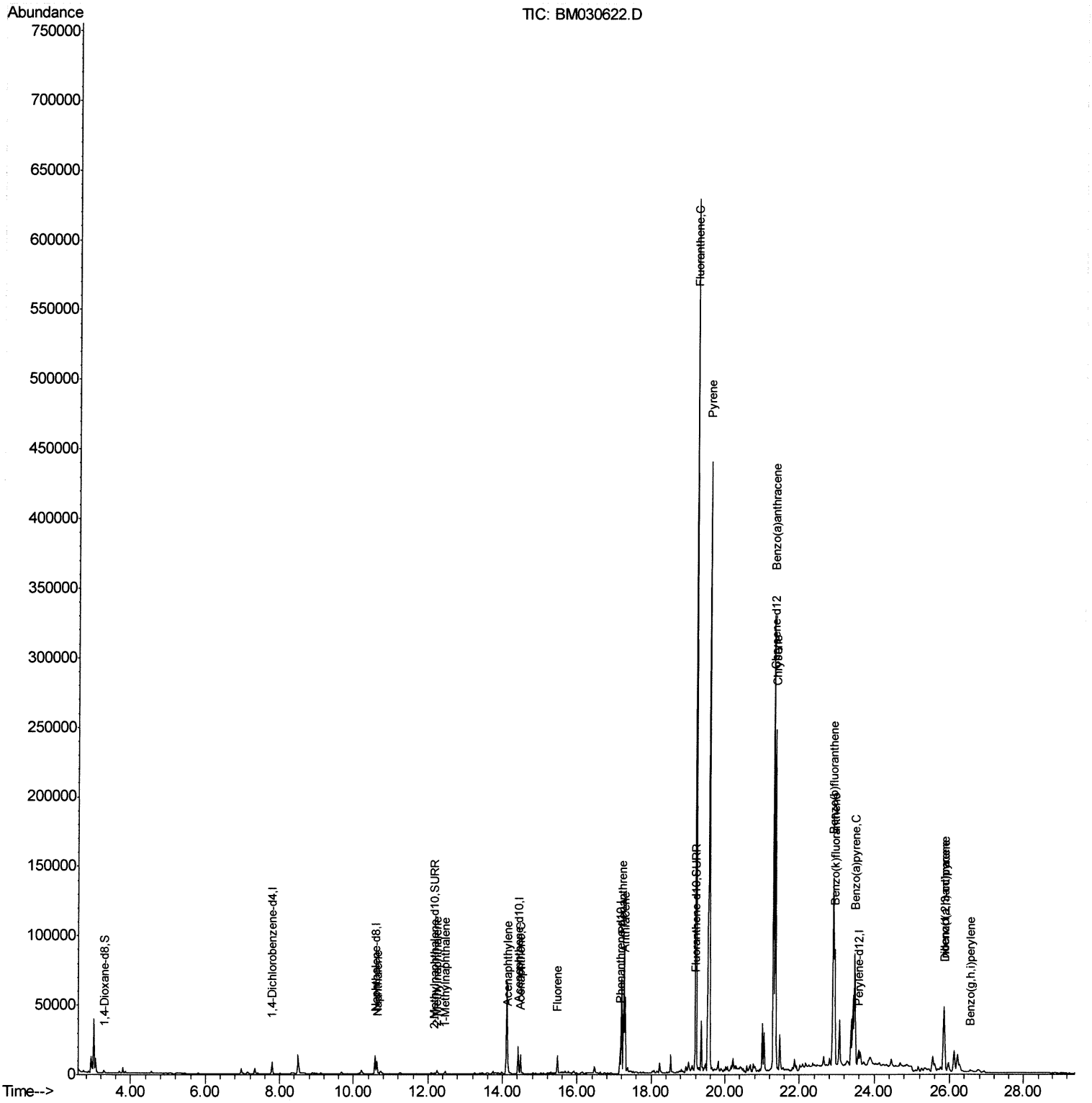
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030622.D
Acq On : 26 Jun 2021 04:51
Operator : CG/JU
Sample : M2682-06DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 26 06:33:45 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 05:08:32 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDE4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:07 