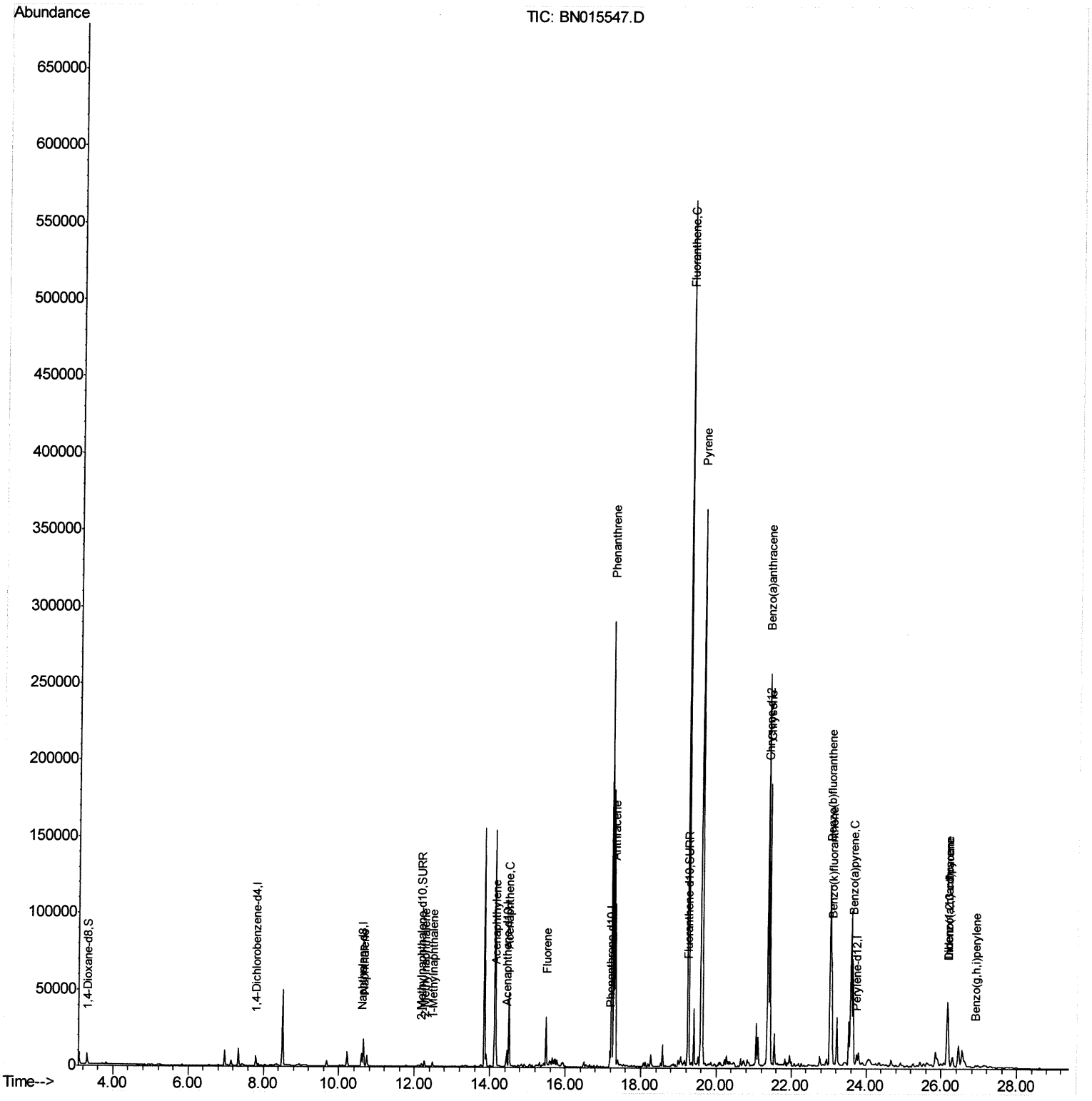
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015547.D
Acq On : 14 Jul 2021 02:55
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 14 05:39:37 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:08 PM

