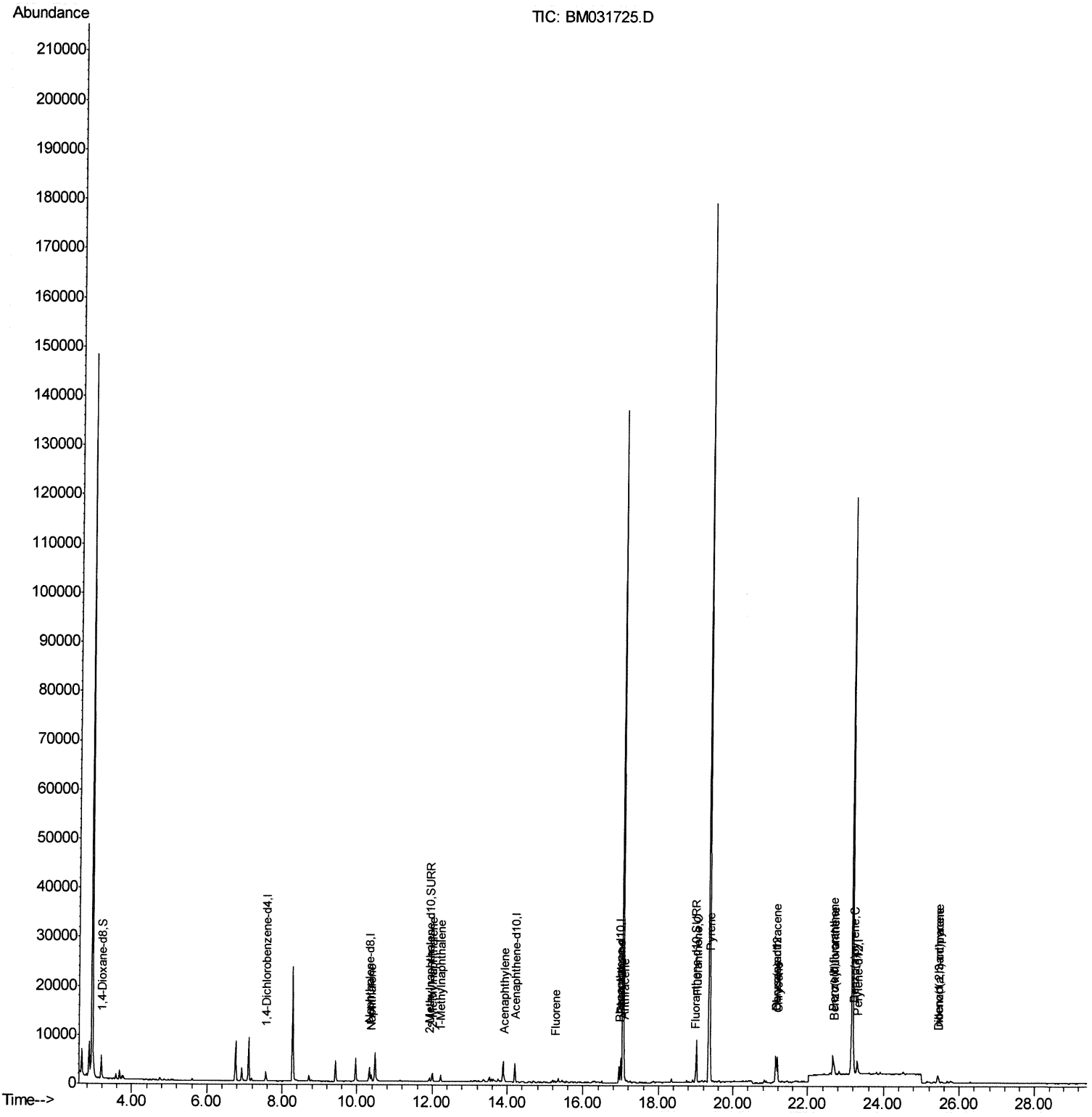
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031725.D
Acq On : 13 Aug 2021 21:29
Operator : CG/JU
Sample : M3208-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 14 01:36:50 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F1

