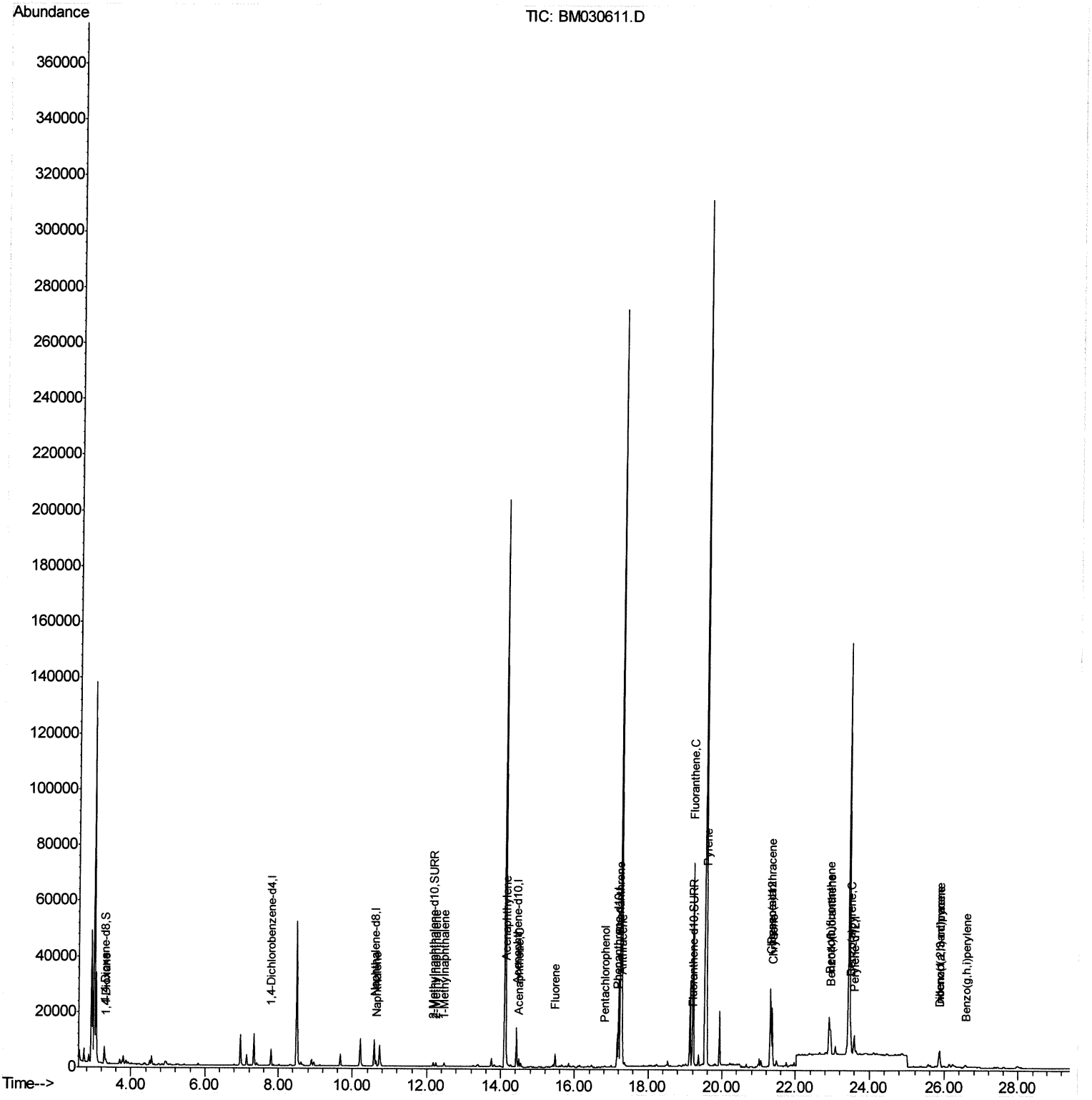
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030611.D
Acq On : 25 Jun 2021 20:54
Operator : CG/JU
Sample : M2682-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB0

Quant Time: Jun 26 01:59:10 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

