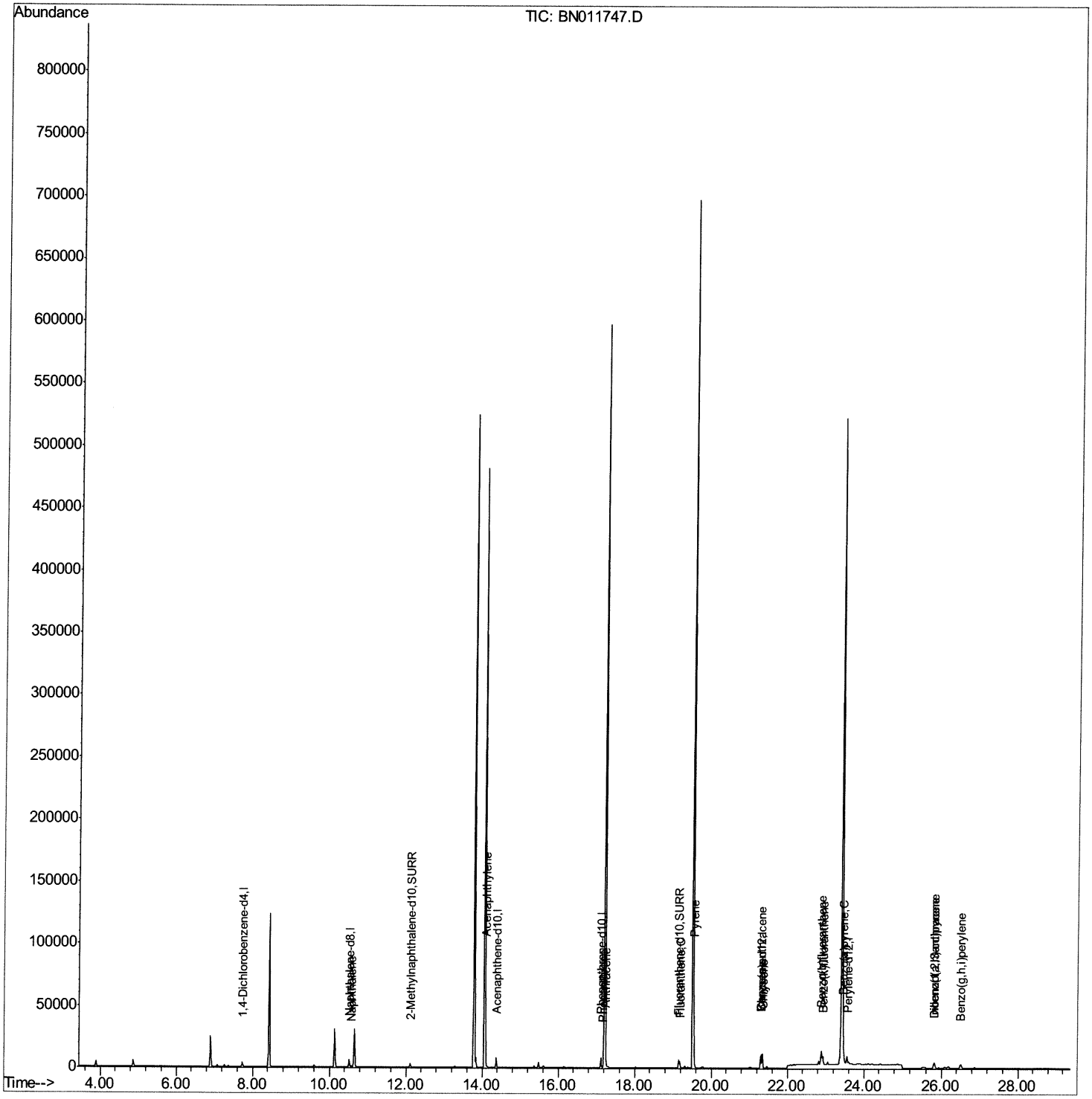
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 09 06:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM