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030622.D
Acq On : 26 Jun 2021 04:51
Operator : CG/JU
Sample : M2682-06DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 26 06:28:30 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 05:08:32 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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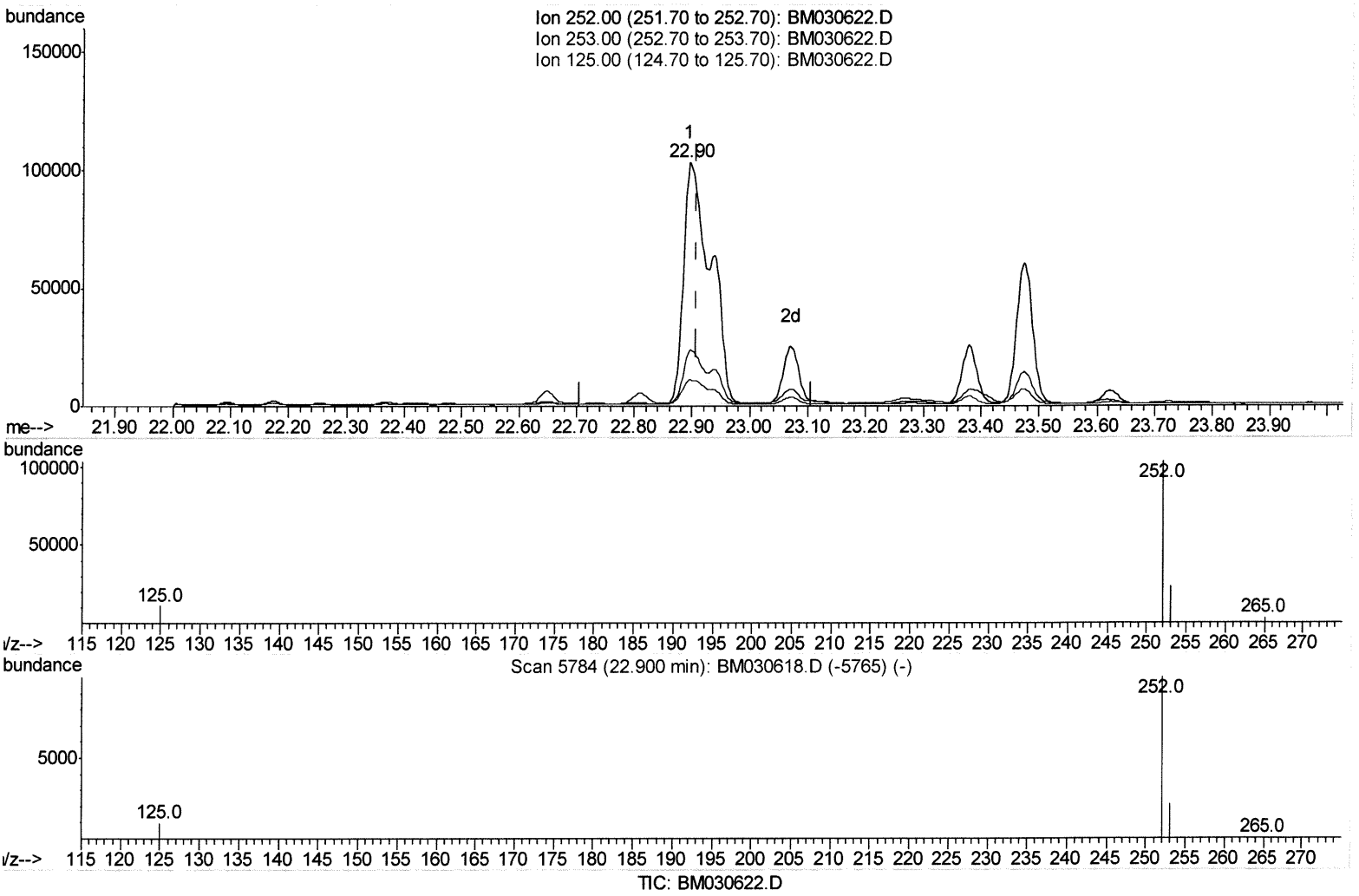

