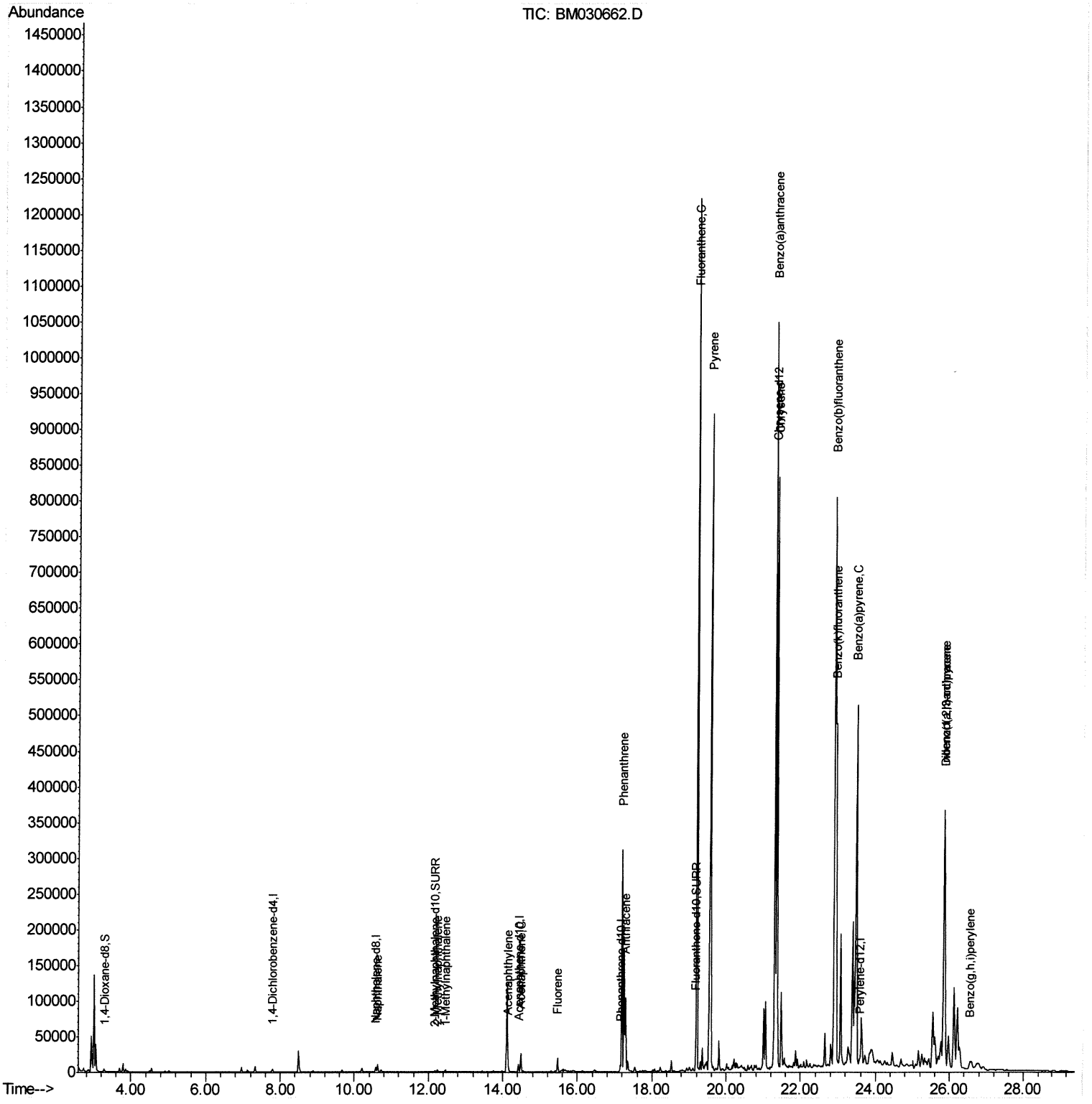
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\
Data File : BM030662.D
Acq On : 28 Jun 2021 20:30
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 02:33:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDD0

