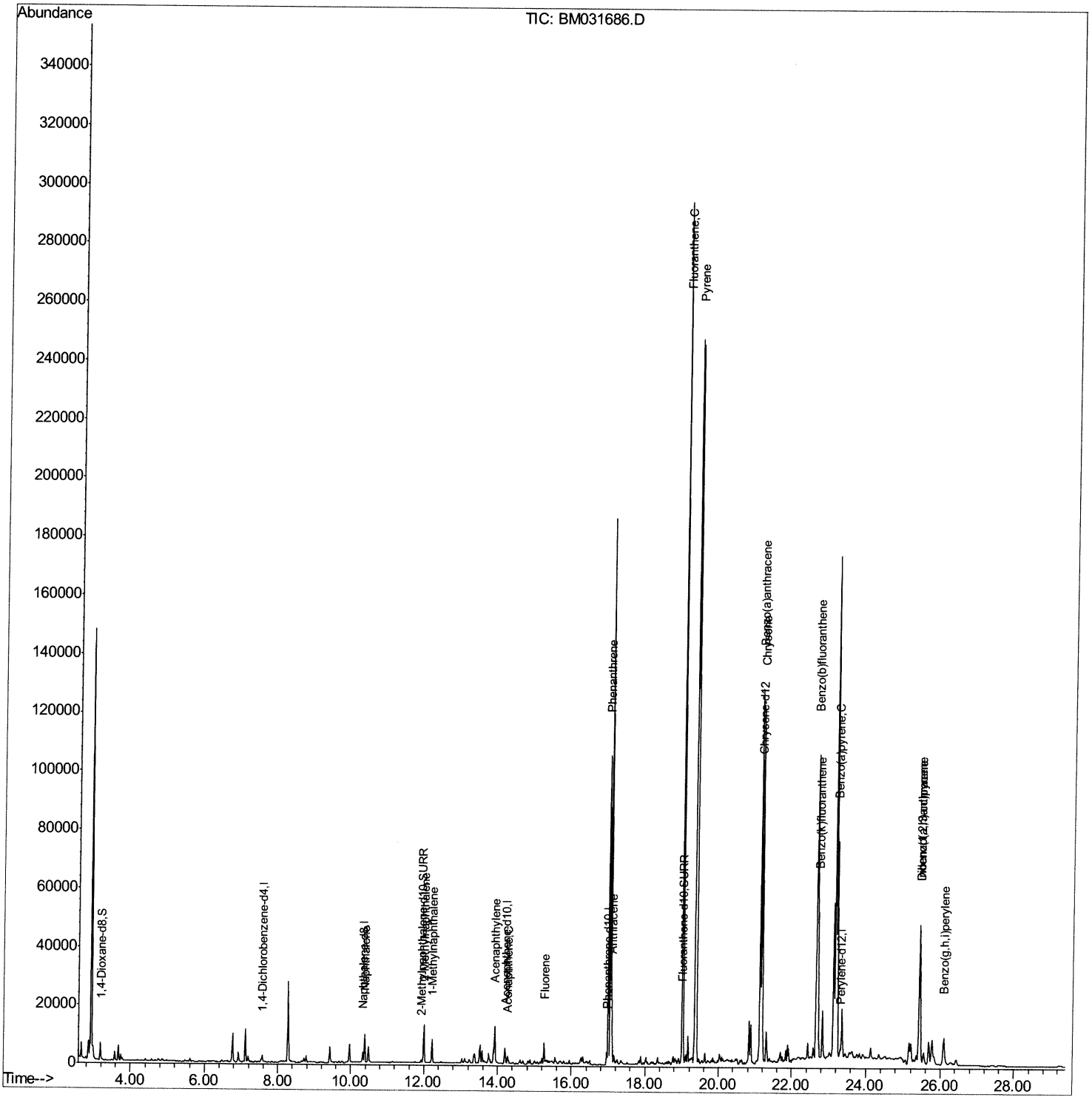
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 13 01:23:18 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 :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM



