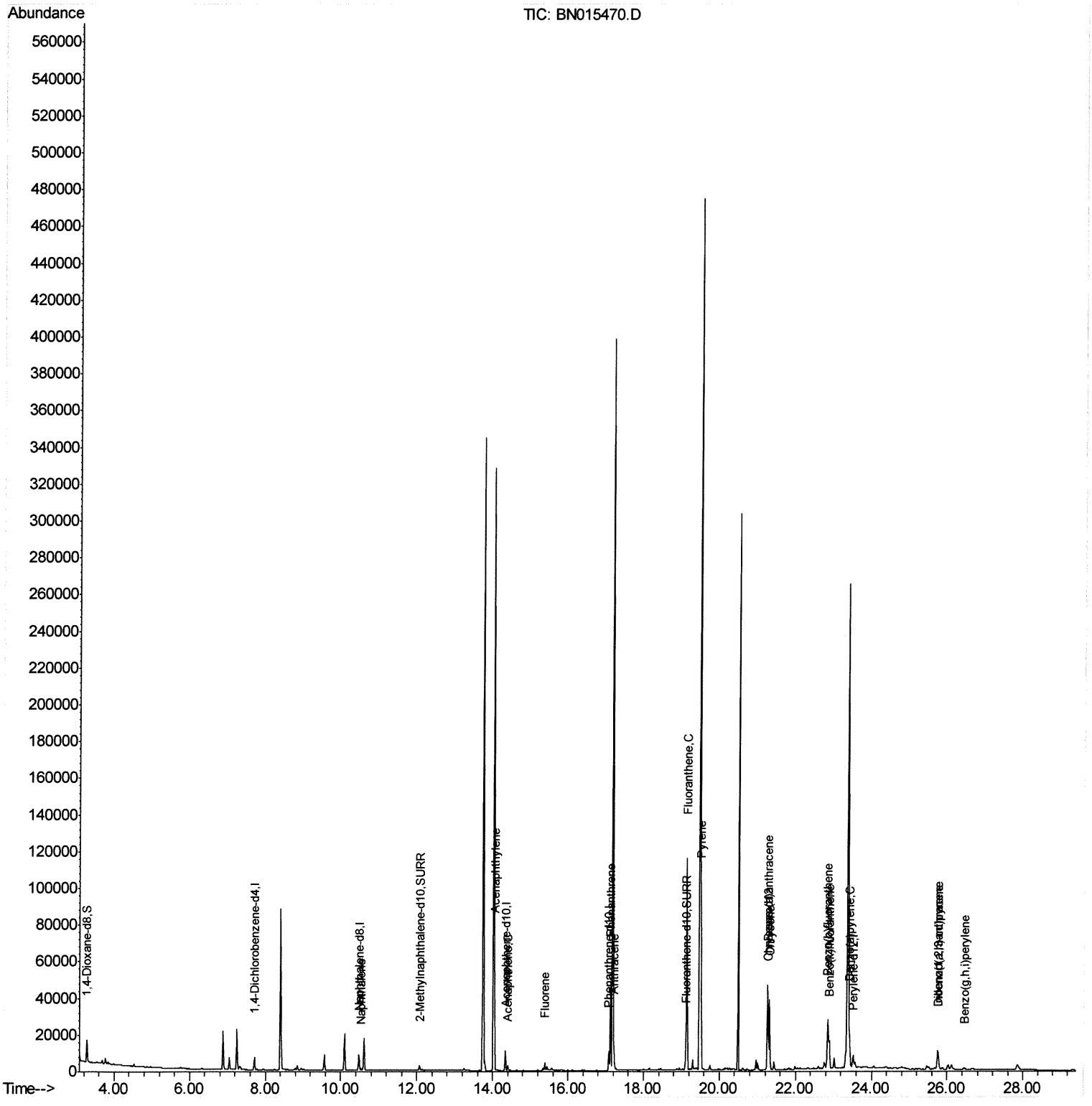
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015470.D
Acq On : 10 Jul 2021 06:15
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 10 06:48:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP8

