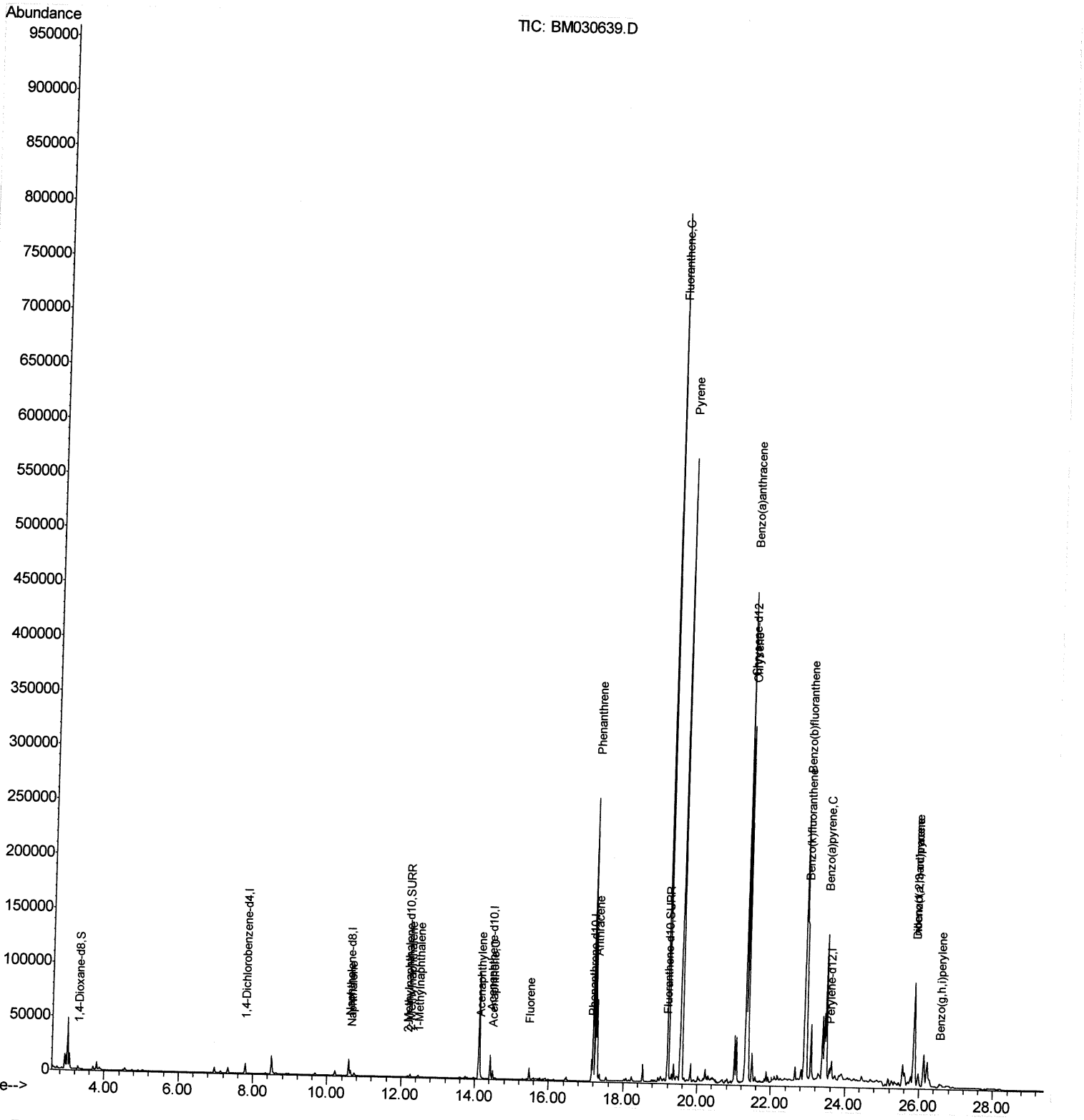
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030639.D
Acq On : 26 Jun 2021 15:53
Operator : CG/JU
Sample : M2682-13DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 27 03:37:17 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 :
BGDM4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:55 PM

