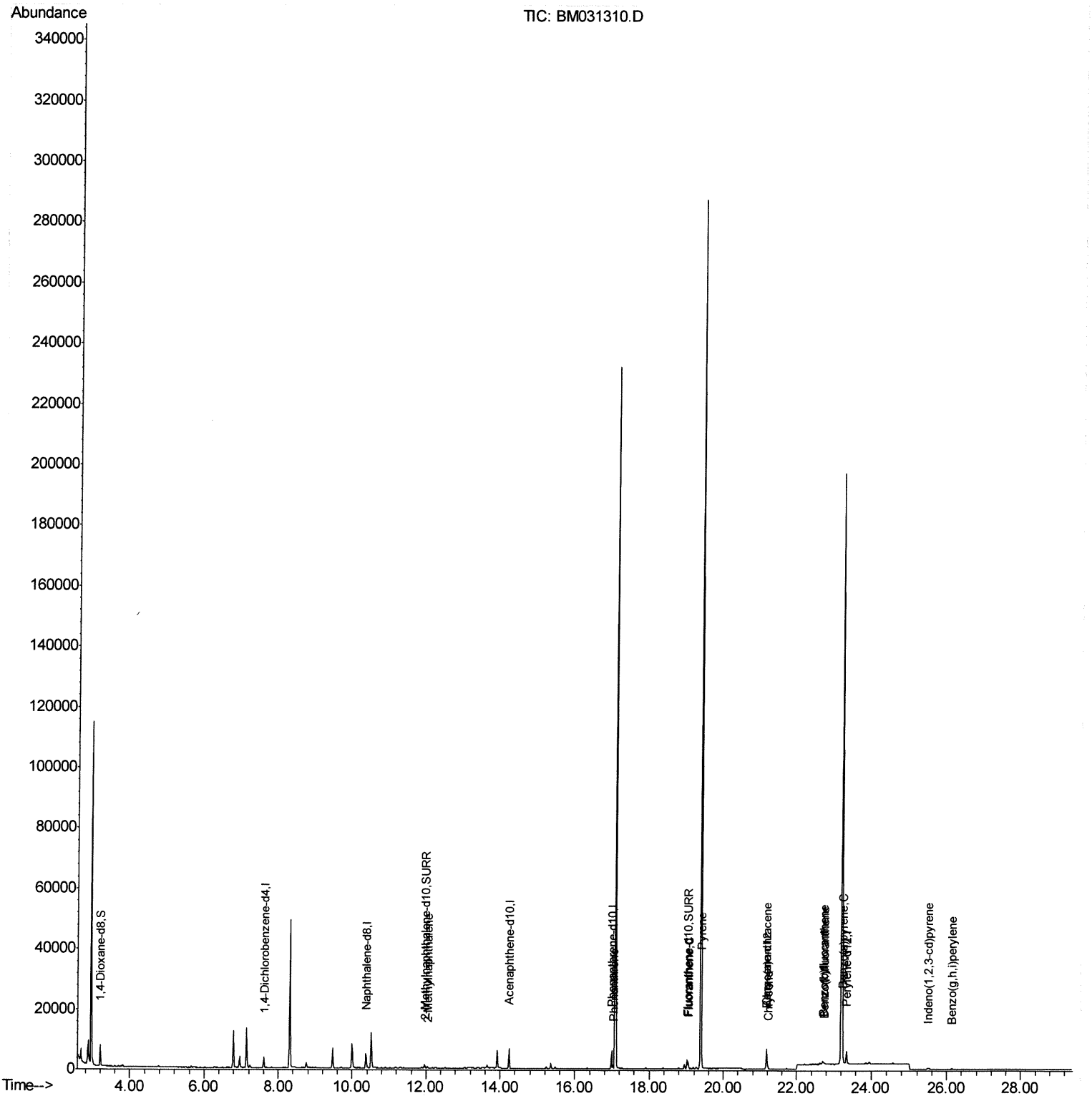
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 01:51:37 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 :
C0035

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:30 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 01:07:51 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 :
C0035

