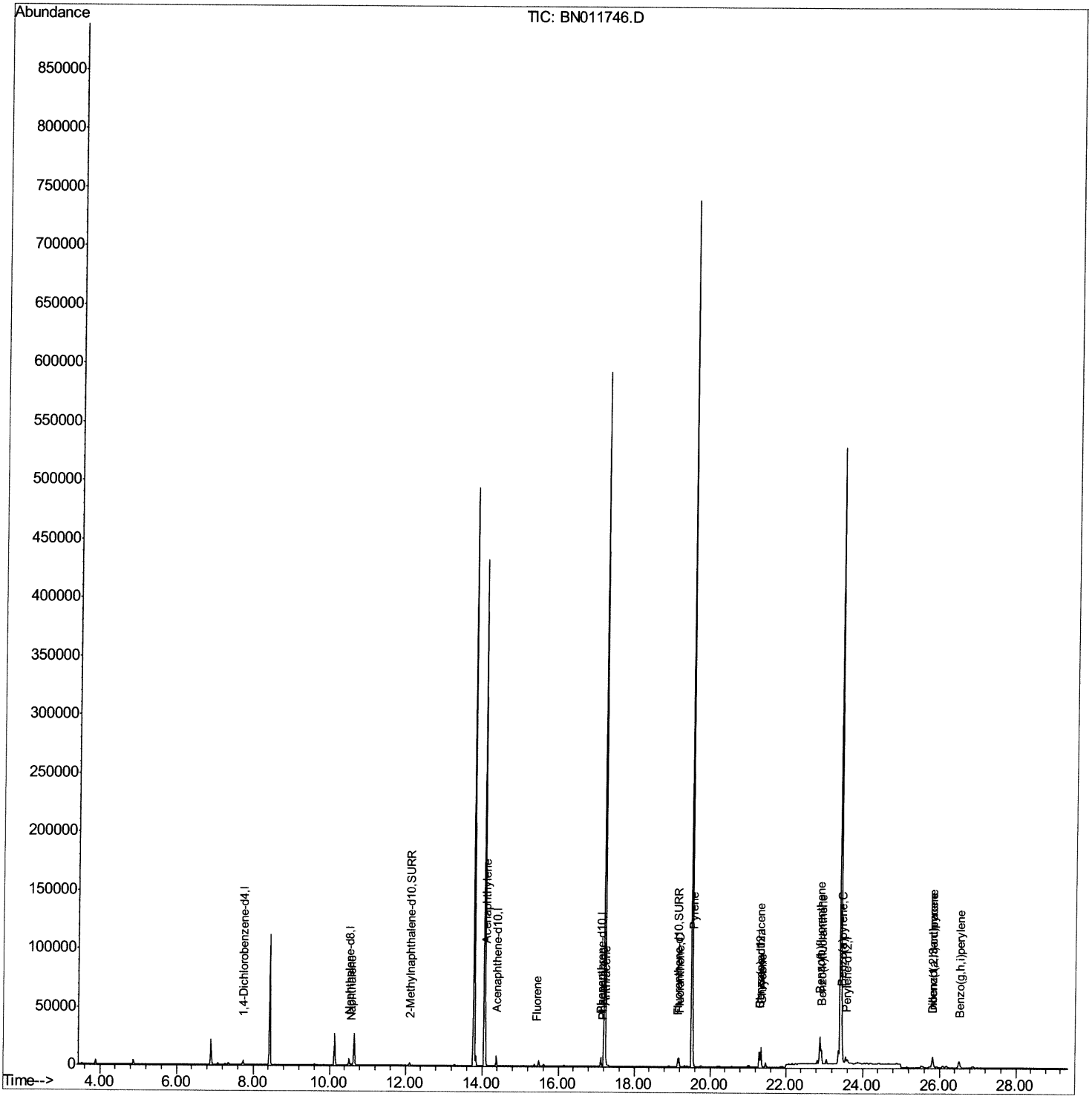
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 09 06:52:53 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 :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM



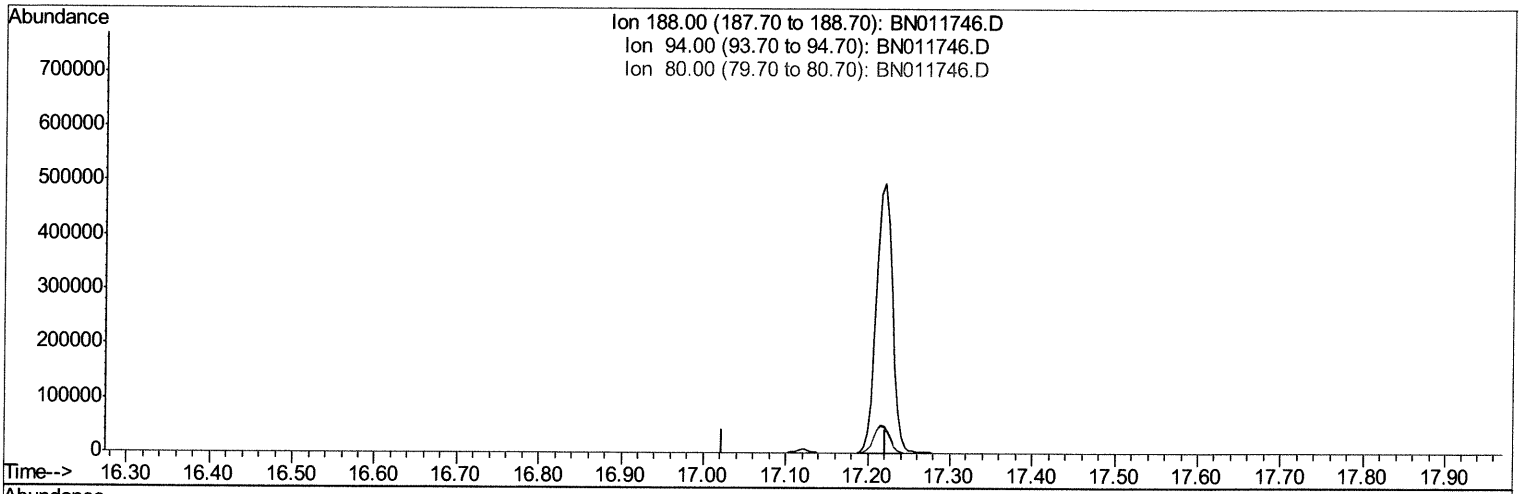
Quantitation Report (Qedit)