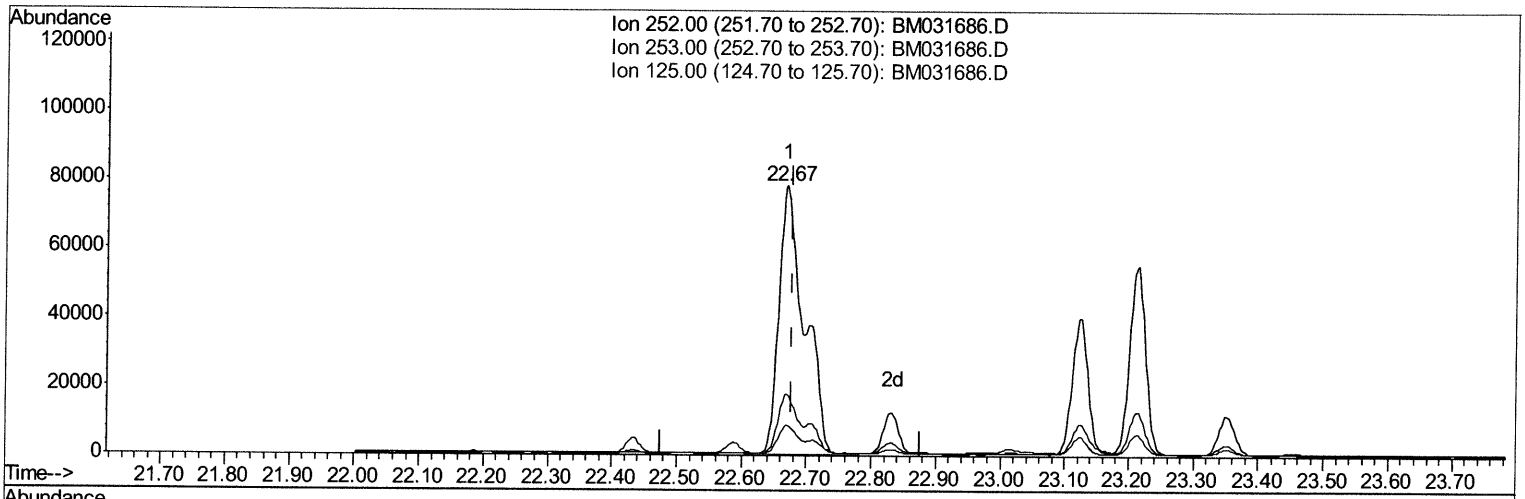
Quantitation Report (Qedit)

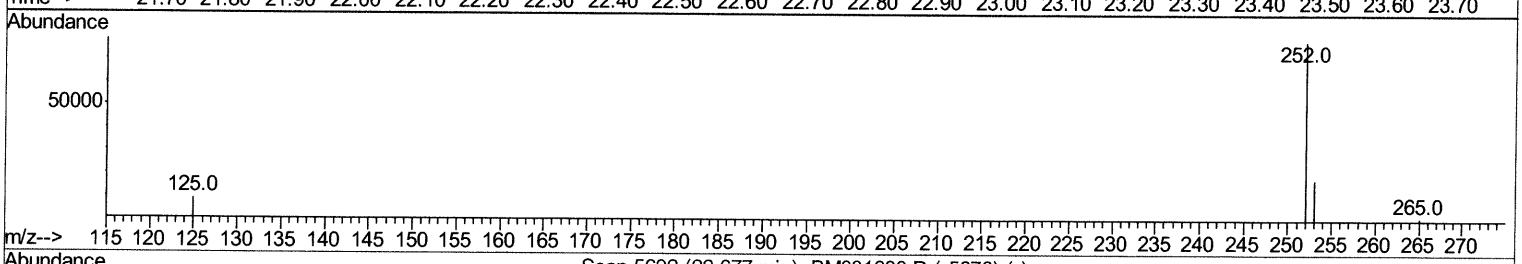
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

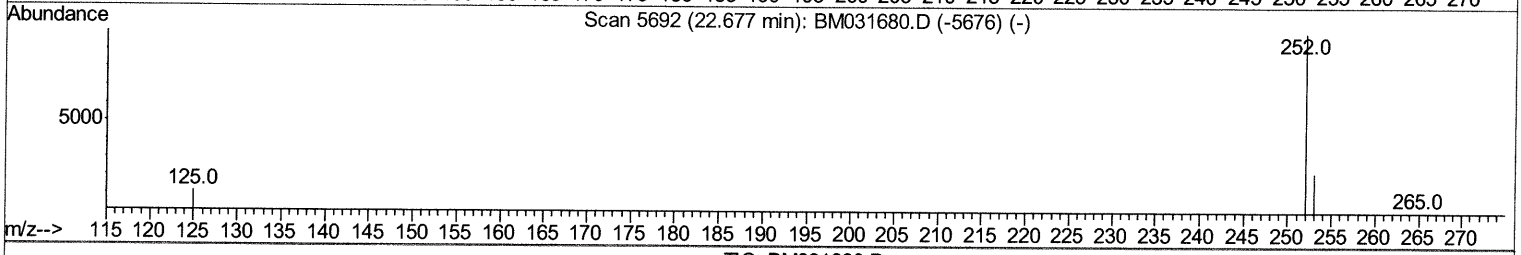
Quant Time: Aug 13 01:01:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM







TIC: BM031686.D

(24) Benzo(b)fluoranthene

22.670min (-0.007) 11.88ng/ul

response 212142

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.77
125.00	11.40	11.16
0.00	0.00	0.00

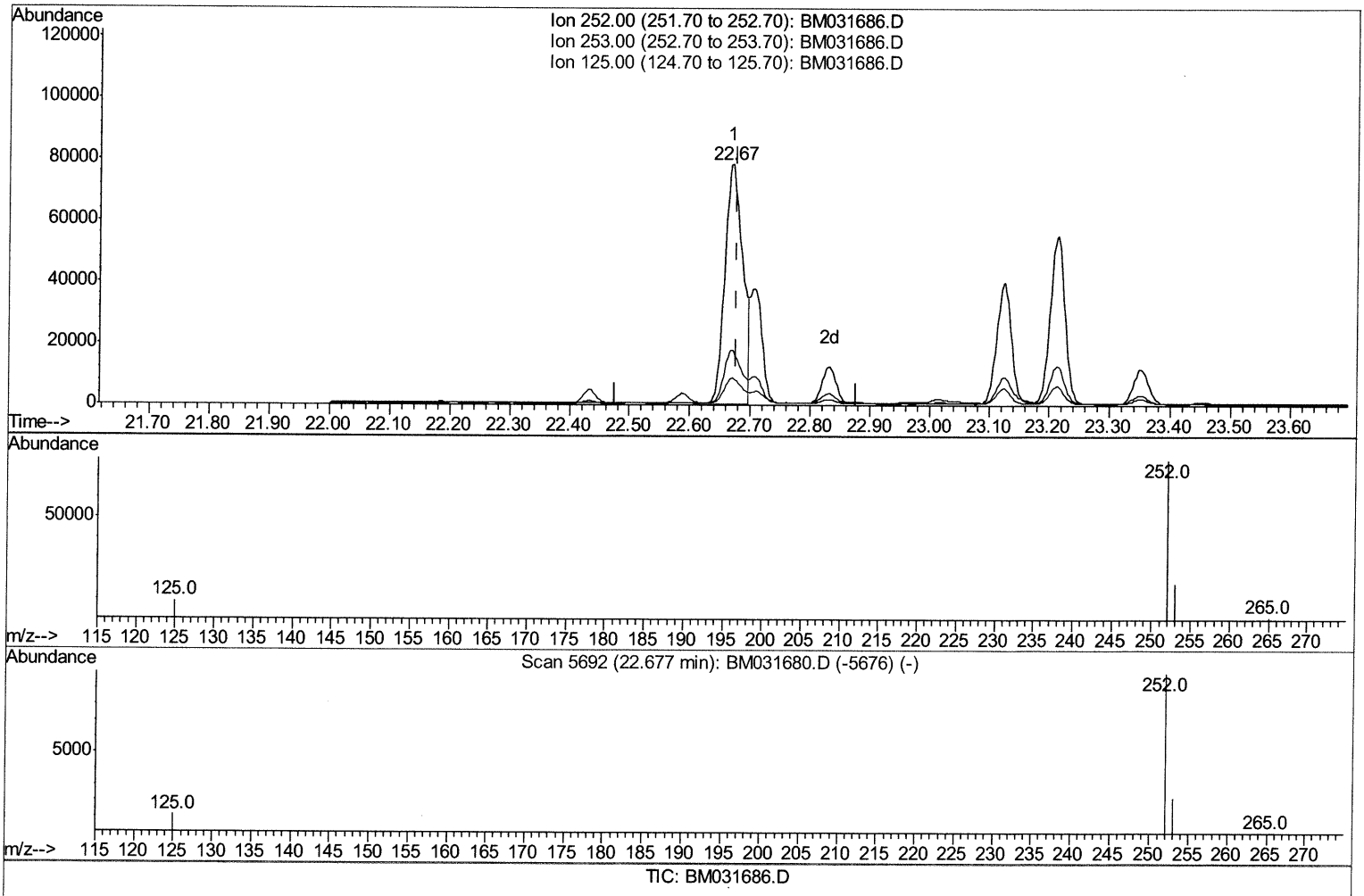
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 13 01:01:28 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 :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM



TIC: BM031686.D

(24) Benzo(b)fluoranthene

22.670min (-0.007) 8.94ng/ul m 08/16/21 JY

response 159713

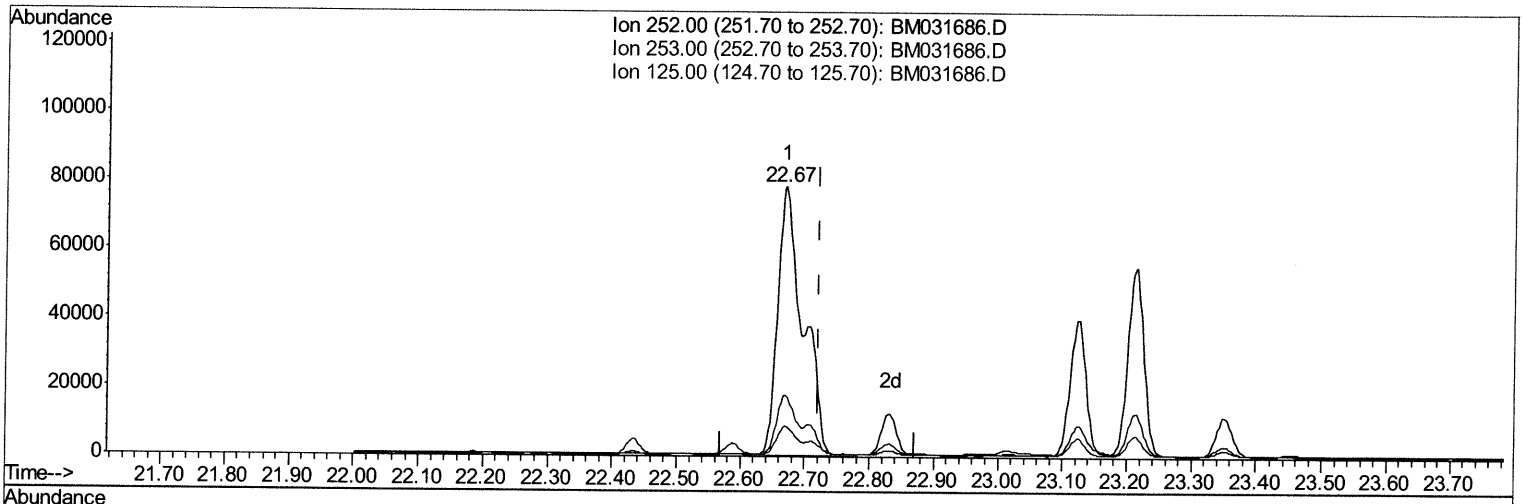
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.77
125.00	11.40	11.16
0.00	0.00	0.00

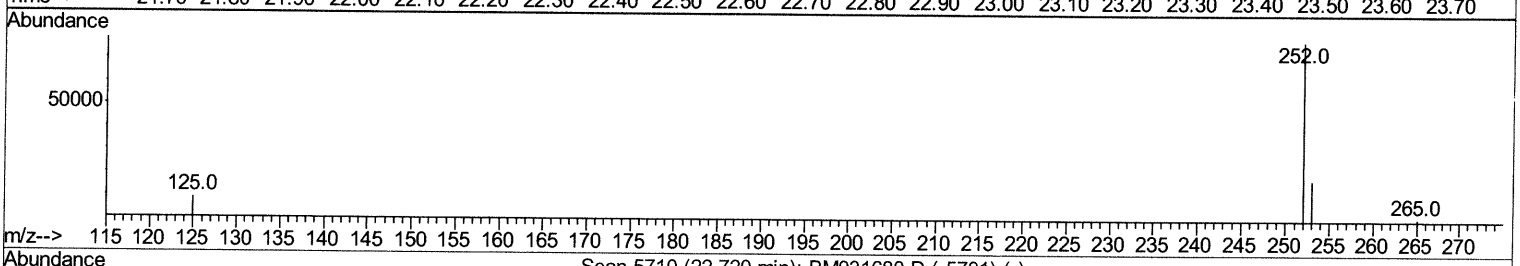
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

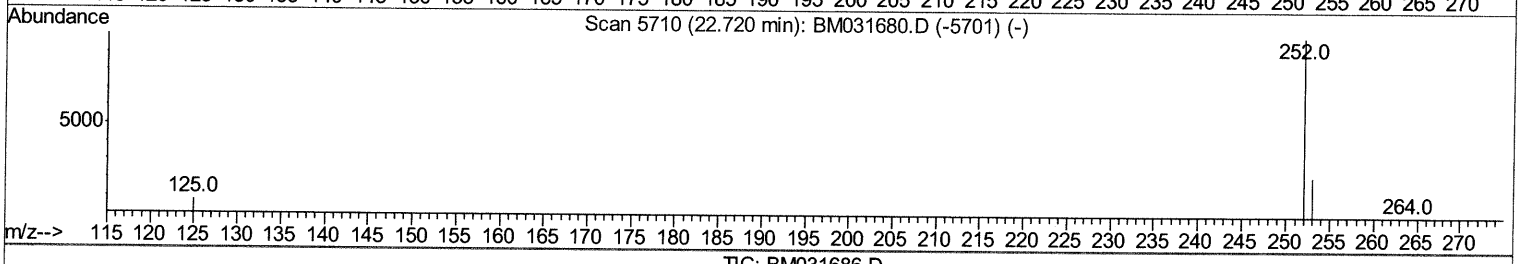
Quant Time: Aug 13 01:21:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM







