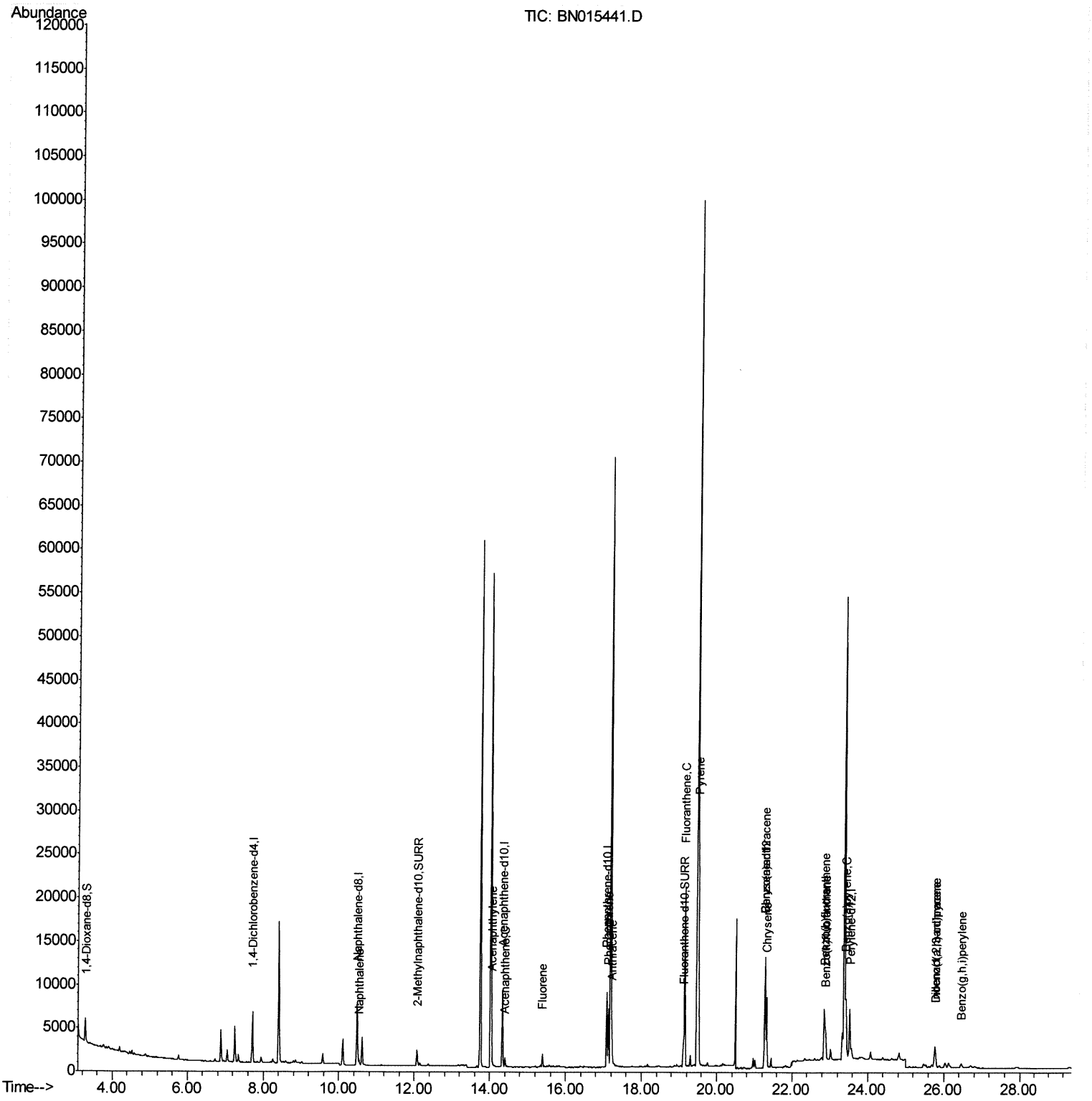
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015441.D
Acq On : 09 Jul 2021 12:09
Operator : CG/JU
Sample : M2825-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 09 12:41:16 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 :
BGDR5

