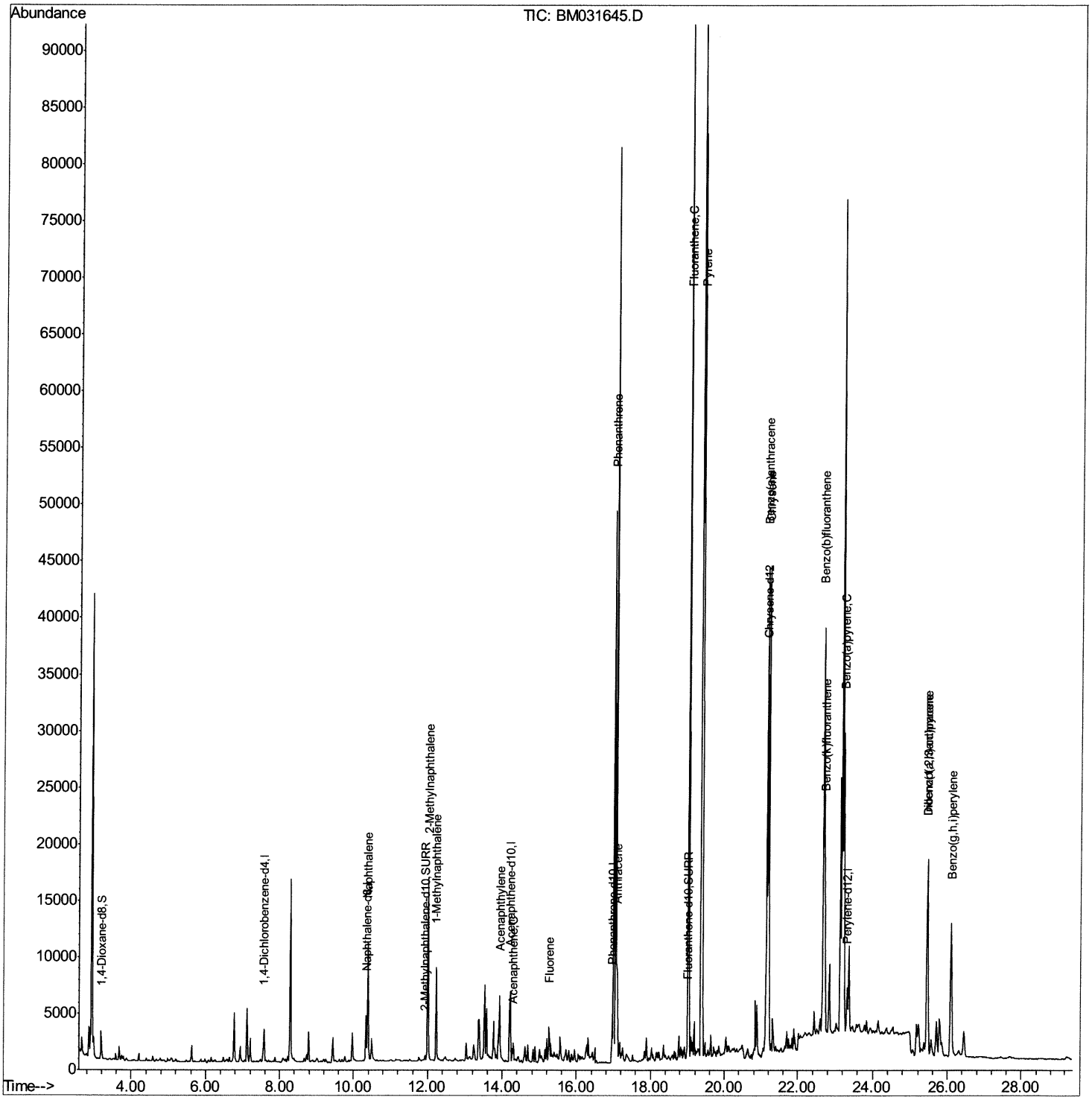
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
Operator : CG/JU
Sample : M3169-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 10 18:35:32 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 : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