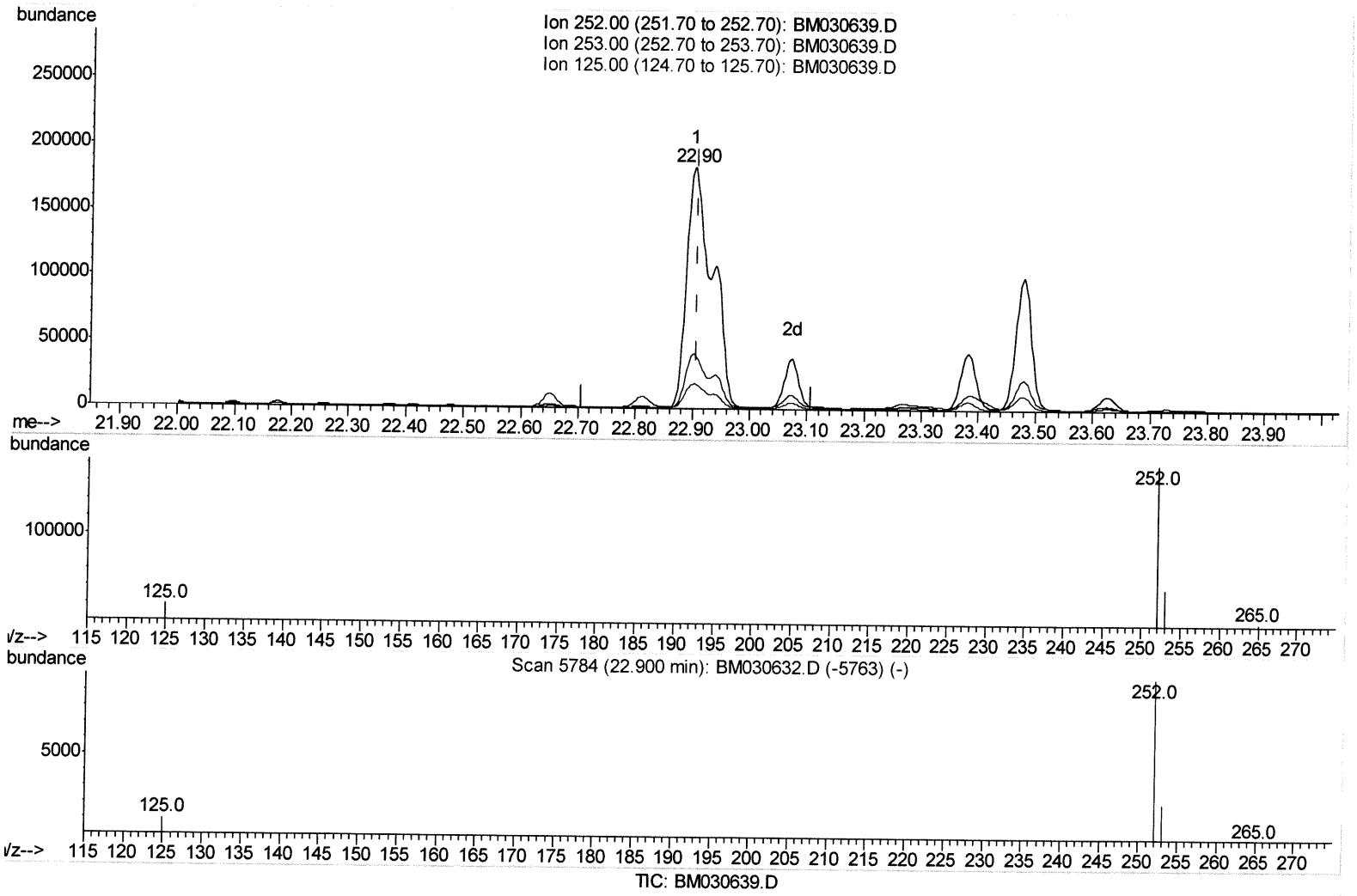


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030639.D
Acq On : 26 Jun 2021 15:53
Operator : CG/JU
Sample : M2682-13DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 27 02:41:36 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 :
BGDM4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:55 PM



