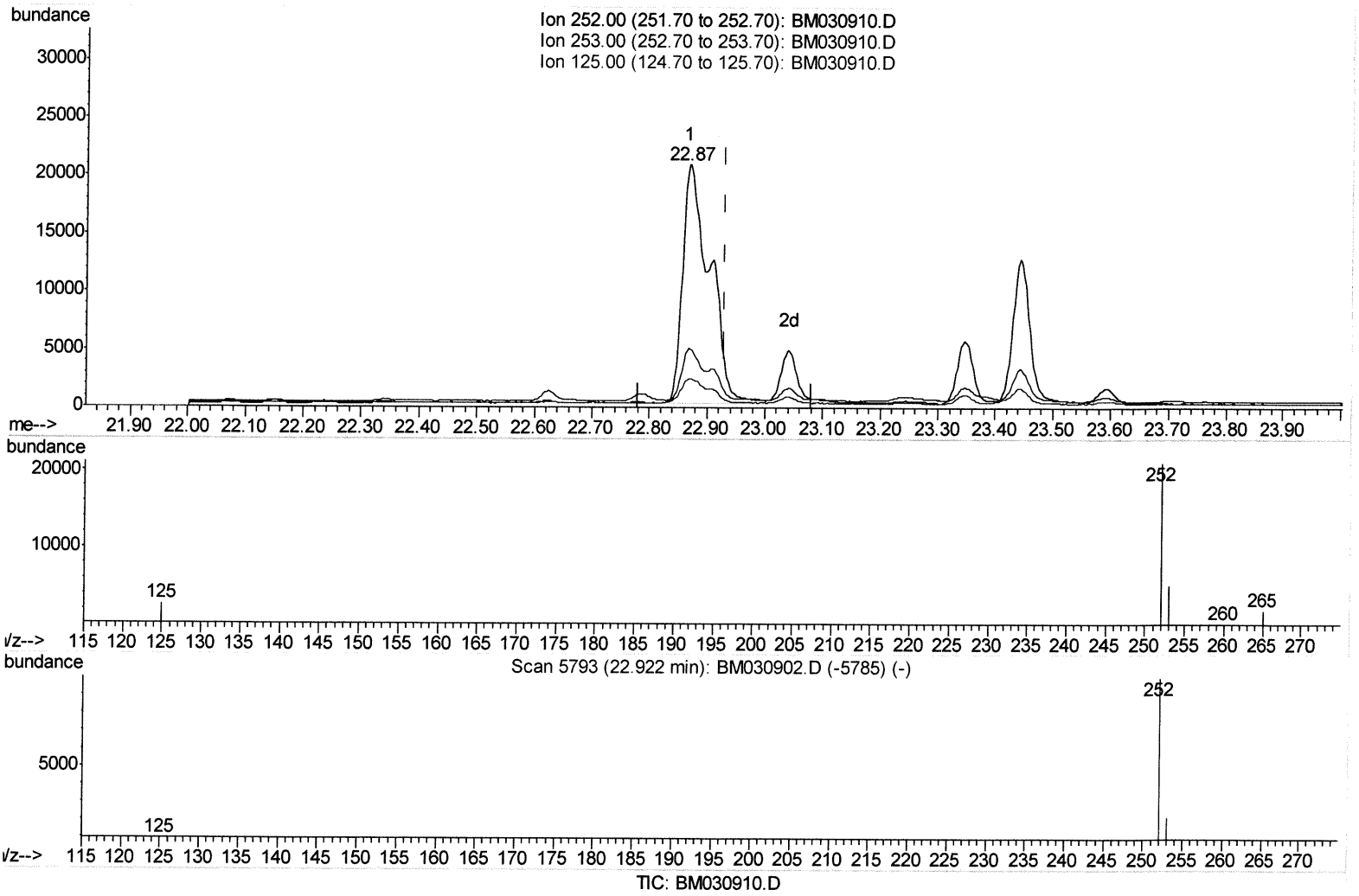
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	24.34
125.00	13.90	12.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030910.D
Acq On : 09 Jul 2021 07:13
Operator : CG/JU
Sample : M2877-03DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 09 08:06:52 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 :
BGDZ7DL

Manual Integrations APPROVED
mohammad
7/9/2021 3:02:38 PM



TIC: BM030910.D

(25) Benzo(k)fluoranthene

22.868min (-0.063) 2.05ng/ul

response 67147

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	24.34
125.00	13.70	12.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030910.D
Acq On : 09 Jul 2021 07:13
Operator : CG/JU
Sample : M2877-03DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 09 08:06:52 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 :
BGDZ7DL