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:36 AM

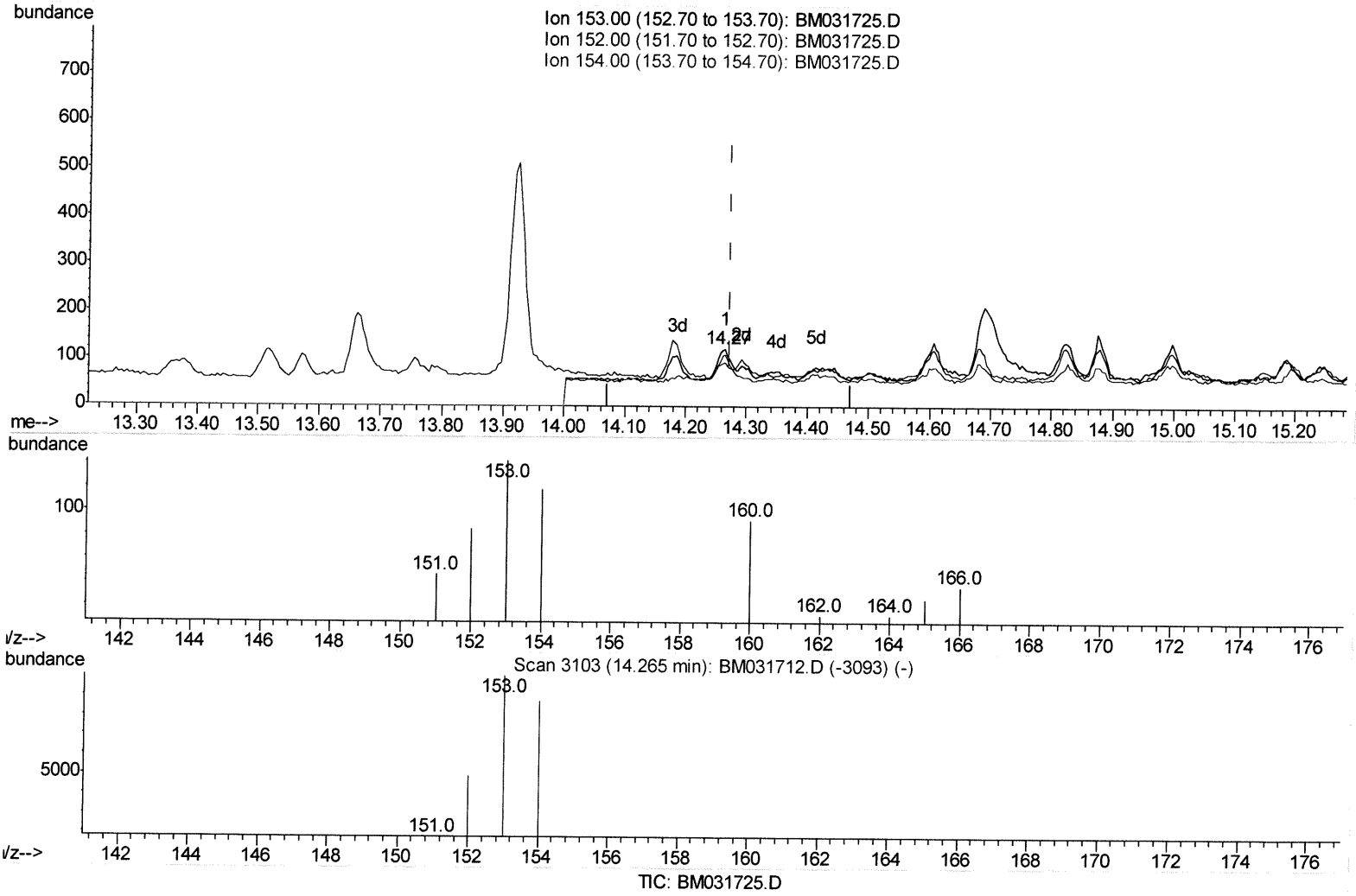


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031725.D
Acq On : 13 Aug 2021 21:29
Operator : CG/JU
Sample : M3208-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 14 00:51:20 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F1

