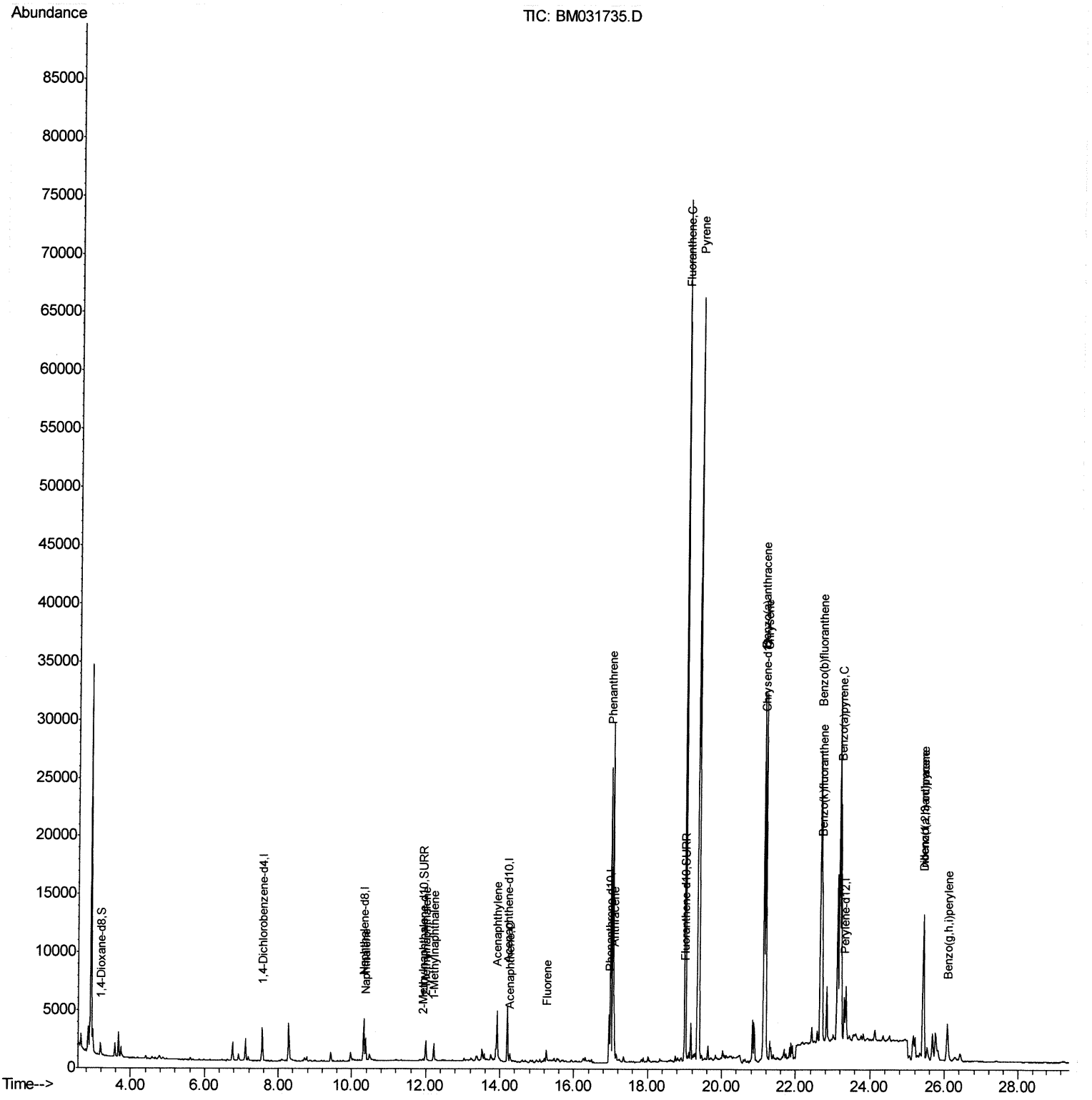
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031735.D
Acq On : 14 Aug 2021 04:20
Operator : CG/JU
Sample : M3208-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 04:55:10 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 : Sat Aug 14 03:22:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:58 AM