TIC: BM030622.D

(24) Benzo(b)fluoranthene

22.895min (-0.012) 4.99ng/ul

response 332872

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.91
125.00	13.90	10.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030622.D
Acq On : 26 Jun 2021 04:51
Operator : CG/JU
Sample : M2682-06DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 26 06:28:30 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 05:08:32 2021
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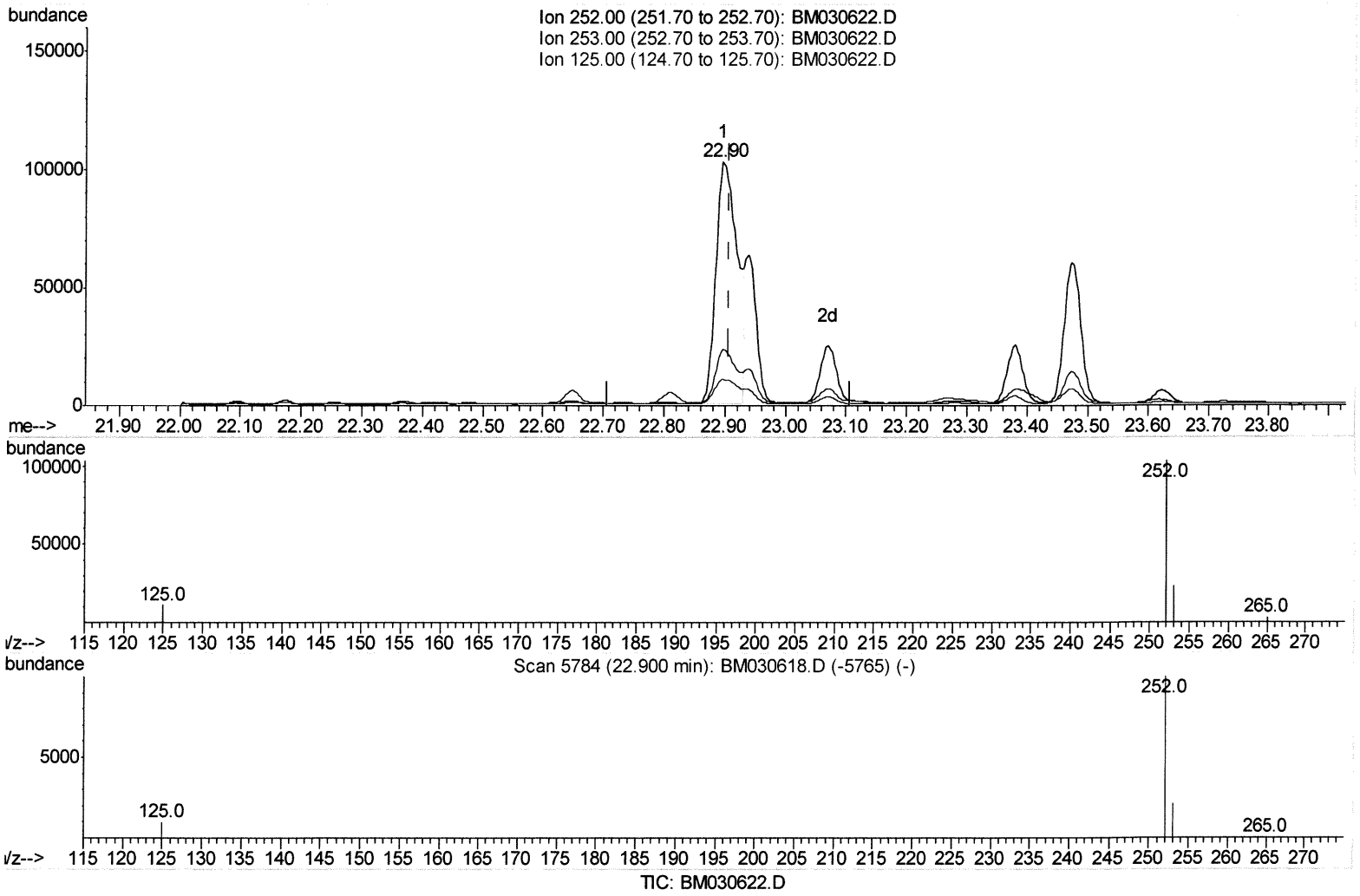
Instrument :
BNA_M
ClientSampleId :
BGDE4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:07 PM



