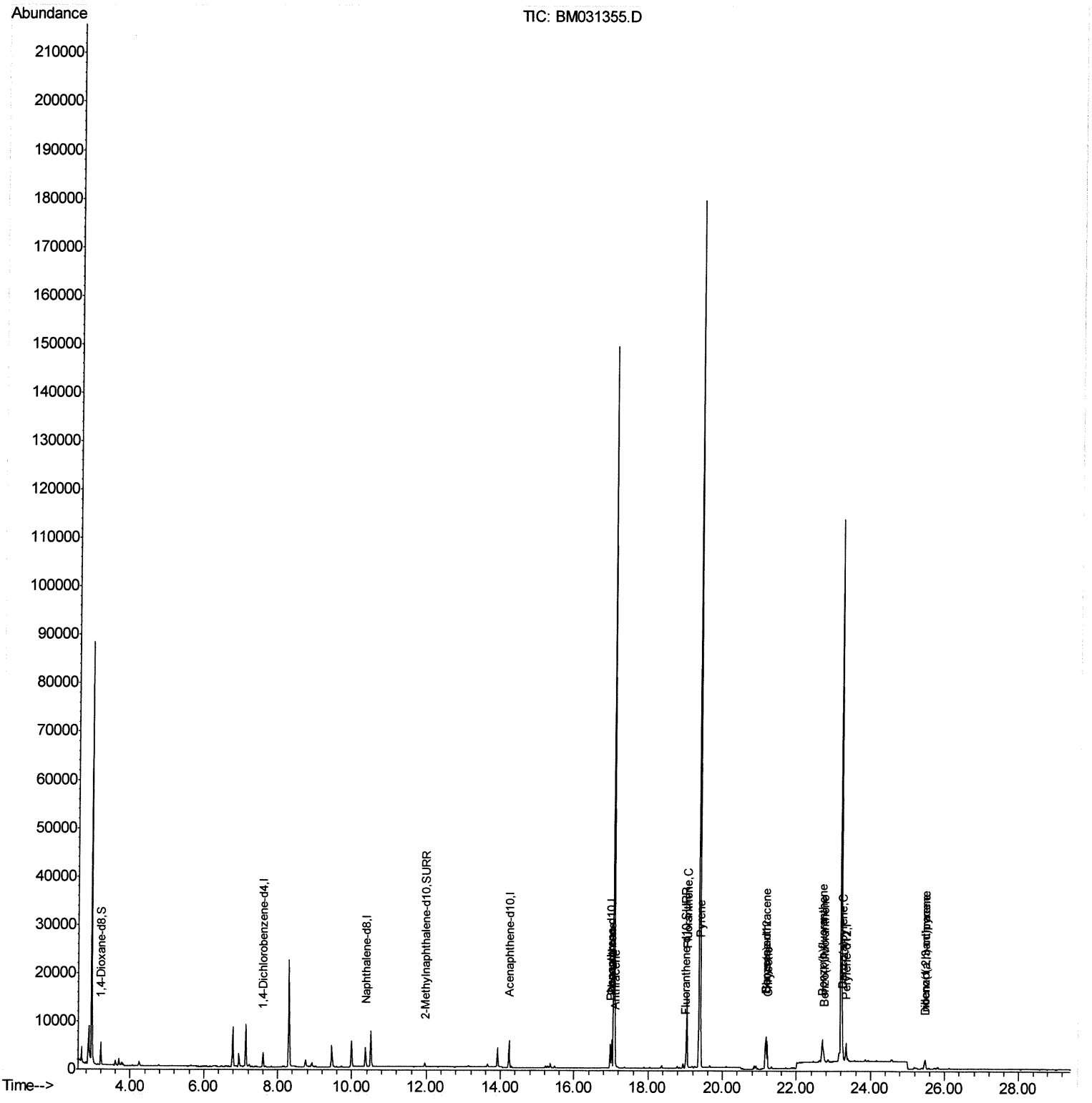
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031355.D
Acq On : 01 Aug 2021 18:36
Operator : CG/JU
Sample : M3107-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 02 05:48:35 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 :
BGD10

