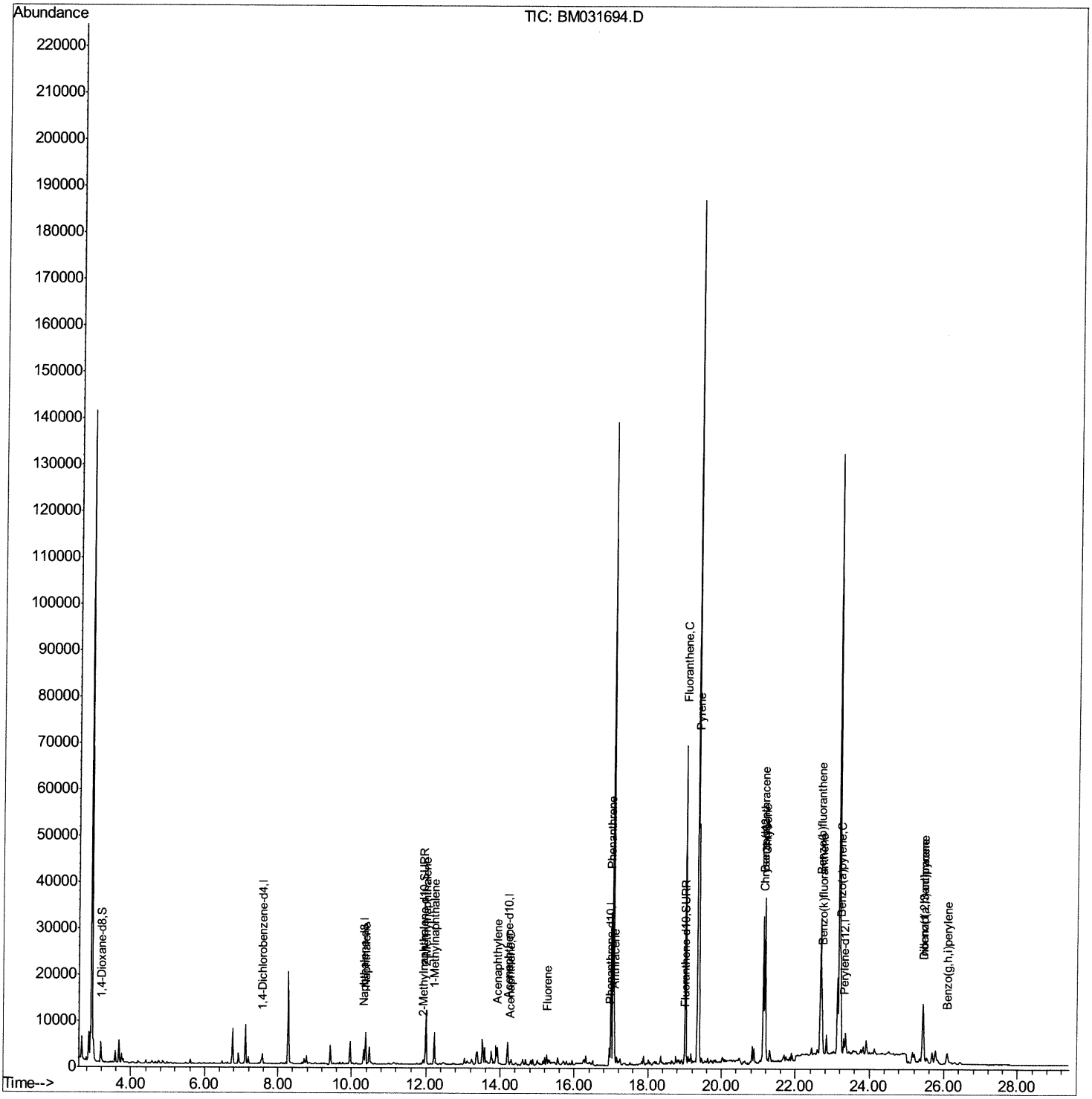
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 13 04:12:06 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 :
C00E0

