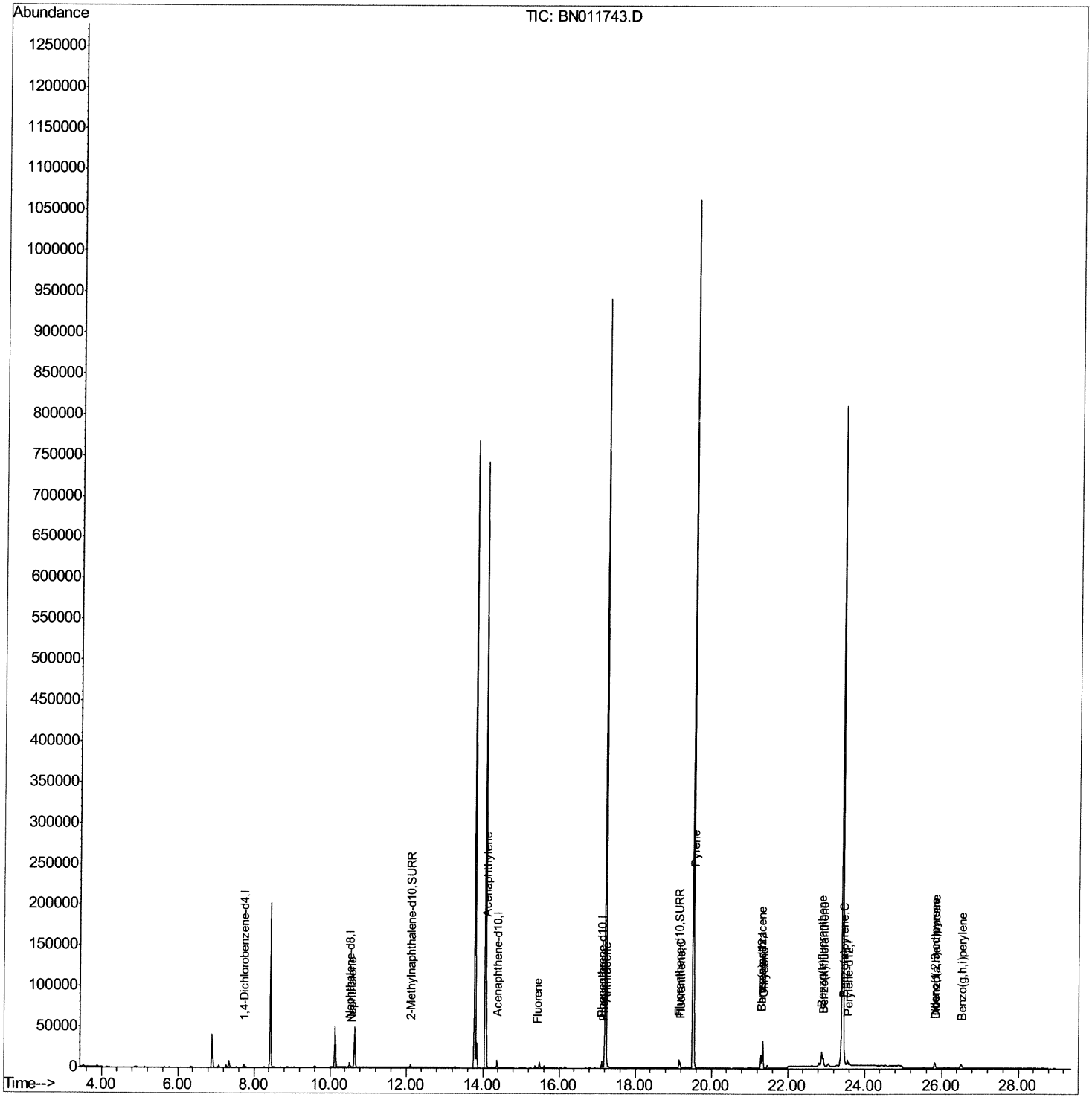
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 09 06:43:44 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 :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM



