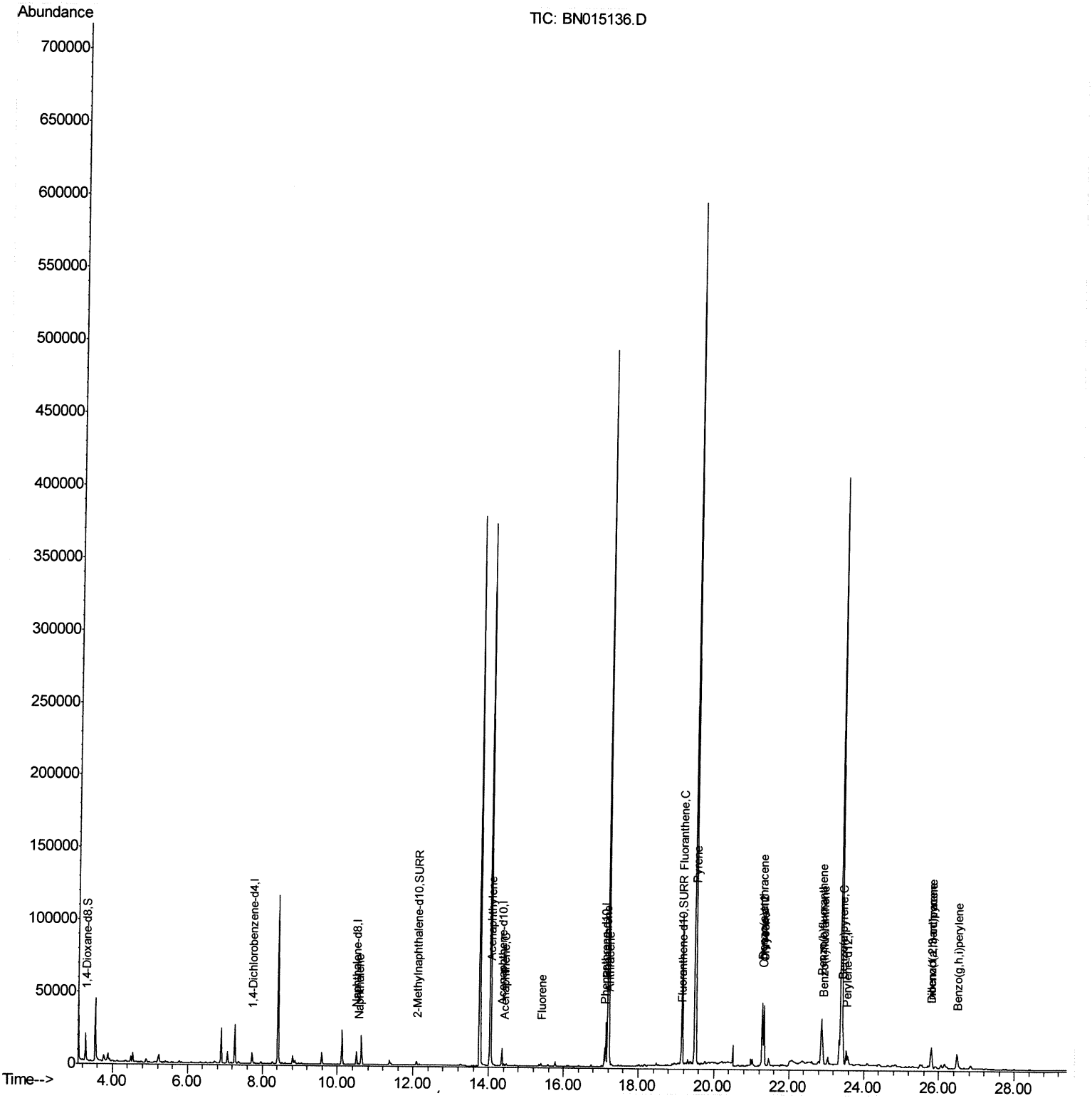
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015136.D
Acq On : 27 Jun 2021 03:47
Operator : CG/JU
Sample : M2680-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 28 01:59:42 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD44

