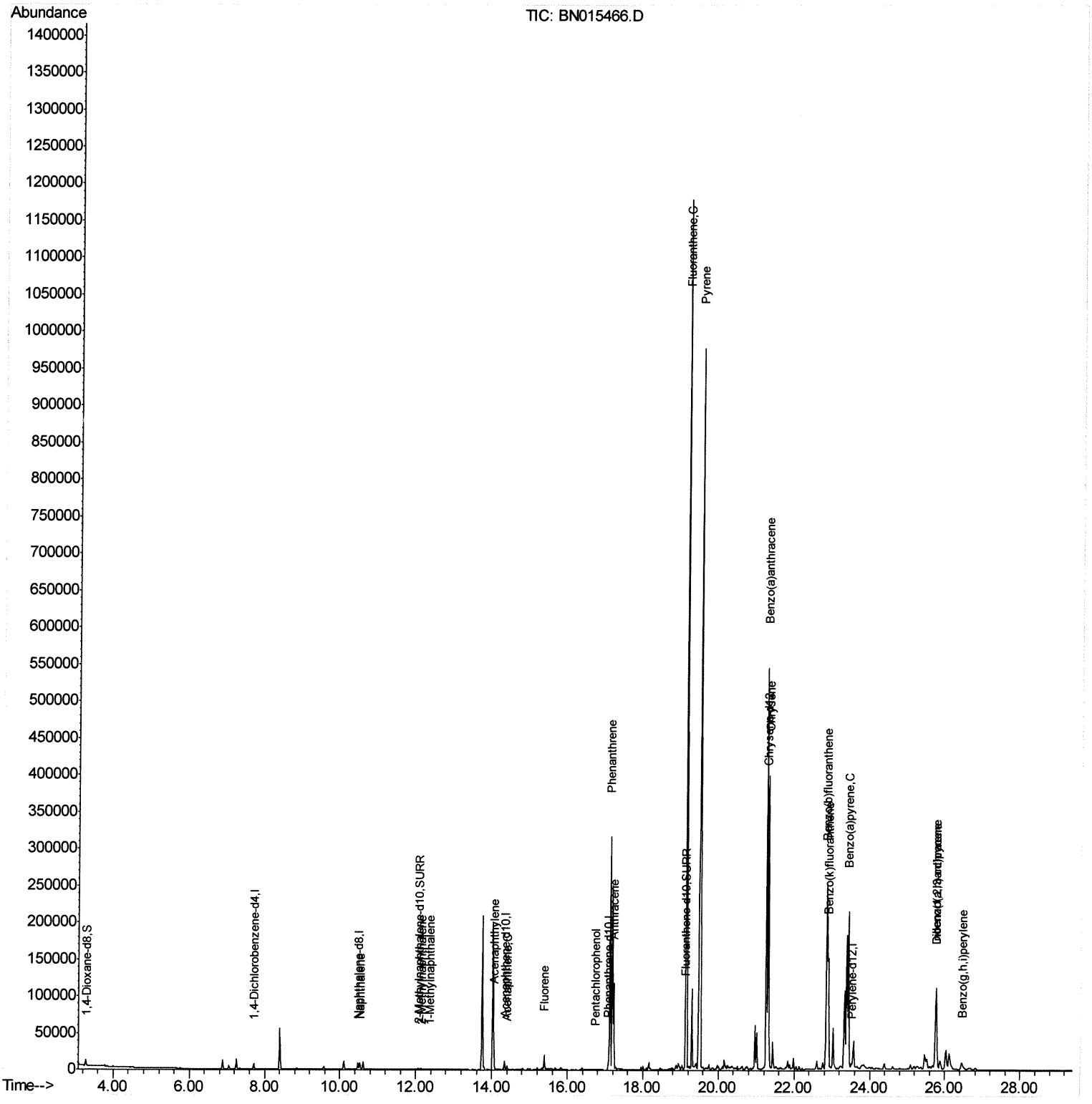
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015466.D
Acq On : 10 Jul 2021 03:51
Operator : CG/JU
Sample : M2808-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 10 04:38:26 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 : Sat Jul 10 02:55:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGG08