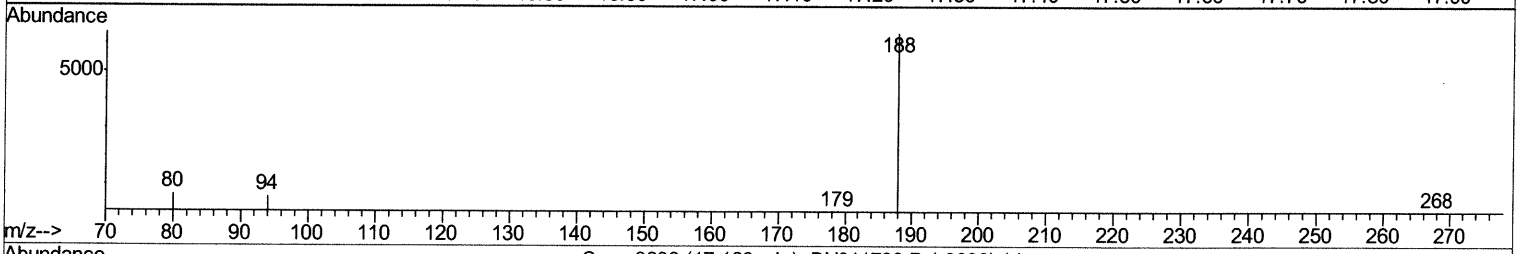
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

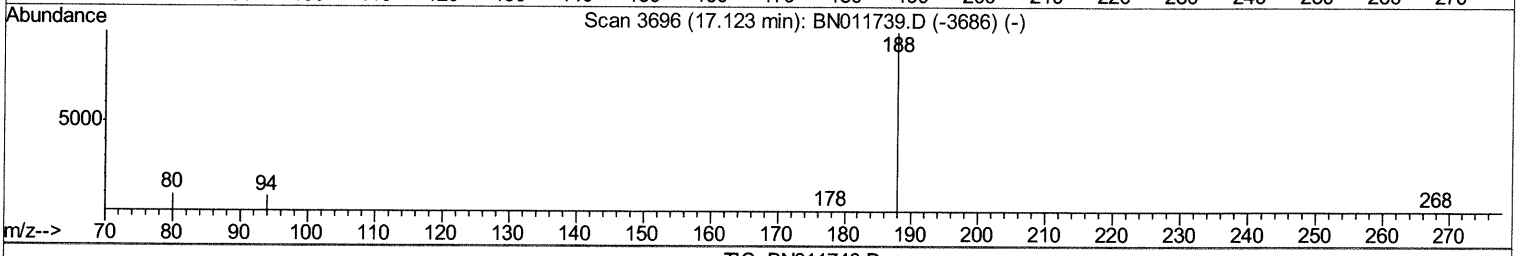
Quant Time: Sep 09 06:37:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM







TIC: BN011746.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

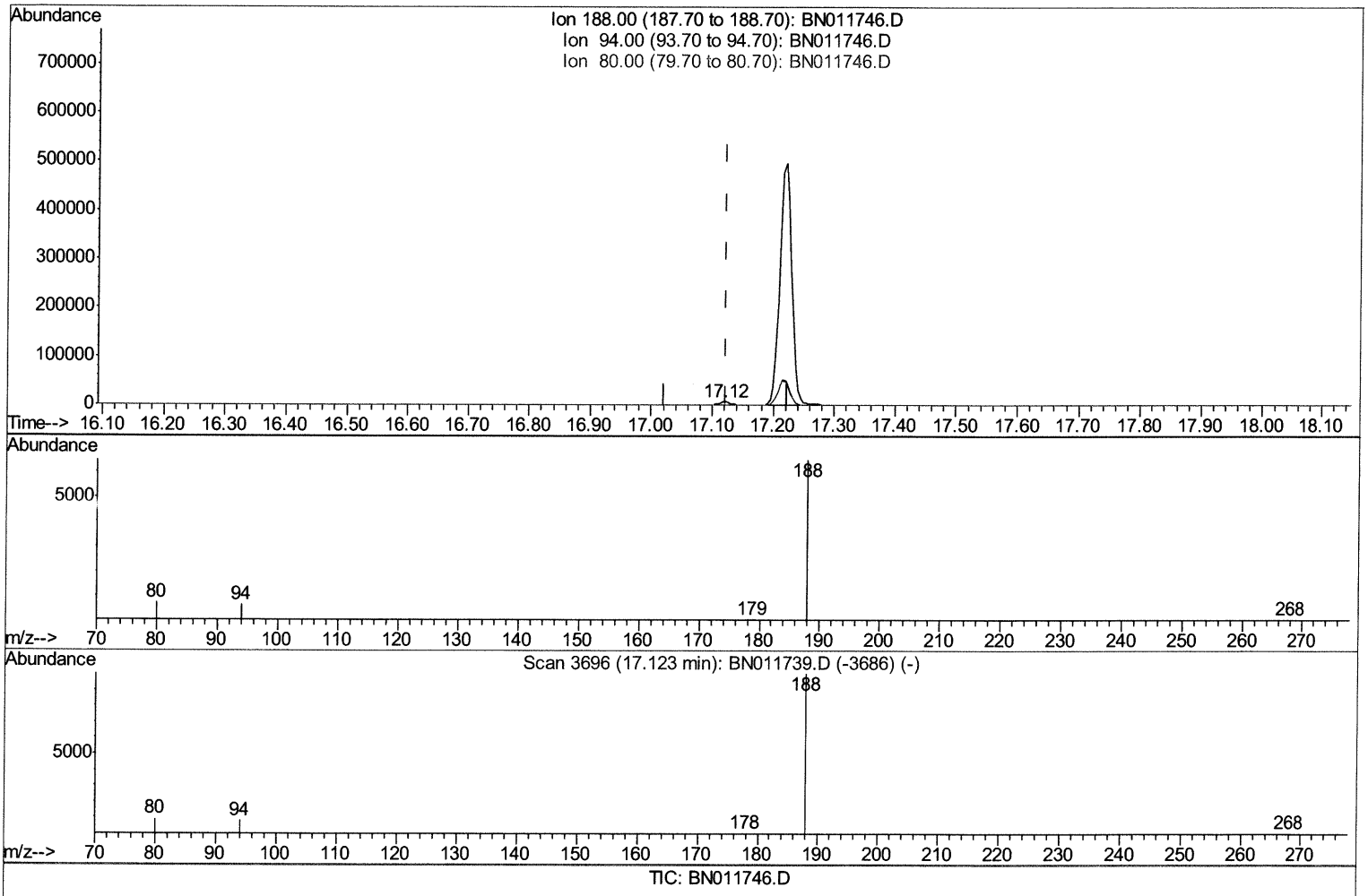
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 09 06:37:08 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 :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM



TIC: BN011746.D

(10) Phenanthrene-d10 (I)

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

response 9208

Ion	Exp%	Act%
188.00	100	100
94.00	8.40	10.02
80.00	9.90	11.53
0.00	0.00	0.00

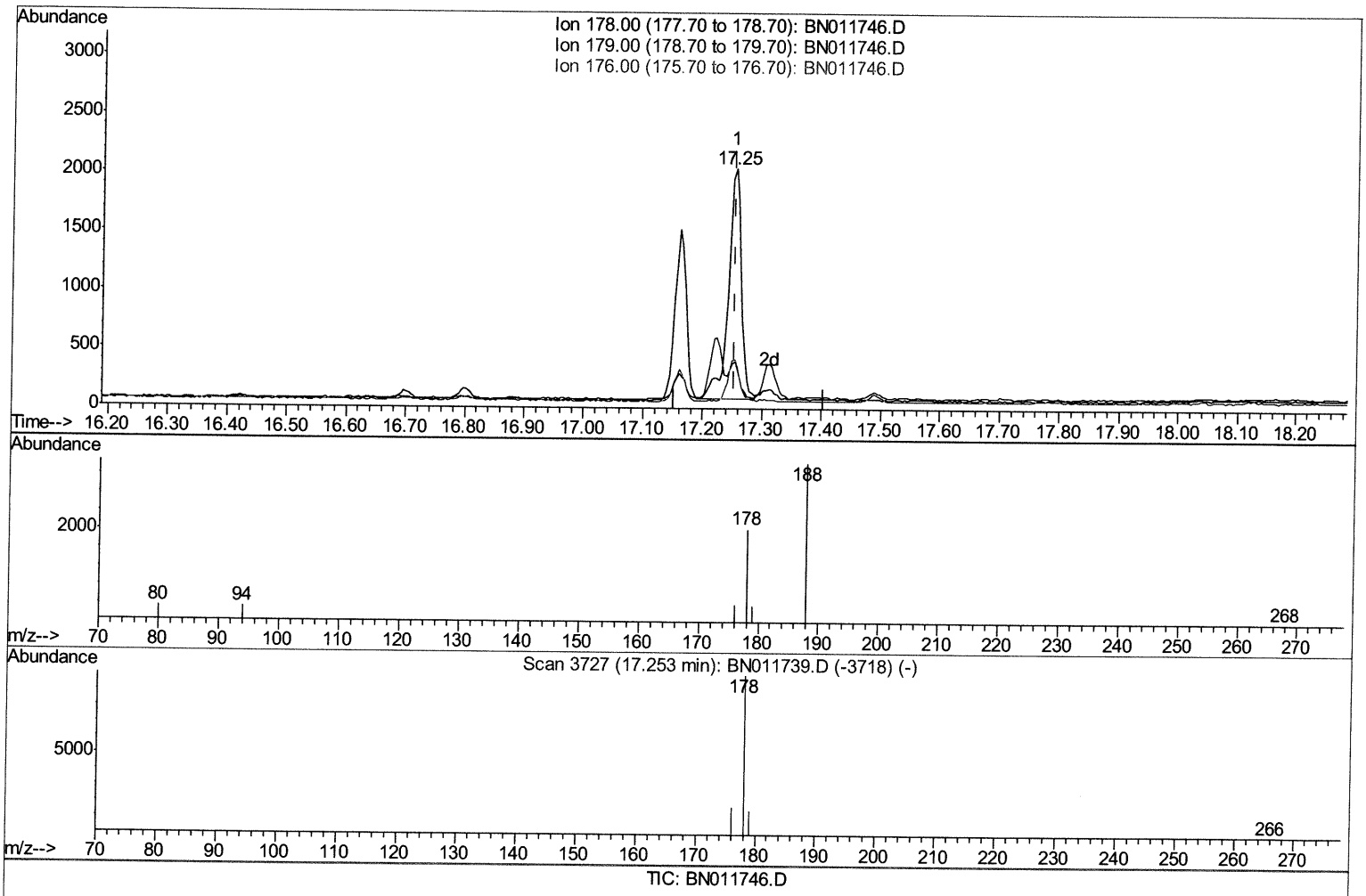
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 09 06:50:57 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 :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM



(13) Anthracene

17.254min (+0.000) 0.11ng/ul

response 3018

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	19.67#
176.00	18.50	20.60
0.00	0.00	0.00

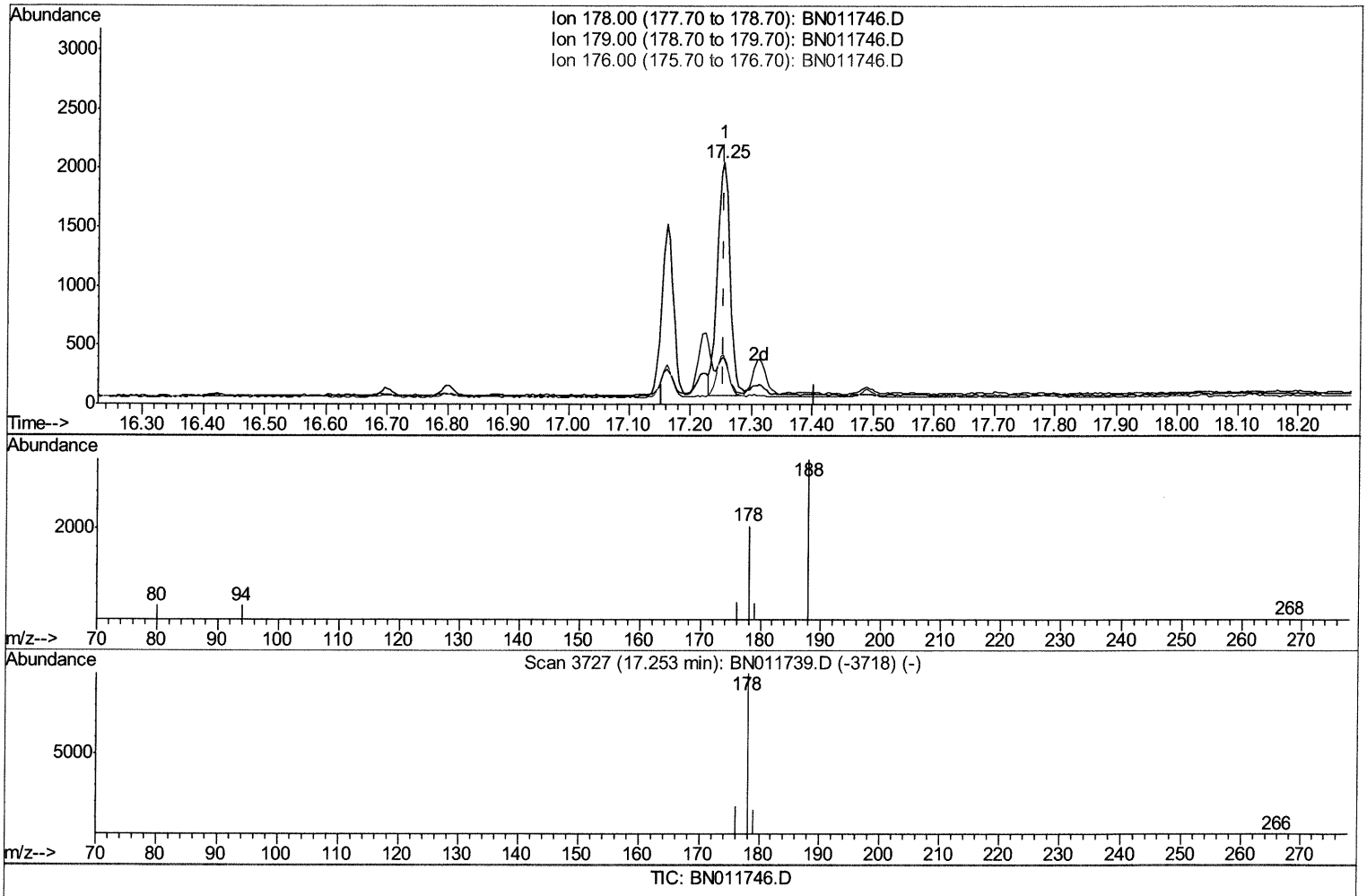
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 09 06:50:57 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 :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM



TIC: BN011746.D

(13) Anthracene

17.254min (+0.000) 0.10ng/ul m 09/09/20 JU

response 2786

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	19.67#
176.00	18.50	20.60
0.00	0.00	0.00

