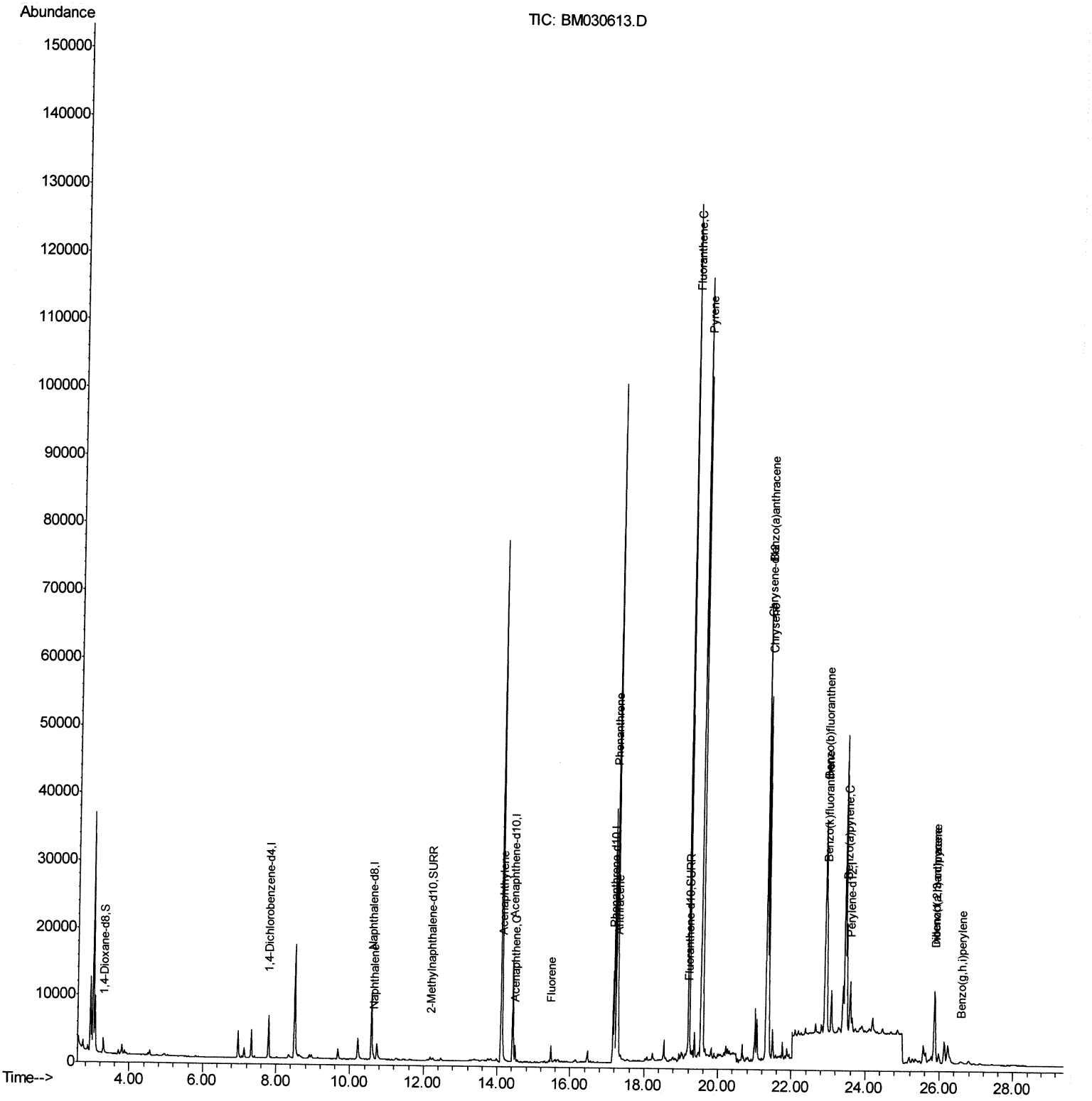
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030613.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2682-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 26 02:17:04 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 :
BGD90DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:44 PM

