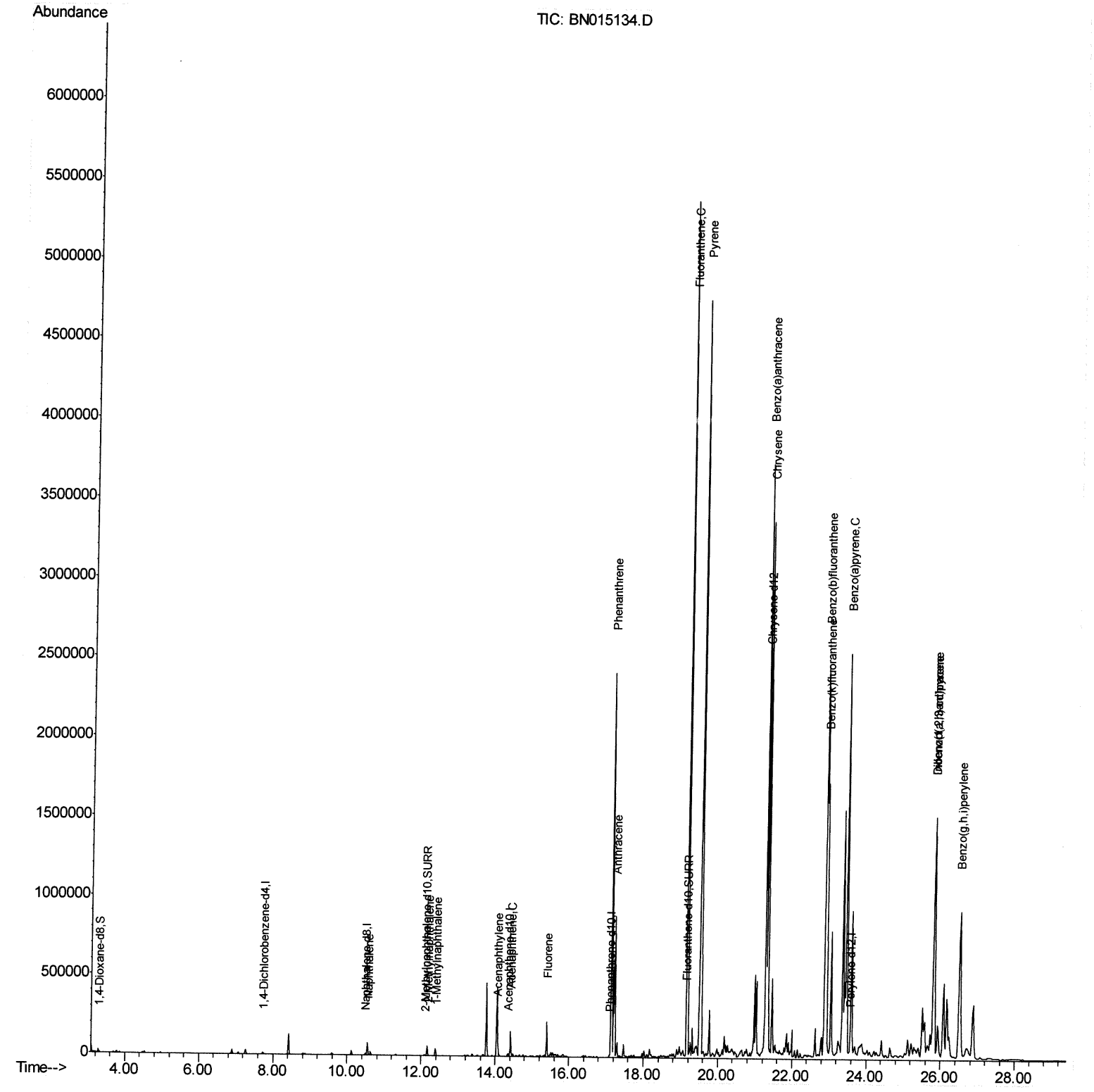
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015134.D
Acq On : 27 Jun 2021 02:36
Operator : CG/JU
Sample : M2680-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:51 PM

