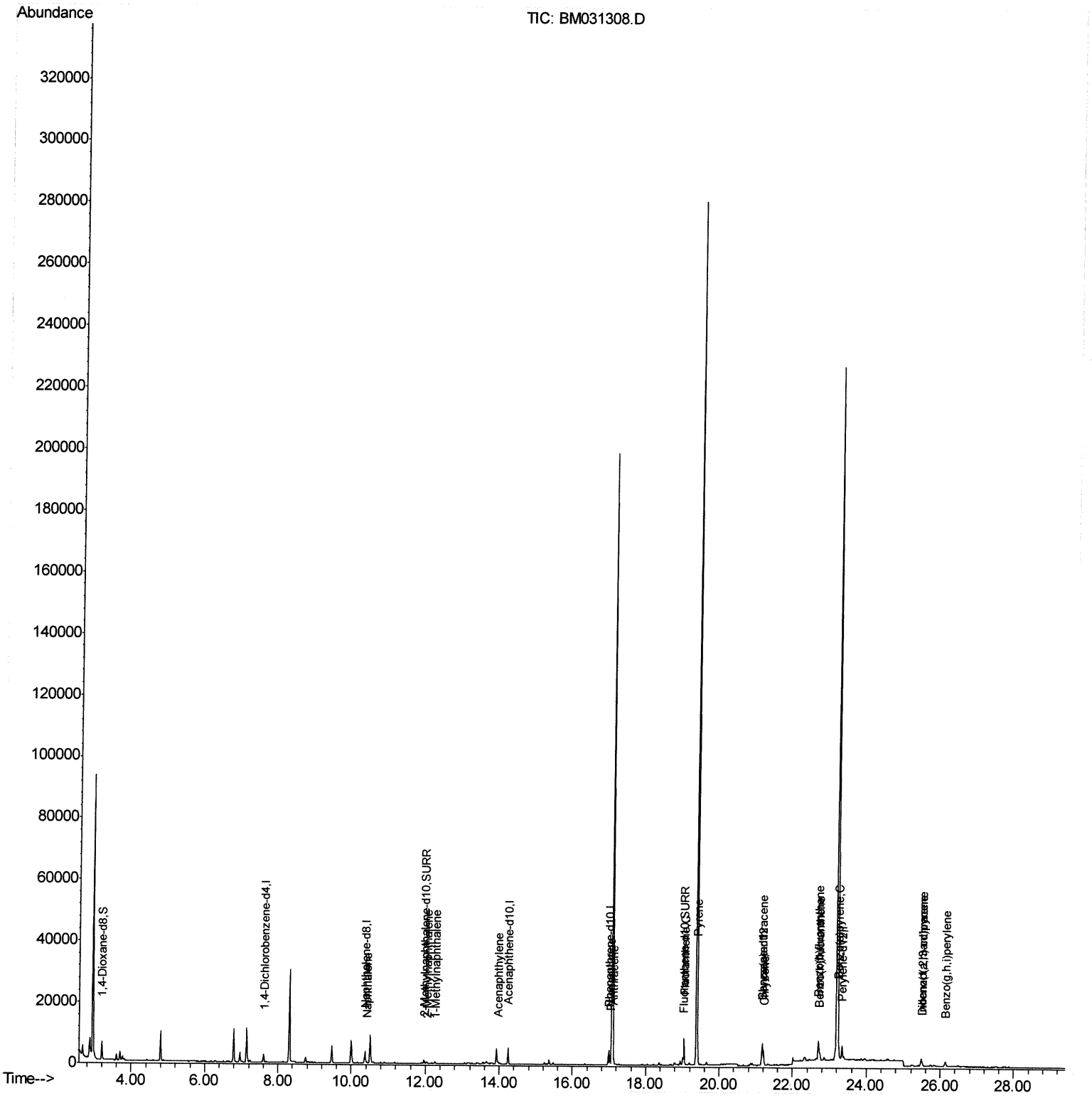
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031308.D
Acq On : 31 Jul 2021 12:39
Operator : CG/JU
Sample : M3091-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 01:47:06 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0054

