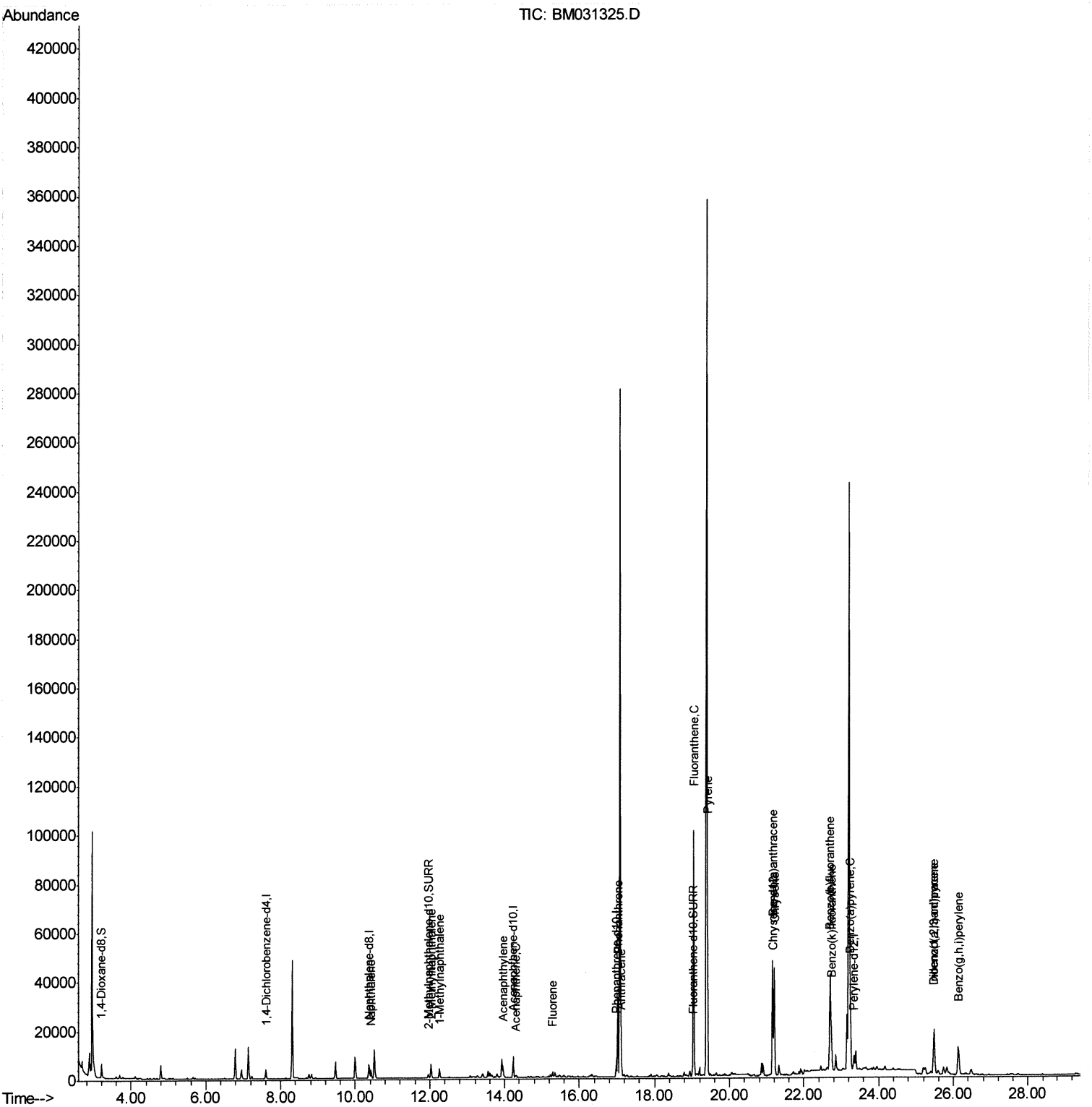
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031325.D
Acq On : 31 Jul 2021 23:06
Operator : CG/JU
Sample : M3091-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 03:01:32 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 :
C0043

