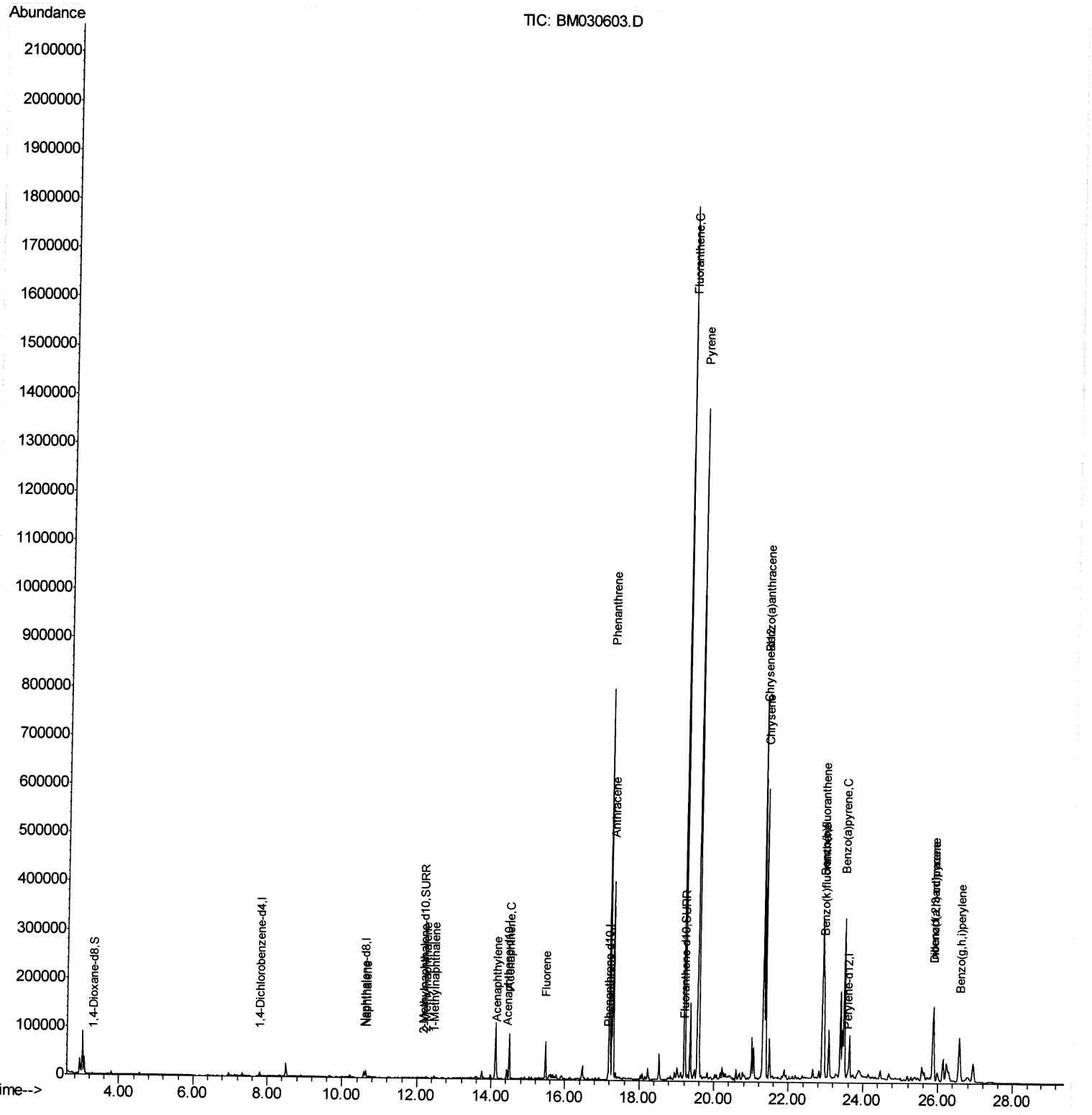
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030603.D
Acq On : 25 Jun 2021 15:58
Operator : CG/JU
Sample : M2662-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 16:29:49 