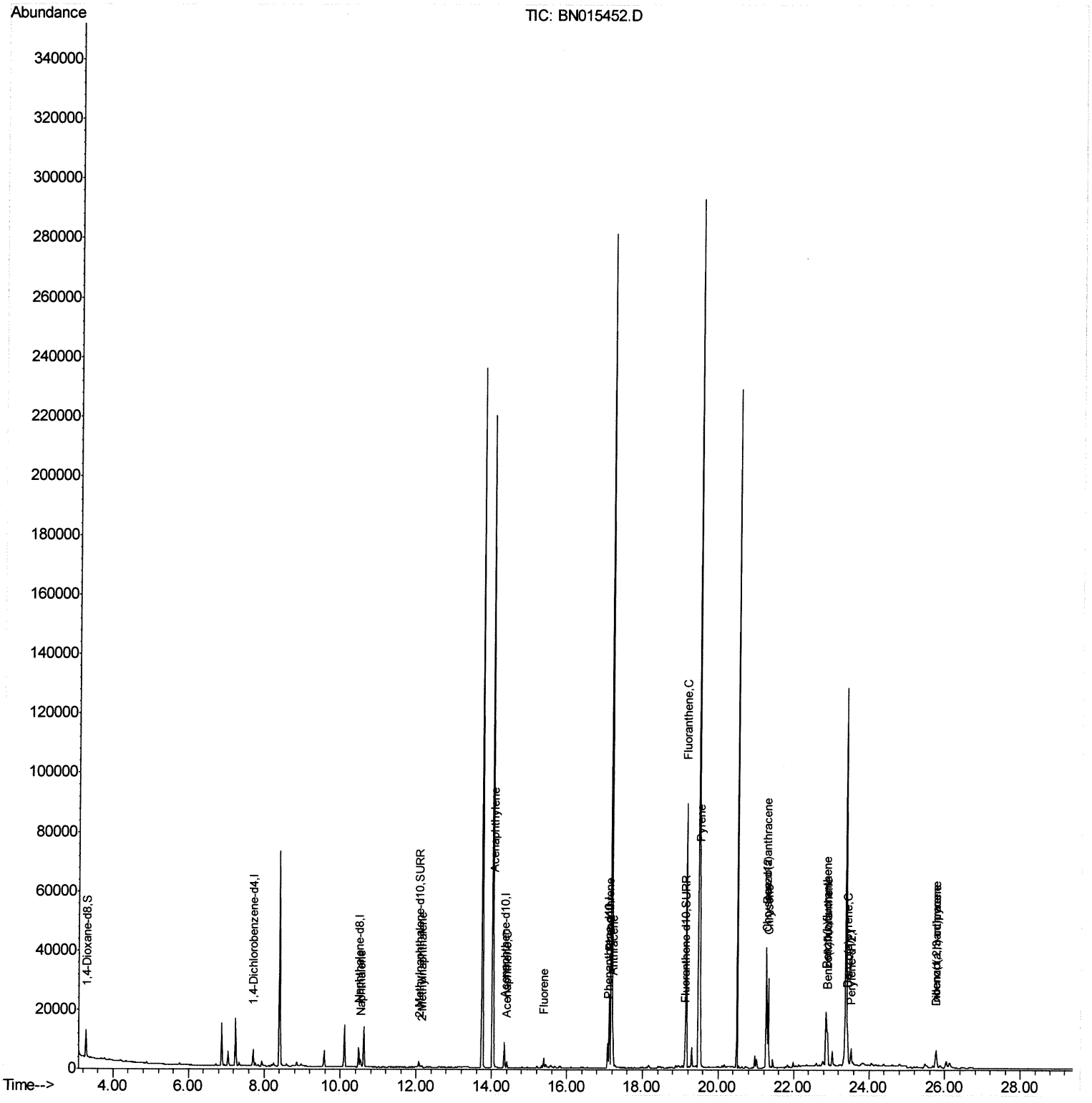
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015452.D
Acq On : 09 Jul 2021 18:49
Operator : CG/JU
Sample : M2854-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 10 00:33:35 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT3

