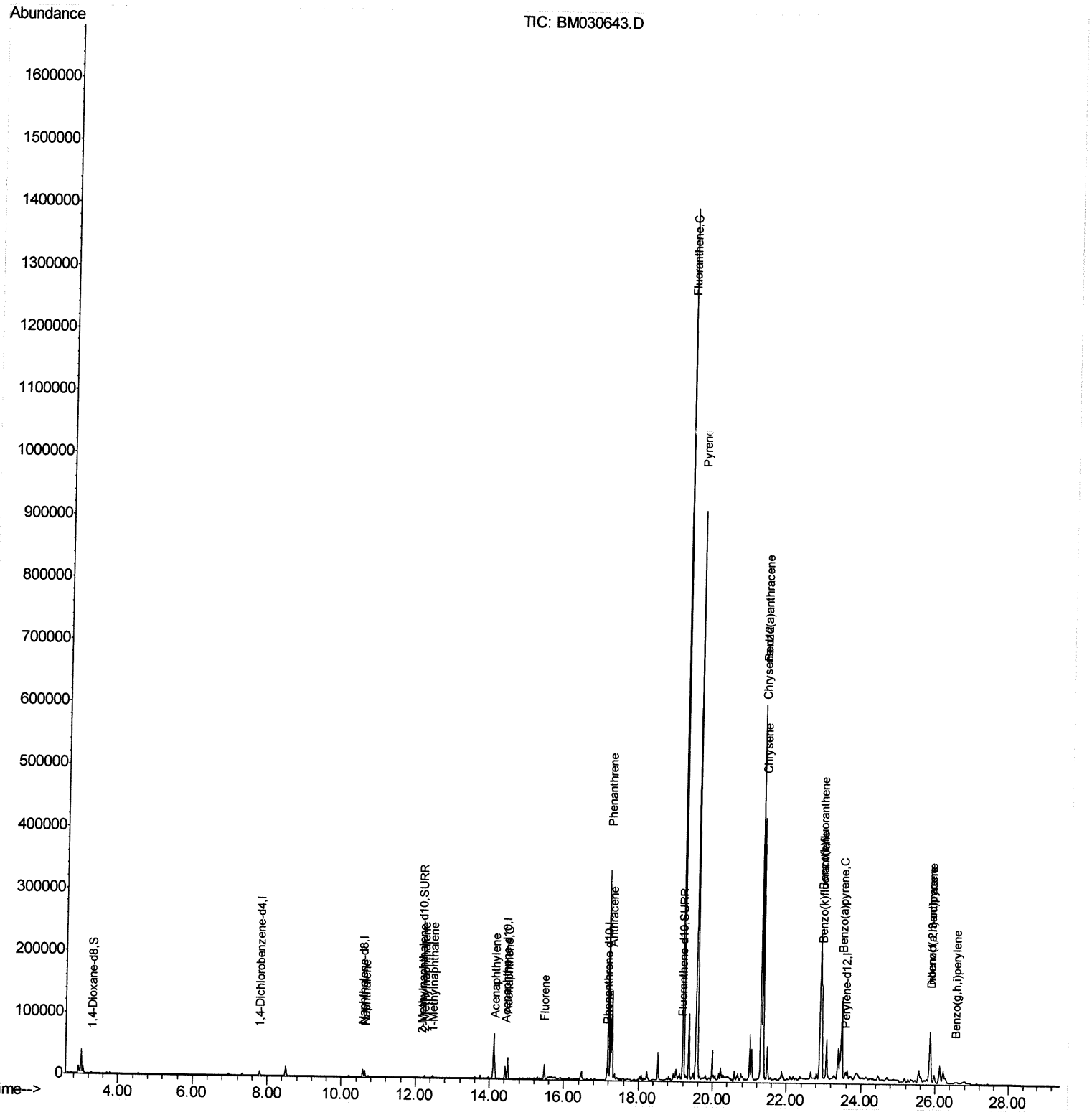
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030643.D
Acq On : 26 Jun 2021 18:20
Operator : CG/JU
Sample : M2682-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Jun 27 04:05:42 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 :
BGDH2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:15 PM

