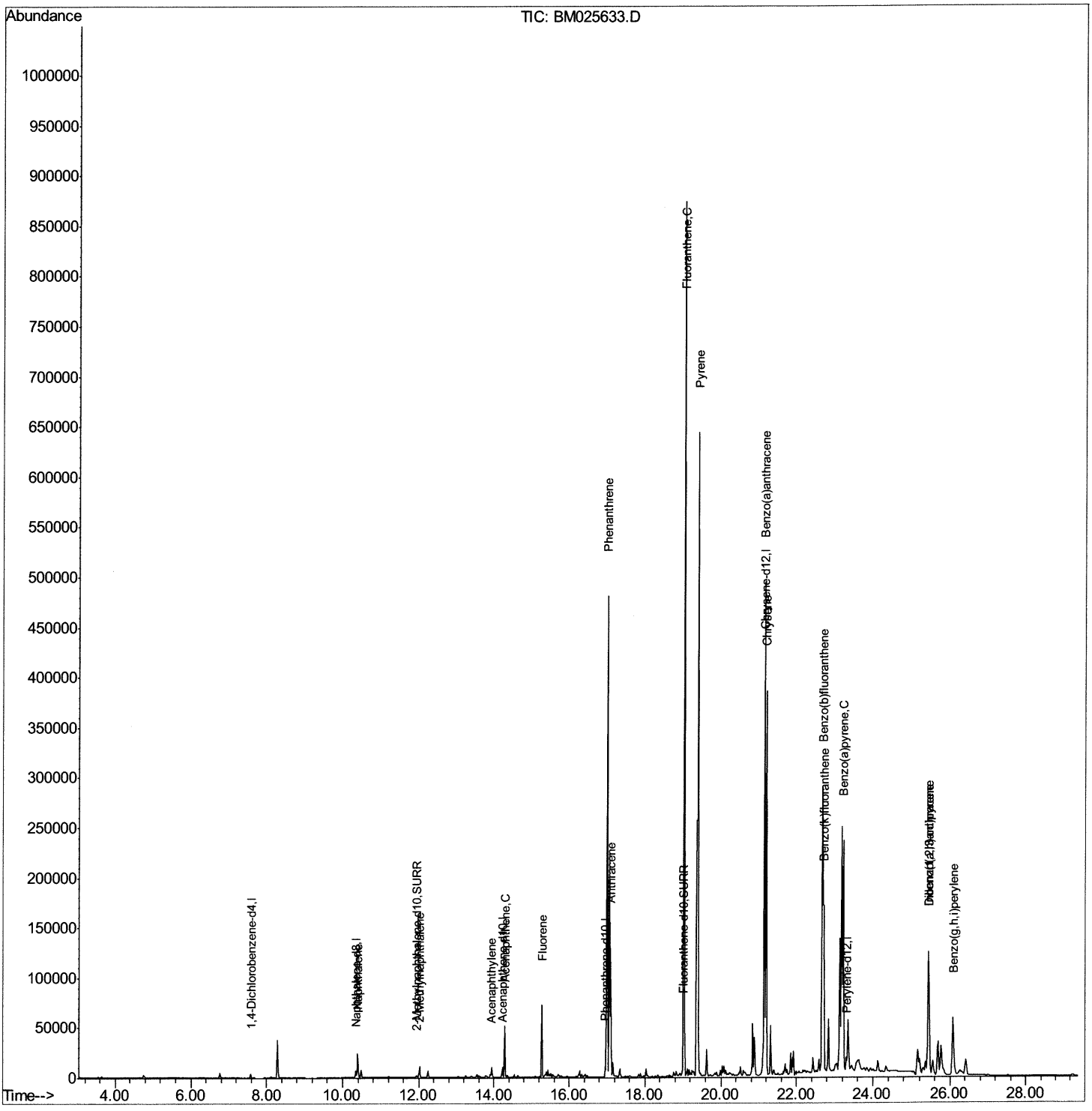
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 18:20:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM



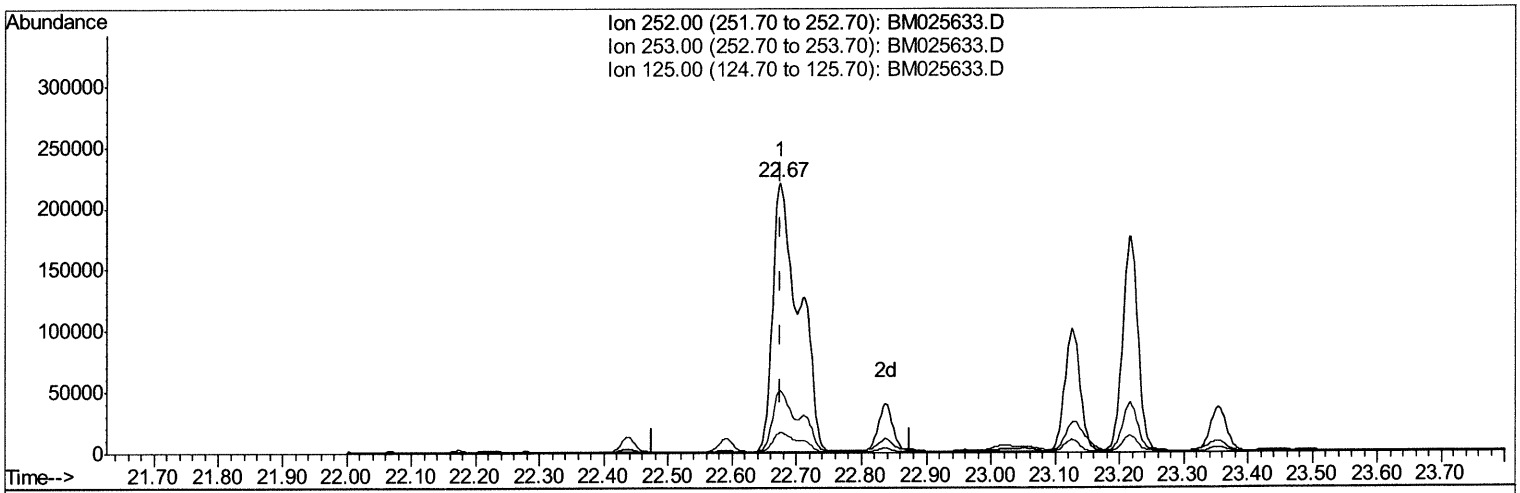
Quantitation Report (Qedit)

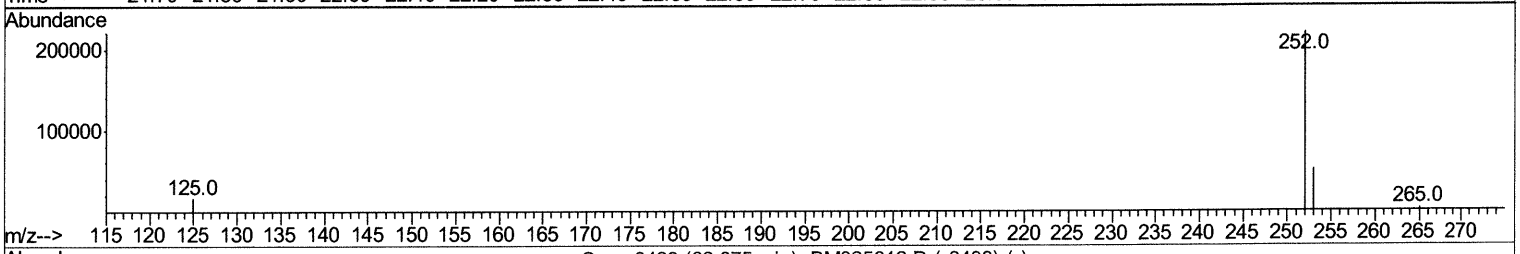
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

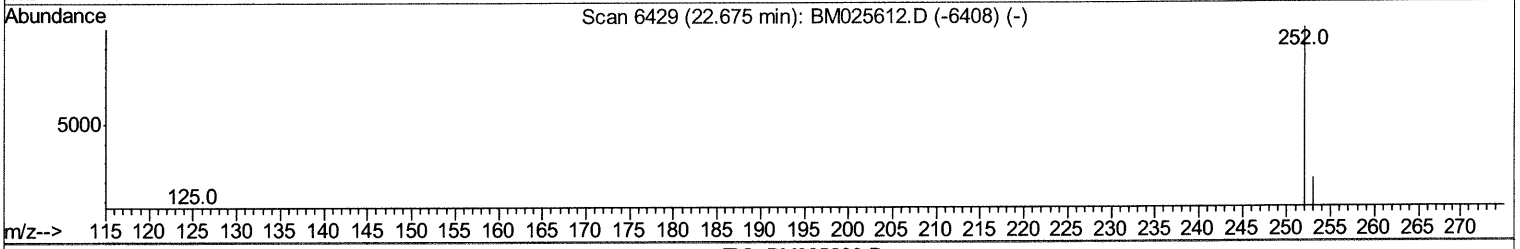
Quant Time: Mar 18 18:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM







