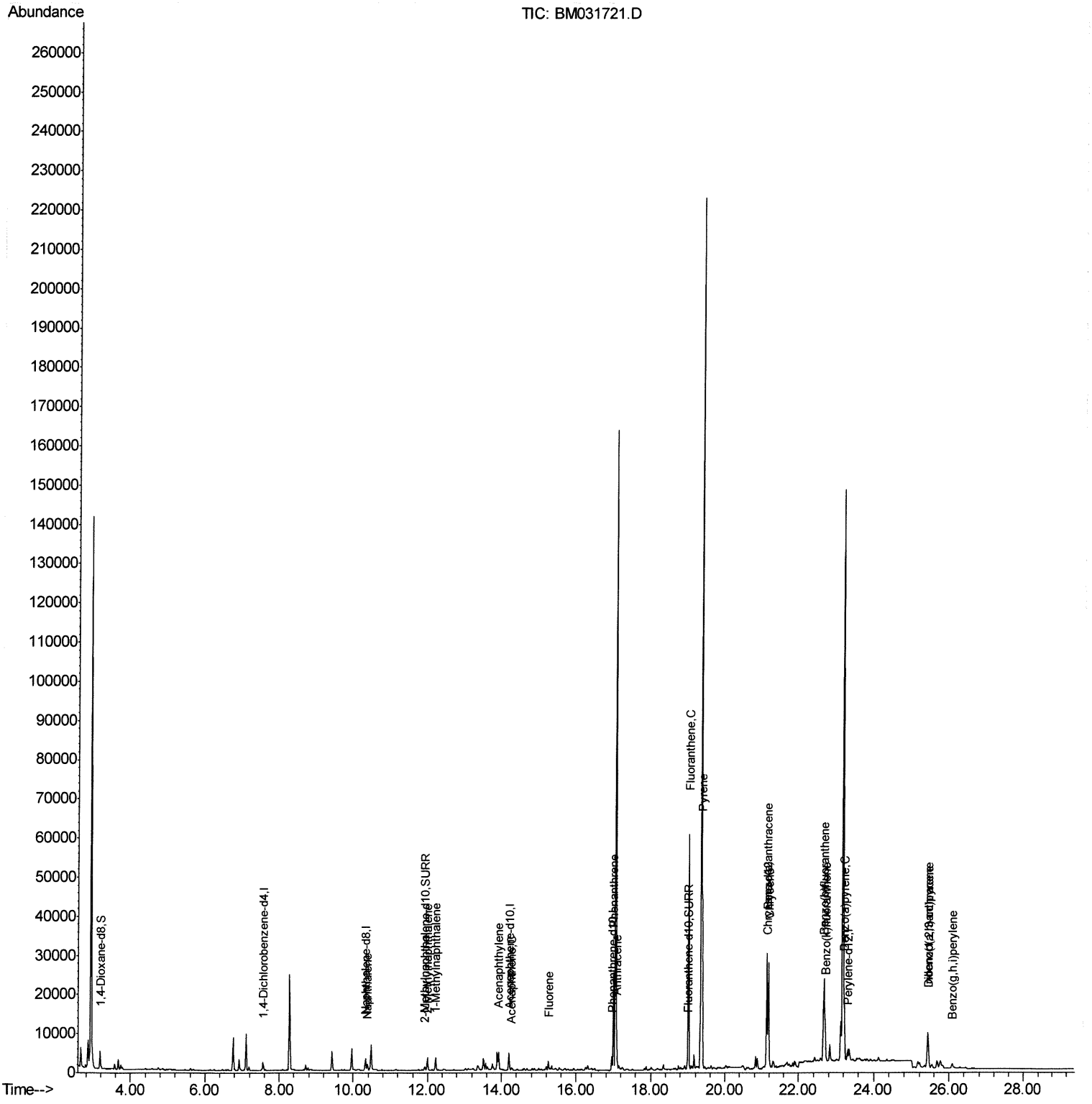
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031721.D
Acq On : 13 Aug 2021 18:59
Operator : CG/JU
Sample : M3208-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 01:03:16 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 :
C00E5