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:13 PM

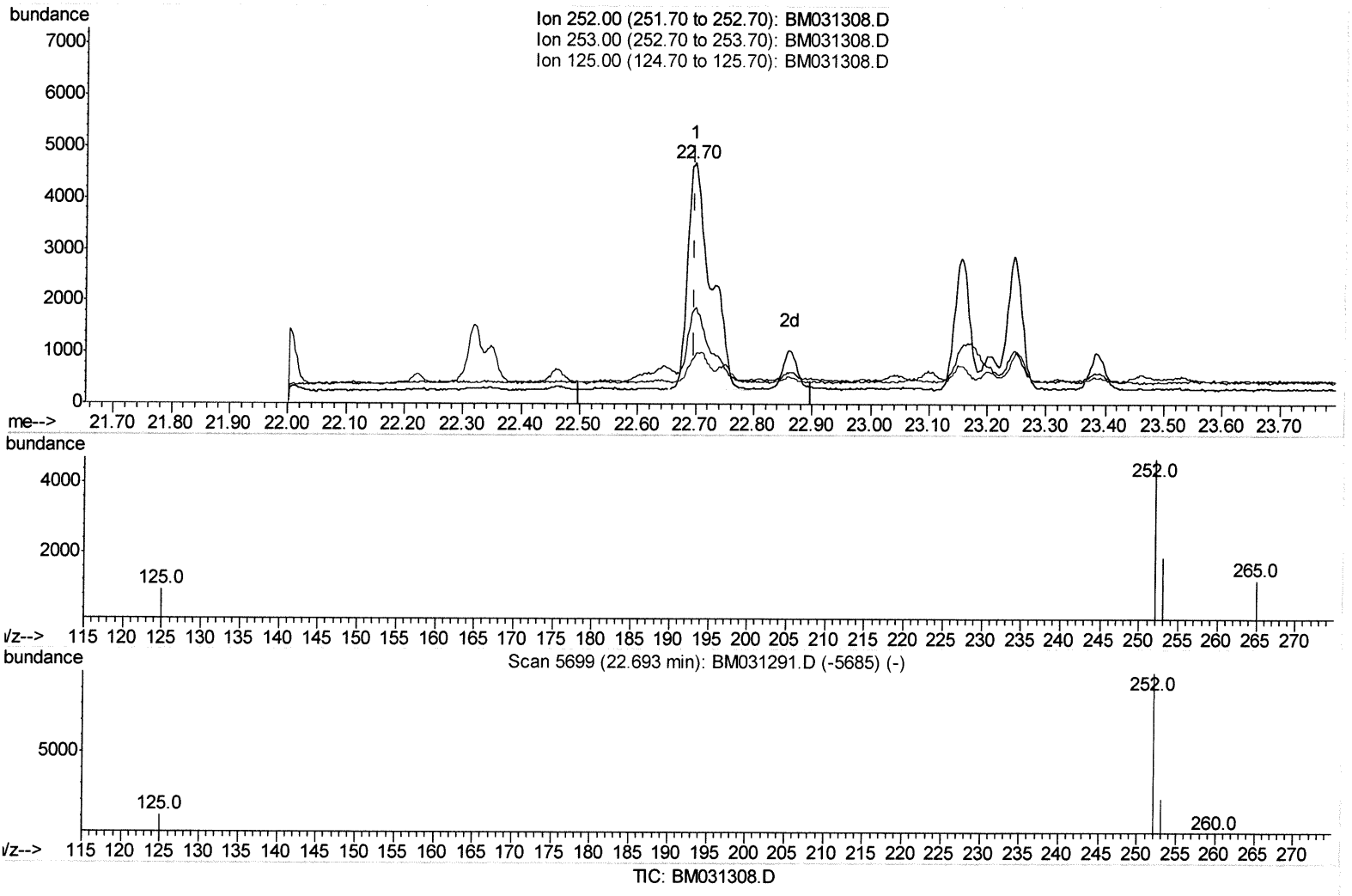


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031308.D
Acq On : 31 Jul 2021 12:39
Operator : CG/JU
Sample : M3091-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 01:07:36 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0054