Quant Time: Jun 28 01:49:05 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



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015134.D
Acq On : 27 Jun 2021 02:36
Operator : CG/JU
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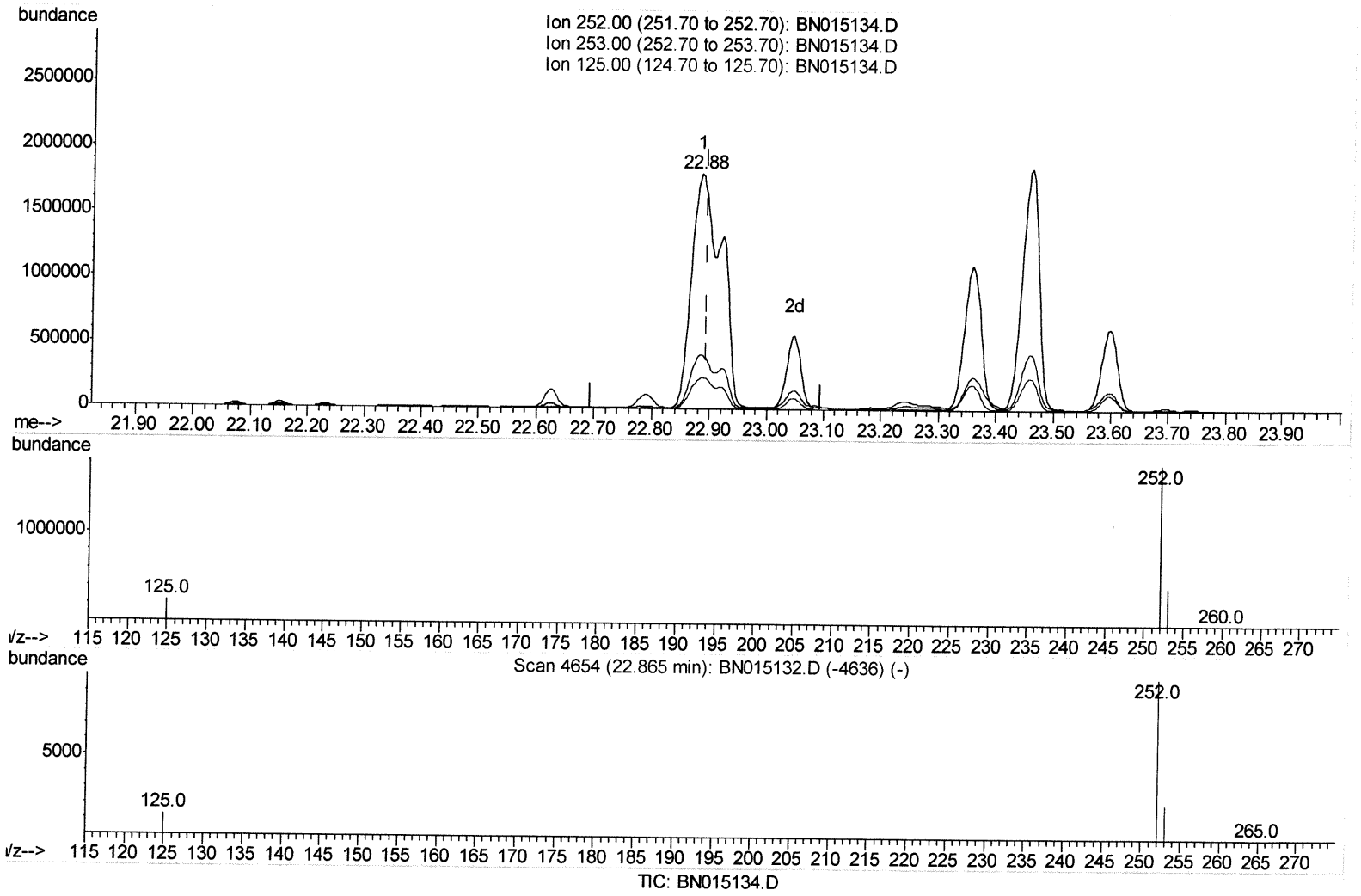
6/28/2021 1:27:51 PM

