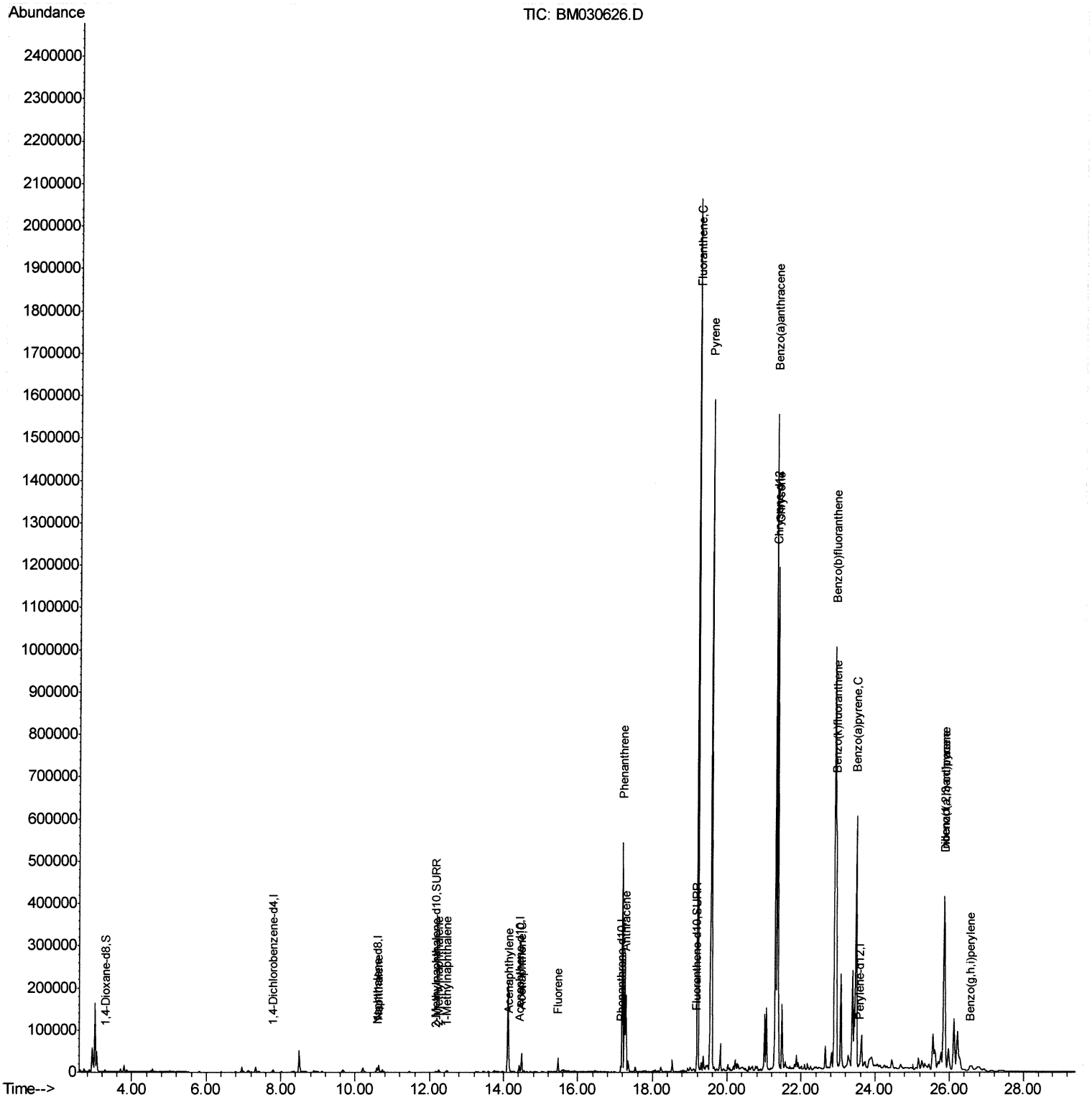
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030626.D
Acq On : 26 Jun 2021 07:16
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 27 02:10:47 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 :
BGDD0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:17 PM

