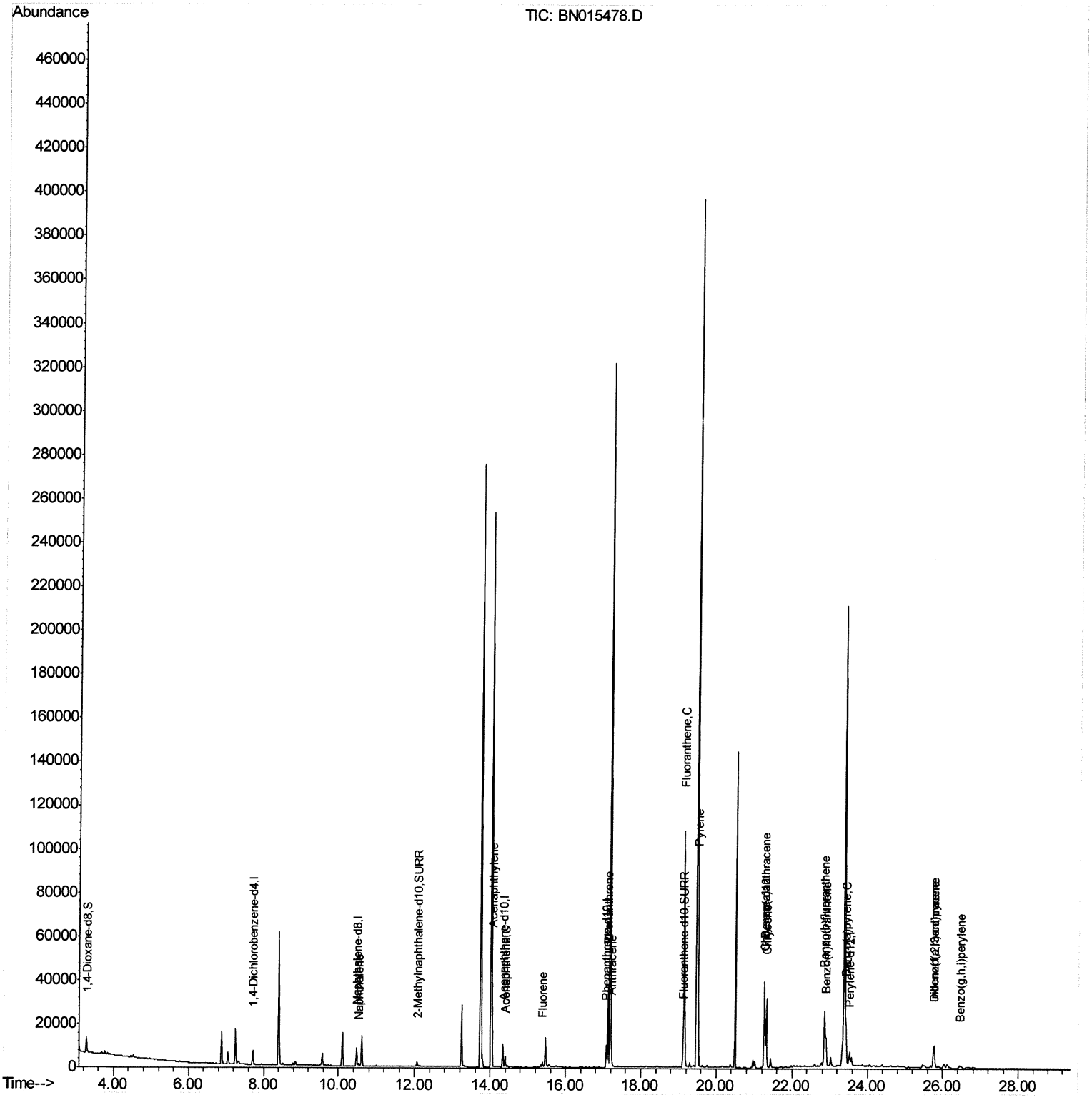
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015478.D
Acq On : 10 Jul 2021 11:36
Operator : CG/JU
Sample : M2808-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 11 06:46:22 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 :
BGDR8