Quant Time: Jun 28 01:25:13 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



TIC: BN015134.D

(24) Benzo(b)fluoranthene

22.885min (-0.010) 66.85ng/ul

response 6450882

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.05
125.00	14.20	13.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015134.D
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Quant Time: Jun 28 01:25:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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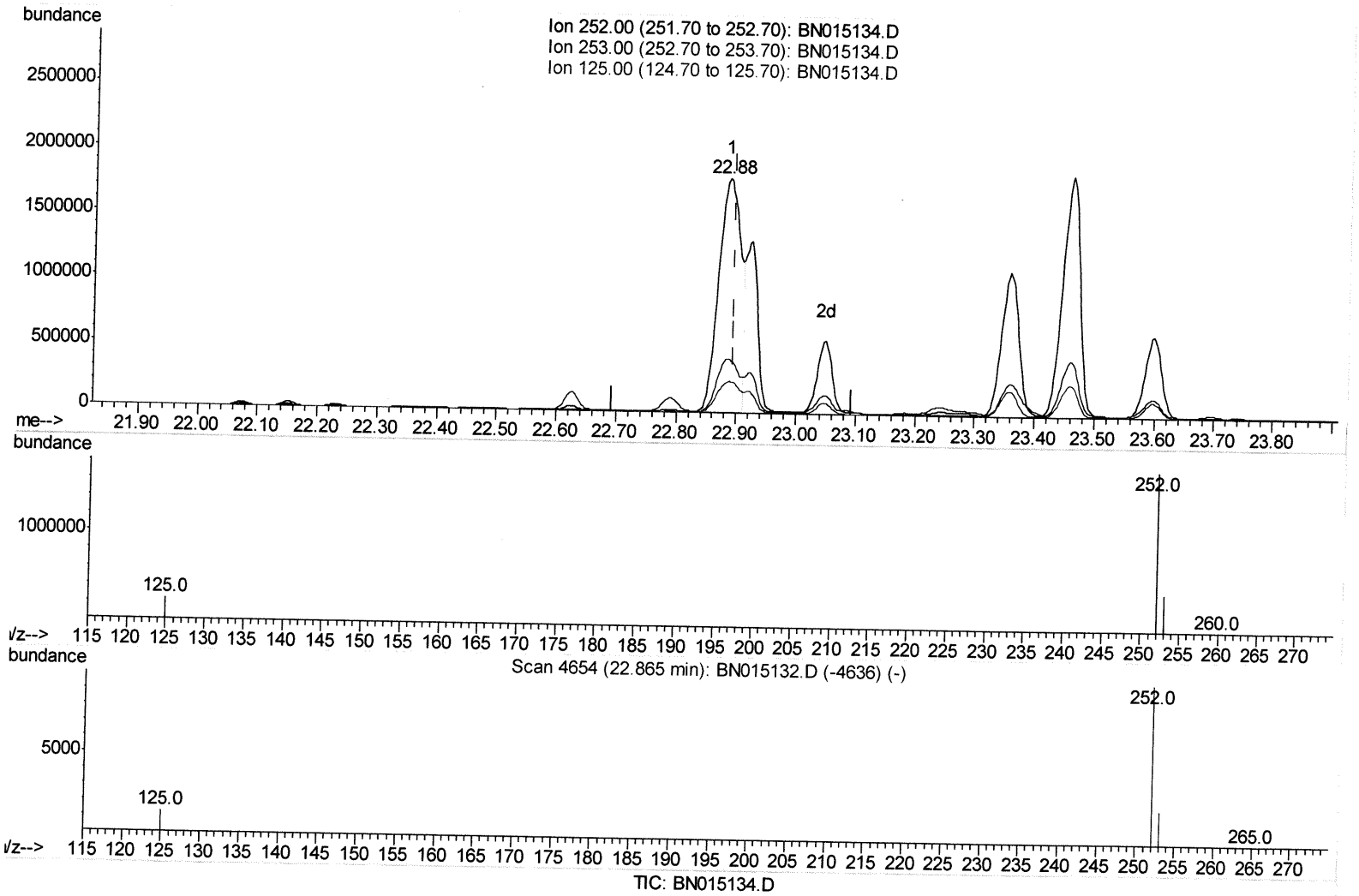
BNA_N
ClientSampleId :
BGD72

