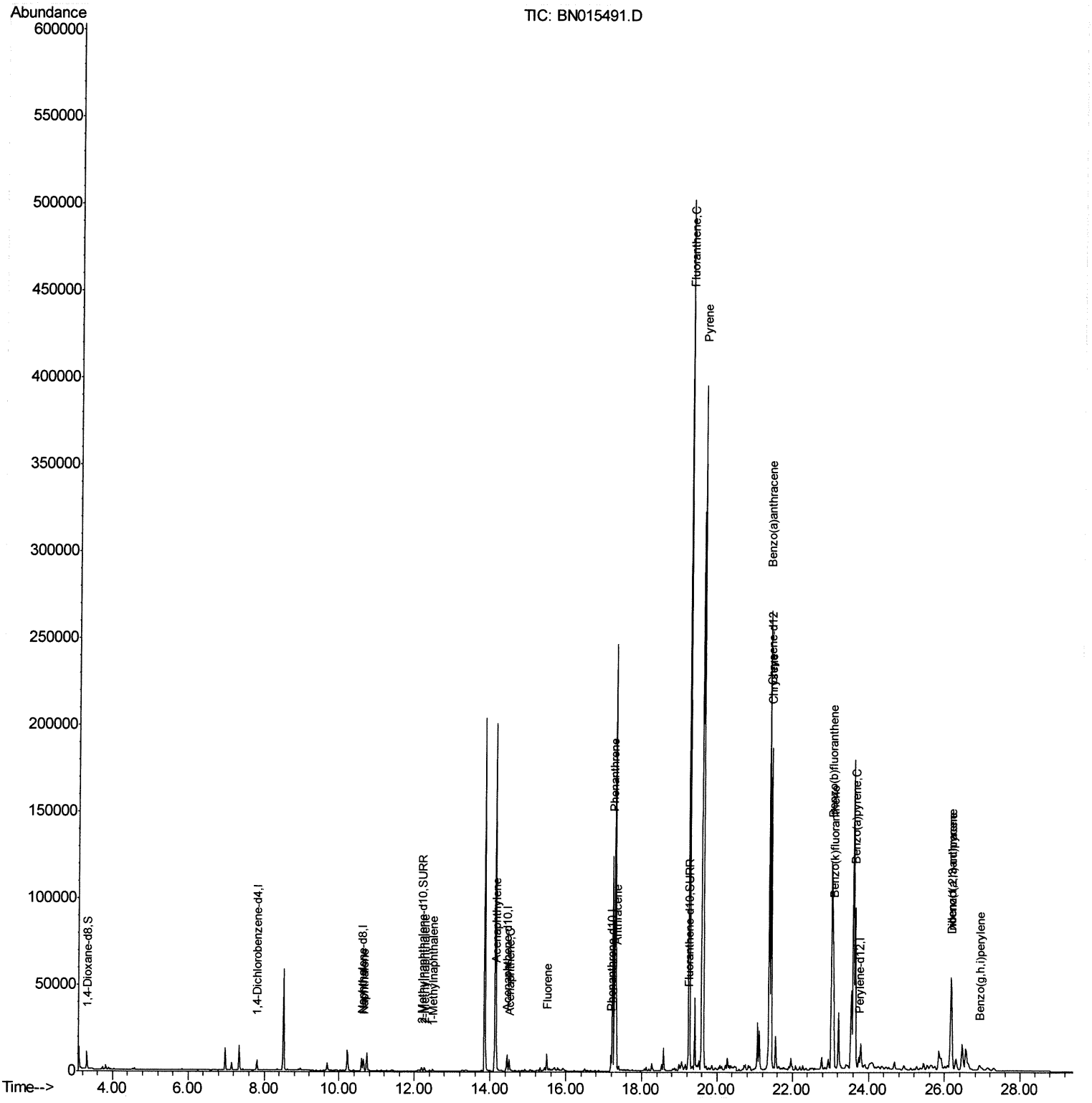
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015491.D
Acq On : 12 Jul 2021 15:55
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 12 16:26:37 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 : Mon Jul 12 15:47:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:57 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015491.D
