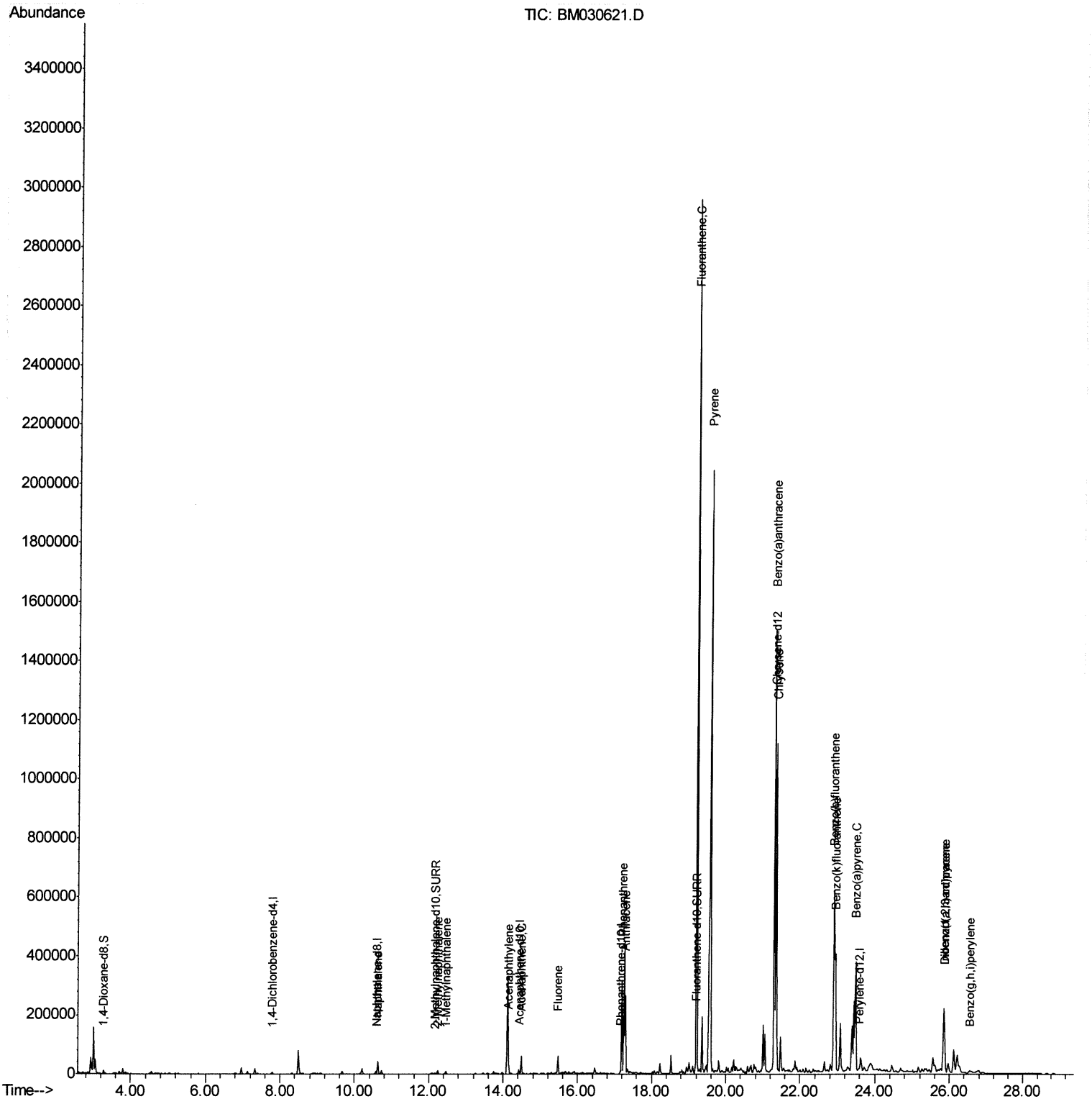
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030621.D
Acq On : 26 Jun 2021 04:14
Operator : CG/JU
Sample : M2682-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 26 05:12:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 26 03:50:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDE4

