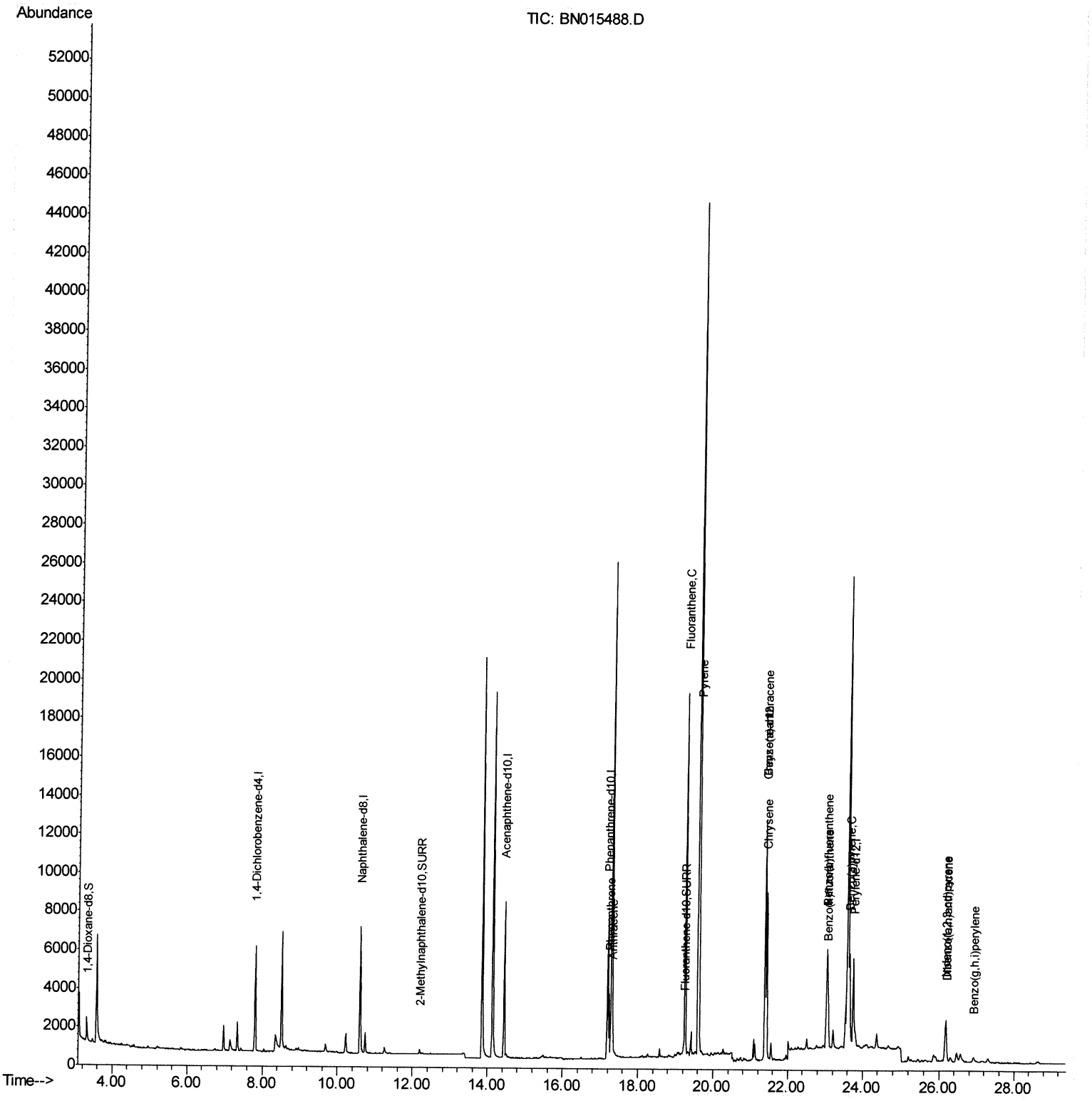
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015488.D
Acq On : 12 Jul 2021 14:05
Operator : CG/JU
Sample : M2808-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 14:42:38 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 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:47 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015488.D