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 13 04:07:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_M
ClientSampleId :
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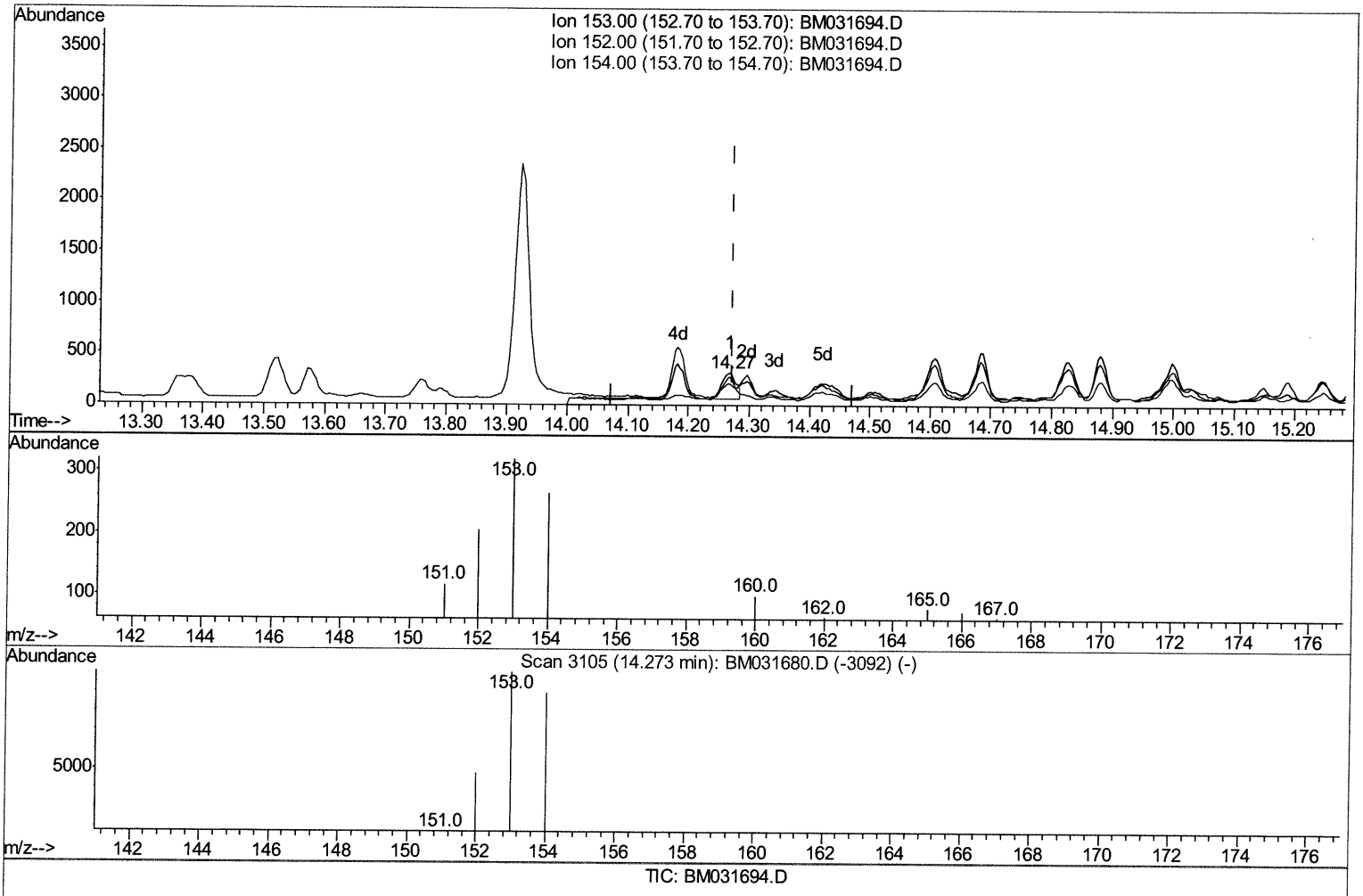
Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM



TIC: BM031694.D

(11) Acenaphthene (C)

