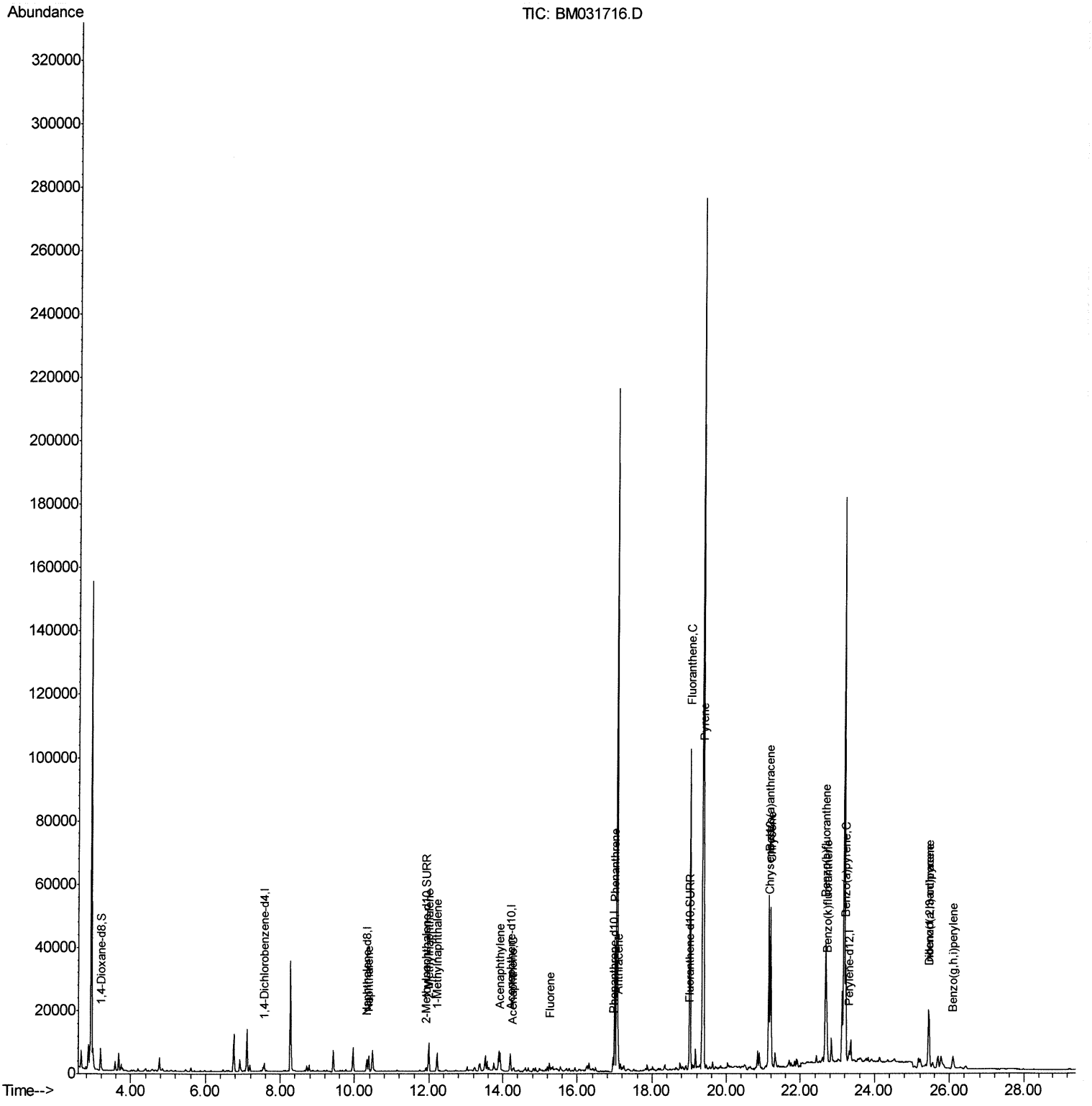
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031716.D
Acq On : 13 Aug 2021 15:50
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 16:22:28 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 :
C00E1

