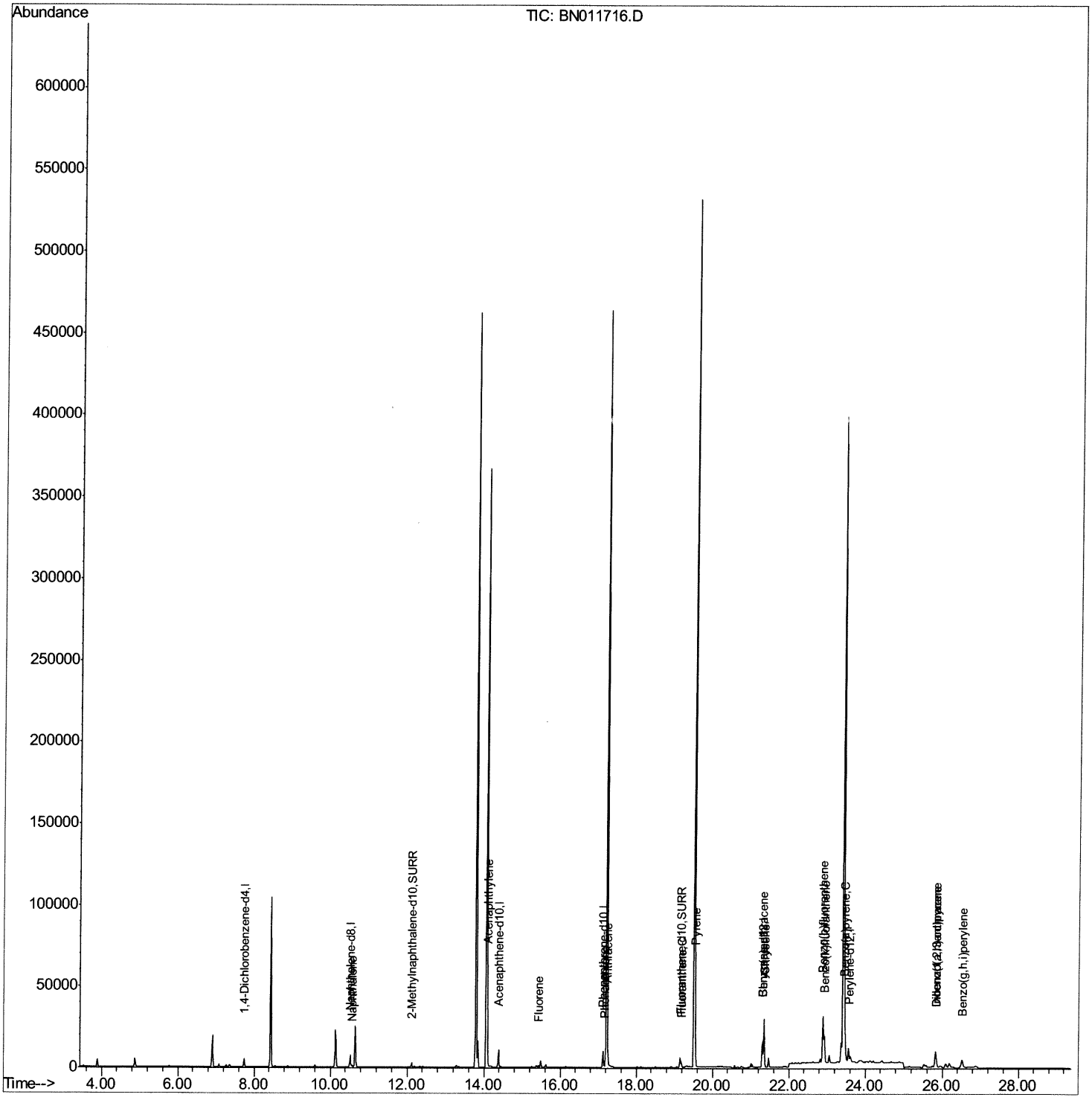
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 06:04:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM



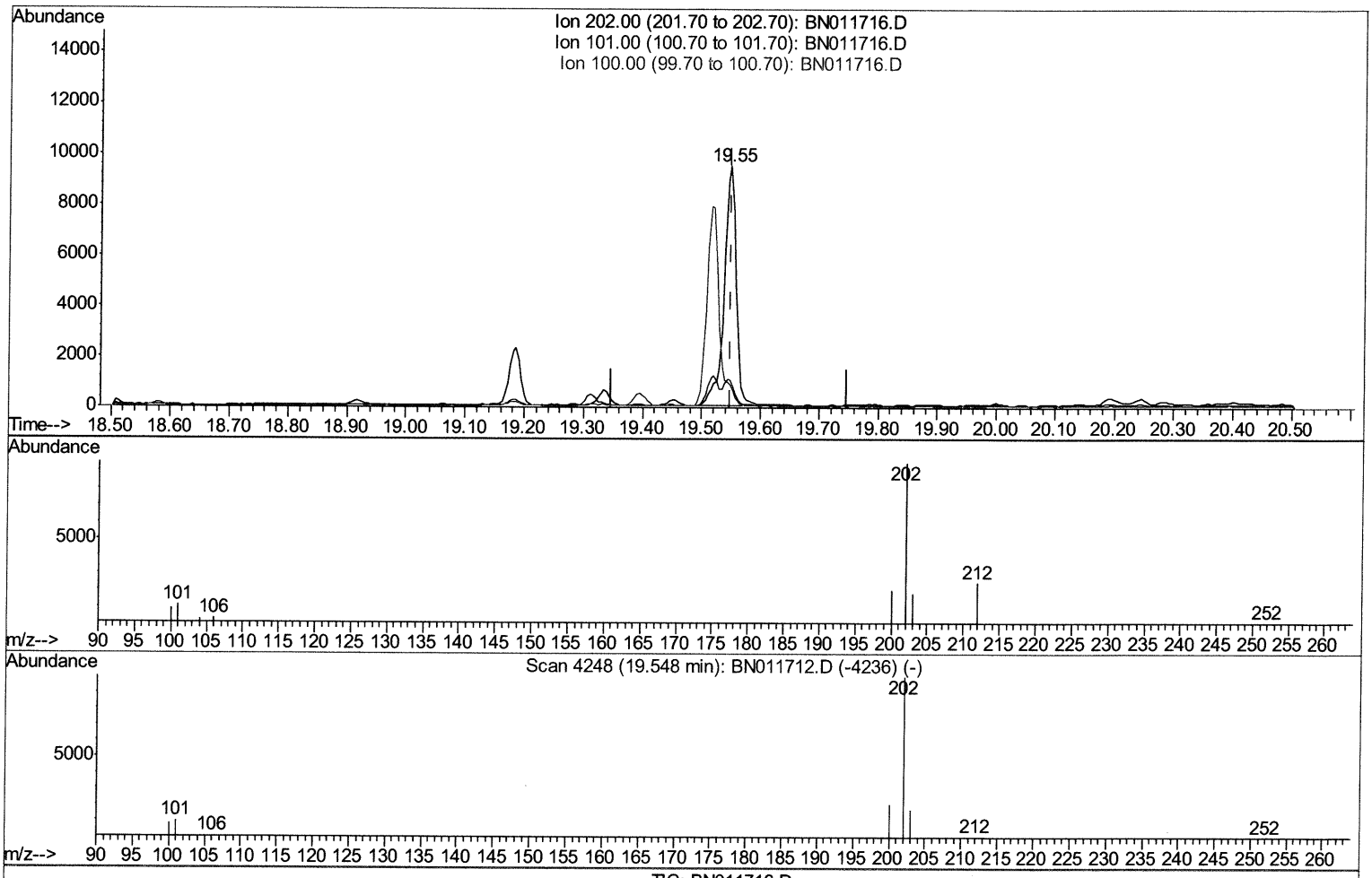
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 06:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM



TIC: BN011716.D

(17) Pyrene

19.548min (+0.000) 0.32ng/ul

response 13553

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	11.27#
100.00	8.40	9.63
0.00	0.00	0.00

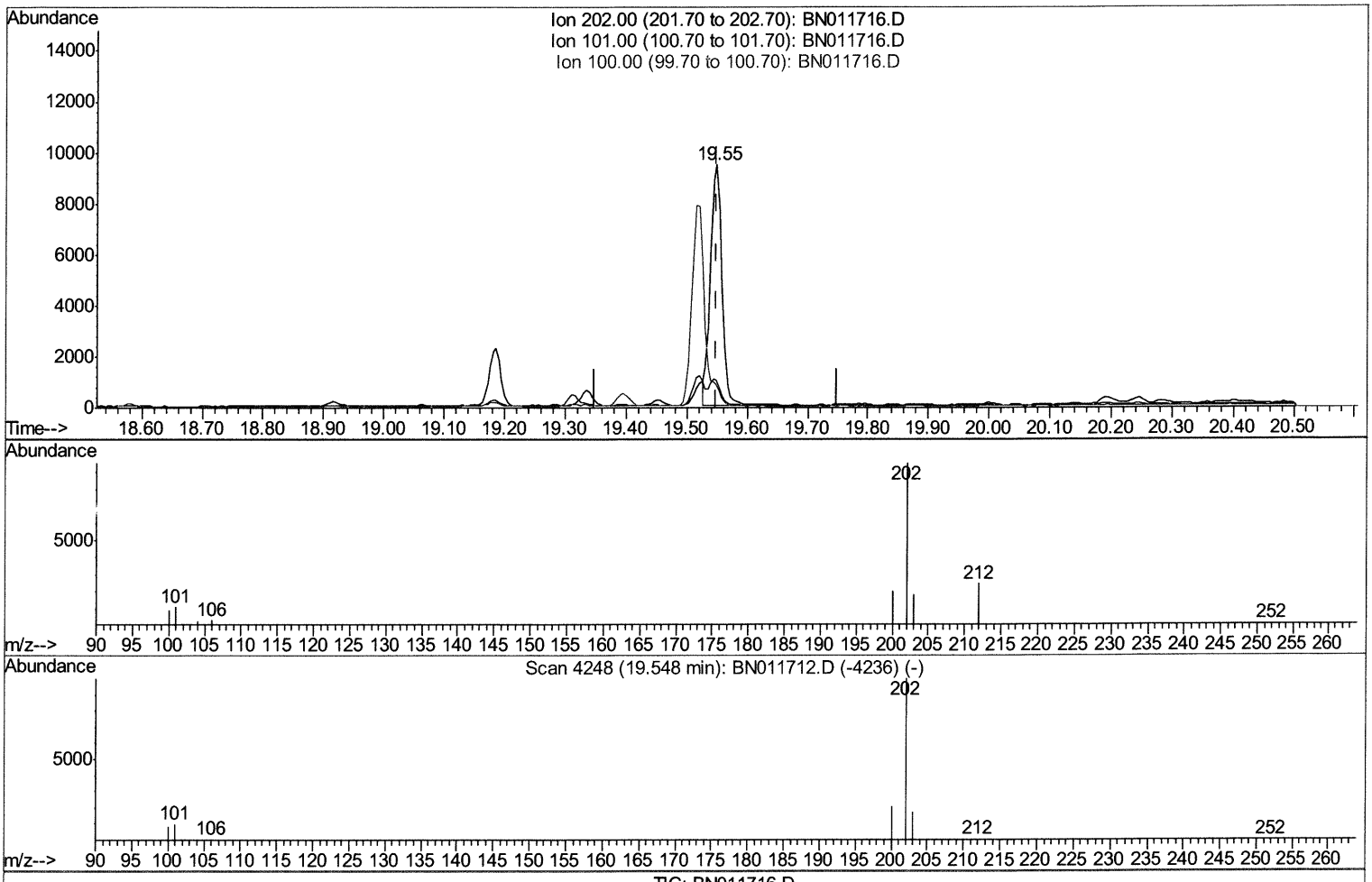
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 06:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM



TIC: BN011716.D

(17) Pyrene

19.548min (+0.000) 0.30ng/ul m 09/09/20 JU

response 12747

Ion	Exp%	Act%
202.00	100	100
101.00	9.10	11.27#
100.00	8.40	9.63
0.00	0.00	0.00

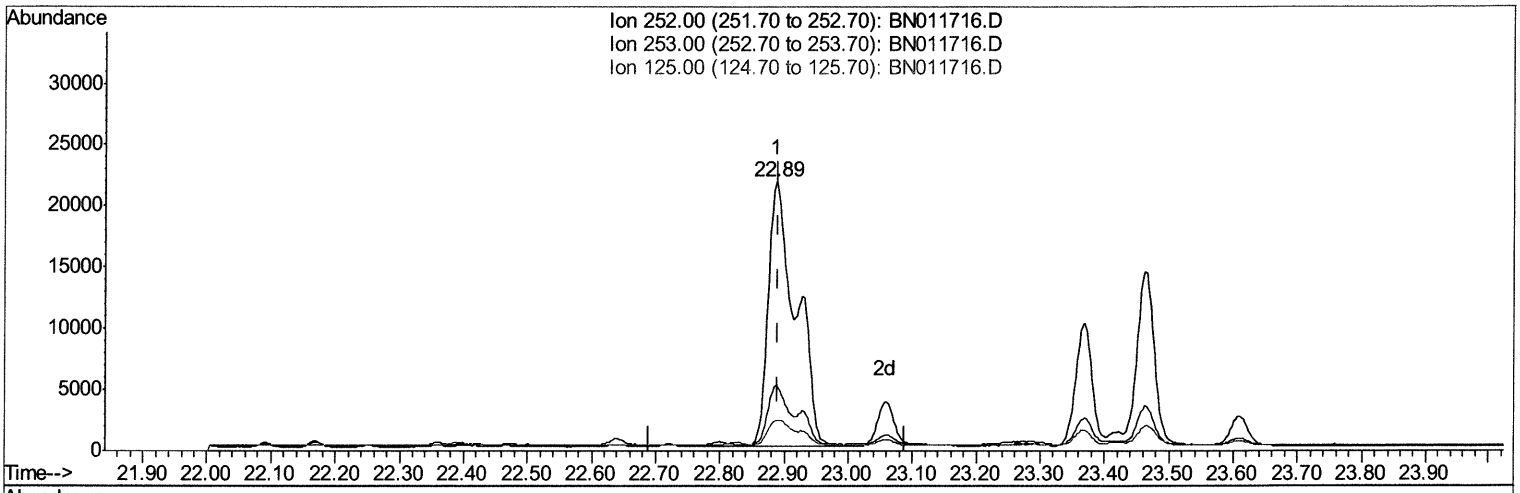
Quantitation Report (Qedit)

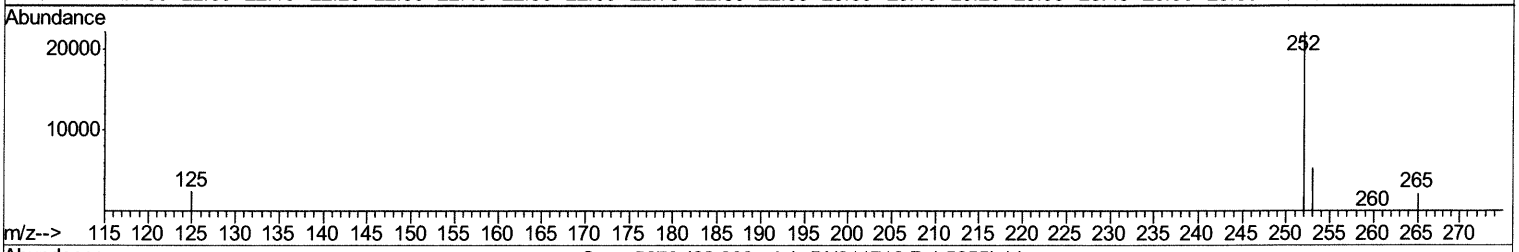
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