Manual Integrations APPROVED
mohammad
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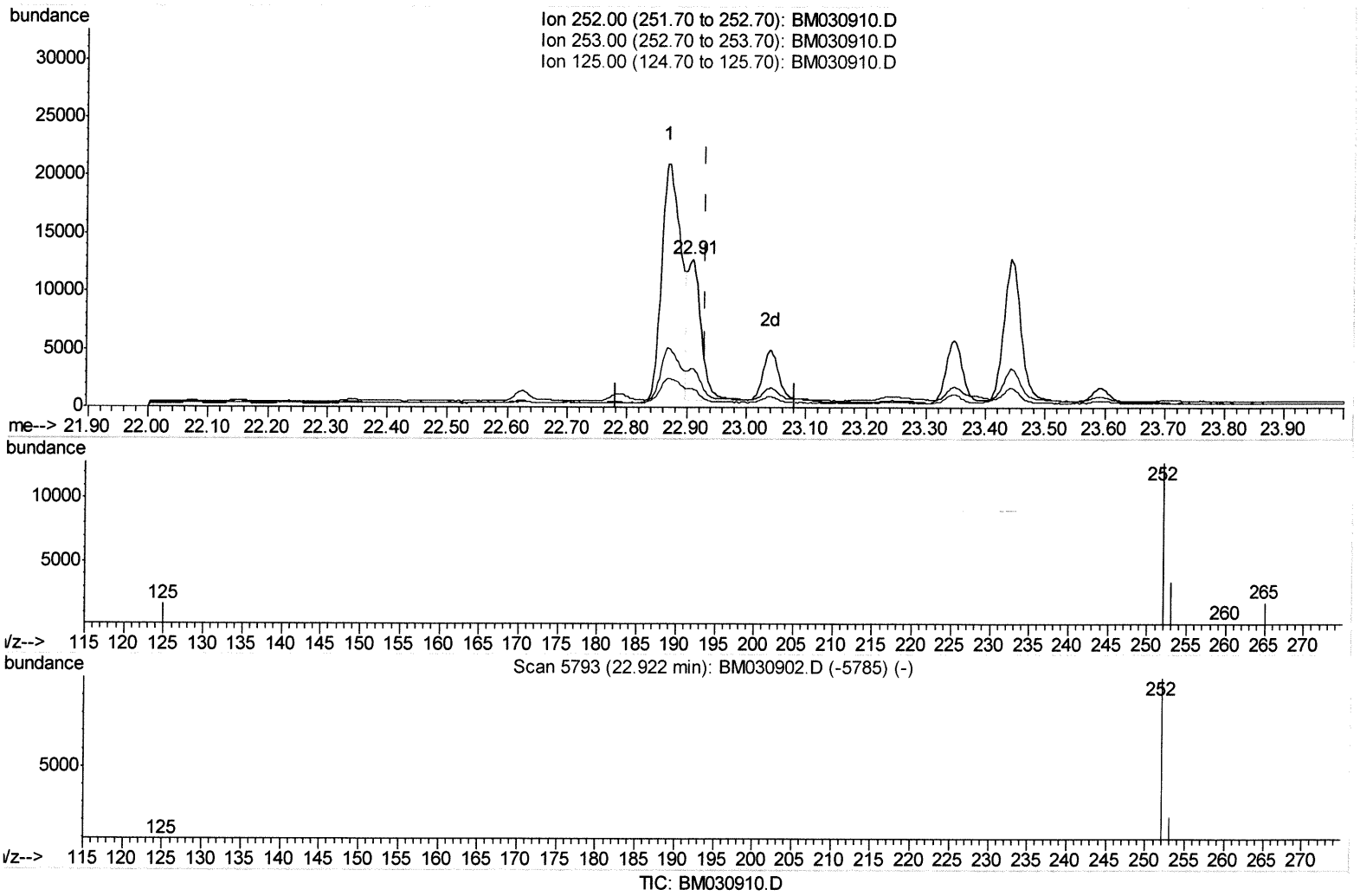

(25) Benzo(k)fluoranthene

22.909min (-0.022) 0.61ng/ul m 07/12/21 JU

response 19936

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.50
125.00	13.70	12.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030910.D
Acq On : 09 Jul 2021 07:13
Operator : CG/JU
Sample : M2877-03DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDZ7DL

Manual Integrations APPROVED
mohammad
7/9/2021 3:02:38 PM

Quant Time: Jul 09 08:47:14 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2905	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	11353	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.39	164	6029	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.13	188	9590	0.40	ng/ul	-0.02
17) Chrysene-d12	21.30	240	7102	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	7156	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	1927	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.16	152	929	0.05	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	1387	0.07	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.60	128	2096	0.065	ng/ul#	91
10) Acenaphthylene	14.11	152	3224	0.120	ng/ul	94
11) Acenaphthene	14.45	153	1567	0.072	ng/ul	98
12) Fluorene	15.44	166	1595	0.066	ng/ul#	98
15) Phenanthrene	17.17	178	24674	0.765	ng/ul	100
16) Anthracene	17.26	178	13029	0.461	ng/ul	99
19) Fluoranthene	19.18	202	82991	2.648	ng/ul	98
20) Pyrene	19.55	202	60377	1.915	ng/ul	99
21) Benzo(a)anthracene	21.28	228	43351	1.531	ng/ul	97
22) Chrysene	21.34	228	37304	1.176	ng/ul	98
24) Benzo(b)fluoranthene	22.87	252	46076m>	1.454	ng/ul>	07/12/21 JU
25) Benzo(k)fluoranthene	22.91	252	19936m>	0.610	ng/ul>	
26) Benzo(a)pyrene	23.44	252	25257	0.937	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.81	276	18653	0.531	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.81	278	5394	0.191	ng/ul#	83
29) Benzo(g,h,i)perylene	26.51	276	1290	0.042	ng/ul#	62

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