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:20 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015478.D
Acq On : 10 Jul 2021 11:36
Operator : CG/JU
Sample : M2808-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 11 06:14:27 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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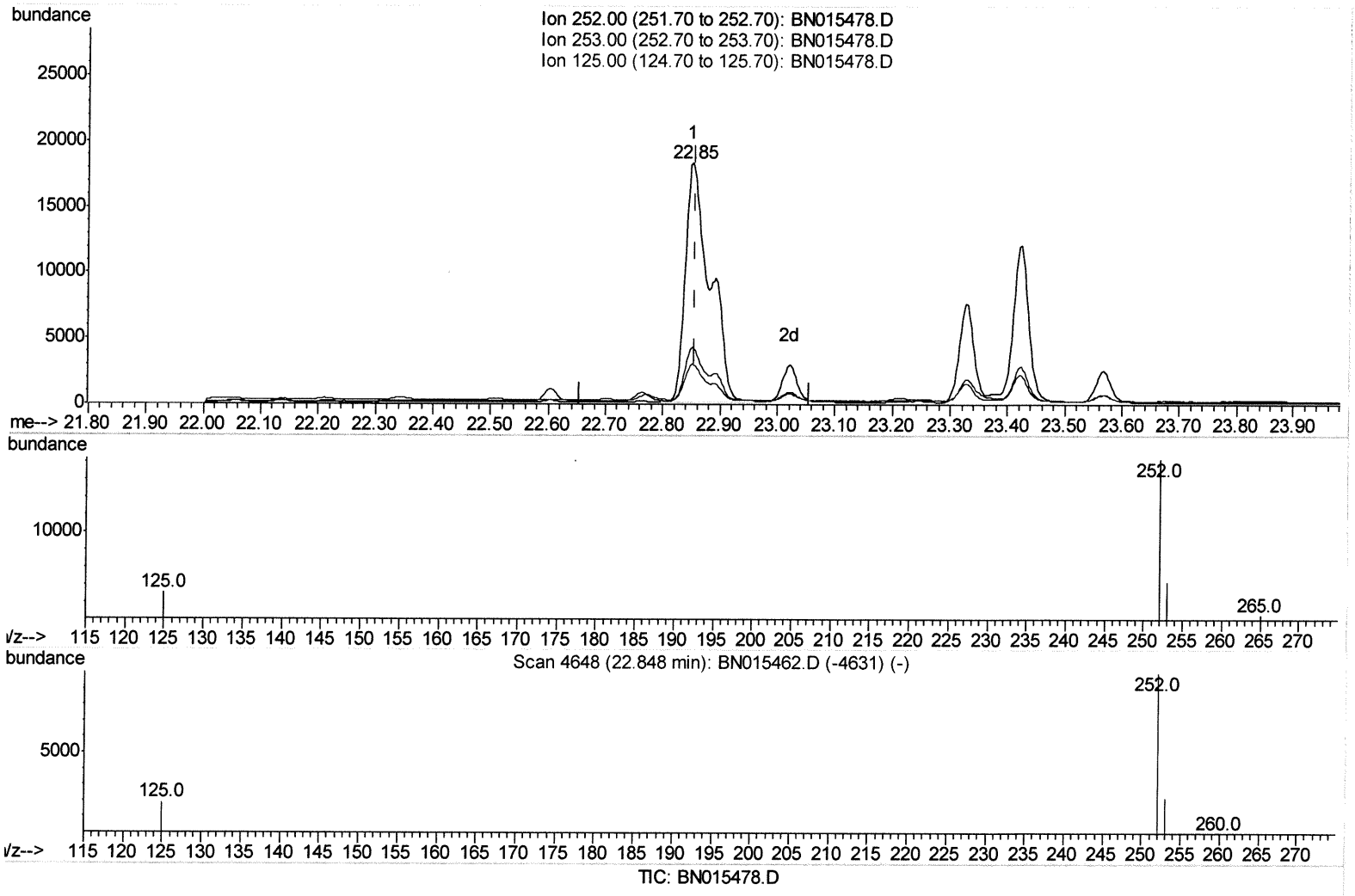
Manual Integrations APPROVED
mohammad
7/12/2021 9:34:20 AM



