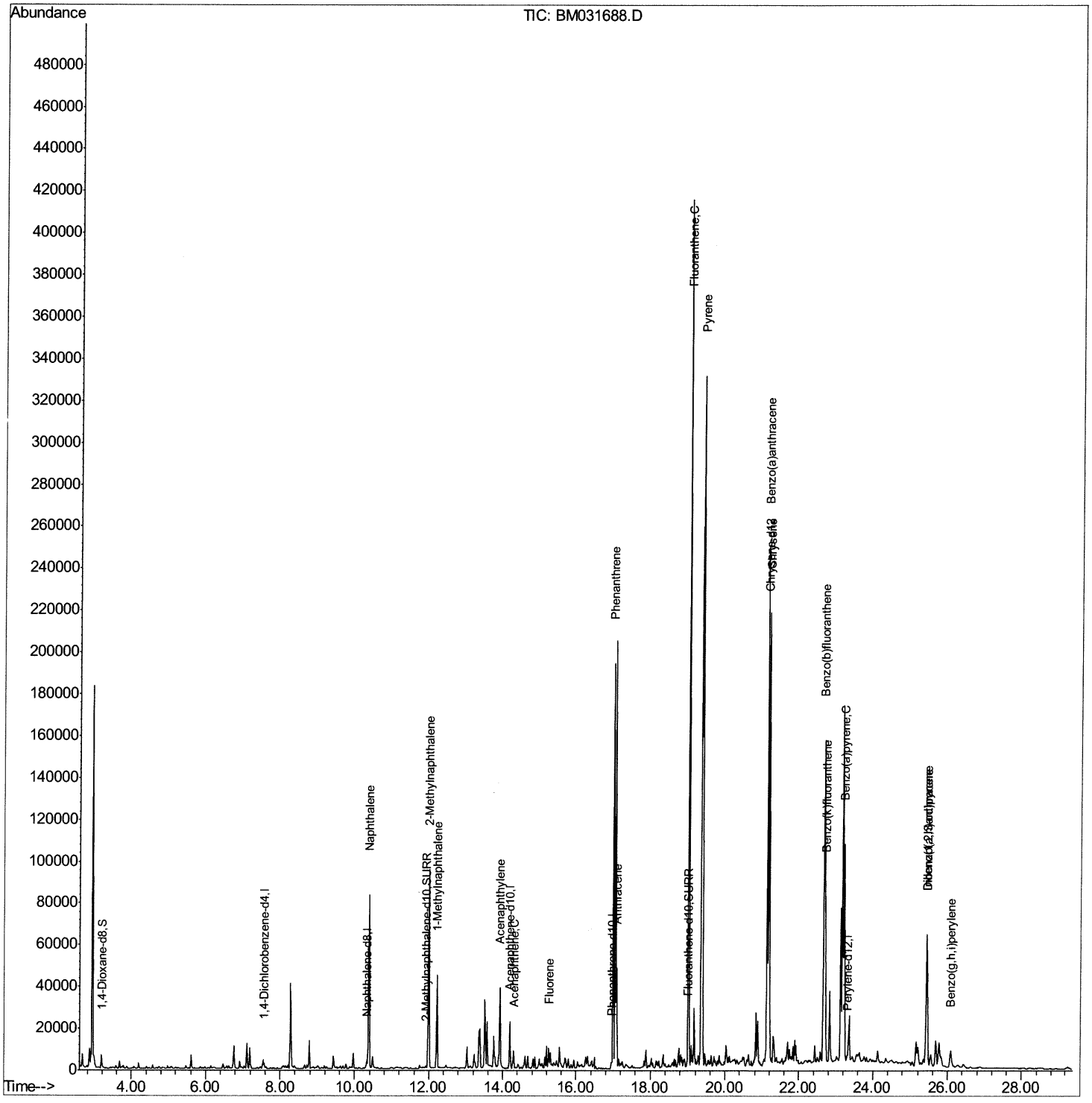
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 13 01:33:18 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 :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM



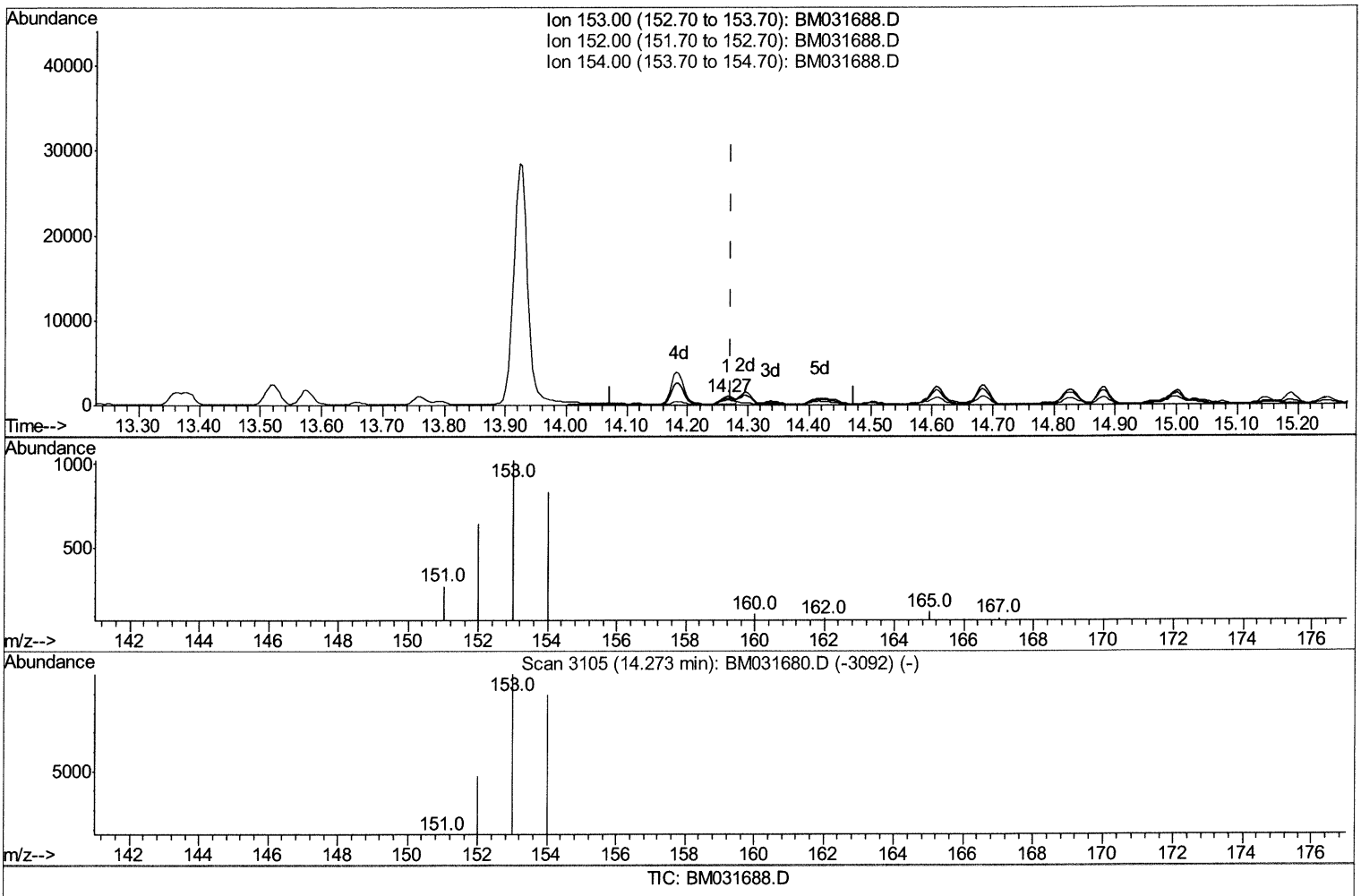
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 13 01:29:31 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 :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM



TIC: BM031688.D

(11) Acenaphthene (C)

14.265min (-0.007) 0.12ng/ul

response 1413

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	63.21#
154.00	87.70	81.41
0.00	0.00	0.00

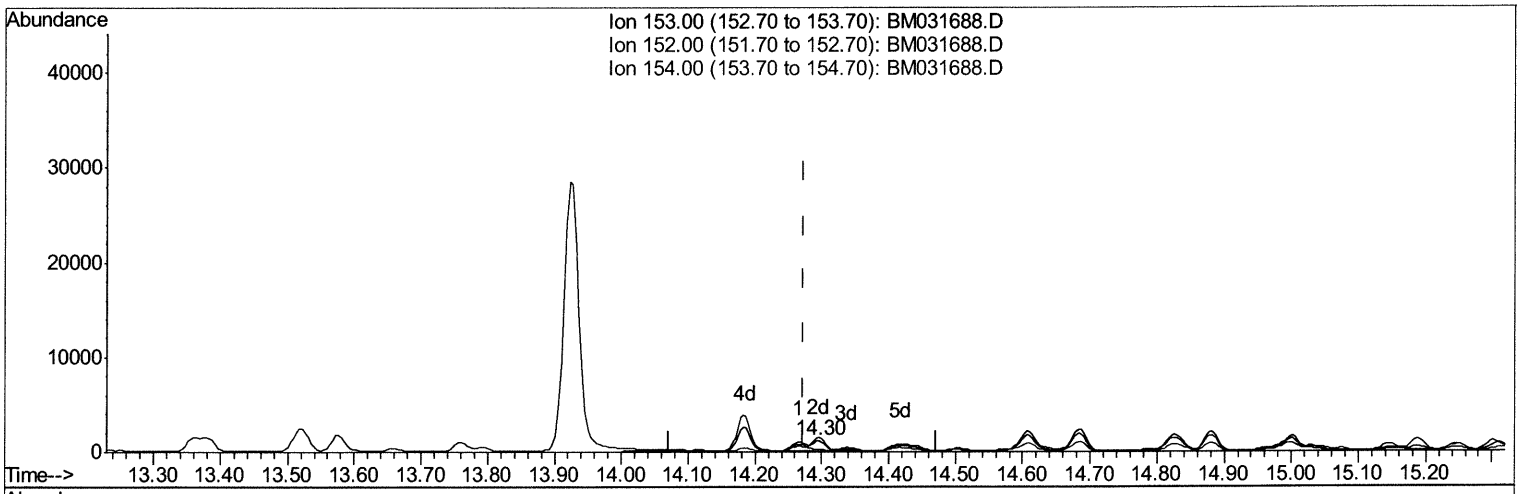
Quantitation Report (Qedit)

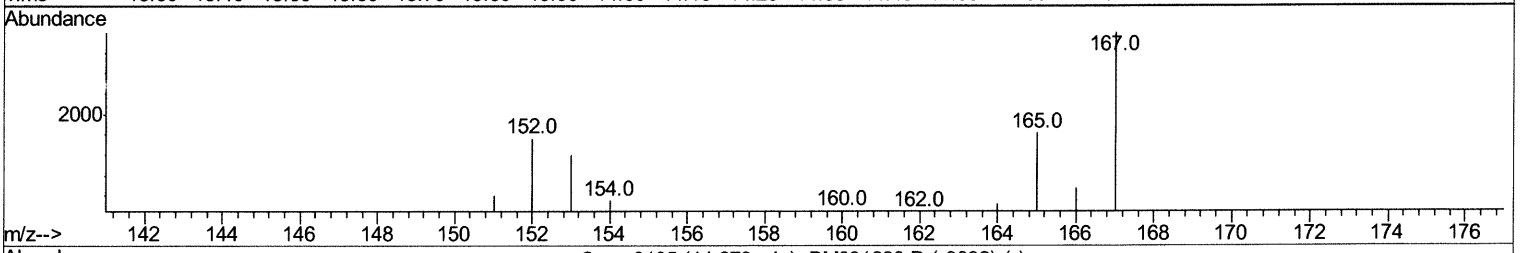
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