(24) Benzo(b)fluoranthene

22.902min (-0.005) 8.72ng/ul

response 571153

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.73
125.00	13.90	10.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030639.D
Acq On : 26 Jun 2021 15:53
Operator : CG/JU
Sample : M2682-13DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 27 02:41:36 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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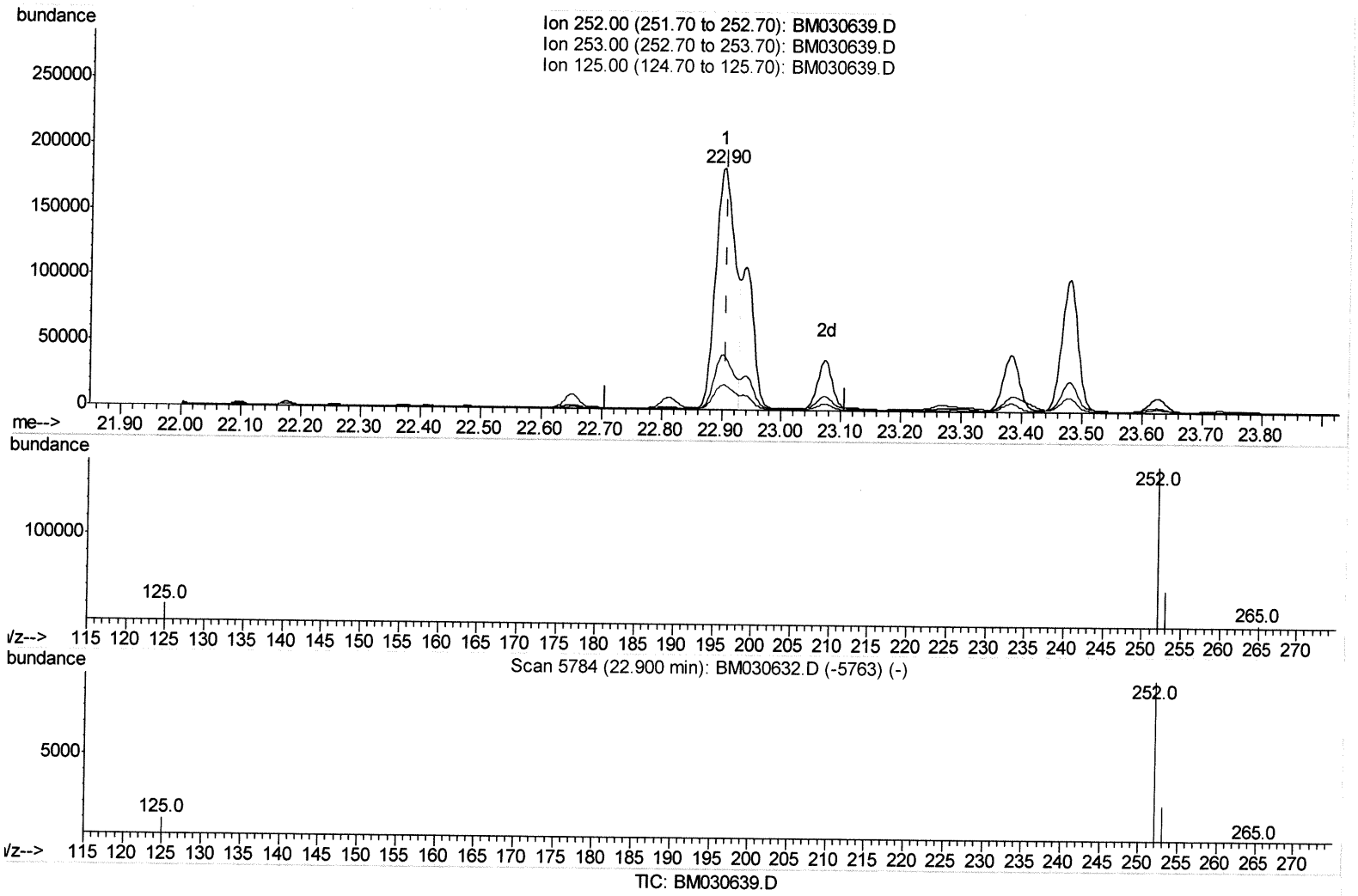
Instrument :
BNA_M
ClientSampleId :
BGDM4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:55 PM



