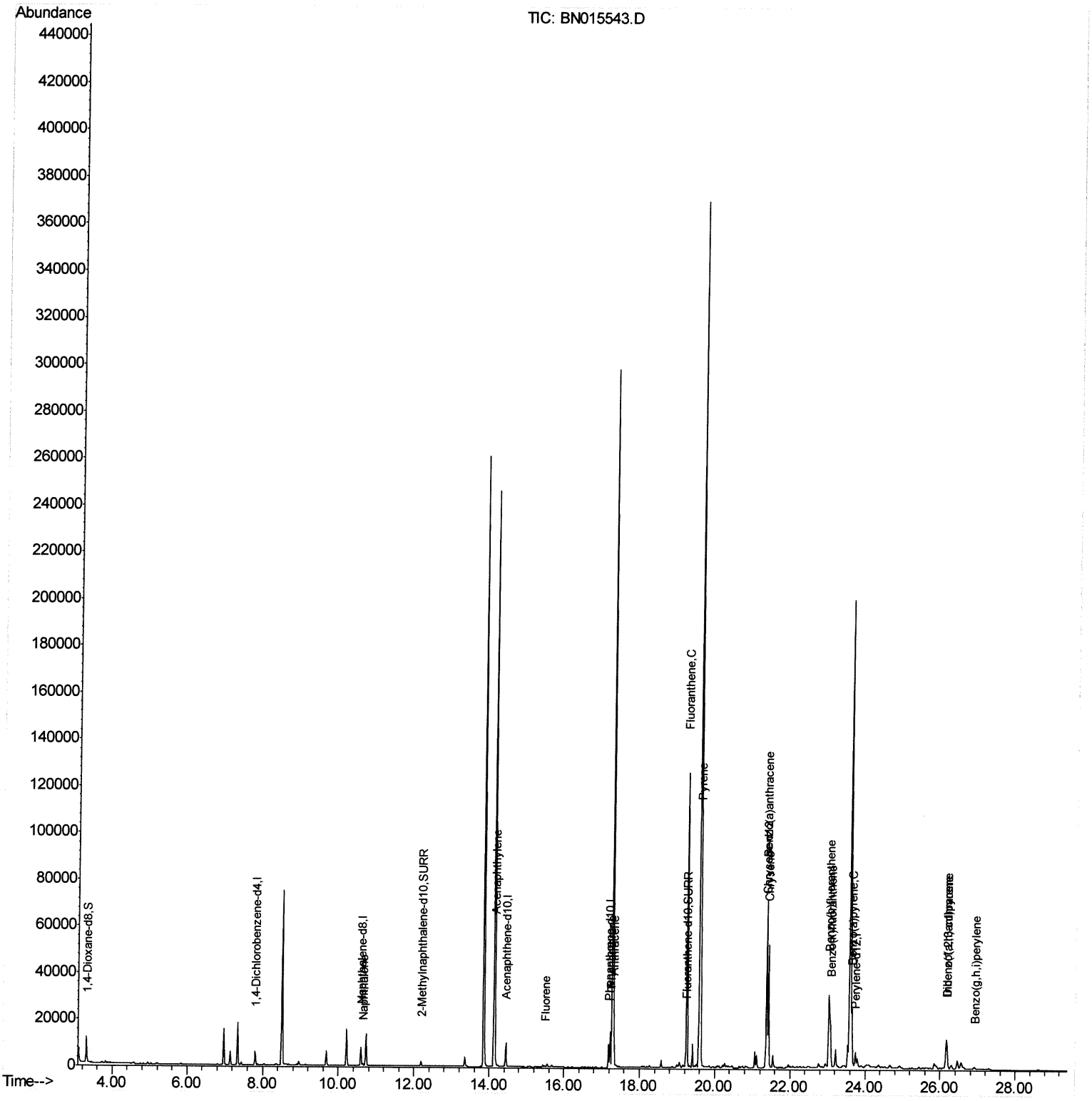
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015543.D
Acq On : 14 Jul 2021 00:31
Operator : CG/JU
Sample : M2869-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 05:31:18 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 :
BGDY8

