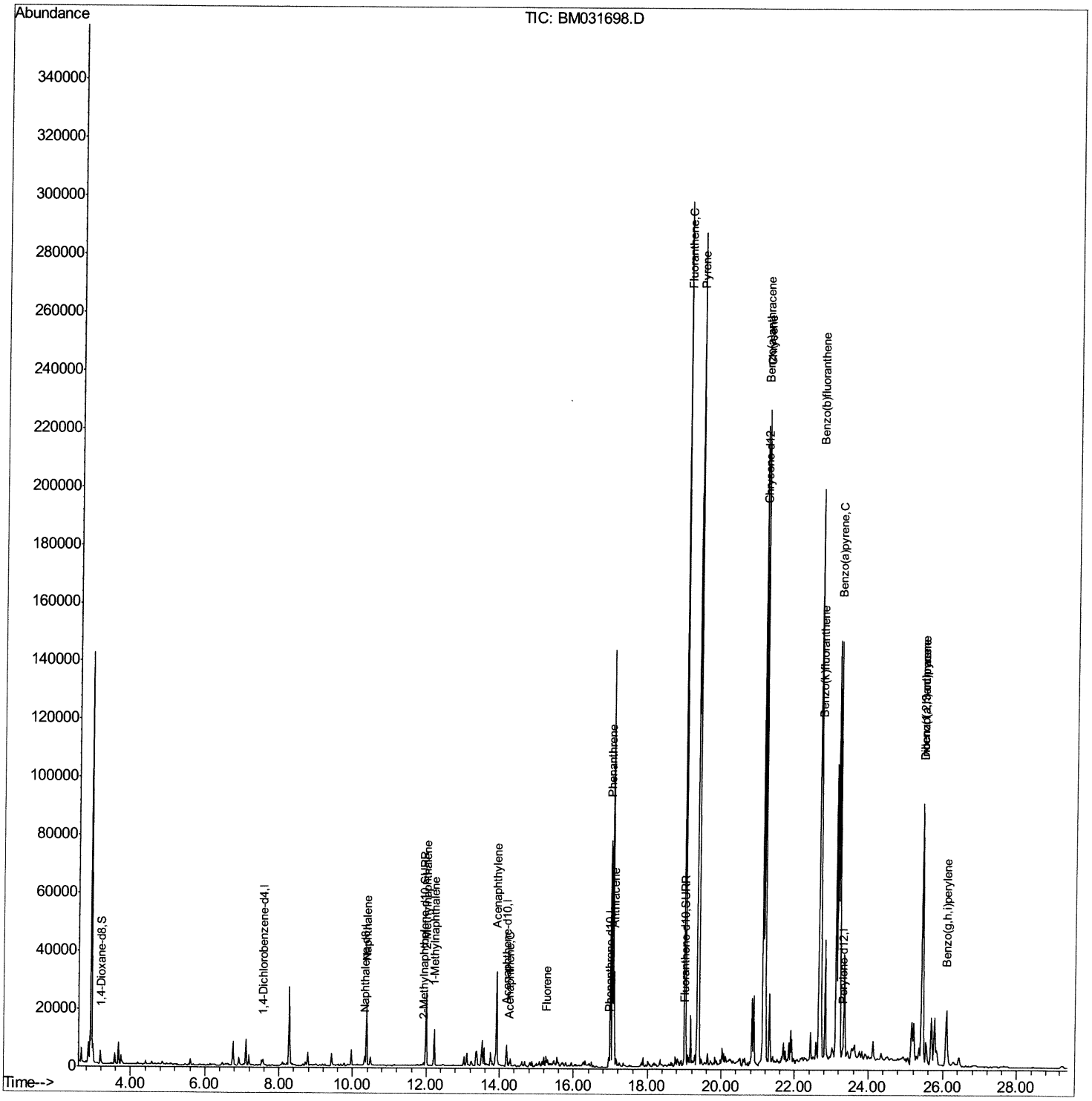
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 13 05:16:36 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM



