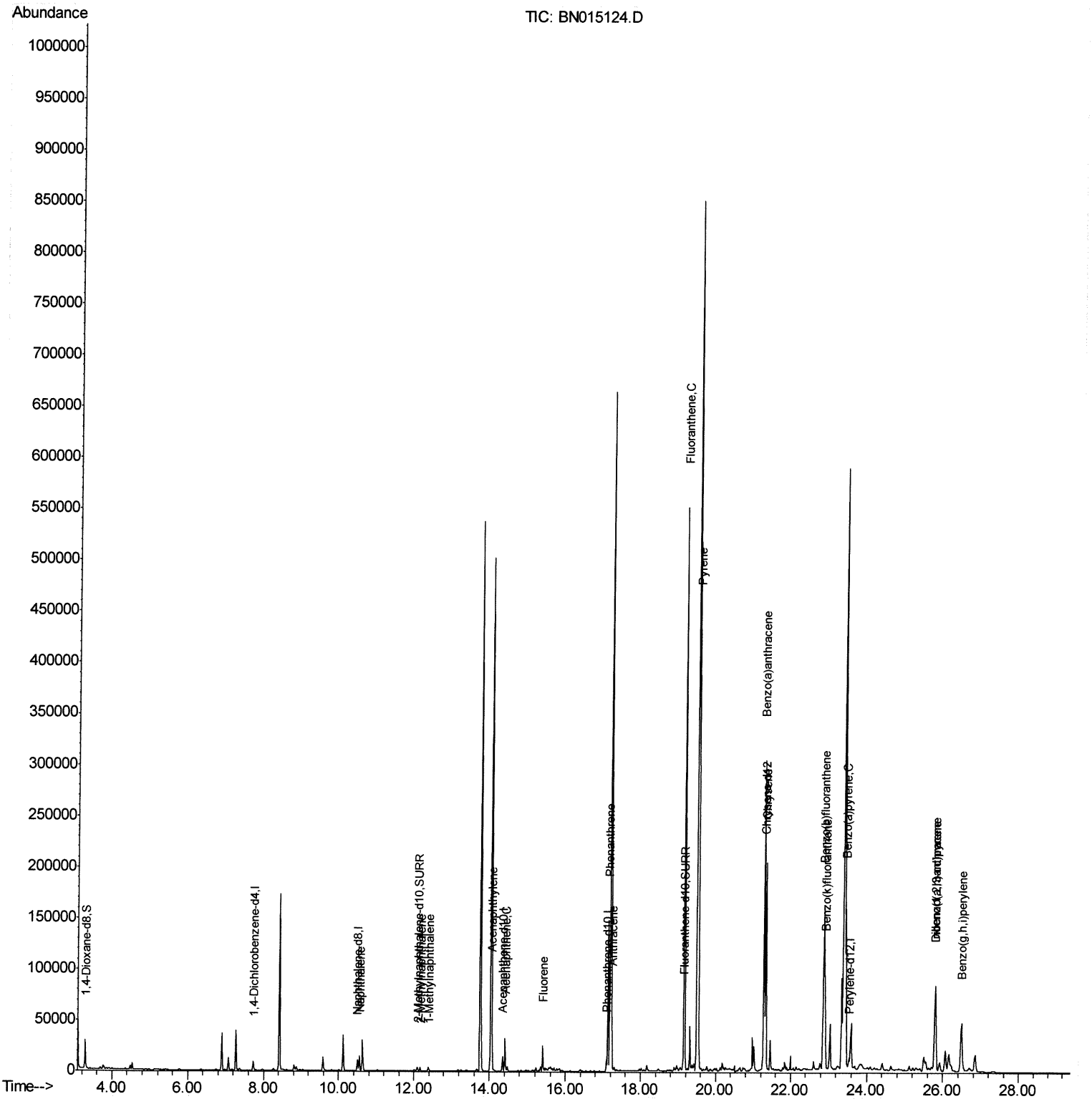
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015124.D
Acq On : 26 Jun 2021 19:59
Operator : CG/JU
Sample : M2680-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 27 07:14:12 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD74

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:22 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015124.D
Acq On : 26 Jun 2021 19:59
Operator : CG/JU
Sample : M2680-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 27 06:42:07 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD74