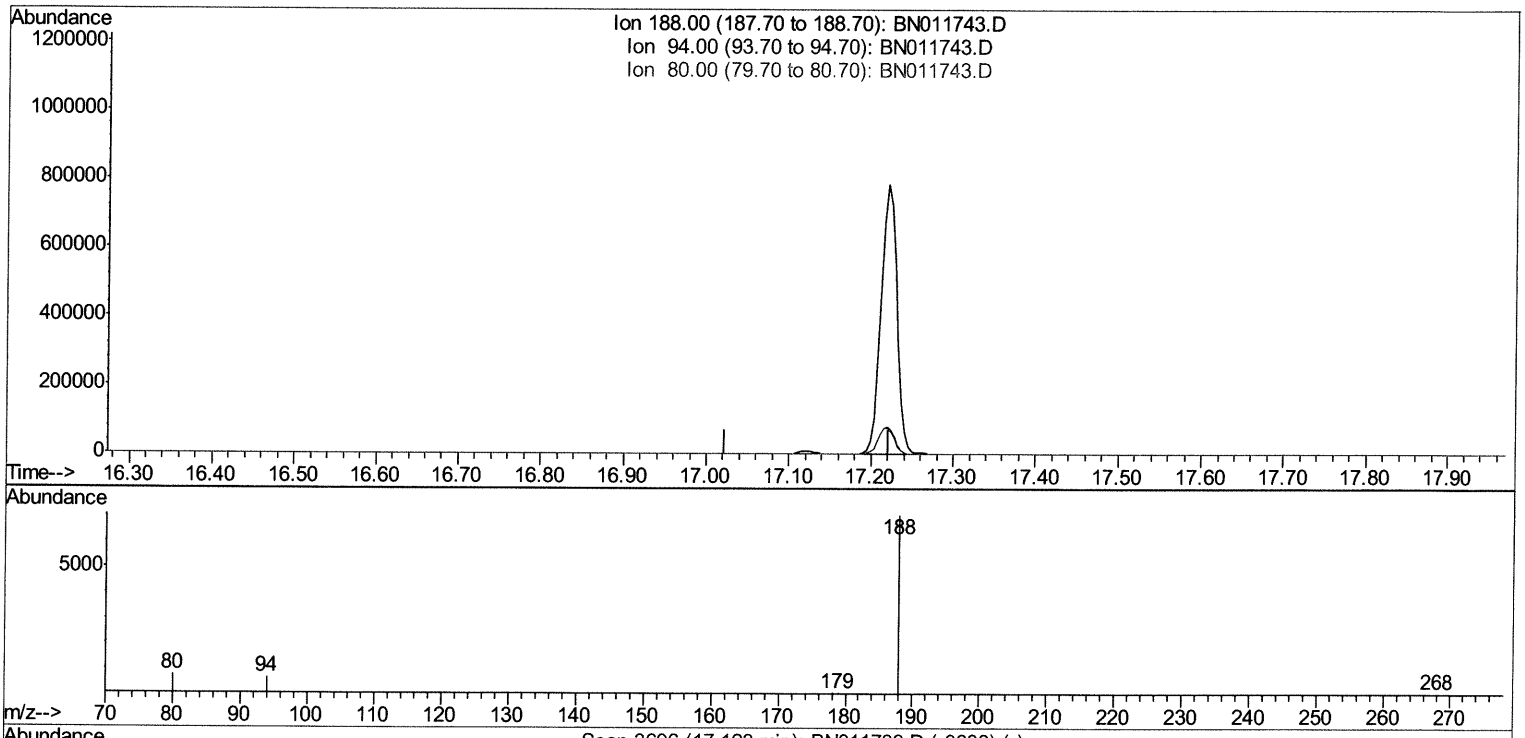
Quantitation Report (Qedit)

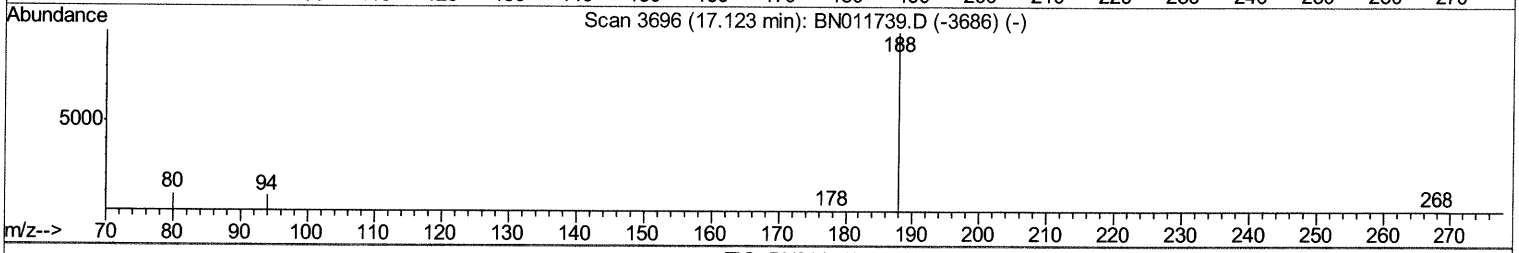
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 09 06:36:45 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 :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM





TIC: BN011743.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

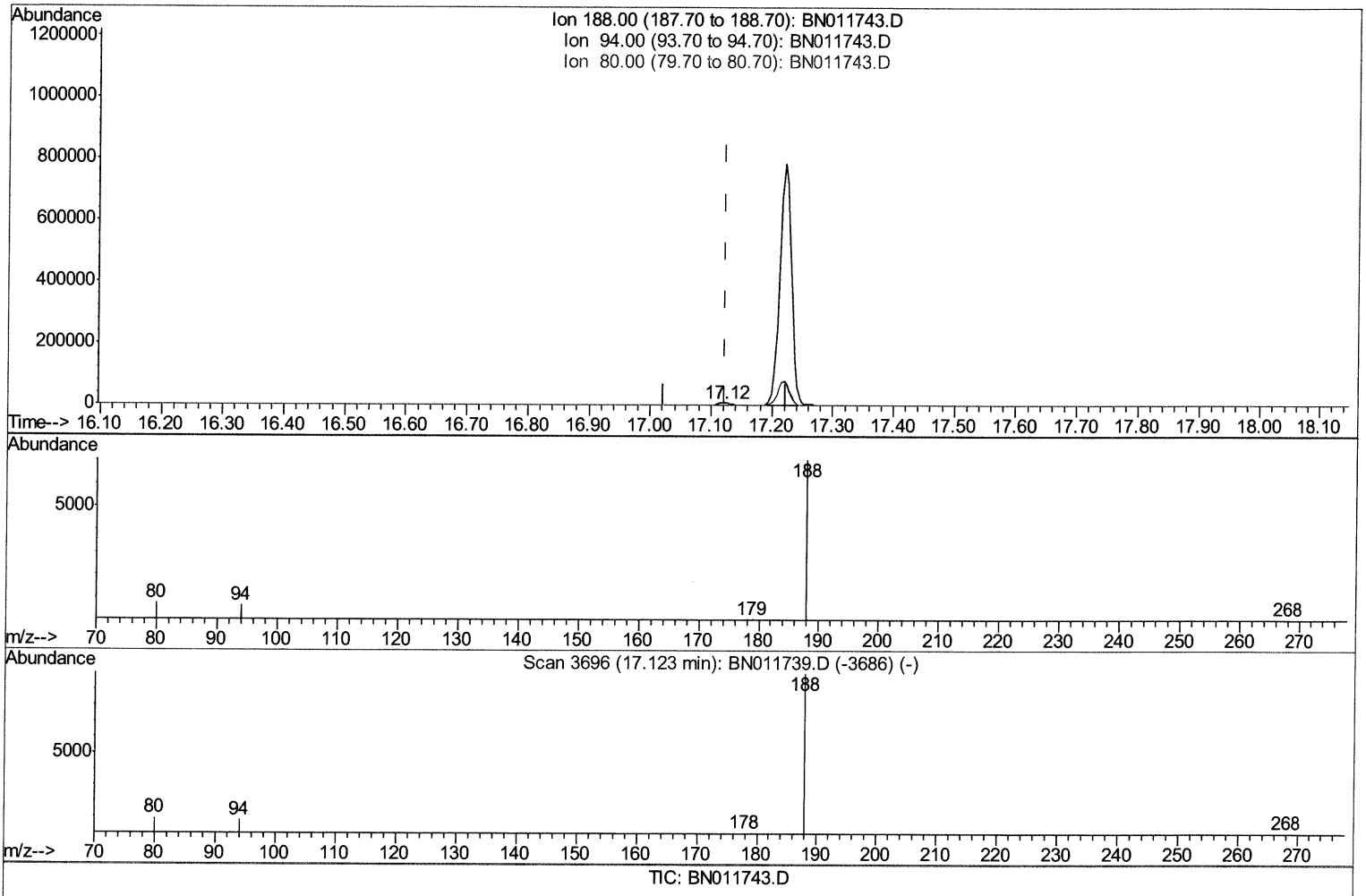
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 09 06:36:45 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 :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM



(10) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m 09/09/20 JU

response 9975

Ion	Exp%	Act%
188.00	100	100
94.00	8.40	9.42
80.00	9.90	10.81
0.00	0.00	0.00

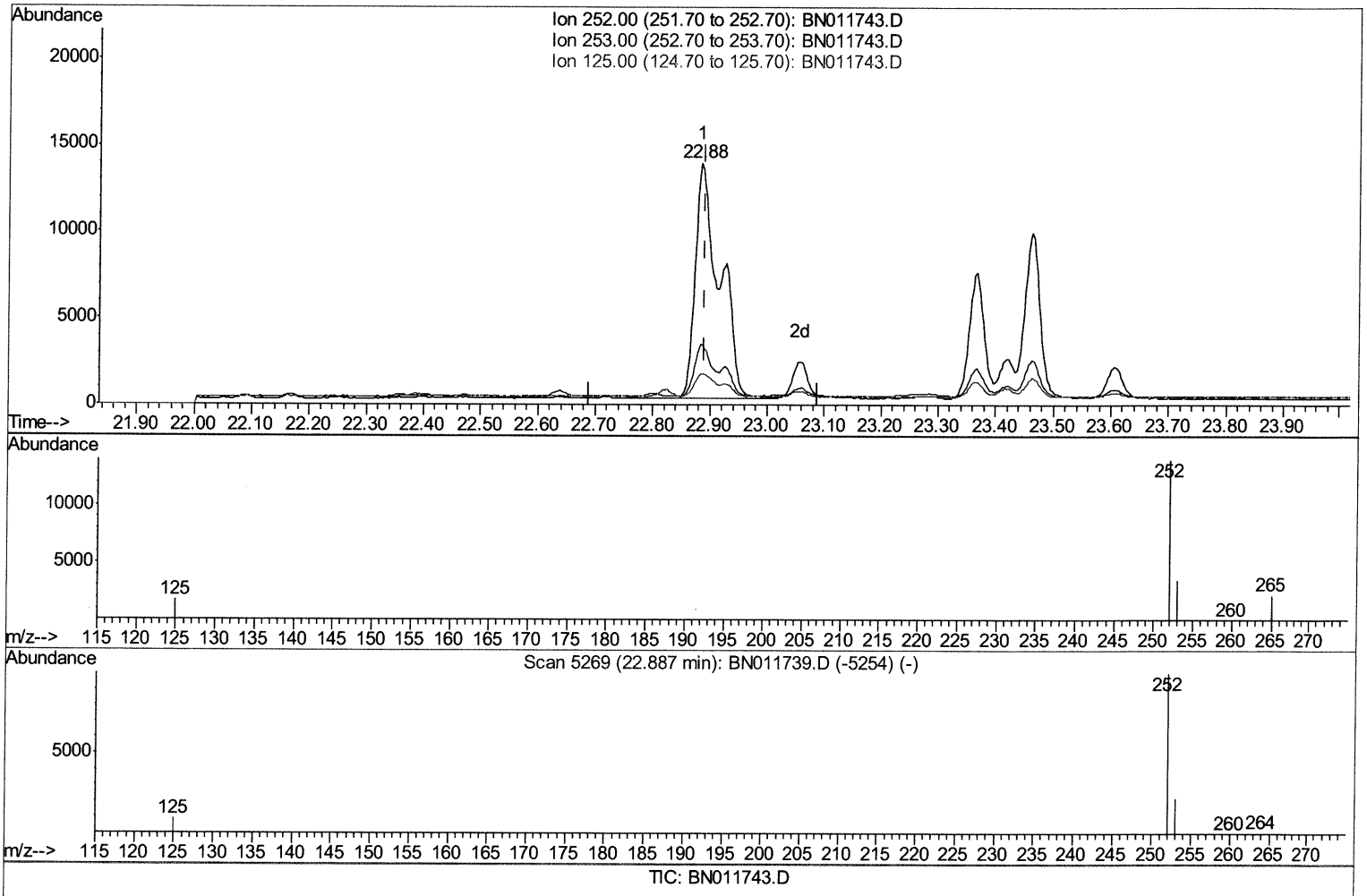
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 09 06:42:19 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 :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM



TIC: BN011743.D

(21) Benzo(b)fluoranthene

22.884min (-0.006) 0.96ng/ul

response 40435

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	25.06
125.00	11.80	12.54
0.00	0.00	0.00