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:51 PM



TIC: BN015134.D

(24) Benzo(b)fluoranthene

22.885min (-0.010) 47.96ng/ul m

JU 6/30/21

response 4627902

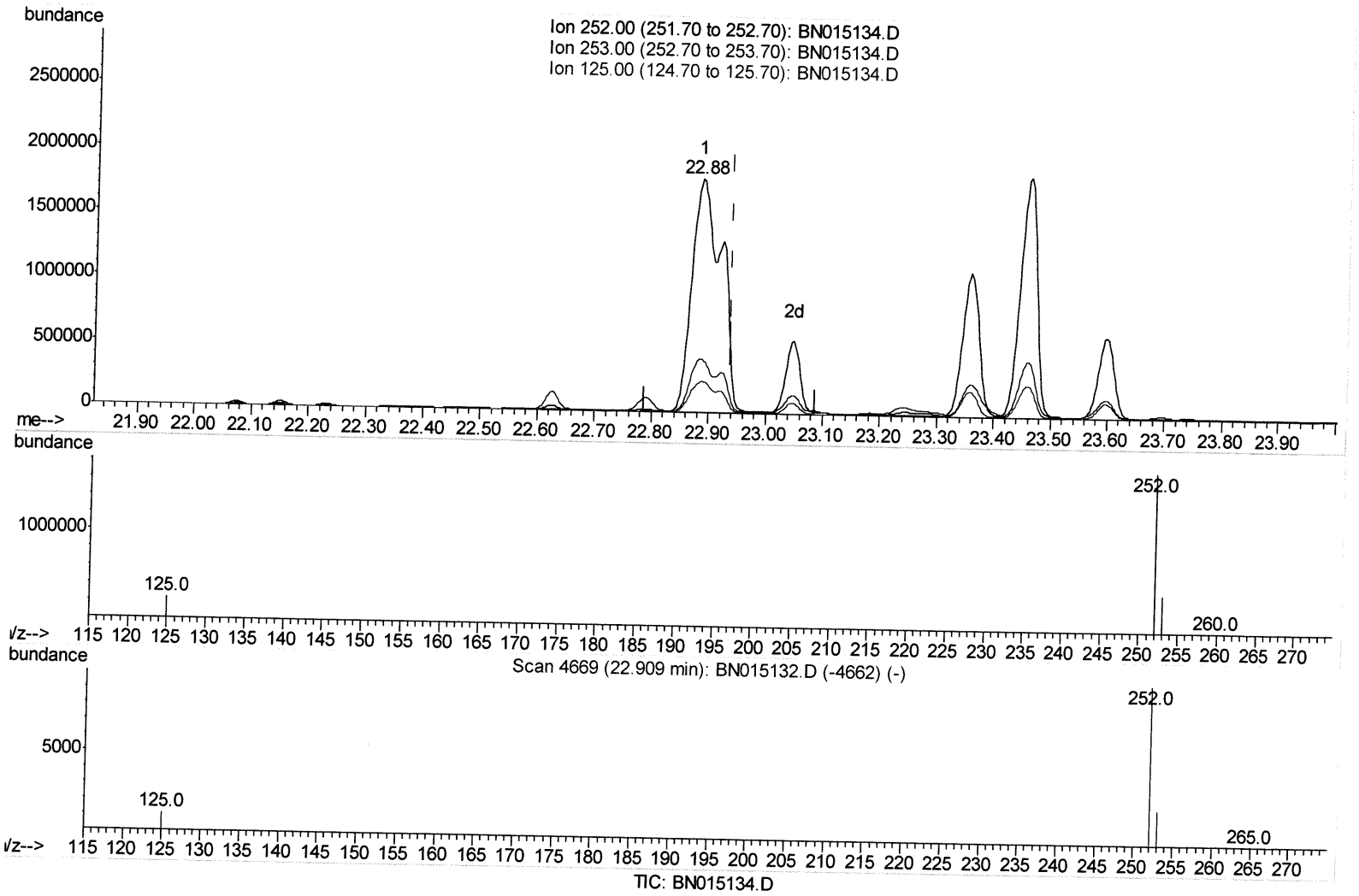
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.05
125.00	14.20	13.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015134.D
Acq On : 27 Jun 2021 02:36
Operator : CG/JU
Sample : M2680-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 28 01:48:16 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations APPROVED
mohammad
6/28/2021 1:27:51 PM



