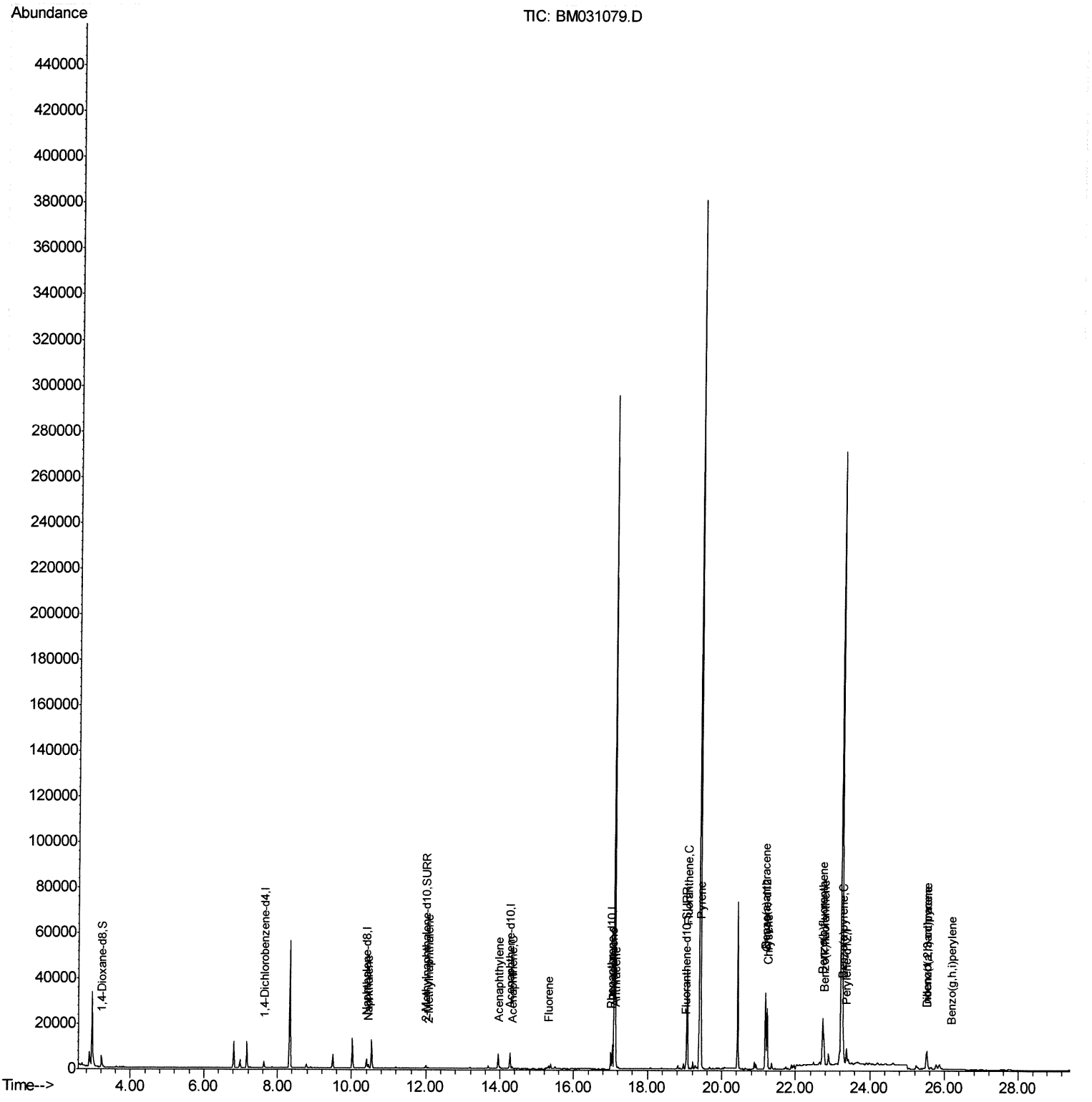
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031079.D
Acq On : 22 Jul 2021 23:20
Operator : CG/JU
Sample : M2971-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 23 04:00:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE98