TIC: BM025633.D

(21) Benzo(b)fluoranthene

22.674min (-0.000) 10.56ng/ul

response 623530

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.03
125.00	8.80	7.58
0.00	0.00	0.00

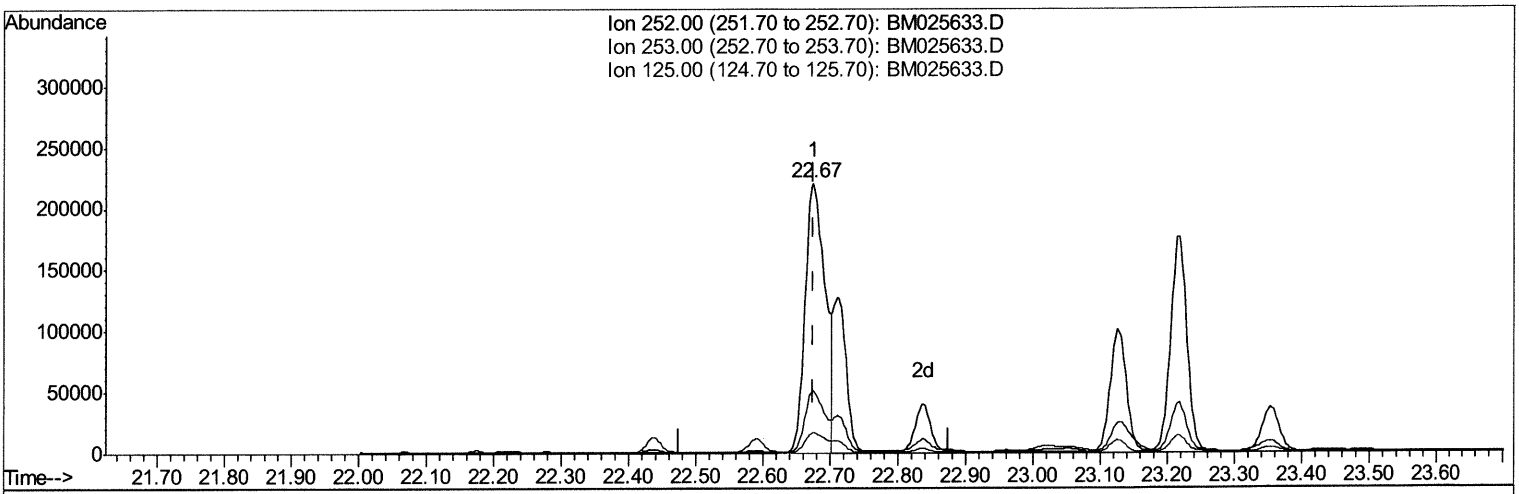
Quantitation Report (Qedit)

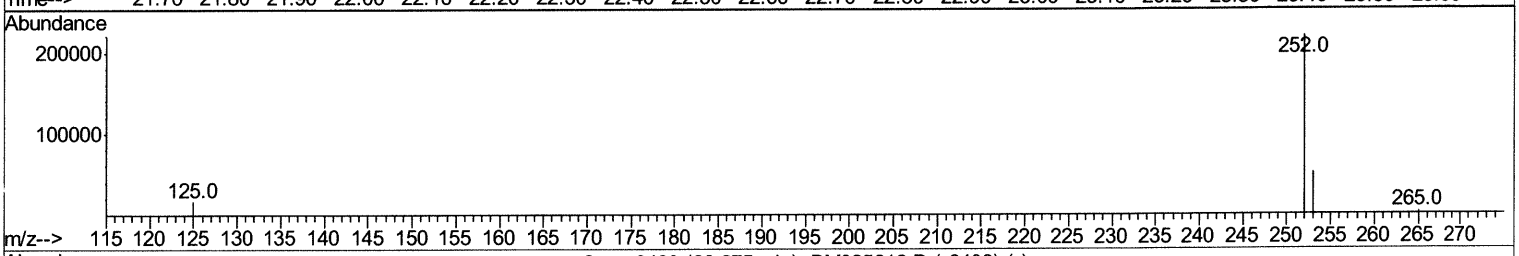
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