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:11 PM

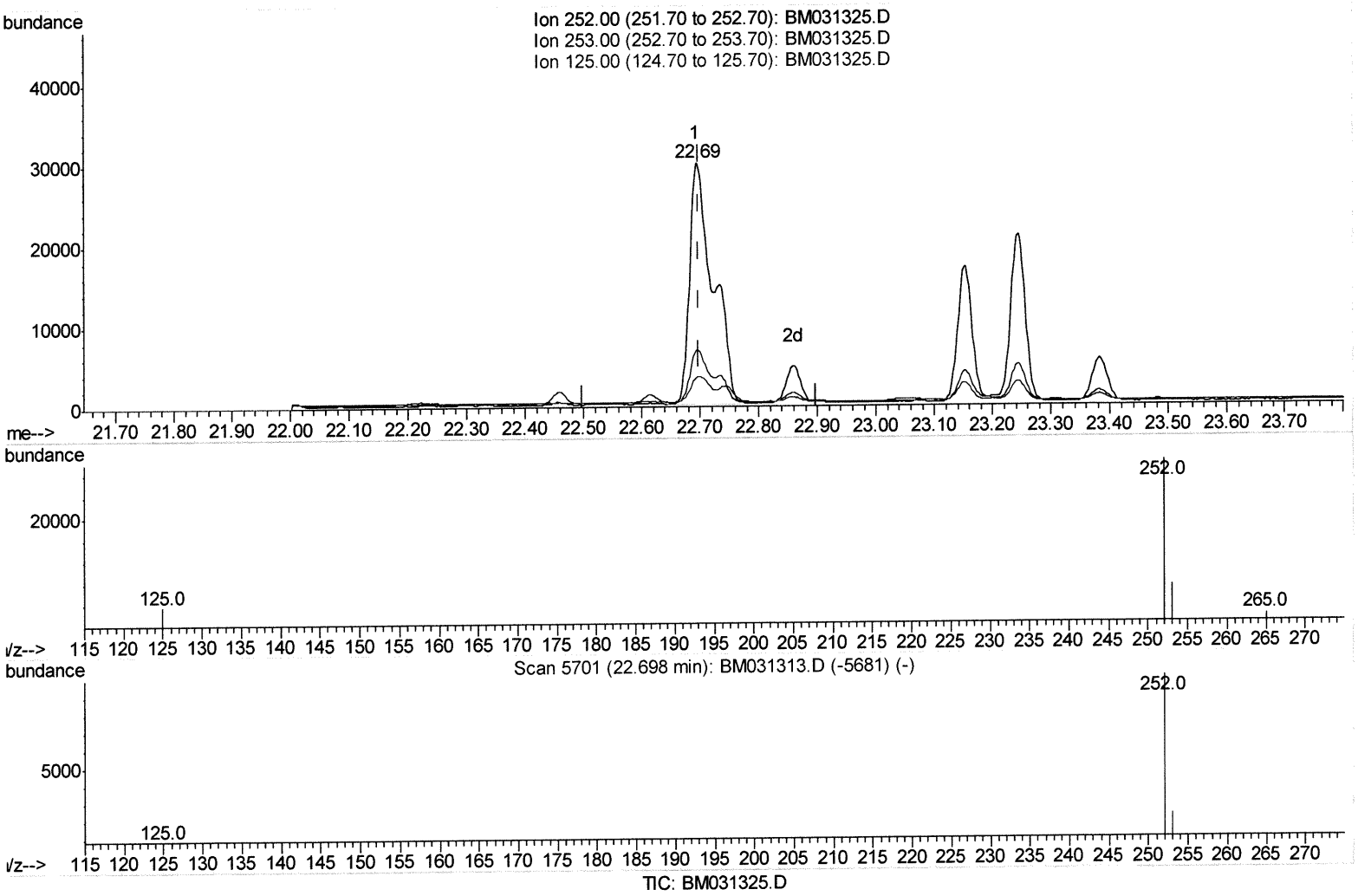


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031325.D
Acq On : 31 Jul 2021 23:06
Operator : CG/JU
Sample : M3091-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 02:59:43 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 :
C0043

