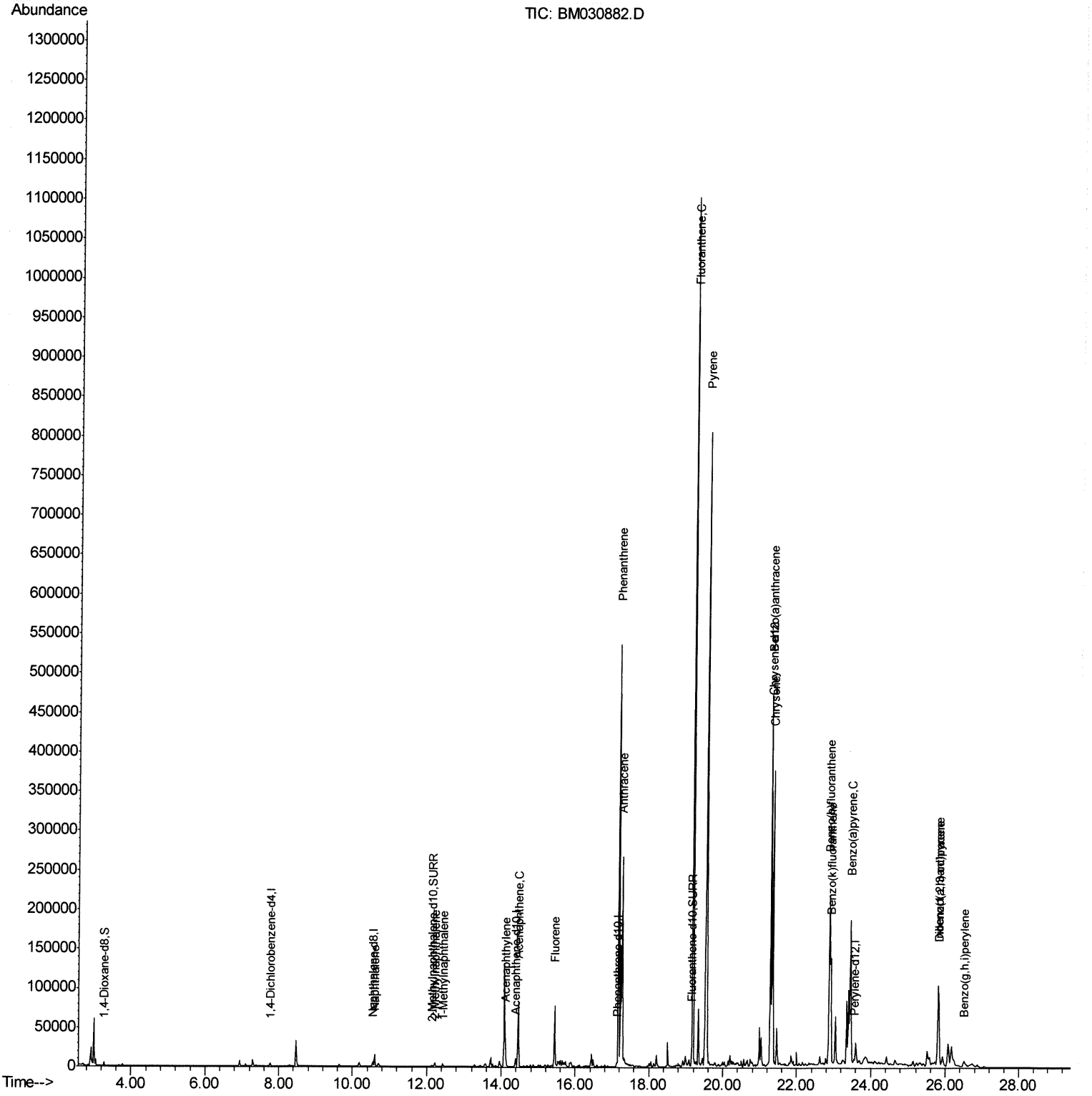
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030882.D
Acq On : 08 Jul 2021 13:26
Operator : CG/JU
Sample : M2825-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 13:58:29 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 :
BGDR0

