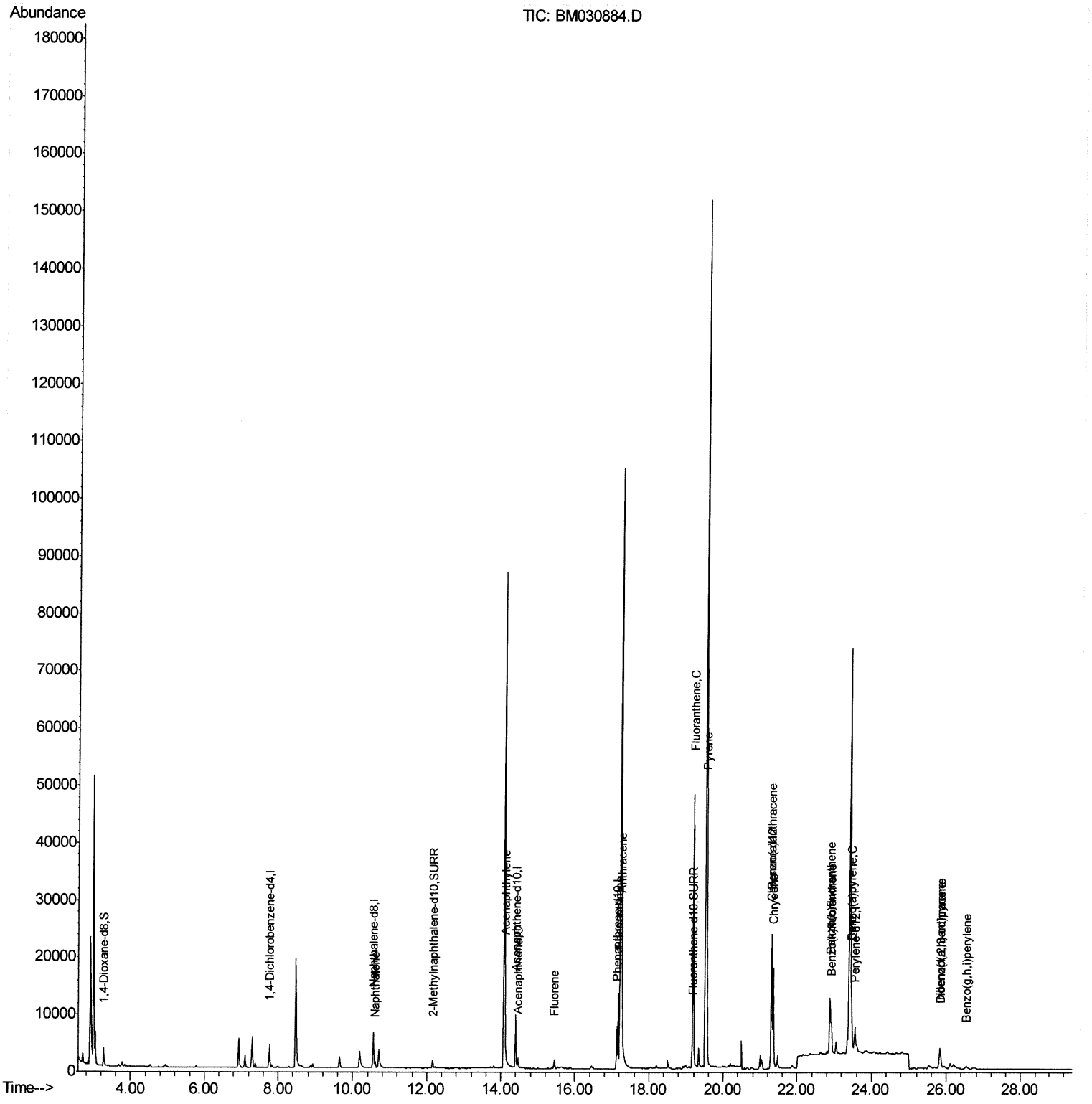
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030884.D
Acq On : 08 Jul 2021 14:40
Operator : CG/JU
Sample : M2825-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 15:13:07 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 :
BGDR6

