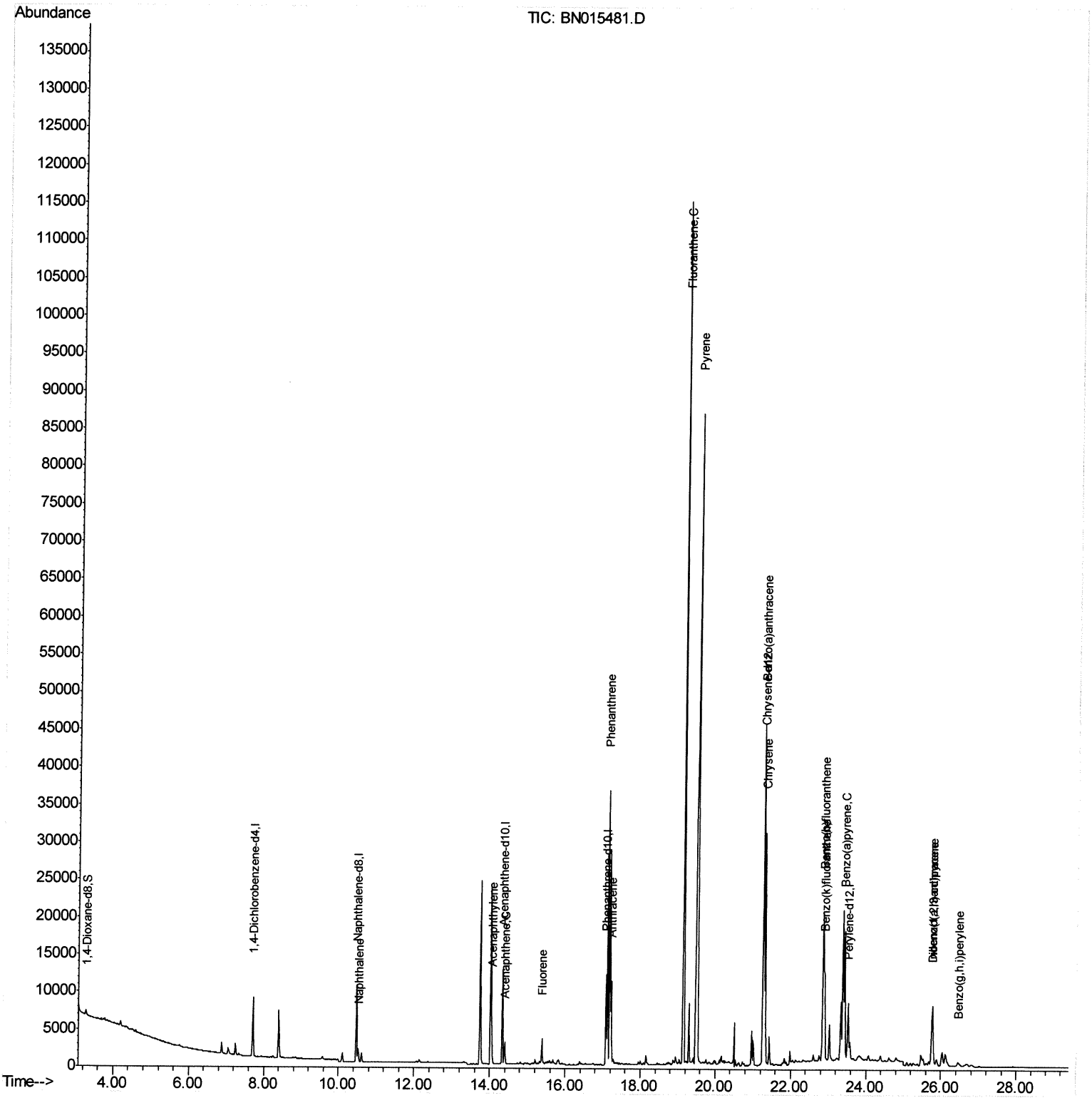
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015481.D
Acq On : 10 Jul 2021 13:23
Operator : CG/JU
Sample : M2808-13DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 11 06:55:00 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 :
BGDT1DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:31 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015481.D