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:55 AM

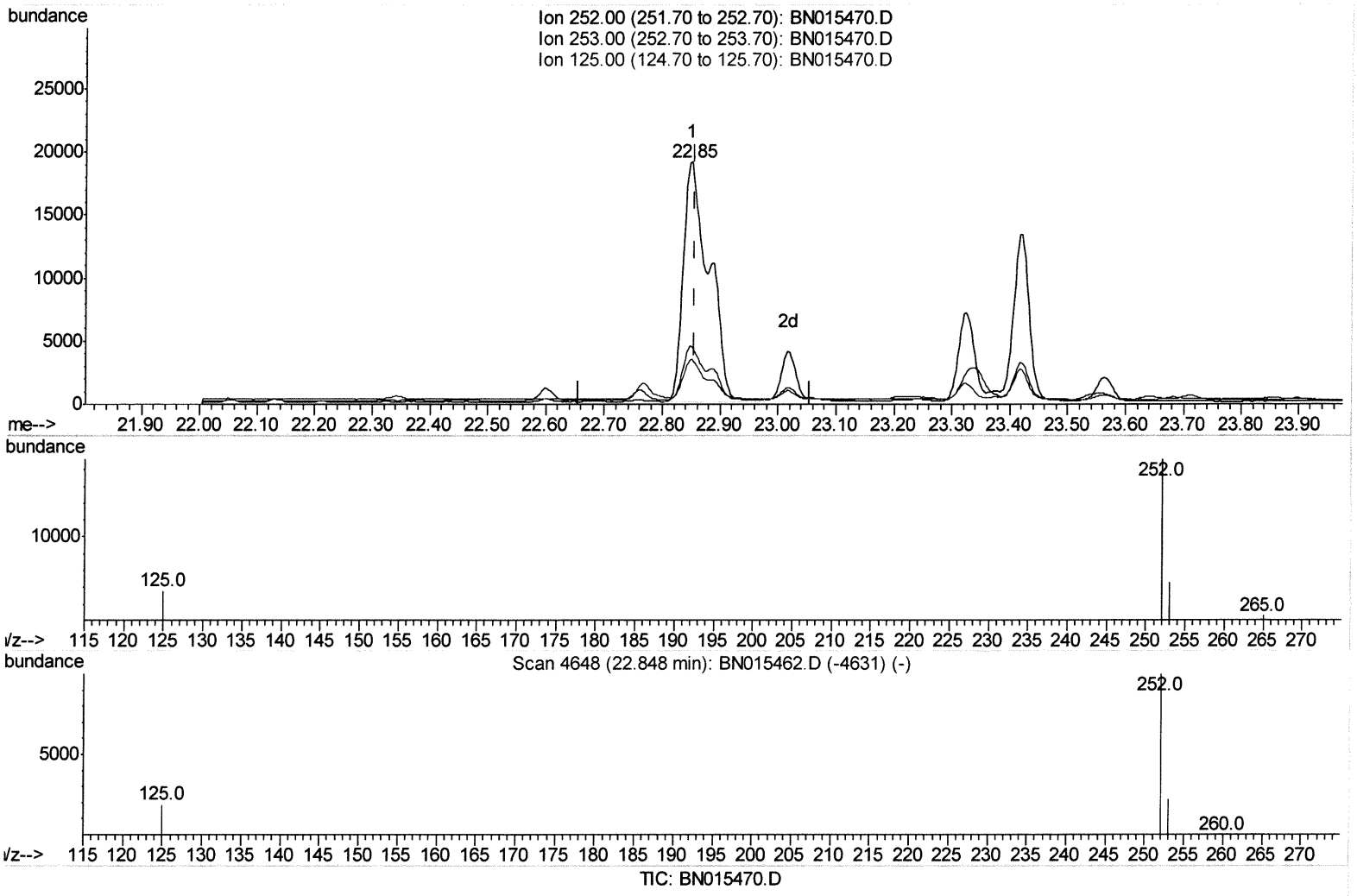


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015470.D
Acq On : 10 Jul 2021 06:15
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 10 06:45:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP8

