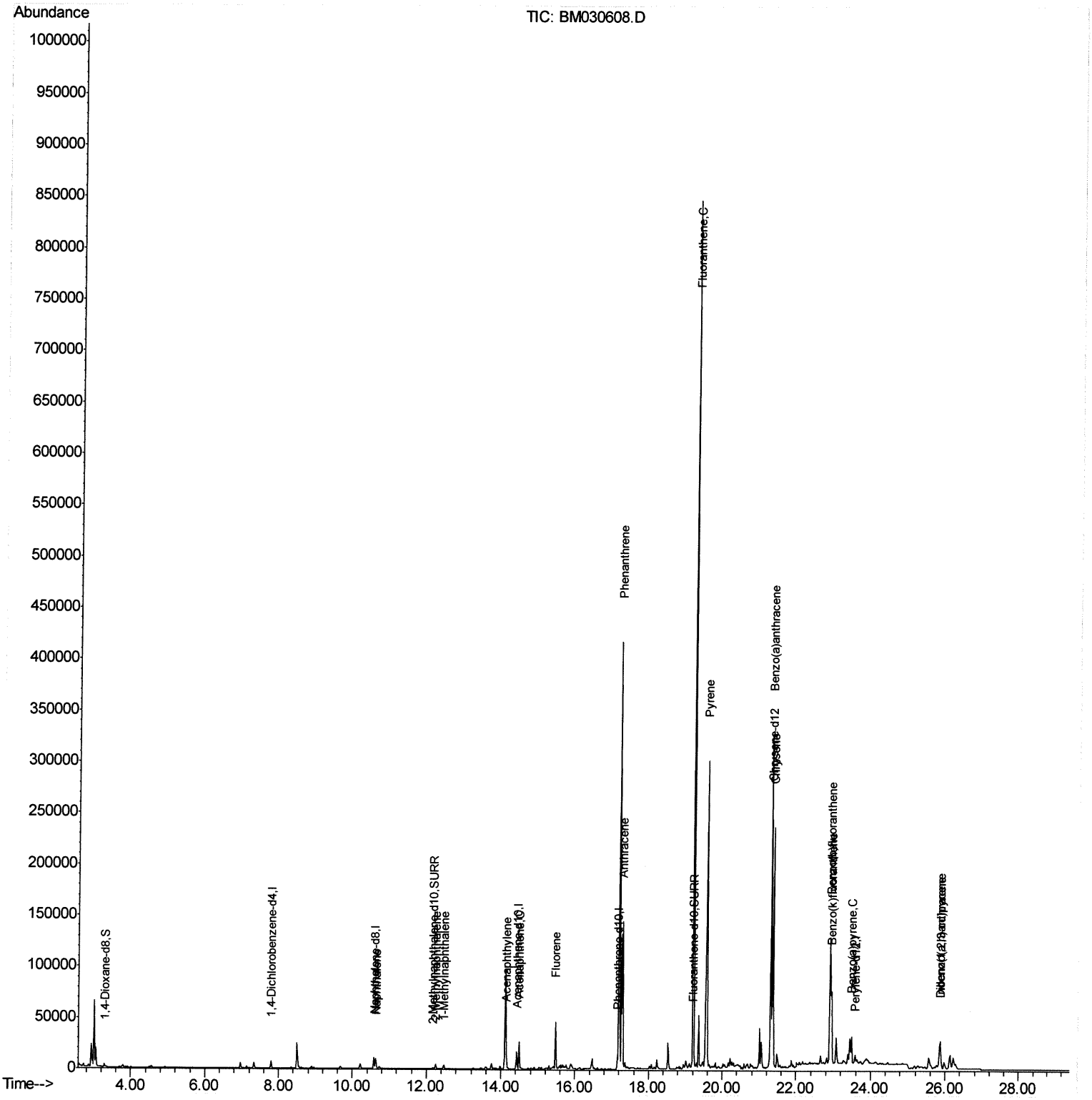
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030608.D
Acq On : 25 Jun 2021 19:03
Operator : CG/JU
Sample : M2662-02DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 26 01:37:52 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 :
BGDB1DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:25 PM