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:33 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031355.D
Acq On : 01 Aug 2021 18:36
Operator : CG/JU
Sample : M3107-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 02 01:17:44 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 :
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Manual Integrations APPROVED
mohammad
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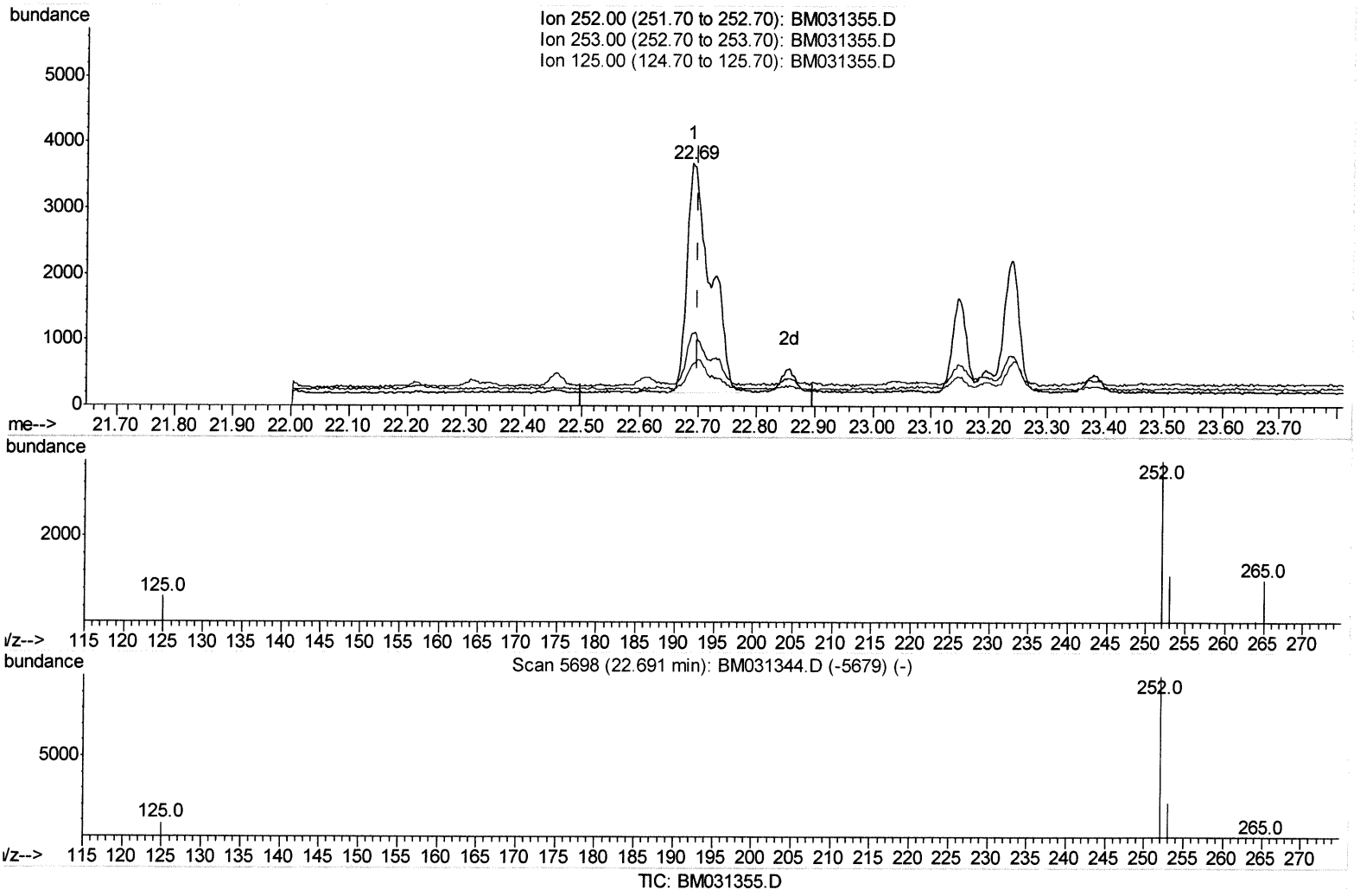

