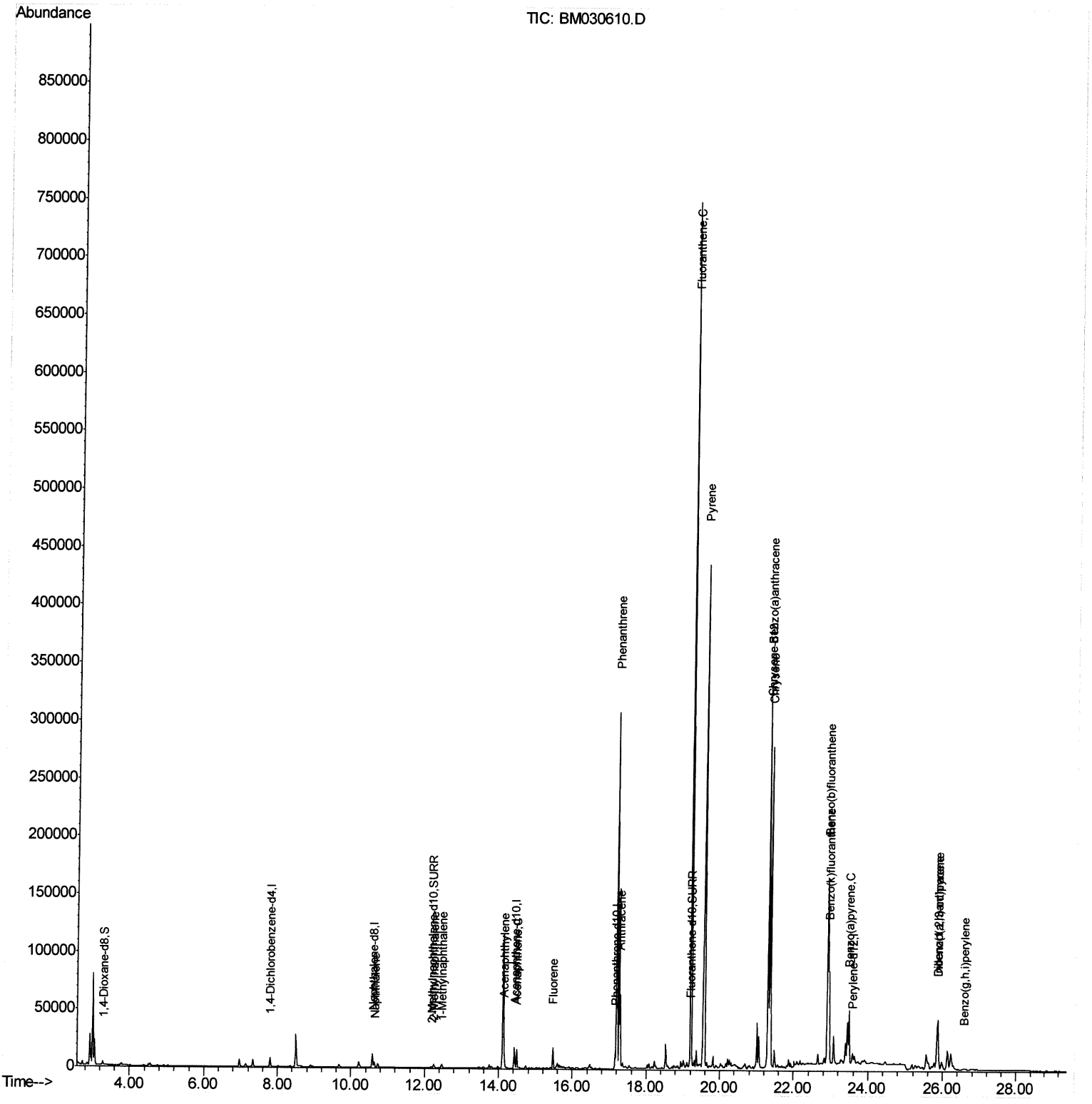
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030610.D
Acq On : 25 Jun 2021 20:17
Operator : CG/JU
Sample : M2662-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 26 01:52:58 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 :
BGD91DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:36 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030610.D
