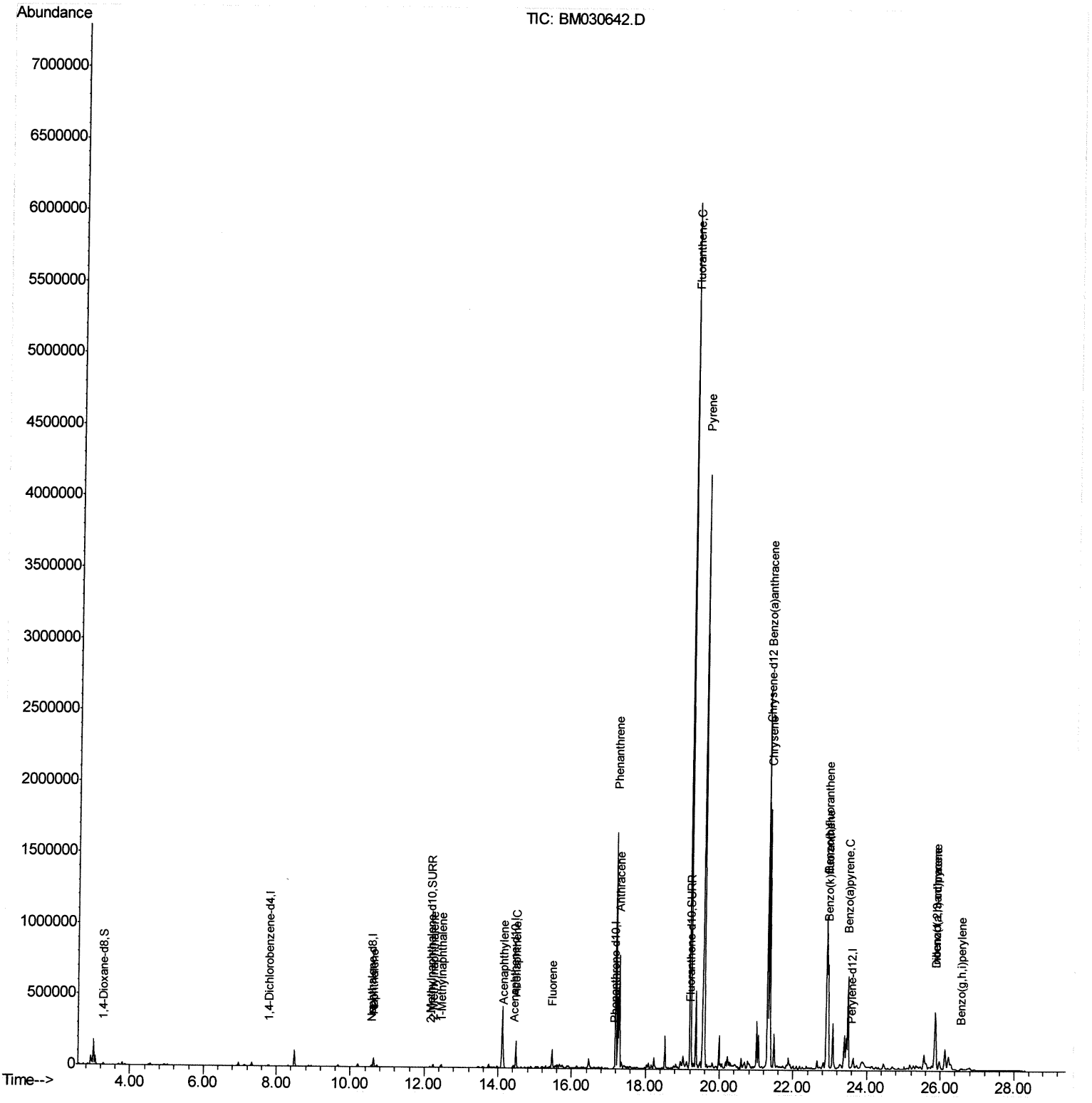
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030642.D
Acq On : 26 Jun 2021 17:43
Operator : CG/JU
Sample : M2682-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Jun 27 04:01:19 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 :
BGDH2

