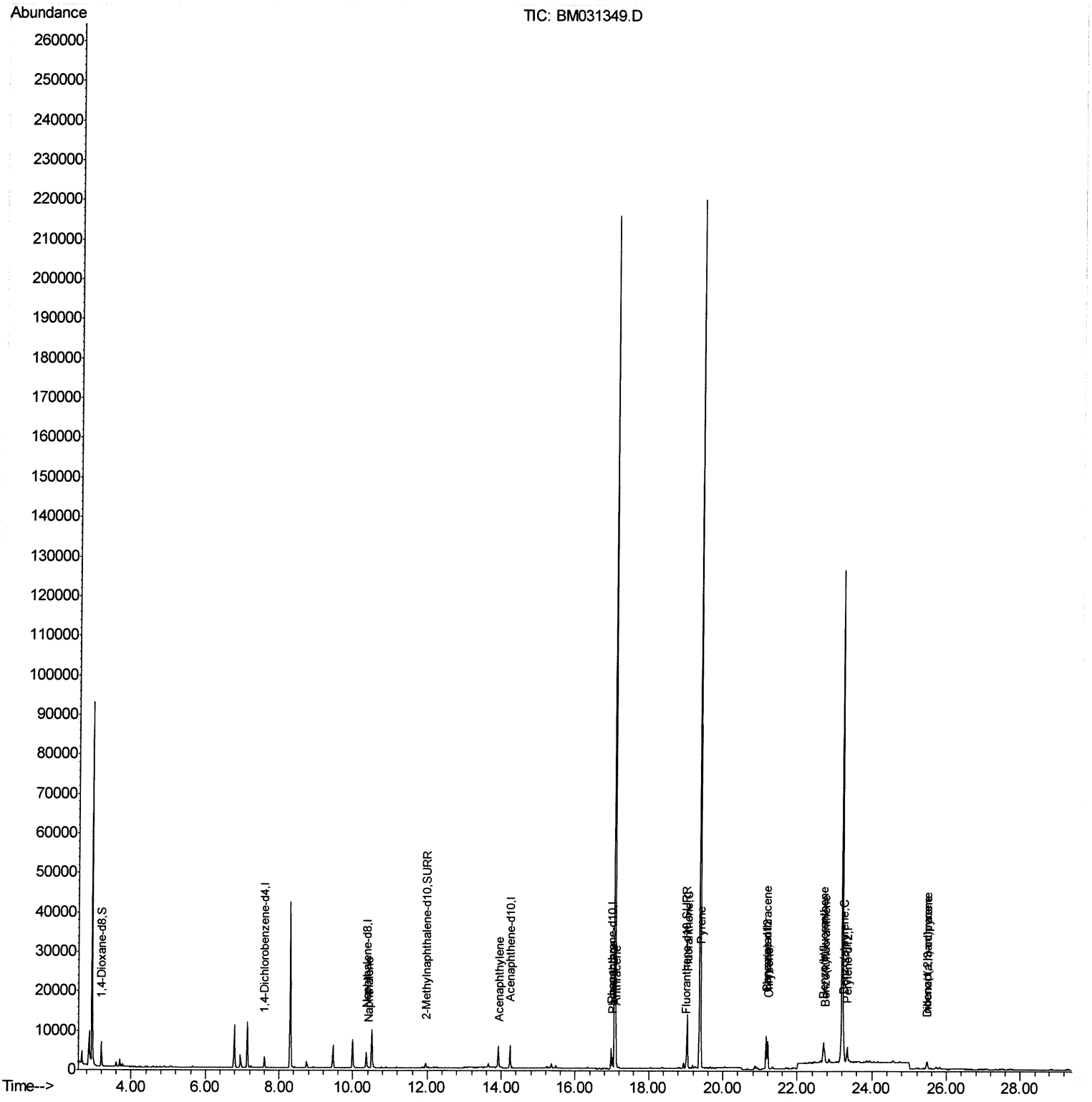
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031349.D
Acq On : 01 Aug 2021 14:57
Operator : CG/JU
Sample : M3107-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 02 05:26:58 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 :
BGD16