Acq On : 25 Jun 2021 20:17
Operator : CG/JU
Sample : M2662-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 26 01:31:17 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 :
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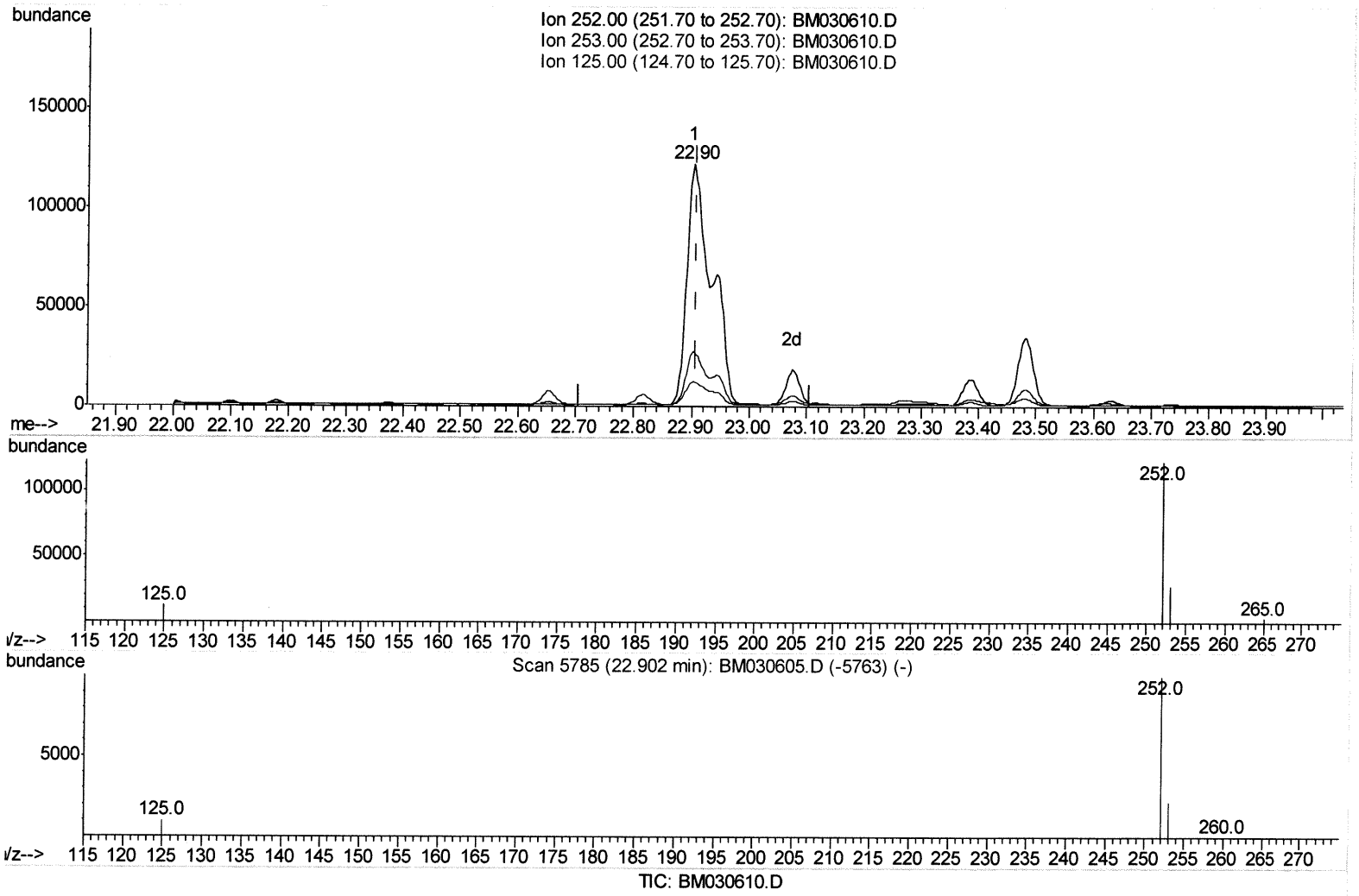
Manual Integrations APPROVED
mohammad
6/28/2021 1:21:36 PM



