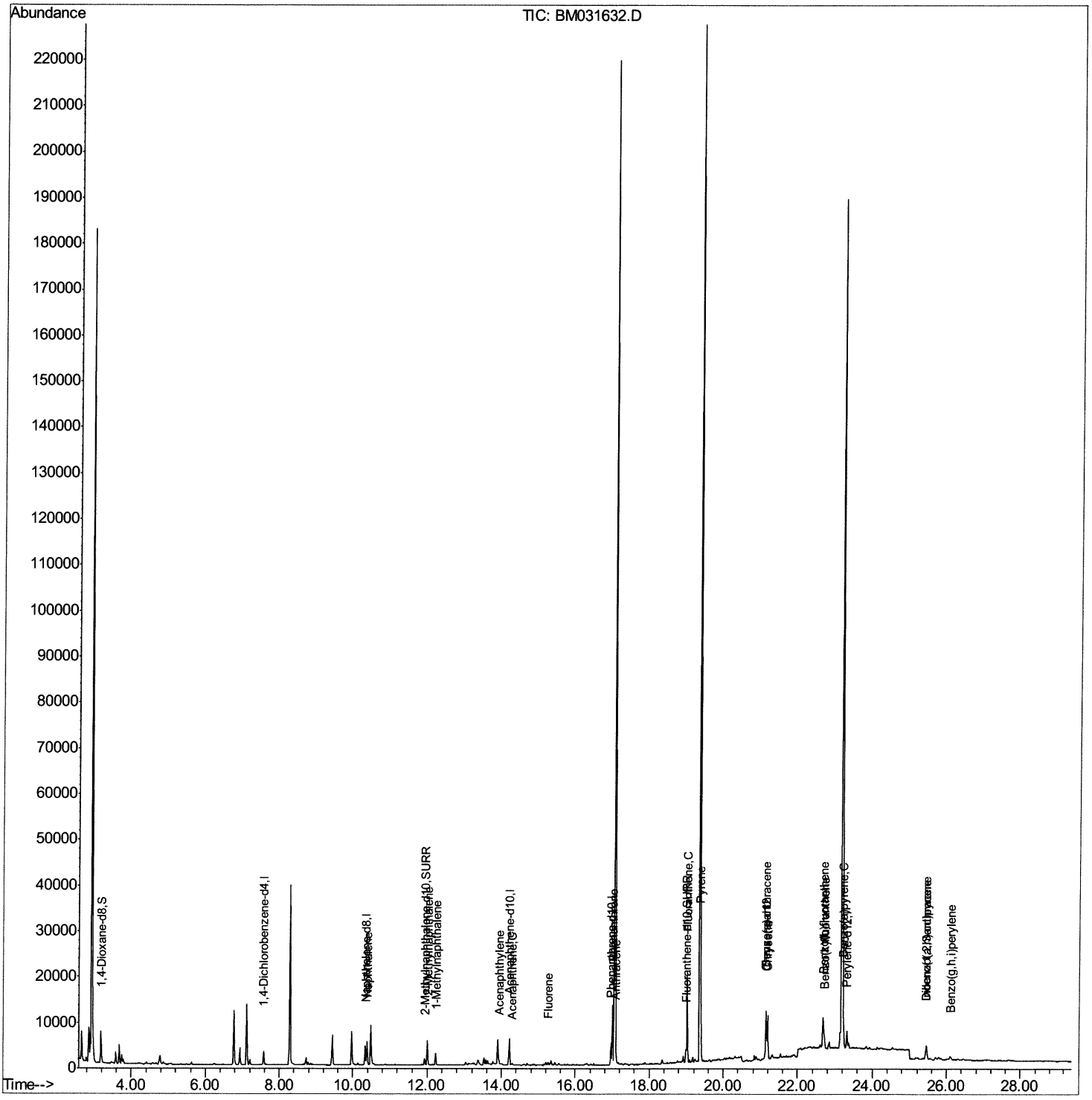
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031632.D
Acq On : 10 Aug 2021 09:21
Operator : CG/JU
Sample : M3169-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 10 10:13:16 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 09 10:16:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00B4