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:15 AM

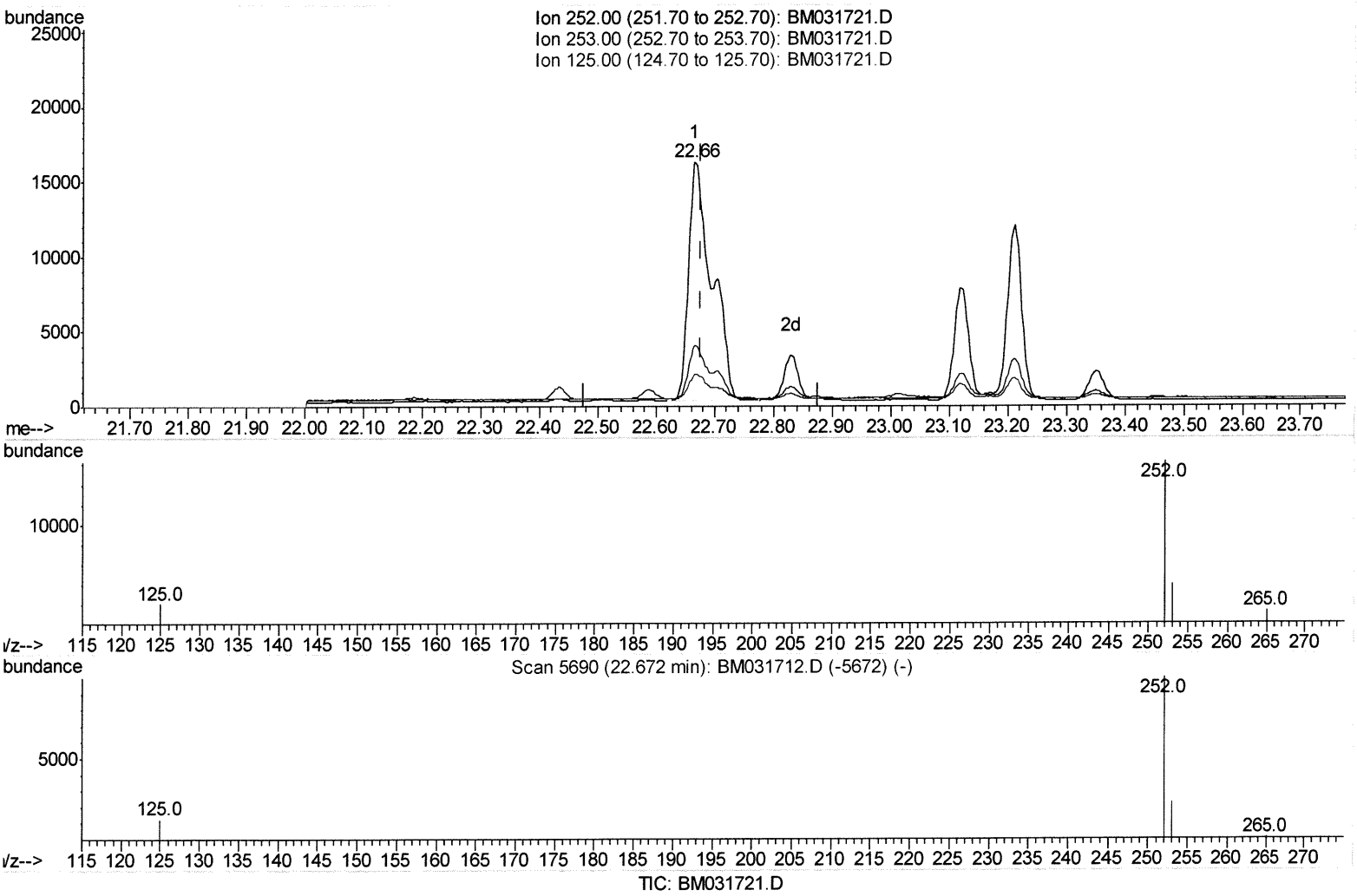


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031721.D
Acq On : 13 Aug 2021 18:59
Operator : CG/JU
Sample : M3208-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 01:00:48 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 :
C00E5