(24) Benzo(b)fluoranthene

22.903min (-0.004) 6.72ng/ul

response 362096

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.90
125.00	13.90	10.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
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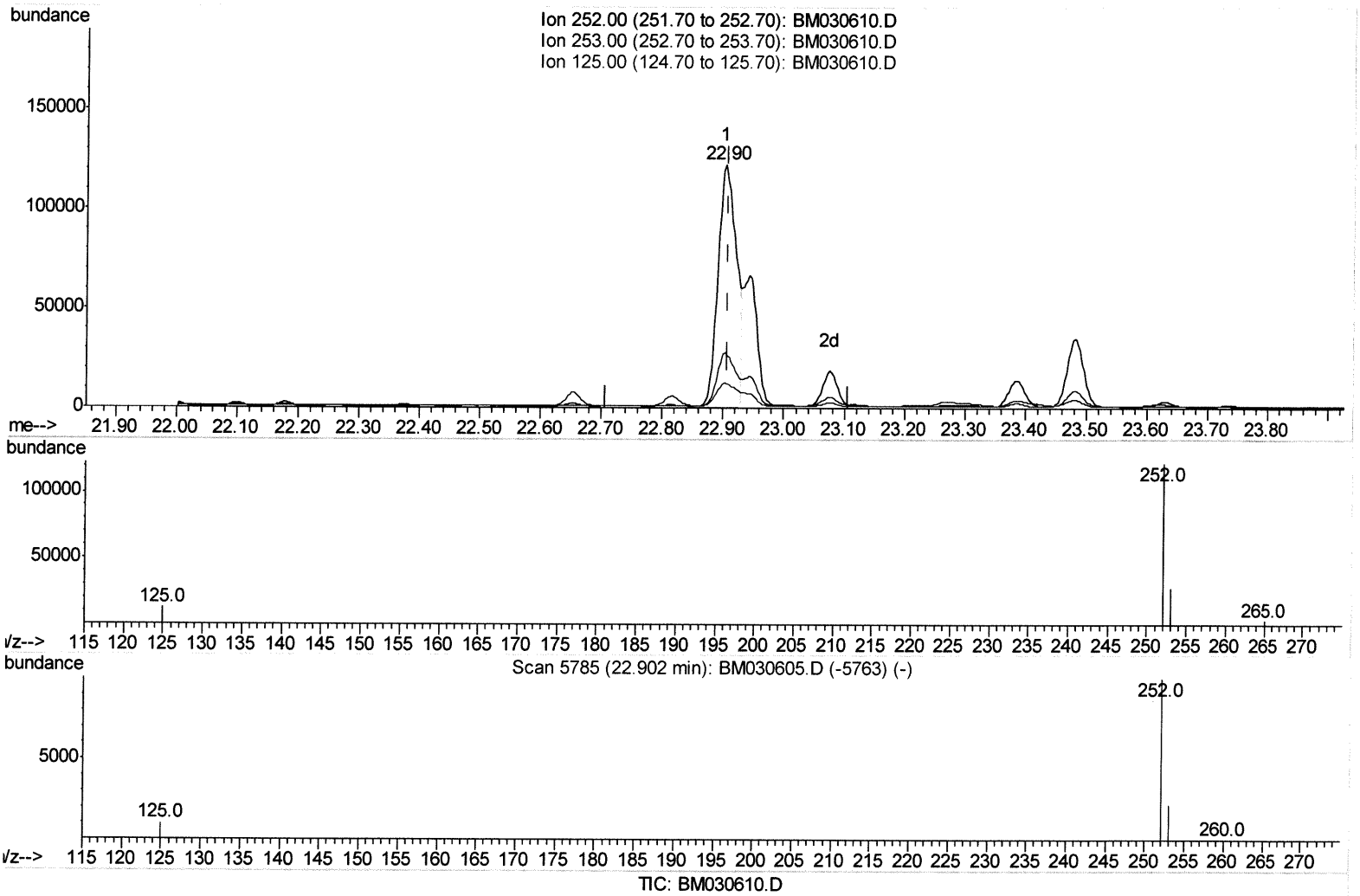
Manual Integrations APPROVED
mohammad
6/28/2021 1:21:36 PM



(24) Benzo(b)fluoranthene

22.903min (-0.004) 4.73ng/ul m

response 254808

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.90
125.00	13.90	10.27
0.00	0.00	0.00