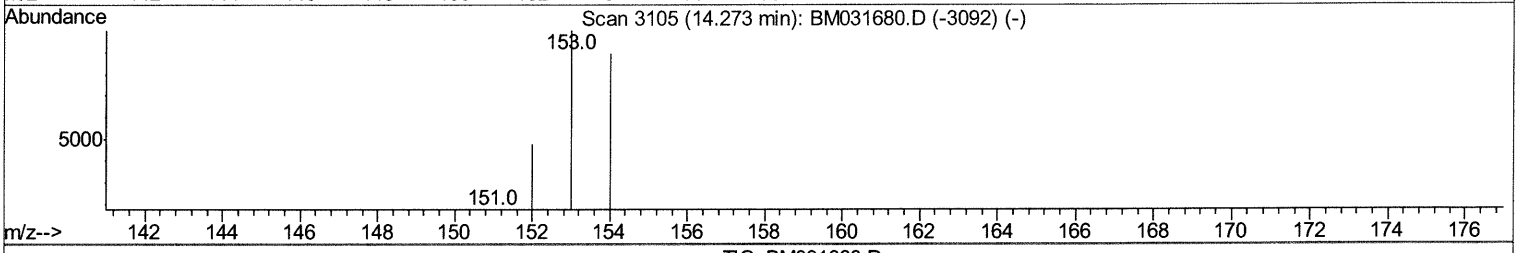
Quant Time: Aug 13 01:29:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM







TIC: BM031688.D

(11) Acenaphthene (C)

14.296min (+0.023) 0.25ng/ul m 08/16/21 JU

response 2907

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	125.98#
154.00	87.70	25.23#
0.00	0.00	0.00

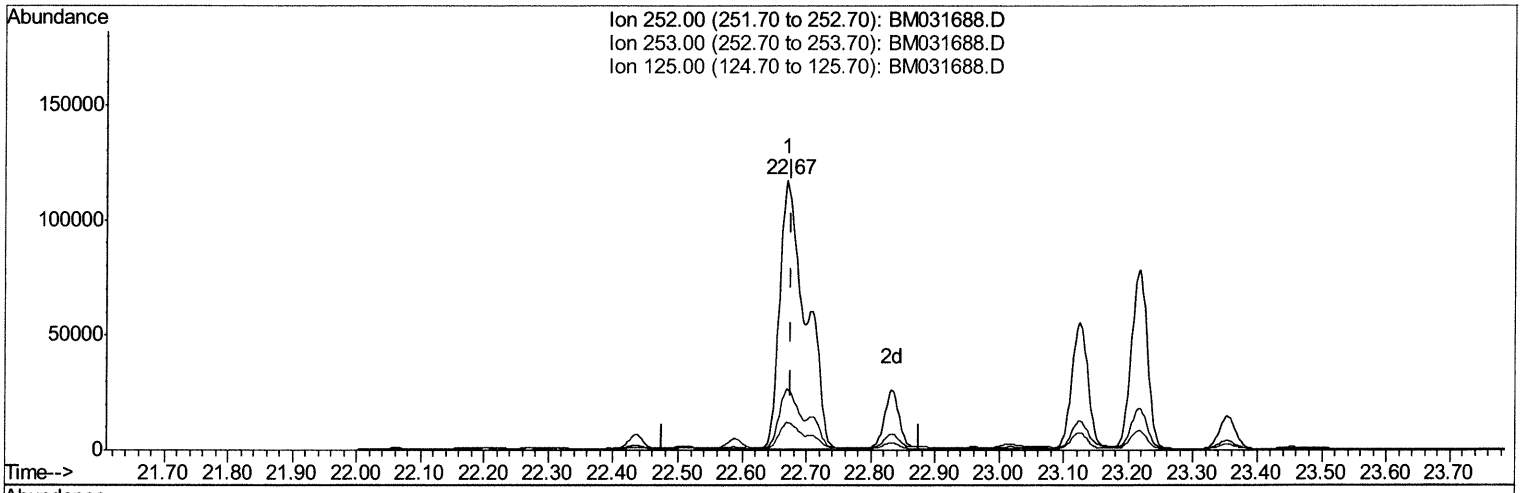
Quantitation Report (Qedit)

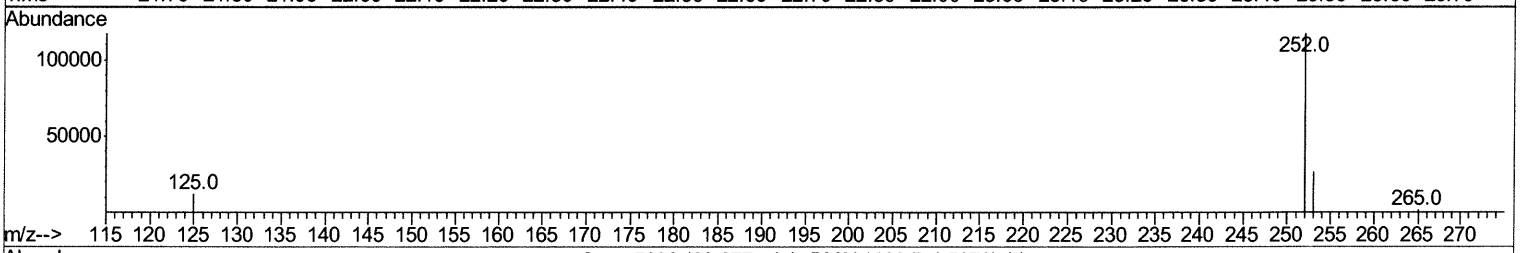
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