TIC: BM031686.D

(25) Benzo(k)fluoranthene

22.670min (-0.050) 11.50ng/ul

response 212142

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.77
125.00	11.00	11.16
0.00	0.00	0.00

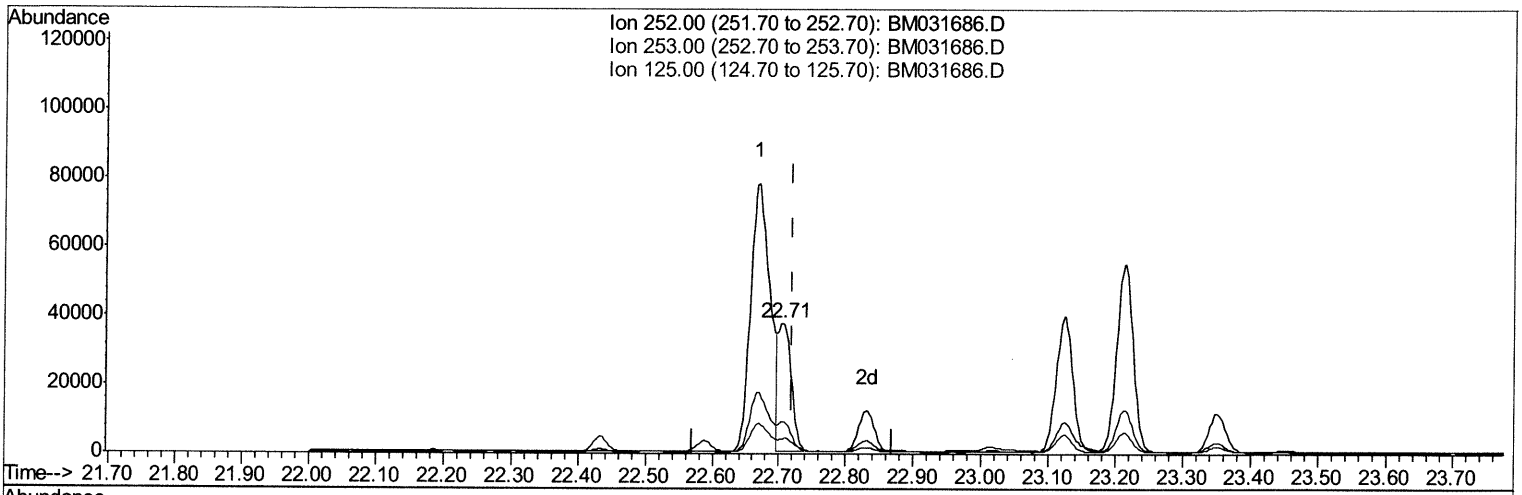
Quantitation Report (Qedit)

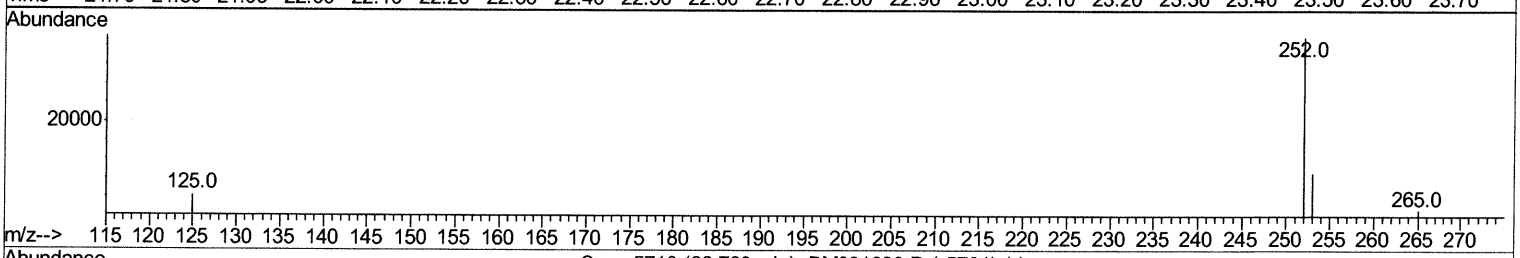
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