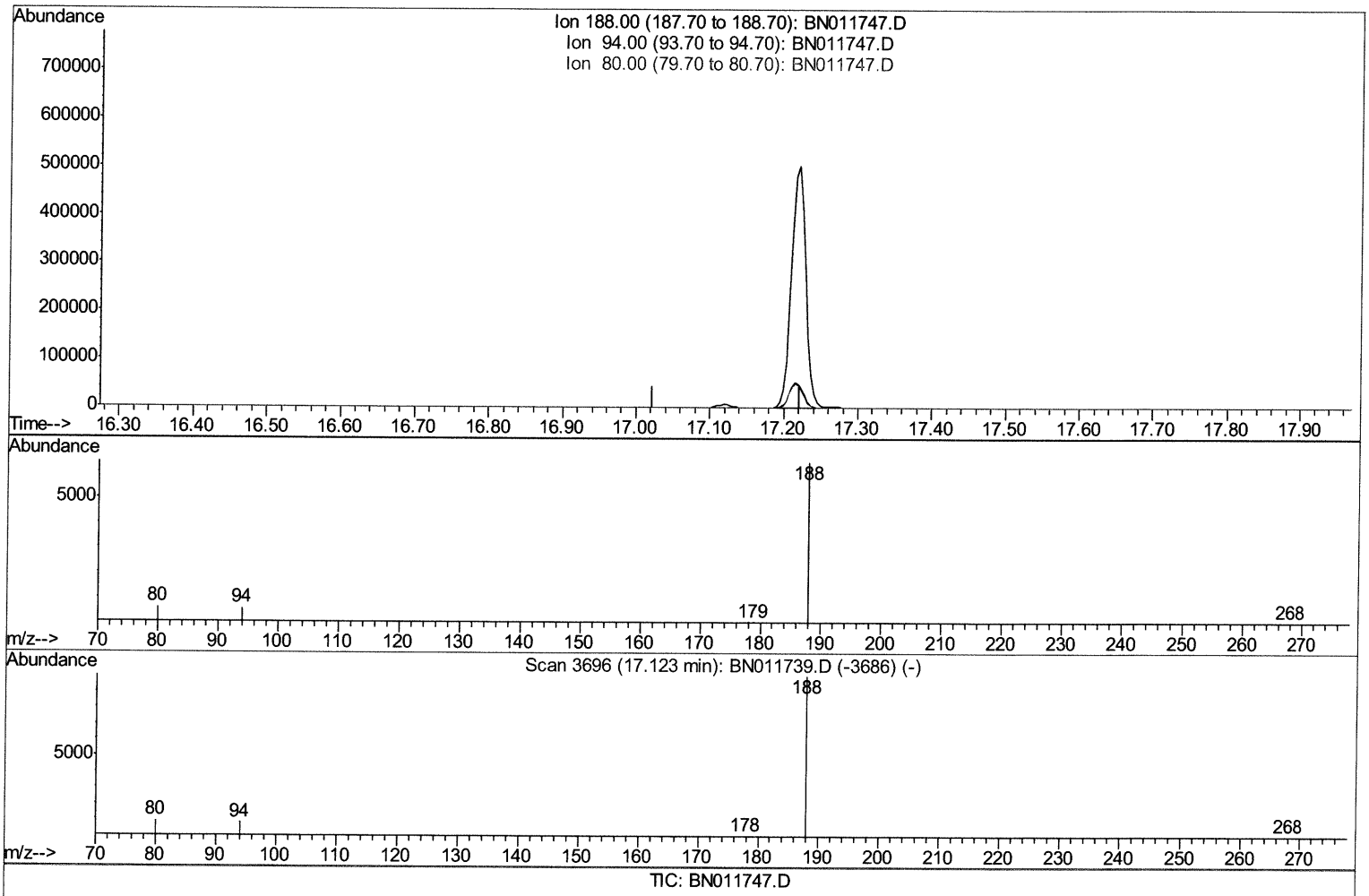
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 09 06:37:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM



TIC: BN011747.D

(10) Phenanthrene-d10 (I)

17.122min (-17.122) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.40	0.00#
80.00	9.90	0.00#
0.00	0.00	0.00