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:13 PM



TIC: BM031308.D

(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.48ng/ul

response 12238

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	39.54
125.00	11.40	20.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031308.D
Acq On : 31 Jul 2021 12:39
Operator : CG/JU
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Quant Time: Aug 02 01:07:36 2021
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BNA_M
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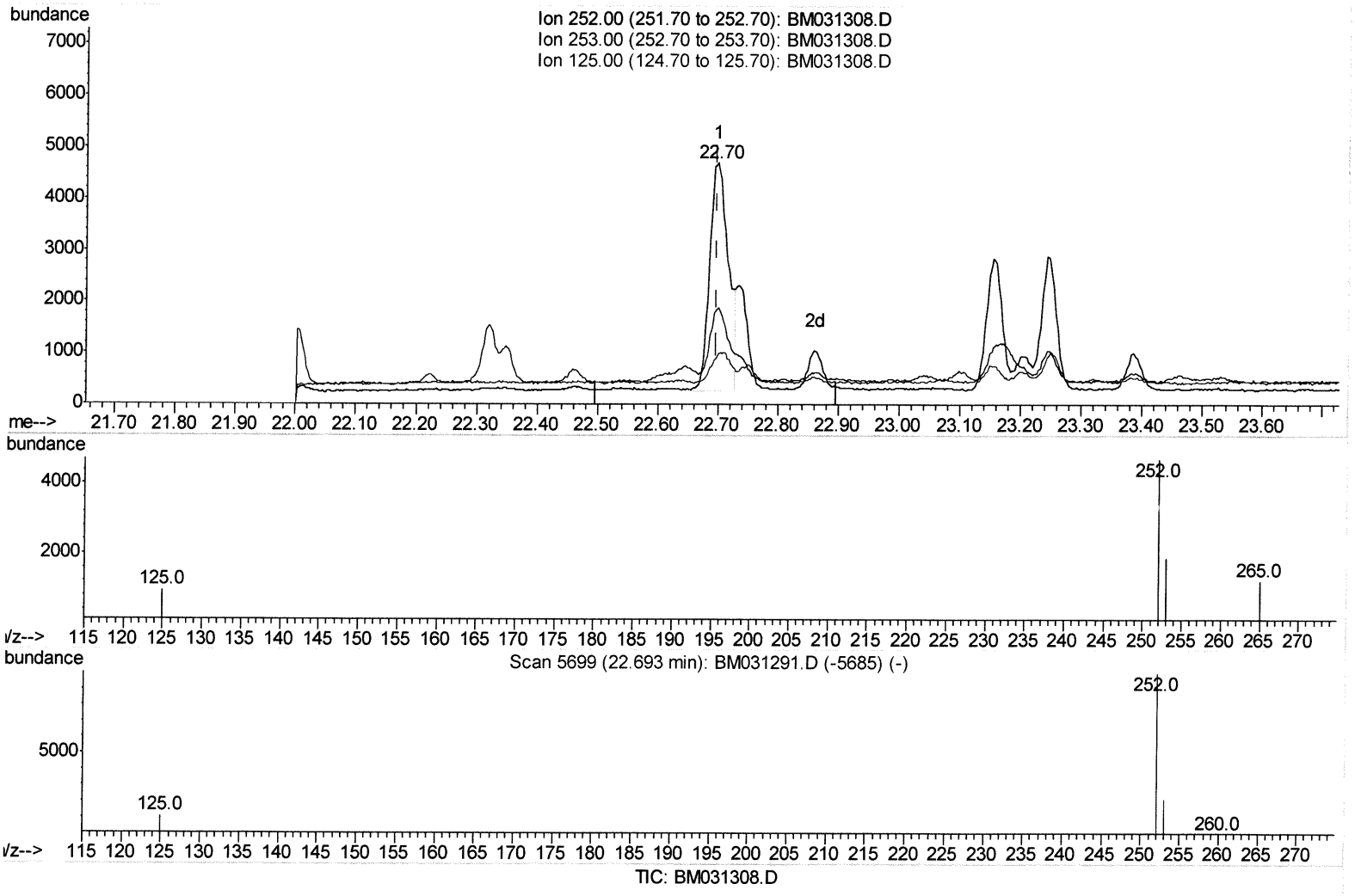
C0054