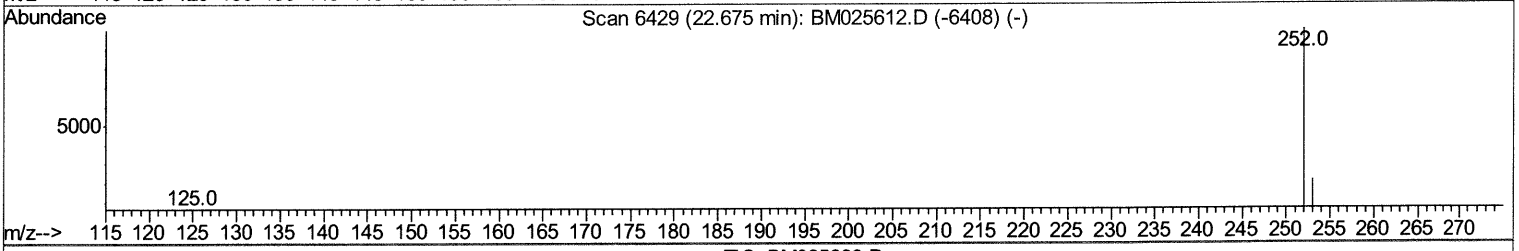
Quant Time: Mar 18 18:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM







TIC: BM025633.D

(21) Benzo(b)fluoranthene

22.674min (-0.000) 7.63ng/ul m Jw 03/20/20

response 451007

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.03
125.00	8.80	7.58
0.00	0.00	0.00

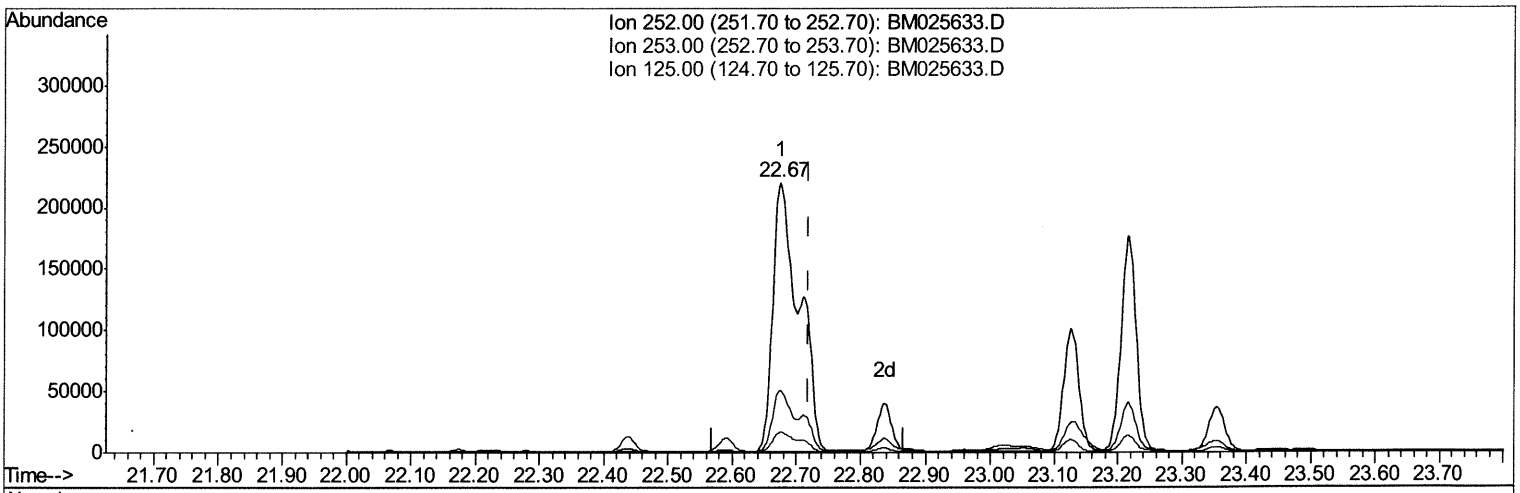
Quantitation Report (Qedit)

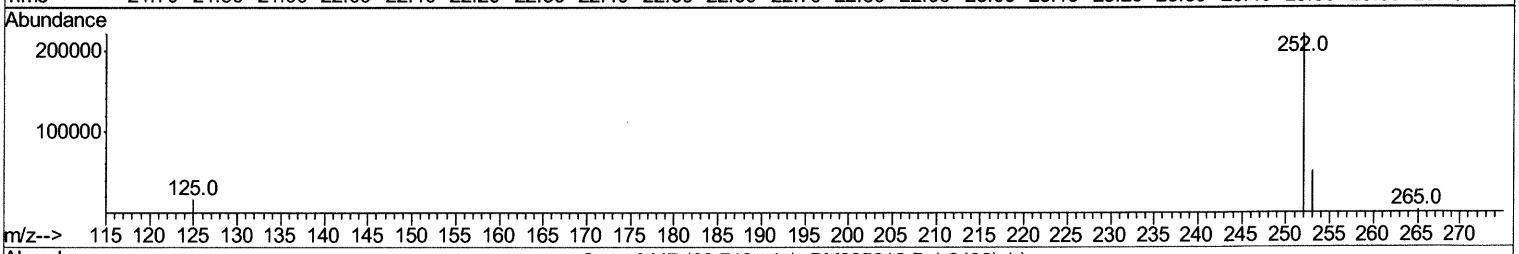
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