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:01 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015136.D
Acq On : 27 Jun 2021 03:47
Operator : CG/JU
Sample : M2680-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 28 01:57:17 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD44

Manual Integrations APPROVED
mohammad
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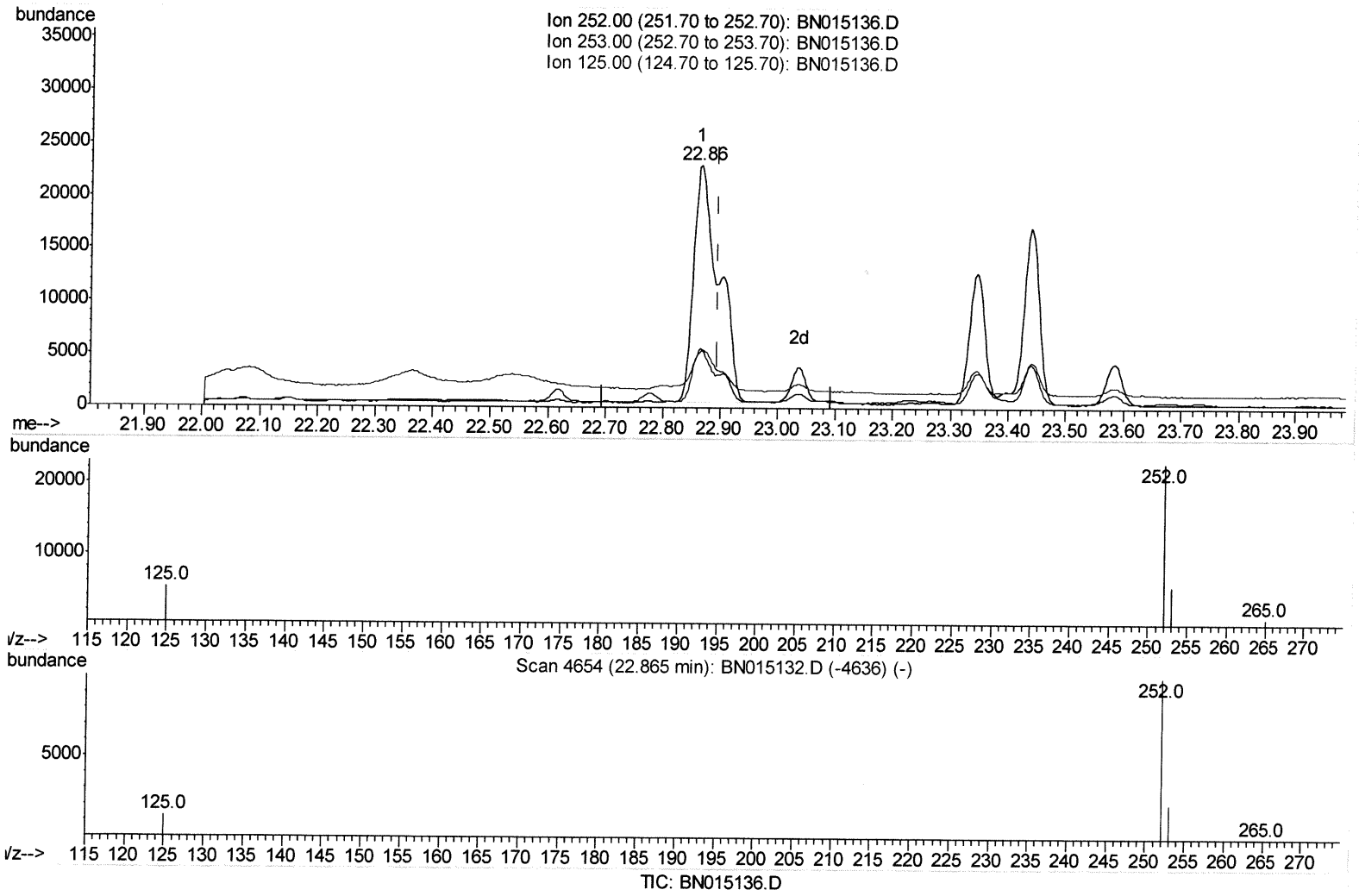