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:55 AM



TIC: BN015470.D

(24) Benzo(b)fluoranthene

22.851min (-0.005) 1.39ng/ul

response 58817

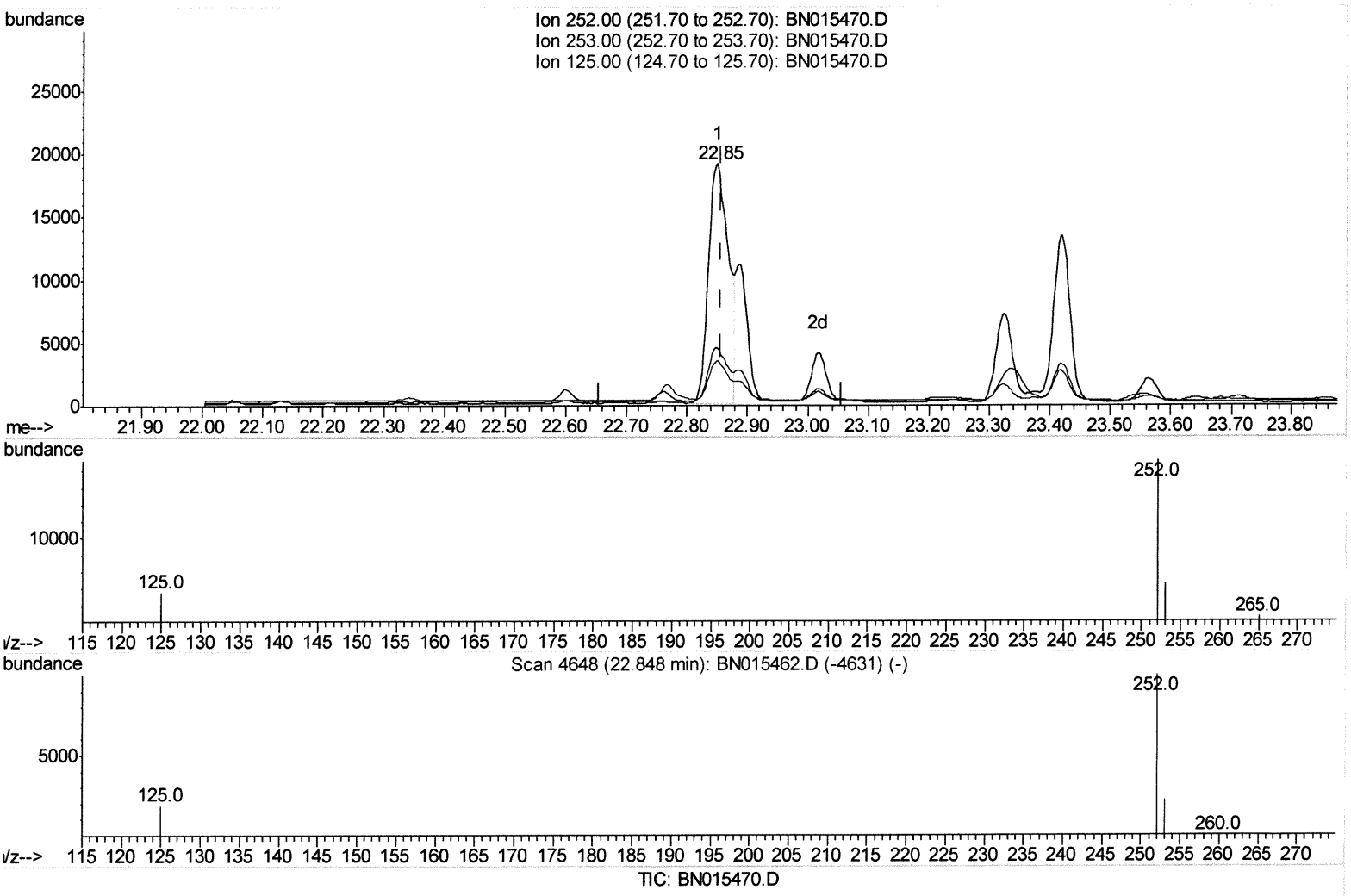
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.68
125.00	14.20	18.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015470.D
Acq On : 10 Jul 2021 06:15
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 10 06:45:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP8