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM

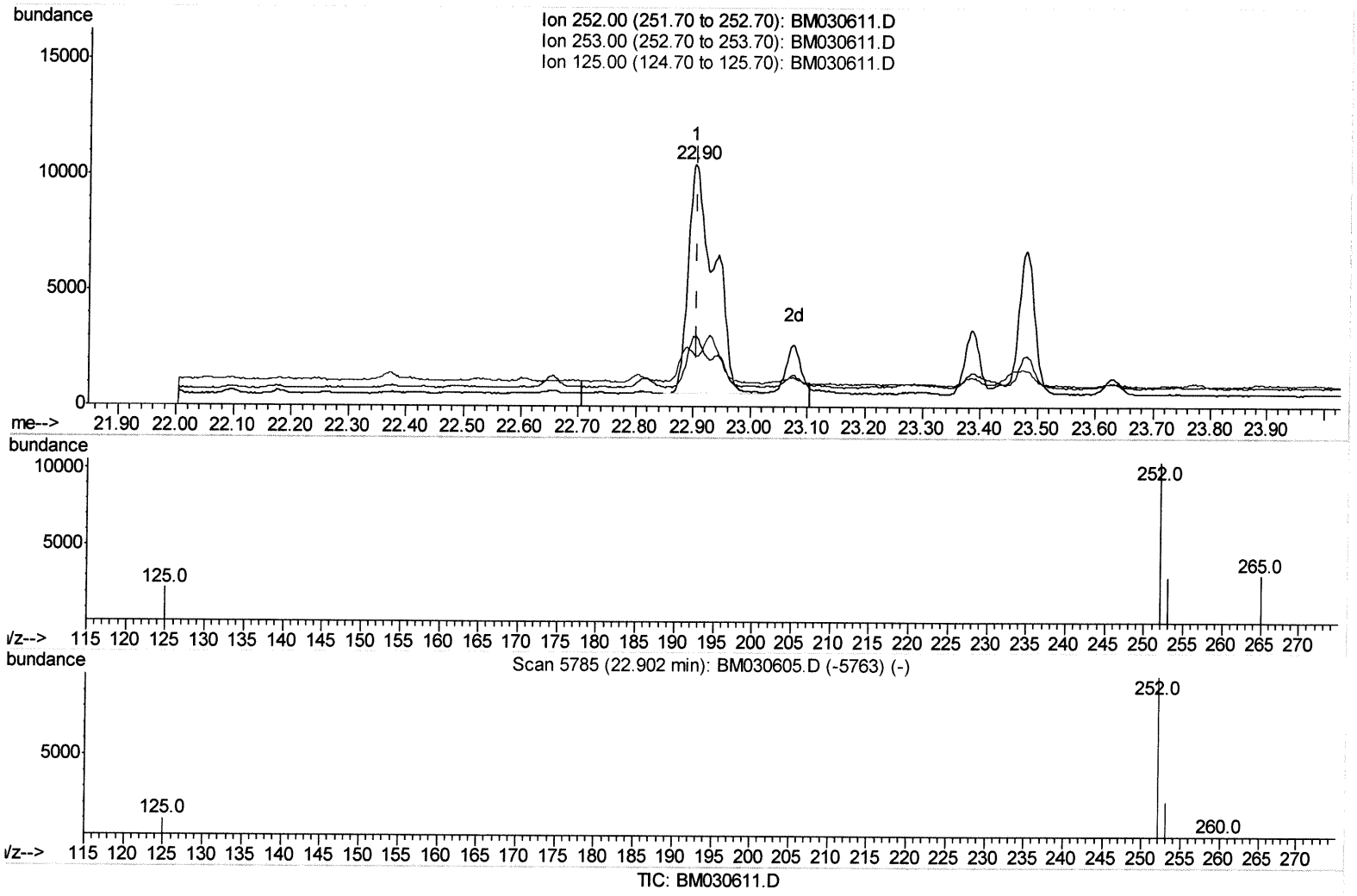


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030611.D
Acq On : 25 Jun 2021 20:54
Operator : CG/JU
Sample : M2682-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 26 01:31:25 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 :
BGDB0

