Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015149.D
Acq On : 27 Jun 2021 12:42
Operator : CG/JU
Sample : M2704-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 28 03:28:30 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 :
BGDC7

Manual Integrations APPROVED
mohammad
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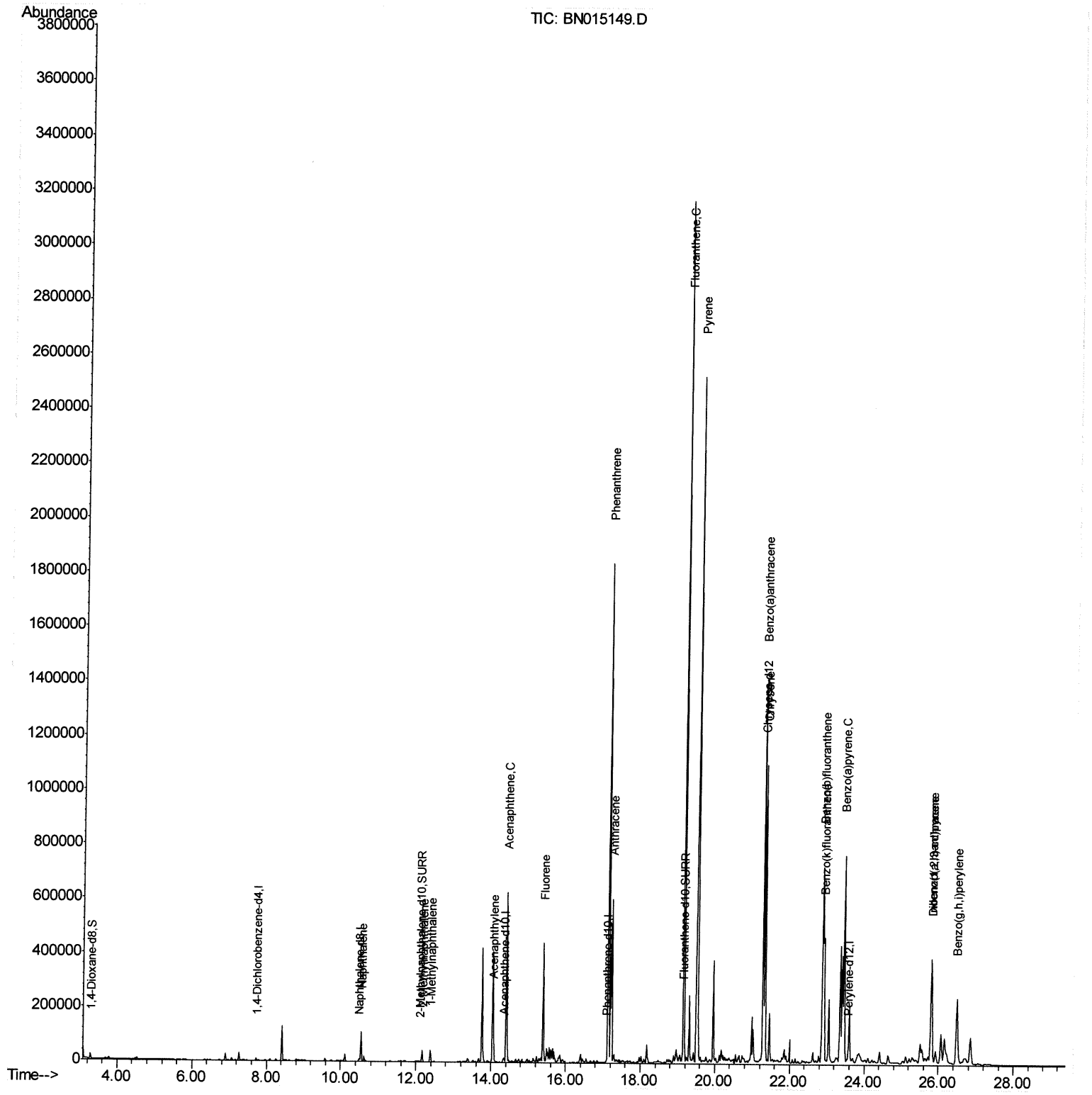