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:12 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030642.D
Acq On : 26 Jun 2021 17:43
Operator : CG/JU
Sample : M2682-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Jun 27 02:42:03 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 :
BGDH2

Manual Integrations APPROVED
mohammad
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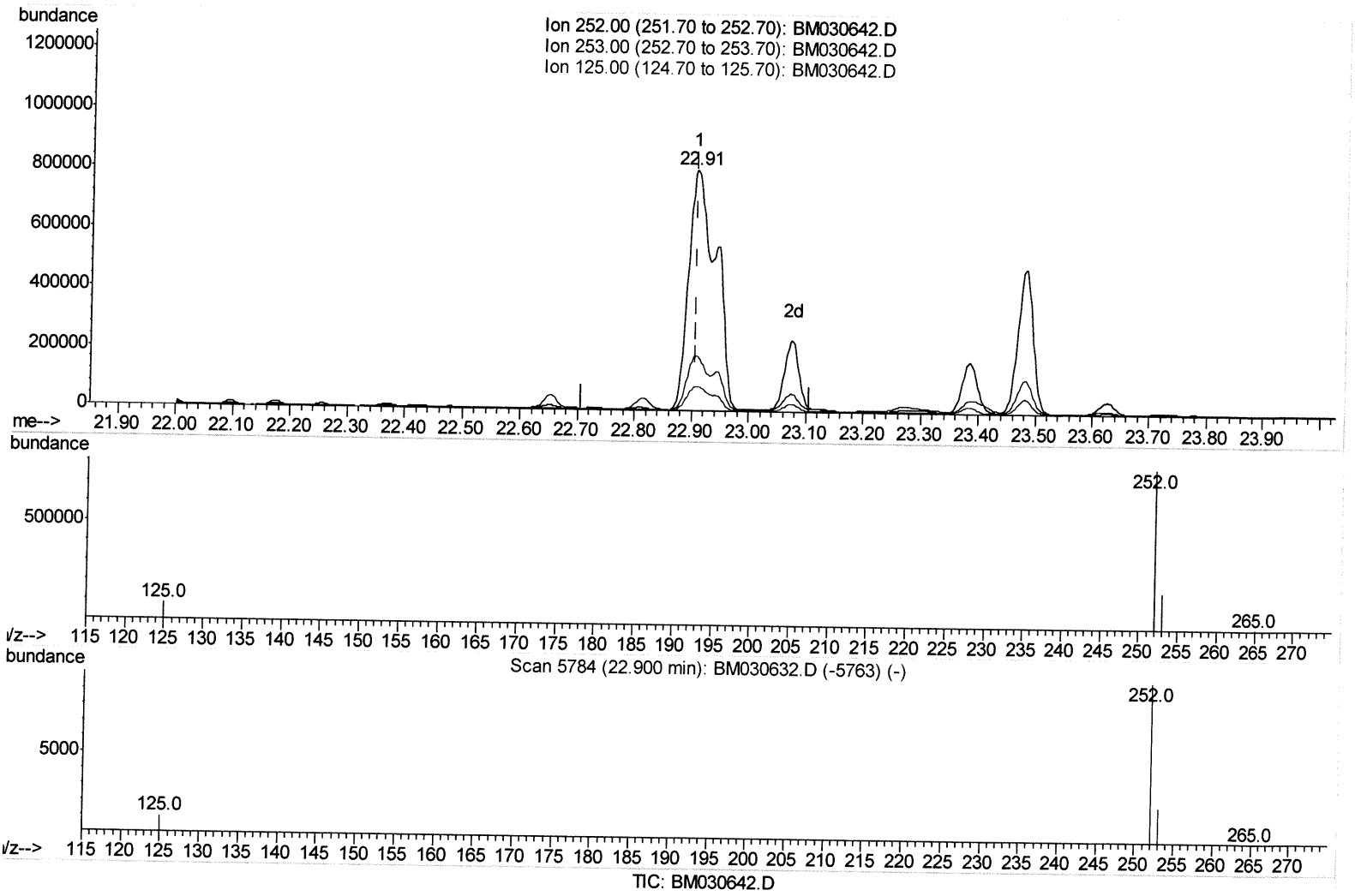