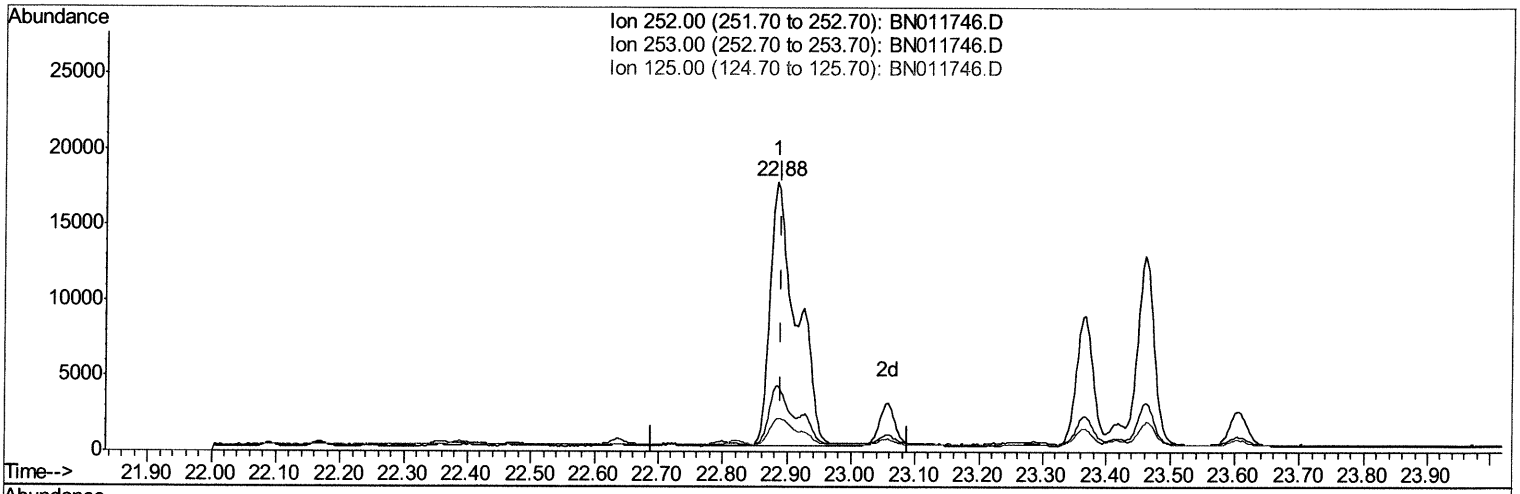
Quantitation Report (Qedit)

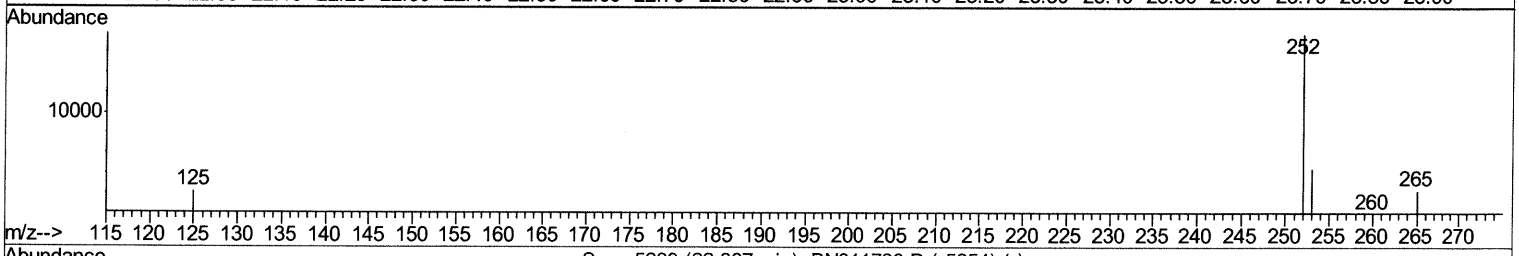
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

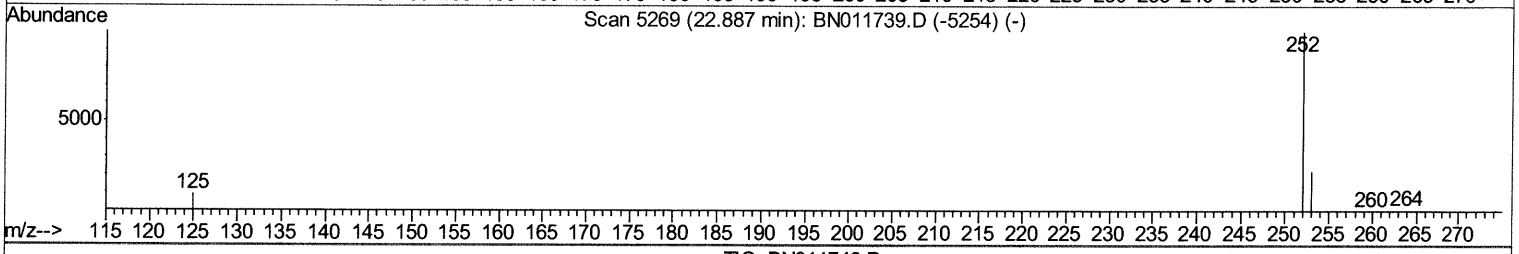
Quant Time: Sep 09 06:50:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM







TIC: BN011746.D

(21) Benzo(b)fluoranthene

22.884min (-0.006) 1.39ng/ul

response 50824

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	24.68
125.00	11.80	12.17
0.00	0.00	0.00