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:36 AM



(11) Acenaphthene (C)

14.265min (-0.007) 0.01ng/ul

response 107

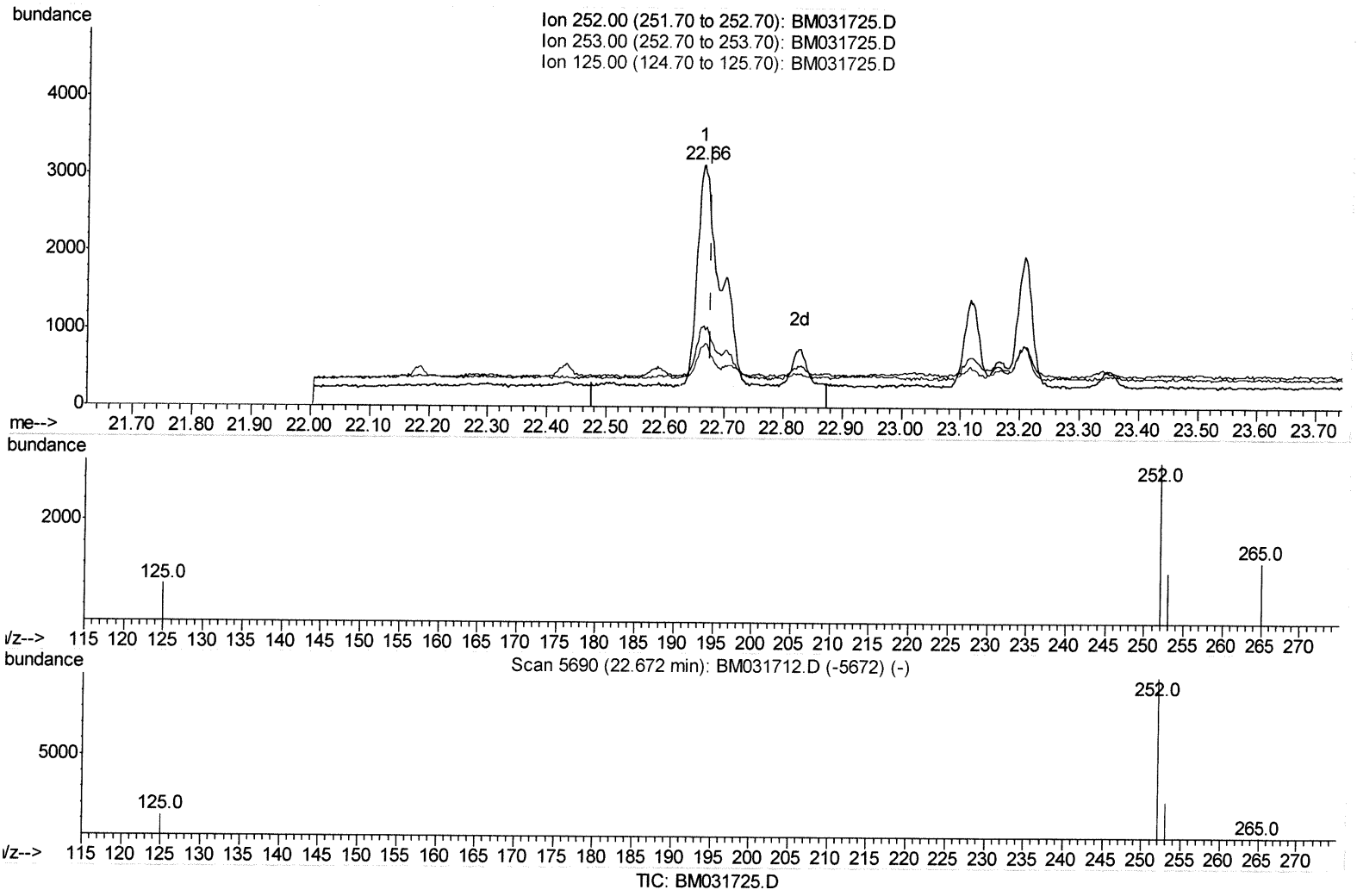
Ion	Exp%	Act%
153.00	100	100
152.00	50.90	76.03#
154.00	87.70	90.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031725.D
Acq On : 13 Aug 2021 21:29
Operator : CG/JU
Sample : M3208-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 14 01:34:27 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F1