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:15 AM



(24) Benzo(b)fluoranthene

22.665min (-0.012) 2.89ng/ul

response 44310

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.52
125.00	11.40	12.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031721.D
Acq On : 13 Aug 2021 18:59
Operator : CG/JU
Sample : M3208-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 01:00:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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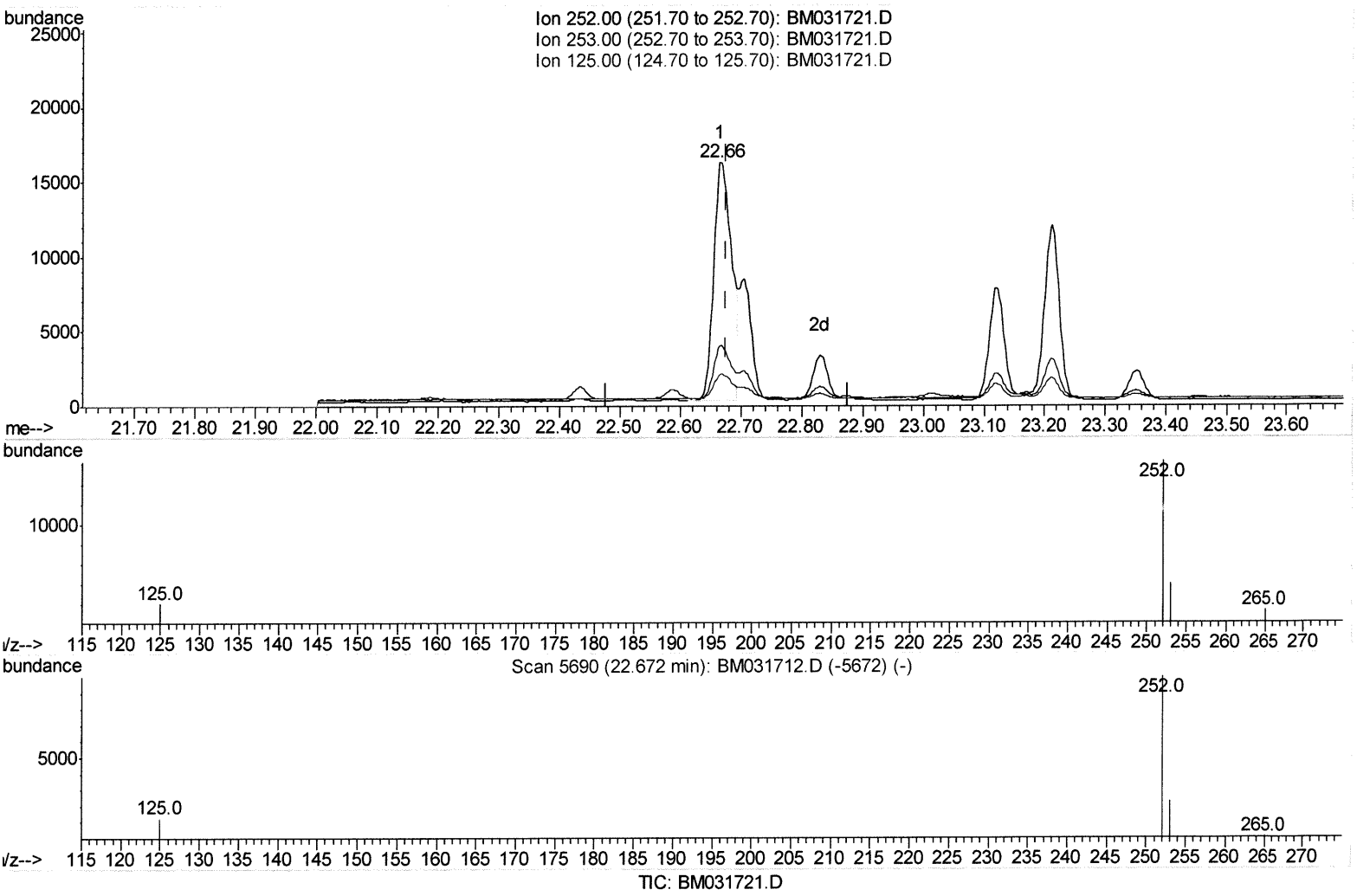
Manual Integrations APPROVED
mohammad
8/16/2021 8:40:15 AM