(24) Benzo(b)fluoranthene

22.902min (-0.005) 6.27ng/ul m JU 6/30/21

response 411128

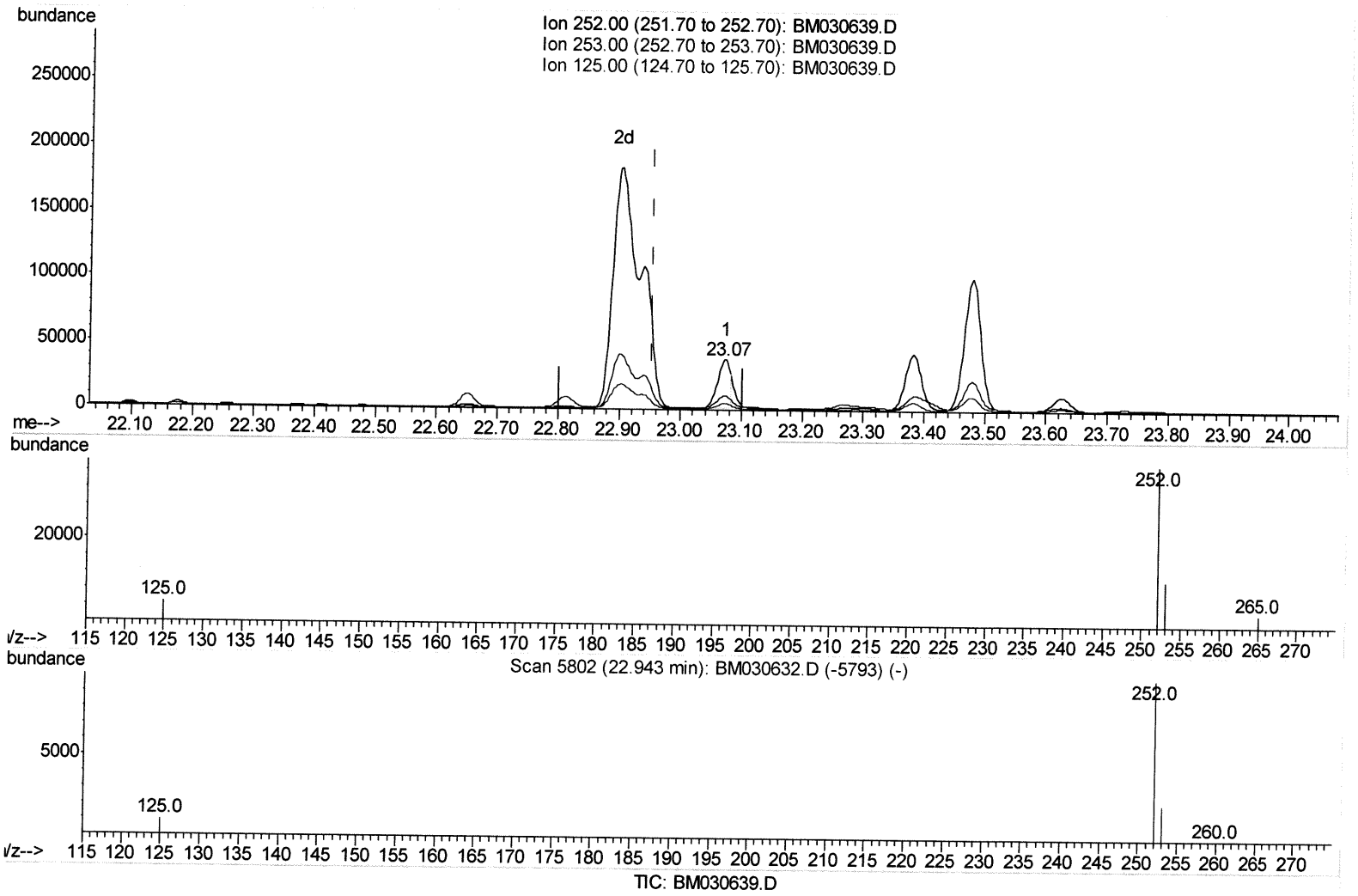
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.73
125.00	13.90	10.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030639.D
Acq On : 26 Jun 2021 15:53
Operator : CG/JU
Sample : M2682-13DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 27 03:35:36 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 :
BGDM4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:55 PM