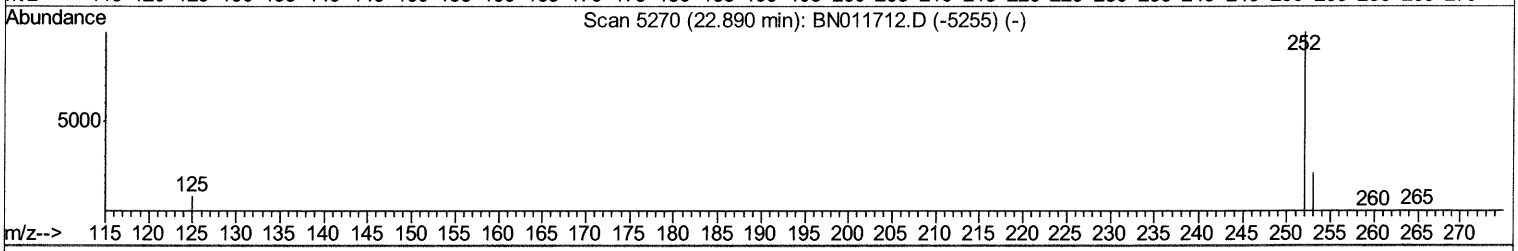
Quant Time: Sep 05 06:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM







TIC: BN011716.D

(21) Benzo(b)fluoranthene

22.887min (-0.003) 1.39ng/ul

response 65482

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	24.47
125.00	11.10	11.23
0.00	0.00	0.00

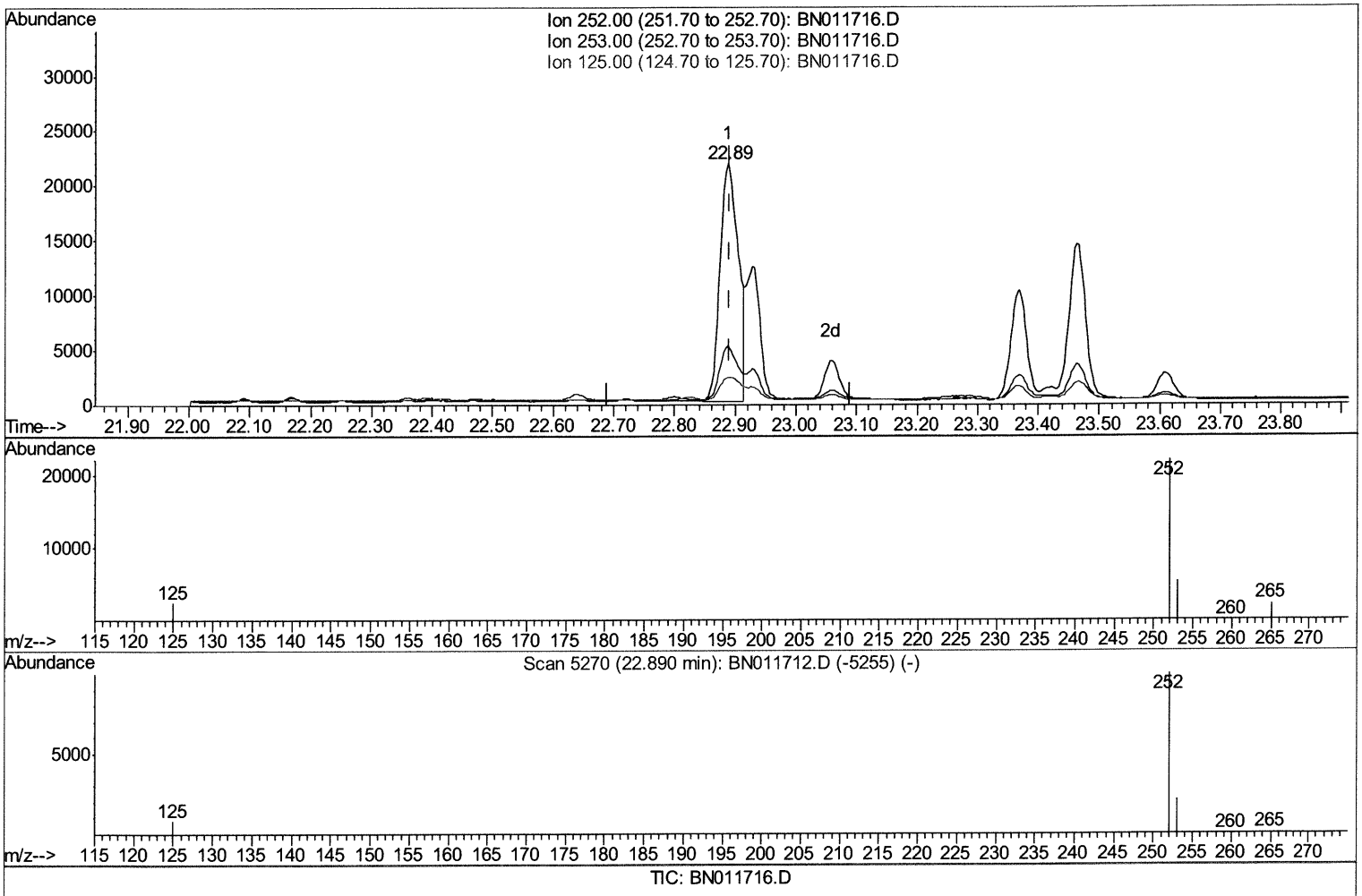
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 06:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM



TIC: BN011716.D

(21) Benzo(b)fluoranthene

22.887min (-0.003) 0.97ng/ul m 09/09/20 JY

response 45526

Ion	Exp%	Act%
252.00	100	100
253.00	27.40	24.47
125.00	11.10	11.23
0.00	0.00	0.00

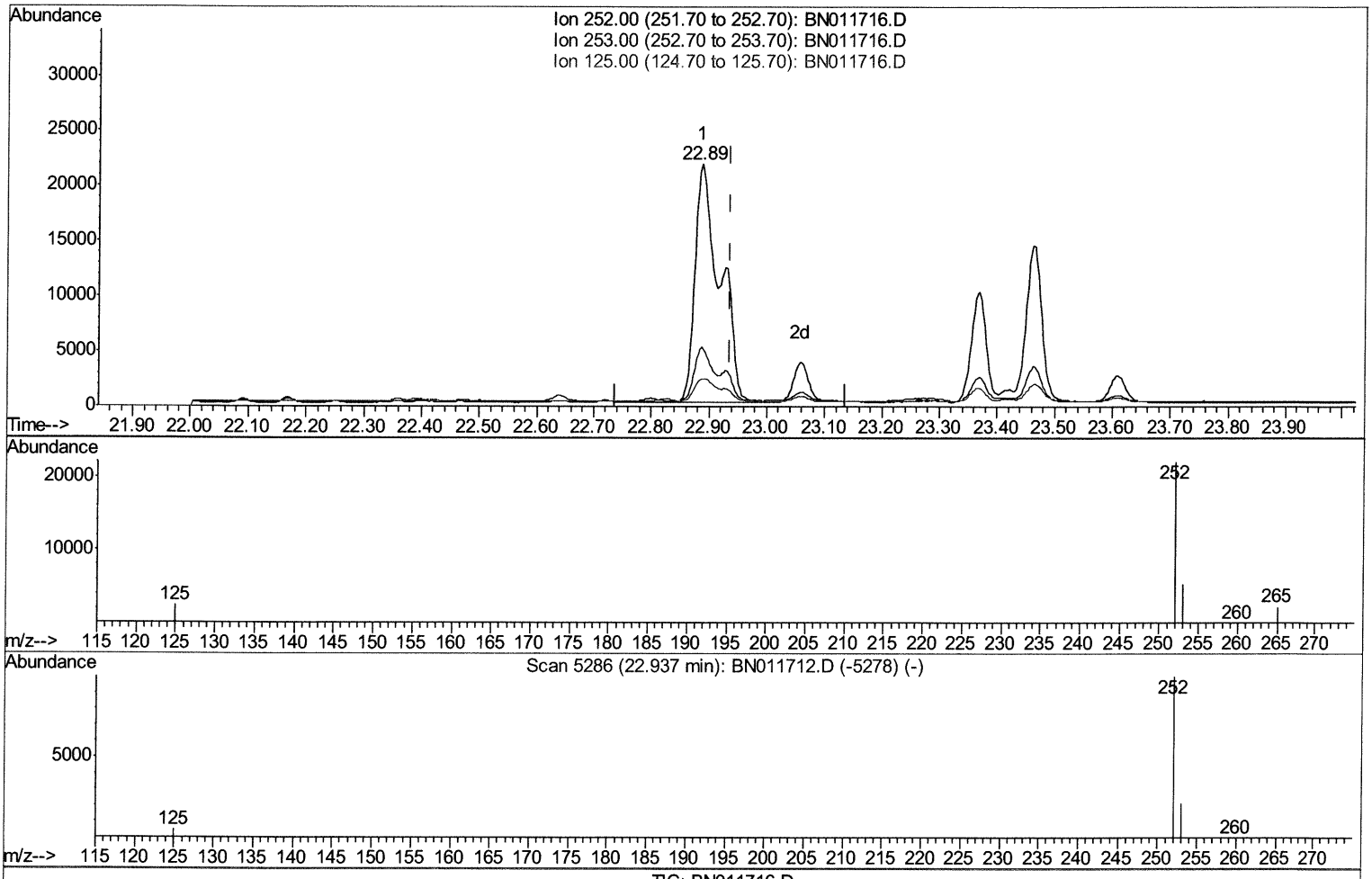
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 06:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM



TIC: BN011716.D

(22) Benzo(k)fluoranthene

22.887min (-0.050) 1.26ng/ul

response 65482

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	24.47
125.00	11.40	11.23
0.00	0.00	0.00