TIC: BM030642.D

(24) Benzo(b)fluoranthene

22.907min (+0.000) 48.66ng/ul

response 2666789

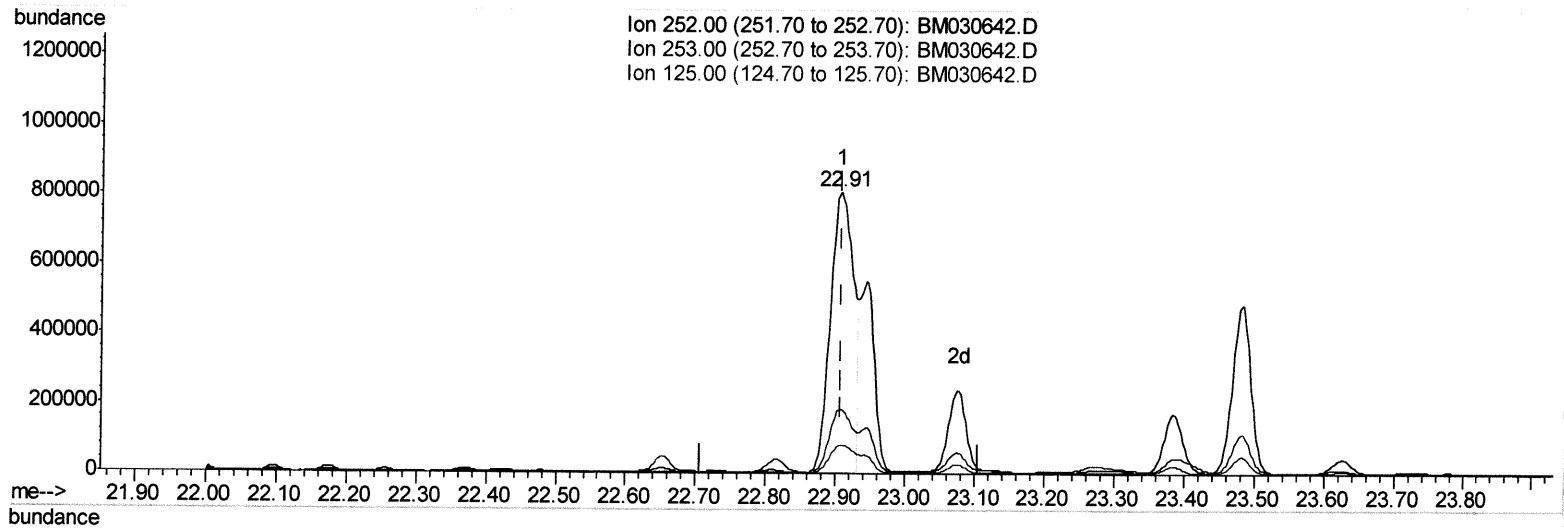
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.77
125.00	13.90	10.12
0.00	0.00	0.00

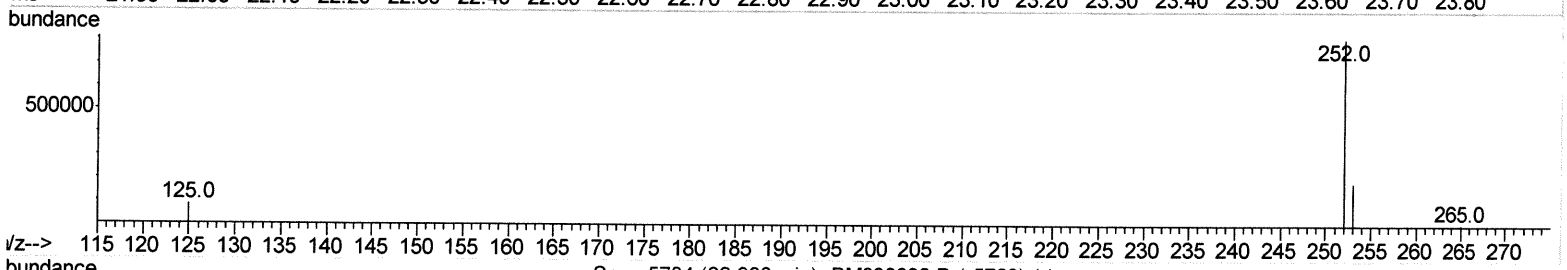
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030642.D
Acq On : 26 Jun 2021 17:43
Operator : CG/JU
Sample : M2682-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Jun 27 02:42:03 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