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:36 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\
Data File : BM030662.D
Acq On : 28 Jun 2021 20:30
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 02:21:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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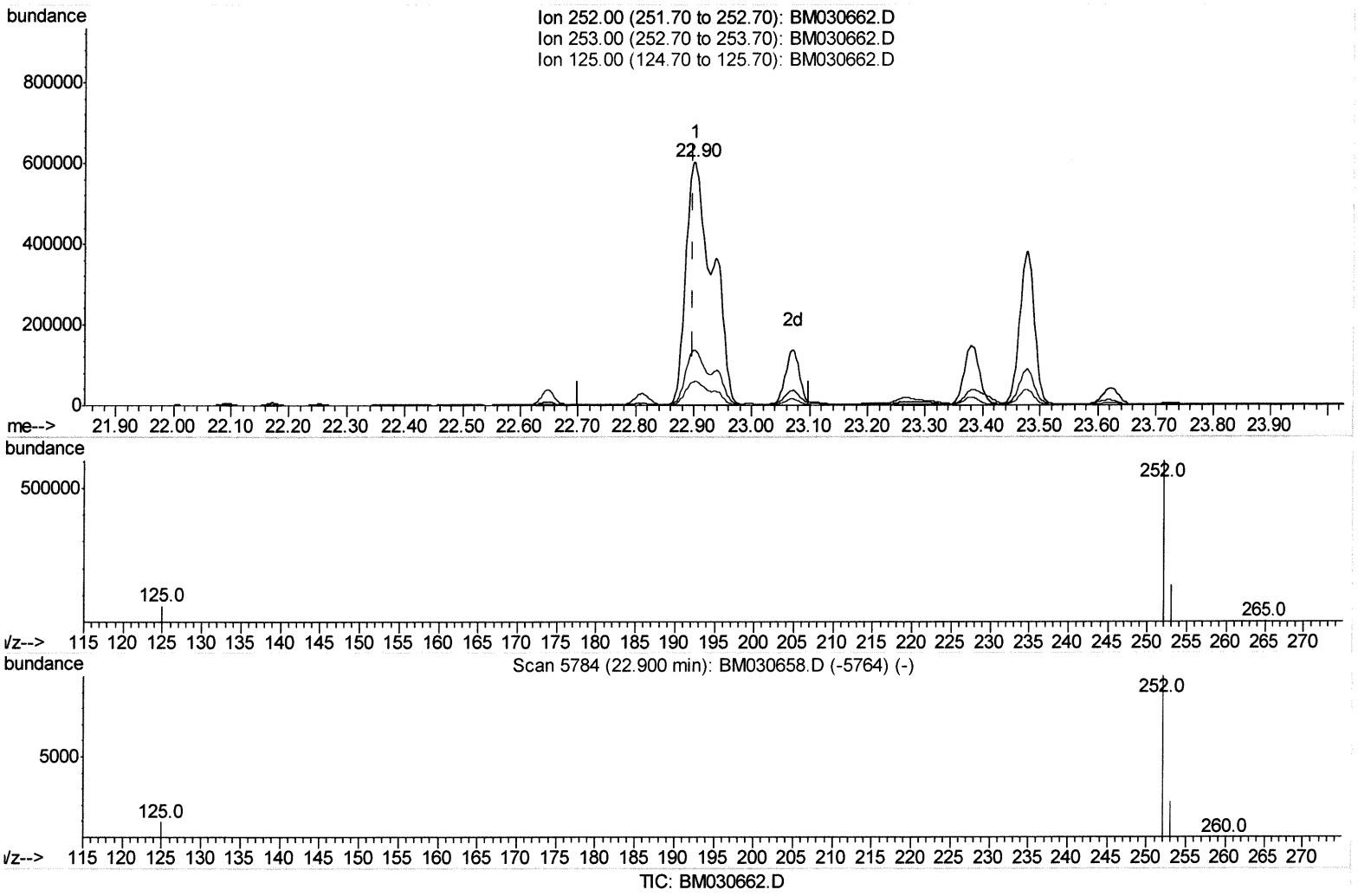

