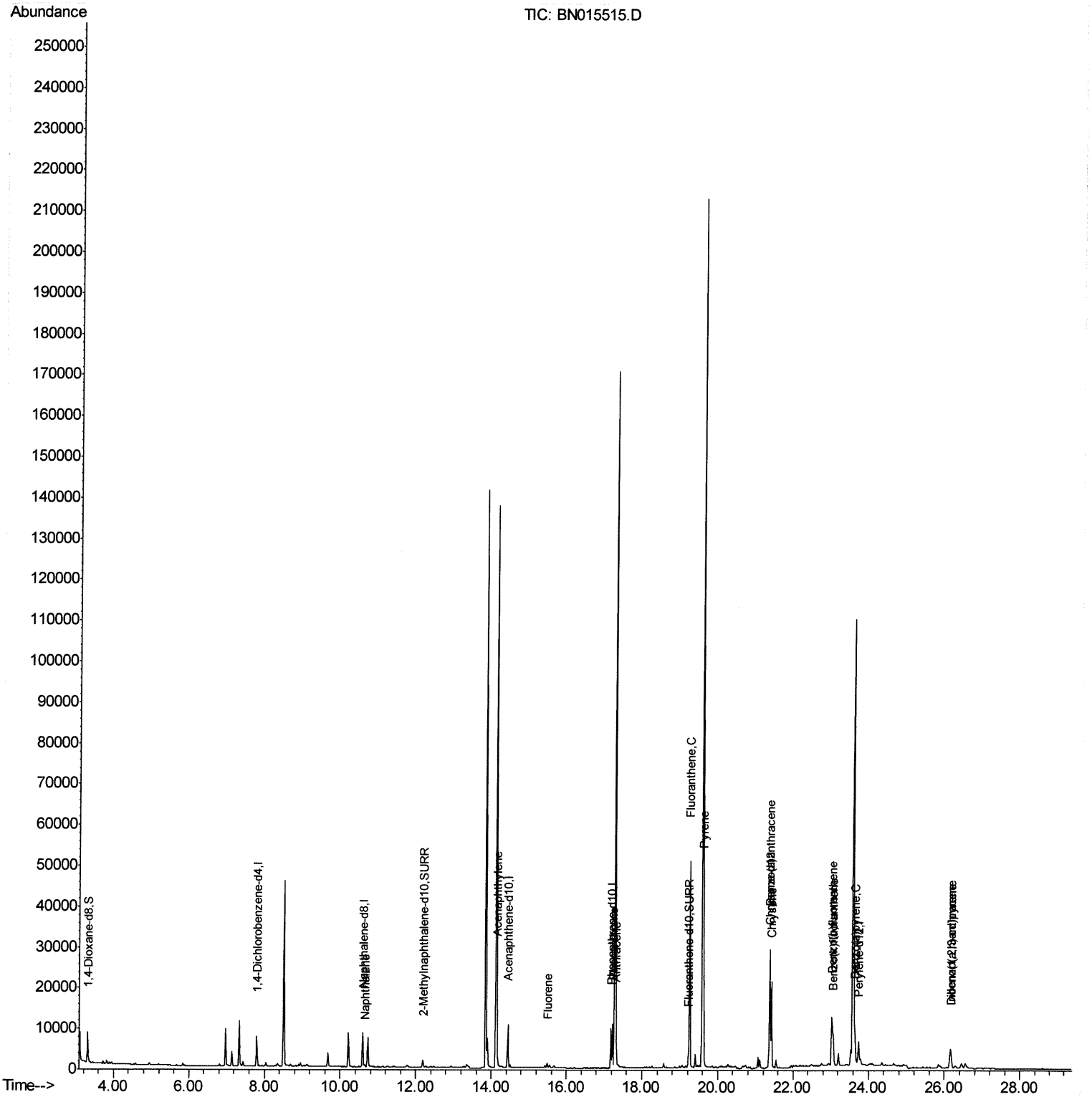
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015515.D
Acq On : 13 Jul 2021 07:01
Operator : CG/JU
Sample : M2869-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 13 07:40:00 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 Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDY3

