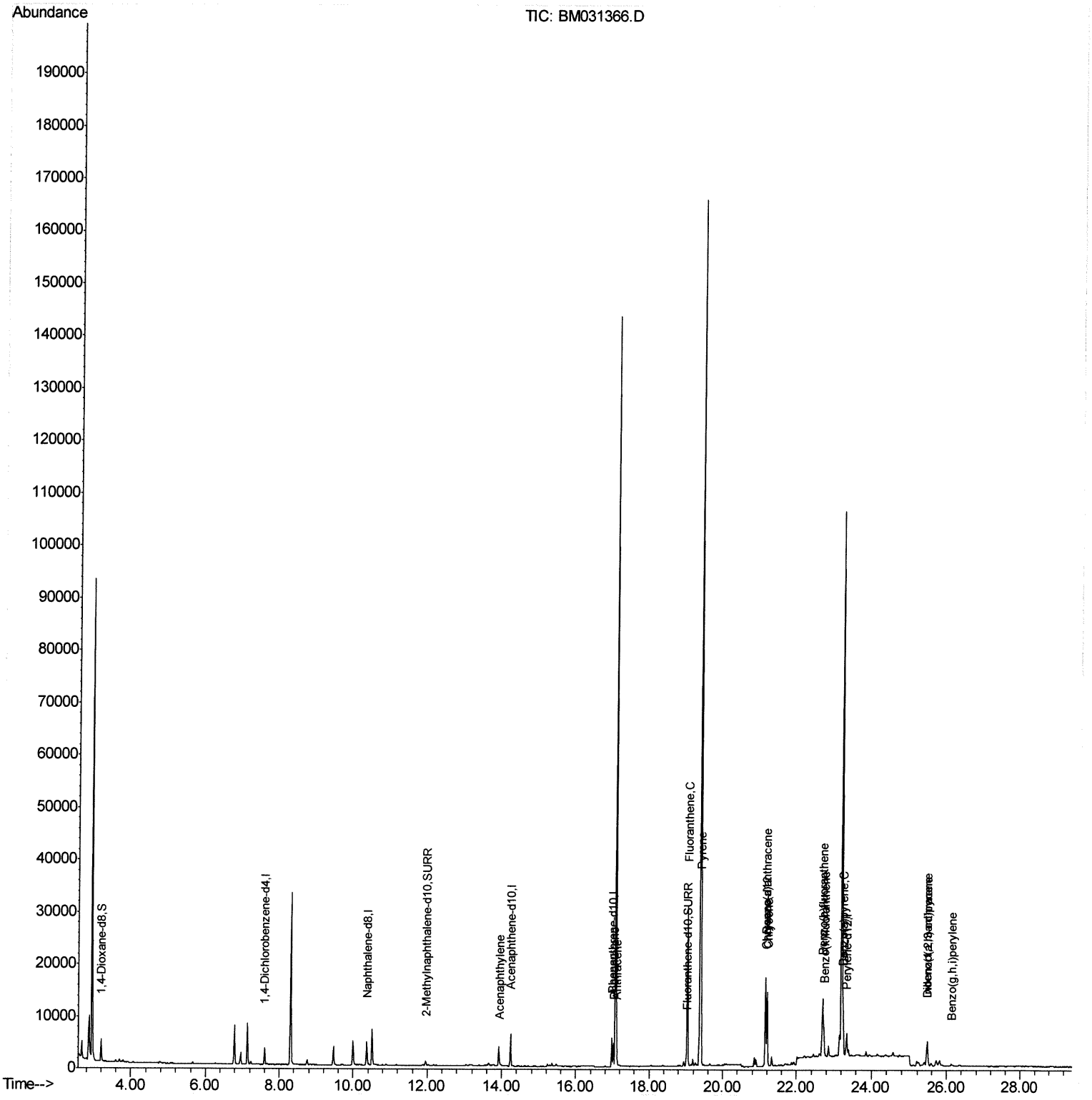
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031366.D
Acq On : 02 Aug 2021 01:58
Operator : CG/JU
Sample : M3107-18
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Aug 02 06:48:51 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 : Mon Aug 02 05:56:06 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEM6