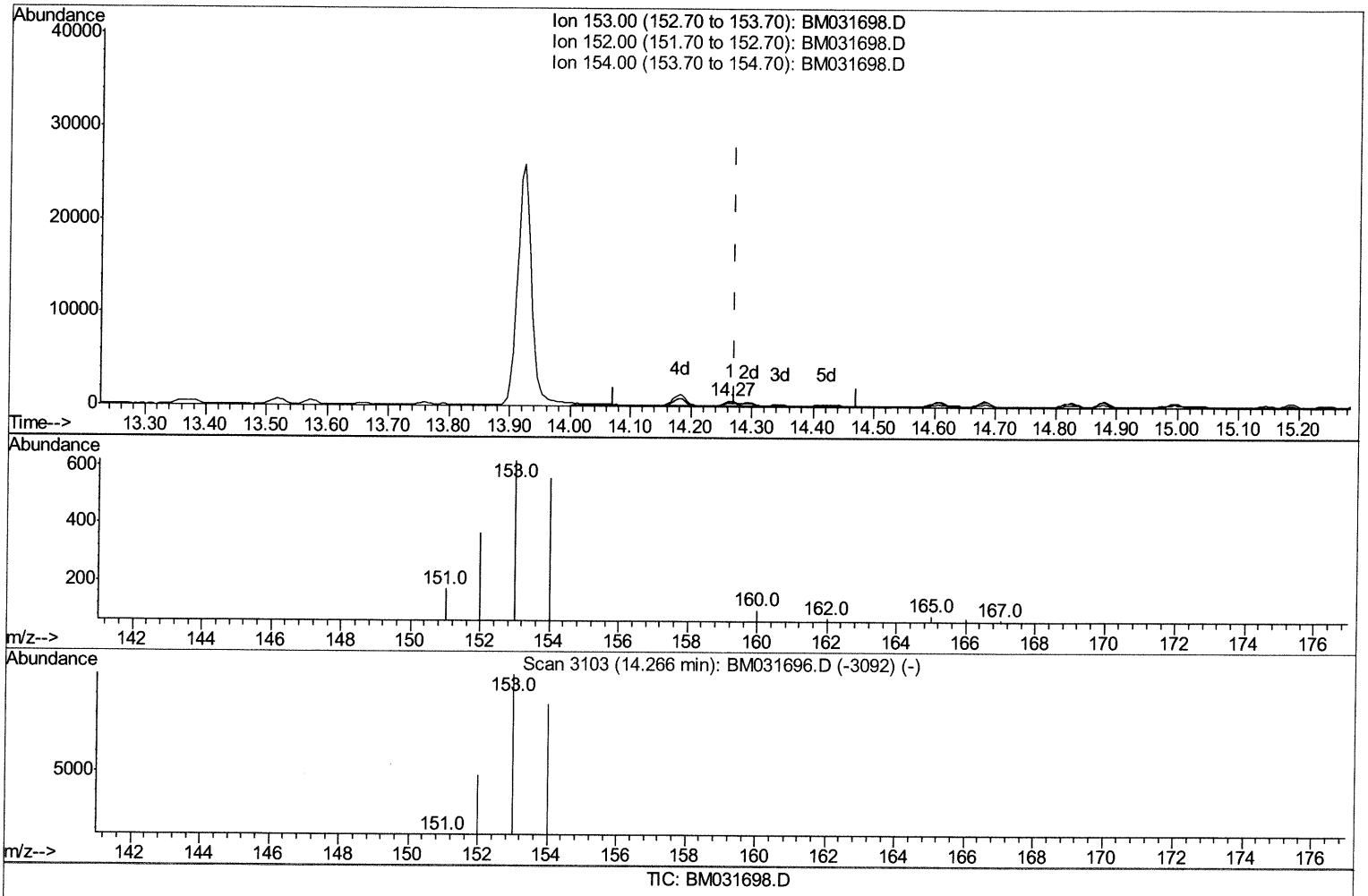
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 13 05:13:10 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM



TIC: BM031698.D

(11) Acenaphthene (C)