(24) Benzo(b)fluoranthene

22.865min (-0.030) 1.19ng/ul

response 68207

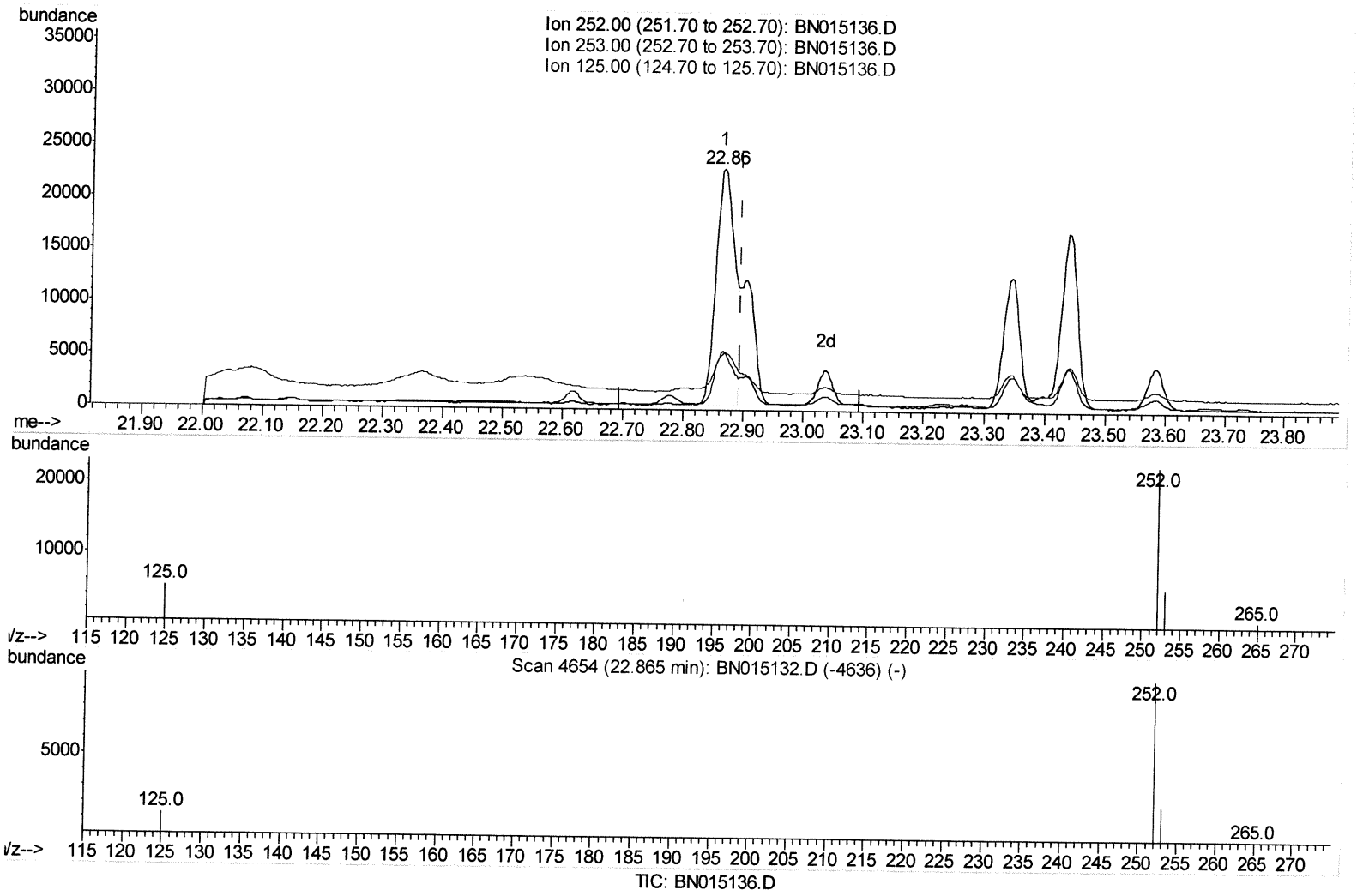
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.35
125.00	14.20	23.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015136.D
Acq On : 27 Jun 2021 03:47
Operator : CG/JU
Sample : M2680-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 28 01:57:17 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD44

