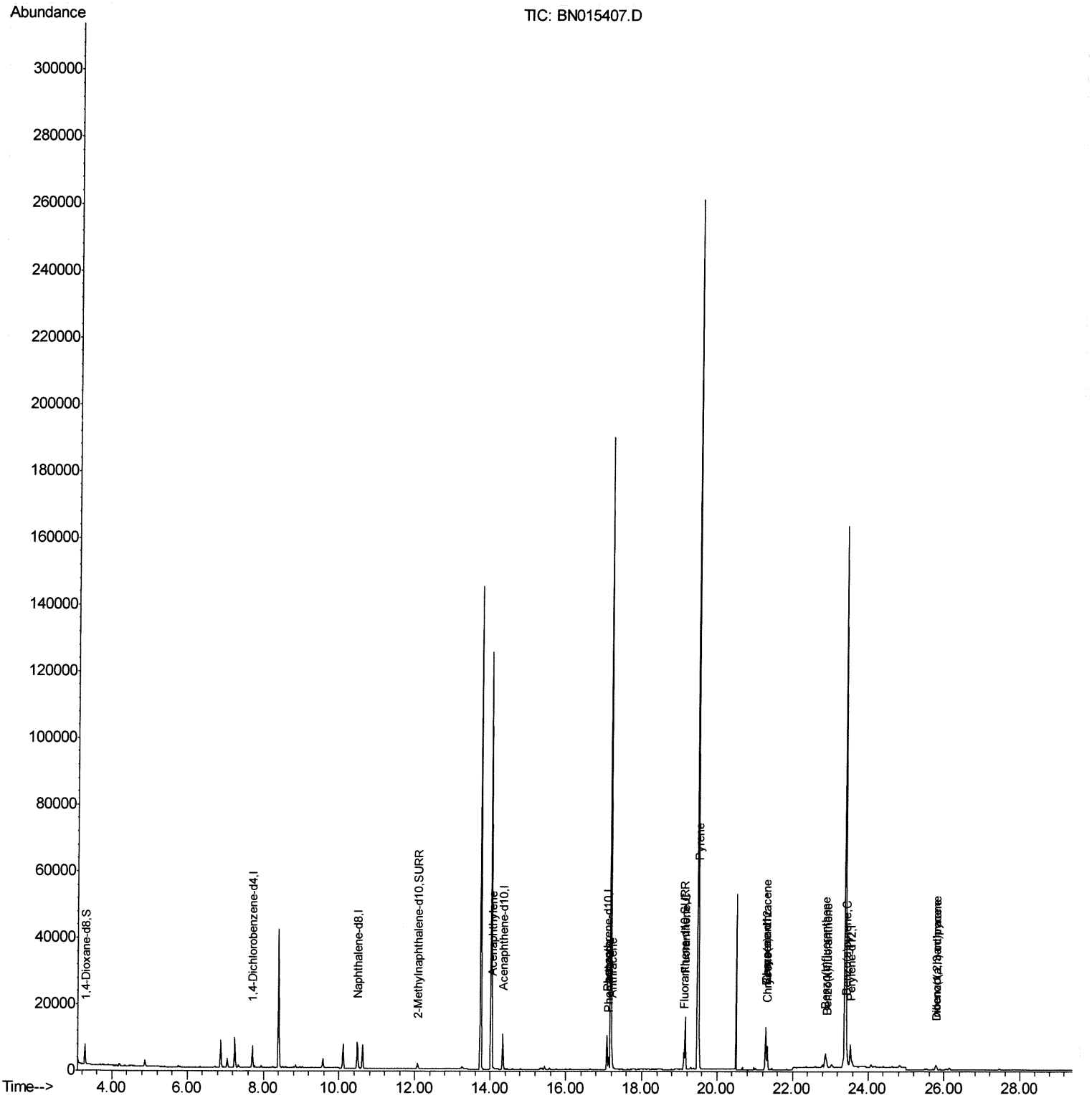
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015407.D
Acq On : 08 Jul 2021 14:07
Operator : CG/JU
Sample : M2825-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 15:00:24 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 :
BGDP9