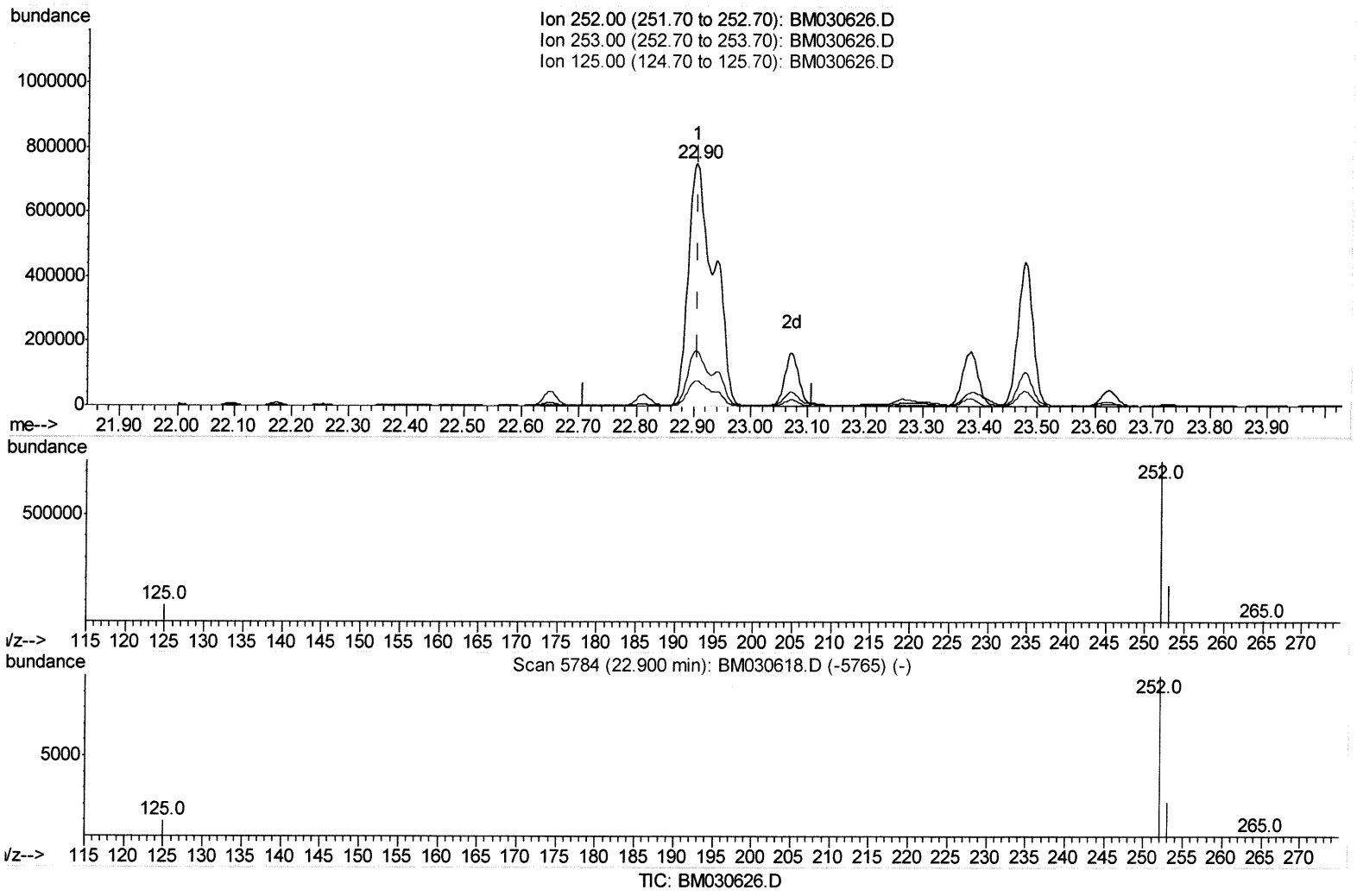


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030626.D
Acq On : 26 Jun 2021 07:16
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 27 02:05:55 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 :
BGDD0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:17 PM