Manual Integrations APPROVED
mohammad
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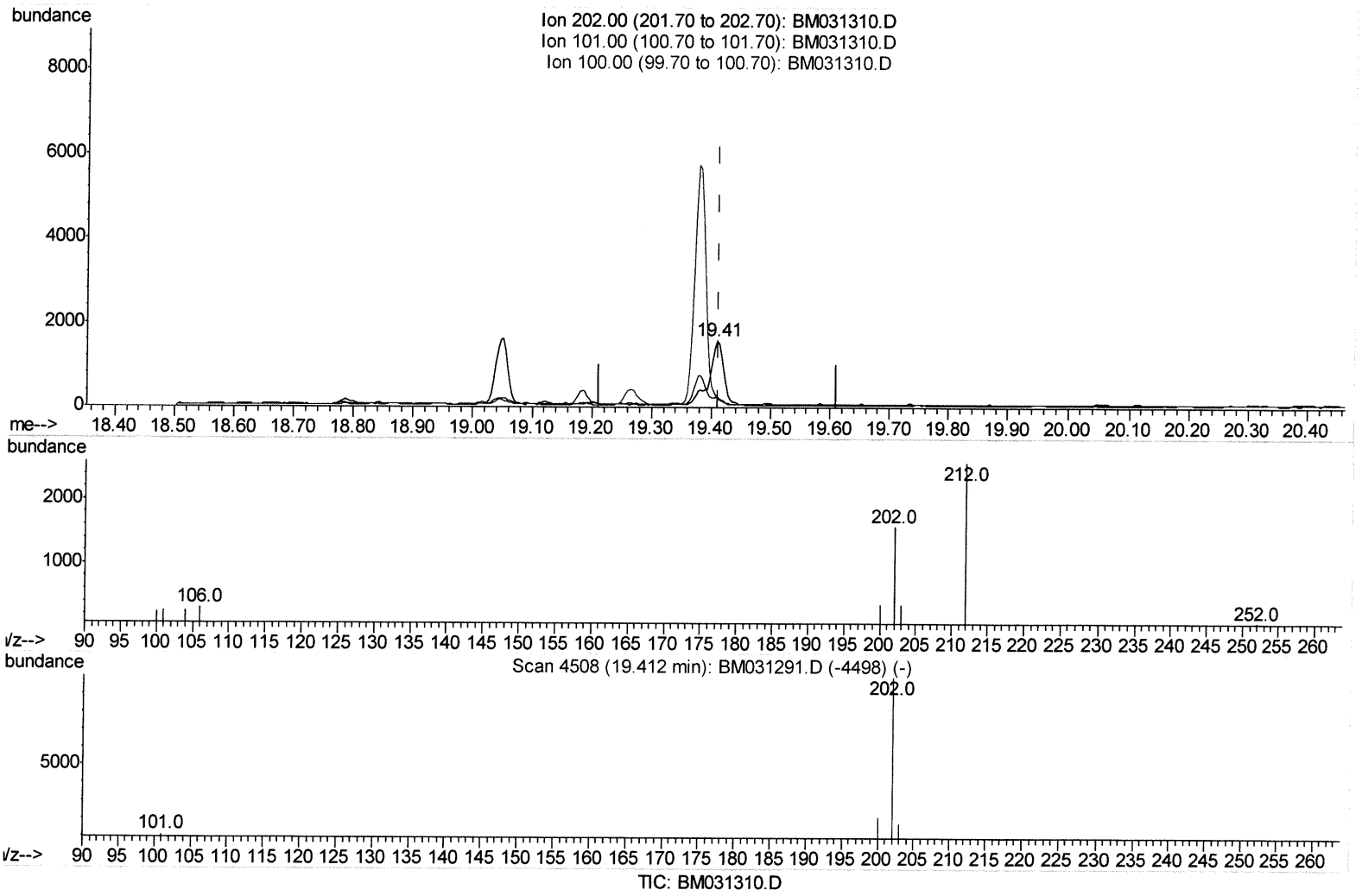

