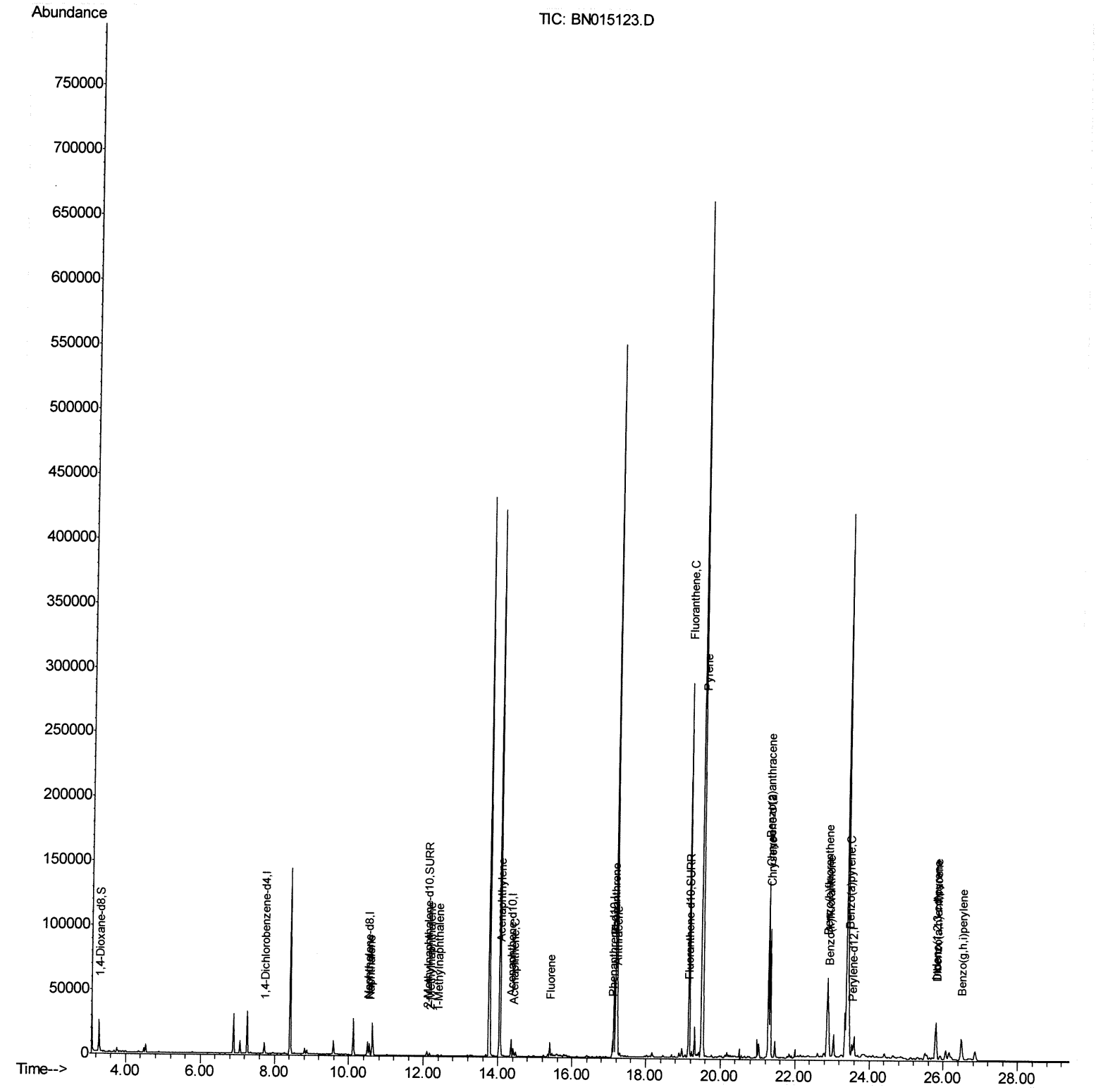
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015123.D
Acq On : 26 Jun 2021 19:23
Operator : CG/JU
Sample : M2680-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 07:06:11 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 :
BGDA2