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:32 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015515.D
Acq On : 13 Jul 2021 07:01
Operator : CG/JU
Sample : M2869-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 13 07:36:43 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 Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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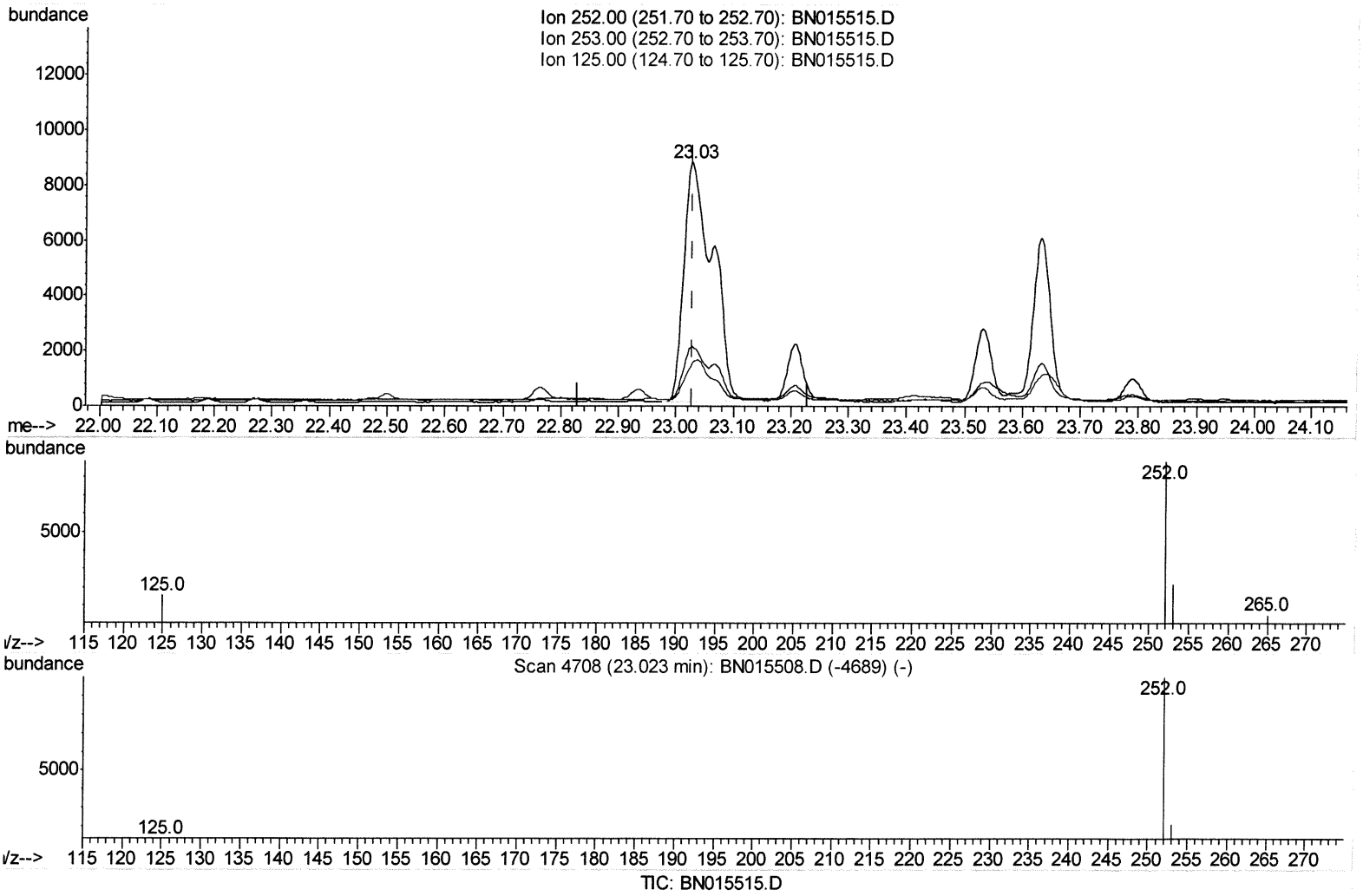