(20) Pyrene

19.409min (-0.004) 0.11ng/ul

response 2506

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	16.01#
100.00	8.30	15.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 01:07:51 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
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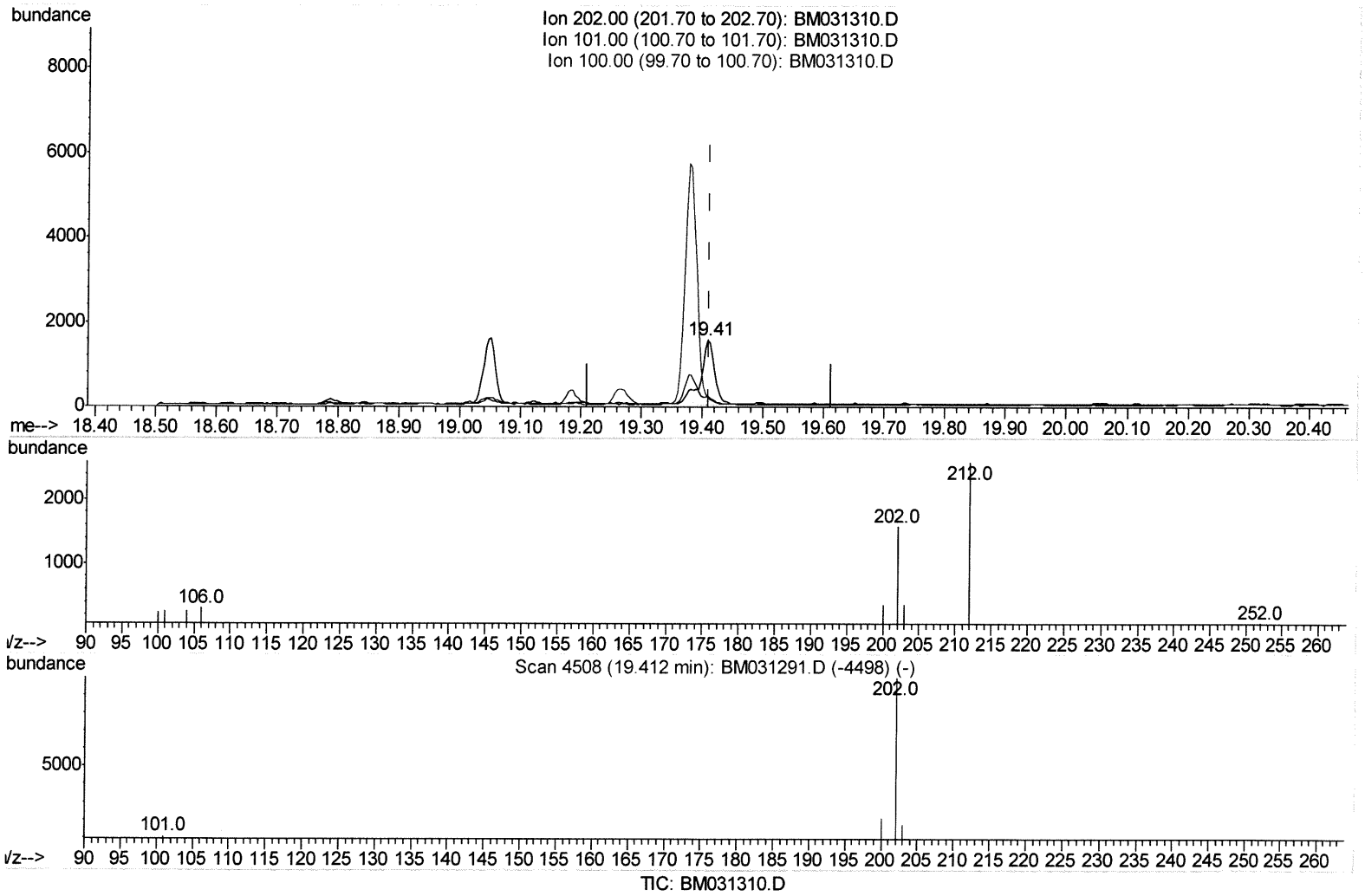
Instrument :
BNA_M
ClientSampleId :
C0035