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:02 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031632.D
Acq On : 10 Aug 2021 09:21
Operator : CG/JU
Sample : M3169-15
Misc :
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Quant Time: Aug 10 10:10:42 2021
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Manual Integrations APPROVED
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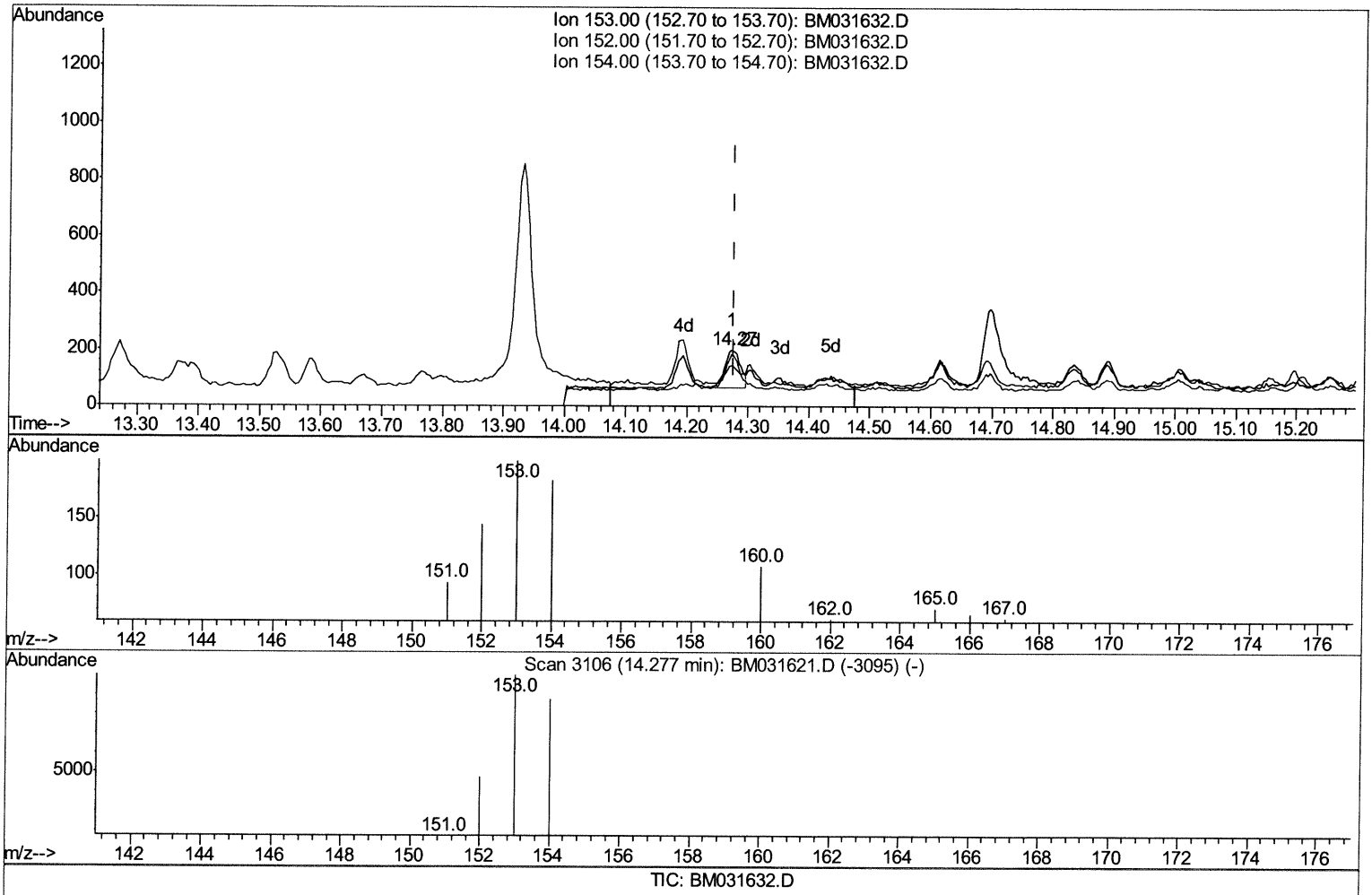

