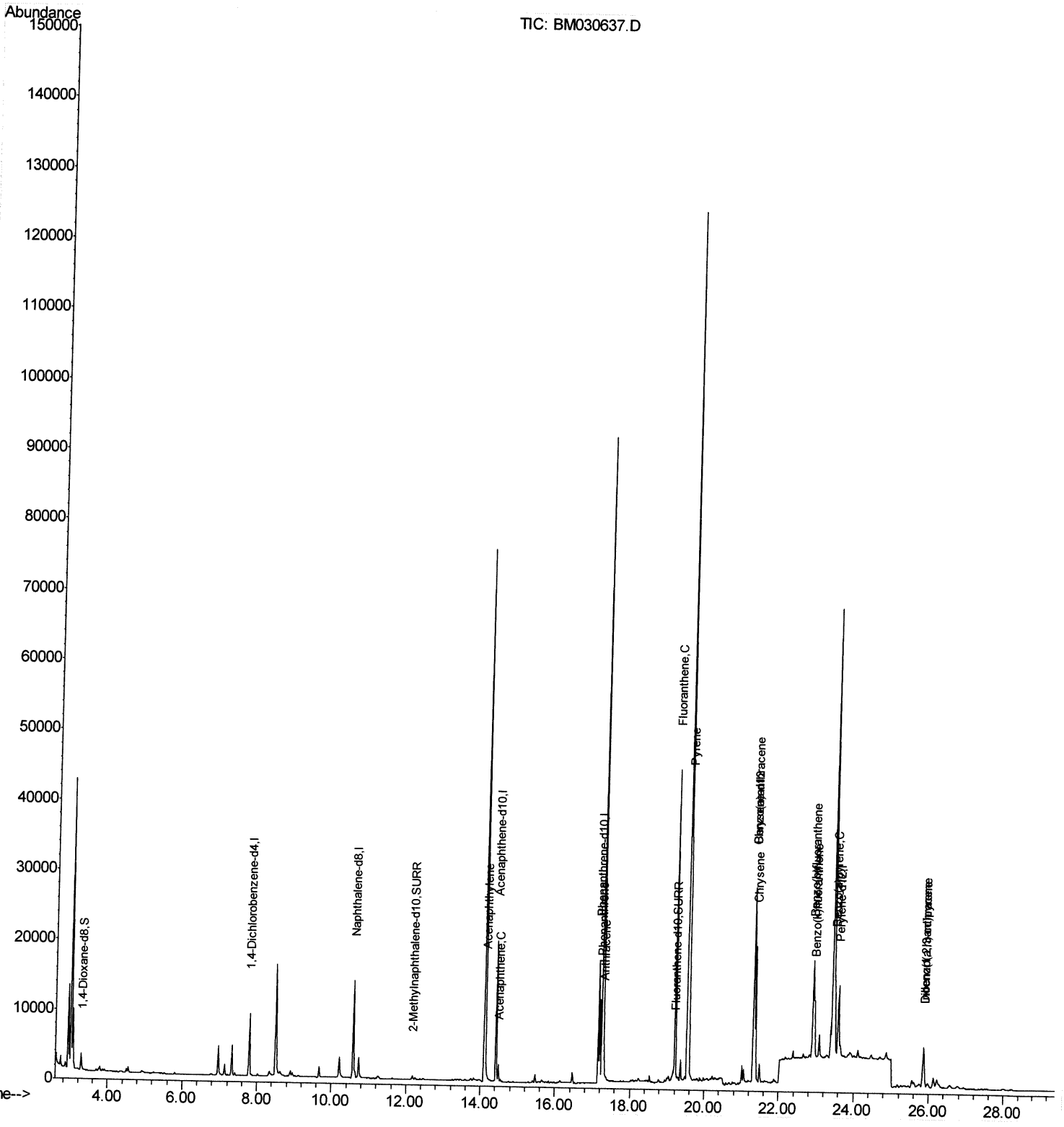
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030637.D
Acq On : 26 Jun 2021 14:39
Operator : CG/JU
Sample : M2682-16DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Jun 27 03:08:22 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 :
BGDC0DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:52 PM