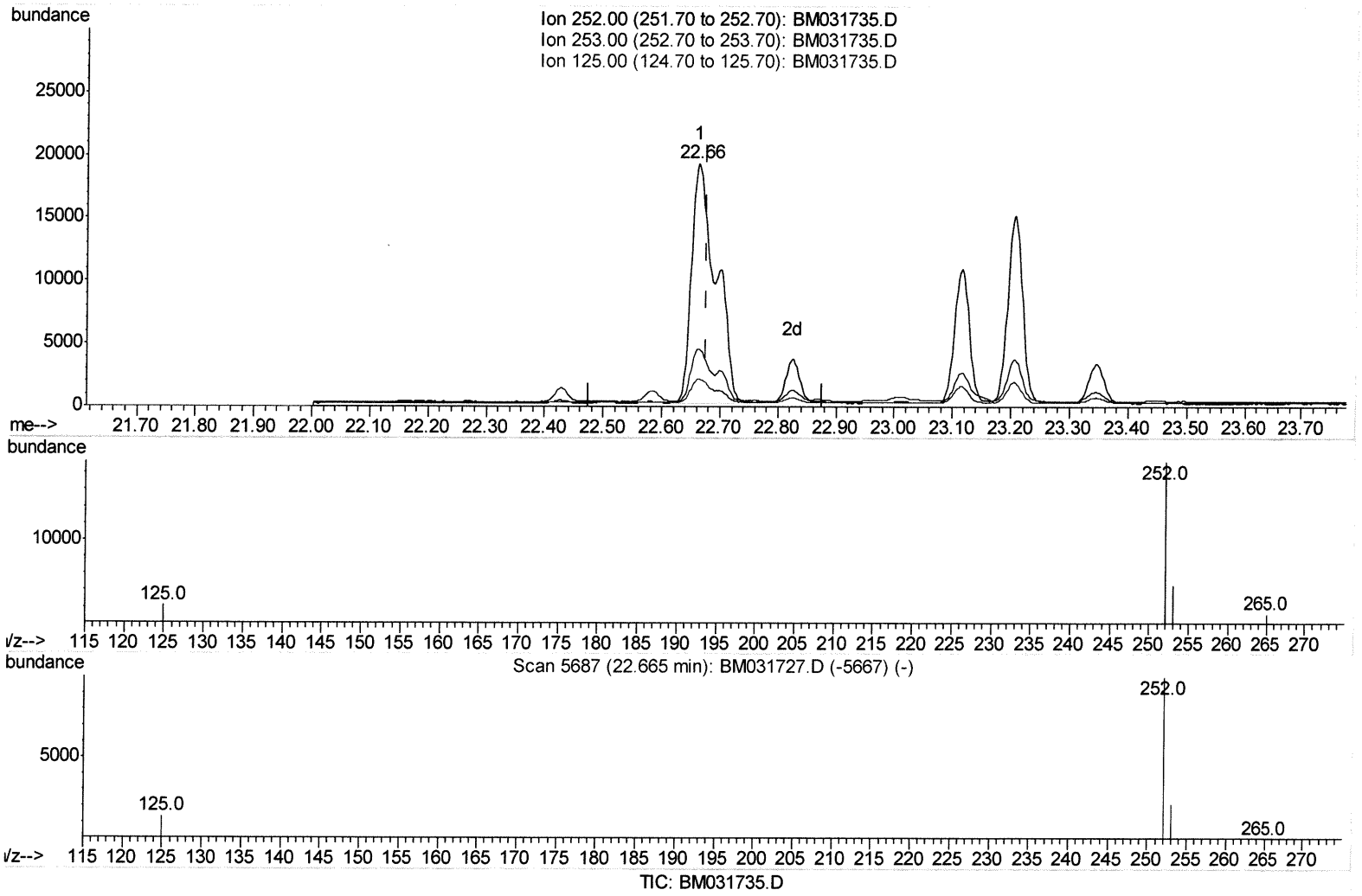


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031735.D
Acq On : 14 Aug 2021 04:20
Operator : CG/JU
Sample : M3208-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 04:51:05 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 : Sat Aug 14 03:22:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:58 AM



