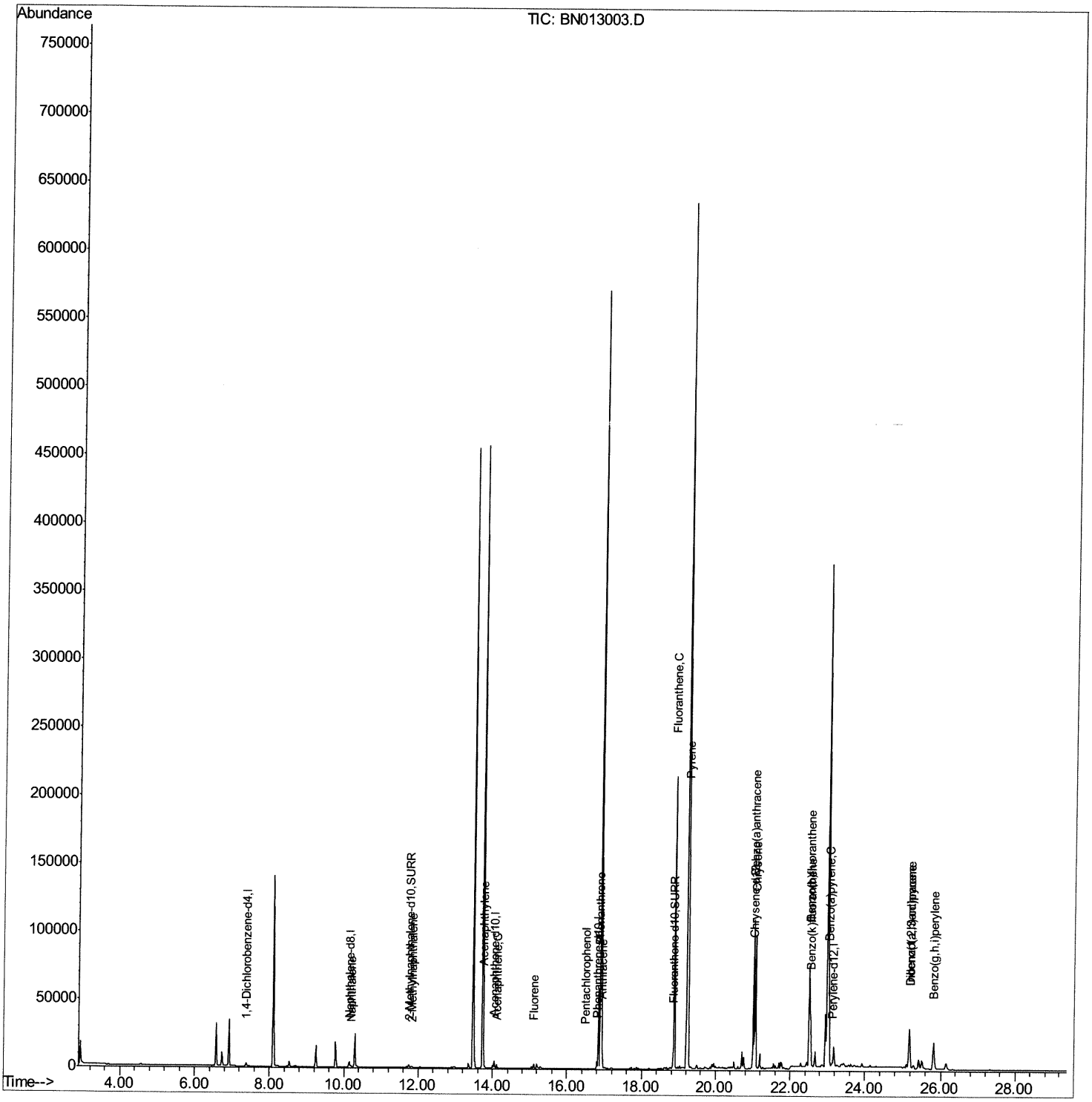
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Dec 09 09:42:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM



