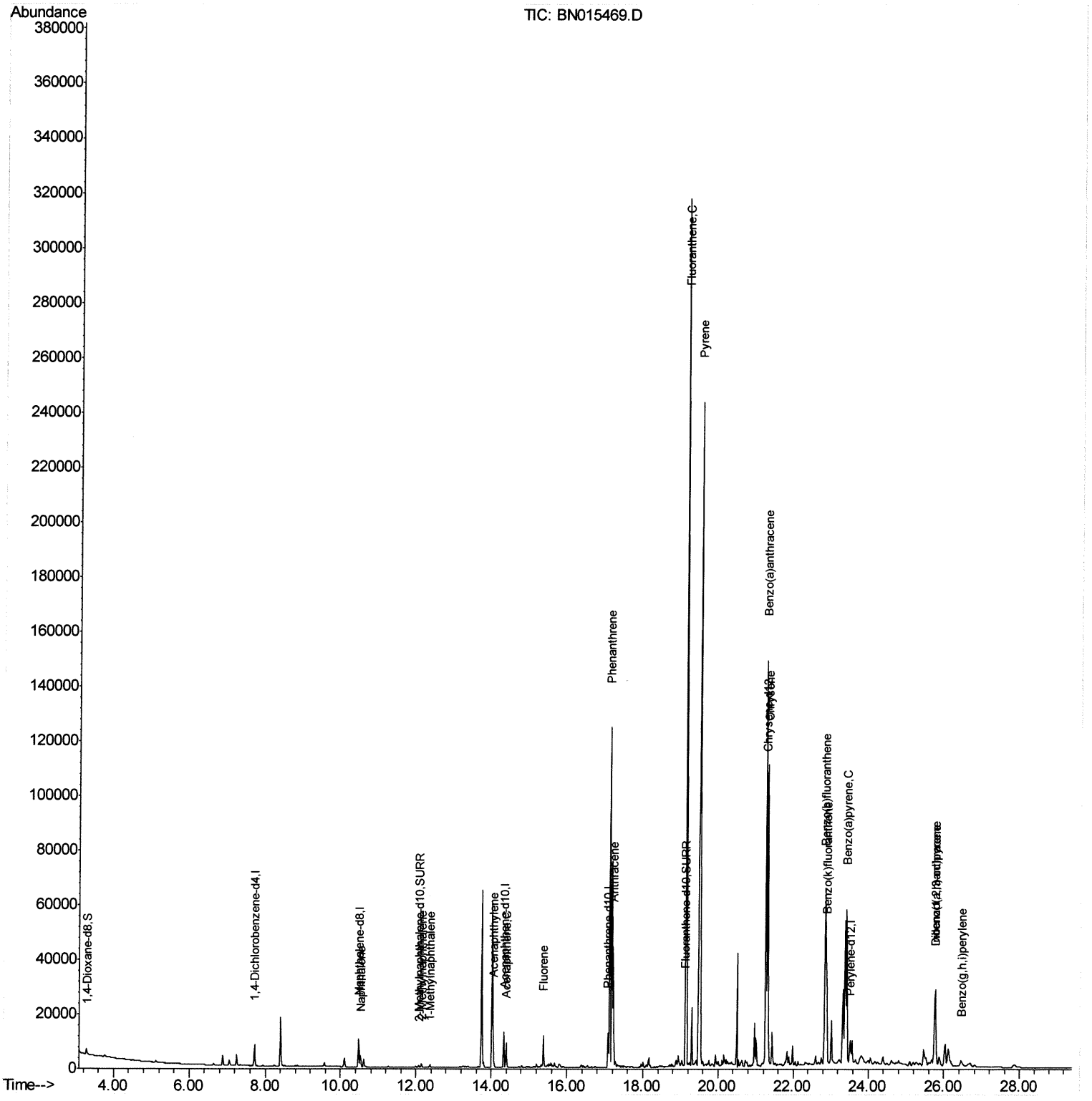
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015469.D
Acq On : 10 Jul 2021 05:39
Operator : CG/JU
Sample : M2808-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 10 06:14:18 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDQ3DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:52 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015469.D
