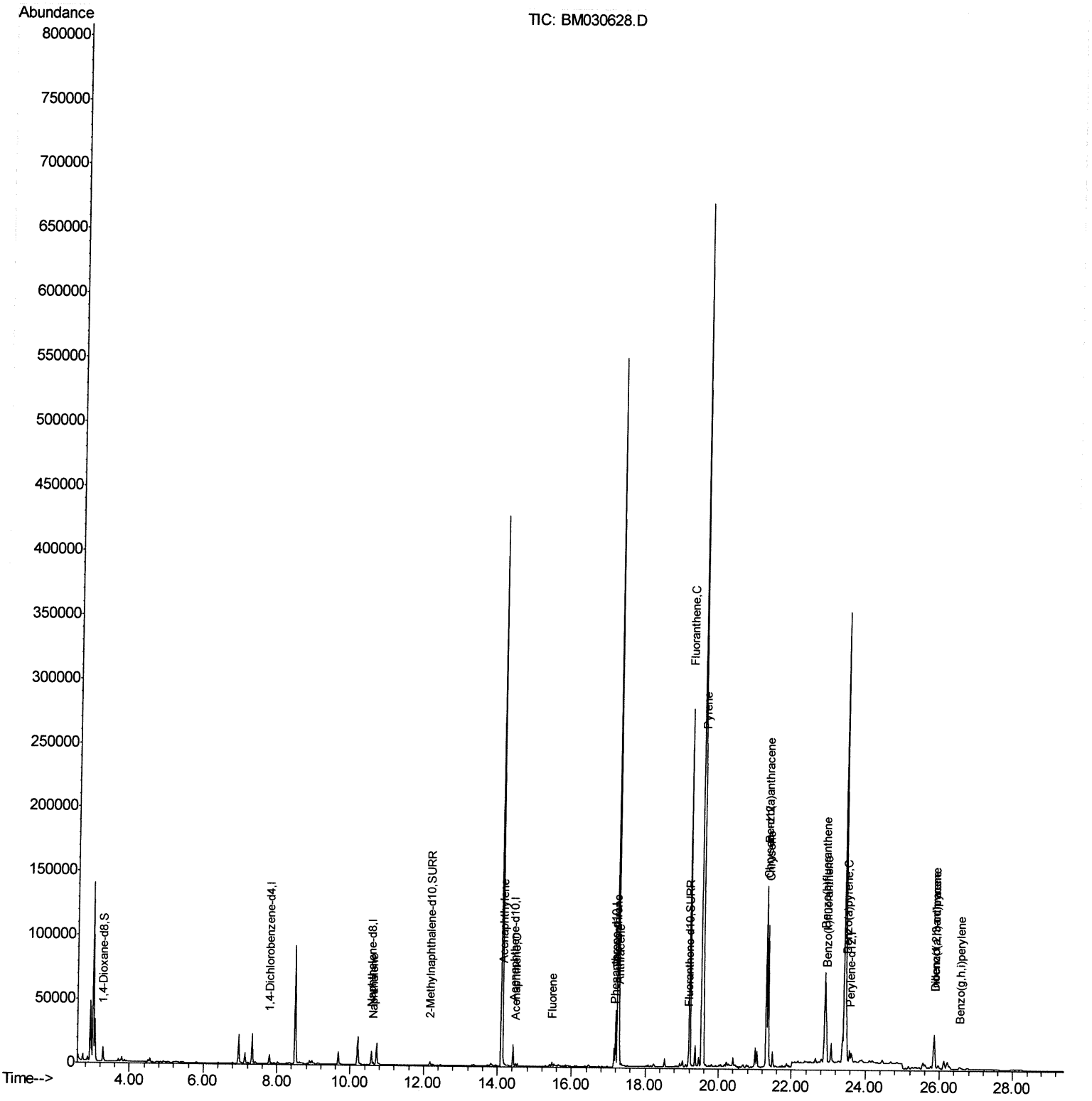
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 27 02:22:06 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 : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 