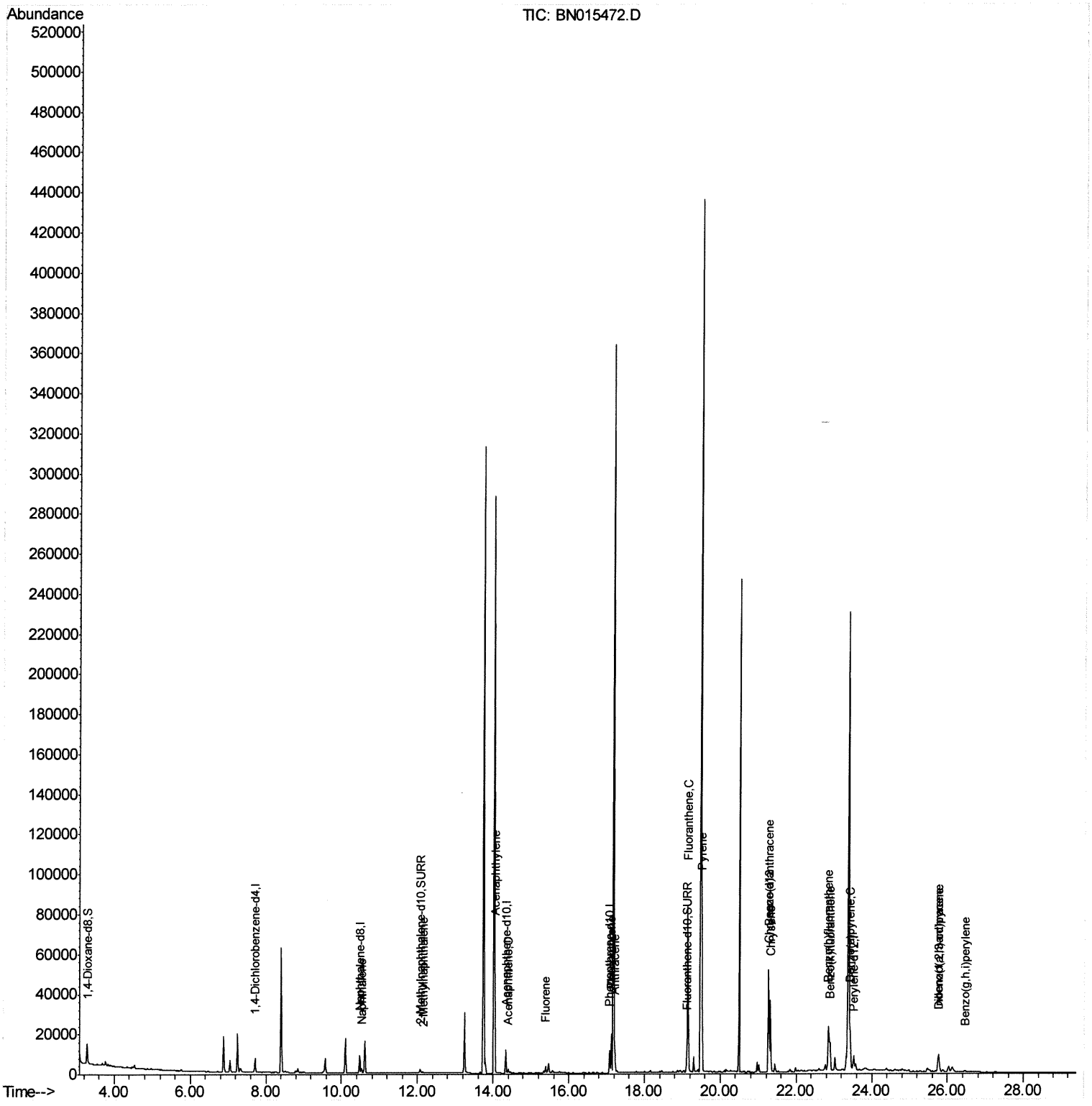
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015472.D
Acq On : 10 Jul 2021 07:26
Operator : CG/JU
Sample : M2808-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 11 06:23:13 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 :
BGDR4

