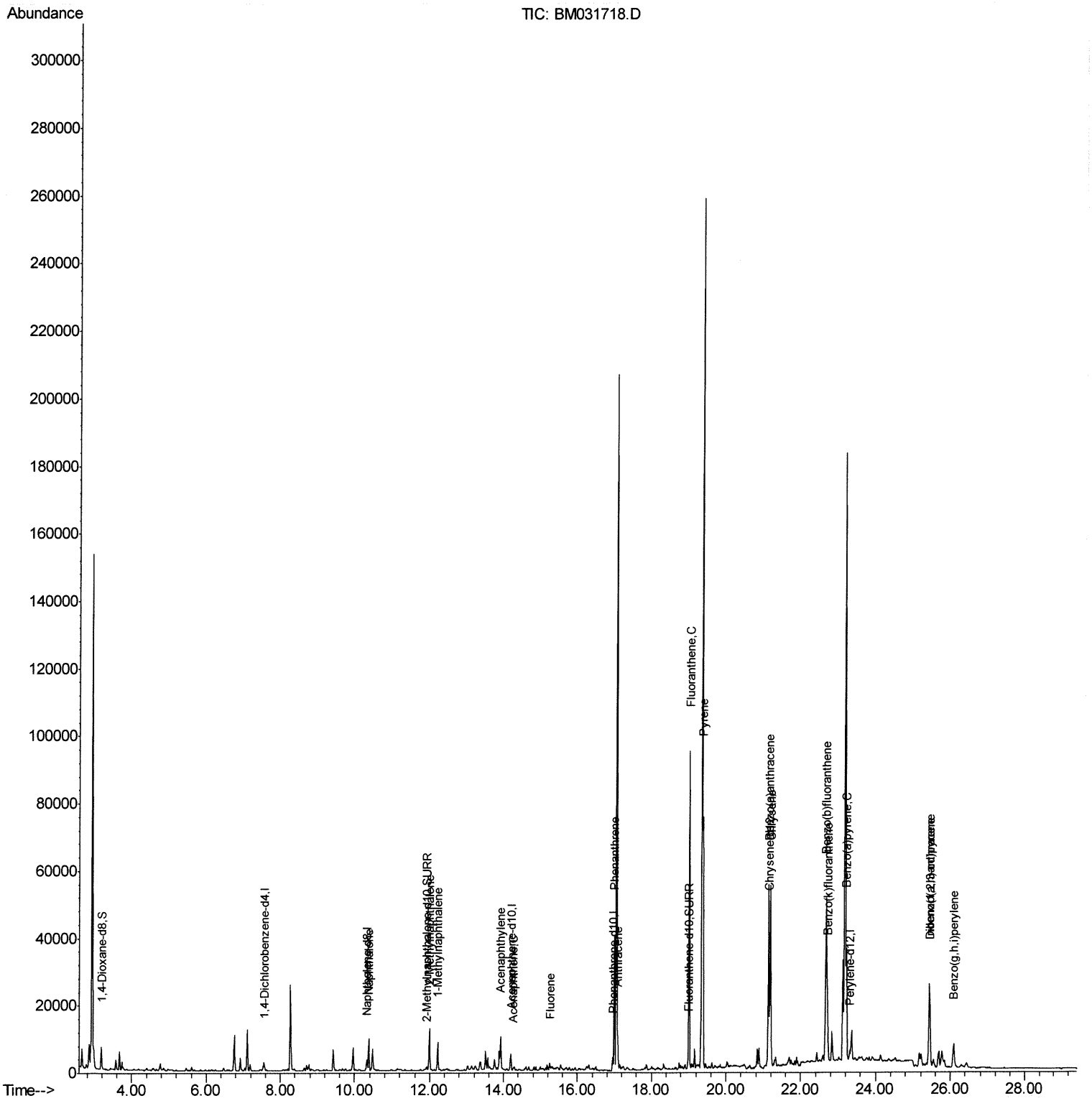
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031718.D
Acq On : 13 Aug 2021 17:05
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 17:38:02 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 :
C00E3