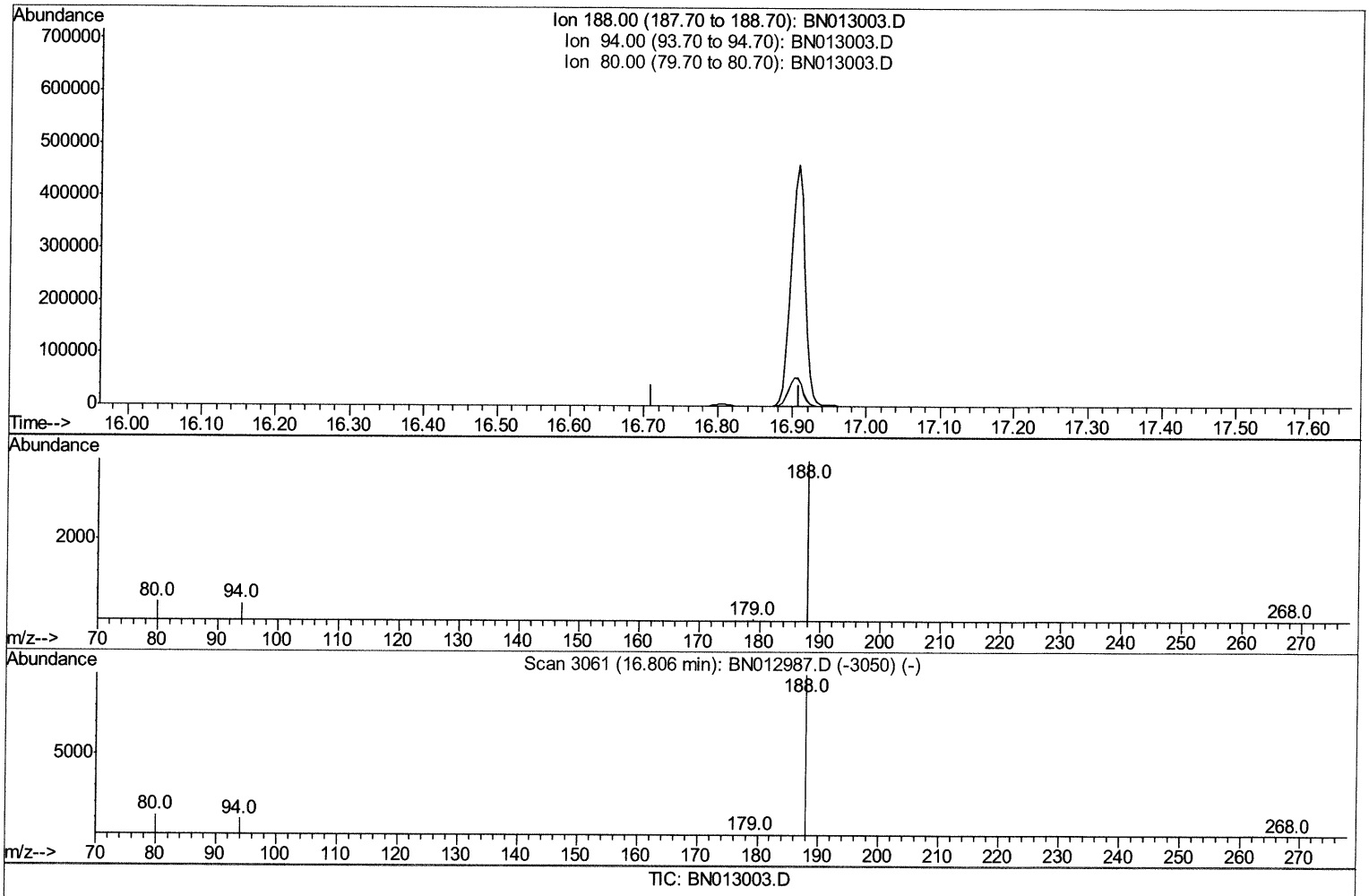
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Dec 09 09:32:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM



TIC: BN013003.D

(10) Phenanthrene-d10 (I)

16.810min (-16.810) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.40	0.00#
80.00	12.40	0.00#
0.00	0.00	0.00