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:19 PM

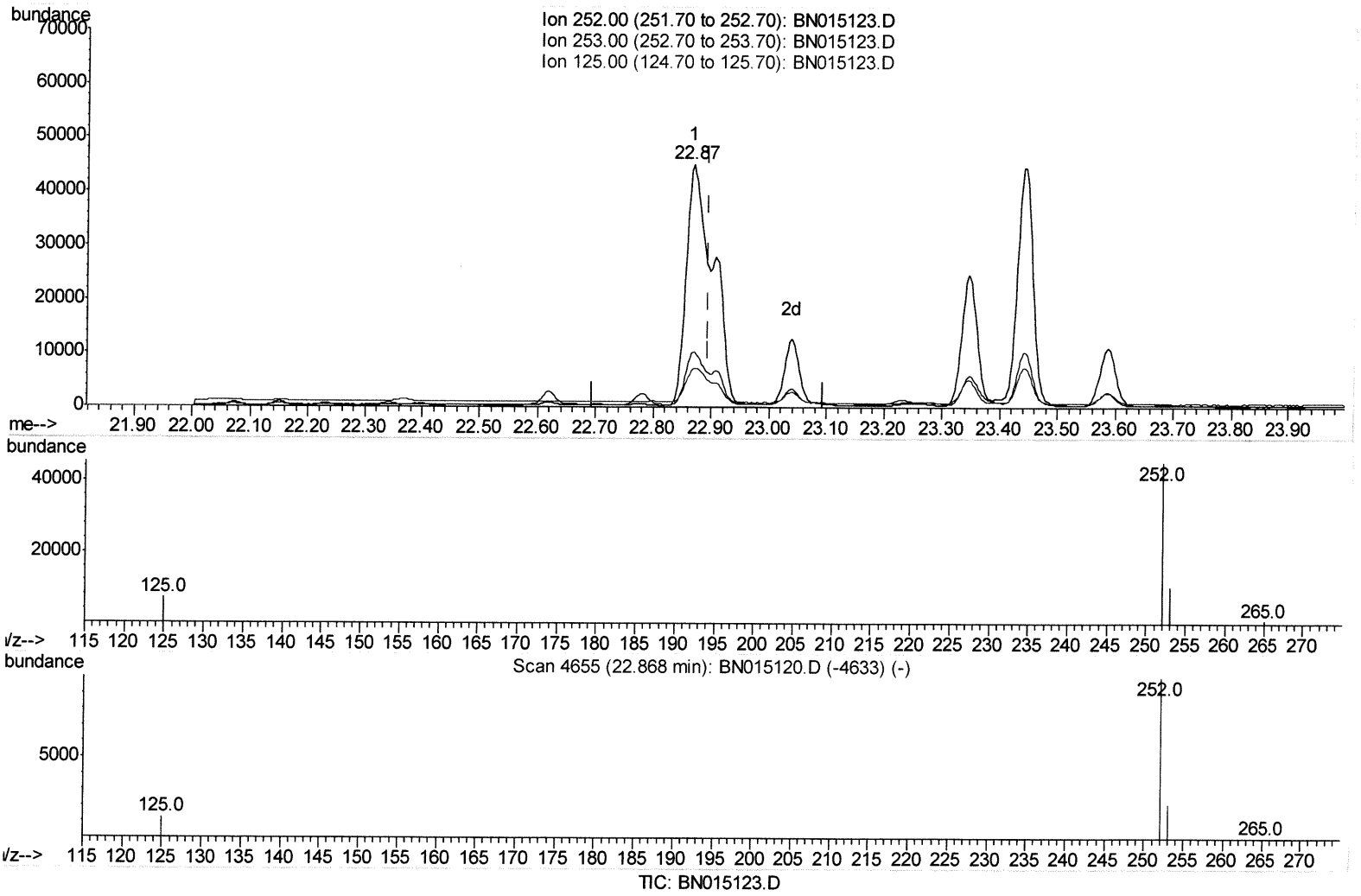


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015123.D
Acq On : 26 Jun 2021 19:23
Operator : CG/JU
Sample : M2680-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 06:42:00 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 :
BGDA2