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:36 AM



(24) Benzo(b)fluoranthene

22.665min (-0.012) 0.51ng/ul

response 7805

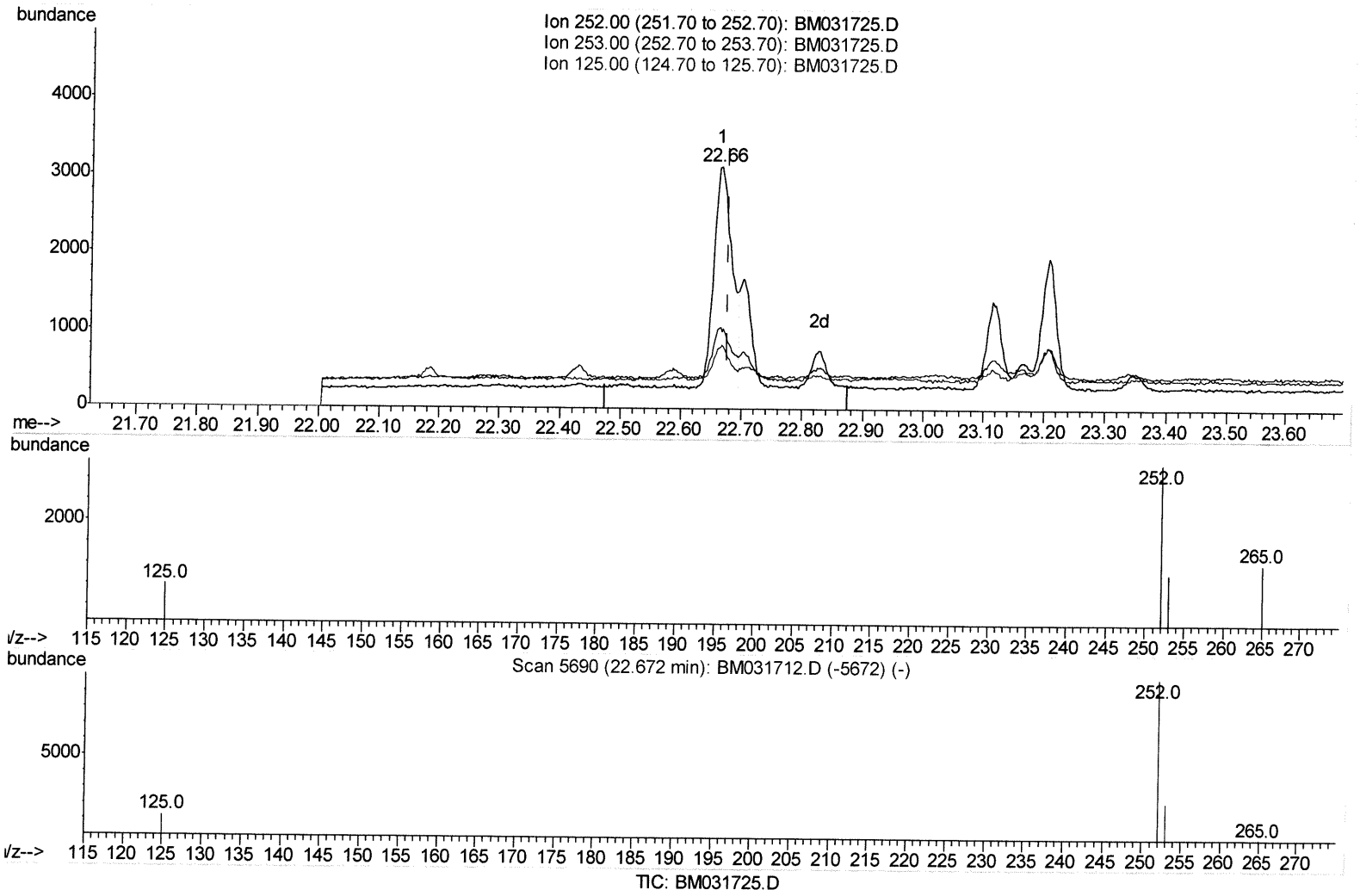
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	33.66
125.00	11.40	25.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031725.D
Acq On : 13 Aug 2021 21:29
Operator : CG/JU
Sample : M3208-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 14 01:34:27 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F1