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QLast Update : Tue Aug 10 11:49:22 2021
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ClientSampleId :
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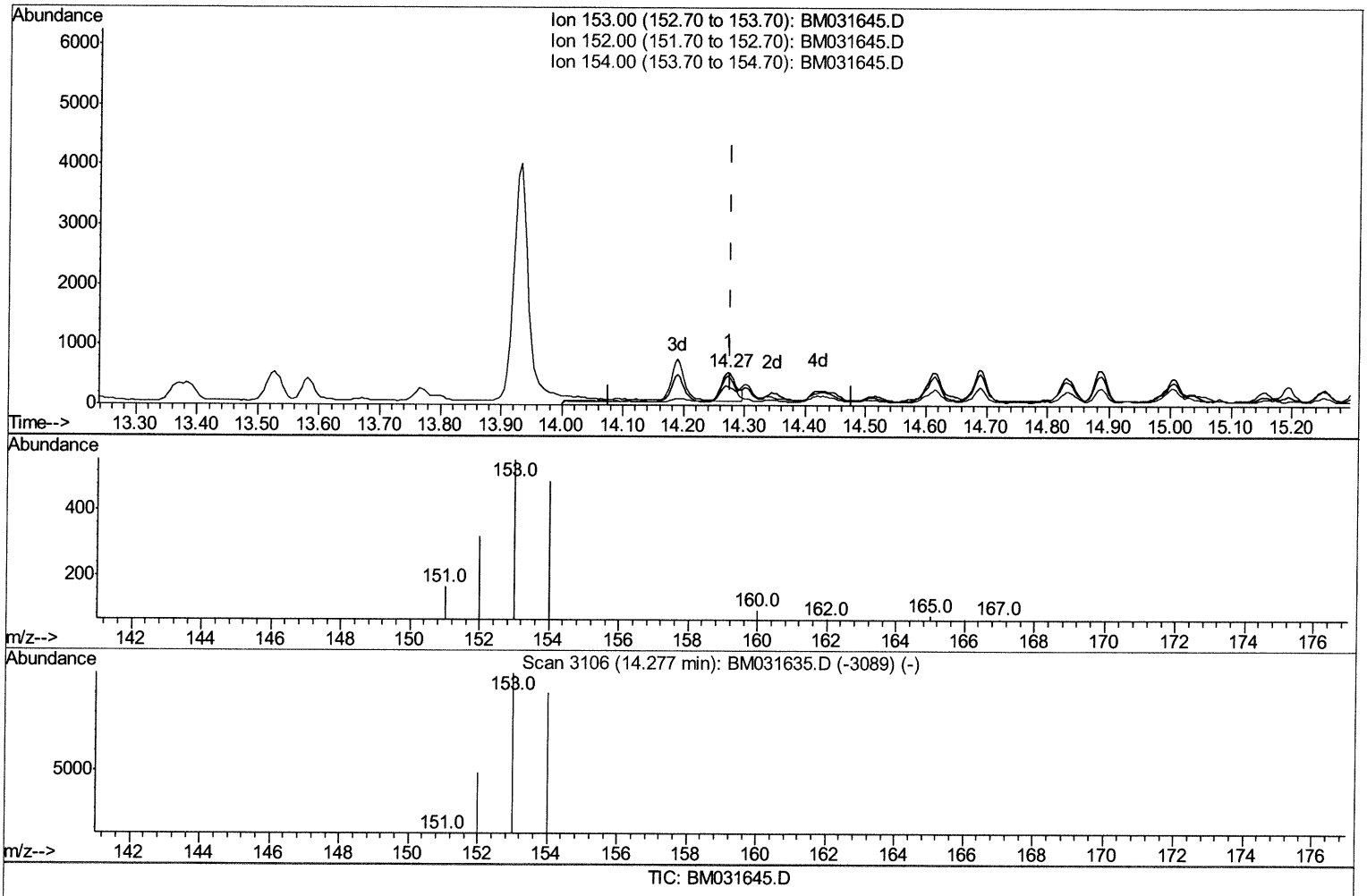
Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM



