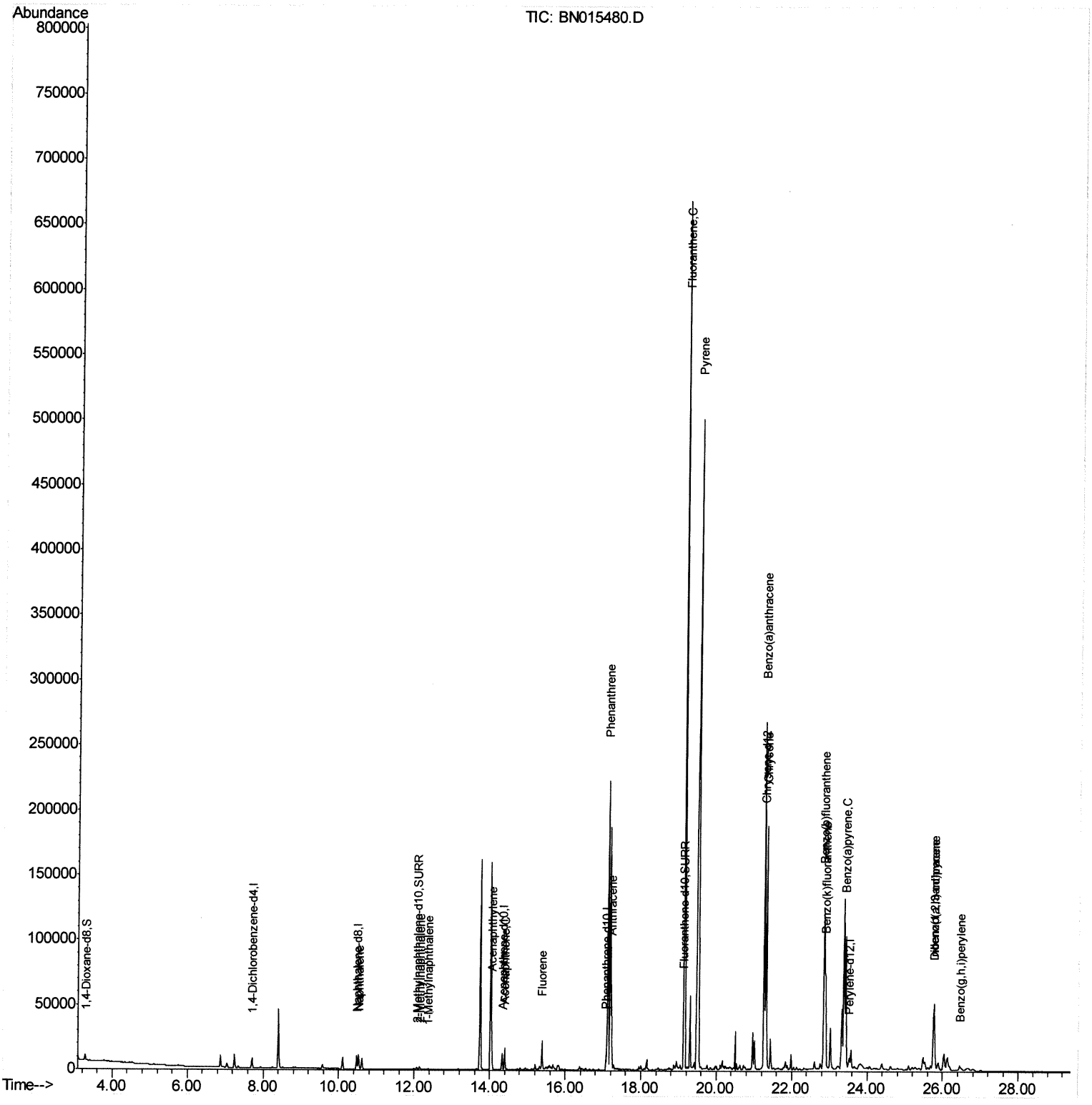
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015480.D
Acq On : 10 Jul 2021 12:48
Operator : CG/JU
Sample : M2808-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 11 06:52:00 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT1