(24) Benzo(b)fluoranthene

22.689min (-0.009) 0.49ng/ul

response 10004

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.19
125.00	11.40	17.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031355.D
Acq On : 01 Aug 2021 18:36
Operator : CG/JU
Sample : M3107-02
Misc :
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Quant Time: Aug 02 01:17:44 2021
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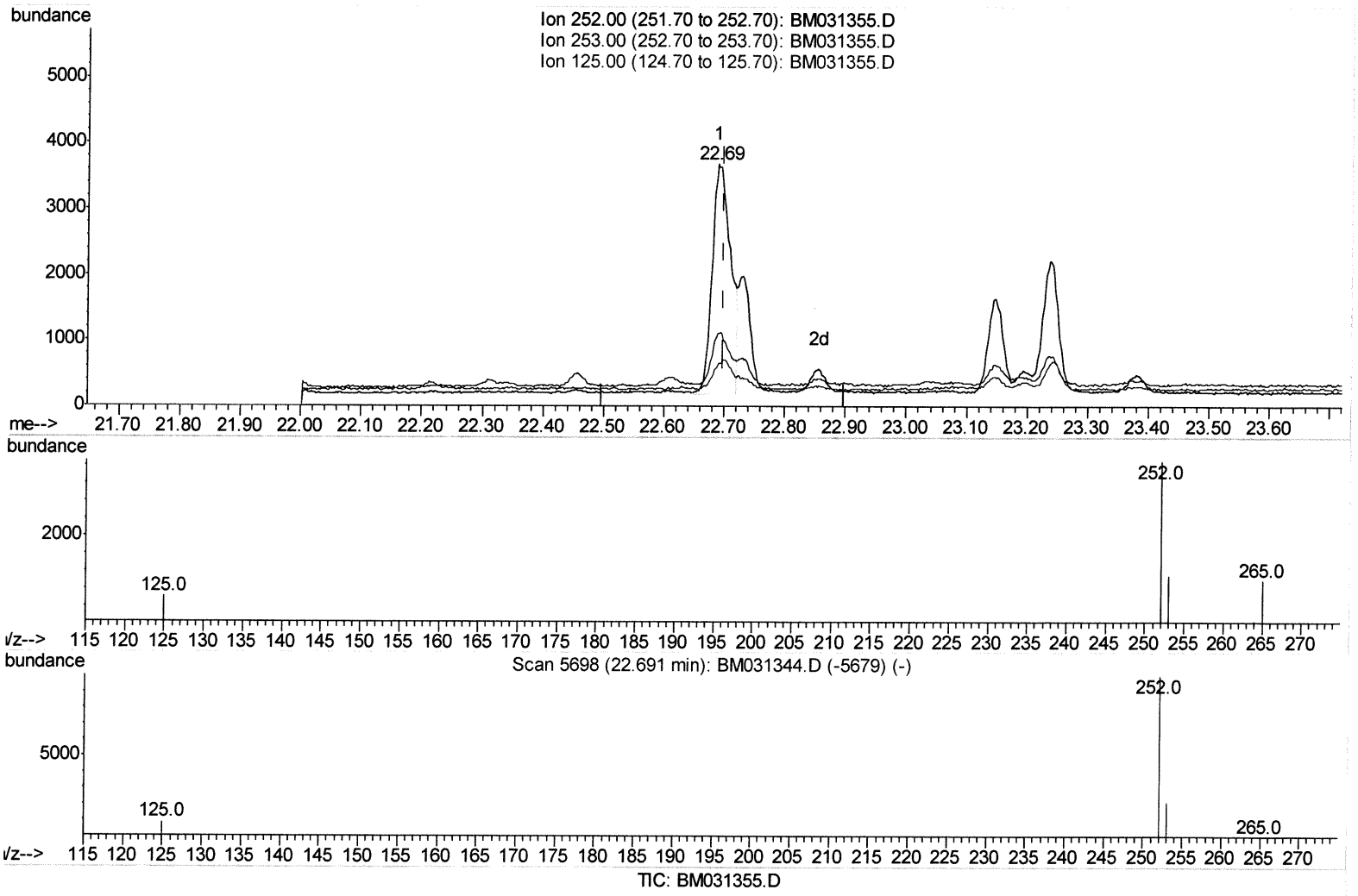
BNA_M
ClientSampleId :
BGD10