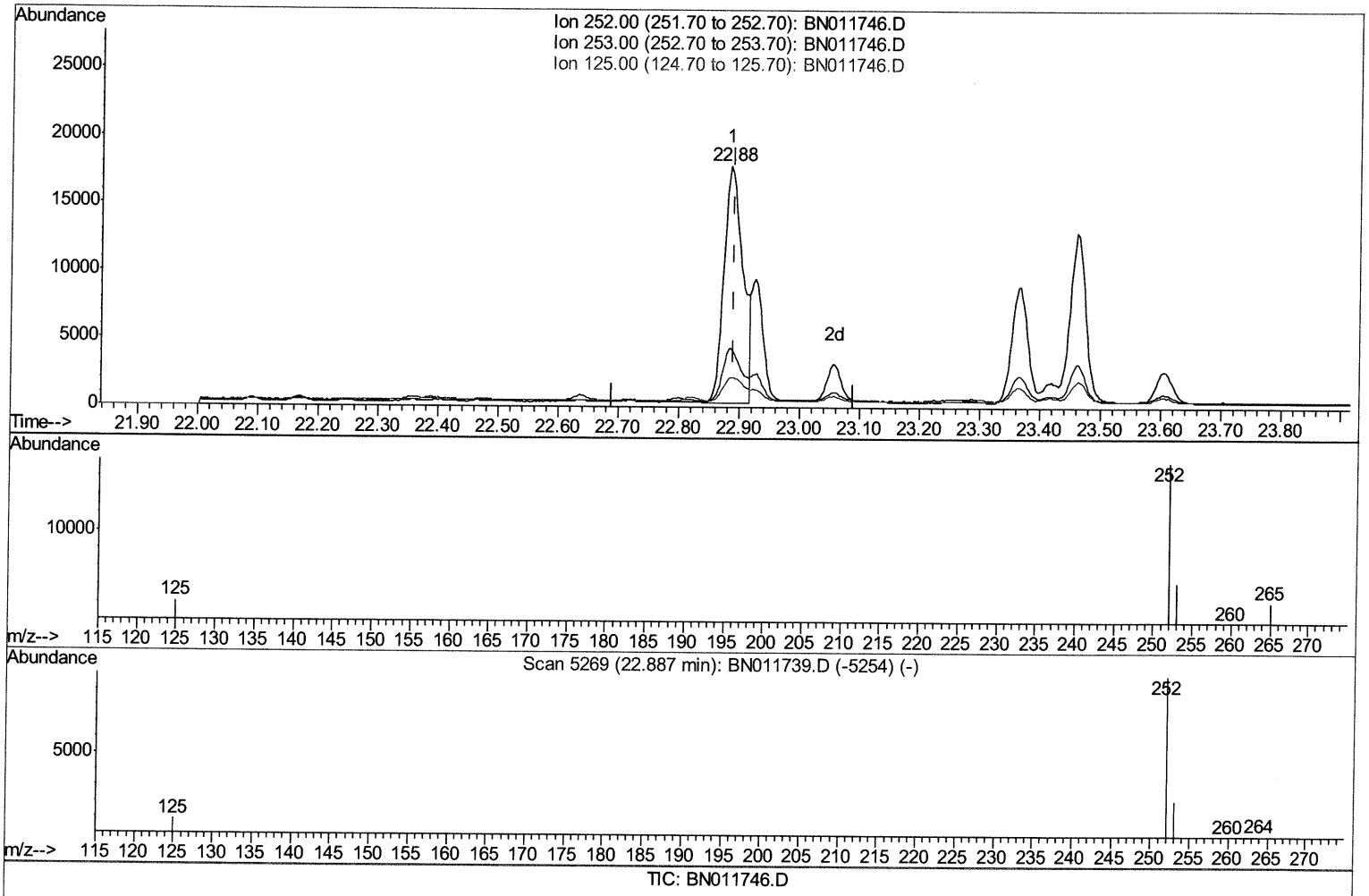
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 09 06:50:57 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 :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM



(21) Benzo(b)fluoranthene

22.884min (-0.006) 1.05ng/ul m 09/09/20 JG

response 38432

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	24.68
125.00	11.80	12.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 09 06:50:57 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 :
C0AA6