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:05 AM

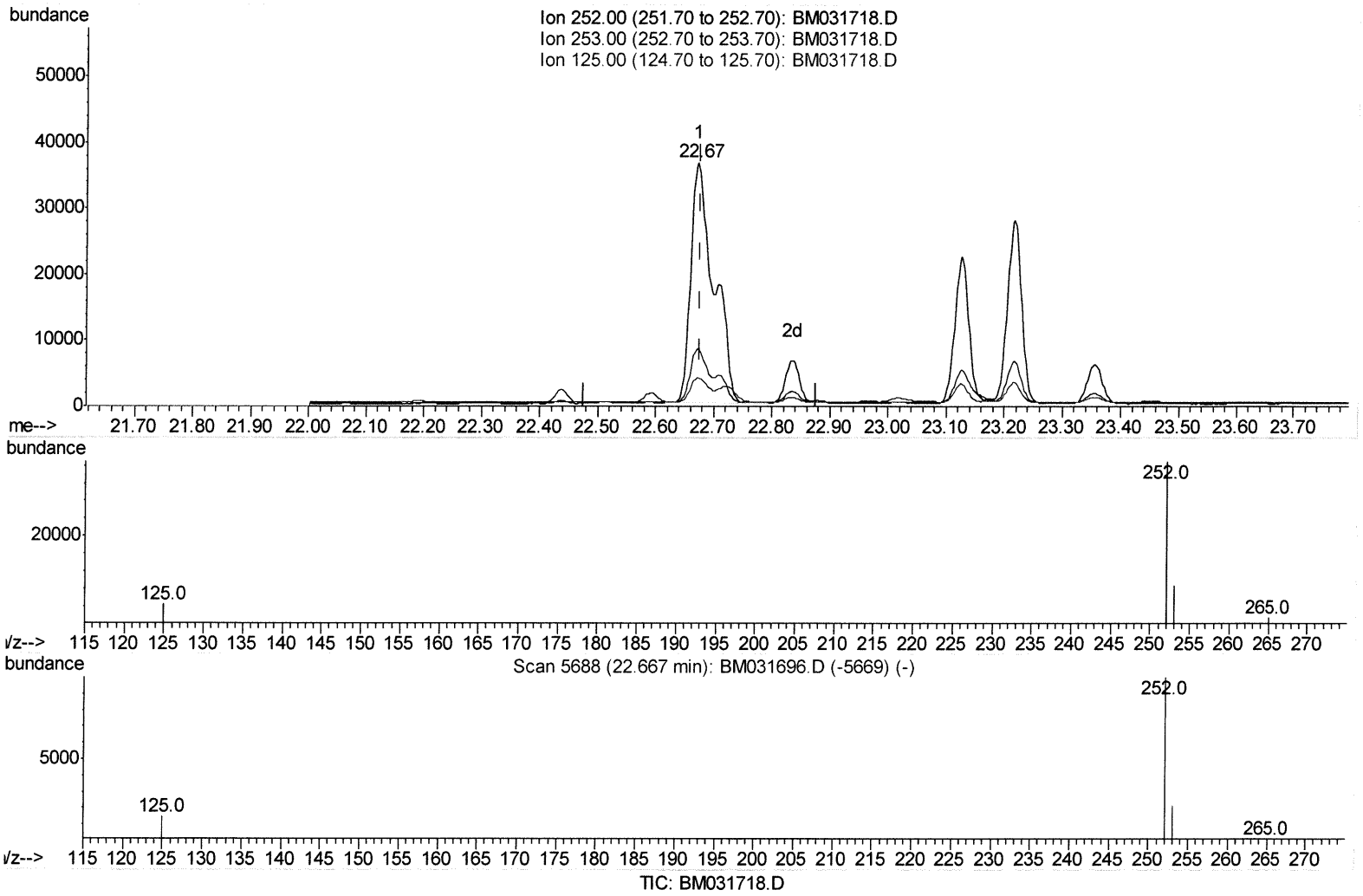


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031718.D
Acq On : 13 Aug 2021 17:05
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 17:36:58 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 :
C00E3