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:33 PM



(24) Benzo(b)fluoranthene

22.689min (-0.009) 0.37ng/ul m JU 8/3/21

response 7488

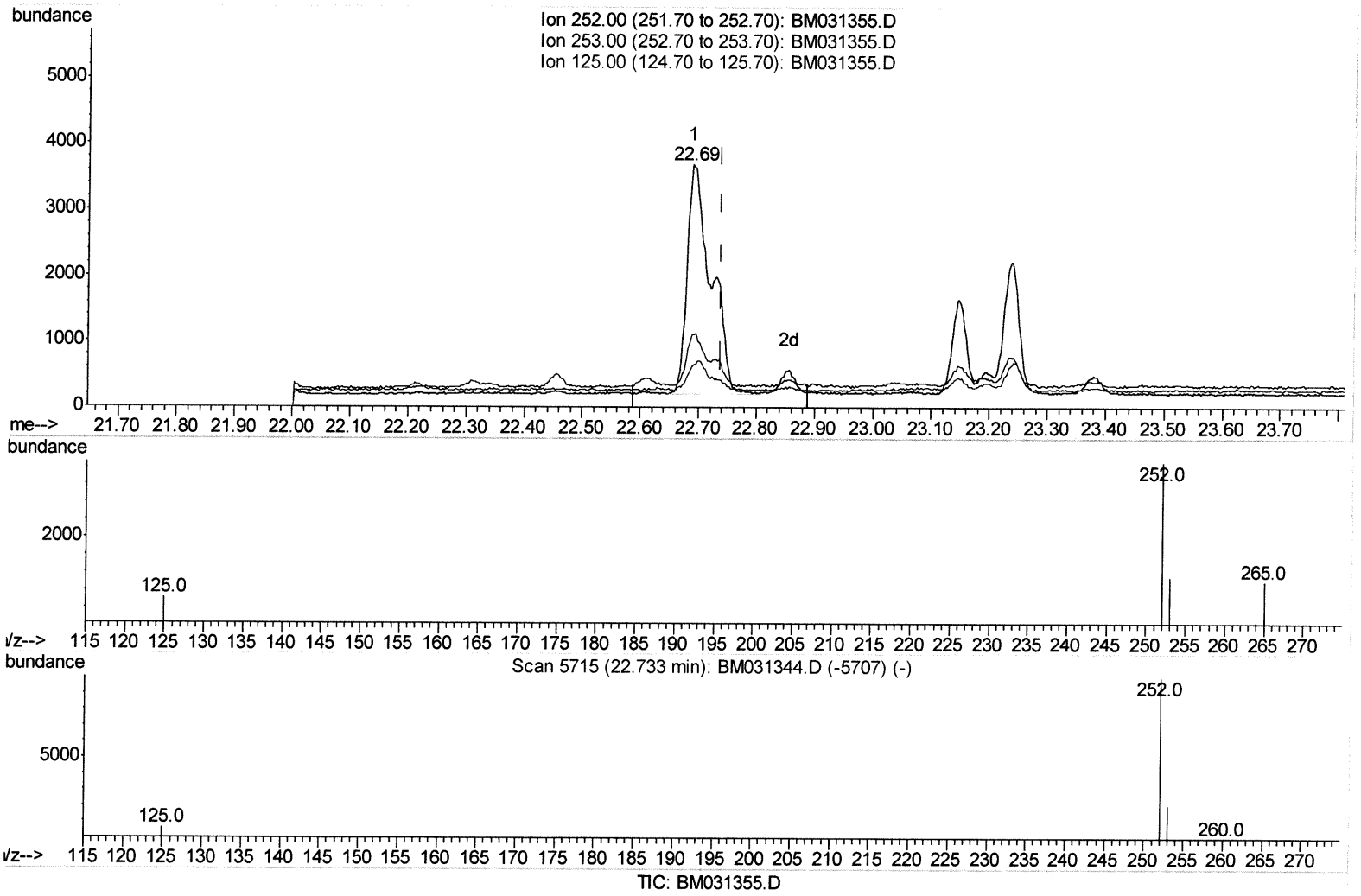
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.19
125.00	11.40	17.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031355.D
Acq On : 01 Aug 2021 18:36
Operator : CG/JU
Sample : M3107-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 02 05:46:49 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 :
BGD10