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:28 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015480.D
Acq On : 10 Jul 2021 12:48
Operator : CG/JU
Sample : M2808-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 11 06:15:01 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 :
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ClientSampleId :
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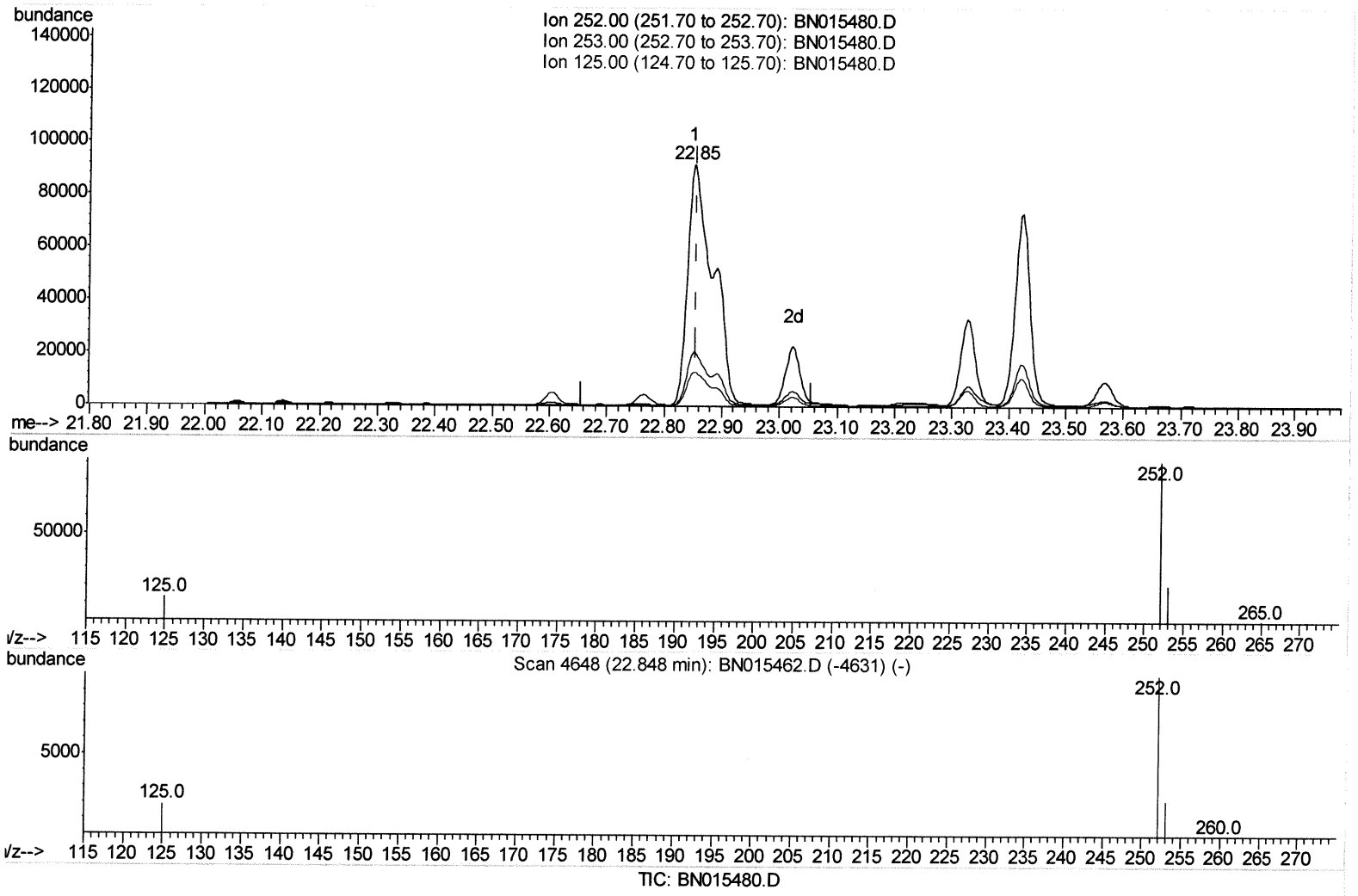
Manual Integrations APPROVED
mohammad
7/12/2021 9:34:28 AM