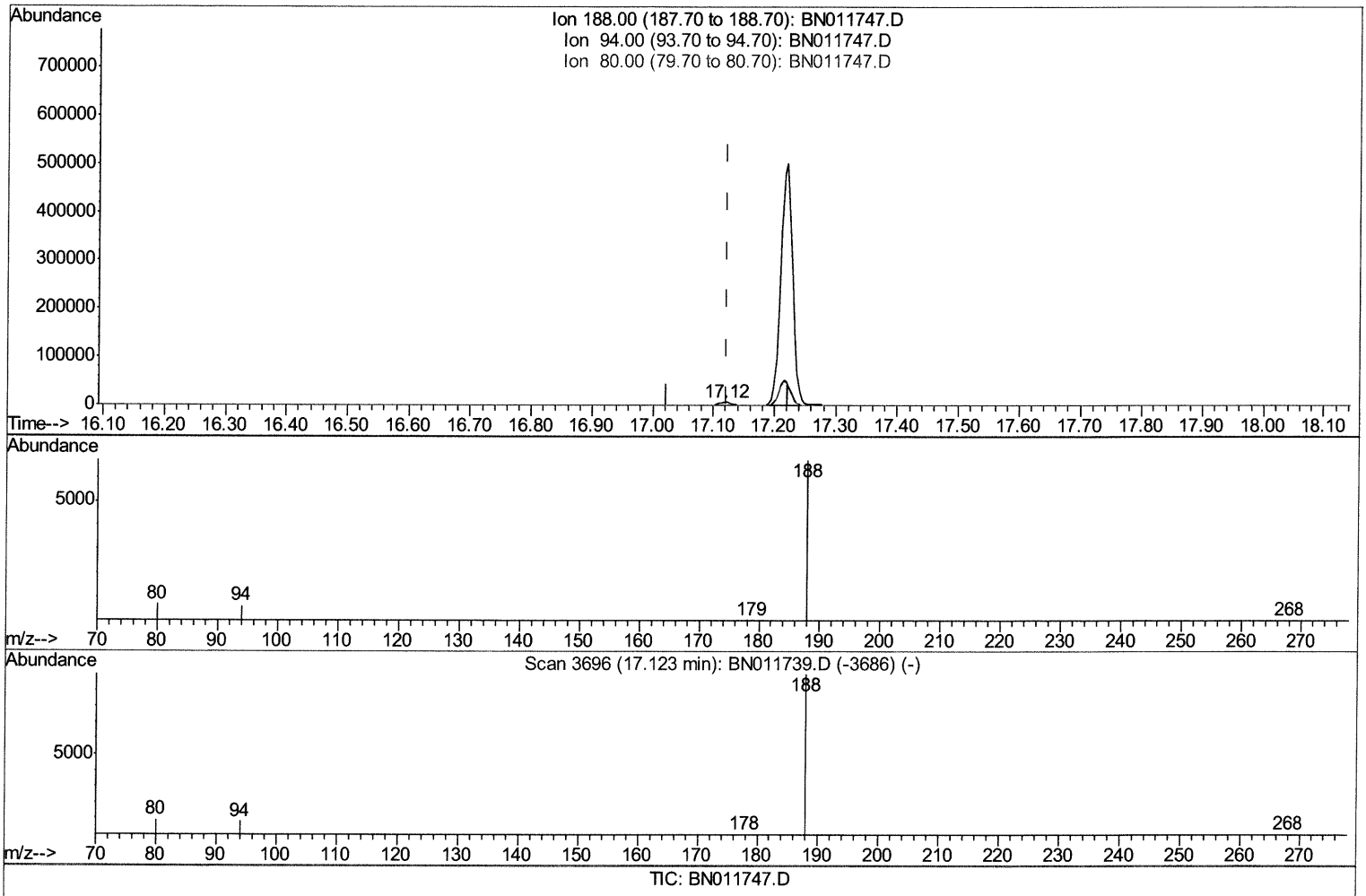
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 09 06:37:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM



(10) Phenanthrene-d10 (I)