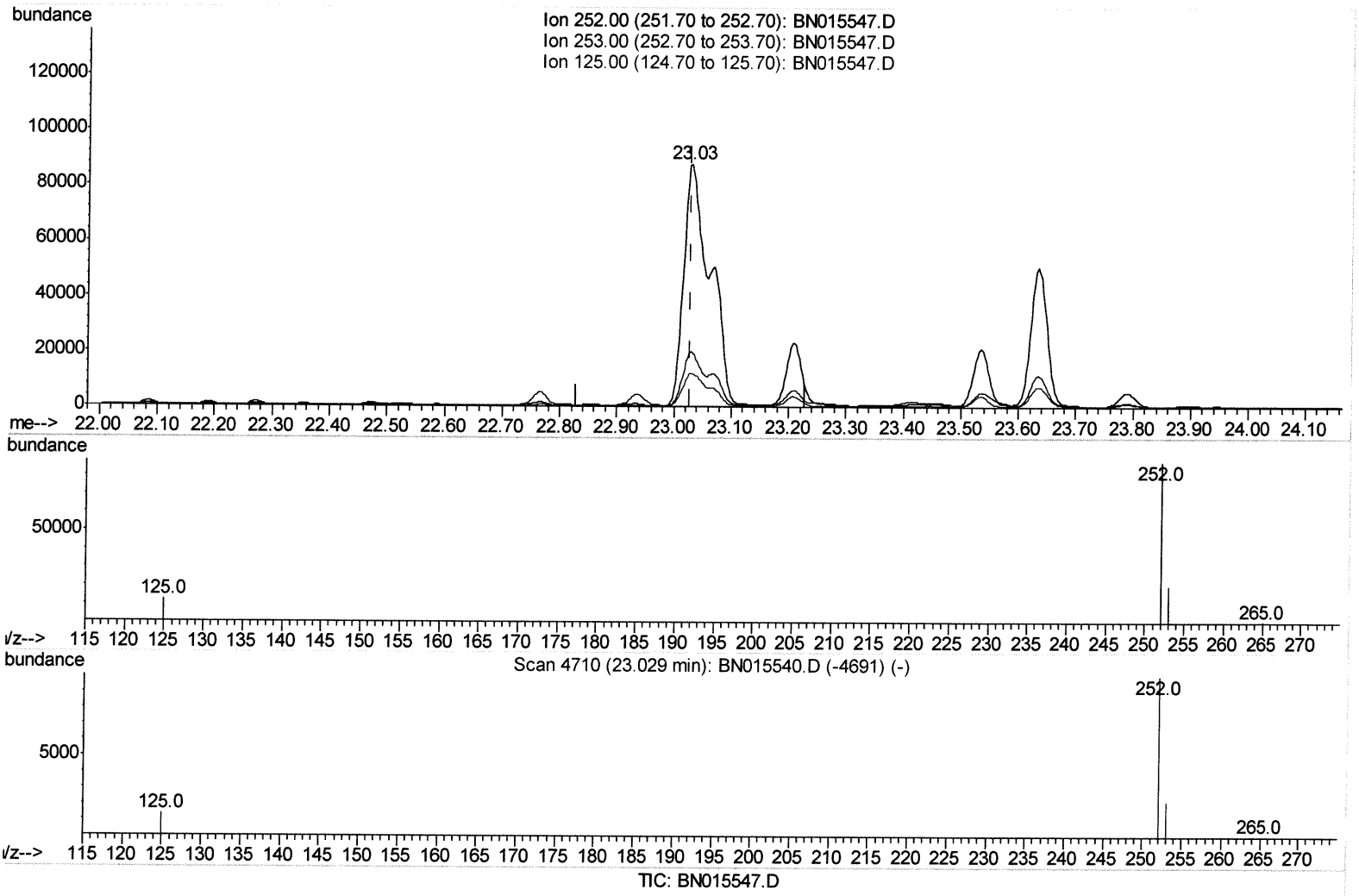


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015547.D
Acq On : 14 Jul 2021 02:55
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 14 05:38:02 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:08 PM