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:30 PM



TIC: BM031310.D

(20) Pyrene

19.409min (-0.004) 0.09ng/ul m JU 8/3/21

response 2204

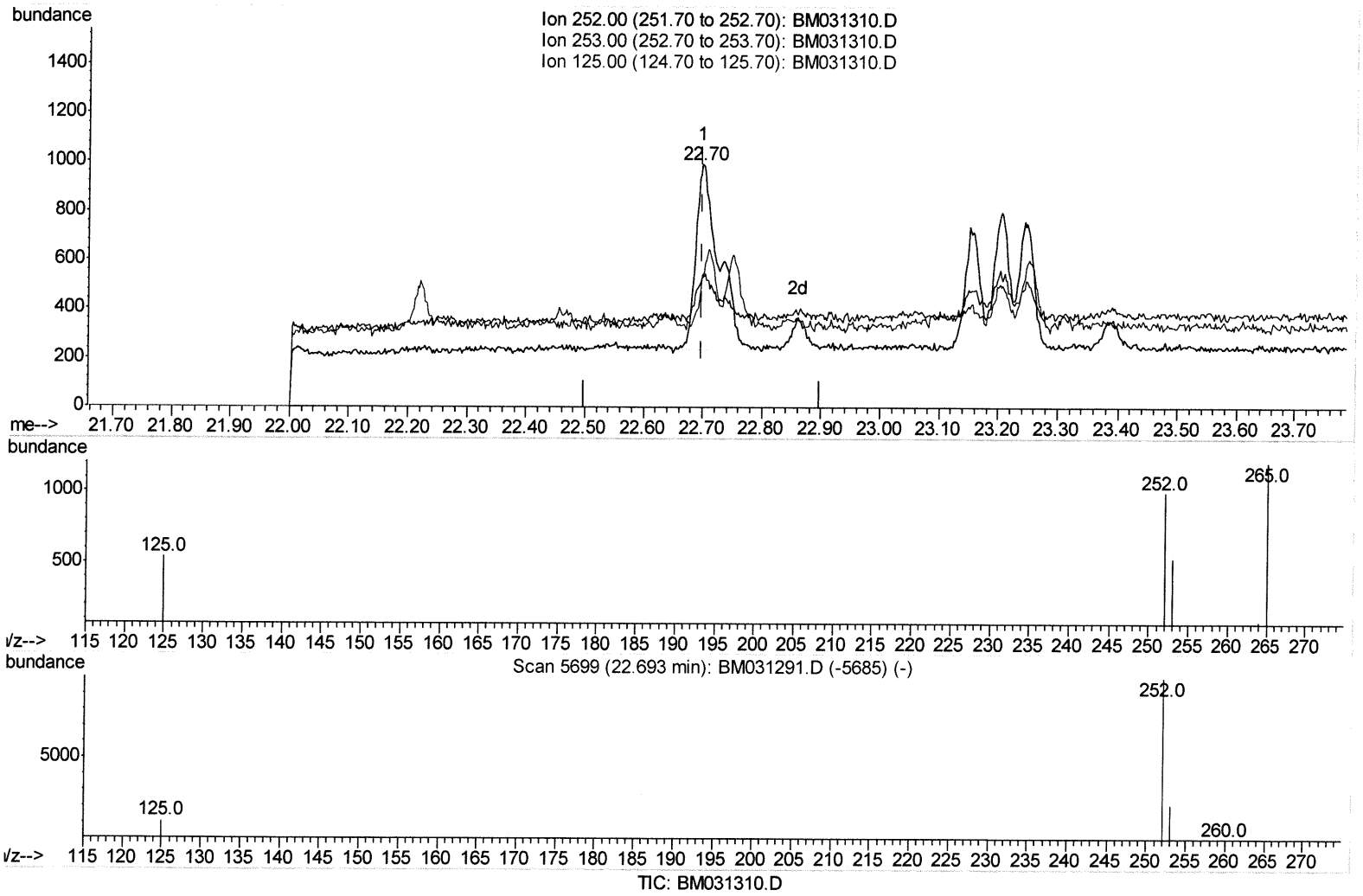
Ion	Exp%	Act%
202.00	100	100
101.00	9.70	16.01#
100.00	8.30	15.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 01:50:19 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0035