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:01 PM



TIC: BN015136.D

(24) Benzo(b)fluoranthene

22.865min (-0.030) 0.84ng/ul m JU 6/30/21

response 48359

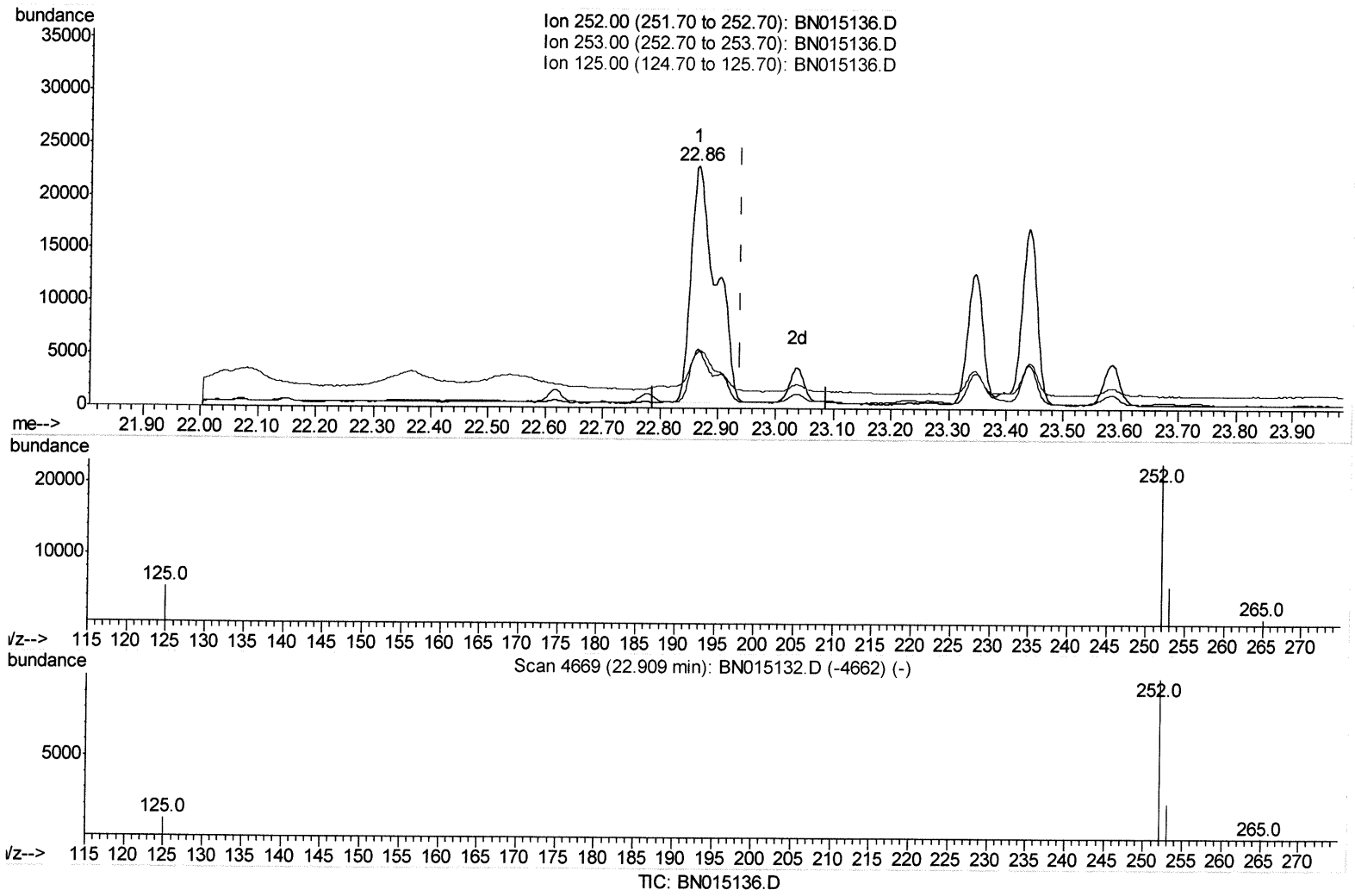
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.35
125.00	14.20	23.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015136.D
Acq On : 27 Jun 2021 03:47
Operator : CG/JU
Sample : M2680-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 28 01:58:41 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD44