TIC: BM031632.D

(11) Acenaphthene (C)

14.273min (-0.004) 0.02ng/ul

response 230

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	72.00#
154.00	87.70	91.50
0.00	0.00	0.00

Quantitation Report (Qedit)

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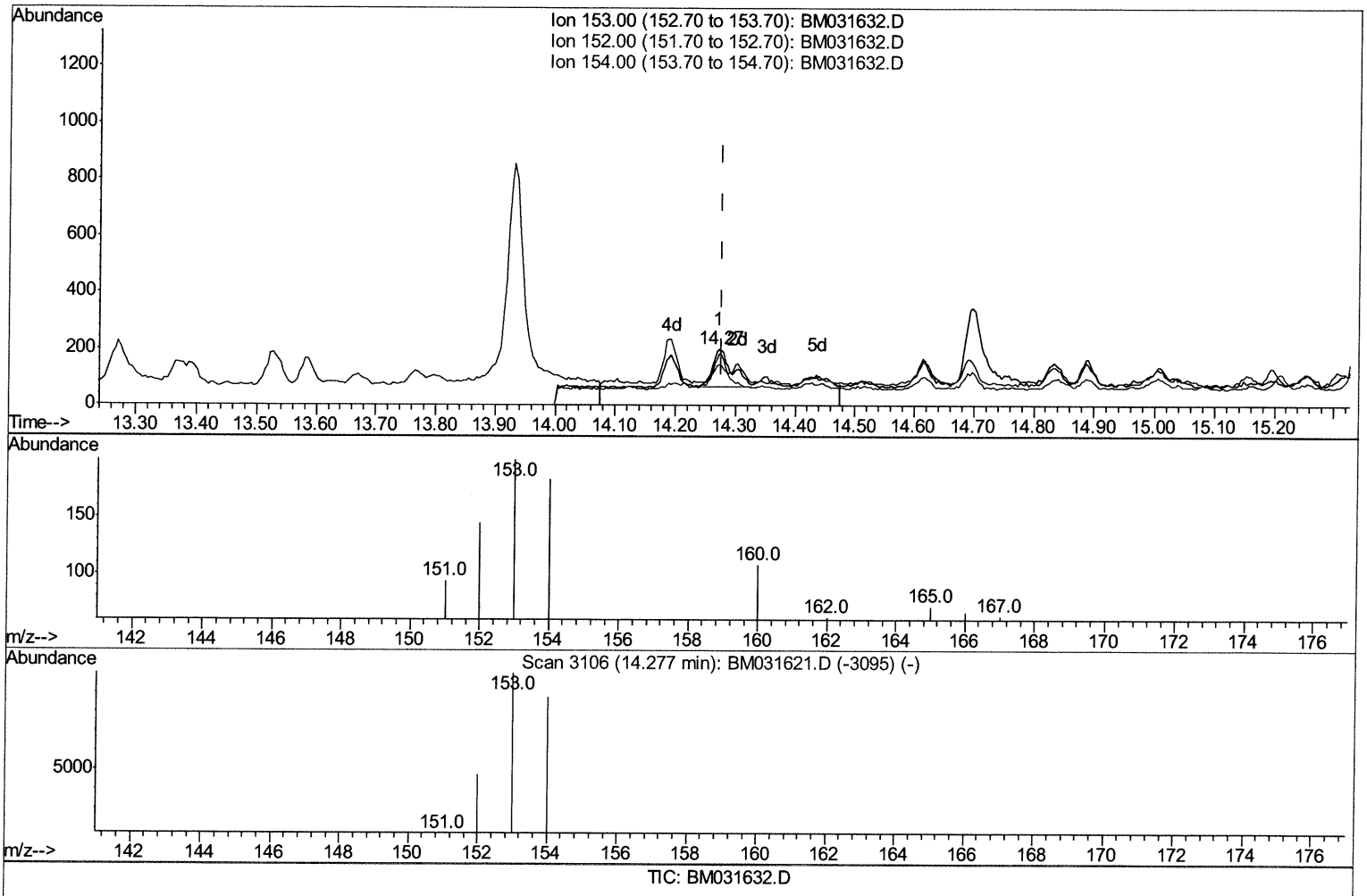
Manual Integrations APPROVED
mohammad
8/10/2021 4:37:02 PM