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:14 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031079.D
Acq On : 22 Jul 2021 23:20
Operator : CG/JU
Sample : M2971-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 23 01:10:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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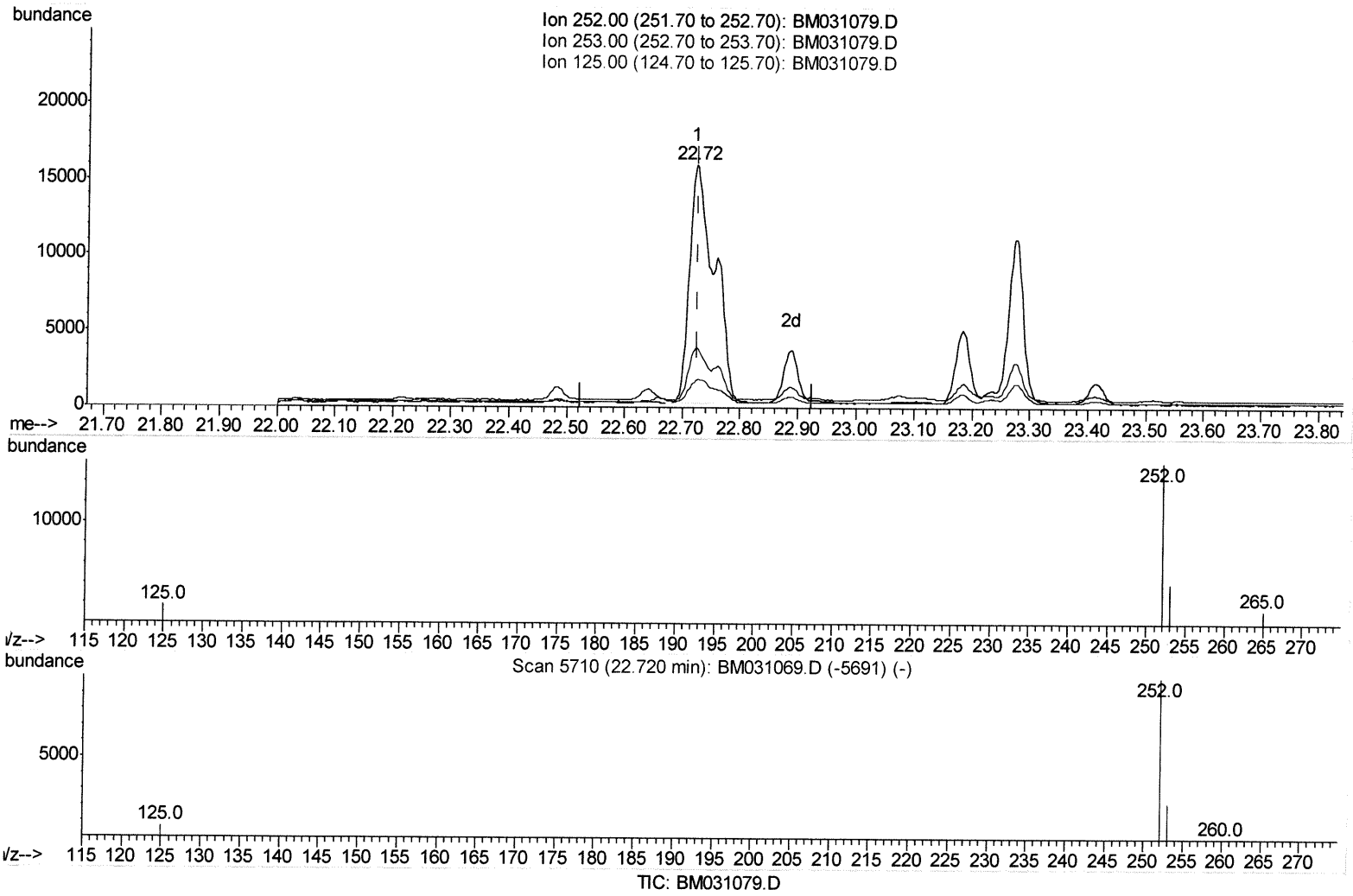
Manual Integrations APPROVED
mohammad
7/23/2021 11:52:14 AM