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:11 PM



(24) Benzo(b)fluoranthene

22.694min (-0.004) 2.63ng/ul

response 82629

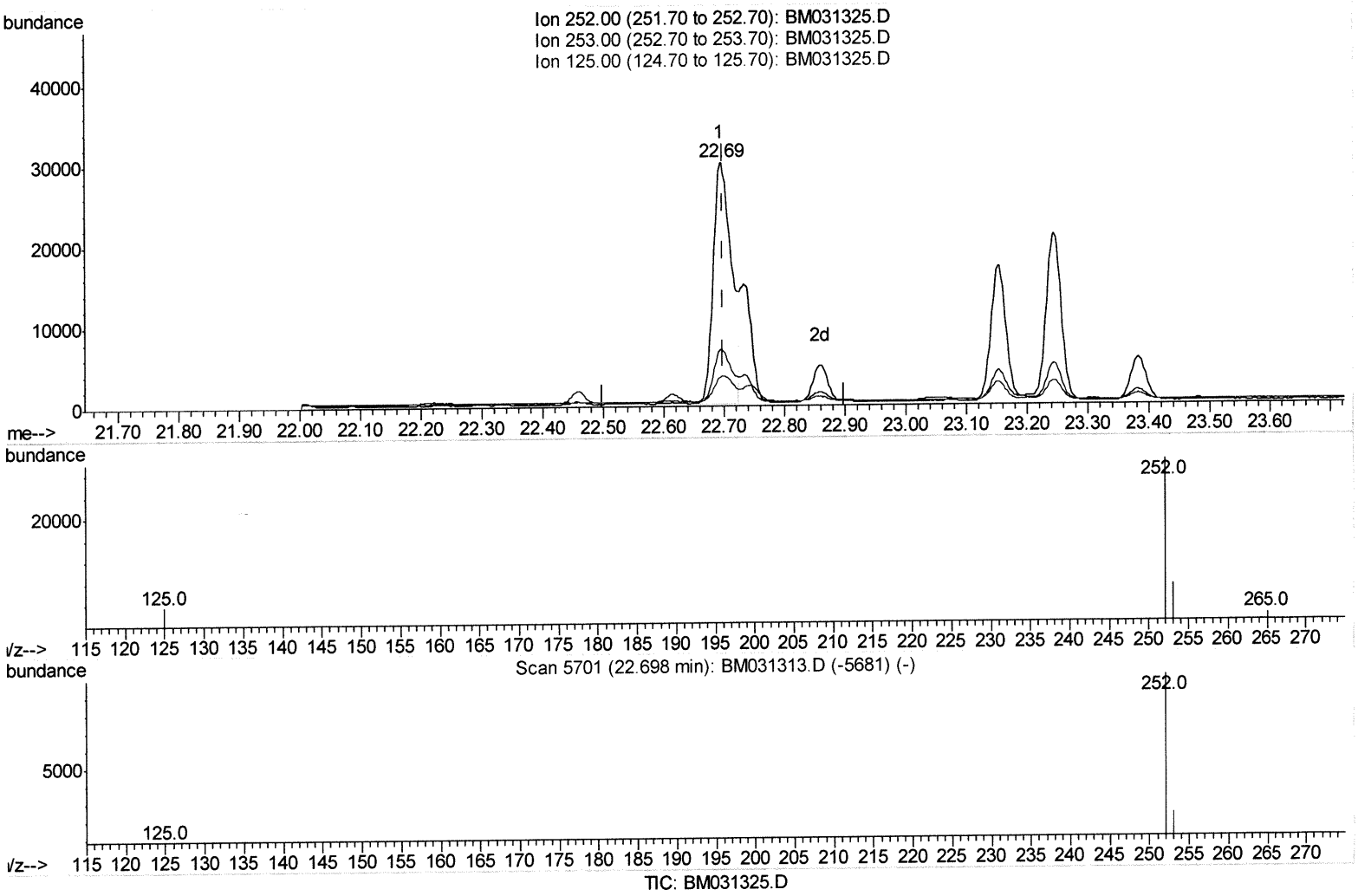
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.16
125.00	11.40	11.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031325.D
Acq On : 31 Jul 2021 23:06
Operator : CG/JU
Sample : M3091-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 02:59:43 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 :
C0043