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:19 PM



TIC: BN015123.D

(24) Benzo(b)fluoranthene

22.868min (-0.026) 2.64ng/ul

response 144988

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.75
125.00	14.20	15.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015123.D
Acq On : 26 Jun 2021 19:23
Operator : CG/JU
Sample : M2680-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 06:42:00 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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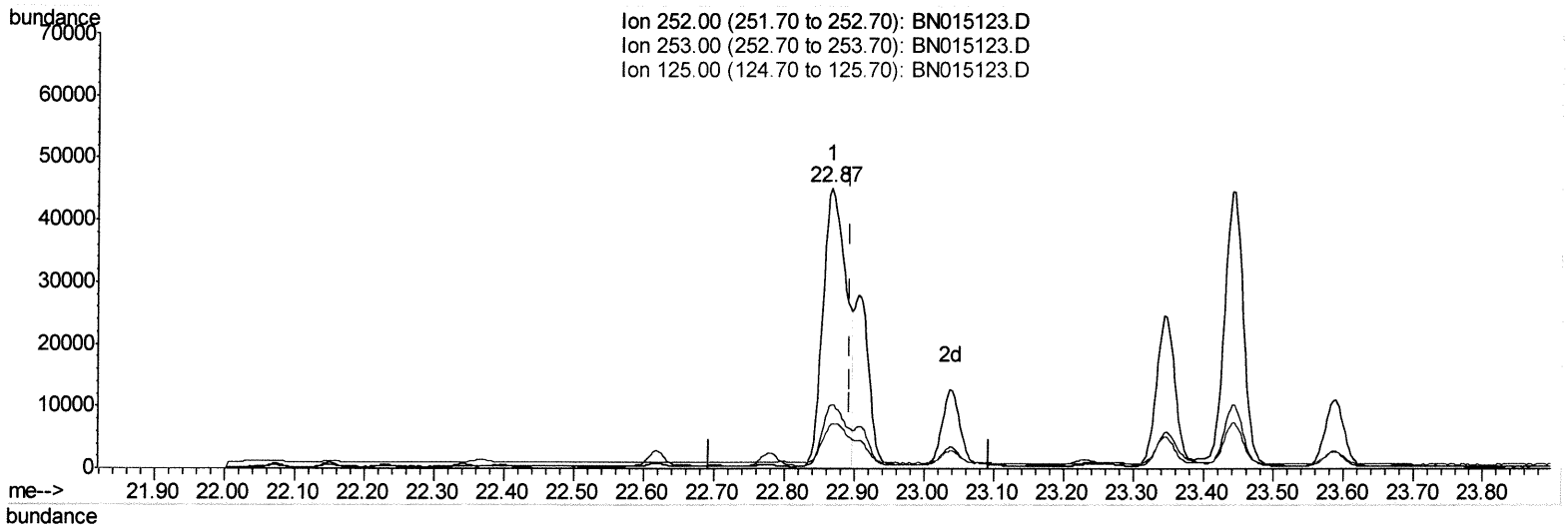
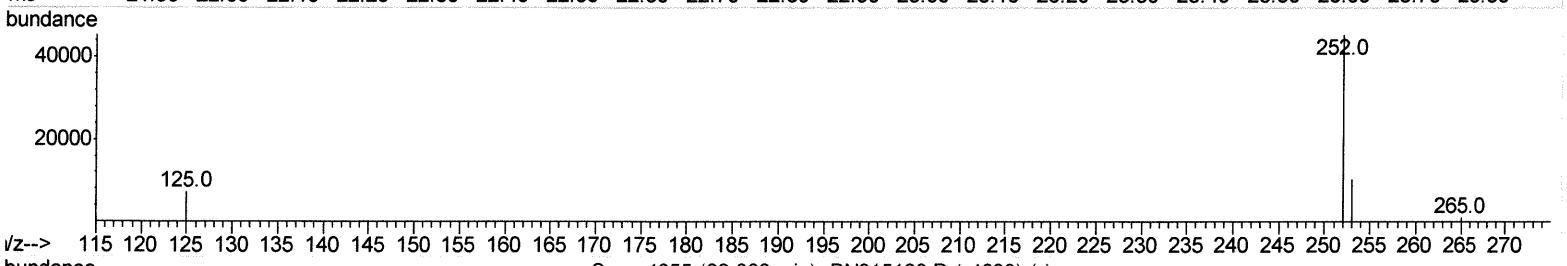
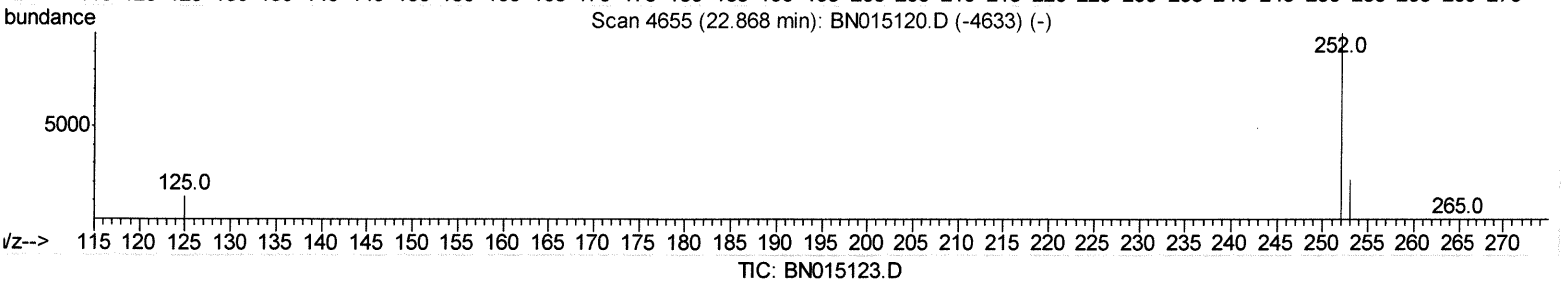
Instrument :
BNA_N
ClientSampleId :
BGDA2