17.118min (-0.004) 0.40ng/ul m 09/09/20 JU

response 9231

Ion	Exp%	Act%
188.00	100	100
94.00	8.40	9.70
80.00	9.90	10.79
0.00	0.00	0.00

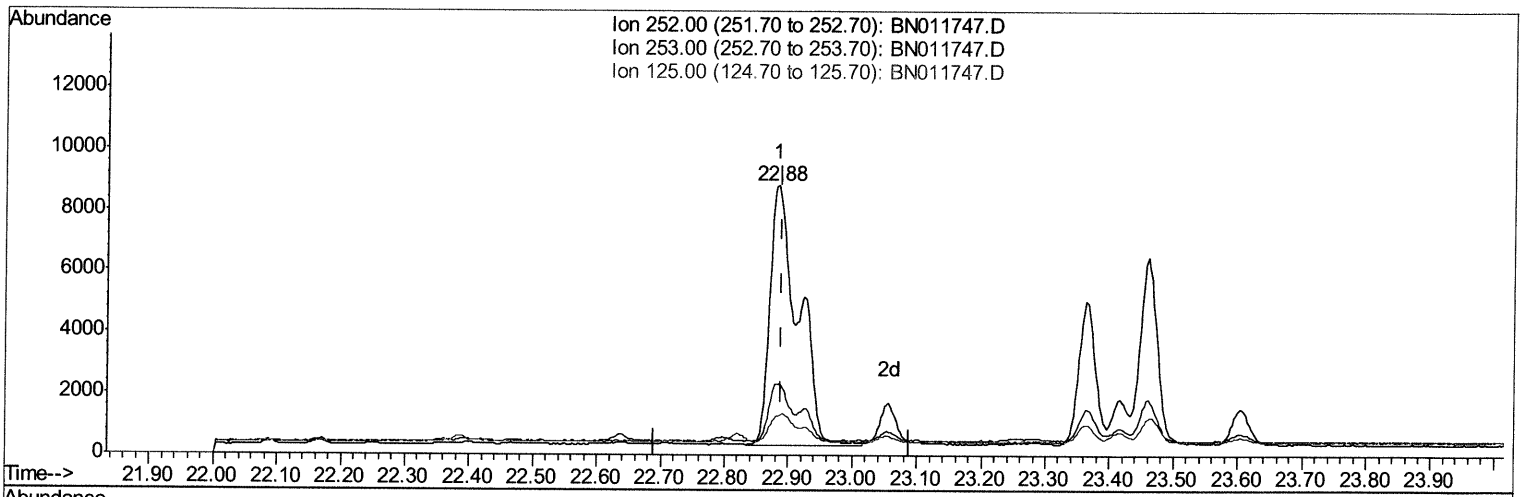
Quantitation Report (Qedit)

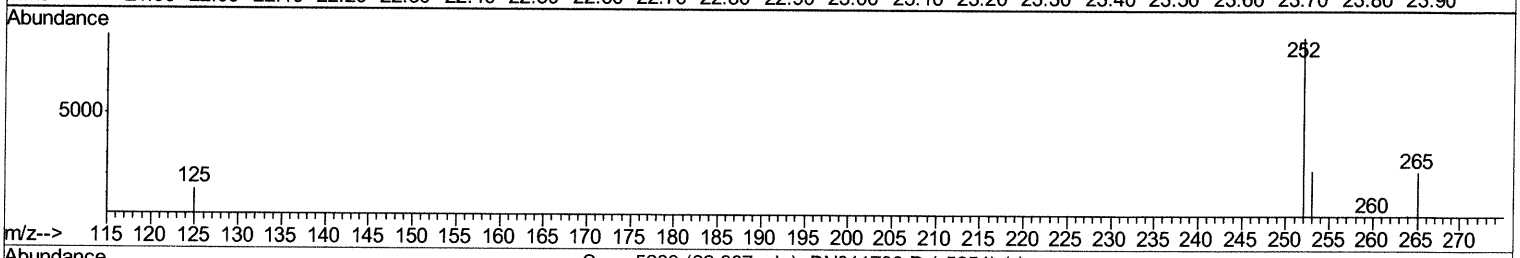
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