Scan 5710 (22.720 min): BM031069.D (-5691) (-)

TIC: BM031079.D

(24) Benzo(b)fluoranthene

22.723min (-0.002) 1.16ng/ul

response 47372

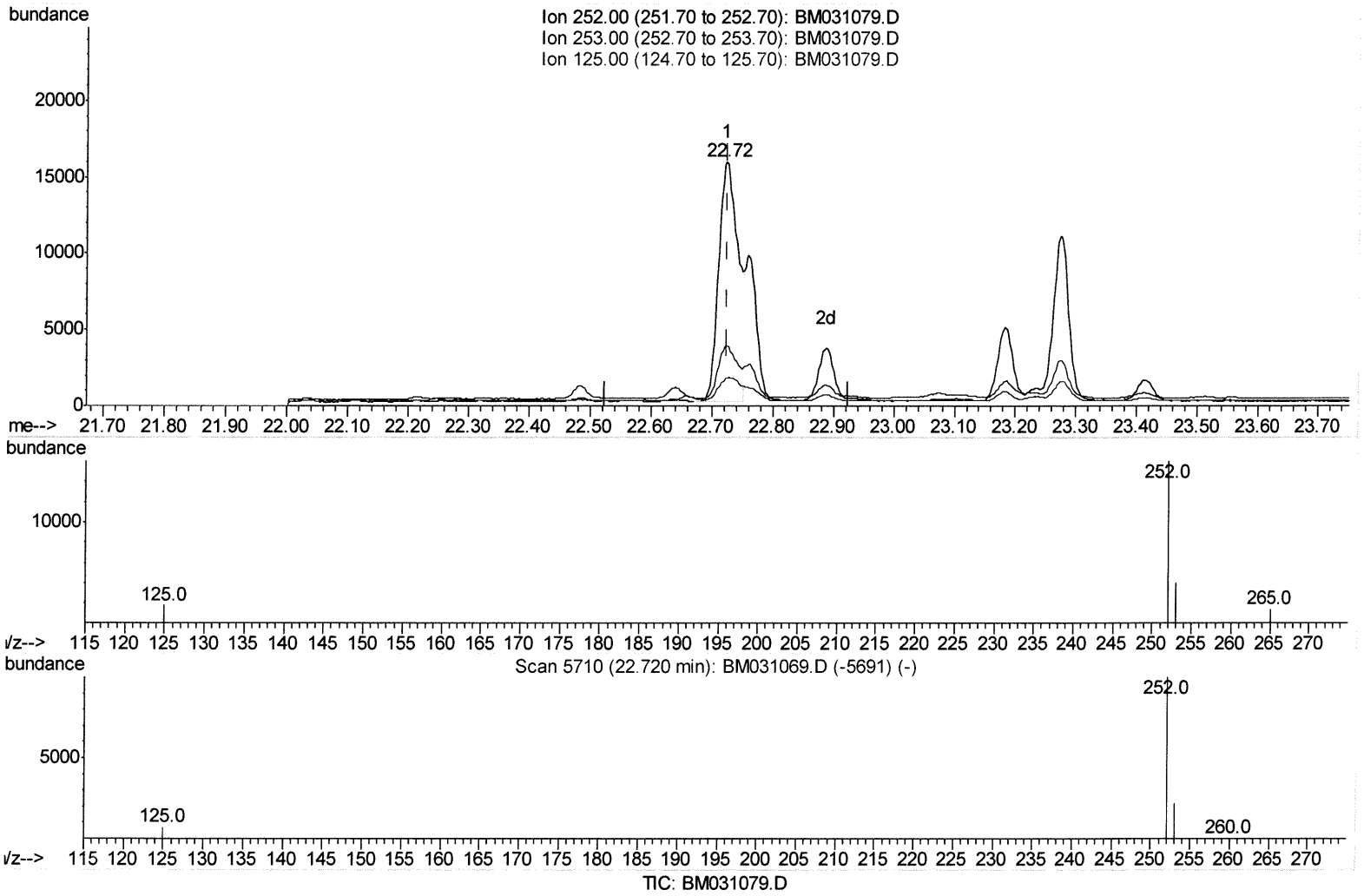
Ion	Exp%	Act%
252.00	100	100
253.00	26.40	24.73
125.00	10.10	11.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031079.D
Acq On : 22 Jul 2021 23:20
Operator : CG/JU
Sample : M2971-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 23 01:10:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE98