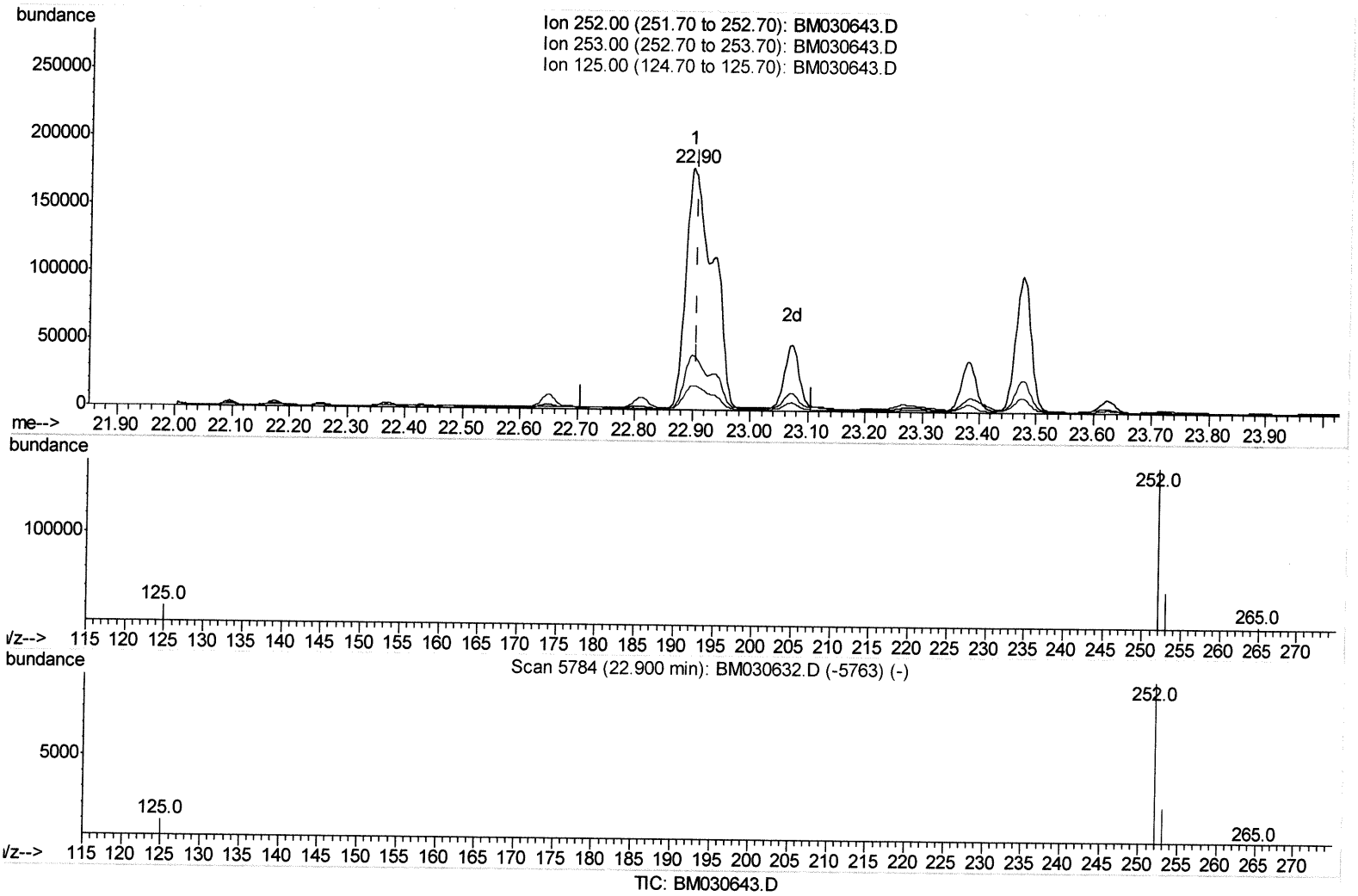


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030643.D
Acq On : 26 Jun 2021 18:20
Operator : CG/JU
Sample : M2682-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Jun 27 02:42:10 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

