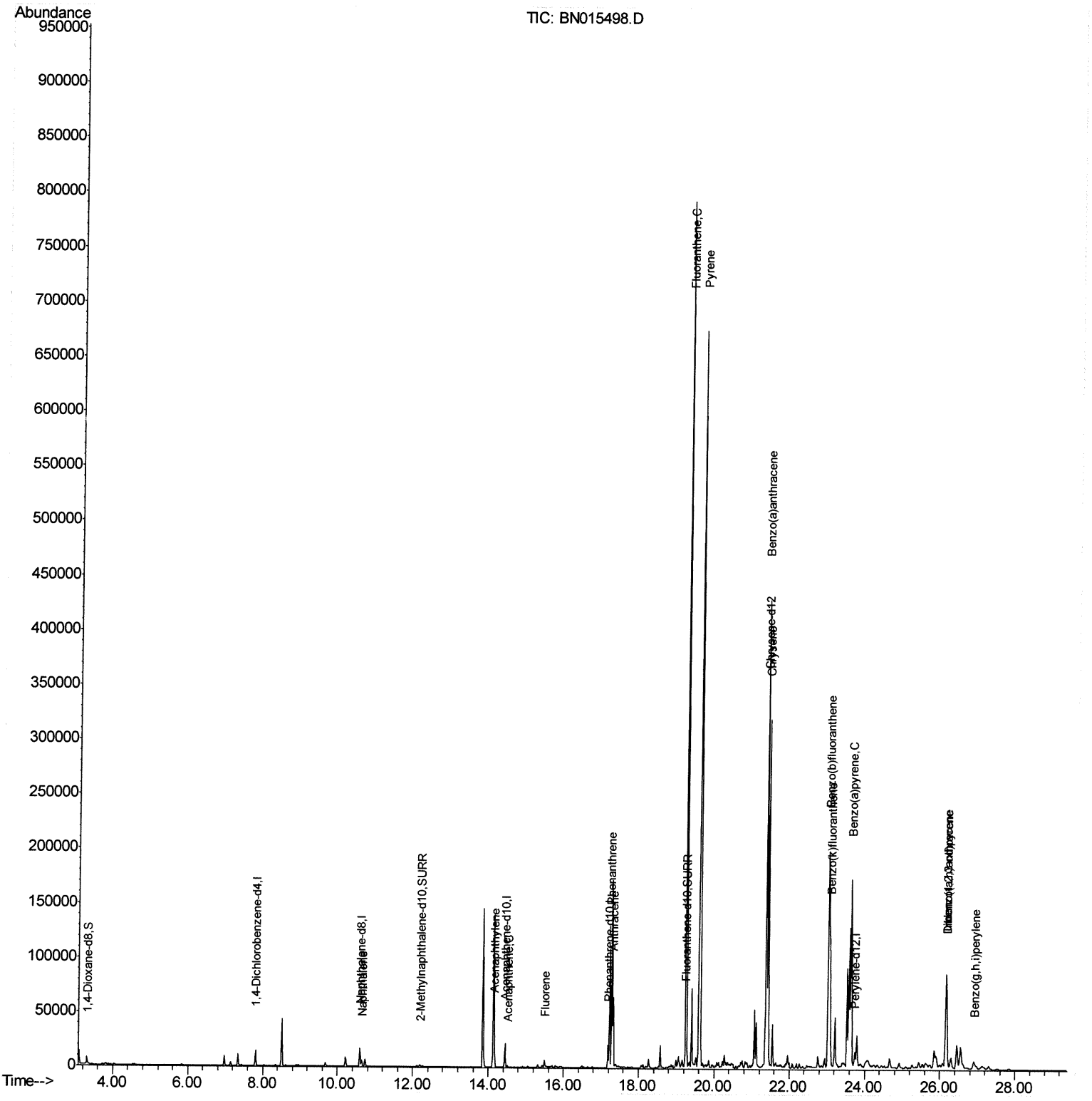
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015498.D
Acq On : 12 Jul 2021 20:11
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 13 05:08:27 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP7