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:14 AM



(24) Benzo(b)fluoranthene

22.723min (-0.002) 0.85ng/ul m 07/26/21 JU

response 34924

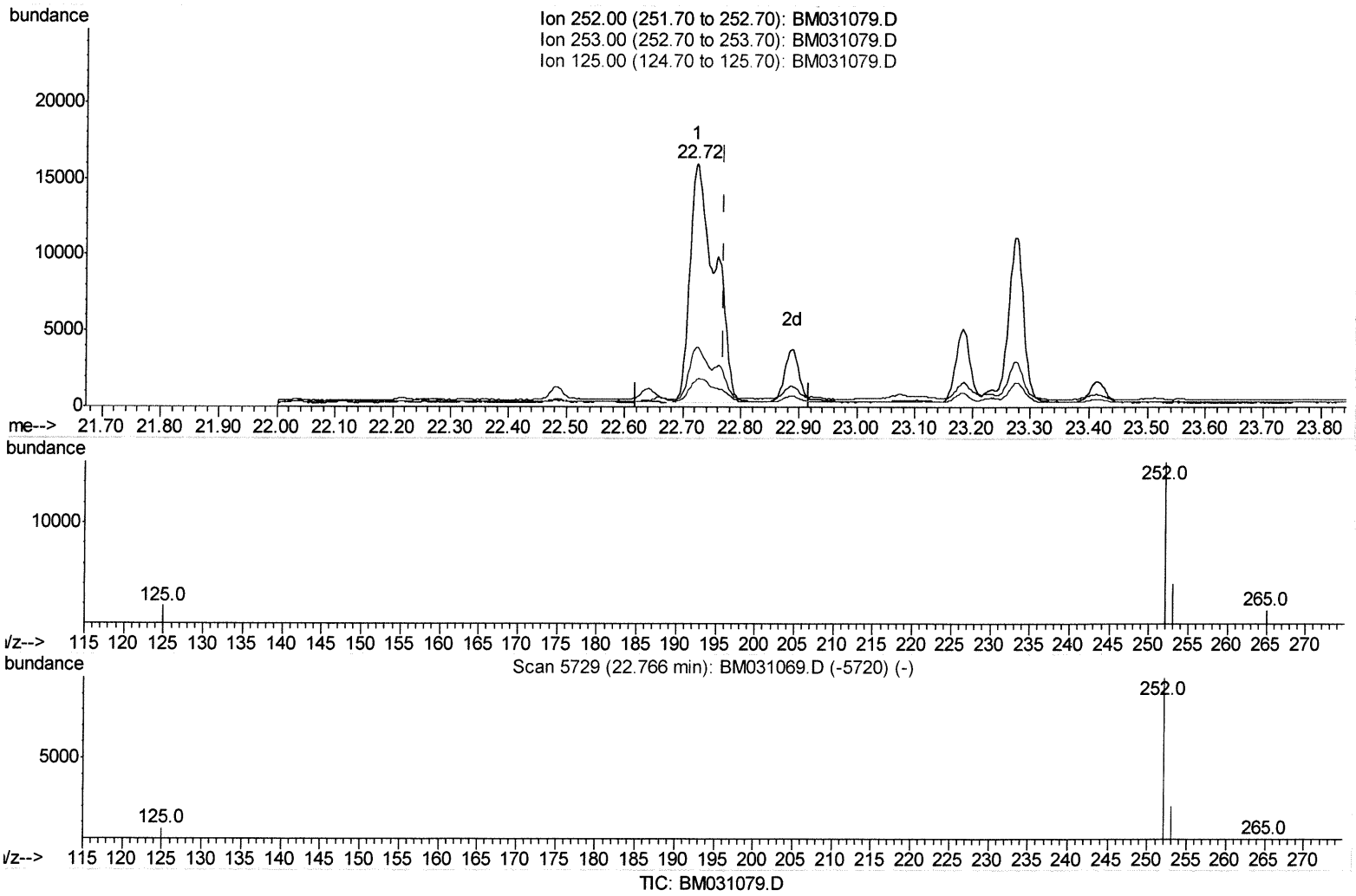
Ion	Exp%	Act%
252.00	100	100
253.00	26.40	24.73
125.00	10.10	11.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031079.D
Acq On : 22 Jul 2021 23:20
Operator : CG/JU
Sample : M2971-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 23 01:31:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE98

