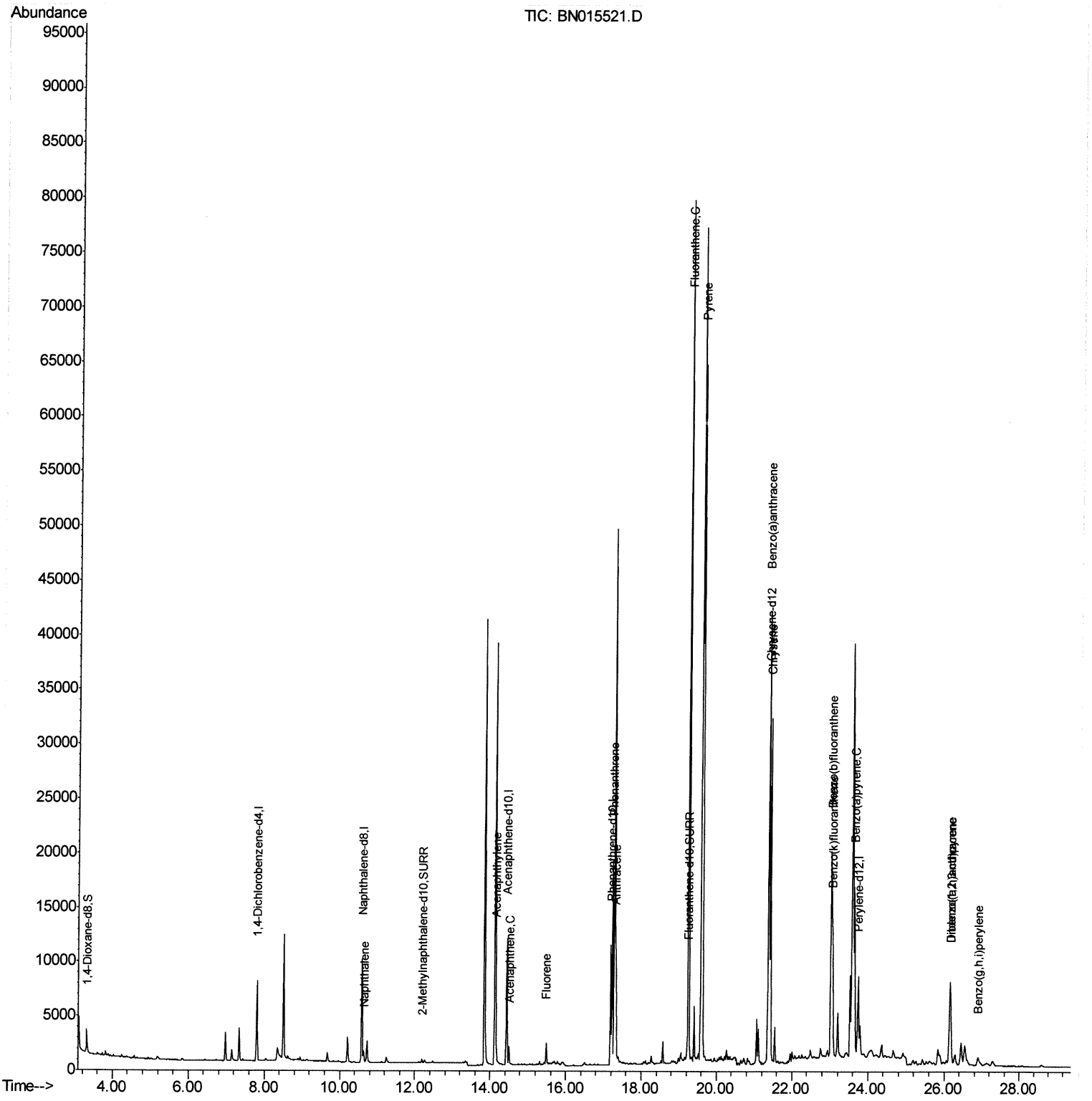
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015521.D
Acq On : 13 Jul 2021 10:37
Operator : CG/JU
Sample : M2808-16DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 13 11:24:37 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDW5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:48 