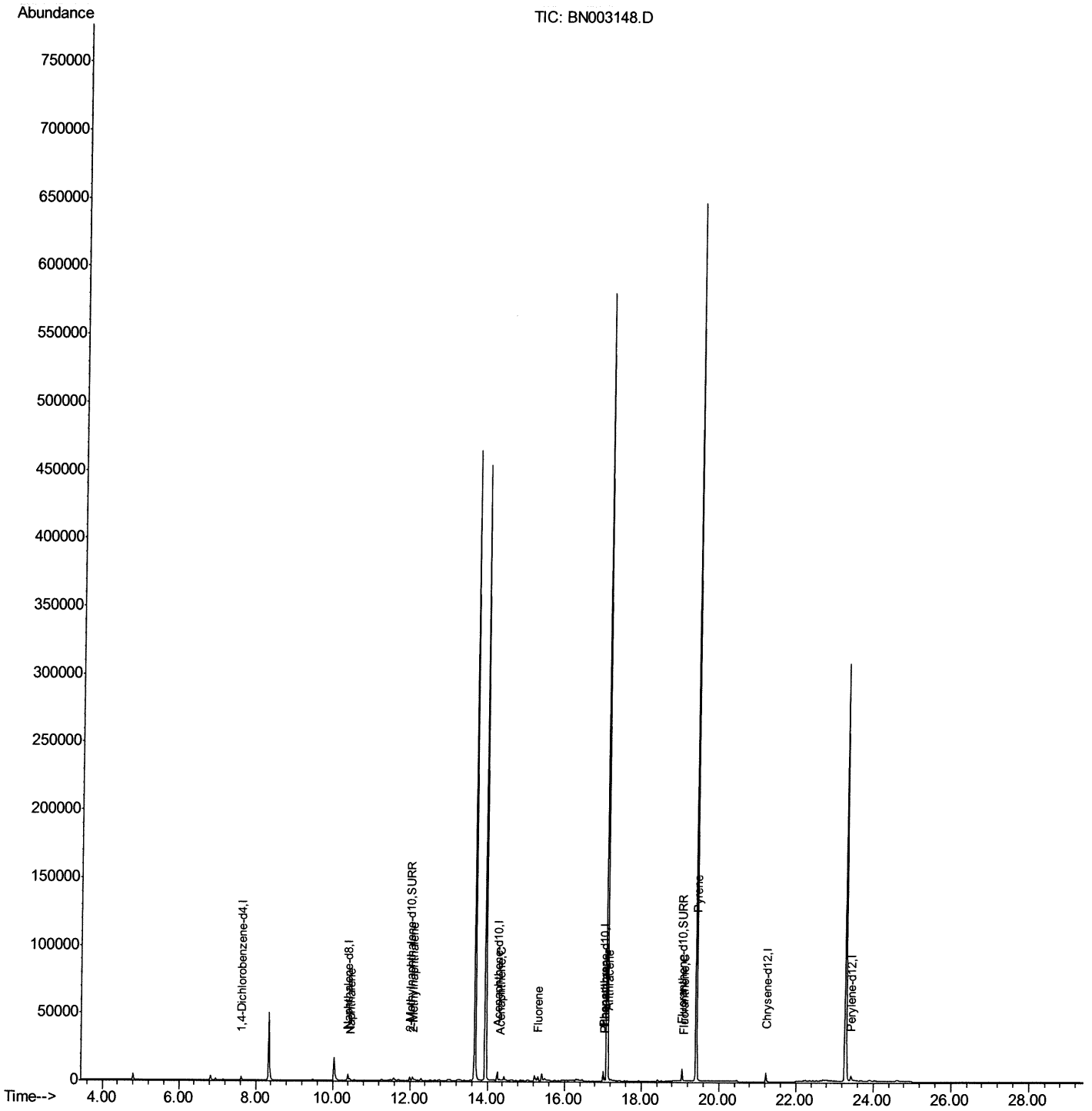
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:25:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