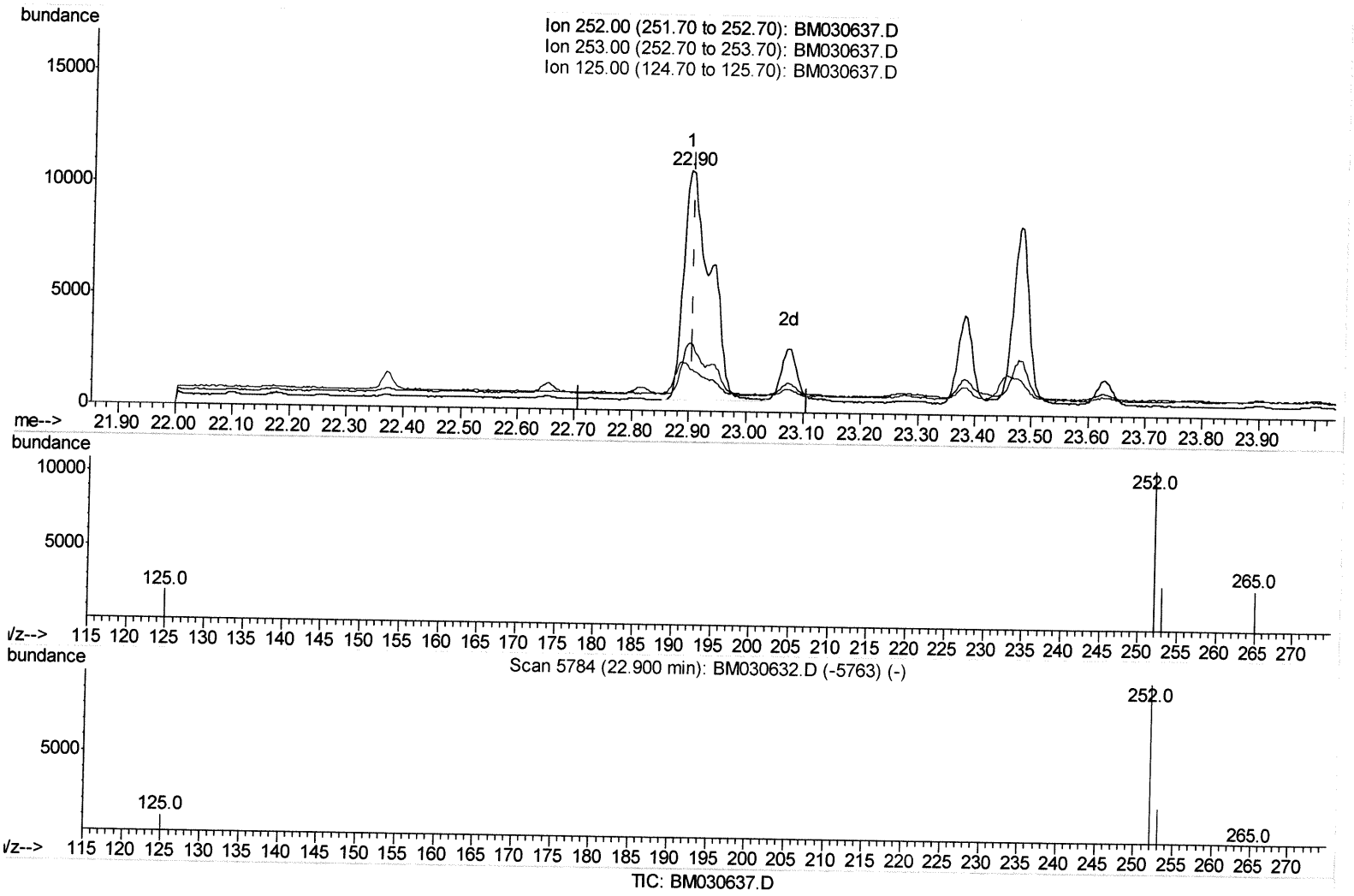


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030637.D
Acq On : 26 Jun 2021 14:39
Operator : CG/JU
Sample : M2682-16DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Jun 27 02:41:21 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 :
BGDC0DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:52 PM