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:14 AM



TIC: BM031079.D

(25) Benzo(k)fluoranthene

22.723min (-0.046) 1.14ng/ul

response 47372

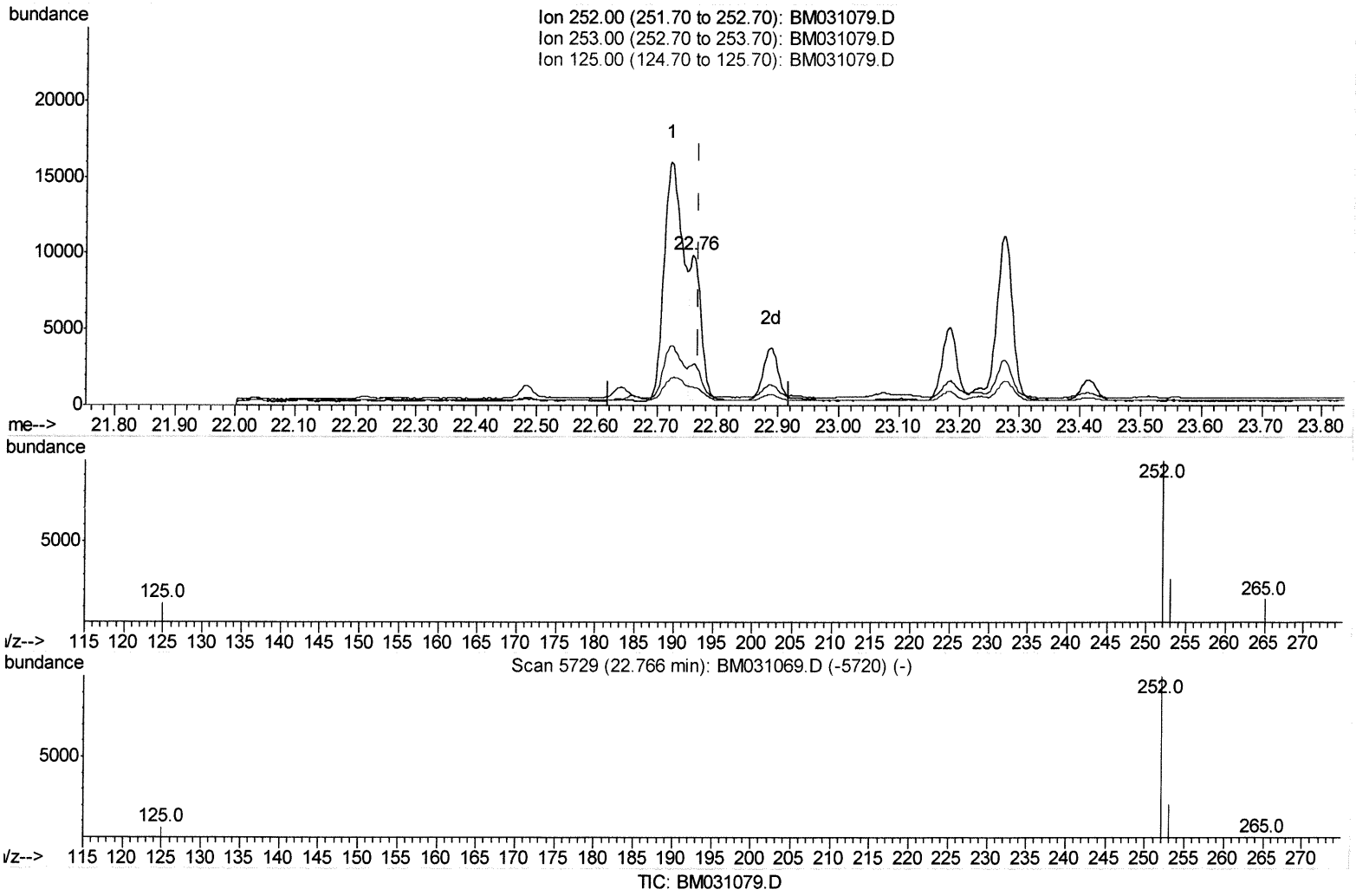
Ion	Exp%	Act%
252.00	100	100
253.00	27.00	24.73
125.00	10.80	11.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031079.D
Acq On : 22 Jul 2021 23:20
Operator : CG/JU
Sample : M2971-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 23 01:31:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE98