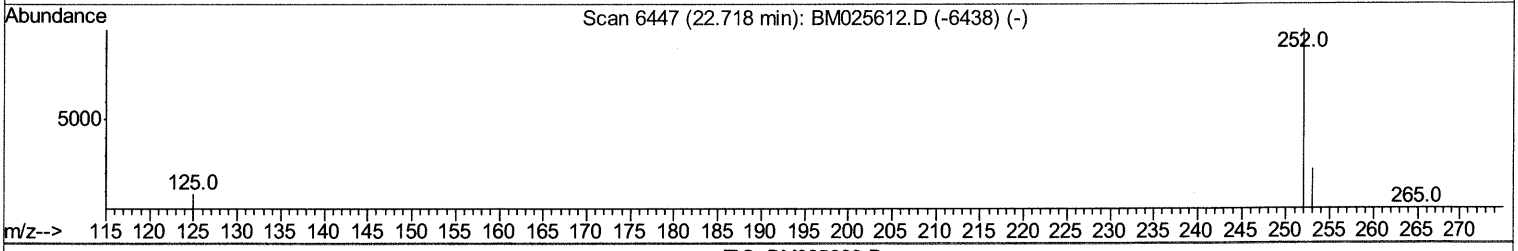
Quant Time: Mar 18 18:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM







TIC: BM025633.D

(22) Benzo(k)fluoranthene

22.674min (-0.044) 10.07ng/ul

response 623530

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.03
125.00	8.90	7.58
0.00	0.00	0.00

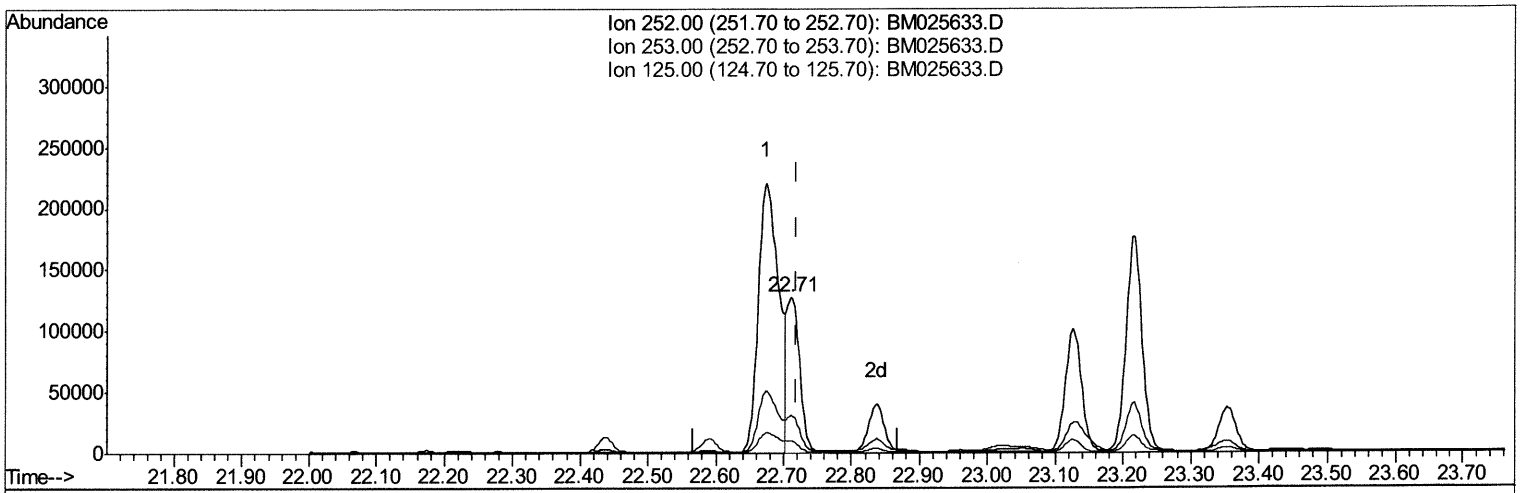
Quantitation Report (Qedit)