Manual Integrations APPROVED
mohammad
7/9/2021 3:03:33 PM

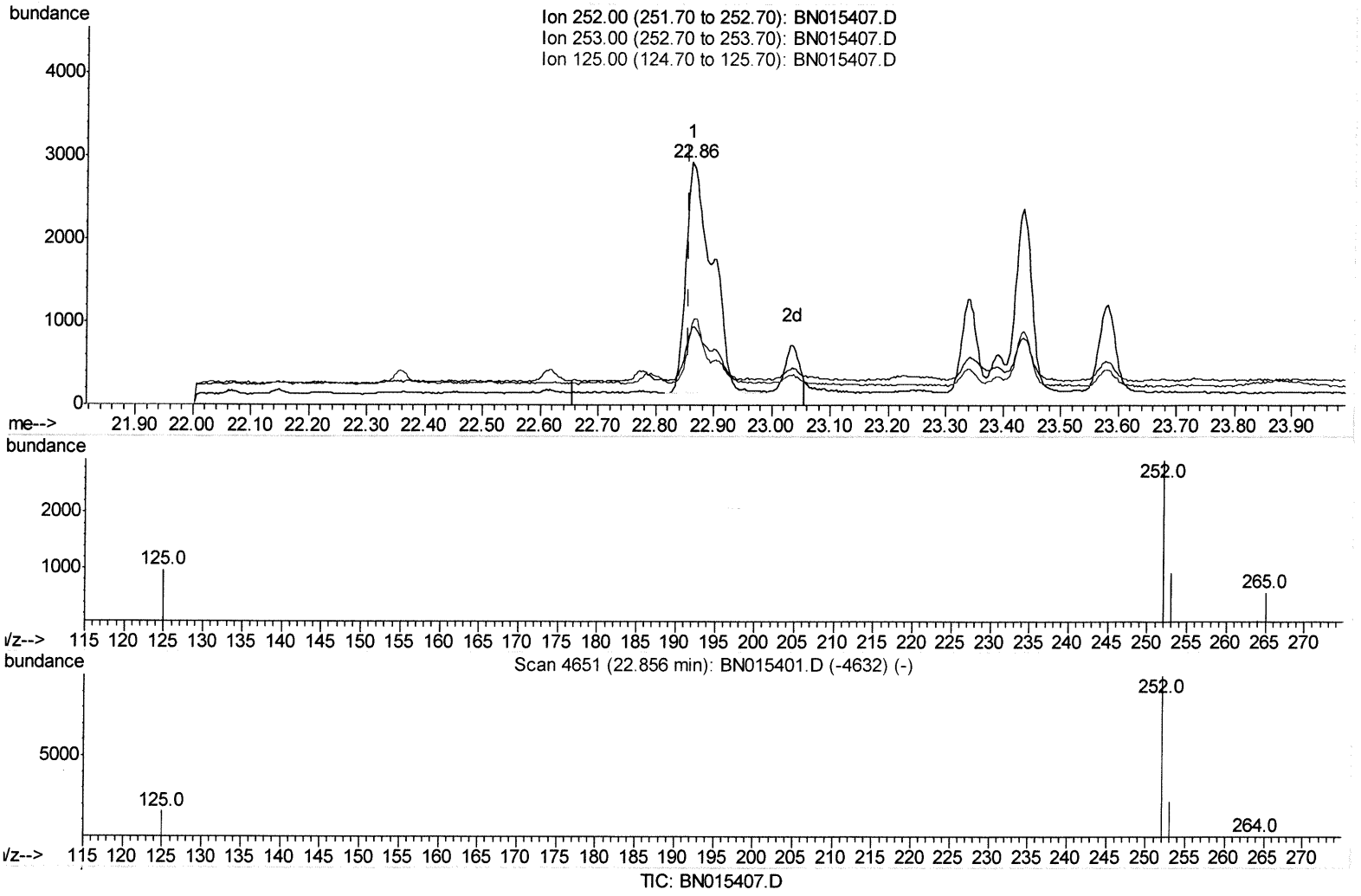


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015407.D
Acq On : 08 Jul 2021 14:07
Operator : CG/JU
Sample : M2825-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 14:58:32 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 :
BGDP9