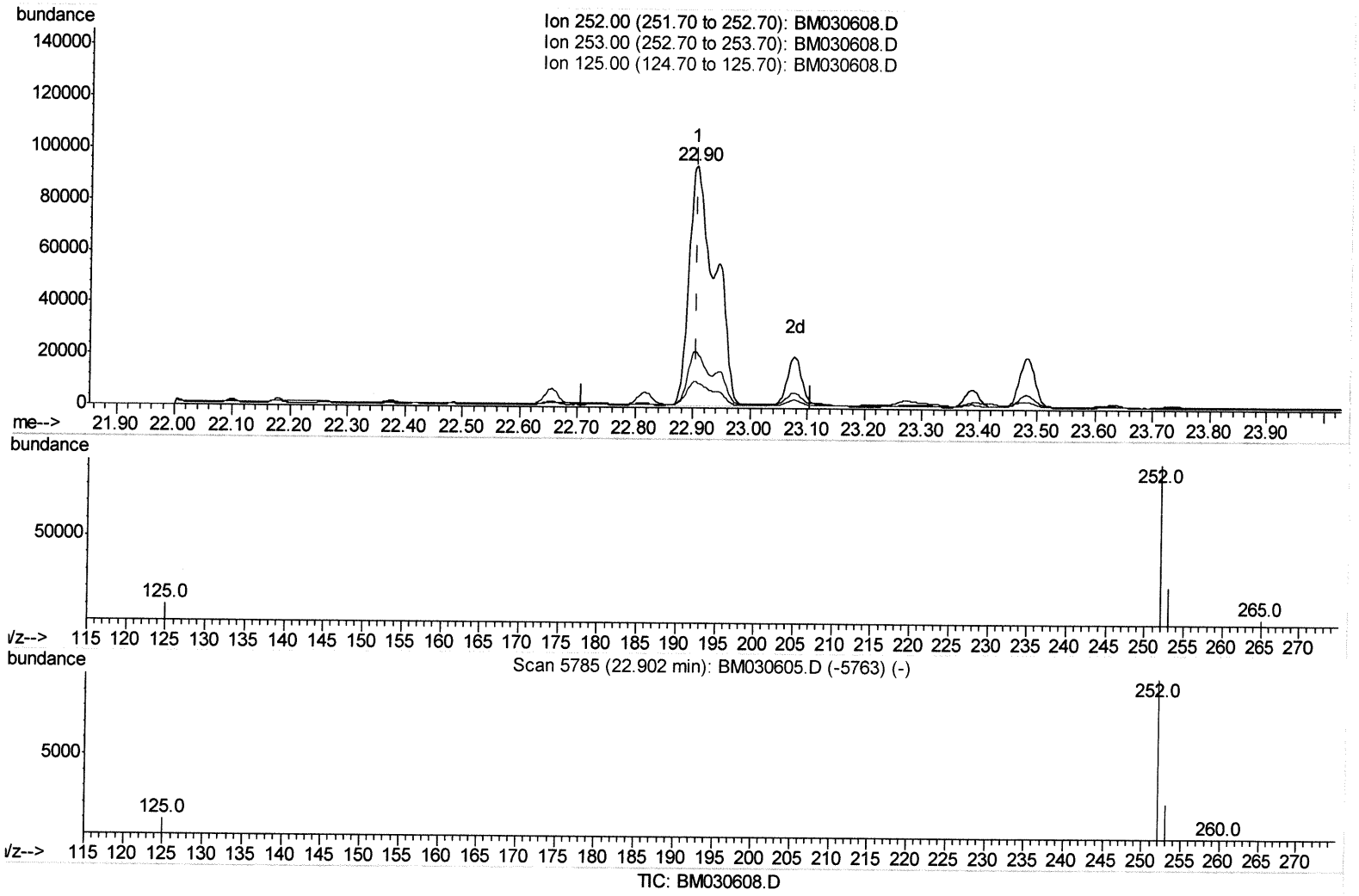


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030608.D
Acq On : 25 Jun 2021 19:03
Operator : CG/JU
Sample : M2662-02DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 26 01:30:59 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 :
BGDB1DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:25 PM