Acq On : 10 Jul 2021 05:39
Operator : CG/JU
Sample : M2808-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 10 06:11:35 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
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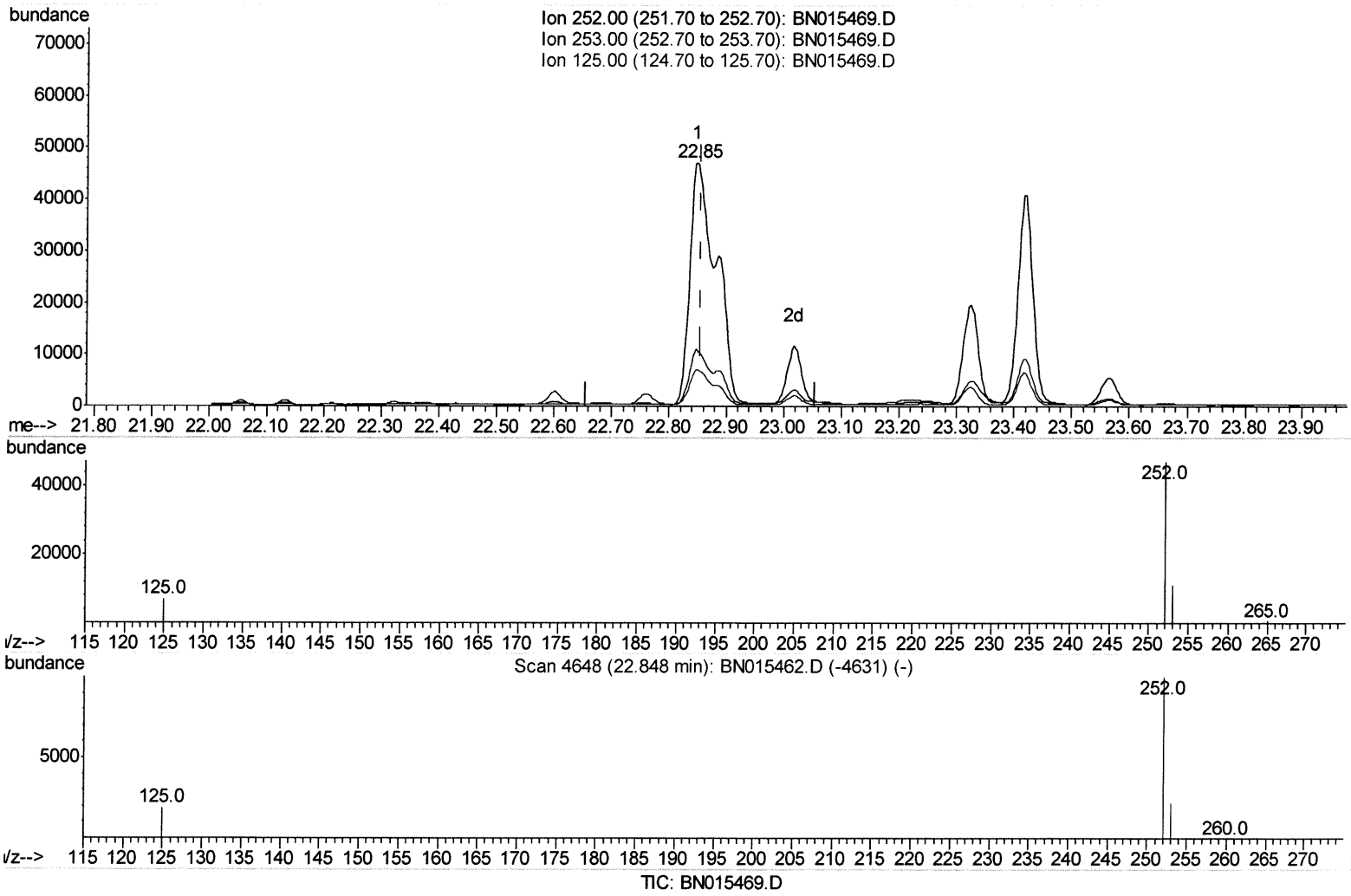
Manual Integrations APPROVED
mohammad
7/12/2021 9:33:52 AM