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:47 AM

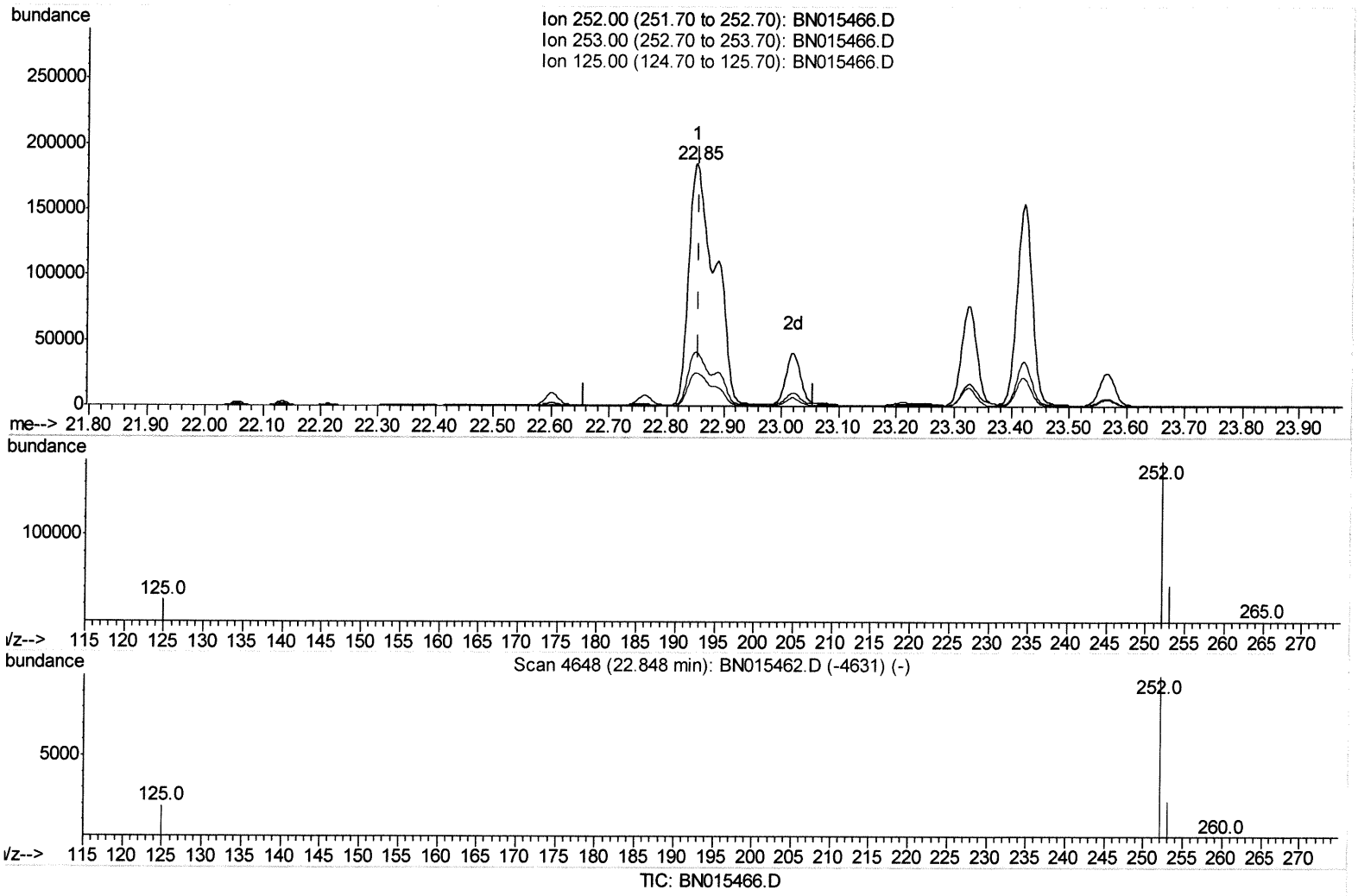


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015466.D
Acq On : 10 Jul 2021 03:51
Operator : CG/JU
Sample : M2808-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 10 04:35:17 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 : Sat Jul 10 02:55:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGG08