Manual Integrations APPROVED
mohammad
7/9/2021 3:03:33 PM



TIC: BN015407.D

(24) Benzo(b)fluoranthene

22.862min (+0.006) 0.22ng/ul

response 8814

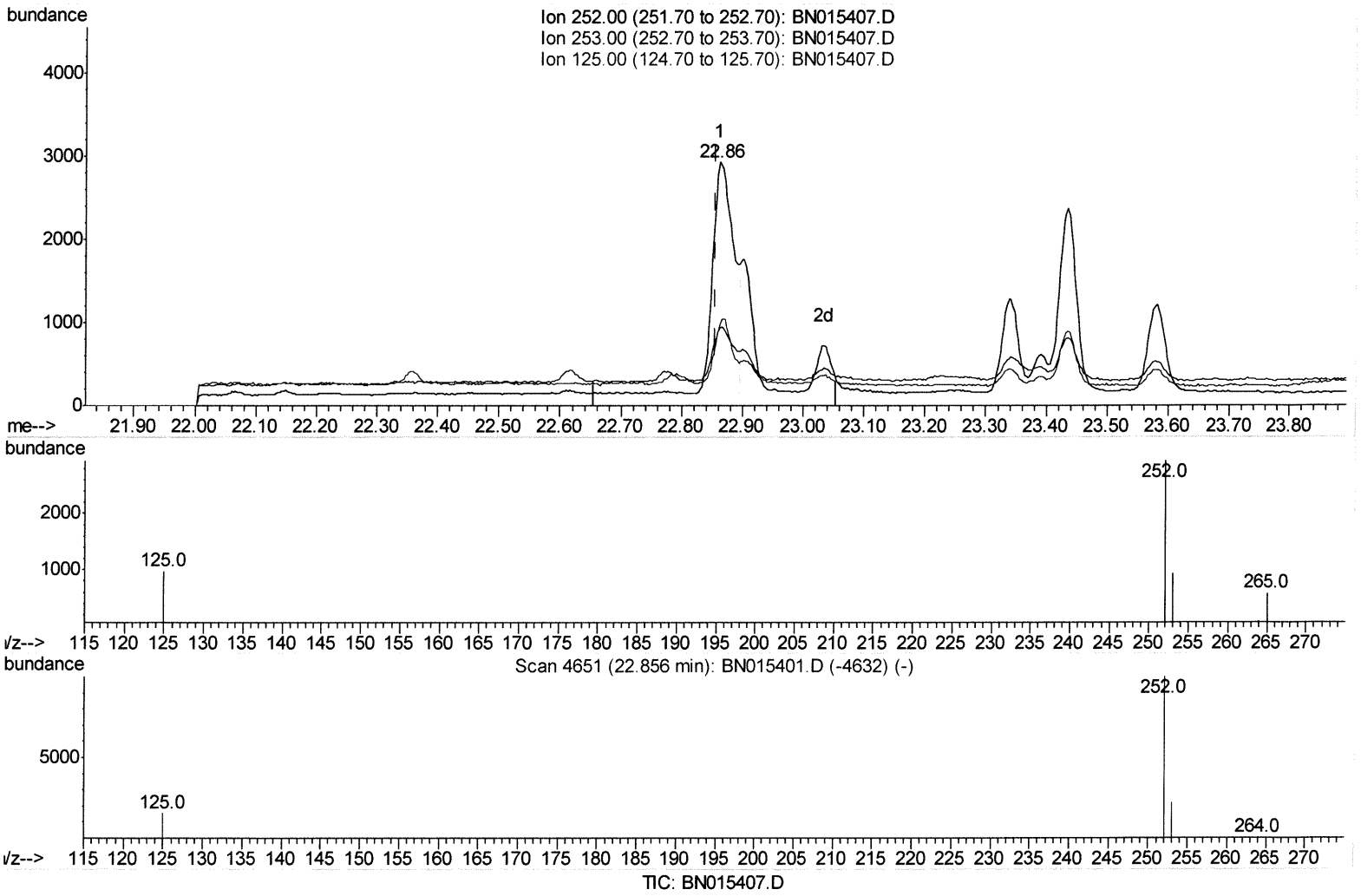
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	31.70
125.00	14.20	33.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015407.D
Acq On : 08 Jul 2021 14:07
Operator : CG/JU
Sample : M2825-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 14:58:32 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 :
BGDP9

