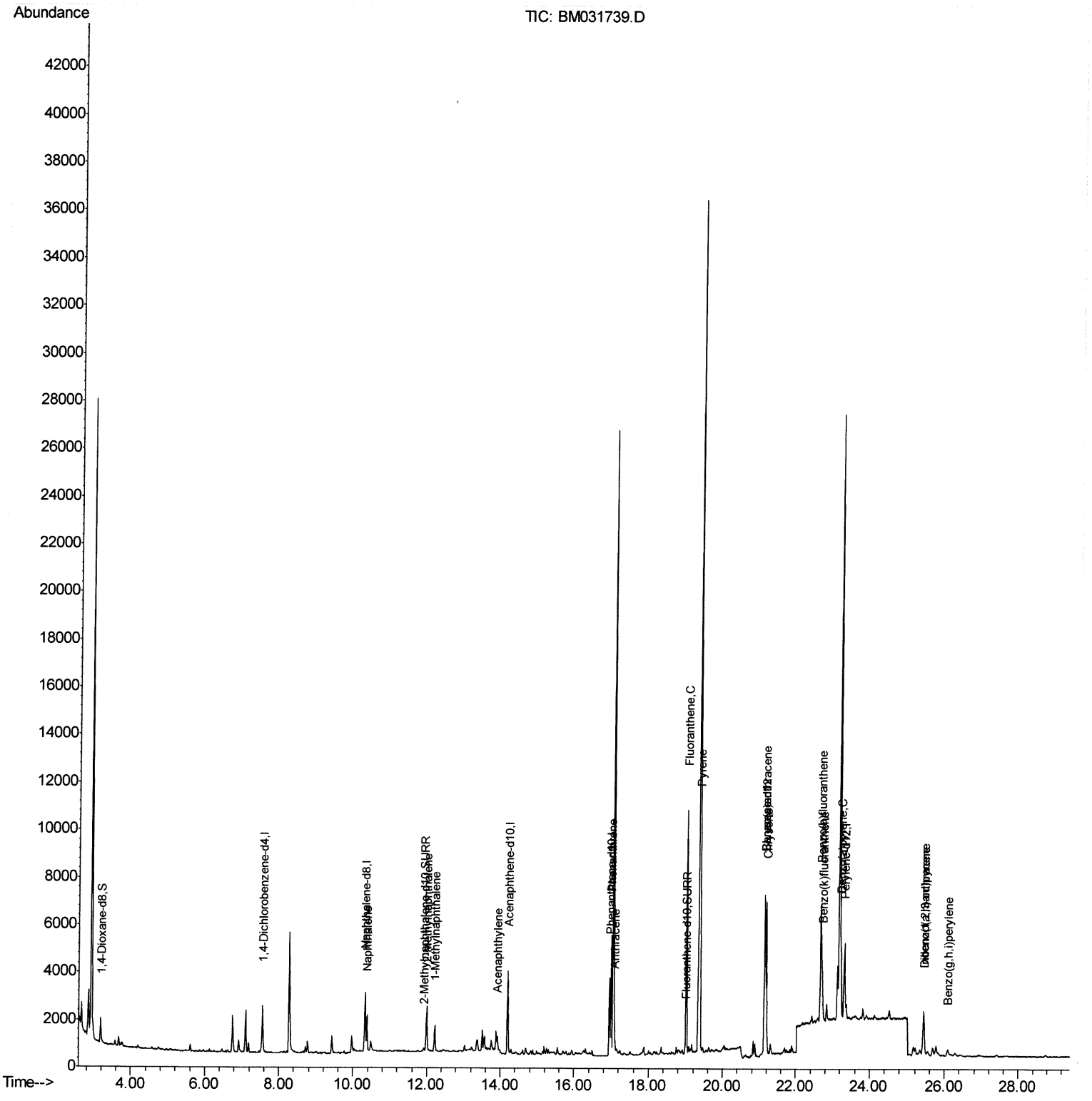
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031739.D
Acq On : 14 Aug 2021 09:03
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 14 09:35:48 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 :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:12 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031739.D