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:47 AM



(24) Benzo(b)fluoranthene

22.851min (-0.005) 14.15ng/ul

response 581977

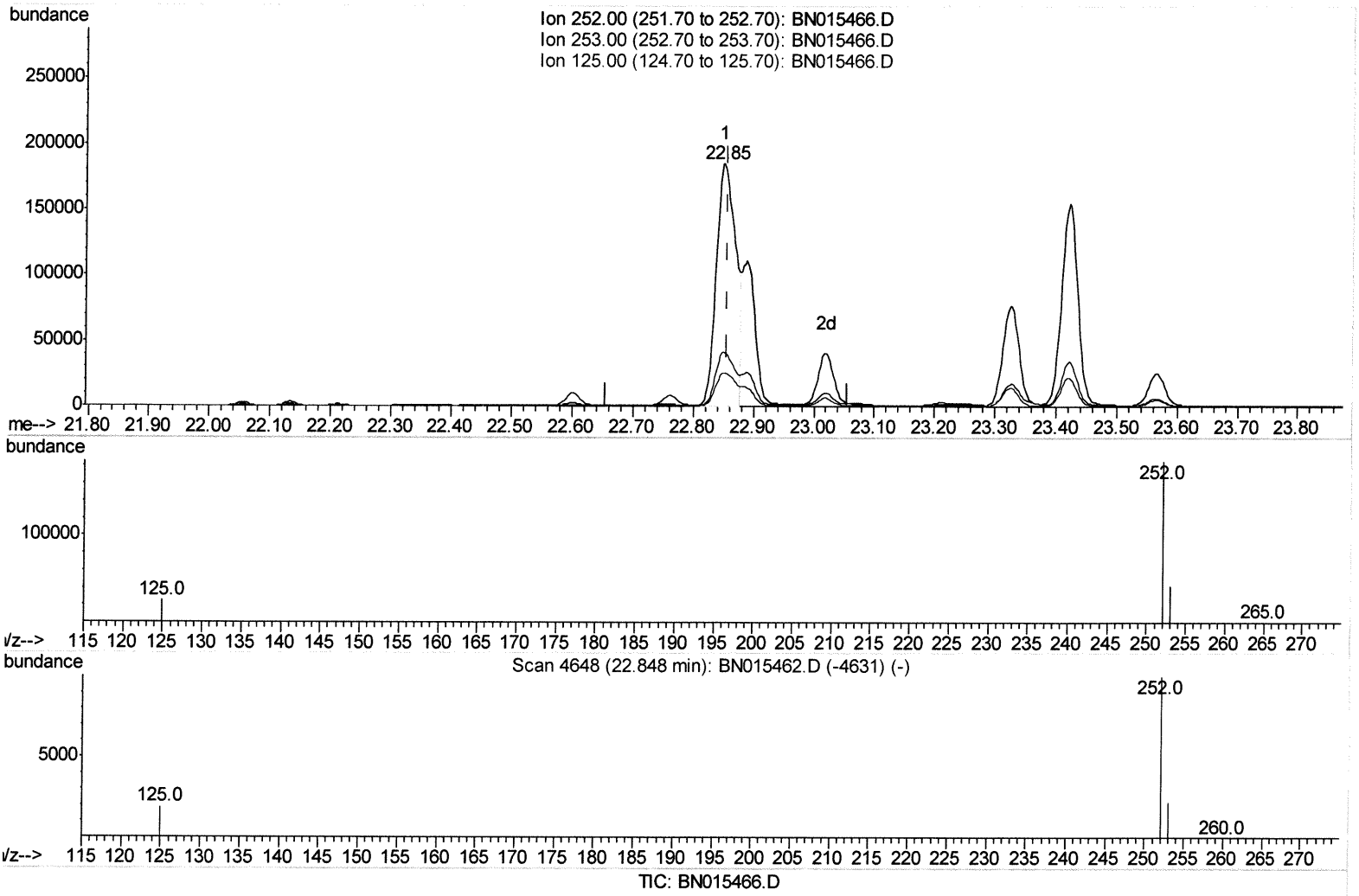
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.51
125.00	14.20	13.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015466.D
Acq On : 10 Jul 2021 03:51
Operator : CG/JU
Sample : M2808-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 10 04:35:17 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 : Sat Jul 10 02:55:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGG08