14.269min (-0.003) 0.05ng/ul

response 417

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	63.75#
154.00	87.70	82.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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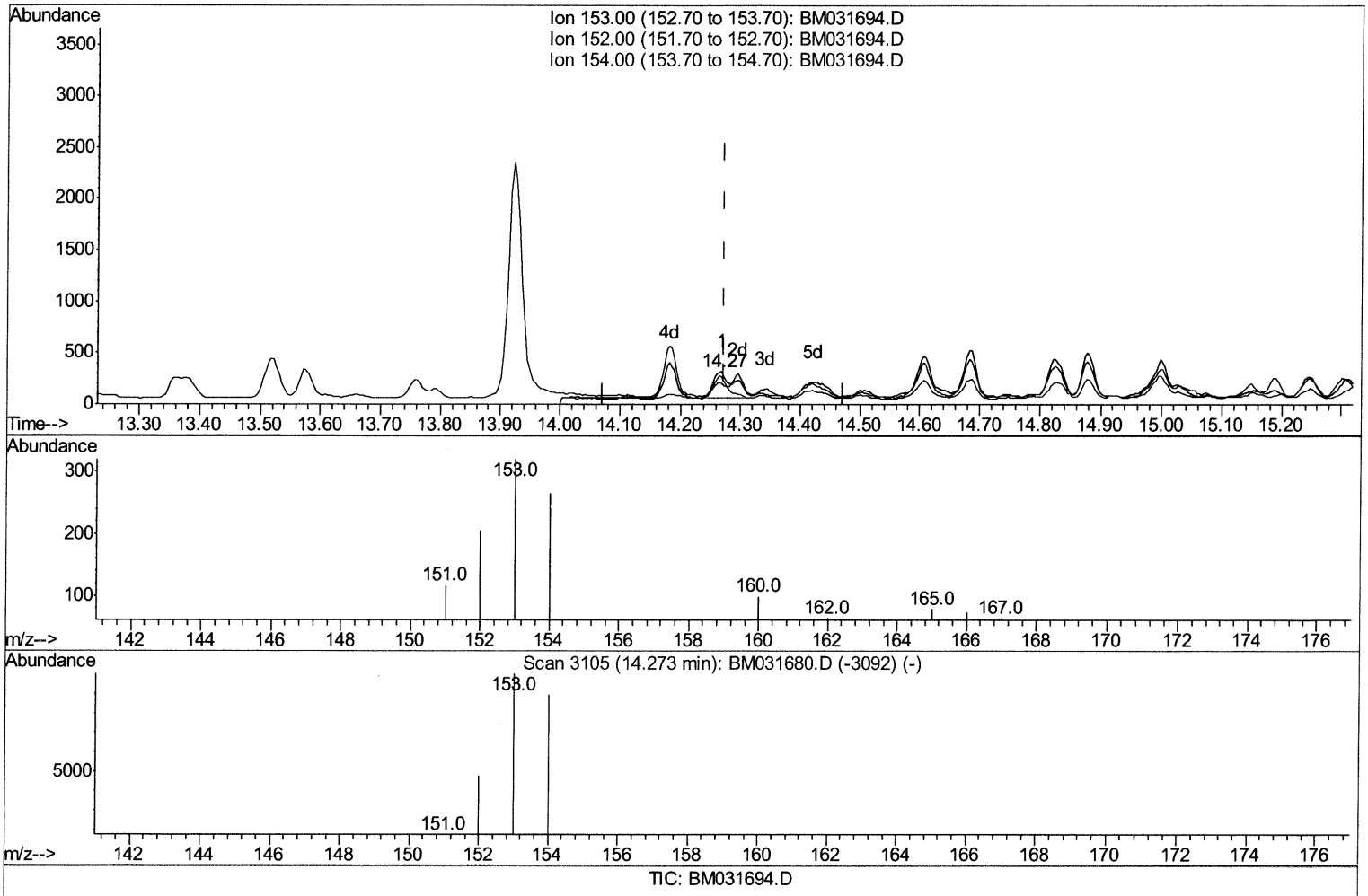
BNA_M
ClientSampleId :
C00E0

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM



TIC: BM031694.D

(11) Acenaphthene (C)

14.269min (-0.003) 0.07ng/ul m 08/16/21 JU

response 642

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	63.75#
154.00	87.70	82.81
0.00	0.00	0.00