Acq On : 12 Jul 2021 15:55
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 12 16:25:25 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 : Mon Jul 12 15:47:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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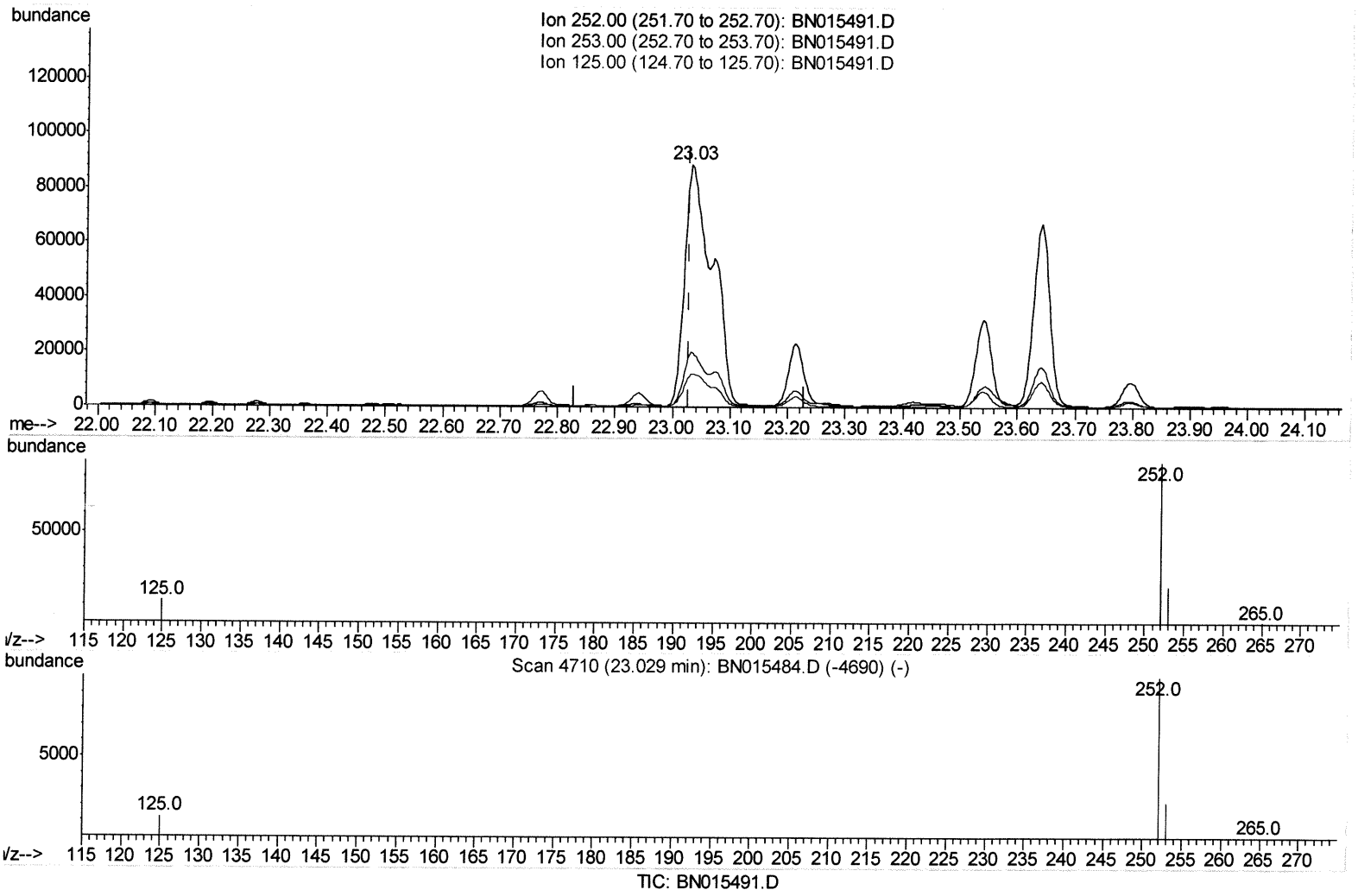