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:16 PM

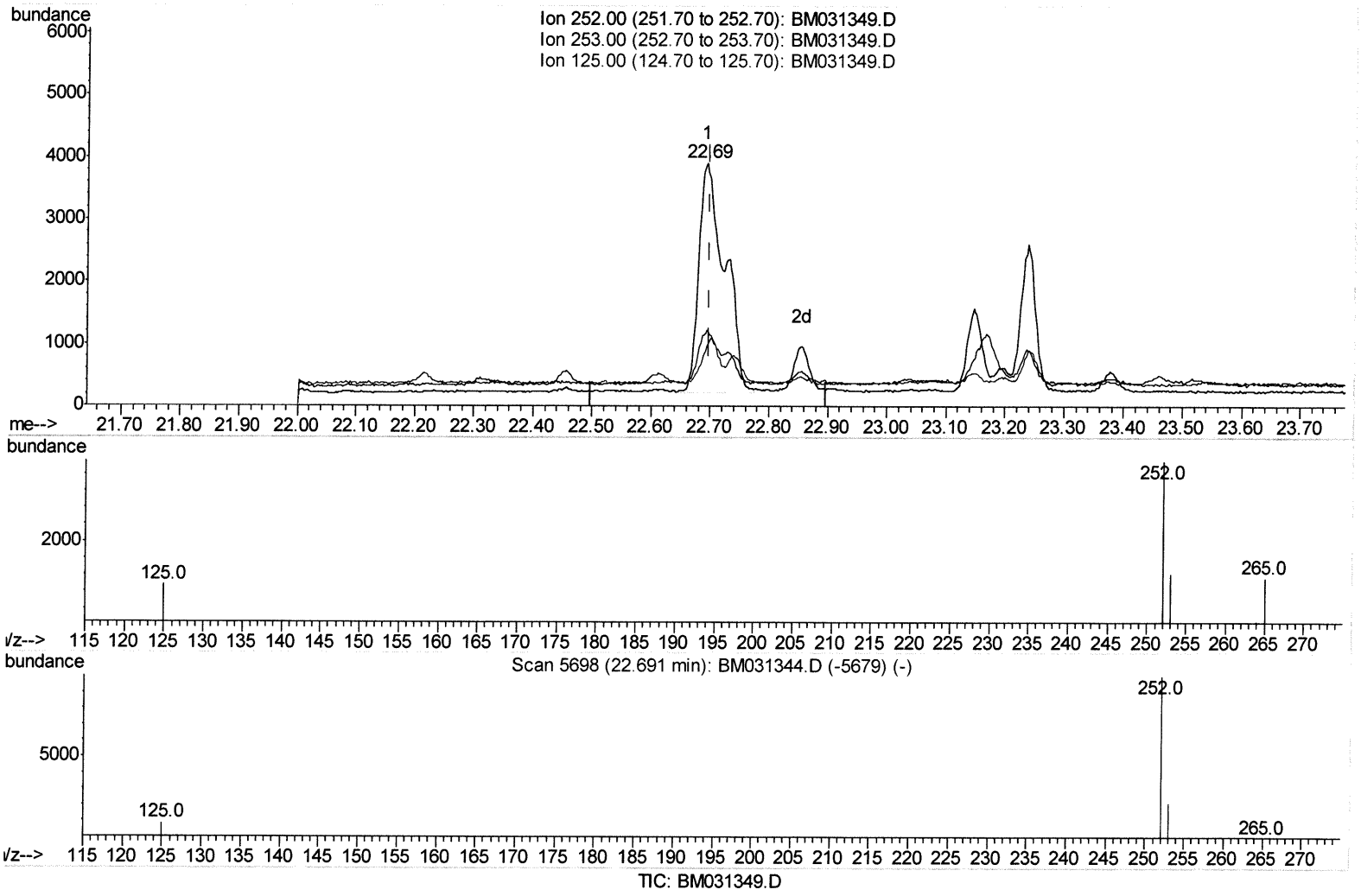


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031349.D
Acq On : 01 Aug 2021 14:57
Operator : CG/JU
Sample : M3107-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 02 01:17:01 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 :
BGD16