Manual Integrations APPROVED
mohammad
7/9/2021 3:04:55 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015441.D
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Operator : CG/JU
Sample : M2825-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 09 12:39:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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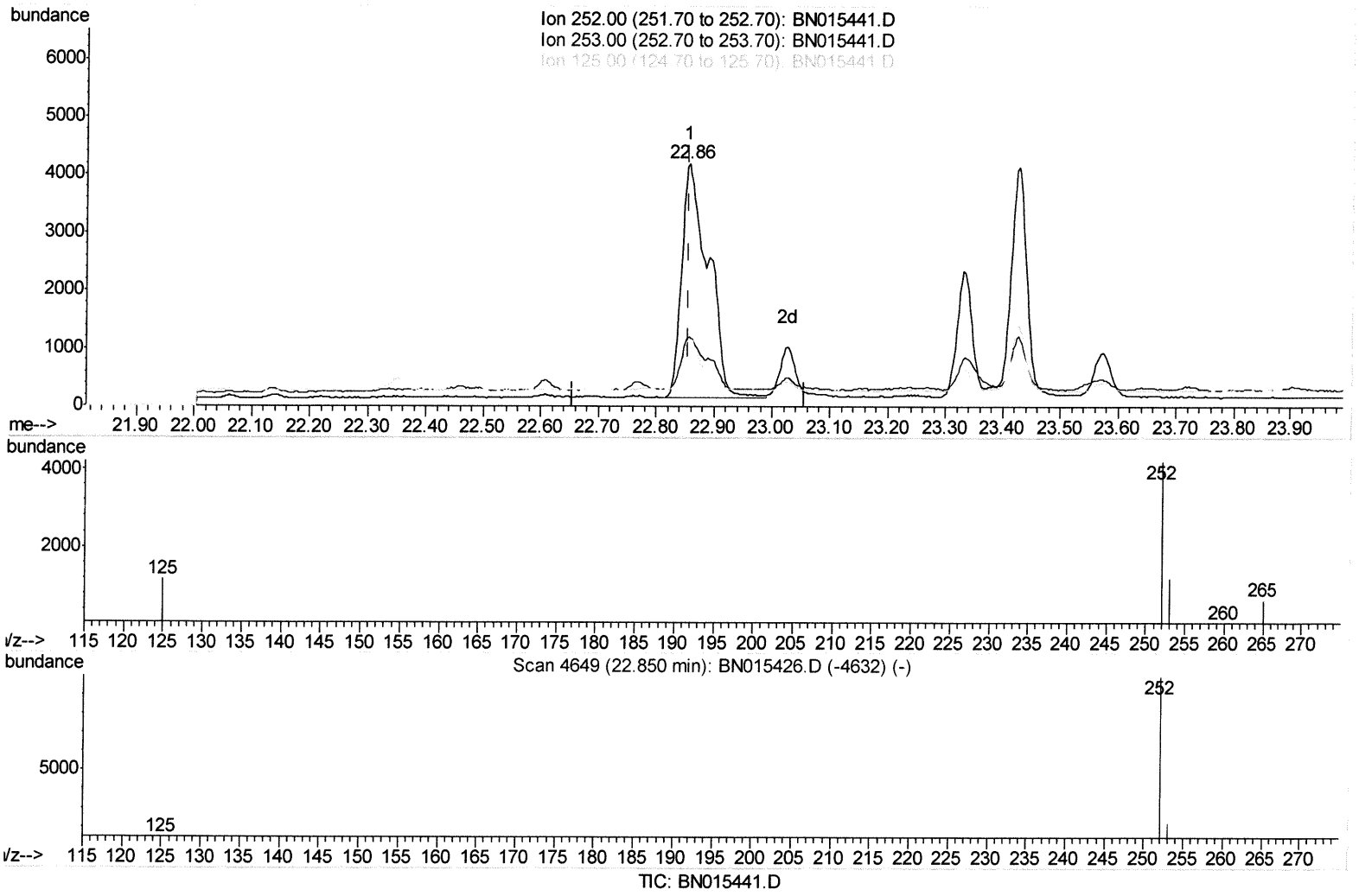