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:55 AM



TIC: BN015470.D

(24) Benzo(b)fluoranthene

22.851min (-0.005) 1.02ng/ul m JU 7/14/21

response 42932

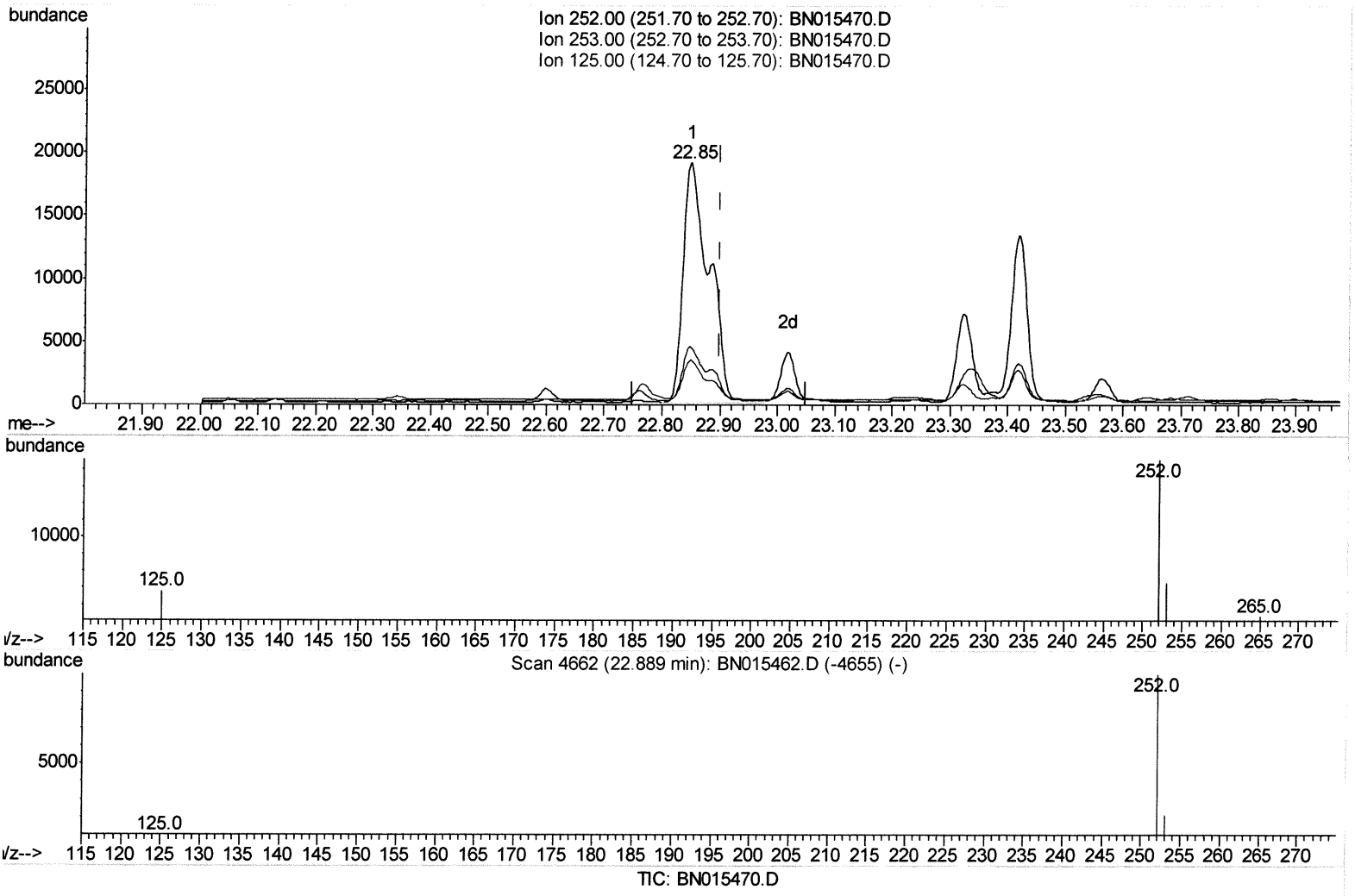
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.68
125.00	14.20	18.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015470.D
Acq On : 10 Jul 2021 06:15
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 10 06:47:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP8