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:58 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030621.D
Acq On : 26 Jun 2021 04:14
Operator : CG/JU
Sample : M2682-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 26 05:09:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 26 03:50:10 2021
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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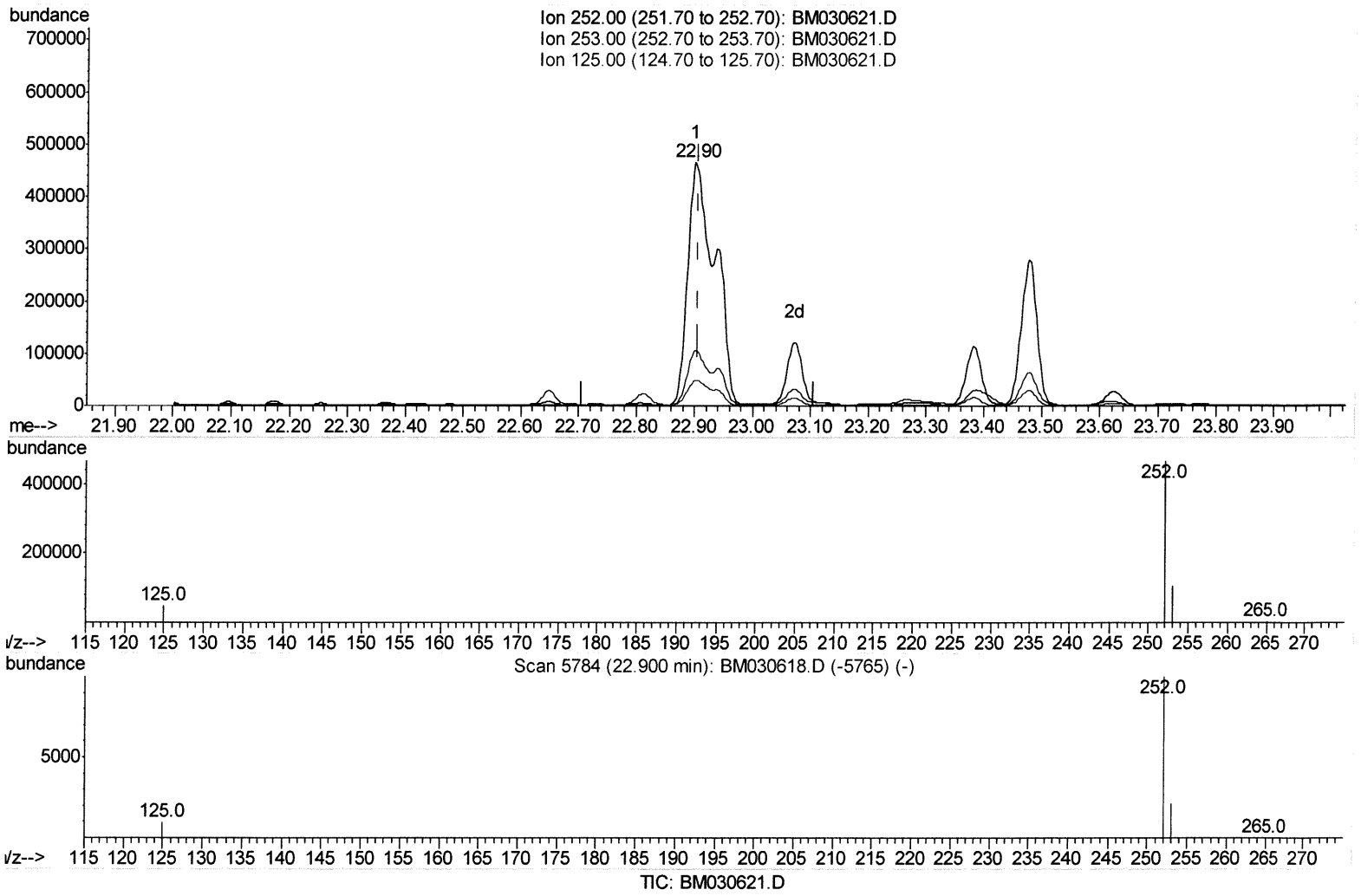