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:16 PM



(24) Benzo(b)fluoranthene

22.693min (-0.005) 0.52ng/ul

response 11278

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.35
125.00	11.40	24.41#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031349.D
Acq On : 01 Aug 2021 14:57
Operator : CG/JU
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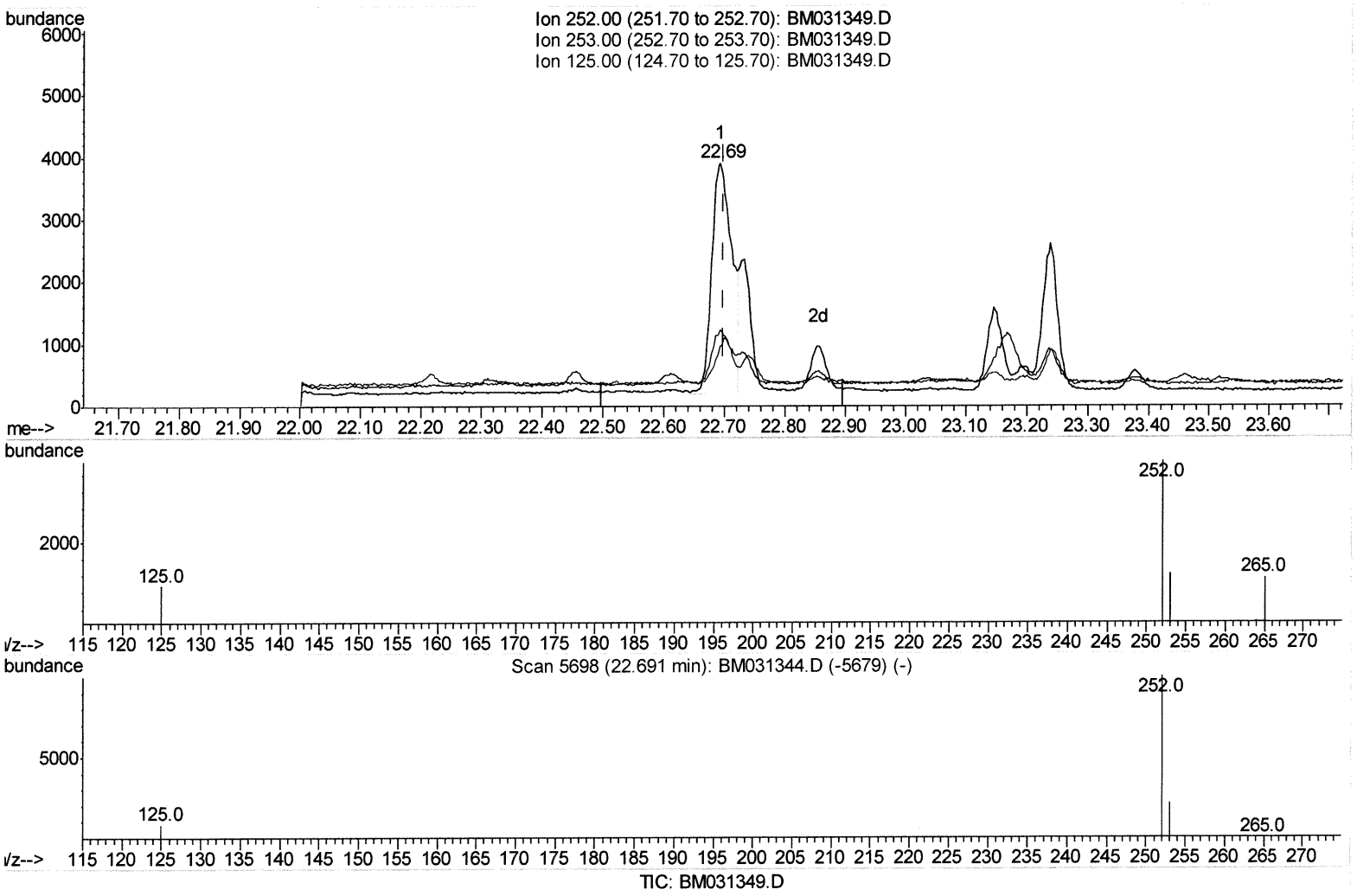
BNA_M
ClientSampleId :
BGD16