(24) Benzo(b)fluoranthene

22.850min (-0.006) 6.40ng/ul

response 282520

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.50
125.00	14.20	14.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015480.D
Acq On : 10 Jul 2021 12:48
Operator : CG/JU
Sample : M2808-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 11 06:15:01 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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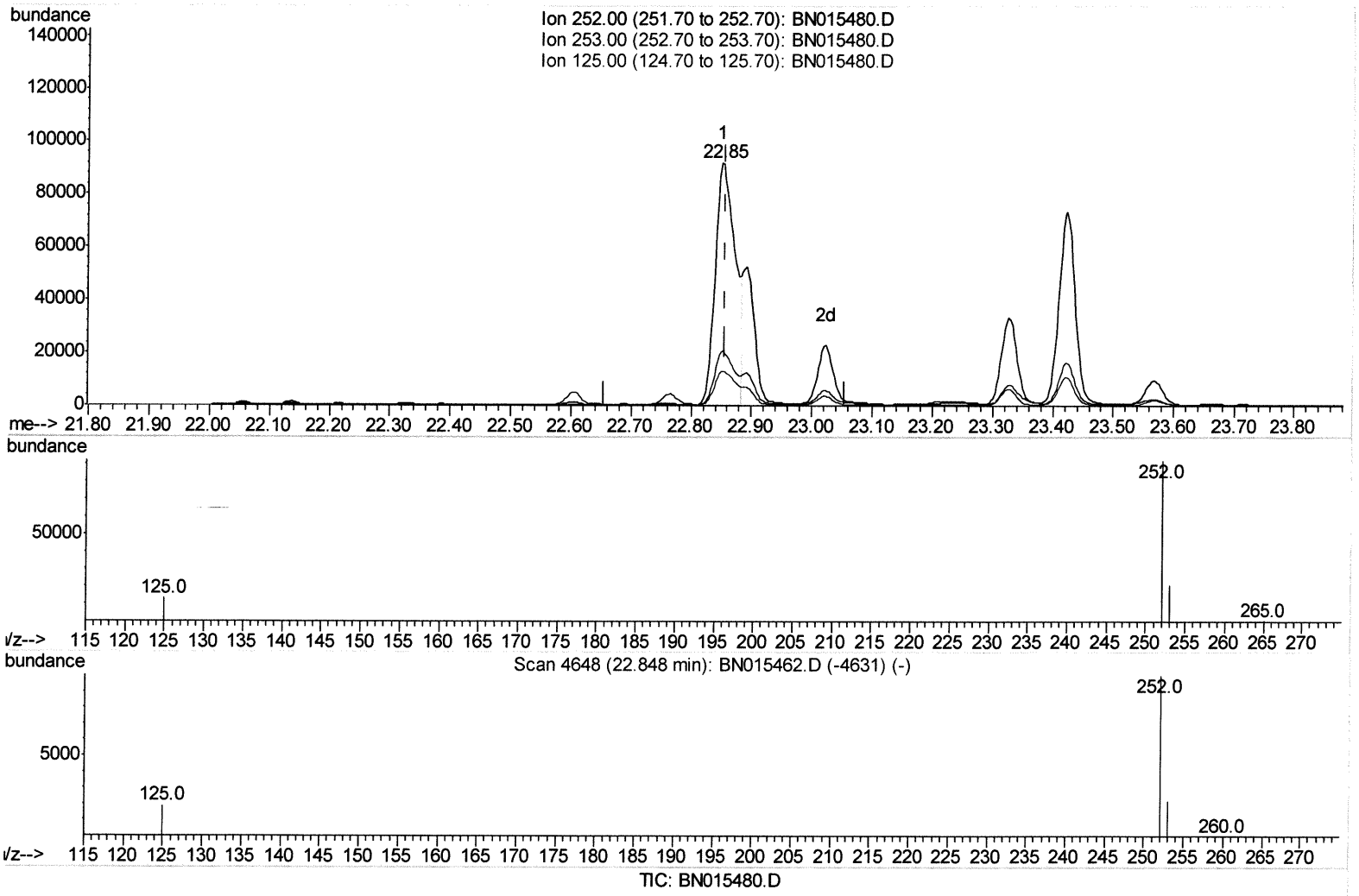
Instrument :
BNA_N
ClientSampleId :
BGDT1