TIC: BM030621.D

(24) Benzo(b)fluoranthene

22.900min (-0.007) 28.42ng/ul

response 1501941

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.75
125.00	13.90	10.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030621.D
Acq On : 26 Jun 2021 04:14
Operator : CG/JU
Sample : M2682-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 26 05:09:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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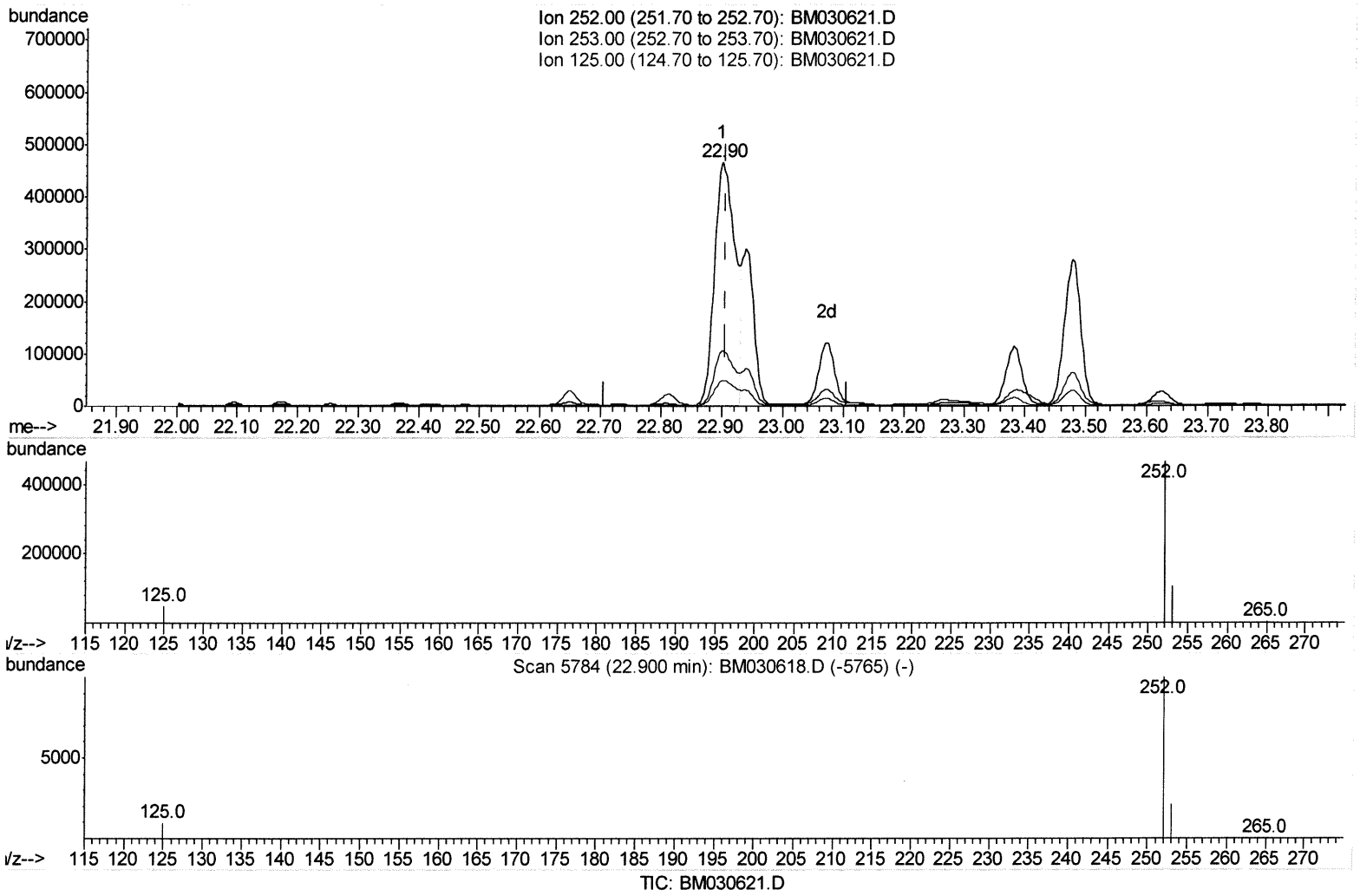
BGDE4