(24) Benzo(b)fluoranthene

22.900min (-0.007) 0.56ng/ul

response 33751

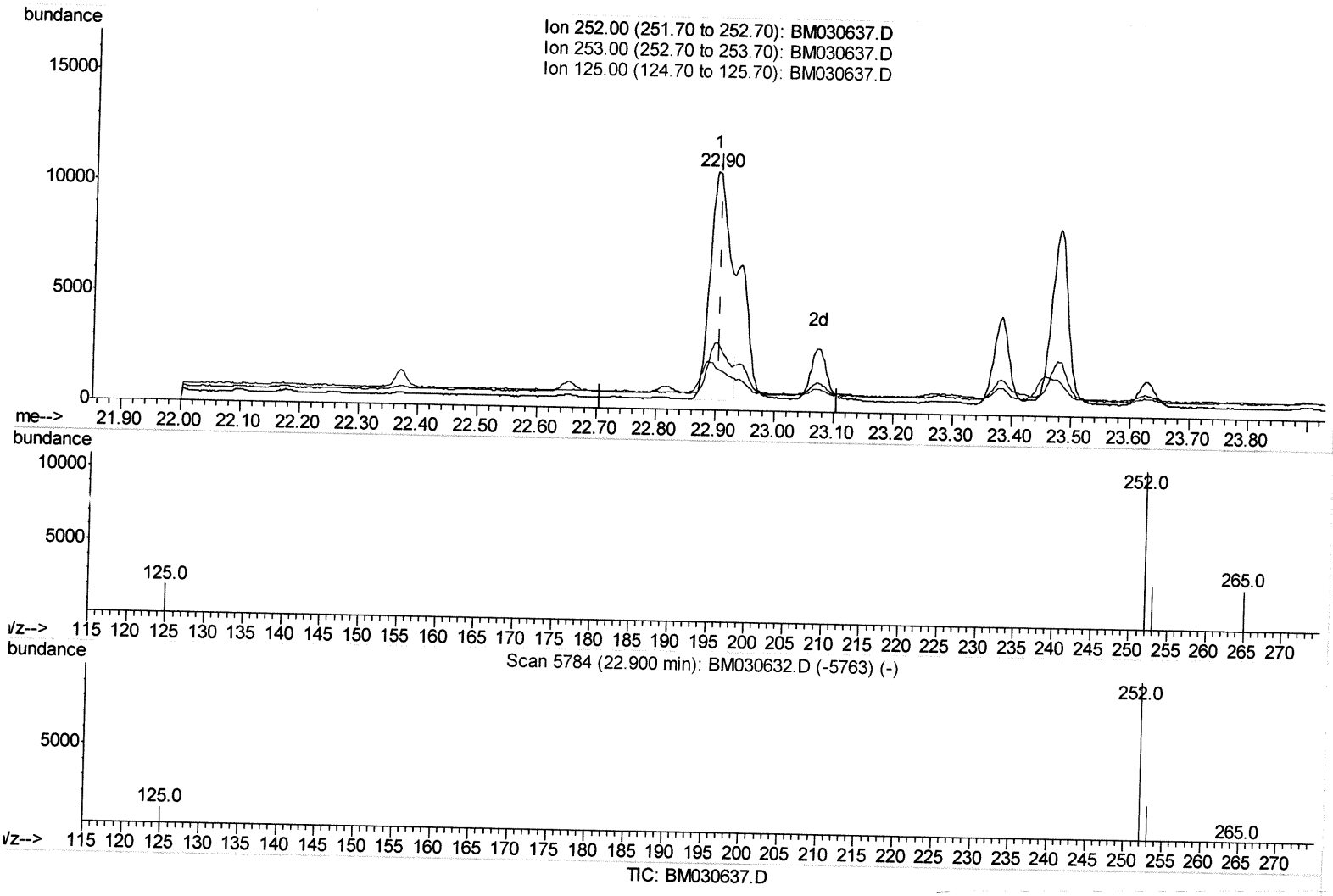
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.05
125.00	13.90	18.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030637.D
Acq On : 26 Jun 2021 14:39
Operator : CG/JU
Sample : M2682-16DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Jun 27 02:41:21 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 :
BGDC0DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:52 PM