Instrument :
BNA_M
ClientSampleId :
BGDH2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:15 PM



TIC: BM030643.D

(24) Benzo(b)fluoranthene

22.900min (-0.007) 9.29ng/ul

response 581250

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.77
125.00	13.90	9.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030643.D
Acq On : 26 Jun 2021 18:20
Operator : CG/JU
Sample : M2682-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Jun 27 02:42:10 2021
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BNA_M
ClientSampleId :
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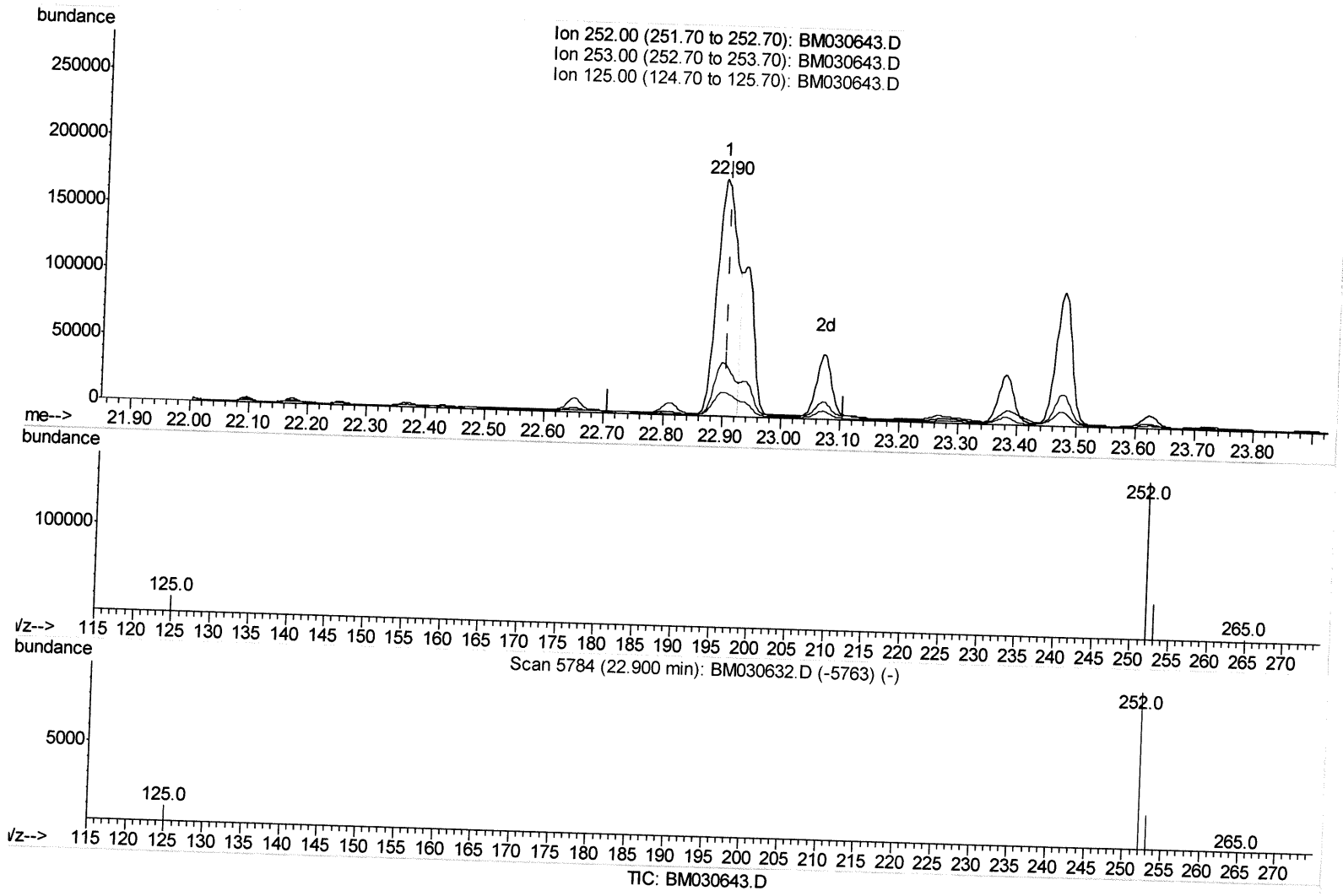
Manual Integrations APPROVED
mohammad
6/28/2021 1:23:15 PM