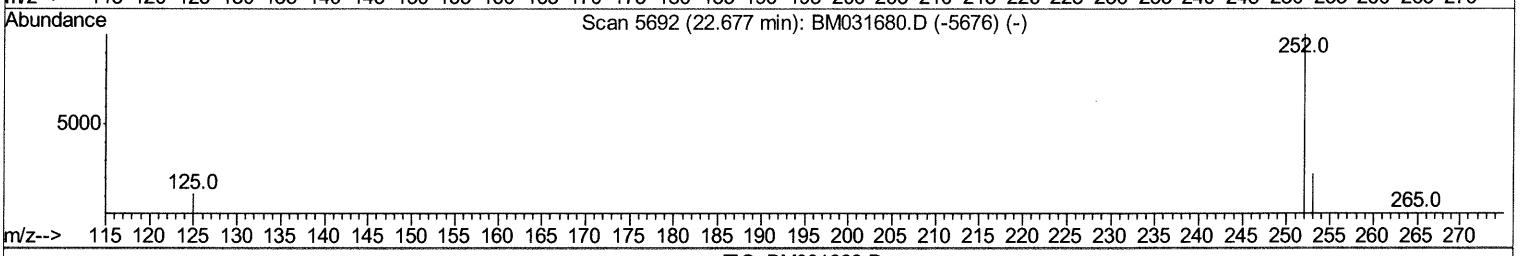
Quant Time: Aug 13 01:30:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM







TIC: BM031688.D

(24) Benzo(b)fluoranthene

22.670min (-0.007) 16.32ng/ul

response 326300

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.67
125.00	11.40	10.38
0.00	0.00	0.00

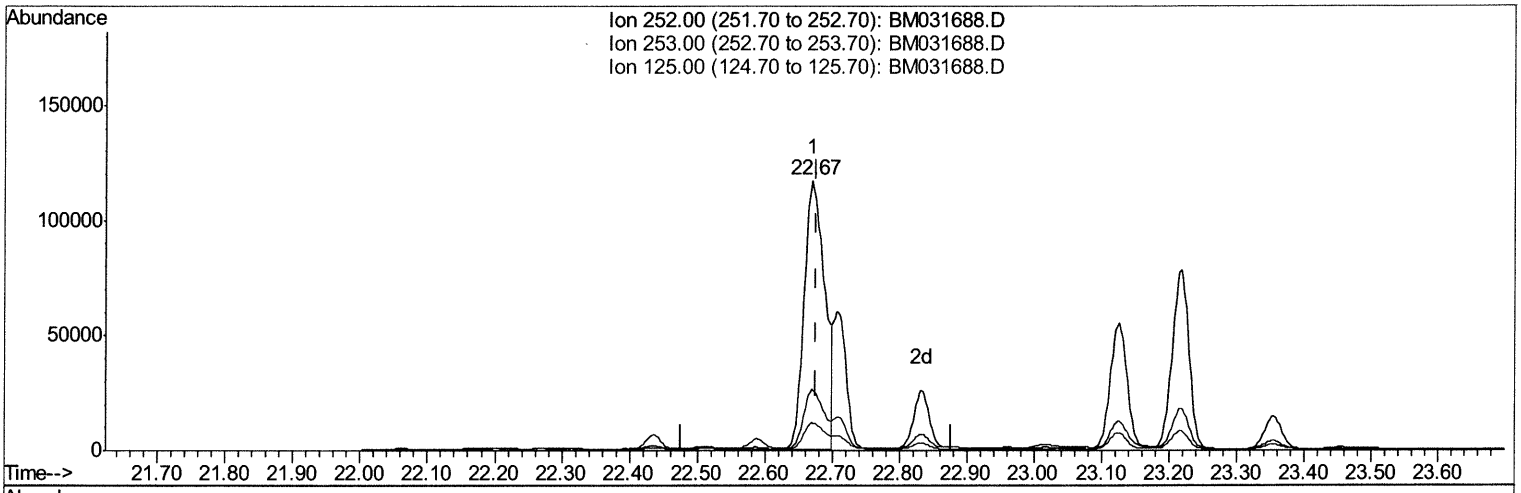
Quantitation Report (Qedit)

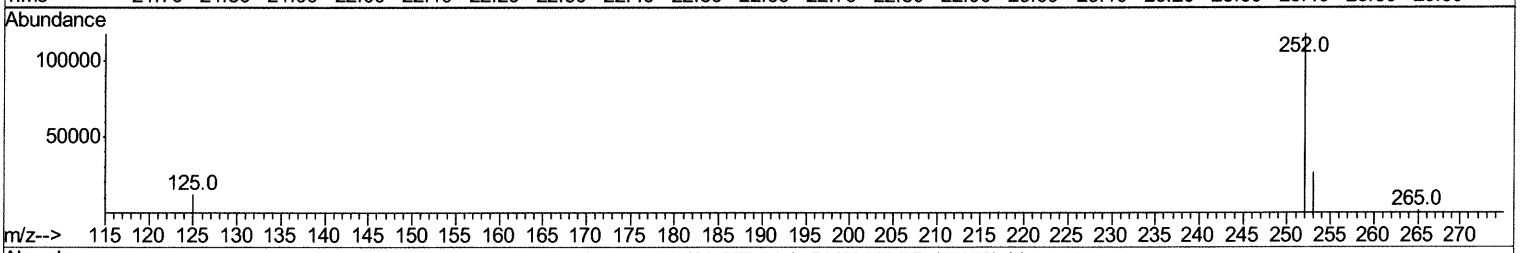
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

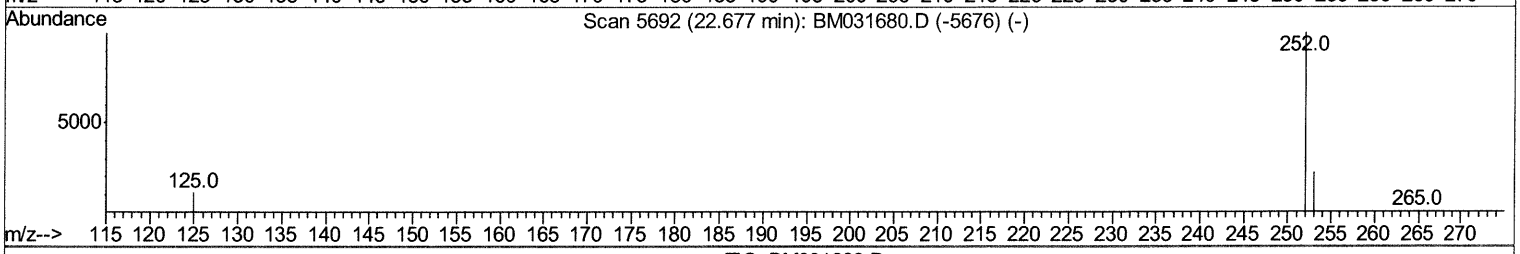
Quant Time: Aug 13 01:30:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM







TIC: BM031688.D

(24) Benzo(b)fluoranthene

22.670min (-0.007) 12.33ng/ul m 08/16/21 JU

response 246536

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.67
125.00	11.40	10.38
0.00	0.00	0.00

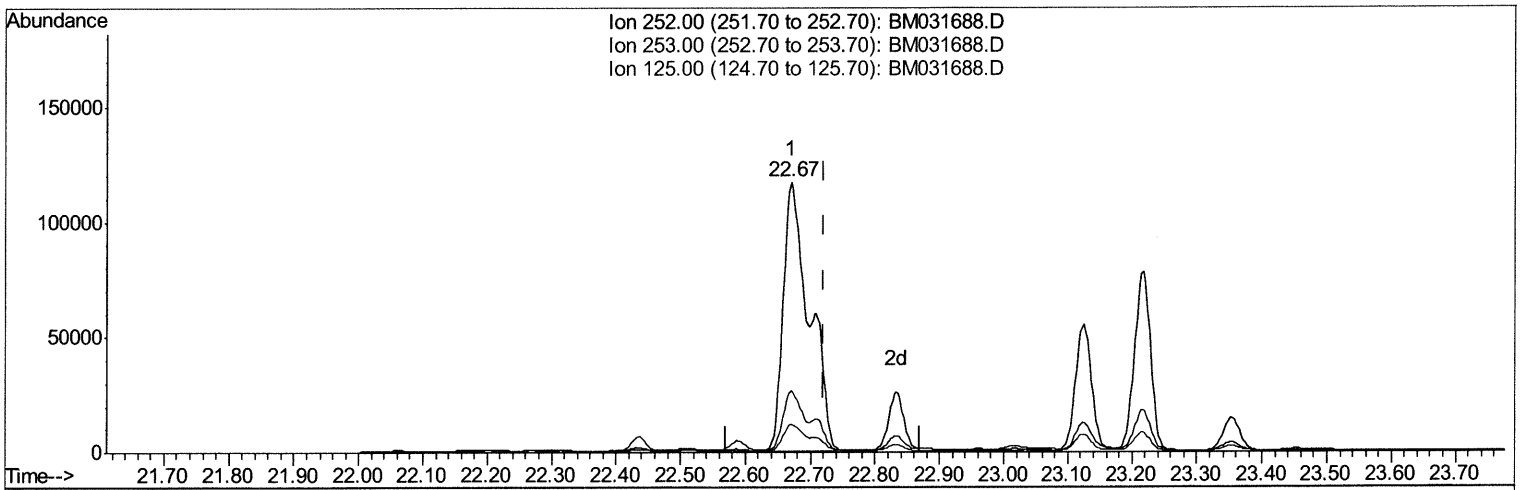
Quantitation Report (Qedit)

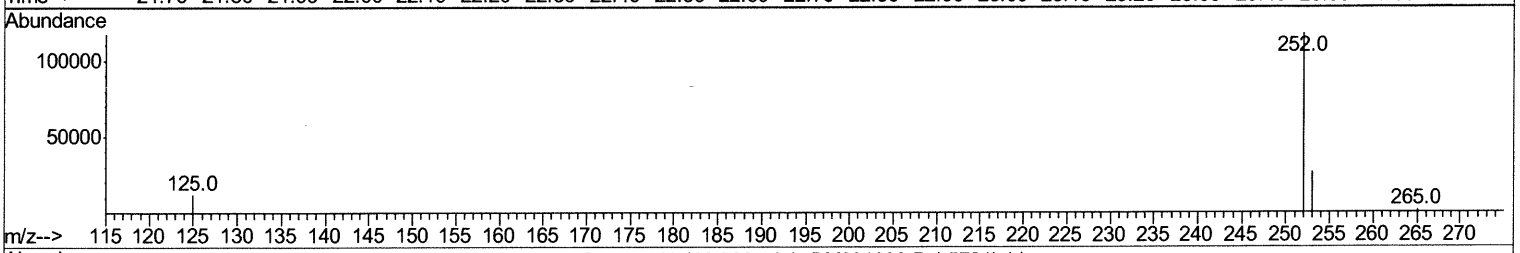
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

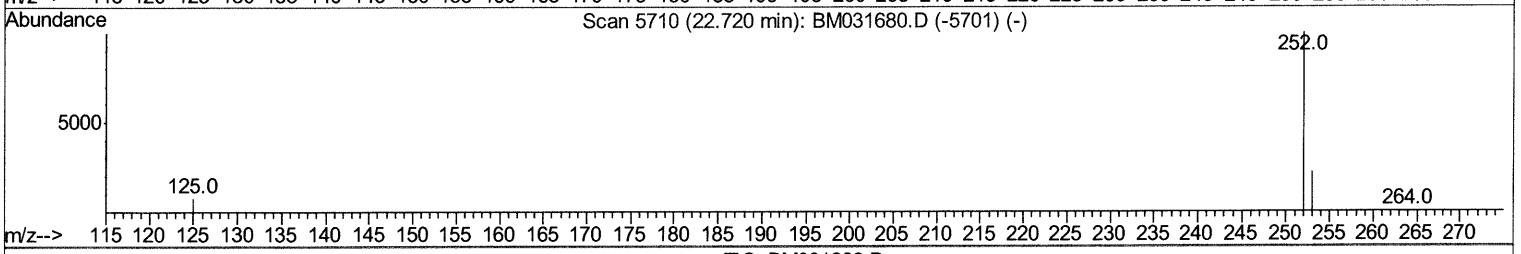
Quant Time: Aug 13 01:31:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM







TIC: BM031688.D

(25) Benzo(k)fluoranthene

22.670min (-0.051) 15.79ng/ul

response 326264

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.67
125.00	11.00	10.38
0.00	0.00	0.00