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:47 AM



(24) Benzo(b)fluoranthene

22.851min (-0.005) 9.94ng/ul m

response 408720

JU 7/14/21

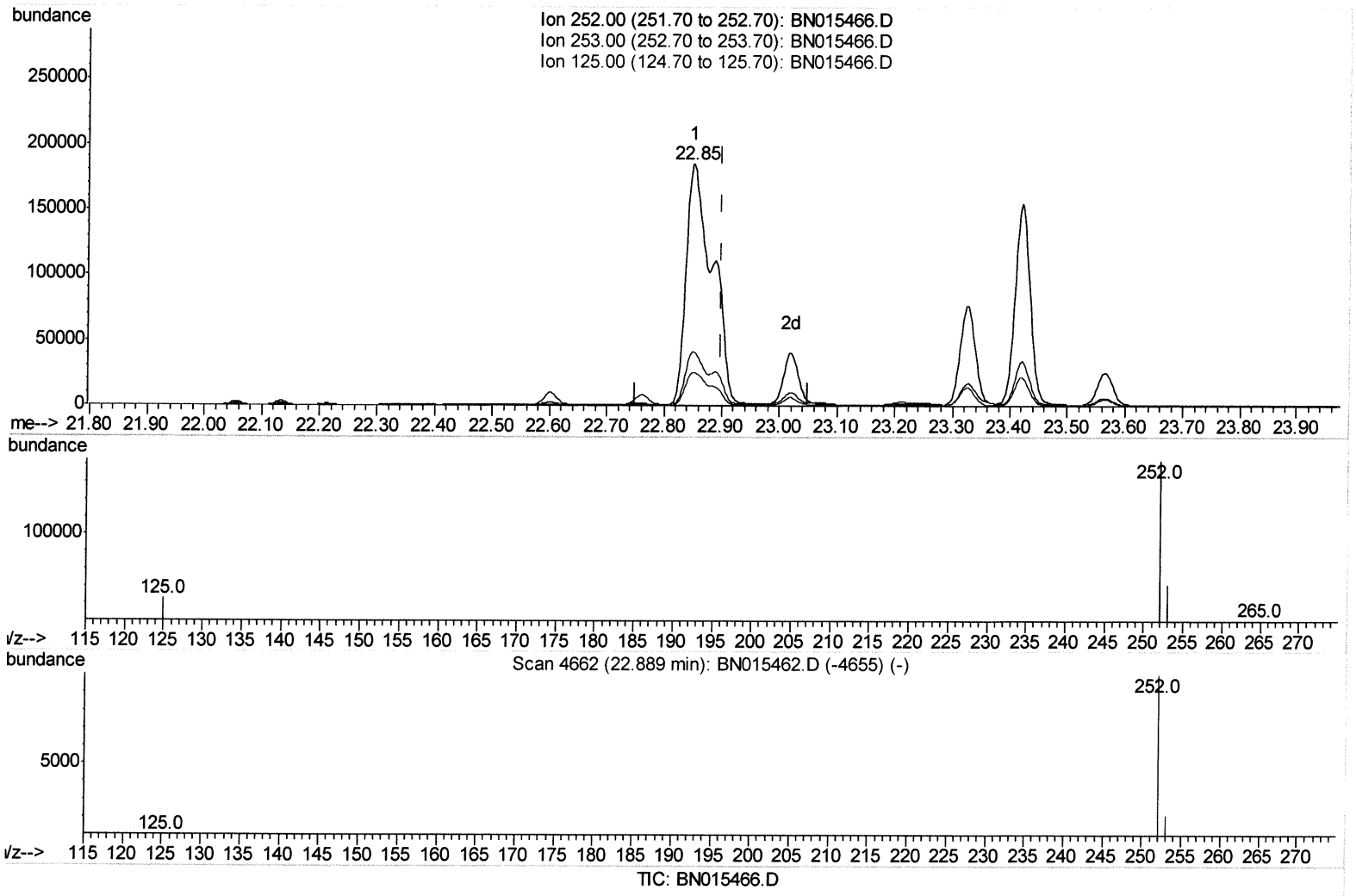
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.51
125.00	14.20	13.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015466.D
Acq On : 10 Jul 2021 03:51
Operator : CG/JU
Sample : M2808-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 10 04:37:20 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 : Sat Jul 10 02:55:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGG08