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:11 PM



(24) Benzo(b)fluoranthene

22.694min (-0.004) 1.97ng/ul m

response 61751

JG 8/3/21

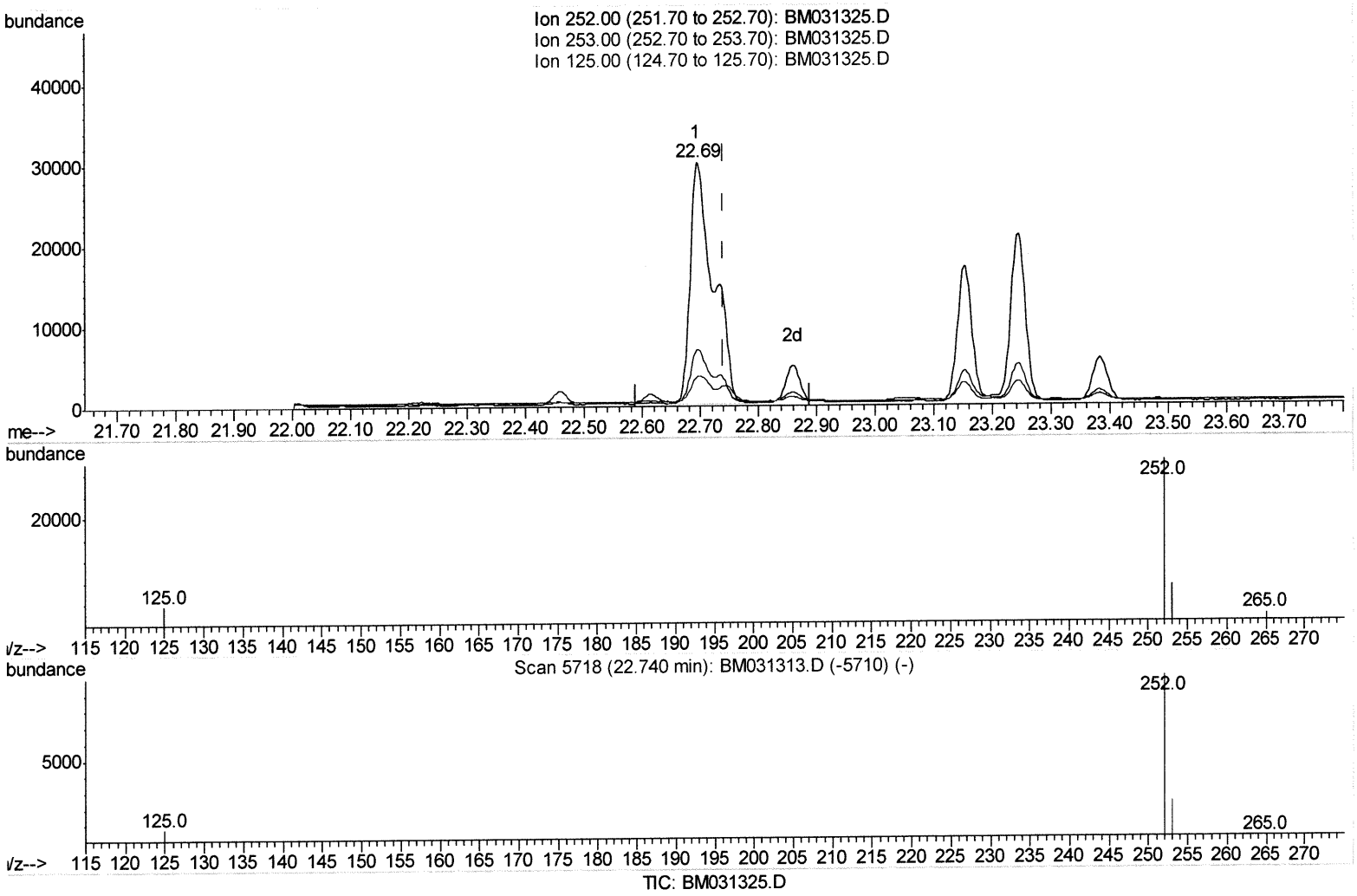
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.16
125.00	11.40	11.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031325.D
Acq On : 31 Jul 2021 23:06
Operator : CG/JU
Sample : M3091-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 03:00:49 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 :
C0043