(24) Benzo(b)fluoranthene

22.665min (-0.012) 2.12ng/ul m

response 32458

JG 8/16/21

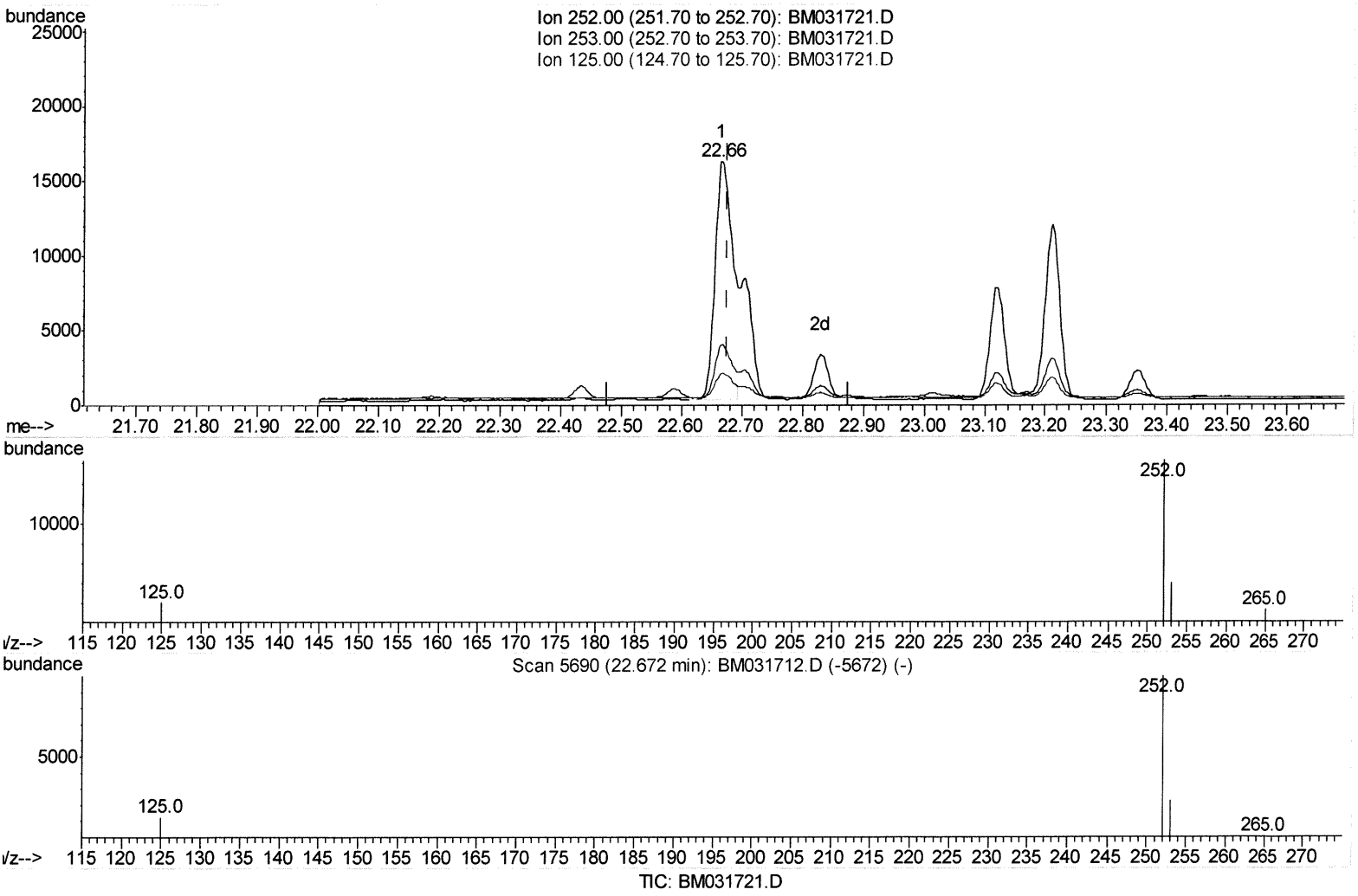
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.52
125.00	11.40	12.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031721.D
Acq On : 13 Aug 2021 18:59
Operator : CG/JU
Sample : M3208-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 01:02:19 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 :
C00E5