(24) Benzo(b)fluoranthene

22.851min (-0.005) 1.41ng/ul

response 55087

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.45
125.00	14.20	16.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015478.D
Acq On : 10 Jul 2021 11:36
Operator : CG/JU
Sample : M2808-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 11 06:14:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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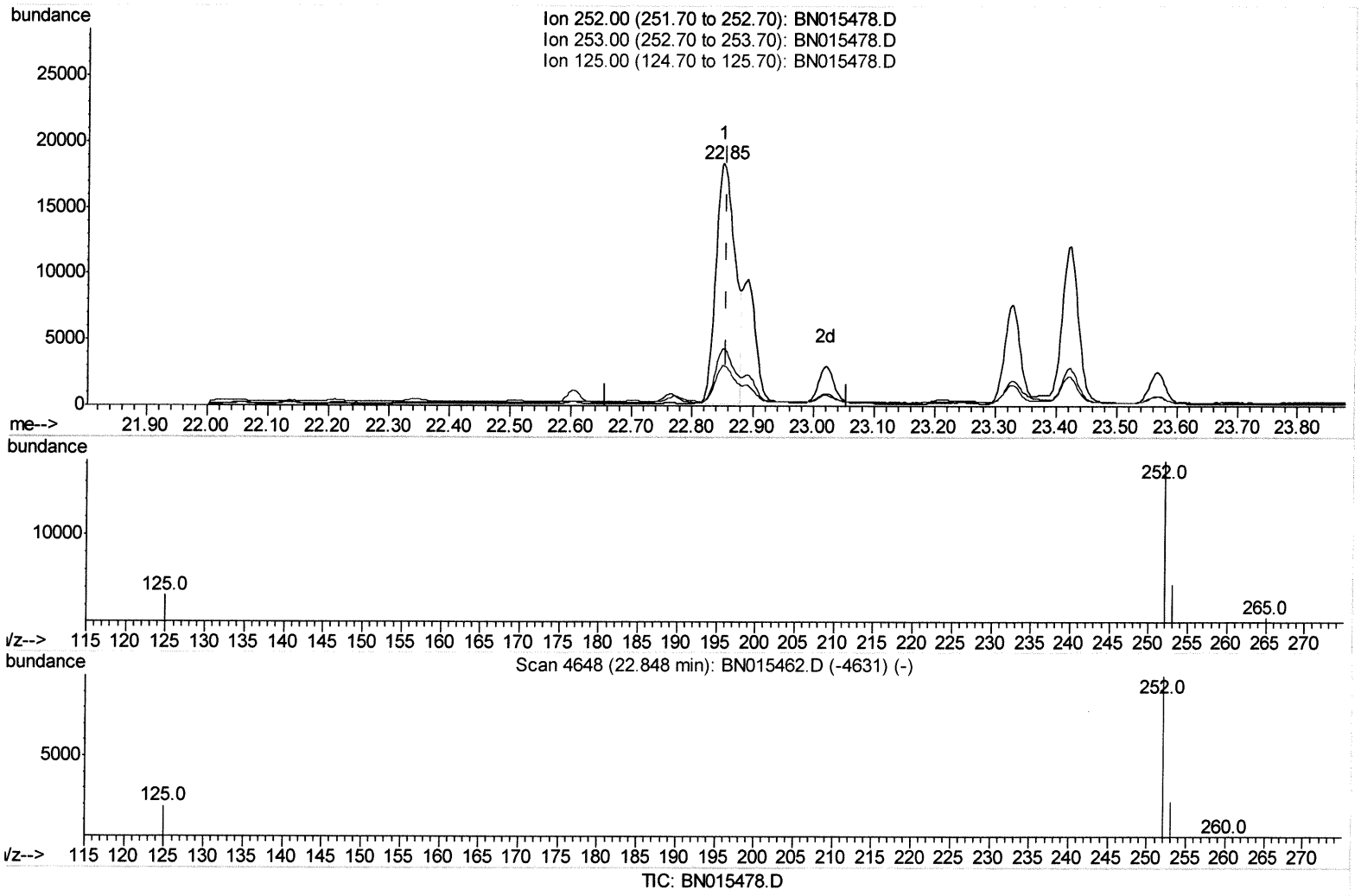
Instrument :
BNA_N
ClientSampleId :
BGDR8