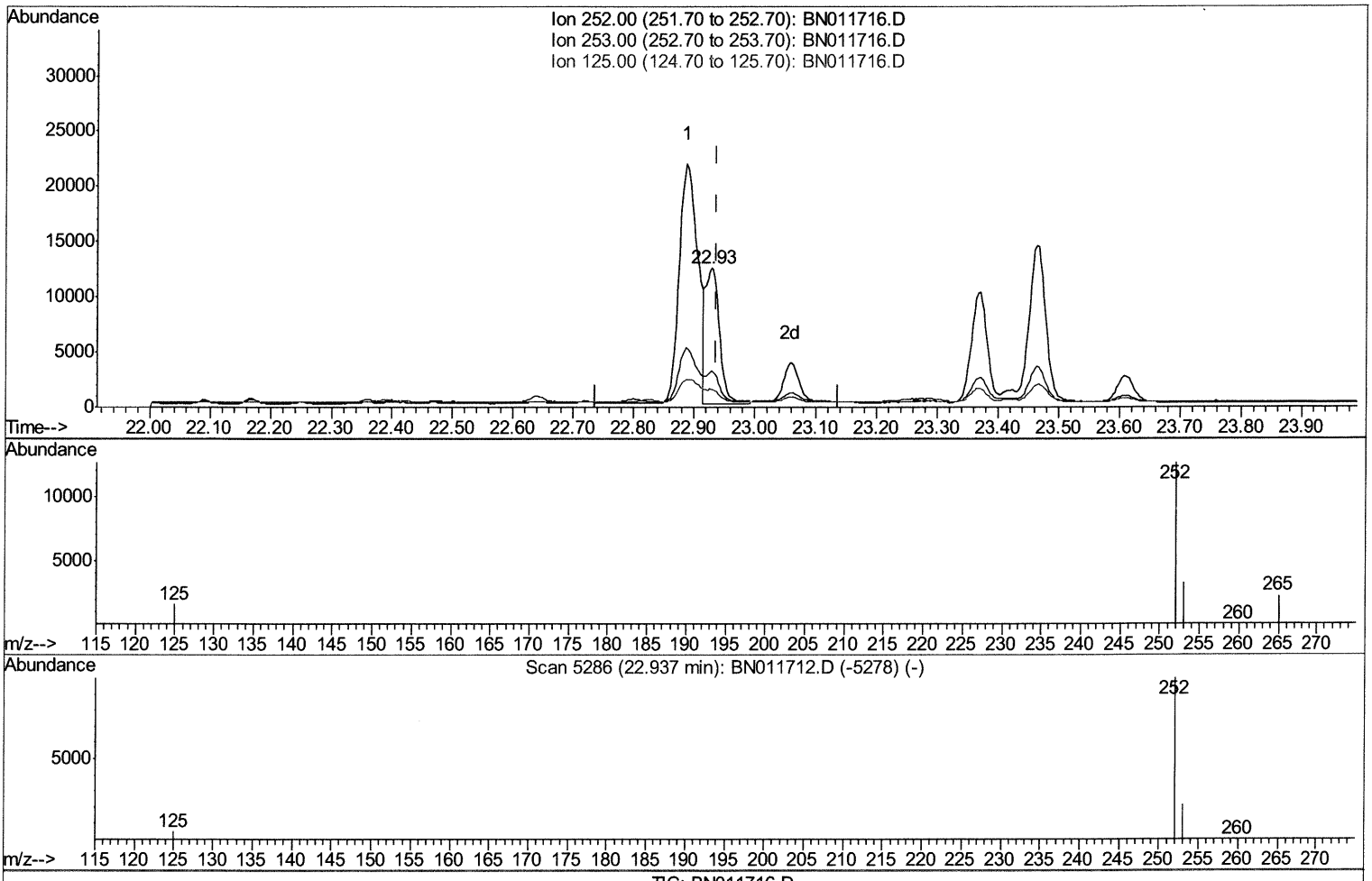
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 05 06:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM



TIC: BN011716.D

(22) Benzo(k)fluoranthene

22.928min (-0.009) 0.40ng/ul m 09/09/2020

response 20613

Ion	Exp%	Act%
252.00	100	100
253.00	27.20	25.85
125.00	11.40	12.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011716.D
Acq On : 05 Sep 2020 00:47
Operator : CG/JU
Sample : L3840-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
9/8/2020 1:47:51 PM

Quant Time: Sep 05 06:04:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2473	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5424	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	11680	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	10731	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	10835	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2931	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6136	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1072	0.038	ng/ul#	88
7) Acenaphthylene	14.10	152	4314	0.158	ng/ul	98
9) Fluorene	15.43	166	637	0.025	ng/ul#	91
12) Phenanthrene	17.16	178	3440	0.087	ng/ul	98
13) Anthracene	17.25	178	5329	0.164	ng/ul	99
15) Fluoranthene	19.19	202	2981	0.066	ng/ul	92
17) Pyrene	19.55	202	12747m>	0.304	ng/ul>	09/09/20 JU
18) Benzo(a)anthracene	21.30	228	10346	0.287	ng/ul	95
19) Chrysene	21.35	228	27819	0.573	ng/ul	100
21) Benzo(b)fluoranthene	22.89	252	45526m	0.967	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	20613m	0.396	ng/ul	09/09/20 JU
23) Benzo(a)pyrene	23.46	252	26987	0.682	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	15545	0.291	ng/ul	100
25) Dibenzo(a,h)anthracene	25.83	278	4846	0.111	ng/ul#	87
26) Benzo(g,h,i)perylene	26.51	276	10065	0.201	ng/ul	97

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