Manual Integrations APPROVED
mohammad
8/2/2021 3:44:06 PM

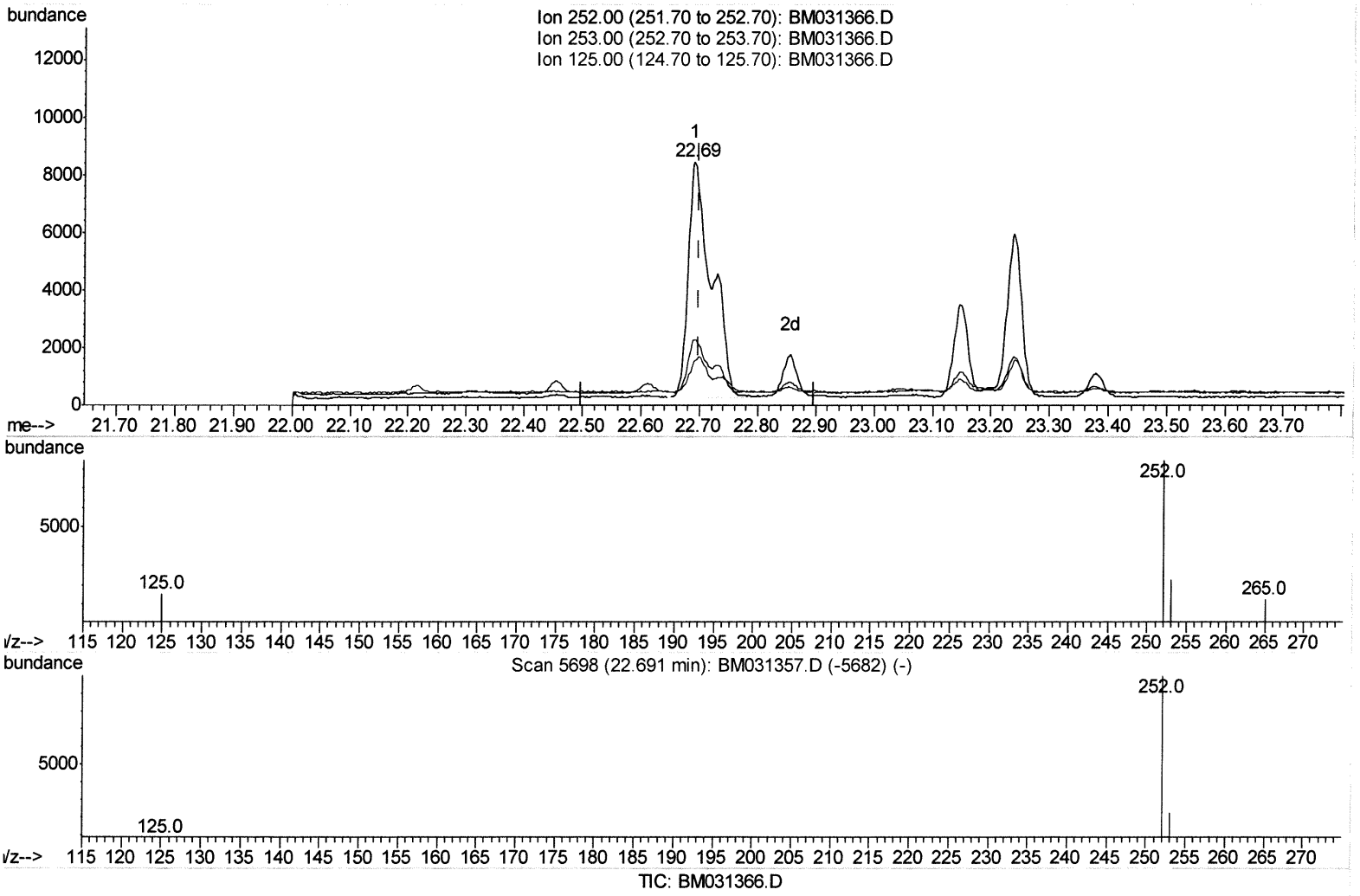


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031366.D
Acq On : 02 Aug 2021 01:58
Operator : CG/JU
Sample : M3107-18
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Aug 02 06:37:19 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 : Mon Aug 02 05:56:06 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEM6