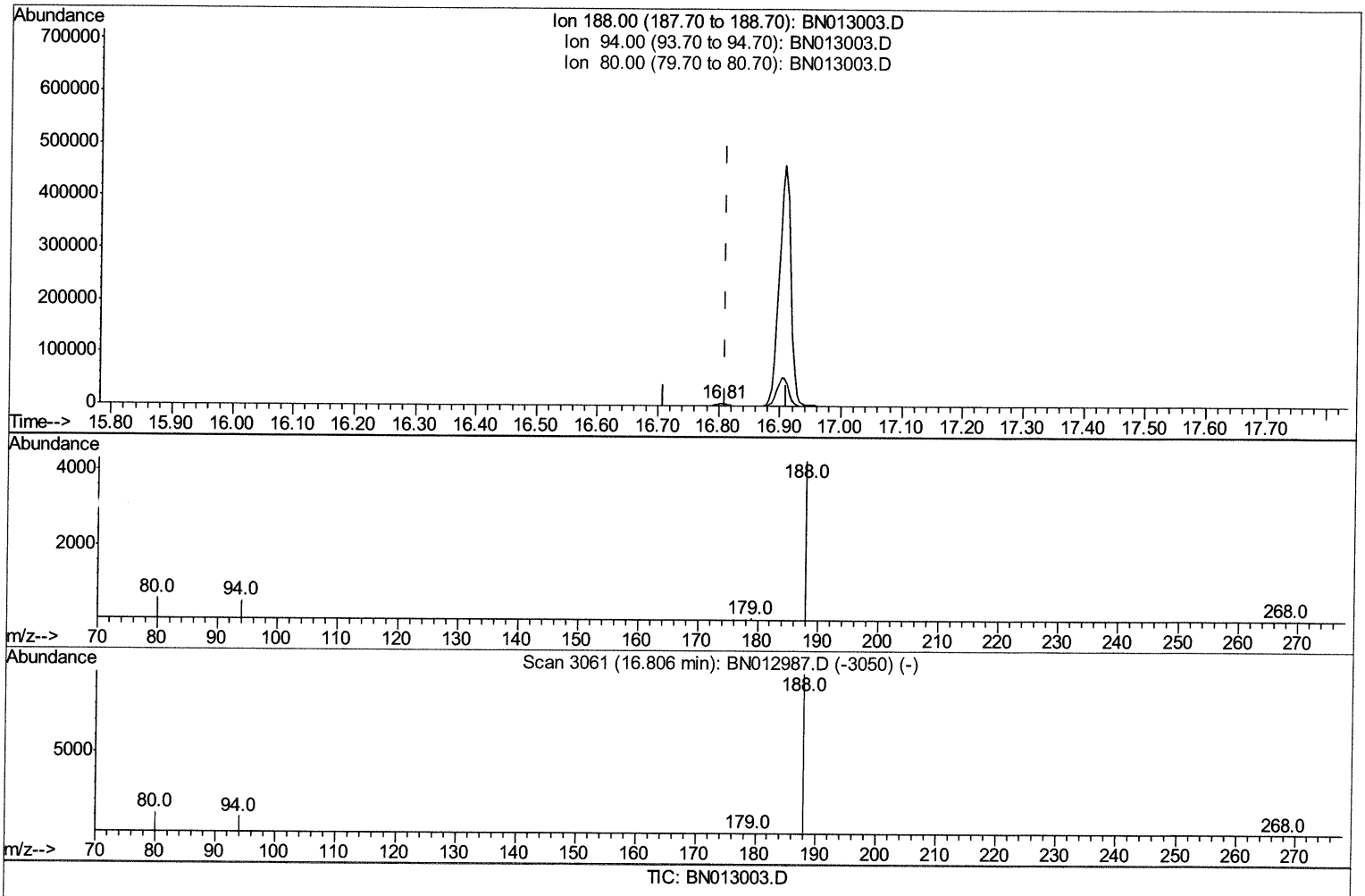
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Dec 09 09:32:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM



TIC: BN013003.D

(10) Phenanthrene-d10 (I)

16.806min (-0.005) 0.40ng/ul m 12/10/20 JU

response 5896

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	12.12
80.00	12.40	13.65
0.00	0.00	0.00