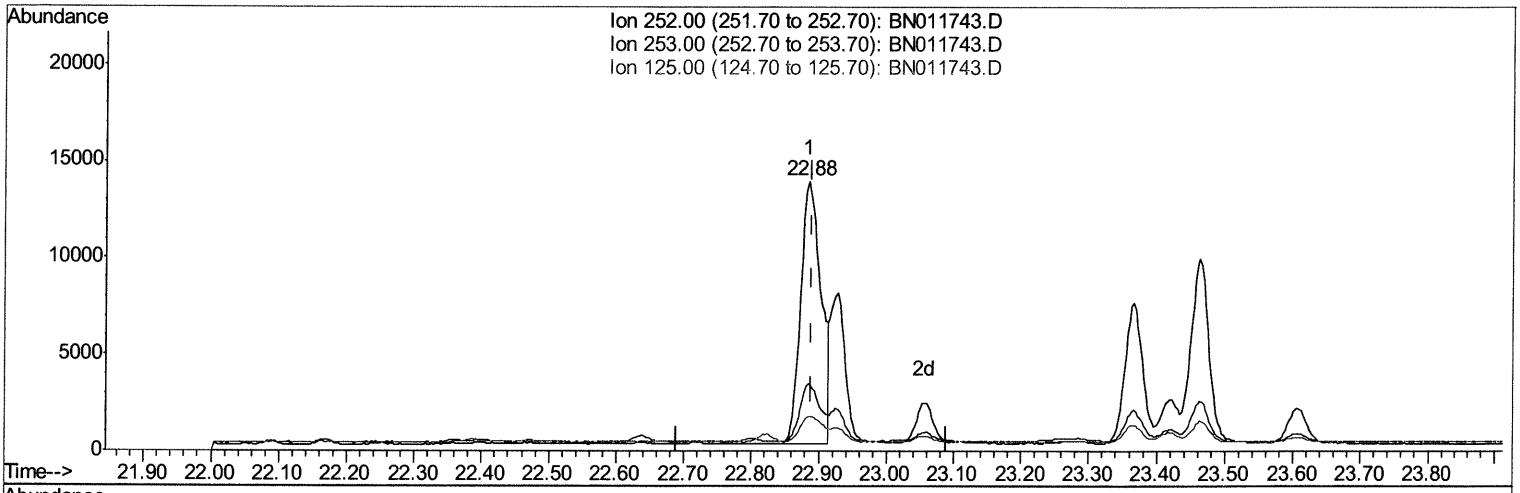
Quantitation Report (Qedit)

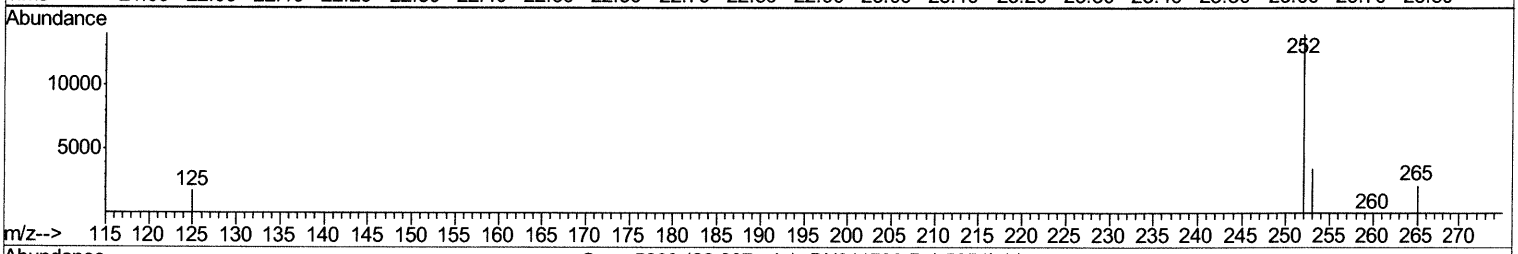
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

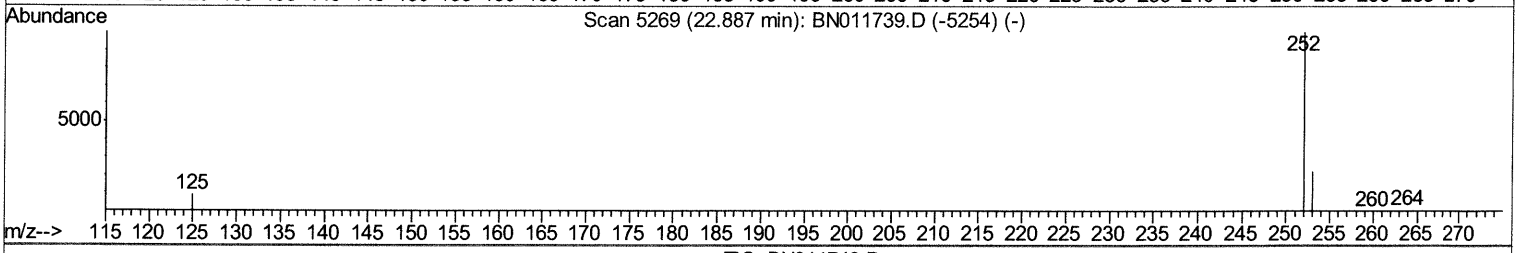
Quant Time: Sep 09 06:42:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM







TIC: BN011743.D

(21) Benzo(b)fluoranthene

22.884min (-0.006) 0.67ng/ul m 09/09/20 JU

response 28209

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	25.06
125.00	11.80	12.54
0.00	0.00	0.00

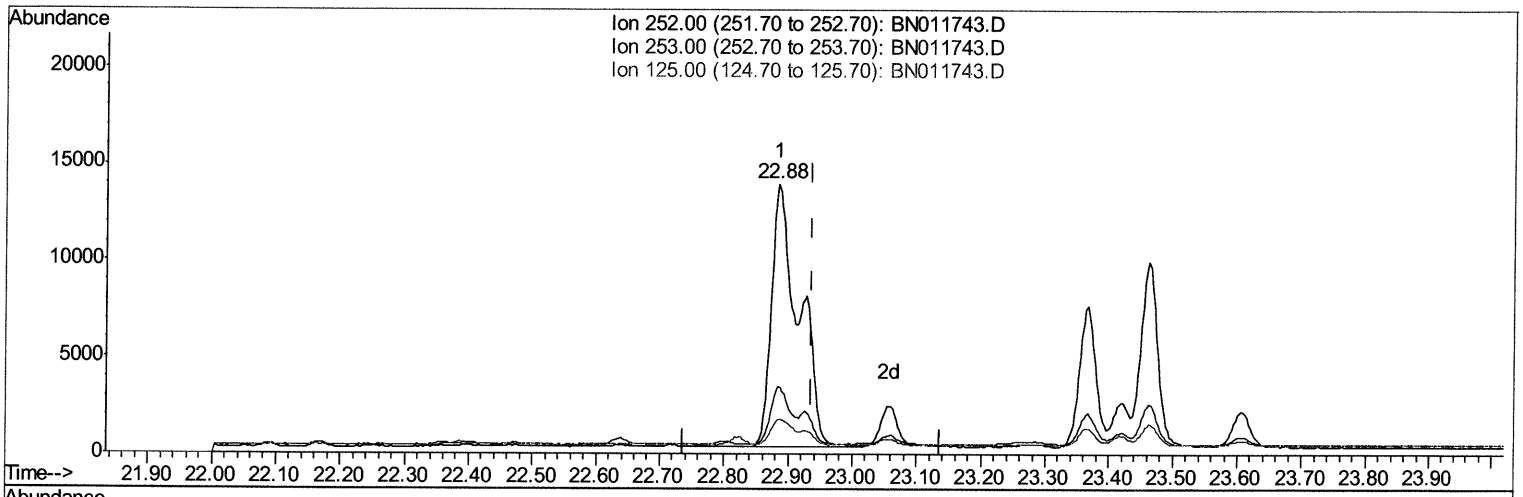
Quantitation Report (Qedit)

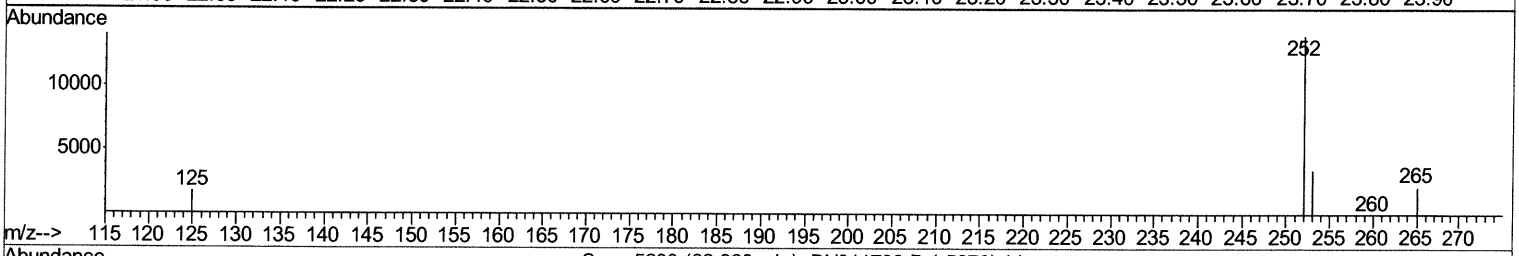
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

