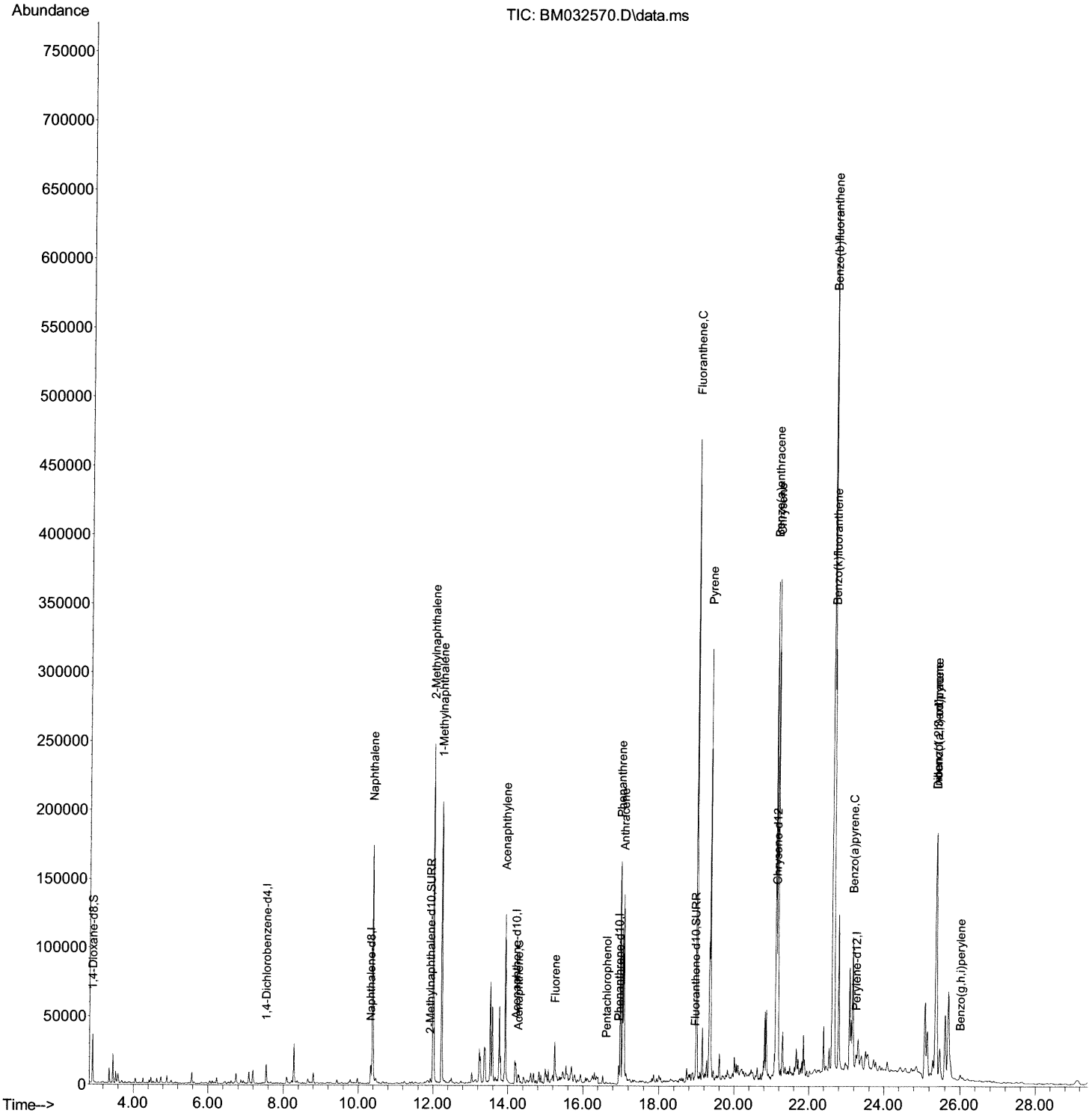
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM