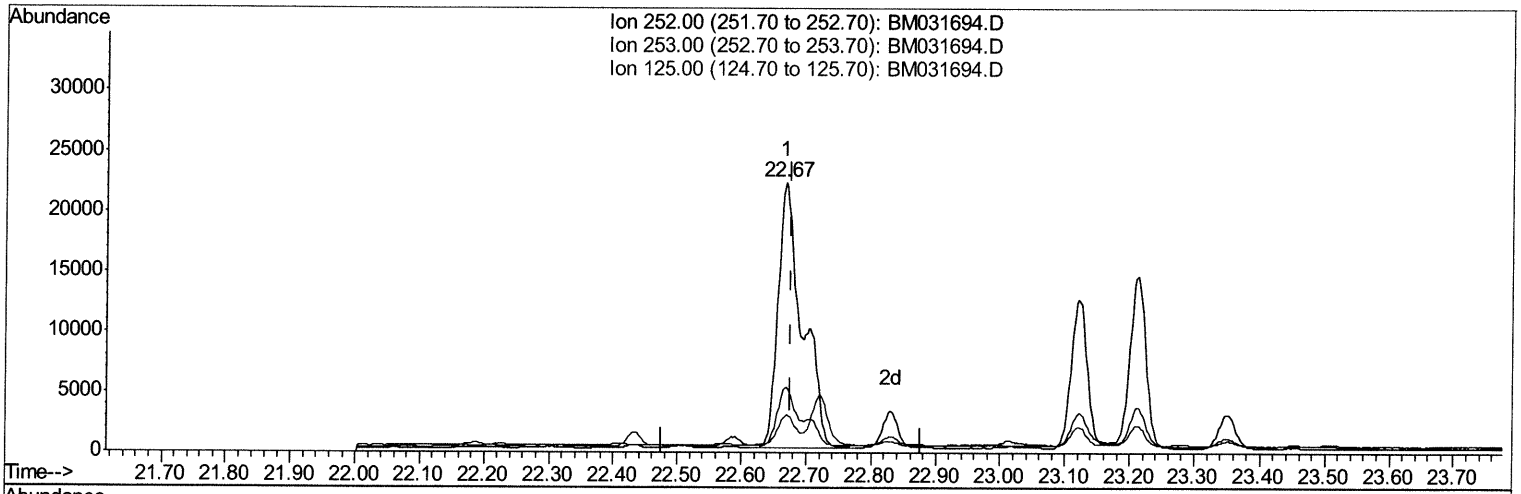
Quantitation Report (Qedit)

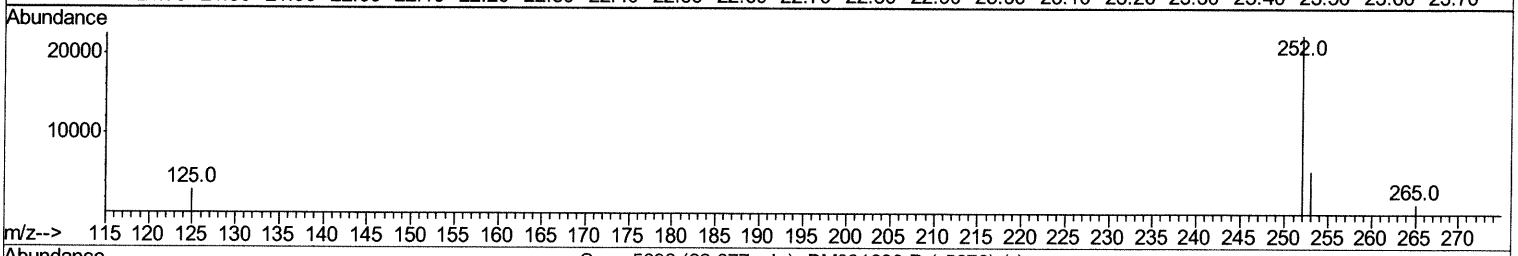
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