(24) Benzo(b)fluoranthene

23.031min (+0.002) 8.32ng/ul

response 296757

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.68
125.00	14.20	13.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015491.D
Acq On : 12 Jul 2021 15:55
Operator : CG/JU
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Misc :
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Quant Time: Jul 12 16:25:25 2021
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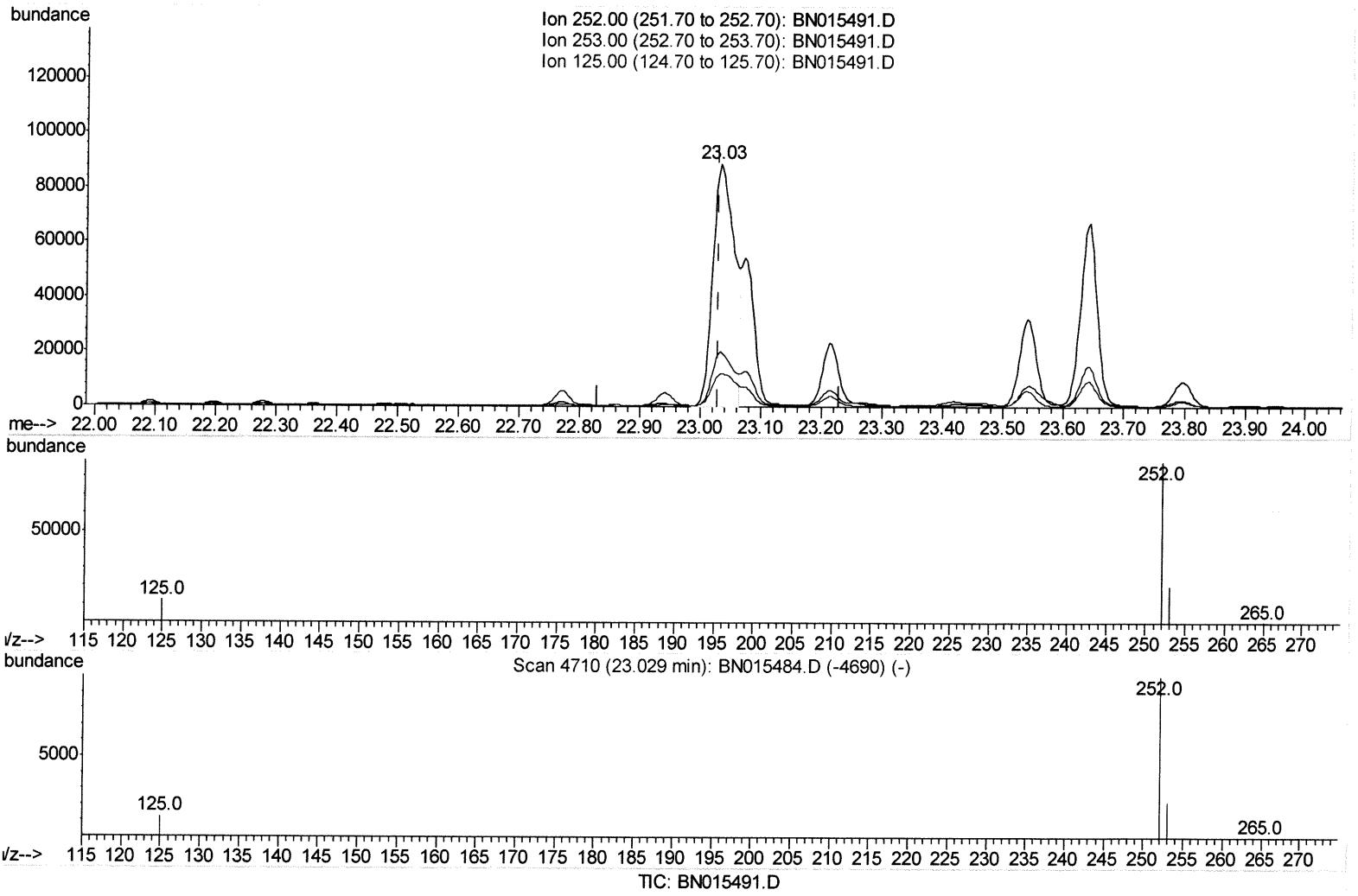
BGDS7