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:36 AM



TIC: BM031725.D

(24) Benzo(b)fluoranthene

22.665min (-0.012) 0.39ng/ul m

response 5991

JC 8/16/21

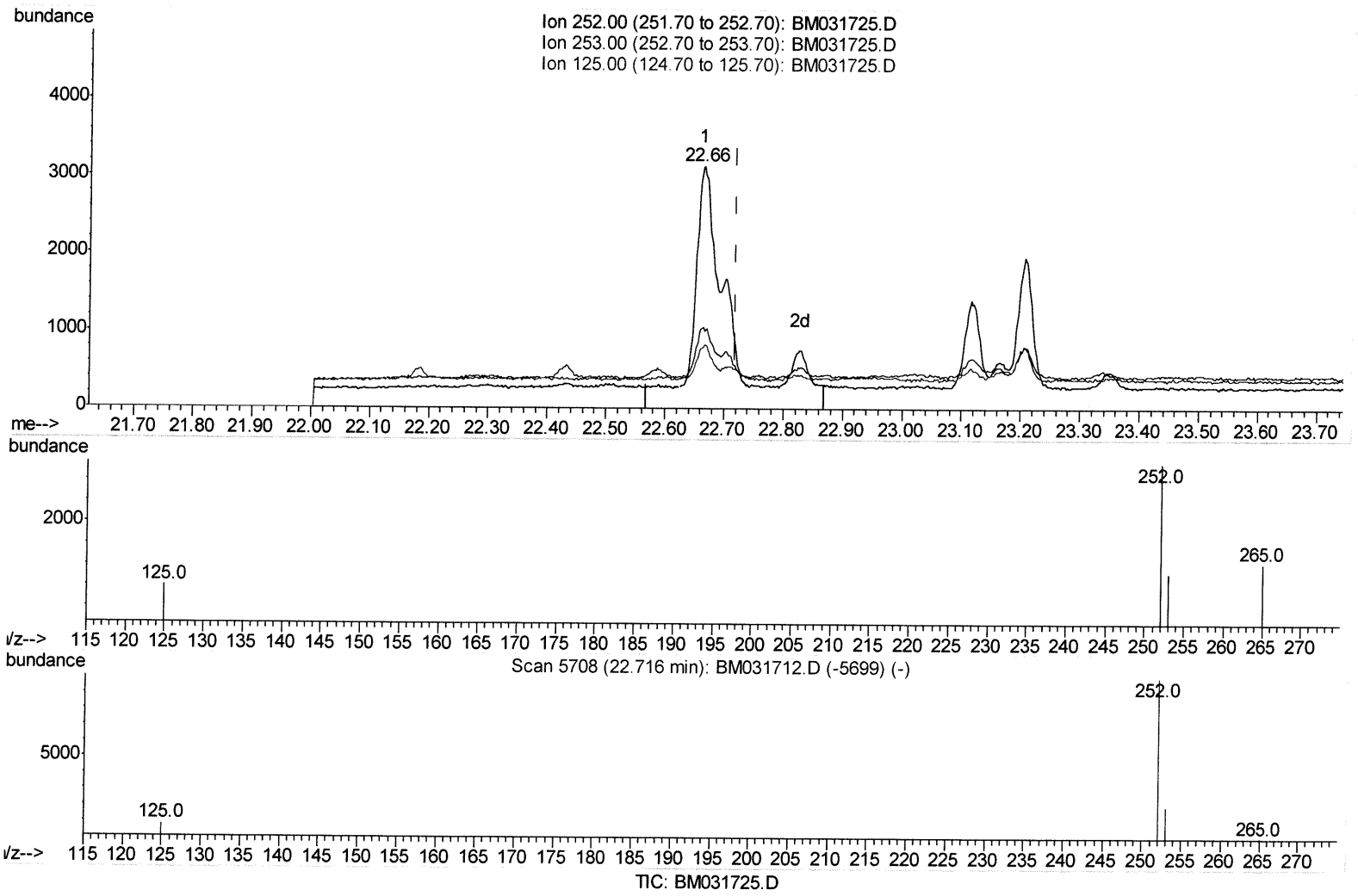
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	33.66
125.00	11.40	25.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031725.D
Acq On : 13 Aug 2021 21:29
Operator : CG/JU
Sample : M3208-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 14 01:35:27 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F1