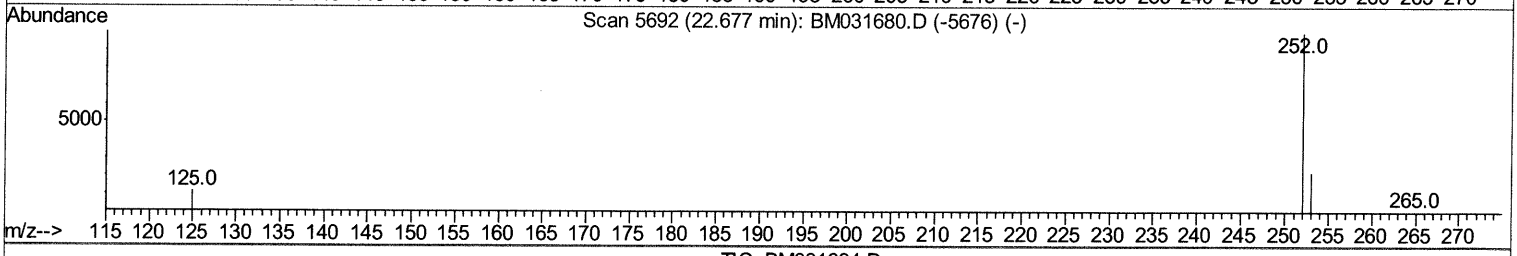
Quant Time: Aug 13 04:09:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E0

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM







TIC: BM031694.D

(24) Benzo(b)fluoranthene

22.667min (-0.009) 3.46ng/ul

response 57464

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.14
125.00	11.40	13.83
0.00	0.00	0.00

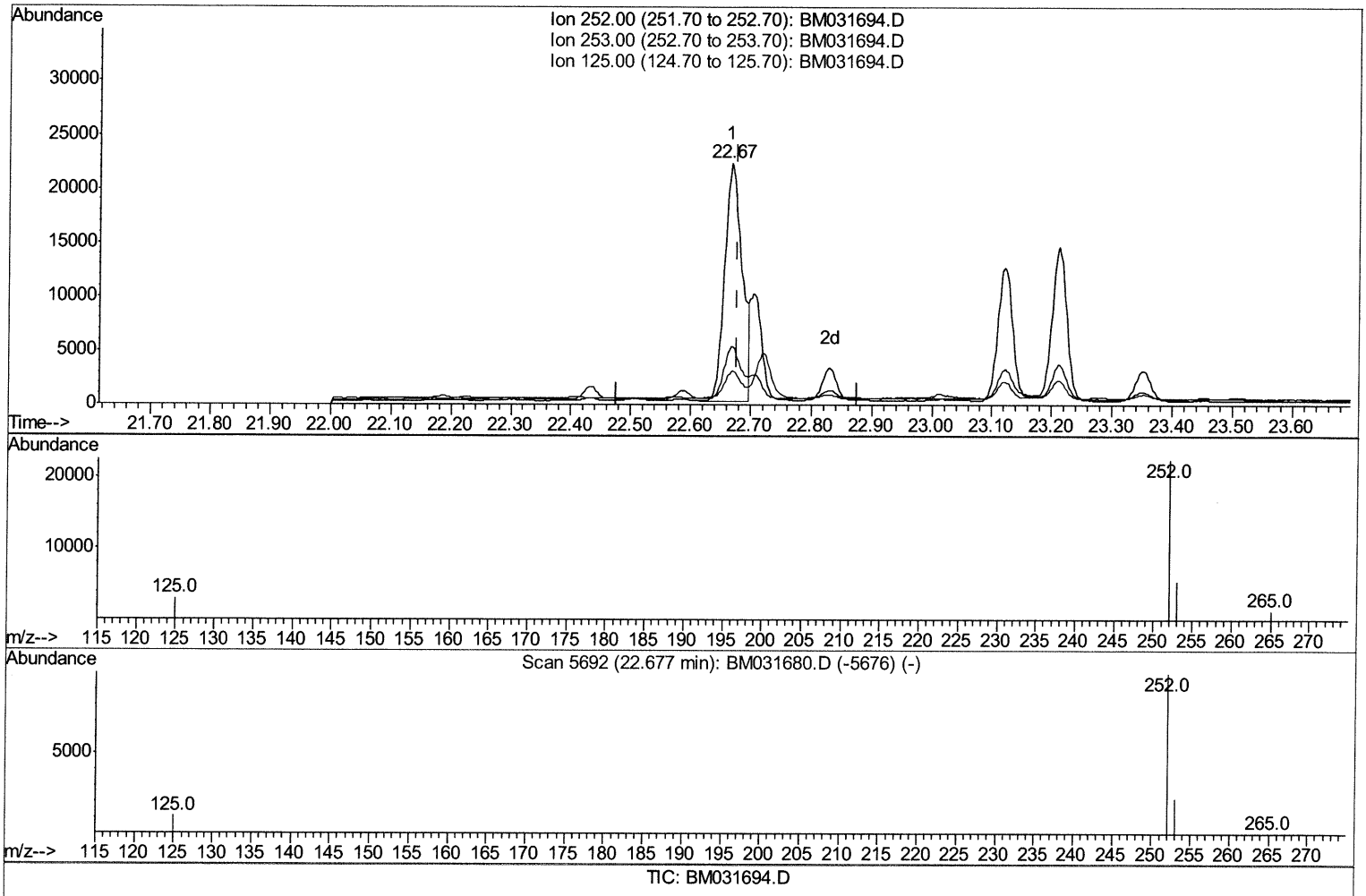
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 13 04:09:48 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 :
C00E0

