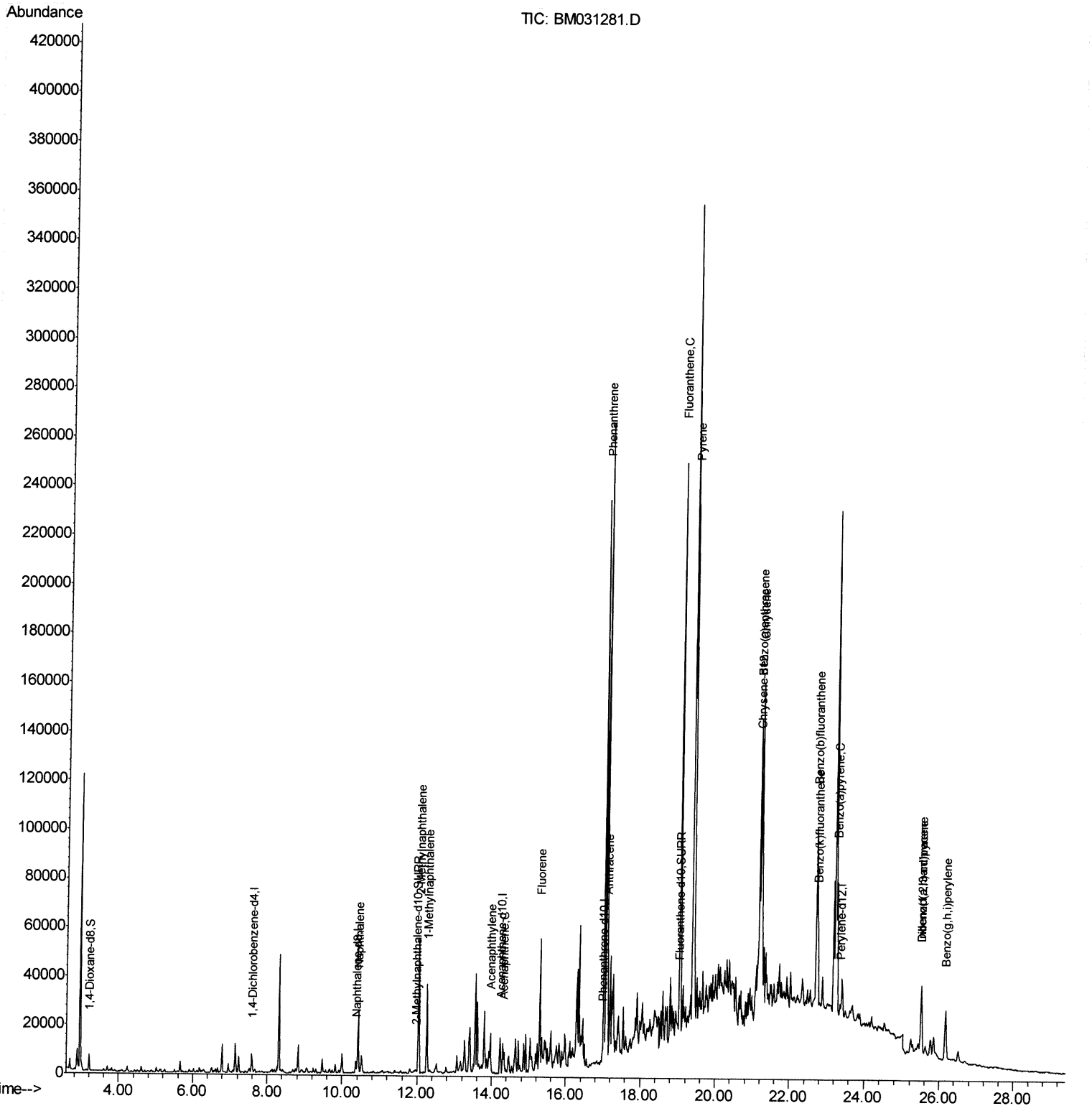
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031281.D
Acq On : 30 Jul 2021 16:51
Operator : CG/JU
Sample : M3084-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 30 17:26:01 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 14:17:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:09 PM