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:13 PM

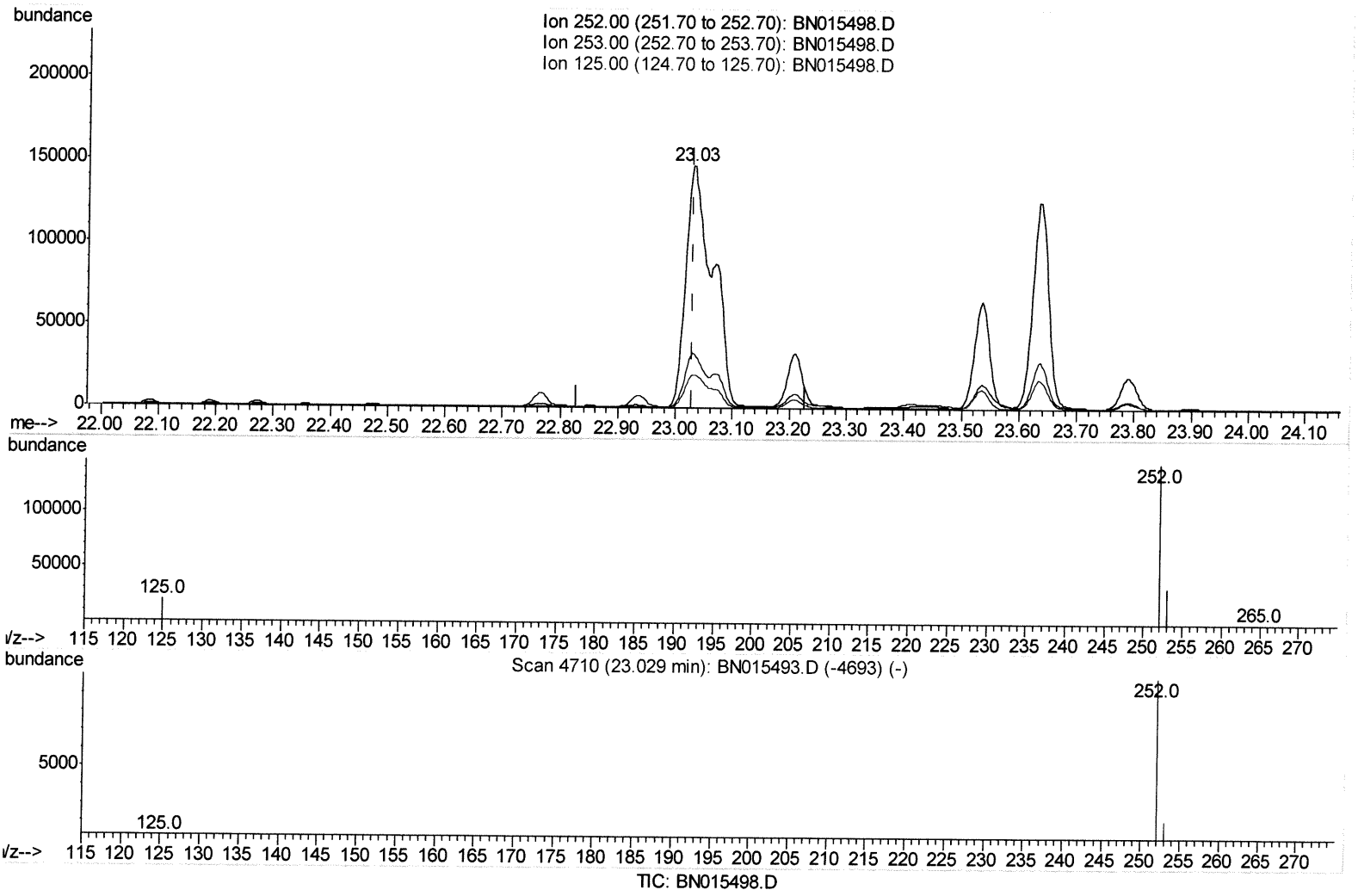


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015498.D
Acq On : 12 Jul 2021 20:11
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 13 04:56:57 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP7