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:28 AM



(24) Benzo(b)fluoranthene

22.850min (-0.006) 4.74ng/ul m

response 209044

JU 7/12/21

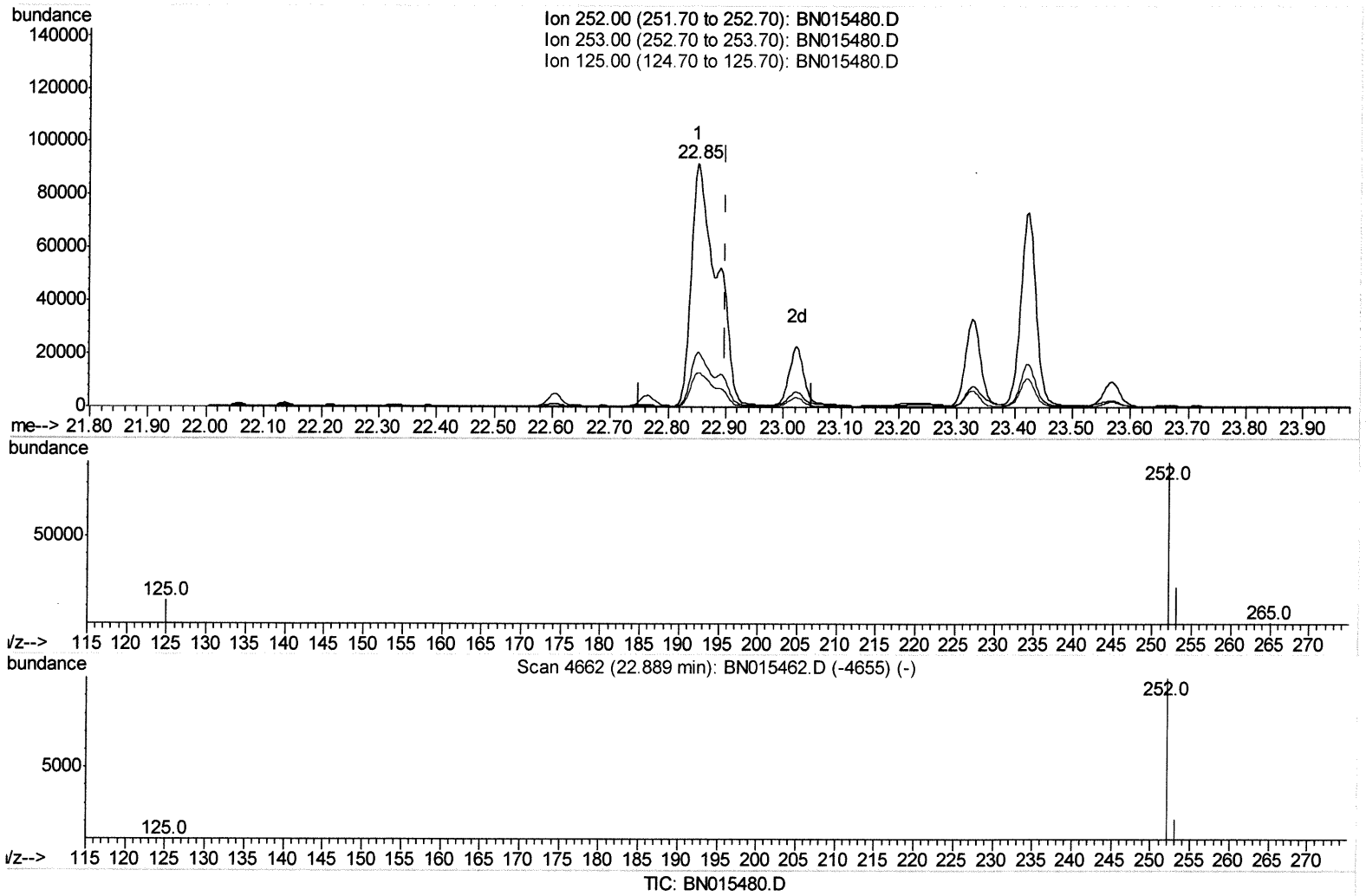
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.50
125.00	14.20	14.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015480.D
Acq On : 10 Jul 2021 12:48
Operator : CG/JU
Sample : M2808-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 11 06:50:59 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 :
BGDT1