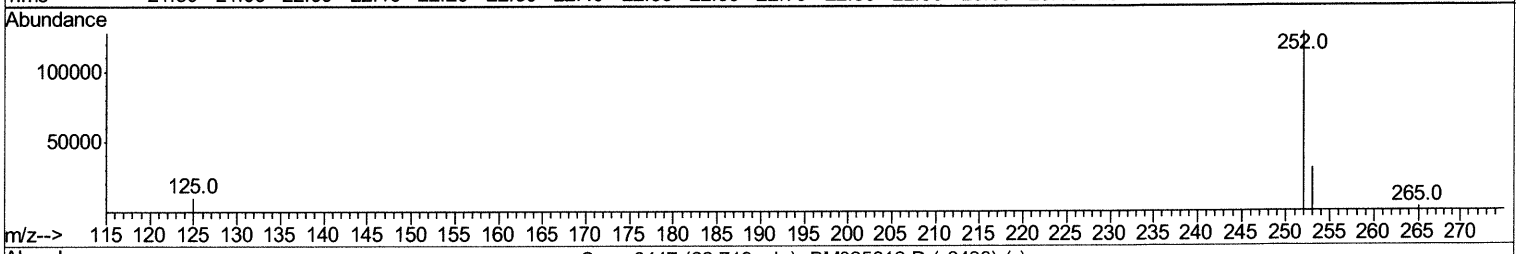
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

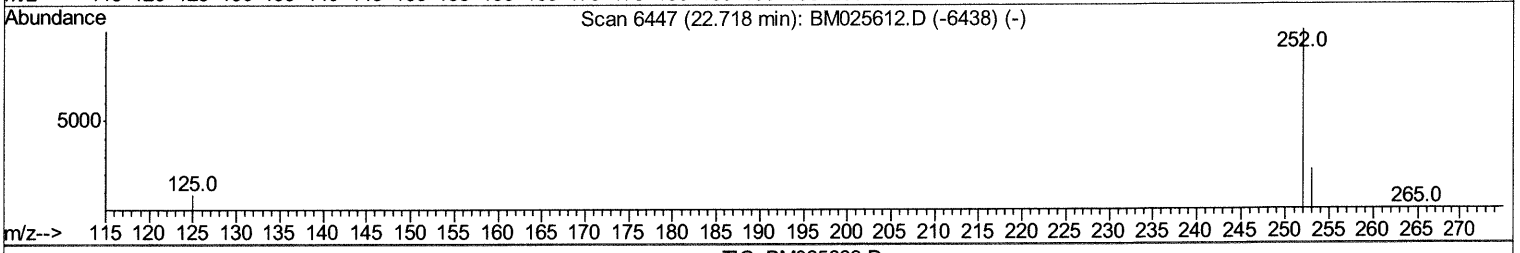
Quant Time: Mar 18 18:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM







TIC: BM025633.D

(22) Benzo(k)fluoranthene

22.711min (-0.008) 2.87ng/ul m JG 03/20/20

response 177754

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.00
125.00	8.90	7.96
0.00	0.00	0.00

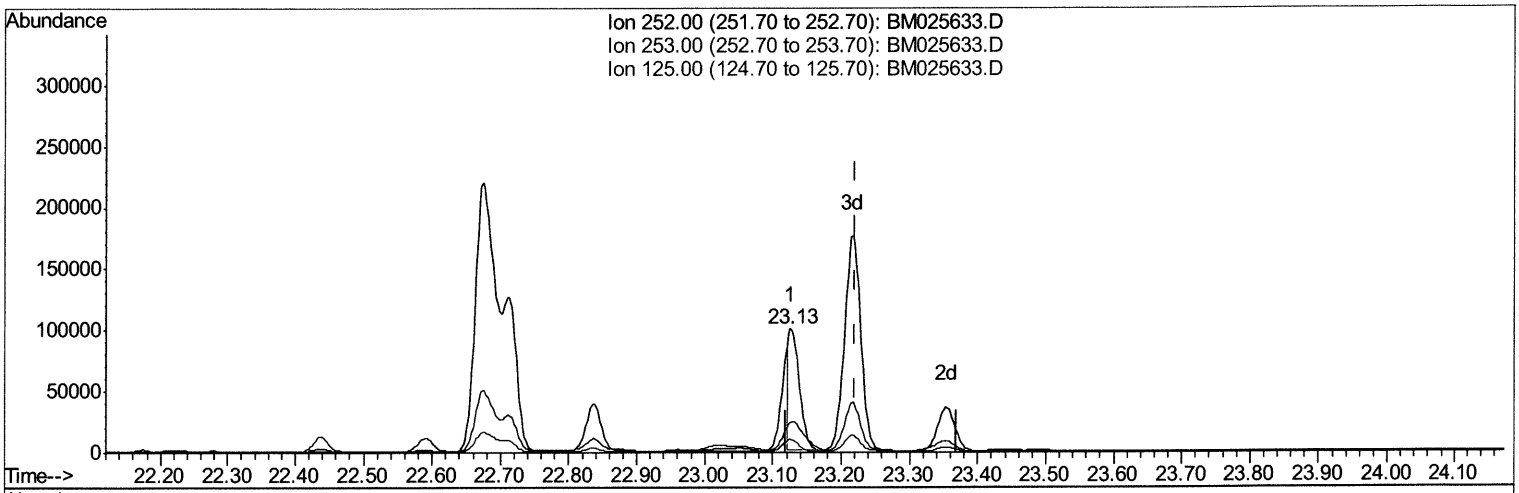
Quantitation Report (Qedit)