JU 6/28/21

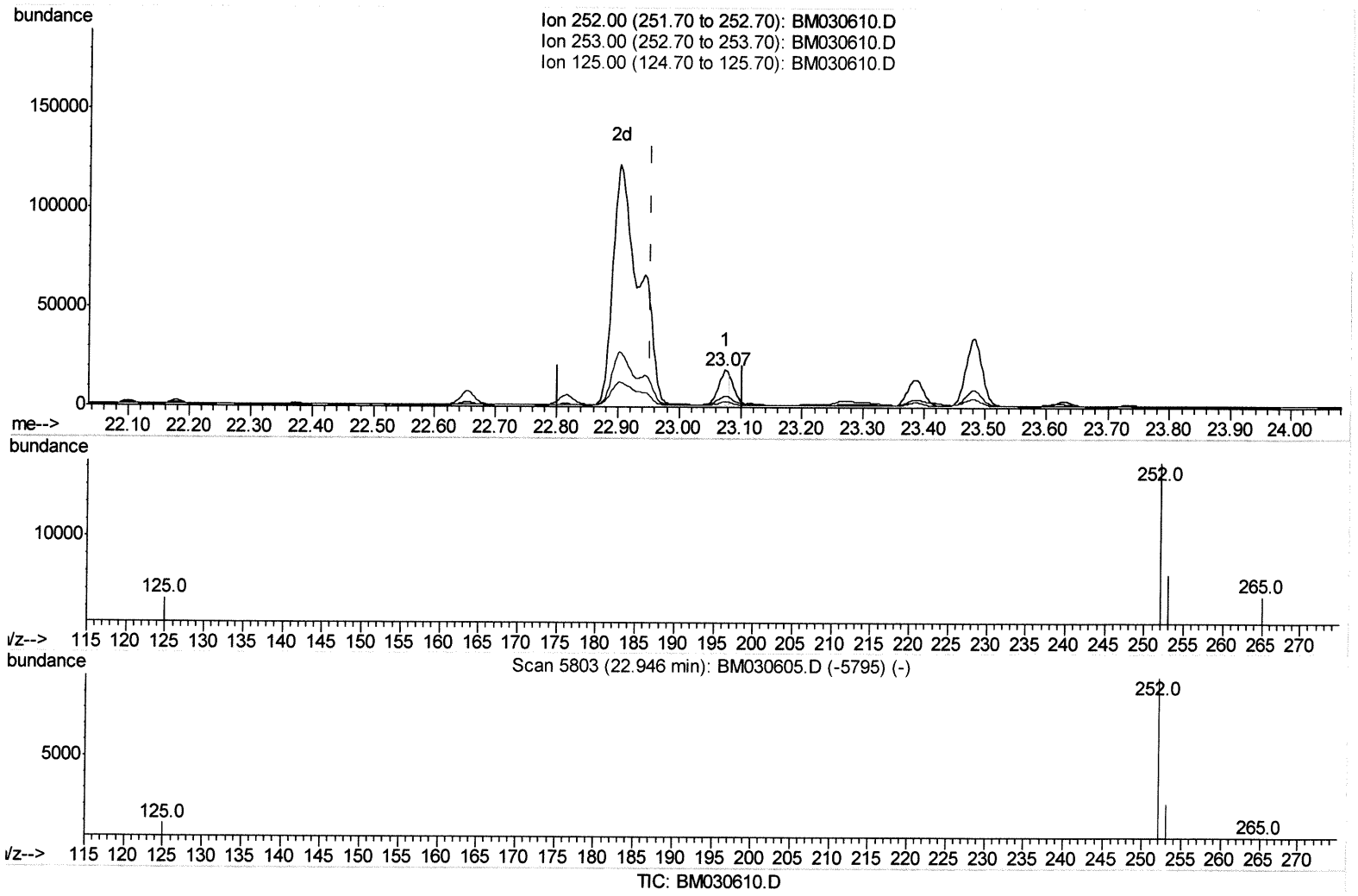
JU 6/28/21

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030610.D
Acq On : 25 Jun 2021 20:17
Operator : CG/JU
Sample : M2662-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 26 01:51:55 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 :
BGD91DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:36 PM



