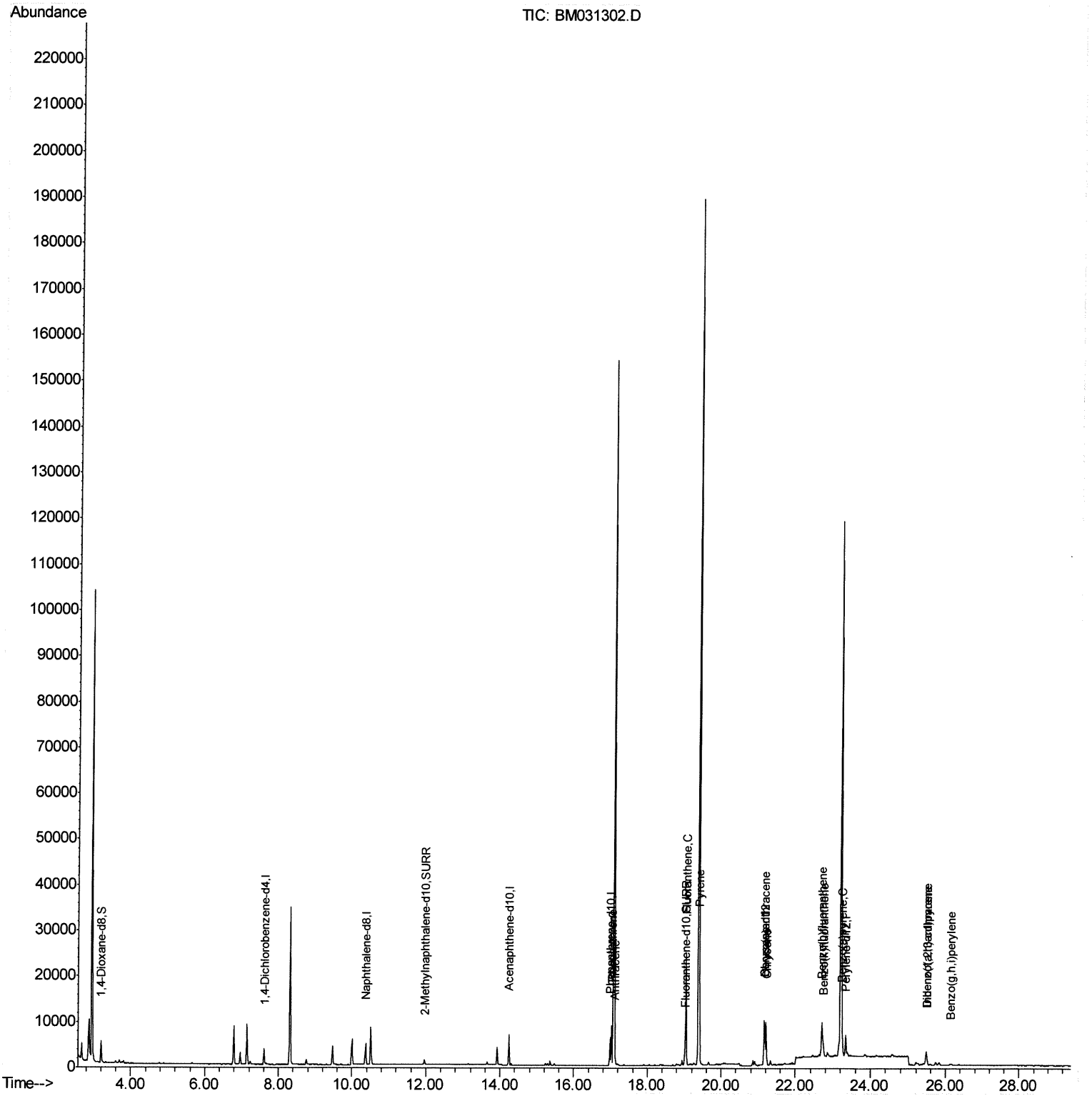
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031302.D
Acq On : 31 Jul 2021 08:22
Operator : CG/JU
Sample : M3106-02
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Aug 02 01:25:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD11

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:05 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031302.D
Acq On : 31 Jul 2021 08:22
Operator : CG/JU
Sample : M3106-02
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Aug 02 01:06:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD11