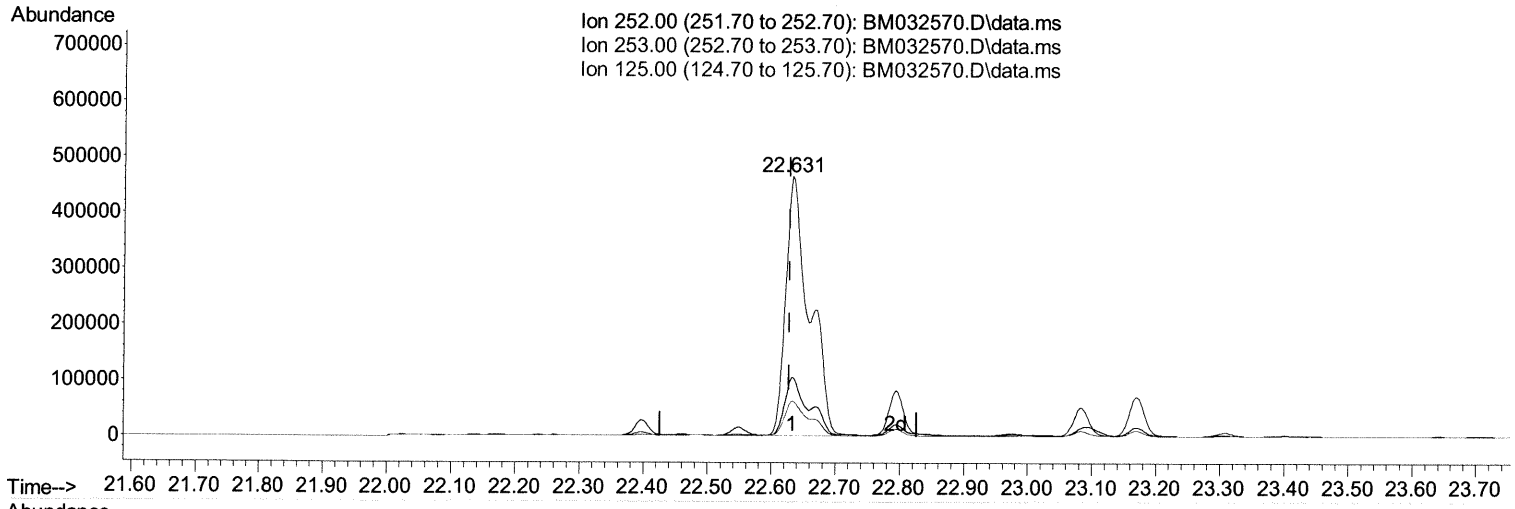
Quantitation Report (Qedit)

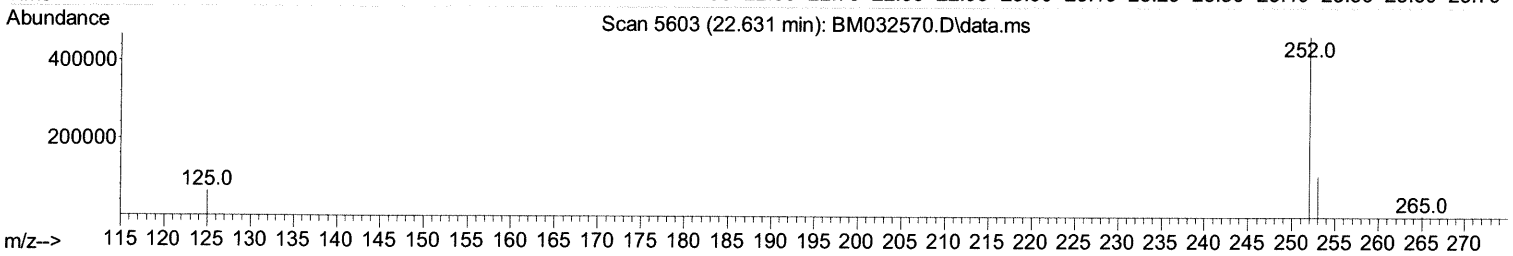
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

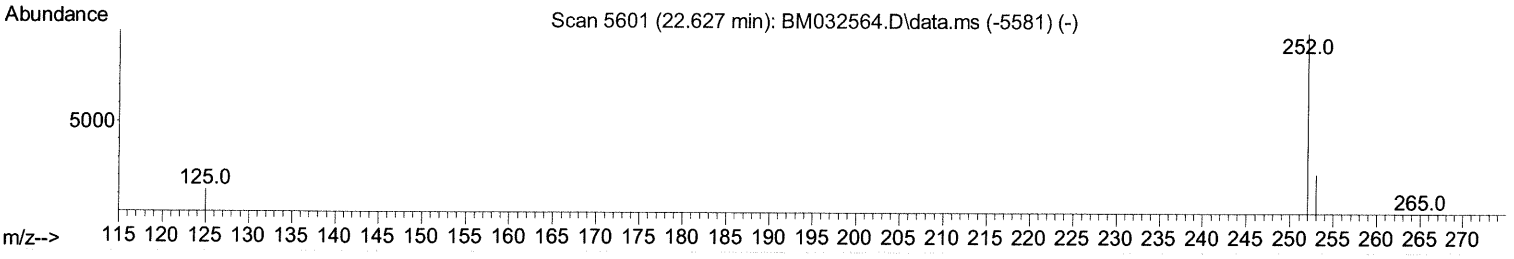
Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM







TIC: BM032570.D\data.ms

(24) Benzo(b)fluoranthene

22.631min (+ 0.005) 19.61 ng/ul

response 1197570

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	22.83
125.00	17.80	13.66
0.00	0.00	0.00

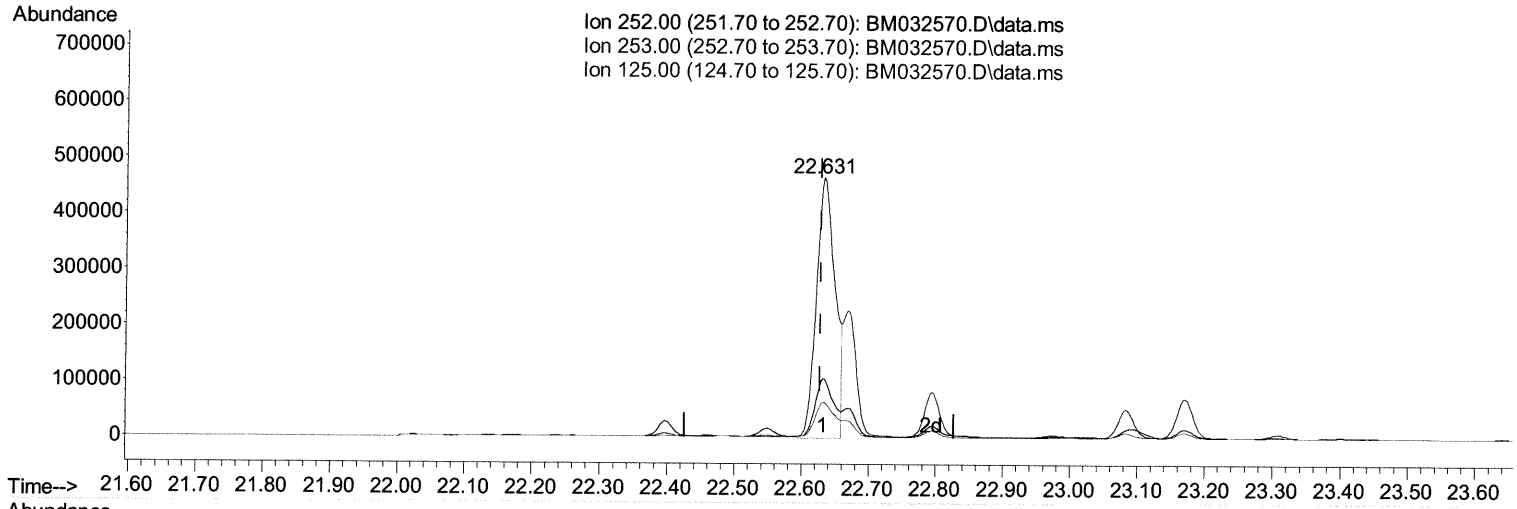
Quantitation Report (Qedit)

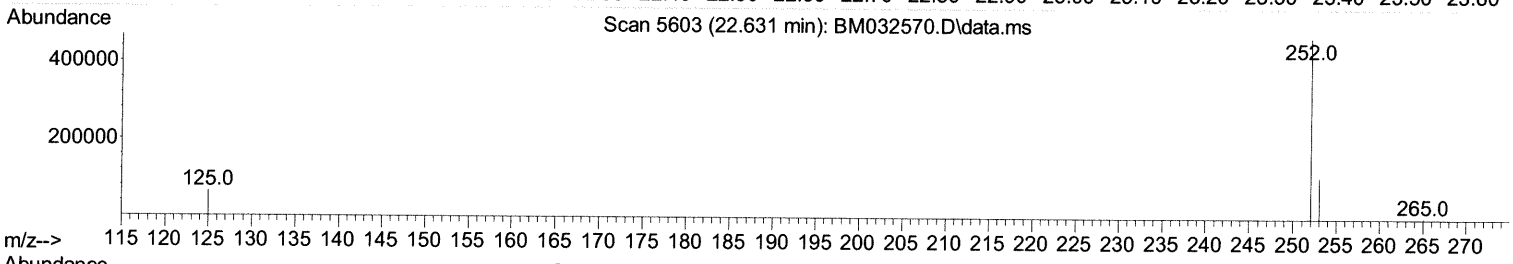
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