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:15 AM



(24) Benzo(b)fluoranthene

22.665min (-0.012) 2.12ng/ul m

response 32458

JU 8/16/21

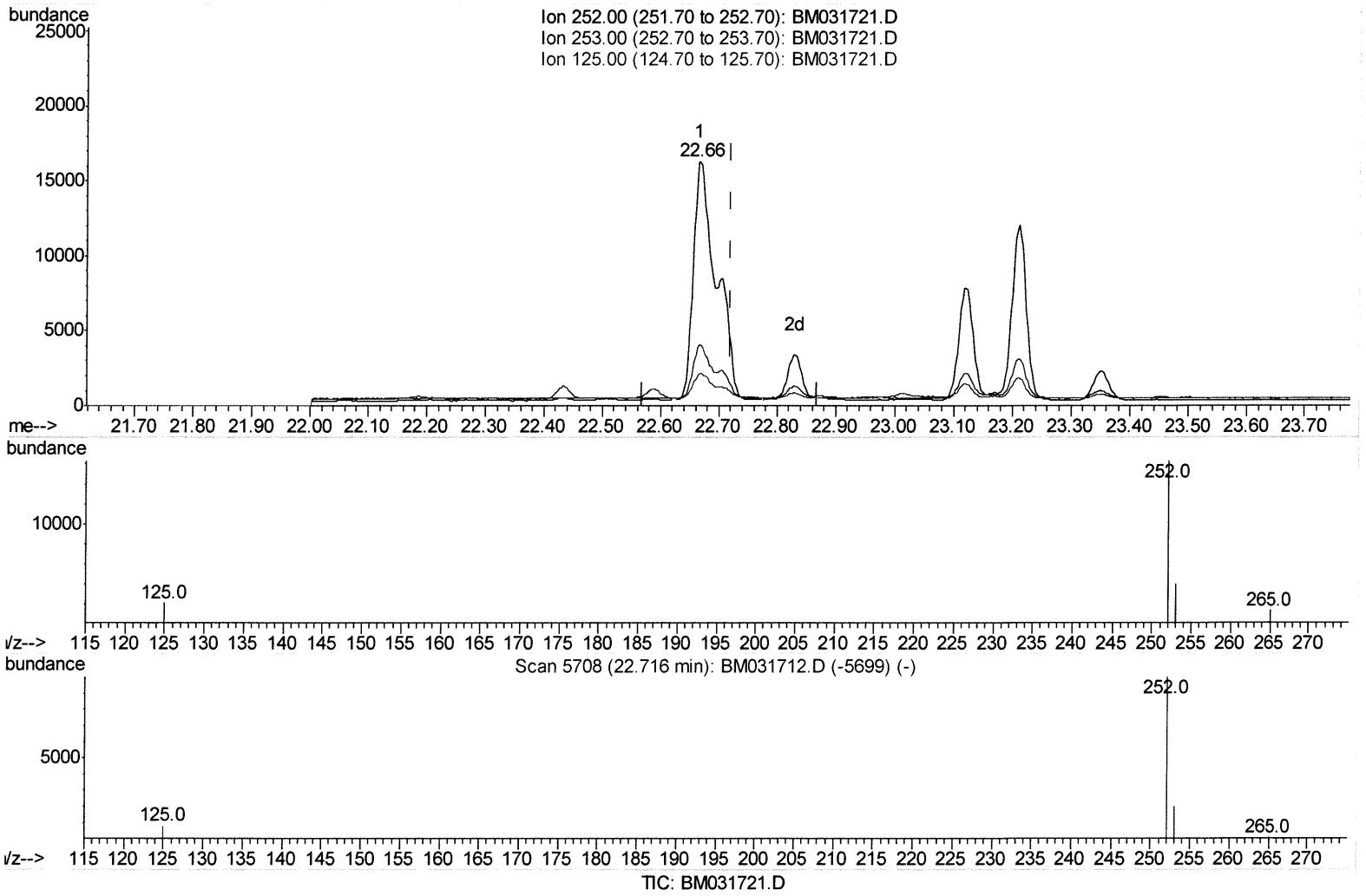
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.52
125.00	11.40	12.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031721.D
Acq On : 13 Aug 2021 18:59
Operator : CG/JU
Sample : M3208-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 01:02:19 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 :
C00E5