TIC: BM030626.D

(24) Benzo(b)fluoranthene

22.905min (-0.002) 42.26ng/ul

response 2354589

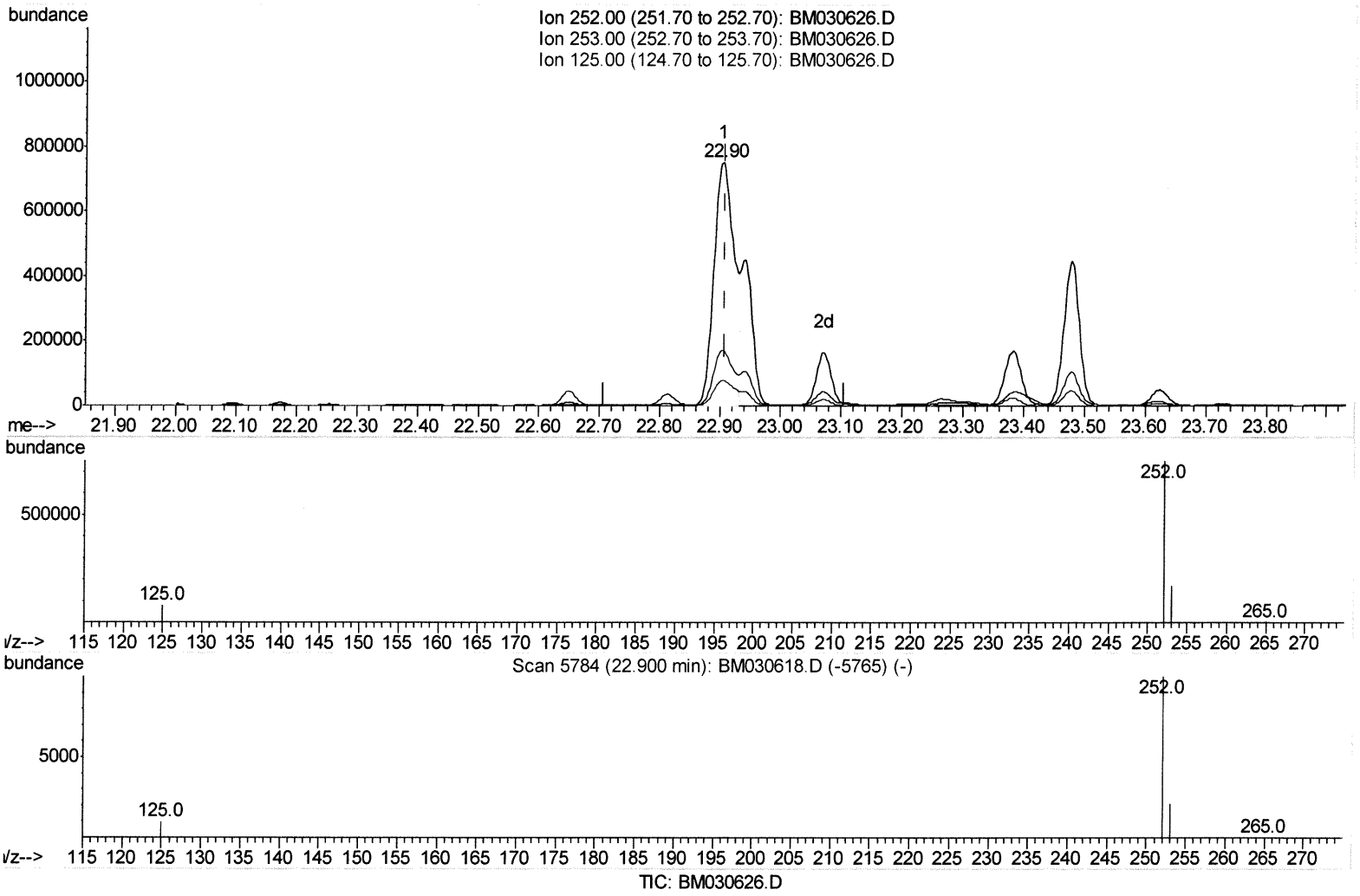
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.90
125.00	13.90	10.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030626.D
Acq On : 26 Jun 2021 07:16
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 27 02:05:55 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 :
BGDD0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:17 PM