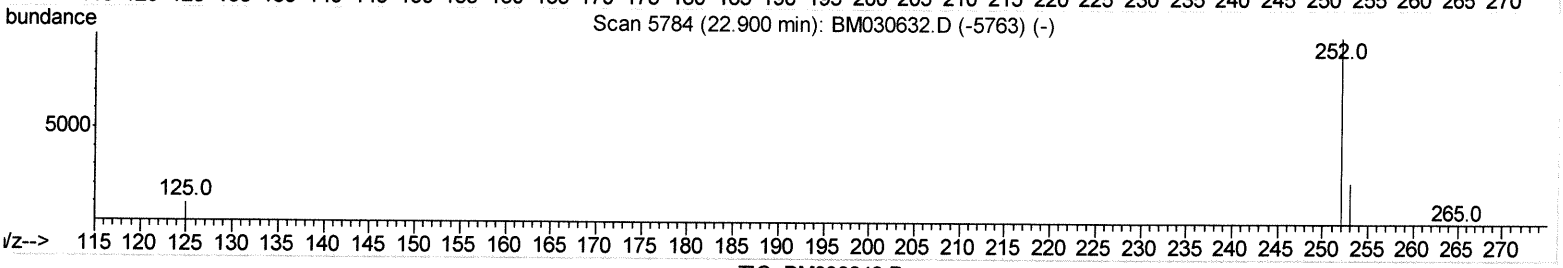
Instrument :
BNA_M
ClientSampleId :
BGDH2

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:12 PM





Scan 5784 (22.900 min): BM030632.D (-5763) (-)