Manual Integrations APPROVED
mohammad
8/2/2021 3:44:06 PM



TIC: BM031366.D

(24) Benzo(b)fluoranthene

22.692min (-0.007) 0.97ng/ul

response 22789

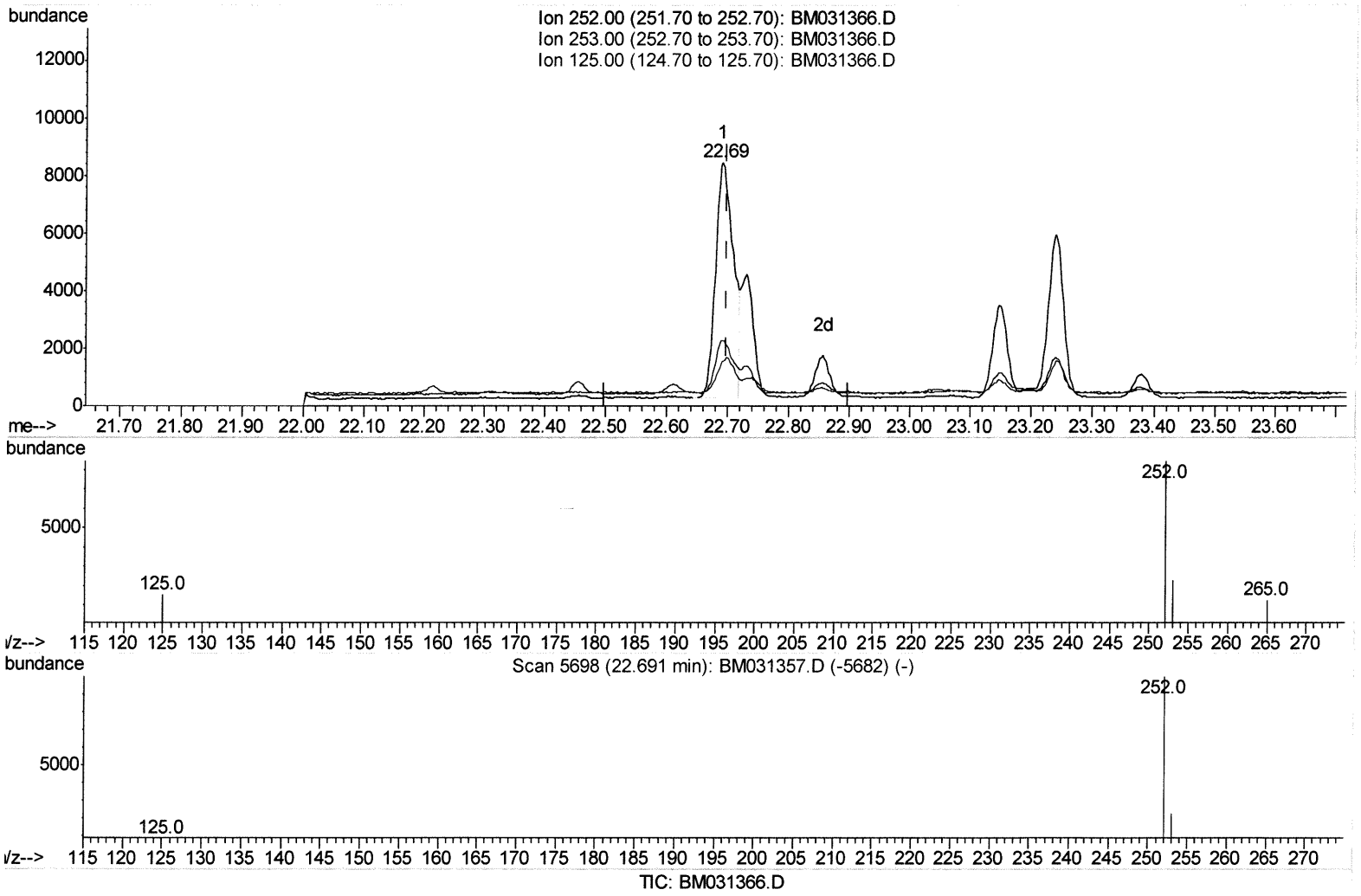
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.94
125.00	11.40	18.28
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031366.D
Acq On : 02 Aug 2021 01:58
Operator : CG/JU
Sample : M3107-18
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Aug 02 06:37:19 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 : Mon Aug 02 05:56:06 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEM6