TIC: BM031645.D

(11) Acenaphthene (C)

14.273min (-0.004) 0.07ng/ul

response 807

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	57.37
154.00	87.70	88.13
0.00	0.00	0.00

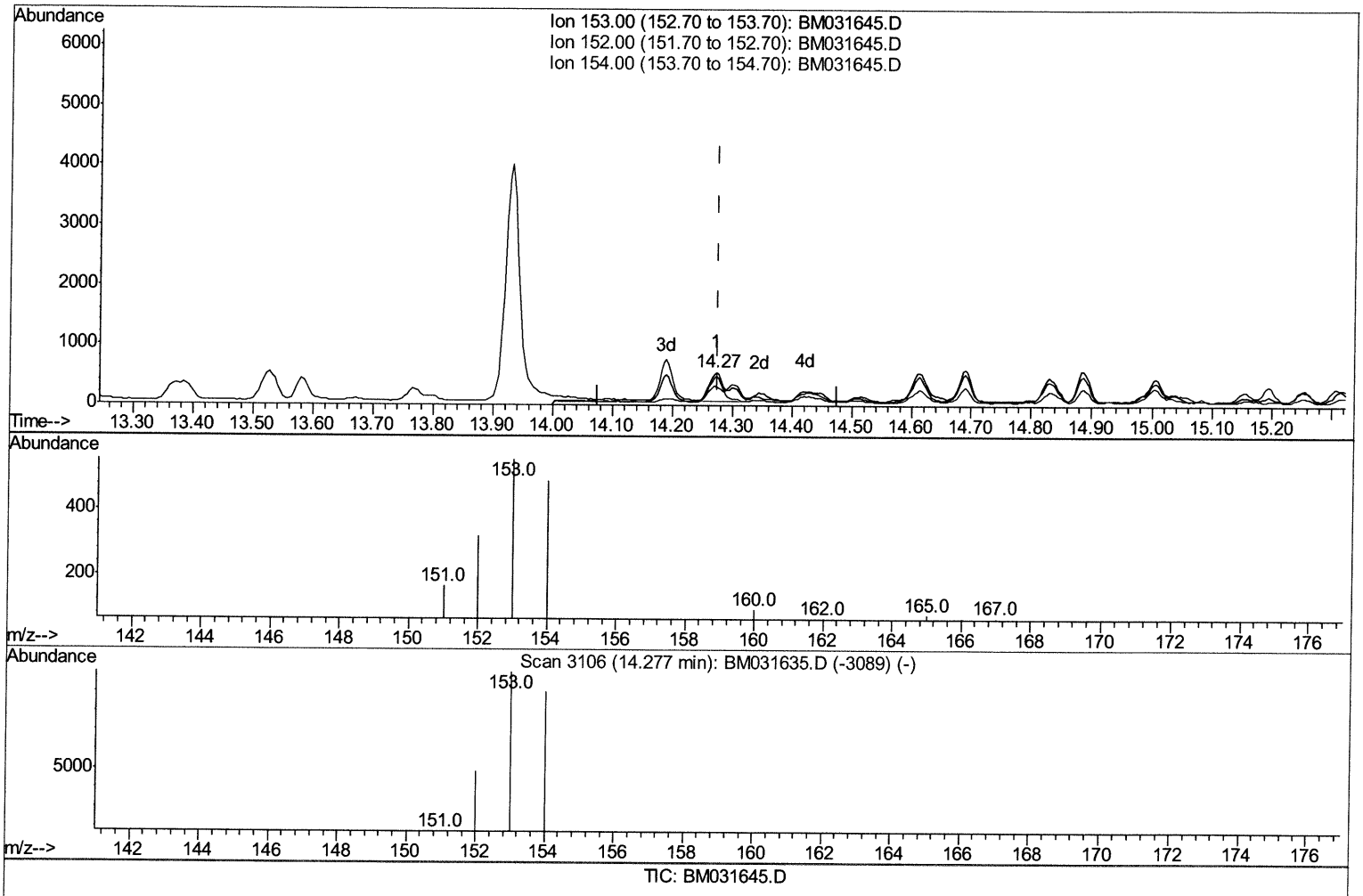
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
Operator : CG/JU
Sample : M3169-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 10 18:34:09 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 : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM



TIC: BM031645.D

(11) Acenaphthene (C)

14.273min (-0.004) 0.09ng/ul m

response 1062

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	57.37
154.00	87.70	88.13
0.00	0.00	0.00