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:56 PM

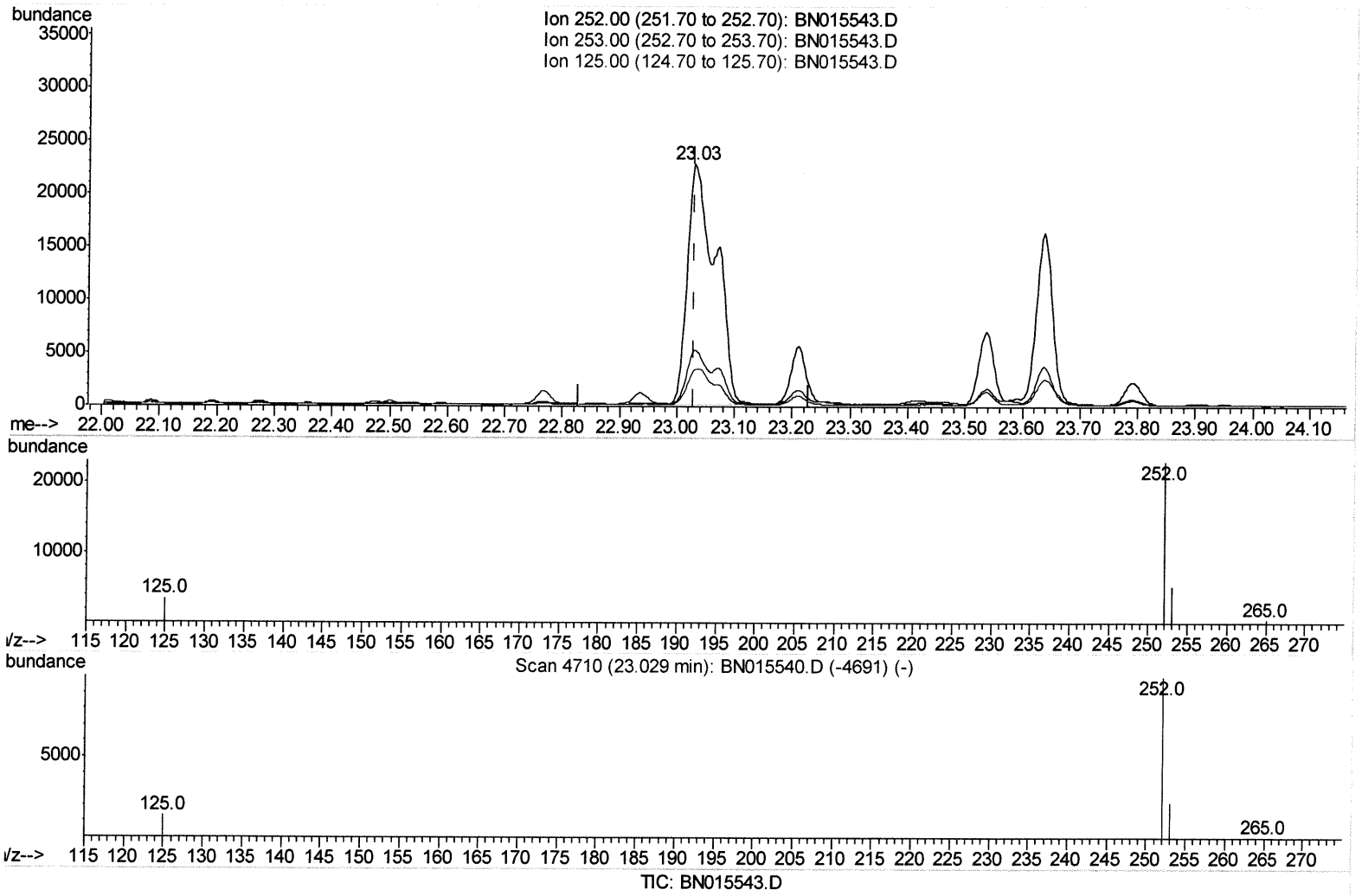


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015543.D
Acq On : 14 Jul 2021 00:31
Operator : CG/JU
Sample : M2869-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 05:29:48 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 :
BGDY8