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:13 PM



TIC: BM031308.D

(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.37ng/ul m JC 8/3/21

response 9555

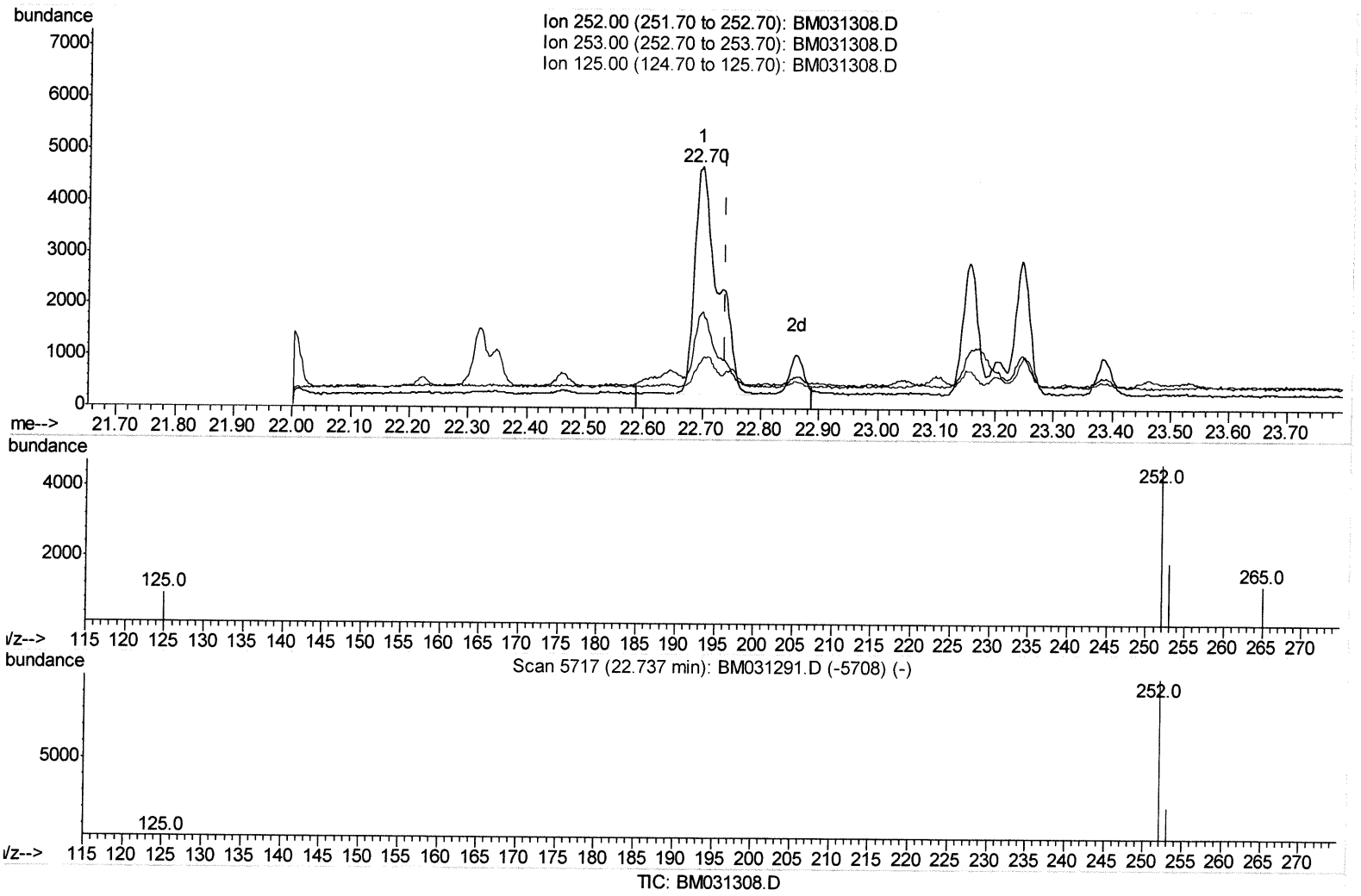
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	39.54
125.00	11.40	20.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031308.D
Acq On : 31 Jul 2021 12:39
Operator : CG/JU
Sample : M3091-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 01:46:03 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0054