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:59 AM

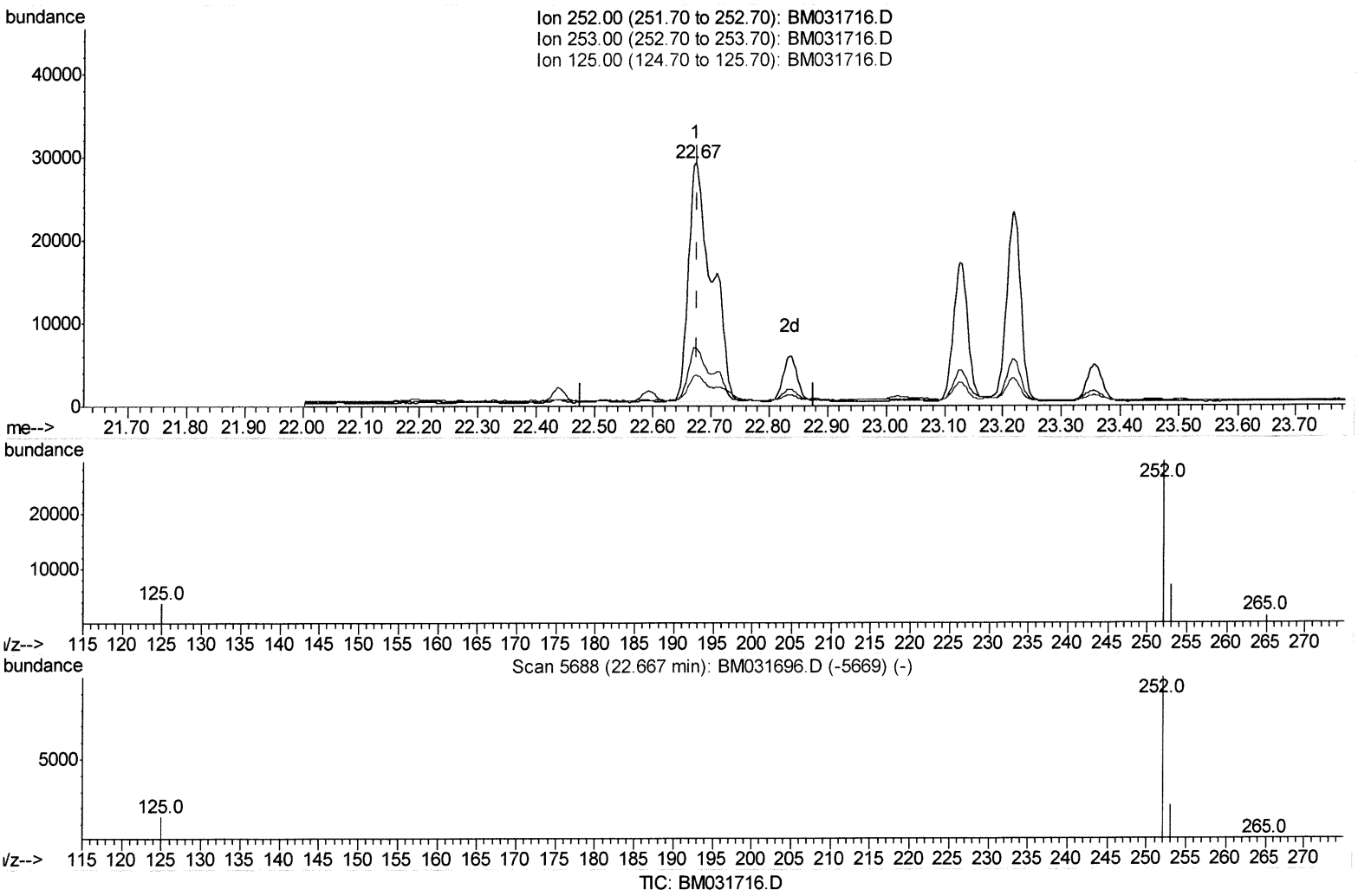


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031716.D
Acq On : 13 Aug 2021 15:50
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 16:21:23 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 :
C00E1