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015149.D
Acq On : 27 Jun 2021 12:42
Operator : CG/JU
Sample : M2704-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 28 03:25:57 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 :
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Manual Integrations APPROVED
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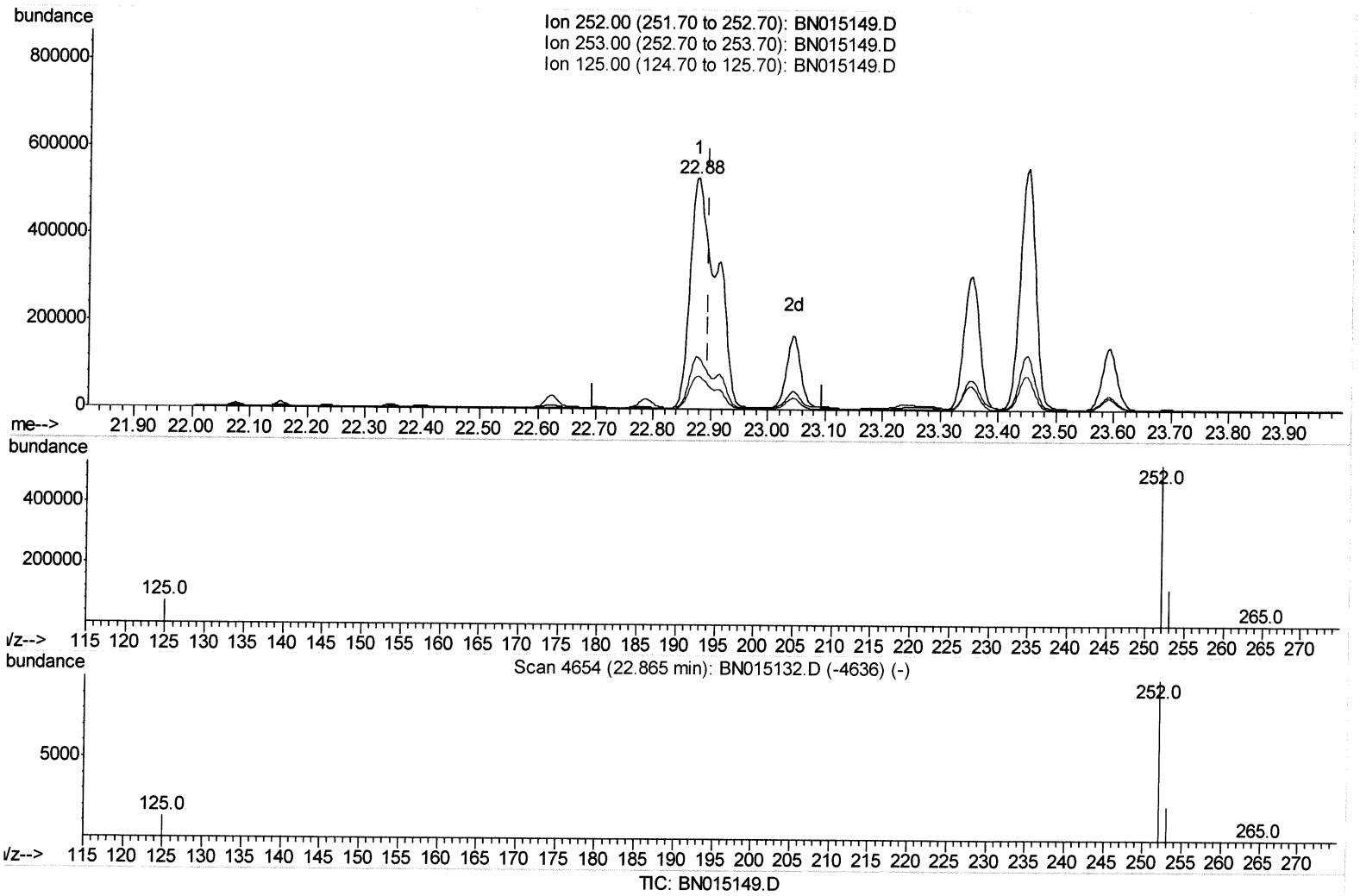