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM



TIC: BM030611.D

(24) Benzo(b)fluoranthene

22.902min (-0.005) 0.76ng/ul

response 31455

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.80
125.00	13.90	21.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030611.D
Acq On : 25 Jun 2021 20:54
Operator : CG/JU
Sample : M2682-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 26 01:31:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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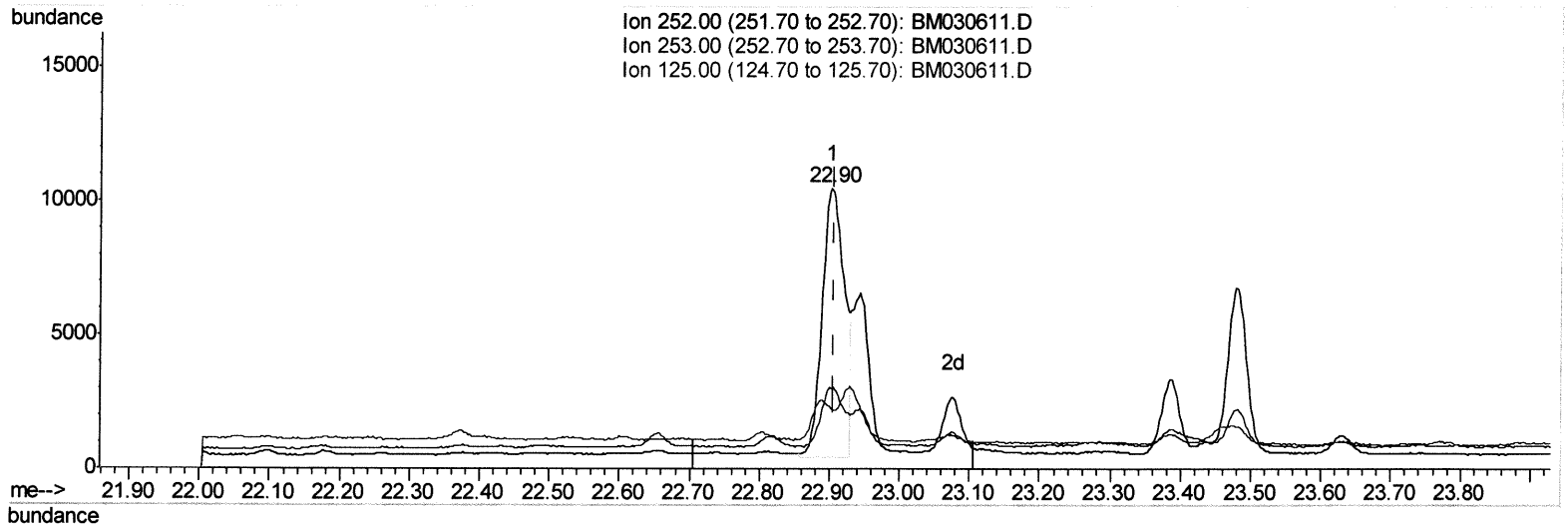
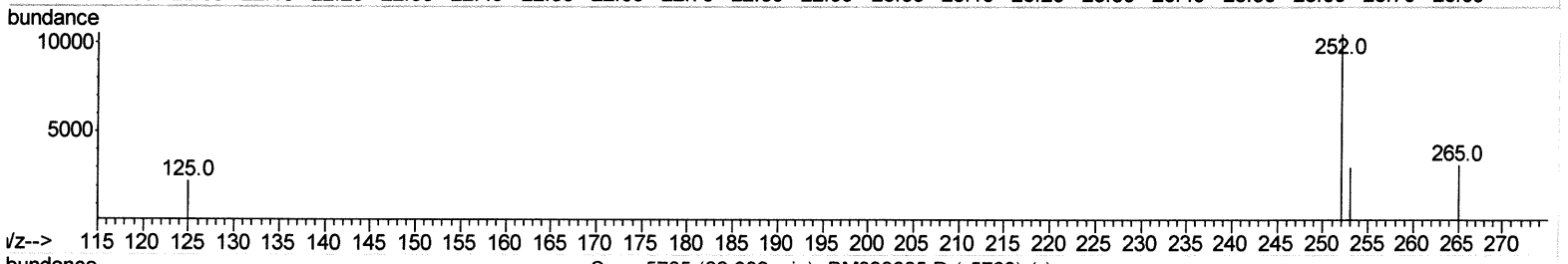
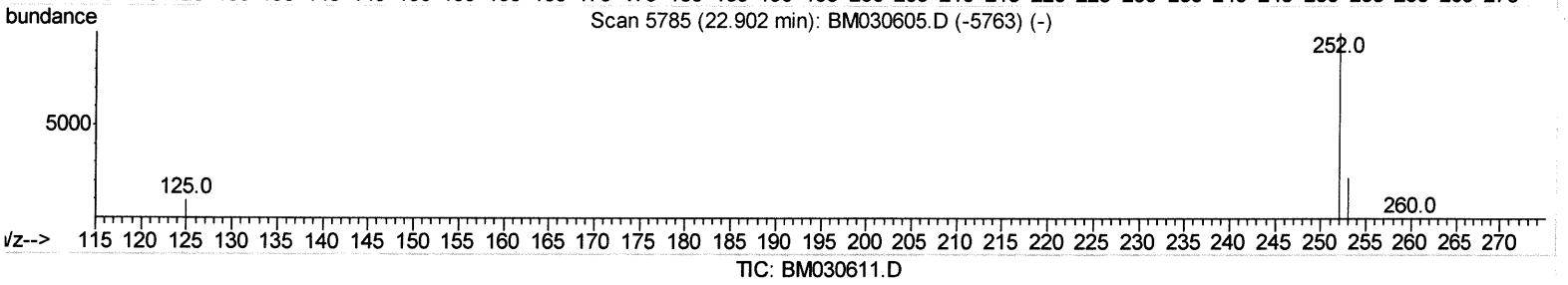
BNA_M
ClientSampleId :
BGDB0