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:05 AM

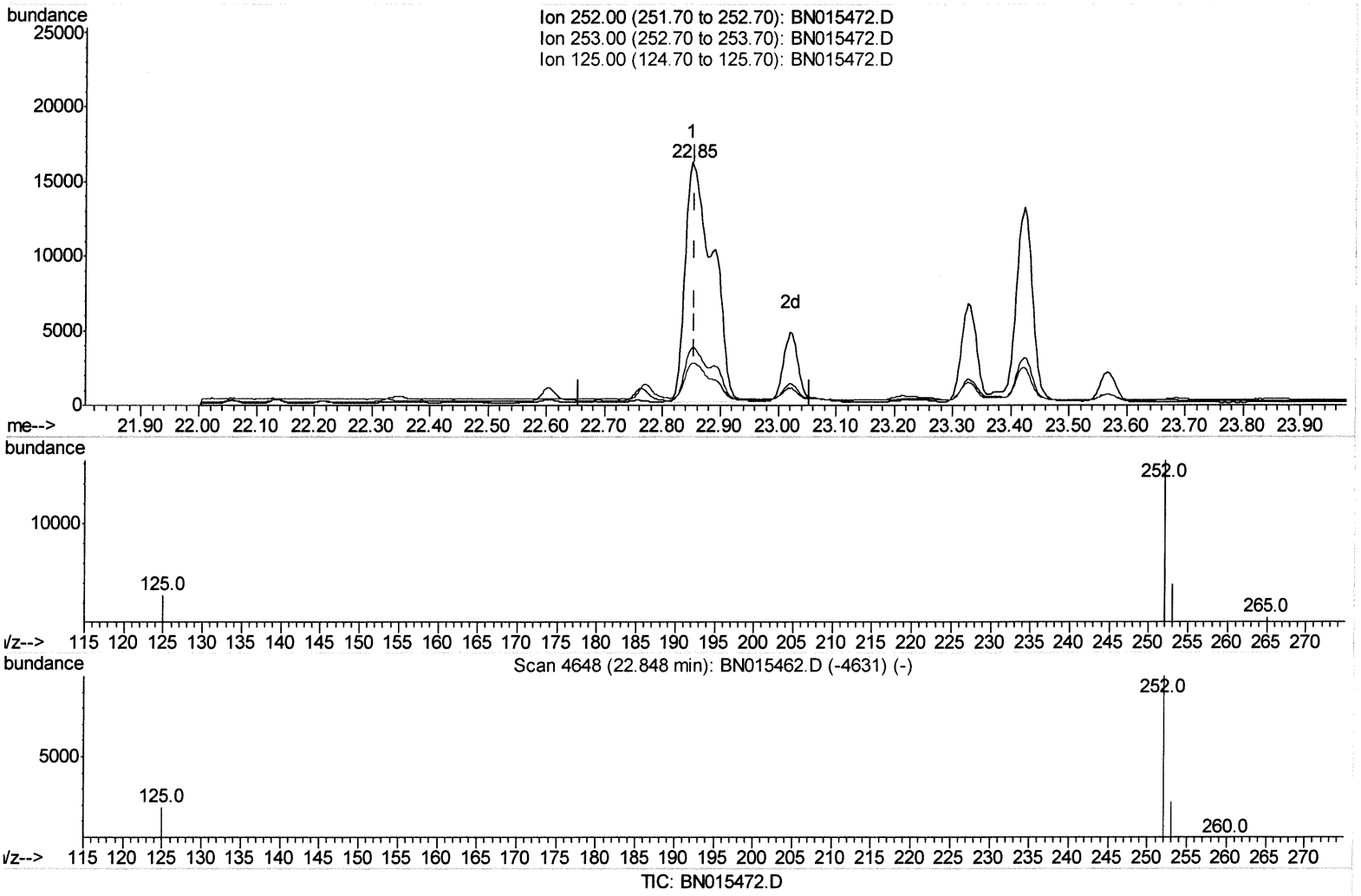


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015472.D
Acq On : 10 Jul 2021 07:26
Operator : CG/JU
Sample : M2808-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 11 06:13:42 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 :
BGDR4