TIC: BN015149.D

(24) Benzo(b)fluoranthene

22.877min (-0.018) 27.25ng/ul

response 1722253

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.45
125.00	14.20	14.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015149.D
Acq On : 27 Jun 2021 12:42
Operator : CG/JU
Sample : M2704-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 28 03:25:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_N
ClientSampleId :
BGDC7

Manual Integrations APPROVED
mohammad
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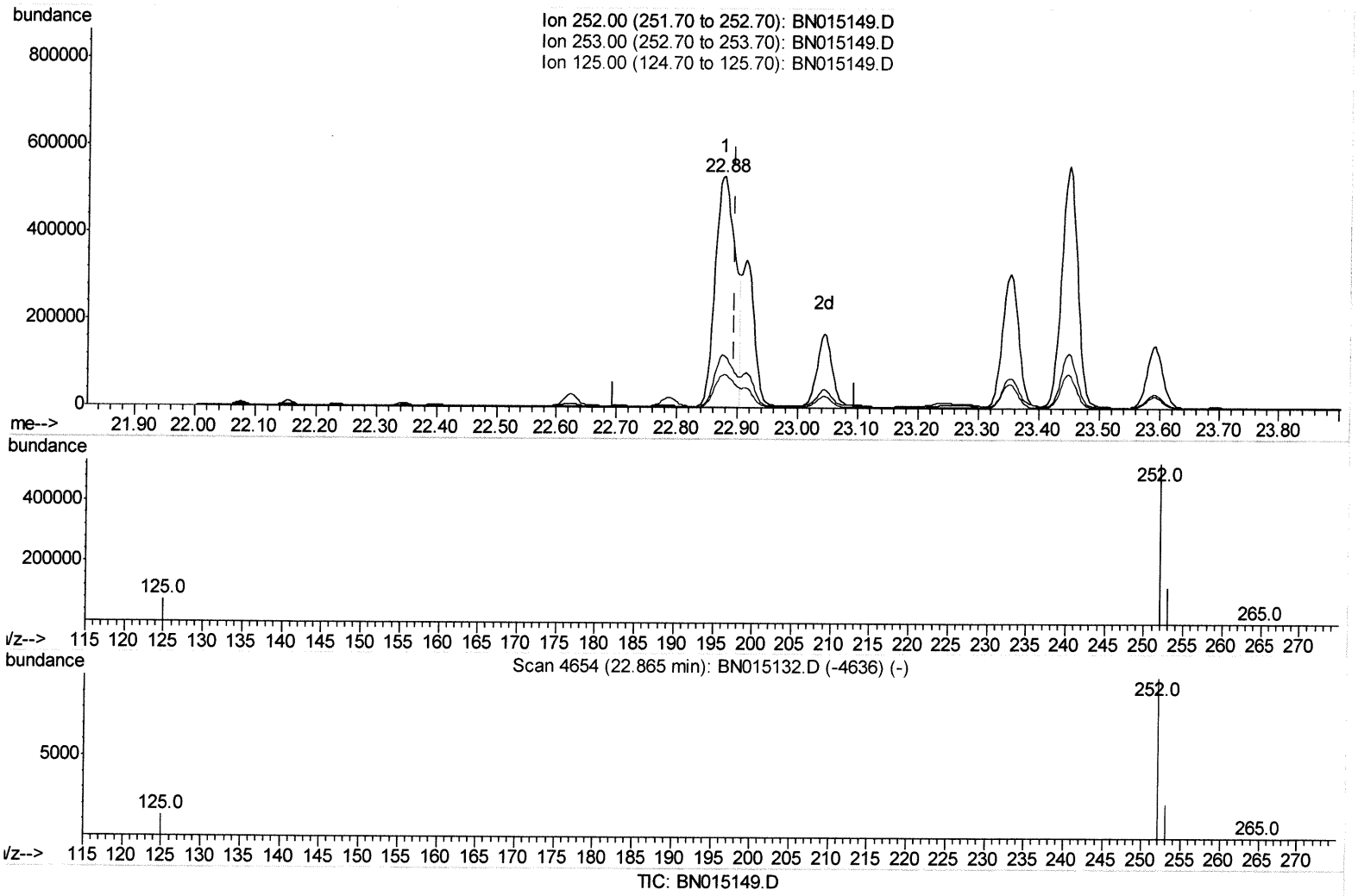