(24) Benzo(b)fluoranthene

23.029min (-0.000) 6.88ng/ul

response 280493

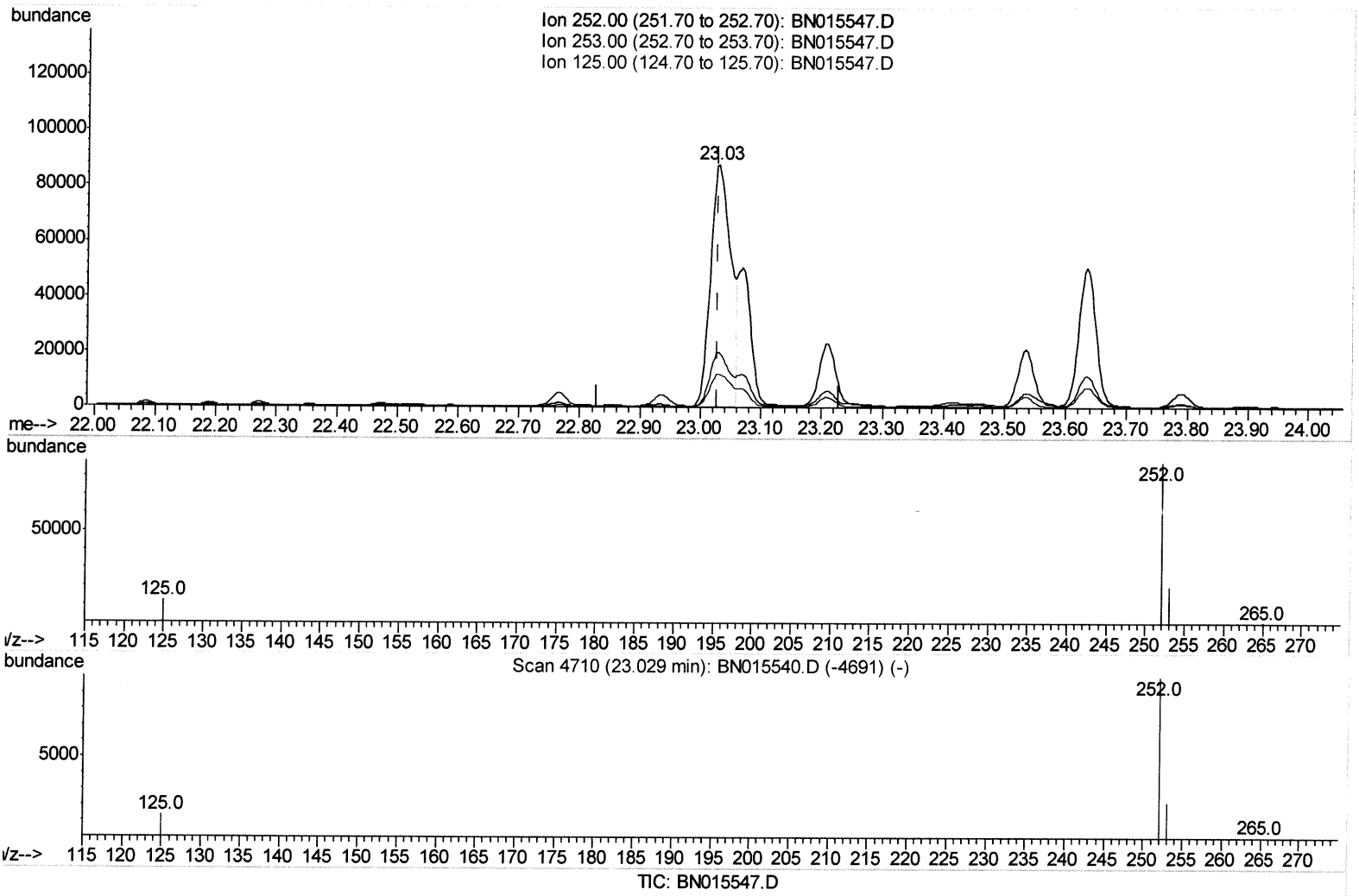
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.59
125.00	14.20	13.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015547.D
Acq On : 14 Jul 2021 02:55
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 14 05:38:02 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:08 PM