27 02:06:26 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 : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
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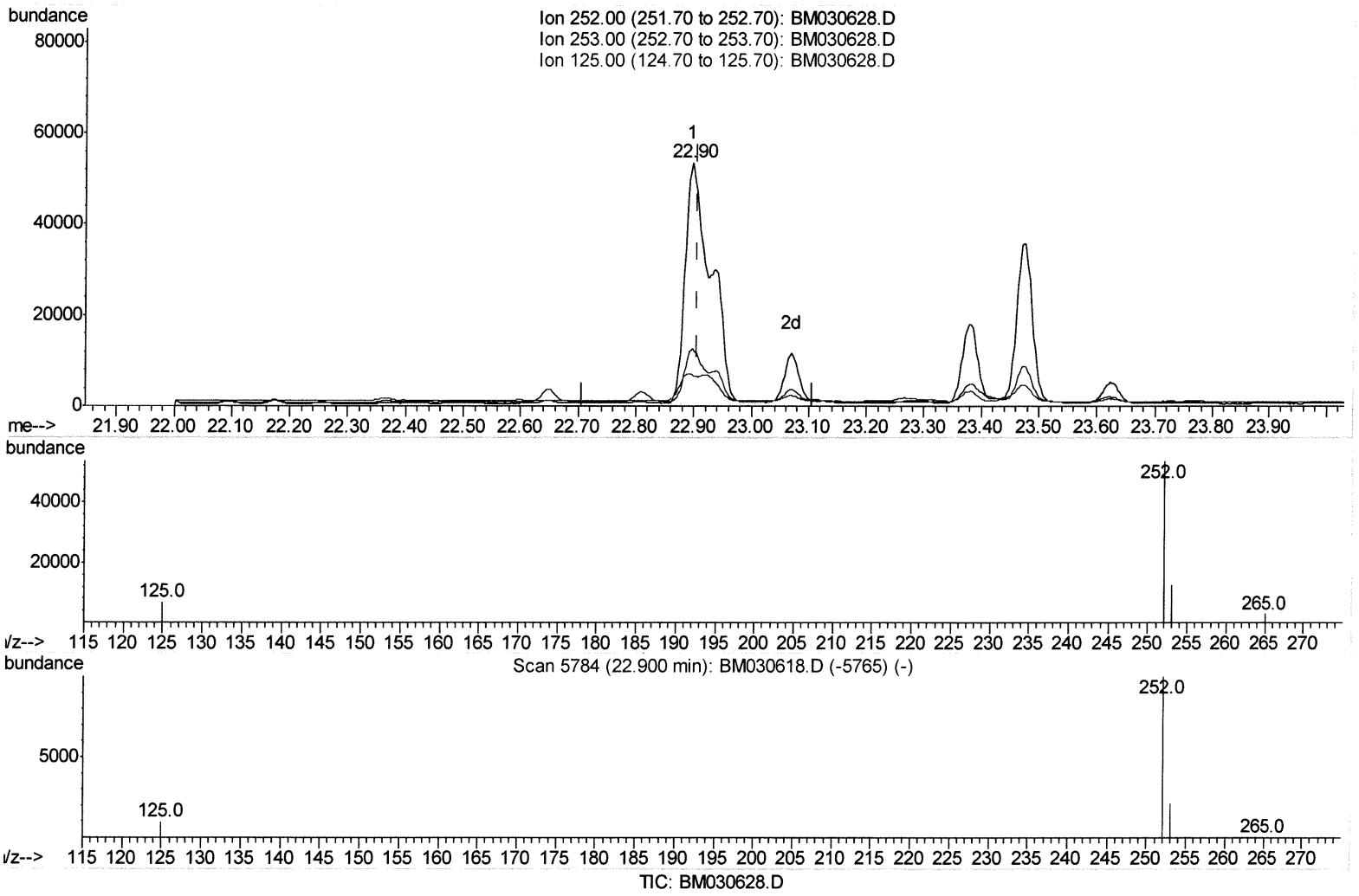