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:56 PM



TIC: BN015543.D

(24) Benzo(b)fluoranthene

23.029min (-0.000) 2.09ng/ul

response 78038

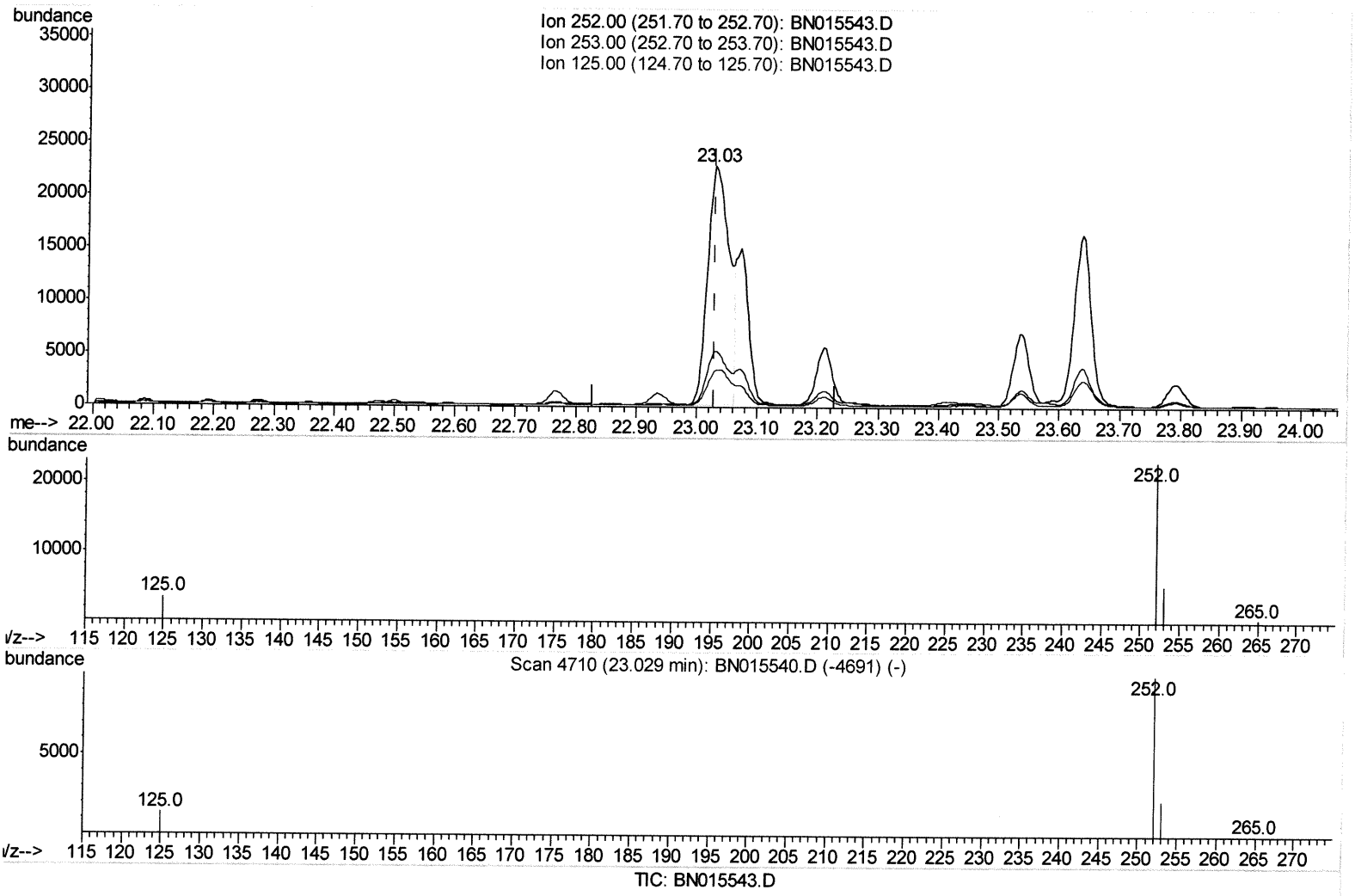
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.98
125.00	14.20	14.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015543.D
Acq On : 14 Jul 2021 00:31
Operator : CG/JU
Sample : M2869-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 05:29:48 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 :
BGDY8