(24) Benzo(b)fluoranthene

22.902min (+0.002) 35.05ng/ul

response 1912141

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	22.97
125.00	16.60	9.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\
Data File : BM030662.D
Acq On : 28 Jun 2021 20:30
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 02:21:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
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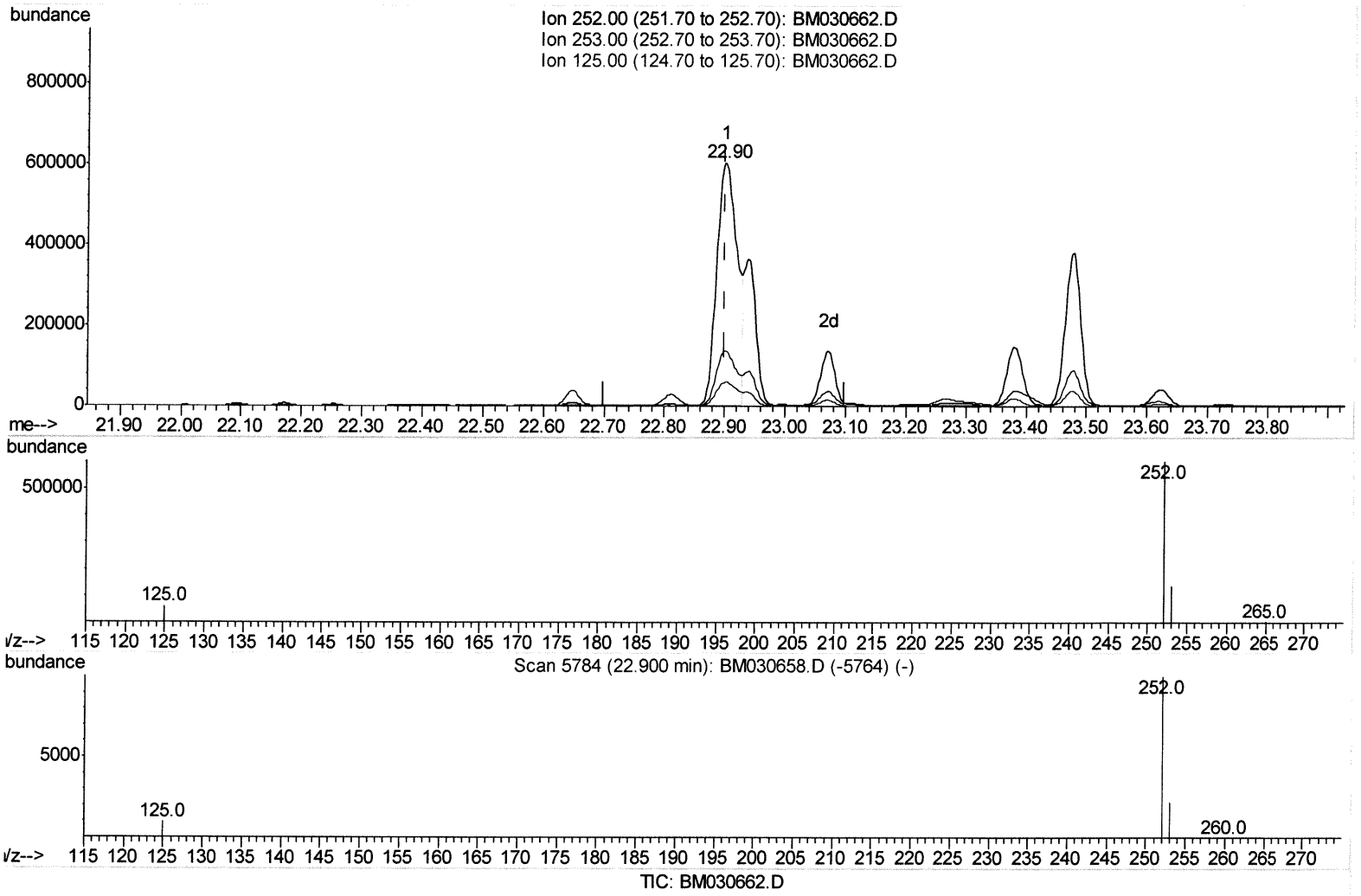
Instrument :
BNA_M
ClientSampleId :
BGDD0