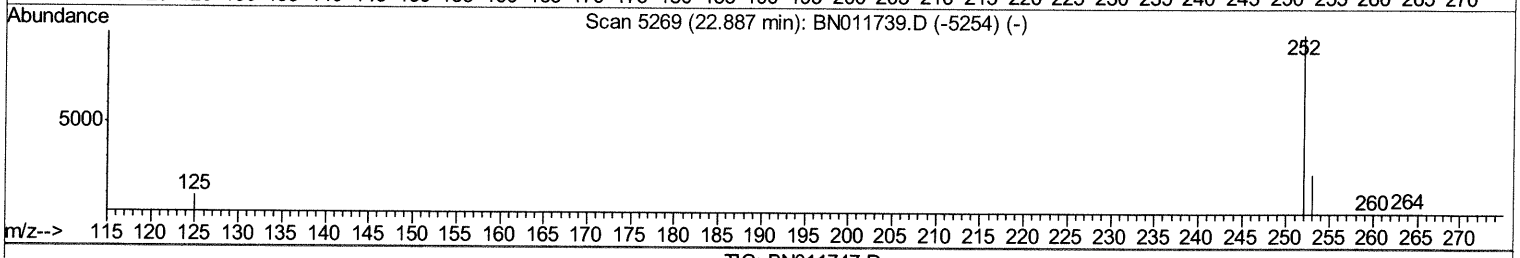
Quant Time: Sep 09 06:55:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM







TIC: BN011747.D

(21) Benzo(b)fluoranthene

22.884min (-0.006) 0.70ng/ul

response 25995

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	26.21
125.00	11.80	14.53
0.00	0.00	0.00

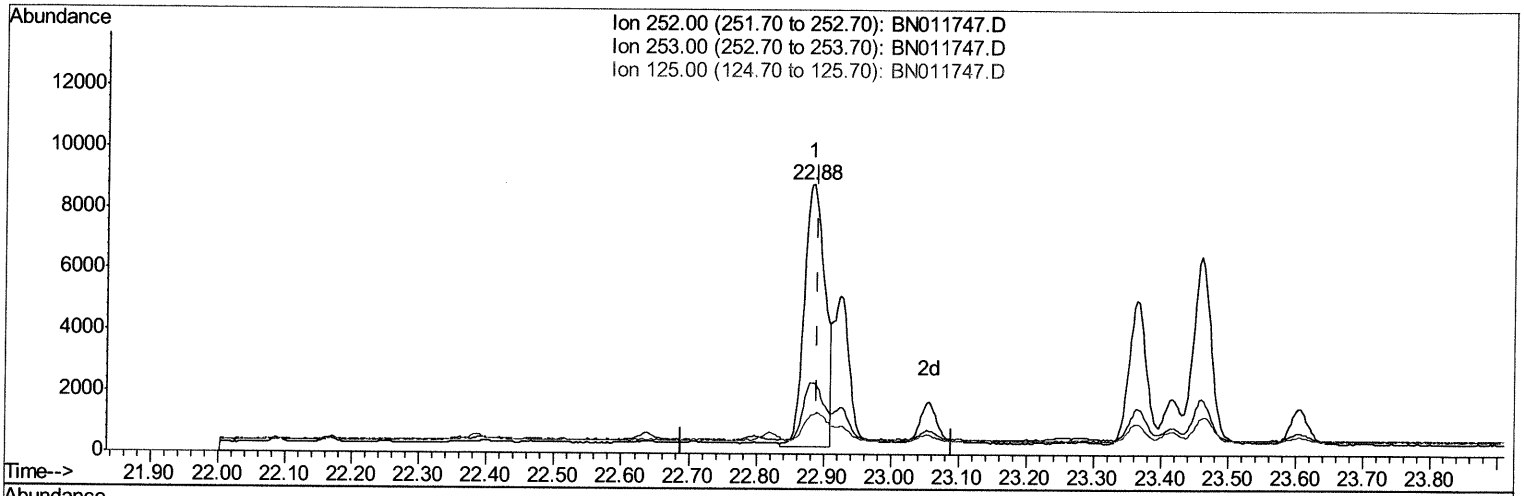
Quantitation Report (Qedit)