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:13 PM



TIC: BN015498.D

(24) Benzo(b)fluoranthene

23.029min (-0.001) 5.84ng/ul

response 480375

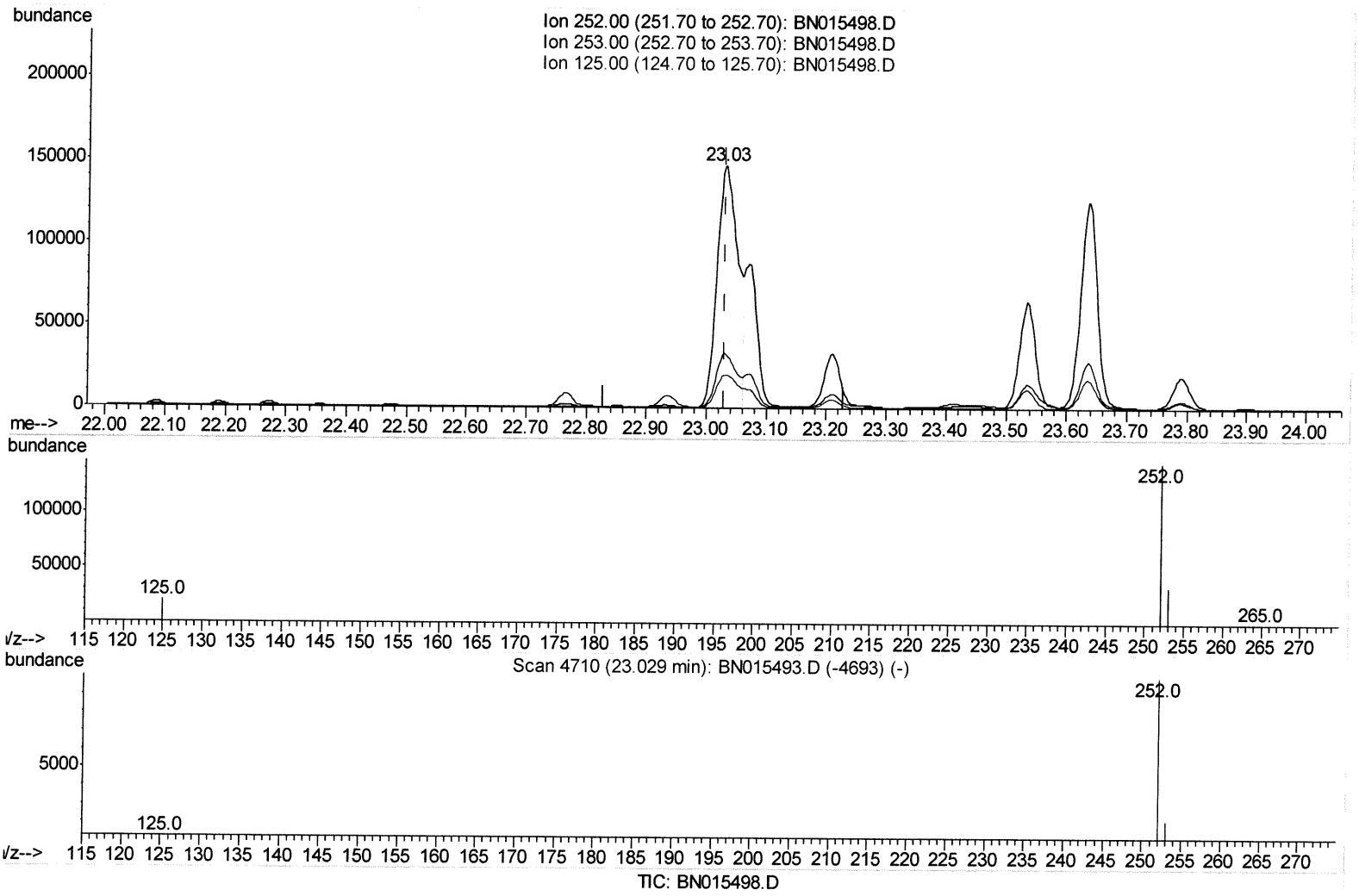
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.71
125.00	14.20	13.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015498.D
Acq On : 12 Jul 2021 20:11
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 13 04:56:57 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP7