TIC: BM030608.D

(24) Benzo(b)fluoranthene

22.905min (-0.002) 5.72ng/ul

response 293390

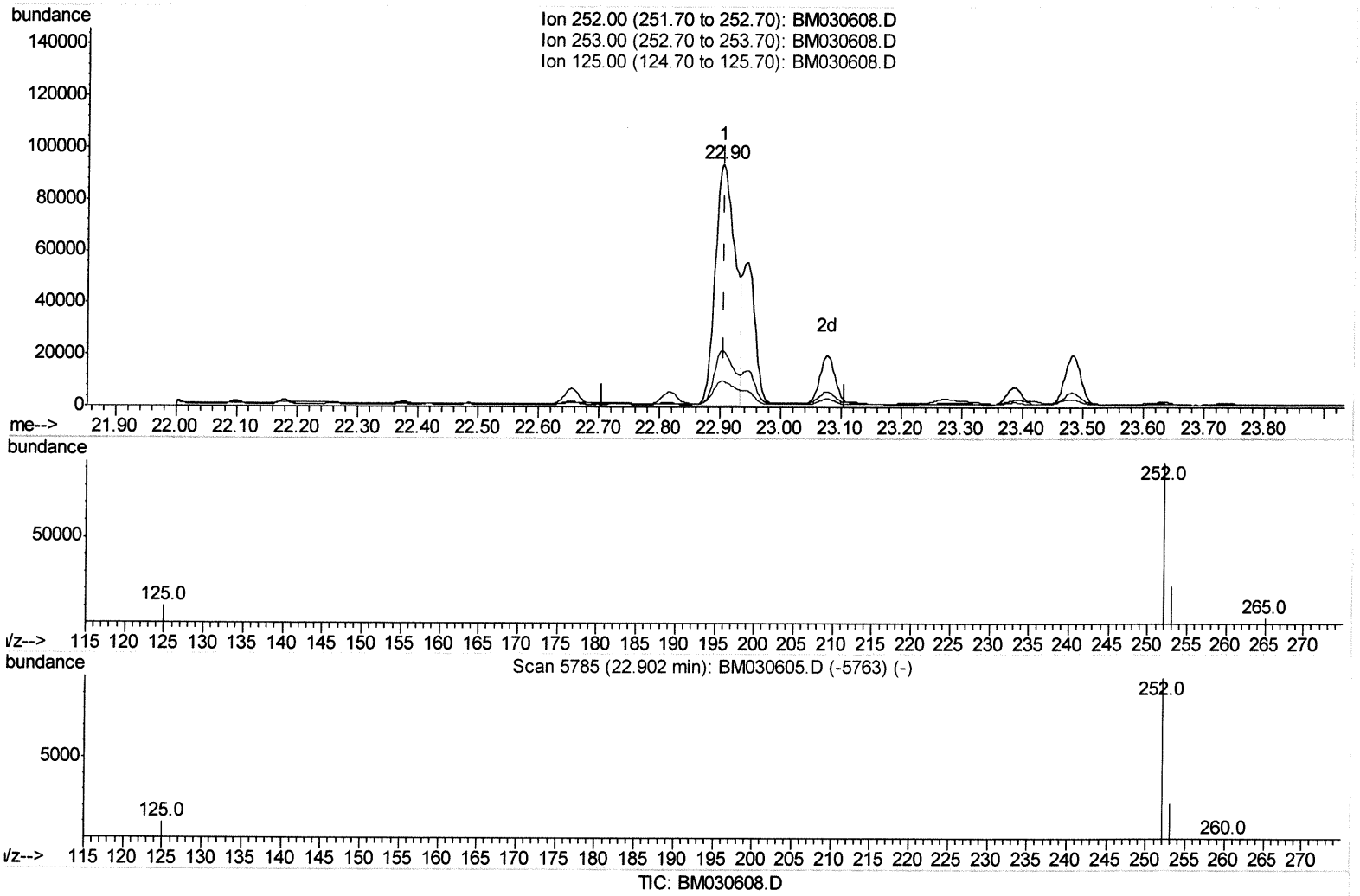
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.39
125.00	13.90	10.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030608.D
Acq On : 25 Jun 2021 19:03
Operator : CG/JU
Sample : M2662-02DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 26 01:30:59 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 :
BGDB1DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:25 PM