TIC: BM031632.D

(11) Acenaphthene (C)

14.273min (-0.004) 0.03ng/ul m

JU 8/12/21

response 309

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	72.00#
154.00	87.70	91.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031632.D
Acq On : 10 Aug 2021 09:21
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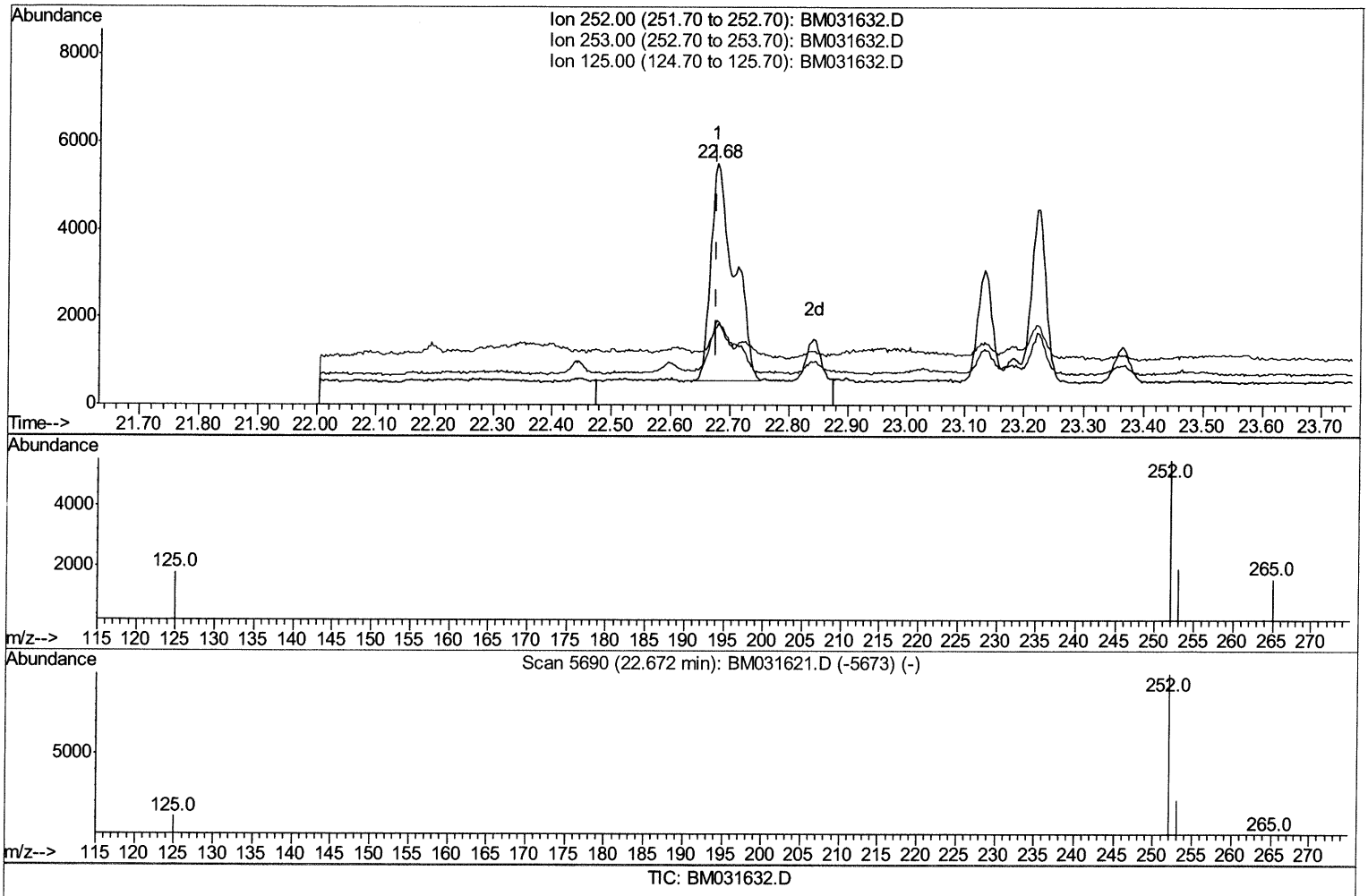
Manual Integrations APPROVED
mohammad
8/10/2021 4:37:02 PM



