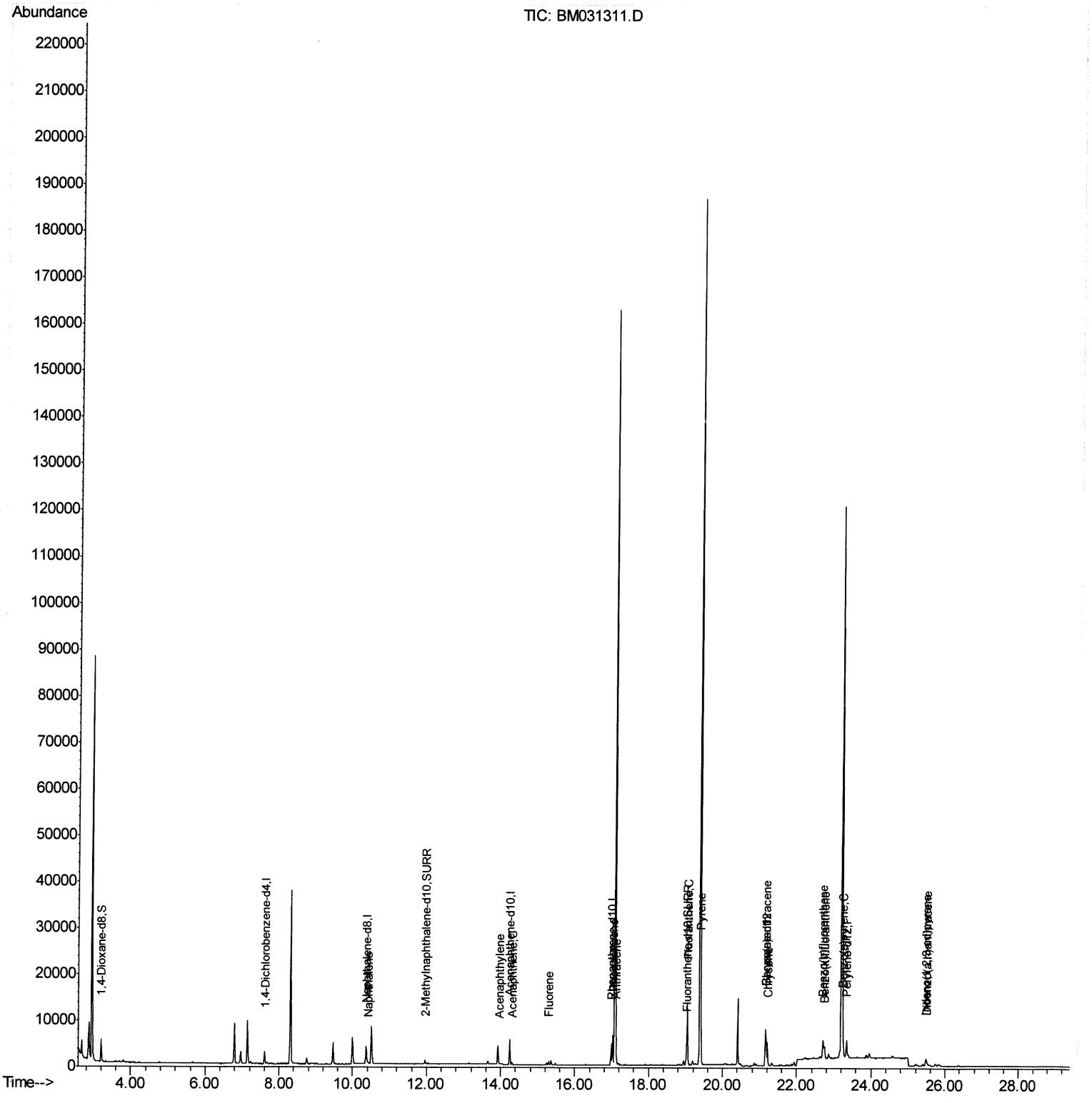
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031311.D
Acq On : 31 Jul 2021 14:30
Operator : CG/JU
Sample : M3106-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 02 01:54:18 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEN1