Manual Integrations APPROVED
mohammad
7/9/2021 3:03:33 PM



(24) Benzo(b)fluoranthene

22.862min (+0.006) 0.17ng/ul m 07/12/21 JU

response 6666

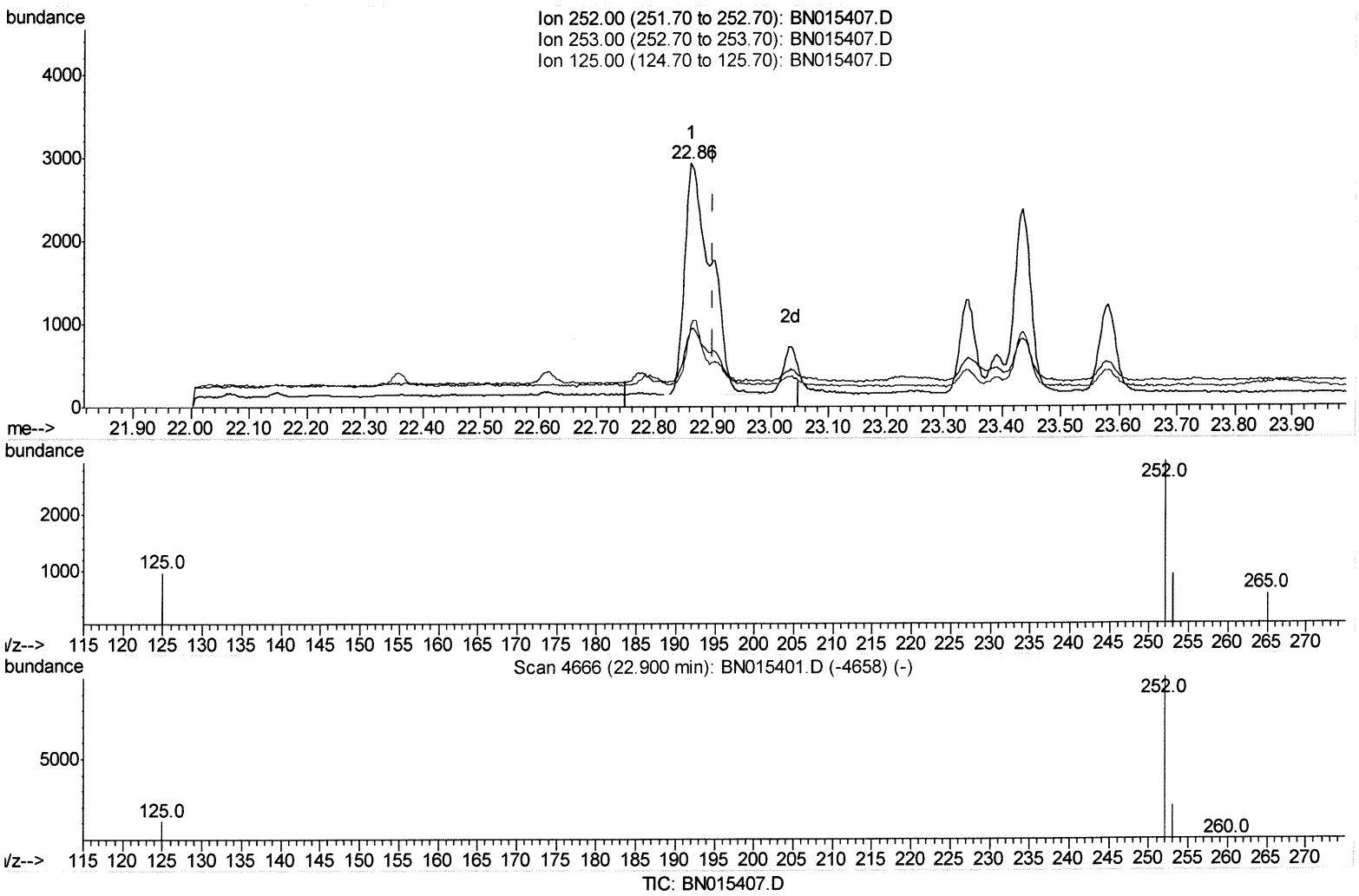
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	31.70
125.00	14.20	33.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015407.D
Acq On : 08 Jul 2021 14:07
Operator : CG/JU
Sample : M2825-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 14:58:32 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 :
BGDP9