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:57 PM

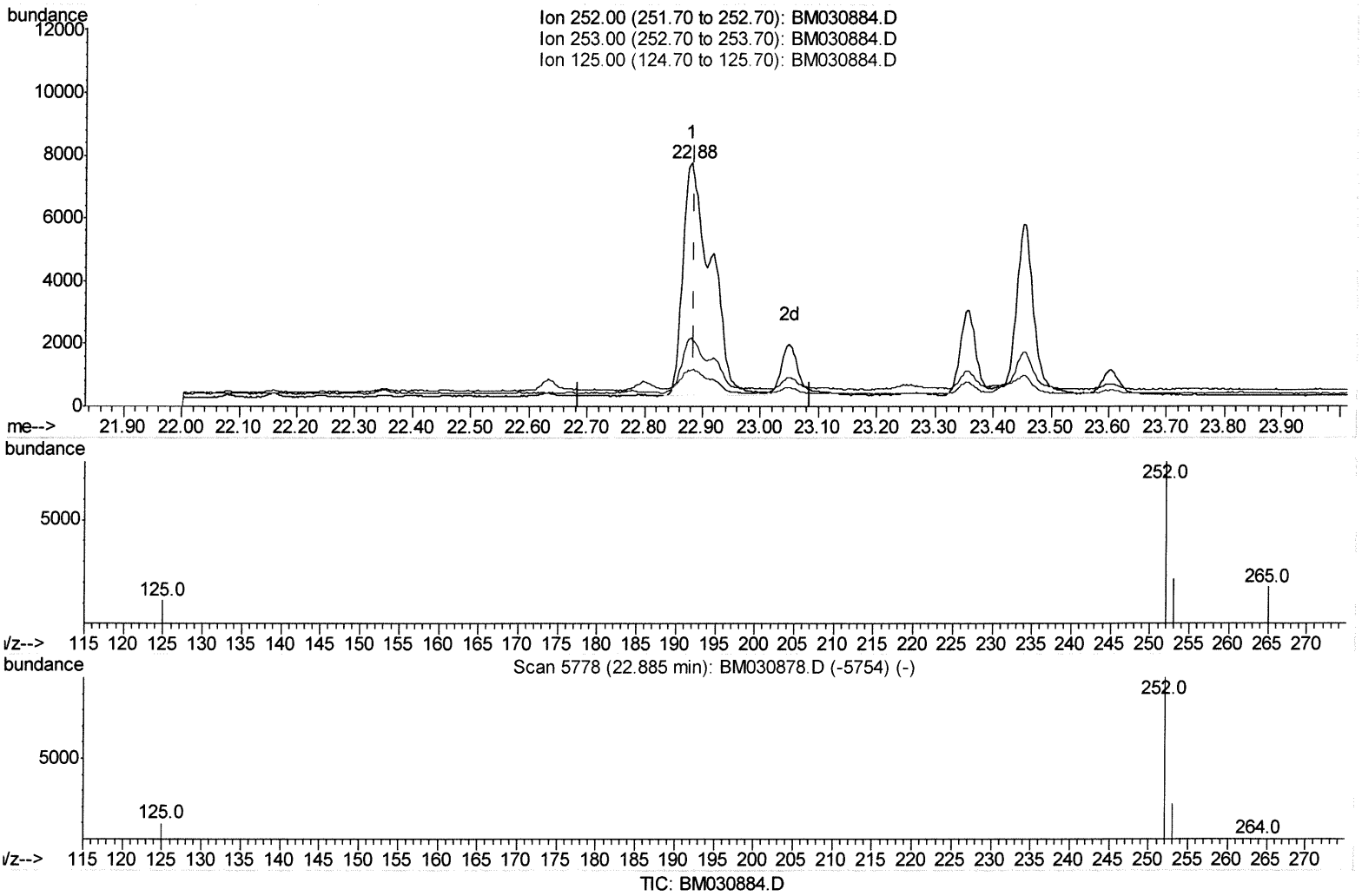


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030884.D
Acq On : 08 Jul 2021 14:40
Operator : CG/JU
Sample : M2825-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 15:11:33 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 :
BNA_M
ClientSampleId :
BGDR6