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM



TIC: BM031694.D

(24) Benzo(b)fluoranthene

22.667min (-0.009) 2.67ng/ul m 08/16/21JU

response 44322

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.14
125.00	11.40	13.83
0.00	0.00	0.00

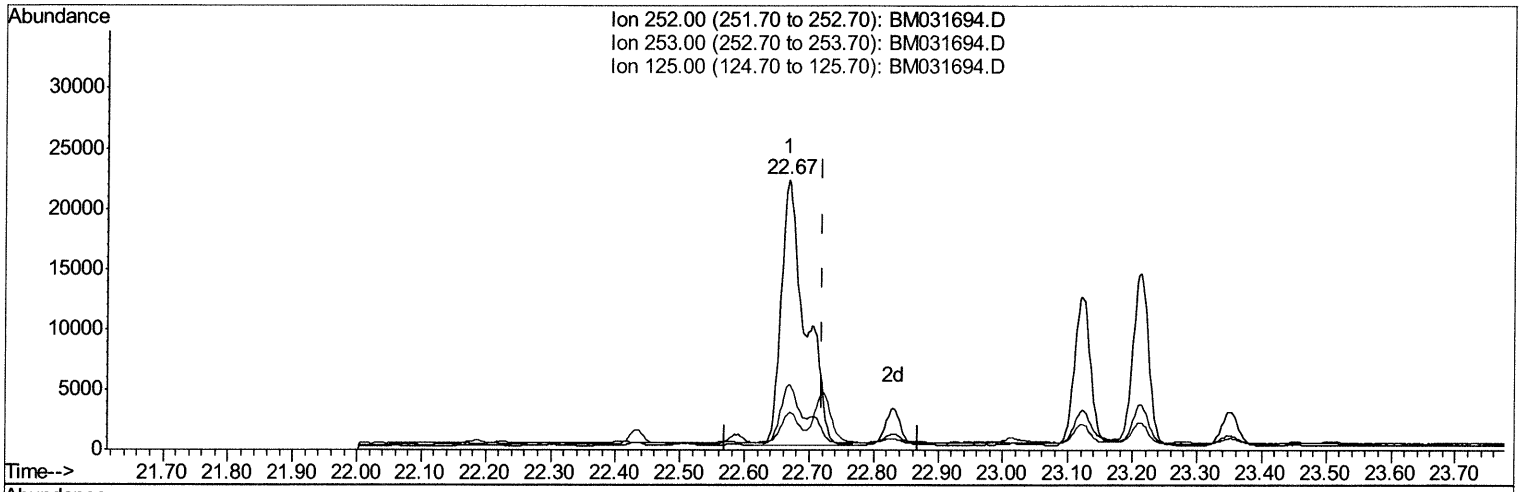
Quantitation Report (Qedit)

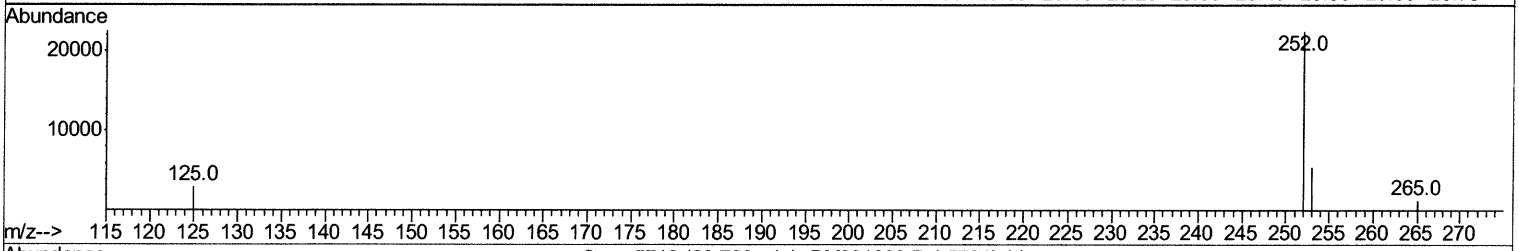
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