(24) Benzo(b)fluoranthene

22.900min (-0.007) 0.40ng/ul m JU 6/30/21

response 24302

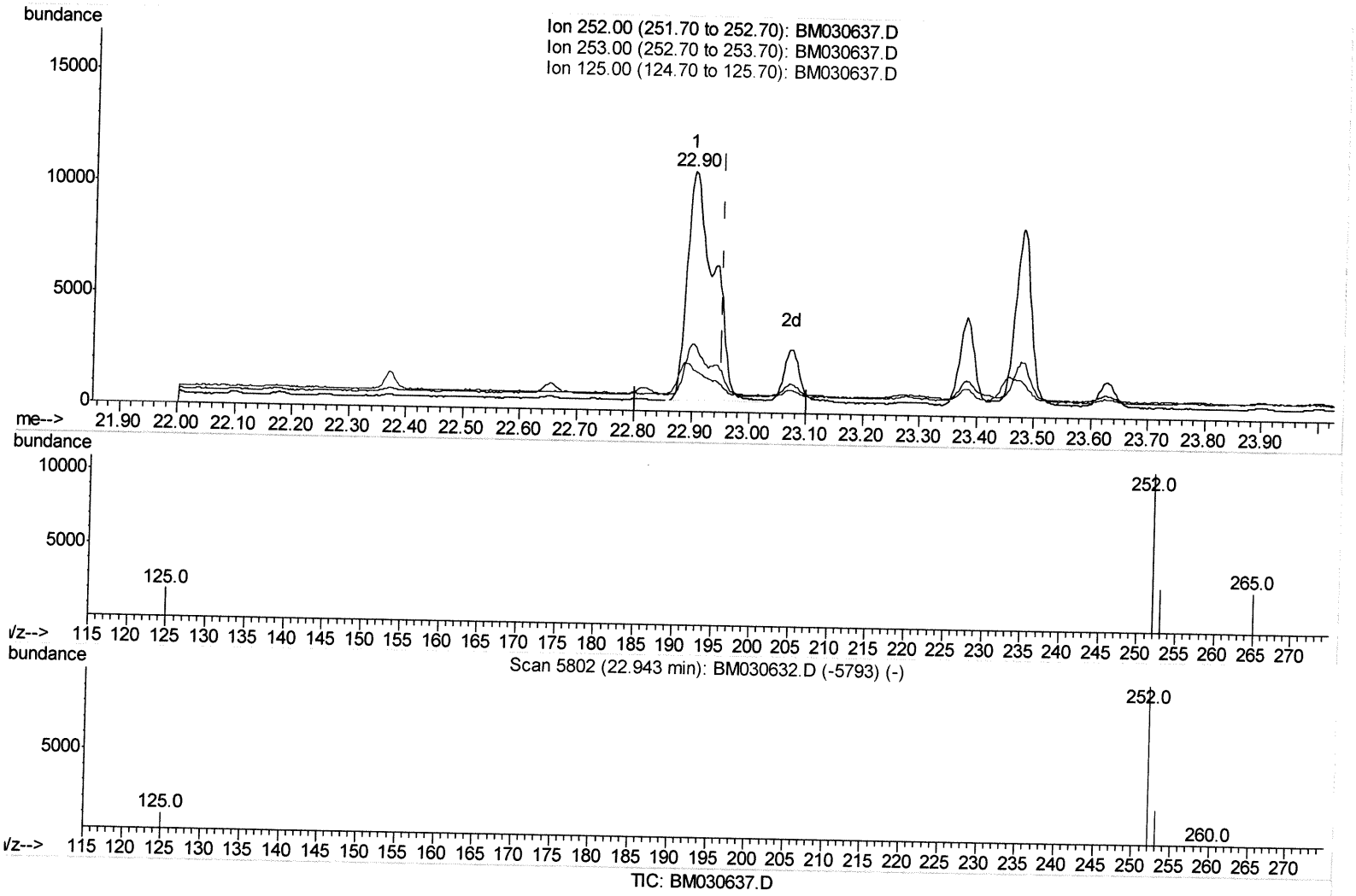
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	28.05
125.00	13.90	18.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030637.D
Acq On : 26 Jun 2021 14:39
Operator : CG/JU
Sample : M2682-16DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Jun 27 03:07:25 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 :
BGDC0DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:52 PM