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 12:45:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:08 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
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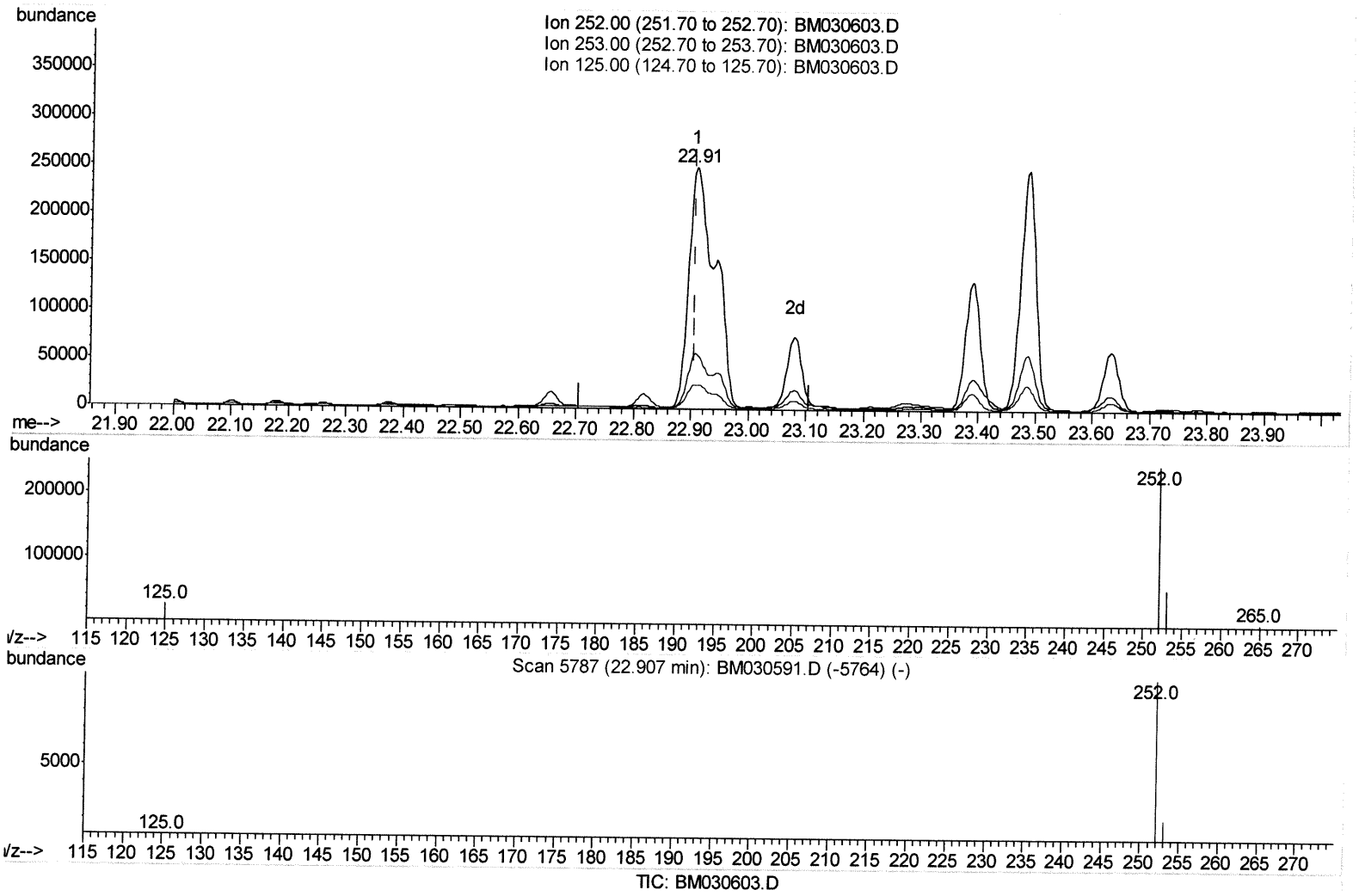