Manual Integrations APPROVED
mohammad
7/9/2021 3:03:33 PM



TIC: BN015407.D

(25) Benzo(k)fluoranthene

22.862min (-0.038) 0.20ng/ul

response 8814

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	31.70#
125.00	14.40	33.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015407.D
Acq On : 08 Jul 2021 14:07
Operator : CG/JU
Sample : M2825-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 08 14:58:32 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 :
BGDP9

Manual Integrations APPROVED
mohammad
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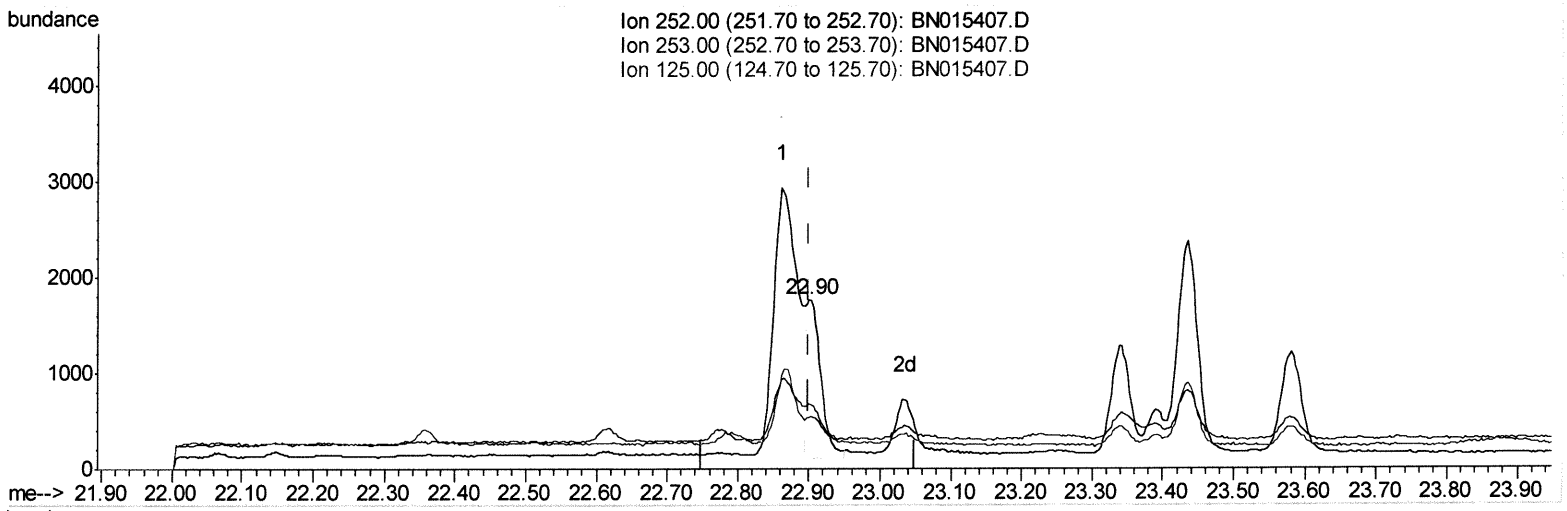