(24) Benzo(b)fluoranthene

22.905min (-0.002) 4.14ng/ul m

response 212488

JU 6/30/21

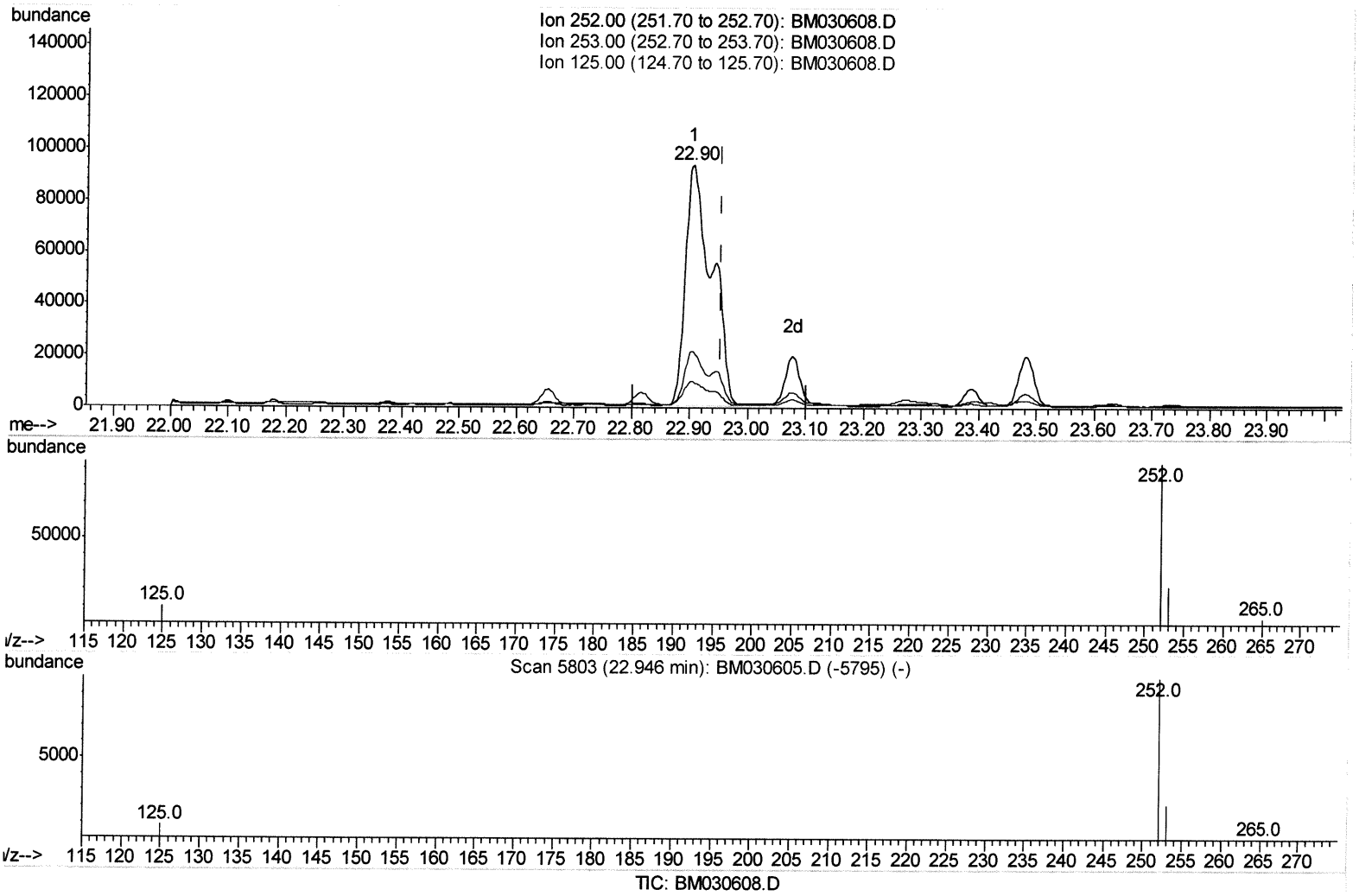
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.39
125.00	13.90	10.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030608.D
Acq On : 25 Jun 2021 19:03
Operator : CG/JU
Sample : M2662-02DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 26 01:36:41 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 :
BGDB1DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:25 PM



