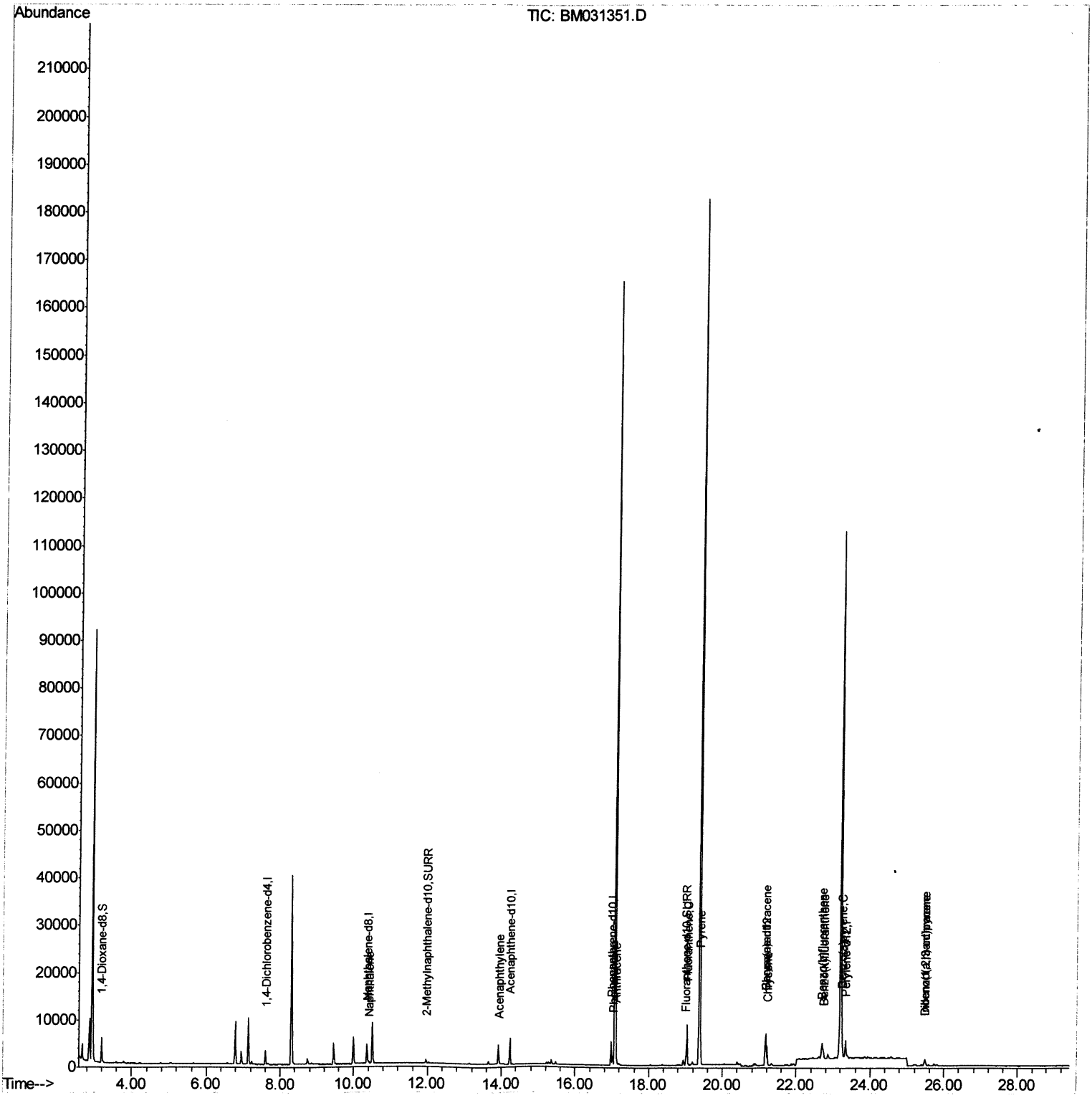
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031351.D
Acq On : 01 Aug 2021 16:10
Operator : CG/JU
Sample : M3107-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 02 05:32:36 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 :
BGD17