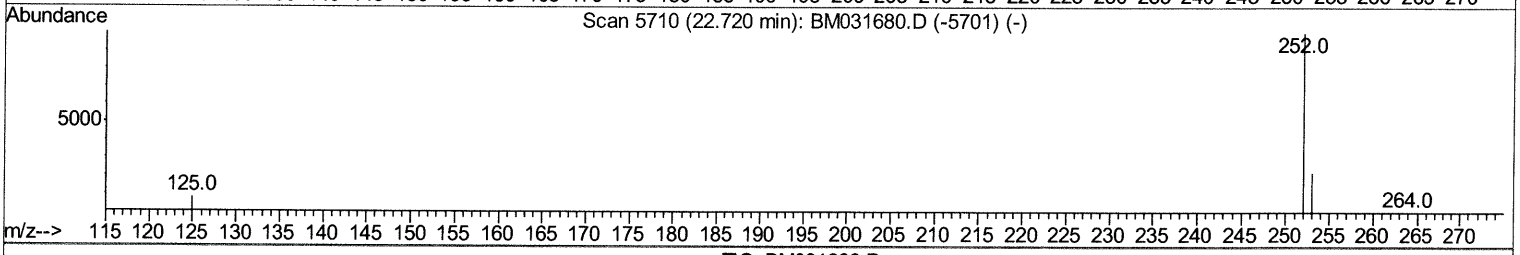
Quant Time: Aug 13 01:21:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM







TIC: BM031686.D

(25) Benzo(k)fluoranthene

22.706min (-0.014) 2.82ng/ul m 08/16/21 JU

response 51981

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.36
125.00	11.00	11.63
0.00	0.00	0.00

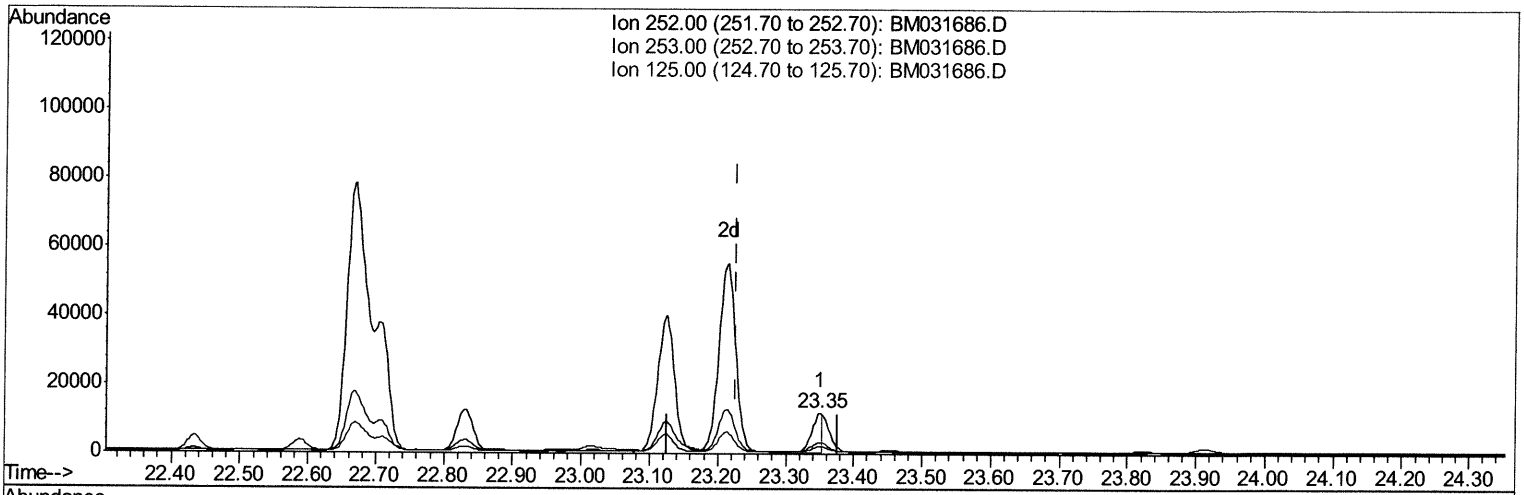
Quantitation Report (Qedit)

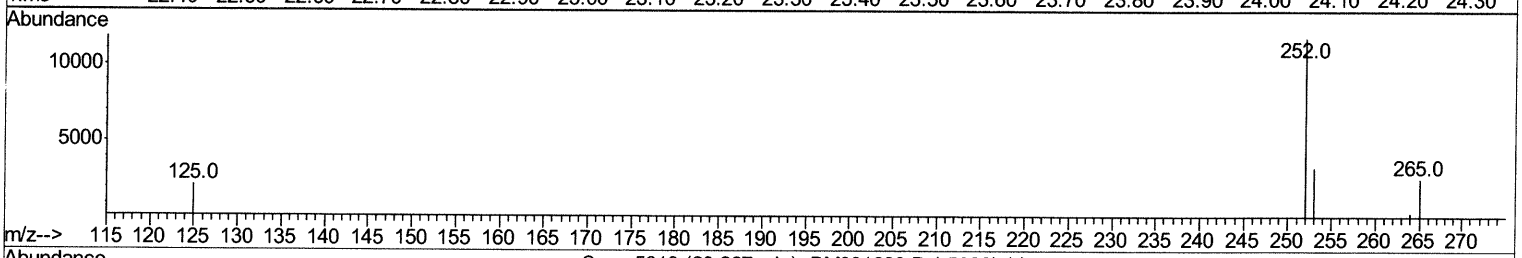
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