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:36 PM



(24) Benzo(b)fluoranthene

22.902min (+0.002) 25.69ng/ul m J4 6/30/21

response 1401622

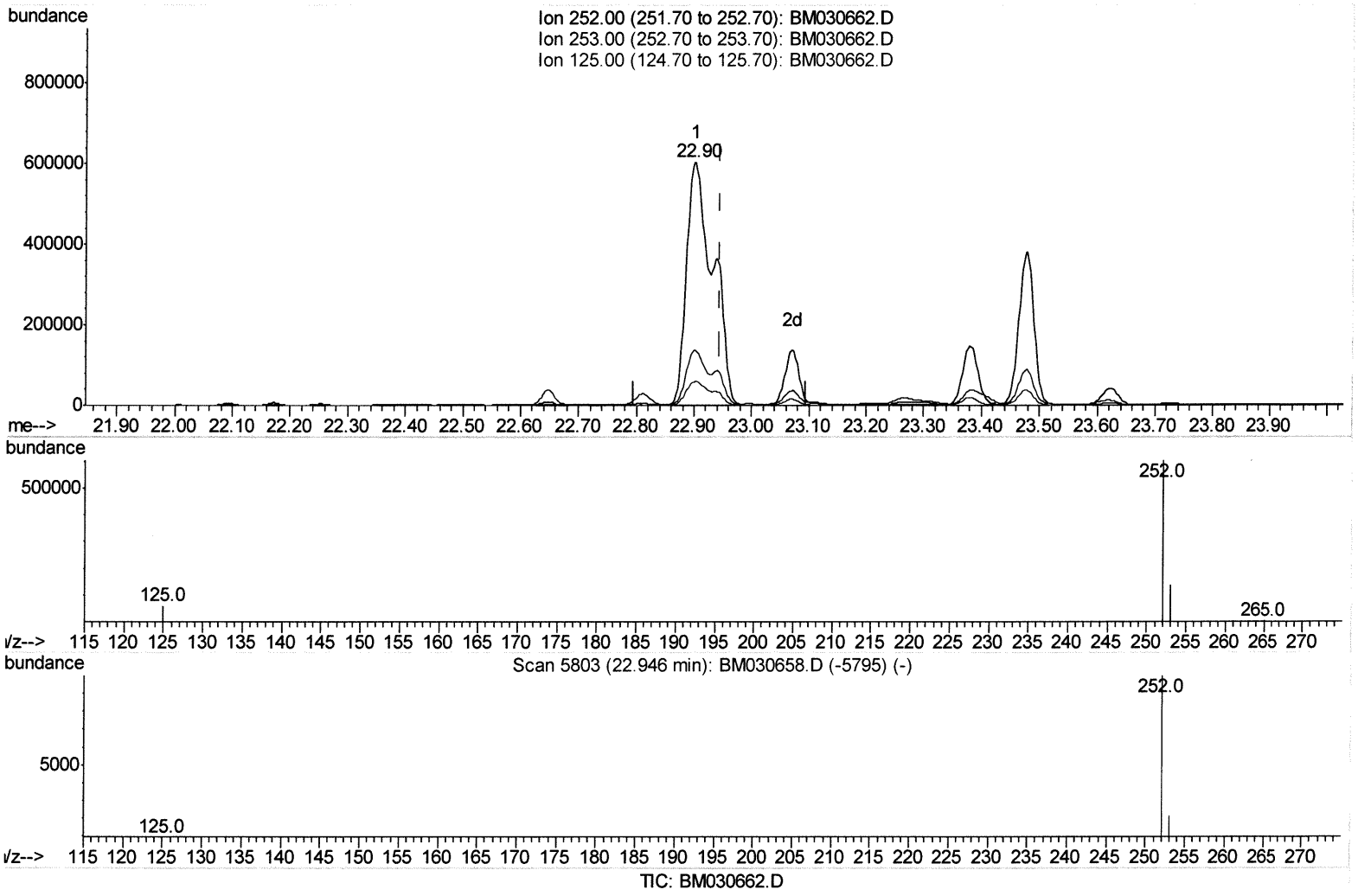
Ion	Exp%	Act%
252.00	100	100
253.00	28.90	22.97
125.00	16.60	9.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\
Data File : BM030662.D
Acq On : 28 Jun 2021 20:30
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 02:32:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDD0

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:36 PM



(25) Benzo(k)fluoranthene

22.902min (-0.044) 34.00ng/ul

response 1912141

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	22.97#
125.00	15.80	9.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\
Data File : BM030662.D
Acq On : 28 Jun 2021 20:30
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 02:32:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDD0