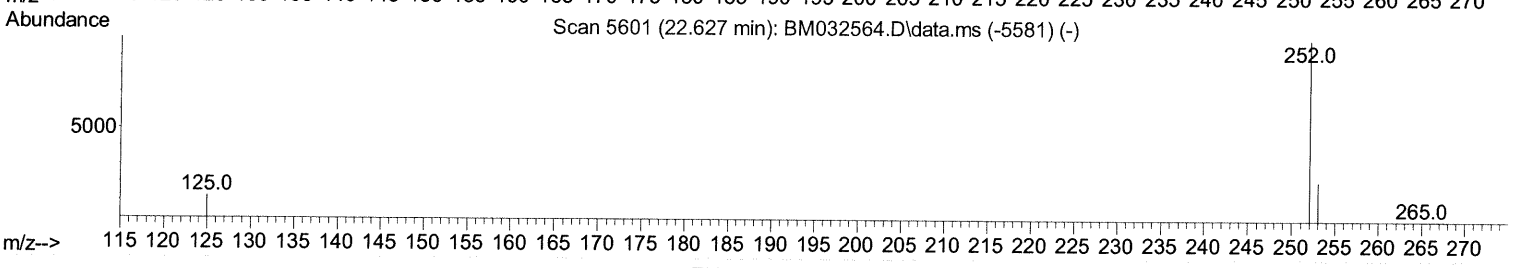
Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM







TIC: BM032570.D\data.ms

(24) Benzo(b)fluoranthene

22.631min (+ 0.005) 14.53 ng/ul m 10/20/21 JU

response 887185

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	22.83
125.00	17.80	13.66
0.00	0.00	0.00

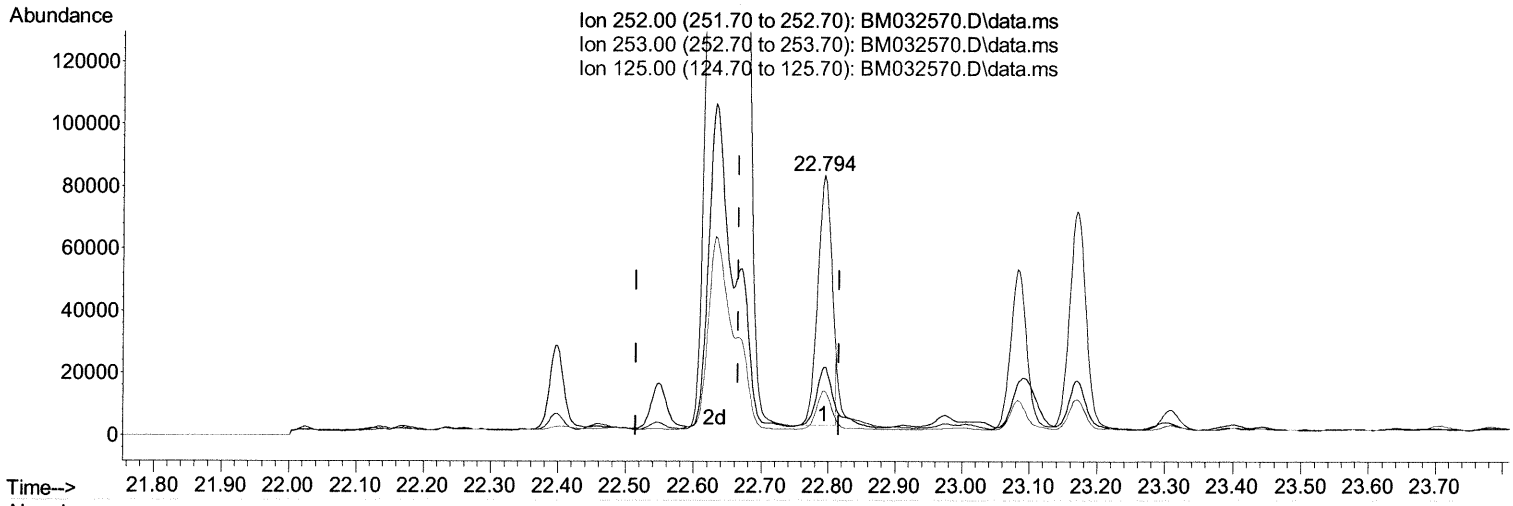
Quantitation Report (Qedit)

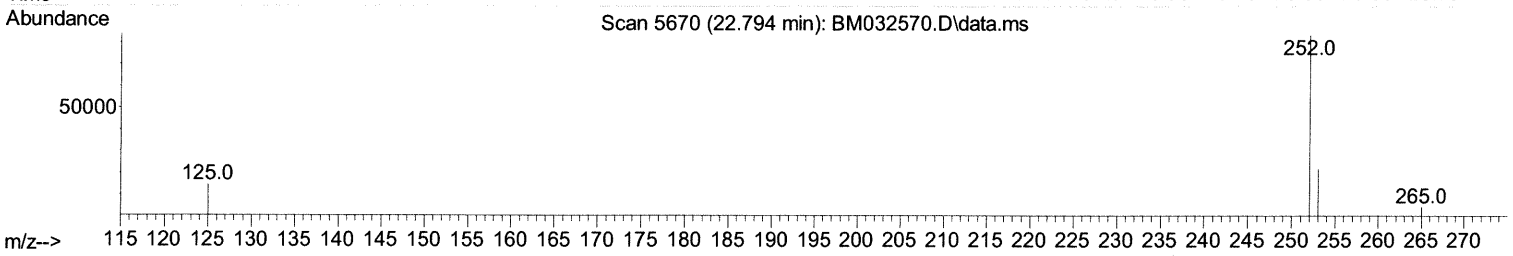
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