Manual Integrations APPROVED
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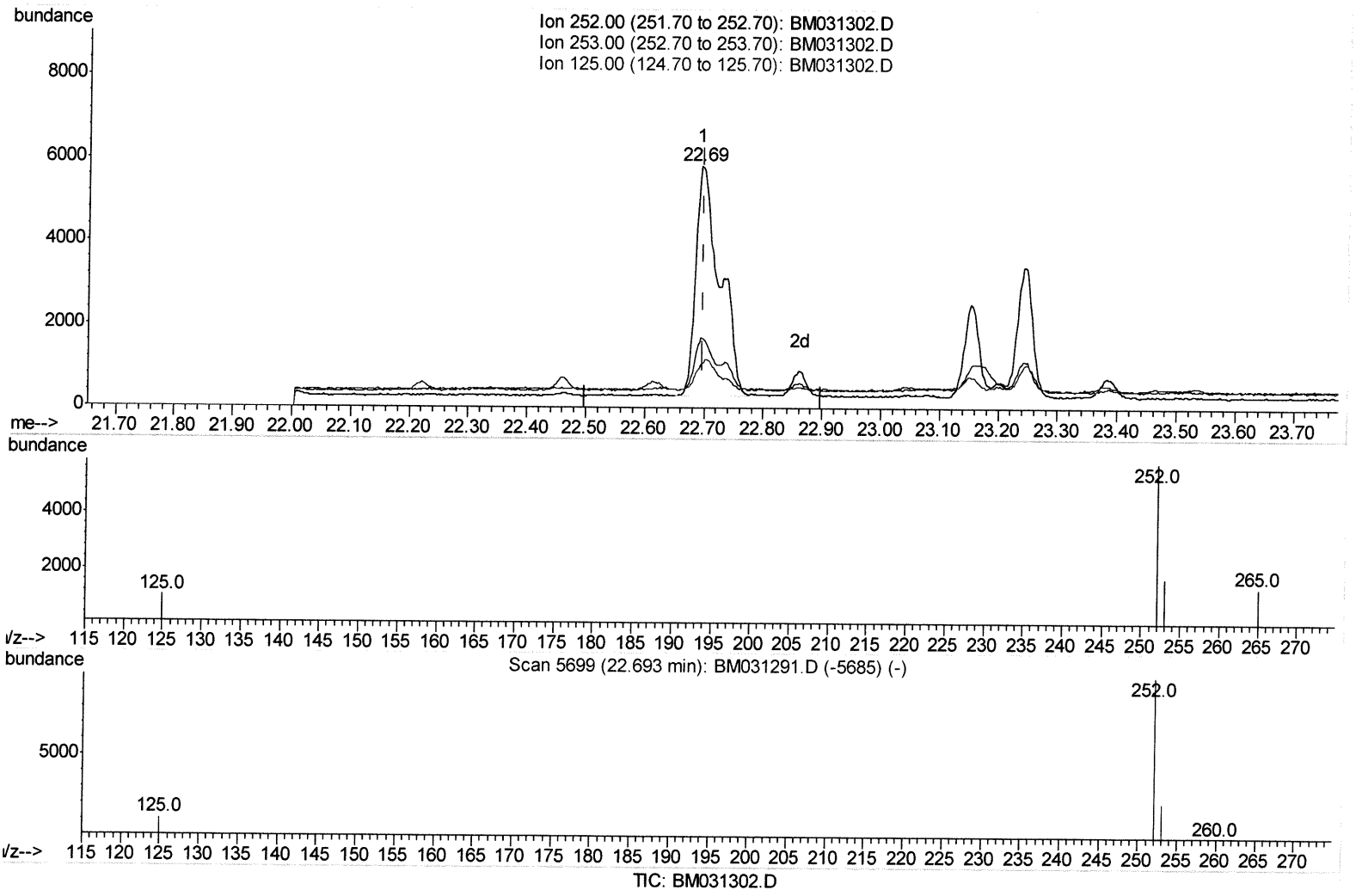

