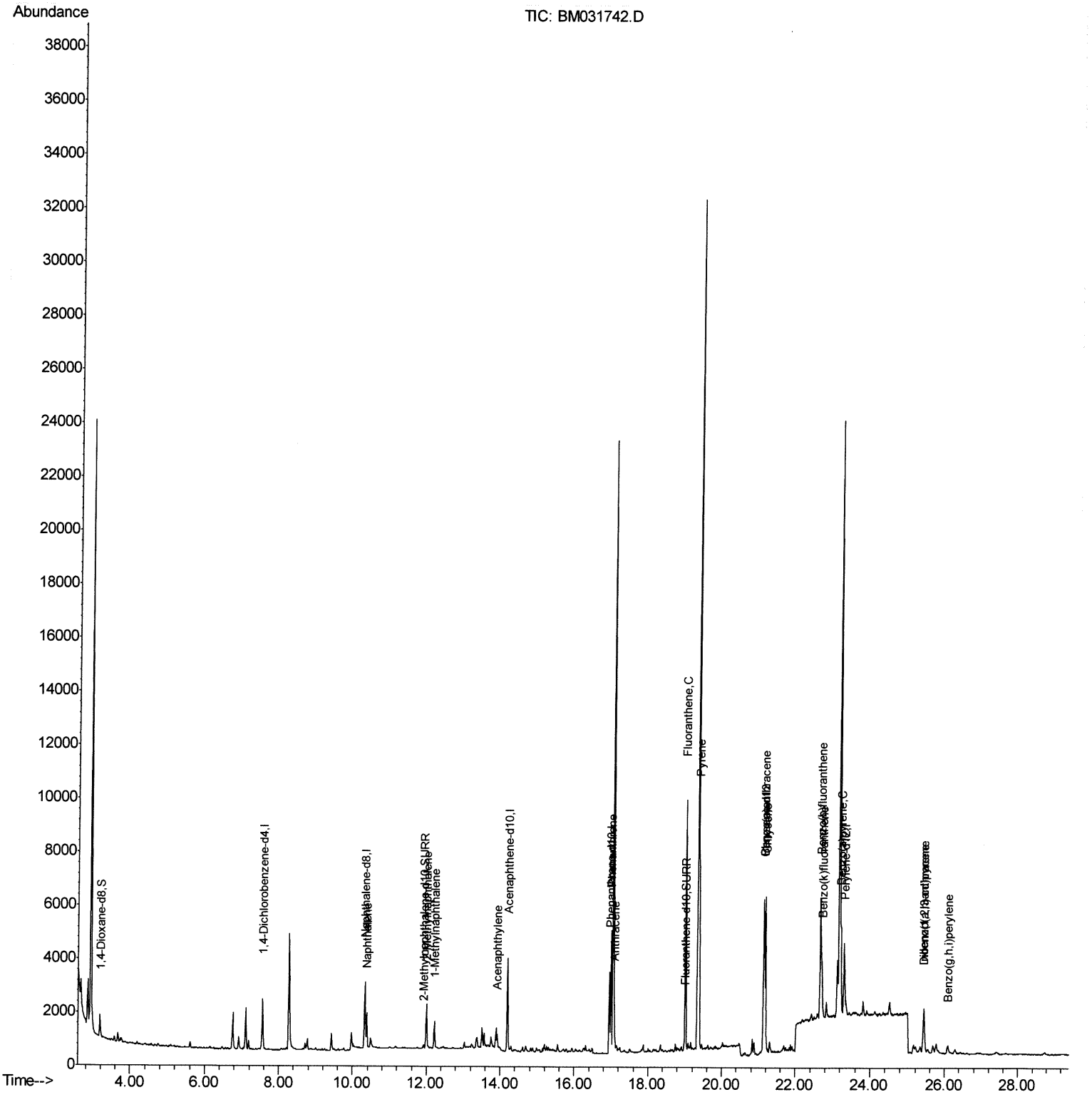
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031742.D
Acq On : 14 Aug 2021 11:04
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 14 11:36:39 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:15 AM