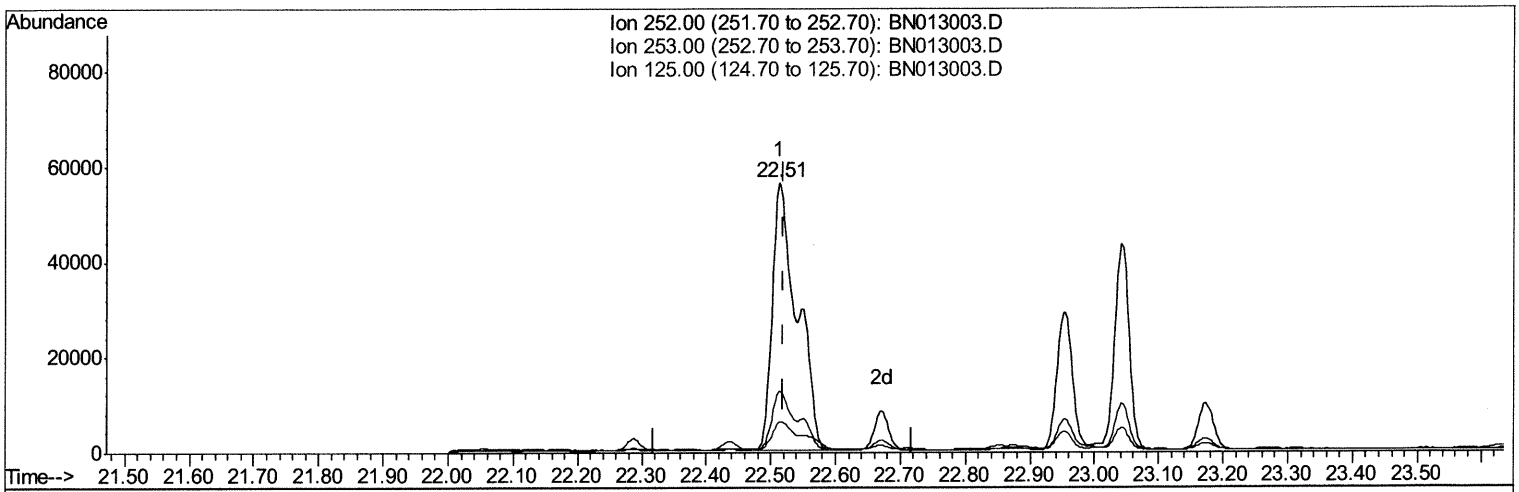
Quantitation Report (Qedit)

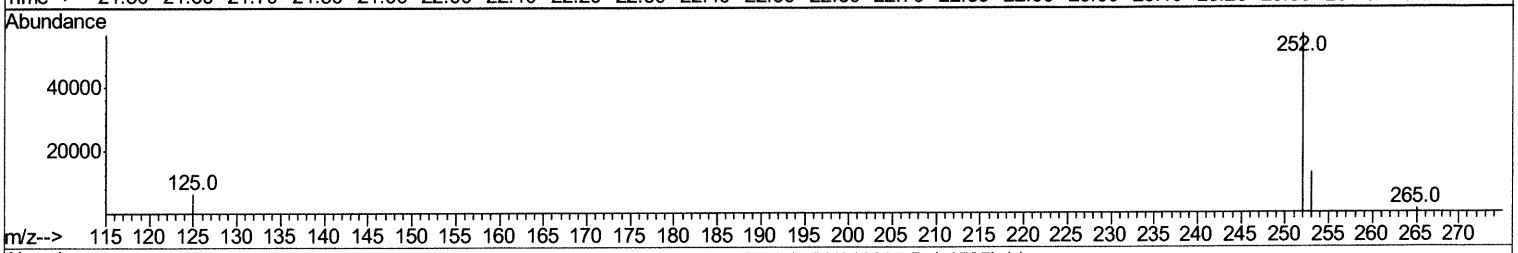
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

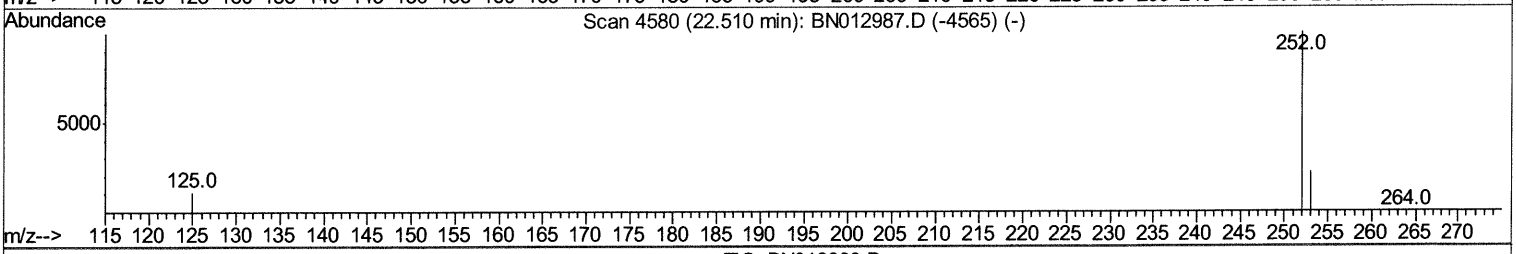
Quant Time: Dec 09 09:41:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM