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:01 PM



(25) Benzo(k)fluoranthene

22.865min (-0.074) 1.05ng/ul

response 68207

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.35
125.00	14.40	23.15#
0.00	0.00	0.00

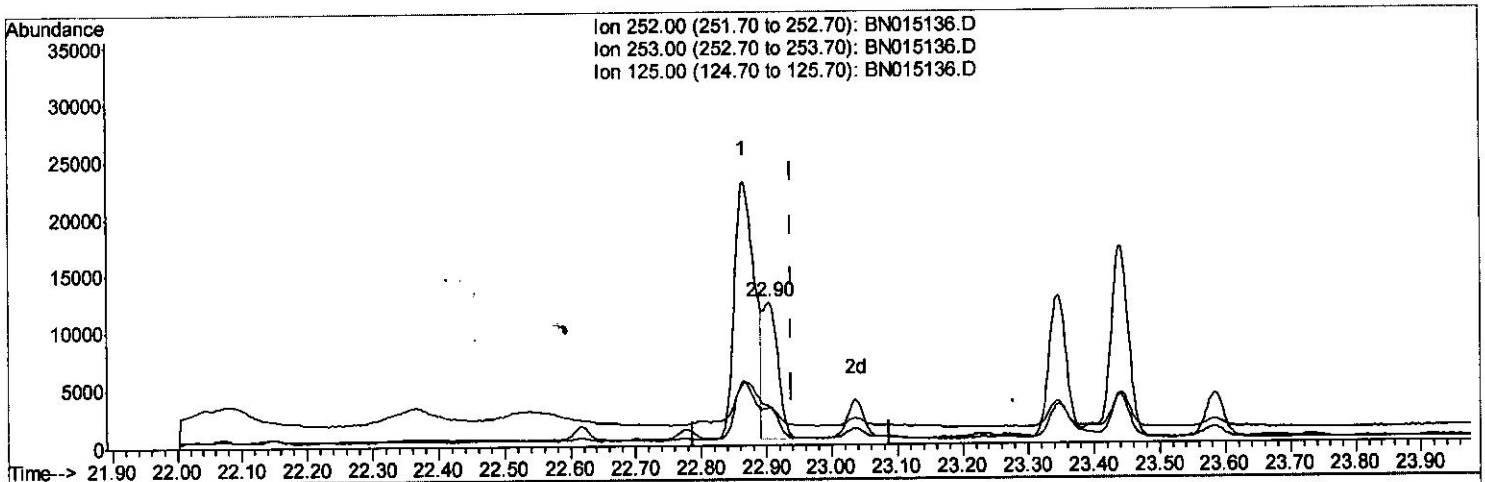
Quantitation Report (Qedit)

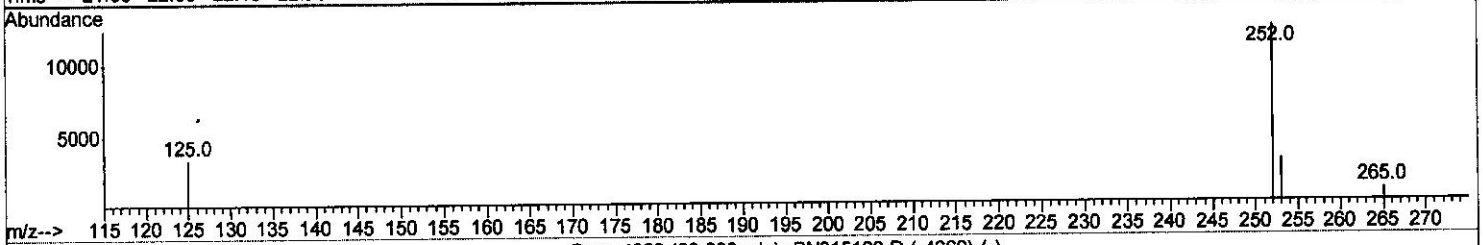
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015136.D
Acq On : 27 Jun 2021 03:47
Operator : CG/JU
Sample : M2680-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