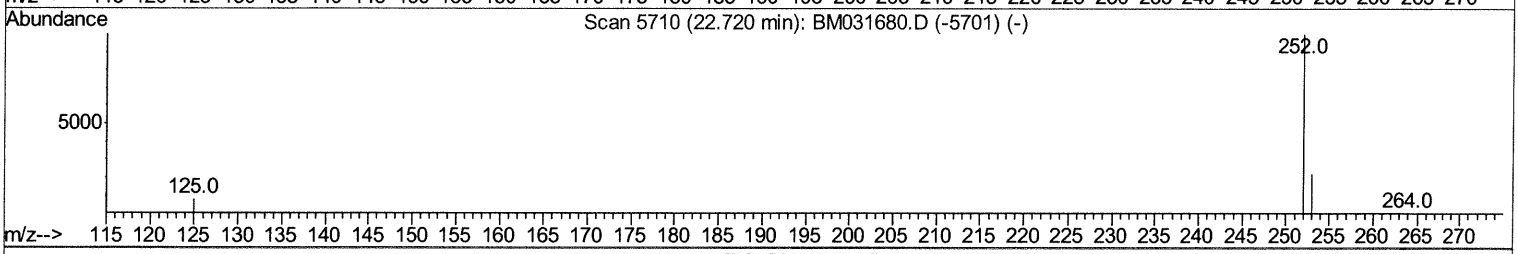
Quant Time: Aug 13 04:11:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E0

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM







TIC: BM031694.D

(25) Benzo(k)fluoranthene

22.667min (-0.053) 3.35ng/ul

response 57464

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.14
125.00	11.00	13.83#
0.00	0.00	0.00

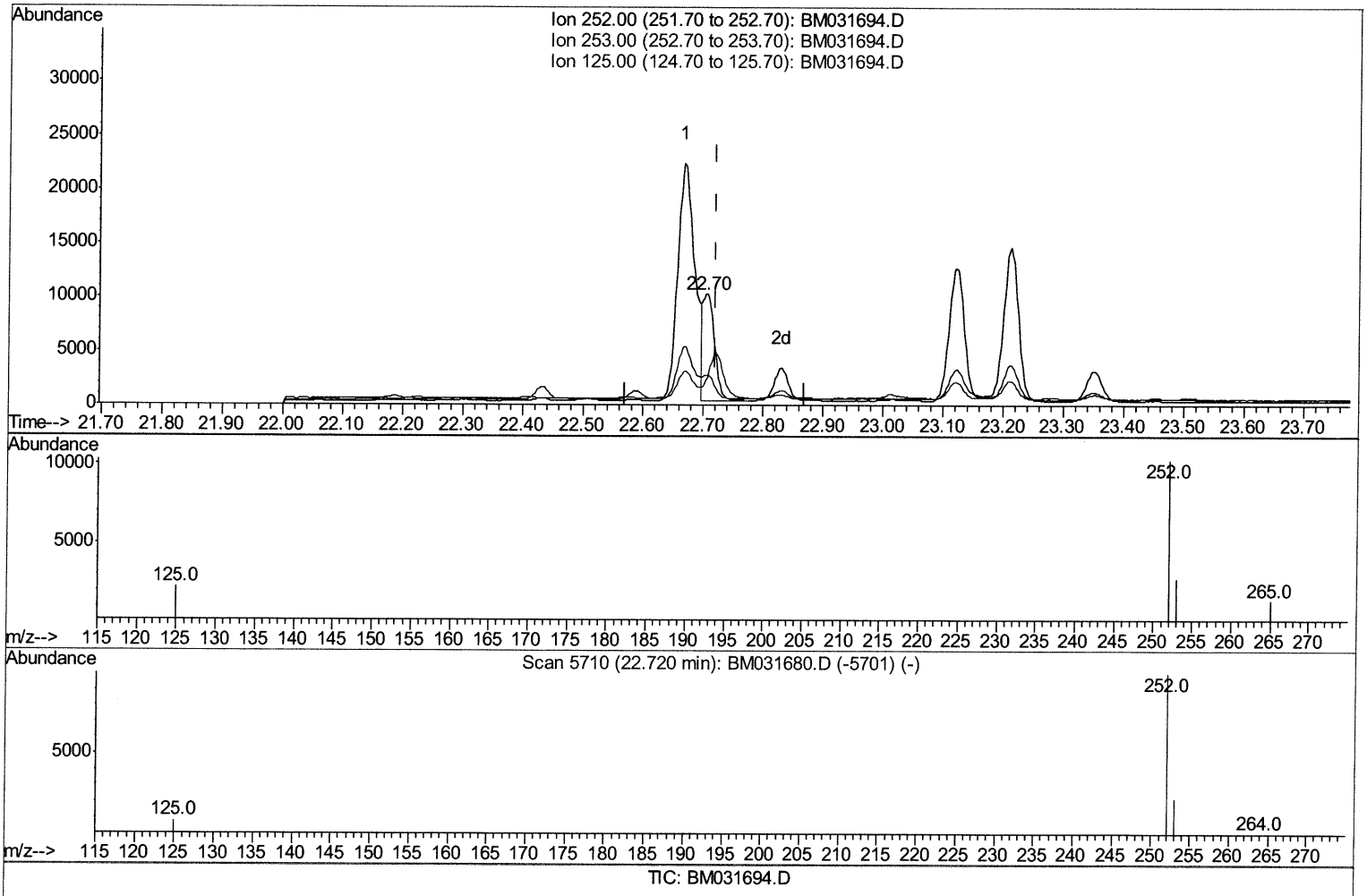
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 13 04:11:08 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 :
C00E0