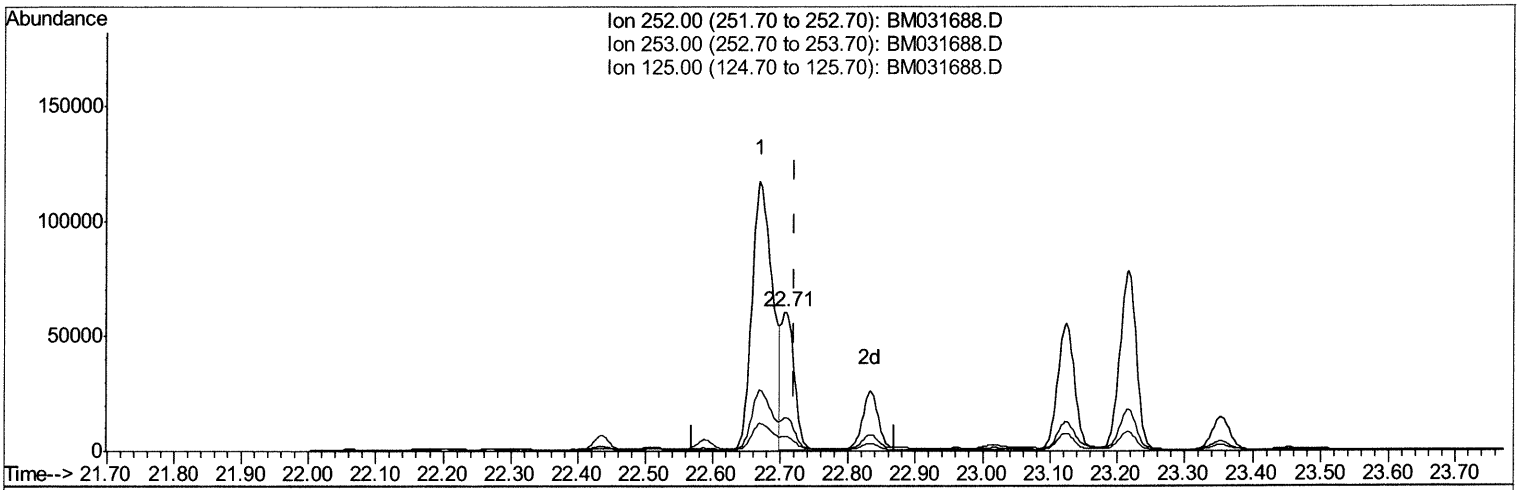
Quantitation Report (Qedit)

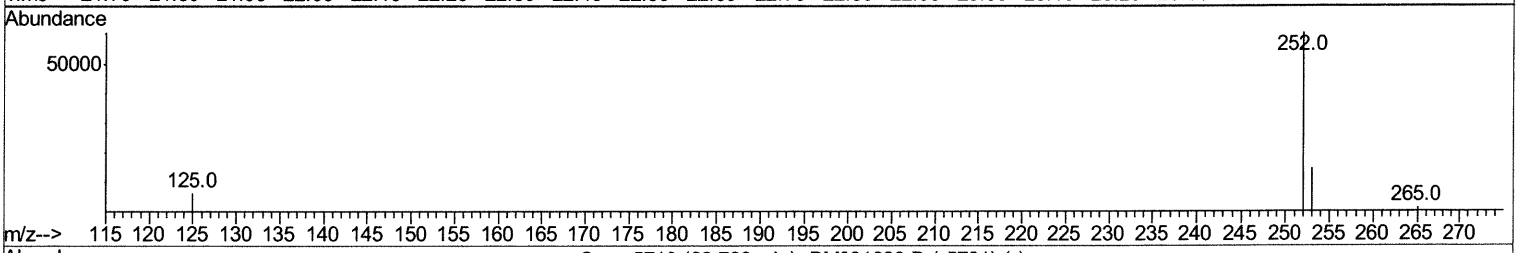
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

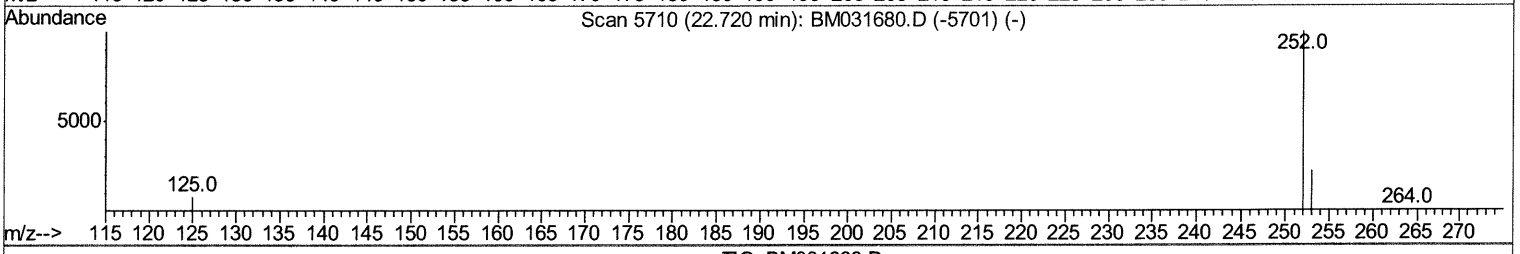
Quant Time: Aug 13 01:31:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM







TIC: BM031688.D

(25) Benzo(k)fluoranthene

22.708min (-0.012) 3.86ng/ul m 08/16/2134

response 79725

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.11
125.00	11.00	10.61
0.00	0.00	0.00