Acq On : 14 Aug 2021 09:03
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 14 09:33:18 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 :
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Manual Integrations APPROVED
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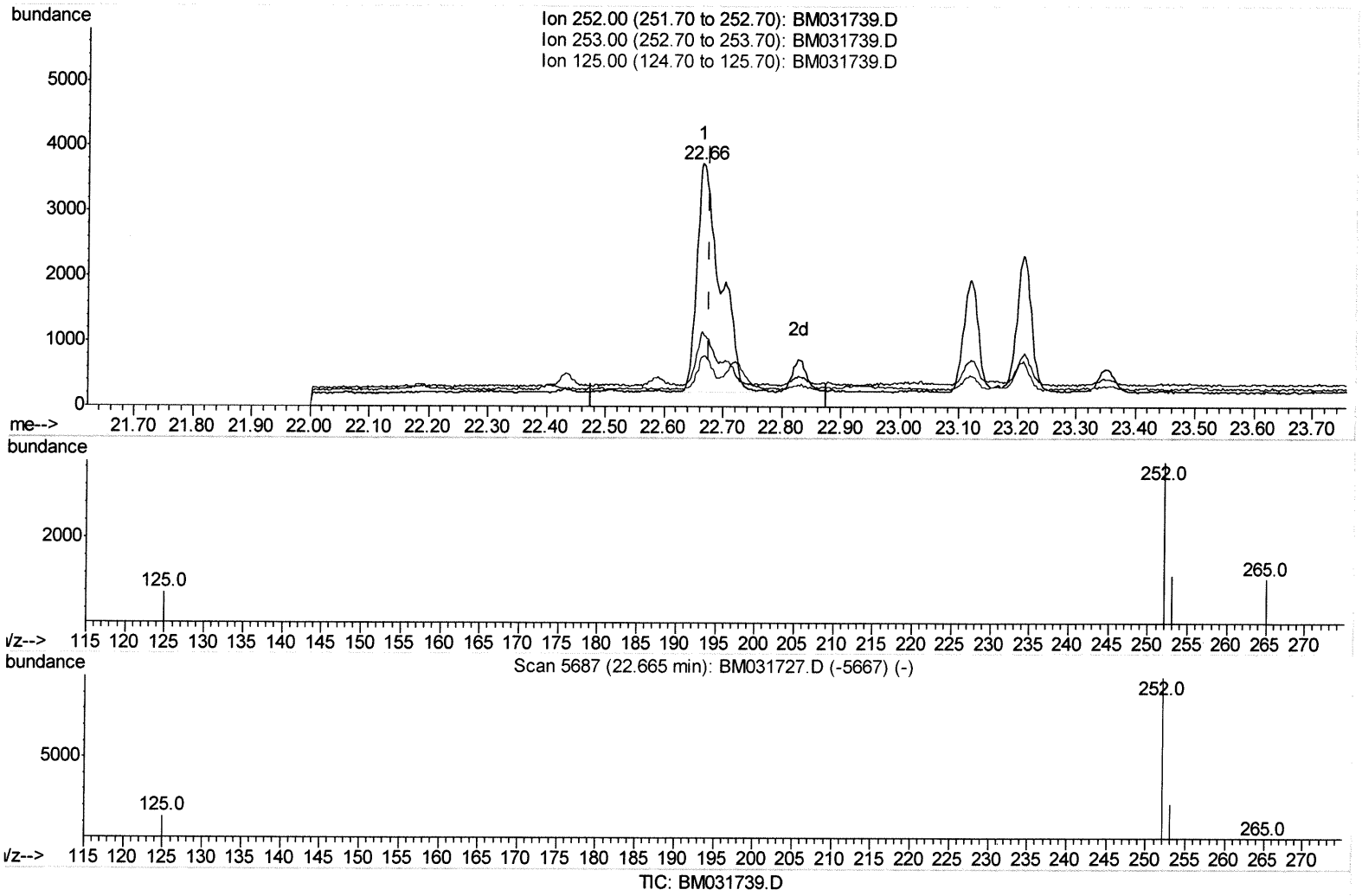