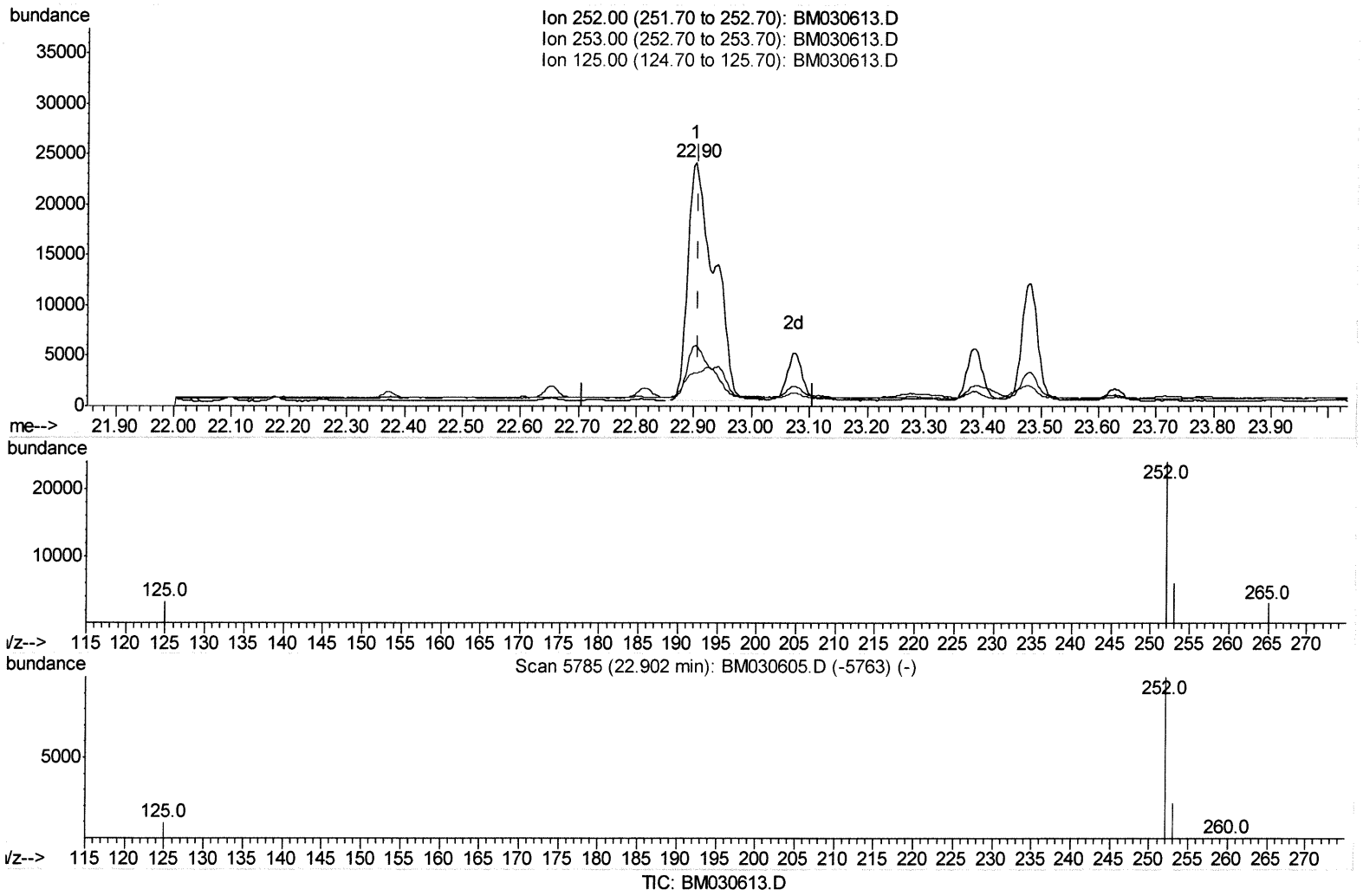


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030613.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2682-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 26 01:31:41 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 :
BGD90DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:44 PM