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:19 PM







TIC: BN015123.D

(24) Benzo(b)fluoranthene

22.868min (-0.026) 1.89ng/ul m JG 6/30/21

response 103969

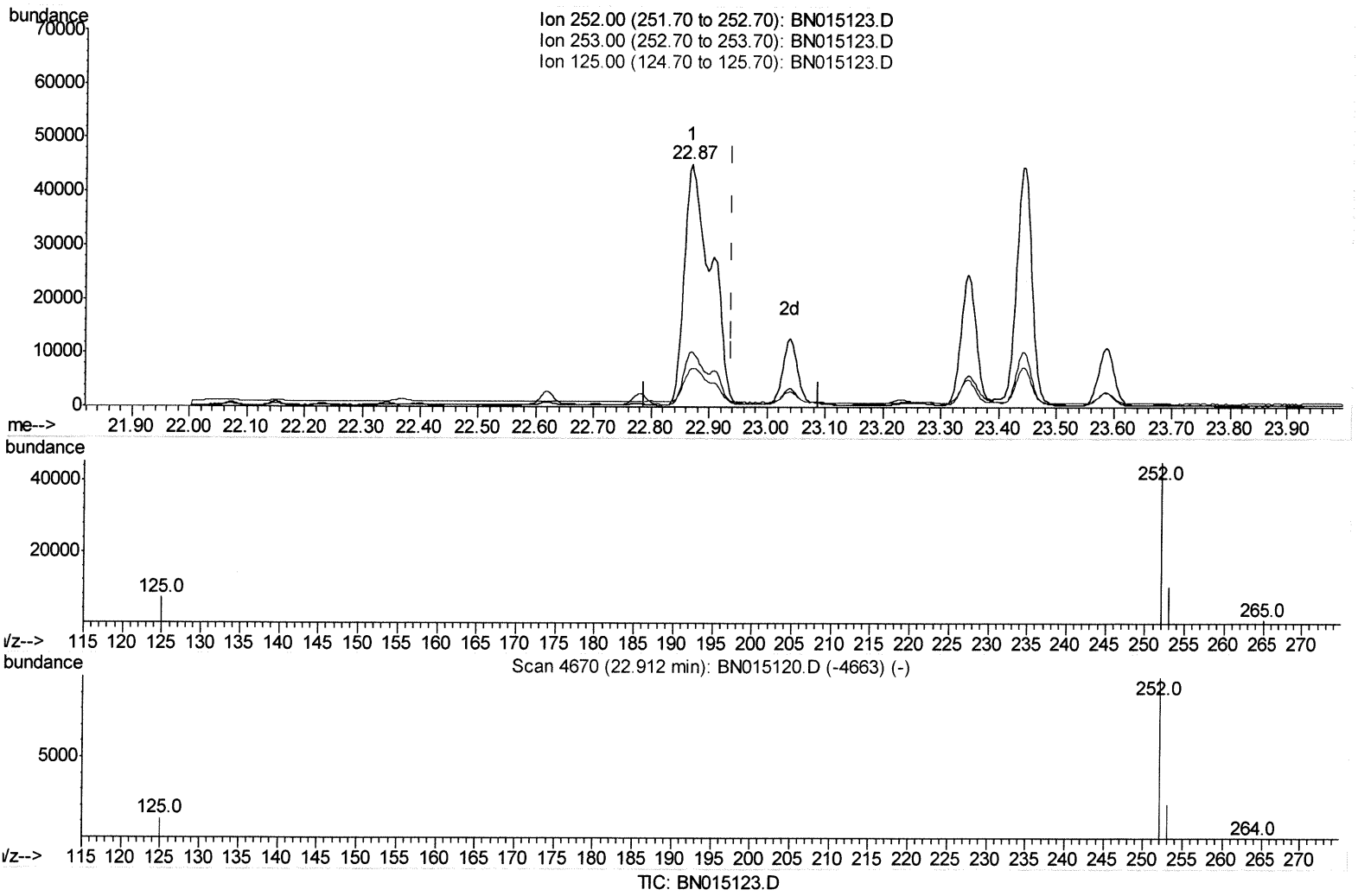
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.75
125.00	14.20	15.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015123.D
Acq On : 26 Jun 2021 19:23
Operator : CG/JU
Sample : M2680-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 07:04:59 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 :
BGDA2