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:15 PM

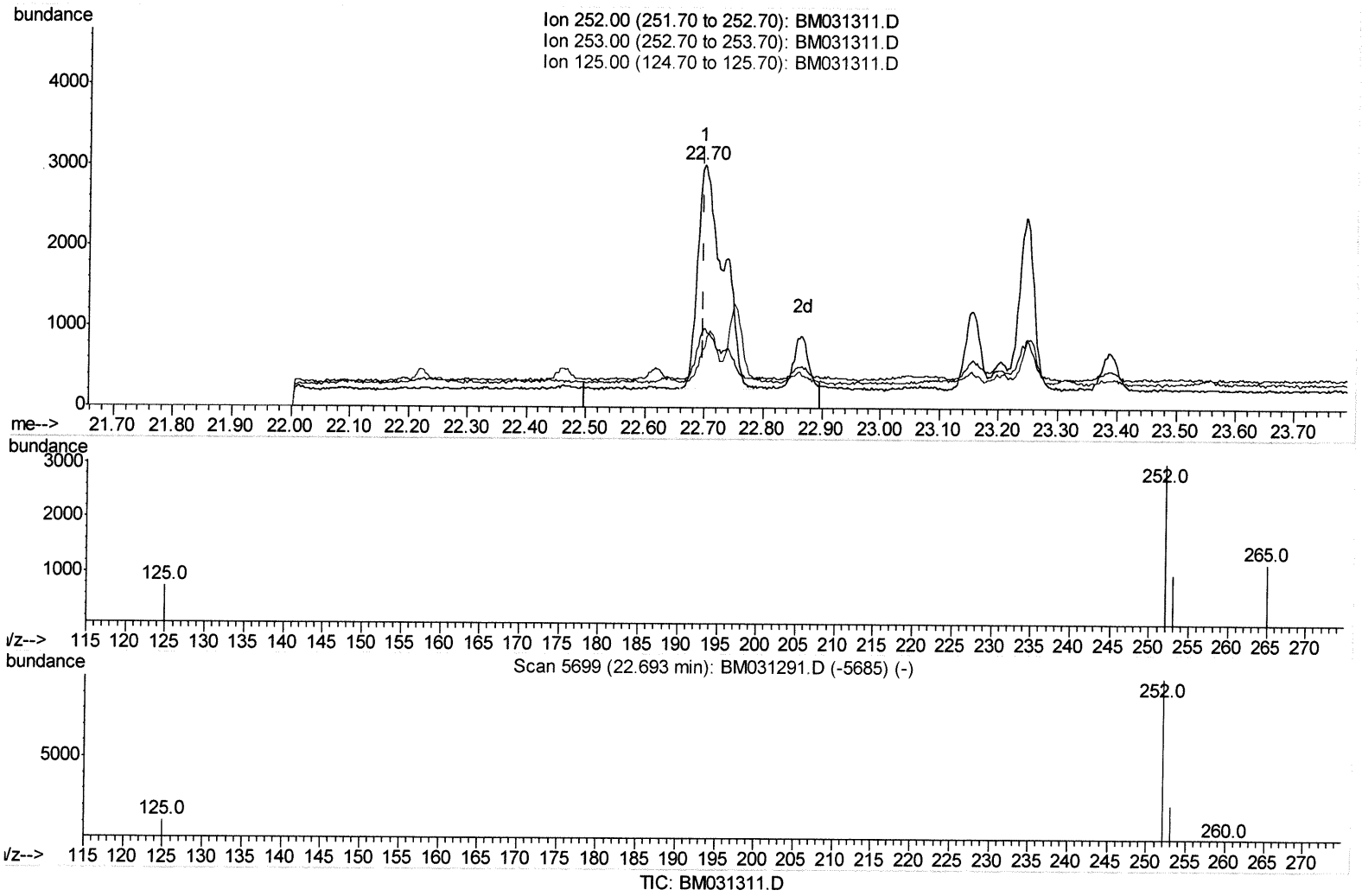


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031311.D
Acq On : 31 Jul 2021 14:30
Operator : CG/JU
Sample : M3106-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 02 01:07:59 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 :
BGEN1