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:02 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015452.D
Acq On : 09 Jul 2021 18:49
Operator : CG/JU
Sample : M2854-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 10 00:27:50 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 : Thu Jul 08 11:17:31 2021
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Instrument :
BNA_N
ClientSampleId :
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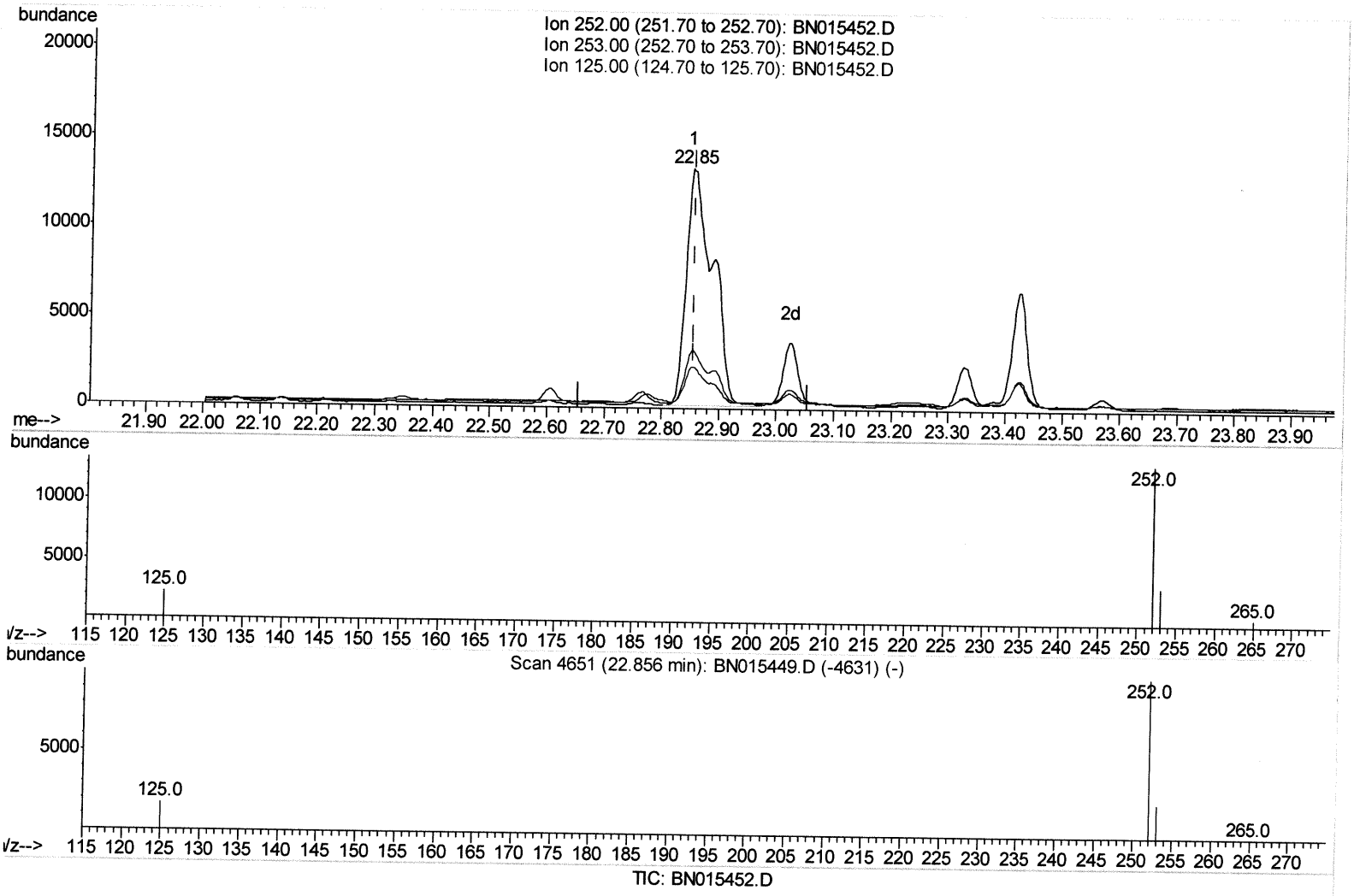
Manual Integrations APPROVED
mohammad
7/12/2021 9:33:02 AM