Manual Integrations APPROVED
mohammad
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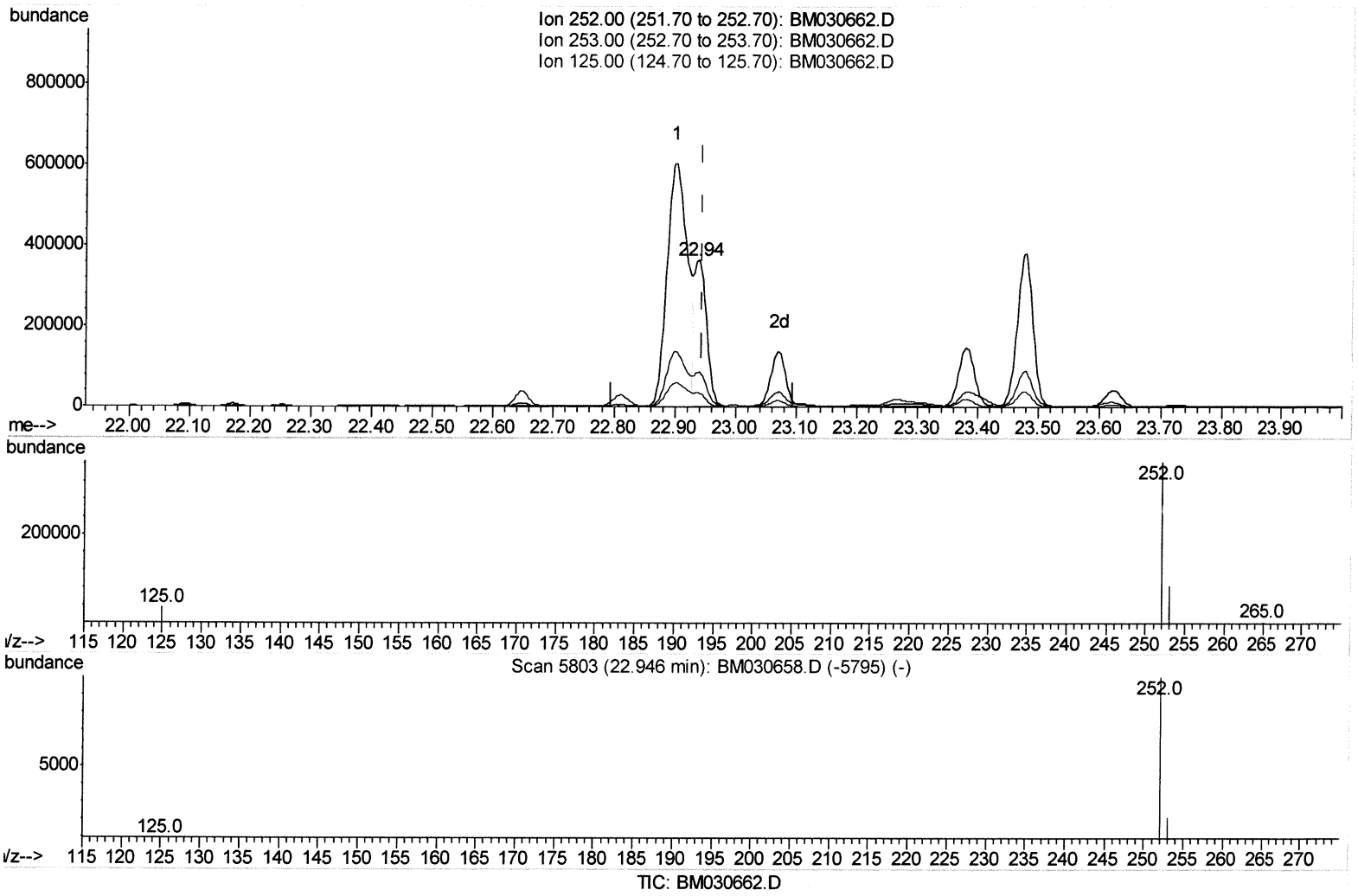