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:22 PM

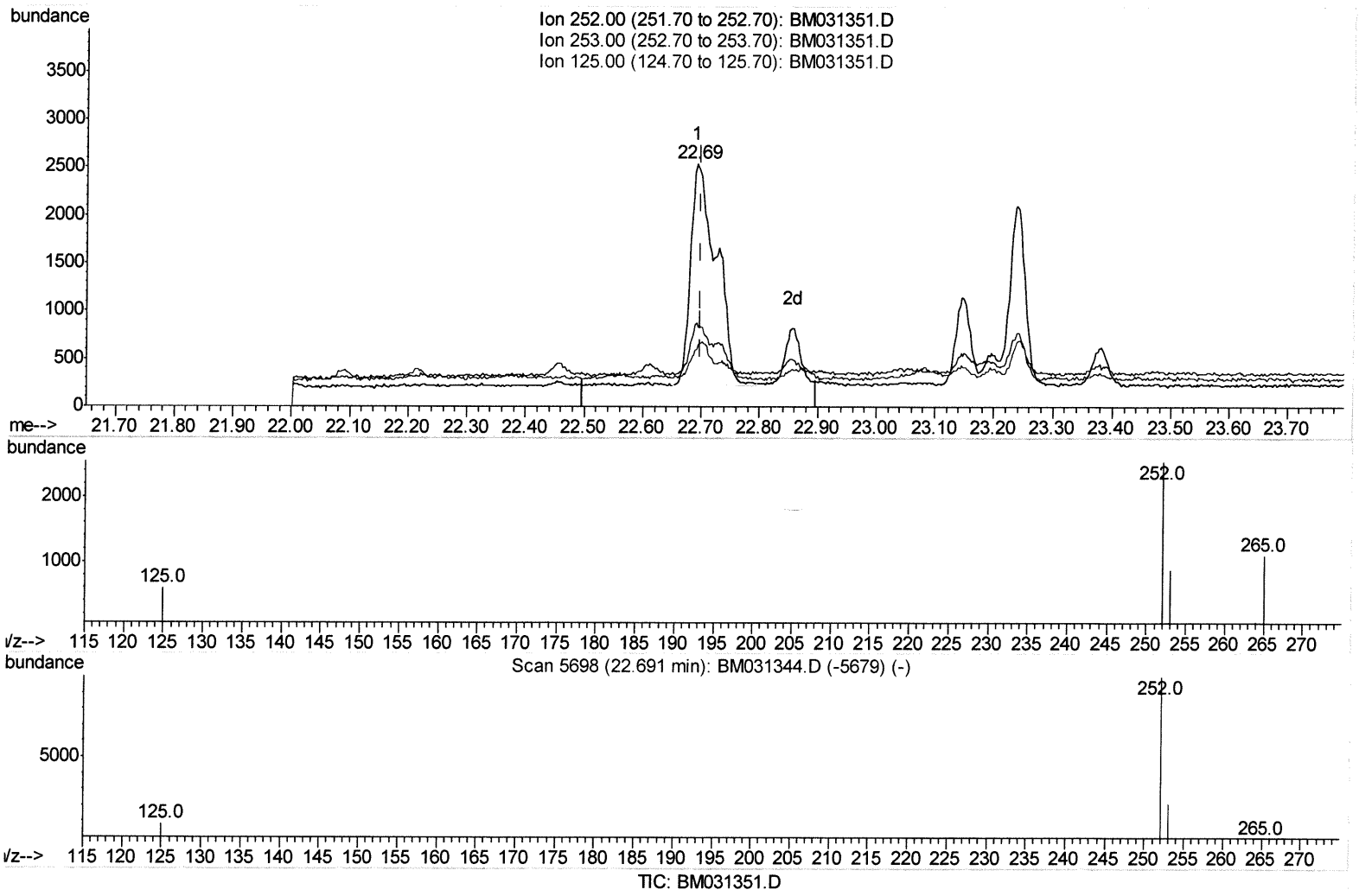


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031351.D
Acq On : 01 Aug 2021 16:10
Operator : CG/JU
Sample : M3107-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 02 01:17:15 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 :
BGD17

