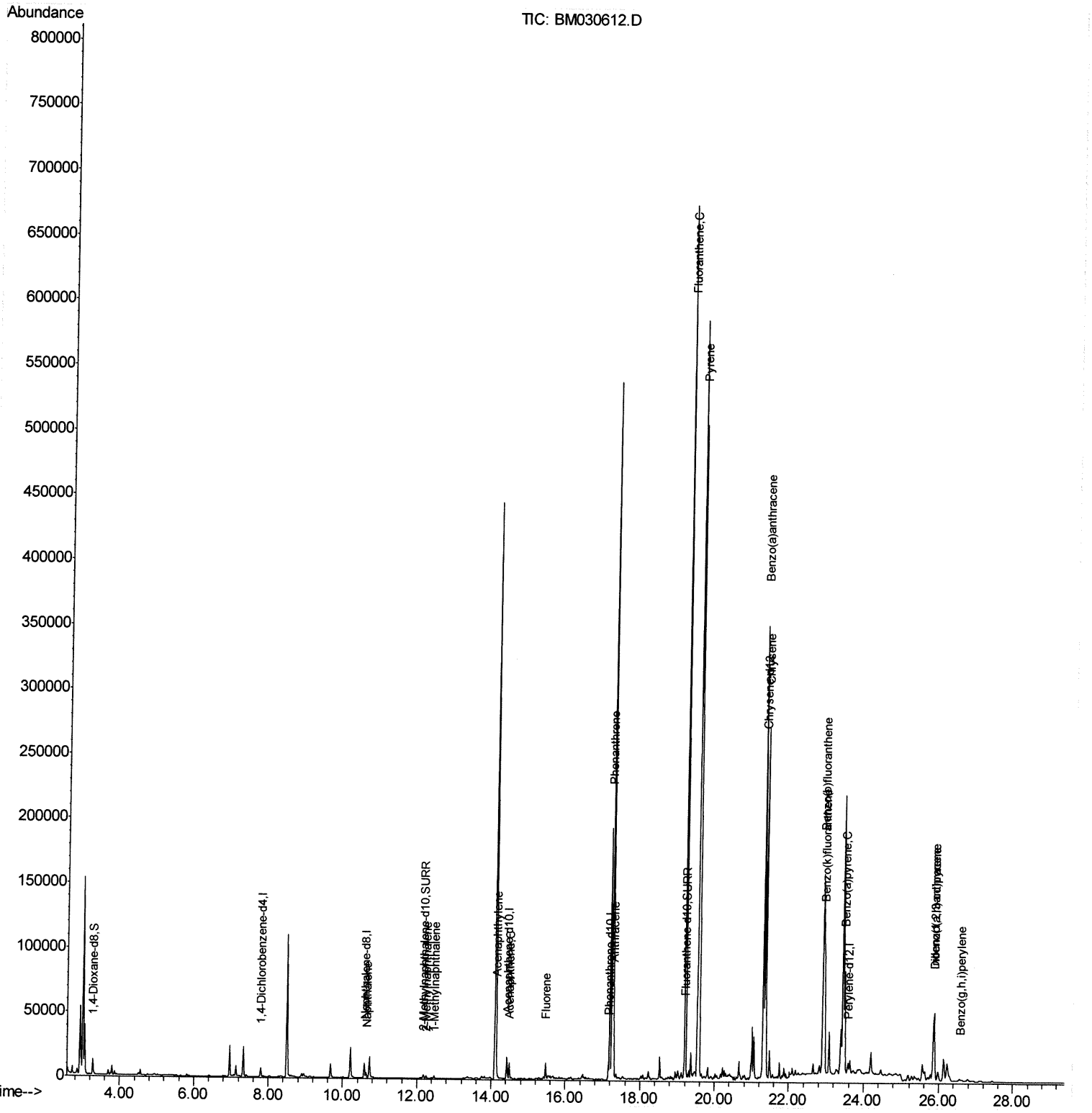
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030612.D
Acq On : 25 Jun 2021 21:31
Operator : CG/JU
Sample : M2682-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 26 02:10:20 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 :
BGD90