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:33 PM



TIC: BM031355.D

(25) Benzo(k)fluoranthene

22.689min (-0.050) 0.47ng/ul

response 10004

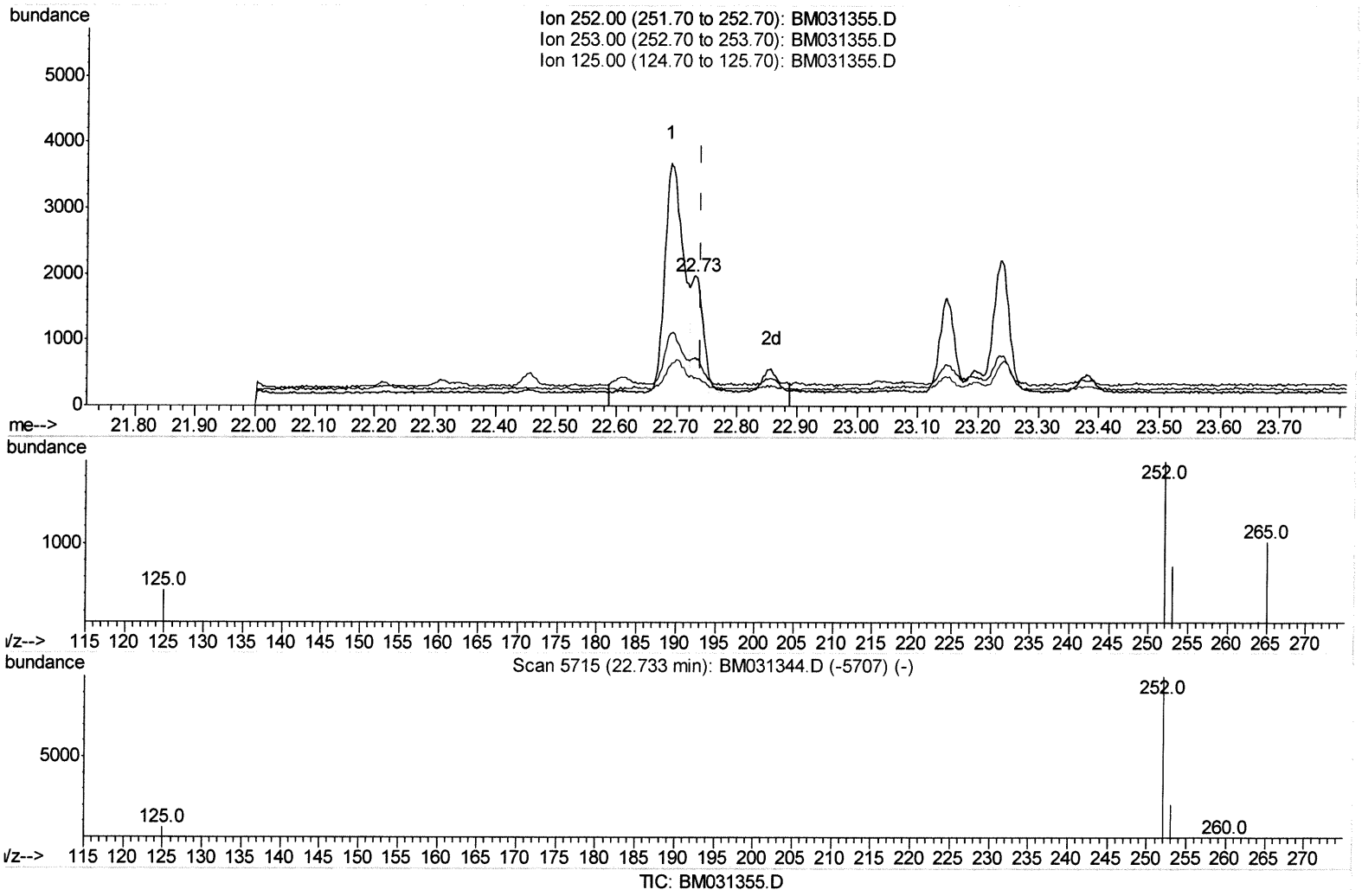
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.19
125.00	11.00	17.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031355.D
Acq On : 01 Aug 2021 18:36
Operator : CG/JU
Sample : M3107-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 02 05:46:49 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 :
BGD10

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:33 PM



(25) Benzo(k)fluoranthene

22.730min (-0.009) 0.12ng/ul m JU 8/3/21

response 2557

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	37.23#
125.00	11.00	22.26#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031355.D
Acq On : 01 Aug 2021 18:36
Operator : CG/JU
Sample : M3107-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD10

Manual Integrations APPROVED
mohammad
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Quant Time: Aug 02 05:48:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1431	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.37	136	5370	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3129	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.98	188	5948	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	4512	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4534	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	2998	1.89	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1070	0.12	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	2051	0.14	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.02	178	6123	0.324	ng/ul	100
16) Anthracene	17.11	178	732	0.041	ng/ul#	80
19) Fluoranthene	19.04	202	13386	0.695	ng/ul	98
20) Pyrene	19.41	202	10672	0.546	ng/ul	96
21) Benzo(a)anthracene	21.16	228	4100	0.225	ng/ul	96
22) Chrysene	21.21	228	5769	0.306	ng/ul	97
24) Benzo(b)fluoranthene	22.69	252	7488m	0.367	ng/ul	JU 8/3/21
25) Benzo(k)fluoranthene	22.73	252	2557m	0.121	ng/ul	
26) Benzo(a)pyrene	23.24	252	3598	0.201	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.48	276	3089	0.134	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.49	278	797	0.043	ng/ul#	36

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