(24) Benzo(b)fluoranthene

22.665min (-0.012) 0.53ng/ul

response 9692

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.86
125.00	11.40	20.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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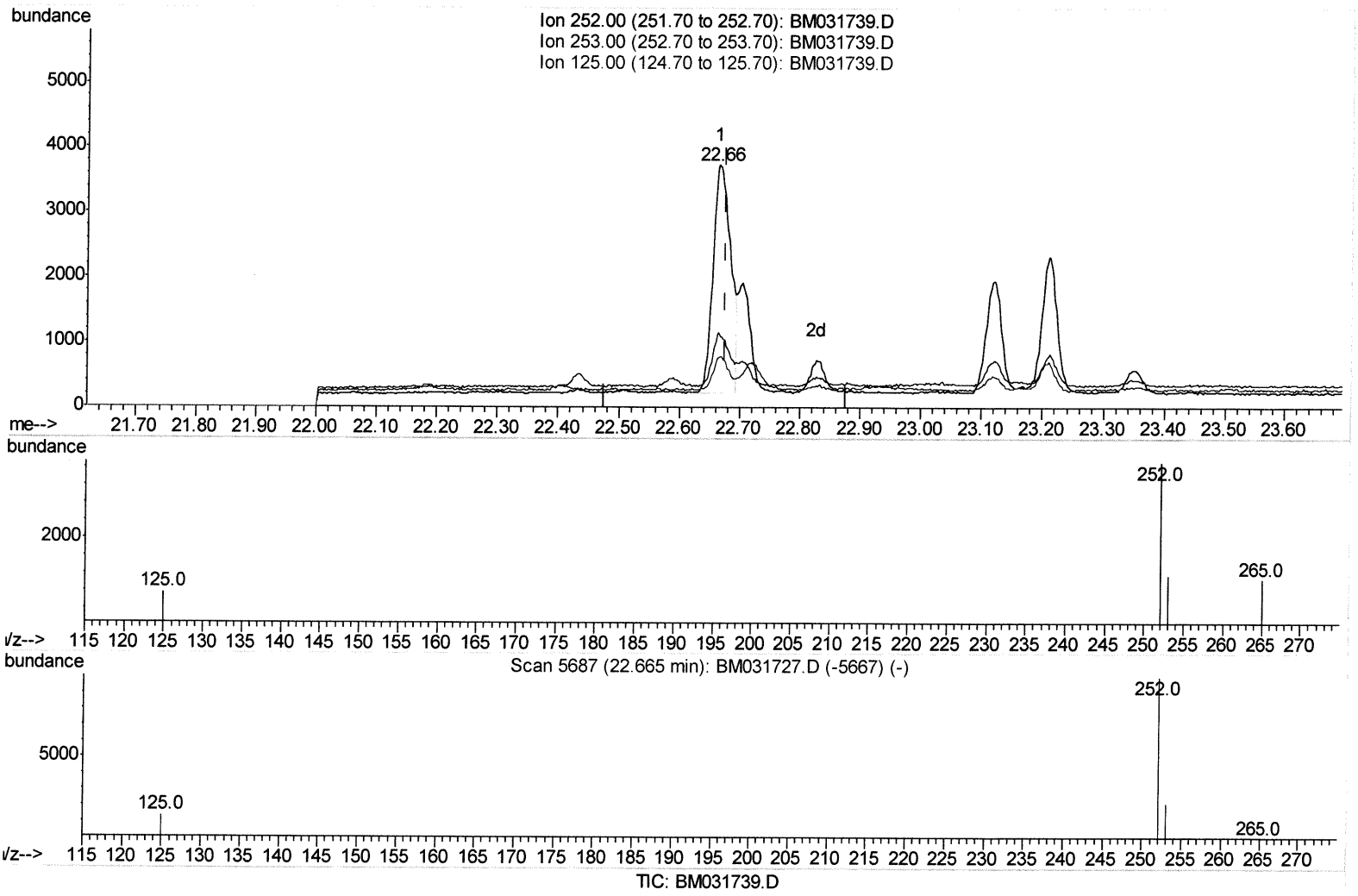
Manual Integrations APPROVED
mohammad
8/16/2021 8:41:12 AM