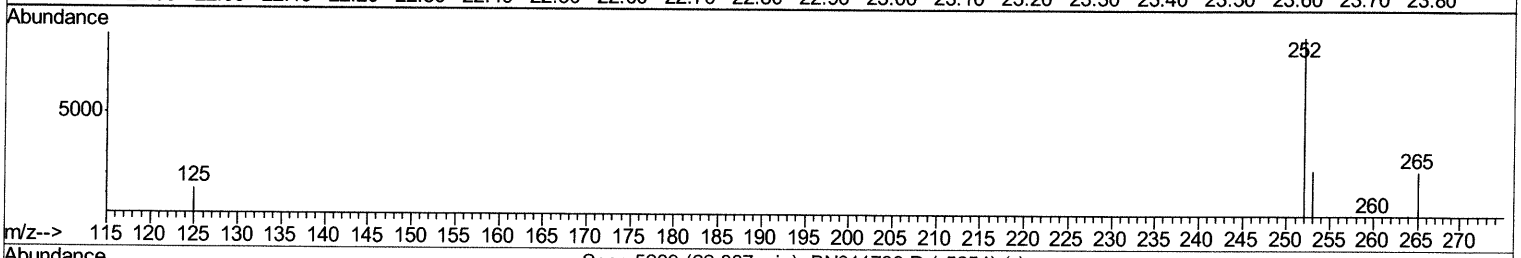
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

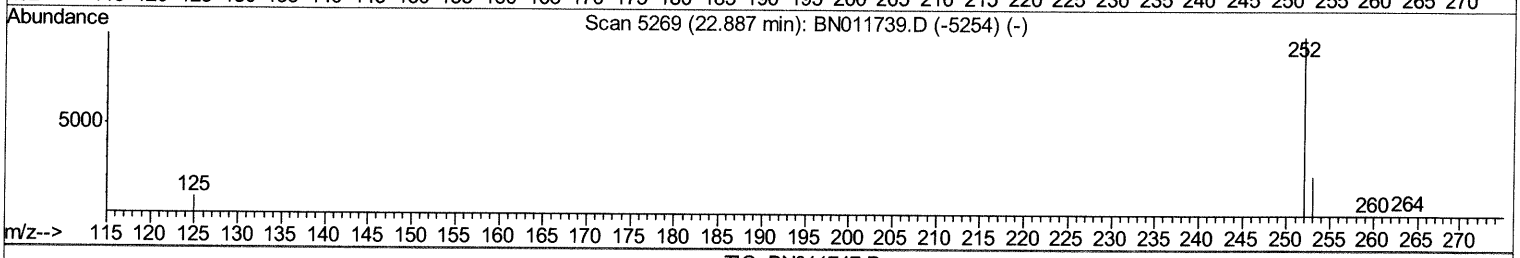
Quant Time: Sep 09 06:55:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM







TIC: BN011747.D

(21) Benzo(b)fluoranthene

22.884min (-0.006) 0.50ng/ul m 09/09/20 JU

response 18467

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	26.21
125.00	11.80	14.53
0.00	0.00	0.00