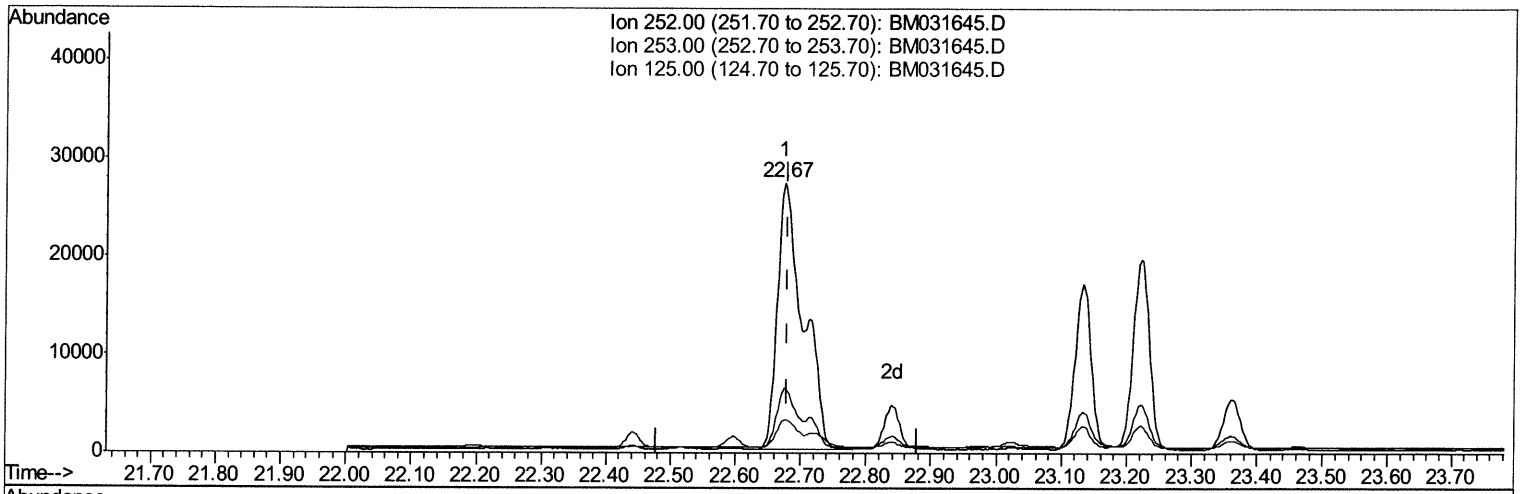
Quantitation Report (Qedit)

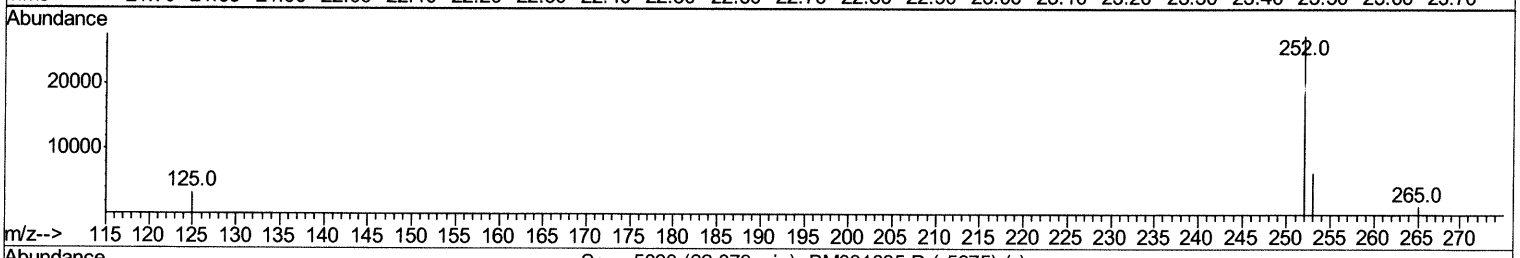
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
Operator : CG/JU
Sample : M3169-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

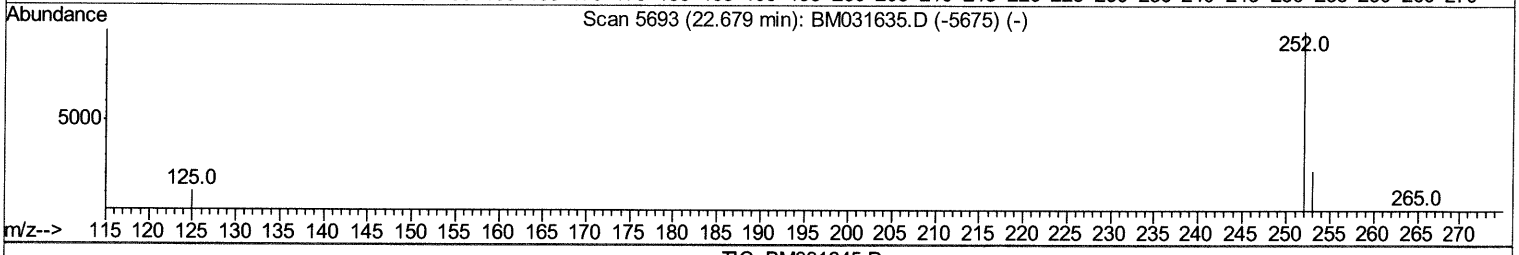
Quant Time: Aug 10 18:34:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM







TIC: BM031645.D

(24) Benzo(b)fluoranthene

22.674min (-0.005) 3.49ng/ul

response 74090

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.99
125.00	11.40	12.27
0.00	0.00	0.00

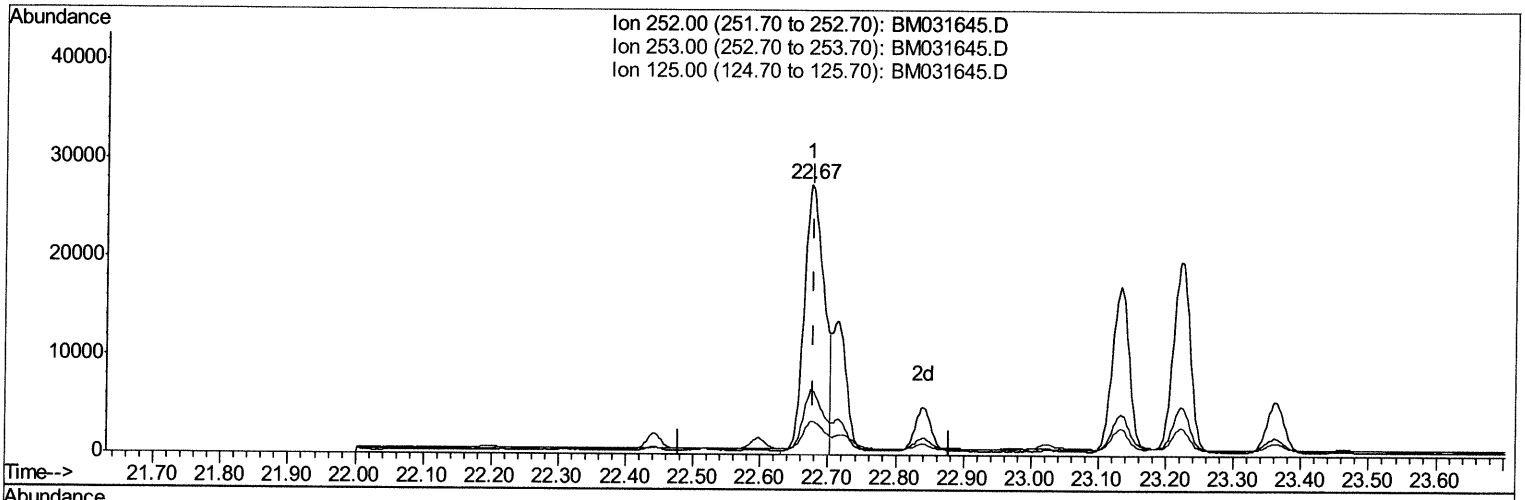
Quantitation Report (Qedit)

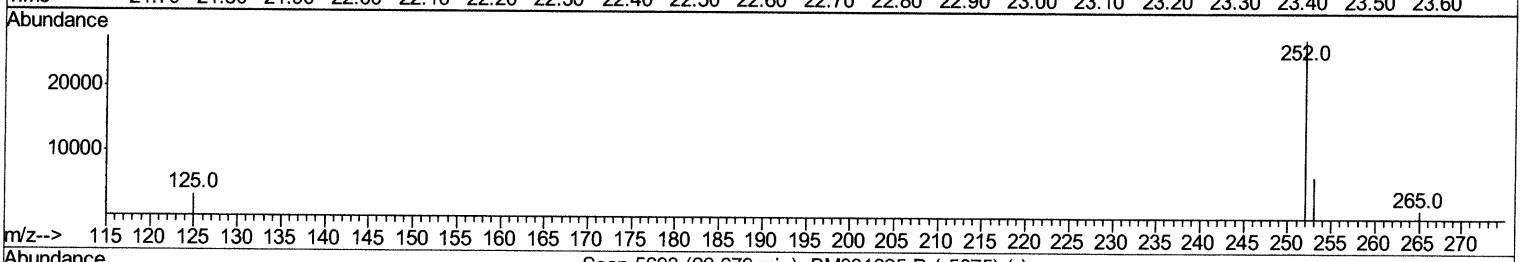
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
Operator : CG/JU
Sample : M3169-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