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:22 PM



(24) Benzo(b)fluoranthene

22.692min (-0.007) 0.36ng/ul

response 7097

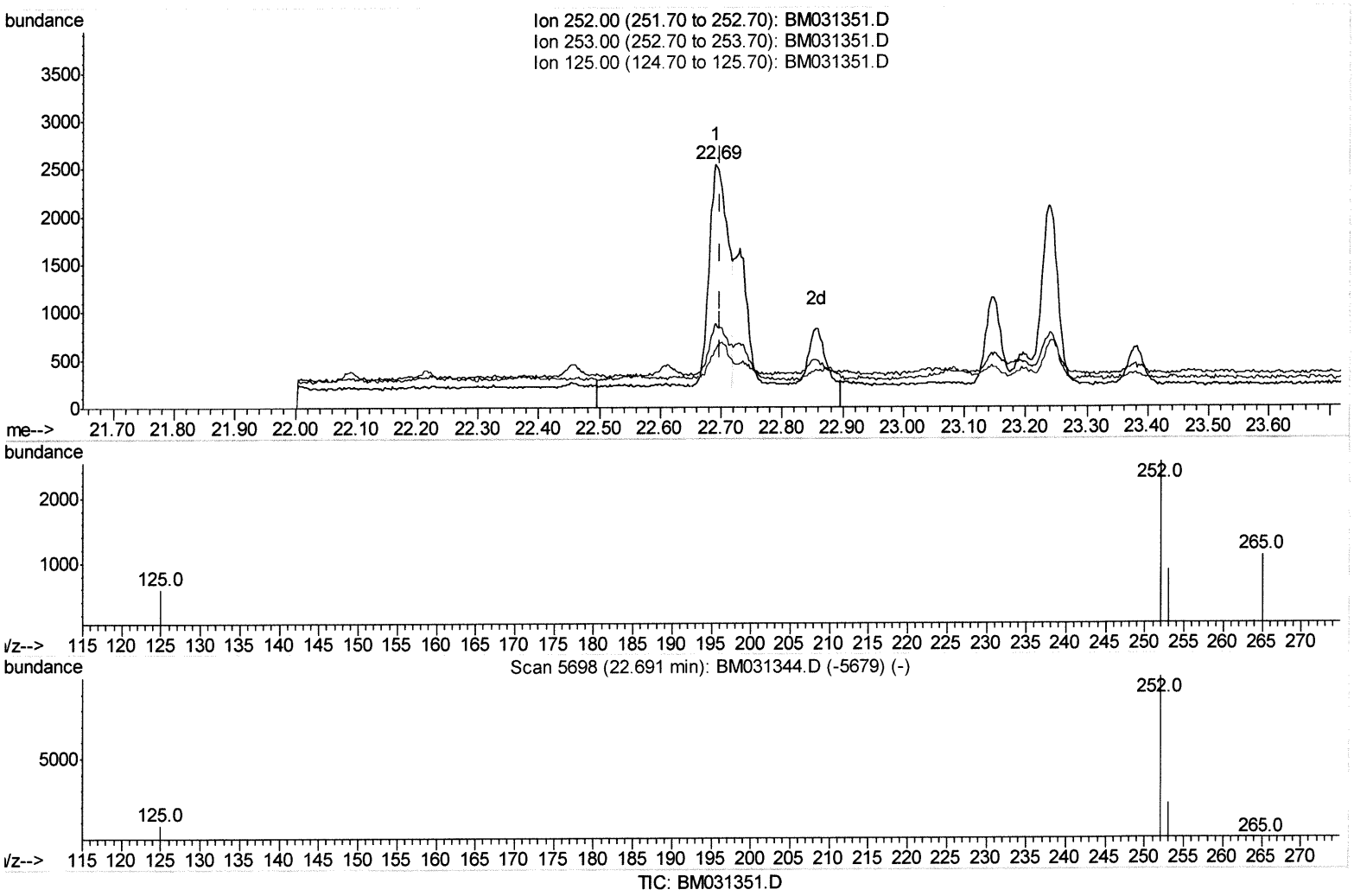
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.34
125.00	11.40	23.51#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031351.D
Acq On : 01 Aug 2021 16:10
Operator : CG/JU
Sample : M3107-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 02 01:17:15 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 :
BGD17