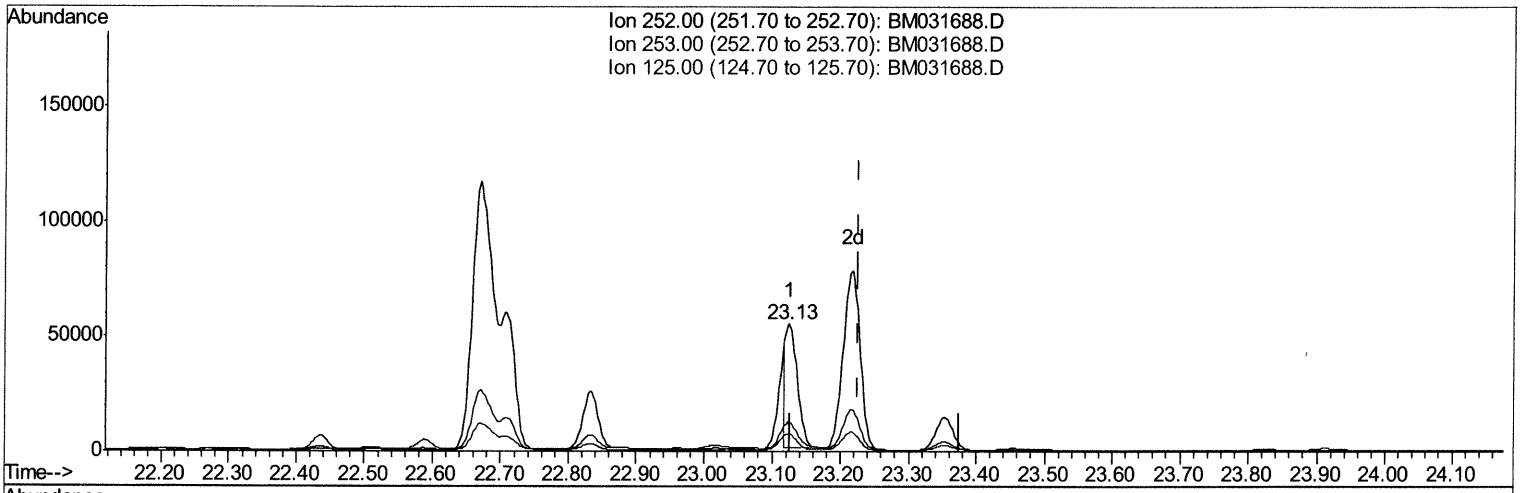
Quantitation Report (Qedit)

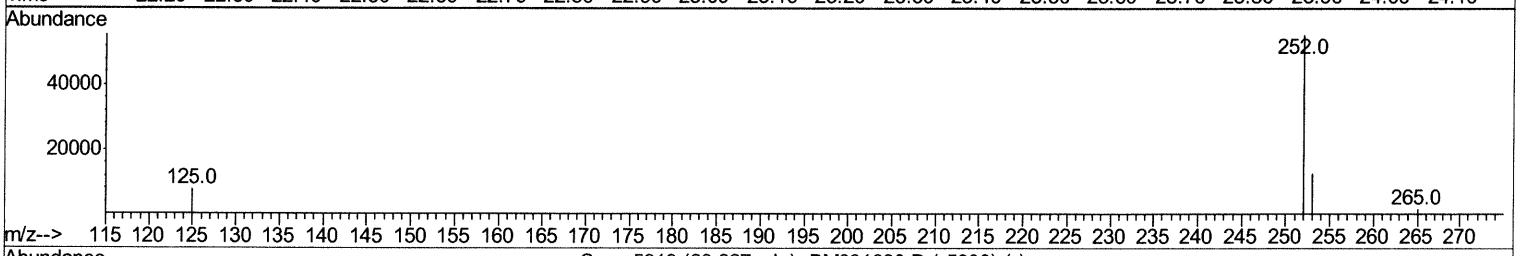
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

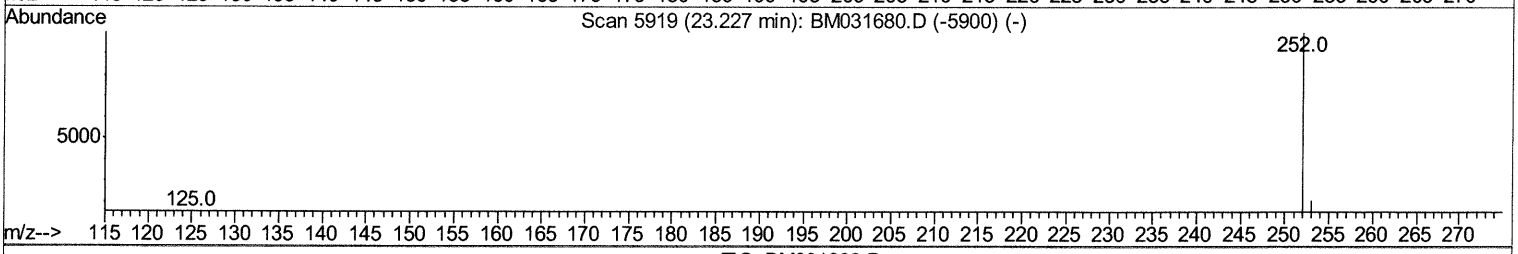
Quant Time: Aug 13 01:32:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM







TIC: BM031688.D

(26) Benzo(a)pyrene (C)

23.125min (-0.101) 3.61ng/ul

response 63185

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.15
125.00	16.20	13.92
0.00	0.00	0.00