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015521.D
Acq On : 13 Jul 2021 10:37
Operator : CG/JU
Sample : M2808-16DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 13 11:23:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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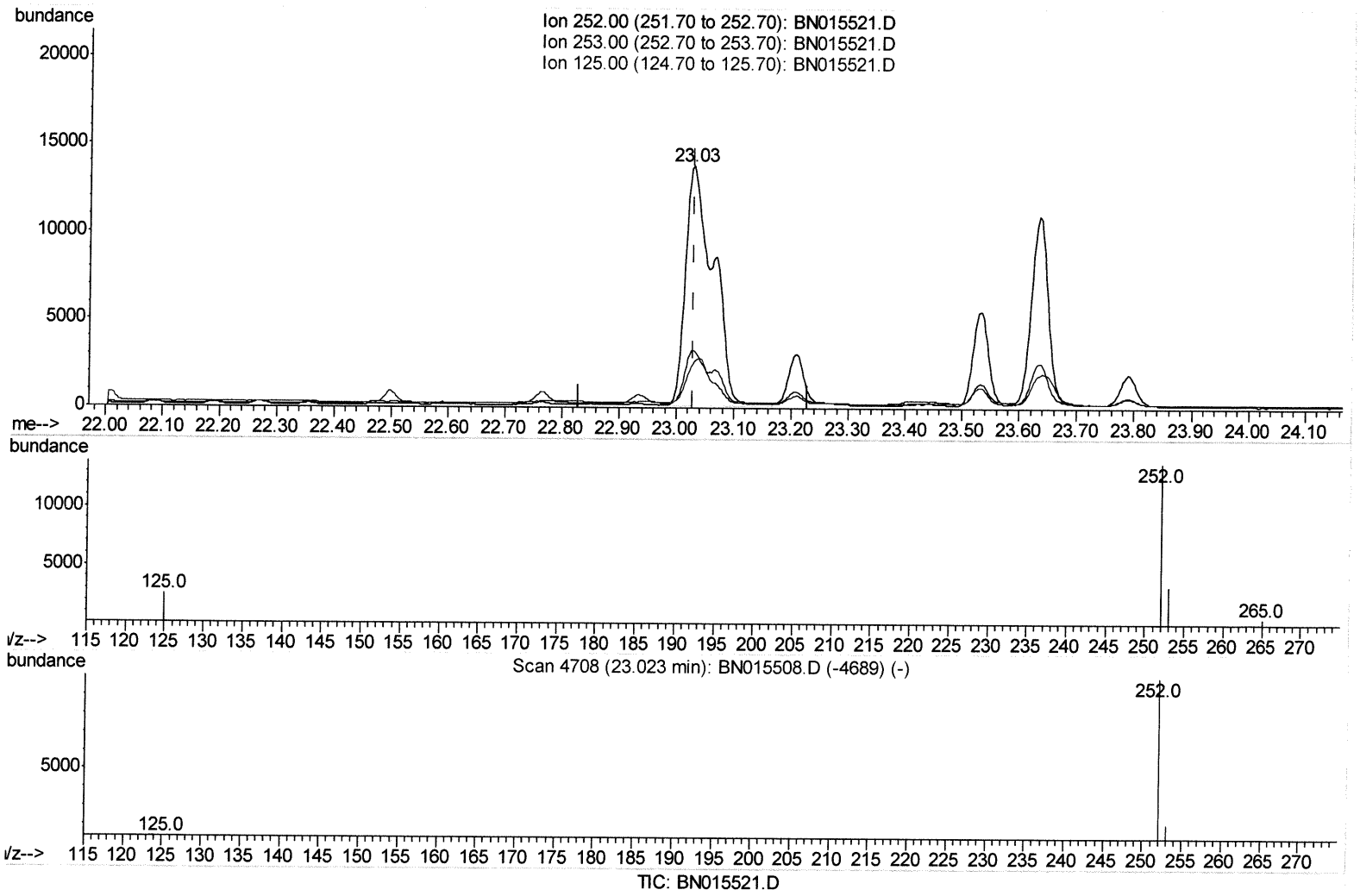