Acq On : 10 Jul 2021 13:23
Operator : CG/JU
Sample : M2808-13DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 11 06:15:08 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 :
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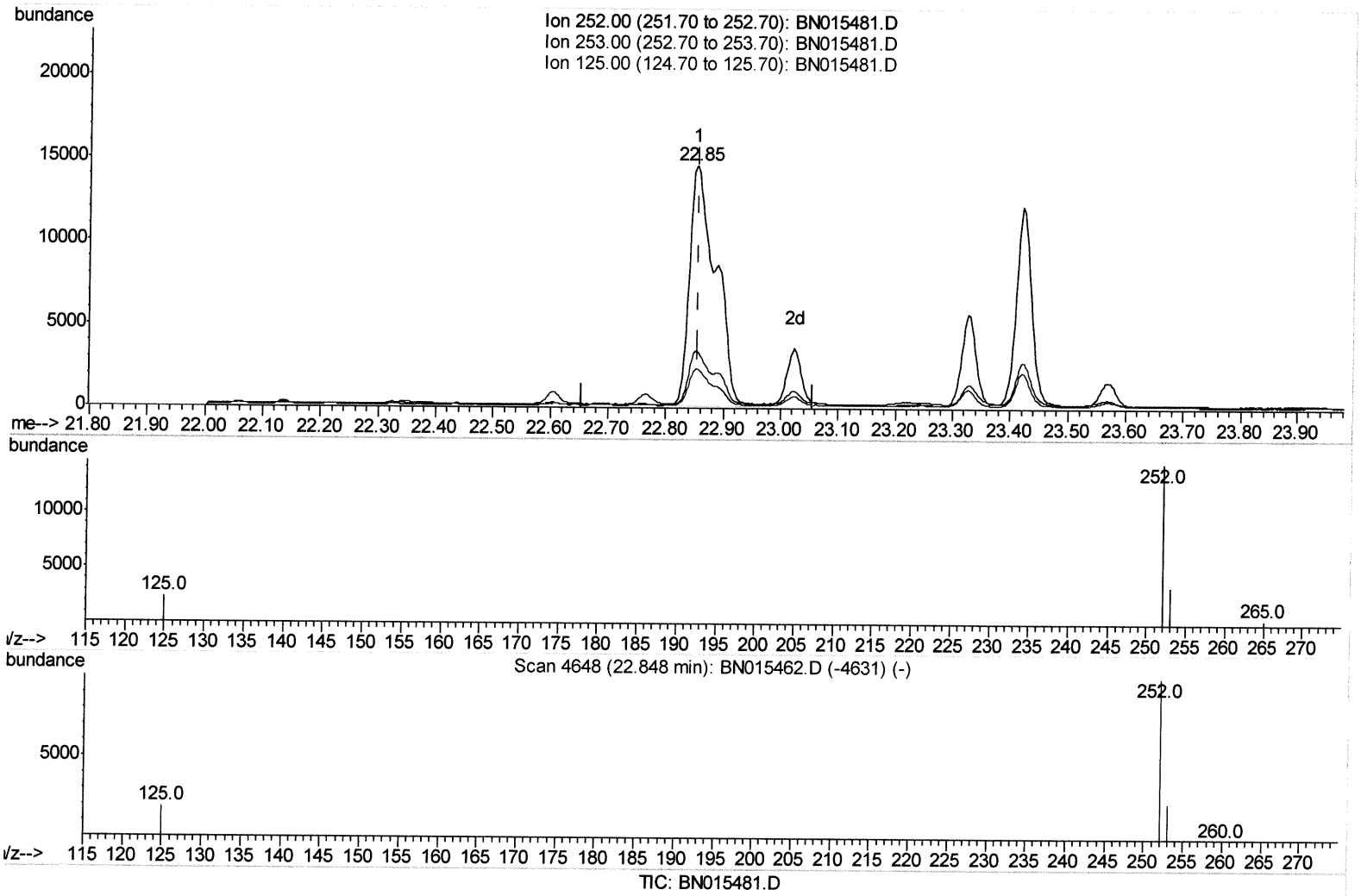
Manual Integrations APPROVED
mohammad
7/12/2021 9:34:31 AM