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:57 PM



(24) Benzo(b)fluoranthene

22.880min (-0.005) 0.86ng/ul

response 25236

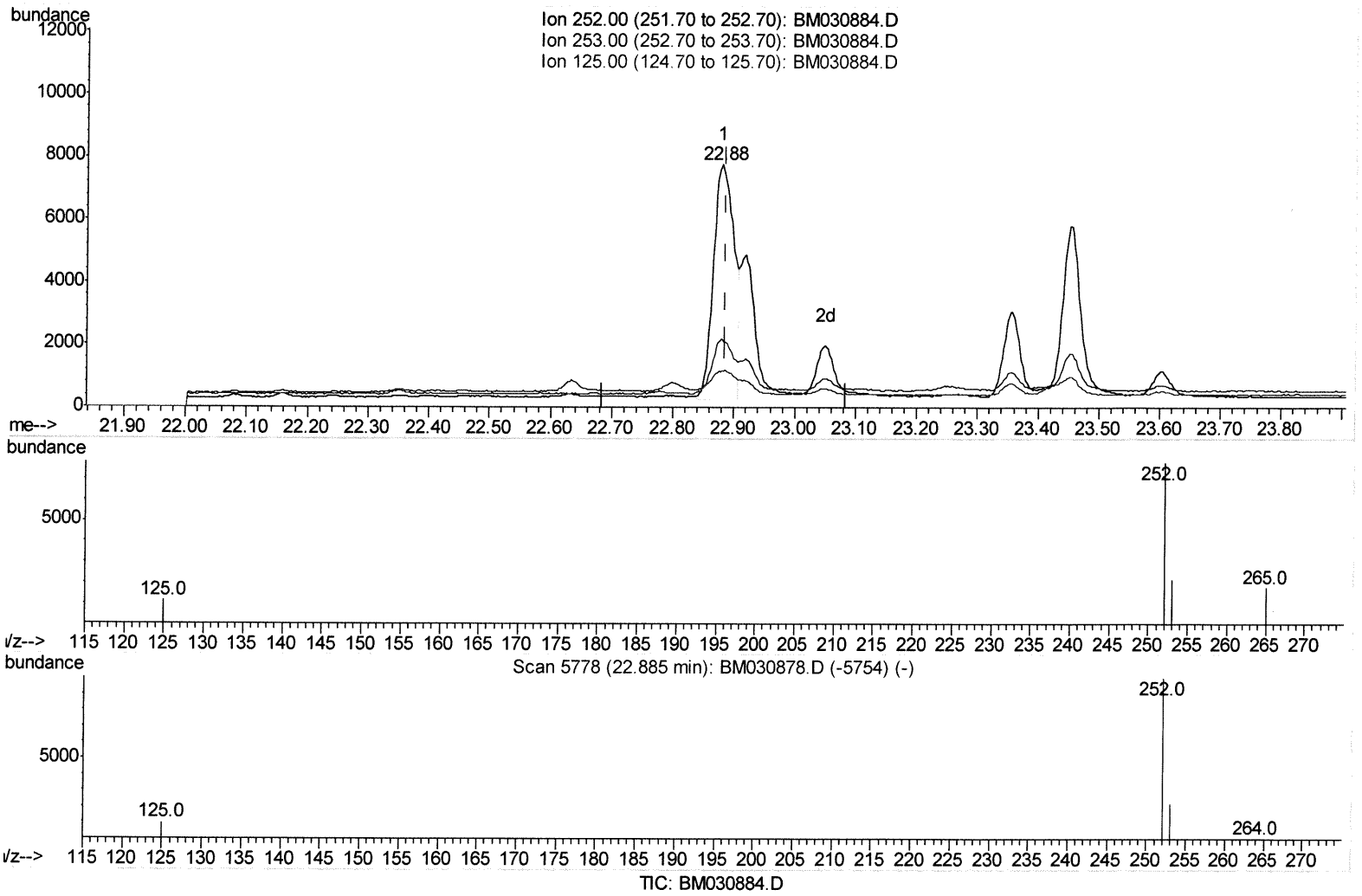
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.33
125.00	13.90	15.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030884.D
Acq On : 08 Jul 2021 14:40
Operator : CG/JU
Sample : M2825-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 15:11:33 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 :
BNA_M
ClientSampleId :
BGDR6