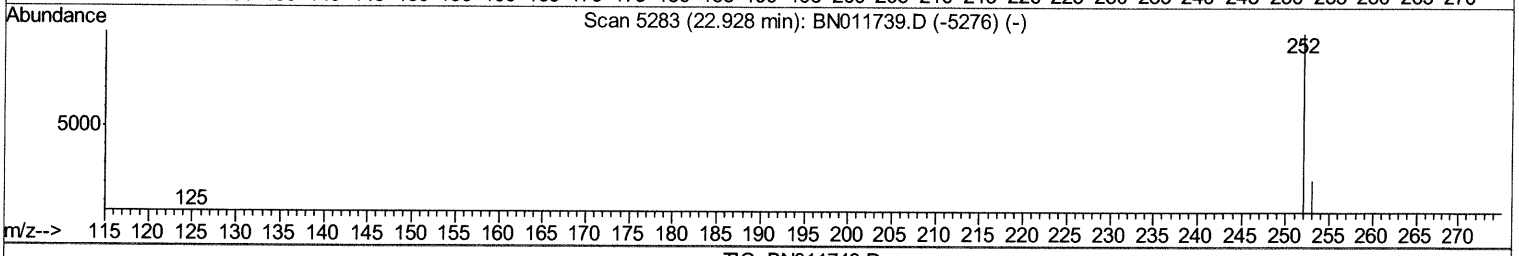
Quant Time: Sep 09 06:42:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM







TIC: BN011743.D

(22) Benzo(k)fluoranthene

22.884min (-0.053) 0.93ng/ul

response 40435

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	25.06
125.00	12.10	12.54
0.00	0.00	0.00

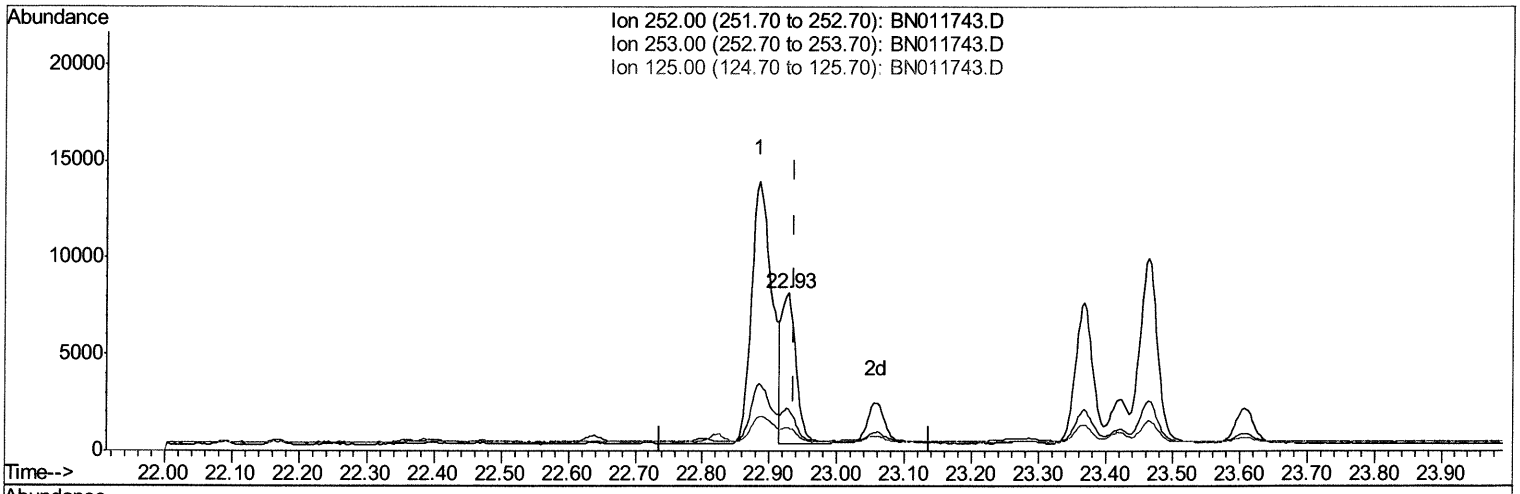
Quantitation Report (Qedit)