Acq On : 12 Jul 2021 14:05
Operator : CG/JU
Sample : M2808-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 14:40:44 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 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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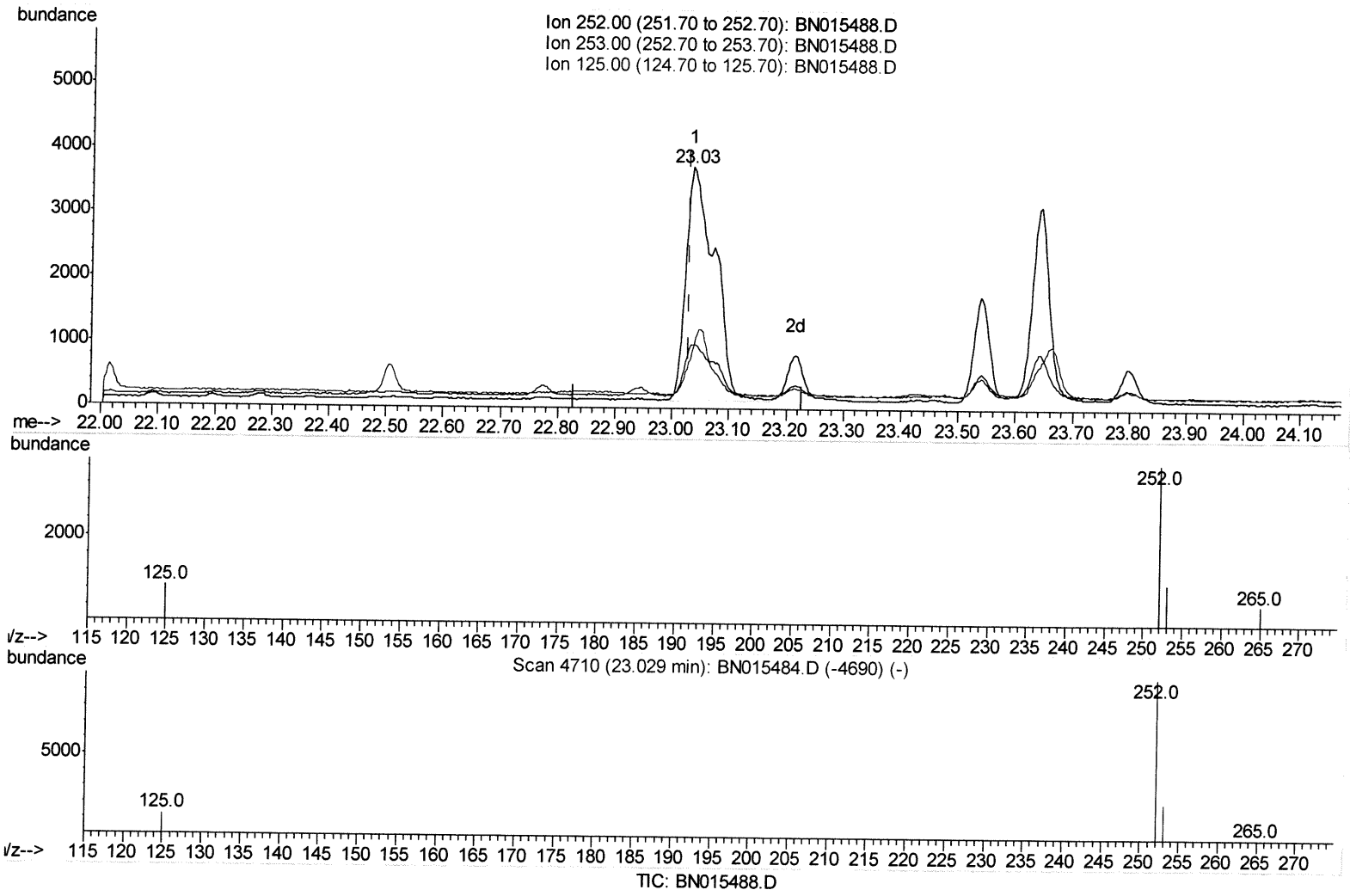