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM







TIC: BM030611.D

(24) Benzo(b)fluoranthene

22.902min (-0.005) 0.53ng/ul m

response 21915

JU 6/28/21

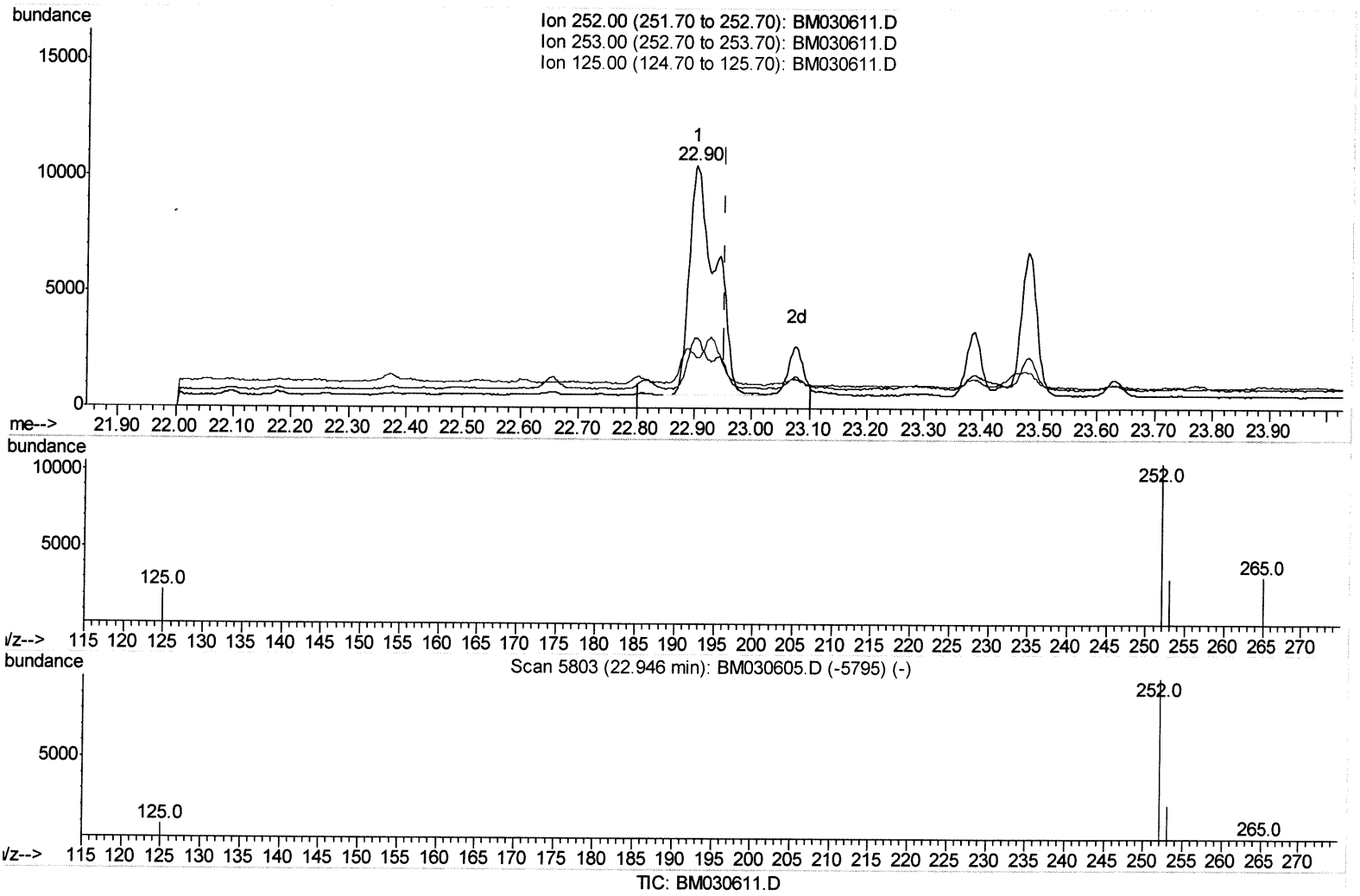
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.80
125.00	13.90	21.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030611.D
Acq On : 25 Jun 2021 20:54
Operator : CG/JU
Sample : M2682-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 26 01:58:17 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 :
BGDB0