TIC: BN013003.D

(21) Benzo(b)fluoranthene

22.512min (-0.006) 9.39ng/ul

response 150441

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.90
125.00	13.00	11.16
0.00	0.00	0.00

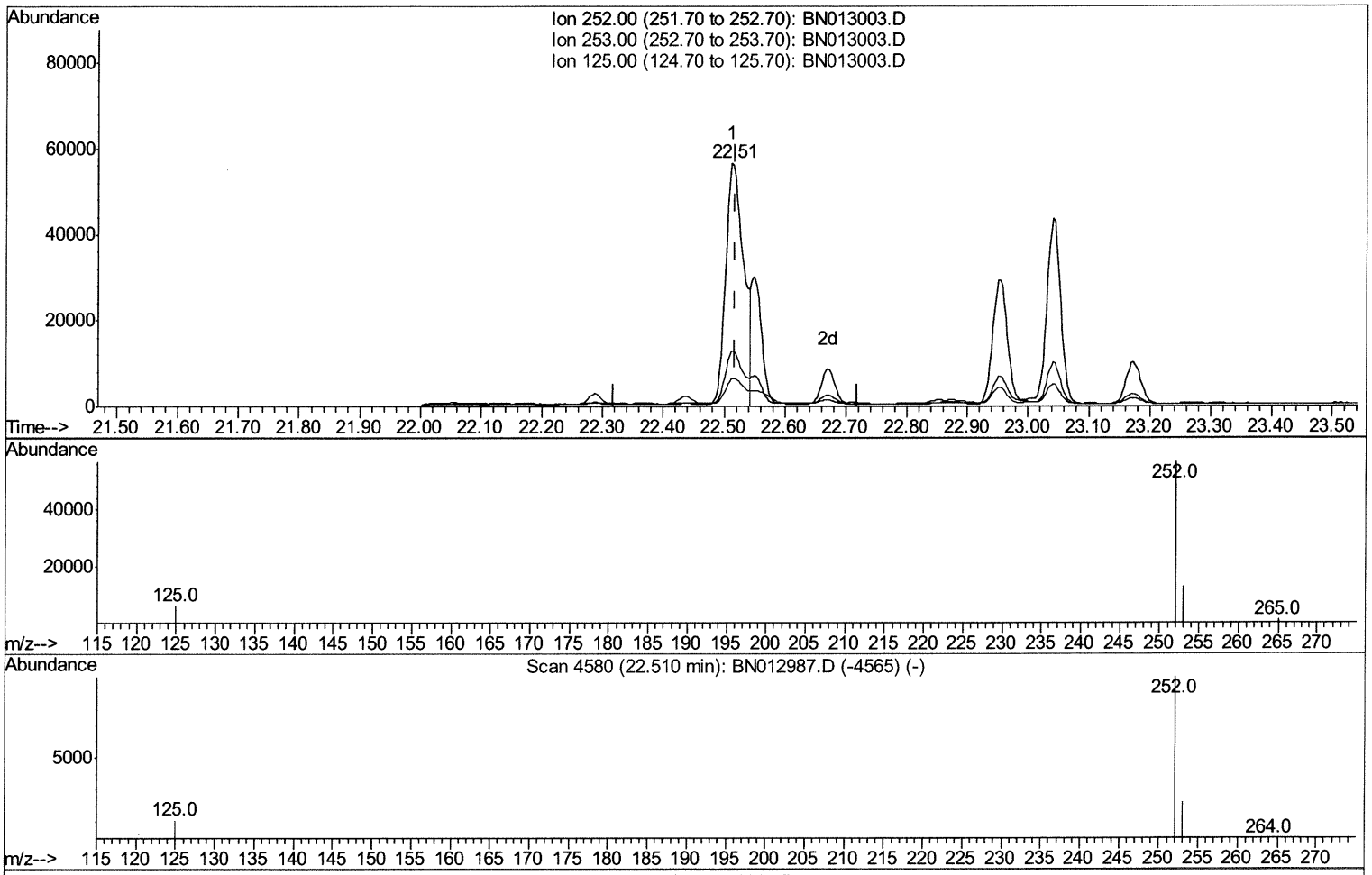
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Dec 09 09:41:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM