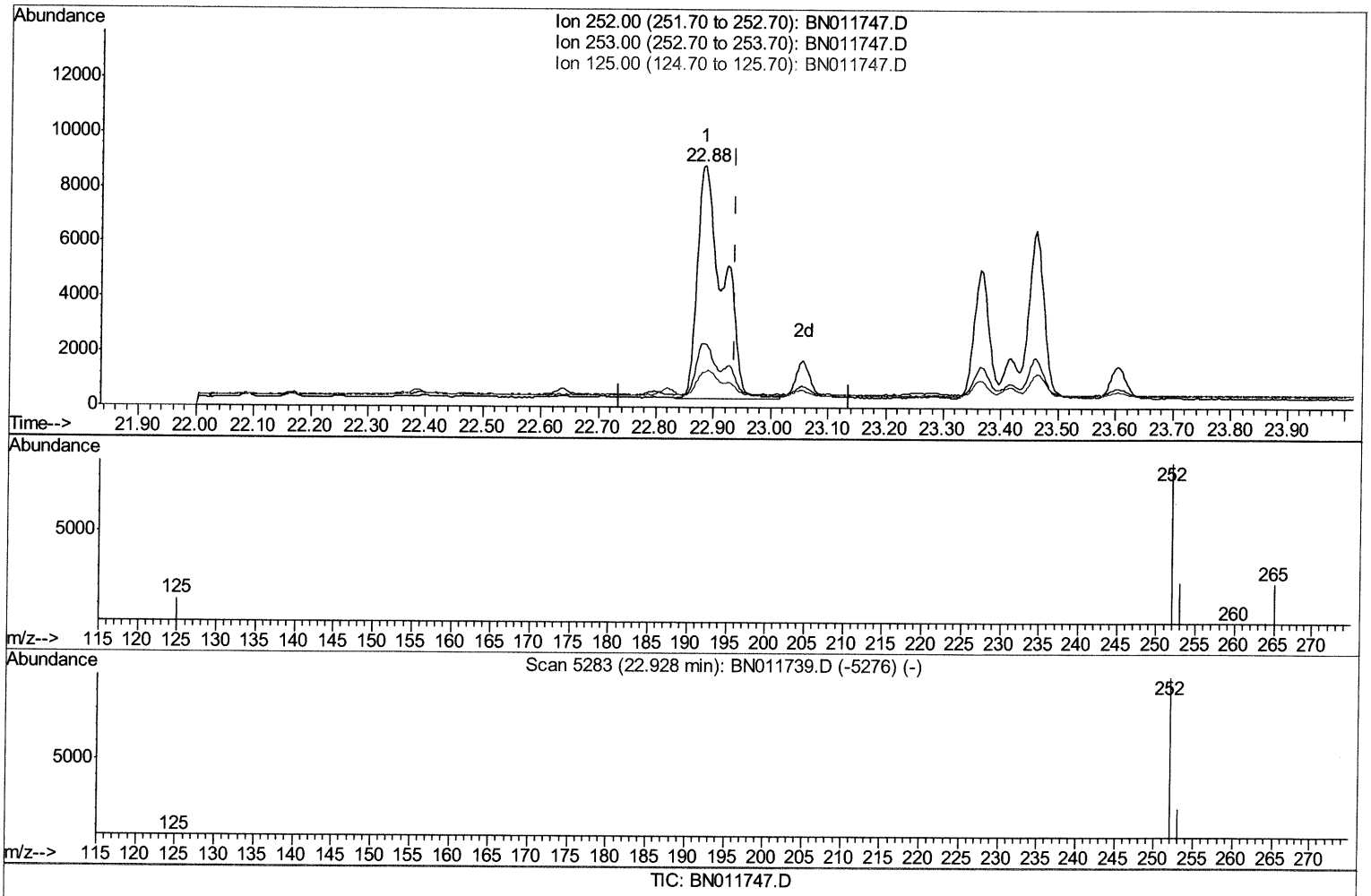
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 09 06:55:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM



TIC: BN011747.D

(22) Benzo(k)fluoranthene

22.884min (-0.053) 0.68ng/ul

response 25995

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	26.21
125.00	12.10	14.53#
0.00	0.00	0.00