(24) Benzo(b)fluoranthene

22.907min (+0.000) 13.24ng/ul

response 786870

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.98
125.00	13.90	10.16
0.00	0.00	0.00

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Quant Time: Jun 25 16:28:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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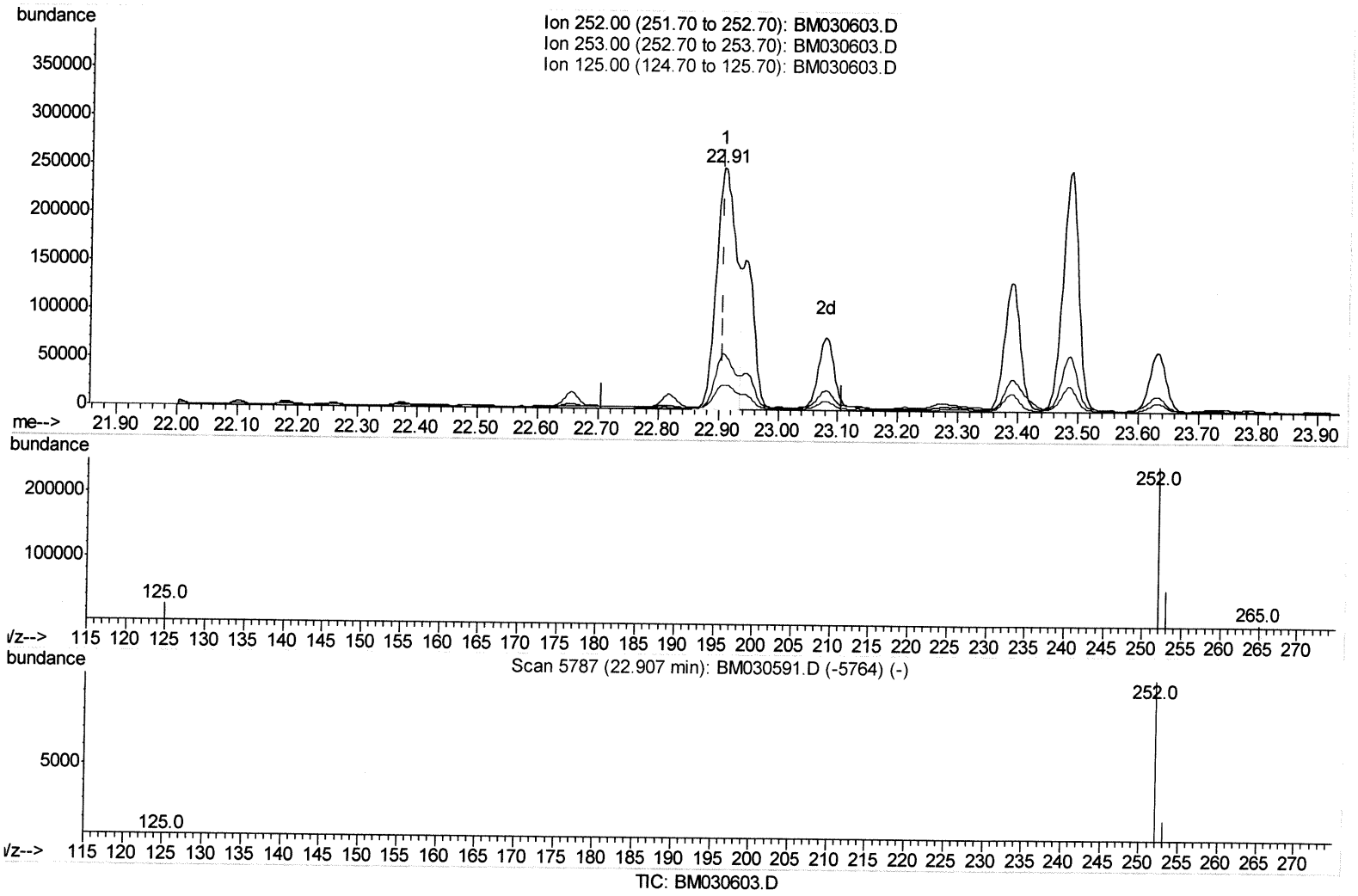
Manual Integrations APPROVED
mohammad
6/28/2021 1:21:08 PM