TIC: BM030613.D

(24) Benzo(b)fluoranthene

22.902min (-0.005) 1.65ng/ul

response 75088

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.11
125.00	13.90	13.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030613.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2682-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 26 01:31:41 2021
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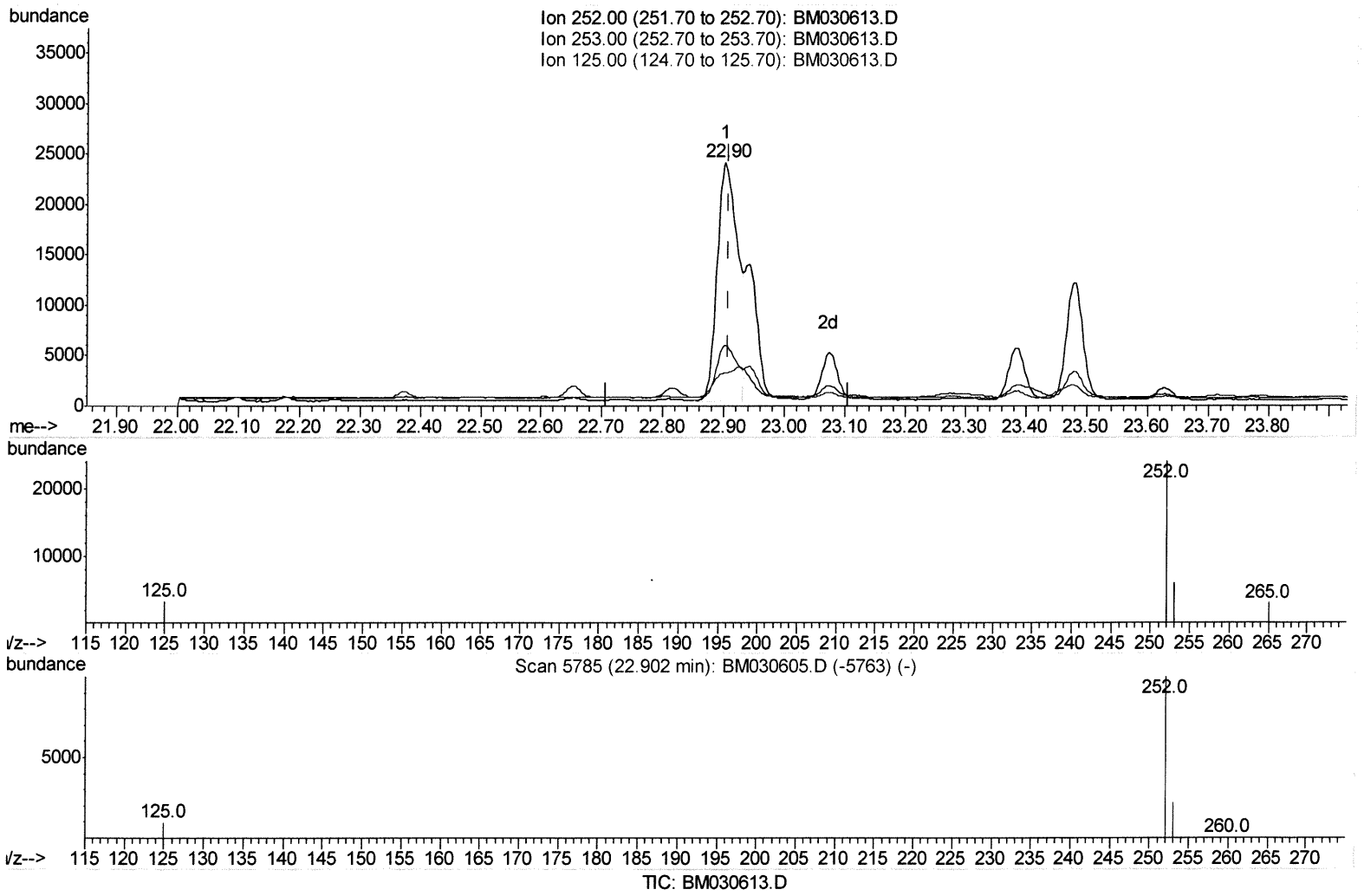
BNA_M
ClientSampleId :
BGD90DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:44 PM