(24) Benzo(b)fluoranthene

22.900min (-0.007) 6.50ng/ul m JU 6/30/21

response 407004

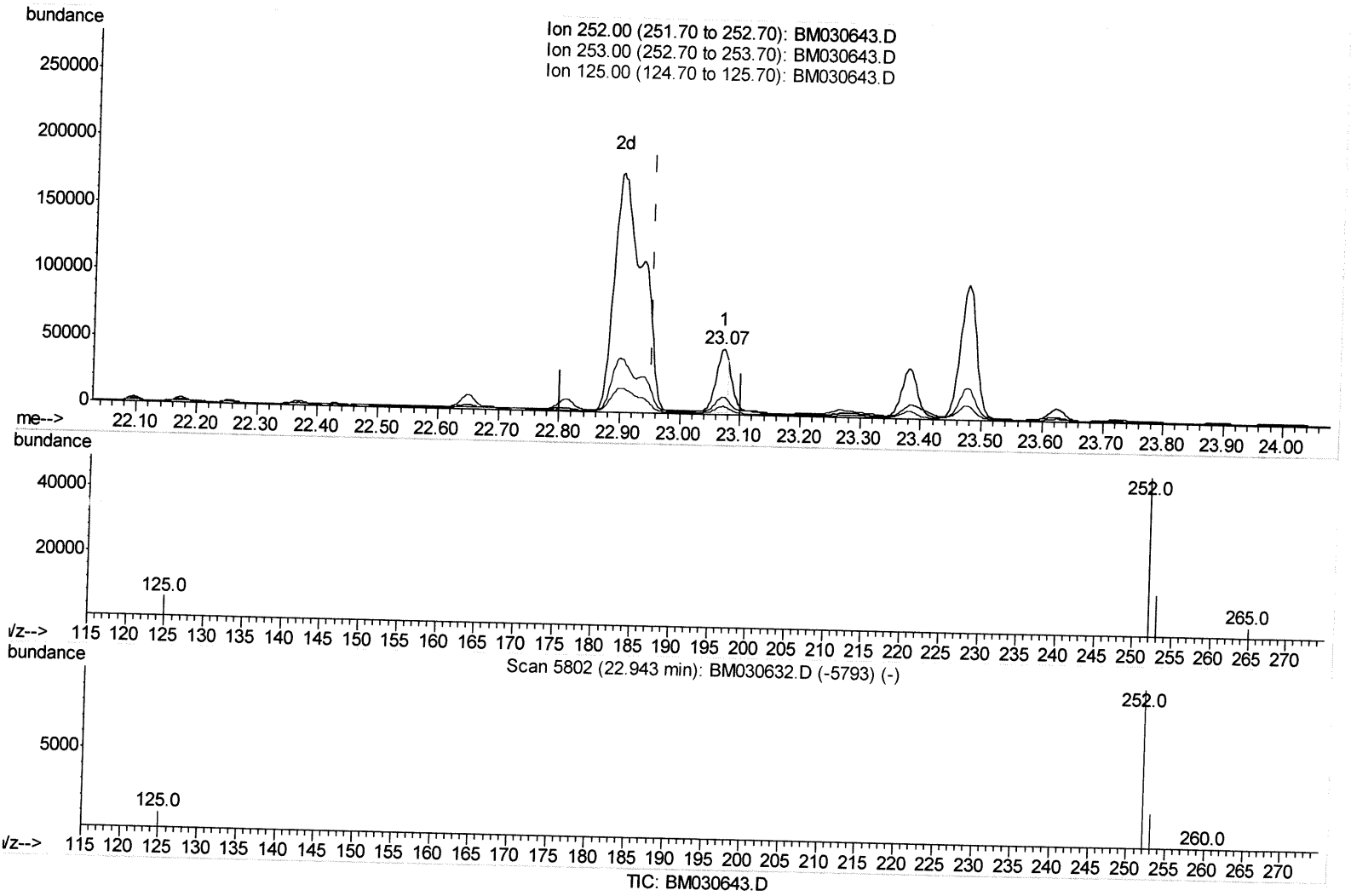
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.77
125.00	13.90	9.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030643.D
Acq On : 26 Jun 2021 18:20
Operator : CG/JU
Sample : M2682-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Jun 27 04:04:25 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 :
BGDH2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:15 PM