TIC: BN015441.D

(24) Benzo(b)fluoranthene

22.856min (+0.000) 0.38ng/ul

response 12860

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	28.82
125.00	14.20	27.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
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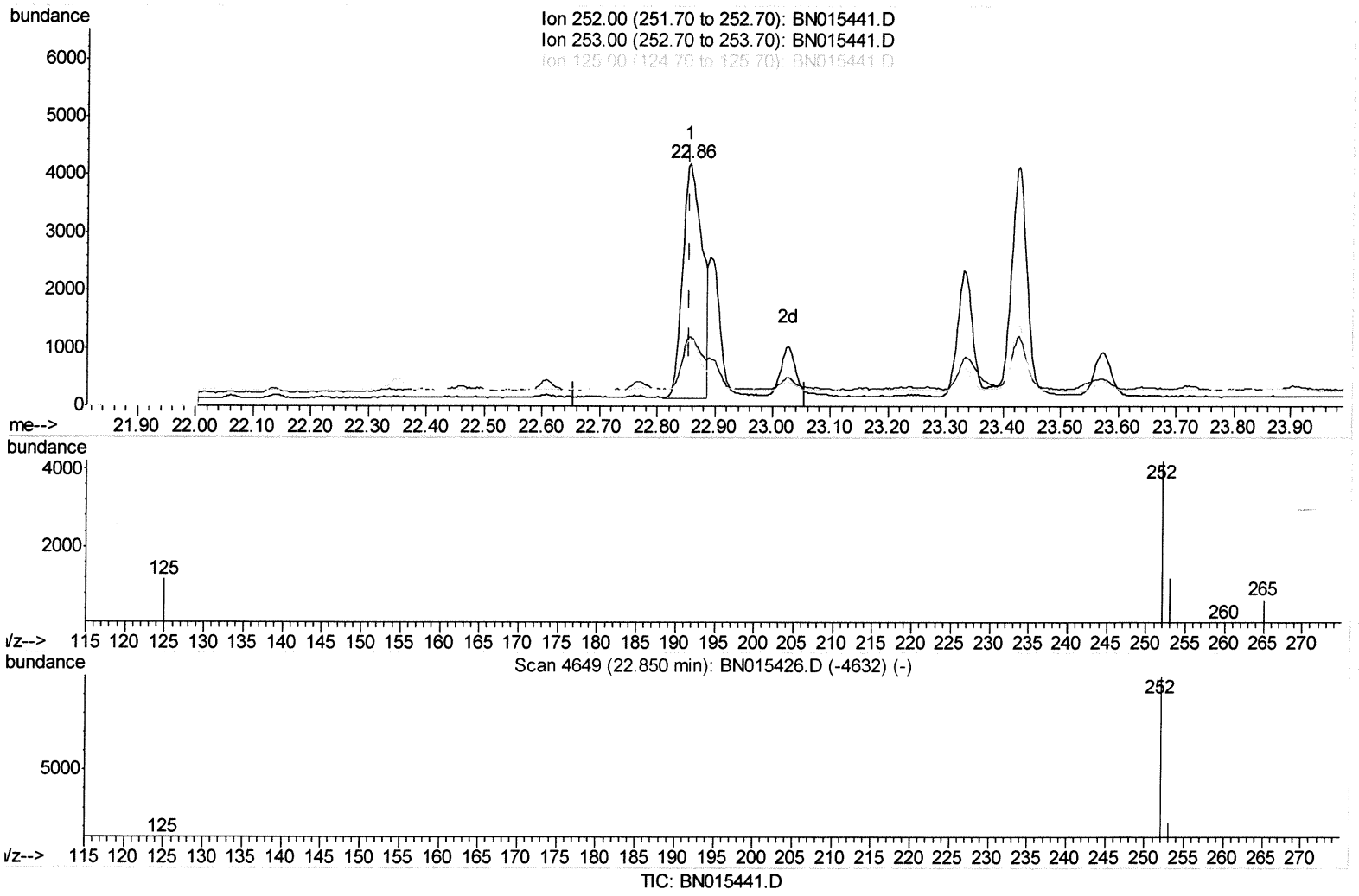
Manual Integrations APPROVED
mohammad
7/9/2021 3:04:55 PM