TIC: BM031632.D

(24) Benzo(b)fluoranthene

22.677min (-0.000) 0.64ng/ul

response 13623

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.96
125.00	11.40	32.48#
0.00	0.00	0.00

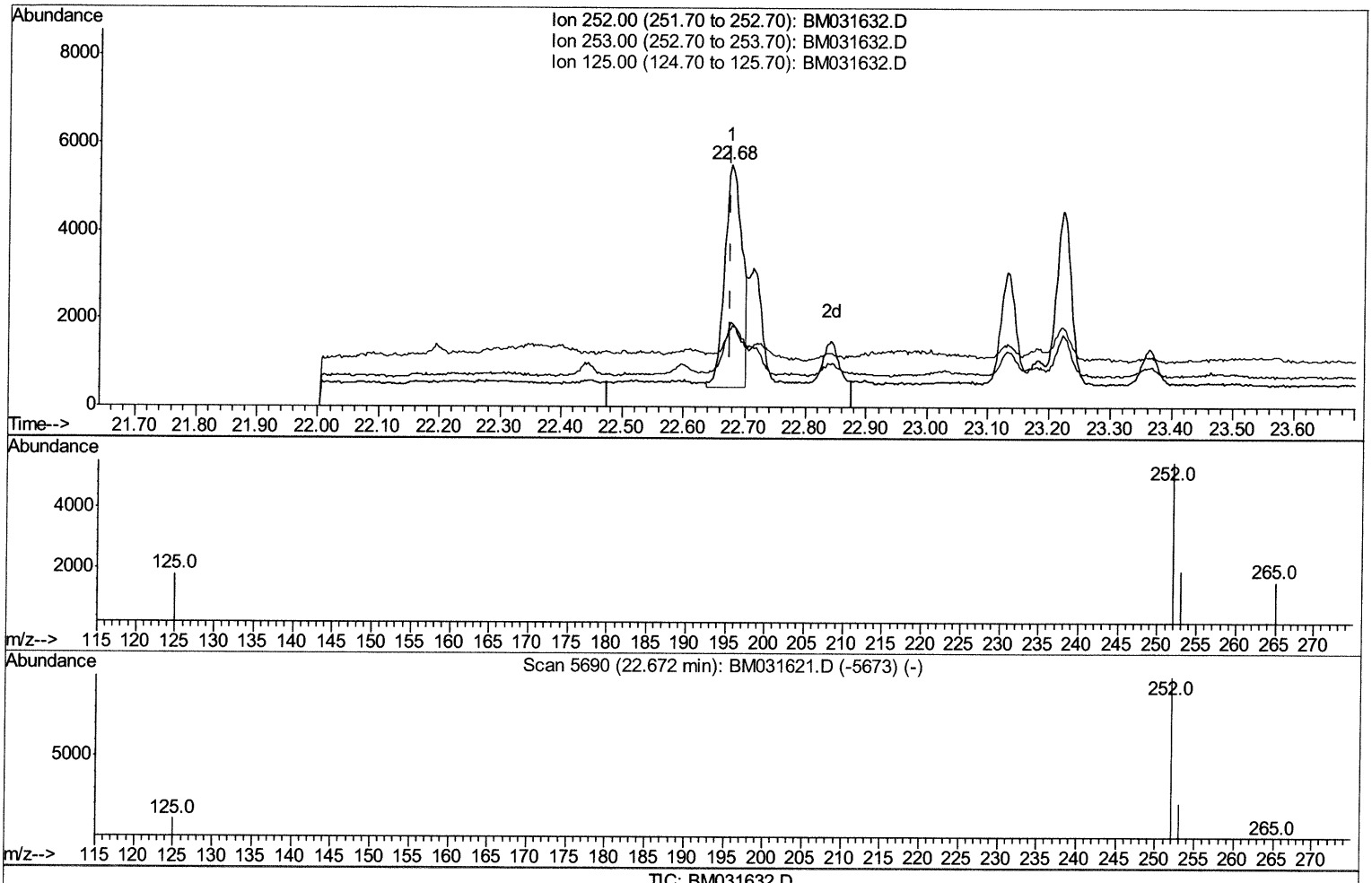
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031632.D
Acq On : 10 Aug 2021 09:21
Operator : CG/JU
Sample : M3169-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 10 10:10:42 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 09 10:16:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00B4