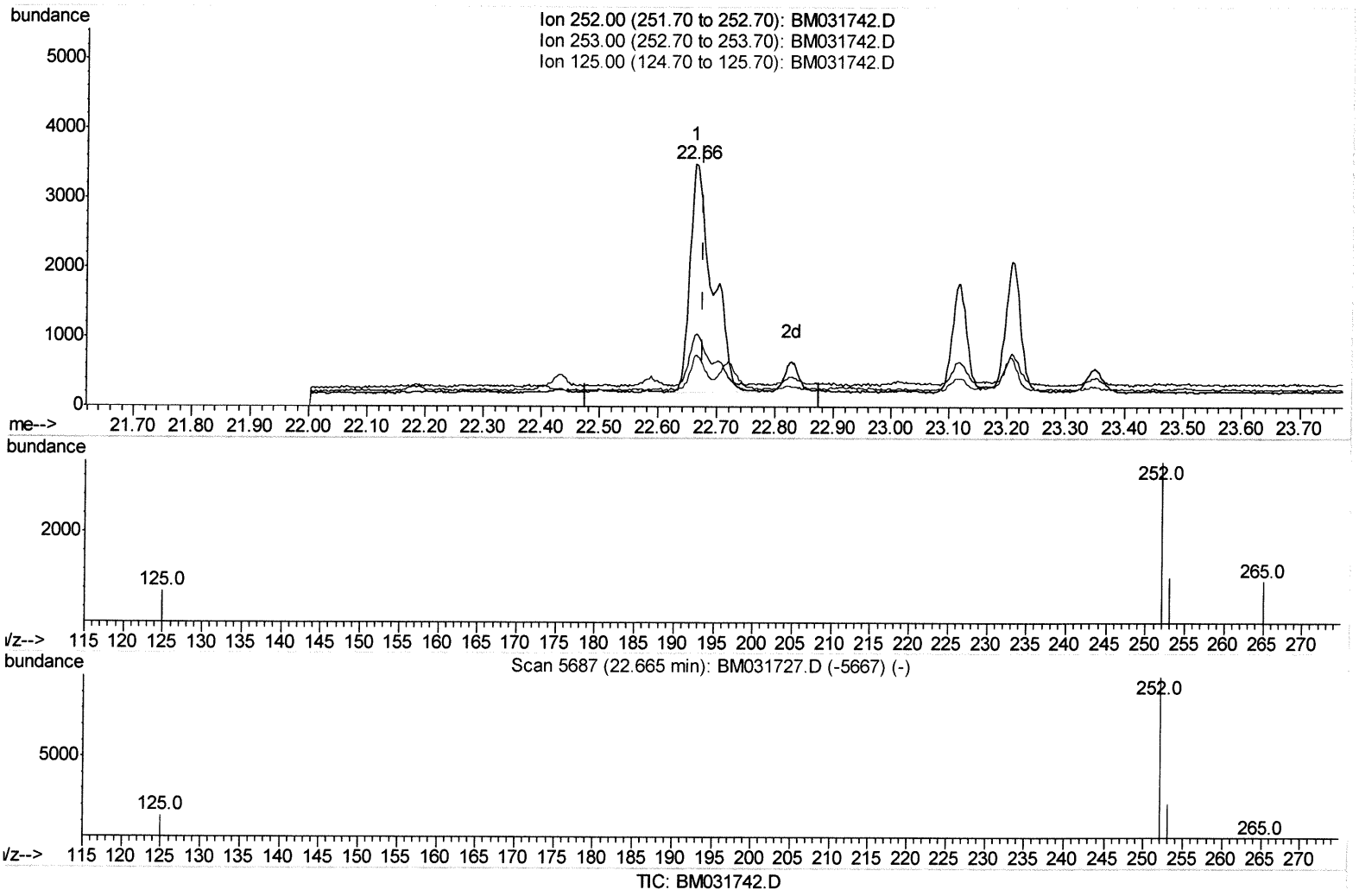


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031742.D
Acq On : 14 Aug 2021 11:04
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 14 11:34:58 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 :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:15 AM