(24) Benzo(b)fluoranthene

22.662min (-0.014) 2.77ng/ul

response 55600

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.71
125.00	11.40	11.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031735.D
Acq On : 14 Aug 2021 04:20
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ClientSampleId :
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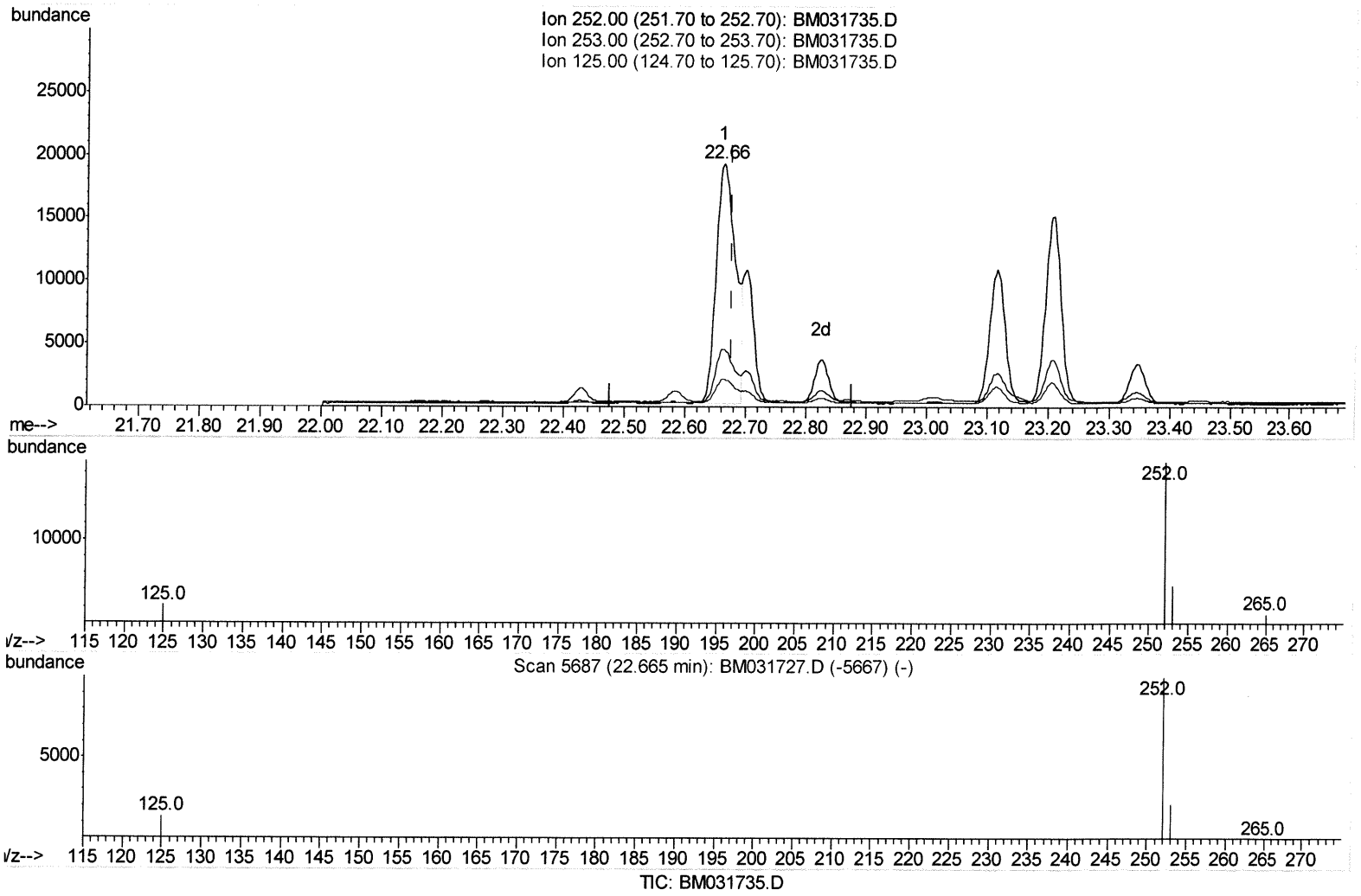
Manual Integrations APPROVED
mohammad
8/16/2021 8:40:58 AM