TIC: BN015452.D

(24) Benzo(b)fluoranthene

22.850min (-0.006) 1.26ng/ul

response 42380

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.45
125.00	14.20	17.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
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Quant Time: Jul 10 00:27:50 2021
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BNA_N
ClientSampleId :
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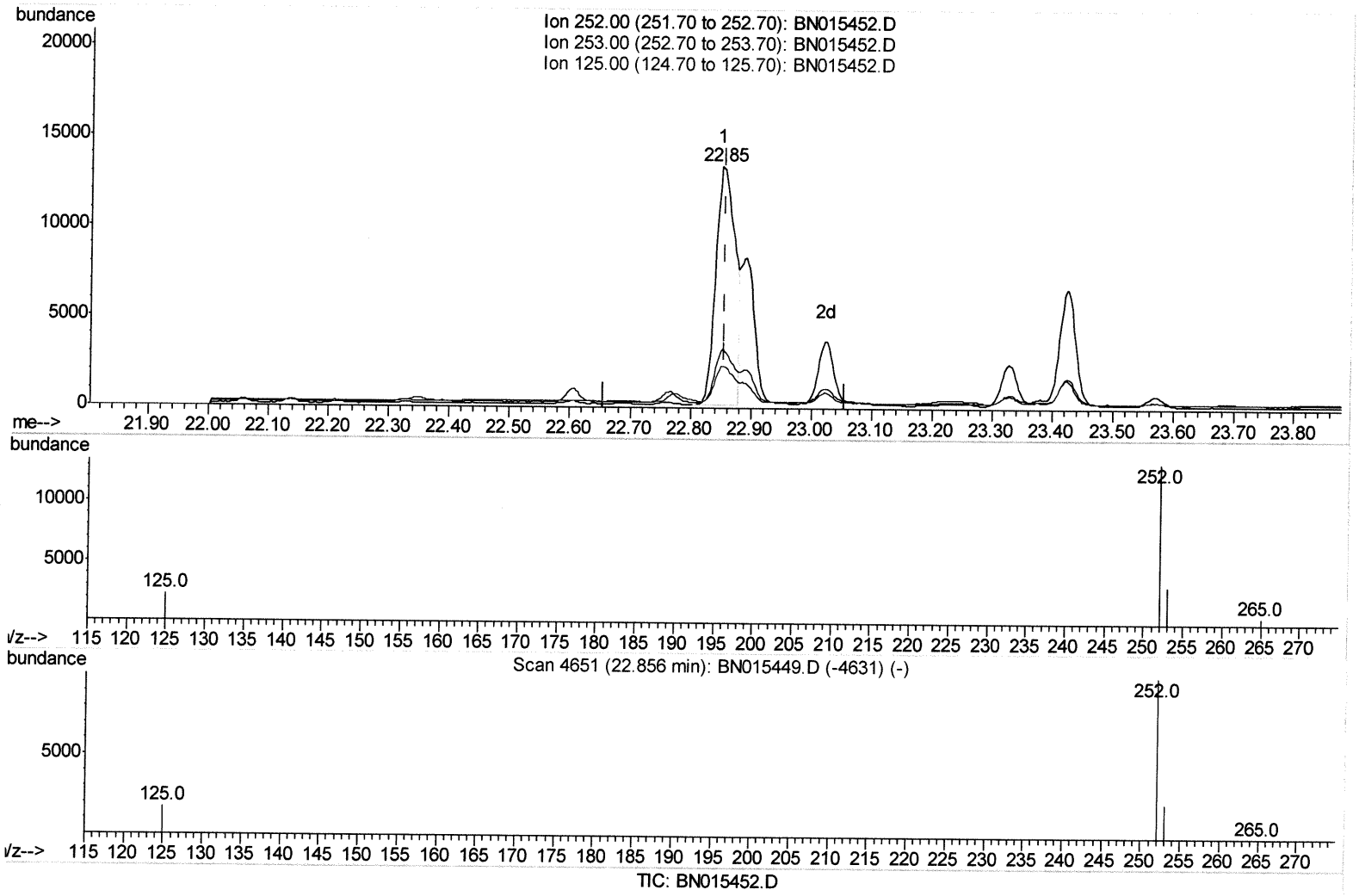
Manual Integrations APPROVED
mohammad
7/12/2021 9:33:02 AM