Manual Integrations APPROVED
mohammad
8/2/2021 3:44:06 PM



TIC: BM031366.D

(24) Benzo(b)fluoranthene

22.692min (-0.007) 0.70ng/ul m JG 8/9/21

response 16453

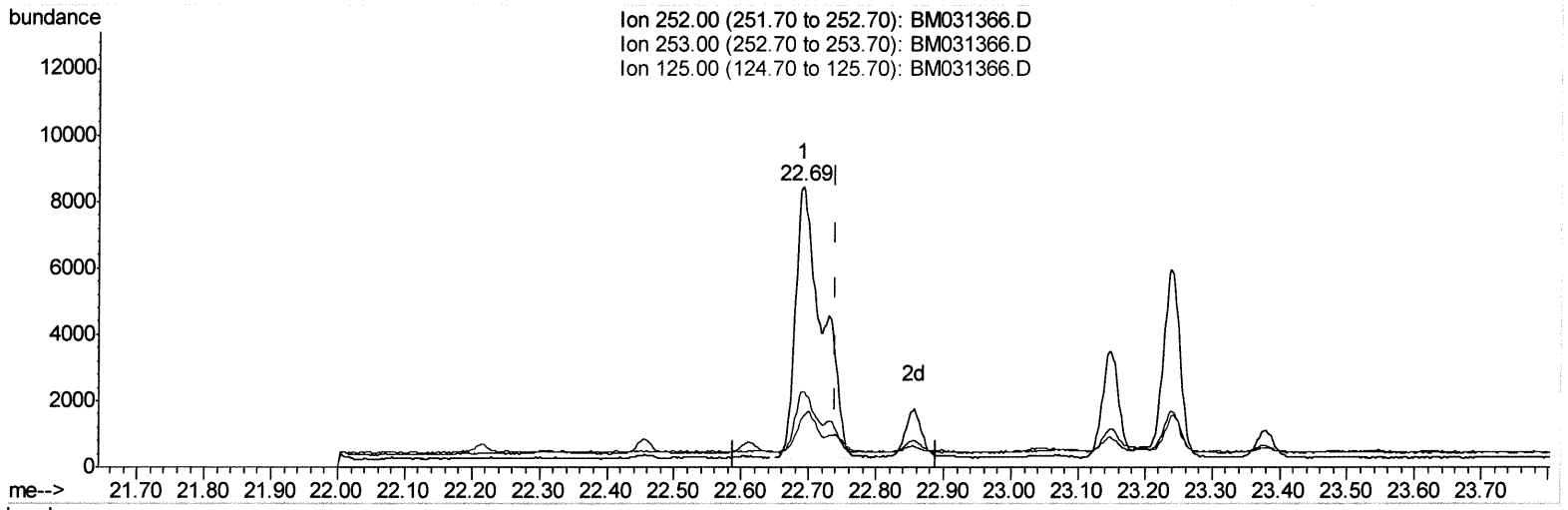
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.94
125.00	11.40	18.28
0.00	0.00	0.00

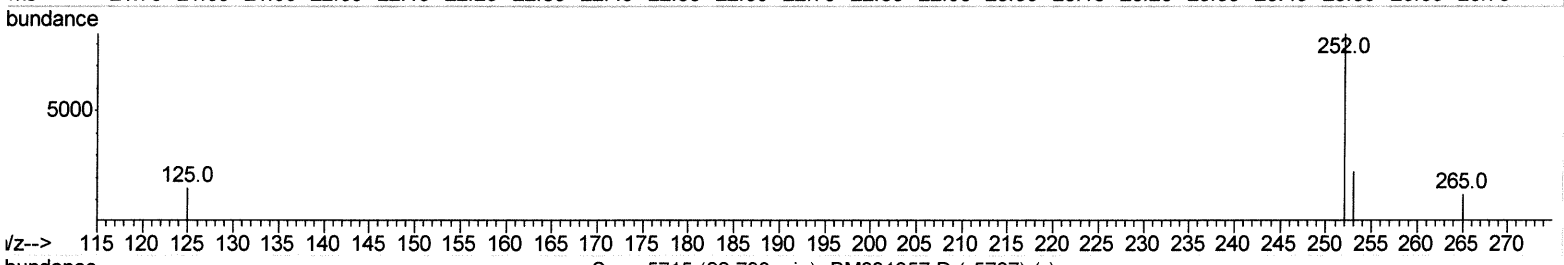
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031366.D
Acq On : 02 Aug 2021 01:58
Operator : CG/JU
Sample : M3107-18
Misc :
ALS Vial : 62 Sample Multiplier: 1