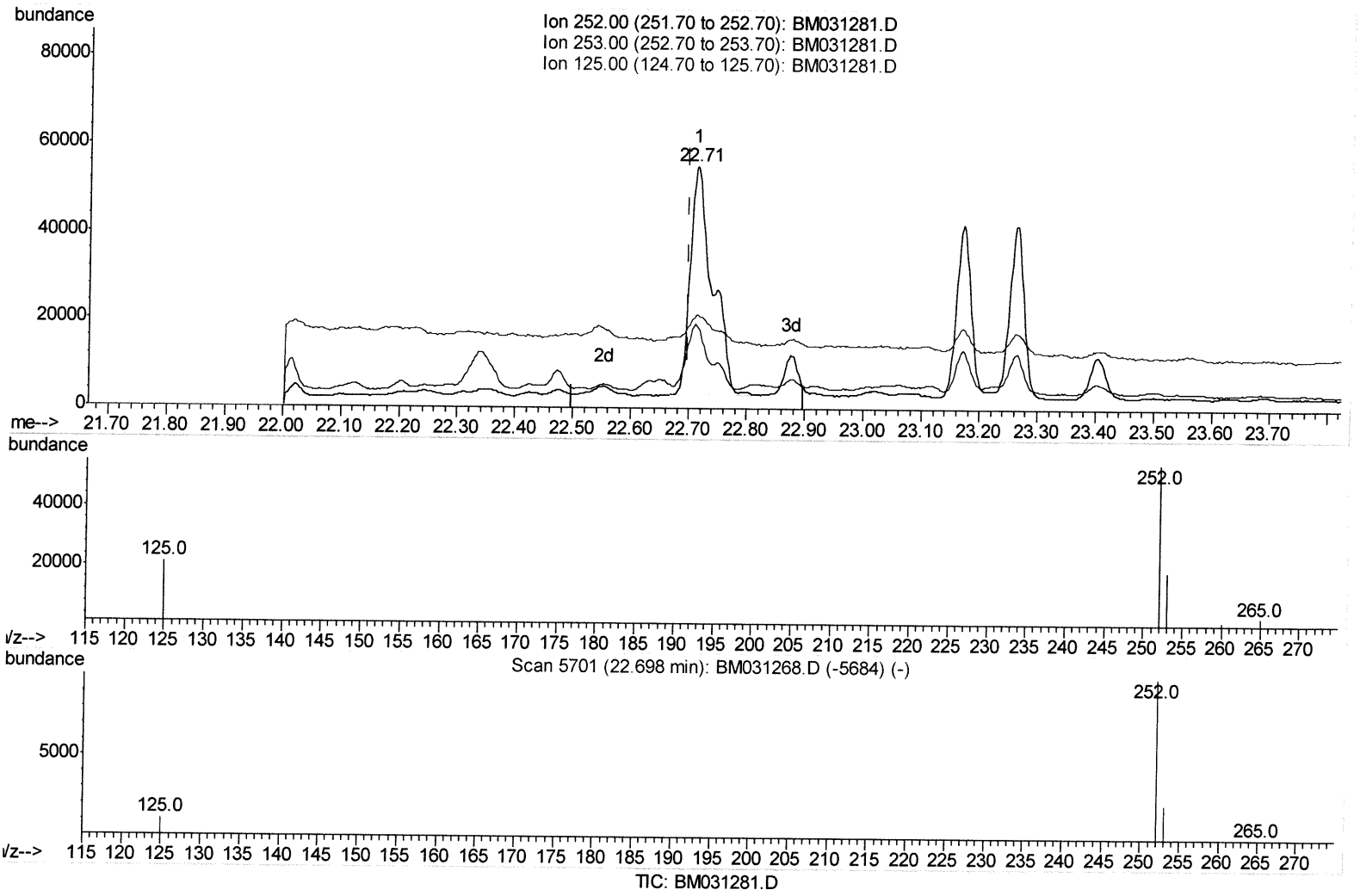


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031281.D
Acq On : 30 Jul 2021 16:51
Operator : CG/JU
Sample : M3084-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 30 17:21:21 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 14:17:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:09 PM