TIC: BN013003.D

(21) Benzo(b)fluoranthene

22.512min (-0.006) 7.25ng/ul m 12/6/2014

response 116228

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.90
125.00	13.00	11.16
0.00	0.00	0.00

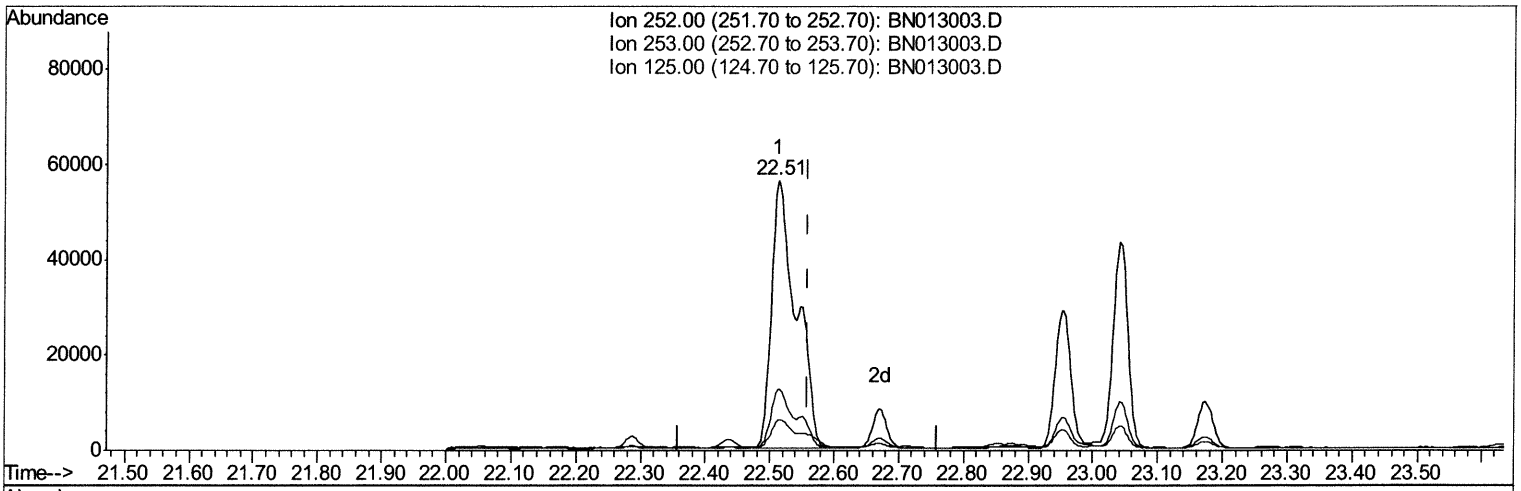
Quantitation Report (Qedit)

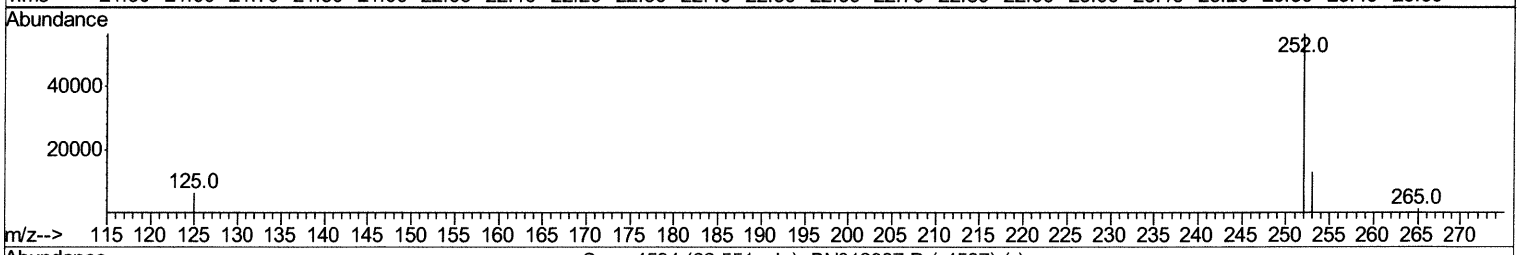
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