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:05 AM



TIC: BN015472.D

(24) Benzo(b)fluoranthene

22.851min (-0.005) 1.23ng/ul

response 53259

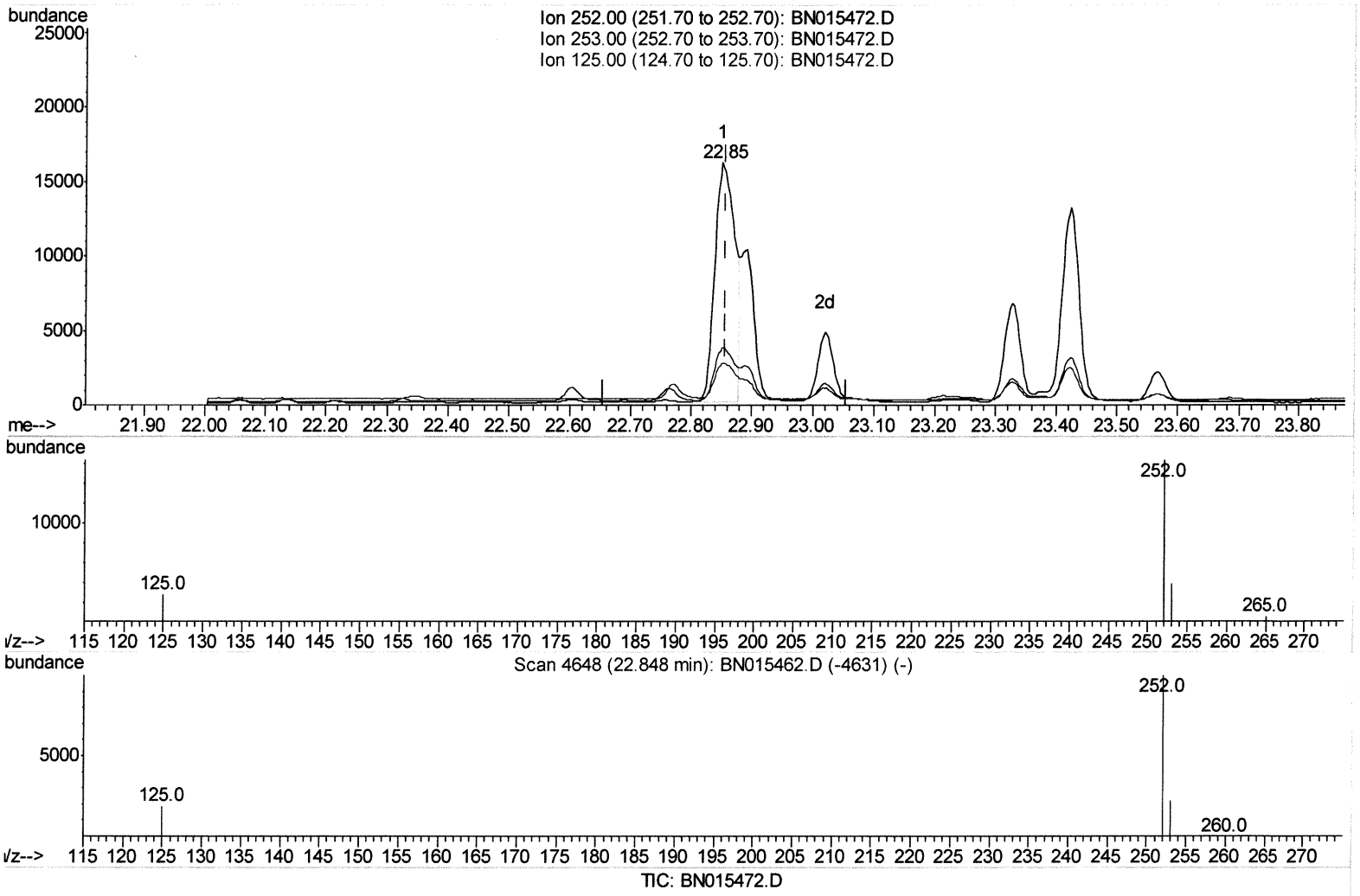
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.68
125.00	14.20	17.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015472.D
Acq On : 10 Jul 2021 07:26
Operator : CG/JU
Sample : M2808-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 11 06:13:42 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 :
BGDR4