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:59 AM



TIC: BM031716.D

(24) Benzo(b)fluoranthene

22.673min (-0.003) 4.32ng/ul

response 81115

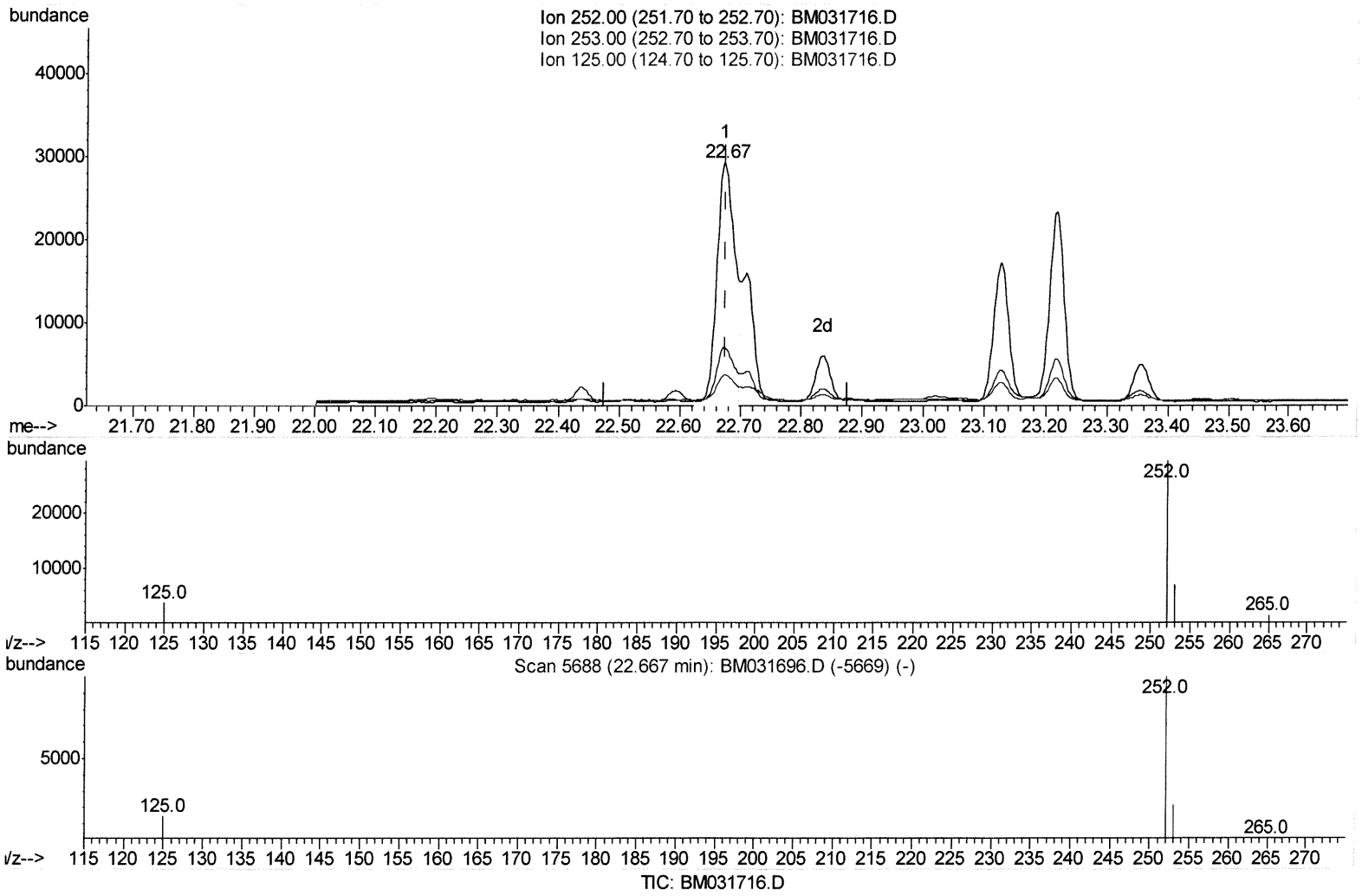
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.63
125.00	11.40	12.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031716.D
Acq On : 13 Aug 2021 15:50
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 16:21:23 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 :
C00E1