Manual Integrations APPROVED
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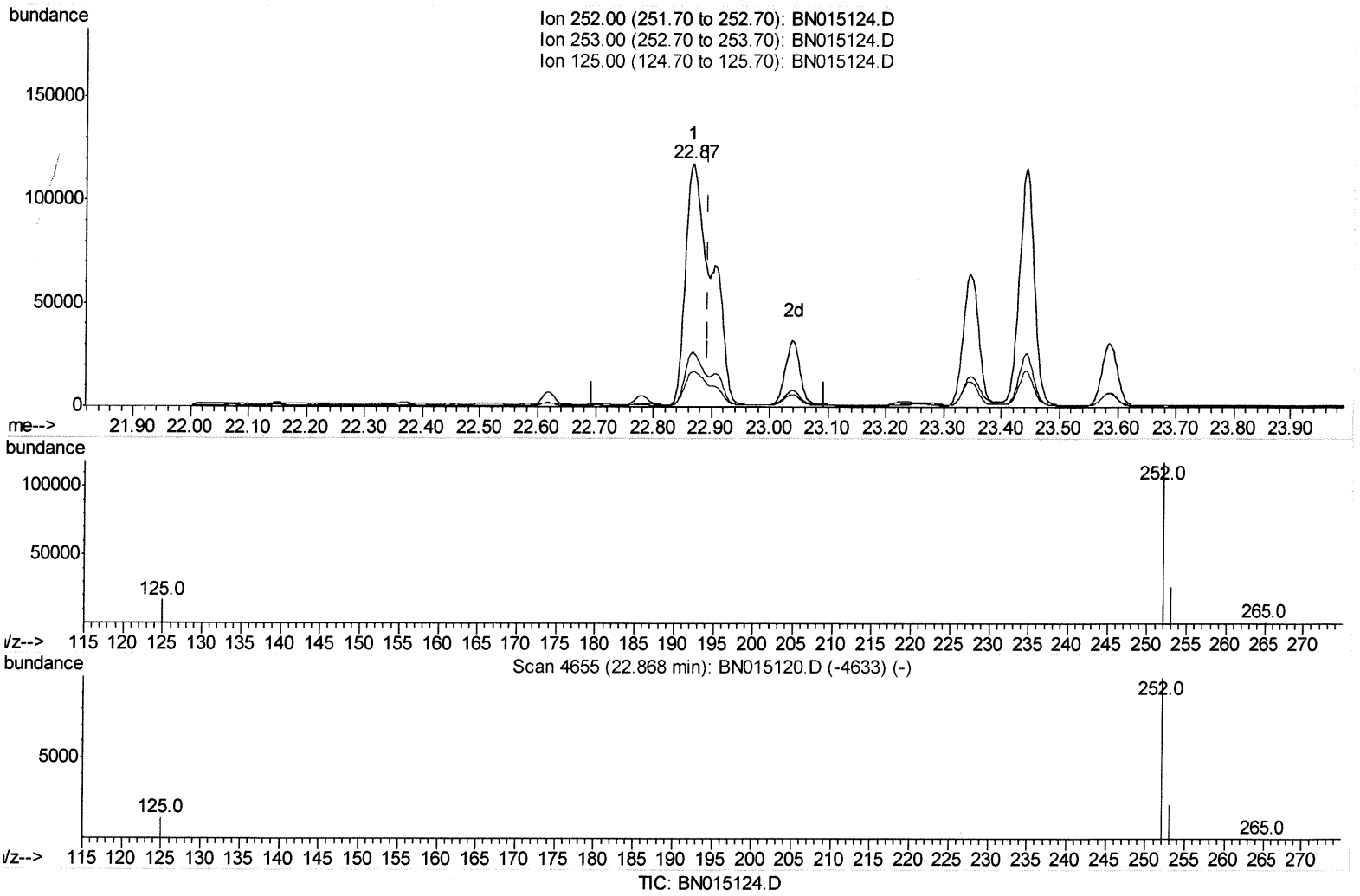