(24) Benzo(b)fluoranthene

23.029min (-0.000) 1.01ng/ul

response 45704

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.47
125.00	14.20	18.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 13 11:23:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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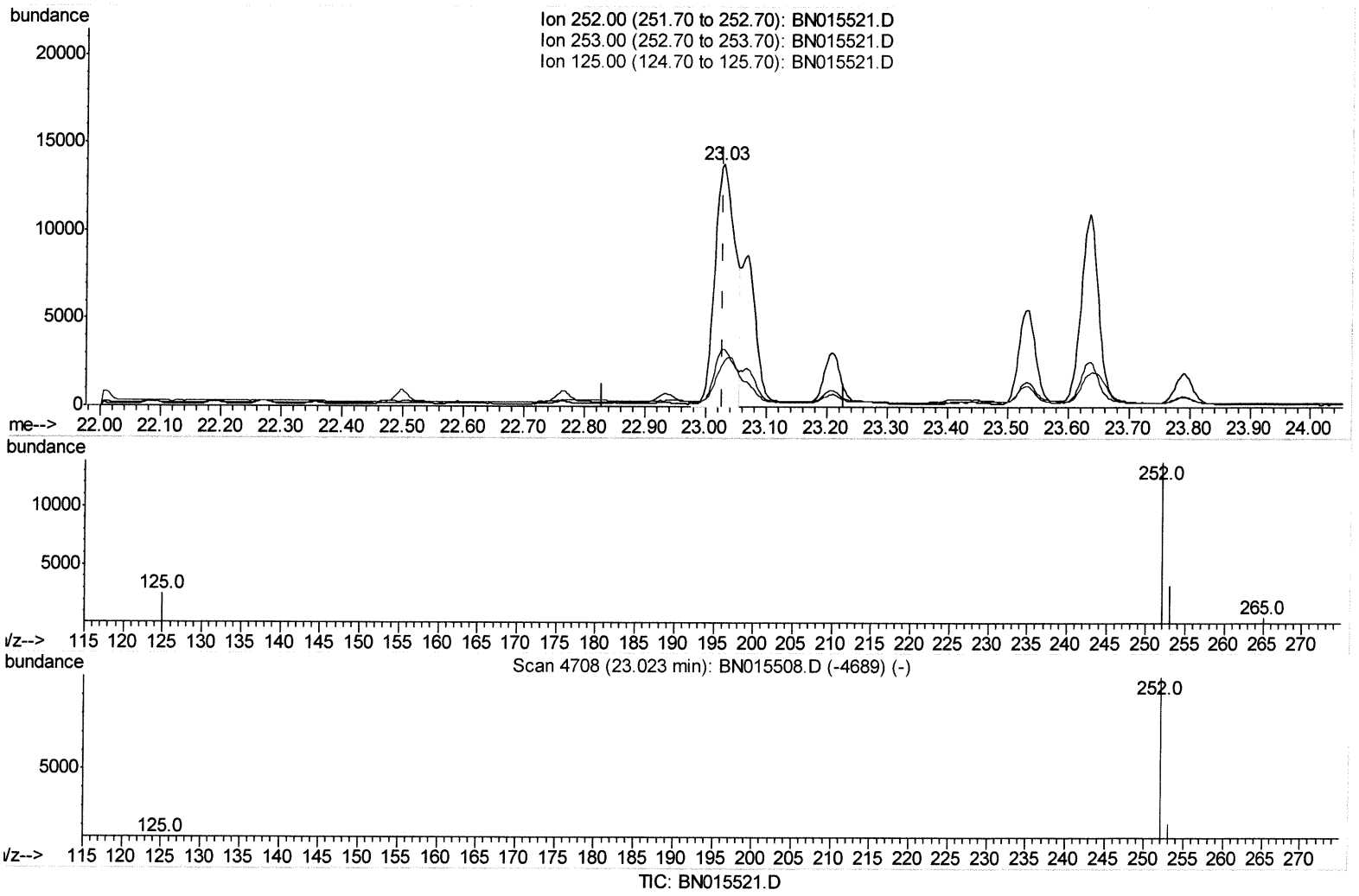
BNA_N
ClientSampleId :
BGDW5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:48 PM