(25) Benzo(k)fluoranthene

22.885min (-0.054) 59.23ng/ul

response 6450882

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.05
125.00	14.40	13.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015134.D
Acq On : 27 Jun 2021 02:36
Operator : CG/JU
Sample : M2680-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 28 01:48:16 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 : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations APPROVED
mohammad
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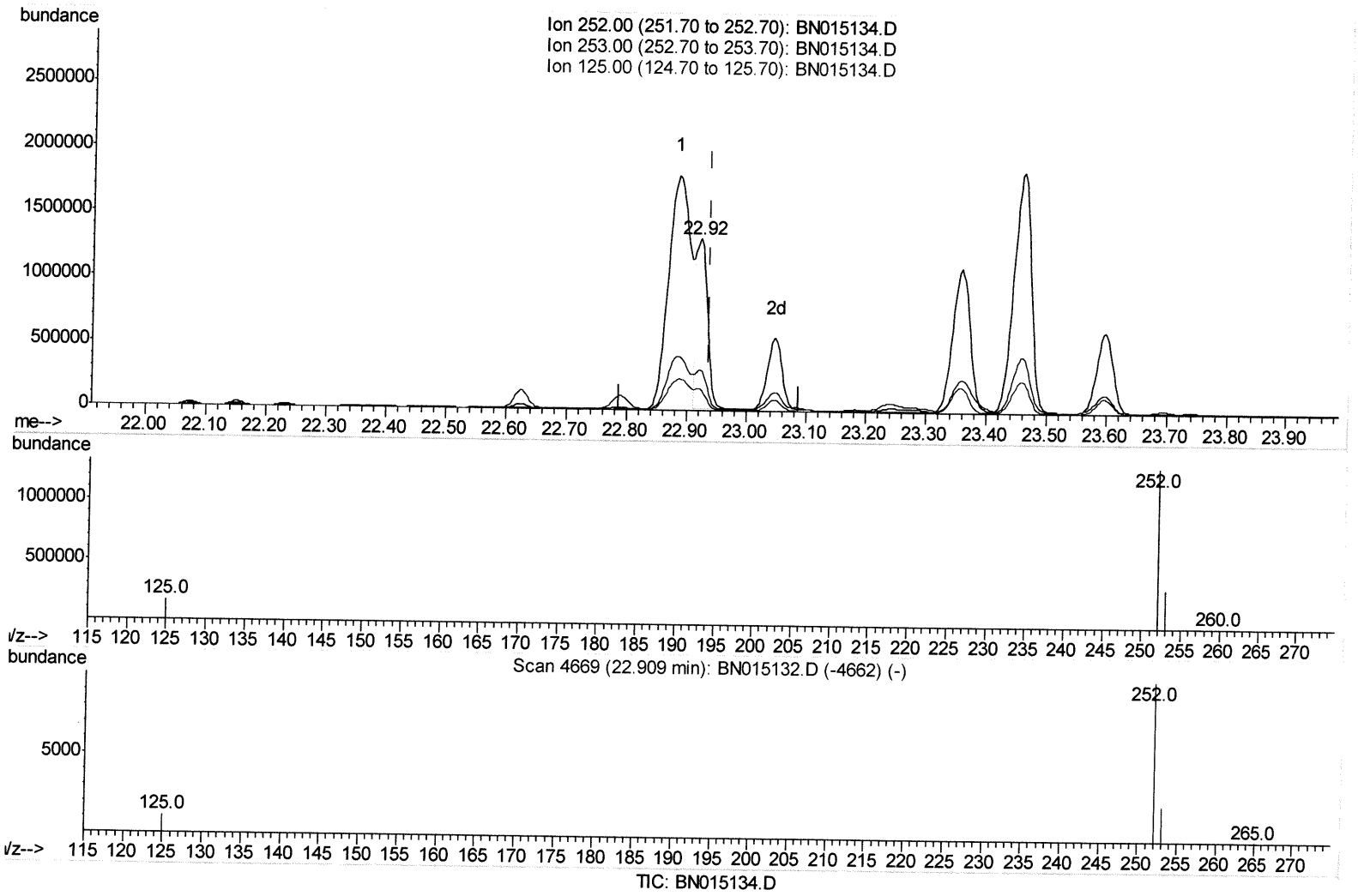