TIC: BM030626.D

(24) Benzo(b)fluoranthene

22.905min (-0.002) 31.23ng/ul m JU 6 |30|21

response 1739728

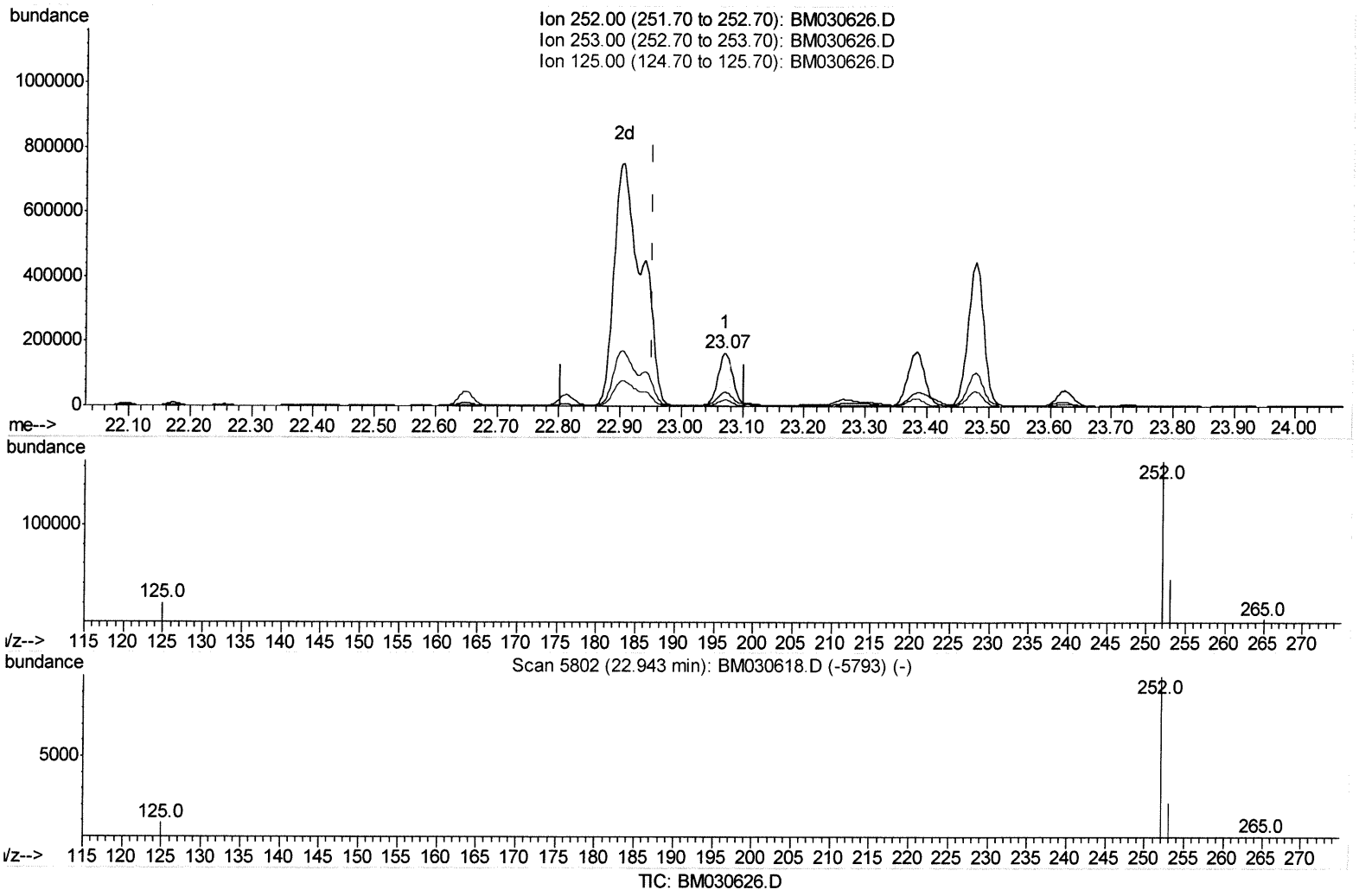
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.90
125.00	13.90	10.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030626.D
Acq On : 26 Jun 2021 07:16
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 27 02:09:48 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 :
BGDD0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:17 PM