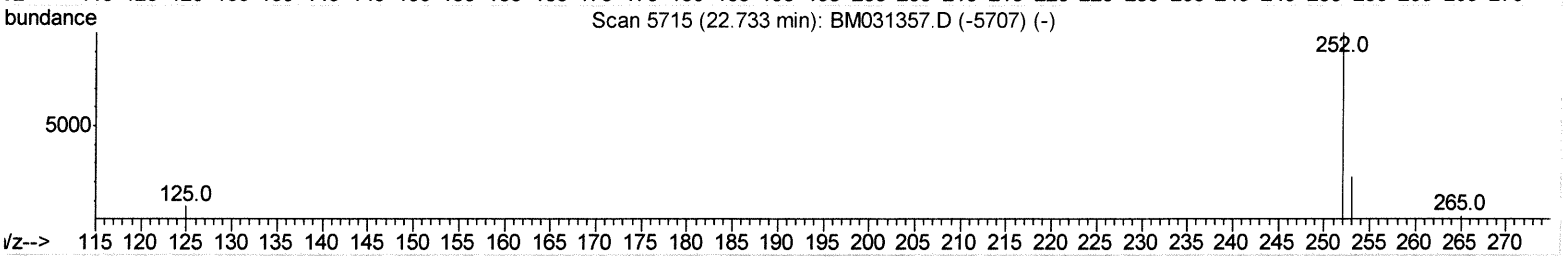
Quant Time: Aug 02 06:48:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 05:56:06 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEM6

Manual Integrations APPROVED
mohammad
8/2/2021 3:44:06 PM







TIC: BM031366.D

(25) Benzo(k)fluoranthene

22.692min (-0.048) 0.95ng/ul

response 22834

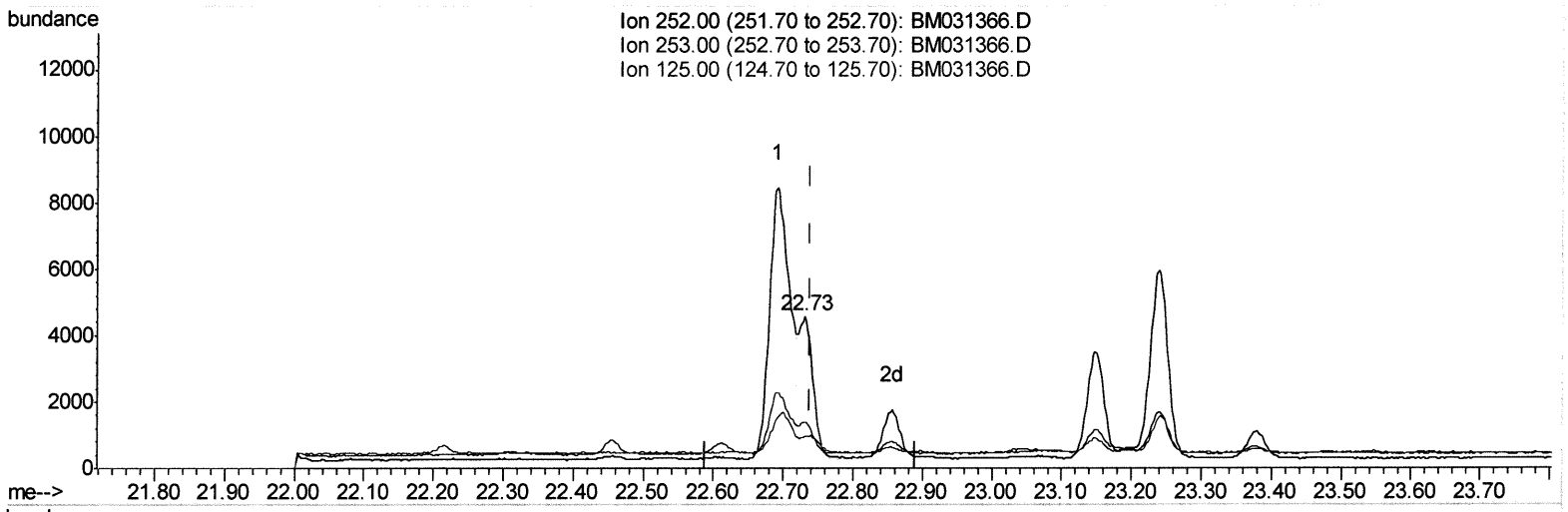
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.94
125.00	11.00	18.28#
0.00	0.00	0.00