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

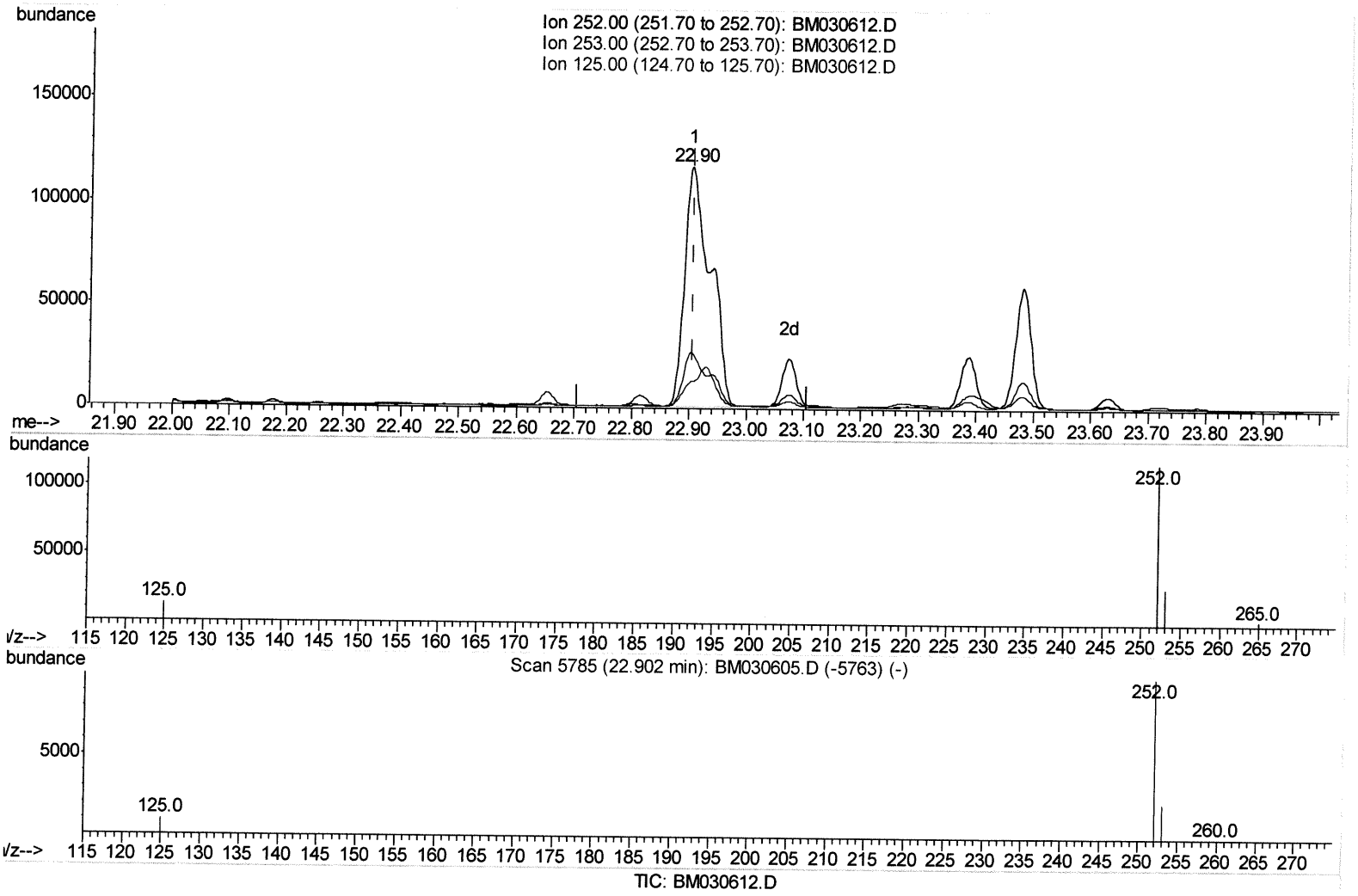


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030612.D
Acq On : 25 Jun 2021 21:31
Operator : CG/JU
Sample : M2682-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 26 01:31:32 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 :
BGD90