(25) Benzo(k)fluoranthene

23.072min (+0.119) 3.59ng/ul

response 209571

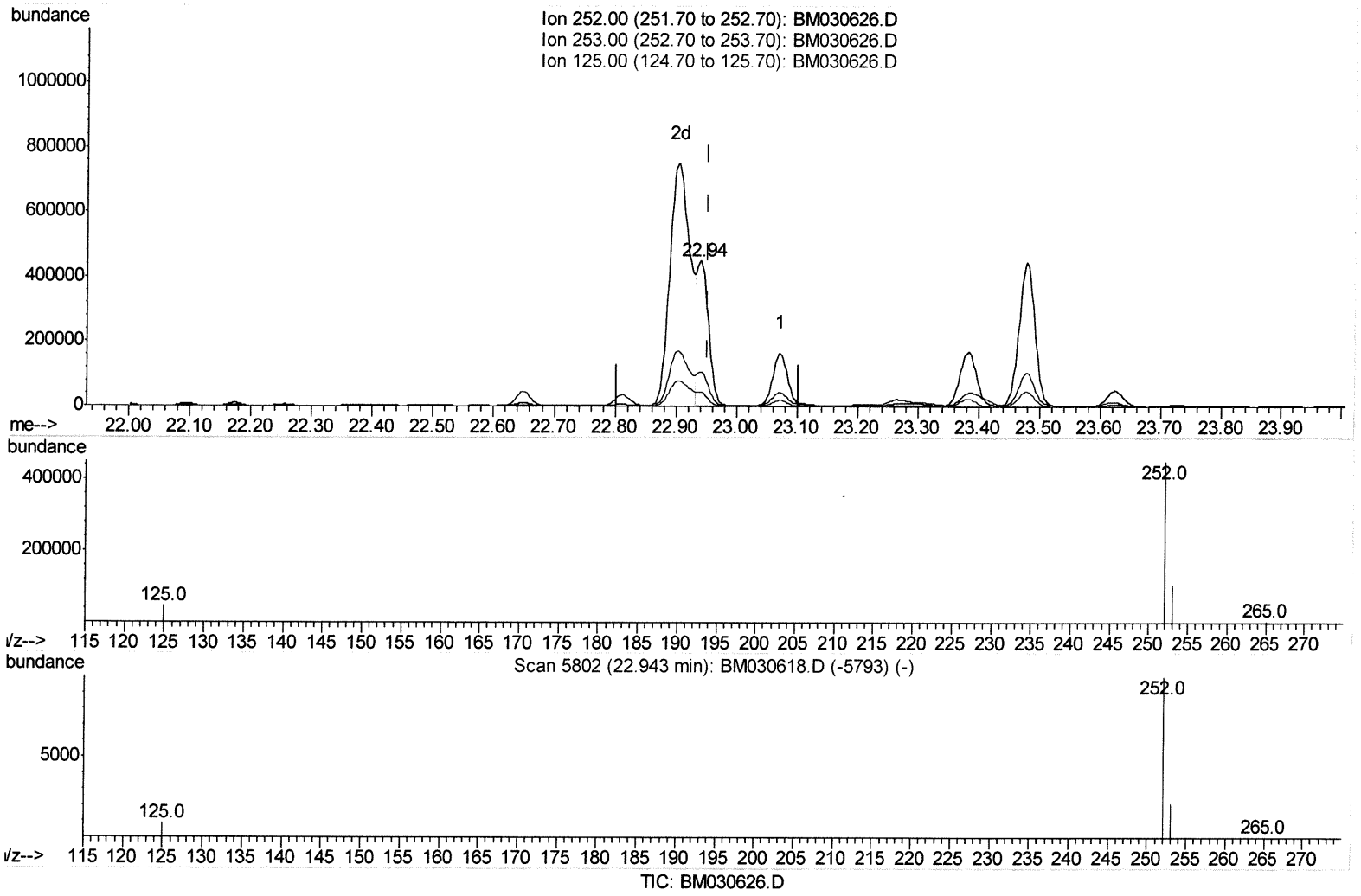
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.88
125.00	13.70	12.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030626.D
Acq On : 26 Jun 2021 07:16
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 27 02:09:48 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 :
BGDD0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:17 PM



TIC: BM030626.D

(25) Benzo(k)fluoranthene

22.941min (-0.012) 10.33ng/ul m JU 6/30/21

response 603584

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.66
125.00	13.70	10.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030626.D
Acq On : 26 Jun 2021 07:16
Operator : CG/JU
Sample : M2682-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDD0

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:17 PM

Quant Time: Jun 27 02:10:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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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	3406	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	14251	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	8730	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	17439	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	14185	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12808	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	3813	1.05	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	1939	0.09	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	4633	0.11	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	24479	0.577	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	4763	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.47	142	3154	0.113	ng/ul	100
10) Acenaphthylene	14.14	152	18010	0.441	ng/ul	98
11) Acenaphthene	14.48	153	25996	0.781	ng/ul	99
12) Fluorene	15.47	166	21429	0.581	ng/ul	98
15) Phenanthrene	17.20	178	566341	9.121	ng/ul	99
16) Anthracene	17.29	178	182851	3.361	ng/ul	99
19) Fluoranthene	19.21	202	1743827	26.741	ng/ul	97
20) Pyrene	19.57	202	1354394	20.273	ng/ul	98
21) Benzo(a)anthracene	21.31	228	1275451	22.635	ng/ul	98
22) Chrysene	21.36	228	1089915	17.423	ng/ul	96
24) Benzo(b)fluoranthene	22.90	252	1739728m	31.226	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	603584m	10.329	ng/ul	
26) Benzo(a)pyrene	23.48	252	805800	16.298	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.86	276	633918	10.083	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.86	278	193082	3.851	ng/ul	97
29) Benzo(g,h,i)perylene	26.55	276	31652	0.583	ng/ul#	91

JU 6/30/21

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