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:02 PM



TIC: BM031632.D

(24) Benzo(b)fluoranthene

22.677min (-0.000) 0.46ng/ul m

response 9810

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.96
125.00	11.40	32.48#
0.00	0.00	0.00

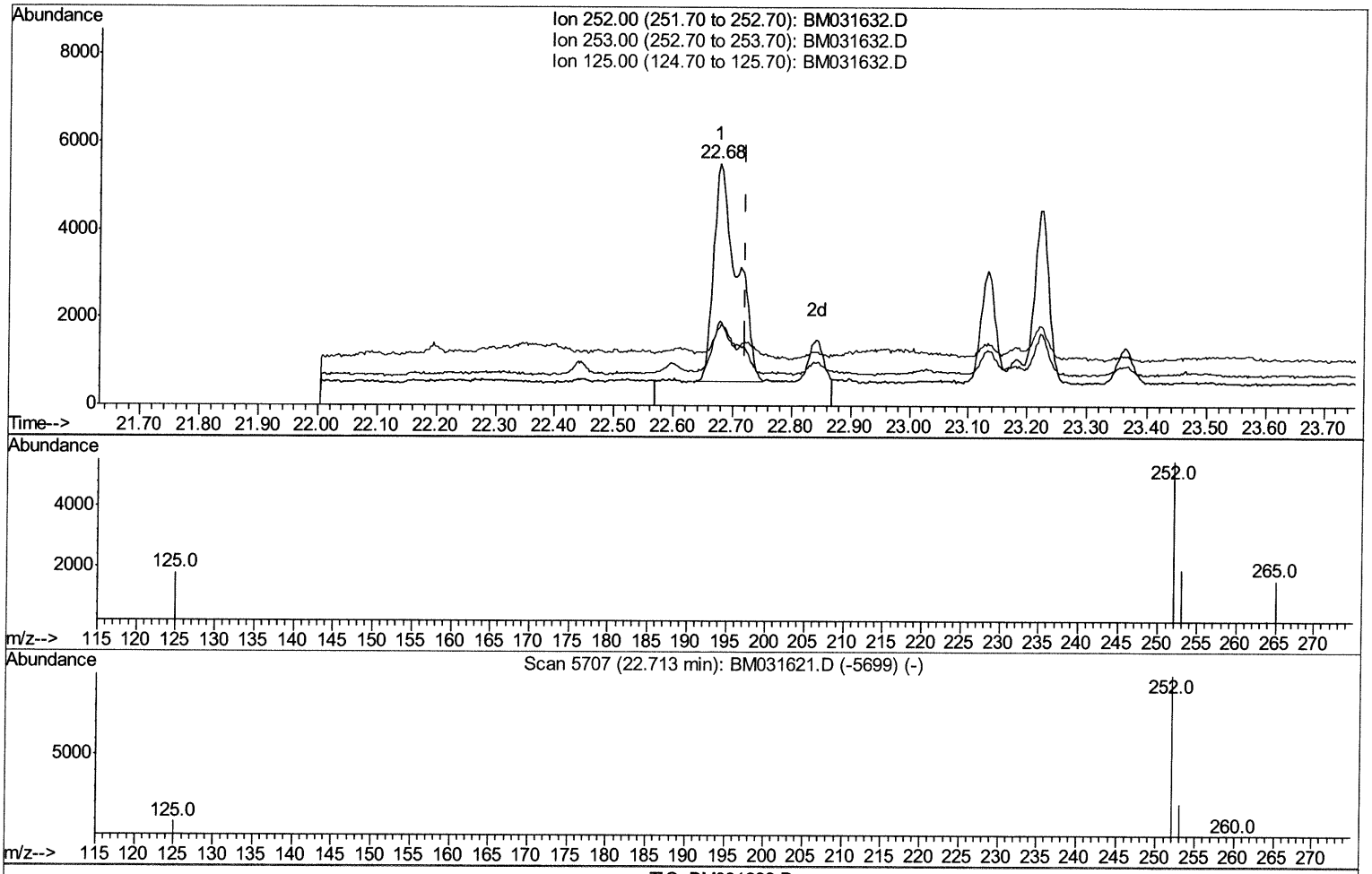
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031632.D
Acq On : 10 Aug 2021 09:21
Operator : CG/JU
Sample : M3169-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 10 10:10:42 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 09 10:16:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00B4