TIC: BN015149.D

(24) Benzo(b)fluoranthene

22.877min (-0.018) 19.40ng/ul m JU 6/30/21

response 1226378

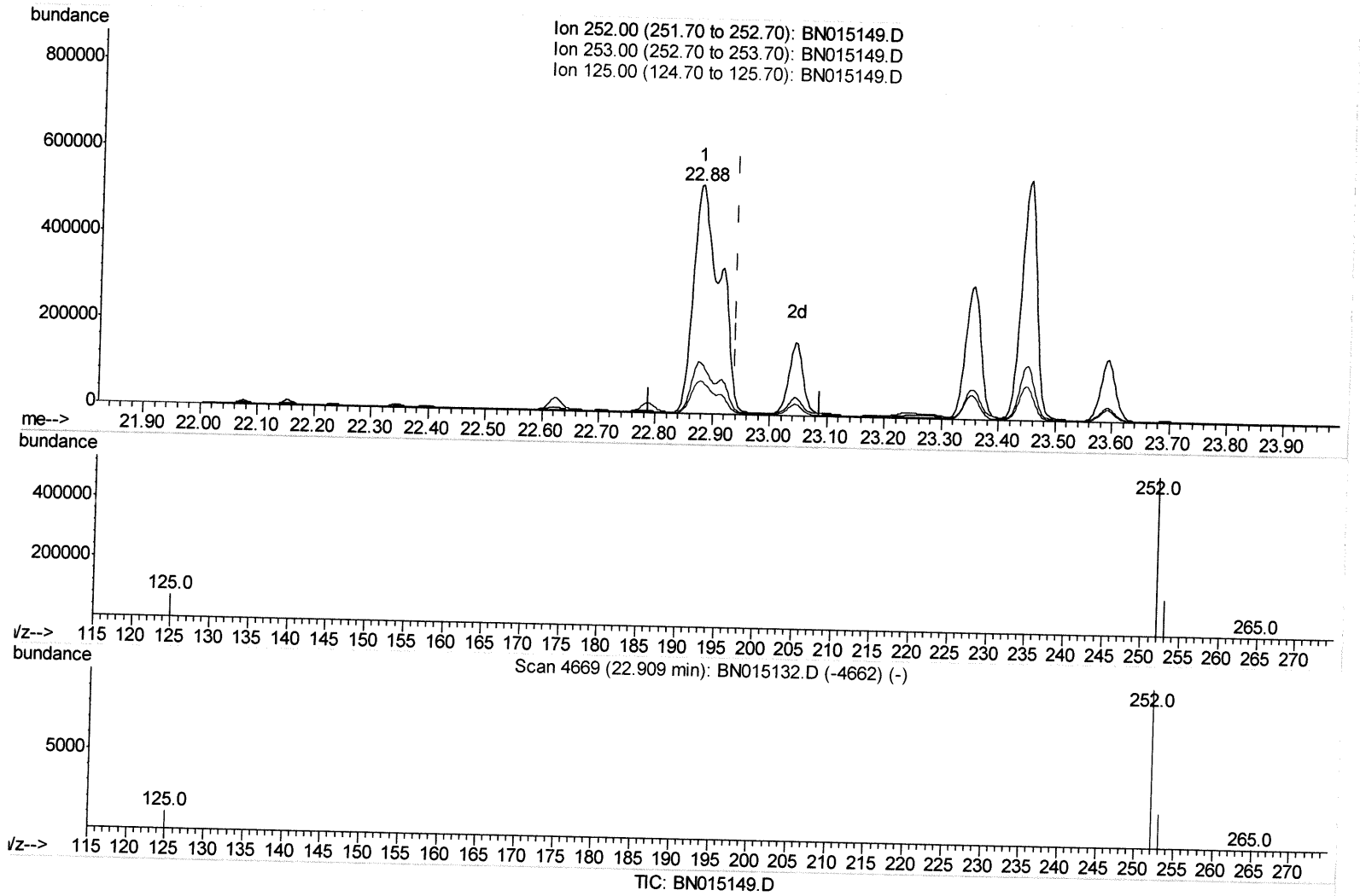
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.45
125.00	14.20	14.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015149.D
Acq On : 27 Jun 2021 12:42
Operator : CG/JU
Sample : M2704-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 28 03:27:30 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 :
BGDC7