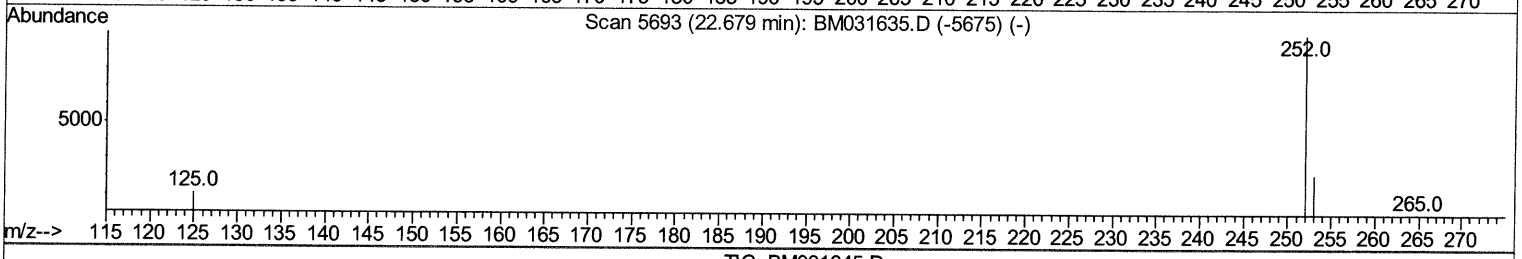
Quant Time: Aug 10 18:34:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM







TIC: BM031645.D

(24) Benzo(b)fluoranthene

22.674min (-0.005) 2.69ng/ul m

response 57019

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.99
125.00	11.40	12.27
0.00	0.00	0.00

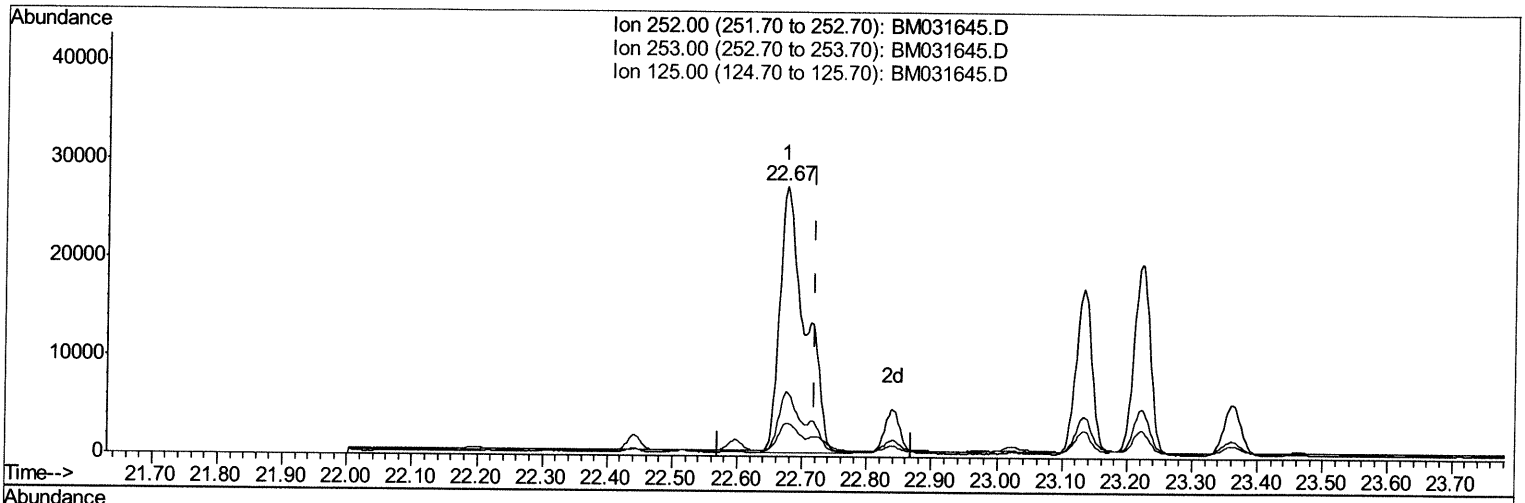
Quantitation Report (Qedit)