(24) Benzo(b)fluoranthene

23.029min (-0.000) 4.95ng/ul m

response 201858

JY 7/15/21

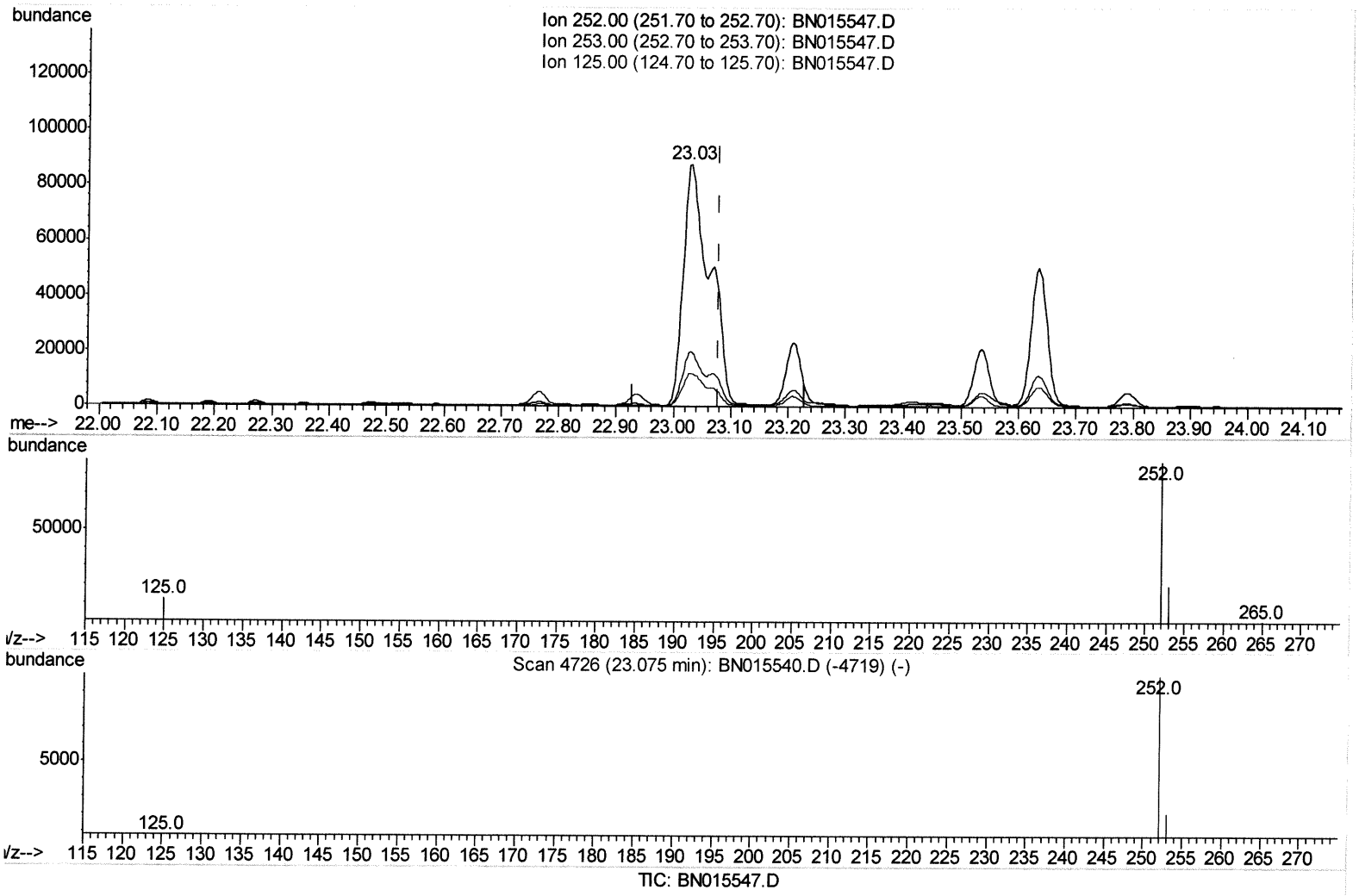
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.59
125.00	14.20	13.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015547.D
Acq On : 14 Jul 2021 02:55
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 14 05:38:02 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:08 PM