TIC: BM030642.D

(24) Benzo(b)fluoranthene

22.907min (+0.000) 33.76ng/ul m JU 6/30/21

response 1850264

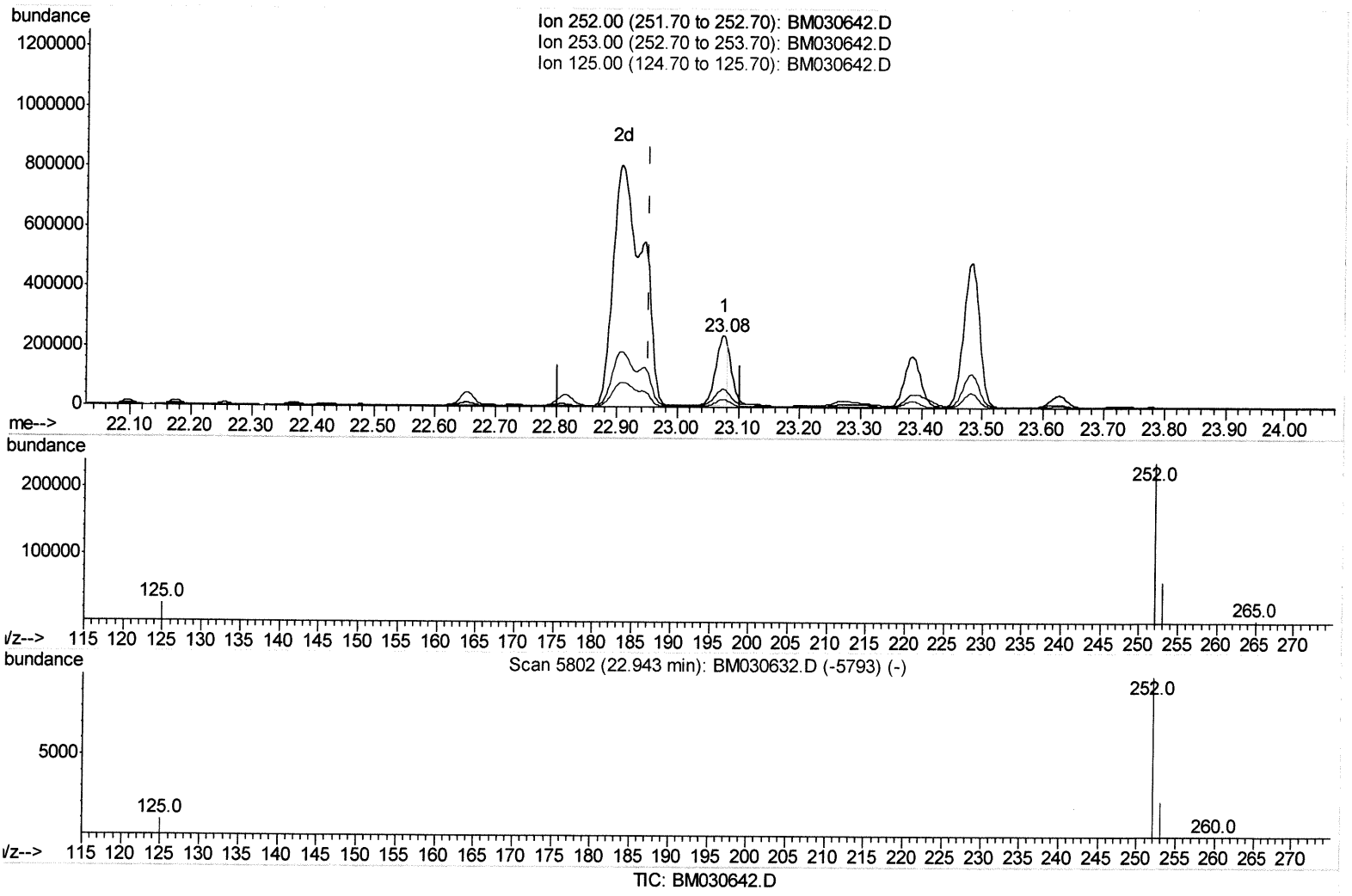
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.77
125.00	13.90	10.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030642.D
Acq On : 26 Jun 2021 17:43
Operator : CG/JU
Sample : M2682-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Jun 27 04:00:10 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 :
BGDH2