14.265min (-0.007) 0.09ng/ul

response 849

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	59.03
154.00	87.70	90.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 13 05:13:10 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 : Thu Aug 12 17:28:09 2021
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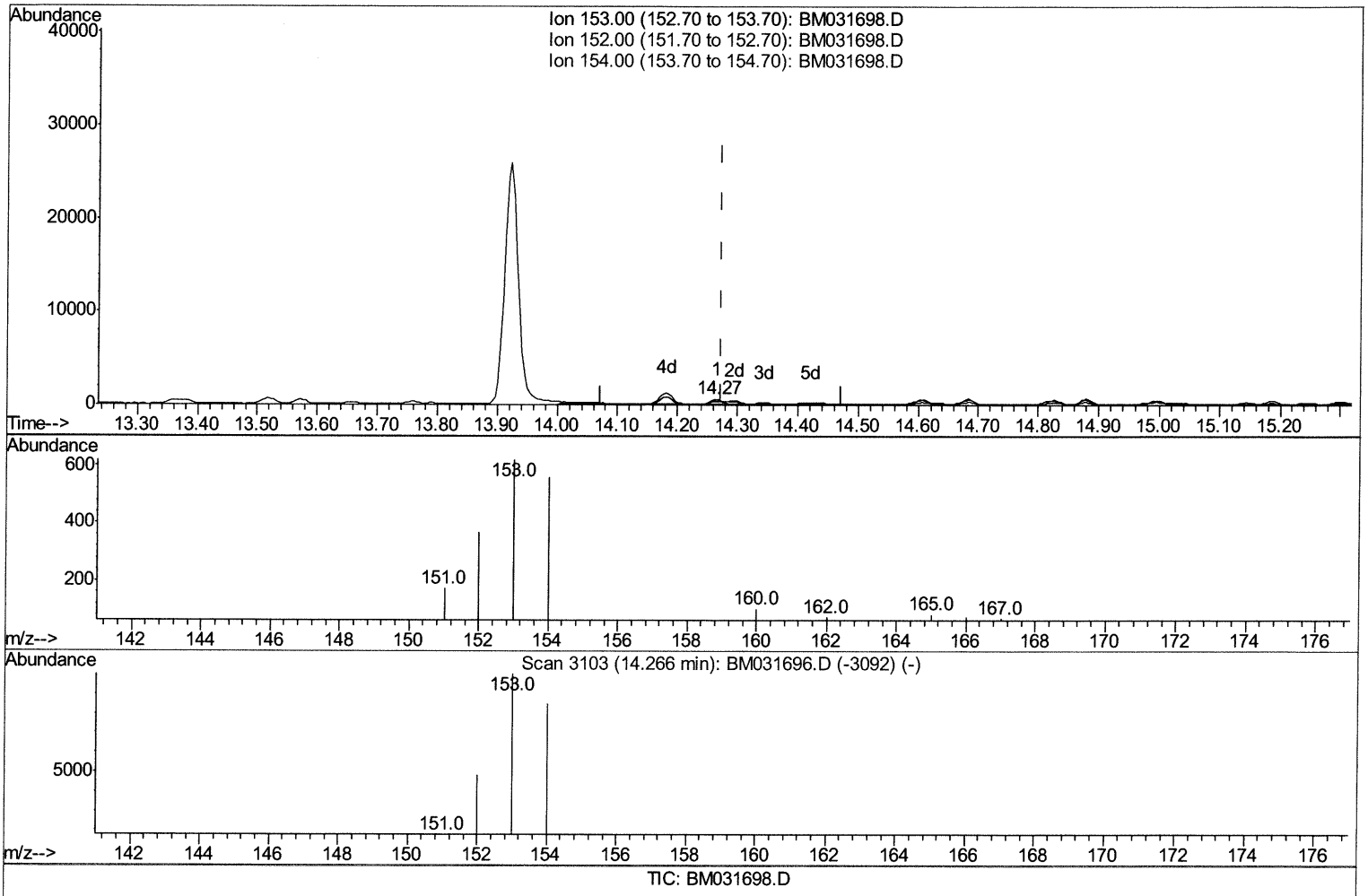
Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM



TIC: BM031698.D

(11) Acenaphthene (C)

14.265min (-0.007) 0.14ng/ul m C 8/16/21 JU

response 1261

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	59.03
154.00	87.70	90.32
0.00	0.00	0.00