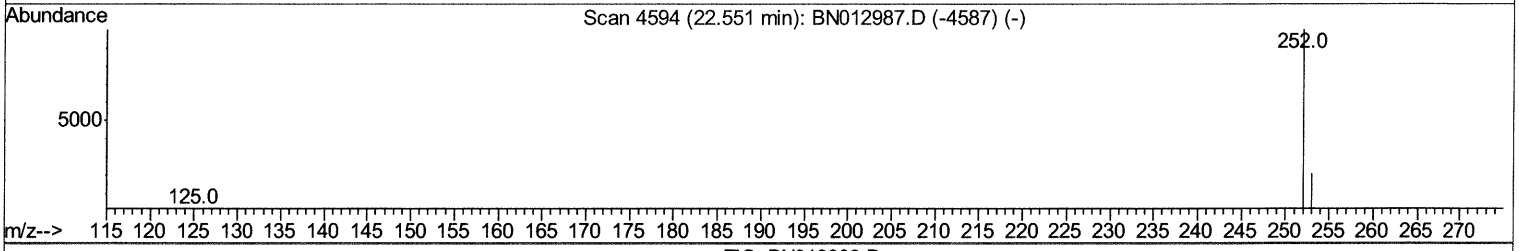
Quant Time: Dec 09 09:41:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM







TIC: BN013003.D

(22) Benzo(k)fluoranthene

22.512min (-0.047) 8.49ng/ul

response 150441

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	22.90#
125.00	13.90	11.16
0.00	0.00	0.00

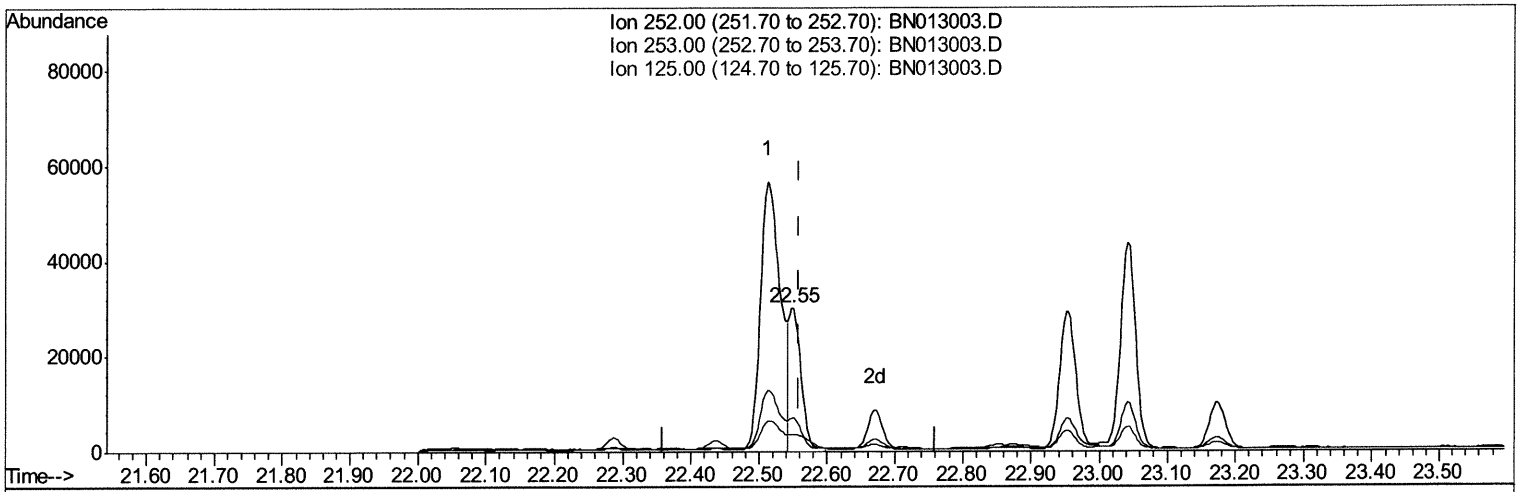
Quantitation Report (Qedit)