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:41 PM

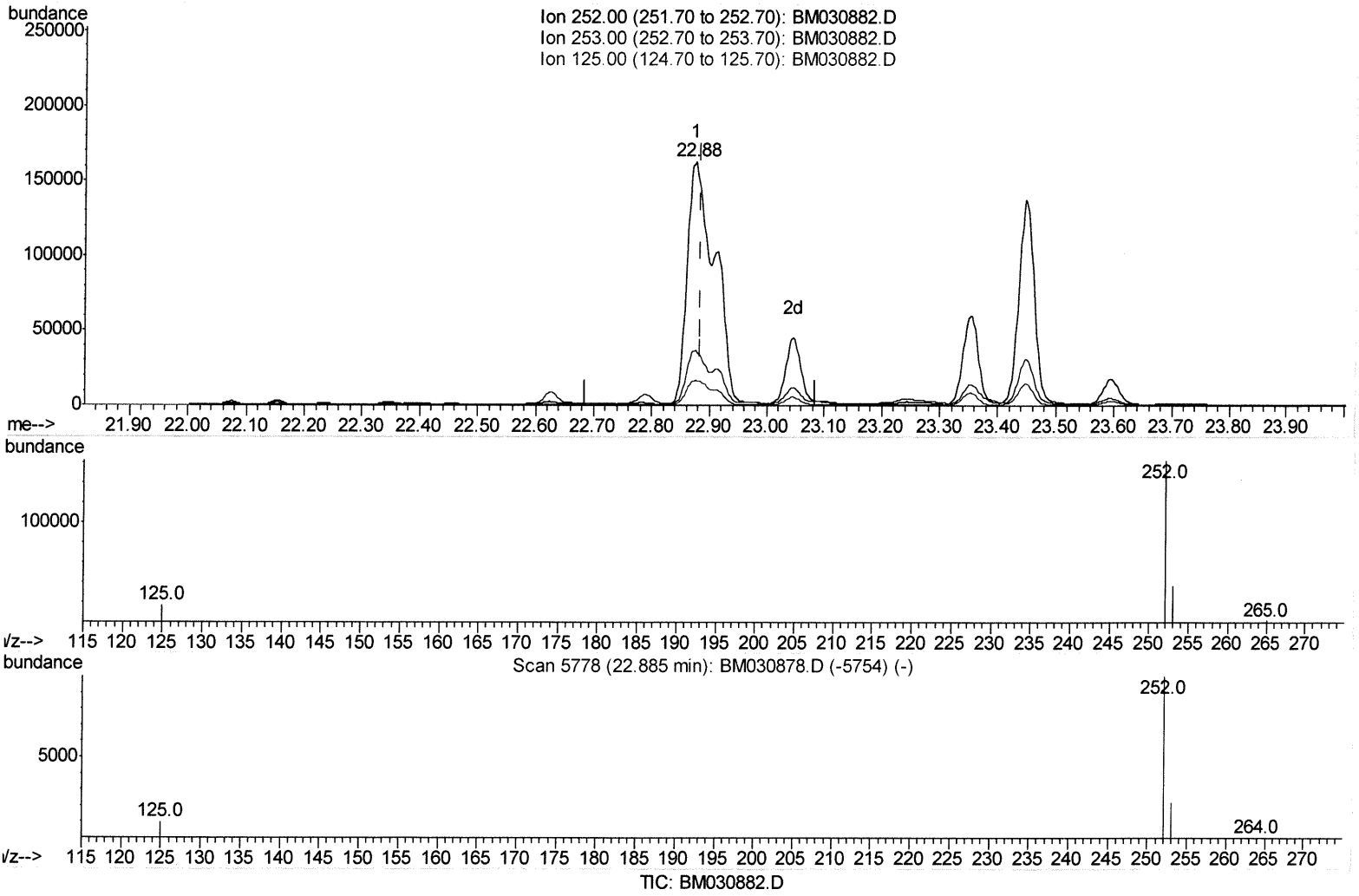


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030882.D
Acq On : 08 Jul 2021 13:26
Operator : CG/JU
Sample : M2825-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 13:56:51 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 :
BGDR0