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:28 AM



(25) Benzo(k)fluoranthene

22.850min (-0.050) 5.67ng/ul

response 282520

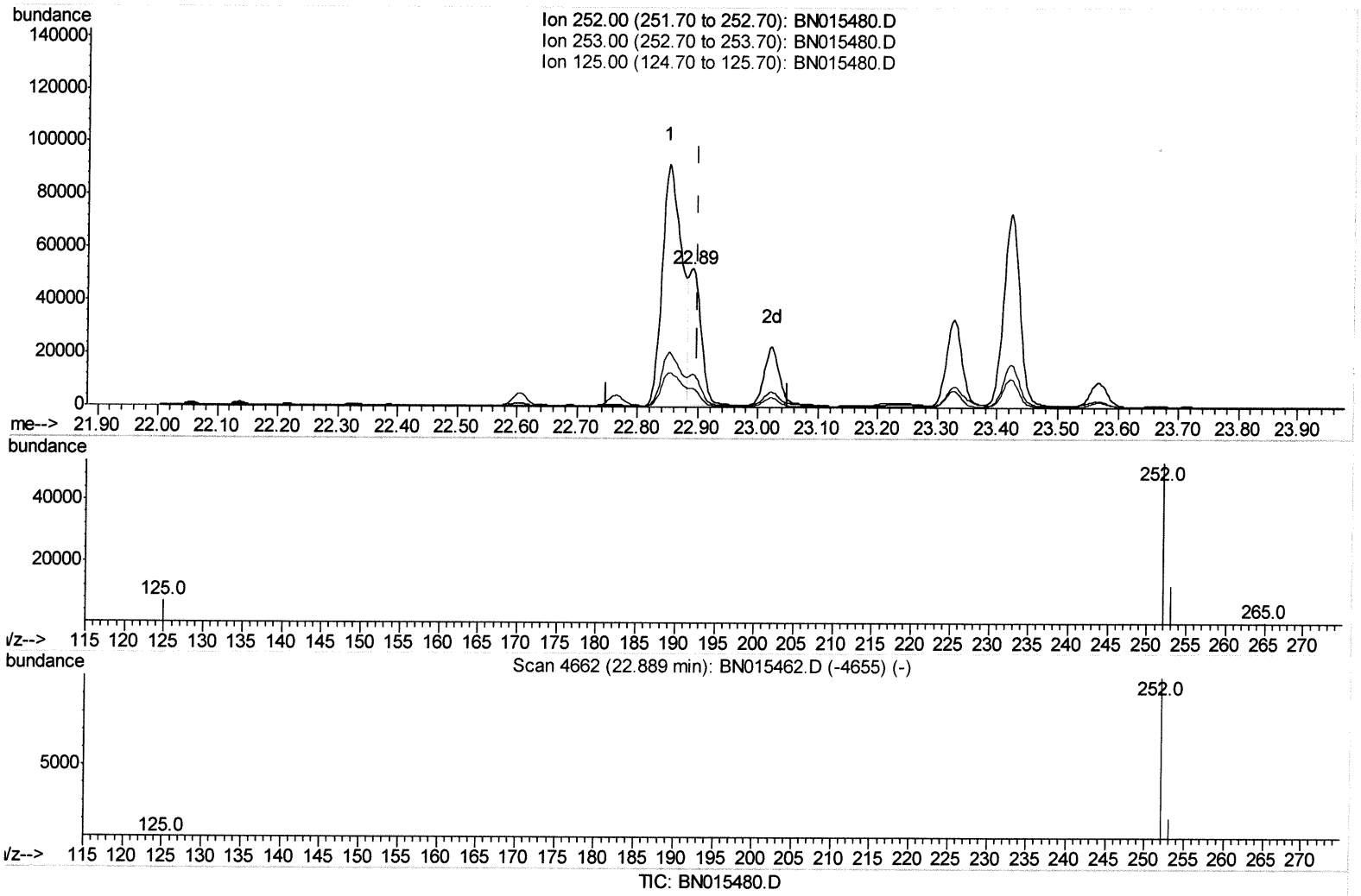
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.50
125.00	14.40	14.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015480.D
Acq On : 10 Jul 2021 12:48
Operator : CG/JU
Sample : M2808-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 11 06:50:59 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 :
BGDT1

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:28 AM



TIC: BN015480.D

(25) Benzo(k)fluoranthene

22.891min (-0.009) 1.42ng/ul m

response 70797

JH 7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.51
125.00	14.40	13.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015480.D
Acq On : 10 Jul 2021 12:48
Operator : CG/JU
Sample : M2808-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDT1

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:28 AM

Quant Time: Jul 11 06:52:00 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	3822	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	13250	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.33	164	6761	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	13800	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	11043	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	9446	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	3374	0.78	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2139	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	4495	0.12	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	14458	0.342	ng/ul	100
7) 2-Methylnaphthalene	12.15	142	1522	0.055	ng/ul	98
8) 1-Methylnaphthalene	12.37	142	563	0.021	ng/ul	99
10) Acenaphthylene	14.05	152	30842	0.882	ng/ul	100
11) Acenaphthene	14.40	153	9811	0.366	ng/ul	97
12) Fluorene	15.39	166	14049	0.475	ng/ul	97
15) Phenanthrene	17.12	178	228755	4.567	ng/ul	100
16) Anthracene	17.21	178	71517	1.620	ng/ul	99
19) Fluoranthene	19.15	202	548784	10.755	ng/ul	97
20) Pyrene	19.51	202	411608	8.043	ng/ul	100
21) Benzo(a)anthracene	21.27	228	226540	5.538	ng/ul	96
22) Chrysene	21.32	228	173140	3.536	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	209044m	4.737	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	70797m	1.421	ng/ul	
26) Benzo(a)pyrene	23.42	252	136235	3.676	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.76	276	77375	1.728	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.77	278	21746	0.620	ng/ul	98
29) Benzo(g,h,i)perylene	26.45	276	7592	0.183	ng/ul#	90

JU 7/14/21

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