TIC: BM031302.D

(24) Benzo(b)fluoranthene

22.694min (-0.004) 0.62ng/ul

response 15700

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.31
125.00	11.40	17.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031302.D
Acq On : 31 Jul 2021 08:22
Operator : CG/JU
Sample : M3106-02
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Aug 02 01:06:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
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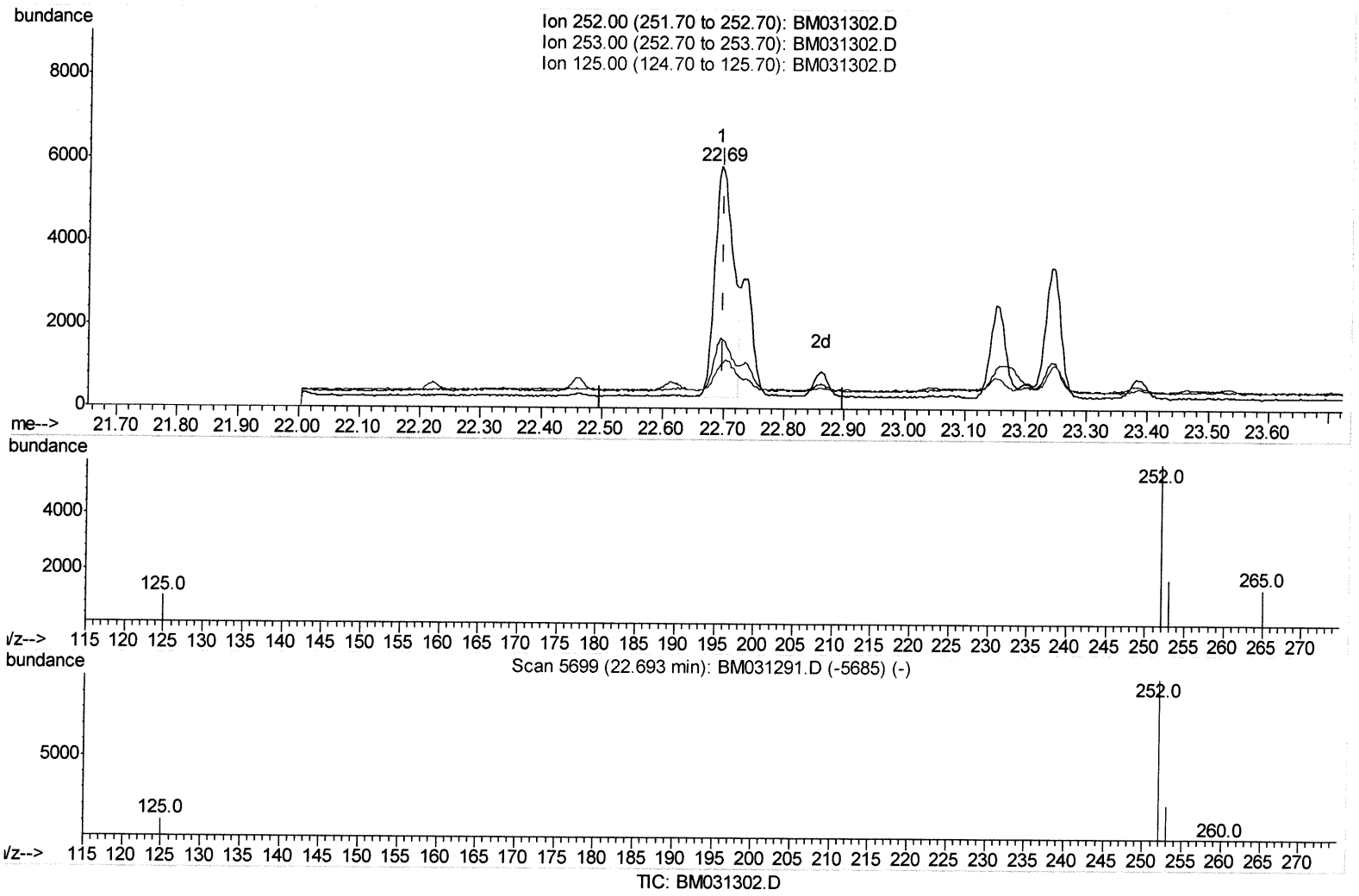
Instrument :
BNA_M
ClientSampleId :
BGD11