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:30 PM



TIC: BM031310.D

(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.08ng/ul

response 2066

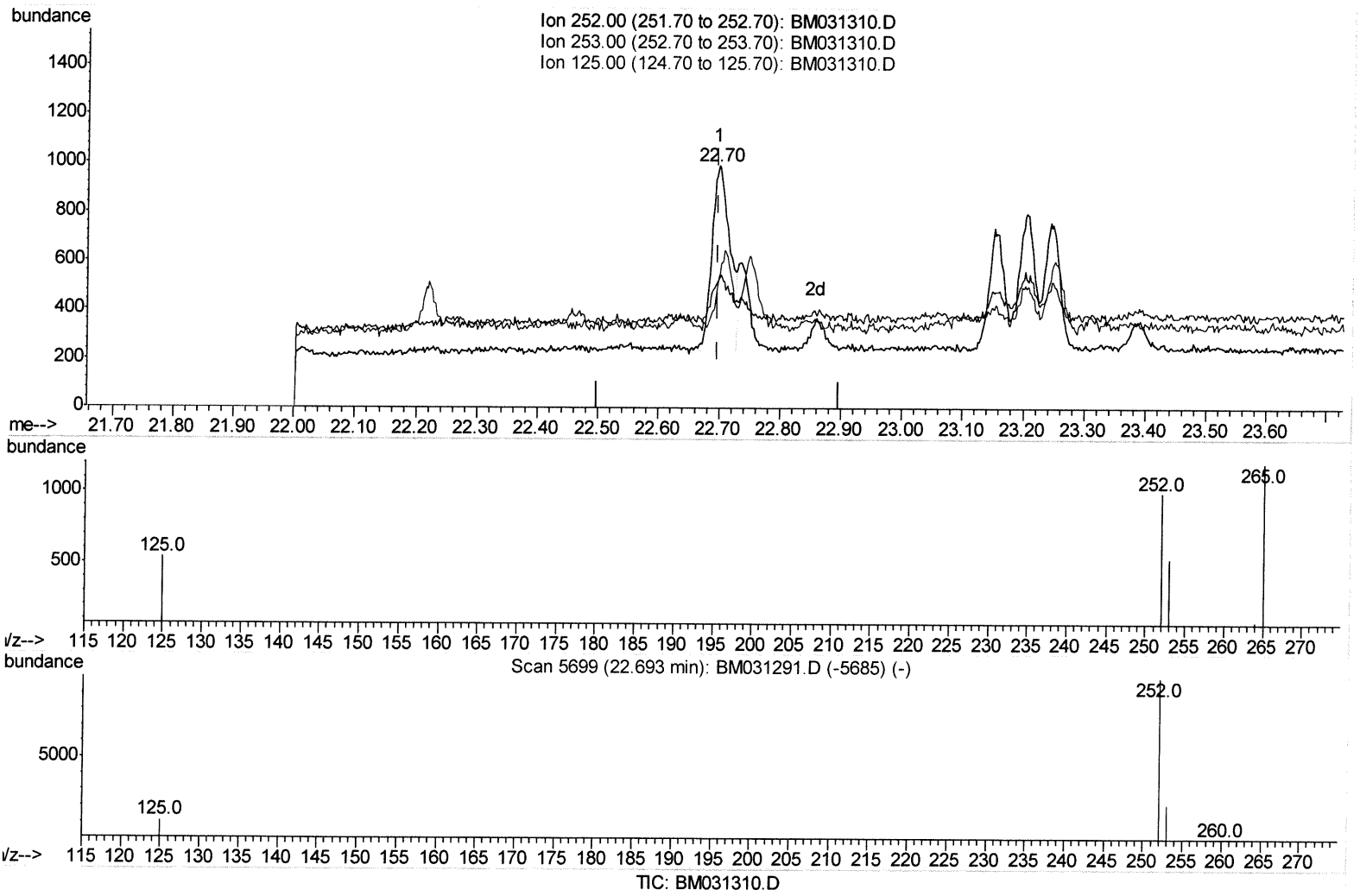
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	53.43#
125.00	11.40	54.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 01:50:19 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0035

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:30 PM



TIC: BM031310.D

(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.06ng/ul m JG 8/3/21

response 1553

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	53.43#
125.00	11.40	54.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 01:50:59 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 :
C0035