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:19 PM



TIC: BN015123.D

(25) Benzo(k)fluoranthene

22.868min (-0.070) 2.34ng/ul

response 144988

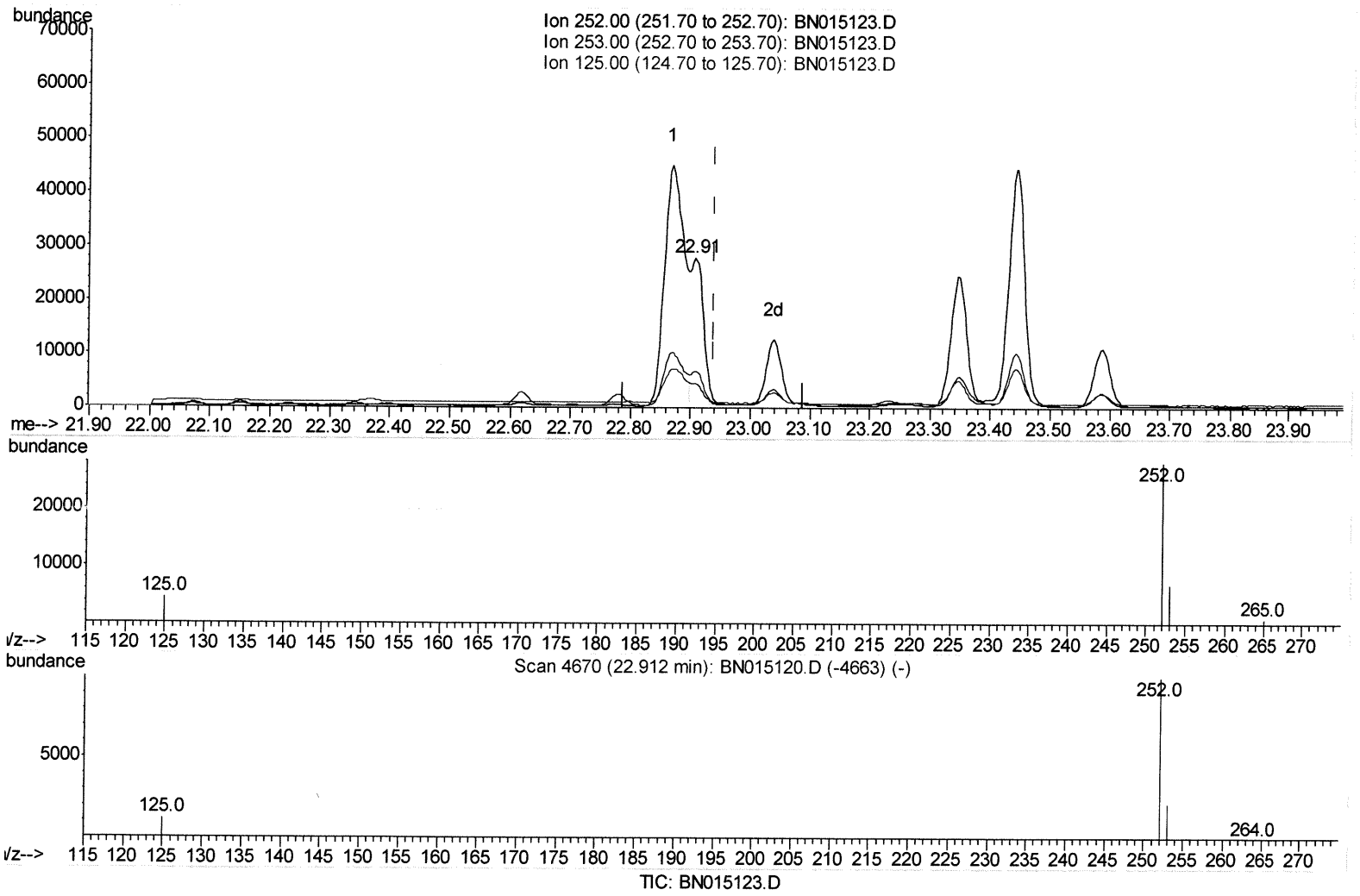
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.75
125.00	14.40	15.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015123.D
Acq On : 26 Jun 2021 19:23
Operator : CG/JU
Sample : M2680-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 07:04:59 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 :
BGDA2

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:19 PM



(25) Benzo(k)fluoranthene

22.906min (-0.032) 0.64ng/ul m JC 6/30/21

response 39703

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.01
125.00	14.40	16.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015123.D
Acq On : 26 Jun 2021 19:23
Operator : CG/JU
Sample : M2680-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDA2

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:19 PM

Quant Time: Jun 27 07:06:11 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3848	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	13385	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	7055	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	14637	0.40	ng/ul	-0.01