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:41 PM



(24) Benzo(b)fluoranthene

22.876min (-0.010) 19.23ng/ul

response 535532

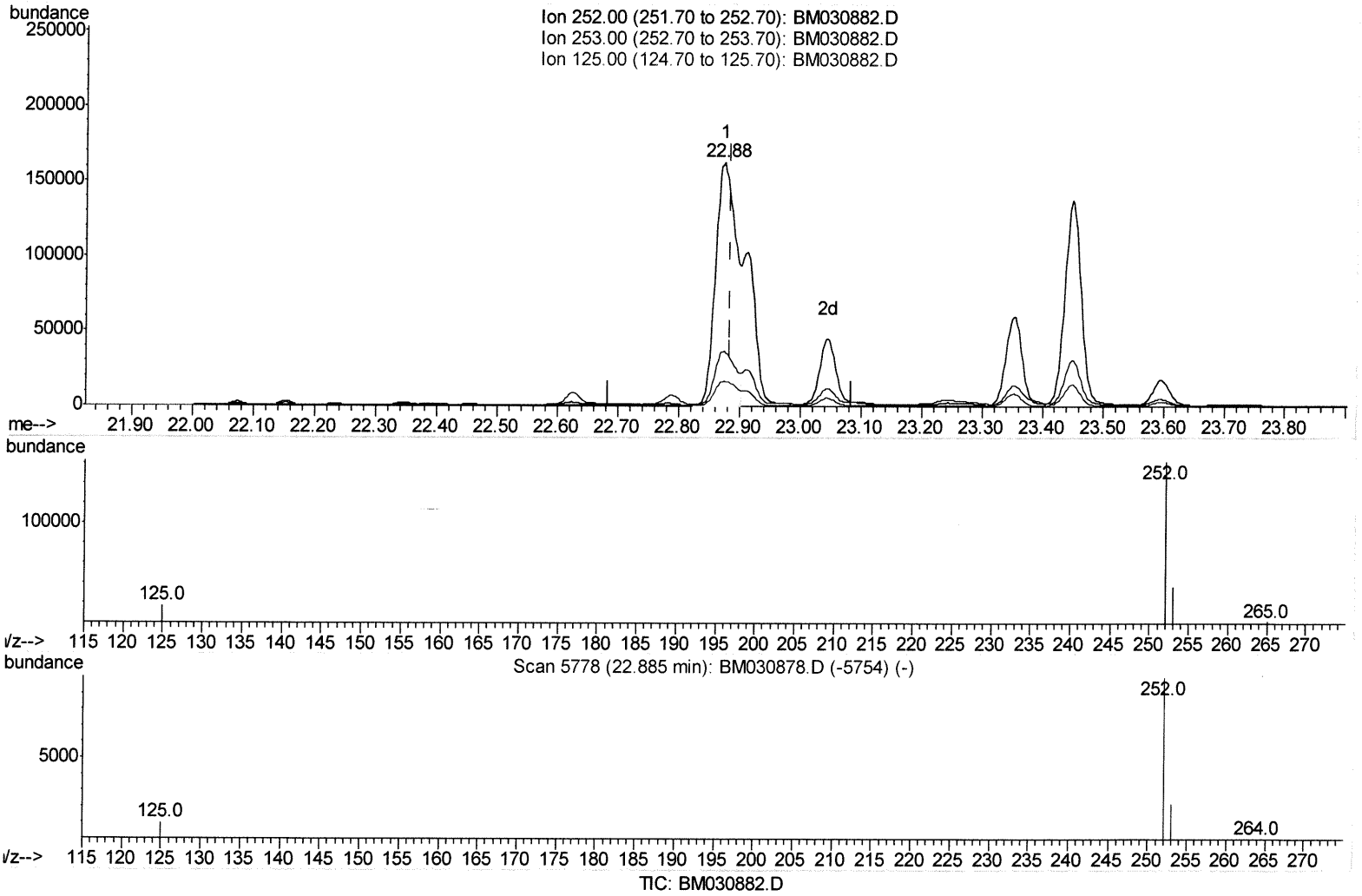
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.61
125.00	13.90	10.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030882.D
Acq On : 08 Jul 2021 13:26
Operator : CG/JU
Sample : M2825-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 13:56:51 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 :
BGDR0