TIC: BM030628.D

(24) Benzo(b)fluoranthene

22.897min (-0.010) 2.95ng/ul

response 163932

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.74
125.00	13.90	12.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
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Quant Time: Jun 27 02:06:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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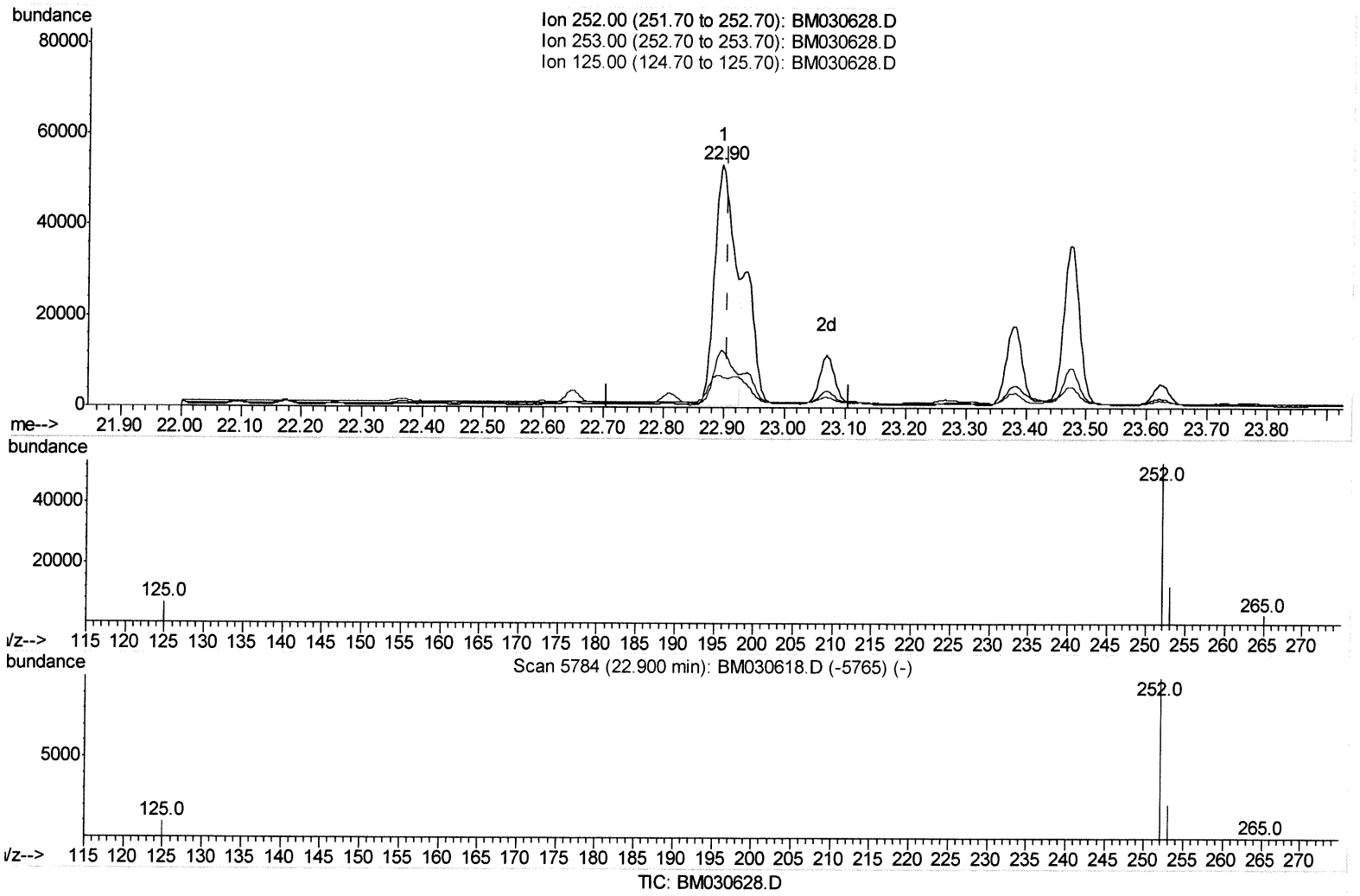
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM