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:32 PM



TIC: BN015149.D

(25) Benzo(k)fluoranthene

22.877min (-0.062) 24.14ng/ul

response 1722253

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.45
125.00	14.40	14.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015149.D
Acq On : 27 Jun 2021 12:42
Operator : CG/JU
Sample : M2704-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 28 03:27:30 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 :
BGDC7

Manual Integrations APPROVED
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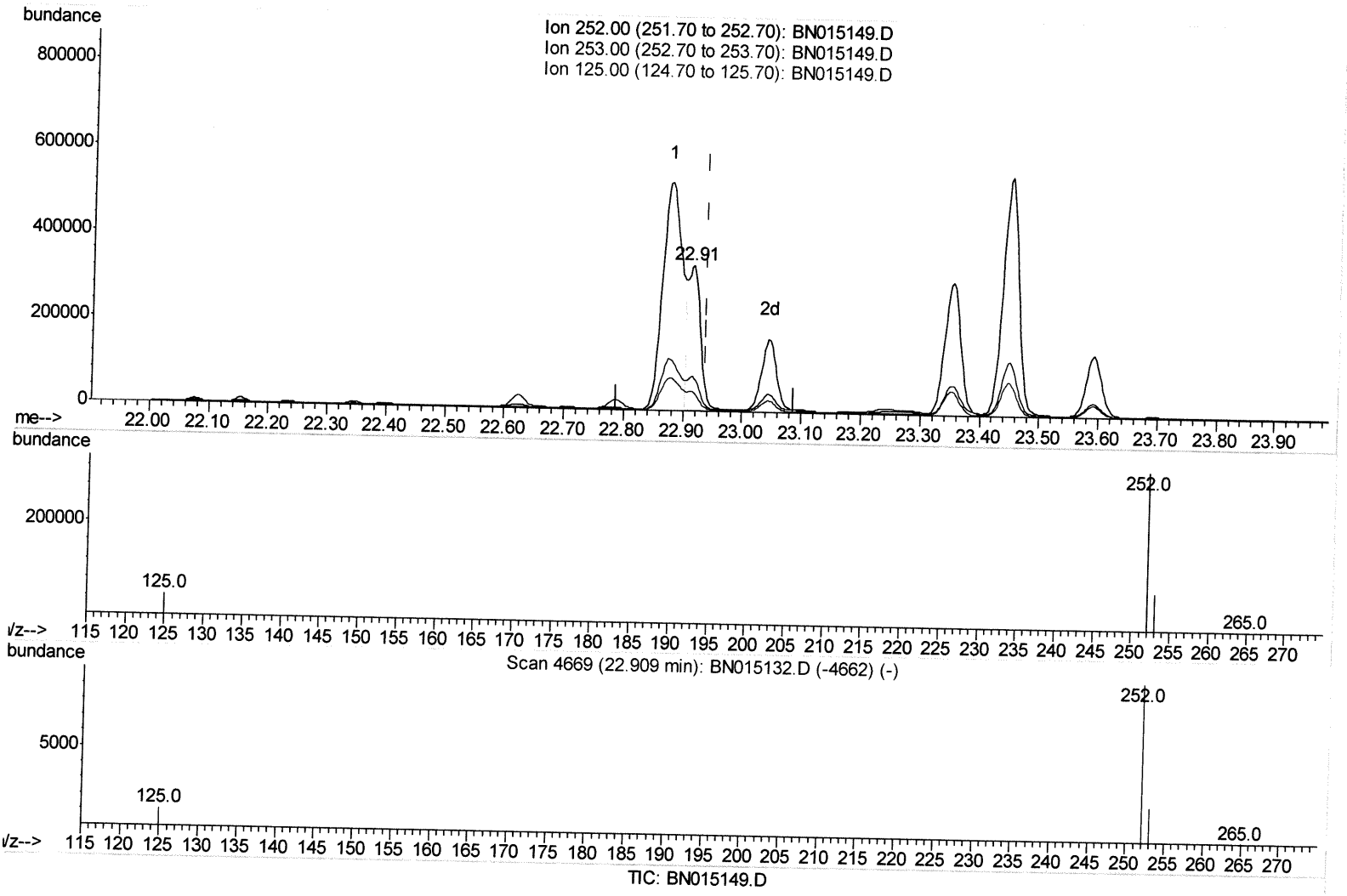