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:47 AM



TIC: BN015466.D

(25) Benzo(k)fluoranthene

22.851min (-0.049) 12.54ng/ul

response 581977

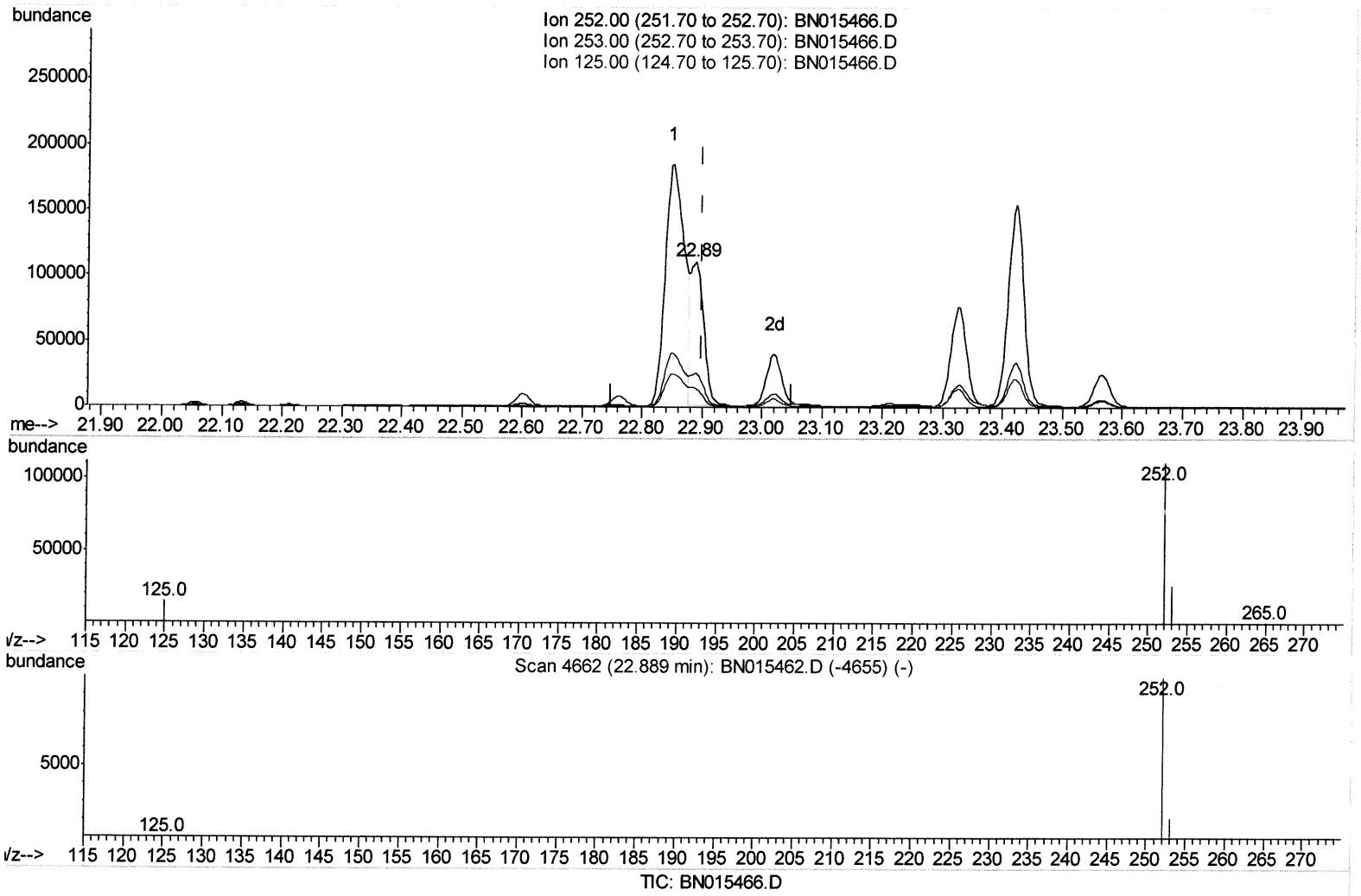
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.51
125.00	14.40	13.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015466.D
Acq On : 10 Jul 2021 03:51
Operator : CG/JU
Sample : M2808-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 10 04:37:20 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 : Sat Jul 10 02:55:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGG08

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:47 AM



(25) Benzo(k)fluoranthene

22.889min (-0.011) 3.62ng/ul m

response 168096

JU 7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.29
125.00	14.40	13.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015466.D
Acq On : 10 Jul 2021 03:51
Operator : CG/JU
Sample : M2808-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGG08

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:47 AM

Quant Time: Jul 10 04:38:26 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 : Sat Jul 10 02:55:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3347	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	11642	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.33	164	6117	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	12448	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	9797	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	8803	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	5364	1.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2680	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	5916	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	12552	0.338	ng/ul	100
7) 2-Methylnaphthalene	12.15	142	1347	0.055	ng/ul	100
8) 1-Methylnaphthalene	12.37	142	630	0.027	ng/ul	98
10) Acenaphthylene	14.05	152	27760	0.878	ng/ul	100
11) Acenaphthene	14.40	153	3458	0.143	ng/ul	98
12) Fluorene	15.39	166	13039	0.487	ng/ul	98
14) Pentachlorophenol	16.74	266	58	0.021	ng/ul	90
15) Phenanthrene	17.12	178	337165	7.463	ng/ul	100
16) Anthracene	17.22	178	120177	3.017	ng/ul	99
19) Fluoranthene	19.15	202	986930	21.801	ng/ul	100
20) Pyrene	19.51	202	779982	17.179	ng/ul	99
21) Benzo(a)anthracene	21.26	228	445026	12.263	ng/ul	96
22) Chrysene	21.32	228	363404	8.364	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	408720m	9.938	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	168096m	3.621	ng/ul	JJ 7/14/21
26) Benzo(a)pyrene	23.42	252	283857	8.218	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.77	276	168640	4.042	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.77	278	43762	1.338	ng/ul	99
29) Benzo(g,h,i)perylene	26.45	276	22113	0.572	ng/ul	97

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