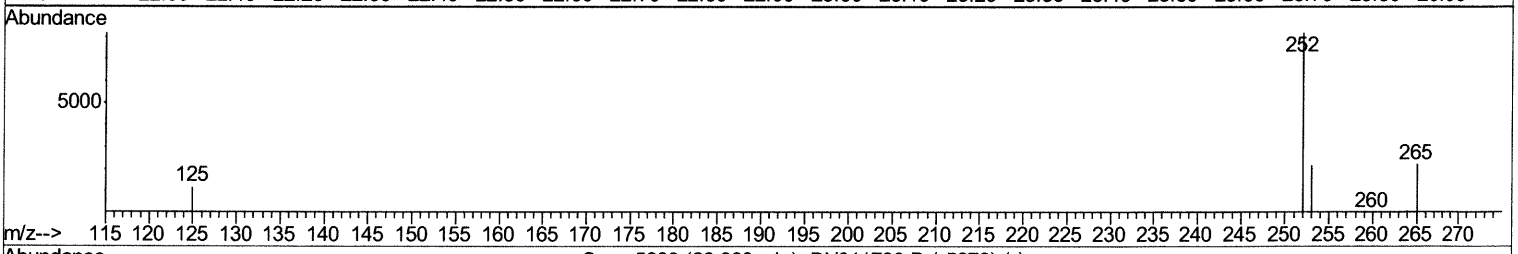
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

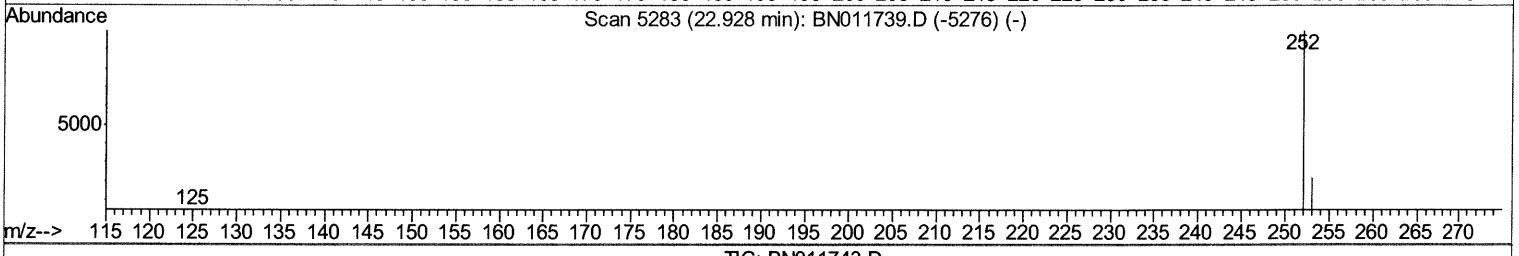
Quant Time: Sep 09 06:42:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 06:29:50 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM







TIC: BN011743.D

(22) Benzo(k)fluoranthene

22.928min (-0.009) 0.28ng/ul m 09/09/20 JU

response 12005

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	26.70
125.00	12.10	14.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011743.D
Acq On : 08 Sep 2020 18:54
Operator : CG/JU
Sample : L3840-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:07 PM

Quant Time: Sep 09 06:43:44 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	2034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7959	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4836	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9975m>	0.40	ng/ul>	0.00
16) Chrysene-d12	21.31	240	8741	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	9031	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5551	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11715	0.45	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1271	0.054	ng/ul#	85
7) Acenaphthylene	14.09	152	2808	0.120	ng/ul	96
9) Fluorene	15.43	166	513	0.024	ng/ul#	96
12) Phenanthrene	17.16	178	3319	0.099	ng/ul	97
13) Anthracene	17.25	178	5015	0.168	ng/ul	98
15) Fluoranthene	19.18	202	5632	0.151	ng/ul	94
17) Pyrene	19.54	202	15798	0.407	ng/ul#	92
18) Benzo(a)anthracene	21.29	228	12262	0.361	ng/ul	96
19) Chrysene	21.35	228	29085	0.766	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	28209m+	0.666	ng/ul+	
22) Benzo(k)fluoranthene	22.93	252	12005m+	0.277	ng/ul+	
23) Benzo(a)pyrene	23.46	252	17628	0.482	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.82	276	10930	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	3159	0.081	ng/ul#	76
26) Benzo(g,h,i)perylene	26.51	276	10543	0.251	ng/ul	95

09/09/20 JU

09/09/20 JU

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