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:22 PM



(24) Benzo(b)fluoranthene

22.692min (-0.007) 0.25ng/ul m

response 5003

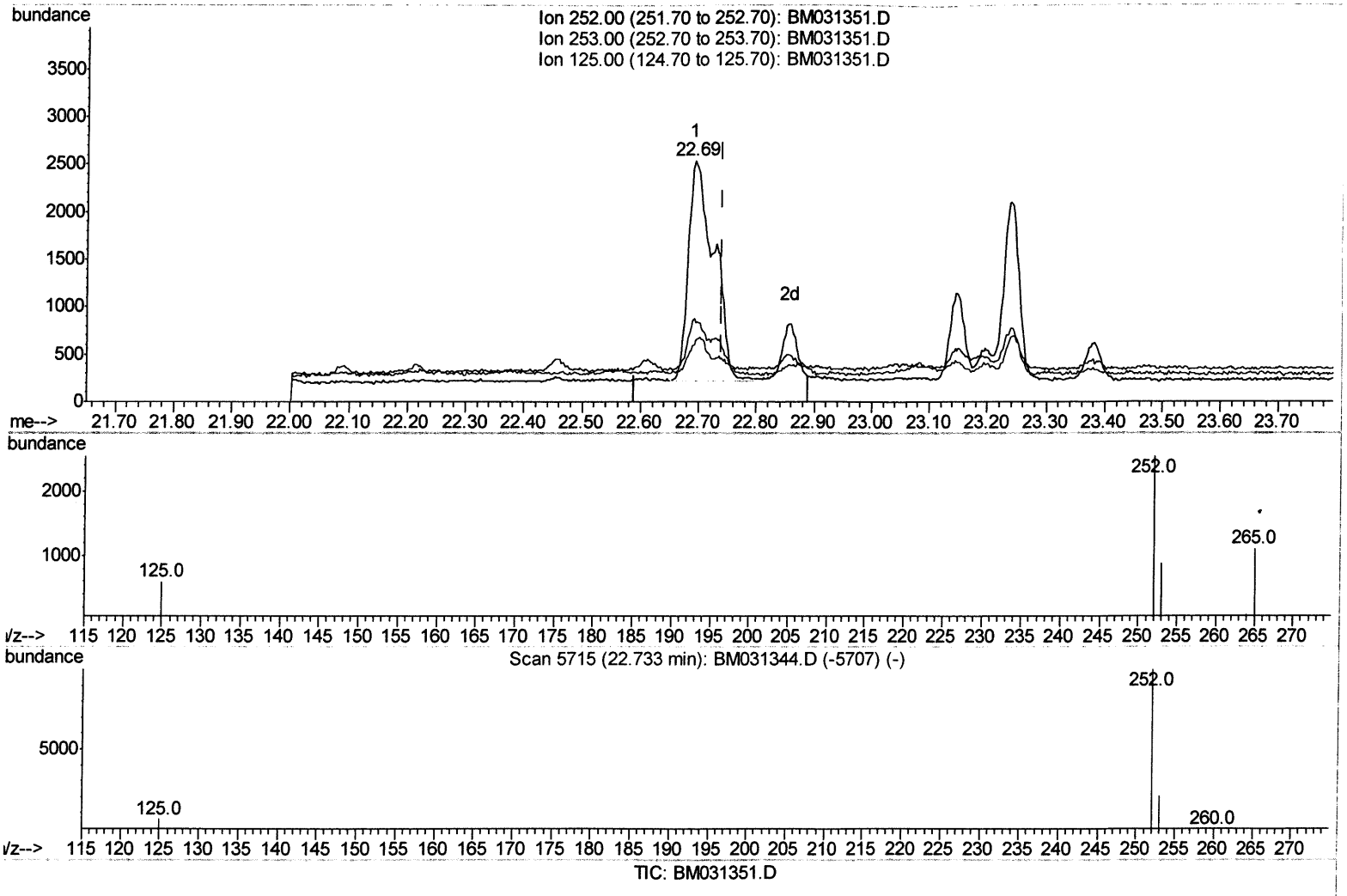
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.34
125.00	11.40	23.51#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031351.D
Acq On : 01 Aug 2021 16:10
Operator : CG/JU
Sample : M3107-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 02 05:31:41 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 :
BGD17