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:16 PM



TIC: BM031349.D

(24) Benzo(b)fluoranthene

22.693min (-0.005) 0.40ng/ul m JU 8/3/21

response 8559

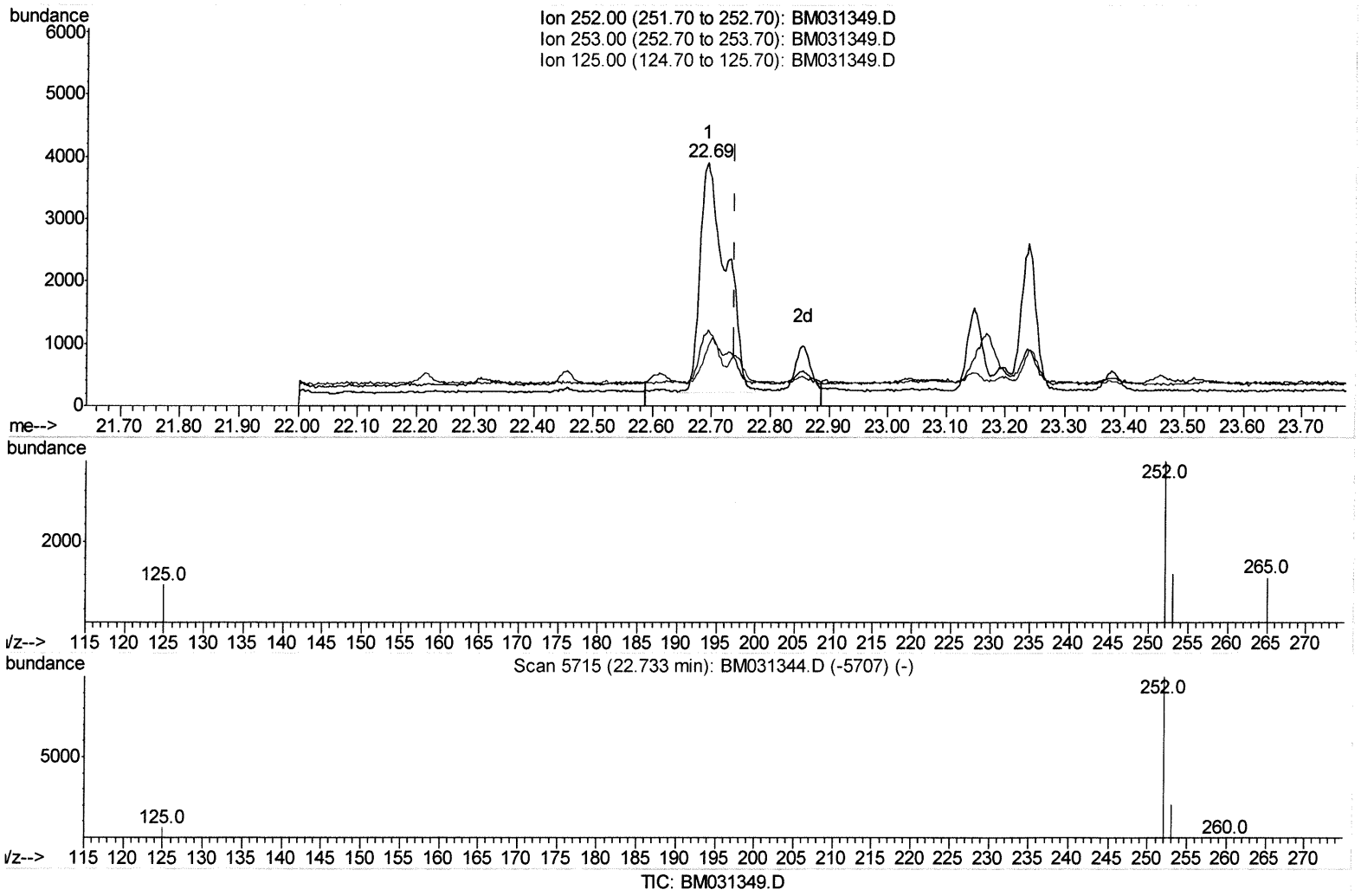
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.35
125.00	11.40	24.41#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031349.D
Acq On : 01 Aug 2021 14:57
Operator : CG/JU
Sample : M3107-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 02 05:26:20 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 :
BGD16

