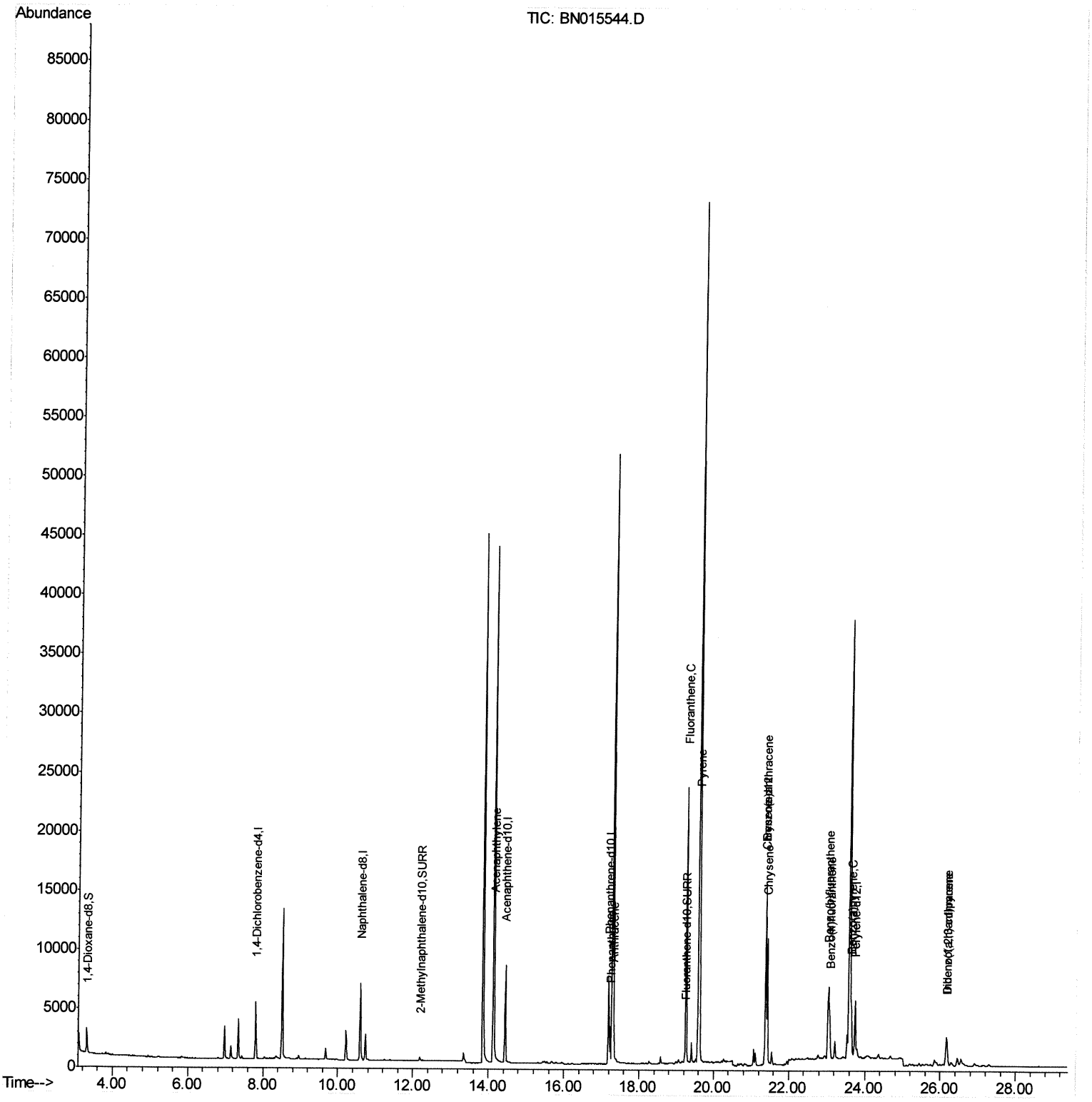
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015544.D
Acq On : 14 Jul 2021 01:07
Operator : CG/JU
Sample : M2869-18DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 14 05:33:11 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 :
BGDY8DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:59 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015544.D