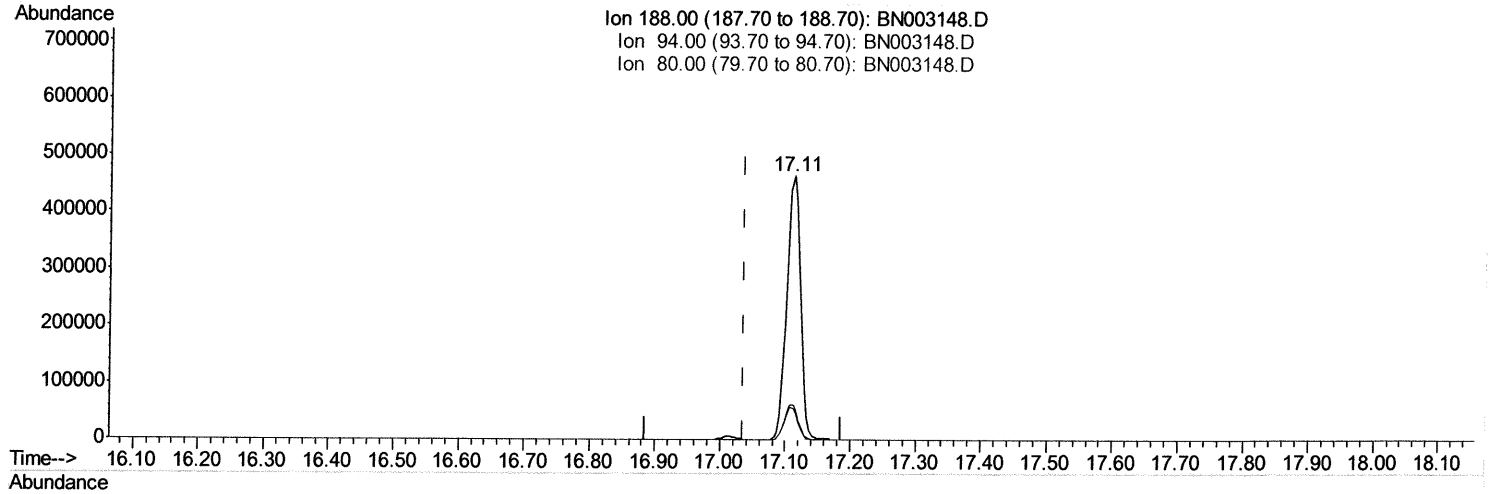
Quantitation Report (Qedit)

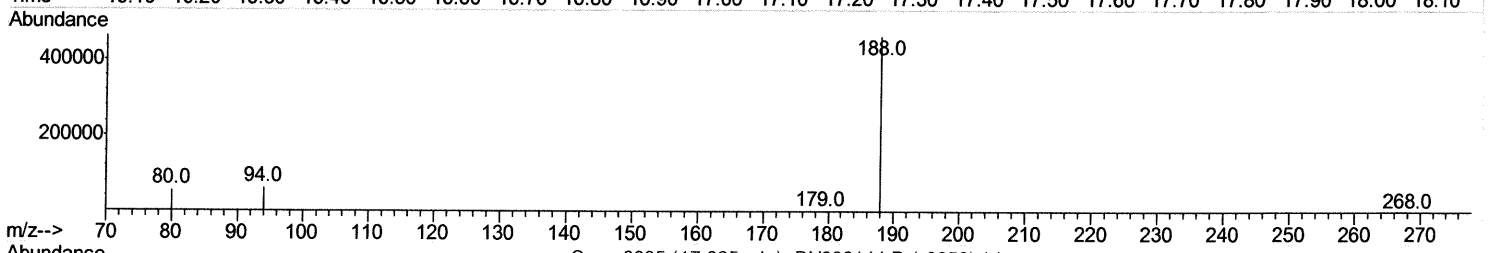
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

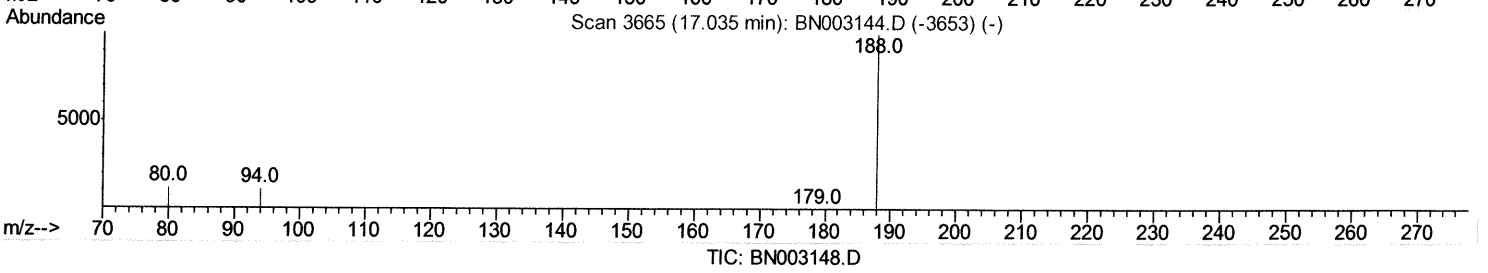
Quant Time: Oct 13 04:57:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM







TIC: BN003148.D

(10) Phenanthrene-d10 (I)

17.111min (+0.076) 0.40ng/ul

response 676021

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.03
80.00	12.70	11.87
0.00	0.00	0.00