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:16 PM



TIC: BM031349.D

(25) Benzo(k)fluoranthene

22.693min (-0.046) 0.50ng/ul

response 11278

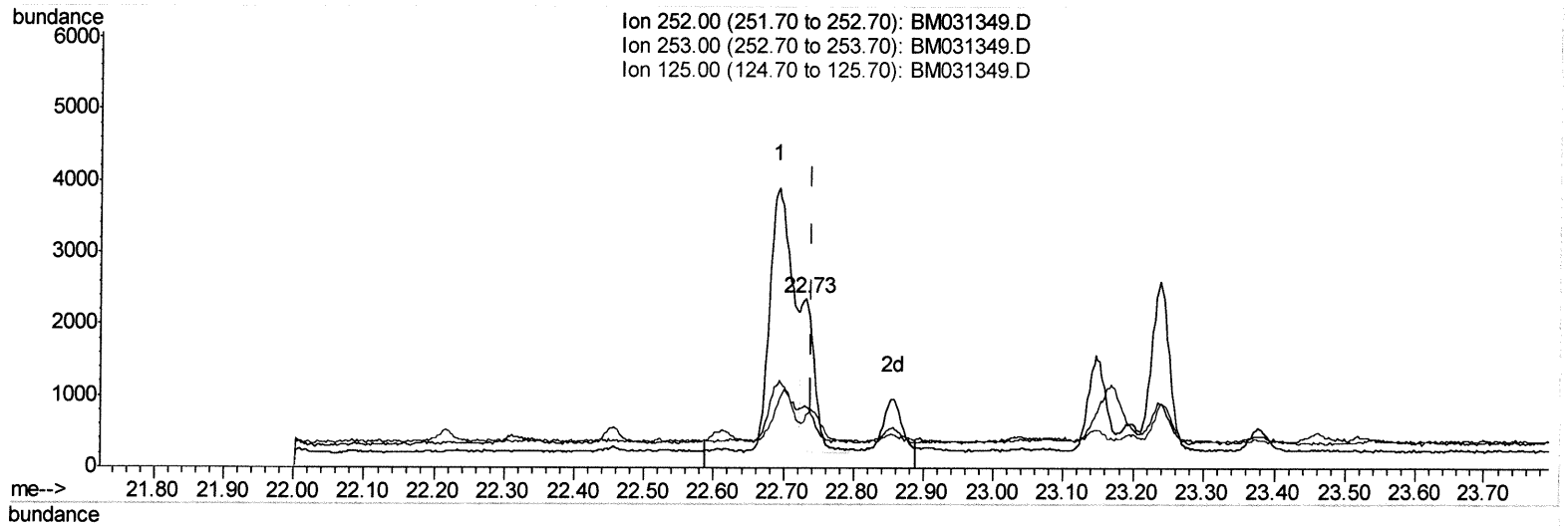
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.35
125.00	11.00	24.41#
0.00	0.00	0.00