Acq On : 14 Jul 2021 01:07
Operator : CG/JU
Sample : M2869-18DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 14 05:31:53 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
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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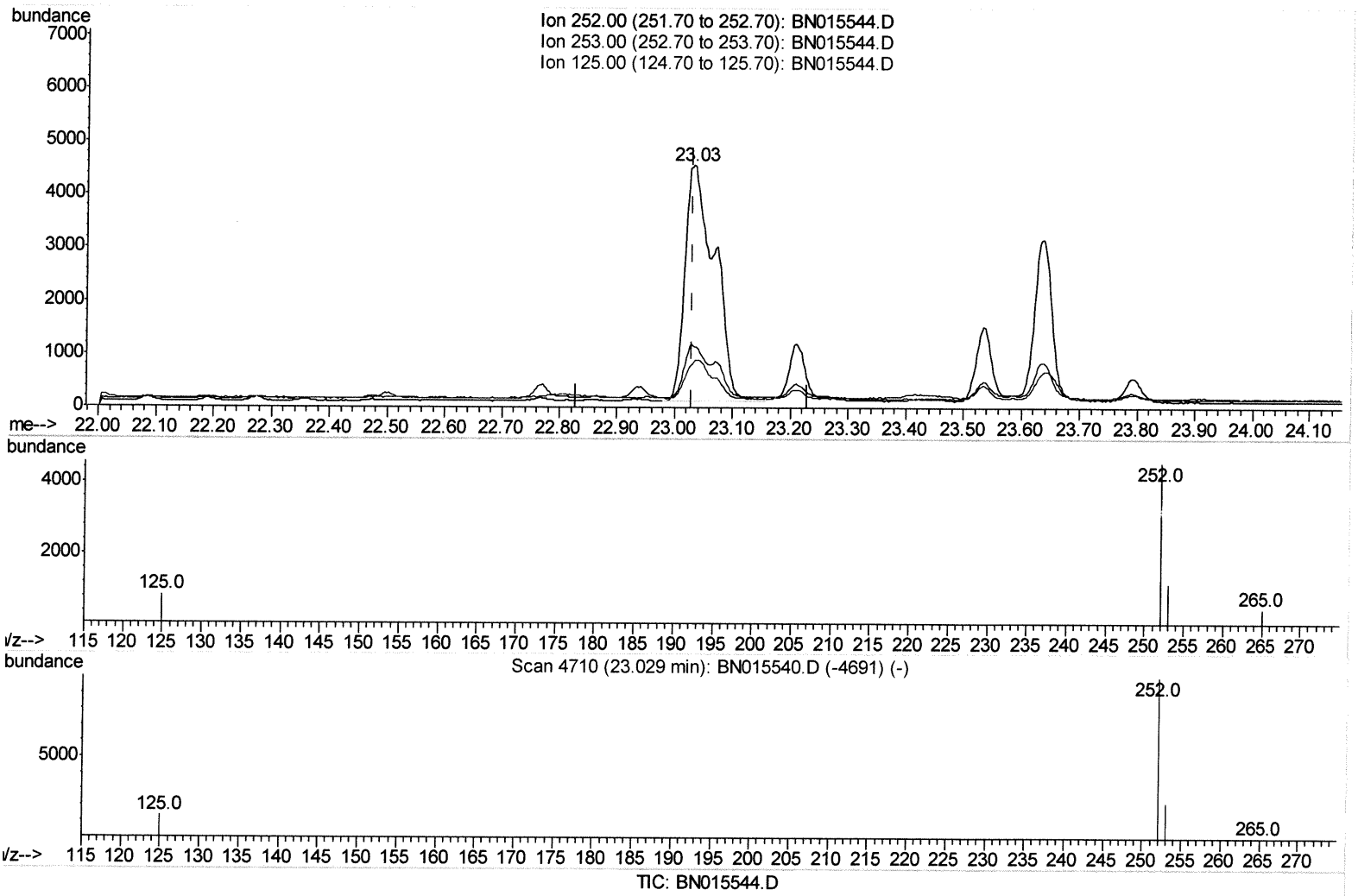