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:15 AM



TIC: BM031721.D

(25) Benzo(k)fluoranthene

22.665min (-0.055) 2.80ng/ul

response 44310

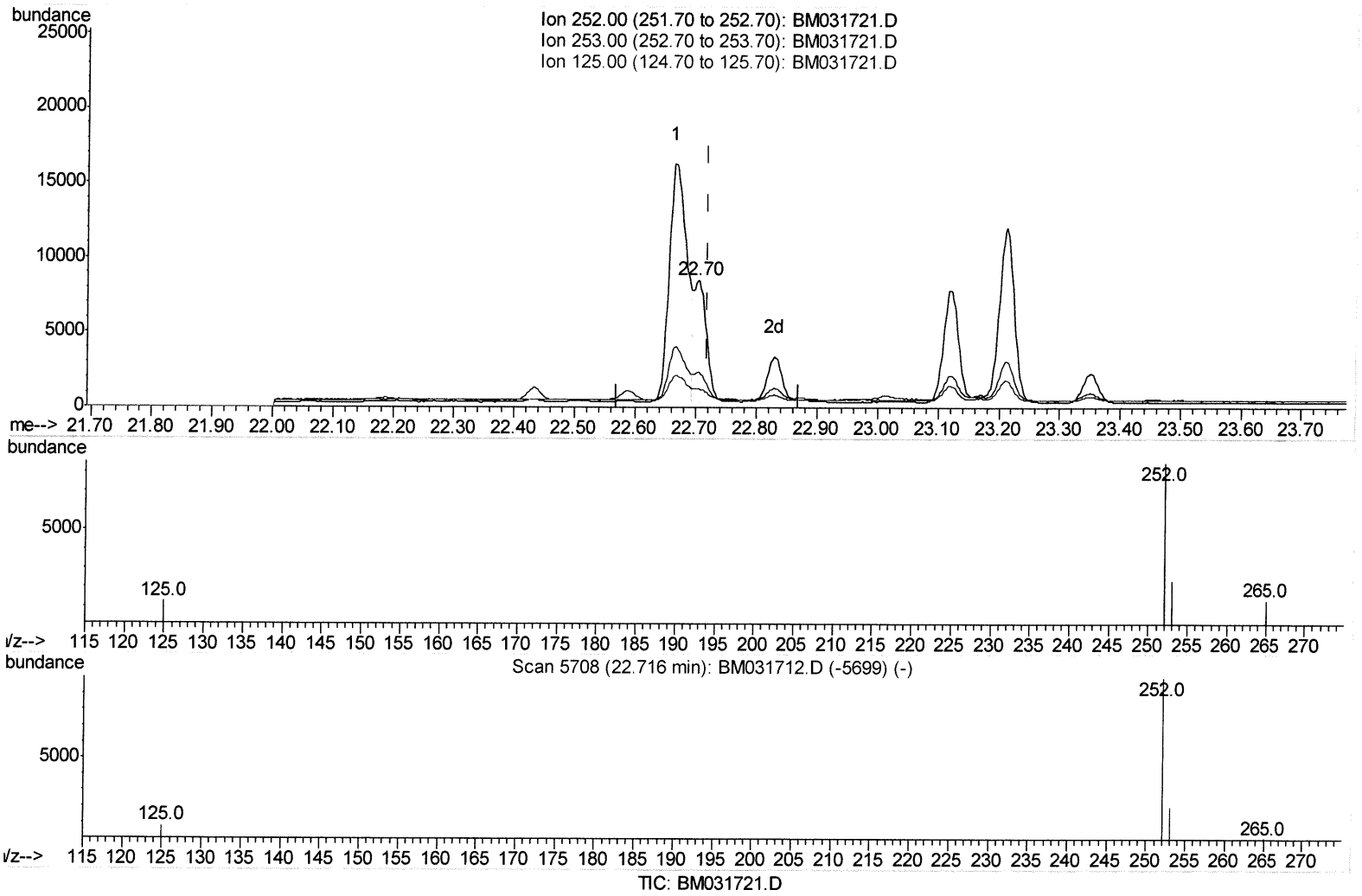
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.52
125.00	11.00	12.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031721.D
Acq On : 13 Aug 2021 18:59
Operator : CG/JU
Sample : M3208-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 01:02:19 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 :
C00E5

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:15 AM



(25) Benzo(k)fluoranthene

22.703min (-0.017) 0.75ng/ul m JU 8/16/21

response 11846

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.66
125.00	11.00	14.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031721.D
Acq On : 13 Aug 2021 18:59
Operator : CG/JU
Sample : M3208-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 01:03:16 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 : C00E5

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1034	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	3913	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2298	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4242	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3527	