(24) Benzo(b)fluoranthene

22.662min (-0.014) 2.08ng/ul m JCU 8/16/21

response 41719

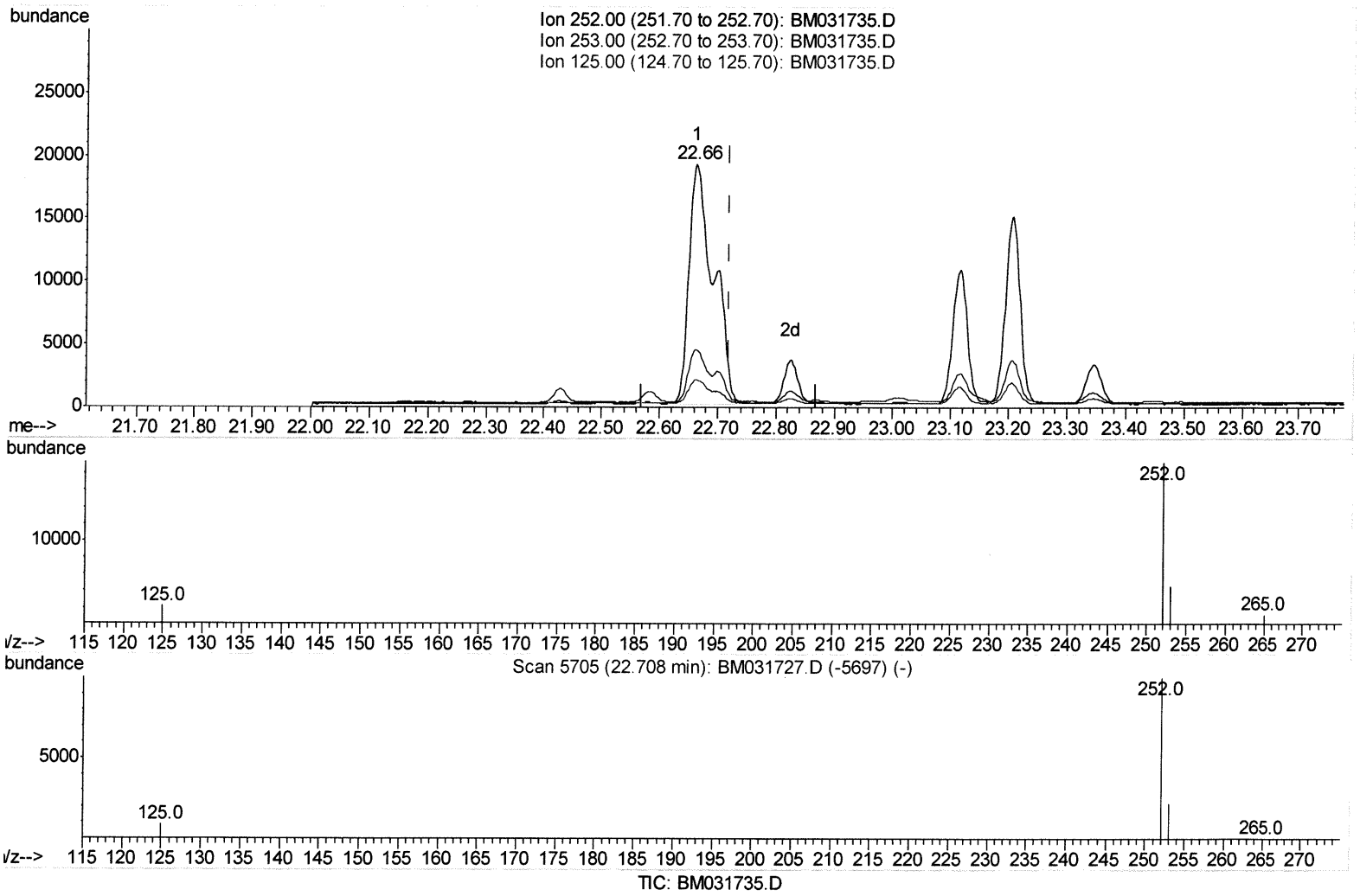
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.71
125.00	11.40	11.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031735.D
Acq On : 14 Aug 2021 04:20
Operator : CG/JU
Sample : M3208-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 04:54:15 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 : Sat Aug 14 03:22:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:58 AM