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:57 PM



(24) Benzo(b)fluoranthene

22.880min (-0.005) 0.60ng/ul m 07/12/21 JU

response 17650

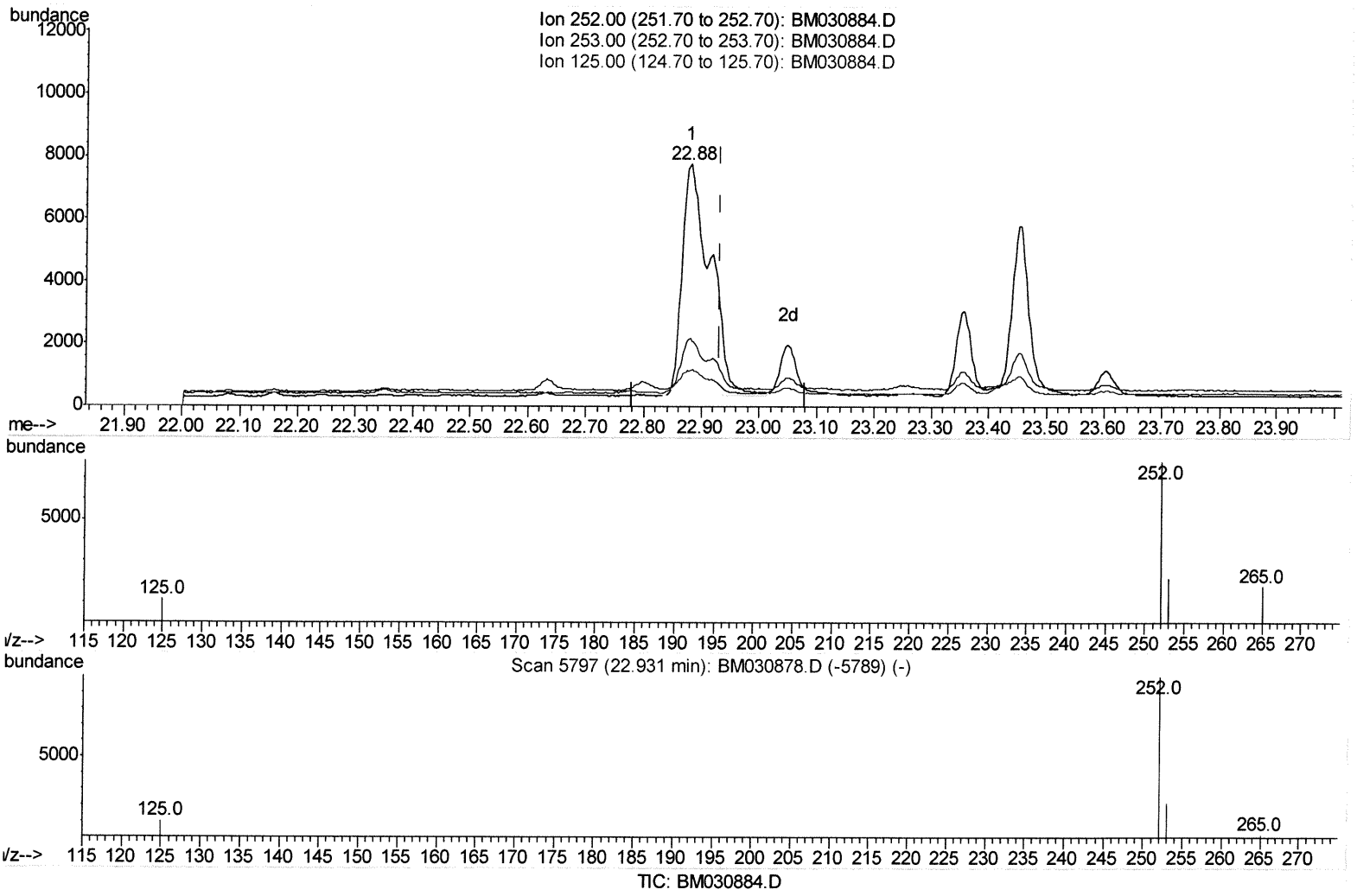
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.33
125.00	13.90	15.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030884.D
Acq On : 08 Jul 2021 14:40
Operator : CG/JU
Sample : M2825-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 15:11:33 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 :
BNA_M
ClientSampleId :
BGDR6