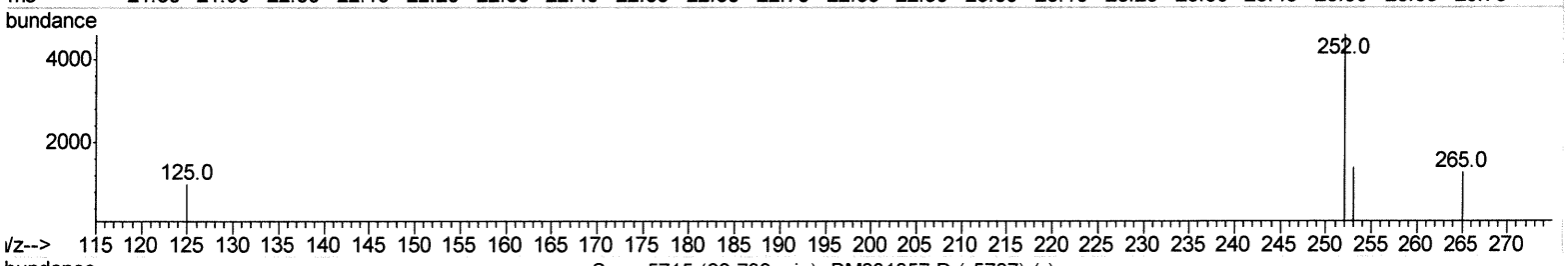
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031366.D
Acq On : 02 Aug 2021 01:58
Operator : CG/JU
Sample : M3107-18
Misc :
ALS Vial : 62 Sample Multiplier: 1

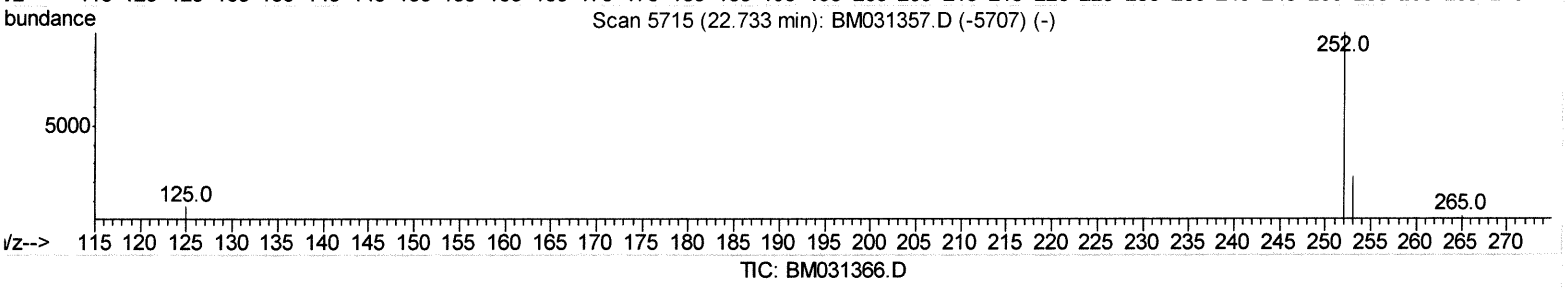
Quant Time: Aug 02 06:48:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 05:56:06 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEM6

Manual Integrations APPROVED
mohammad
8/2/2021 3:44:06 PM







TIC: BM031366.D

(25) Benzo(k)fluoranthene

22.730min (-0.009) 0.27ng/ul m JU 8/3/21

response 6500

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.35
125.00	11.00	21.38#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031366.D
Acq On : 02 Aug 2021 01:58
Operator : CG/JU
Sample : M3107-18
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEM6

Manual Integrations APPROVED
mohammad
8/2/2021 3:44:06 PM

Quant Time: Aug 02 06:48:51 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 : Mon Aug 02 05:56:06 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1552	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	5861	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3407	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6531	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5170	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5190	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	2781	1.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1205	0.12	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	2449	0.14	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.95	152	481	0.033	ng/ul#	70
15) Phenanthrene	17.02	178	4635	0.223	ng/ul	98
16) Anthracene	17.11	178	1858	0.096	ng/ul#	92
19) Fluoranthene	19.04	202	26142	1.184	ng/ul	97
20) Pyrene	19.41	202	22254	0.994	ng/ul	96
21) Benzo(a)anthracene	21.15	228	13358	0.640	ng/ul	96
22) Chrysene	21.21	228	12945	0.599	ng/ul	98
24) Benzo(b)fluoranthene	22.69	252	16453m	0.704	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	6500m	0.269	ng/ul	
26) Benzo(a)pyrene	23.24	252	9913	0.484	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.48	276	7047	0.266	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.48	278	1940	0.091	ng/ul#	56
29) Benzo(g,h,i)perylene	26.13	276	746	0.033	ng/ul#	42

JU 8/3/21

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