(24) Benzo(b)fluoranthene

23.035min (+0.006) 0.42ng/ul

response 12599

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	26.24
125.00	14.20	23.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015488.D
Acq On : 12 Jul 2021 14:05
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Quant Time: Jul 12 14:40:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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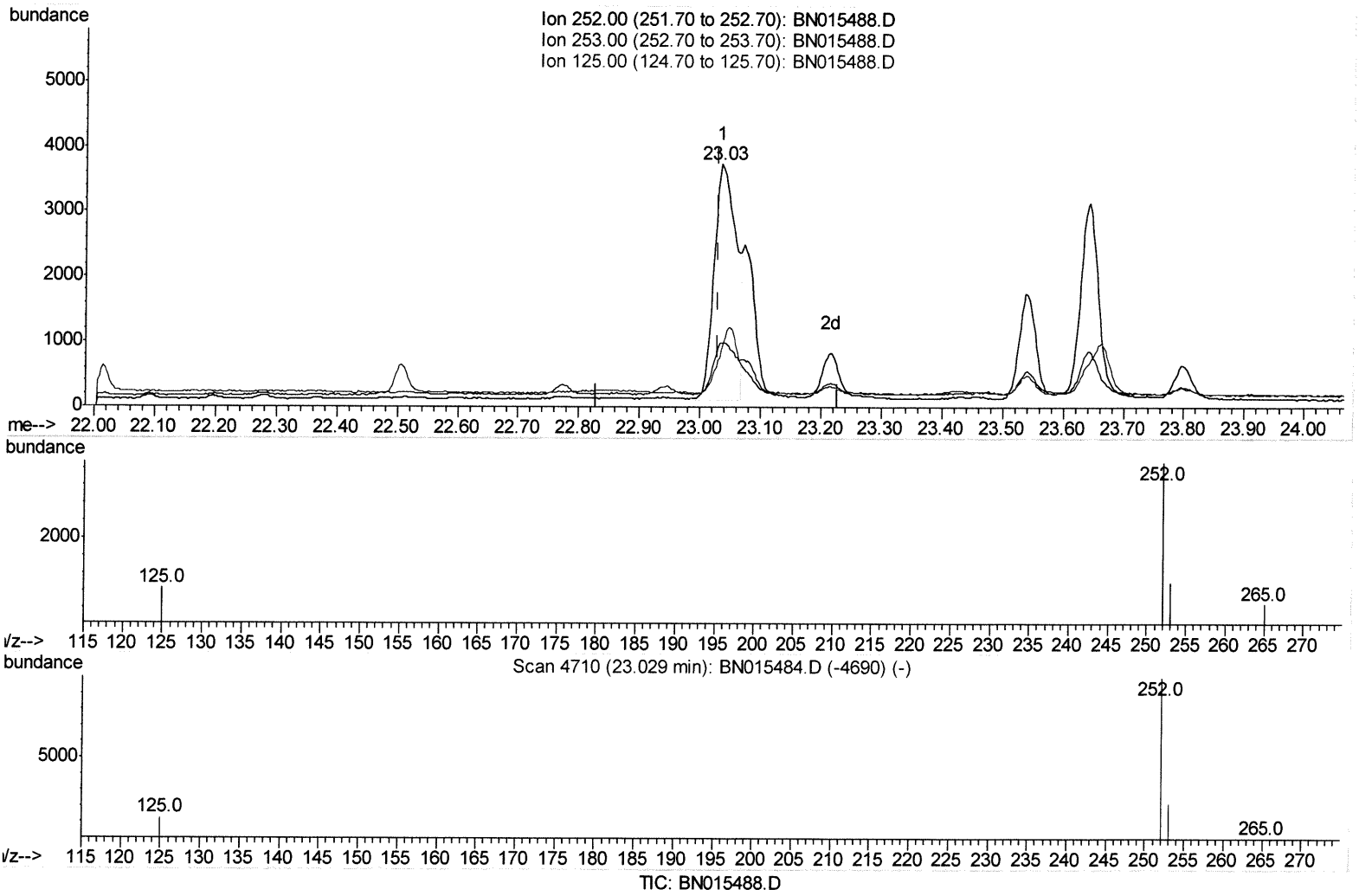
Manual Integrations APPROVED
mohammad
7/13/2021 1:43:47 PM