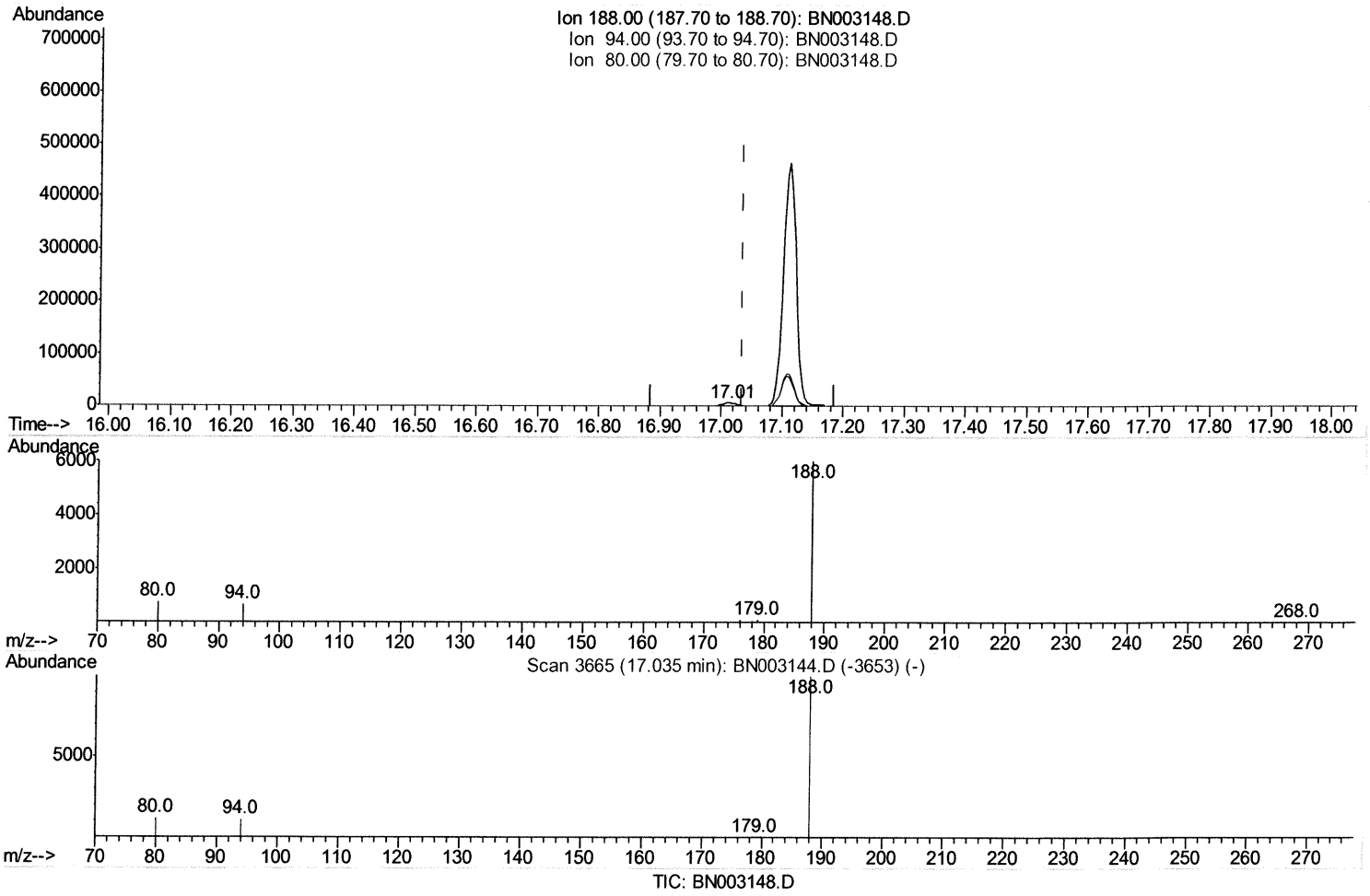
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 04:57:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



TIC: BN003148.D

(10) Phenanthrene-d10 (I)

17.014min (-0.021) 0.40ng/ul m SJ 10/19/18

response 8647

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	11.88
80.00	12.70	13.18
0.00	0.00	0.00