(24) Benzo(b)fluoranthene

22.867min (-0.027) 6.06ng/ul

response 366529

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.58
125.00	14.20	14.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015124.D
Acq On : 26 Jun 2021 19:59
Operator : CG/JU
Sample : M2680-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 27 06:42:07 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 : Tue Jun 22 11:53:52 2021
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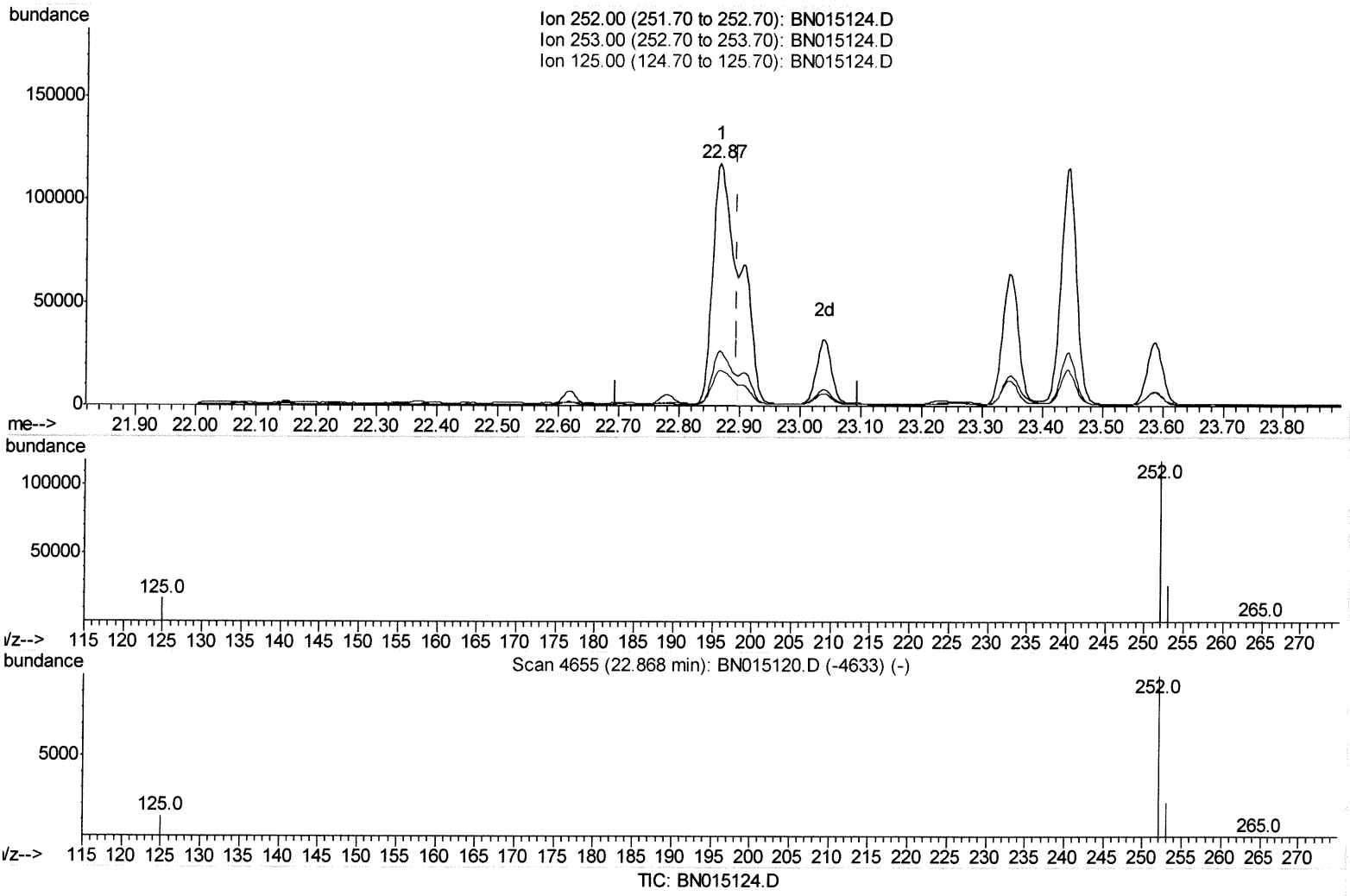
Instrument :
BNA_N
ClientSampleId :
BGD74