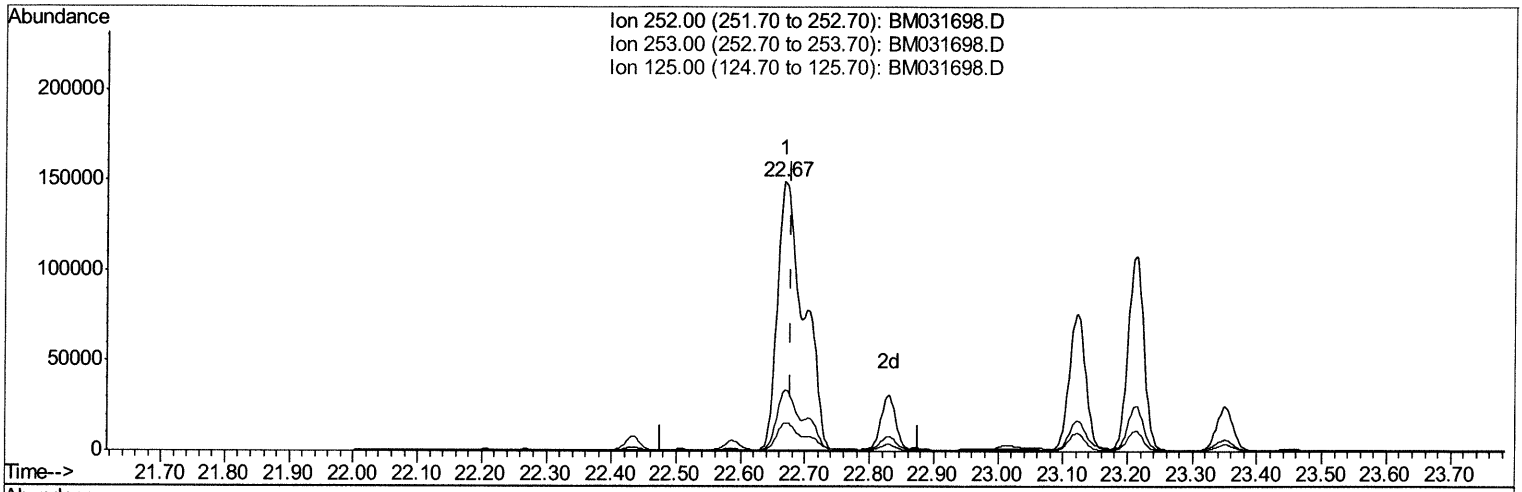
Quantitation Report (Qedit)

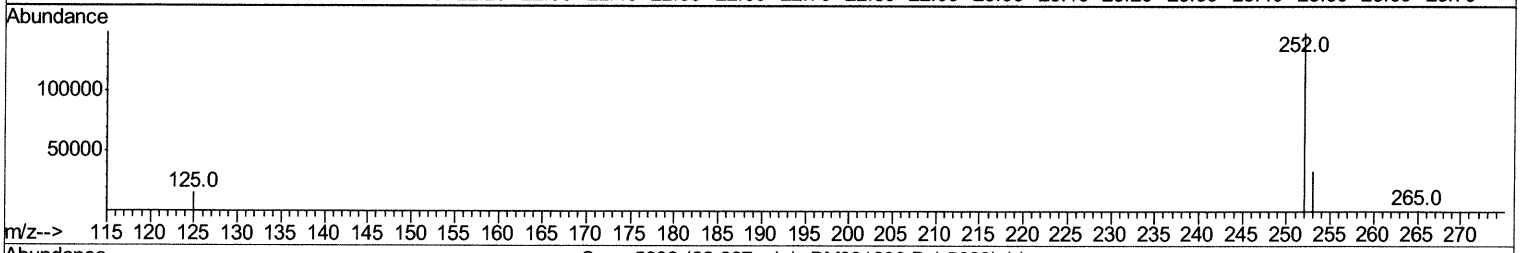
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