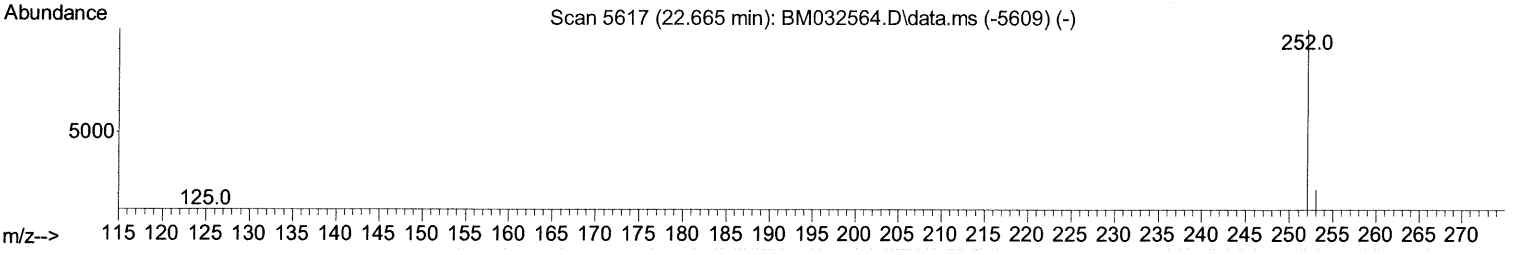
Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM







TIC: BM032570.D\data.ms

(25) Benzo(k)fluoranthene

22.794min (+ 0.128) 1.94 ng/ul

response 117839

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.31
125.00	18.00	17.21
0.00	0.00	0.00

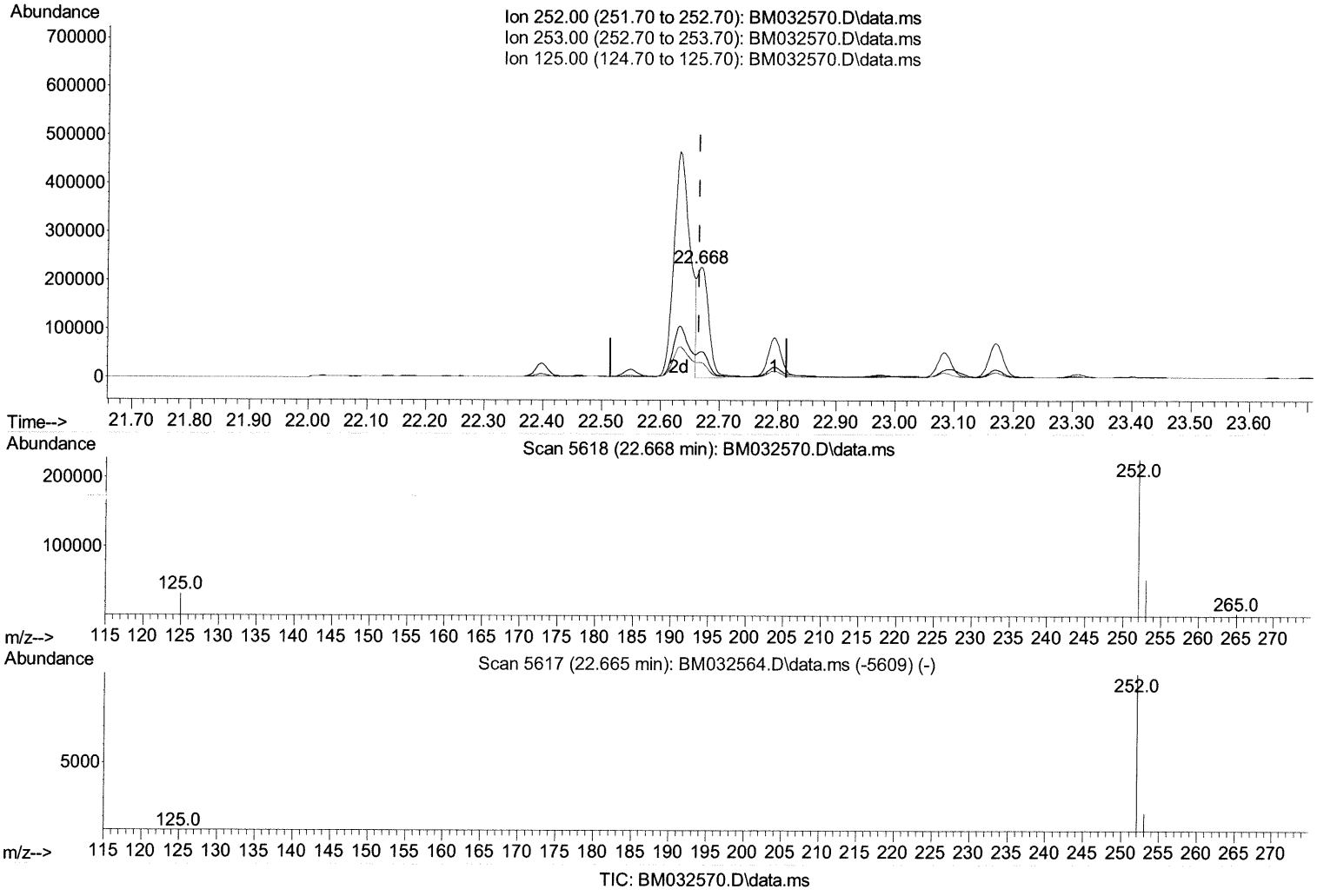
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM