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:56 PM



(24) Benzo(b)fluoranthene

23.029min (-0.000) 1.50ng/ul m

response 55958

7/15/21

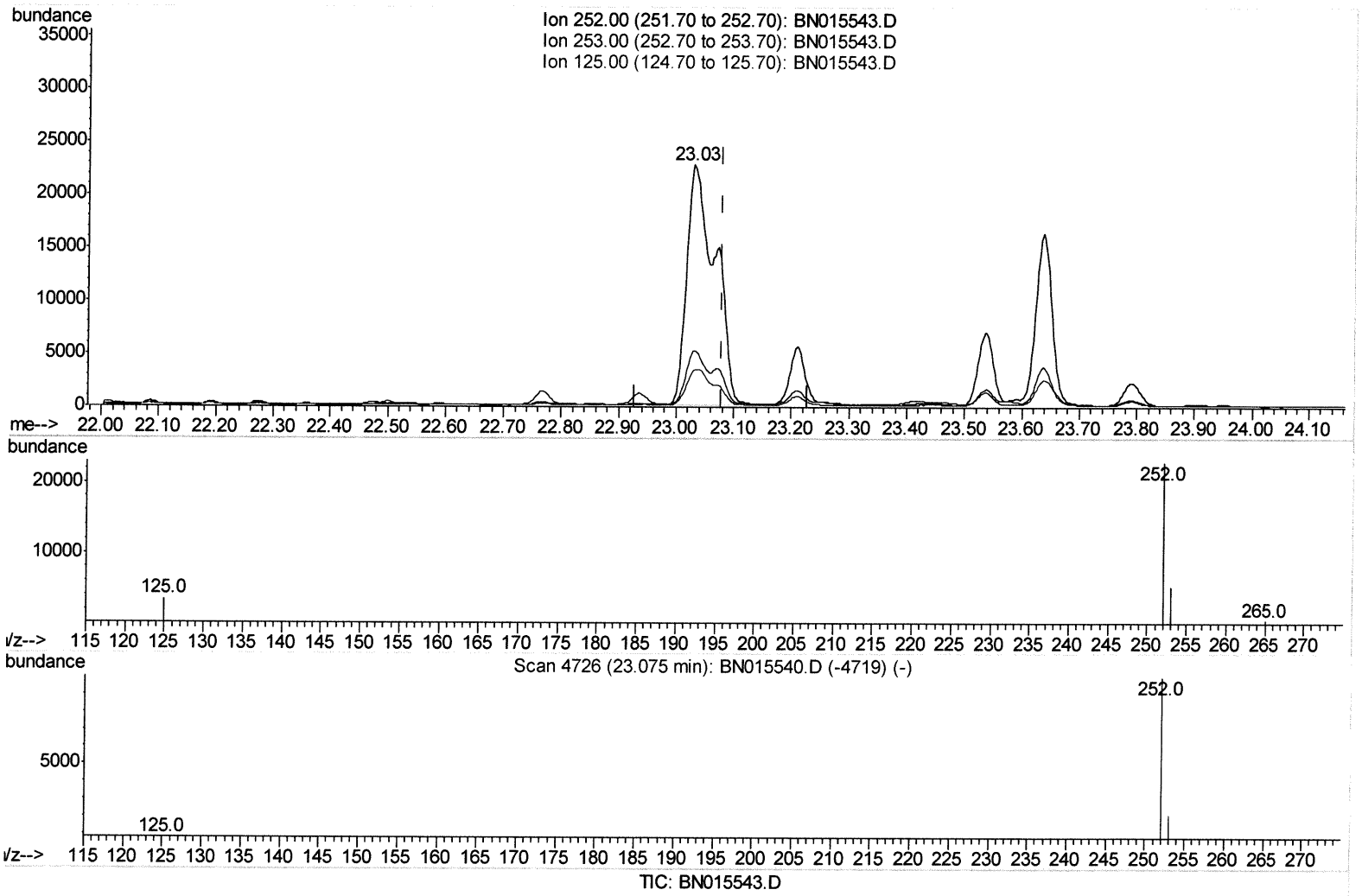
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.98
125.00	14.20	14.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015543.D
Acq On : 14 Jul 2021 00:31
Operator : CG/JU
Sample : M2869-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 05:29:48 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 :
BGDY8