TIC: BN015441.D

(24) Benzo(b)fluoranthene

22.856min (+0.000) 0.28ng/ul m 07/12/21 JU

response 9442

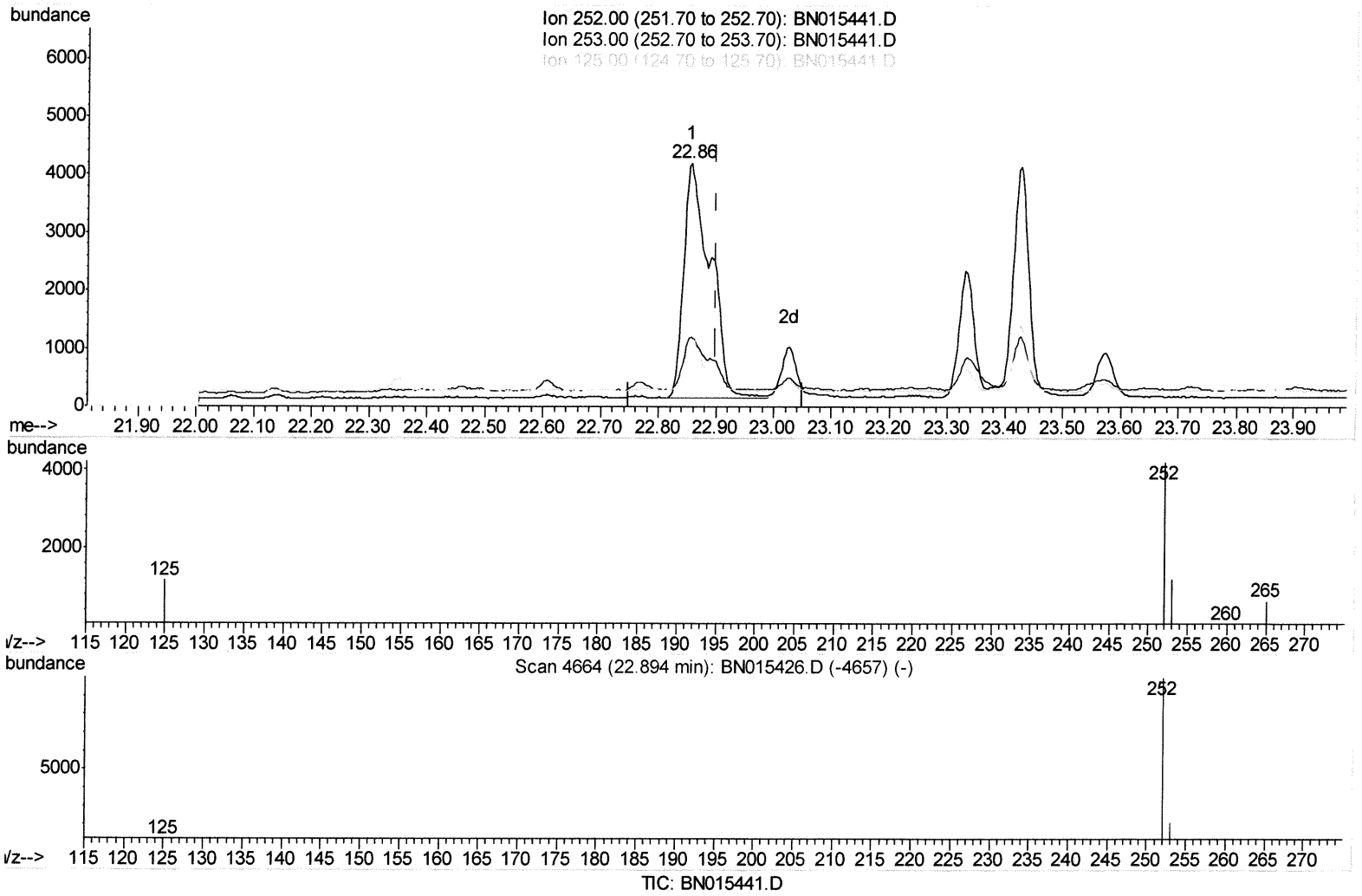
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	28.82
125.00	14.20	27.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015441.D
Acq On : 09 Jul 2021 12:09
Operator : CG/JU
Sample : M2825-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 09 12:39:19 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 :
BGDR5