TIC: BM032570.D\data.ms

(25) Benzo(k)fluoranthene

22.668min (+ 0.002) 5.27 ng/ul m 10/20/21 JU

response 320117

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	23.40
125.00	18.00	13.75#
0.00	0.00	0.00

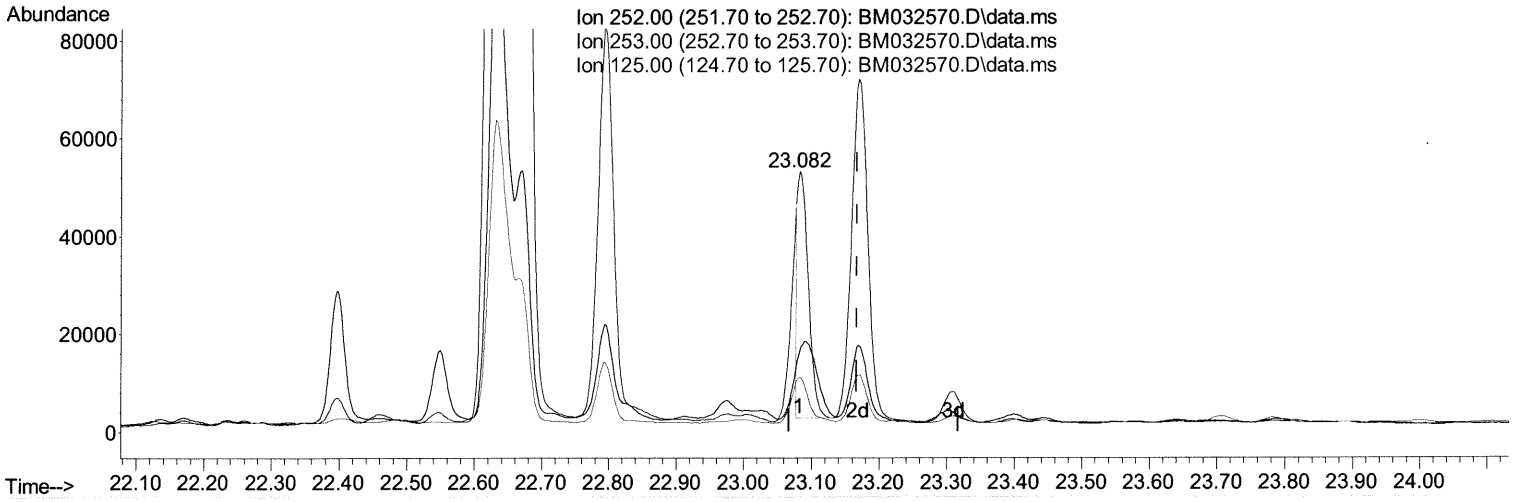
Quantitation Report (Qedit)

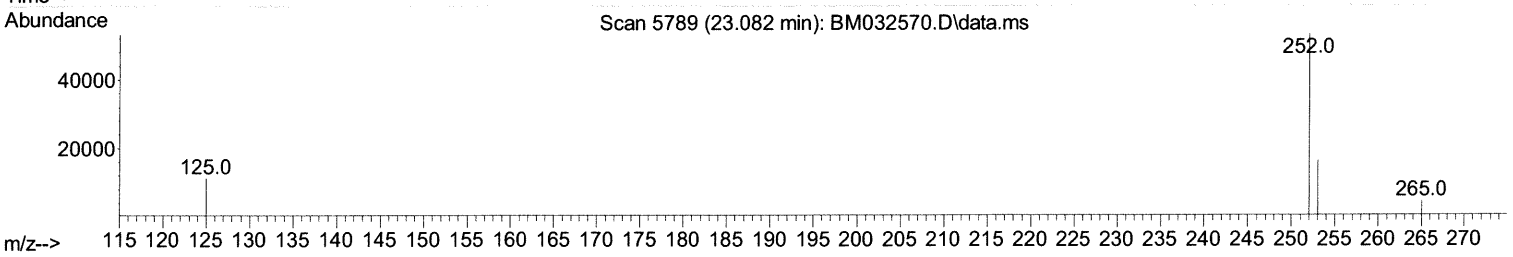
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