TIC: BN015515.D

(24) Benzo(b)fluoranthene

23.028min (-0.001) 0.81ng/ul

response 30517

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.45
125.00	14.20	17.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015515.D
Acq On : 13 Jul 2021 07:01
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Misc :
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BNA_N
ClientSampleId :
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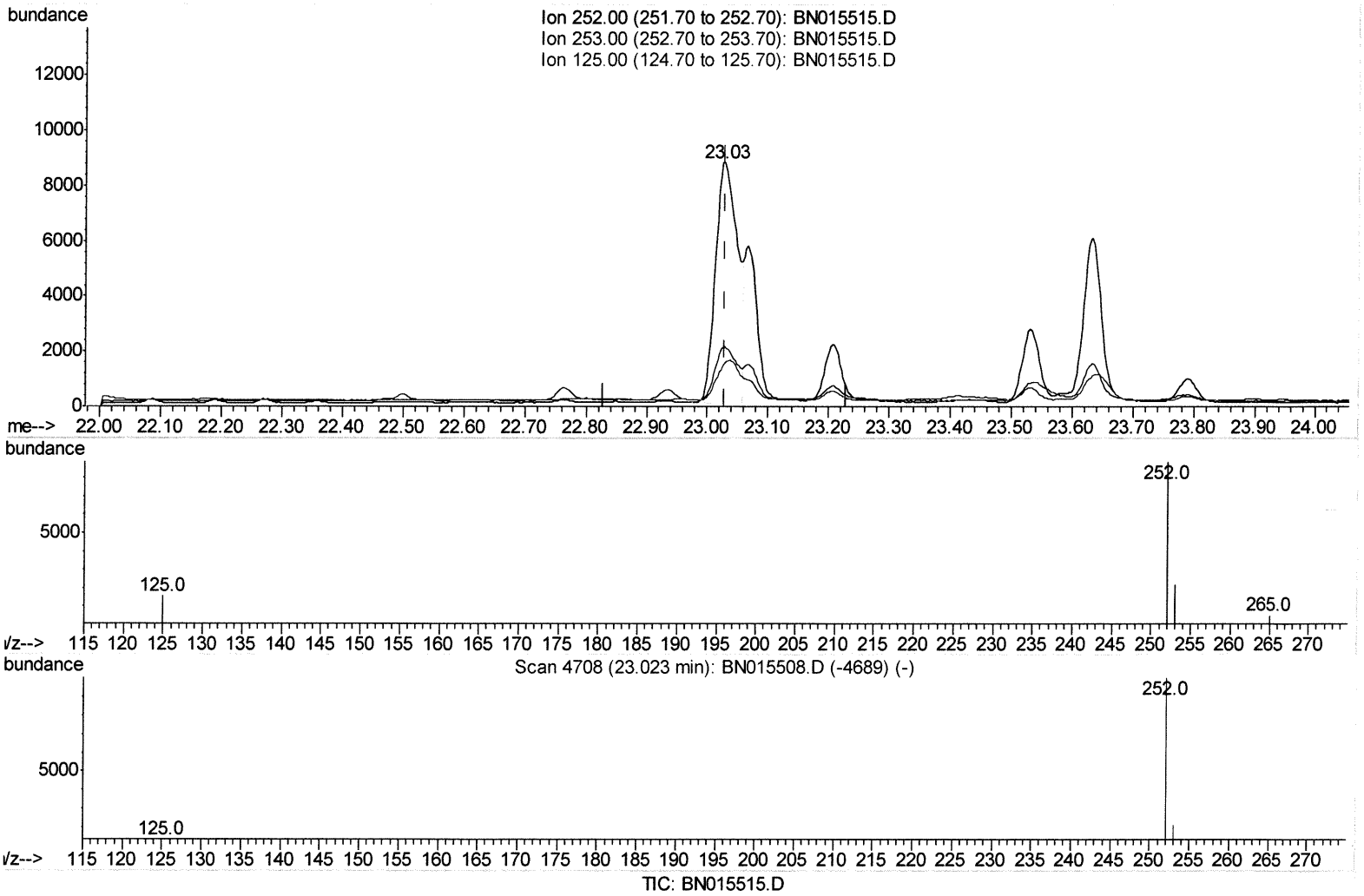
Manual Integrations APPROVED
mohammad
7/13/2021 1:45:32 PM