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:02 PM



TIC: BM031632.D

(25) Benzo(k)fluoranthene

22.677min (-0.044) 0.62ng/ul

response 13623

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.96#
125.00	11.00	32.48#
0.00	0.00	0.00

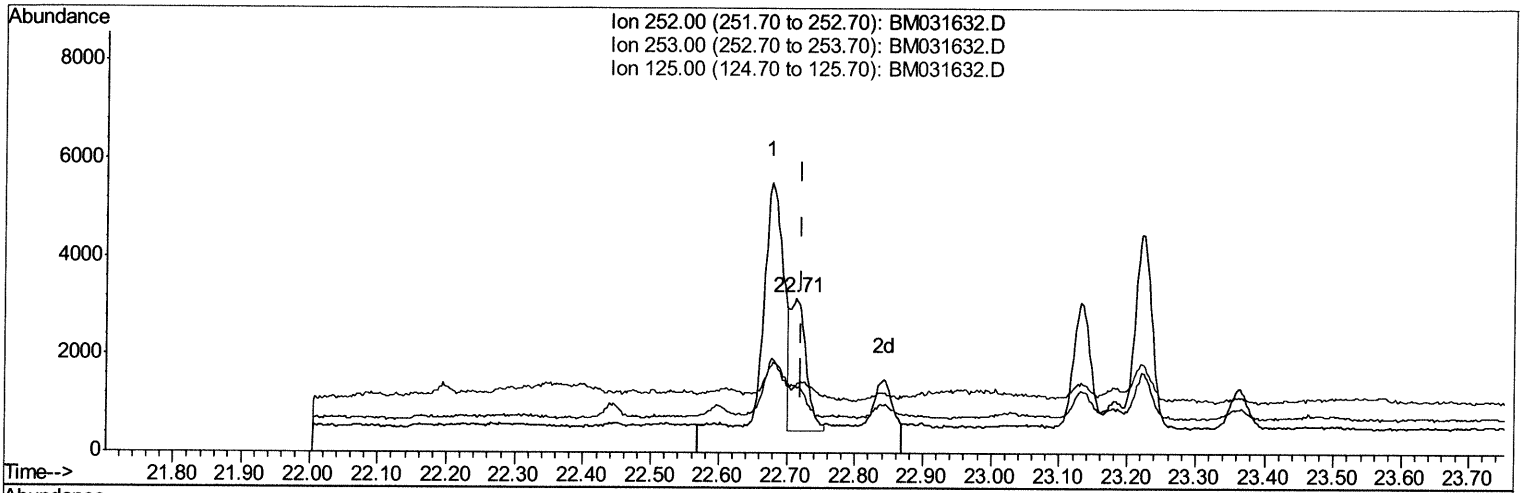
Quantitation Report (Qedit)