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM



TIC: BM030611.D

(25) Benzo(k)fluoranthene

22.902min (-0.051) 0.73ng/ul

response 31489

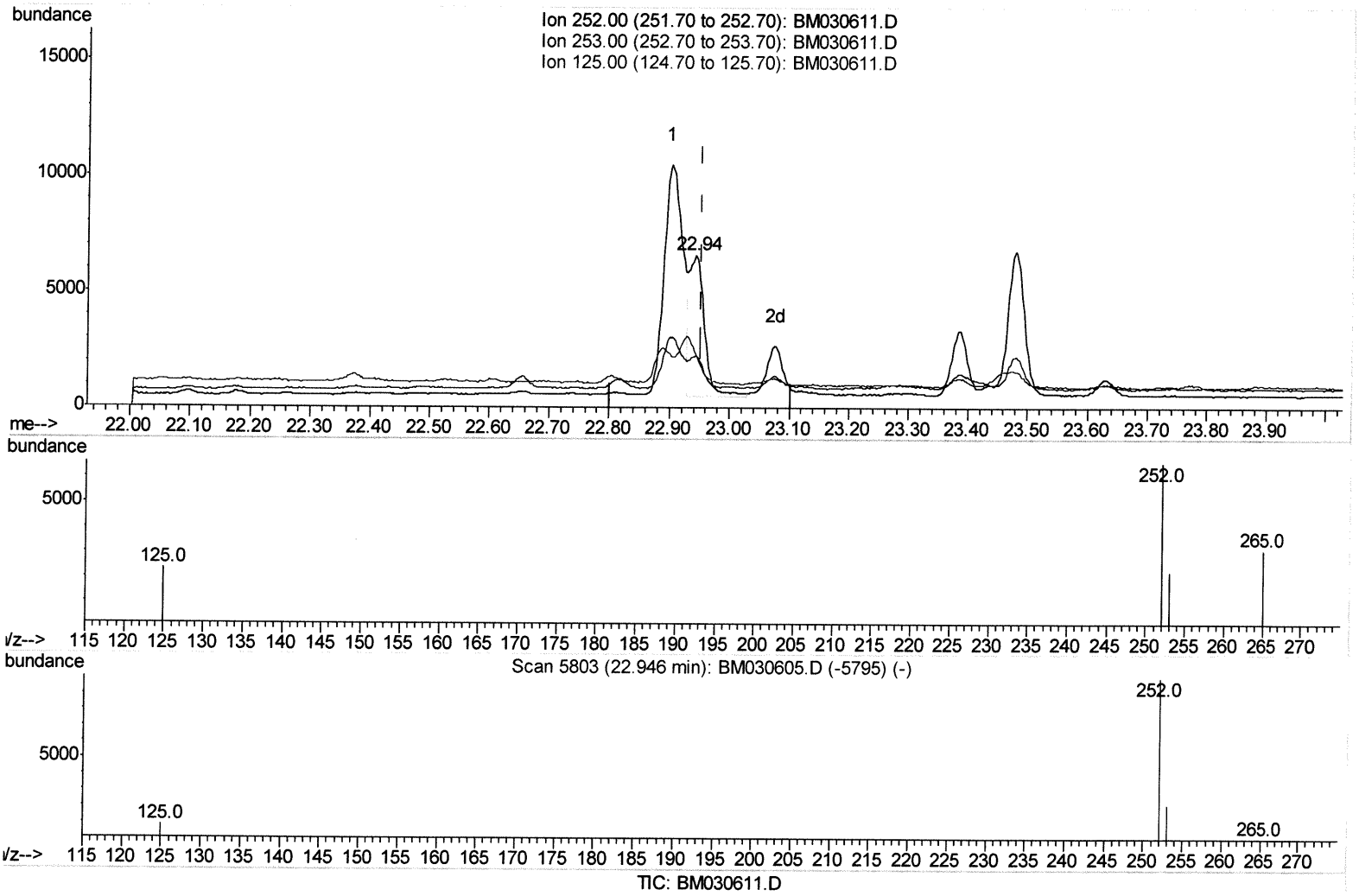
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.80
125.00	13.70	21.34#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030611.D
Acq On : 25 Jun 2021 20:54
Operator : CG/JU
Sample : M2682-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 26 01:58:17 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 :
BGDB0

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM



(25) Benzo(k)fluoranthene

22.943min (-0.010) 0.25ng/ul m

response 10612

6/26/2021

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	33.63#
125.00	13.70	35.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030611.D
Acq On : 25 Jun 2021 20:54
Operator : CG/JU
Sample : M2682-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB0

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM

Quant Time: Jun 26 01:59:10 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	3089	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	12843	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	7905	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	15086	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	9779	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	