(24) Benzo(b)fluoranthene

22.665min (-0.012) 0.40ng/ul m

response 7260

JE 8/16/21

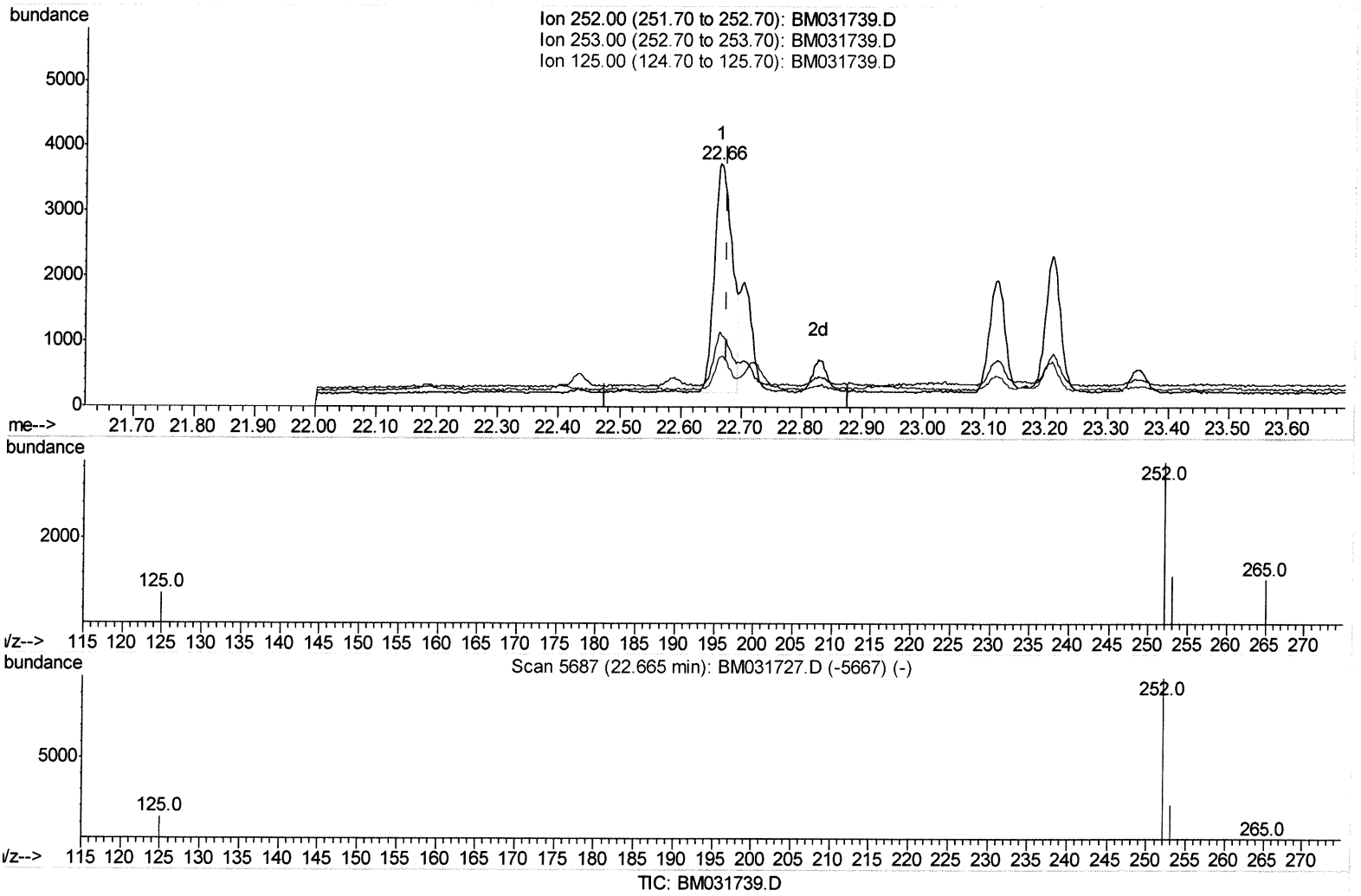
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.86
125.00	11.40	20.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031739.D
Acq On : 14 Aug 2021 09:03
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 14 09:34:34 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 :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:12 AM