(24) Benzo(b)fluoranthene

22.847min (-0.009) 3.01ng/ul

response 150117

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.42
125.00	14.20	14.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
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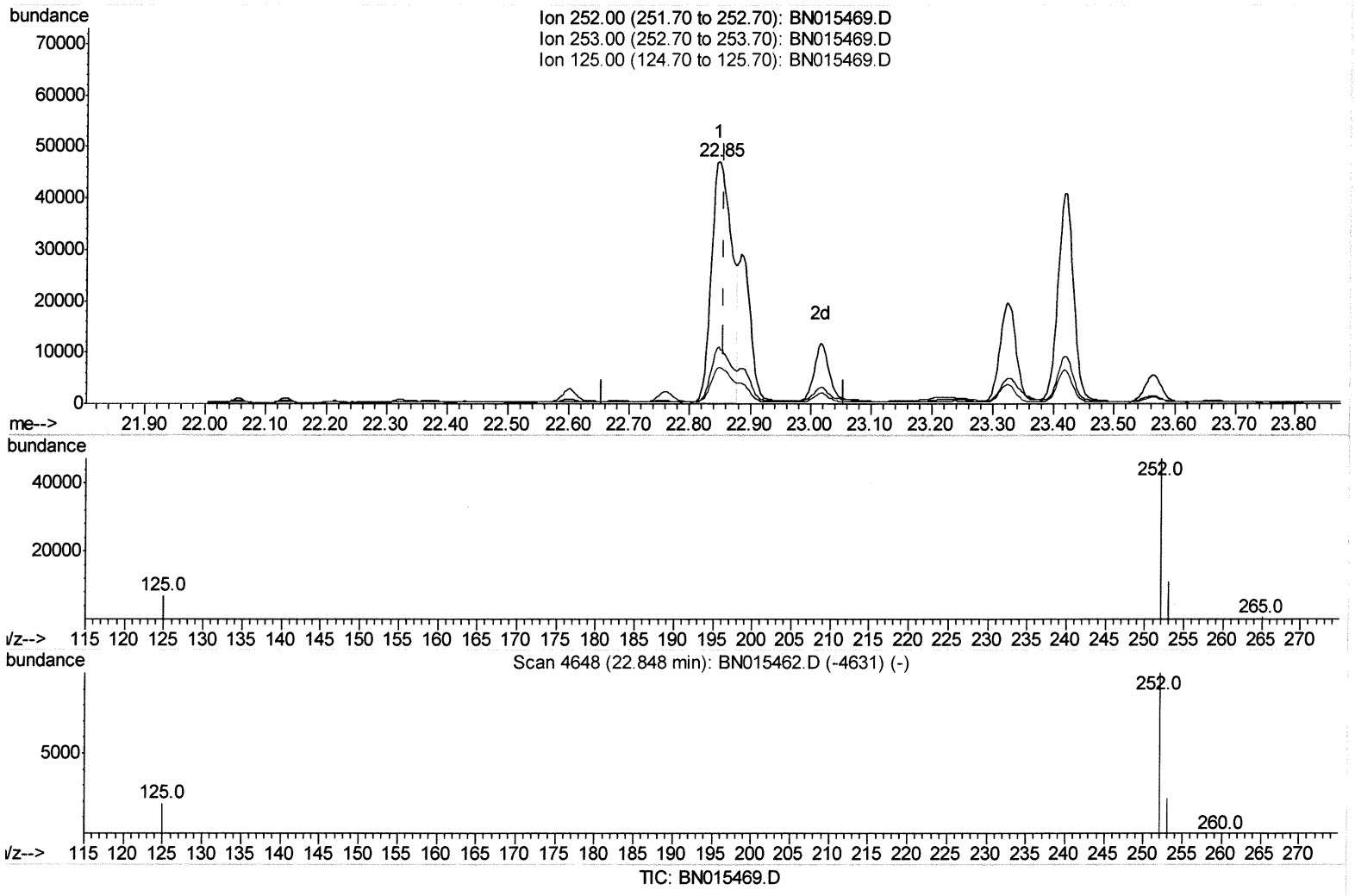
BNA_N
ClientSampleId :
BGDQ3DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:52 AM