TIC: BN015515.D

(24) Benzo(b)fluoranthene

23.028min (-0.001) 0.57ng/ul m

7/14/21

response 21690

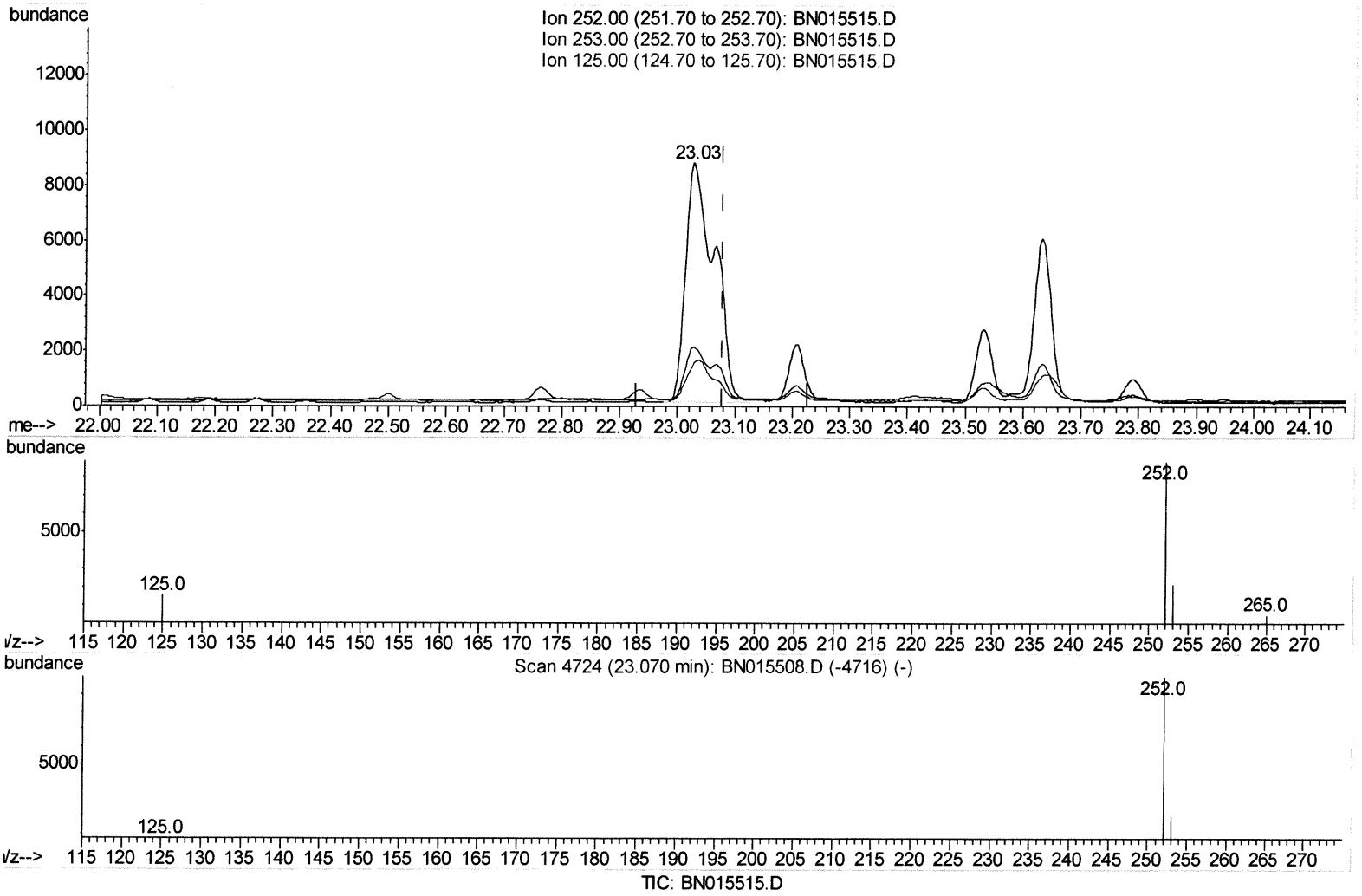
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.45
125.00	14.20	17.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015515.D
Acq On : 13 Jul 2021 07:01
Operator : CG/JU
Sample : M2869-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 13 07:38:56 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 Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDY3