Manual Integrations APPROVED
Sohil
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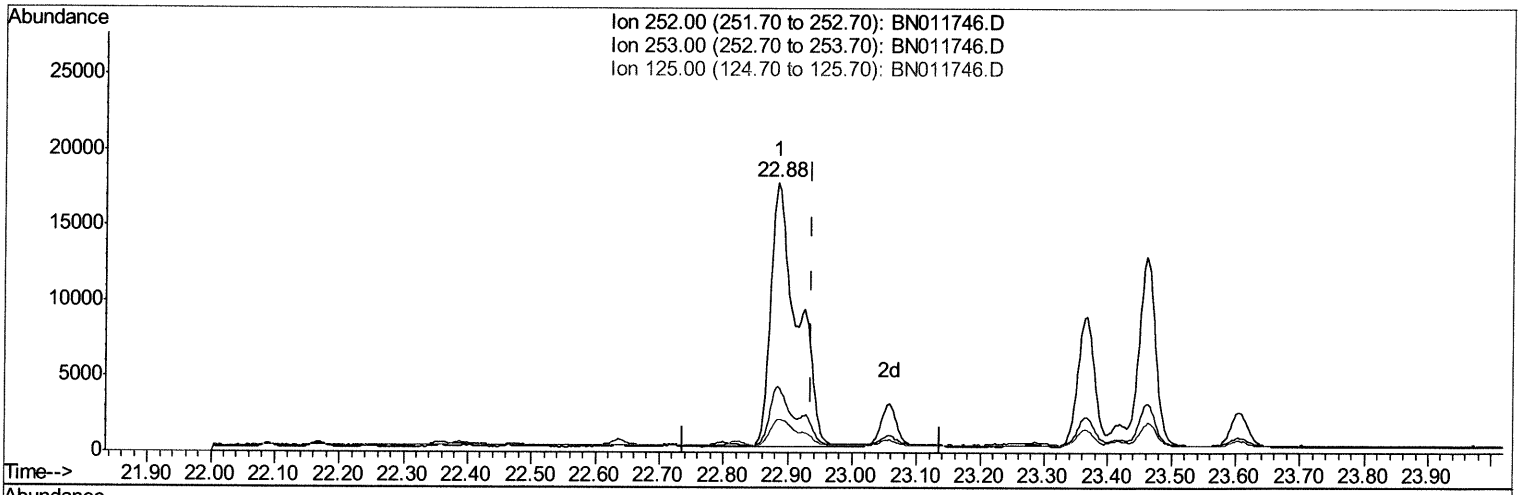
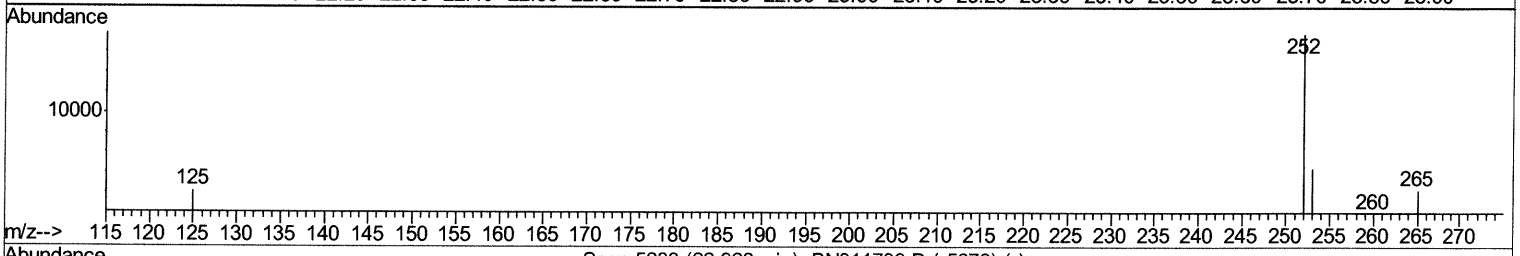
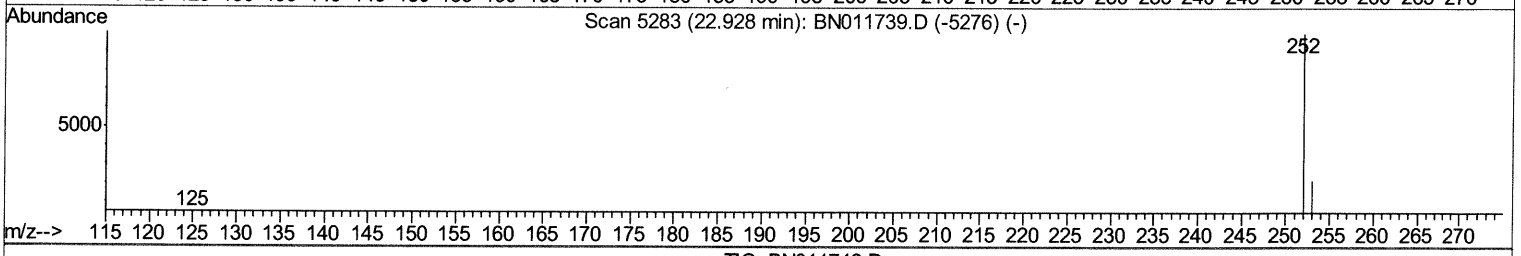






TIC: BN011746.D

(22) Benzo(k)fluoranthene

22.884min (-0.052) 1.36ng/ul

response 50824

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	24.68
125.00	12.10	12.17
0.00	0.00	0.00

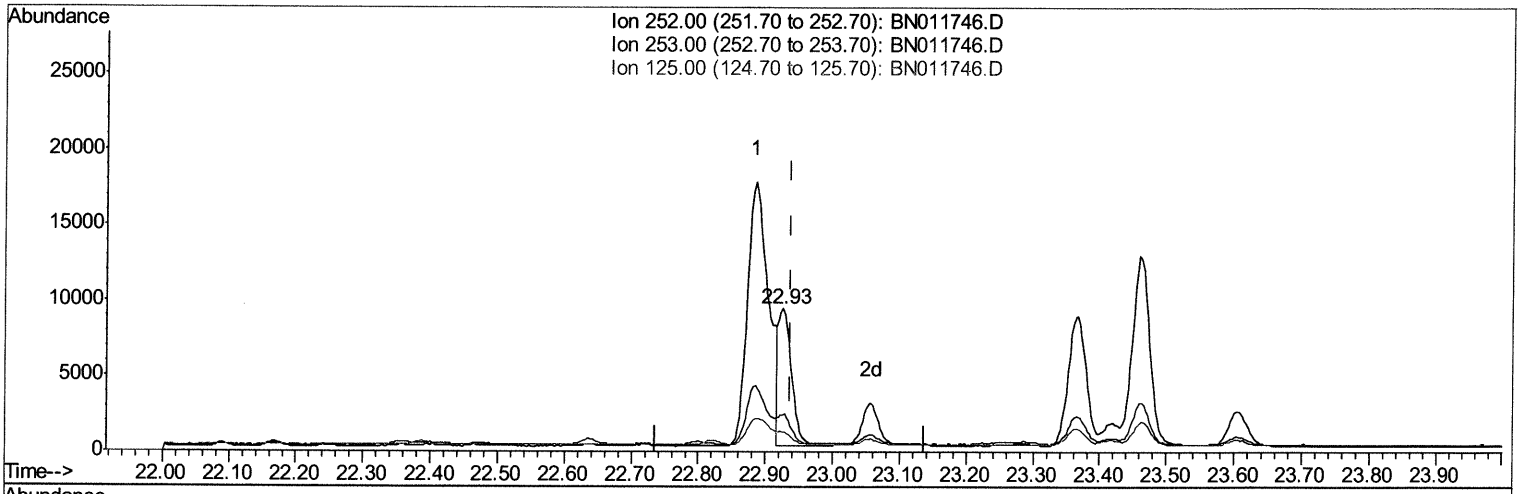
Quantitation Report (Qedit)