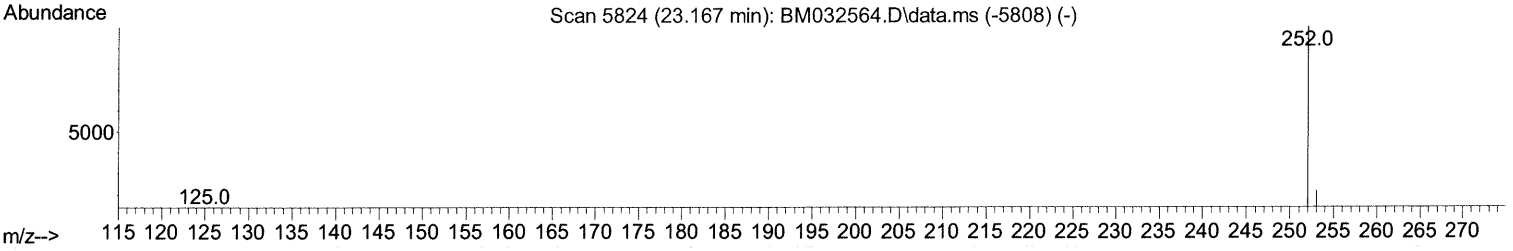
Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM







TIC: BM032570.D\data.ms

(26) Benzo(a)pyrene (C)

23.082min (-0.085) 1.09 ng/ul

response 55869

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.50	30.78
125.00	21.40	21.22
0.00	0.00	0.00

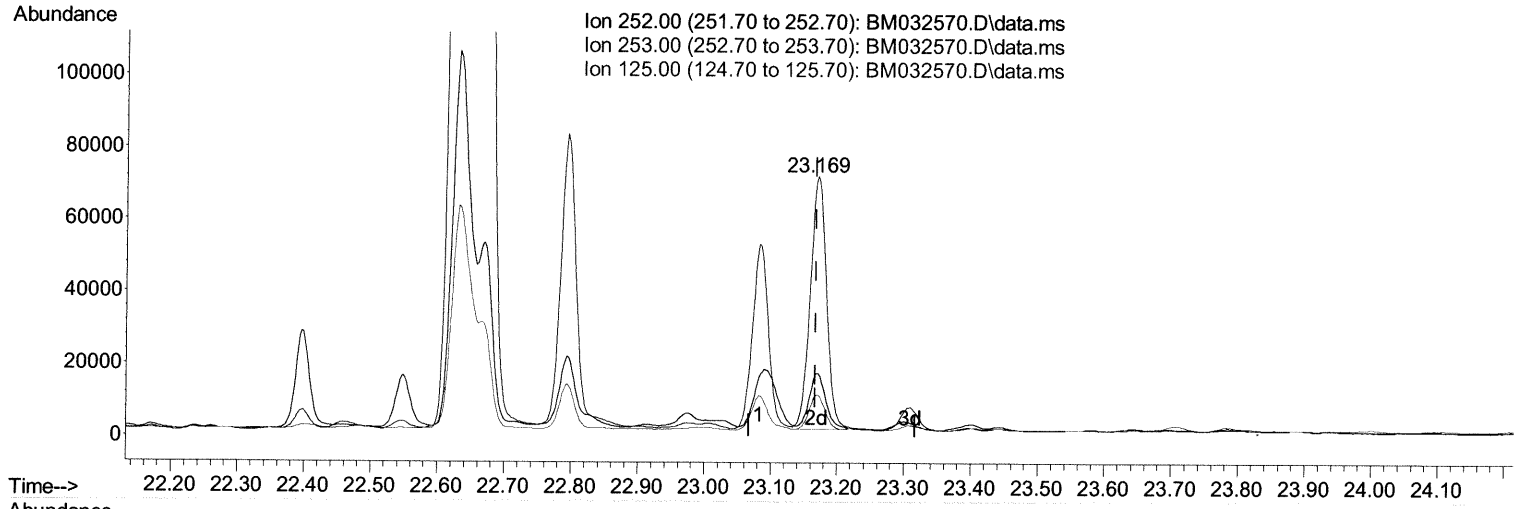
Quantitation Report (Qedit)