(25) Benzo(k)fluoranthene

22.938min (-0.007) 8.92ng/ul m JG 6/30/21

response 501897

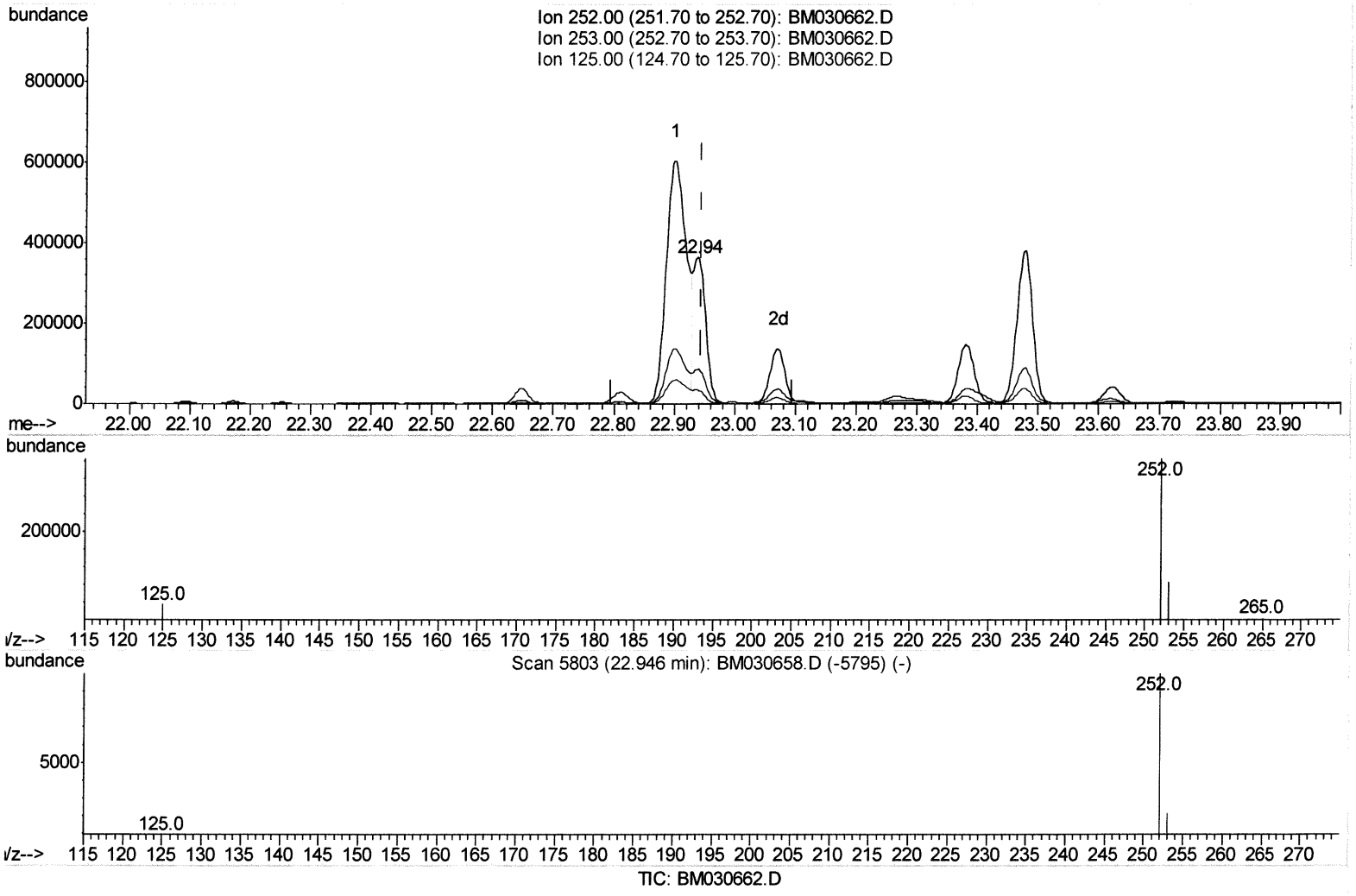
Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.63
125.00	15.80	9.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\
Data File : BM030662.D
Acq On : 28 Jun 2021 20:30
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 02:32:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDD0

Manual Integrations APPROVED
mohammad
6/29/2021 2:31:36 PM



(25) Benzo(k)fluoranthene

22.938min (-0.007) 8.92ng/ul m JU 6/30/21

response 501897

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.63
125.00	15.80	9.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062821\
Data File : BM030662.D
Acq On : 28 Jun 2021 20:30
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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Quant Time: Jun 29 02:33:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	2495	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	9675	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	5661	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	11217	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	10238	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12316	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2852	1.05	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	2590	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	5840	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	15301	0.555	ng/ul	99
7) 2-Methylnaphthalene	12.24	142	2878	0.155	ng/ul	100
8) 1-Methylnaphthalene	12.46	142	1865	0.103	ng/ul	99
10) Acenaphthylene	14.14	152	15930	0.630	ng/ul	100
11) Acenaphthene	14.48	153	15292	0.747	ng/ul	98
12) Fluorene	15.46	166	12537	0.555	ng/ul	98
15) Phenanthrene	17.20	178	325153	8.623	ng/ul	98
16) Anthracene	17.29	178	107445	3.254	ng/ul	97
19) Fluoranthene	19.21	202	1029695	22.787	ng/ul	97
20) Pyrene	19.57	202	808471	17.792	ng/ul	96
21) Benzo(a)anthracene	21.31	228	882870	21.633	ng/ul	99
22) Chrysene	21.36	228	756416	16.546	ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	1401622m	25.694	ng/ul	JU 6/30/21
25) Benzo(k)fluoranthene	22.94	252	501897m	8.924	ng/ul	
26) Benzo(a)pyrene	23.48	252	684579	14.754	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.86	276	571994	9.464	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.86	278	175855	3.626	ng/ul	93
29) Benzo(g,h,i)perylene	26.55	276	29967	0.571	ng/ul#	92

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