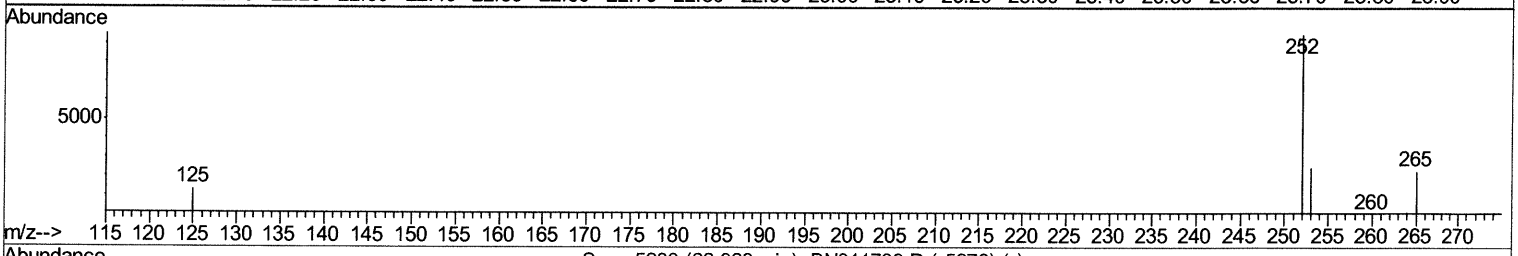
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

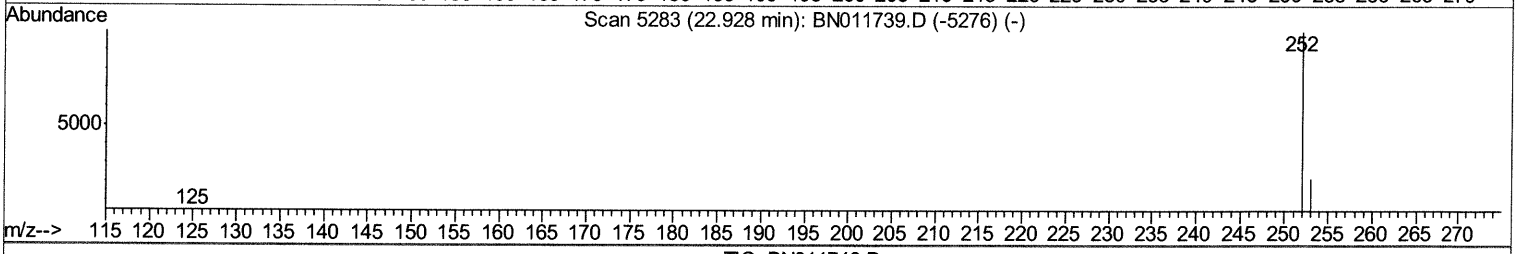
Quant Time: Sep 09 06:50:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM







TIC: BN011746.D

(22) Benzo(k)fluoranthene

22.925min (-0.012) 0.33ng/ul m 09/09/20 JU

response 12418

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	25.94
125.00	12.10	14.03
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011746.D
Acq On : 08 Sep 2020 20:43
Operator : CG/JU
Sample : L3840-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:23 PM

Quant Time: Sep 09 06:52:53 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	1920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4380	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9208m >	0.40	ng/ul >	0.00 09/09/20 JU
16) Chrysene-d12	21.31	240	7764	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	7801	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3250	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7788	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1215	0.054	ng/ul#	87
7) Acenaphthylene	14.09	152	3168	0.150	ng/ul	97
9) Fluorene	15.43	166	402	0.021	ng/ul#	93
12) Phenanthrene	17.16	178	1964	0.063	ng/ul#	93
13) Anthracene	17.25	178	2786m >	0.101	ng/ul >	09/09/20 JU
15) Fluoranthene	19.18	202	6738	0.196	ng/ul	98
17) Pyrene	19.54	202	14240	0.413	ng/ul#	95
18) Benzo(a)anthracene	21.29	228	9345	0.310	ng/ul	95
19) Chrysene	21.35	228	16145	0.479	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	38432m 3	1.051	ng/ul 3	
22) Benzo(k)fluoranthene	22.93	252	12418m 3	0.331	ng/ul 3	09/09/20 JU
23) Benzo(a)pyrene	23.46	252	22833	0.723	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	14027	0.338	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	4206	0.124	ng/ul#	83
26) Benzo(g,h,i)perylene	26.51	276	11996	0.331	ng/ul	96

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