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:05 PM



TIC: BM031302.D

(24) Benzo(b)fluoranthene

22.694min (-0.004) 0.45ng/ul m

response 11434

JG 8/3/21

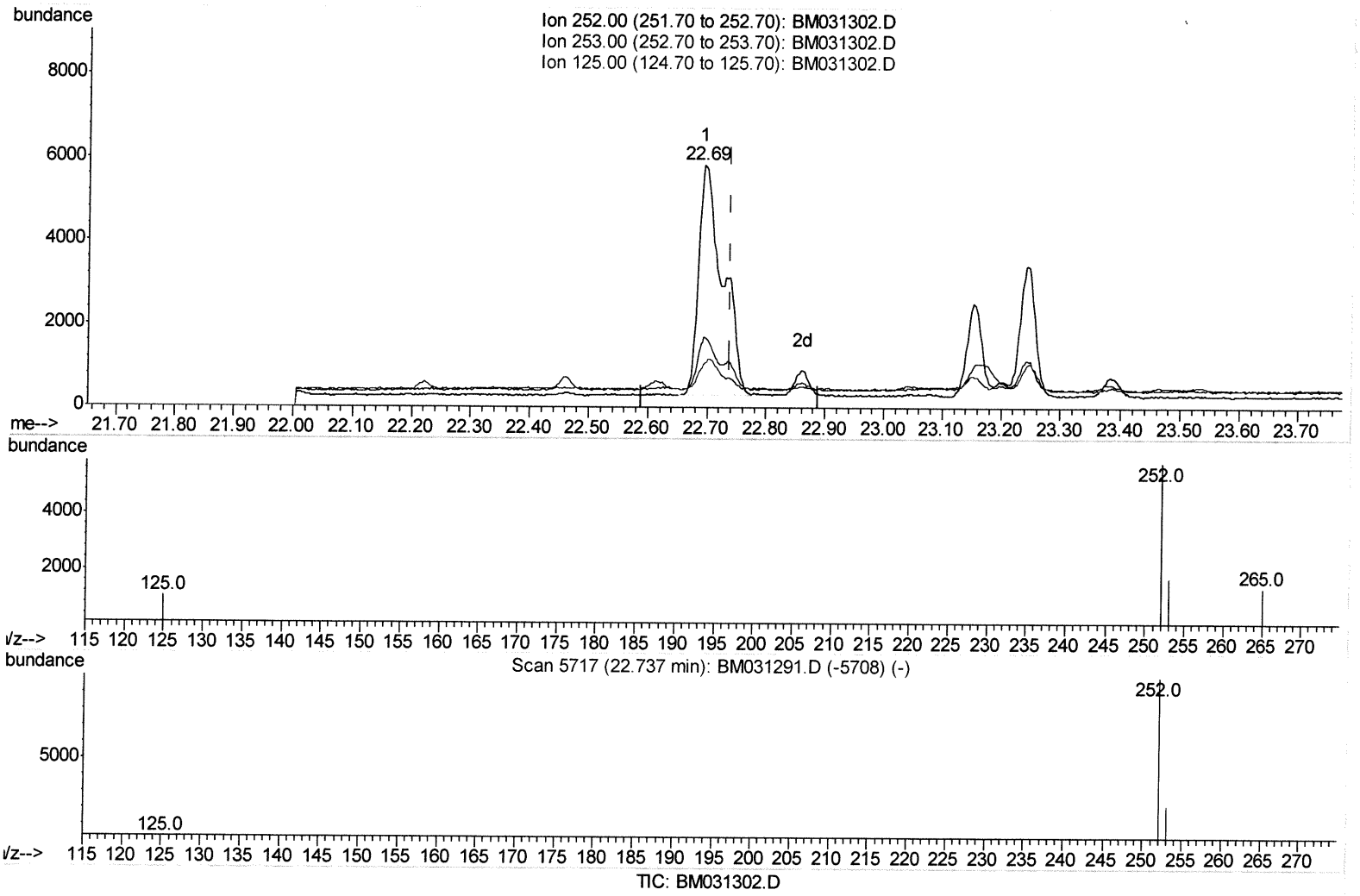
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.31
125.00	11.40	17.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031302.D
Acq On : 31 Jul 2021 08:22
Operator : CG/JU
Sample : M3106-02
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Aug 02 01:24:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD11