TIC: BN015544.D

(24) Benzo(b)fluoranthene

23.031min (+0.002) 0.52ng/ul

response 15861

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	25.70
125.00	14.20	18.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
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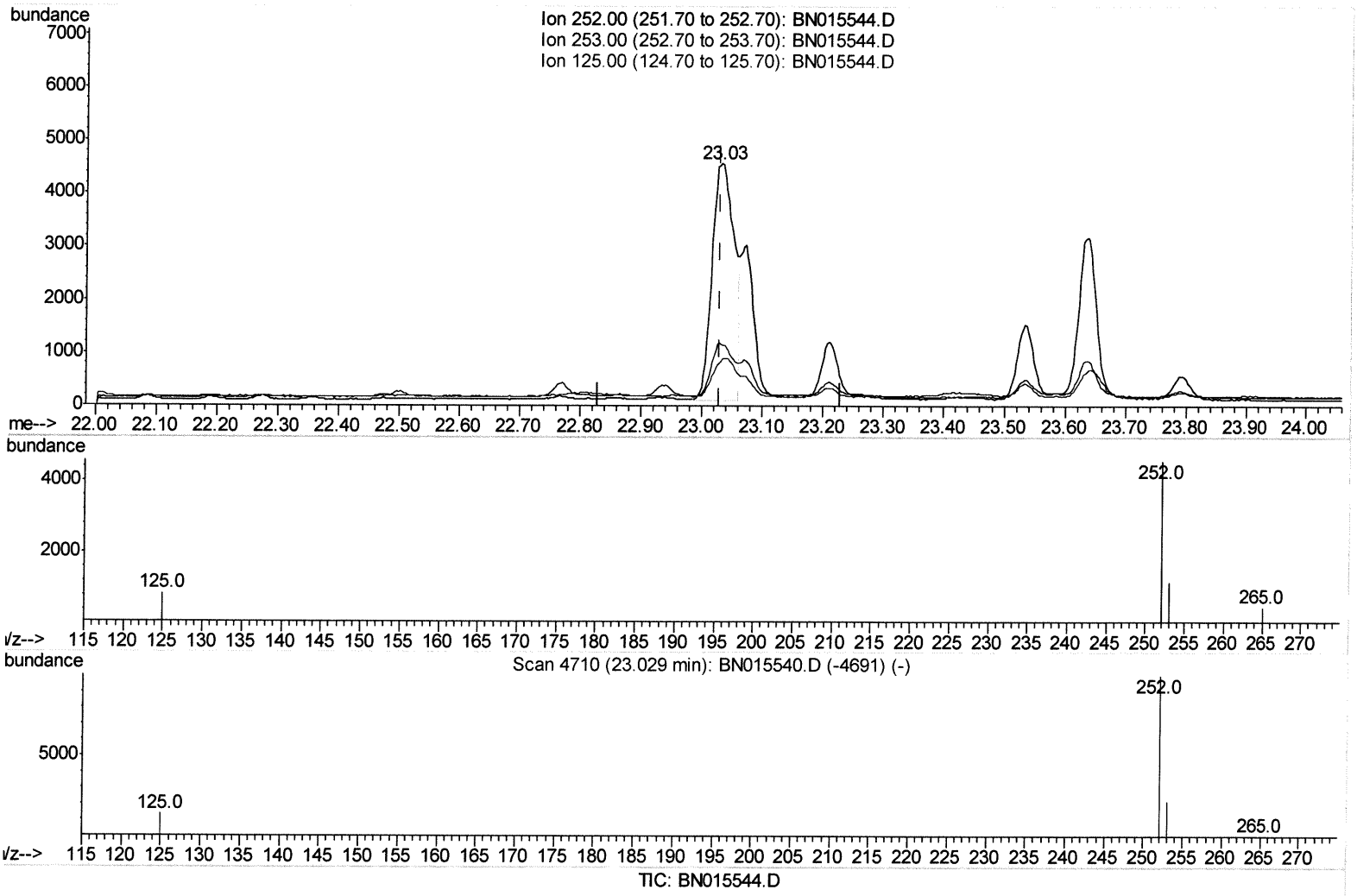
Manual Integrations APPROVED
mohammad
7/14/2021 12:14:59 PM