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:59 AM



(24) Benzo(b)fluoranthene

22.673min (-0.003) 3.19ng/ul m

response 59847

JU 8/16/21

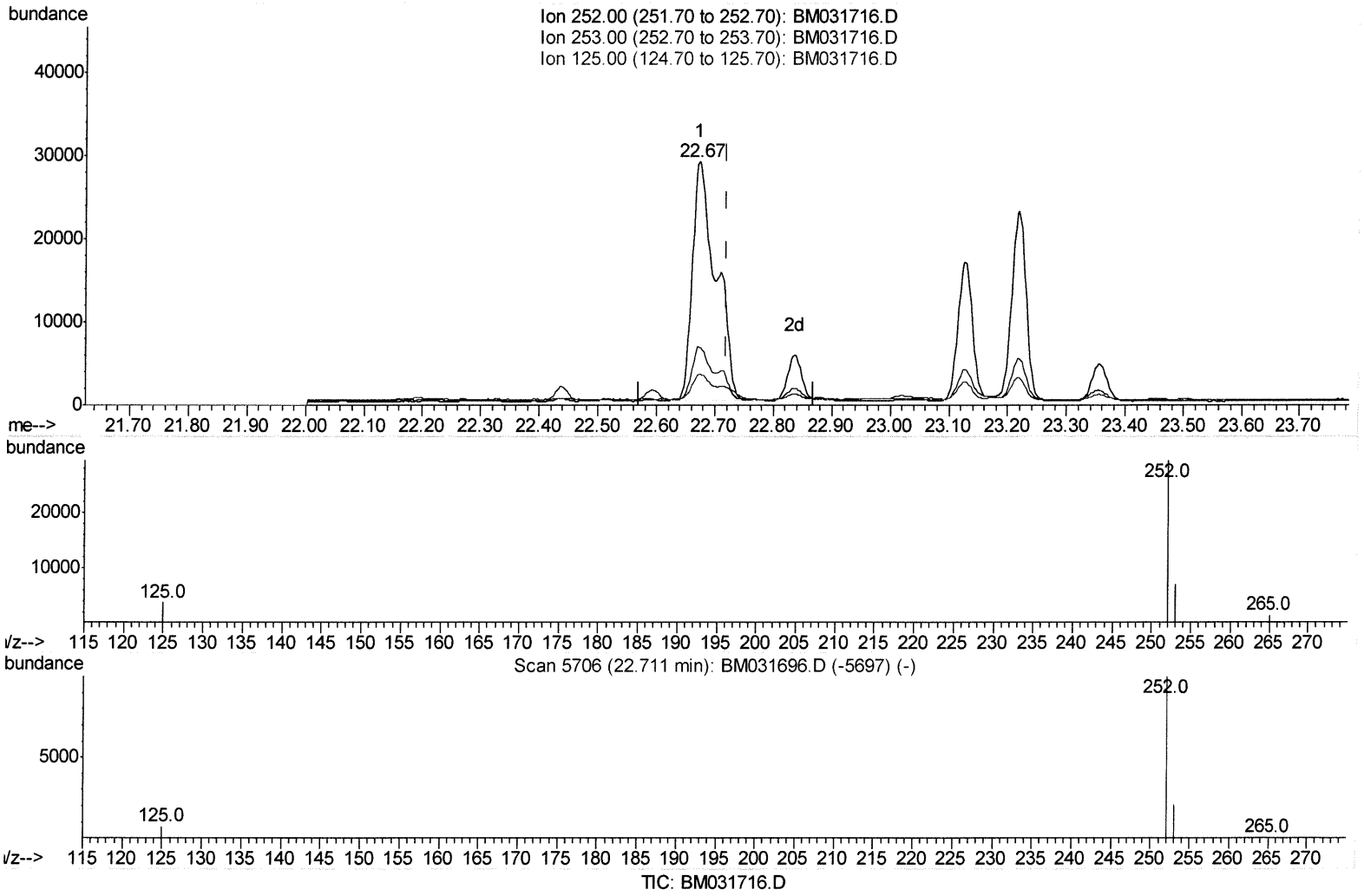
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.63
125.00	11.40	12.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031716.D
Acq On : 13 Aug 2021 15:50
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 16:21:23 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 :
C00E1