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:57 PM



TIC: BM030884.D

(25) Benzo(k)fluoranthene

22.880min (-0.051) 0.84ng/ul

response 25236

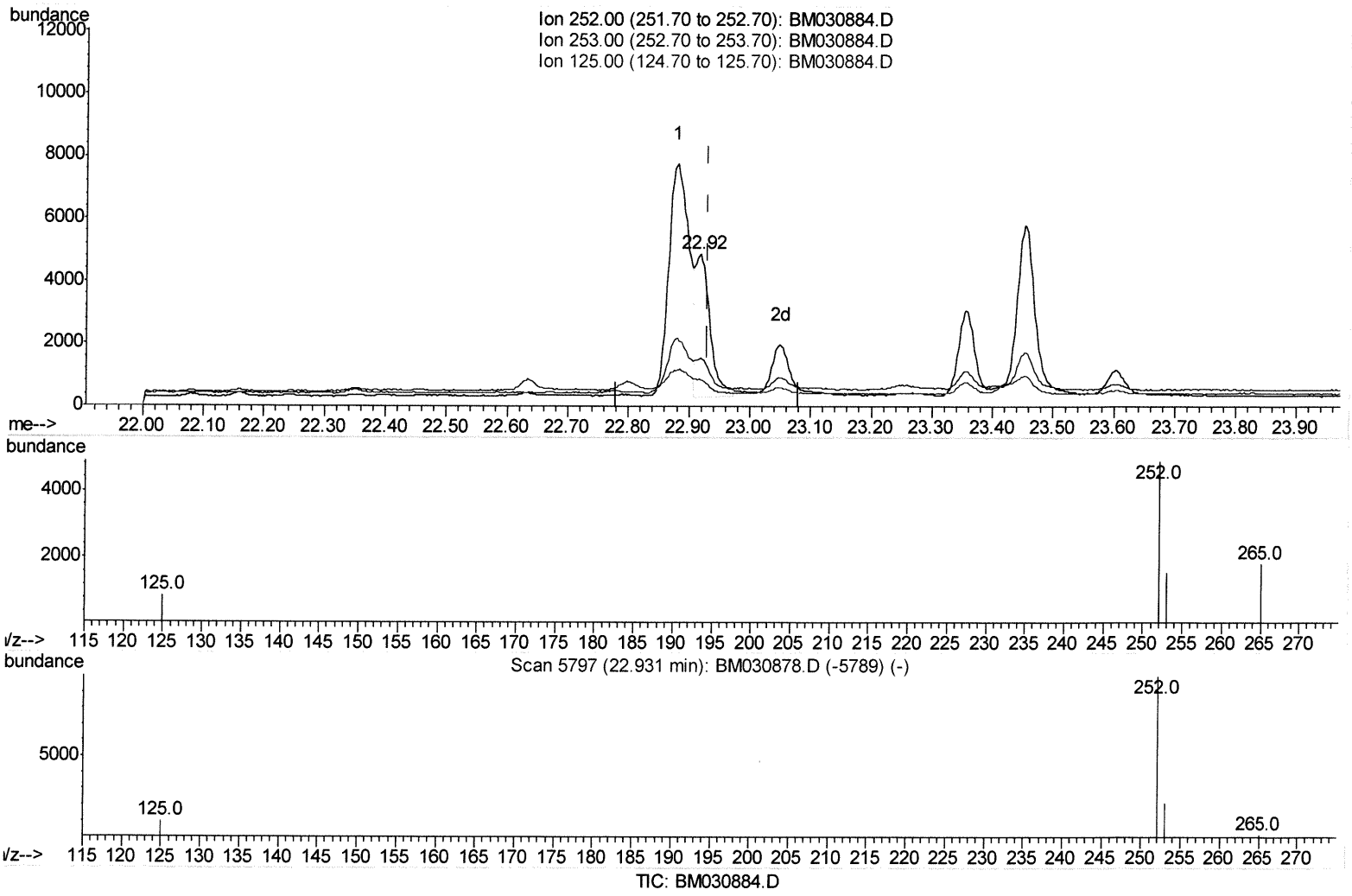
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.33
125.00	13.70	15.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030884.D
Acq On : 08 Jul 2021 14:40
Operator : CG/JU
Sample : M2825-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 15:11:33 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 :
BNA_M
ClientSampleId :
BGDR6

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:57 PM



TIC: BM030884.D

(25) Benzo(k)fluoranthene

22.919min (-0.012) 0.26ng/ul m 07/12/21 JU

response 7753

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	31.85#
125.00	13.70	17.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030884.D
Acq On : 08 Jul 2021 14:40
Operator : CG/JU
Sample : M2825-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 15:13:07 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 : BGDR6

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2166	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	8965	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	5284	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.13	188	9925	0.40	ng/ul	-0.02
17) Chrysene-d12	21.31	240	7410	0.40	ng/ul	0.00
23) Perylene-d12	23.55	264	6595	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	2362	1.00	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.16	152	2287	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	4608	0.22	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.60	128	1512	0.059	ng/ul#	88
10) Acenaphthylene	14.11	152	1364	0.058	ng/ul#	86
11) Acenaphthene	14.46	153	1029	0.054	ng/ul	96
12) Fluorene	15.44	166	1161	0.055	ng/ul#	97
15) Phenanthrene	17.18	178	15741	0.472	ng/ul	99
16) Anthracene	17.27	178	16895	0.578	ng/ul	99
19) Fluoranthene	19.19	202	45311	1.385	ng/ul	98
20) Pyrene	19.55	202	36398	1.107	ng/ul	99
21) Benzo(a)anthracene	21.29	228	20339	0.689	ng/ul	96
22) Chrysene	21.34	228	17702	0.535	ng/ul	97
24) Benzo(b)fluoranthene	22.88	252	17650m	0.604	ng/ul	07/12/21 JU
25) Benzo(k)fluoranthene	22.92	252	7753m	0.257	ng/ul	
26) Benzo(a)pyrene	23.45	252	11112	0.447	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.83	276	6599	0.204	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.83	278	1859	0.072	ng/ul#	55
29) Benzo(g,h,i)perylene	26.53	276	996	0.035	ng/ul#	57

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