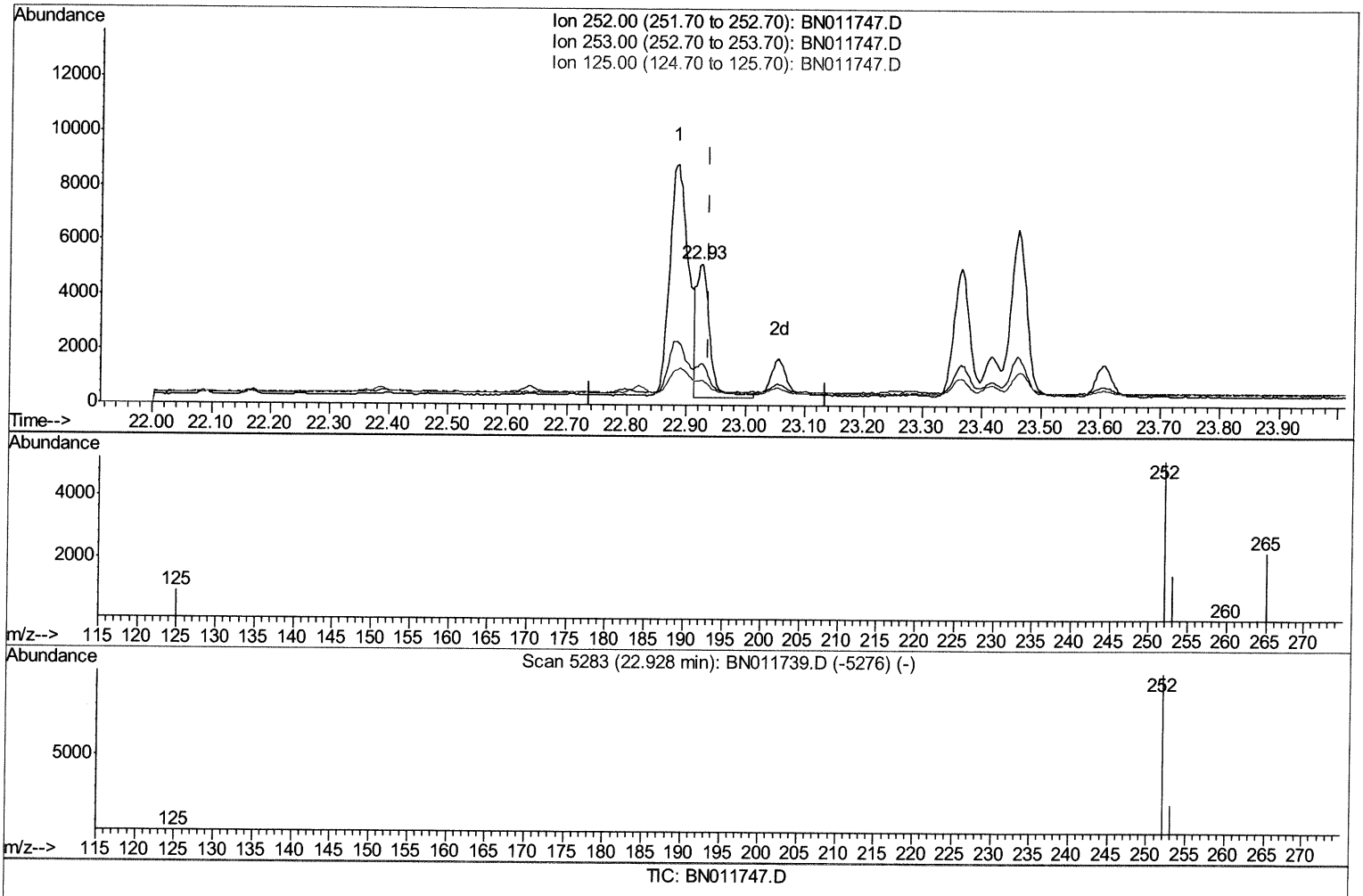
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 09 06:55:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM



TIC: BN011747.D

(22) Benzo(k)fluoranthene

22.925min (-0.012) 0.19ng/ul m 09/09/20 JU

response 7424

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	29.15
125.00	12.10	18.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090820\
Data File : BN011747.D
Acq On : 08 Sep 2020 21:19
Operator : CG/JU
Sample : L3840-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:27 PM

Quant Time: Sep 09 06:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1930	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7608	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4410	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9231m >	0.40	ng/ul >	0.00 09/09/20 JU
16) Chrysene-d12	21.31	240	7808	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	7943	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3631	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7363	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1397	0.062	ng/ul#	88
7) Acenaphthylene	14.09	152	1764	0.083	ng/ul#	93
12) Phenanthrene	17.16	178	1705	0.055	ng/ul#	91
13) Anthracene	17.25	178	2035	0.074	ng/ul#	92
15) Fluoranthene	19.18	202	4230	0.123	ng/ul	95
17) Pyrene	19.54	202	9507	0.274	ng/ul#	95
18) Benzo(a)anthracene	21.29	228	5578	0.184	ng/ul	94
19) Chrysene	21.34	228	11398	0.336	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	18467m3	0.496	ng/ul3	09/09/20 JU
22) Benzo(k)fluoranthene	22.93	252	7424m3	0.194	ng/ul3	
23) Benzo(a)pyrene	23.46	252	11215	0.349	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.82	276	7413	0.176	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	2164	0.063	ng/ul#	69
26) Benzo(g,h,i)perylene	26.51	276	6669	0.181	ng/ul#	92

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