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:58 PM



(24) Benzo(b)fluoranthene

22.900min (-0.007) 20.17ng/ul m JU 6/30/21

response 1066334

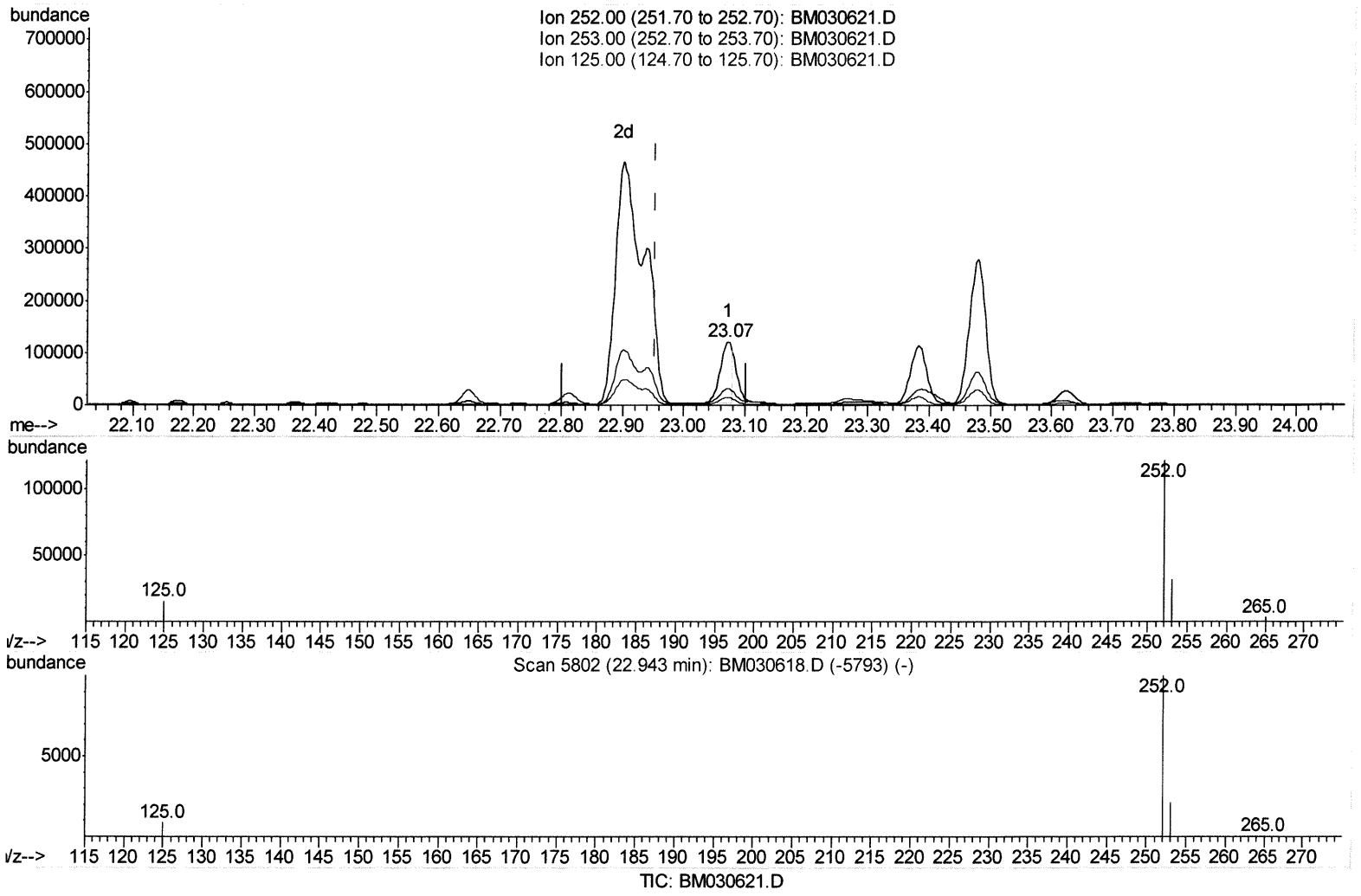
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.75
125.00	13.90	10.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030621.D
Acq On : 26 Jun 2021 04:14
Operator : CG/JU
Sample : M2682-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 26 05:11:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 26 03:50:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDE4

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:58 PM



TIC: BM030621.D

(25) Benzo(k)fluoranthene

23.072min (+0.119) 2.88ng/ul

response 159505

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.46
125.00	13.70	12.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030621.D
Acq On : 26 Jun 2021 04:14
Operator : CG/JU
Sample : M2682-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 26 05:11:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 26 03:50:10 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDE4