TIC: BM031739.D

(24) Benzo(b)fluoranthene

22.665min (-0.012) 0.40ng/ul m

response 7260

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.86
125.00	11.40	20.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031739.D
Acq On : 14 Aug 2021 09:03
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 14 09:34:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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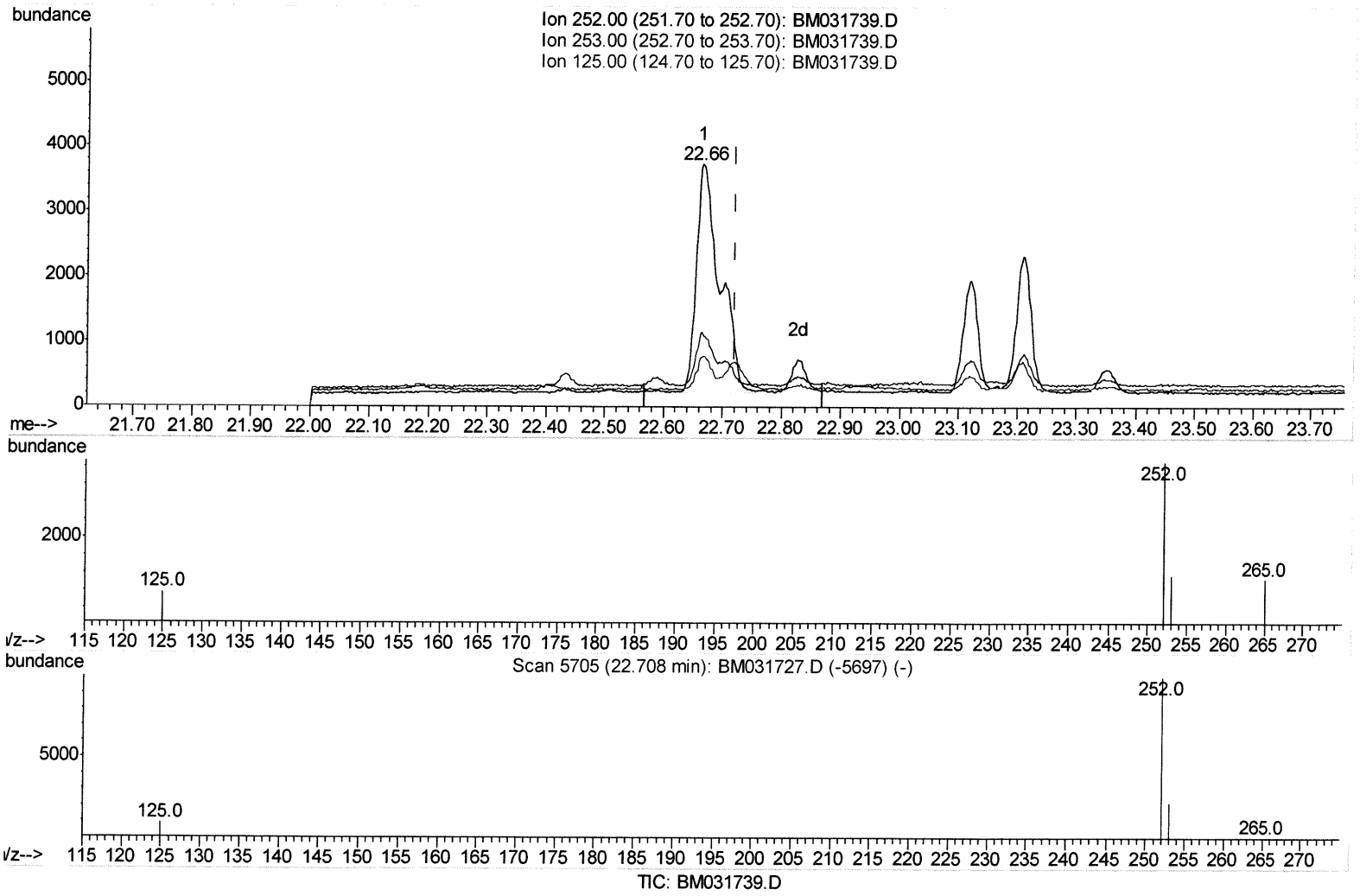
Instrument :
BNA_M
ClientSampleId :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:12 AM