TIC: BM030628.D

(24) Benzo(b)fluoranthene

22.897min (-0.010) 2.14ng/ul m

response 119162 JU 6/28/21

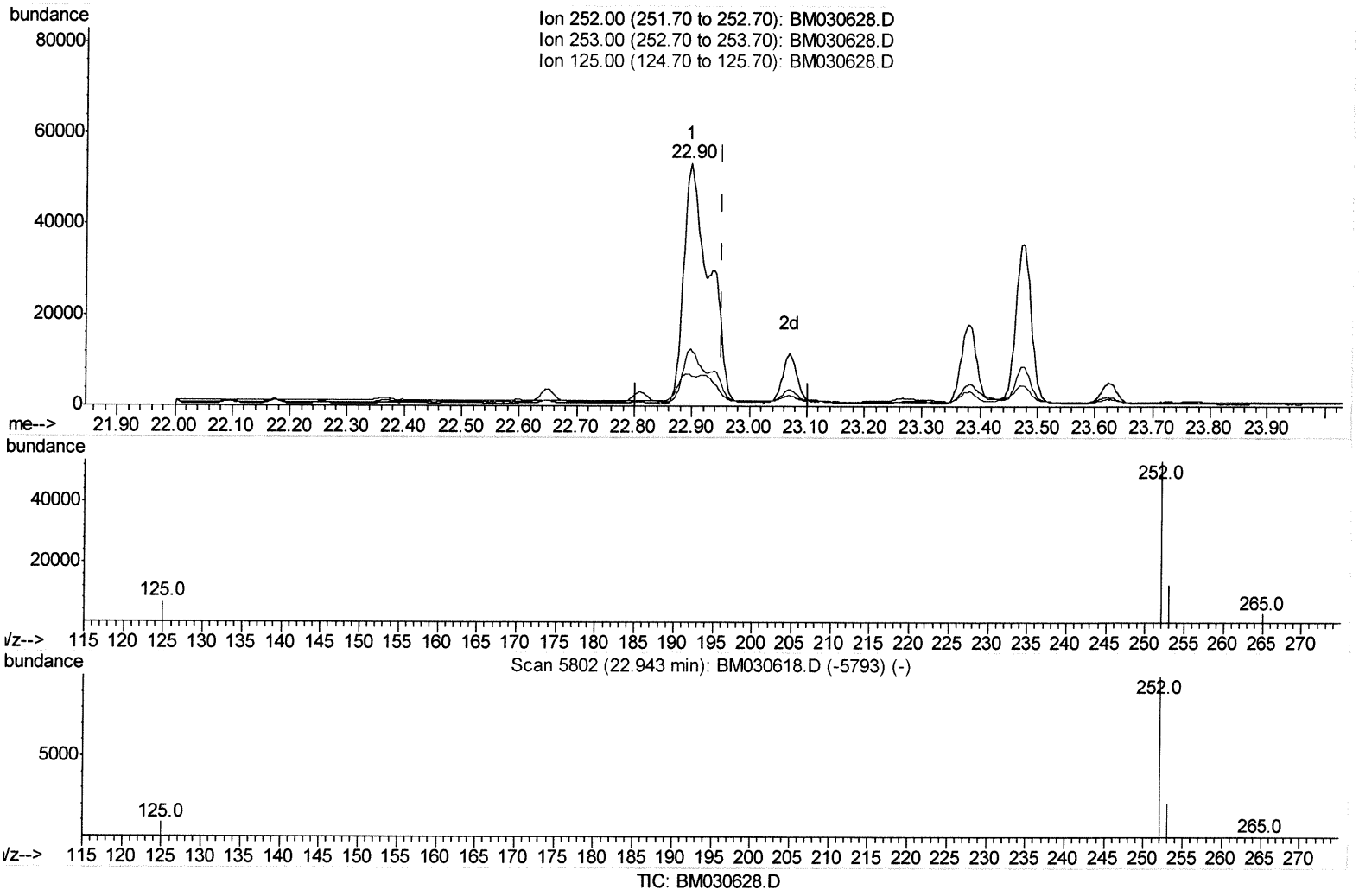
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.74
125.00	13.90	12.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 27 02:20:06 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 : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM