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:13 PM



TIC: BN015498.D

(24) Benzo(b)fluoranthene

23.029min (-0.001) 4.30ng/ul m

response 353393

JG 7/14/21

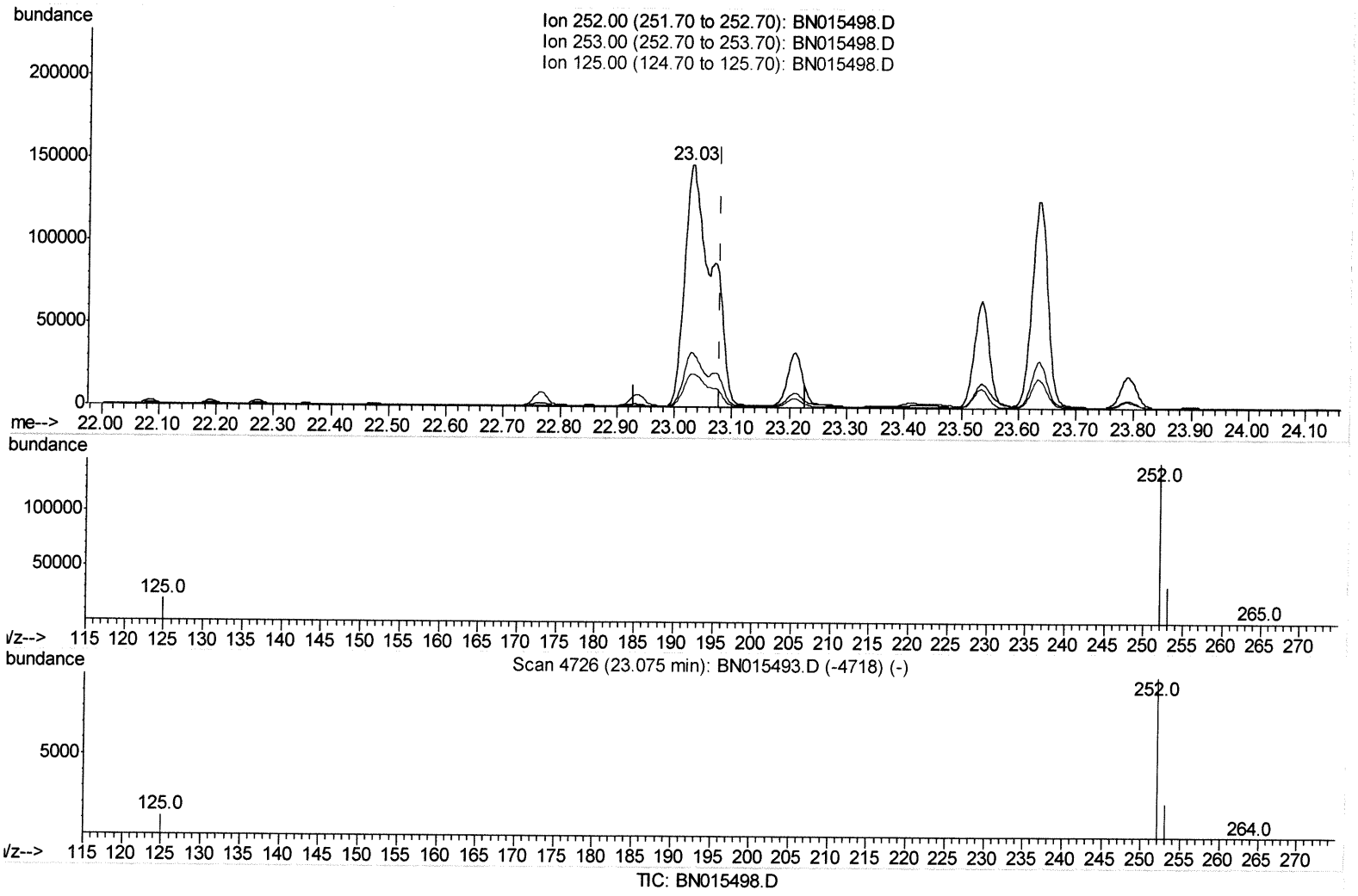
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.71
125.00	14.20	13.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015498.D
Acq On : 12 Jul 2021 20:11
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 13 05:07:31 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP7