TIC: BM031281.D

(24) Benzo(b)fluoranthene

22.713min (+0.015) 4.93ng/ul

response 140920

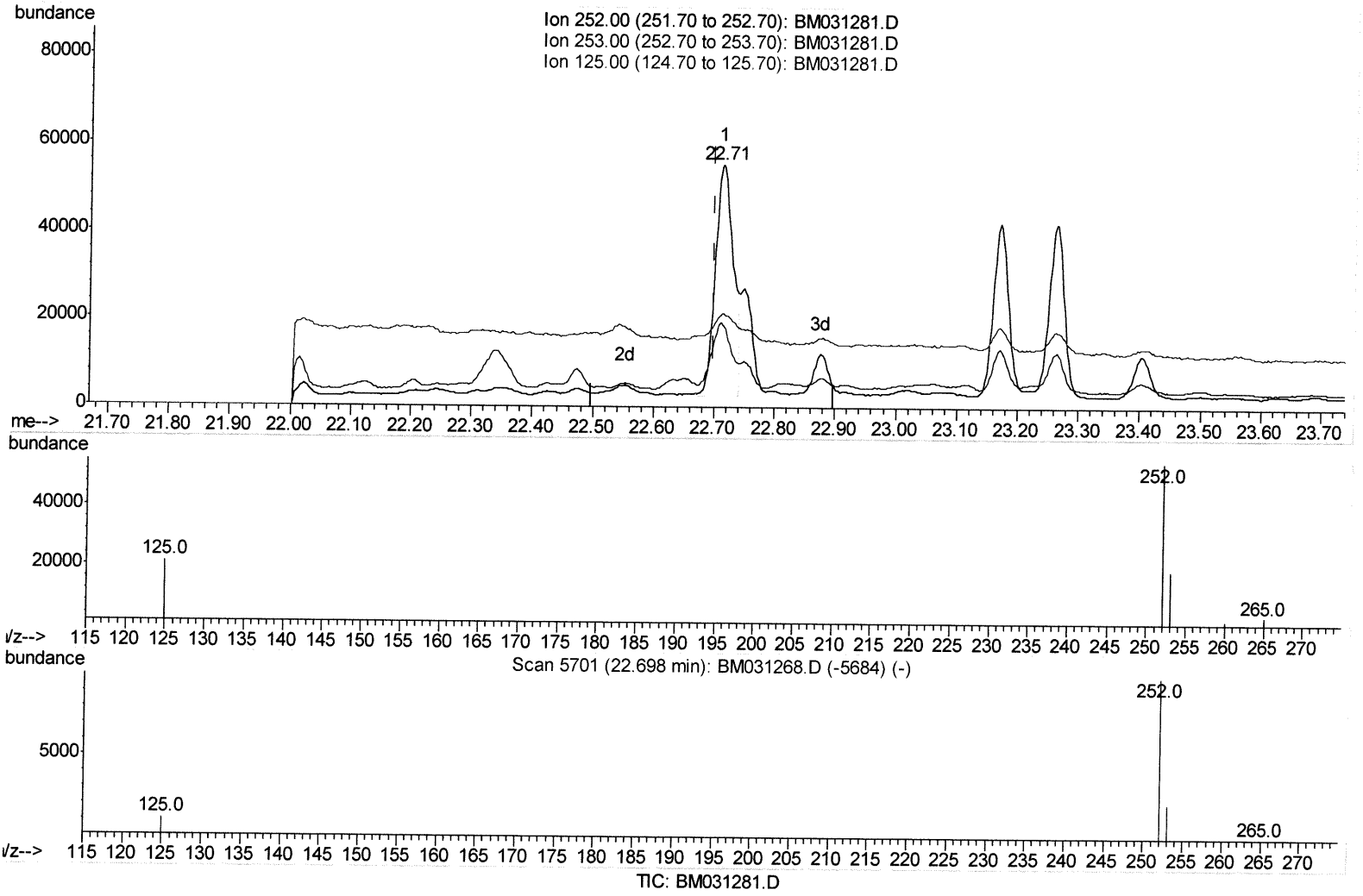
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.25
125.00	11.40	38.71#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031281.D
Acq On : 30 Jul 2021 16:51
Operator : CG/JU
Sample : M3084-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 30 17:21:21 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 14:17:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:09 PM