Manual Integrations APPROVED
mohammad
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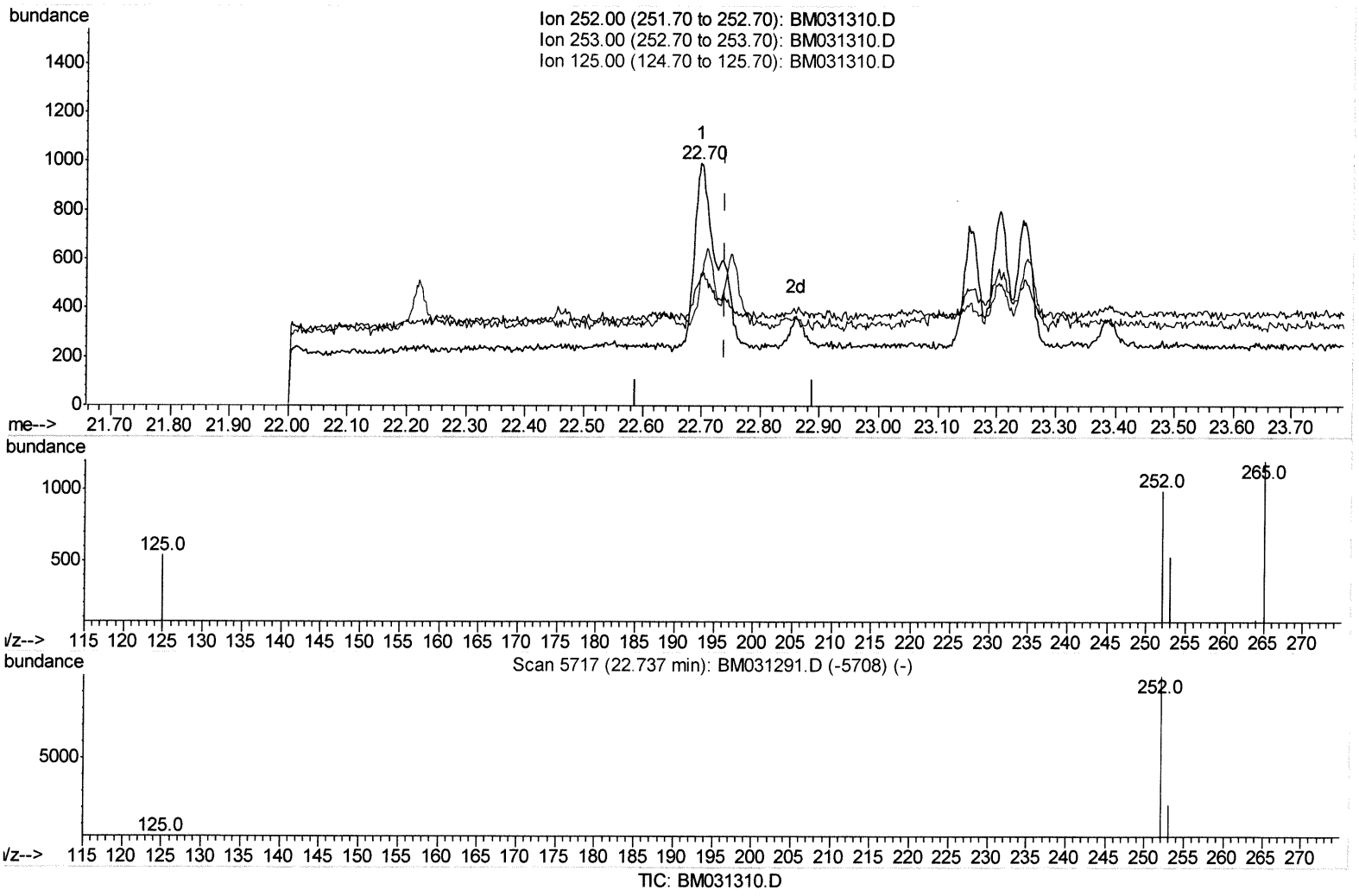

TIC: BM031310.D

(25) Benzo(k)fluoranthene

22.699min (-0.041) 0.08ng/ul

response 2066

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	53.43#
125.00	11.00	54.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 02 01:50:59 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 :
C0035