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:55 AM



TIC: BN015470.D

(25) Benzo(k)fluoranthene

22.851min (-0.049) 1.23ng/ul

response 58821

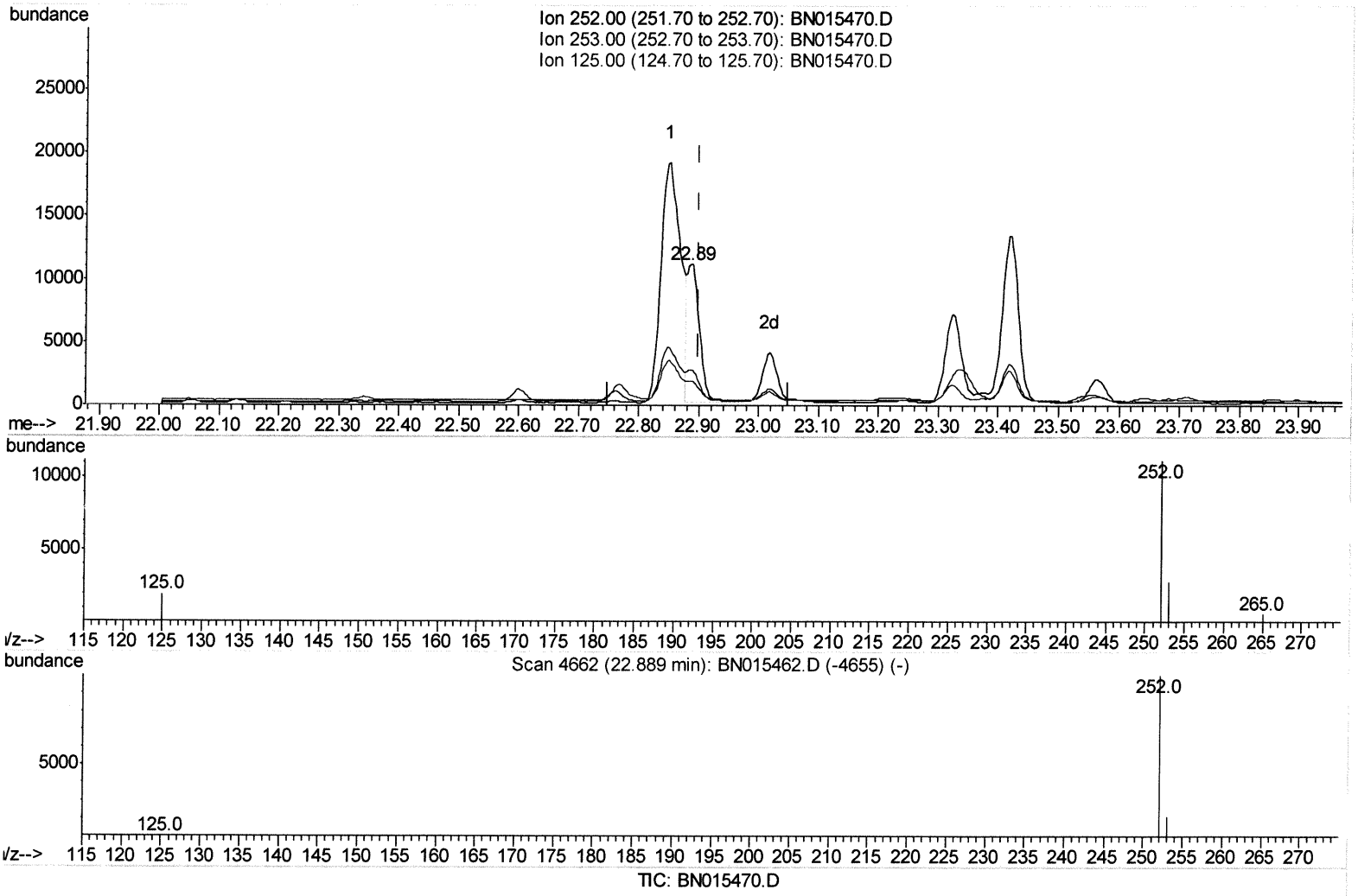
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.68
125.00	14.40	18.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015470.D
Acq On : 10 Jul 2021 06:15
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 10 06:47:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP8

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:55 AM



(25) Benzo(k)fluoranthene

22.886min (-0.014) 0.32ng/ul m JU 7/16/21

response 15462

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.12
125.00	14.40	17.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015470.D
Acq On : 10 Jul 2021 06:15
Operator : CG/JU
Sample : M2808-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDP8

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:55 AM

Quant Time: Jul 10 06:48:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3141	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	11075	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.33	164	5814	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	11731	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	9665	0.40	ng/ul	0.00
23) Perylene-d12	23.51	264	9037	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	8433	2.38	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	3611	0.21	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	7883	0.25	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	1336	0.038	ng/ul#	87
10) Acenaphthylene	14.05	152	2188	0.073	ng/ul#	93
11) Acenaphthene	14.40	153	1688	0.073	ng/ul	97
12) Fluorene	15.39	166	2826	0.111	ng/ul	97
15) Phenanthrene	17.12	178	49802	1.170	ng/ul	100
16) Anthracene	17.22	178	11808	0.315	ng/ul	100
19) Fluoranthene	19.15	202	97034	2.173	ng/ul	98
20) Pyrene	19.51	202	73776	1.647	ng/ul	100
21) Benzo(a)anthracene	21.26	228	39469	1.102	ng/ul	96
22) Chrysene	21.32	228	35961	0.839	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	42932m	1.017	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	15462m	0.324	ng/ul	
26) Benzo(a)pyrene	23.42	252	25025	0.706	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.76	276	15986	0.373	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.76	278	4550	0.136	ng/ul#	83
29) Benzo(g,h,i)perylene	26.45	276	2126	0.054	ng/ul#	75

JU 7/14/21

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