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:22 PM



TIC: BN015124.D

(24) Benzo(b)fluoranthene

22.867min (-0.027) 4.41ng/ul m JG 6/30/21

response 267129

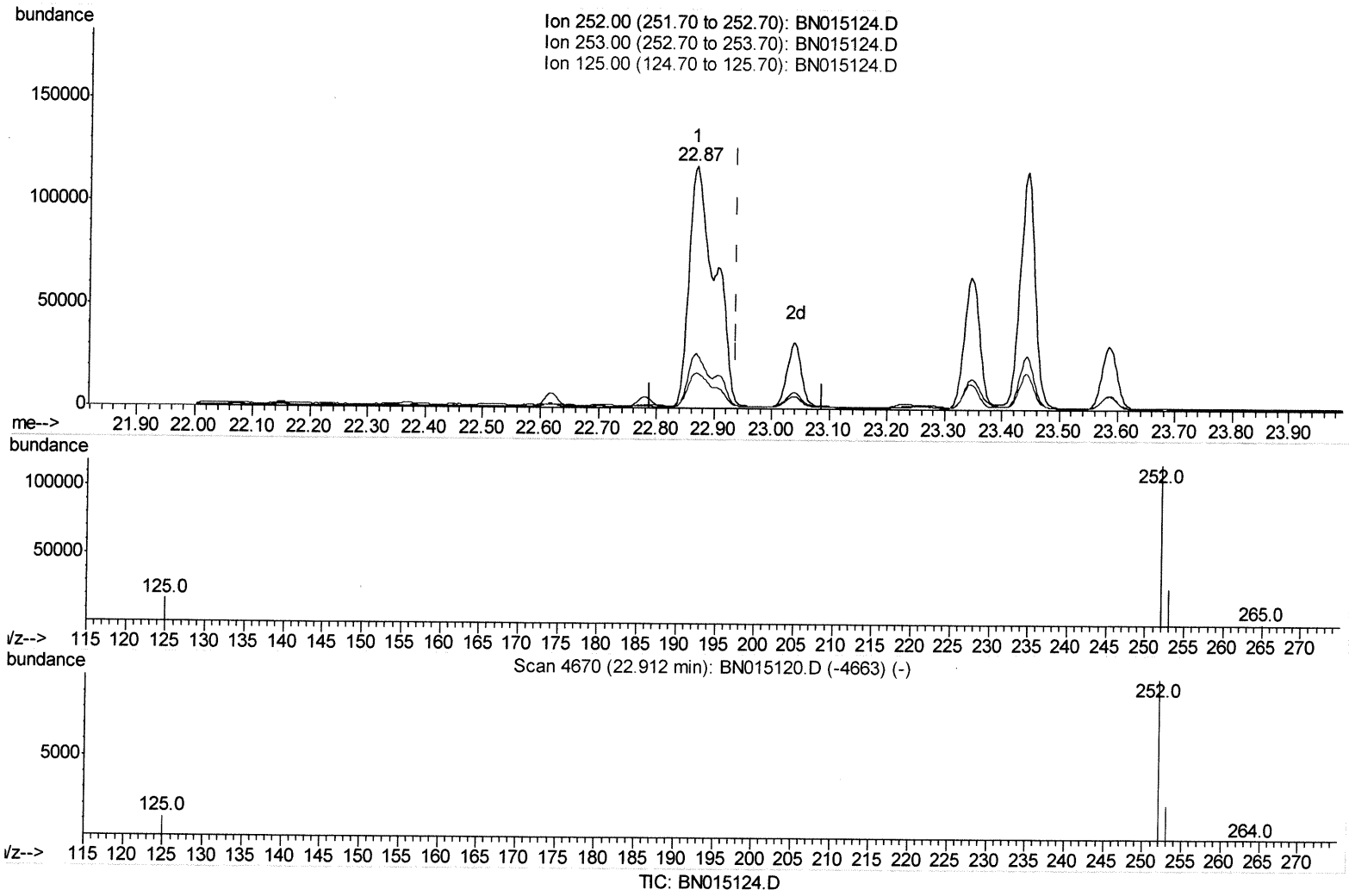
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.58
125.00	14.20	14.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015124.D
Acq On : 26 Jun 2021 19:59
Operator : CG/JU
Sample : M2680-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD74

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:22 PM

Quant Time: Jun 27 07:09:02 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.867min (-0.071) 5.37ng/ul