(24) Benzo(b)fluoranthene

22.663min (-0.014) 0.59ng/ul

response 8815

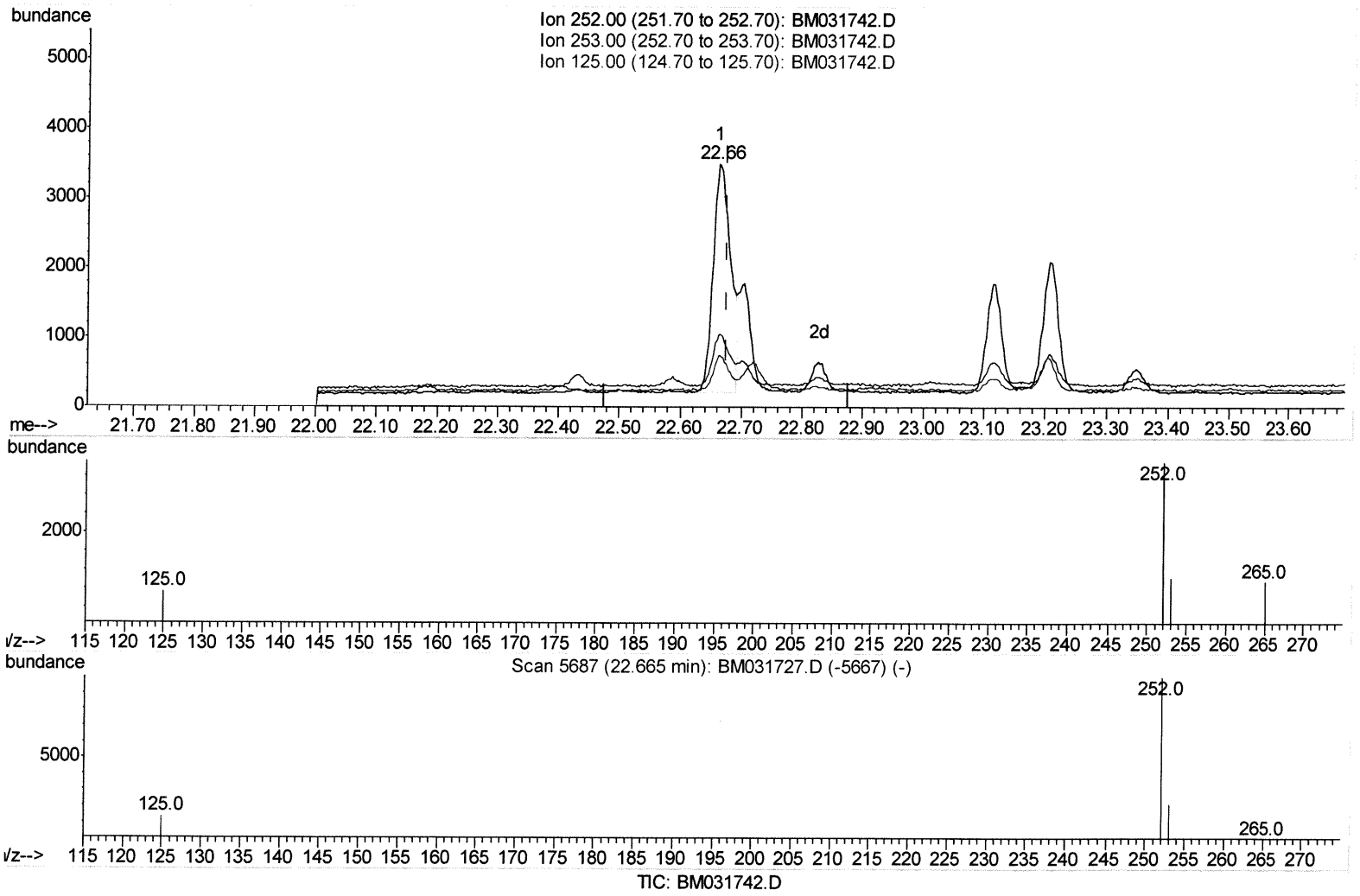
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.46
125.00	11.40	20.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031742.D
Acq On : 14 Aug 2021 11:04
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 14 11:34:58 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 :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:15 AM