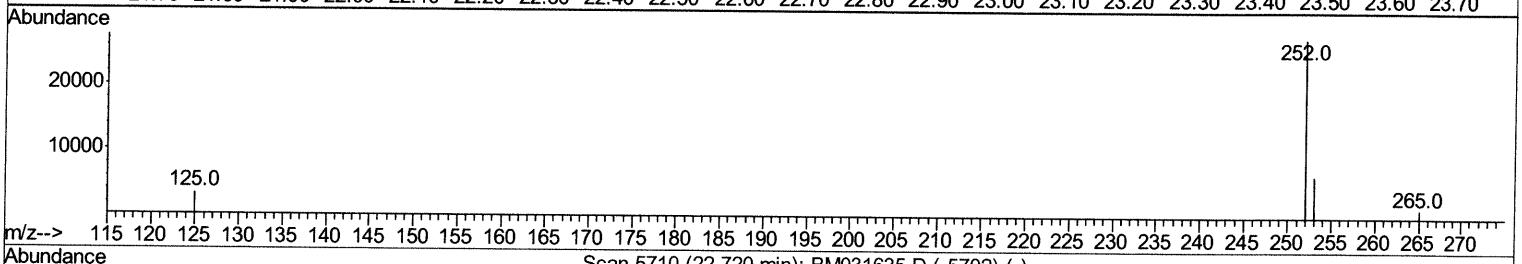
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
Operator : CG/JU
Sample : M3169-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

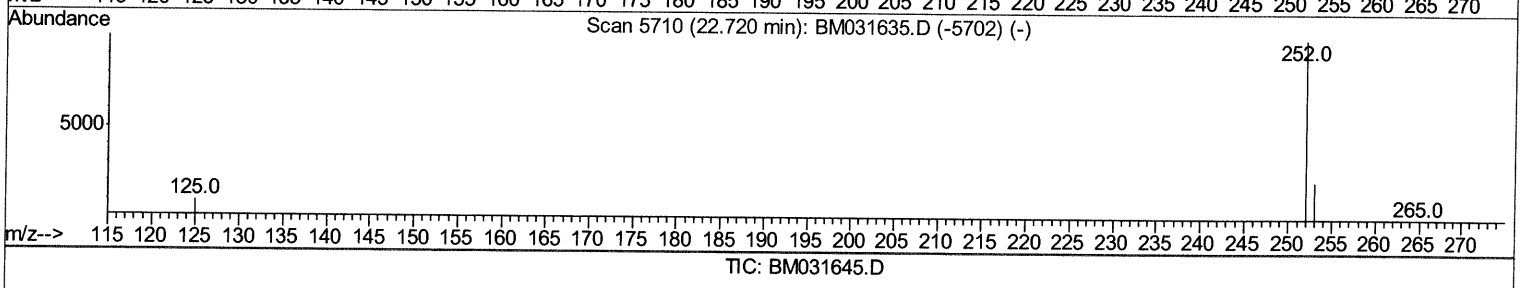
Quant Time: Aug 10 18:34:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM







TIC: BM031645.D

(25) Benzo(k)fluoranthene

22.674min (-0.046) 3.38ng/ul

response 74090

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.99
125.00	11.00	12.27
0.00	0.00	0.00