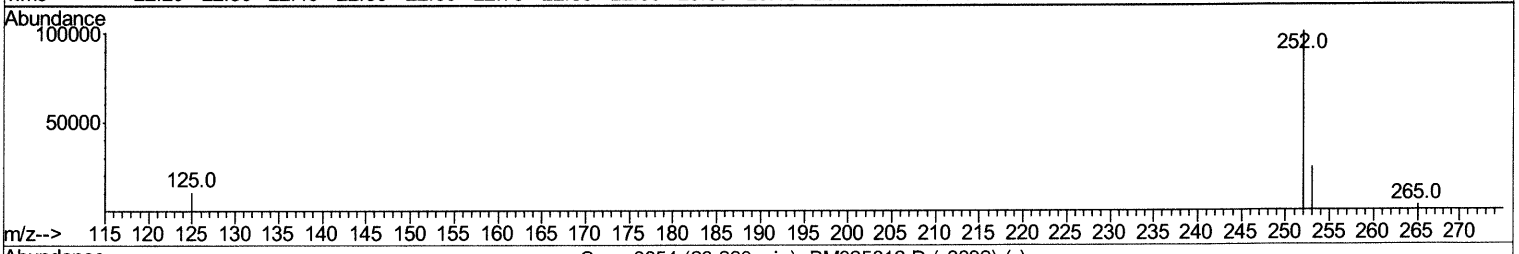
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

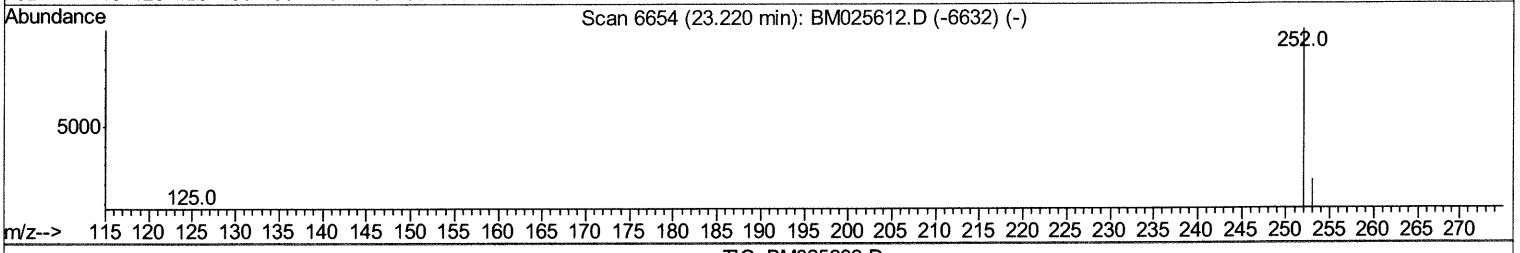
Quant Time: Mar 18 18:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM







TIC: BM025633.D

(23) Benzo(a)pyrene (C)

23.125min (-0.095) 2.29ng/ul

response 112546

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.31
125.00	10.60	10.52
0.00	0.00	0.00