TIC: BN015452.D

(24) Benzo(b)fluoranthene

22.850min (-0.006) 0.87ng/ul m

response 29344

JG 7/14/21

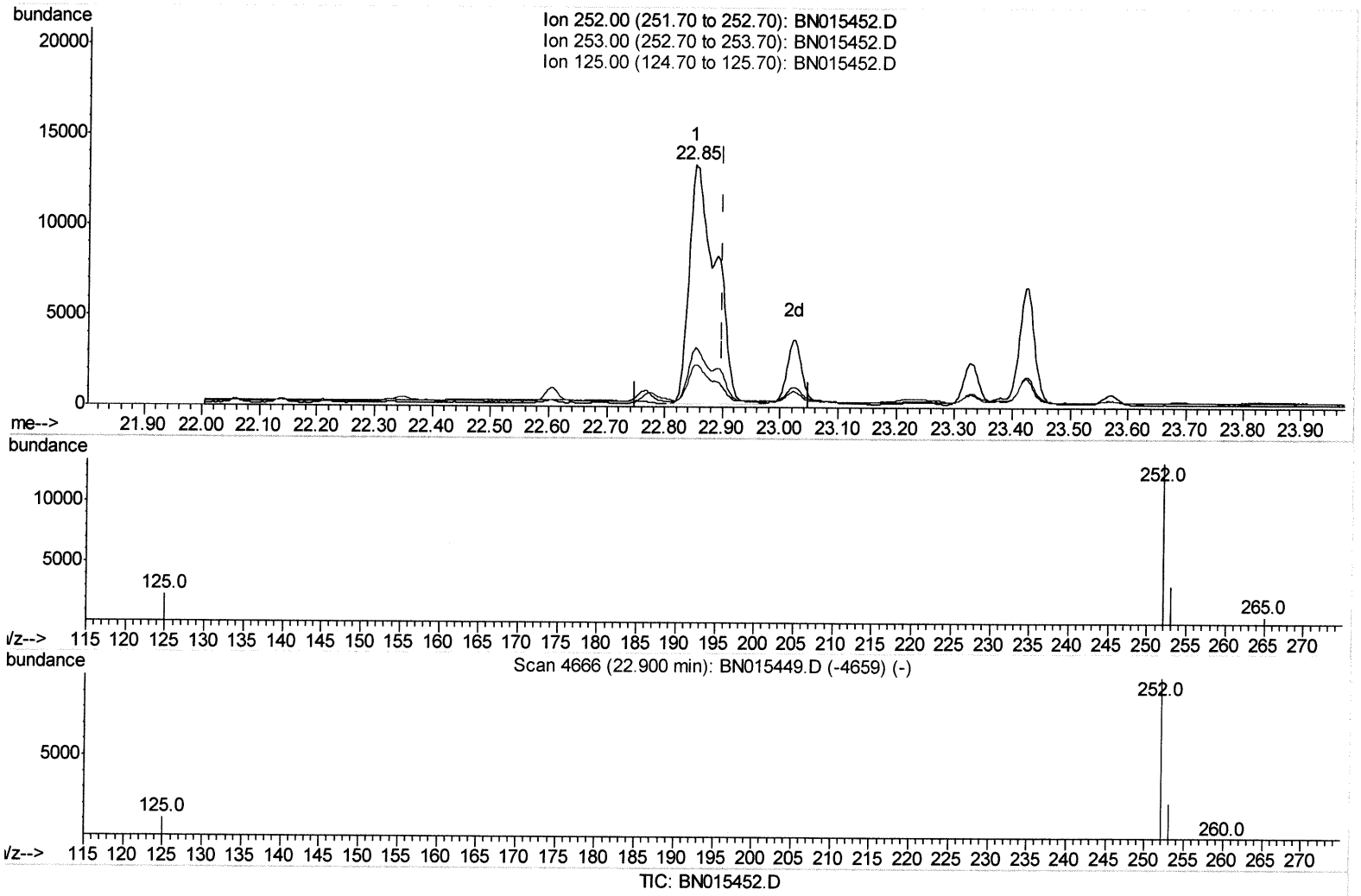
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.45
125.00	14.20	17.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015452.D
Acq On : 09 Jul 2021 18:49
Operator : CG/JU
Sample : M2854-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 10 00:32:44 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT3