(24) Benzo(b)fluoranthene

23.031min (+0.002) 0.38ng/ul m

JJ 7/15/21

response 11411

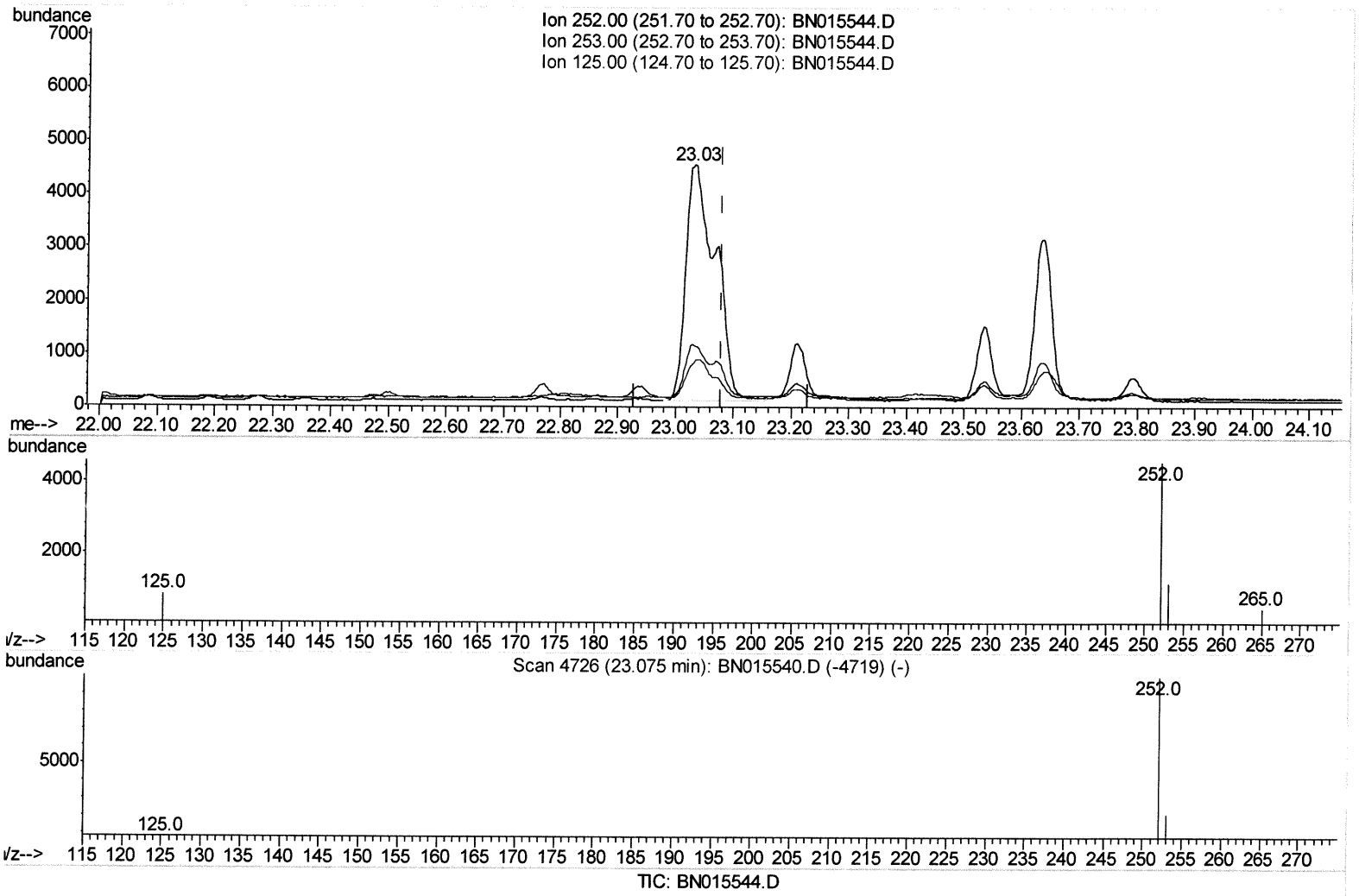
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	25.70
125.00	14.20	18.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015544.D
Acq On : 14 Jul 2021 01:07
Operator : CG/JU
Sample : M2869-18DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 14 05:31:53 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 :
BGDY8DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:59 PM