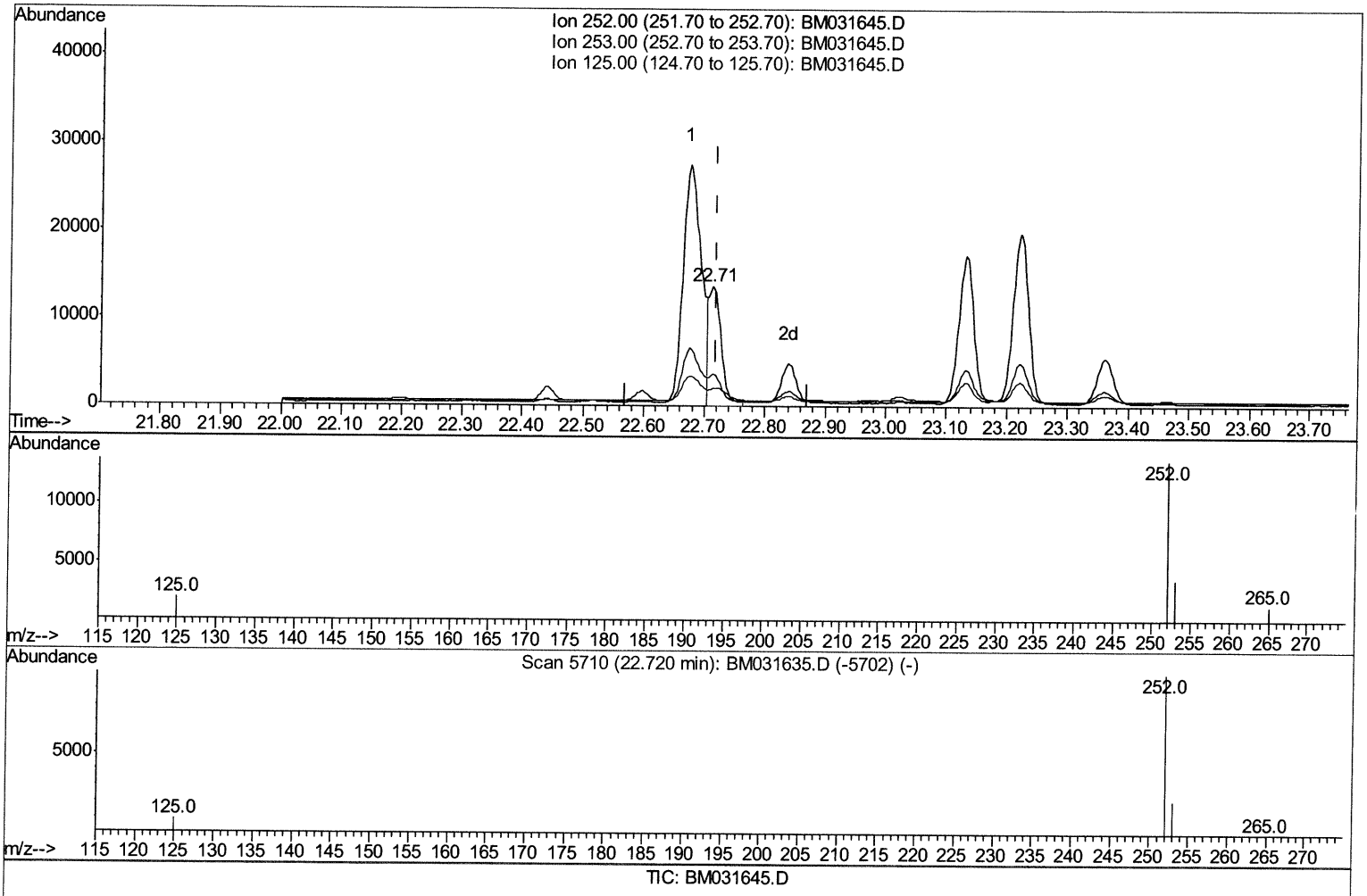
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
Operator : CG/JU
Sample : M3169-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 10 18:34:09 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 : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A8DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM



TIC: BM031645.D

(25) Benzo(k)fluoranthene

22.713min (-0.007) 0.93ng/ul m JU 8/12/21

response 20303

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.18
125.00	11.00	14.53#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031645.D
Acq On : 10 Aug 2021 17:24
Operator : CG/JU
Sample : M3169-09DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A8DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:25:08 PM

Quant Time: Aug 10 18:35:32 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 : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1440	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	5329	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	3134	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5718	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4720	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4712	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	1687	1.05	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	669	0.07	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	1312	0.08	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	14300	0.901	ng/ul	98
7) 2-Methylnaphthalene	12.01	142	11332	1.045	ng/ul	100
8) 1-Methylnaphthalene	12.23	142	5660	0.528	ng/ul	99
10) Acenaphthylene	13.93	152	6549	0.491	ng/ul	99
11) Acenaphthene	14.27	153	1062m	0.095	ng/ul	98
12) Fluorene	15.27	166	1640	0.127	ng/ul#	87
15) Phenanthrene	17.00	178	51796	2.853	ng/ul	97
16) Anthracene	17.09	178	9467	0.557	ng/ul	99
19) Fluoranthene	19.02	202	77768	3.859	ng/ul	97
20) Pyrene	19.39	202	68987	3.375	ng/ul	98
21) Benzo(a)anthracene	21.14	228	35422	1.858	ng/ul	94
22) Chrysene	21.19	228	43933	2.228	ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	57019m	2.686	ng/ul	98
25) Benzo(k)fluoranthene	22.71	252	20303m	0.926	ng/ul	98
26) Benzo(a)pyrene	23.22	252	34184	1.839	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.45	276	26354	1.097	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.46	278	6569	0.339	ng/ul#	81
29) Benzo(g,h,i)perylene	26.10	276	23403	1.141	ng/ul	98

JU 8/12/21

JU 8/12/21

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