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:05 AM



(24) Benzo(b)fluoranthene

22.673min (-0.004) 6.06ng/ul

response 100797

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.78
125.00	11.40	11.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031718.D
Acq On : 13 Aug 2021 17:05
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 17:36:58 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
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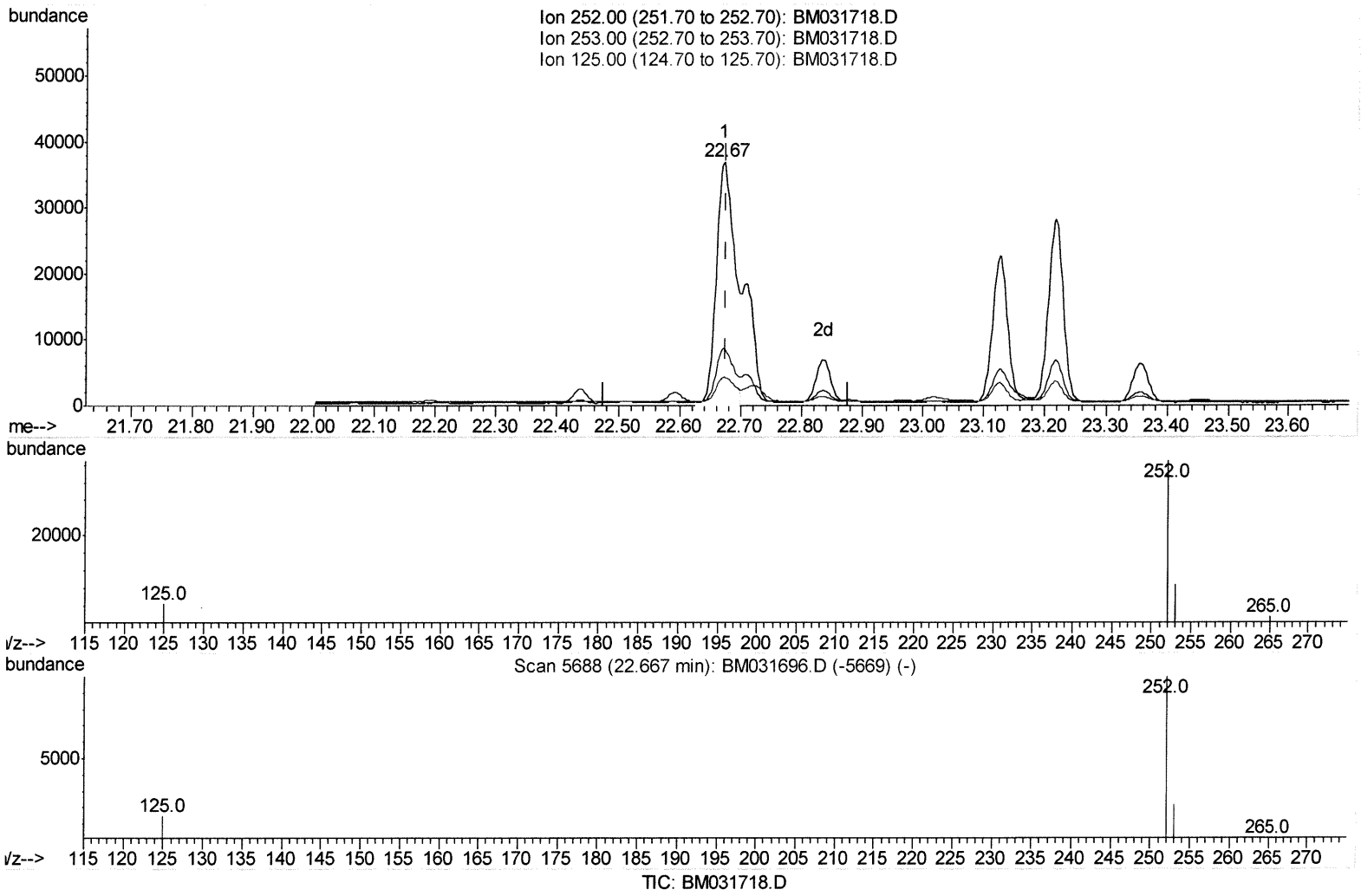
BNA_M
ClientSampleId :
C00E3