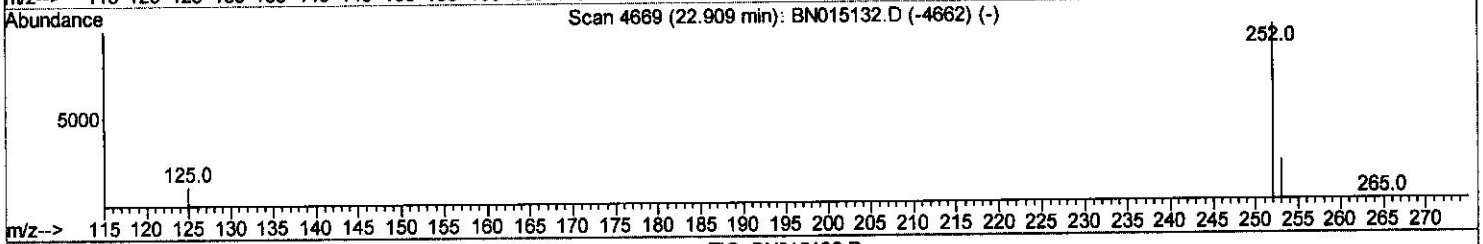
Quant Time: Jun 28 01:58:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD44

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:01 PM







TIC: BN015136.D

(25) Benzo(k)fluoranthene

22.903min (-0.036) 0.30ng/ul m 3JV.61101.21

response 19509

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	25.92
125.00	14.40	27.73#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015136.D
Acq On : 27 Jun 2021 03:47
Operator : CG/JU
Sample : M2680-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD44

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:01 PM

Quant Time: Jun 28 01:59:42 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3515	0.40 ng/ul	-0.01
4) Naphthalene-d8	10.50	136	12203	0.40 ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	6852	0.40 ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	14718	0.40 ng/ul	-0.01
17) Chrysene-d12	21.29	240	13682	0.40 ng/ul	-0.02
23) Perylene-d12	23.54	264	12312	0.40 ng/ul	-0.03
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.29	96	11683	2.95 ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	3414	0.18 ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	8152	0.18 ng/ul	-0.02
Target Compounds					Qvalue
5) Naphthalene	10.55	128	1393	0.036 ng/ul#	82
10) Acenaphthylene	14.07	152	2558	0.072 ng/ul#	85
11) Acenaphthene	14.41	153	917	0.034 ng/ul	95
12) Fluorene	15.40	166	1346	0.045 ng/ul#	94
15) Phenanthrene	17.14	178	33171	0.621 ng/ul	99
16) Anthracene	17.23	178	4763	0.101 ng/ul#	88
19) Fluoranthene	19.16	202	86944	1.375 ng/ul	96
20) Pyrene	19.53	202	69177	1.091 ng/ul	99
21) Benzo(a)anthracene	21.28	228	34544	0.682 ng/ul	94
22) Chrysene	21.33	228	40609	0.669 ng/ul	96
24) Benzo(b)fluoranthene	22.86	252	48359m	0.841 ng/ul	
25) Benzo(k)fluoranthene	22.90	252	19509m	0.301 ng/ul	
26) Benzo(a)pyrene	23.44	252	30770	0.637 ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.79	276	22722	0.389 ng/ul#	90
28) Dibenzo(a,h)anthracene	25.80	278	5643	0.123 ng/ul#	76
29) Benzo(g,h,i)perylene	26.48	276	20449	0.378 ng/ul	94

JU 6/30/21

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