(25) Benzo(k)fluoranthene

22.662min (-0.058) 2.68ng/ul

response 55600

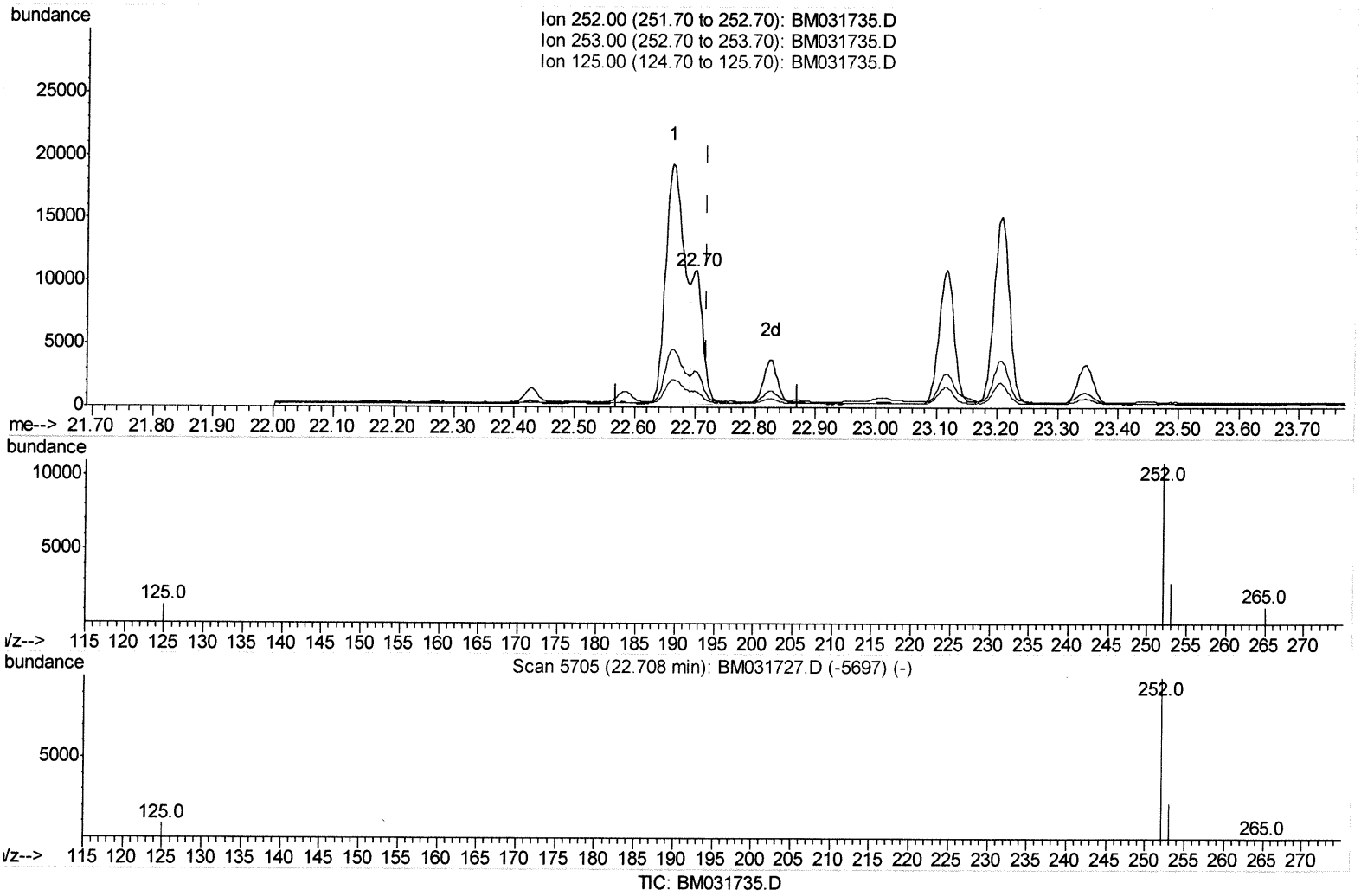
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.71
125.00	11.00	11.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031735.D
Acq On : 14 Aug 2021 04:20
Operator : CG/JU
Sample : M3208-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 04:54:15 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 : Sat Aug 14 03:22:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:58 AM



(25) Benzo(k)fluoranthene

22.701min (-0.019) 0.67ng/ul m

JG 8/16/21

response 13888

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.00
125.00	11.00	11.68
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031735.D
Acq On : 14 Aug 2021 04:20
Operator : CG/JU
Sample : M3208-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:58 AM

Quant Time: Aug 14 04:55:10 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 : Sat Aug 14 03:22:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1390	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	4930	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2667	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.95	188	5128	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4454	0.40	ng/ul	-0.01
23) Perylene-d12	23.30	264	4461	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	777	0.50	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	262	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	460	0.03	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	2750	0.187	ng/ul	96
7) 2-Methylnaphthalene	12.00	142	1402	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	1046	0.106	ng/ul	100
10) Acenaphthylene	13.92	152	5895	0.519	ng/ul	100
11) Acenaphthene	14.26	153	479	0.050	ng/ul#	92
12) Fluorene	15.26	166	781	0.071	ng/ul#	92
15) Phenanthrene	16.99	178	27408	1.683	ng/ul	98
16) Anthracene	17.09	178	5869	0.385	ng/ul	98
19) Fluoranthene	19.01	202	64667	3.400	ng/ul	98
20) Pyrene	19.38	202	55196	2.861	ng/ul	99
21) Benzo(a)anthracene	21.13	228	26470	1.472	ng/ul	96
22) Chrysene	21.18	228	29959	1.610	ng/ul	97
24) Benzo(b)fluoranthene	22.66	252	41719m	2.076	ng/ul	
25) Benzo(k)fluoranthene	22.70	252	13888m	0.669	ng/ul	
26) Benzo(a)pyrene	23.21	252	26431	1.502	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.43	276	19715	0.866	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.43	278	4808	0.262	ng/ul#	84
29) Benzo(g,h,i)perylene	26.08	276	6636	0.342	ng/ul#	91

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