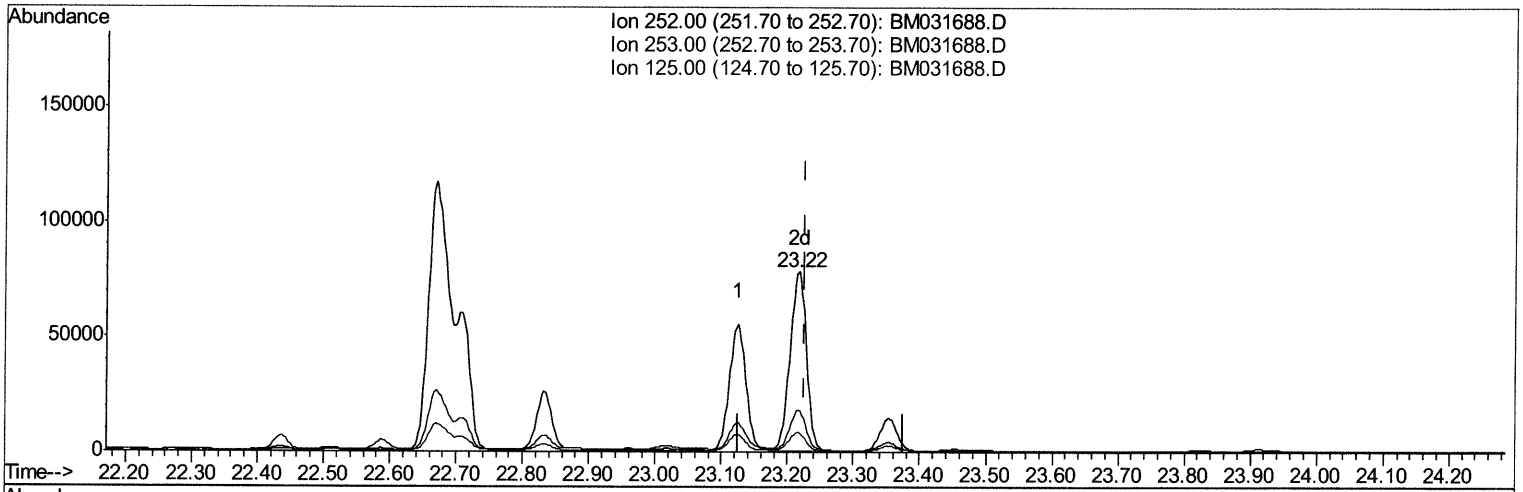
Quantitation Report (Qedit)

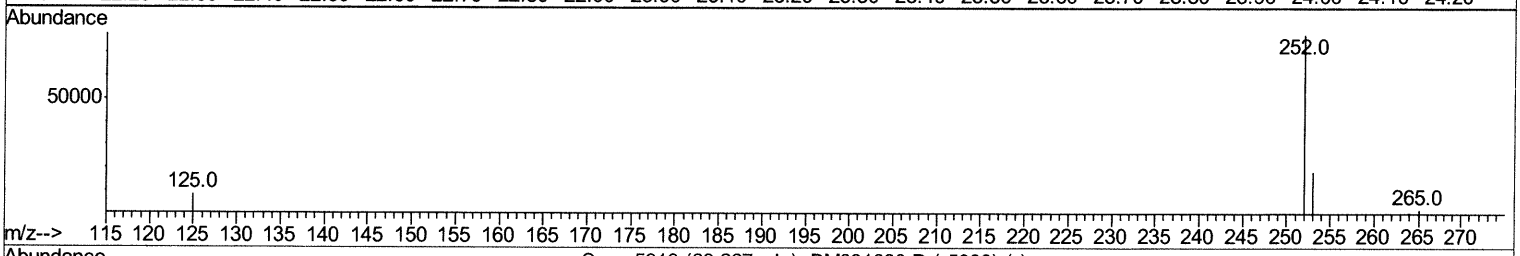
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

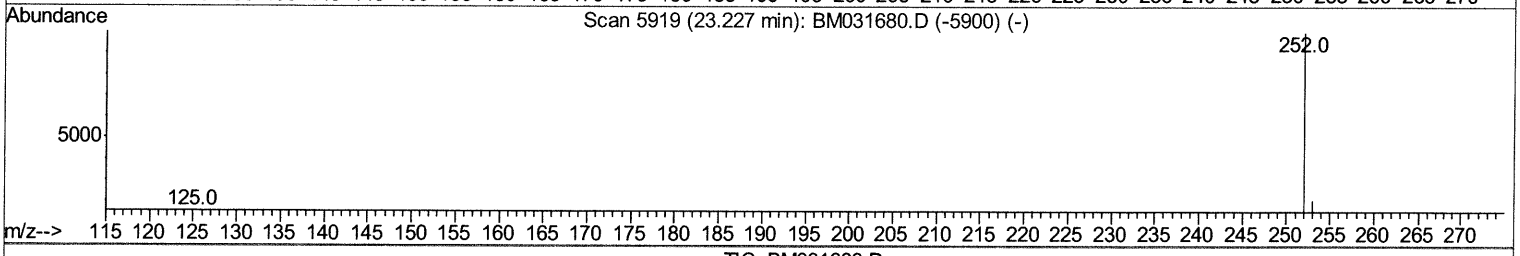
Quant Time: Aug 13 01:32:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM







TIC: BM031688.D

(26) Benzo(a)pyrene (C)

23.217min (-0.009) 7.74ng/ul m 08/16/21 JU

response 135558

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.34
125.00	16.20	10.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031688.D
Acq On : 12 Aug 2021 21:54
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00C9

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:32 PM

Quant Time: Aug 13 01:33:18 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	1158	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4322	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	3217	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4905	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4072	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4438	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4112	3.20	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1644	0.23	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	3321	0.24	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	110593	8.590	ng/ul	97
7) 2-Methylnaphthalene	12.00	142	65951	7.498	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	29416	3.385	ng/ul	100
10) Acenaphthylene	13.92	152	44037	3.214	ng/ul	98
11) Acenaphthene	14.30	153	2907m	0.252	ng/ul	98
12) Fluorene	15.26	166	4995	0.376	ng/ul#	86
15) Phenanthrene	17.00	178	197929	12.708	ng/ul	97
16) Anthracene	17.09	178	49936	3.424	ng/ul	98
19) Fluoranthene	19.02	202	342196	19.680	ng/ul	97
20) Pyrene	19.39	202	286010	16.217	ng/ul	97
21) Benzo(a)anthracene	21.14	228	193108	11.744	ng/ul	96
22) Chrysene	21.19	228	218599	12.850	ng/ul	98
24) Benzo(b)fluoranthene	22.67	252	246536m	12.329	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	79725m	3.859	ng/ul	08/16/21 JU
26) Benzo(a)pyrene	23.22	252	135558m	7.741	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.44	276	91841	4.057	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.44	278	26289	1.441	ng/ul	97
29) Benzo(g,h,i)perylene	26.09	276	16618	0.861	ng/ul	94

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