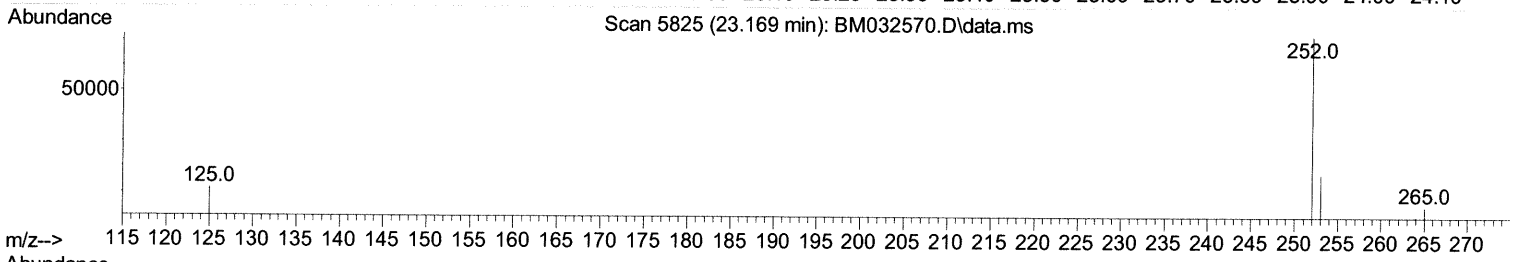
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

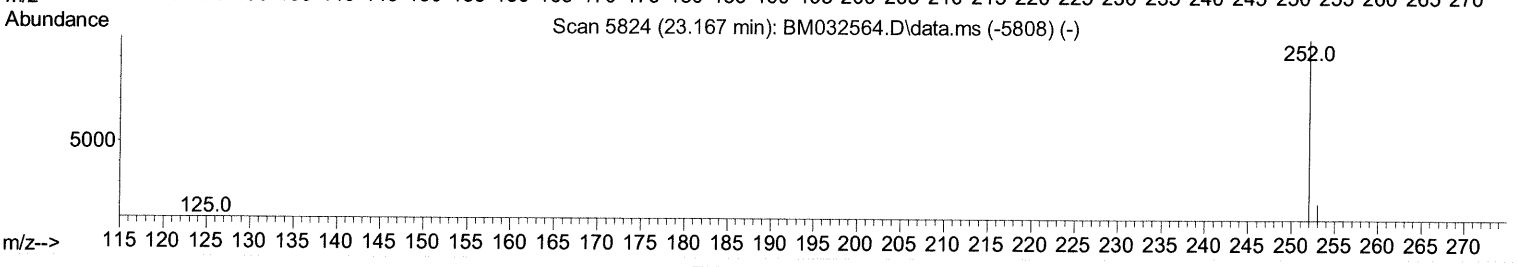
Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM







TIC: BM032570.D\data.ms

(26) Benzo(a)pyrene (C)

23.169min (+ 0.002) 2.33 ng/ul m 10/20/21 JU

response 119065

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.50	24.50
125.00	21.40	16.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 18 13:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AZ2

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:32 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5138	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	14888	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	7362	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	13077	0.400	ng/ul	0.00
17) Chrysene-d12	21.125	240	10449	0.400	ng/ul	# 0.00
23) Perylene-d12	23.264	264	13216	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	21107	3.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	4635	0.233	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	7729	0.235	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.384	128	227693	5.043	ng/ul	98
7) 2-Methylnaphthalene	12.008	142	175818	5.952	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	132403	4.539	ng/ul	100
10) Acenaphthylene	13.928	152	120214	3.825	ng/ul	98
11) Acenaphthene	14.270	153	5252	0.183	ng/ul#	93
12) Fluorene	15.256	166	8905	0.276	ng/ul#	64
14) Pentachlorophenol	16.616	266	429	0.128	ng/ul	96
15) Phenanthrene	16.984	178	164900	3.750	ng/ul	99
16) Anthracene	17.074	178	142202	3.681	ng/ul	99
19) Fluoranthene	19.000	202	372672	7.209	ng/ul	99
20) Pyrene	19.366	202	243650	4.584	ng/ul	98
21) Benzo(a)anthracene	21.111	228	266858	6.535	ng/ul	95
22) Chrysene	21.162	228	387814	8.632	ng/ul	98
24) Benzo(b)fluoranthene	22.631	252	887185m	14.530	ng/ul	
25) Benzo(k)fluoranthene	22.668	252	320117m	5.265	ng/ul	
26) Benzo(a)pyrene	23.169	252	119065m	2.326	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.364	276	207057	3.309	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.364	278	115048	2.331	ng/ul	99
29) Benzo(g,h,i)perylene	26.006	276	8650	0.159	ng/ul#	76

10/20/21 JU

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