(24) Benzo(b)fluoranthene

23.035min (+0.006) 0.31ng/ul m

response 9166

JG 7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	26.24
125.00	14.20	23.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015488.D
Acq On : 12 Jul 2021 14:05
Operator : CG/JU
Sample : M2808-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 14:40:44 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 11:02:52 2021
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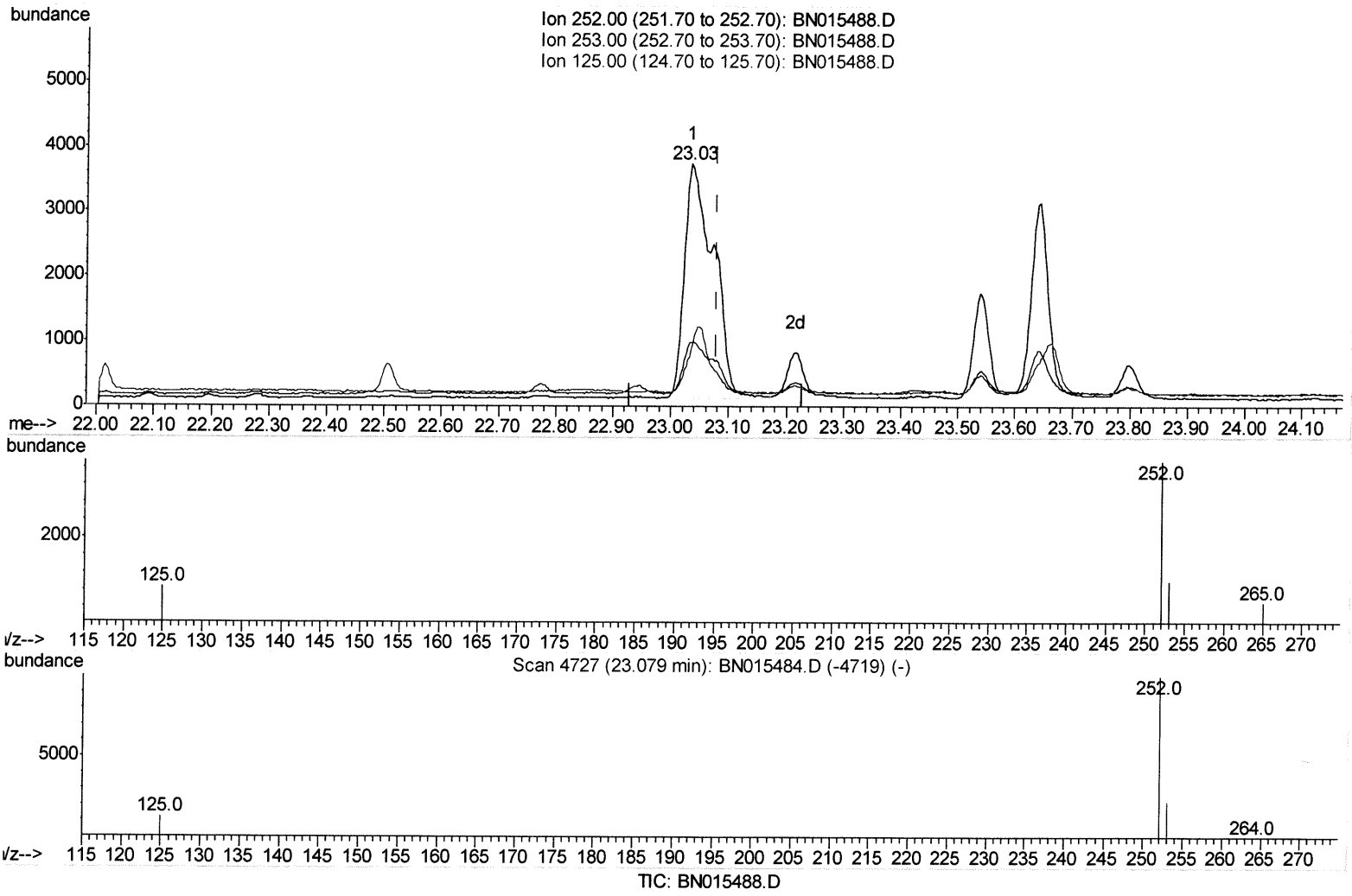
Instrument :
BNA_N
ClientSampleId :
BGDT5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:47 PM