(24) Benzo(b)fluoranthene

22.713min (+0.015) 3.80ng/ul m JU 8/3/21

response 108708

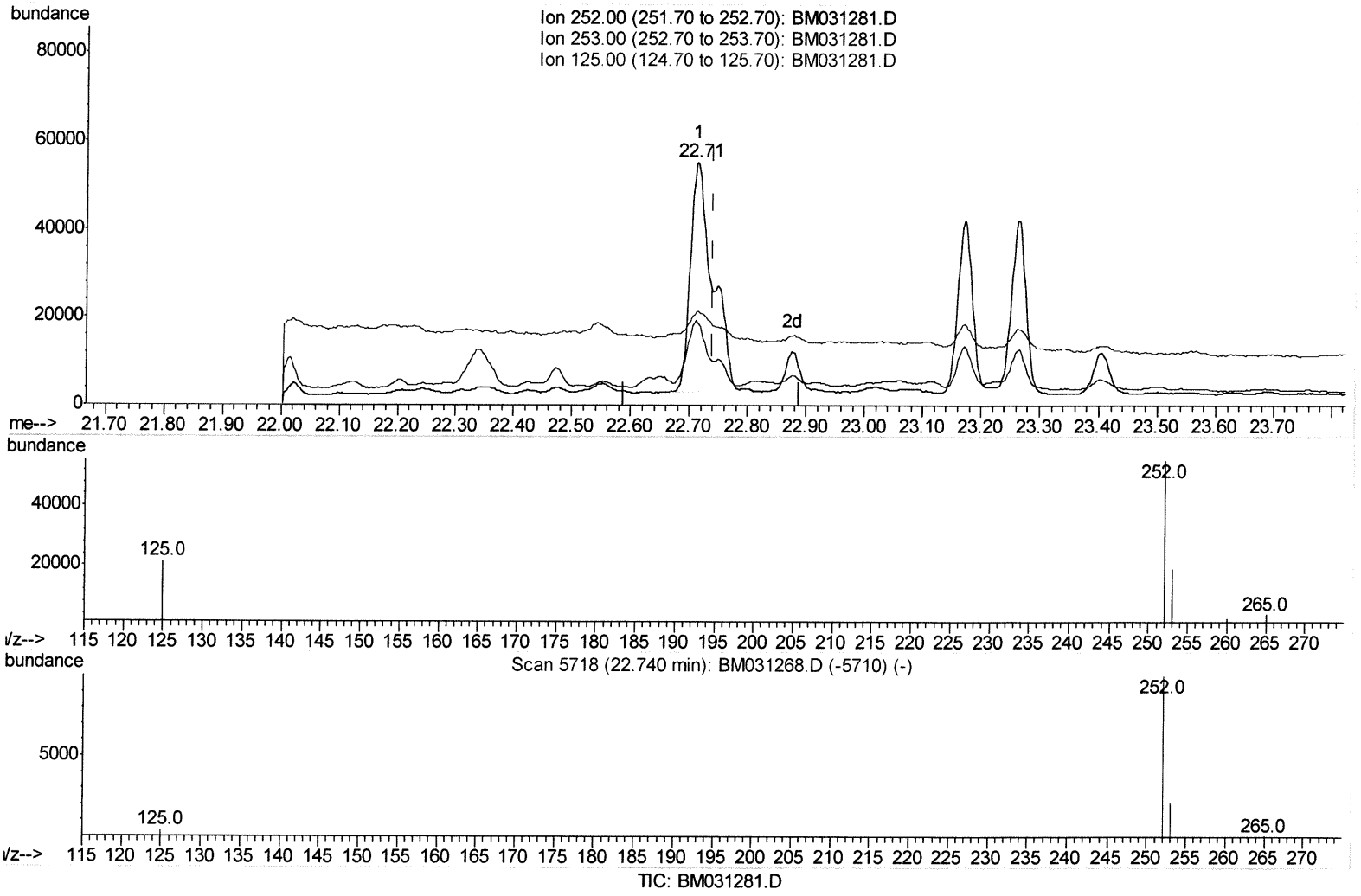
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.25
125.00	11.40	38.71#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031281.D
Acq On : 30 Jul 2021 16:51
Operator : CG/JU
Sample : M3084-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 30 17:21:21 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 14:17:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:09 PM