(25) Benzo(k)fluoranthene

22.923min (-0.016) 16.27ng/ul m JU 6/30/21

response 1771692

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.75
125.00	14.40	12.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015134.D
Acq On : 27 Jun 2021 02:36
Operator : CG/JU
Sample : M2680-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BGD72

Manual Integrations APPROVED
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6/28/2021 1:27:51 PM

Quant Time: Jun 28 01:49:05 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	3980	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	14298	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	8425	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	17315	0.40	ng/ul	-0.01
17) Chrysene-d12	21.30	240	14059	0.40	ng/ul	0.00
23) Perylene-d12	23.55	264	20655	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	12207	2.72	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	3922	0.17	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	9821	0.21	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.55	128	110405	2.420	ng/ul	98
7) 2-Methylnaphthalene	12.16	142	40161	1.346	ng/ul	99
8) 1-Methylnaphthalene	12.38	142	32354	1.121	ng/ul	98
10) Acenaphthylene	14.07	152	98908	2.271	ng/ul	99
11) Acenaphthene	14.41	153	88008	2.637	ng/ul	99
12) Fluorene	15.40	166	133258	3.613	ng/ul	99
15) Phenanthrene	17.14	178	2699932	42.963	ng/ul	99
16) Anthracene	17.23	178	919415	16.594	ng/ul	99
19) Fluoranthene	19.17	202	4966342	76.447	ng/ul	97
20) Pyrene	19.53	202	4345514	66.694	ng/ul	98
21) Benzo(a)anthracene	21.29	228	3514538	67.484	ng/ul	96
22) Chrysene	21.34	228	3379290	54.202	ng/ul	97
24) Benzo(b)fluoranthene	22.88	252	4627902m	47.961	ng/ul	
25) Benzo(k)fluoranthene	22.92	252	1771692m	16.267	ng/ul	
26) Benzo(a)pyrene	23.46	252	3714451	45.831	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.82	276	2449603	25.025	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.82	278	625050	8.144	ng/ul	98
29) Benzo(g,h,i)perylene	26.51	276	1929260	21.271	ng/ul	98

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