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:57 PM



(24) Benzo(b)fluoranthene

23.031min (+0.002) 6.07ng/ul m

response 216561

JG 7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.68
125.00	14.20	13.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015491.D
Acq On : 12 Jul 2021 15:55
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 12 16:25:25 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 : Mon Jul 12 15:47:53 2021
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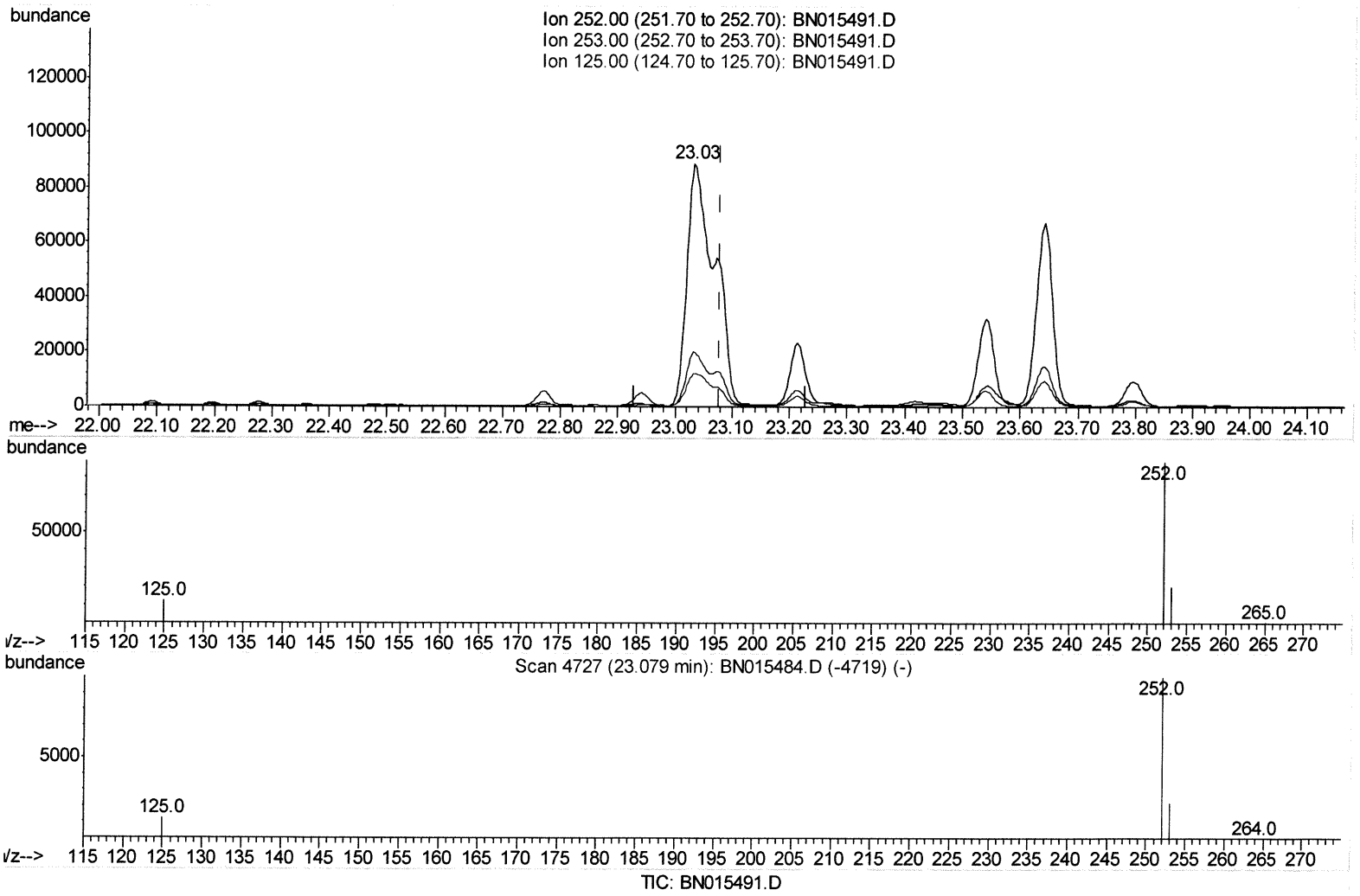
Instrument :
BNA_N
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:57 PM