Manual Integrations APPROVED
mohammad
7/9/2021 3:04:55 PM



(25) Benzo(k)fluoranthene

22.856min (-0.043) 0.34ng/ul

response 12860

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	28.82#
125.00	14.40	27.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015441.D
Acq On : 09 Jul 2021 12:09
Operator : CG/JU
Sample : M2825-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 09 12:39:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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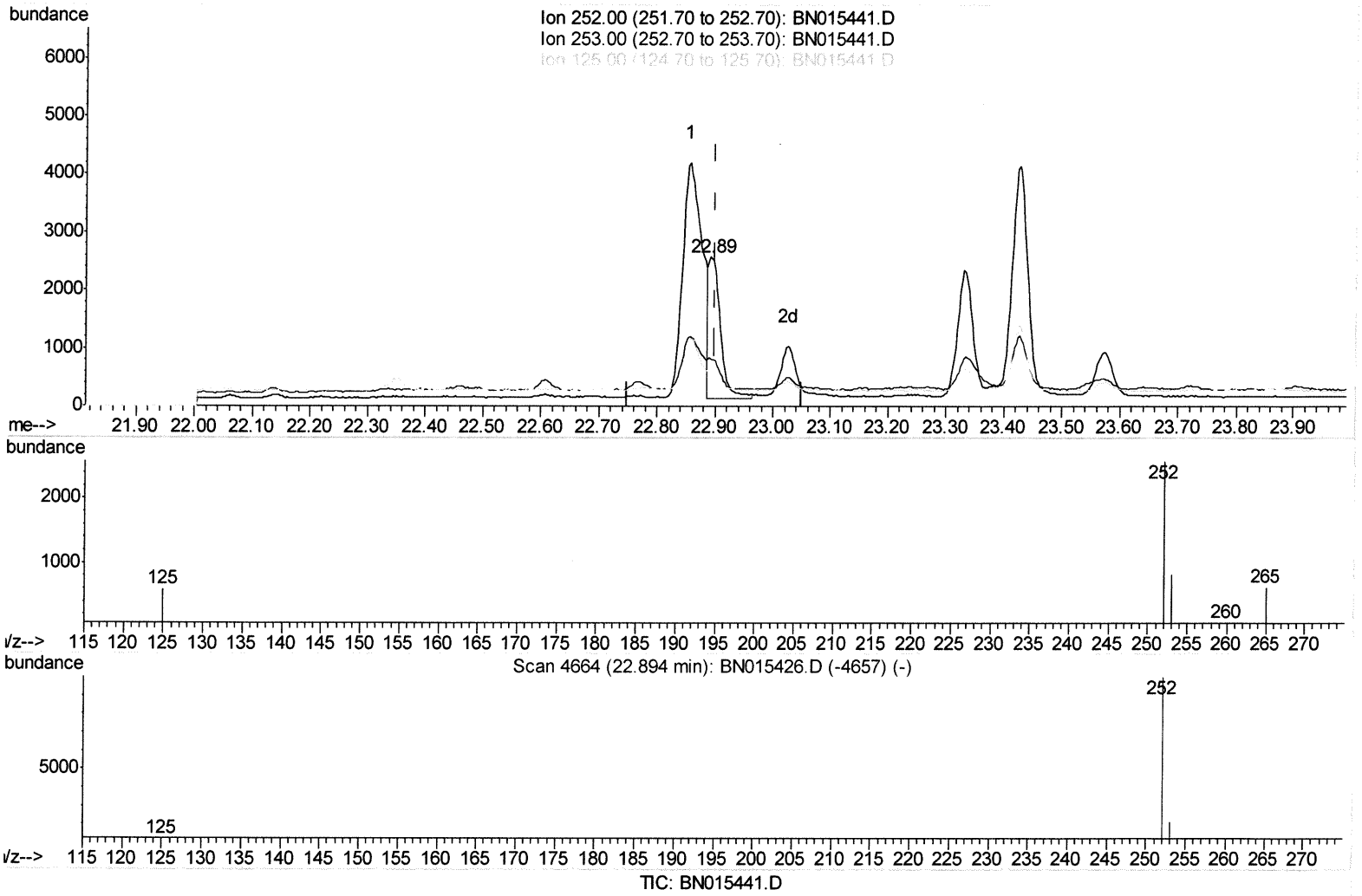
Instrument :
BNA_N
ClientSampleId :
BGDR5

Manual Integrations APPROVED
mohammad
7/9/2021 3:04:55 PM



(25) Benzo(k)fluoranthene

22.892min (-0.008) 0.09ng/ul m 07/12/21 JU

response 3567

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	32.14#
125.00	14.40	22.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015441.D
Acq On : 09 Jul 2021 12:09
Operator : CG/JU
Sample : M2825-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2722	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	9242	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	4866	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	9826	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	8160	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	7274	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1923	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2338	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	4526	0.17	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	1063	0.036	ng/ul#	82
10) Acenaphthylene	14.06	152	711	0.028	ng/ul#	80
11) Acenaphthene	14.40	153	633	0.033	ng/ul	93
12) Fluorene	15.39	166	956	0.045	ng/ul#	94
15) Phenanthrene	17.12	178	6836	0.192	ng/ul	98
16) Anthracene	17.22	178	2878	0.092	ng/ul	94
19) Fluoranthene	19.15	202	17165	0.455	ng/ul	99
20) Pyrene	19.51	202	21358	0.565	ng/ul	100
21) Benzo(a)anthracene	21.27	228	8877	0.294	ng/ul	94
22) Chrysene	21.32	228	7546	0.209	ng/ul	96
24) Benzo(b)fluoranthene	22.86	252	9442m	0.278	ng/ul	07/12/21 JU
25) Benzo(k)fluoranthene	22.89	252	3567m	0.093	ng/ul	
26) Benzo(a)pyrene	23.43	252	7581	0.266	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.77	276	3879	0.113	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.78	278	1021	0.038	ng/ul#	60
29) Benzo(g,h,i)perylene	26.46	276	971	0.030	ng/ul#	69

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