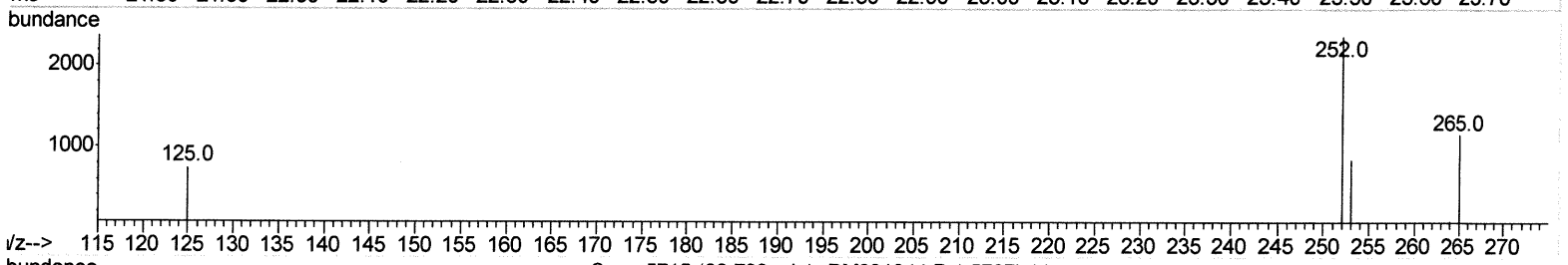
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031349.D
Acq On : 01 Aug 2021 14:57
Operator : CG/JU
Sample : M3107-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

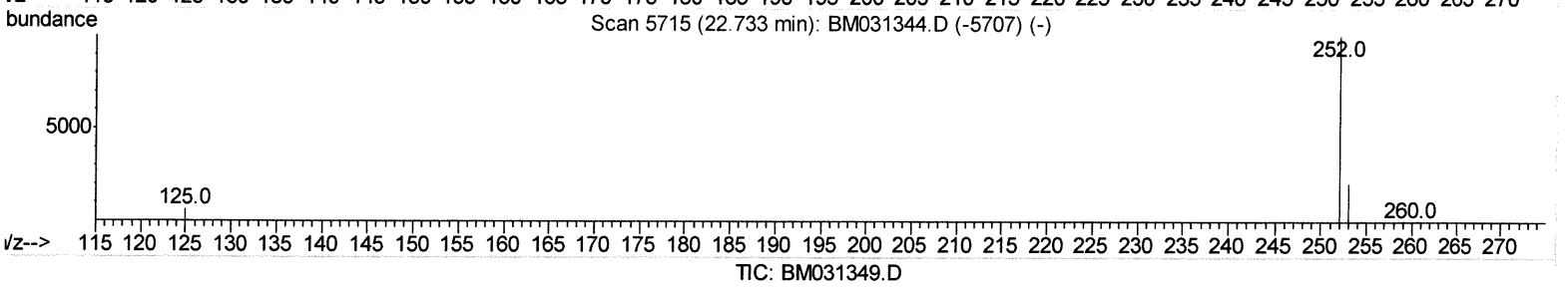
Quant Time: Aug 02 05:26:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD16

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:16 PM







TIC: BM031349.D

(25) Benzo(k)fluoranthene

22.732min (-0.007) 0.13ng/ul m JU 8/3/21

response 2848

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	35.71#
125.00	11.00	31.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031349.D
Acq On : 01 Aug 2021 14:57
Operator : CG/JU
Sample : M3107-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD16

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:16 PM

Quant Time: Aug 02 05:26:58 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	7.60	152	1387	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	5271	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3172	0.40	ng/ul	-0.01
13) Phenanthrene-d10	16.98	188	6134	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	4805	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4808	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3795	2.46	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1410	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	2917	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	403	0.026	ng/ul#	66
10) Acenaphthylene	13.95	152	428	0.032	ng/ul#	53
15) Phenanthrene	17.02	178	3008	0.154	ng/ul	98
16) Anthracene	17.11	178	1260	0.069	ng/ul#	86
19) Fluoranthene	19.04	202	11894	0.580	ng/ul	96
20) Pyrene	19.40	202	9539	0.458	ng/ul	96
21) Benzo(a)anthracene	21.16	228	6230	0.321	ng/ul	93
22) Chrysene	21.21	228	6453	0.321	ng/ul	97
24) Benzo(b)fluoranthene	22.69	252	8559m	0.395	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	2848m	0.127	ng/ul	
26) Benzo(a)pyrene	23.24	252	4054	0.214	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.47	276	3070	0.125	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.47	278	922	0.047	ng/ul#	31

JU 8/3/21

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