9476	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	4233	1.28	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	2330	0.11	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	5673	0.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	990	0.287	ng/ul#	88
5) Naphthalene	10.63	128	2745	0.072	ng/ul#	94
7) 2-Methylnaphthalene	12.25	142	1145	0.044	ng/ul	99
8) 1-Methylnaphthalene	12.47	142	981	0.039	ng/ul	98
10) Acenaphthylene	14.14	152	3407	0.092	ng/ul#	92
11) Acenaphthene	14.49	153	1804	0.060	ng/ul	99
12) Fluorene	15.47	166	3210	0.096	ng/ul	98
14) Pentachlorophenol	16.82	266	194	0.044	ng/ul#	85
15) Phenanthrene	17.20	178	33697	0.627	ng/ul	100
16) Anthracene	17.29	178	11242	0.239	ng/ul	98
19) Fluoranthene	19.21	202	62001	1.379	ng/ul	98
20) Pyrene	19.57	202	45356	0.985	ng/ul	98
21) Benzo(a)anthracene	21.31	228	22808	0.587	ng/ul	96
22) Chrysene	21.36	228	20531	0.476	ng/ul	96
24) Benzo(b)fluoranthene	22.90	252	21915m	0.532	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	10612m	0.245	ng/ul	
26) Benzo(a)pyrene	23.48	252	11866	0.324	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.86	276	8894	0.191	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.87	278	3436	0.093	ng/ul#	55
29) Benzo(g,h,i)perylene	26.57	276	1822	0.045	ng/ul#	61

CG 6/30/21

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