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:59 AM



(25) Benzo(k)fluoranthene

22.673min (-0.047) 4.19ng/ul

response 81115

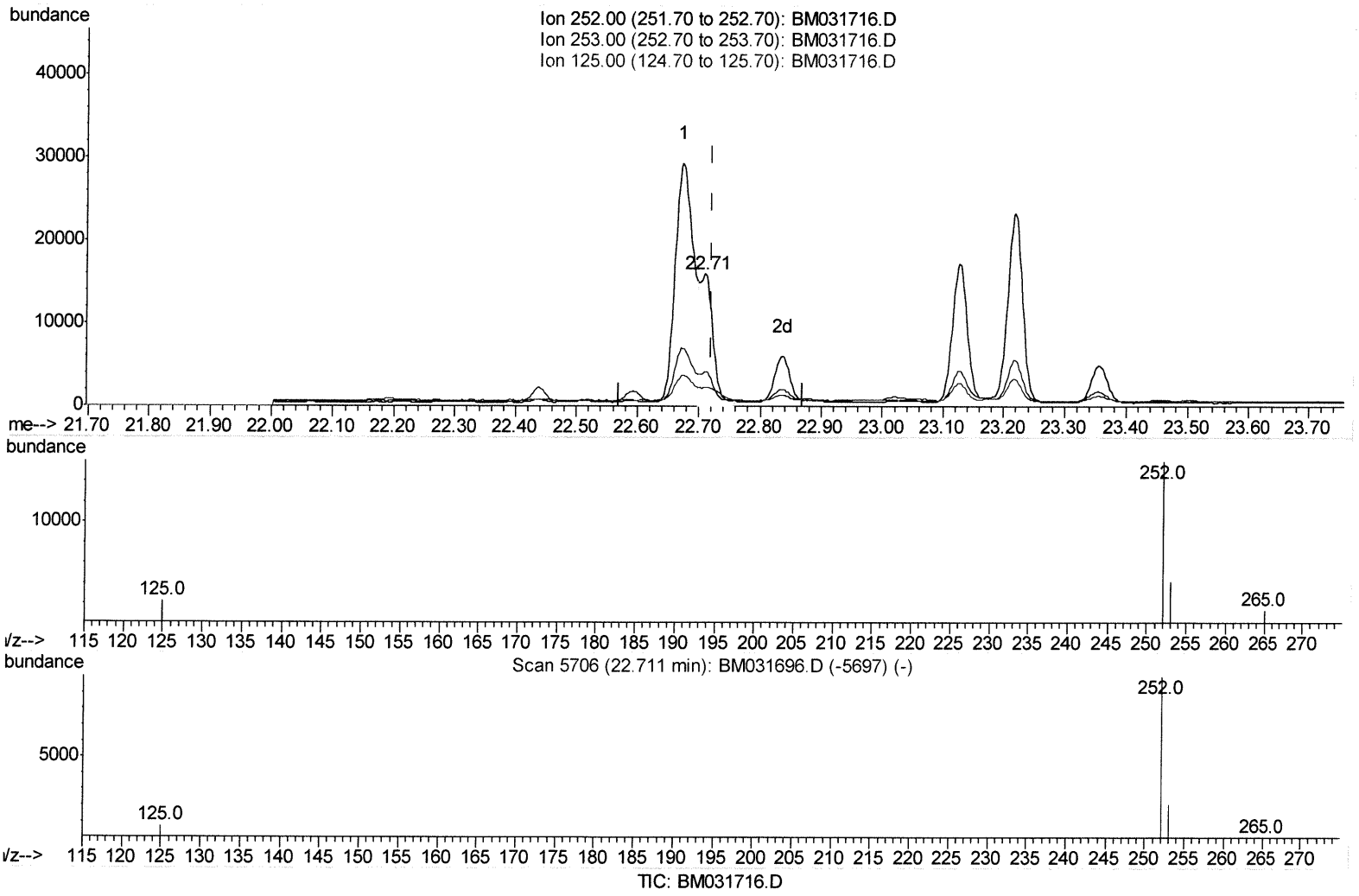
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.63
125.00	11.00	12.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031716.D
Acq On : 13 Aug 2021 15:50
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 16:21:23 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 :
C00E1

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:59 AM



(25) Benzo(k)fluoranthene

22.709min (-0.011) 1.29ng/ul m JU 8/16/21

response 25026

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.31
125.00	11.00	14.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031716.D
Acq On : 13 Aug 2021 15:50
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 16:22:28 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 : C00E1

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1286	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	4816	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2818	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	5229	0.40	ng/ul	-0.01
17) Chrysene-d12	21.16	240	4287	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4163	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4456	3.12	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1609	0.20	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	3168	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.37	128	6613	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	6355	0.648	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	3982	0.411	ng/ul	98
10) Acenaphthylene	13.92	152	6659	0.555	ng/ul	100
11) Acenaphthene	14.27	153	822	0.081	ng/ul	94
12) Fluorene	15.26	166	1442	0.124	ng/ul#	82
15) Phenanthrene	16.99	178	41205	2.482	ng/ul	98
16) Anthracene	17.09	178	8507	0.547	ng/ul	99
19) Fluoranthene	19.02	202	88313	4.824	ng/ul	98
20) Pyrene	19.38	202	74621	4.019	ng/ul	96
21) Benzo(a)anthracene	21.14	228	45714	2.641	ng/ul	93
22) Chrysene	21.19	228	49692	2.774	ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	59847m	3.191	ng/ul	94
25) Benzo(k)fluoranthene	22.71	252	25026m	1.291	ng/ul	
26) Benzo(a)pyrene	23.22	252	38892	2.368	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.44	276	27906	1.314	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	7850	0.459	ng/ul#	80
29) Benzo(g,h,i)perylene	26.09	276	8375	0.462	ng/ul#	89

8/16/21

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