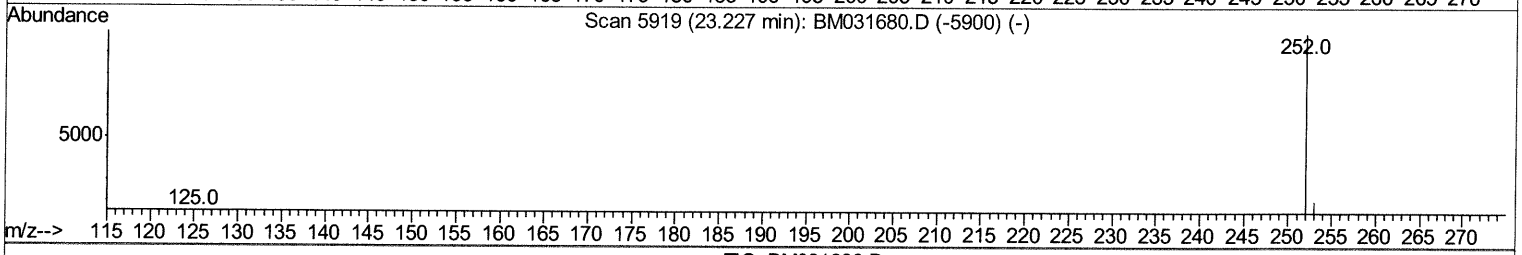
Quant Time: Aug 13 01:22:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM







TIC: BM031686.D

(26) Benzo(a)pyrene (C)

23.351min (+0.124) 0.76ng/ul

response 11829

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	28.28
125.00	16.20	18.19
0.00	0.00	0.00

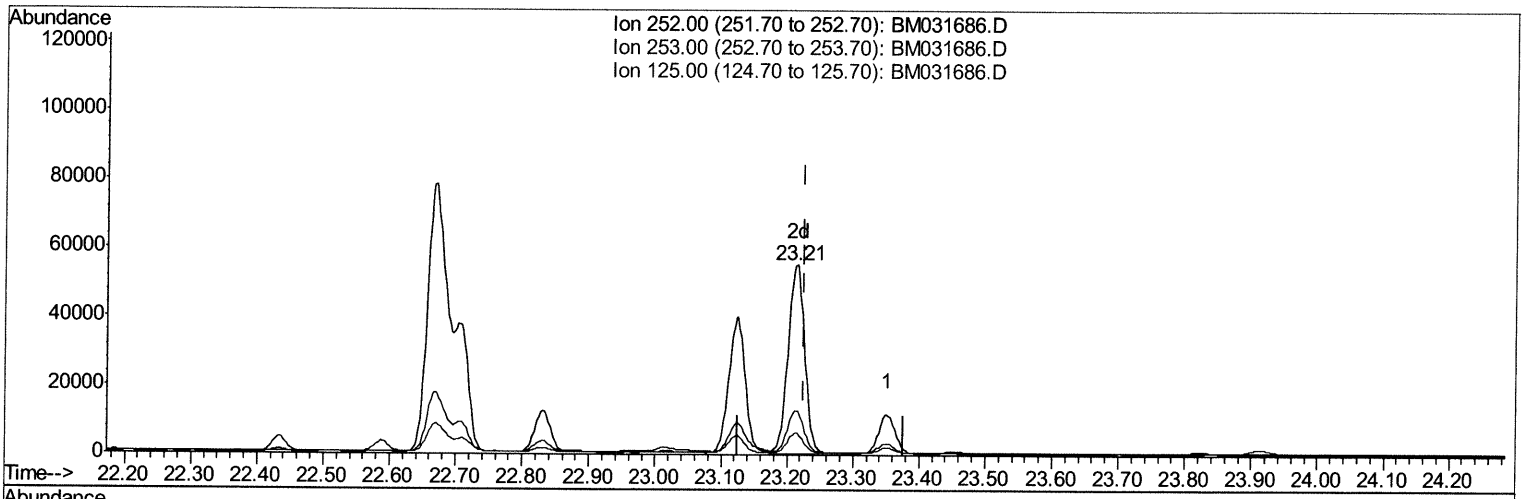
Quantitation Report (Qedit)