TIC: BN015547.D

(25) Benzo(k)fluoranthene

23.029min (-0.050) 6.09ng/ul

response 280493

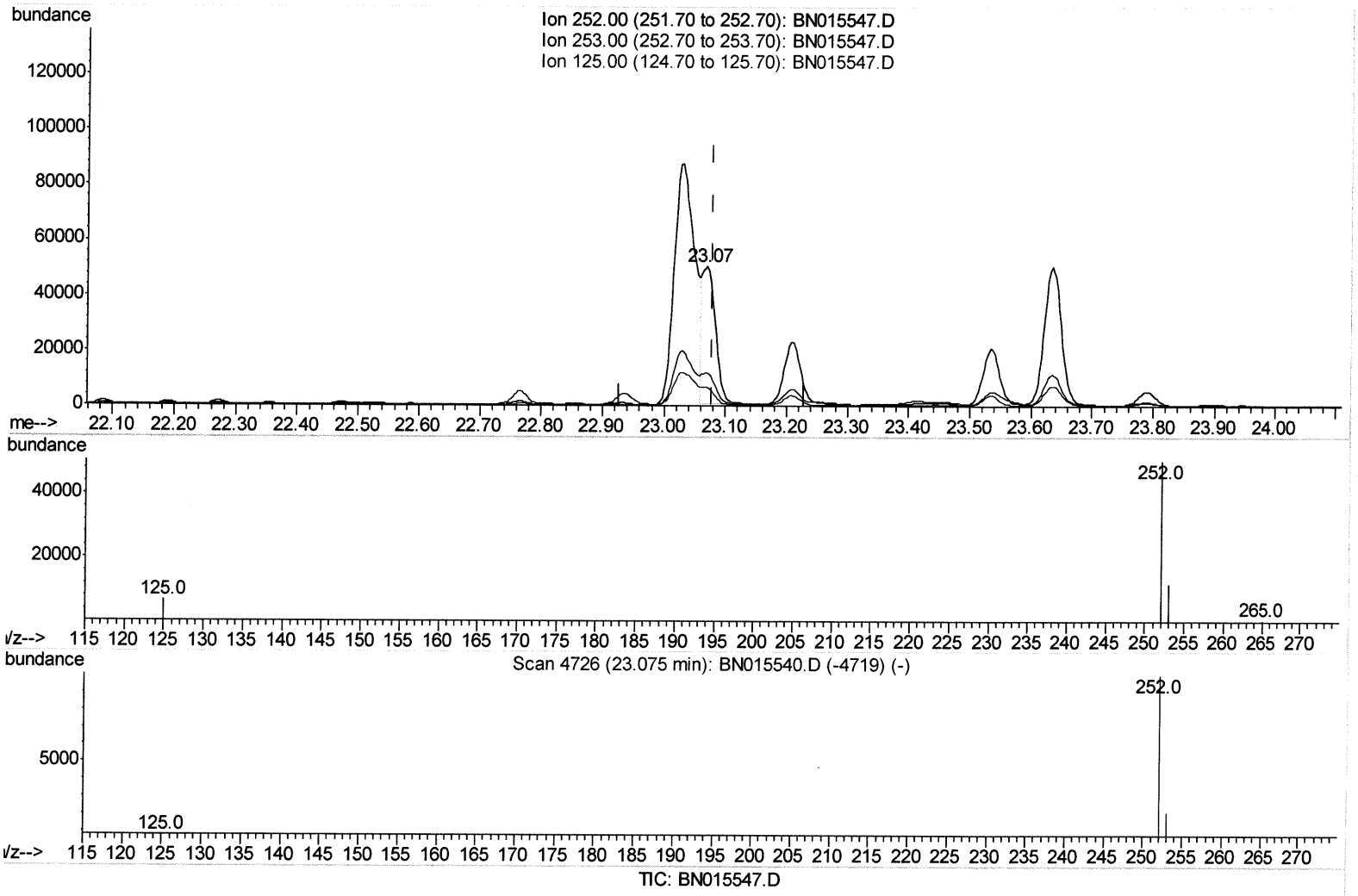
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.59
125.00	14.40	13.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015547.D
Acq On : 14 Jul 2021 02:55
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 14 05:38:02 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX0

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:08 PM



TIC: BN015547.D

(25) Benzo(k)fluoranthene

23.070min (-0.009) 1.63ng/ul m

JY 7/15/21

response 75208

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.75
125.00	14.40	13.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015547.D
Acq On : 14 Jul 2021 02:55
Operator : CG/JU
Sample : M2869-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDX0

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:08 PM

Quant Time: Jul 14 05:39:37 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3048	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	10897	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	5845	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	11642	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	9523	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	8730	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	4777	1.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	2000	0.12	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	4145	0.13	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	23959	0.689	ng/ul	99
7) 2-Methylnaphthalene	12.26	142	2575	0.113	ng/ul	99
8) 1-Methylnaphthalene	12.48	142	2077	0.094	ng/ul	99
10) Acenaphthylene	14.16	152	23438	0.776	ng/ul	99
11) Acenaphthene	14.50	153	27845	1.202	ng/ul	99
12) Fluorene	15.49	166	19858	0.776	ng/ul	97
15) Phenanthrene	17.23	178	301523	7.136	ng/ul	100
16) Anthracene	17.32	178	106490	2.858	ng/ul	99
19) Fluoranthene	19.25	202	464173	10.548	ng/ul	98
20) Pyrene	19.62	202	311119	7.049	ng/ul	99
21) Benzo(a)anthracene	21.37	228	210403	5.964	ng/ul	96
22) Chrysene	21.42	228	168211	3.983	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	201858m	4.949	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	75208m	1.634	ng/ul	
26) Benzo(a)pyrene	23.63	252	98881	2.887	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.16	276	68028	1.644	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.17	278	22543	0.695	ng/ul	96
29) Benzo(g,h,i)perylene	26.90	276	3865	0.101	ng/ul#	80

JU 7/15/21

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