(25) Benzo(k)fluoranthene

23.074min (+0.121) 0.75ng/ul

response 51269

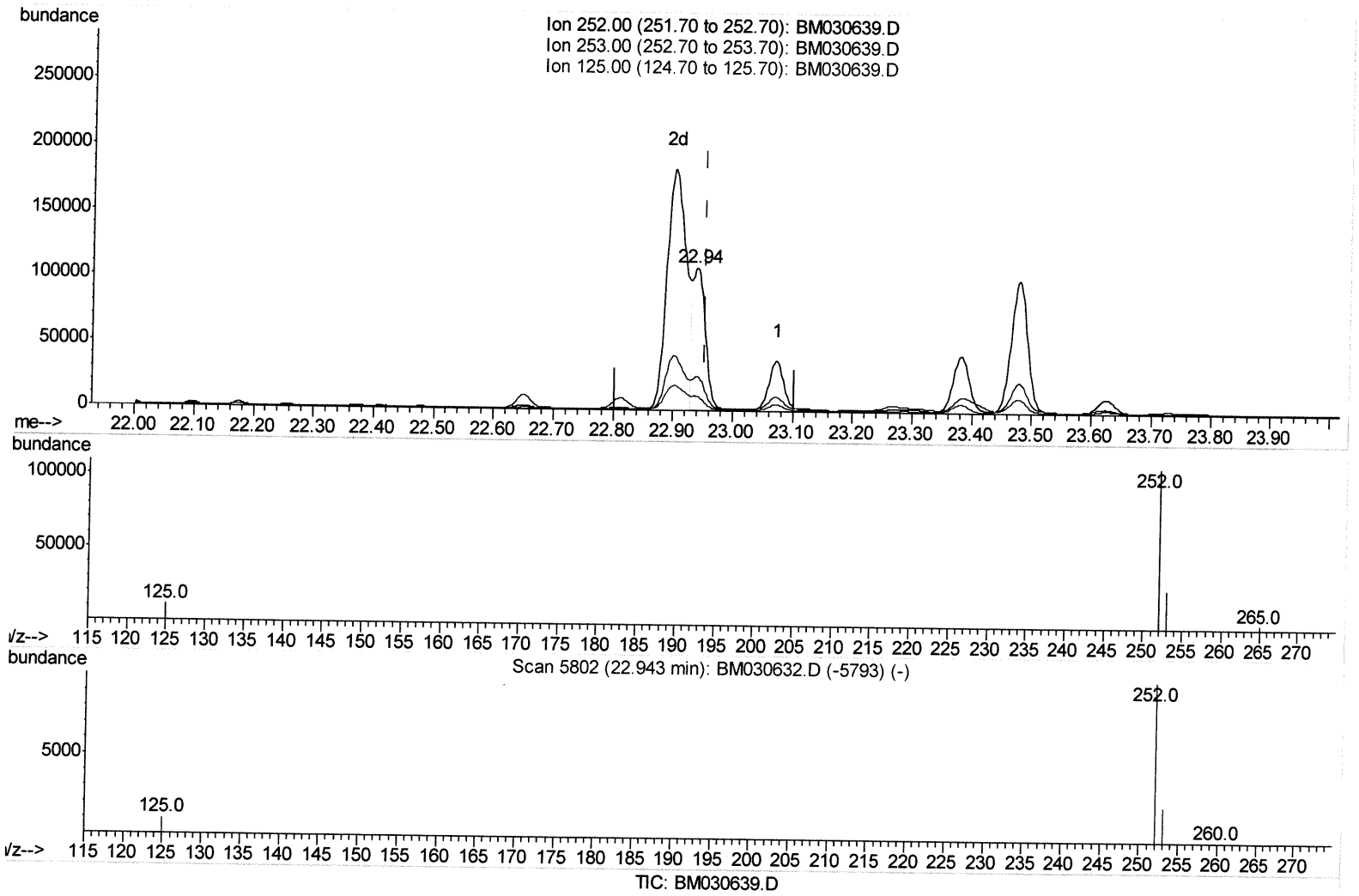
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.13
125.00	13.70	13.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030639.D
Acq On : 26 Jun 2021 15:53
Operator : CG/JU
Sample : M2682-13DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 27 03:35:36 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 :
BGDM4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:55 PM



(25) Benzo(k)fluoranthene

22.939min (-0.014) 2.29ng/ul m

response 157605

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.79
125.00	13.70	10.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030639.D
Acq On : 26 Jun 2021 15:53
Operator : CG/JU
Sample : M2682-13DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDM4DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:55 PM

Quant Time: Jun 27 03:37:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	5105	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	21144	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	12515	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	23522	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	15300	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	15062	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2088	0.38	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	909	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	2034	0.04	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	6706	0.107	ng/ul	98
7) 2-Methylnaphthalene	12.25	142	1854	0.044	ng/ul	100
8) 1-Methylnaphthalene	12.47	142	1372	0.033	ng/ul	97
10) Acenaphthylene	14.14	152	8861	0.151	ng/ul	96
11) Acenaphthene	14.48	153	4409	0.092	ng/ul	99
12) Fluorene	15.47	166	7135	0.135	ng/ul	98
15) Phenanthrene	17.20	178	273697	3.268	ng/ul	99
16) Anthracene	17.29	178	79744	1.087	ng/ul	100
19) Fluoranthene	19.21	202	671651	9.549	ng/ul	98
20) Pyrene	19.57	202	488226	6.775	ng/ul	97
21) Benzo(a)anthracene	21.31	228	371021	6.105	ng/ul	99
22) Chrysene	21.36	228	304299	4.510	ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	411128m	6.275	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	157605m	2.293	ng/ul	JU 6/30/21
26) Benzo(a)pyrene	23.48	252	191088	3.287	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.86	276	146803	1.986	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.86	278	47194	0.800	ng/ul	98
29) Benzo(g,h,i)perylene	26.56	276	7046	0.110	ng/ul#	81

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