(25) Benzo(k)fluoranthene

23.075min (+0.122) 0.38ng/ul

response 21518

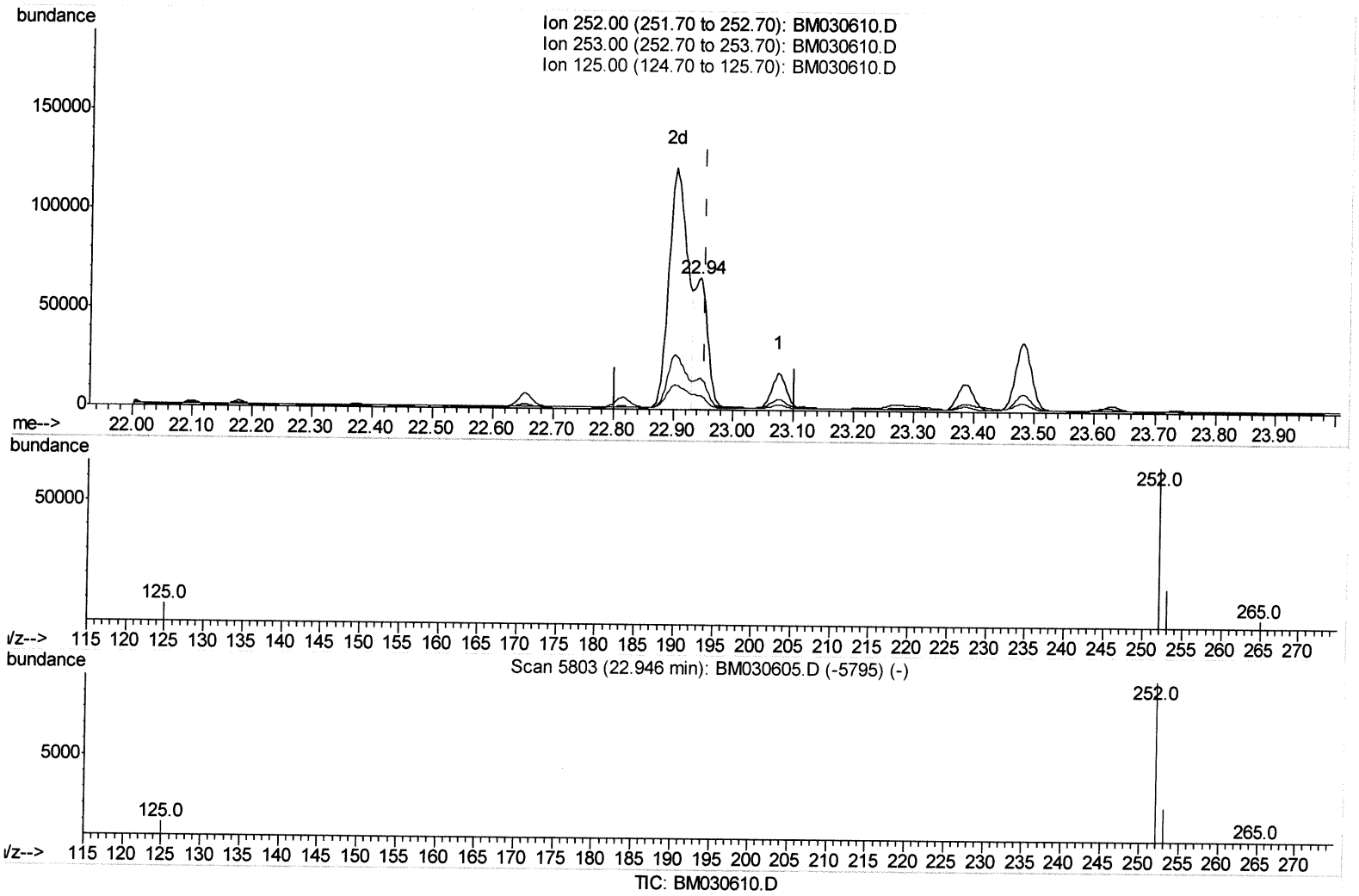
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	30.49
125.00	13.70	15.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030610.D
Acq On : 25 Jun 2021 20:17
Operator : CG/JU
Sample : M2662-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 26 01:51:55 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 :
BGD91DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:36 PM



(25) Benzo(k)fluoranthene

22.944min (-0.009) 1.91ng/ul m

response 107808

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	24.12
125.00	13.70	11.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030610.D
Acq On : 25 Jun 2021 20:17
Operator : CG/JU
Sample : M2662-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD91DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:36 PM

Quant Time: Jun 26 01:52:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	4061	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	16751	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	10071	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	19515	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	12903	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12389	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2617	0.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	1101	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	2259	0.06	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	6592	0.132	ng/ul	98
7) 2-Methylnaphthalene	12.25	142	2610	0.078	ng/ul	98
8) 1-Methylnaphthalene	12.47	142	2512	0.077	ng/ul	99
10) Acenaphthylene	14.14	152	17181	0.365	ng/ul	98
11) Acenaphthene	14.49	153	9931	0.259	ng/ul	98
12) Fluorene	15.47	166	11557	0.272	ng/ul	99
15) Phenanthrene	17.20	178	334911	4.820	ng/ul	99
16) Anthracene	17.29	178	64726	1.063	ng/ul	99
19) Fluoranthene	19.21	202	626575	10.563	ng/ul	97
20) Pyrene	19.57	202	378317	6.225	ng/ul	97
21) Benzo(a)anthracene	21.31	228	272831	5.323	ng/ul	99
22) Chrysene	21.36	228	250359	4.400	ng/ul	98
24) Benzo(b)fluoranthene	22.90	252	254808m	4.728	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	107808m	1.907	ng/ul	
26) Benzo(a)pyrene	23.48	252	64701	1.353	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.86	276	59629	0.981	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.87	278	29601	0.610	ng/ul	96
29) Benzo(g,h,i)perylene	26.57	276	2504	0.048	ng/ul#	56

6/30/21

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