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



(24) Benzo(b)fluoranthene

22.905min (-0.002) 7.77ng/ul

response 364767

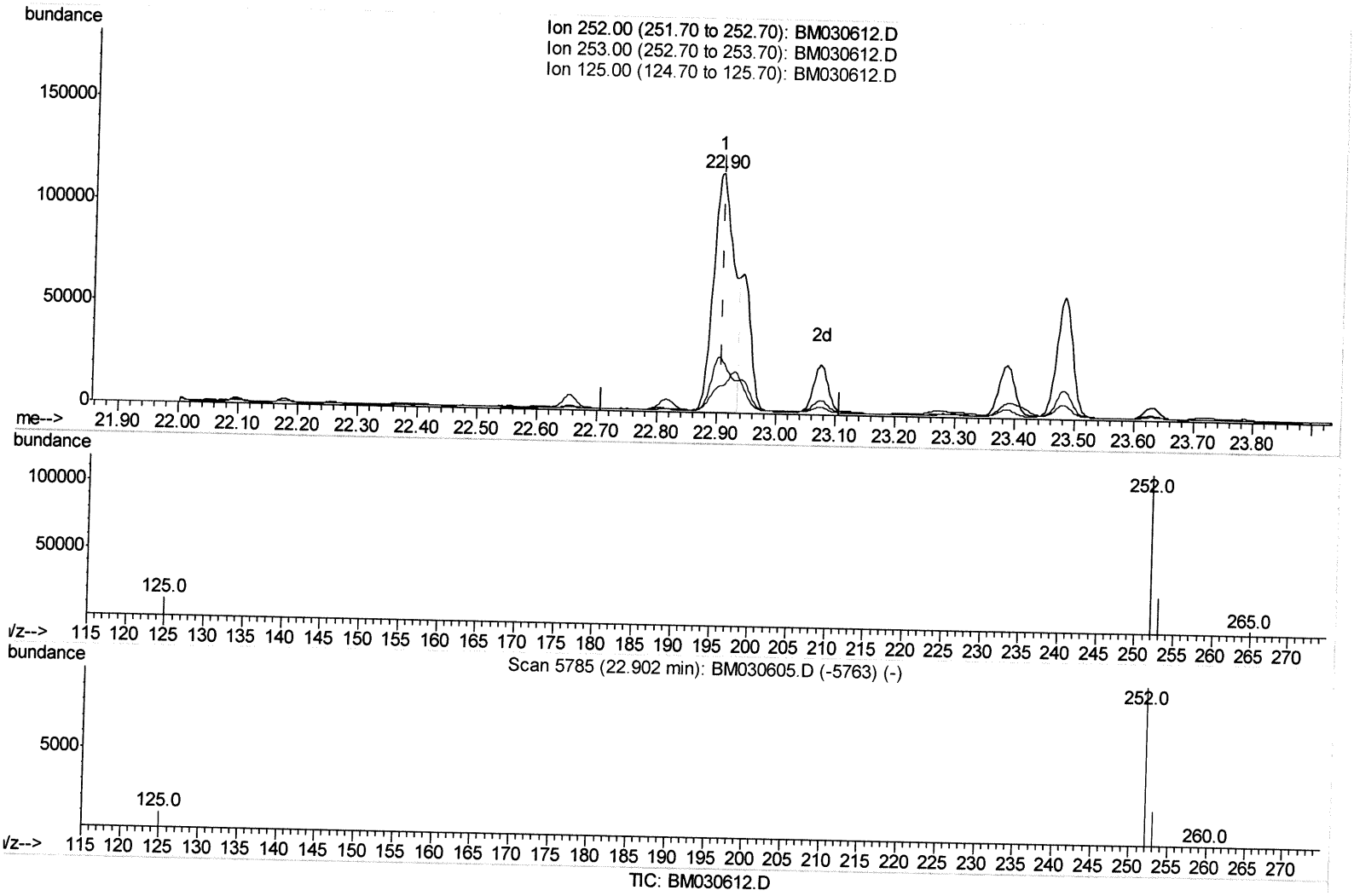
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.02
125.00	13.90	11.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030612.D
Acq On : 25 Jun 2021 21:31
Operator : CG/JU
Sample : M2682-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD90

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

Quant Time: Jun 26 01:31:32 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