TIC: BM030622.D

(24) Benzo(b)fluoranthene

22.895min (-0.012) 3.67ng/ul m JU 6/30/21

response 244579

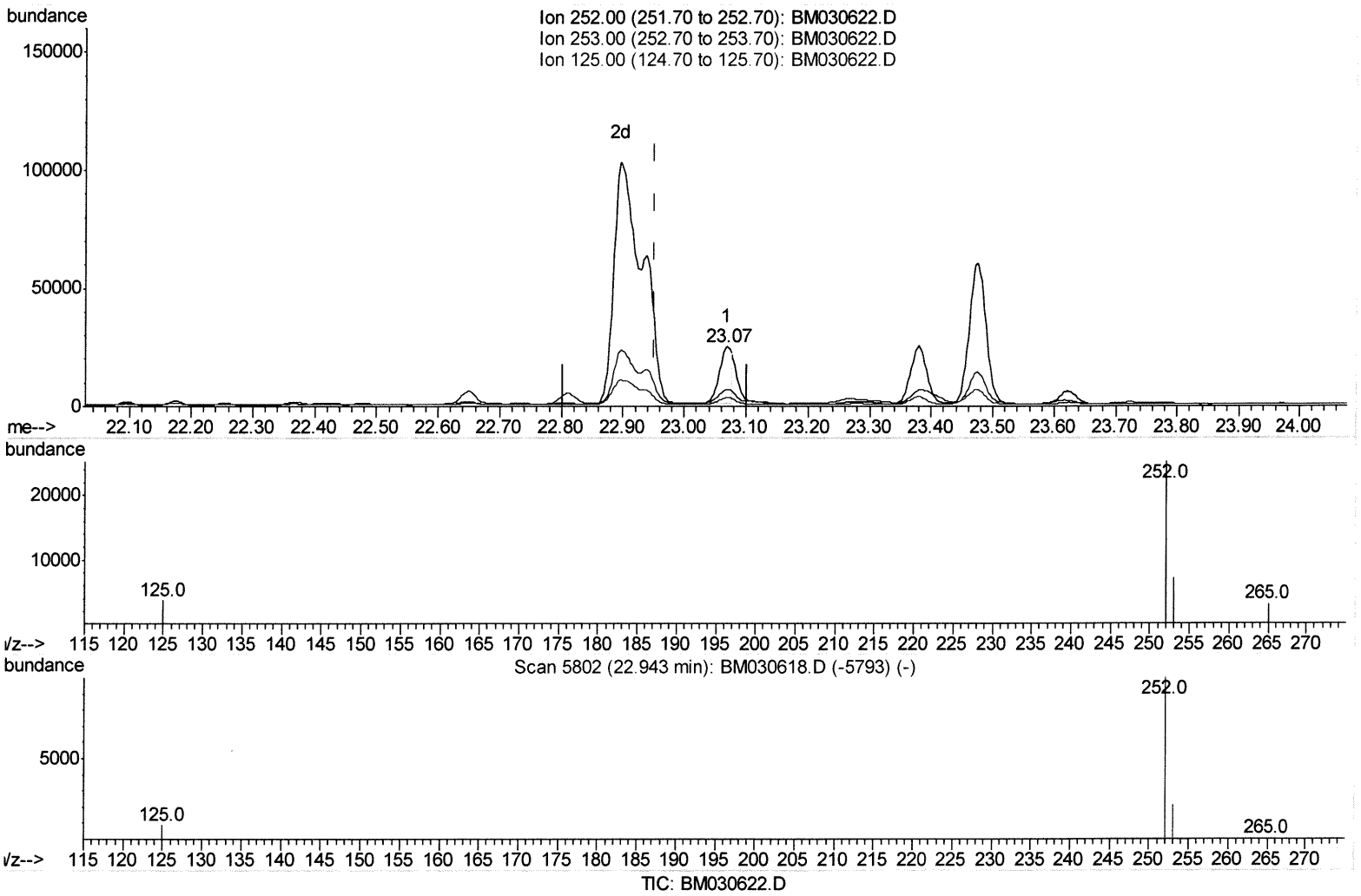
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.91
125.00	13.90	10.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030622.D
Acq On : 26 Jun 2021 04:51
Operator : CG/JU
Sample : M2682-06DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 26 06:30:09 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 05:08:32 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDE4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:07 PM