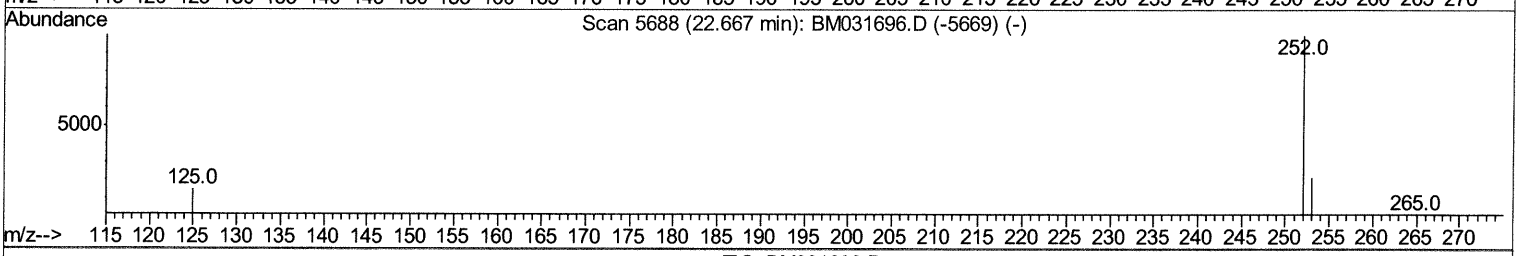
Quant Time: Aug 13 05:14:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM







TIC: BM031698.D

(24) Benzo(b)fluoranthene

22.667min (-0.009) 21.63ng/ul

response 420162

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.49
125.00	11.40	10.32
0.00	0.00	0.00

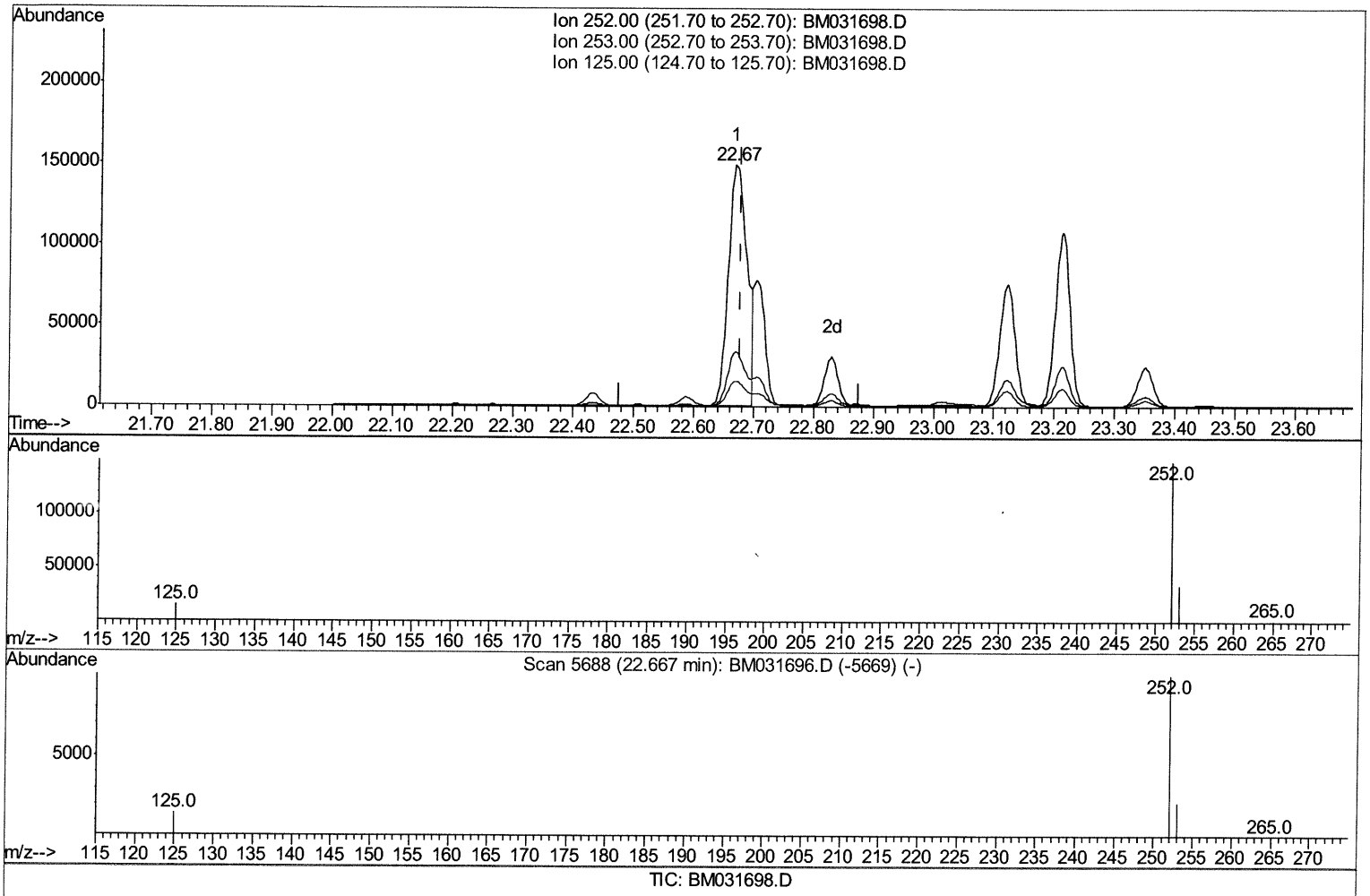
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 13 05:14:32 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM



TIC: BM031698.D

(24) Benzo(b)fluoranthene

22.667min (-0.009) 16.30ng/ul m 08/16/21JU

response 316643

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.49
125.00	11.40	10.32
0.00	0.00	0.00

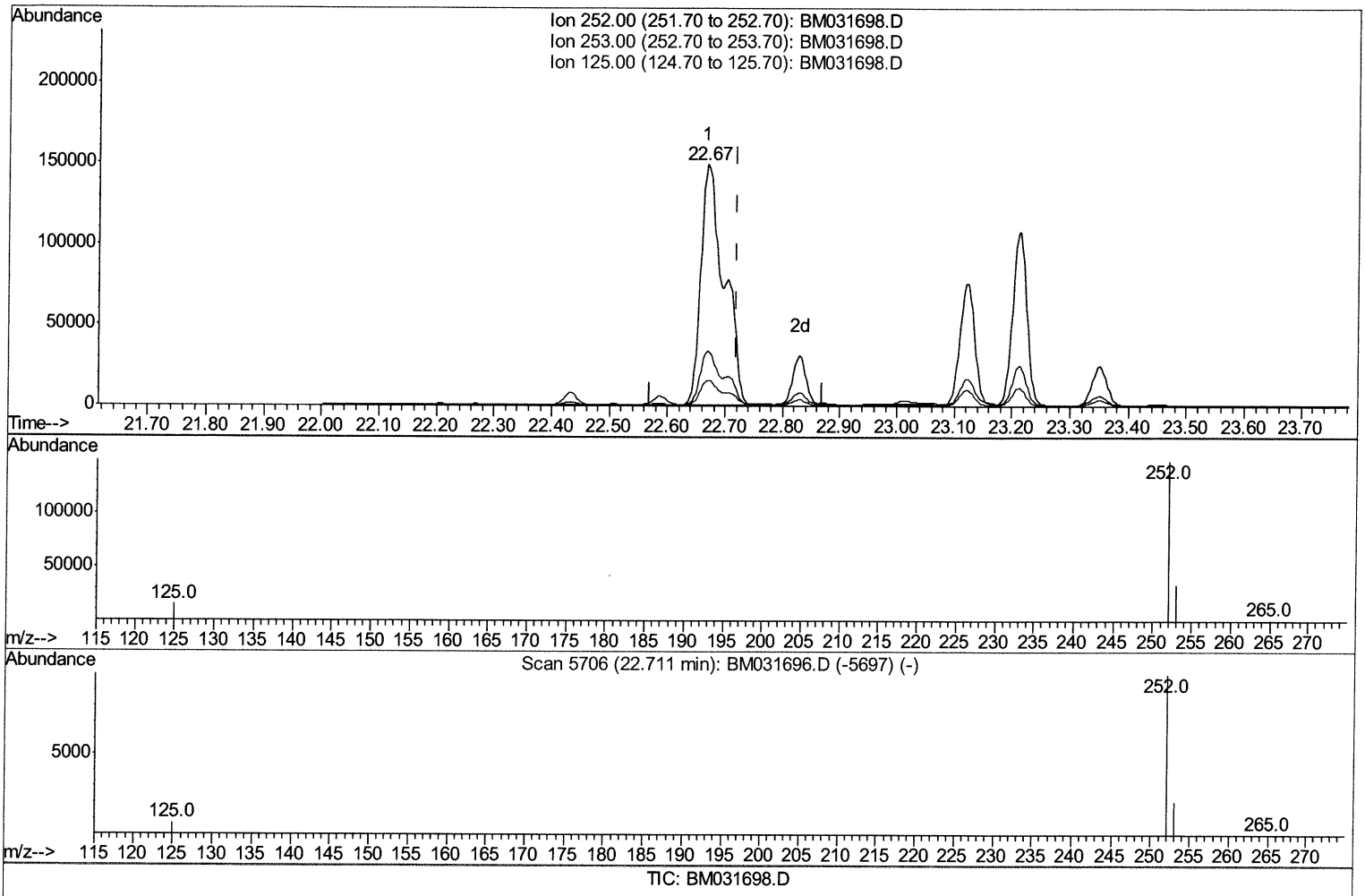
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 13 05:15:26 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM



TIC: BM031698.D

(25) Benzo(k)fluoranthene

22.667min (-0.053) 20.93ng/ul

response 420218

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.49
125.00	11.00	10.32
0.00	0.00	0.00

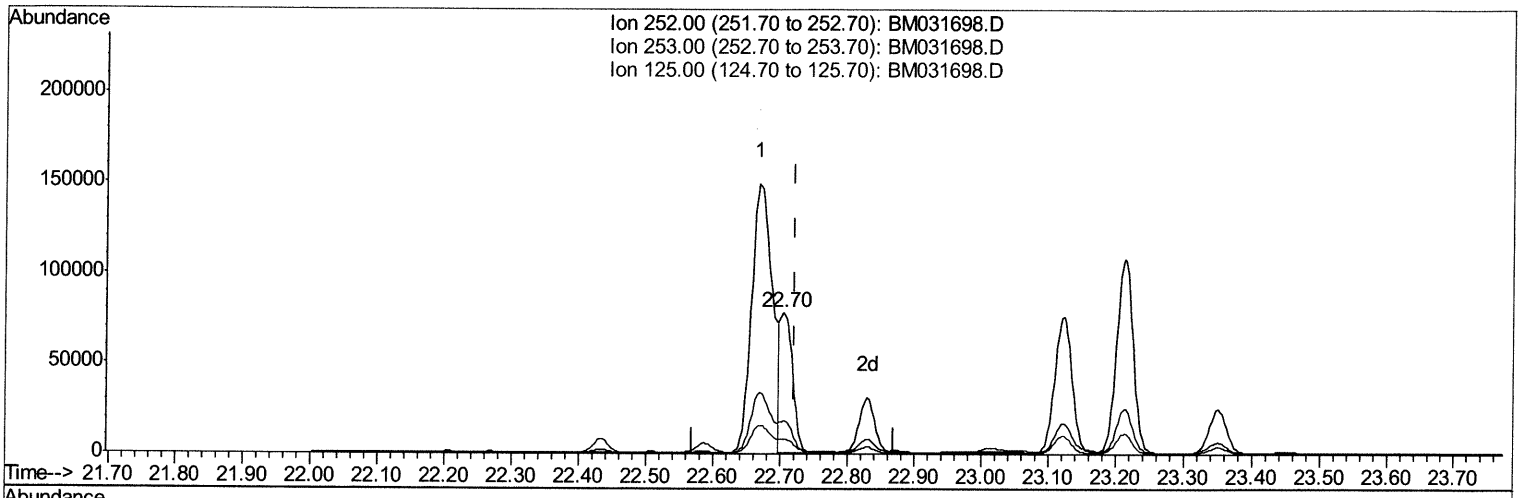
Quantitation Report (Qedit)