(25) Benzo(k)fluoranthene

23.072min (+0.119) 0.96ng/ul

response 63065

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	26.55
125.00	13.70	12.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030643.D
Acq On : 26 Jun 2021 18:20
Operator : CG/JU
Sample : M2682-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Jun 27 04:04:25 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
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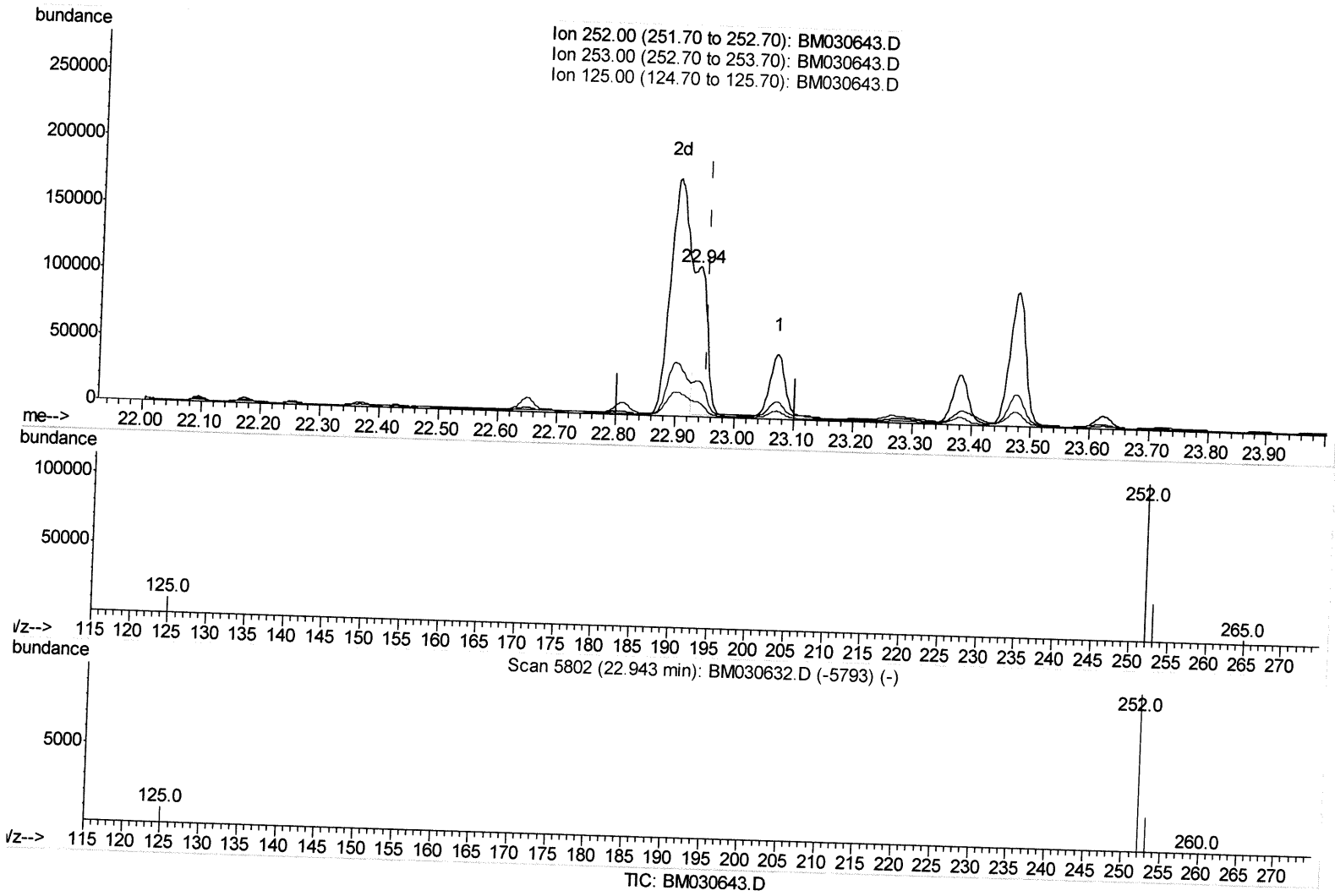
BNA_M
ClientSampleId :
BGDH2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:15 PM