(24) Benzo(b)fluoranthene

22.854min (-0.002) 1.04ng/ul

response 46171

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.63
125.00	14.20	16.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015481.D
Acq On : 10 Jul 2021 13:23
Operator : CG/JU
Sample : M2808-13DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 11 06:15:08 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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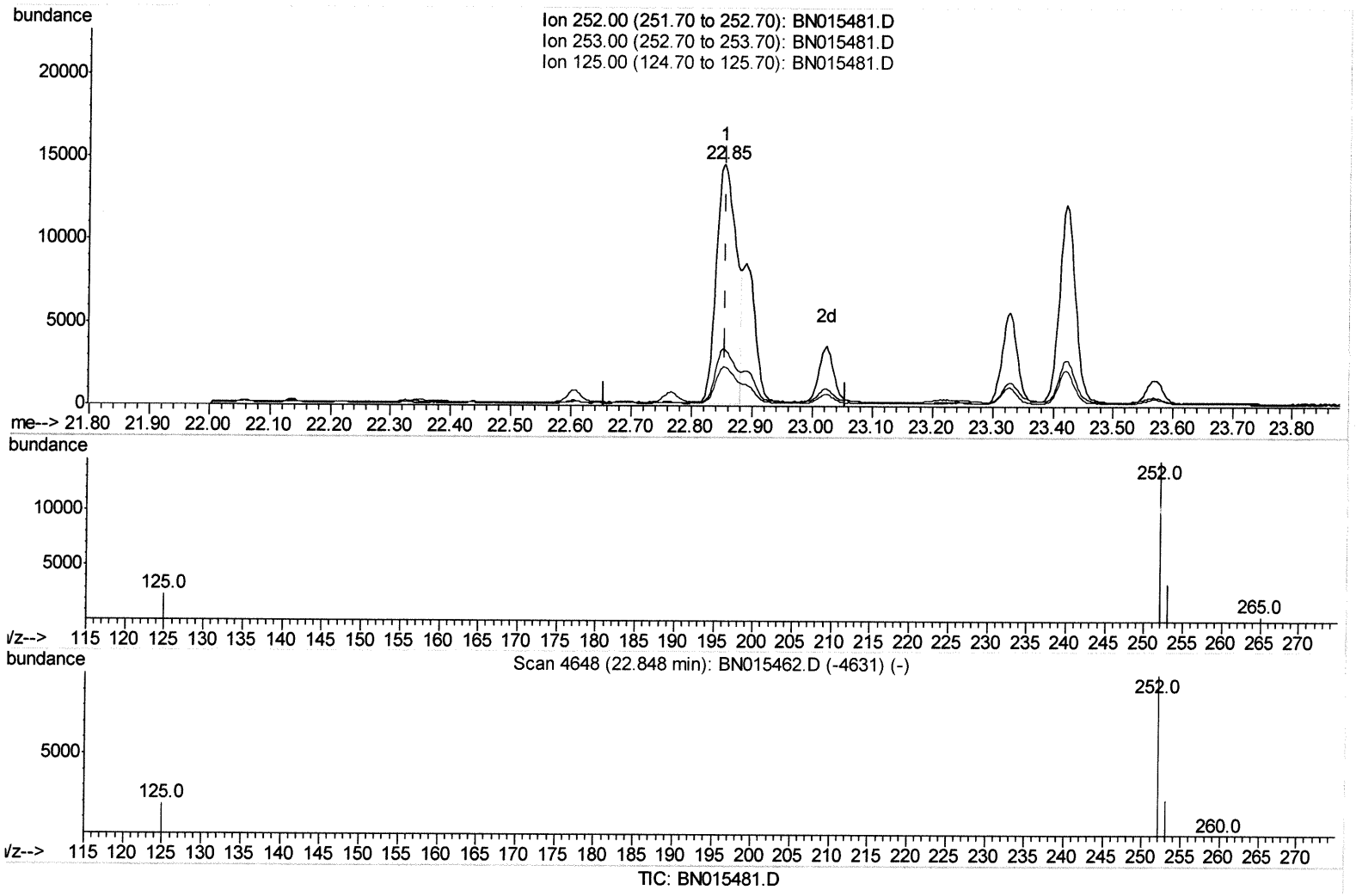
Instrument :
BNA_N
ClientSampleId :
BGDT1DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:31 AM