(25) Benzo(k)fluoranthene

22.915min (-0.024) 6.80ng/ul m JU 6/30/21

response 485063

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.56
125.00	14.40	13.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015149.D
Acq On : 27 Jun 2021 12:42
Operator : CG/JU
Sample : M2704-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDC7

Manual Integrations APPROVED
mohammad
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Quant Time: Jun 28 03:28:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3745	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	13321	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	7860	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	15455	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	12633	0.40	ng/ul	-0.01
23) Perylene-d12	23.55	264	13531	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	11852	2.81	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	3609	0.17	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	8834	0.21	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.55	128	143893	3.386	ng/ul	98
7) 2-Methylnaphthalene	12.16	142	28470	1.024	ng/ul	100
8) 1-Methylnaphthalene	12.38	142	29947	1.113	ng/ul	99
10) Acenaphthylene	14.07	152	110516	2.720	ng/ul	99
11) Acenaphthene	14.41	153	363445	11.671	ng/ul	98
12) Fluorene	15.40	166	267561	7.776	ng/ul	100
15) Phenanthrene	17.14	178	1958615	34.917	ng/ul	100
16) Anthracene	17.23	178	628245	12.703	ng/ul	99
19) Fluoranthene	19.16	202	2704823	46.335	ng/ul	98
20) Pyrene	19.53	202	2177889	37.199	ng/ul	98
21) Benzo(a)anthracene	21.28	228	1205004	25.750	ng/ul	94
22) Chrysene	21.34	228	1031970	18.421	ng/ul	98
24) Benzo(b)fluoranthene	22.88	252	1226378m	19.401	ng/ul	
25) Benzo(k)fluoranthene	22.91	252	485063m	6.799	ng/ul	JU 6/30/21
26) Benzo(a)pyrene	23.45	252	1025690	19.319	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.80	276	592326	9.237	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.81	278	152174	3.027	ng/ul	99
29) Benzo(g,h,i)perylene	26.49	276	482976	8.129	ng/ul	99

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