Manual Integrations APPROVED
mohammad
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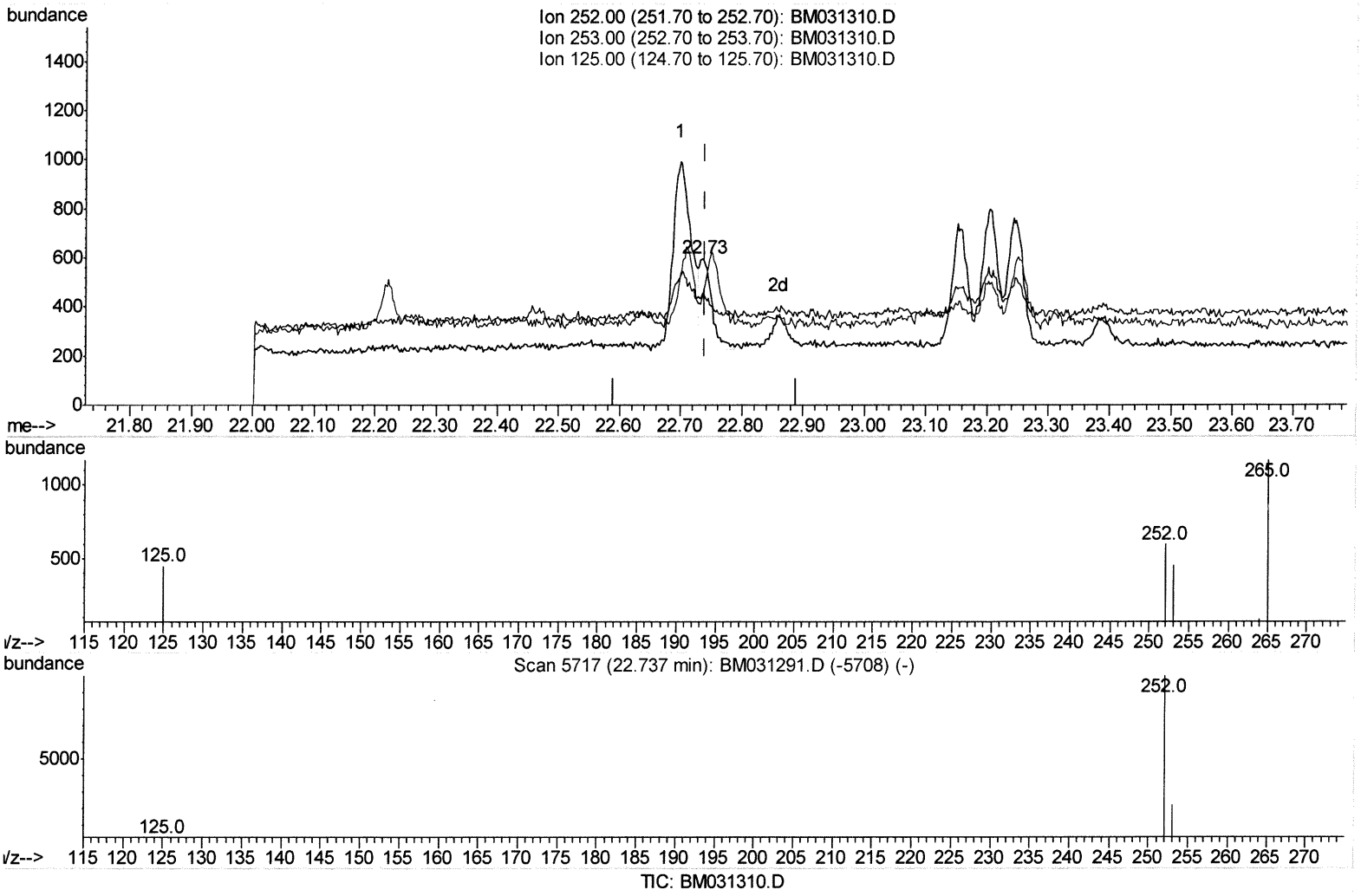

TIC: BM031310.D

(25) Benzo(k)fluoranthene

22.735min (-0.005) 0.02ng/ul m JU 8/3/21

response 534

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	76.34#
125.00	11.00	74.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031310.D
Acq On : 31 Jul 2021 13:53
Operator : CG/JU
Sample : M3084-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0035

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:30 PM

Quant Time: Aug 02 01:51:37 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	1622	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6120	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3690	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	7098	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	5486	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5574	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4186	2.32	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1574	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3175	0.17	ng/ul	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.04	142	337	0.027	ng/ul	96
15) Phenanthrene	17.03	178	1236	0.055	ng/ul#	90
19) Fluoranthene	19.05	202	2144	0.092	ng/ul#	87
20) Pyrene	19.41	202	2204m	0.093	ng/ul	JU 8/3/21
21) Benzo(a)anthracene	21.16	228	975	0.044	ng/ul#	78
22) Chrysene	21.21	228	1559	0.068	ng/ul#	86
24) Benzo(b)fluoranthene	22.70	252	1553m	0.062	ng/ul	JU 8/3/21
25) Benzo(k)fluoranthene	22.73	252	534m	0.021	ng/ul	
26) Benzo(a)pyrene	23.24	252	891	0.041	ng/ul#	11
27) Indeno(1,2,3-cd)pyrene	25.49	276	689	0.024	ng/ul#	93
29) Benzo(g,h,i)perylene	26.14	276	691	0.028	ng/ul#	54

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