(25) Benzo(k)fluoranthene

22.905min (-0.048) 5.45ng/ul

response 293390

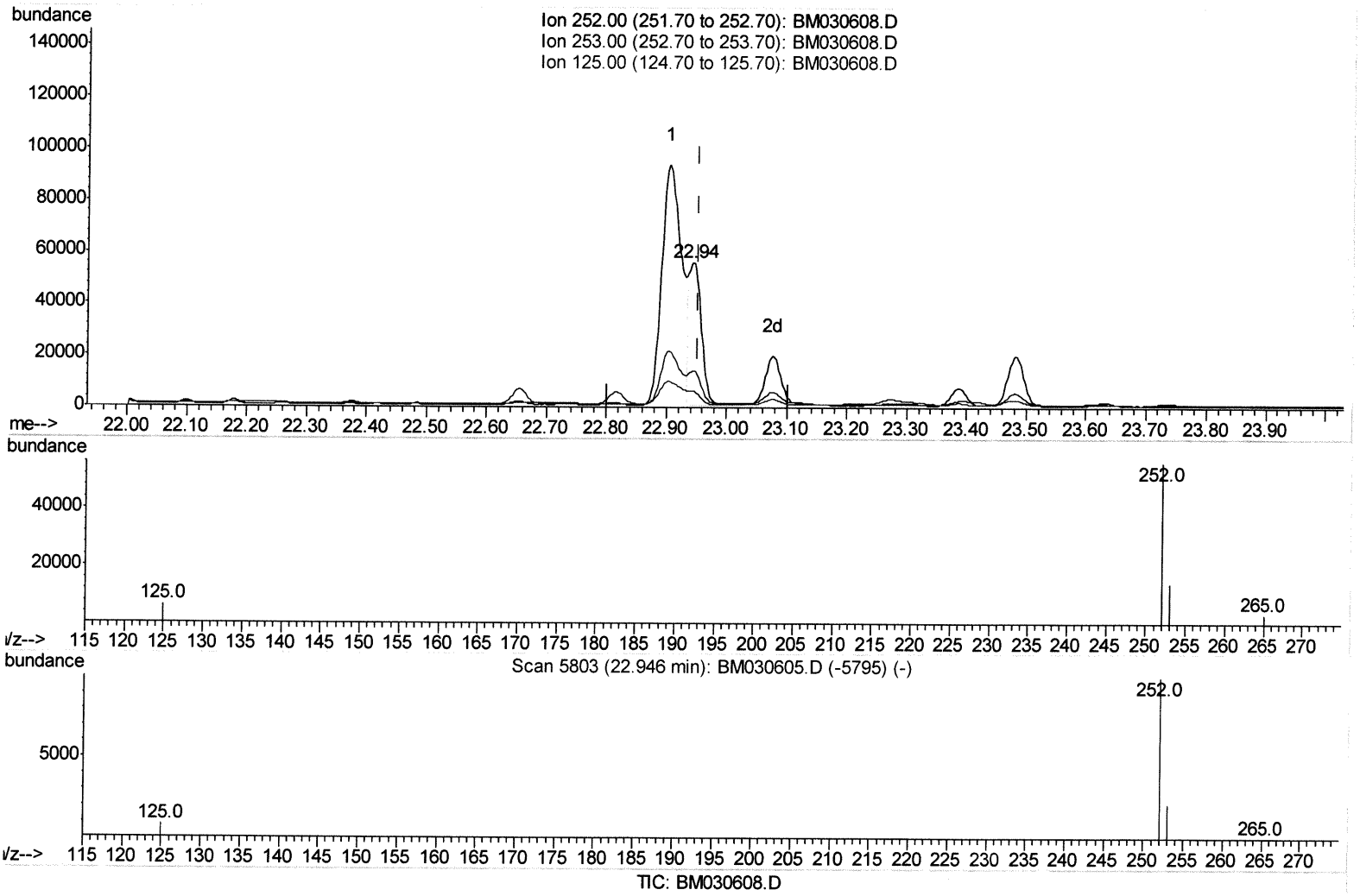
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.39
125.00	13.70	10.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030608.D
Acq On : 25 Jun 2021 19:03
Operator : CG/JU
Sample : M2662-02DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 26 01:36:41 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 :
BGDB1DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:25 PM



TIC: BM030608.D

(25) Benzo(k)fluoranthene

22.943min (-0.010) 1.50ng/ul m JU 6/30/21

response 80947

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.01
125.00	13.70	11.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030608.D
Acq On : 25 Jun 2021 19:03
Operator : CG/JU
Sample : M2662-02DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB1DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:25 PM

Quant Time: Jun 26 01:37:52 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	3480	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	14841	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9261	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	18561	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	13565	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	11797	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2350	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	932	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	2237	0.05	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	14393	0.326	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	3447	0.116	ng/ul	98
8) 1-Methylnaphthalene	12.47	142	2969	0.103	ng/ul	99
10) Acenaphthylene	14.14	152	17327	0.400	ng/ul	98
11) Acenaphthene	14.49	153	15531	0.440	ng/ul	99
12) Fluorene	15.47	166	29446	0.753	ng/ul	99
15) Phenanthrene	17.20	178	438864	6.641	ng/ul	99
16) Anthracene	17.29	178	147330	2.545	ng/ul	99
19) Fluoranthene	19.21	202	722802	11.590	ng/ul	97
20) Pyrene	19.57	202	270325	4.231	ng/ul	97
21) Benzo(a)anthracene	21.31	228	267679	4.968	ng/ul	98
22) Chrysene	21.36	228	212350	3.550	ng/ul	98
24) Benzo(b)fluoranthene	22.90	252	212488m	4.141	ng/ul	JU 6/30/21
25) Benzo(k)fluoranthene	22.94	252	80947m	1.504	ng/ul	
26) Benzo(a)pyrene	23.48	252	36829	0.809	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.86	276	33574	0.580	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.87	278	23175	0.502	ng/ul#	92

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