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM



(25) Benzo(k)fluoranthene

22.704min (-0.017) 0.77ng/ul m 08/16/21 JA

response 13202

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.10
125.00	11.00	21.52#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031694.D
Acq On : 13 Aug 2021 01:36
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00E0

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:50 PM

Quant Time: Aug 13 04:12:06 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	1075	0.40 ng/ul	0.00
4) Naphthalene-d8	10.33	136	3973	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2446	0.40 ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4553	0.40 ng/ul	0.00
17) Chrysene-d12	21.15	240	3856	0.40 ng/ul	0.00
23) Perylene-d12	23.30	264	3682	0.40 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.18	96	2791	2.34 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	1215	0.18 ng/ul	0.00
18) Fluoranthene-d10	18.99	212	2581	0.20 ng/ul	-0.01
Target Compounds					Qvalue
5) Naphthalene	10.38	128	9484	0.801 ng/ul	99
7) 2-Methylnaphthalene	12.00	142	8207	1.015 ng/ul	99
8) 1-Methylnaphthalene	12.22	142	4641	0.581 ng/ul	100
10) Acenaphthylene	13.92	152	3810	0.366 ng/ul	97
11) Acenaphthene	14.27	153	642m >	0.073 ng/ul >	08/16/21 JU
12) Fluorene	15.26	166	1074	0.106 ng/ul#	88
15) Phenanthrene	17.00	178	33556	2.321 ng/ul	98
16) Anthracene	17.09	178	4914	0.363 ng/ul	97
19) Fluoranthene	19.02	202	59114	3.590 ng/ul	98
20) Pyrene	19.38	202	50725	3.037 ng/ul	98
21) Benzo(a)anthracene	21.13	228	26401	1.696 ng/ul	94
22) Chrysene	21.19	228	36758	2.282 ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	44322m >	2.672 ng/ul >	08/16/21 JU
25) Benzo(k)fluoranthene	22.70	252	13202m >	0.770 ng/ul >	
26) Benzo(a)pyrene	23.21	252	24683	1.699 ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.43	276	19561	1.042 ng/ul#	100
28) Dibenzo(a,h)anthracene	25.44	278	5727	0.378 ng/ul#	78
29) Benzo(g,h,i)perylene	26.09	276	4930	0.308 ng/ul#	85

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