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:12 PM



TIC: BM030642.D

(25) Benzo(k)fluoranthene

23.077min (+0.124) 5.36ng/ul

response 308202

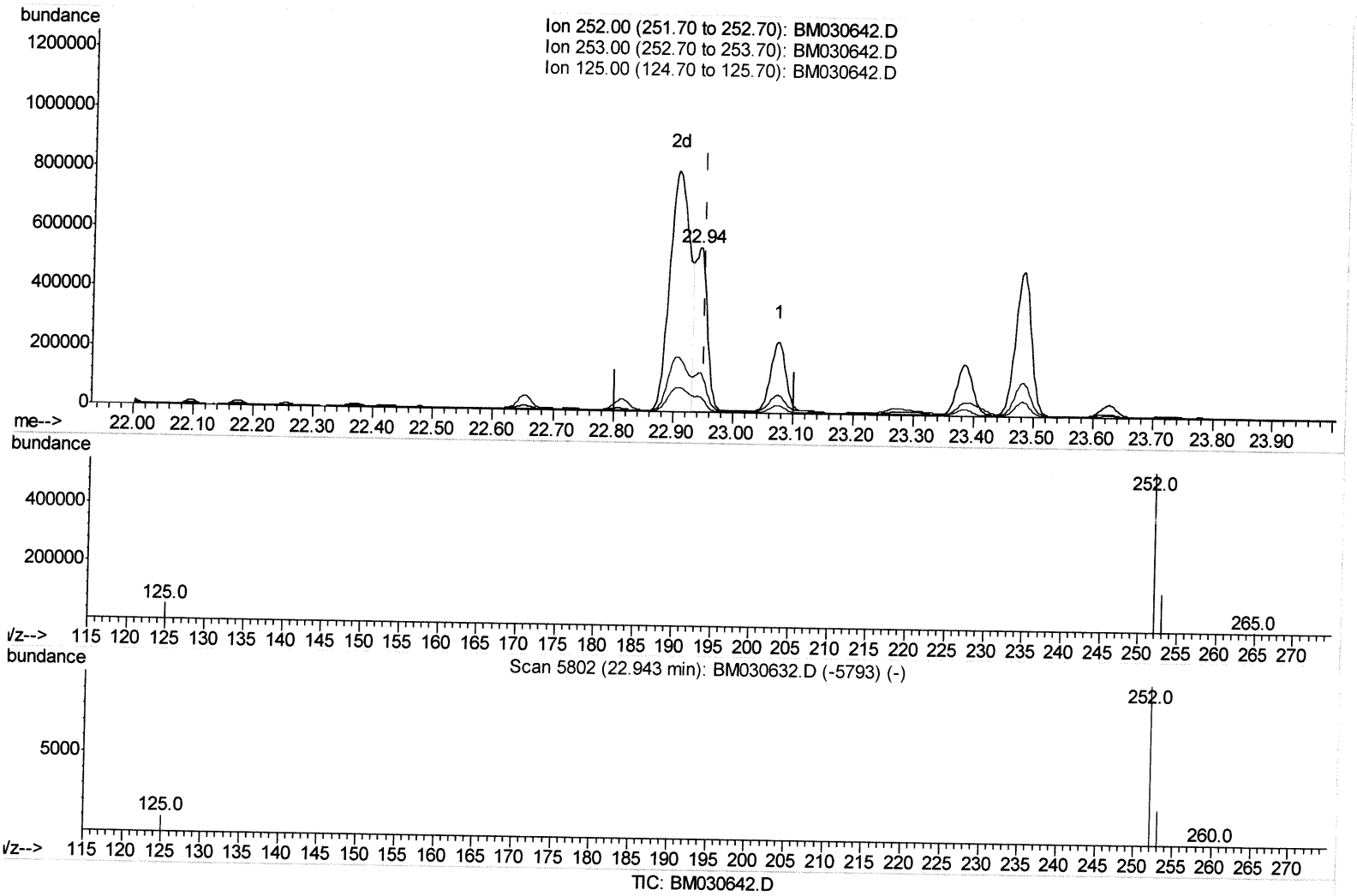
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.44
125.00	13.70	11.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030642.D
Acq On : 26 Jun 2021 17:43
Operator : CG/JU
Sample : M2682-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Jun 27 04:00:10 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 :
BGDH2

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:12 PM



(25) Benzo(k)fluoranthene

22.943min (-0.010) 14.02ng/ul m

response 805594

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.93
125.00	13.70	9.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030642.D
Acq On : 26 Jun 2021 17:43
Operator : CG/JU
Sample : M2682-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDH2

Manual Integrations APPROVED
mohammad
6/28/2021 1:23:12 PM

Quant Time: Jun 27 04:01:19 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	3593	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	15133	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9590	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	17392	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	12107	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12598	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	7897	2.05	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.17	152	3812	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	7759	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	88518	1.966	ng/ul	99
7) 2-Methylnaphthalene	12.24	142	15489	0.510	ng/ul	100
8) 1-Methylnaphthalene	12.46	142	12496	0.423	ng/ul	98
10) Acenaphthylene	14.14	152	142696	3.180	ng/ul	100
11) Acenaphthene	14.48	153	110016	3.009	ng/ul	98
12) Fluorene	15.47	166	81748	2.019	ng/ul	99
15) Phenanthrene	17.20	178	1761104	28.439	ng/ul	100
16) Anthracene	17.29	178	779993	14.377	ng/ul	99
19) Fluoranthene	19.21	202	5237895	94.106	ng/ul	98
20) Pyrene	19.58	202	3617453	63.440	ng/ul	99
21) Benzo(a)anthracene	21.31	228	2279318	47.394	ng/ul	93
22) Chrysene	21.36	228	1649727	30.899	ng/ul	96
24) Benzo(b)fluoranthene	22.91	252	1850264m	33.764	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	805594m	14.016	ng/ul	
26) Benzo(a)pyrene	23.48	252	893760	18.378	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.86	276	601960	9.734	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.87	278	220548	4.472	ng/ul	97
29) Benzo(g,h,i)perylene	26.56	276	27001	0.505	ng/ul#	84

JU 6/30/21

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