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:13 PM



TIC: BM031308.D

(25) Benzo(k)fluoranthene

22.699min (-0.041) 0.46ng/ul

response 12238

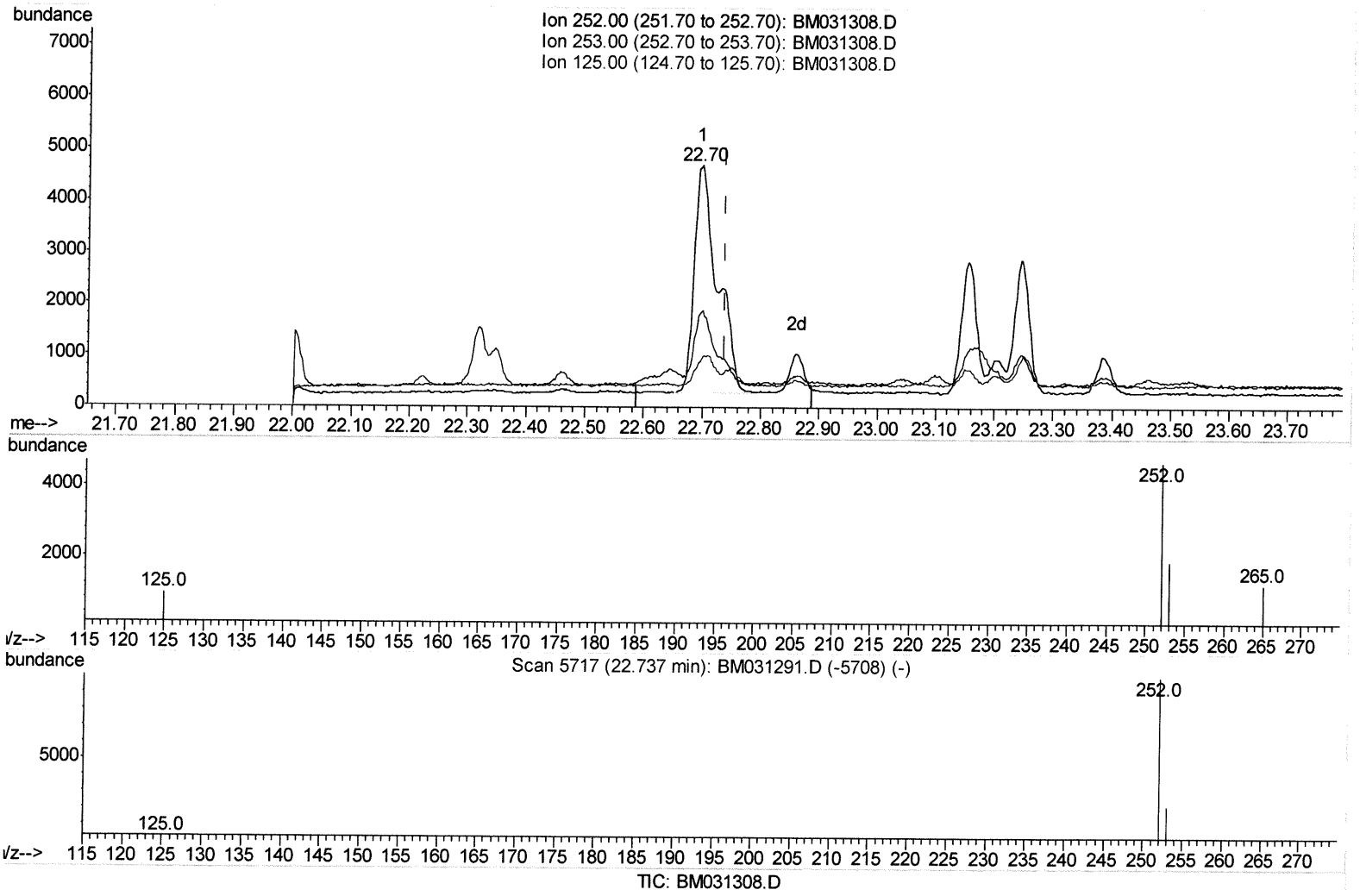
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	39.54#
125.00	11.00	20.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031308.D
Acq On : 31 Jul 2021 12:39
Operator : CG/JU
Sample : M3091-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 01:46:03 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0054