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:20 AM



TIC: BN015478.D

(24) Benzo(b)fluoranthene

22.851min (-0.005) 1.04ng/ul m

response 40368

JG 7/14/21

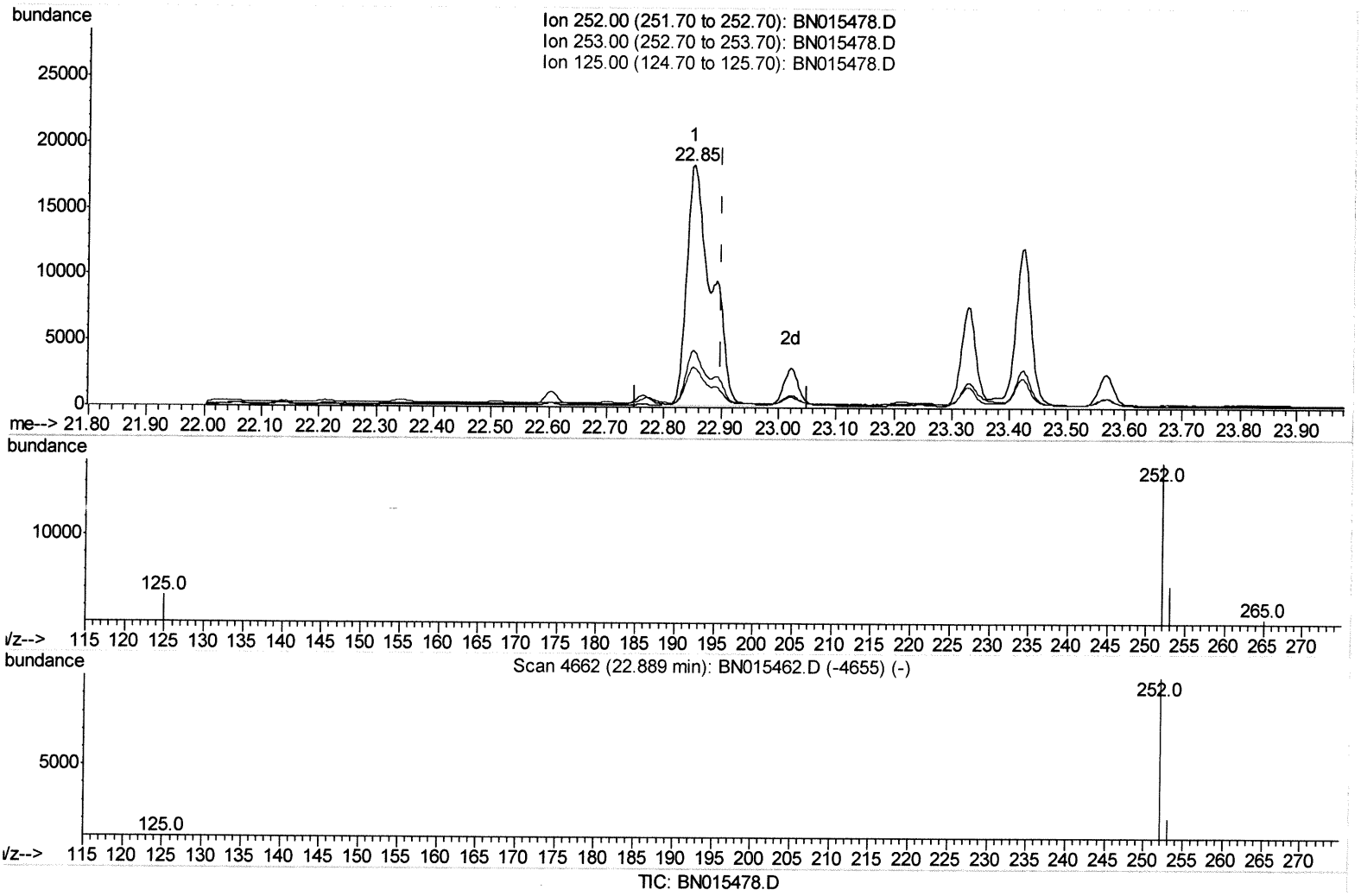
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.45
125.00	14.20	16.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015478.D
Acq On : 10 Jul 2021 11:36
Operator : CG/JU
Sample : M2808-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 11 06:45:35 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 :
BGDR8