(24) Benzo(b)fluoranthene

22.663min (-0.014) 0.44ng/ul m

response 6558

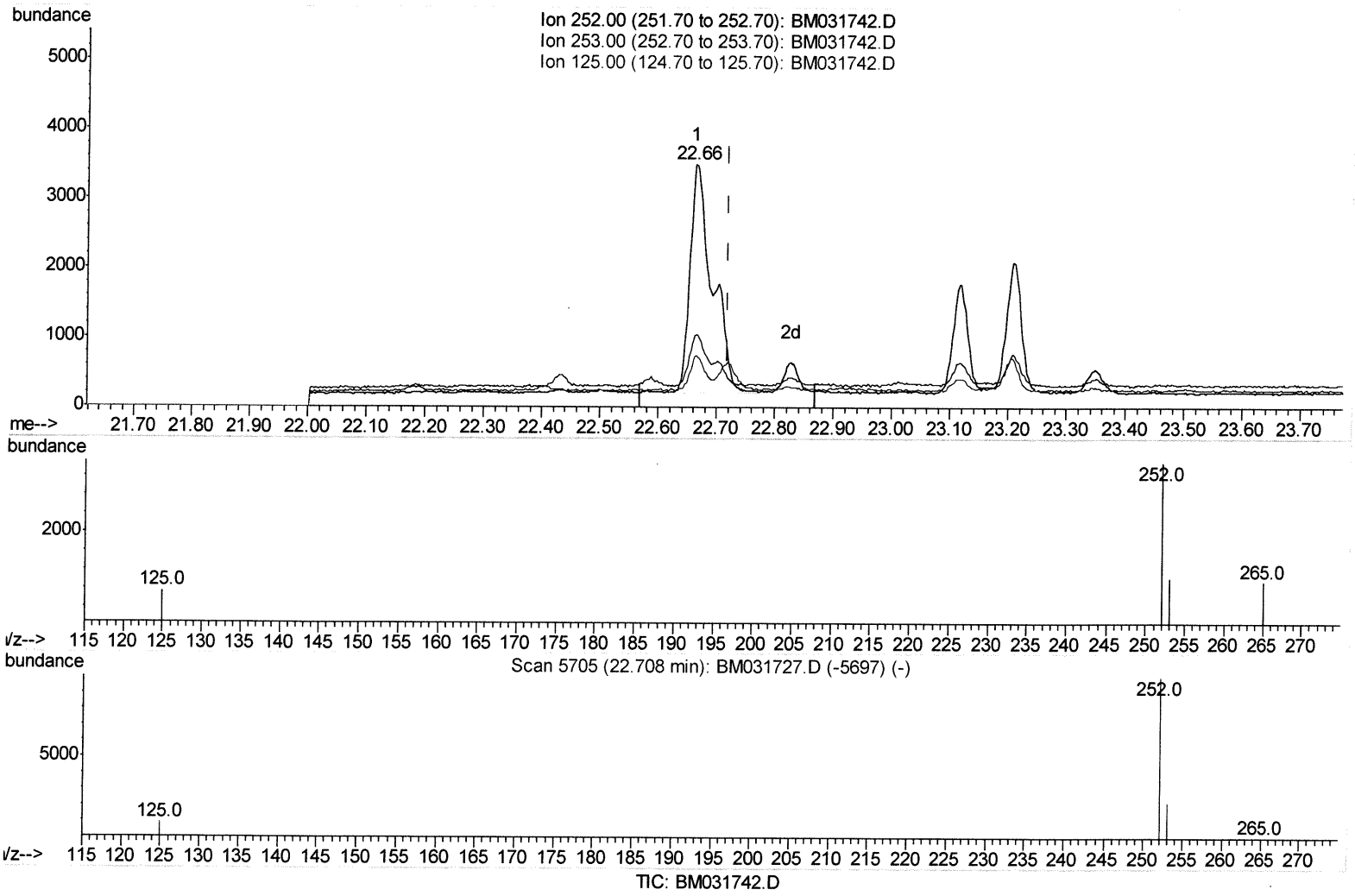
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	29.46
125.00	11.40	20.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031742.D
Acq On : 14 Aug 2021 11:04
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 14 11:35:58 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 :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:15 AM