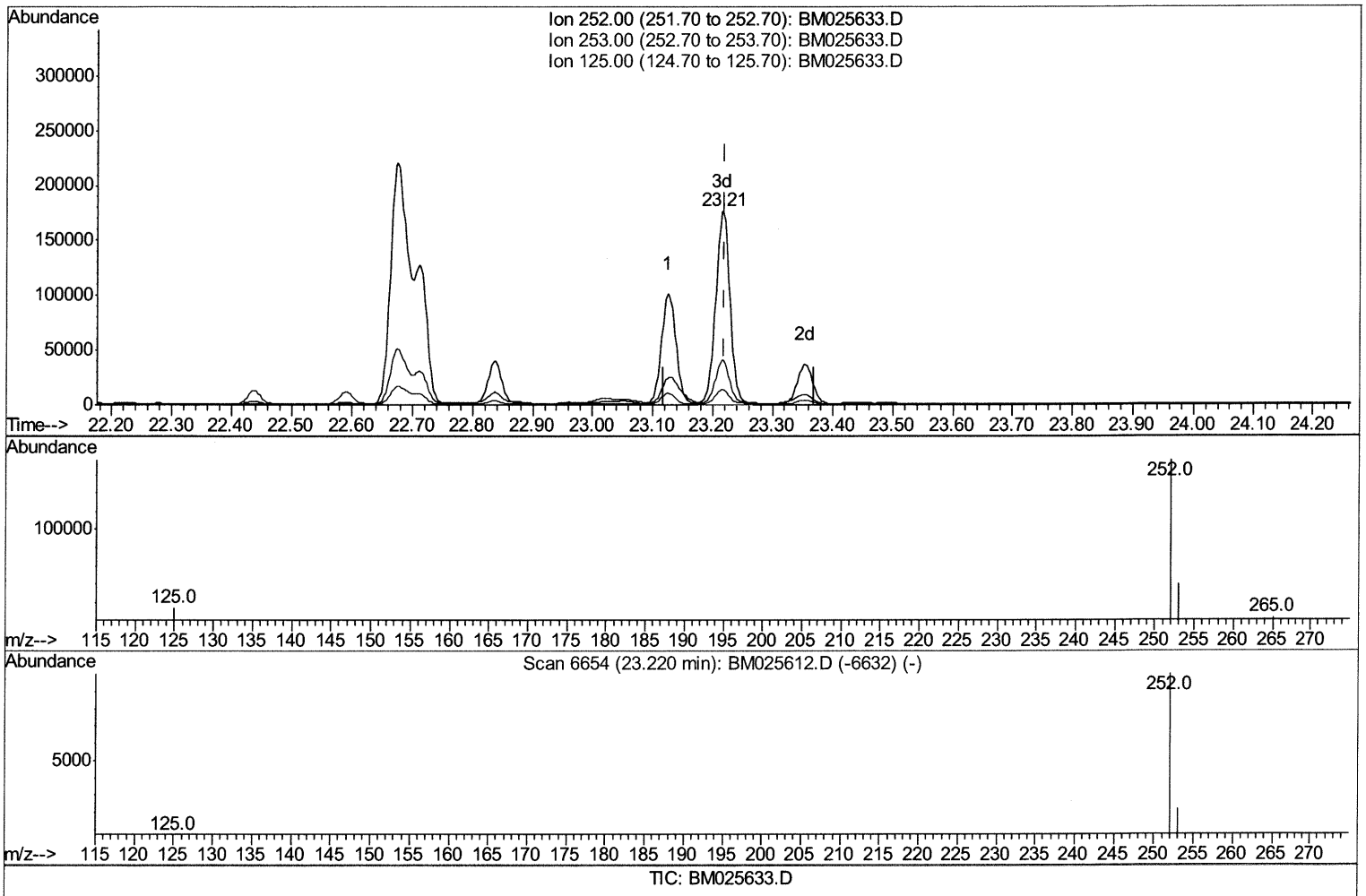
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 18:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM



TIC: BM025633.D

(23) Benzo(a)pyrene (C)

23.215min (-0.005) 6.11ng/ul m JA 03/20/20

response 299951

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.85
125.00	10.60	7.96#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\
Data File : BM025633.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED
mohammad
3/19/2020 12:35:43 PM

Quant Time: Mar 18 18:20:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2235	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9036	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5687	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12885	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	13396	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	14918	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3111	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	8209	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	31176	1.165	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	7765	0.406	ng/ul	100
7) Acenaphthylene	13.94	152	11903	0.512	ng/ul#	87
8) Acenaphthene	14.28	153	28724	1.409	ng/ul	99
9) Fluorene	15.27	166	43697	1.760	ng/ul	100
12) Phenanthrene	17.01	178	484472	11.865	ng/ul	99
13) Anthracene	17.10	178	131749	3.708	ng/ul	99
15) Fluoranthene	19.02	202	743498	16.796	ng/ul	97
17) Pyrene	19.39	202	562605	9.357	ng/ul	98
18) Benzo(a)anthracene	21.14	228	394896	8.245	ng/ul	99
19) Chrysene	21.19	228	344125	6.398	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	451007m	7.635	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	177754m	2.872	ng/ul	JU03/20/20
23) Benzo(a)pyrene	23.21	252	299951m	6.115	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.43	276	184596	2.774	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	58933	1.053	ng/ul	98
26) Benzo(g,h,i)perylene	26.08	276	120523	2.088	ng/ul	98

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