(24) Benzo(b)fluoranthene

22.902min (-0.005) 1.21ng/ul m

response 54912

JU 6/30/21

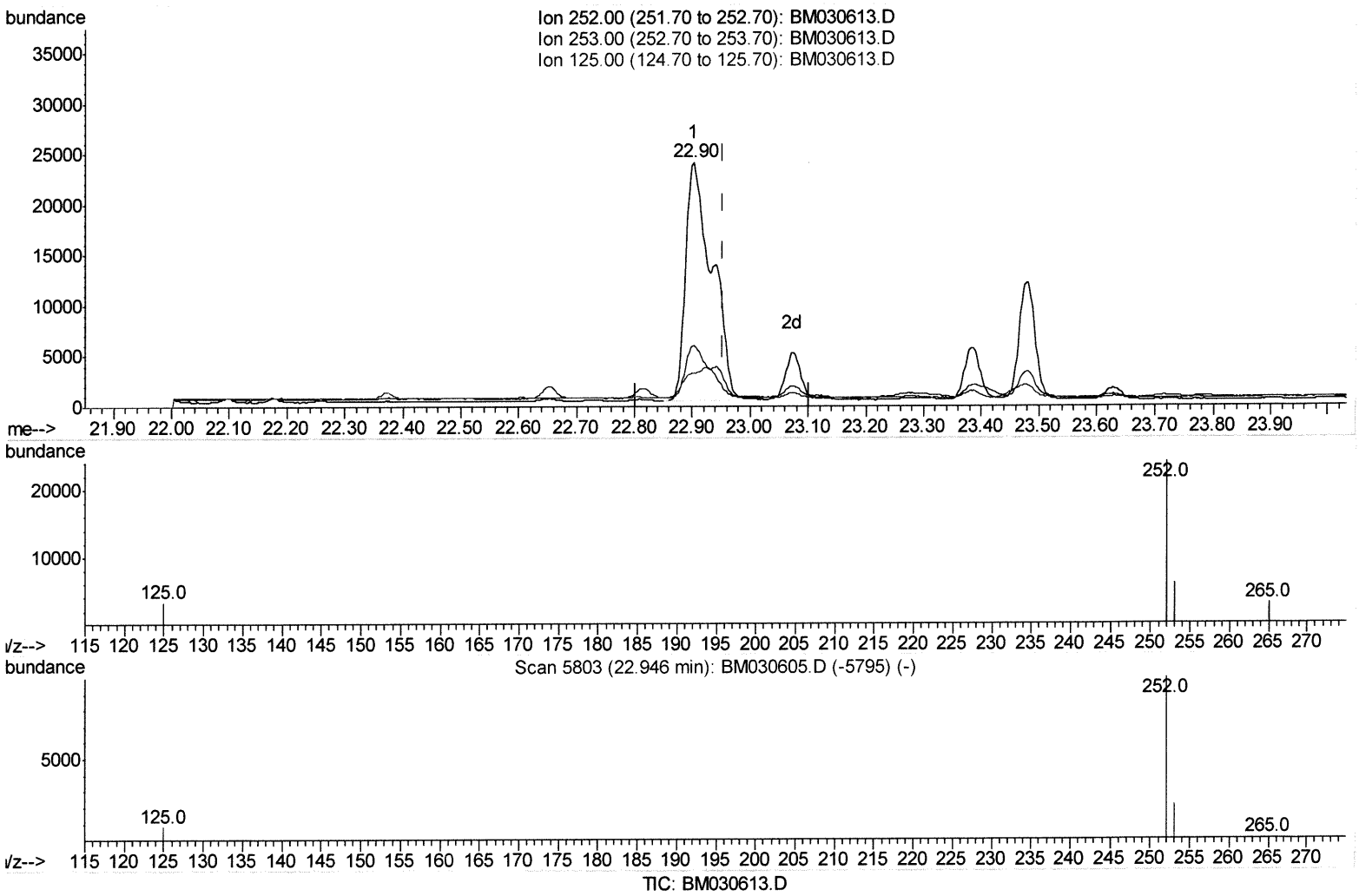
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.11
125.00	13.90	13.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030613.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2682-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 26 02:13:30 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 : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD90DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:44 PM