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:02 AM



TIC: BN015452.D

(25) Benzo(k)fluoranthene

22.850min (-0.050) 1.12ng/ul

response 42380

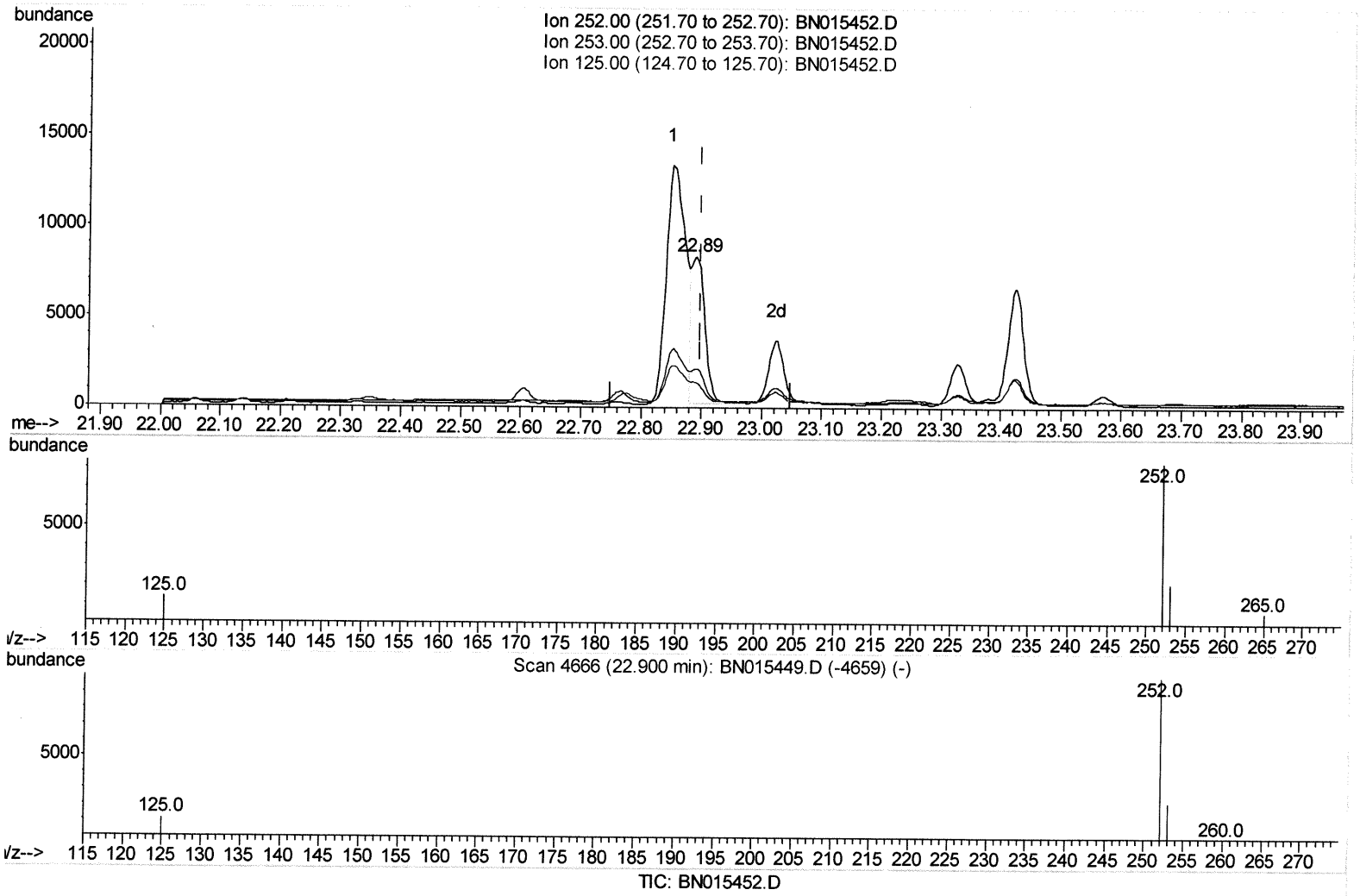
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.45
125.00	14.40	17.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015452.D
Acq On : 09 Jul 2021 18:49
Operator : CG/JU
Sample : M2854-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 10 00:33:35 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT3

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:02 AM



(25) Benzo(k)fluoranthene

22.891min (-0.009) 0.34ng/ul m

response 12913

JG 7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.20
125.00	14.40	16.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015452.D
Acq On : 09 Jul 2021 18:49
Operator : CG/JU
Sample : M2854-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDT3

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:02 AM

Quant Time: Jul 10 00:33:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2524	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	8884	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	4696	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	9426	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	7950	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	7193	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	6360	2.24	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2575	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	5280	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	3311	0.117	ng/ul#	94
7) 2-Methylnaphthalene	12.15	142	443	0.024	ng/ul	99
10) Acenaphthylene	14.05	152	3418	0.141	ng/ul	96
11) Acenaphthene	14.40	153	1228	0.066	ng/ul	96
12) Fluorene	15.39	166	2171	0.106	ng/ul#	97
15) Phenanthrene	17.12	178	25945	0.758	ng/ul	100
16) Anthracene	17.22	178	12584	0.417	ng/ul	100
19) Fluoranthene	19.15	202	74304	2.023	ng/ul	100
20) Pyrene	19.51	202	47770	1.297	ng/ul	100
21) Benzo(a)anthracene	21.27	228	33511	1.138	ng/ul	97
22) Chrysene	21.32	228	27940	0.793	ng/ul	99
24) Benzo(b)fluoranthene	22.85	252	29344m	0.873	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	12913m	0.340	ng/ul	
26) Benzo(a)pyrene	23.43	252	12031	0.426	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.77	276	8582	0.252	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.77	278	3452	0.129	ng/ul#	85

7/14/21

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