(24) Benzo(b)fluoranthene

22.905min (-0.002) 5.84ng/ul m

response 273895

JU 6/30/21

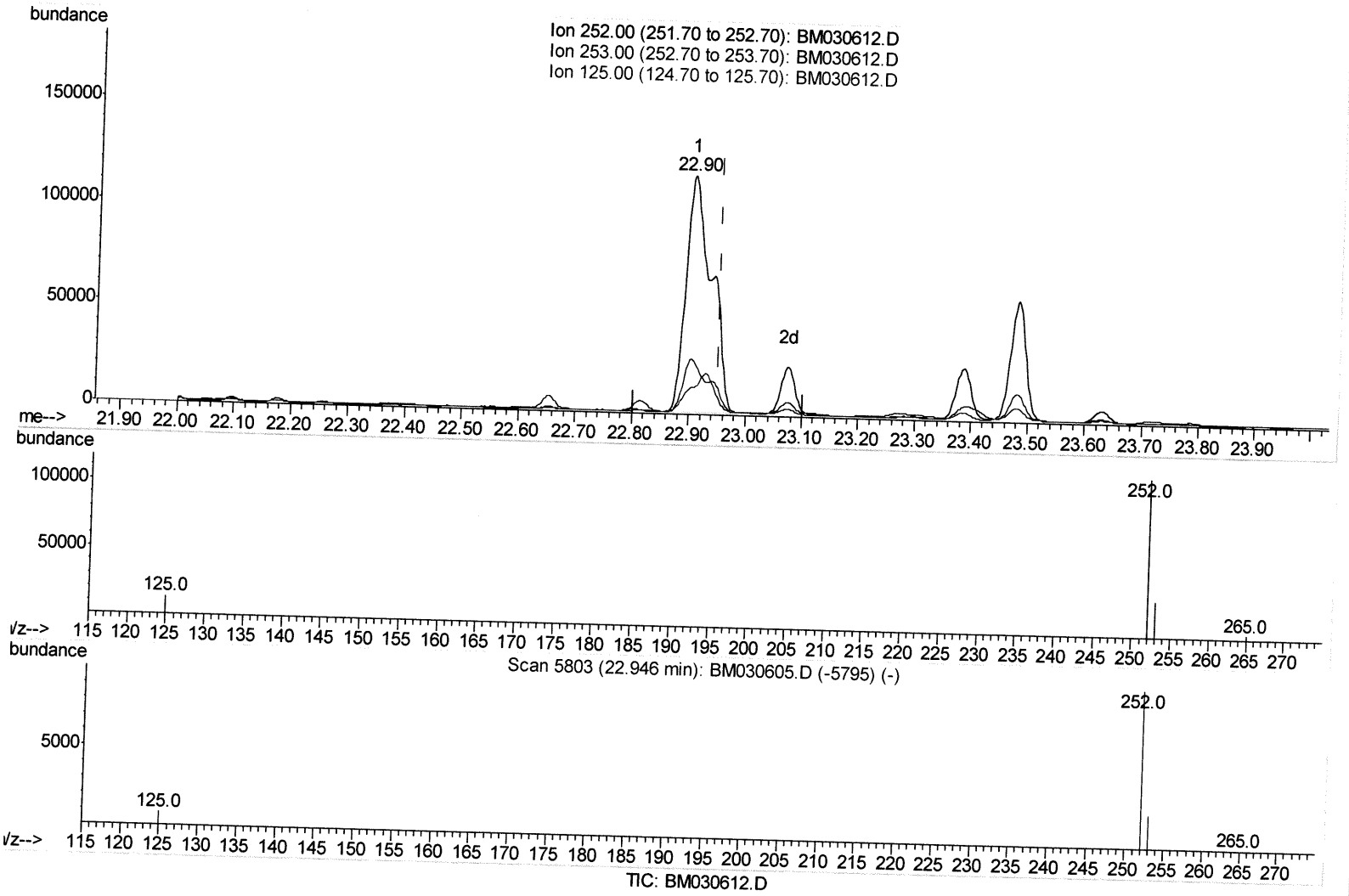
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.02
125.00	13.90	11.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030612.D
Acq On : 25 Jun 2021 21:31
Operator : CG/JU
Sample : M2682-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Instrument :
BNA_M
ClientSampleId :
BGD90