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:05 PM



(25) Benzo(k)fluoranthene

22.694min (-0.046) 0.60ng/ul

response 15700

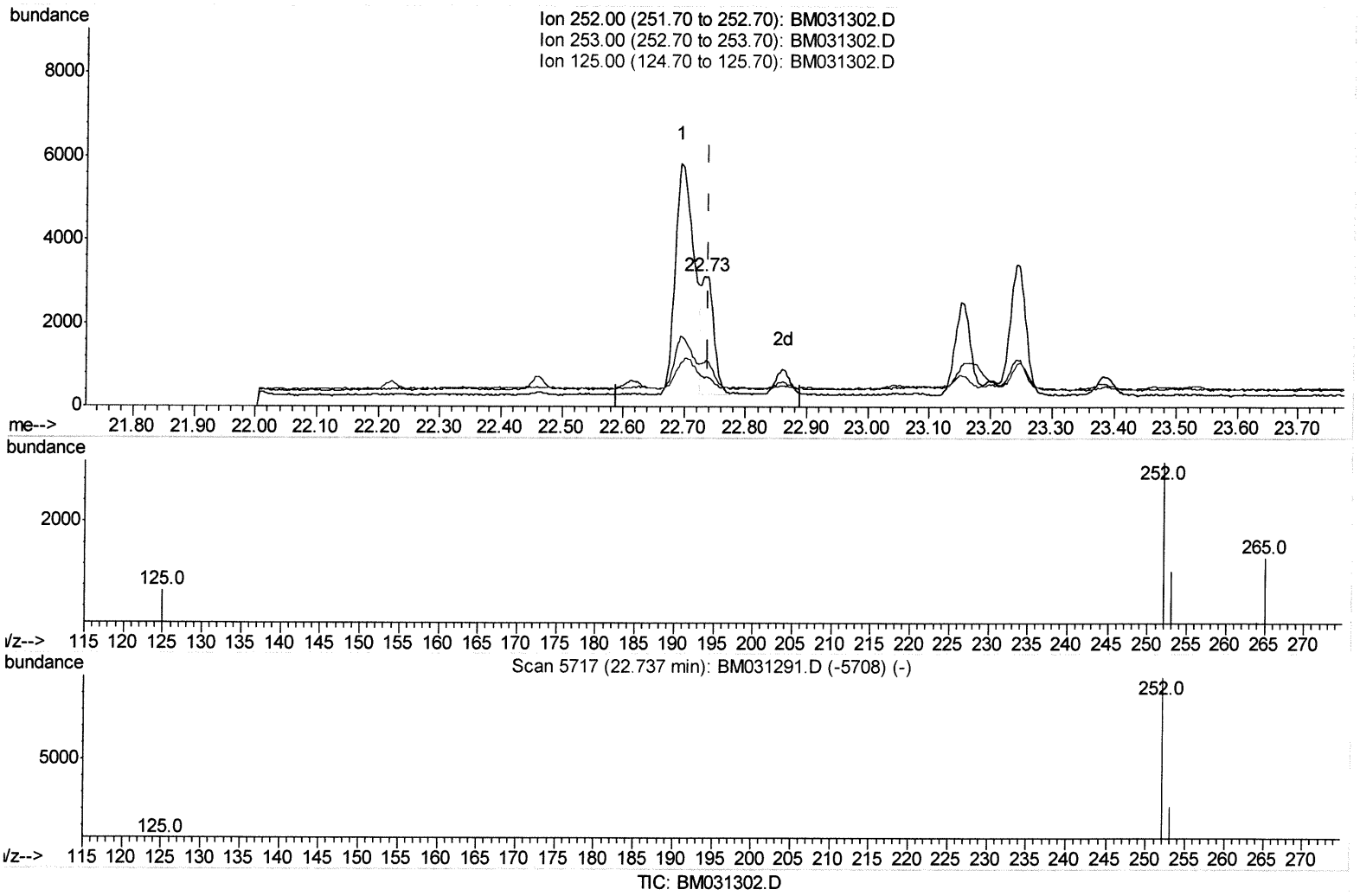
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.31
125.00	11.00	17.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031302.D
Acq On : 31 Jul 2021 08:22
Operator : CG/JU
Sample : M3106-02
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Aug 02 01:24:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD11

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:05 PM



(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.16ng/ul m

response 4304

JY 8/3/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.08#
125.00	11.00	22.26#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031302.D
Acq On : 31 Jul 2021 08:22
Operator : CG/JU
Sample : M3106-02
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD11

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:05 PM

Quant Time: Aug 02 01:25:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1662	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6197	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3656	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7181	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	5724	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5647	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	2942	1.59	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1583	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3089	0.16	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.03	178	9099	0.399	ng/ul	98
16) Anthracene	17.12	178	994	0.047	ng/ul#	80
19) Fluoranthene	19.05	202	20149	0.824	ng/ul	96
20) Pyrene	19.41	202	15466	0.624	ng/ul#	95
21) Benzo(a)anthracene	21.16	228	7009	0.303	ng/ul	97
22) Chrysene	21.21	228	9218	0.385	ng/ul	97
24) Benzo(b)fluoranthene	22.69	252	11434m	0.449	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	4304m	0.164	ng/ul	
26) Benzo(a)pyrene	23.24	252	5701	0.256	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.48	276	4710	0.164	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.49	278	1267	0.055	ng/ul#	38
29) Benzo(g,h,i)perylene	26.13	276	544	0.022	ng/ul#	27

8/3/21

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