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:22 PM



TIC: BM031351.D

(25) Benzo(k)fluoranthene

22.692min (-0.048) 0.34ng/ul

response 7097

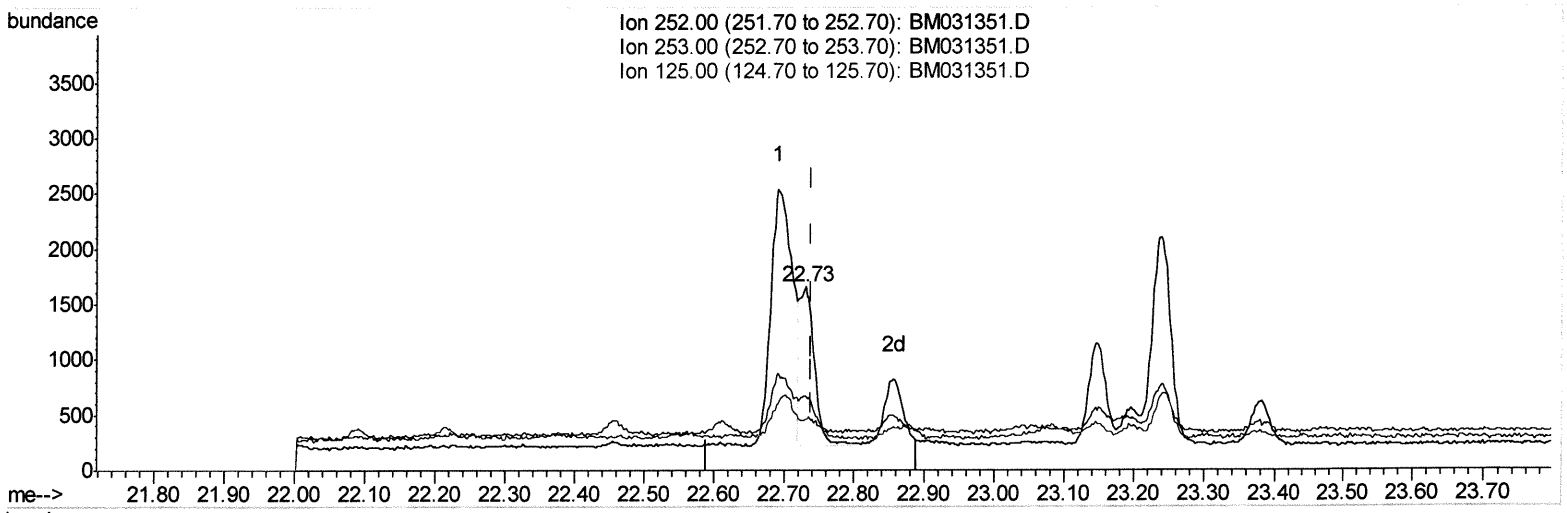
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.34#
125.00	11.00	23.51#
0.00	0.00	0.00