(25) Benzo(k)fluoranthene

22.936min (-0.017) 2.60ng/ul m

response 170835

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	24.07
125.00	13.70	10.02#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030643.D
Acq On : 26 Jun 2021 18:20
Operator : CG/JU
Sample : M2682-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDH2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:15 PM

Quant Time: Jun 27 04:05:42 2021
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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	7.79	152	4301	0.40 ng/ul	0.00
4) Naphthalene-d8	10.58	136	18142	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.42	164	11200	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.16	188	21958	0.40 ng/ul	0.00
17) Chrysene-d12	21.32	240	14816	0.40 ng/ul	0.00
23) Perylene-d12	23.58	264	14385	0.40 ng/ul	-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.28	96	1514	0.33 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	698	0.02 ng/ul	0.00
18) Fluoranthene-d10	19.18	212	1651	0.04 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.63	128	16500	0.306 ng/ul	99
7) 2-Methylnaphthalene	12.25	142	2790	0.077 ng/ul	99
8) 1-Methylnaphthalene	12.46	142	2307	0.065 ng/ul	98
10) Acenaphthylene	14.14	152	28886	0.551 ng/ul	99
11) Acenaphthene	14.48	153	20286	0.475 ng/ul	98
12) Fluorene	15.47	166	15150	0.320 ng/ul	98
15) Phenanthrene	17.20	178	355434	4.546 ng/ul	99
16) Anthracene	17.29	178	150210	2.193 ng/ul	99
19) Fluoranthene	19.21	202	1216743	17.864 ng/ul	98
20) Pyrene	19.57	202	812626	11.646 ng/ul	97
21) Benzo(a)anthracene	21.31	228	524163	8.906 ng/ul	97
22) Chrysene	21.36	228	370797	5.675 ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	407004m	6.504 ng/ul	97
25) Benzo(k)fluoranthene	22.94	252	170835m	2.603 ng/ul	97
26) Benzo(a)pyrene	23.48	252	188398	3.393 ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.85	276	121385	1.719 ng/ul#	92
28) Dibenzo(a,h)anthracene	25.86	278	44298	0.787 ng/ul	95
29) Benzo(g,h,i)perylene	26.55	276	5122	0.084 ng/ul#	71

JU 6/30/21

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