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:13 PM



(25) Benzo(k)fluoranthene

22.699min (-0.041) 0.46ng/ul

response 12238

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	39.54#
125.00	11.00	20.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031308.D
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ClientSampleId :
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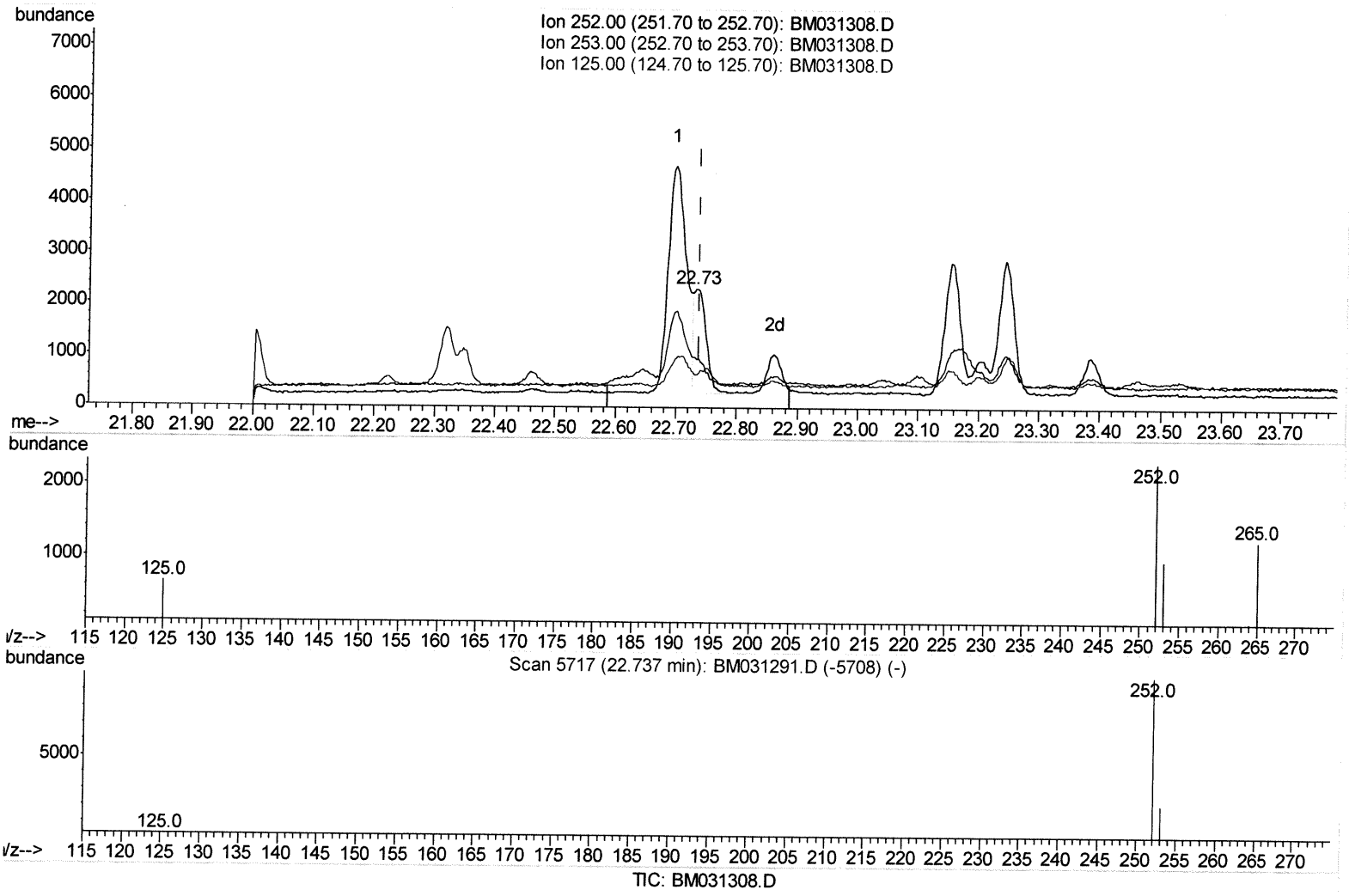
Manual Integrations APPROVED
mohammad
8/2/2021 3:41:13 PM



(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.10ng/ul m JU 8/3/21

response 2739

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	42.10#
125.00	11.00	28.19#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031308.D
Acq On : 31 Jul 2021 12:39
Operator : CG/JU
Sample : M3091-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0054

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:13 PM

Quant Time: Aug 02 01:47:06 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1278	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	4724	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	2888	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	5671	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	5018	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5717	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3707	2.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1277	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3063	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	456	0.032	ng/ul#	66
7) 2-Methylnaphthalene	12.04	142	405	0.042	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	271	0.029	ng/ul	98
10) Acenaphthylene	13.96	152	1045	0.085	ng/ul#	90
15) Phenanthrene	17.03	178	3555	0.197	ng/ul	99
16) Anthracene	17.12	178	1341	0.080	ng/ul#	88
19) Fluoranthene	19.05	202	7359	0.343	ng/ul	96
20) Pyrene	19.41	202	7867	0.362	ng/ul	97
21) Benzo(a)anthracene	21.16	228	3980	0.196	ng/ul#	88
22) Chrysene	21.21	228	5726	0.273	ng/ul#	93
24) Benzo(b)fluoranthene	22.70	252	9555m	0.371	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	2739m	0.103	ng/ul	
26) Benzo(a)pyrene	23.24	252	4454	0.197	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.48	276	3802	0.130	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.49	278	1019	0.043	ng/ul#	26
29) Benzo(g,h,i)perylene	26.14	276	3185	0.128	ng/ul#	84

JU 8/3/21

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