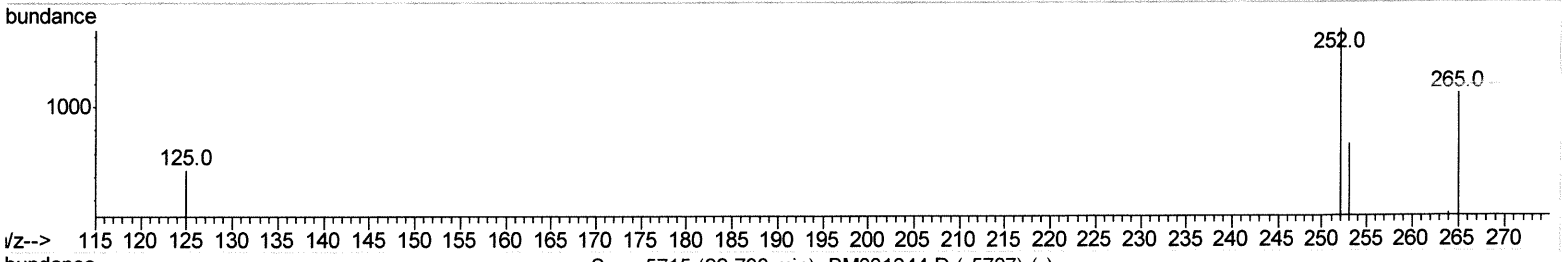
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031351.D
Acq On : 01 Aug 2021 16:10
Operator : CG/JU
Sample : M3107-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

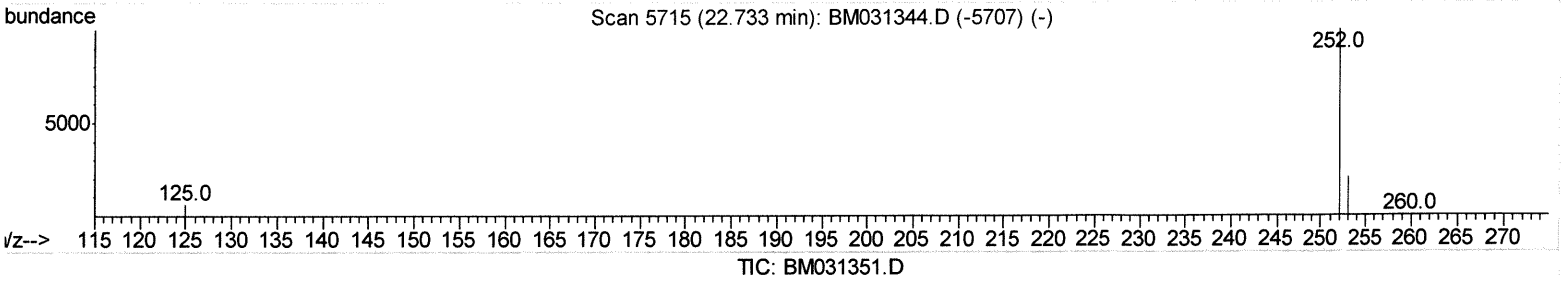
Quant Time: Aug 02 05:31:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD17

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:22 PM







TIC: BM031351.D

(25) Benzo(k)fluoranthene

22.730min (-0.009) 0.11ng/ul m JU 8/3/21

response 2174

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.29#
125.00	11.00	27.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031351.D
Acq On : 01 Aug 2021 16:10
Operator : CG/JU
Sample : M3107-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD17

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:22 PM

Quant Time: Aug 02 05:32:36 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1437	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	5416	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3149	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.98	188	6015	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	4519	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4426	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3316	2.08	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1110	0.12	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	2106	0.14	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	670	0.042	ng/ul#	80
10) Acenaphthylene	13.95	152	407	0.030	ng/ul#	65
15) Phenanthrene	17.02	178	1993	0.104	ng/ul	96
16) Anthracene	17.11	178	1345	0.075	ng/ul#	90
19) Fluoranthene	19.04	202	7338	0.380	ng/ul#	96
20) Pyrene	19.41	202	6856	0.350	ng/ul#	95
21) Benzo(a)anthracene	21.16	228	4358	0.239	ng/ul#	91
22) Chrysene	21.21	228	3938	0.209	ng/ul	96
24) Benzo(b)fluoranthene	22.69	252	5003m	0.251	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	2174m	0.106	ng/ul	
26) Benzo(a)pyrene	23.24	252	3458	0.198	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.48	276	2033	0.090	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.49	278	592	0.033	ng/ul#	16

JU 8/3/21

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