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:15 PM



(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.40ng/ul

response 8441

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	32.80
125.00	11.40	24.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031311.D
Acq On : 31 Jul 2021 14:30
Operator : CG/JU
Sample : M3106-12
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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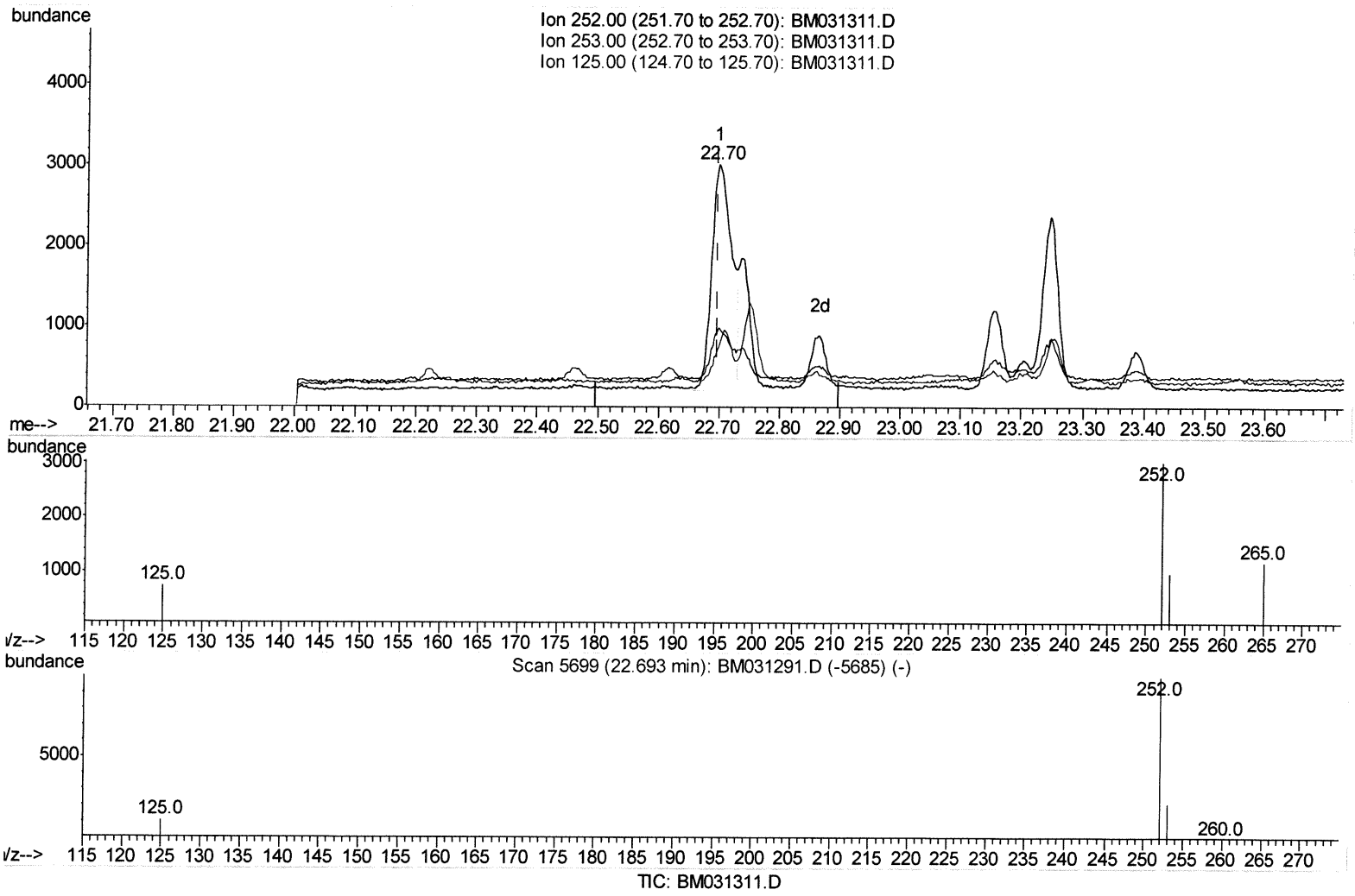
BNA_M
ClientSampleId :
BGEN1