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:41 PM



(24) Benzo(b)fluoranthene

22.876min (-0.010) 13.73ng/ul m 07/12/21 JU

response 382393

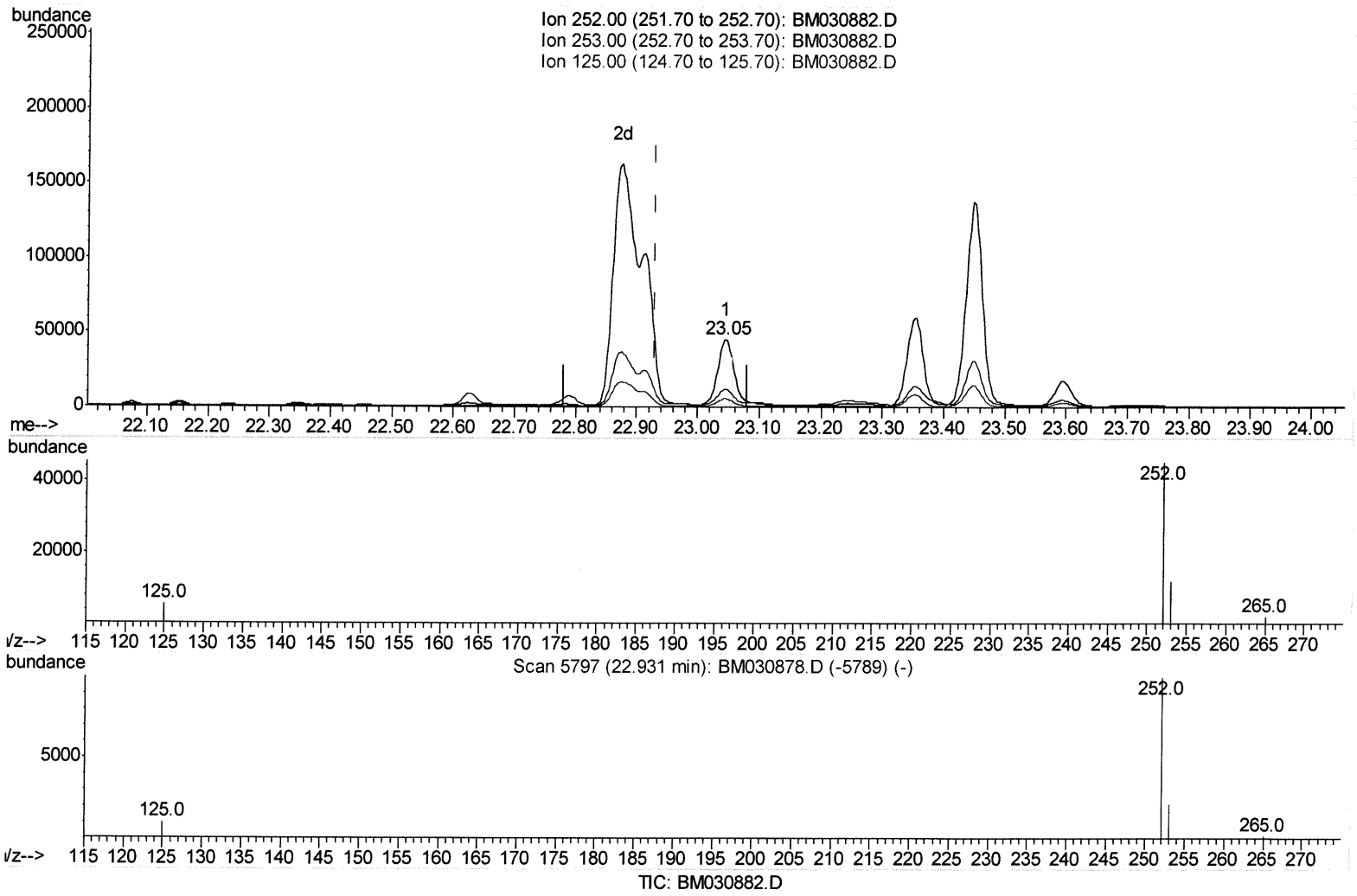
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.61
125.00	13.90	10.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030882.D
Acq On : 08 Jul 2021 13:26
Operator : CG/JU
Sample : M2825-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 13:56:51 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 :
BGDR0