TIC: BM030613.D

(25) Benzo(k)fluoranthene

22.902min (-0.051) 1.57ng/ul

response 75088

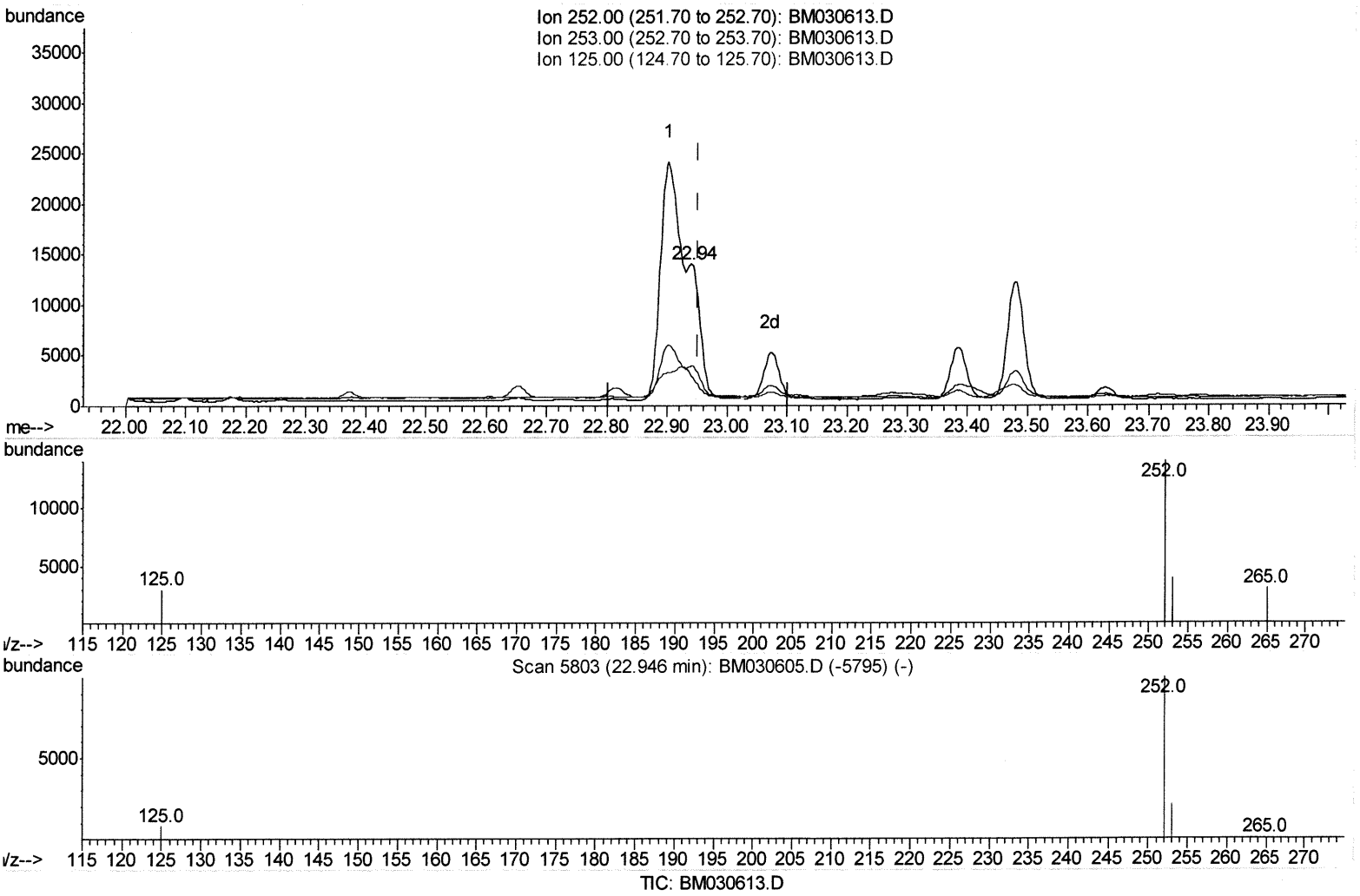
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.11
125.00	13.70	13.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030613.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2682-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 26 02:13:30 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 : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD90DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:44 PM



TIC: BM030613.D

(25) Benzo(k)fluoranthene

22.941min (-0.012) 0.42ng/ul m

JU 6/30/21

response 20087

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	27.99
125.00	13.70	21.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030613.D
Acq On : 25 Jun 2021 22:07
Operator : CG/JU
Sample : M2682-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD90DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:44 PM

Quant Time: Jun 26 02:17:04 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	3329	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	13989	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	8531	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	16756	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	11451	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	10462	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1752	0.49	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	762	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	1661	0.05	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	1260	0.030	ng/ul#	83
10) Acenaphthylene	14.14	152	2682	0.067	ng/ul#	91
11) Acenaphthene	14.49	153	1435	0.044	ng/ul	97
12) Fluorene	15.47	166	1629	0.045	ng/ul#	96
15) Phenanthrene	17.20	178	40972	0.687	ng/ul	100
16) Anthracene	17.29	178	10253	0.196	ng/ul	98
19) Fluoranthene	19.21	202	111784	2.123	ng/ul	97
20) Pyrene	19.57	202	85490	1.585	ng/ul	97
21) Benzo(a)anthracene	21.31	228	56479	1.242	ng/ul	98
22) Chrysene	21.36	228	50459	0.999	ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	54912m	1.207	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	20087m	0.421	ng/ul	
26) Benzo(a)pyrene	23.48	252	22549	0.558	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.86	276	16164	0.315	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.87	278	5927	0.145	ng/ul#	77
29) Benzo(g,h,i)perylene	26.57	276	893	0.020	ng/ul#	32

JU 6/30/21

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