TIC: BM030628.D

(25) Benzo(k)fluoranthene

22.897min (-0.056) 2.81ng/ul

response 163932

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.74
125.00	13.70	12.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 27 02:20:06 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 : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
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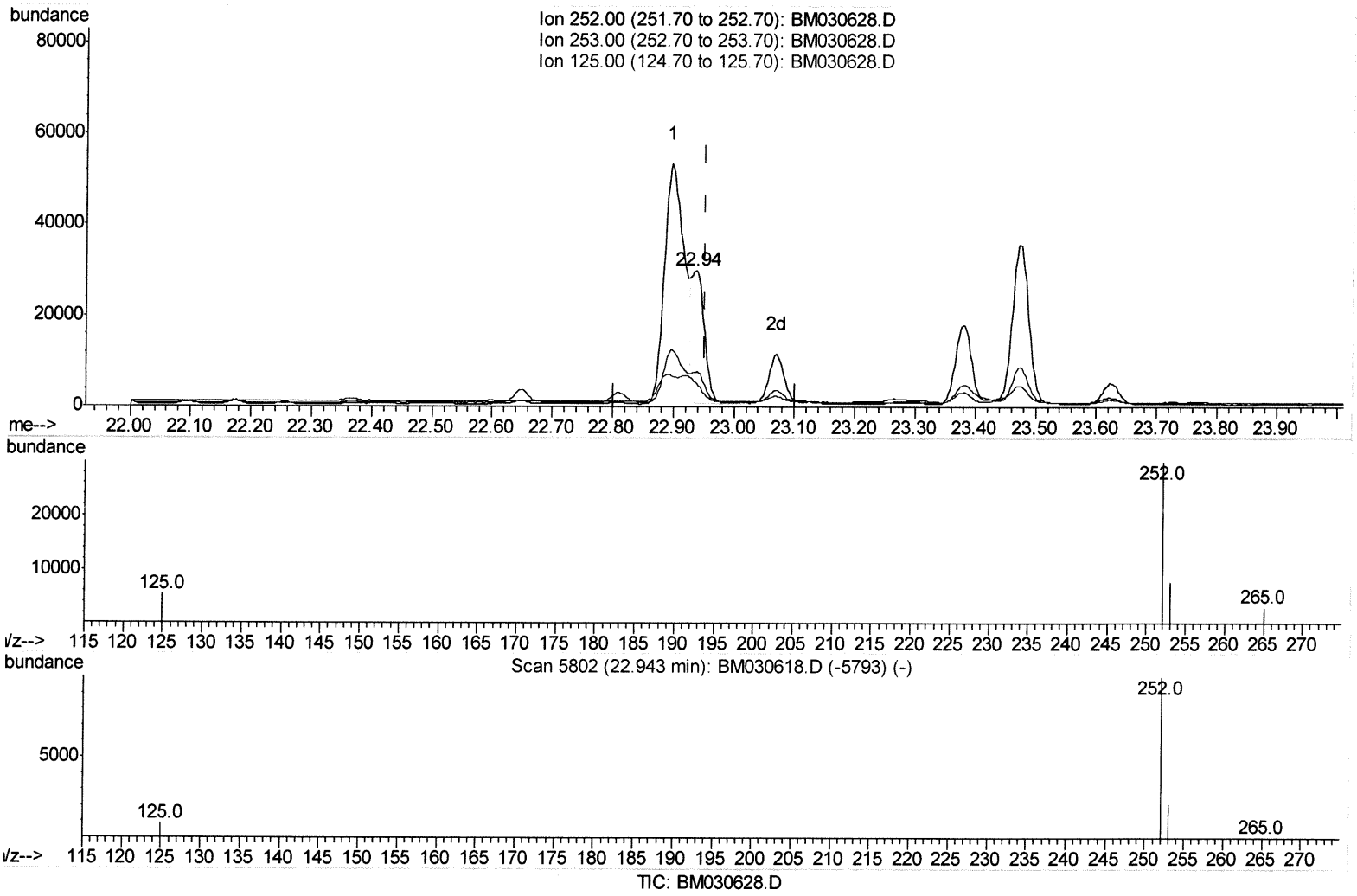

TIC: BM030628.D

(25) Benzo(k)fluoranthene

22.936min (-0.017) 0.74ng/ul m

response 43411

6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.58
125.00	13.70	17.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030628.D
Acq On : 26 Jun 2021 08:29
Operator : CG/JU
Sample : M2682-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDA0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:23 PM

Quant Time: Jun 27 02:22:06 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 : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	3441	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	14456	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9111	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	18027	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	13326	0.40	ng/ul	0.00
23) Perylene-d12	23.57	264	12776	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	7930	2.15	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.17	152	3657	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	9195	0.23	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	2572	0.060	ng/ul#	93
10) Acenaphthylene	14.14	152	4392	0.103	ng/ul	95
11) Acenaphthene	14.49	153	1277	0.037	ng/ul	99
12) Fluorene	15.47	166	2098	0.055	ng/ul#	95
15) Phenanthrene	17.20	178	46790	0.729	ng/ul	100
16) Anthracene	17.29	178	20437	0.363	ng/ul	99
19) Fluoranthene	19.21	202	242753	3.962	ng/ul	98
20) Pyrene	19.57	202	190781	3.040	ng/ul	98
21) Benzo(a)anthracene	21.31	228	117062	2.211	ng/ul	97
22) Chrysene	21.36	228	105743	1.799	ng/ul	98
24) Benzo(b)fluoranthene	22.90	252	119162m	2.144	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	43411m	0.745	ng/ul	
26) Benzo(a)pyrene	23.47	252	66786	1.354	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.85	276	43047	0.686	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.86	278	12305	0.246	ng/ul#	84
29) Benzo(g,h,i)perylene	26.56	276	4030	0.074	ng/ul#	78

JG 6/30/21

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