TIC: BM030622.D

(25) Benzo(k)fluoranthene

23.070min (+0.117) 0.46ng/ul

response 32193

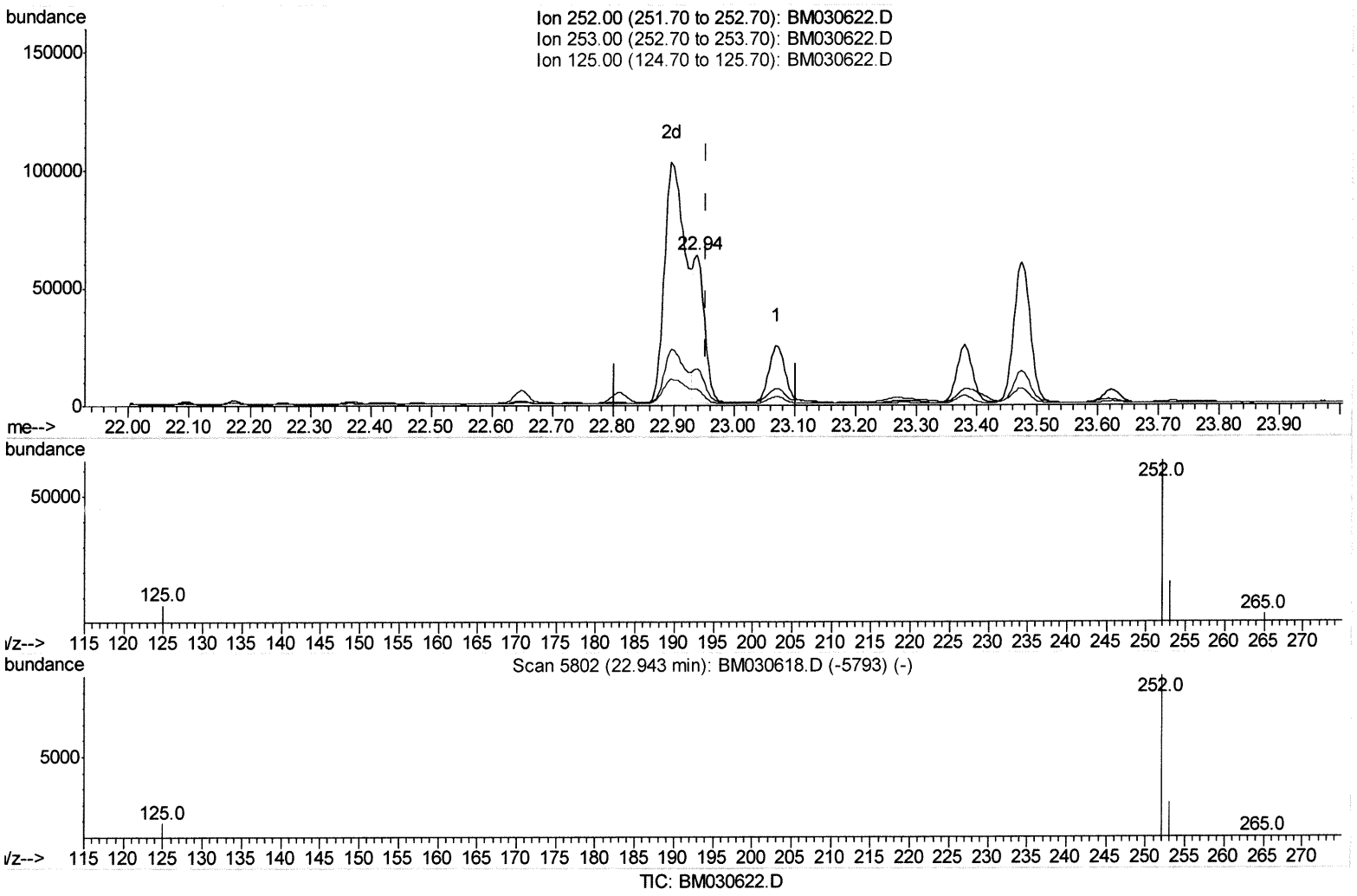
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.29
125.00	13.70	14.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030622.D
Acq On : 26 Jun 2021 04:51
Operator : CG/JU
Sample : M2682-06DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 26 06:30:09 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 05:08:32 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDE4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:07 PM



TIC: BM030622.D

(25) Benzo(k)fluoranthene

22.939min (-0.014) 1.23ng/ul m JU 6/30/21

response 86161

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	24.53
125.00	13.70	10.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030622.D
Acq On : 26 Jun 2021 04:51
Operator : CG/JU
Sample : M2682-06DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDE4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:07 PM

Quant Time: Jun 26 06:33:45 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 05:08:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	4386	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	18143	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	11182	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	22387	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	16820	0.40	ng/ul	0.00
23) Perylene-d12	23.57	264	15333	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1619	0.35	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	675	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	1698	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	13183	0.244	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	2056	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.47	142	1252	0.035	ng/ul	100
10) Acenaphthylene	14.14	152	9550	0.182	ng/ul	97
11) Acenaphthene	14.49	153	8124	0.191	ng/ul	98
12) Fluorene	15.47	166	8357	0.177	ng/ul	97
15) Phenanthrene	17.20	178	74720	0.937	ng/ul	100
16) Anthracene	17.29	178	57966	0.830	ng/ul	99
19) Fluoranthene	19.21	202	537474	6.951	ng/ul	98
20) Pyrene	19.57	202	369487	4.664	ng/ul	98
21) Benzo(a)anthracene	21.31	228	269270	4.030	ng/ul	97
22) Chrysene	21.36	228	220841	2.977	ng/ul	98
24) Benzo(b)fluoranthene	22.90	252	244579m	3.667	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	86161m	1.232	ng/ul	JU 6/30/21
26) Benzo(a)pyrene	23.47	252	114858	1.941	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.85	276	72352	0.961	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.86	278	24846	0.414	ng/ul	94
29) Benzo(g,h,i)perylene	26.56	276	3873	0.060	ng/ul#	71

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