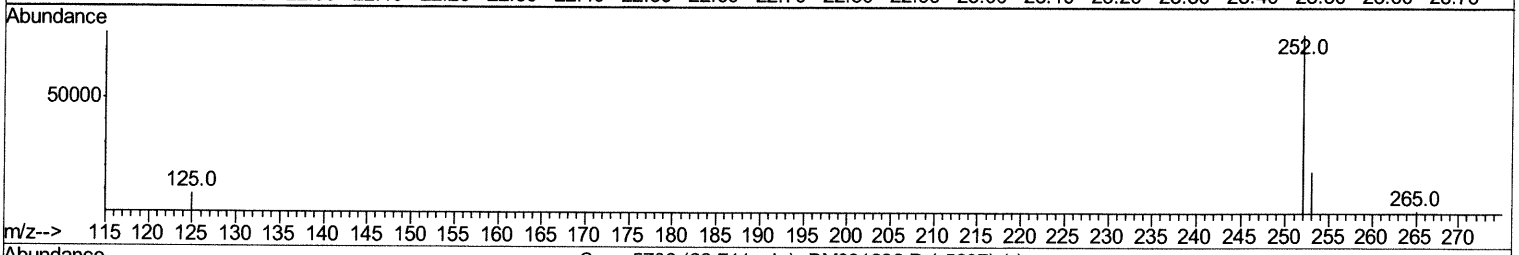
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

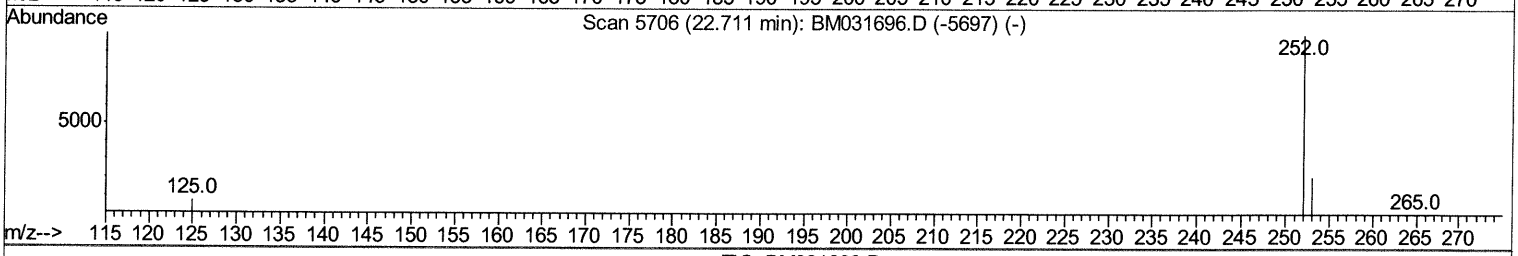
Quant Time: Aug 13 05:15:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM







TIC: BM031698.D

(25) Benzo(k)fluoranthene

22.704min (-0.017) 5.11ng/ul m 08/16/21 JU

response 102615

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.64
125.00	11.00	10.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031698.D
Acq On : 13 Aug 2021 04:41
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00C8

Manual Integrations APPROVED
mohammad
8/13/2021 5:15:01 PM

Quant Time: Aug 13 05:16:36 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1090	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	3983	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2548	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4592	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4034	0.40	ng/ul	0.00
23) Perylene-d12	23.30	264	4312	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2945	2.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1300	0.19	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	2749	0.20	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	28105	2.369	ng/ul	97
7) 2-Methylnaphthalene	12.00	142	17600	2.171	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	8490	1.060	ng/ul	99
10) Acenaphthylene	13.92	152	39363	3.627	ng/ul	97
11) Acenaphthene	14.27	153	1261m >	0.138	ng/ul >	08/16/21JU
12) Fluorene	15.26	166	2657	0.253	ng/ul#	87
15) Phenanthrene	16.99	178	79459	5.449	ng/ul	97
16) Anthracene	17.09	178	32773	2.401	ng/ul	98
19) Fluoranthene	19.02	202	246658	14.319	ng/ul	97
20) Pyrene	19.38	202	238355	13.643	ng/ul	97
21) Benzo(a)anthracene	21.13	228	180274	11.067	ng/ul	96
22) Chrysene	21.19	228	215570	12.791	ng/ul	98
24) Benzo(b)fluoranthene	22.67	252	316643m >	16.298	ng/ul >	08/16/21JU
25) Benzo(k)fluoranthene	22.70	252	102615m >	5.112	ng/ul >	
26) Benzo(a)pyrene	23.21	252	184364	10.836	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.43	276	136005	6.184	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.44	278	33467	1.888	ng/ul	98
29) Benzo(g,h,i)perylene	26.09	276	38005	2.026	ng/ul	98

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