TIC: BN015491.D

(25) Benzo(k)fluoranthene

23.031min (-0.047) 7.37ng/ul

response 296757

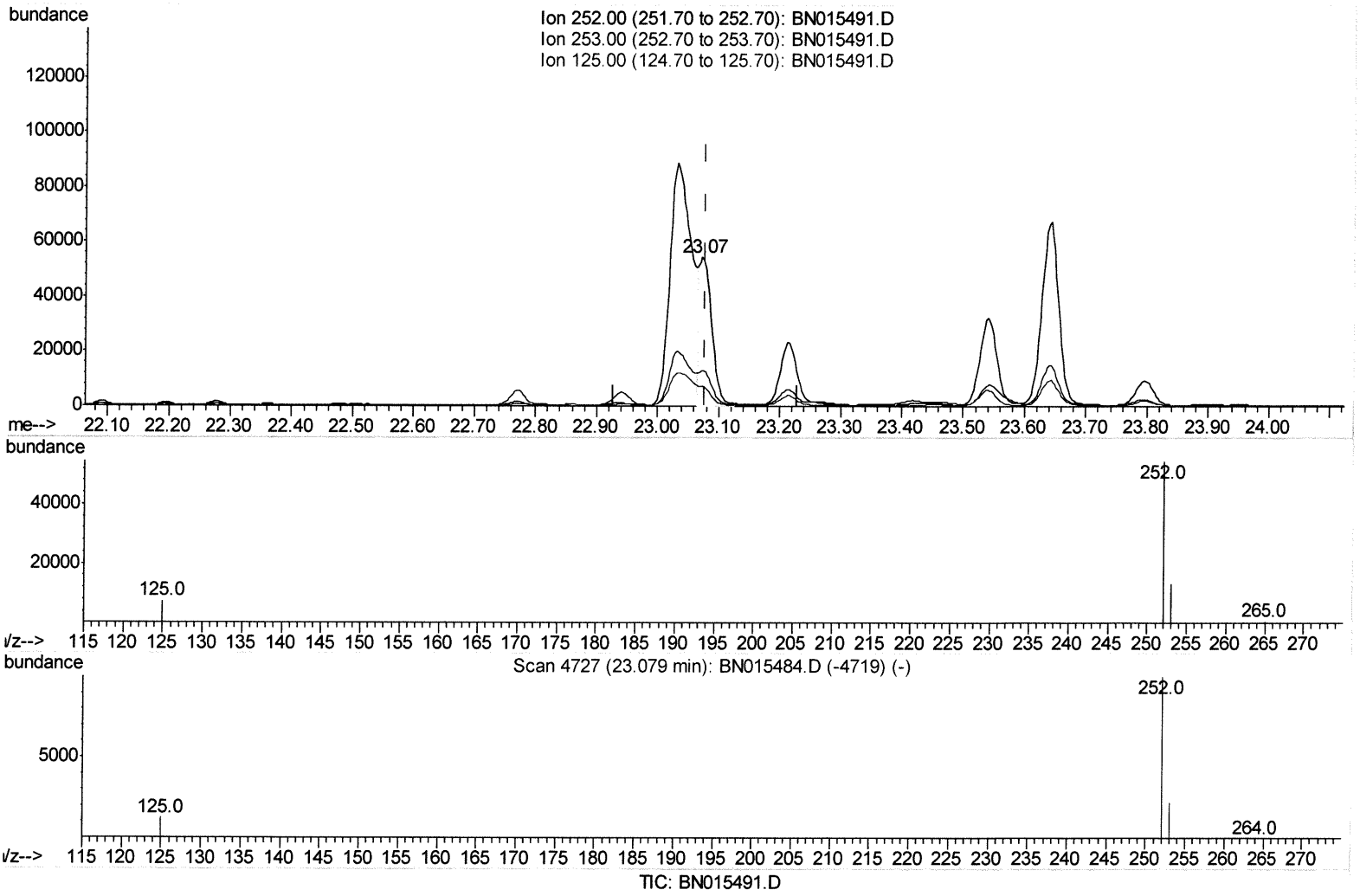
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.68
125.00	14.40	13.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015491.D
Acq On : 12 Jul 2021 15:55
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 12 16:25:25 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 : Mon Jul 12 15:47:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDS7

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:57 PM



TIC: BN015491.D

(25) Benzo(k)fluoranthene

23.072min (-0.006) 2.04ng/ul m

JU 7/14/21

response 82361

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.83
125.00	14.40	13.43
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015491.D
Acq On : 12 Jul 2021 15:55
Operator : CG/JU
Sample : M2808-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2942	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	9994	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.45	164	5121	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	10067	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	8180	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	7639	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6677	2.01	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	2487	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	5598	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	9217	0.289	ng/ul	99
7) 2-Methylnaphthalene	12.27	142	1231	0.059	ng/ul	99
8) 1-Methylnaphthalene	12.48	142	530	0.026	ng/ul	99
10) Acenaphthylene	14.16	152	20327	0.768	ng/ul	100
11) Acenaphthene	14.51	153	3859	0.190	ng/ul	99
12) Fluorene	15.50	166	6449	0.288	ng/ul	98
15) Phenanthrene	17.23	178	128310	3.512	ng/ul	100
16) Anthracene	17.33	178	48768	1.514	ng/ul	99
19) Fluoranthene	19.26	202	413523	10.940	ng/ul	100
20) Pyrene	19.62	202	311838	8.226	ng/ul	100
21) Benzo(a)anthracene	21.37	228	213771	7.055	ng/ul	96
22) Chrysene	21.43	228	174368	4.807	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	216561m	6.068	ng/ul	96
25) Benzo(k)fluoranthene	23.07	252	82361m	2.045	ng/ul	96
26) Benzo(a)pyrene	23.64	252	129758	4.329	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.17	276	83432	2.305	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.18	278	24006	0.846	ng/ul	97
29) Benzo(g,h,i)perylene	26.91	276	7864	0.234	ng/ul#	90

JU 7/14/21

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