Manual Integrations APPROVED
mohammad
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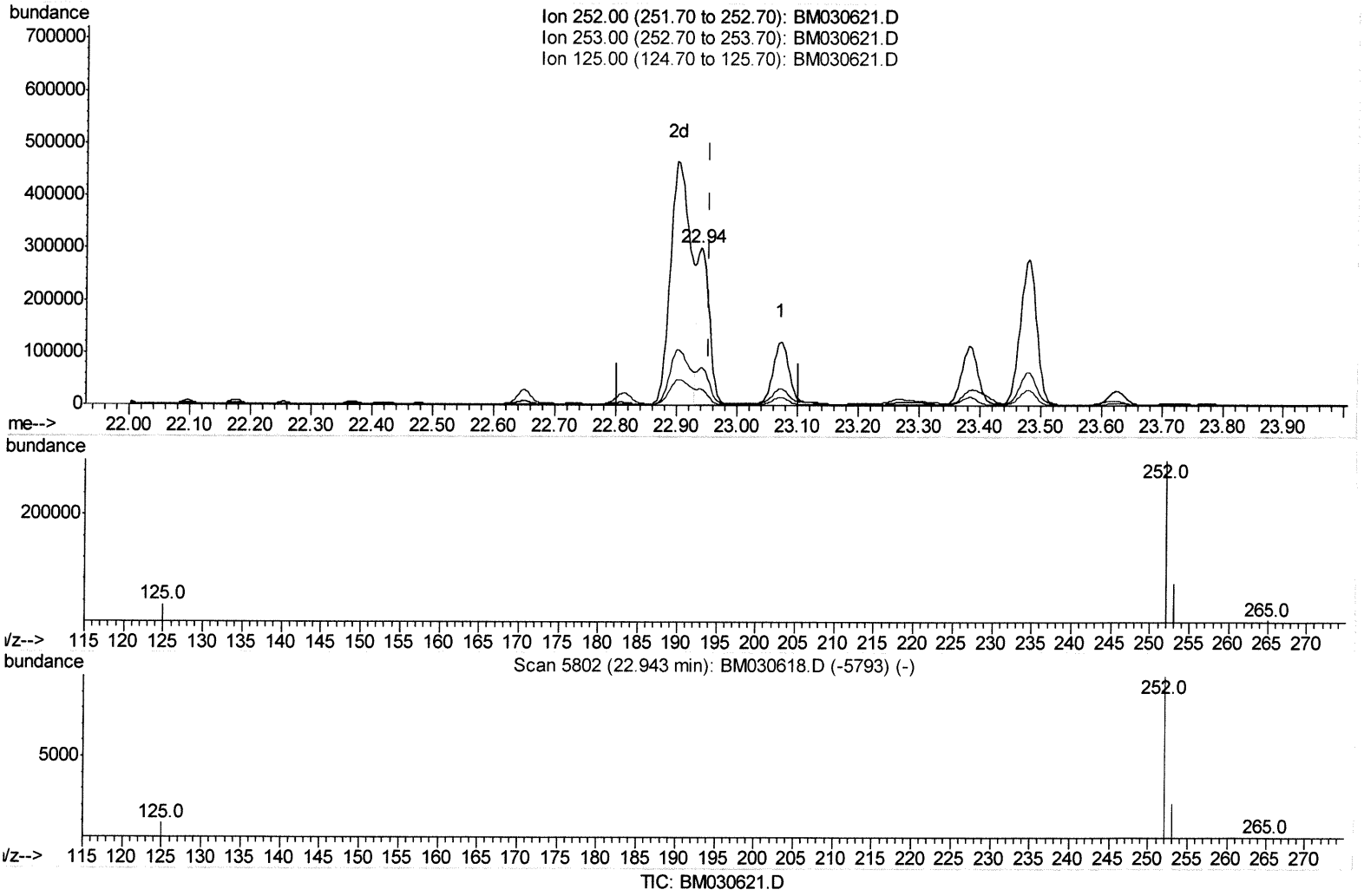

(25) Benzo(k)fluoranthene

22.938min (-0.015) 7.73ng/ul m JU 6/30/21

response 428710

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.76
125.00	13.70	10.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030621.D
Acq On : 26 Jun 2021 04:14
Operator : CG/JU
Sample : M2682-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDE4

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:58 PM

Quant Time: Jun 26 05:12:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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QLast Update : Sat Jun 26 03:50:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	3303	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	13530	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	8404	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	16847	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	13912	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12151	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	6916	1.96	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	2944	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	7738	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	58622	1.456	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	9261	0.341	ng/ul	99
8) 1-Methylnaphthalene	12.46	142	5464	0.207	ng/ul	99
10) Acenaphthylene	14.14	152	43636	1.110	ng/ul	99
11) Acenaphthene	14.48	153	35977	1.123	ng/ul	98
12) Fluorene	15.47	166	37953	1.070	ng/ul	99
15) Phenanthrene	17.20	178	334415	5.575	ng/ul	99
16) Anthracene	17.29	178	271626	5.169	ng/ul	99
19) Fluoranthene	19.21	202	2428009	37.963	ng/ul	99
20) Pyrene	19.57	202	1686685	25.742	ng/ul	99
21) Benzo(a)anthracene	21.31	228	1244680	22.523	ng/ul	96
22) Chrysene	21.36	228	1011728	16.491	ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	1066334m	20.174	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	428710m	7.733	ng/ul	JU 6/30/21
26) Benzo(a)pyrene	23.48	252	526024	11.215	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.85	276	340544	5.710	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.86	278	116581	2.451	ng/ul	97
29) Benzo(g,h,i)perylene	26.56	276	18089	0.351	ng/ul#	87

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