TIC: BN015469.D

(24) Benzo(b)fluoranthene

22.847min (-0.009) 2.16ng/ul m

response 107672

7/16/21

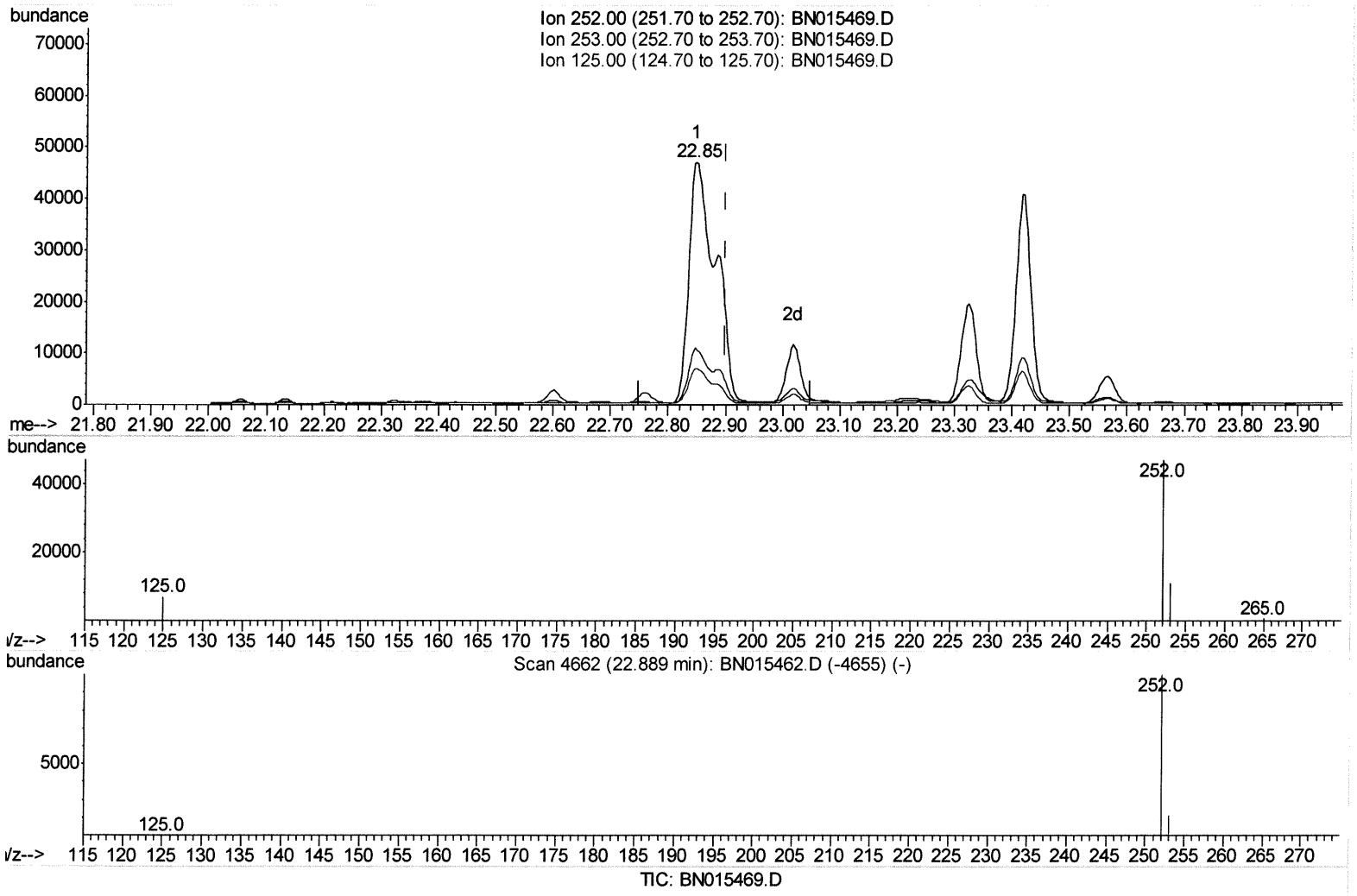
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.42
125.00	14.20	14.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015469.D
Acq On : 10 Jul 2021 05:39
Operator : CG/JU
Sample : M2808-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 10 06:13:22 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 :
BGDQ3DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:52 AM