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



(25) Benzo(k)fluoranthene

22.905min (-0.048) 7.41ng/ul

response 364767

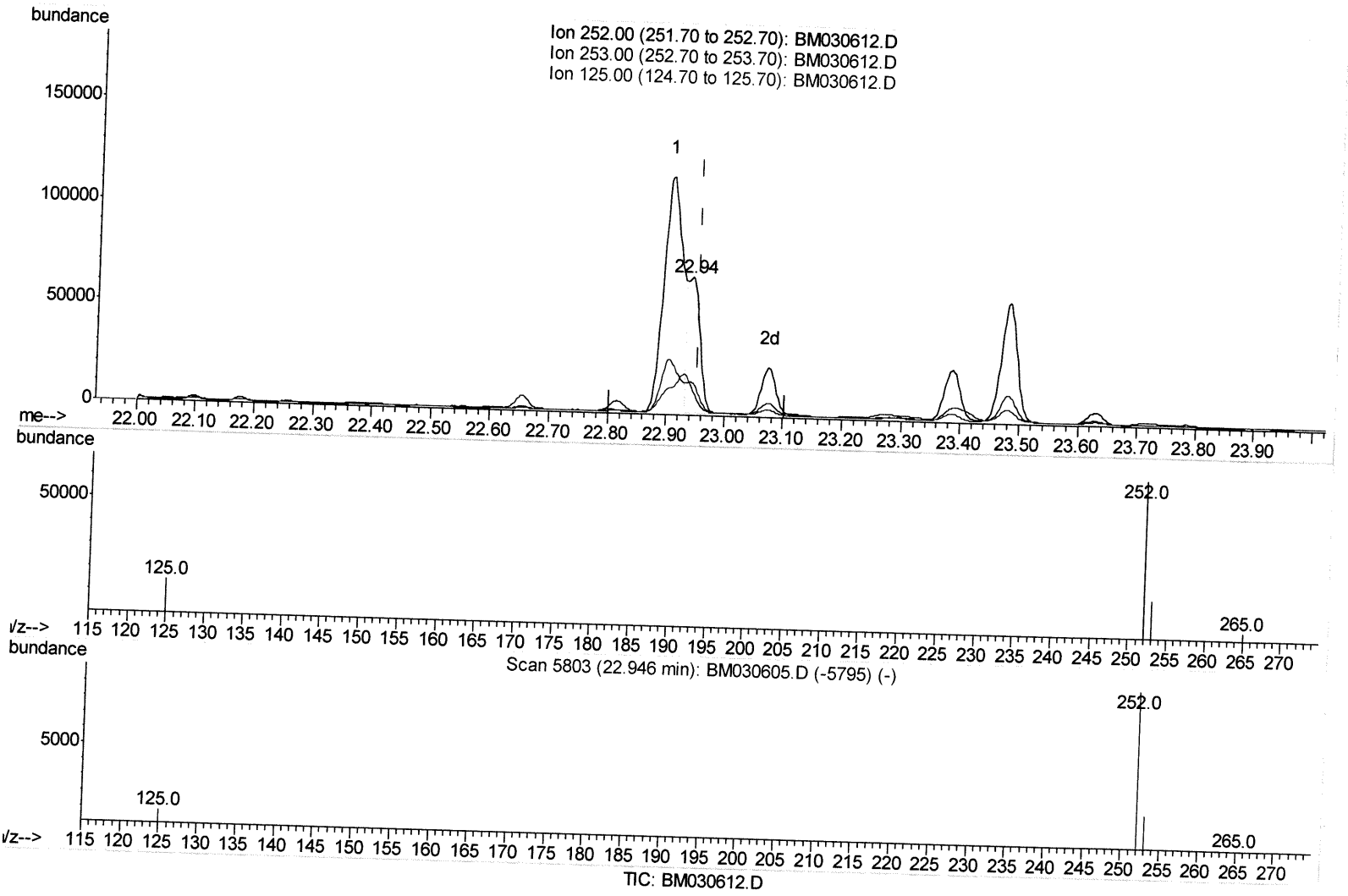
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.02
125.00	13.70	11.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030612.D
Acq On : 25 Jun 2021 21:31
Operator : CG/JU
Sample : M2682-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Instrument :
BNA_M
ClientSampleId :
BGD90

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



(25) Benzo(k)fluoranthene

22.941min (-0.012) 2.01ng/ul m

response 98755

JU 6/29/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	24.20
125.00	13.70	21.44#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030612.D
Acq On : 25 Jun 2021 21:31
Operator : CG/JU
Sample : M2682-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD90

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

Quant Time: Jun 26 02:10:20 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	7.80	152	3582	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	15097	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9499	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	18591	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	12811	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	10788	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	8139	2.12	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	3725	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	8360	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	5967	0.133	ng/ul	97
7) 2-Methylnaphthalene	12.25	142	1527	0.050	ng/ul	100
8) 1-Methylnaphthalene	12.47	142	1281	0.044	ng/ul	99
10) Acenaphthylene	14.14	152	12033	0.271	ng/ul	98
11) Acenaphthene	14.49	153	7052	0.195	ng/ul	99
12) Fluorene	15.47	166	7972	0.199	ng/ul	99
15) Phenanthrene	17.20	178	204320	3.087	ng/ul	99
16) Anthracene	17.29	178	53774	0.927	ng/ul	99
19) Fluoranthene	19.21	202	559559	9.501	ng/ul	97
20) Pyrene	19.57	202	433270	7.181	ng/ul	98
21) Benzo(a)anthracene	21.31	228	288745	5.674	ng/ul	98
22) Chrysene	21.36	228	255656	4.525	ng/ul	98
24) Benzo(b)fluoranthene	22.90	252	273895m	5.837	ng/ul	96
25) Benzo(k)fluoranthene	22.94	252	98755m	2.006	ng/ul	96
26) Benzo(a)pyrene	23.48	252	110985	2.665	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.86	276	79786	1.507	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.87	278	28823	0.682	ng/ul	96
29) Benzo(g,h,i)perylene	26.56	276	4448	0.097	ng/ul#	74

6/30/21

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