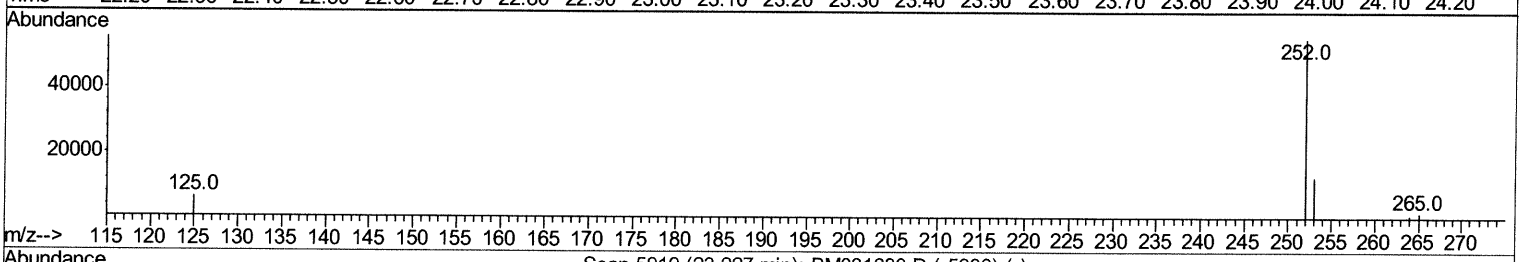
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

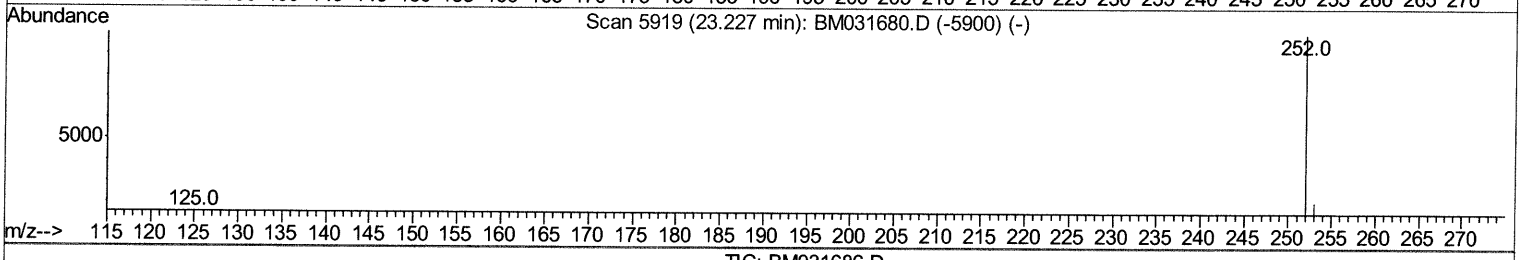
Quant Time: Aug 13 01:22:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM







TIC: BM031686.D

(26) Benzo(a)pyrene (C)

23.215min (-0.012) 6.11ng/ul m 08/16/2130

response 95526

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	23.14
125.00	16.20	11.34#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031686.D
Acq On : 12 Aug 2021 20:39
Operator : CG/JU
Sample : M3182-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00C4

Manual Integrations APPROVED
mohammad
8/13/2021 5:14:27 PM

Quant Time: Aug 13 01:23:18 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	1192	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4366	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2611	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4826	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4001	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3963	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3724	2.81	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	1571	0.21	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	3332	0.25	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	13134	1.010	ng/ul	98
7) 2-Methylnaphthalene	12.00	142	9258	1.042	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	5704	0.650	ng/ul	100
10) Acenaphthylene	13.92	152	15514	1.395	ng/ul	99
11) Acenaphthene	14.27	153	1856	0.198	ng/ul	96
12) Fluorene	15.26	166	4412	0.410	ng/ul#	93
15) Phenanthrene	17.00	178	109833	7.167	ng/ul	97
16) Anthracene	17.09	178	21872	1.524	ng/ul	99
19) Fluoranthene	19.02	202	251575	14.725	ng/ul	98
20) Pyrene	19.38	202	204462	11.799	ng/ul	96
21) Benzo(a)anthracene	21.13	228	105670	6.540	ng/ul	97
22) Chrysene	21.19	228	117212	7.012	ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	159713m	8.945	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	51981m	2.818	ng/ul	
26) Benzo(a)pyrene	23.21	252	95526m	6.109	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.44	276	70917	3.508	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.44	278	17517	1.075	ng/ul	95
29) Benzo(g,h,i)perylene	26.09	276	18900	1.096	ng/ul	97

08/16/21 JU

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