(25) Benzo(k)fluoranthene

22.847min (-0.052) 2.67ng/ul

response 150117

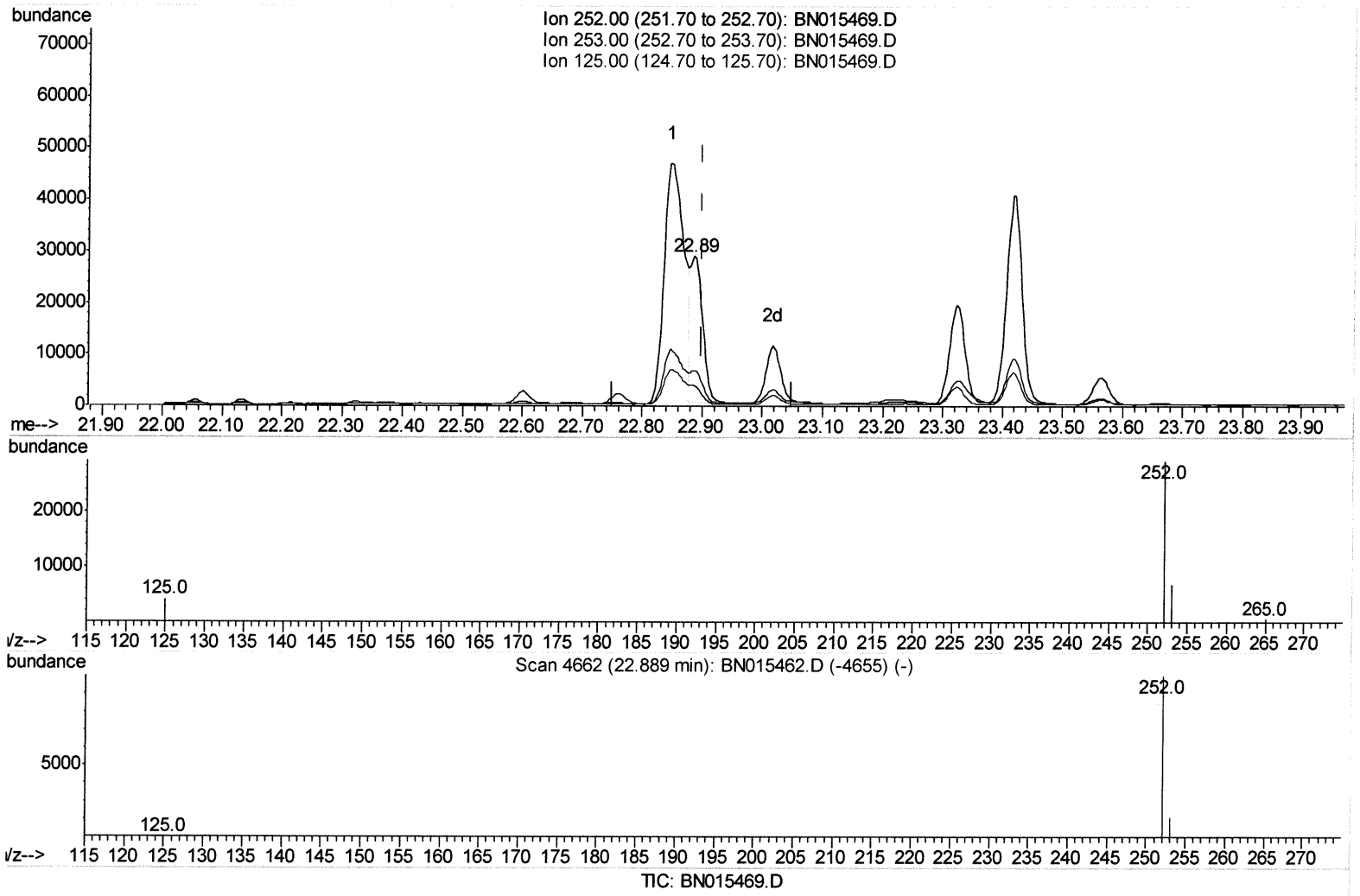
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.42
125.00	14.40	14.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015469.D
Acq On : 10 Jul 2021 05:39
Operator : CG/JU
Sample : M2808-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 10 06:13:22 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 :
BGDQ3DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:52 AM



TIC: BN015469.D

(25) Benzo(k)fluoranthene

22.885min (-0.014) 0.73ng/ul m JU 7/14/21

response 40864

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.69
125.00	14.40	14.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015469.D
Acq On : 10 Jul 2021 05:39
Operator : CG/JU
Sample : M2808-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDQ3DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:33:52 AM

Quant Time: Jul 10 06:14:18 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	7.71	152	3806	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	13344	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	7025	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	14030	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	11494	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	10681	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1591	0.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	565	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	1317	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	5717	0.134	ng/ul	98
7) 2-Methylnaphthalene	12.15	142	824	0.030	ng/ul	100
8) 1-Methylnaphthalene	12.37	142	555	0.021	ng/ul	99
10) Acenaphthylene	14.05	152	11901	0.328	ng/ul	100
11) Acenaphthene	14.40	153	5344	0.192	ng/ul	99
12) Fluorene	15.39	166	7397	0.241	ng/ul	98
15) Phenanthrene	17.12	178	125600	2.467	ng/ul	100
16) Anthracene	17.22	178	46123	1.027	ng/ul	99
19) Fluoranthene	19.15	202	265115	4.992	ng/ul	99
20) Pyrene	19.51	202	199024	3.736	ng/ul	99
21) Benzo(a)anthracene	21.26	228	120150	2.822	ng/ul	97
22) Chrysene	21.32	228	101041	1.982	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	107672m	2.158	ng/ul	JG 7/14/21
25) Benzo(k)fluoranthene	22.89	252	40864m	0.726	ng/ul	
26) Benzo(a)pyrene	23.42	252	73318	1.749	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.76	276	39545	0.781	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.77	278	13317	0.336	ng/ul#	93
29) Benzo(g,h,i)perylene	26.45	276	4578	0.098	ng/ul#	84

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