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:13 PM



(25) Benzo(k)fluoranthene

23.029min (-0.050) 5.17ng/ul

response 480375

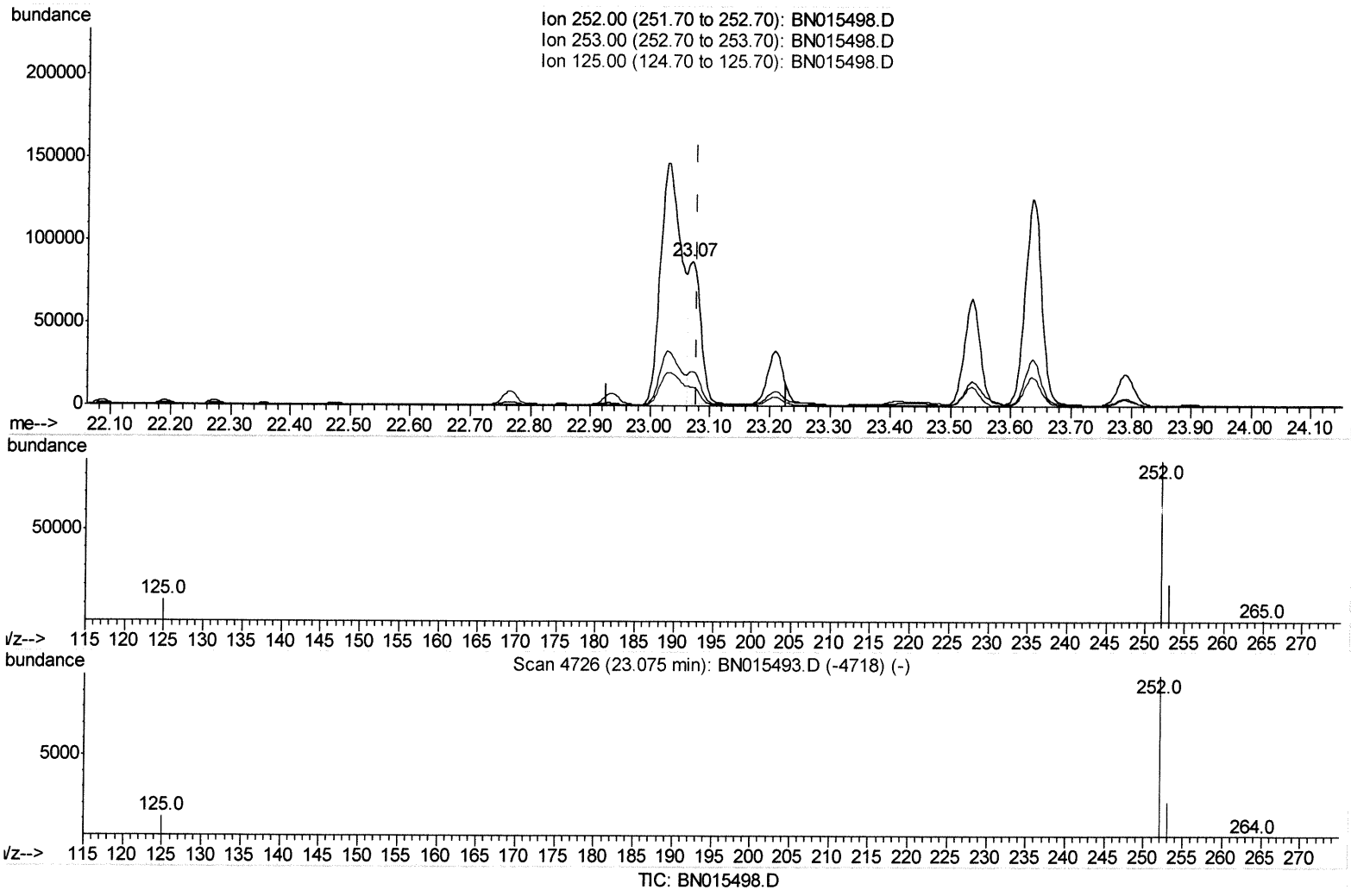
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.71
125.00	14.40	13.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015498.D
Acq On : 12 Jul 2021 20:11
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 13 05:07:31 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDP7

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:13 PM



TIC: BN015498.D

(25) Benzo(k)fluoranthene

23.069min (-0.009) 1.33ng/ul m

JG 7/14/21

response 123163

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.68
125.00	14.40	13.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015498.D
Acq On : 12 Jul 2021 20:11
Operator : CG/JU
Sample : M2808-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDP7

Manual Integrations APPROVED
mohammad
7/13/2021 1:44:13 PM

Quant Time: Jul 13 05:08:27 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	6675	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	22742	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	11676	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	23113	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	18037	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	17609	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	4687	0.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	2249	0.06	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	4711	0.08	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	7949	0.110	ng/ul	99
10) Acenaphthylene	14.16	152	18349	0.304	ng/ul	100
11) Acenaphthene	14.51	153	1217	0.026	ng/ul	96
12) Fluorene	15.50	166	4775	0.093	ng/ul	97
15) Phenanthrene	17.23	178	111025	1.324	ng/ul	100
16) Anthracene	17.32	178	67078	0.907	ng/ul	99
19) Fluoranthene	19.26	202	665982	7.991	ng/ul	99
20) Pyrene	19.62	202	569525	6.813	ng/ul	100
21) Benzo(a)anthracene	21.37	228	345066	5.164	ng/ul	95
22) Chrysene	21.42	228	293120	3.665	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	353393m	4.296	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	123163m	1.326	ng/ul	
26) Benzo(a)pyrene	23.63	252	238299	3.449	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.16	276	140399	1.682	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.17	278	37349	0.571	ng/ul	99
29) Benzo(g,h,i)perylene	26.91	276	17648	0.228	ng/ul	95

JU 7/14/21

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