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3400	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2972	2.59	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1182	0.18	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	2573	0.22	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	2200	0.189	ng/ul#	94
7) 2-Methylnaphthalene	12.00	142	2313	0.290	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	2269	0.288	ng/ul	100
10) Acenaphthylene	13.92	152	5635	0.576	ng/ul	99
11) Acenaphthene	14.27	153	472	0.057	ng/ul#	91
12) Fluorene	15.26	166	1301	0.137	ng/ul#	93
15) Phenanthrene	16.99	178	26610	1.975	ng/ul	97
16) Anthracene	17.09	178	5883	0.466	ng/ul	98
19) Fluoranthene	19.02	202	51956	3.450	ng/ul	96
20) Pyrene	19.38	202	42964	2.813	ng/ul	97
21) Benzo(a)anthracene	21.13	228	24601	1.727	ng/ul	93
22) Chrysene	21.19	228	26291	1.784	ng/ul	97
24) Benzo(b)fluoranthene	22.66	252	32458m	2.119	ng/ul	
25) Benzo(k)fluoranthene	22.70	252	11846m	0.748	ng/ul	
26) Benzo(a)pyrene	23.21	252	19986	1.490	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.43	276	14358	0.828	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.44	278	3982	0.285	ng/ul#	73
29) Benzo(g,h,i)perylene	26.09	276	2308	0.156	ng/ul#	72

JU 8/16/21

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