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:41 PM



(25) Benzo(k)fluoranthene

23.045min (+0.114) 2.16ng/ul

response 62073

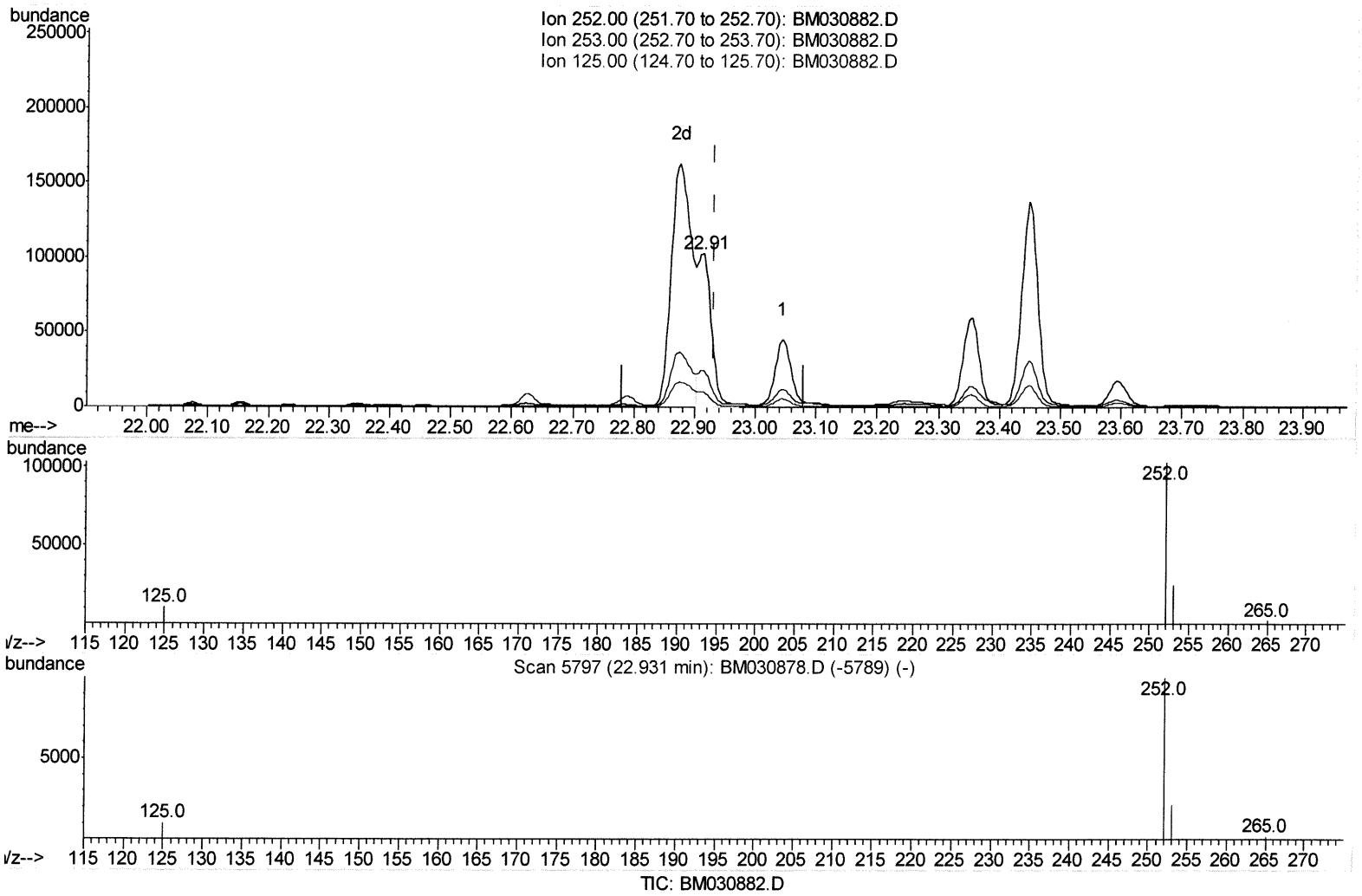
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.34
125.00	13.70	12.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030882.D
Acq On : 08 Jul 2021 13:26
Operator : CG/JU
Sample : M2825-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 13:56:51 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 :
BGDR0

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:41 PM



(25) Benzo(k)fluoranthene

22.914min (-0.017) 5.52ng/ul m 07/12/21 JU

response 158420

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.89
125.00	13.70	10.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030882.D
Acq On : 08 Jul 2021 13:26
Operator : CG/JU
Sample : M2825-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 13:58:29 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 : BGDR0

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2365	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	9481	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	5502	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.13	188	9936	0.40	ng/ul	-0.02
17) Chrysene-d12	21.30	240	7111	0.40	ng/ul	-0.01
23) Perylene-d12	23.55	264	6289	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	2970	1.15	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.15	152	2662	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	4869	0.24	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.59	128	22330	0.827	ng/ul	99
7) 2-Methylnaphthalene	12.22	142	4071	0.224	ng/ul	100
8) 1-Methylnaphthalene	12.43	142	2684	0.152	ng/ul	99
10) Acenaphthylene	14.11	152	21685	0.883	ng/ul	98
11) Acenaphthene	14.45	153	48278	2.426	ng/ul	98
12) Fluorene	15.44	166	48794	2.223	ng/ul	99
15) Phenanthrene	17.17	178	576992	17.274	ng/ul	99
16) Anthracene	17.26	178	293088	10.019	ng/ul	99
19) Fluoranthene	19.19	202	937952	29.884	ng/ul	97
20) Pyrene	19.55	202	692628	21.946	ng/ul	99
21) Benzo(a)anthracene	21.29	228	402354	14.194	ng/ul	97
22) Chrysene	21.34	228	344632	10.853	ng/ul	98
24) Benzo(b)fluoranthene	22.88	252	382393m	13.728	ng/ul	07/12/21 JU
25) Benzo(k)fluoranthene	22.91	252	158420m	5.516	ng/ul	
26) Benzo(a)pyrene	23.45	252	253056	10.681	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.81	276	158835	5.146	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.81	278	44953	1.815	ng/ul	96
29) Benzo(g,h,i)perylene	26.50	276	16754	0.625	ng/ul	95

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