(24) Benzo(b)fluoranthene

22.907min (+0.000) 9.71ng/ul m JU 6/30/21

response 576816

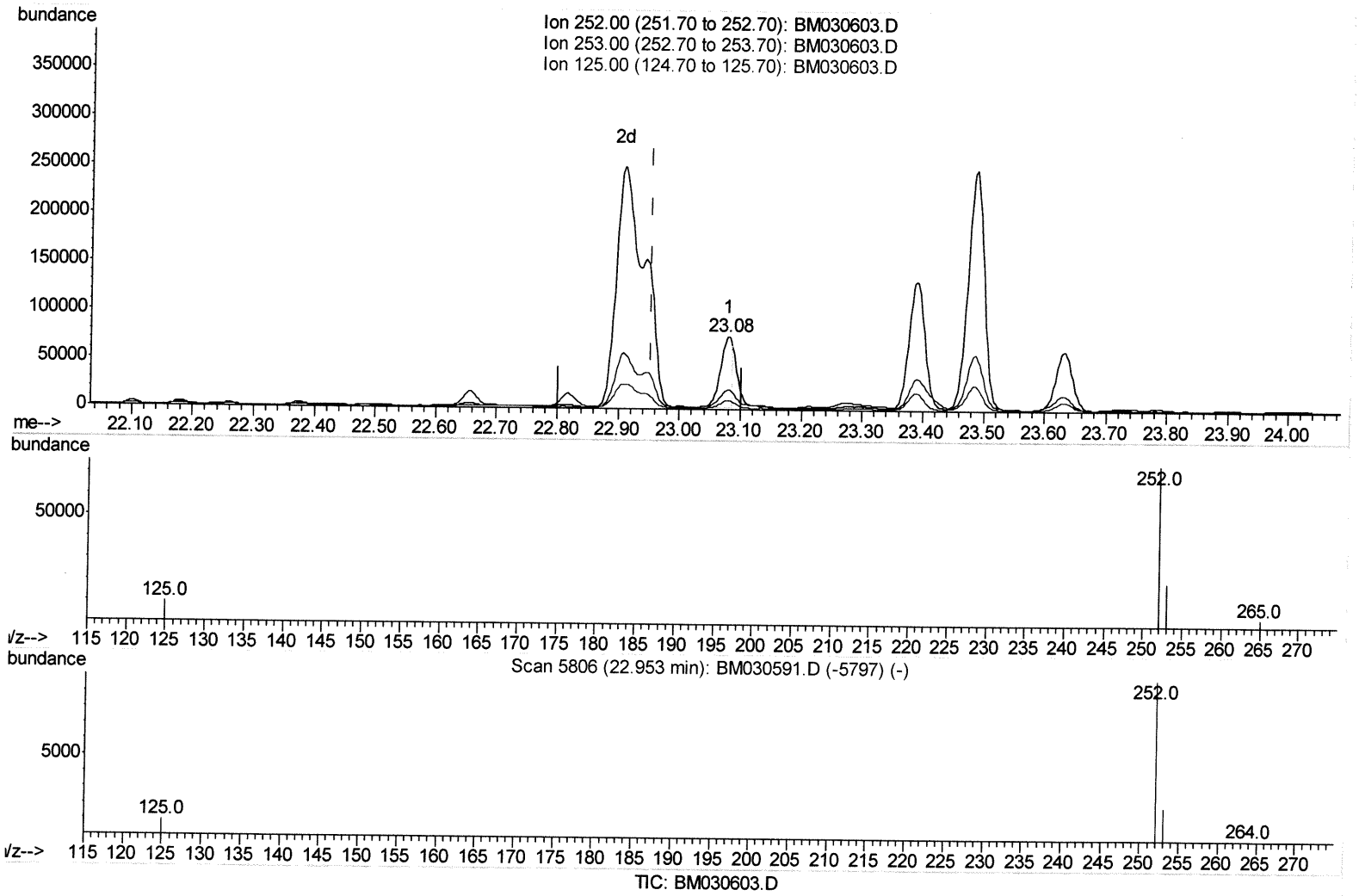
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.98
125.00	13.90	10.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030603.D
Acq On : 25 Jun 2021 15:58
Operator : CG/JU
Sample : M2662-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 16:28:45 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 12:45:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:08 PM