(25) Benzo(k)fluoranthene

22.663min (-0.058) 0.57ng/ul

response 8815

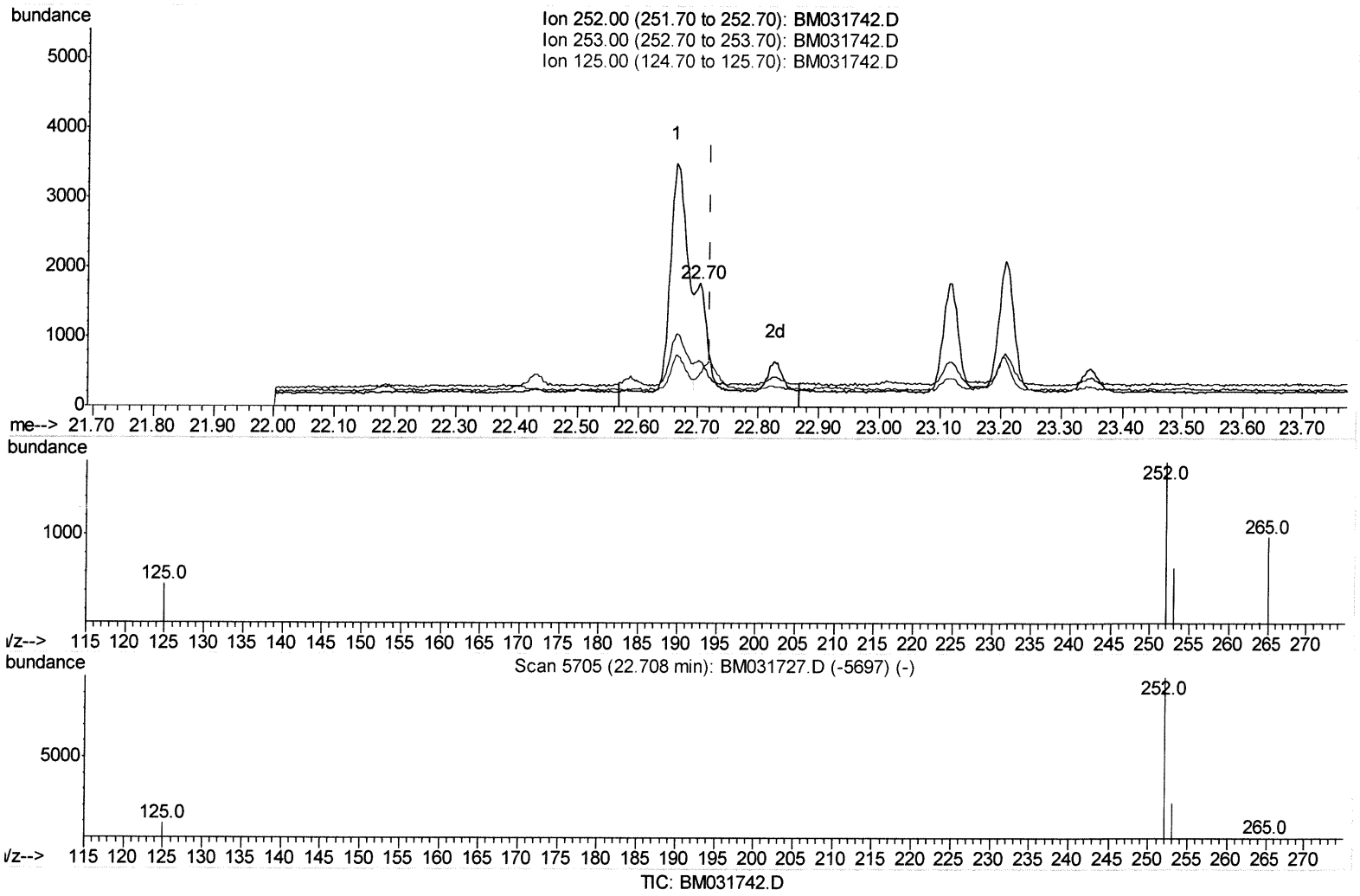
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.46
125.00	11.00	20.84#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031742.D
Acq On : 14 Aug 2021 11:04
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 14 11:35:58 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 :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:15 AM



(25) Benzo(k)fluoranthene

22.704min (-0.016) 0.15ng/ul m

response 2266

JU 8/16/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	36.82#
125.00	11.00	26.46#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031742.D
Acq On : 14 Aug 2021 11:04
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:15 AM

Quant Time: Aug 14 11:36:39 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	7.56	152	988	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.32	136	3492	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	1952	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.95	188	3834	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3300	0.40	ng/ul	0.00
23) Perylene-d12	23.30	264	3321	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	617	0.56	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	193	0.03	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	396	0.04	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	1909	0.184	ng/ul#	93
7) 2-Methylnaphthalene	12.00	142	1345	0.189	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	734	0.105	ng/ul	99
10) Acenaphthylene	13.92	152	607	0.073	ng/ul#	80
15) Phenanthrene	16.99	178	4970	0.408	ng/ul	99
16) Anthracene	17.08	178	664	0.058	ng/ul#	82
19) Fluoranthene	19.01	202	8348	0.592	ng/ul	98
20) Pyrene	19.38	202	7135	0.499	ng/ul	99
21) Benzo(a)anthracene	21.13	228	4321	0.324	ng/ul	93
22) Chrysene	21.18	228	6002	0.435	ng/ul	96
24) Benzo(b)fluoranthene	22.66	252	6558m	0.438	ng/ul	
25) Benzo(k)fluoranthene	22.70	252	2266m	0.147	ng/ul	
26) Benzo(a)pyrene	23.21	252	3298	0.252	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.43	276	2676	0.158	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.43	278	771	0.056	ng/ul#	27
29) Benzo(g,h,i)perylene	26.09	276	572	0.040	ng/ul#	48

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