TIC: BN015544.D

(25) Benzo(k)fluoranthene

23.031min (-0.048) 0.47ng/ul

response 15861

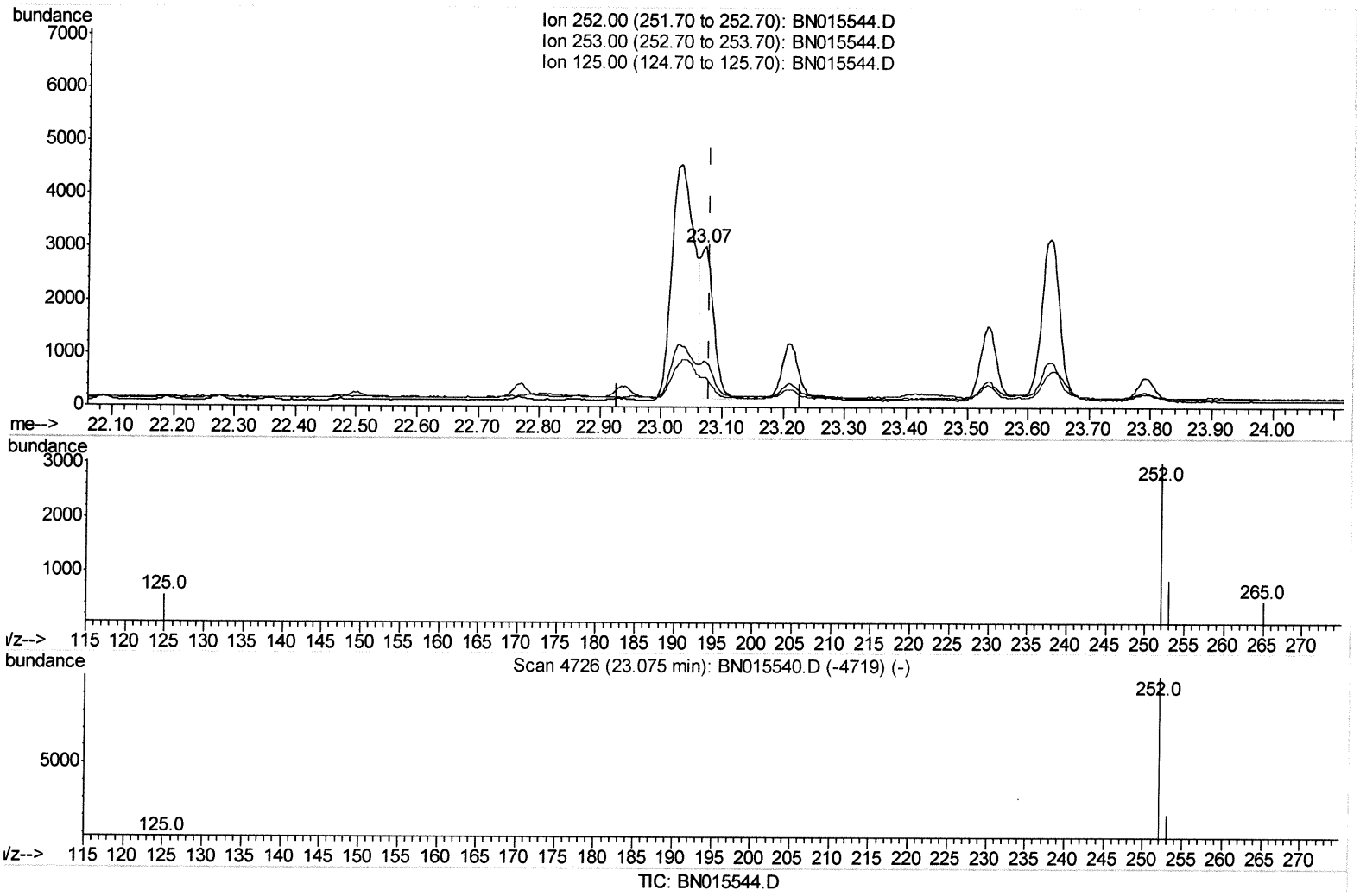
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.70
125.00	14.40	18.27#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015544.D
Acq On : 14 Jul 2021 01:07
Operator : CG/JU
Sample : M2869-18DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 14 05:31:53 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 :
BGDY8DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:59 PM



TIC: BN015544.D

(25) Benzo(k)fluoranthene

23.072min (-0.007) 0.13ng/ul m

JU 7/15/21

response 4341

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	27.94#
125.00	14.40	18.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015544.D
Acq On : 14 Jul 2021 01:07
Operator : CG/JU
Sample : M2869-18DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDY8DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:59 PM

Quant Time: Jul 14 05:33:11 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	2482	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	8735	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	4531	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	8588	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	7236	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	6467	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	1527	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	439	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	882	0.04	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.16	152	628	0.027	ng/ul#	79
15) Phenanthrene	17.23	178	3348	0.107	ng/ul	96
16) Anthracene	17.33	178	2729	0.099	ng/ul	94
19) Fluoranthene	19.26	202	20175	0.603	ng/ul	99
20) Pyrene	19.62	202	15484	0.462	ng/ul	99
21) Benzo(a)anthracene	21.37	228	11796	0.440	ng/ul	95
22) Chrysene	21.42	228	10309	0.321	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	11411m	0.378	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	4341m	0.127	ng/ul	
26) Benzo(a)pyrene	23.64	252	6317	0.249	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.16	276	3869	0.126	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.18	278	1231	0.051	ng/ul#	67

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