(25) Benzo(k)fluoranthene

23.079min (+0.126) 1.56ng/ul

response 97363

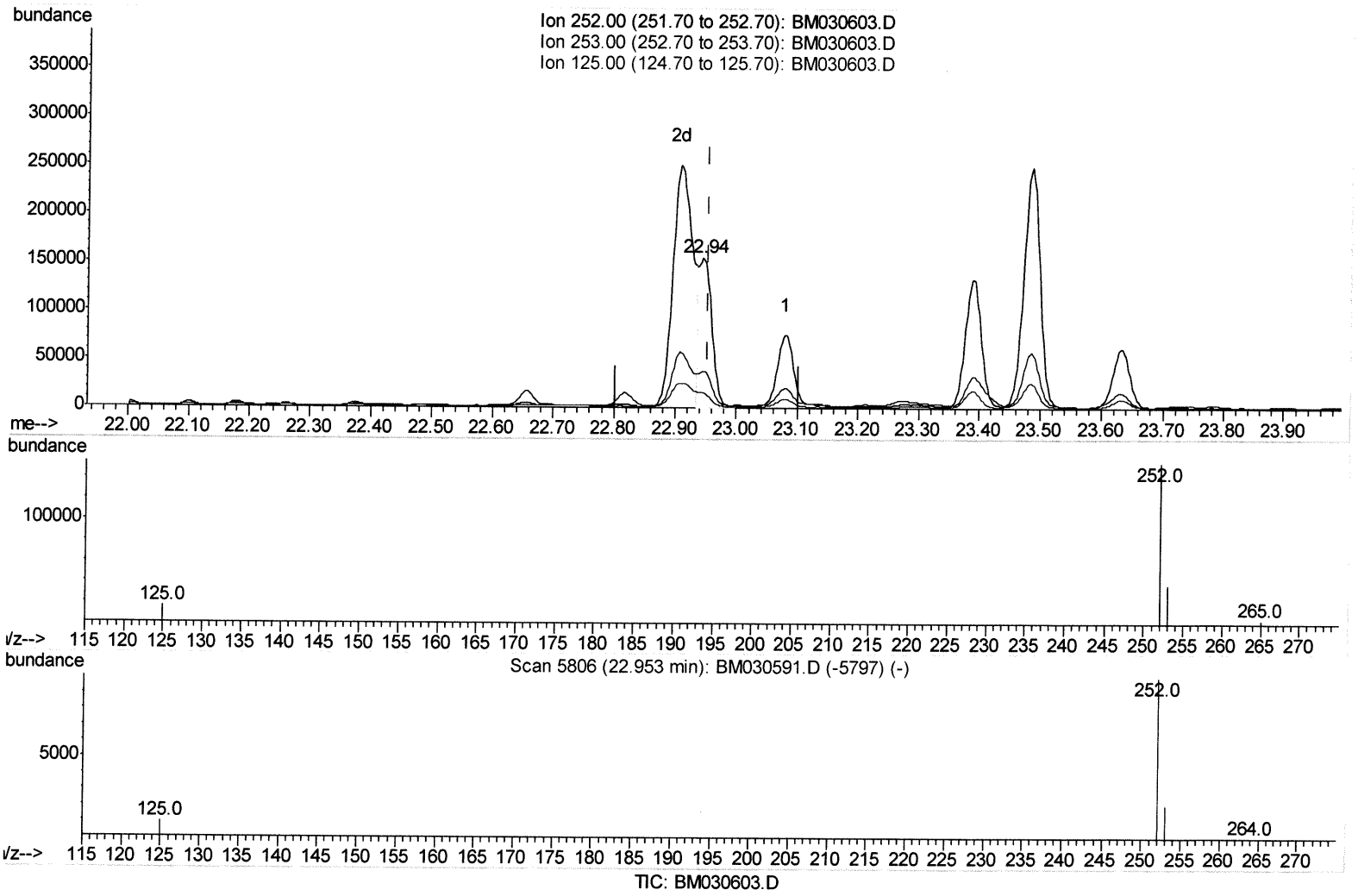
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	27.11
125.00	13.70	12.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030603.D
Acq On : 25 Jun 2021 15:58
Operator : CG/JU
Sample : M2662-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 16:28:45 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 12:45:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:08 PM



TIC: BM030603.D

(25) Benzo(k)fluoranthene

22.943min (-0.010) 3.87ng/ul m JU 6/29/21

response 241050

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	24.28
125.00	13.70	10.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030603.D
Acq On : 25 Jun 2021 15:58
Operator : CG/JU
Sample : M2662-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDH3DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:08 PM

Quant Time: Jun 25 16:29:49 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	4422	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	18227	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	11044	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	21573	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	14067	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	13662	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2266	0.48	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	1075	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	2807	0.07	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	19045	0.351	ng/ul	100
7) 2-Methylnaphthalene	12.25	142	2631	0.072	ng/ul	100
8) 1-Methylnaphthalene	12.47	142	2923	0.082	ng/ul	98
10) Acenaphthylene	14.14	152	23841	0.461	ng/ul	98
11) Acenaphthene	14.49	153	53579	1.273	ng/ul	98
12) Fluorene	15.47	166	49382	1.059	ng/ul	99
15) Phenanthrene	17.20	178	819240	10.665	ng/ul	99
16) Anthracene	17.29	178	421874	6.269	ng/ul	99
19) Fluoranthene	19.21	202	1567341	24.236	ng/ul	96
20) Pyrene	19.58	202	1216616	18.363	ng/ul	97
21) Benzo(a)anthracene	21.31	228	667656	11.948	ng/ul	95
22) Chrysene	21.36	228	534288	8.613	ng/ul	97
24) Benzo(b)fluoranthene	22.91	252	576816m	9.706	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	241050m	3.867	ng/ul	
26) Benzo(a)pyrene	23.49	252	458587	8.696	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.87	276	250896	3.741	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.87	278	66334	1.240	ng/ul	96
29) Benzo(g,h,i)perylene	26.57	276	195988	3.383	ng/ul	98

JU 6/30/21

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