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:36 AM



(25) Benzo(k)fluoranthene

22.665min (-0.055) 0.49ng/ul

response 7805

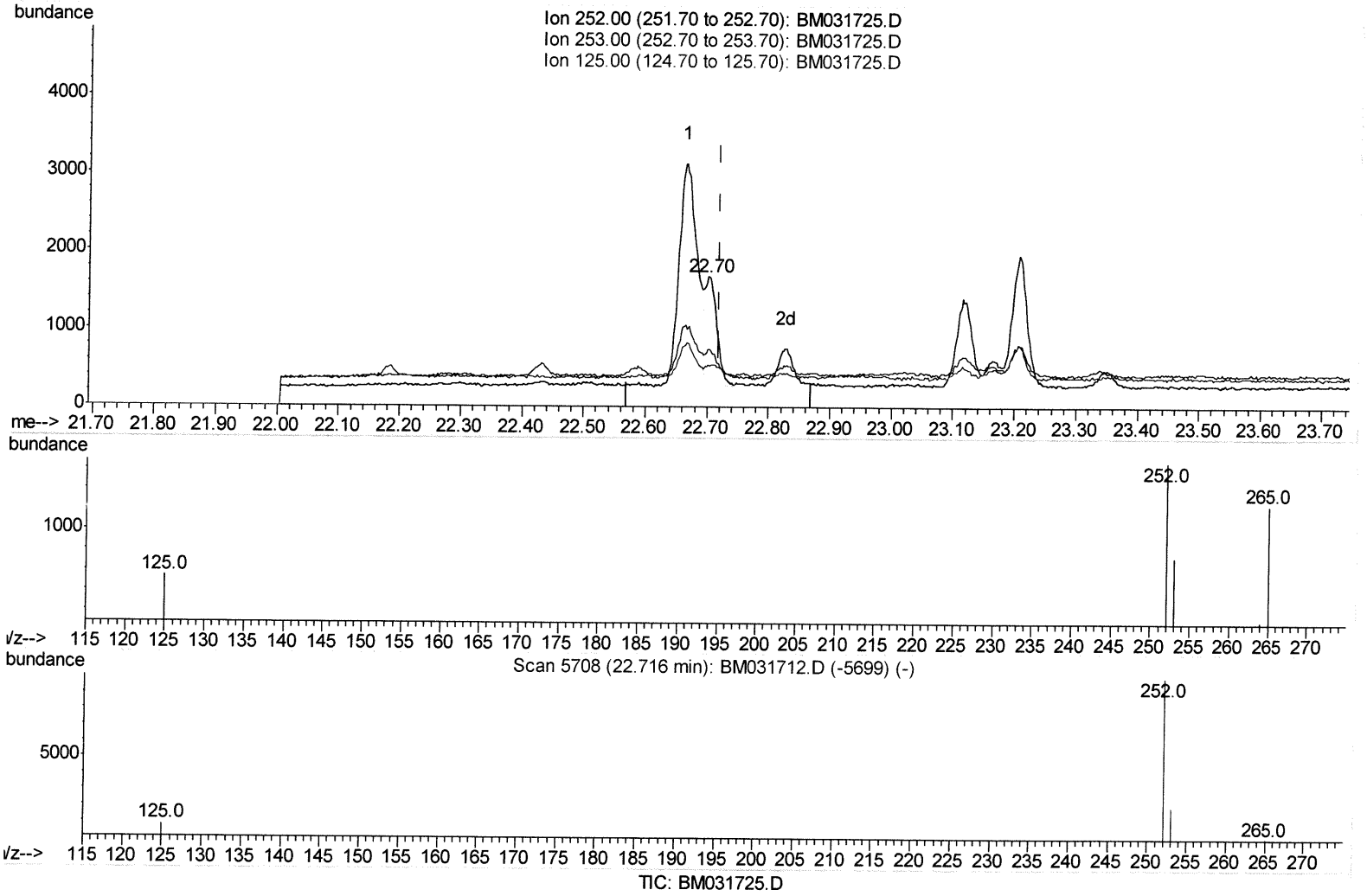
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	33.66#
125.00	11.00	25.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031725.D
Acq On : 13 Aug 2021 21:29
Operator : CG/JU
Sample : M3208-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 14 01:35:27 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F1

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:36 AM



(25) Benzo(k)fluoranthene

22.701min (-0.019) 0.12ng/ul m

JG 8/16/21

response 1824

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	44.15#
125.00	11.00	32.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031725.D
Acq On : 13 Aug 2021 21:29
Operator : CG/JU
Sample : M3208-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00F1

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:36 AM

Quant Time: Aug 14 01:36:50 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 : Thu Aug 12 17:28:09 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	997	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	3726	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2136	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4001	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3349	0.40	ng/ul	0.00
23) Perylene-d12	23.30	264	3404	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3006	2.71	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1037	0.17	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	2120	0.19	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	1742	0.157	ng/ul#	91
7) 2-Methylnaphthalene	12.00	142	1391	0.183	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	866	0.116	ng/ul	99
10) Acenaphthylene	13.92	152	813	0.089	ng/ul#	85
12) Fluorene	15.26	166	189	0.021	ng/ul#	81
15) Phenanthrene	16.99	178	5199	0.409	ng/ul	98
16) Anthracene	17.09	178	847	0.071	ng/ul#	84
19) Fluoranthene	19.02	202	7504	0.525	ng/ul#	96
20) Pyrene	19.38	202	6610	0.456	ng/ul#	92
21) Benzo(a)anthracene	21.13	228	3840	0.284	ng/ul#	87
22) Chrysene	21.19	228	5213	0.373	ng/ul#	93
24) Benzo(b)fluoranthene	22.66	252	5991m	0.391	ng/ul	
25) Benzo(k)fluoranthene	22.70	252	1824m	0.115	ng/ul	
26) Benzo(a)pyrene	23.21	252	2817	0.210	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.44	276	2296	0.132	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.43	278	767	0.055	ng/ul#	9

JU 8/16/21

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