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:05 AM



(24) Benzo(b)fluoranthene

22.673min (-0.004) 4.63ng/ul m

response 76972

JU 8/16/21

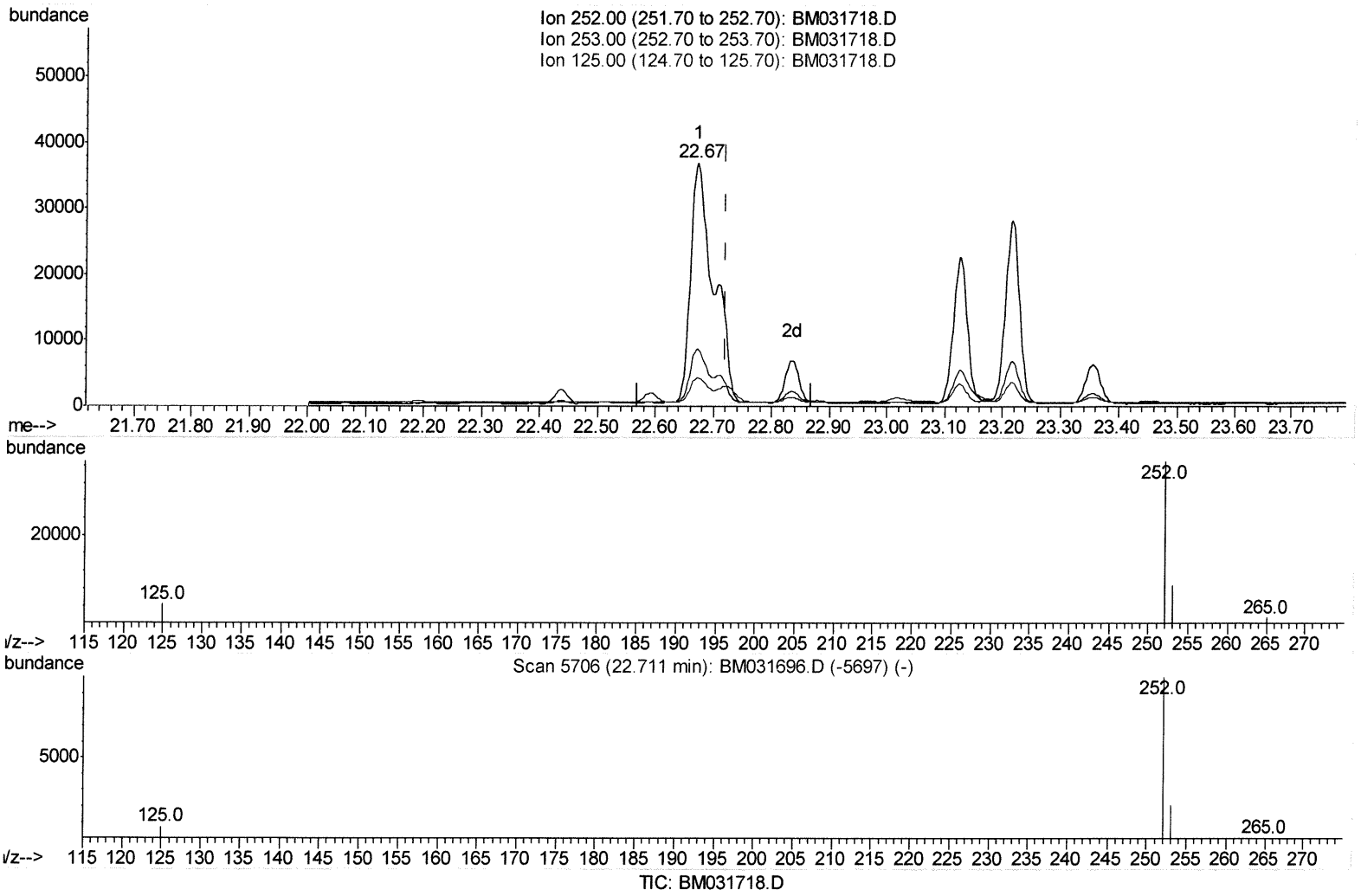
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.78
125.00	11.40	11.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031718.D
Acq On : 13 Aug 2021 17:05
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 17:36:58 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 :
C00E3