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:15 PM



(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.31ng/ul m JU 8/2/21

response 6441

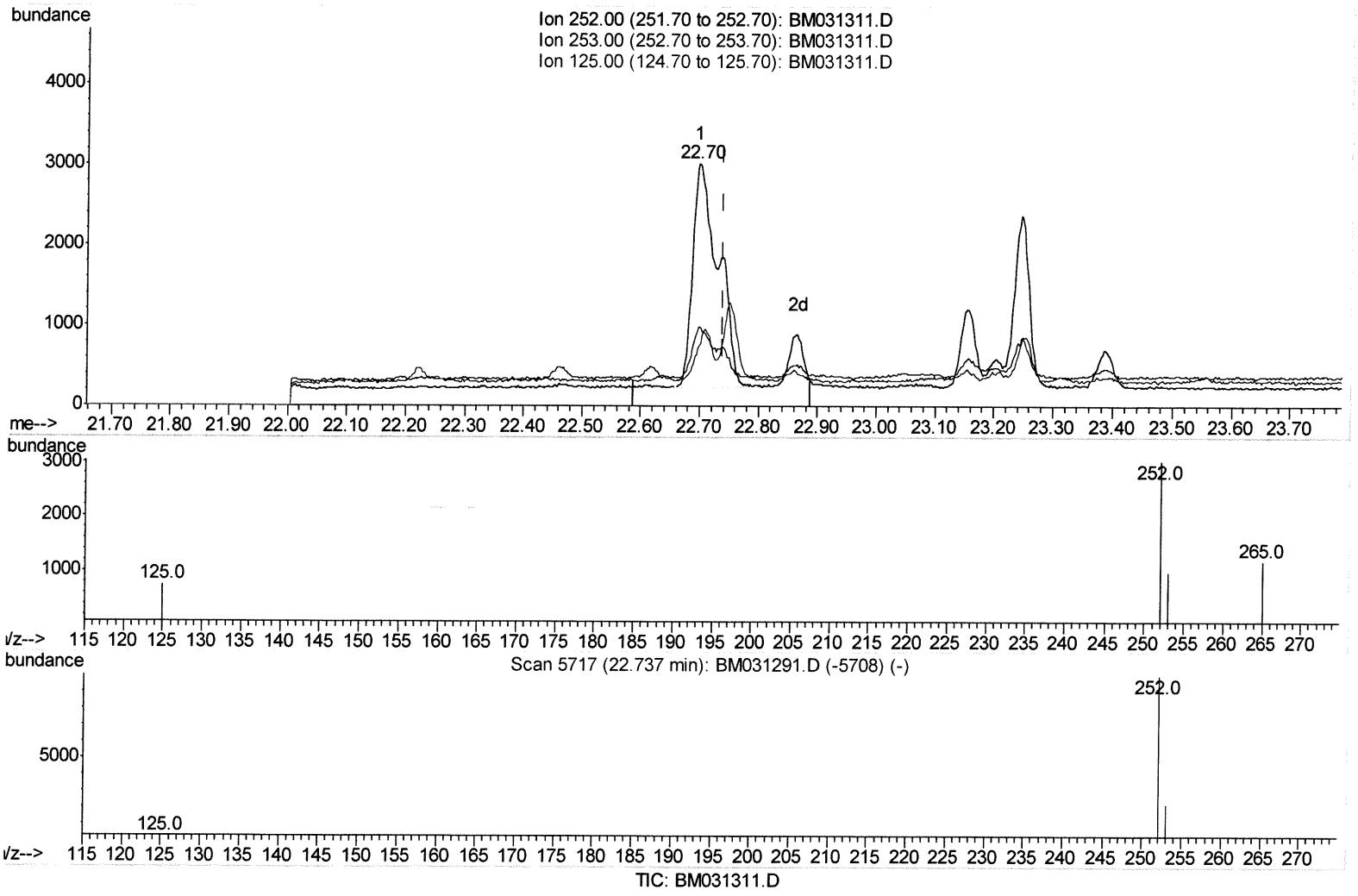
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	32.80
125.00	11.40	24.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031311.D
Acq On : 31 Jul 2021 14:30
Operator : CG/JU
Sample : M3106-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 02 01:53:29 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 :
BGEN1