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:05 AM



TIC: BN015472.D

(24) Benzo(b)fluoranthene

22.851min (-0.005) 0.83ng/ul m

response 36074

JG 7/14/21

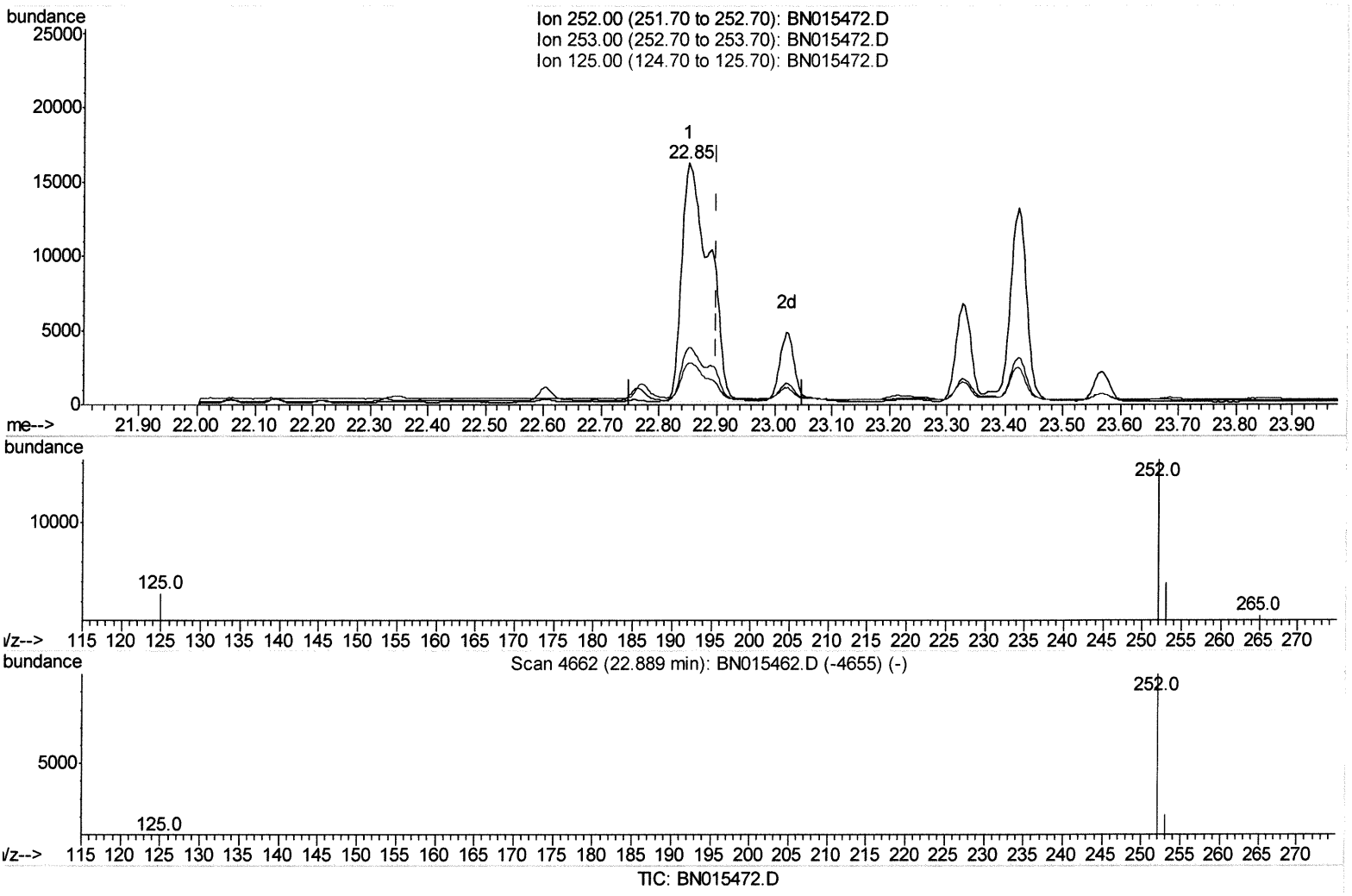
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.68
125.00	14.20	17.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015472.D
Acq On : 10 Jul 2021 07:26
Operator : CG/JU
Sample : M2808-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 11 06:22:14 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 :
BGDR4