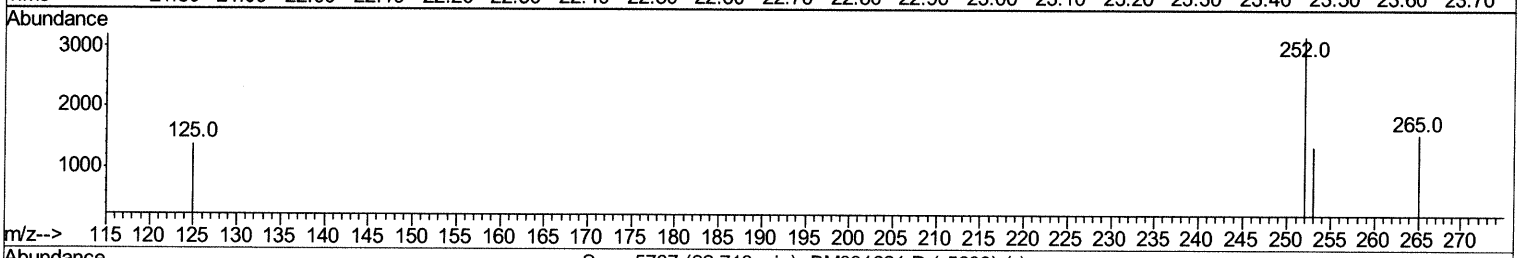
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031632.D
Acq On : 10 Aug 2021 09:21
Operator : CG/JU
Sample : M3169-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

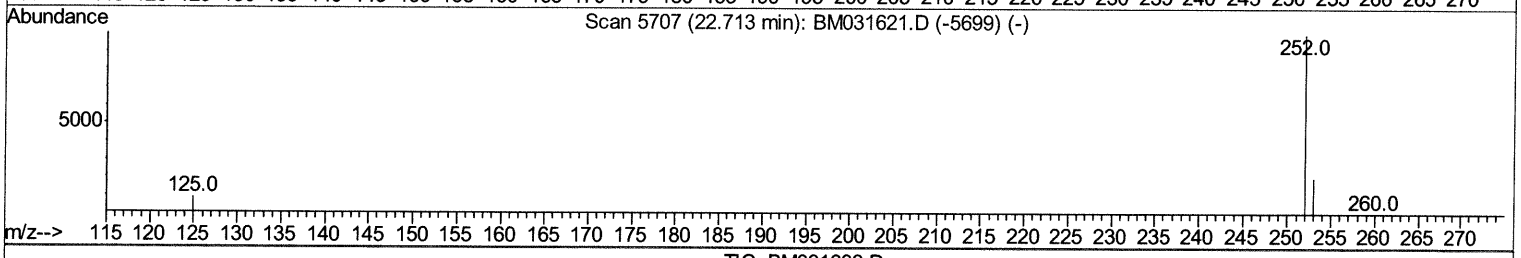
Quant Time: Aug 10 10:10:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00B4

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:02 PM







TIC: BM031632.D

(25) Benzo(k)fluoranthene

22.713min (-0.007) 0.20ng/ul m

response 4459

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	43.06#
125.00	11.00	43.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031632.D
Acq On : 10 Aug 2021 09:21
Operator : CG/JU
Sample : M3169-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00B4

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:02 PM

Quant Time: Aug 10 10:13:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1460	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	5486	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	3187	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5973	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4833	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4697	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	4339	2.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	1815	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	3880	0.24	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	6894	0.422	ng/ul	99
7) 2-Methylnaphthalene	12.01	142	3879	0.347	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	1802	0.163	ng/ul	98
10) Acenaphthylene	13.93	152	1572	0.116	ng/ul#	89
11) Acenaphthene	14.27	153	309m	0.027	ng/ul	98
12) Fluorene	15.27	166	376	0.029	ng/ul#	84
15) Phenanthrene	17.00	178	13788	0.727	ng/ul	99
16) Anthracene	17.10	178	1803	0.102	ng/ul#	86
19) Fluoranthene	19.03	202	16623	0.805	ng/ul#	96
20) Pyrene	19.39	202	14577	0.696	ng/ul	96
21) Benzo(a)anthracene	21.14	228	7974	0.409	ng/ul#	86
22) Chrysene	21.19	228	9481	0.470	ng/ul#	91
24) Benzo(b)fluoranthene	22.68	252	9810m	0.464	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	4459m	0.204	ng/ul	
26) Benzo(a)pyrene	23.22	252	6790	0.366	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.45	276	4831	0.202	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.46	278	1234	0.064	ng/ul#	1
29) Benzo(g,h,i)perylene	26.11	276	1454	0.071	ng/ul#	35

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