(24) Benzo(b)fluoranthene

23.029min (-0.000) 0.71ng/ul m

JG 7/14/21

response 32076

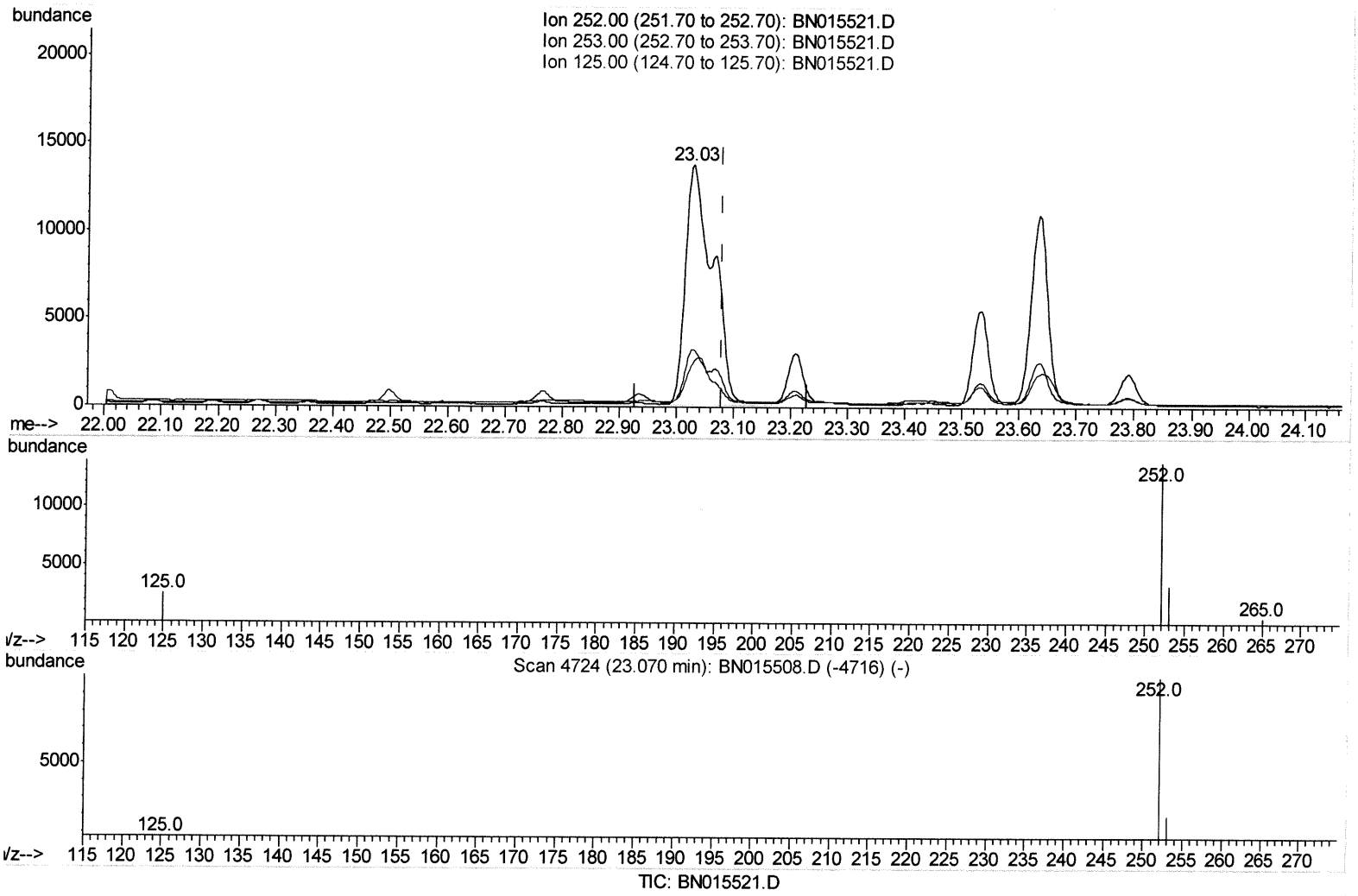
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.47
125.00	14.20	18.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015521.D
Acq On : 13 Jul 2021 10:37
Operator : CG/JU
Sample : M2808-16DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 13 11:23:39 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 :
BGDW5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:48 PM