(24) Benzo(b)fluoranthene

22.854min (-0.002) 0.74ng/ul m

JU 7/14/21

response 32847

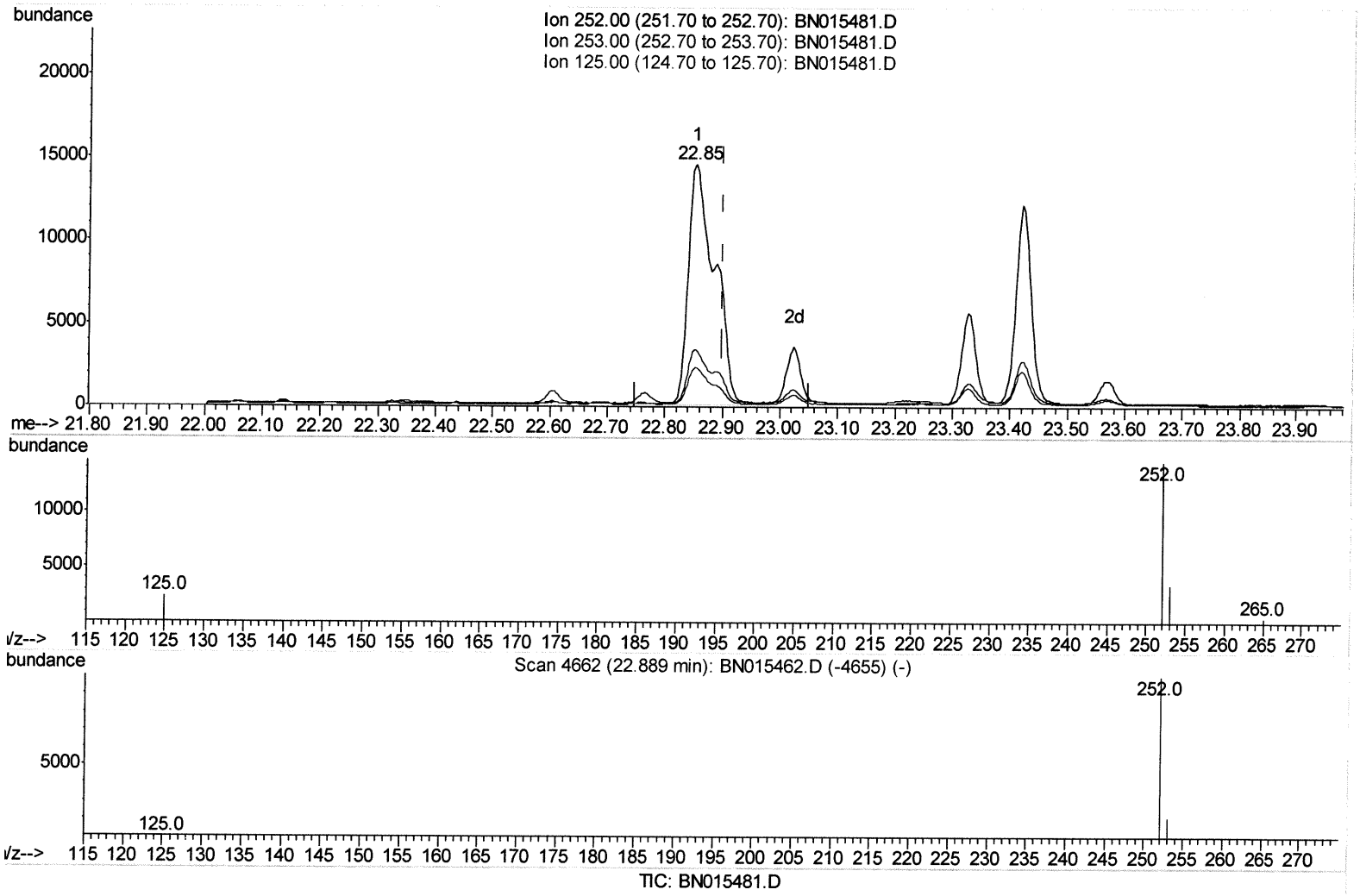
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.63
125.00	14.20	16.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015481.D
Acq On : 10 Jul 2021 13:23
Operator : CG/JU
Sample : M2808-13DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 11 06:54:18 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 :
BGDT1DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:31 AM