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:56 PM



TIC: BN015543.D

(25) Benzo(k)fluoranthene

23.029min (-0.050) 1.85ng/ul

response 78038

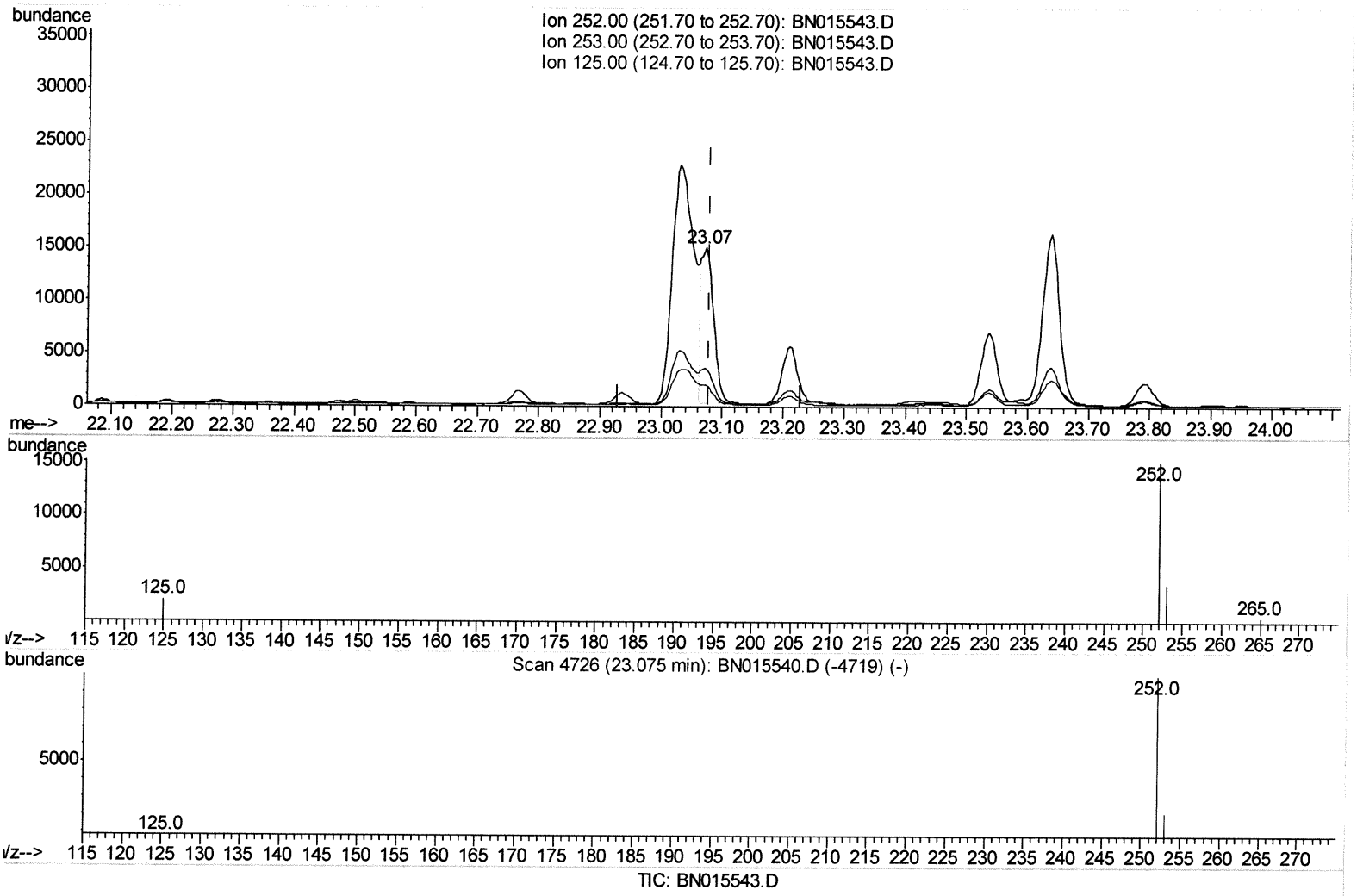
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.98
125.00	14.40	14.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015543.D
Acq On : 14 Jul 2021 00:31
Operator : CG/JU
Sample : M2869-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 14 05:29:48 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 :
BGDY8

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:56 PM



(25) Benzo(k)fluoranthene

23.073min (-0.006) 0.50ng/ul m

7/15/21

response 20906

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.98
125.00	14.40	13.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015543.D
Acq On : 14 Jul 2021 00:31
Operator : CG/JU
Sample : M2869-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDY8

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:56 PM

Quant Time: Jul 14 05:31:18 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	2936	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	10373	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	5468	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	10723	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	8916	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	7982	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7572	2.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	2941	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	6126	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	1189	0.036	ng/ul#	87
10) Acenaphthylene	14.16	152	2768	0.098	ng/ul	96
12) Fluorene	15.49	166	490	0.020	ng/ul#	91
15) Phenanthrene	17.23	178	16592	0.426	ng/ul	99
16) Anthracene	17.32	178	13366	0.390	ng/ul	100
19) Fluoranthene	19.26	202	106245	2.579	ng/ul	99
20) Pyrene	19.62	202	75558	1.829	ng/ul	98
21) Benzo(a)anthracene	21.37	228	59644	1.806	ng/ul	96
22) Chrysene	21.42	228	48386	1.224	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	55958m	1.501	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	20906m	0.497	ng/ul	
26) Benzo(a)pyrene	23.64	252	31866	1.017	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.16	276	19655	0.520	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.18	278	6527	0.220	ng/ul	92
29) Benzo(g,h,i)perylene	26.91	276	2289	0.065	ng/ul#	83

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