TIC: BM031281.D

(25) Benzo(k)fluoranthene

22.713min (-0.027) 4.77ng/ul

response 140920

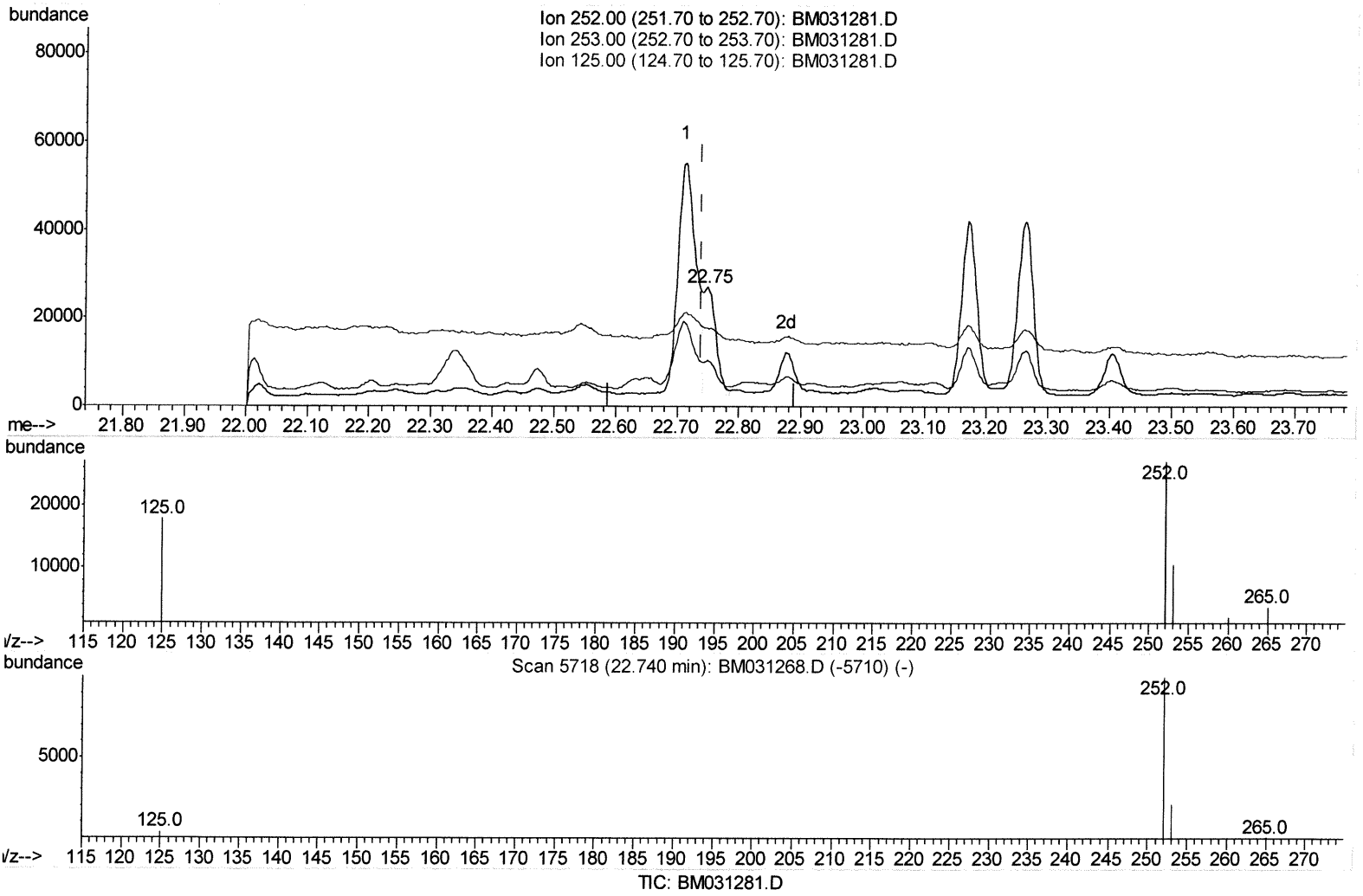
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.25#
125.00	11.00	38.71#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031281.D
Acq On : 30 Jul 2021 16:51
Operator : CG/JU
Sample : M3084-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 30 17:21:21 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 14:17:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:09 PM



(25) Benzo(k)fluoranthene

22.749min (+0.010) 1.20ng/ul m JU 8/2/21

response 35397

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	39.34#
125.00	11.00	65.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031281.D
Acq On : 30 Jul 2021 16:51
Operator : CG/JU
Sample : M3084-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0028

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:09 PM

Quant Time: Jul 30 17:26:01 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 14:17:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1455	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	5377	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3796	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7183	0.40	ng/ul	0.00
17) Chrysene-d12	21.19	240	5920	0.40	ng/ul	0.00
23) Perylene-d12	23.36	264	6342	0.40	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4151	2.57	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1562	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	4793	0.24	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	32538	2.031	ng/ul	98
7) 2-Methylnaphthalene	12.04	142	37743	3.449	ng/ul	99
8) 1-Methylnaphthalene	12.26	142	23881	2.209	ng/ul	99
10) Acenaphthylene	13.96	152	9494	0.587	ng/ul	95
11) Acenaphthene	14.30	153	8742	0.642	ng/ul	99
12) Fluorene	15.29	166	27059	1.728	ng/ul#	88
15) Phenanthrene	17.03	178	237982	10.434	ng/ul	99
16) Anthracene	17.12	178	48549	2.273	ng/ul#	95
19) Fluoranthene	19.05	202	201856	7.985	ng/ul#	95
20) Pyrene	19.42	202	184868	7.210	ng/ul#	95
21) Benzo(a)anthracene	21.17	228	88277	3.693	ng/ul#	74
22) Chrysene	21.22	228	144287	5.834	ng/ul#	83
24) Benzo(b)fluoranthene	22.71	252	108708m	3.804	ng/ul	
25) Benzo(k)fluoranthene	22.75	252	35397m	1.199	ng/ul	
26) Benzo(a)pyrene	23.26	252	69617	2.782	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.51	276	40332	1.247	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.52	278	15022	0.576	ng/ul#	4
29) Benzo(g,h,i)perylene	26.16	276	41776	1.514	ng/ul#	86

JU 8/31/21

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