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:15 PM



TIC: BM031311.D

(25) Benzo(k)fluoranthene

22.699min (-0.041) 0.39ng/ul

response 8439

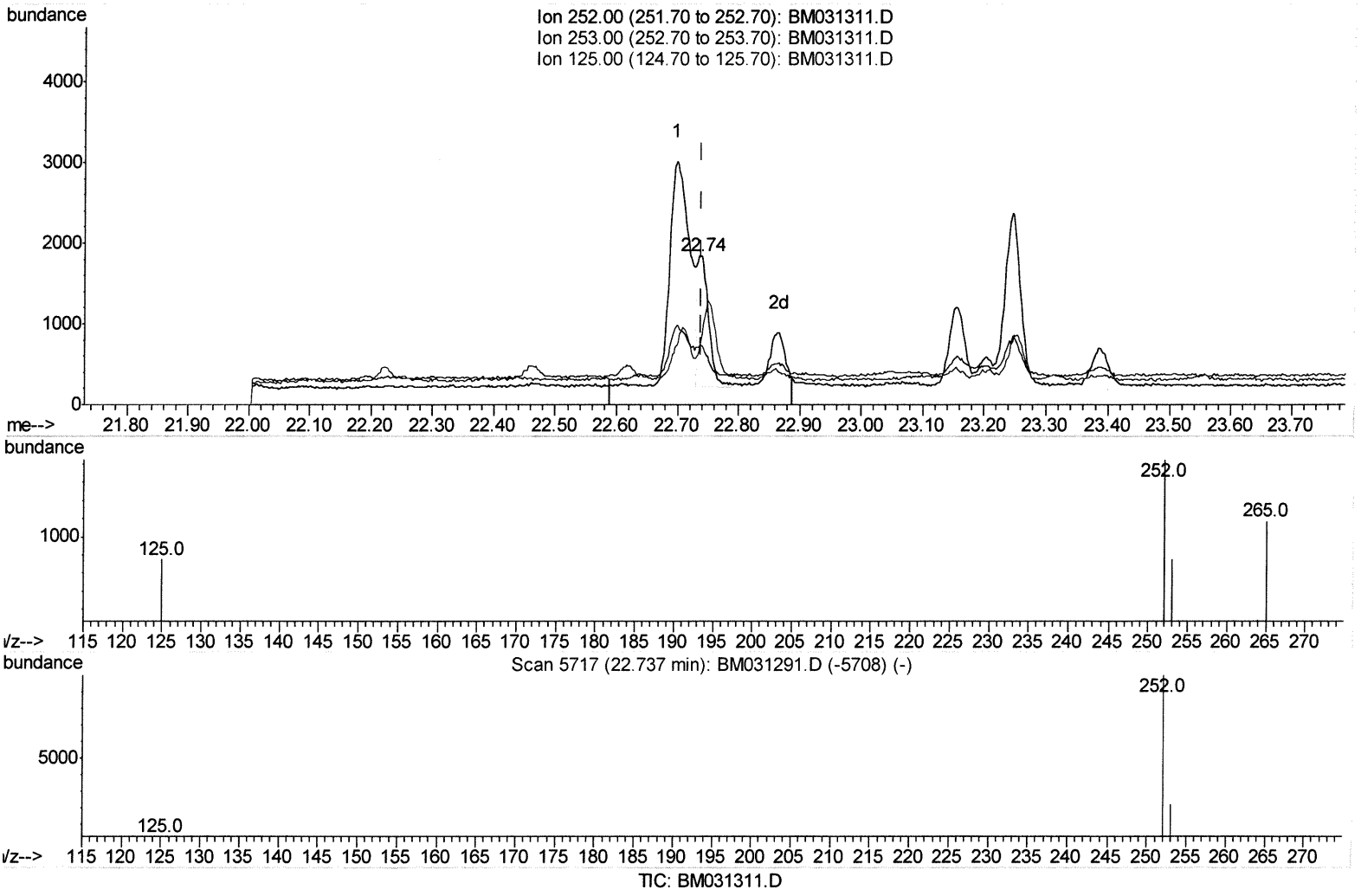
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	32.80#
125.00	11.00	24.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031311.D
Acq On : 31 Jul 2021 14:30
Operator : CG/JU
Sample : M3106-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 02 01:53:29 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 :
BGEN1

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:15 PM



(25) Benzo(k)fluoranthene

22.738min (-0.002) 0.10ng/ul m JU 8/3/21

response 2078

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.42#
125.00	11.00	40.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031311.D
Acq On : 31 Jul 2021 14:30
Operator : CG/JU
Sample : M3106-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEN1

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:15 PM

Quant Time: Aug 02 01:54:18 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 : 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	1297	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	4925	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	2967	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	5734	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	4595	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	4644	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	2979	2.07	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1101	0.13	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	2134	0.14	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	673	0.046	ng/ul#	79
10) Acenaphthylene	13.96	152	403	0.032	ng/ul#	66
11) Acenaphthene	14.30	153	398	0.037	ng/ul#	94
12) Fluorene	15.29	166	545	0.045	ng/ul#	93
15) Phenanthrene	17.03	178	6638	0.365	ng/ul	100
16) Anthracene	17.12	178	2023	0.119	ng/ul#	94
19) Fluoranthene	19.05	202	11378	0.580	ng/ul	98
20) Pyrene	19.41	202	9251	0.465	ng/ul#	96
21) Benzo(a)anthracene	21.16	228	5760	0.310	ng/ul	93
22) Chrysene	21.21	228	4912	0.256	ng/ul	97
24) Benzo(b)fluoranthene	22.70	252	6441m	0.308	ng/ul	
25) Benzo(k)fluoranthene	22.74	252	2078m	0.096	ng/ul	
26) Benzo(a)pyrene	23.25	252	3737	0.204	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.48	276	2309	0.097	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.49	278	732	0.038	ng/ul#	30

JU 8/3/21

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