TIC: BN015521.D

(25) Benzo(k)fluoranthene

23.029min (-0.050) 0.89ng/ul

response 45704

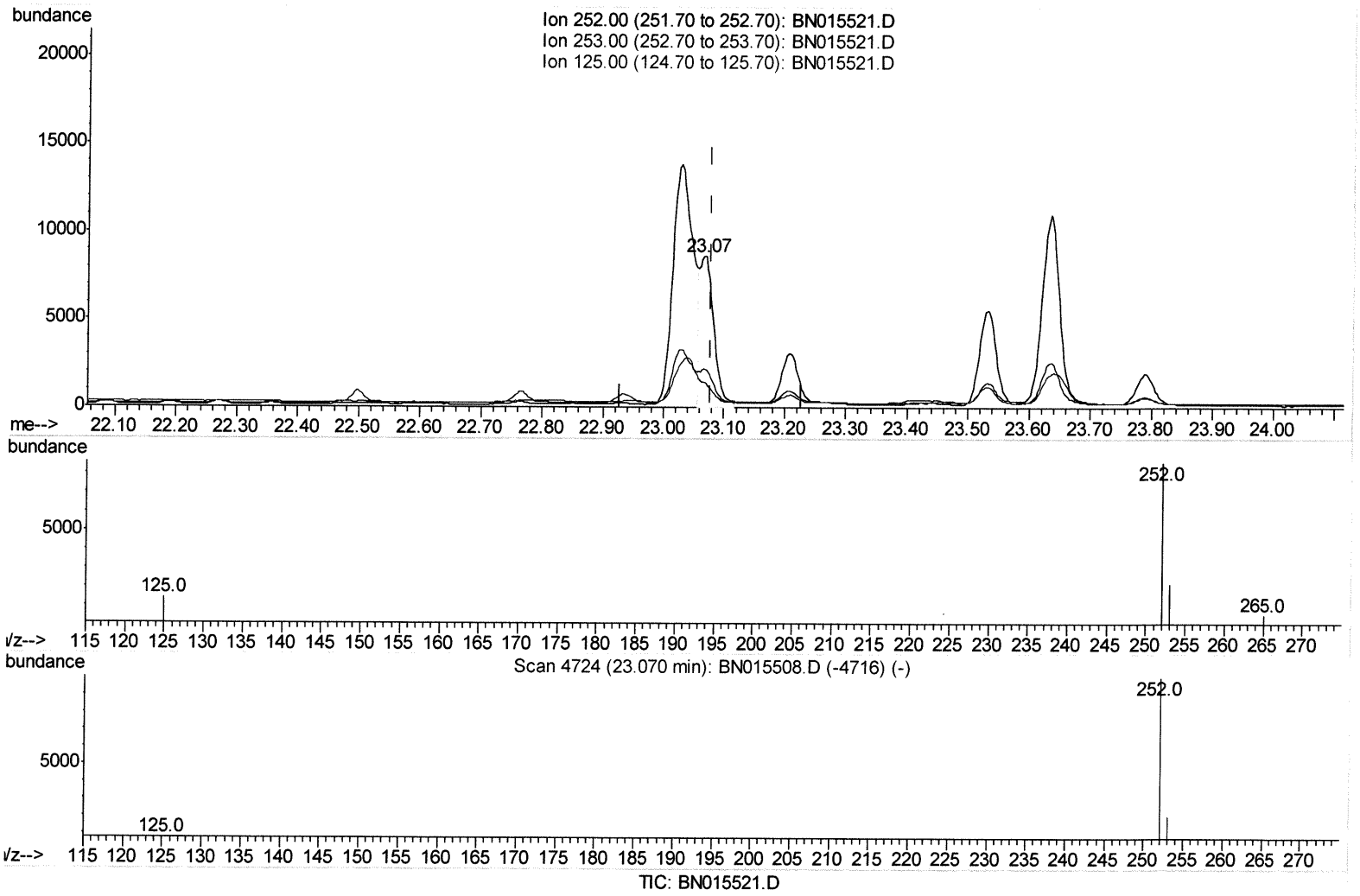
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.47
125.00	14.40	18.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015521.D
Acq On : 13 Jul 2021 10:37
Operator : CG/JU
Sample : M2808-16DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 13 11:23:39 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 :
BGDW5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:48 PM



(25) Benzo(k)fluoranthene

23.070min (-0.009) 0.29ng/ul m JU 7/16/21

response 14614

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.16
125.00	14.40	16.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015521.D
Acq On : 13 Jul 2021 10:37
Operator : CG/JU
Sample : M2808-16DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDW5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:48 PM

Quant Time: Jul 13 11:24:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3689	0.40 ng/ul	0.00
4) Naphthalene-d8	10.59	136	12505	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.44	164	6344	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.19	188	12668	0.40 ng/ul	0.00
17) Chrysene-d12	21.39	240	10939	0.40 ng/ul	0.00
23) Perylene-d12	23.74	264	9701	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.31	96	1532	0.37 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	421	0.02 ng/ul	0.00
18) Fluoranthene-d10	19.22	212	951	0.03 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.64	128	1439	0.036 ng/ul#	88
10) Acenaphthylene	14.16	152	2087	0.064 ng/ul#	92
11) Acenaphthene	14.51	153	966	0.038 ng/ul	95
12) Fluorene	15.49	166	1314	0.047 ng/ul#	97
15) Phenanthrene	17.23	178	20462	0.445 ng/ul	100
16) Anthracene	17.32	178	10638	0.262 ng/ul	99
19) Fluoranthene	19.25	202	65396	1.294 ng/ul	98
20) Pyrene	19.61	202	50242	0.991 ng/ul	99
21) Benzo(a)anthracene	21.37	228	34024	0.840 ng/ul	97
22) Chrysene	21.42	228	29740	0.613 ng/ul	99
24) Benzo(b)fluoranthene	23.03	252	32076m	0.708 ng/ul	
25) Benzo(k)fluoranthene	23.07	252	14614m	0.286 ng/ul	
26) Benzo(a)pyrene	23.63	252	21744	0.571 ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.16	276	12494	0.272 ng/ul#	95
28) Dibenzo(a,h)anthracene	26.17	278	3461	0.096 ng/ul#	82
29) Benzo(g,h,i)perylene	26.90	276	1816	0.043 ng/ul#	79

JU 7/14/21

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