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:14 AM



(25) Benzo(k)fluoranthene

22.759min (-0.010) 0.29ng/ul m 07/26/21 JU

response 12220

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	27.45
125.00	10.80	12.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031079.D
Acq On : 22 Jul 2021 23:20
Operator : CG/JU
Sample : M2971-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGE98

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:14 AM

Quant Time: Jul 23 04:00:19 2021
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QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1388	0.40	ng/ul	0.00
4) Naphthalene-d8	10.40	136	5619	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.26	164	3992	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.01	188	8658	0.40	ng/ul	0.00
17) Chrysene-d12	21.19	240	8731	0.40	ng/ul	0.00
23) Perylene-d12	23.37	264	8718	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	3694	2.53	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.99	152	1697	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.04	212	4963	0.19	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.45	128	2388	0.142	ng/ul	96
7) 2-Methylnaphthalene	12.07	142	342	0.028	ng/ul	97
10) Acenaphthylene	13.98	152	1095	0.067	ng/ul#	91
11) Acenaphthene	14.33	153	486	0.034	ng/ul	92
12) Fluorene	15.32	166	767	0.045	ng/ul#	92
15) Phenanthrene	17.05	178	11021	0.401	ng/ul	99
16) Anthracene	17.14	178	3811	0.148	ng/ul	99
19) Fluoranthene	19.07	202	38469	1.094	ng/ul	98
20) Pyrene	19.43	202	34446	0.960	ng/ul	99
21) Benzo(a)anthracene	21.18	228	26700	0.766	ng/ul	95
22) Chrysene	21.23	228	25390	0.673	ng/ul	97
24) Benzo(b)fluoranthene	22.72	252	34924m	0.852	ng/ul	
25) Benzo(k)fluoranthene	22.76	252	12220m	0.294	ng/ul	
26) Benzo(a)pyrene	23.28	252	19499	0.550	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.52	276	12297	0.265	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.53	278	3936	0.106	ng/ul#	80
29) Benzo(g,h,i)perylene	26.18	276	905	0.023	ng/ul#	52

07/26/21 JU

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