(25) Benzo(k)fluoranthene

23.035min (-0.044) 0.37ng/ul

response 12599

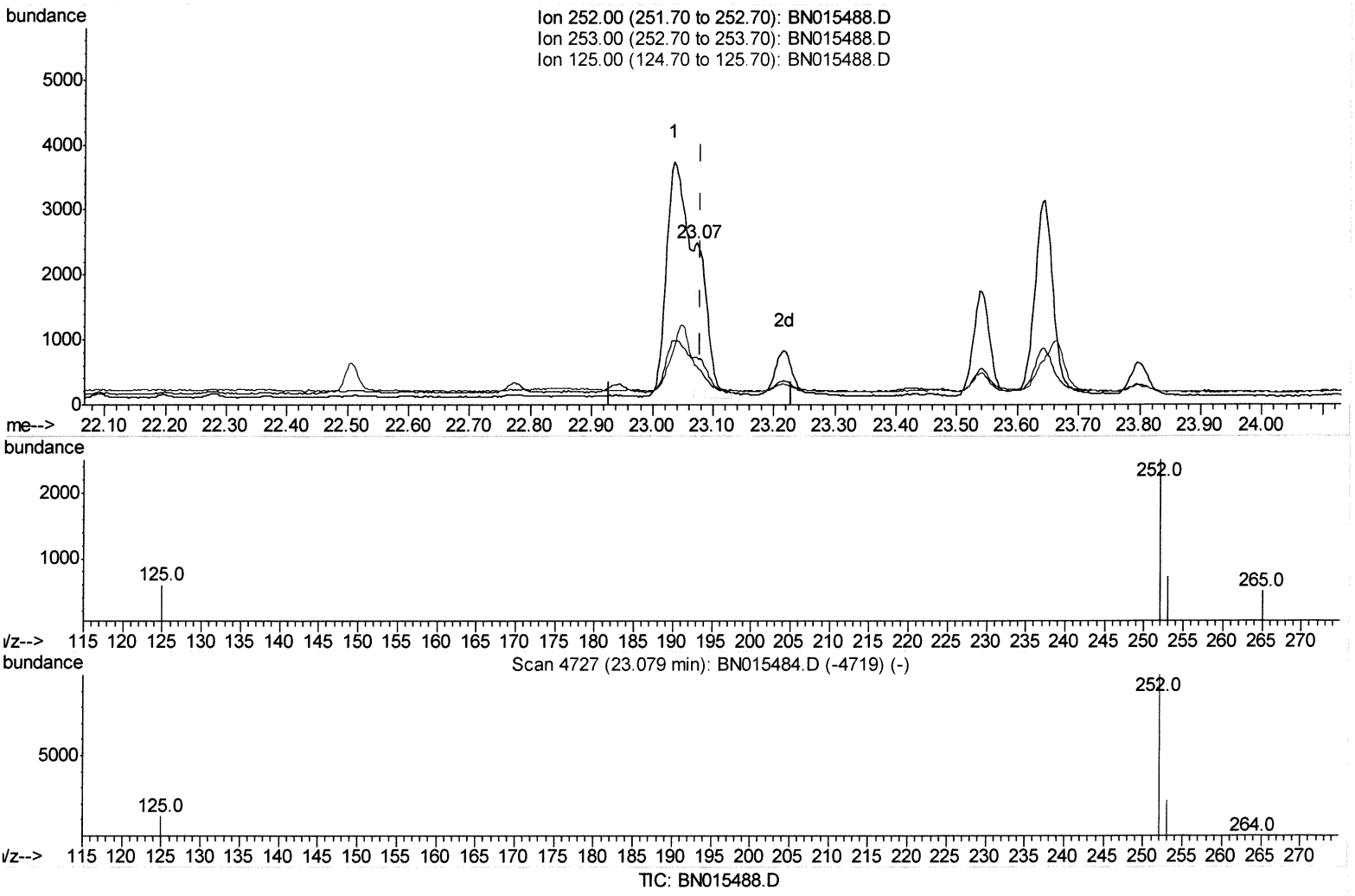
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.24
125.00	14.40	23.11#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015488.D
Acq On : 12 Jul 2021 14:05
Operator : CG/JU
Sample : M2808-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 14:40:44 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 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT5DL

Manual Integrations APPROVED
mohammad
7/13/2021 1:43:47 PM



(25) Benzo(k)fluoranthene

23.073min (-0.006) 0.11ng/ul m

response 3566

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	29.30#
125.00	14.40	23.69#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015488.D
Acq On : 12 Jul 2021 14:05
Operator : CG/JU
Sample : M2808-14DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2735	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	9007	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.45	164	4493	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.20	188	8711	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	7343	0.40	ng/ul	0.00
23) Perylene-d12	23.75	264	6375	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	886	0.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	311	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	706	0.03	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.23	178	3507	0.111	ng/ul	96
16) Anthracene	17.33	178	1727	0.062	ng/ul#	90
19) Fluoranthene	19.26	202	15485	0.456	ng/ul	98
20) Pyrene	19.62	202	13050	0.383	ng/ul	98
21) Benzo(a)anthracene	21.37	228	9013	0.331	ng/ul	95
22) Chrysene	21.43	228	8183	0.251	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	9166m	0.308	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	3566m	0.106	ng/ul	JQ 7/14/21
26) Benzo(a)pyrene	23.64	252	6228	0.249	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.17	276	3460	0.115	ng/ul	99
28) Dibenzo(a,h)anthracene	26.19	278	958	0.040	ng/ul#	50
29) Benzo(g,h,i)perylene	26.91	276	564	0.020	ng/ul#	54

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