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:05 AM



(25) Benzo(k)fluoranthene

22.673min (-0.048) 5.86ng/ul

response 100797

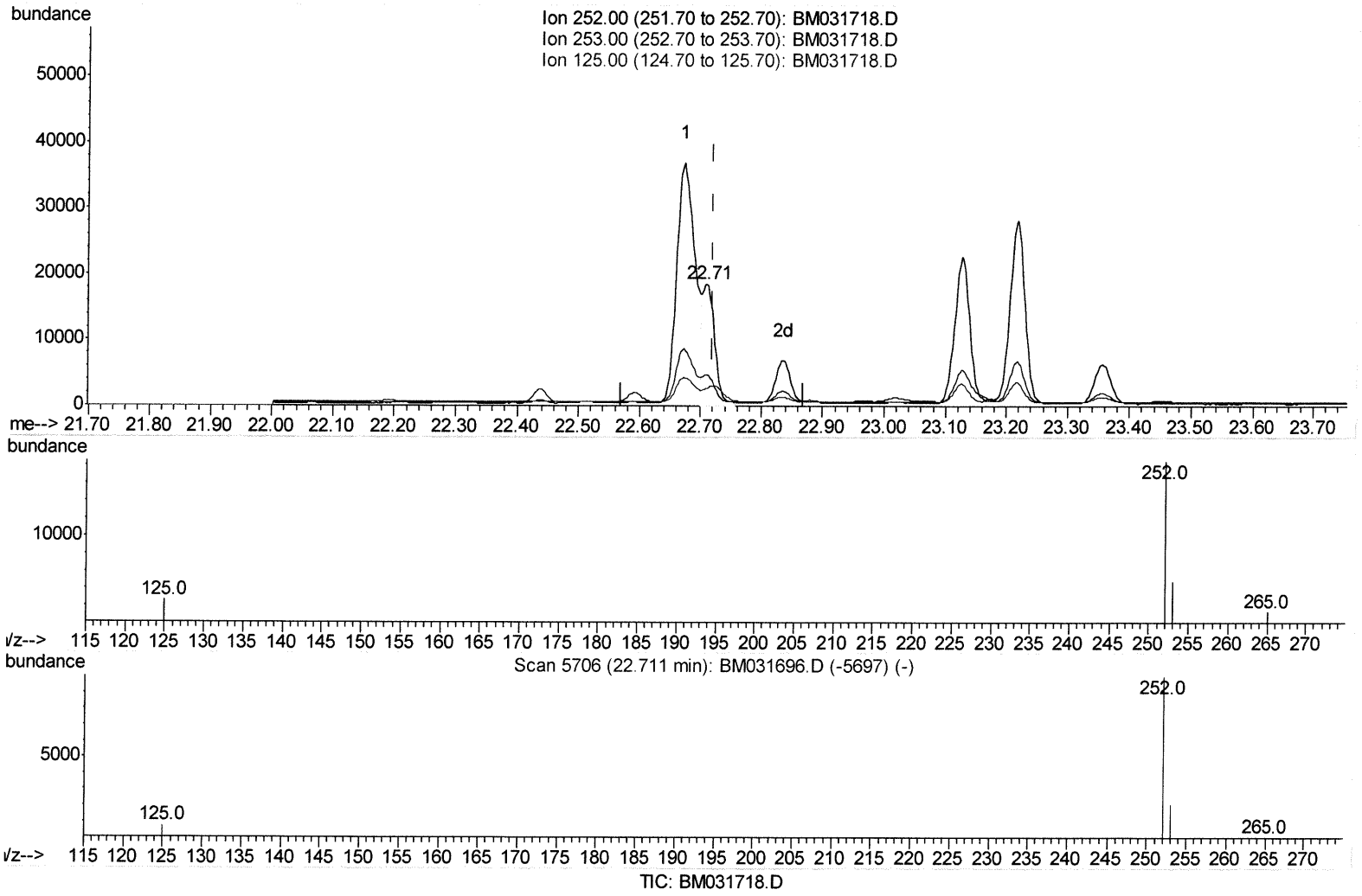
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.78
125.00	11.00	11.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031718.D
Acq On : 13 Aug 2021 17:05
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 17:36:58 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 :
C00E3

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:05 AM



(25) Benzo(k)fluoranthene

22.709min (-0.011) 1.58ng/ul m JU 8/16/21

response 27079

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.75
125.00	11.00	14.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031718.D
Acq On : 13 Aug 2021 17:05
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00E3

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:05 AM

Quant Time: Aug 13 17:38:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1133	0.40 ng/ul	0.00
4) Naphthalene-d8	10.32	136	4155	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2516	0.40 ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4611	0.40 ng/ul	-0.01
17) Chrysene-d12	21.15	240	3874	0.40 ng/ul	0.00
23) Perylene-d12	23.31	264	3692	0.40 ng/ul	-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.18	96	4338	3.45 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1483	0.21 ng/ul	-0.01
18) Fluoranthene-d10	18.98	212	3046	0.24 ng/ul	-0.01
Target Compounds					Qvalue
5) Naphthalene	10.37	128	12315	0.995 ng/ul	98
7) 2-Methylnaphthalene	12.00	142	8828	1.044 ng/ul	99
8) 1-Methylnaphthalene	12.22	142	5619	0.673 ng/ul	99
10) Acenaphthylene	13.92	152	12149	1.134 ng/ul	99
11) Acenaphthene	14.26	153	780	0.086 ng/ul#	92
12) Fluorene	15.26	166	1046	0.101 ng/ul#	84
15) Phenanthrene	16.99	178	41975	2.867 ng/ul	98
16) Anthracene	17.08	178	10561	0.770 ng/ul	99
19) Fluoranthene	19.02	202	80846	4.887 ng/ul#	96
20) Pyrene	19.38	202	69551	4.145 ng/ul	97
21) Benzo(a)anthracene	21.14	228	44202	2.826 ng/ul	93
22) Chrysene	21.19	228	54134	3.345 ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	76972m	4.627 ng/ul	
25) Benzo(k)fluoranthene	22.71	252	27079m	1.576 ng/ul	
26) Benzo(a)pyrene	23.22	252	47501	3.261 ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.44	276	38078	2.022 ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	9907	0.653 ng/ul#	88
29) Benzo(g,h,i)perylene	26.09	276	14180	0.883 ng/ul#	95

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