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:11 PM



TIC: BM031325.D

(25) Benzo(k)fluoranthene

22.694min (-0.046) 2.55ng/ul

response 82629

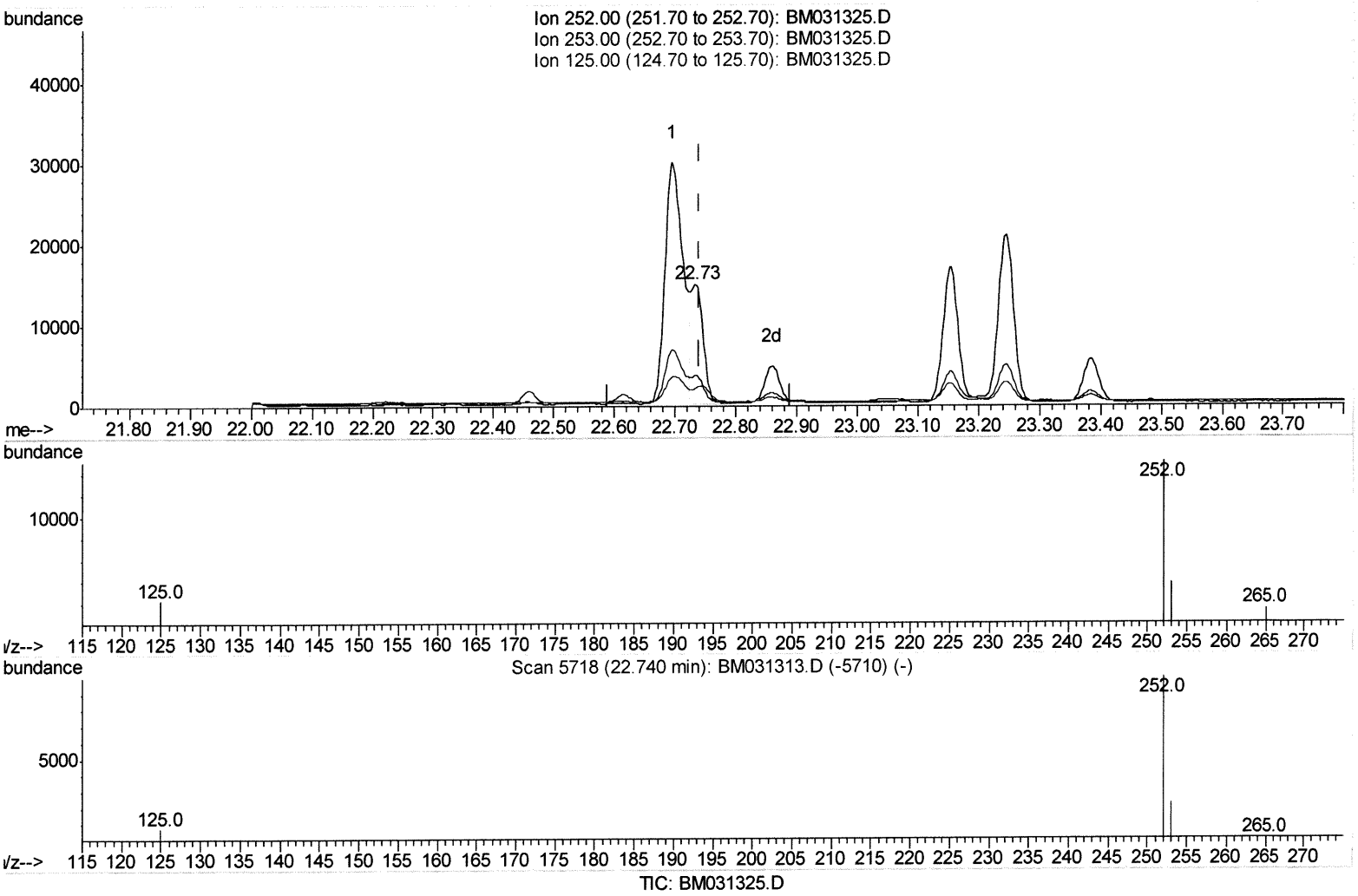
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.16
125.00	11.00	11.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031325.D
Acq On : 31 Jul 2021 23:06
Operator : CG/JU
Sample : M3091-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 03:00:49 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 :
C0043

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:11 PM



TIC: BM031325.D

(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.65ng/ul m

response 21217

JU 8/3/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.02
125.00	11.00	14.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031325.D
Acq On : 31 Jul 2021 23:06
Operator : CG/JU
Sample : M3091-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 03:01:32 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 : C0043

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1808	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	7430	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4696	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	9280	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	7407	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	6972	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3852	1.92	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	2126	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	4718	0.19	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	4212	0.190	ng/ul	98
7) 2-Methylnaphthalene	12.04	142	4088	0.270	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	2536	0.170	ng/ul	99
10) Acenaphthylene	13.96	152	5294	0.265	ng/ul	100
11) Acenaphthene	14.30	153	642	0.038	ng/ul	92
12) Fluorene	15.29	166	1463	0.076	ng/ul#	90
15) Phenanthrene	17.03	178	32721	1.110	ng/ul	97
16) Anthracene	17.12	178	7133	0.259	ng/ul	99
19) Fluoranthene	19.05	202	84610	2.675	ng/ul	98
20) Pyrene	19.41	202	70738	2.205	ng/ul	97
21) Benzo(a)anthracene	21.16	228	37491	1.253	ng/ul	97
22) Chrysene	21.21	228	43153	1.394	ng/ul	98
24) Benzo(b)fluoranthene	22.69	252	61751m	1.966	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	21217m	0.654	ng/ul	
26) Benzo(a)pyrene	23.24	252	36464	1.325	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.48	276	27674	0.778	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.49	278	6893	0.241	ng/ul#	90
29) Benzo(g,h,i)perylene	26.13	276	23825	0.785	ng/ul	98

JU 8/3/21

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