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:32 PM



TIC: BN015515.D

(25) Benzo(k)fluoranthene

23.028min (-0.051) 0.71ng/ul

response 30517

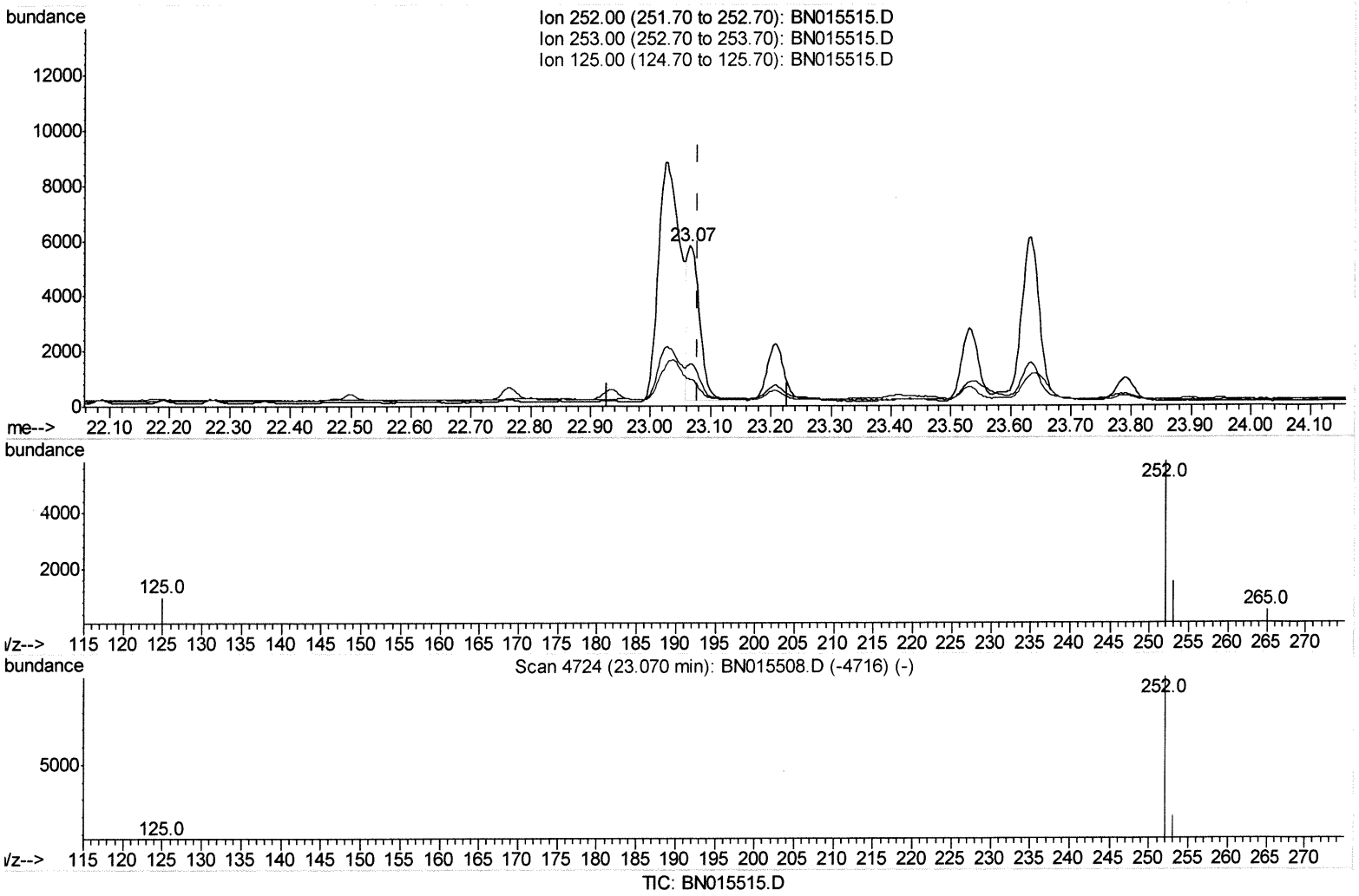
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.45
125.00	14.40	17.61#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015515.D
Acq On : 13 Jul 2021 07:01
Operator : CG/JU
Sample : M2869-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 13 07:38:56 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 Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDY3

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:32 PM



TIC: BN015515.D

(25) Benzo(k)fluoranthene

23.066min (-0.013) 0.20ng/ul m

7/14/21

response 8485

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.47
125.00	14.40	16.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015515.D
Acq On : 13 Jul 2021 07:01
Operator : CG/JU
Sample : M2869-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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Quant Time: Jul 13 07:40:00 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3479	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	11453	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	5691	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	10807	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	8888	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	8113	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	5044	1.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	2225	0.12	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	4184	0.14	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	862	0.024	ng/ul#	79
10) Acenaphthylene	14.16	152	1002	0.034	ng/ul#	85
12) Fluorene	15.49	166	793	0.032	ng/ul#	93
15) Phenanthrene	17.23	178	11425	0.291	ng/ul	99
16) Anthracene	17.32	178	6277	0.182	ng/ul	98
19) Fluoranthene	19.25	202	42028	1.023	ng/ul	99
20) Pyrene	19.62	202	31257	0.759	ng/ul	99
21) Benzo(a)anthracene	21.37	228	22645	0.688	ng/ul	96
22) Chrysene	21.42	228	19974	0.507	ng/ul	99
24) Benzo(b)fluoranthene	23.03	252	21690m	0.572	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	8485m	0.198	ng/ul	
26) Benzo(a)pyrene	23.63	252	12263	0.385	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.16	276	7581	0.197	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.17	278	2341	0.078	ng/ul#	75

JU 7/14/21

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