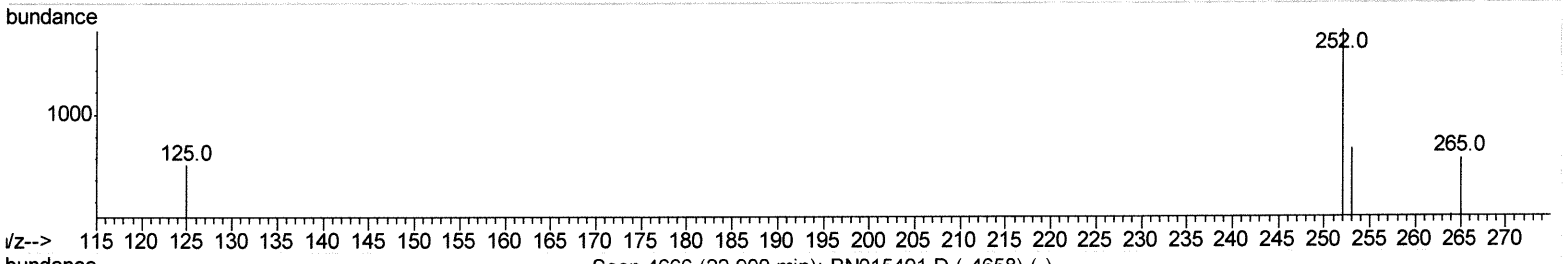

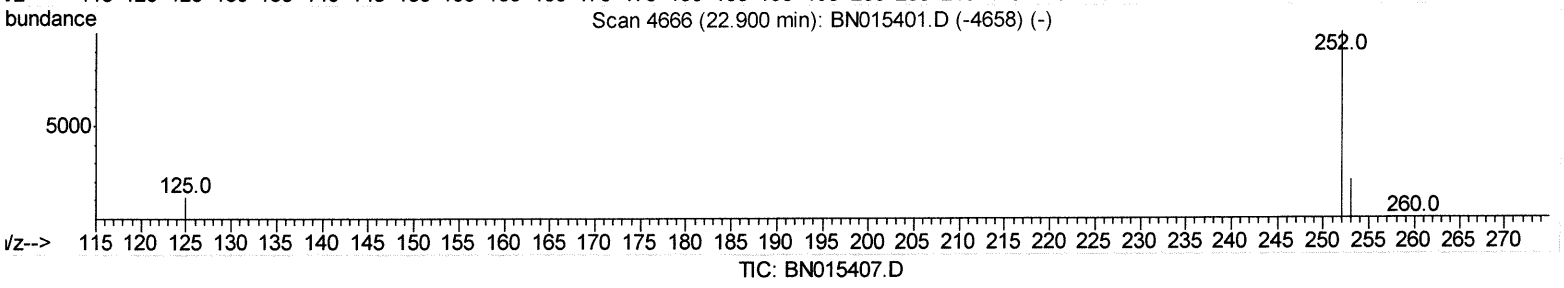

TIC: BN015407.D

(25) Benzo(k)fluoranthene

22.900min (+0.000) 0.05ng/ul m 07/12/21 JU

response 2330

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	38.70#
125.00	14.40	30.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015407.D
Acq On : 08 Jul 2021 14:07
Operator : CG/JU
Sample : M2825-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDP9

Manual Integrations APPROVED
mohammad
7/9/2021 3:03:33 PM

Quant Time: Jul 08 15:00:24 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3110	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	10596	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	5613	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	11538	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	9435	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	8516	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	4165	1.19	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2281	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	5266	0.17	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.06	152	932	0.032	ng/ul#	85
15) Phenanthrene	17.13	178	4068	0.097	ng/ul	97
16) Anthracene	17.22	178	2654	0.072	ng/ul#	94
19) Fluoranthene	19.15	202	12619	0.289	ng/ul	98
20) Pyrene	19.51	202	11615	0.266	ng/ul	95
21) Benzo(a)anthracene	21.28	228	6219	0.178	ng/ul	96
22) Chrysene	21.32	228	6694	0.160	ng/ul	97
24) Benzo(b)fluoranthene	22.86	252	6666m	0.168	ng/ul	07/12/21 JU
25) Benzo(k)fluoranthene	22.90	252	2330m	0.052	ng/ul	
26) Benzo(a)pyrene	23.43	252	4275	0.128	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.78	276	2358	0.058	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.79	278	674	0.021	ng/ul#	43

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