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:05 AM



TIC: BN015472.D

(25) Benzo(k)fluoranthene

22.851min (-0.049) 1.09ng/ul

response 53259

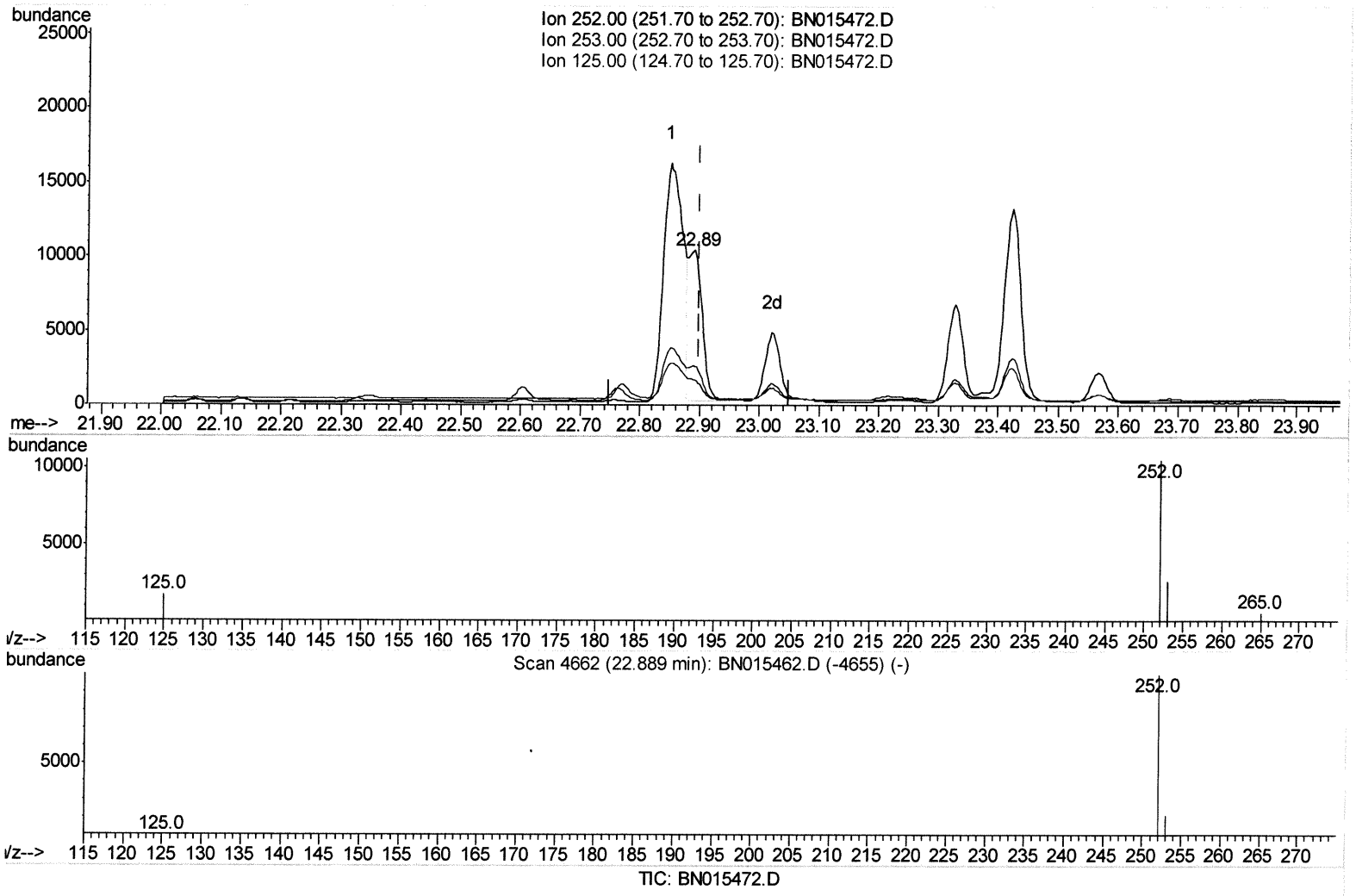
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.68
125.00	14.40	17.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015472.D
Acq On : 10 Jul 2021 07:26
Operator : CG/JU
Sample : M2808-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 11 06:22:14 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 :
BGDR4

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:05 AM



(25) Benzo(k)fluoranthene

22.891min (-0.008) 0.34ng/ul m

response 16647

JU 7/14 21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.08
125.00	14.40	16.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015472.D
Acq On : 10 Jul 2021 07:26
Operator : CG/JU
Sample : M2808-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDR4

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:05 AM

Quant Time: Jul 11 06:23:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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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	3380	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	11701	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.33	164	6267	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	12686	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	10238	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	9281	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	7158	1.88	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2851	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	6171	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	2987	0.080	ng/ul#	95
7) 2-Methylnaphthalene	12.15	142	539	0.022	ng/ul	98
10) Acenaphthylene	14.05	152	3013	0.093	ng/ul	95
11) Acenaphthene	14.40	153	1246	0.050	ng/ul	97
12) Fluorene	15.39	166	2084	0.076	ng/ul#	96
15) Phenanthrene	17.12	178	20374	0.442	ng/ul	99
16) Anthracene	17.22	178	12630	0.311	ng/ul	99
19) Fluoranthene	19.15	202	69791	1.475	ng/ul	97
20) Pyrene	19.51	202	60315	1.271	ng/ul	100
21) Benzo(a)anthracene	21.27	228	41376	1.091	ng/ul	95
22) Chrysene	21.32	228	34594	0.762	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	36074m	0.832	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	16647m	0.340	ng/ul	
26) Benzo(a)pyrene	23.42	252	25229	0.693	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.76	276	14100	0.321	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.77	278	4211	0.122	ng/ul#	86
29) Benzo(g,h,i)perylene	26.45	276	2023	0.050	ng/ul#	73

JU 7/14/21

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