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:20 AM



(25) Benzo(k)fluoranthene

22.851min (-0.049) 1.25ng/ul

response 55087

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.45
125.00	14.40	16.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015478.D
Acq On : 10 Jul 2021 11:36
Operator : CG/JU
Sample : M2808-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 11 06:45:35 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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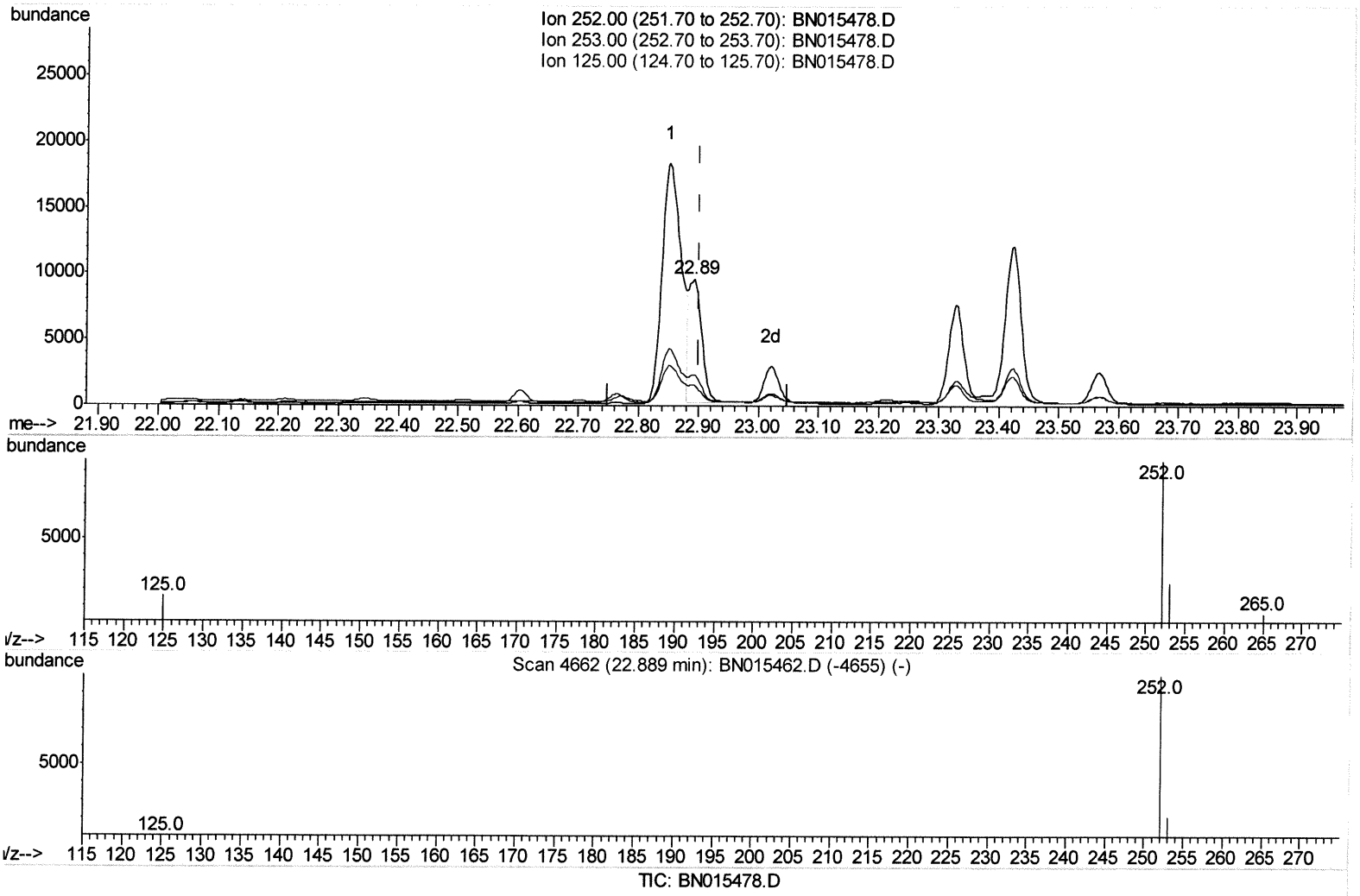
Instrument :
BNA_N
ClientSampleId :
BGDR8

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:20 AM



(25) Benzo(k)fluoranthene

22.892min (-0.008) 0.32ng/ul m

response 14192

JU 7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.63
125.00	14.40	16.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015478.D
Acq On : 10 Jul 2021 11:36
Operator : CG/JU
Sample : M2808-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGDR8

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:20 AM

Quant Time: Jul 11 06:46:22 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	3115	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	10751	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.33	164	5629	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	11509	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	9432	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	8343	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	5196	1.48	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2762	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	6024	0.19	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	1769	0.052	ng/ul#	91
10) Acenaphthylene	14.05	152	1436	0.049	ng/ul#	90
11) Acenaphthene	14.40	153	2807	0.126	ng/ul	97
12) Fluorene	15.39	166	1502	0.061	ng/ul#	97
15) Phenanthrene	17.12	178	36042	0.863	ng/ul	100
16) Anthracene	17.22	178	7903	0.215	ng/ul	99
19) Fluoranthene	19.15	202	89251	2.048	ng/ul	98
20) Pyrene	19.51	202	62703	1.434	ng/ul	99
21) Benzo(a)anthracene	21.27	228	32057	0.918	ng/ul	99
22) Chrysene	21.32	228	31244	0.747	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	40368m	1.036	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	14192m	0.323	ng/ul	
26) Benzo(a)pyrene	23.42	252	22511	0.688	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.76	276	17252	0.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.77	278	4044	0.130	ng/ul#	91
29) Benzo(g,h,i)perylene	26.45	276	2421	0.066	ng/ul#	85

JU 7/14/21

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