(25) Benzo(k)fluoranthene

22.854min (-0.046) 0.92ng/ul

response 46171

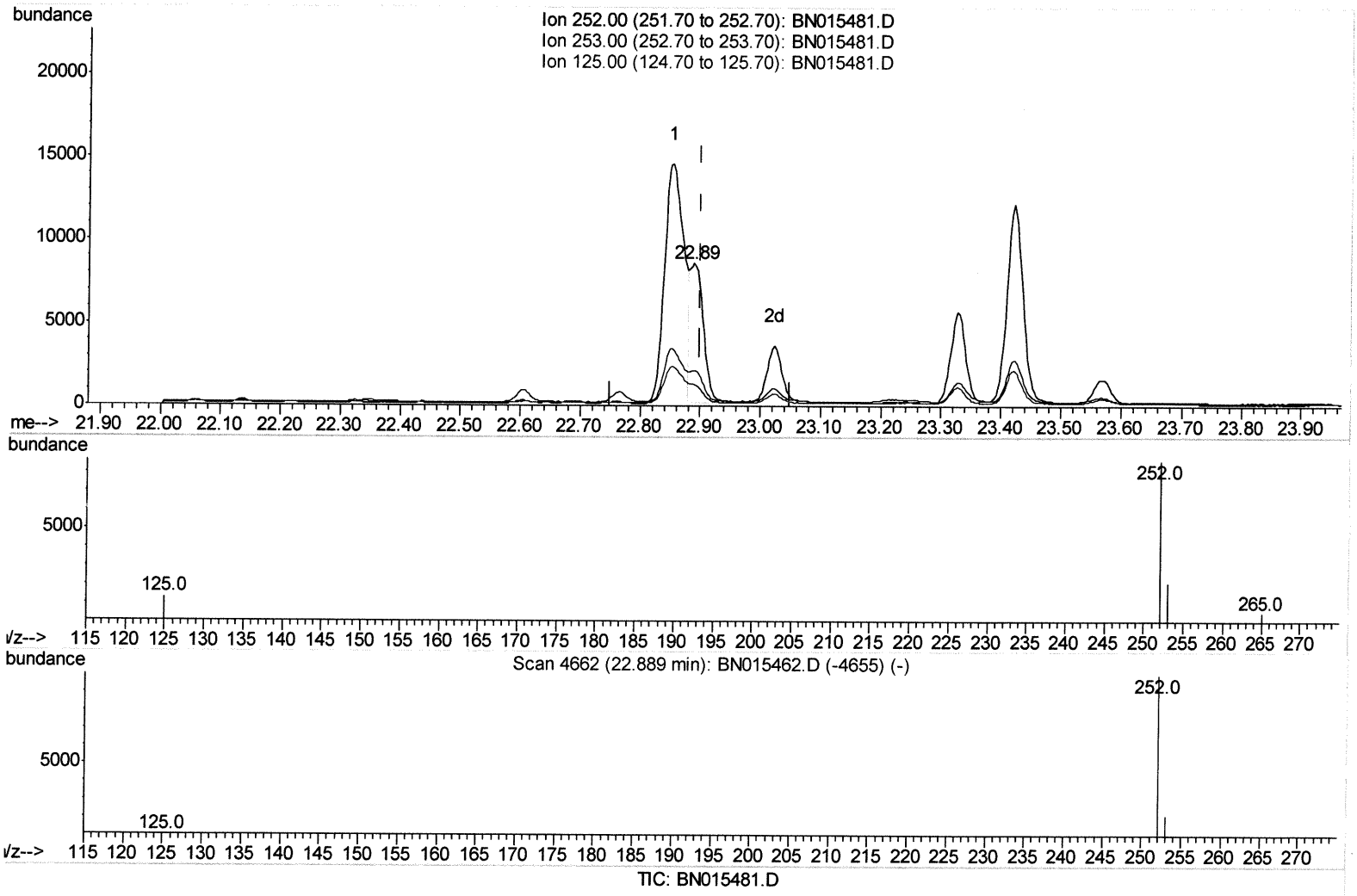
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.63
125.00	14.40	16.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015481.D
Acq On : 10 Jul 2021 13:23
Operator : CG/JU
Sample : M2808-13DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 11 06:54:18 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 :
BGDT1DL

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:31 AM



(25) Benzo(k)fluoranthene

22.889min (-0.011) 0.26ng/ul m JG 7/14/21

response 12921

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.84
125.00	14.40	15.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015481.D
Acq On : 10 Jul 2021 13:23
Operator : CG/JU
Sample : M2808-13DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
7/12/2021 9:34:31 AM

Quant Time: Jul 11 06:55:00 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	3913	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	13451	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	6821	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	13473	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	11088	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	9527	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	577	0.13	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	238	0.01	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	503	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	2458	0.057	ng/ul#	94
10) Acenaphthylene	14.05	152	5150	0.146	ng/ul	98
11) Acenaphthene	14.40	153	1687	0.062	ng/ul	97
12) Fluorene	15.39	166	2284	0.076	ng/ul#	98
15) Phenanthrene	17.12	178	37922	0.776	ng/ul	100
16) Anthracene	17.22	178	11384	0.264	ng/ul	100
19) Fluoranthene	19.15	202	92855	1.812	ng/ul	98
20) Pyrene	19.51	202	72255	1.406	ng/ul	99
21) Benzo(a)anthracene	21.27	228	36131	0.880	ng/ul	97
22) Chrysene	21.32	228	29039	0.591	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	32847m	0.738	ng/ul	97
25) Benzo(k)fluoranthene	22.89	252	12921m	0.257	ng/ul	97
26) Benzo(a)pyrene	23.42	252	22304	0.597	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.76	276	12119	0.268	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.77	278	3394	0.096	ng/ul	91
29) Benzo(g,h,i)perylene	26.45	276	1211	0.029	ng/ul#	73

7/14/21

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