(25) Benzo(k)fluoranthene

22.665min (-0.055) 0.51ng/ul

response 9692

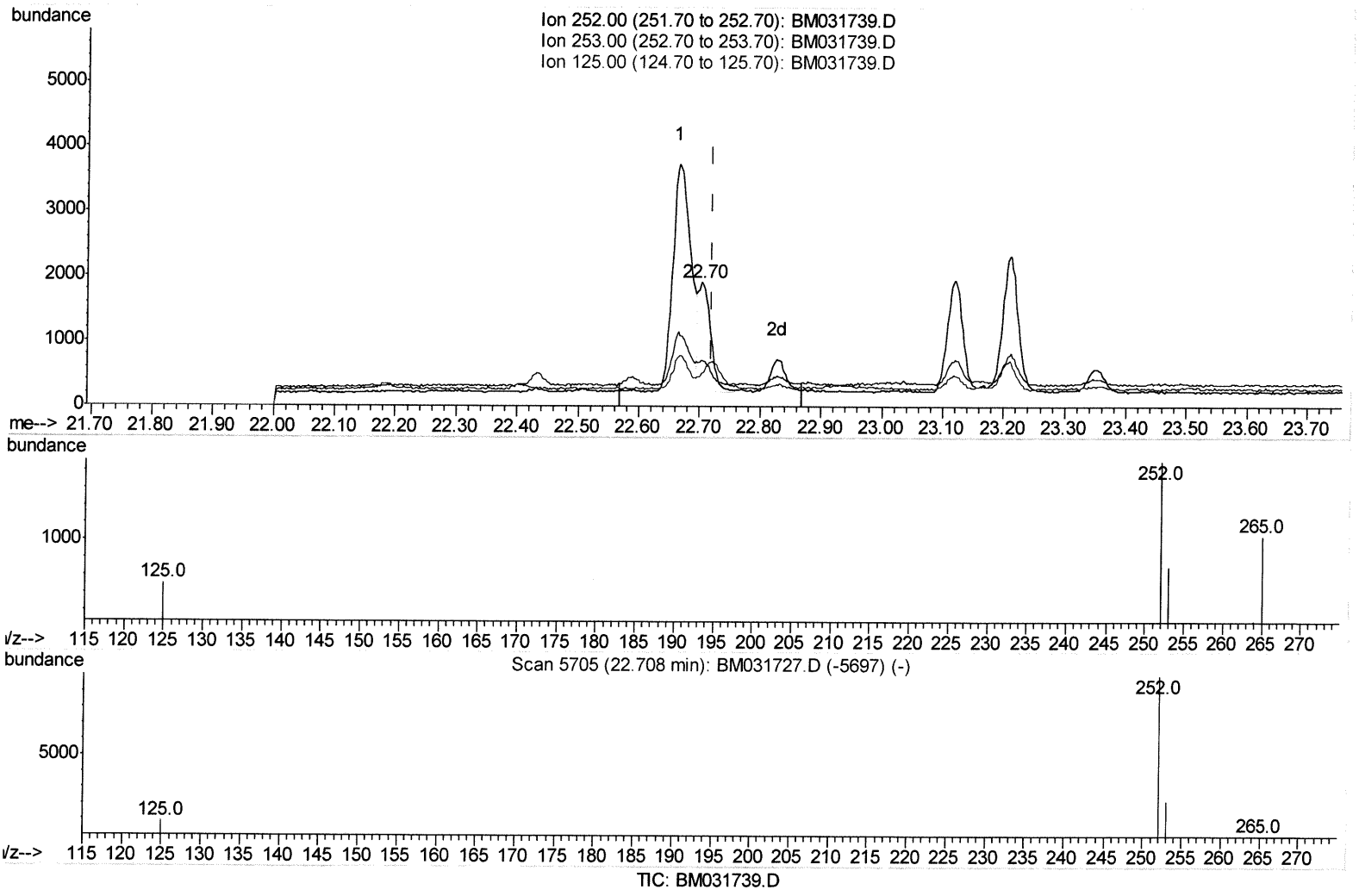
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.86
125.00	11.00	20.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031739.D
Acq On : 14 Aug 2021 09:03
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 14 09:34:34 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 :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:12 AM



(25) Benzo(k)fluoranthene

22.703min (-0.017) 0.13ng/ul m

JU 8/16/21

response 2482

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	36.91#
125.00	11.00	26.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031739.D
Acq On : 14 Aug 2021 09:03
Operator : CG/JU
Sample : M3208-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00F0DL

Manual Integrations APPROVED
mohammad
8/16/2021 8:41:12 AM

Quant Time: Aug 14 09:35:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1006	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.32	136	3538	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	1926	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.95	188	4060	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3956	0.40	ng/ul	0.00
23) Perylene-d12	23.30	264	4071	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	710	0.64	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	215	0.04	ng/ul	-0.01
18) Fluoranthene-d10	18.98	212	431	0.03	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	2122	0.201	ng/ul	94
7) 2-Methylnaphthalene	12.00	142	1502	0.209	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	822	0.116	ng/ul	100
10) Acenaphthylene	13.92	152	769	0.094	ng/ul#	79
15) Phenanthrene	16.99	178	5494	0.426	ng/ul	99
16) Anthracene	17.08	178	730	0.060	ng/ul#	82
19) Fluoranthene	19.02	202	9254	0.548	ng/ul	98
20) Pyrene	19.38	202	7890	0.461	ng/ul	98
21) Benzo(a)anthracene	21.13	228	4763	0.298	ng/ul#	93
22) Chrysene	21.19	228	6622	0.401	ng/ul	97
24) Benzo(b)fluoranthene	22.66	252	7260m	0.396	ng/ul	
25) Benzo(k)fluoranthene	22.70	252	2482m	0.131	ng/ul	
26) Benzo(a)pyrene	23.21	252	3666	0.228	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.43	276	2828	0.136	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.43	278	824	0.049	ng/ul#	34
29) Benzo(g,h,i)perylene	26.08	276	567	0.032	ng/ul#	49

JC 8/16/21

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