17) Chrysene-d12	21.29	240	13979	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	11775	0.40	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14840	3.42	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	3863	0.18	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	8762	0.19	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.55	128	12236	0.287	ng/ul	100
7) 2-Methylnaphthalene	12.16	142	1221	0.044	ng/ul	99
8) 1-Methylnaphthalene	12.38	142	605	0.022	ng/ul	98
10) Acenaphthylene	14.07	152	7060	0.194	ng/ul	97
11) Acenaphthene	14.41	153	3871	0.138	ng/ul	99
12) Fluorene	15.40	166	6622	0.214	ng/ul	97
15) Phenanthrene	17.14	178	63235	1.190	ng/ul	100
16) Anthracene	17.23	178	32864	0.702	ng/ul	100
19) Fluoranthene	19.16	202	237986	3.684	ng/ul	98
20) Pyrene	19.53	202	204670	3.159	ng/ul	99
21) Benzo(a)anthracene	21.28	228	112523	2.173	ng/ul	95
22) Chrysene	21.33	228	90813	1.465	ng/ul	98
24) Benzo(b)fluoranthene	22.87	252	103969m	1.890	ng/ul	
25) Benzo(k)fluoranthene	22.91	252	39703m	0.639	ng/ul	
26) Benzo(a)pyrene	23.44	252	82467	1.785	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.79	276	44215	0.792	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.80	278	11138	0.255	ng/ul	95
29) Benzo(g,h,i)perylene	26.48	276	34272	0.663	ng/ul	99

JU 6/30/21

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