TIC: BM030637.D

(25) Benzo(k)fluoranthene

22.900min (-0.053) 0.53ng/ul

response 33702

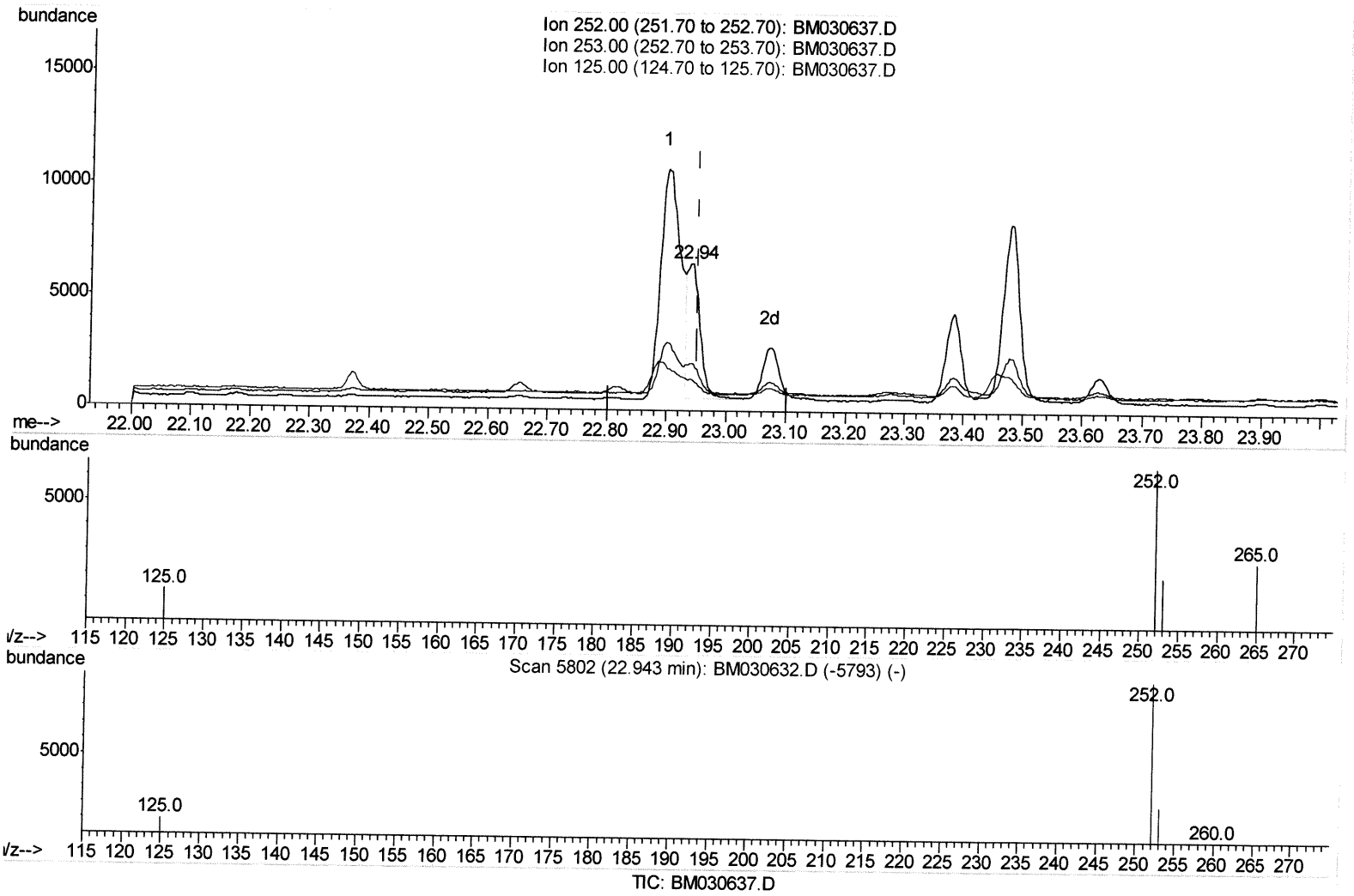
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.05
125.00	13.70	18.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030637.D
Acq On : 26 Jun 2021 14:39
Operator : CG/JU
Sample : M2682-16DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Jun 27 03:07:25 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 :
BGDC0DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:52 PM



(25) Benzo(k)fluoranthene

22.943min (-0.010) 0.14ng/ul m JU 6/30/21

response 9178

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	32.20#
125.00	13.70	20.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030637.D
Acq On : 26 Jun 2021 14:39
Operator : CG/JU
Sample : M2682-16DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDC0DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:22:52 PM

Quant Time: Jun 27 03:08:22 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	7.79	152	4755	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	19825	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	11663	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	21800	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	14811	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	13960	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1831	0.36	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	768	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	1636	0.04	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.14	152	1286	0.024	ng/ul#	84
11) Acenaphthene	14.48	153	1496	0.034	ng/ul	98
15) Phenanthrene	17.20	178	12837	0.165	ng/ul	99
16) Anthracene	17.29	178	5241	0.077	ng/ul#	95
19) Fluoranthene	19.21	202	40619	0.597	ng/ul	99
20) Pyrene	19.57	202	32308	0.463	ng/ul	99
21) Benzo(a)anthracene	21.31	228	21667	0.368	ng/ul	96
22) Chrysene	21.36	228	18747	0.287	ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	24302m	0.400	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	9178m	0.144	ng/ul	
26) Benzo(a)pyrene	23.48	252	15438	0.286	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.86	276	9892	0.144	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.86	278	2630	0.048	ng/ul#	56

JU 6/30/21

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