response 366529

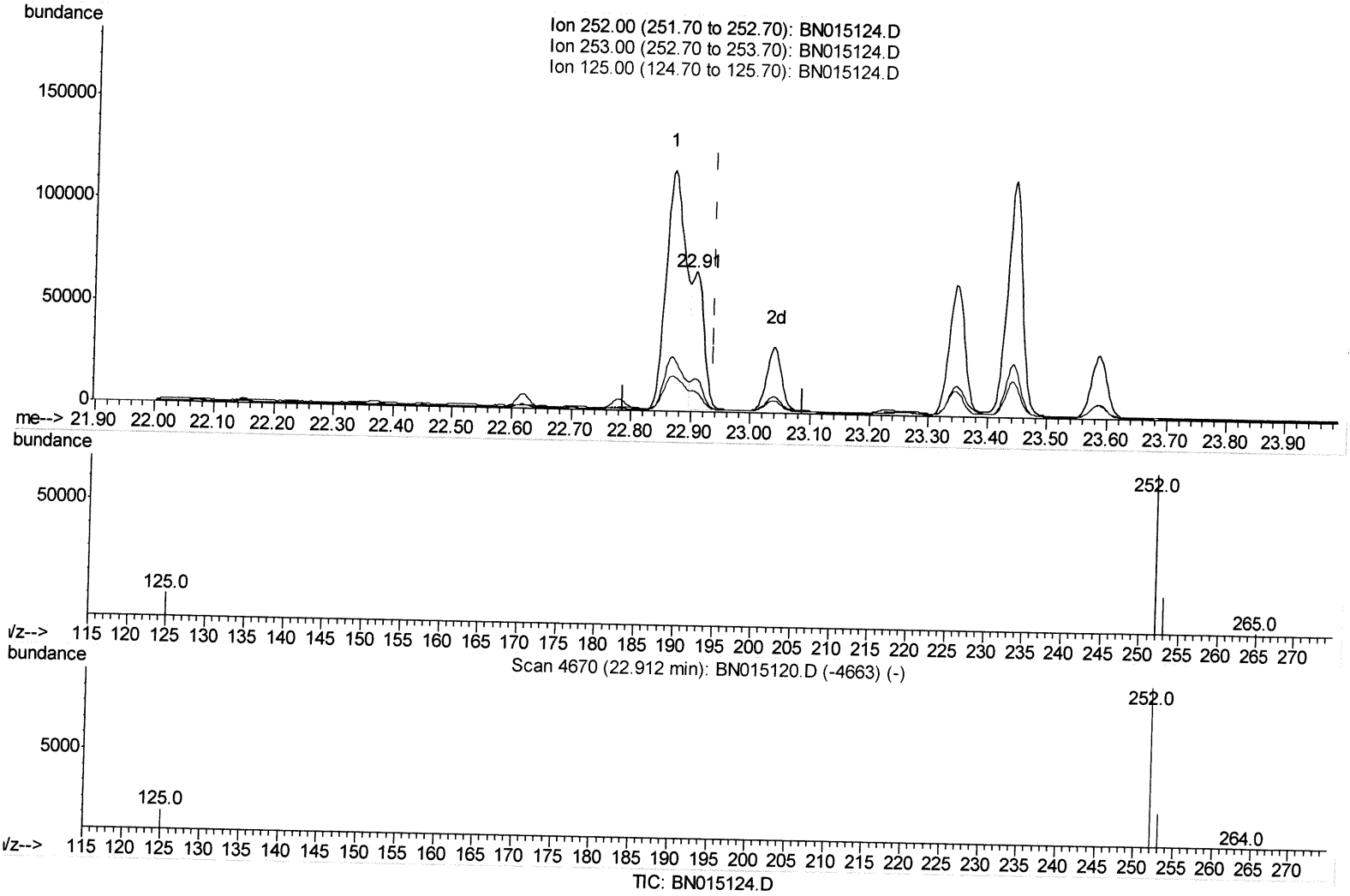
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.58
125.00	14.40	14.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015124.D
Acq On : 26 Jun 2021 19:59
Operator : CG/JU
Sample : M2680-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 27 07:09:02 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD74

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:22 PM



(25) Benzo(k)fluoranthene

22.905min (-0.033) 1.42ng/ul m JU 6/30/21

response 96889

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.52
125.00	14.40	14.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015124.D
Acq On : 26 Jun 2021 19:59
Operator : CG/JU
Sample : M2680-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD74

Manual Integrations APPROVED
mohammad
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Quant Time: Jun 27 07:14:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4199	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	14584	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	7838	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	15839	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	15060	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	12956	0.40	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	17405	3.68	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	4781	0.21	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	11715	0.24	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.55	128	19413	0.417	ng/ul	100
7) 2-Methylnaphthalene	12.16	142	2311	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.38	142	2262	0.077	ng/ul	97
10) Acenaphthylene	14.07	152	25958	0.641	ng/ul	99
11) Acenaphthene	14.41	153	18415	0.593	ng/ul	99
12) Fluorene	15.40	166	15491	0.451	ng/ul	98
15) Phenanthrene	17.14	178	154910	2.695	ng/ul	100
16) Anthracene	17.23	178	58657	1.157	ng/ul	99
19) Fluoranthene	19.16	202	444181	6.383	ng/ul	98
20) Pyrene	19.53	202	343006	4.915	ng/ul	99
21) Benzo(a)anthracene	21.28	228	256628	4.600	ng/ul	97
22) Chrysene	21.33	228	194389	2.911	ng/ul	98
24) Benzo(b)fluoranthene	22.87	252	267129m	4.413	ng/ul	
25) Benzo(k)fluoranthene	22.91	252	96889m	1.418	ng/ul	
26) Benzo(a)pyrene	23.44	252	207039	4.073	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.79	276	126814	2.065	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.80	278	29997	0.623	ng/ul	98
29) Benzo(g,h,i)perylene	26.48	276	98621	1.733	ng/ul	99

JU 6/30/21

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