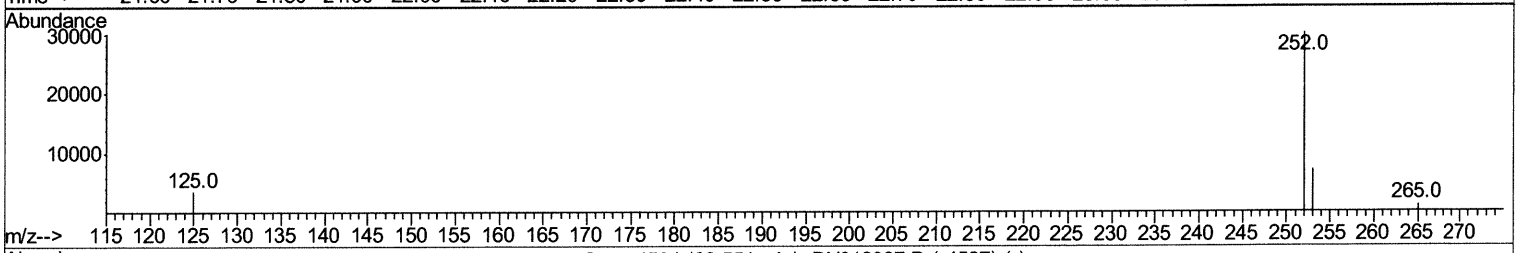
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

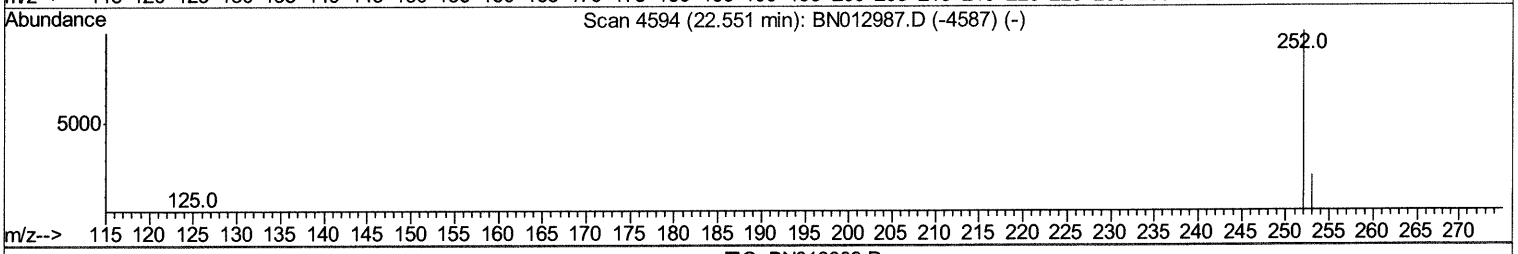
Quant Time: Dec 09 09:41:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM







TIC: BN013003.D

(22) Benzo(k)fluoranthene

22.547min (-0.012) 2.12ng/ul m 12/10/2020

response 37532

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.51
125.00	13.90	12.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013003.D
Acq On : 09 Dec 2020 08:53
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BH4

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:05 PM

Quant Time: Dec 09 09:42:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1197	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4879	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2864	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5896m >	0.40	ng/ul >	0.00 12/10/2020
16) Chrysene-d12	21.03	240	4192	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3464	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2886	0.40	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	5817	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	1590	0.113	ng/ul	97
5) 2-Methylnaphthalene	11.82	142	675	0.073	ng/ul	99
7) Acenaphthylene	13.76	152	1652	0.122	ng/ul	95
8) Acenaphthene	14.11	153	1630	0.147	ng/ul	100
9) Fluorene	15.11	166	2039	0.160	ng/ul	96
11) Pentachlorophenol	16.47	266	88	0.052	ng/ul	95
12) Phenanthrene	16.85	178	58507	2.960	ng/ul	96
13) Anthracene	16.94	178	12175	0.724	ng/ul	95
15) Fluoranthene	18.88	202	174147	7.413	ng/ul	99
17) Pyrene	19.25	202	144285	7.287	ng/ul	97
18) Benzo(a)anthracene	21.01	228	84916	4.896	ng/ul	99
19) Chrysene	21.07	228	91861	4.794	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	116228m }	7.253	ng/ul }	12/10/2020
22) Benzo(k)fluoranthene	22.55	252	37532m }	2.119	ng/ul }	
23) Benzo(a)pyrene	23.04	252	68912	4.634	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.18	276	41808	2.140	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	11861	0.768	ng/ul#	94
26) Benzo(g,h,i)perylene	25.81	276	38068	2.155	ng/ul	97

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