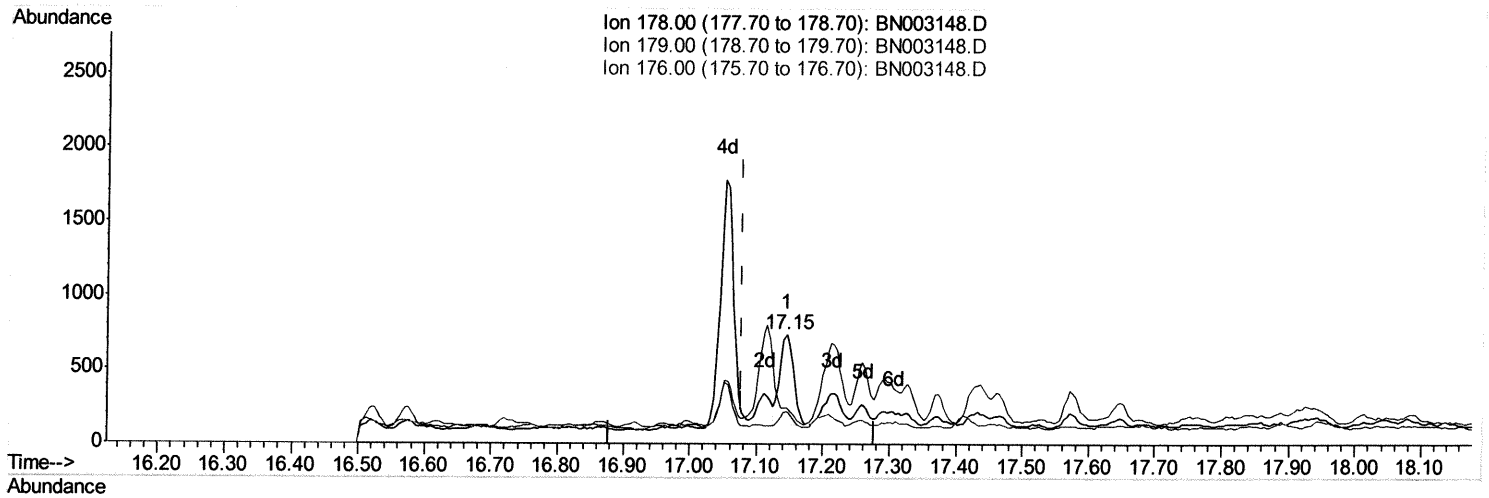
Quantitation Report (Qedit)

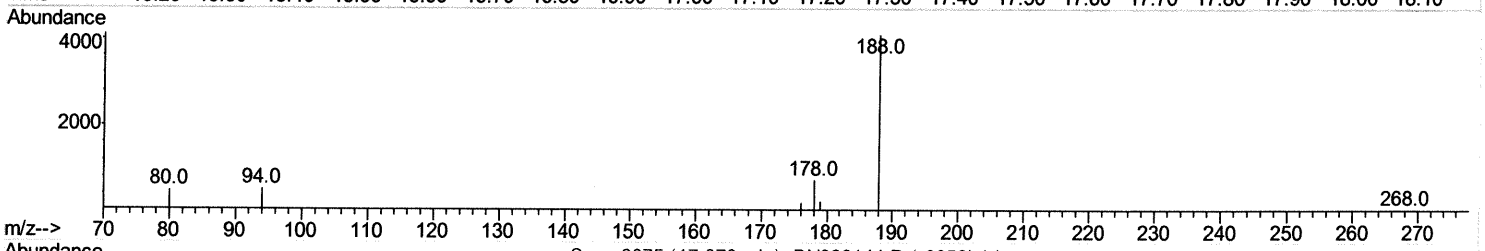
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

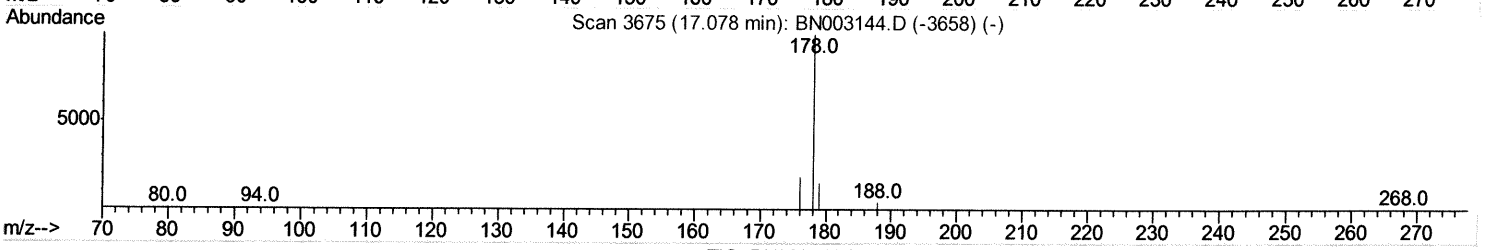
Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM





Scan 3675 (17.078 min): BN003144.D (-3658) (-)



TIC: BN003148.D

(12) Phenanthrene

17.145min (+0.067) 0.04ng/ul

response 884

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	33.11#
176.00	19.30	29.46#
0.00	0.00	0.00

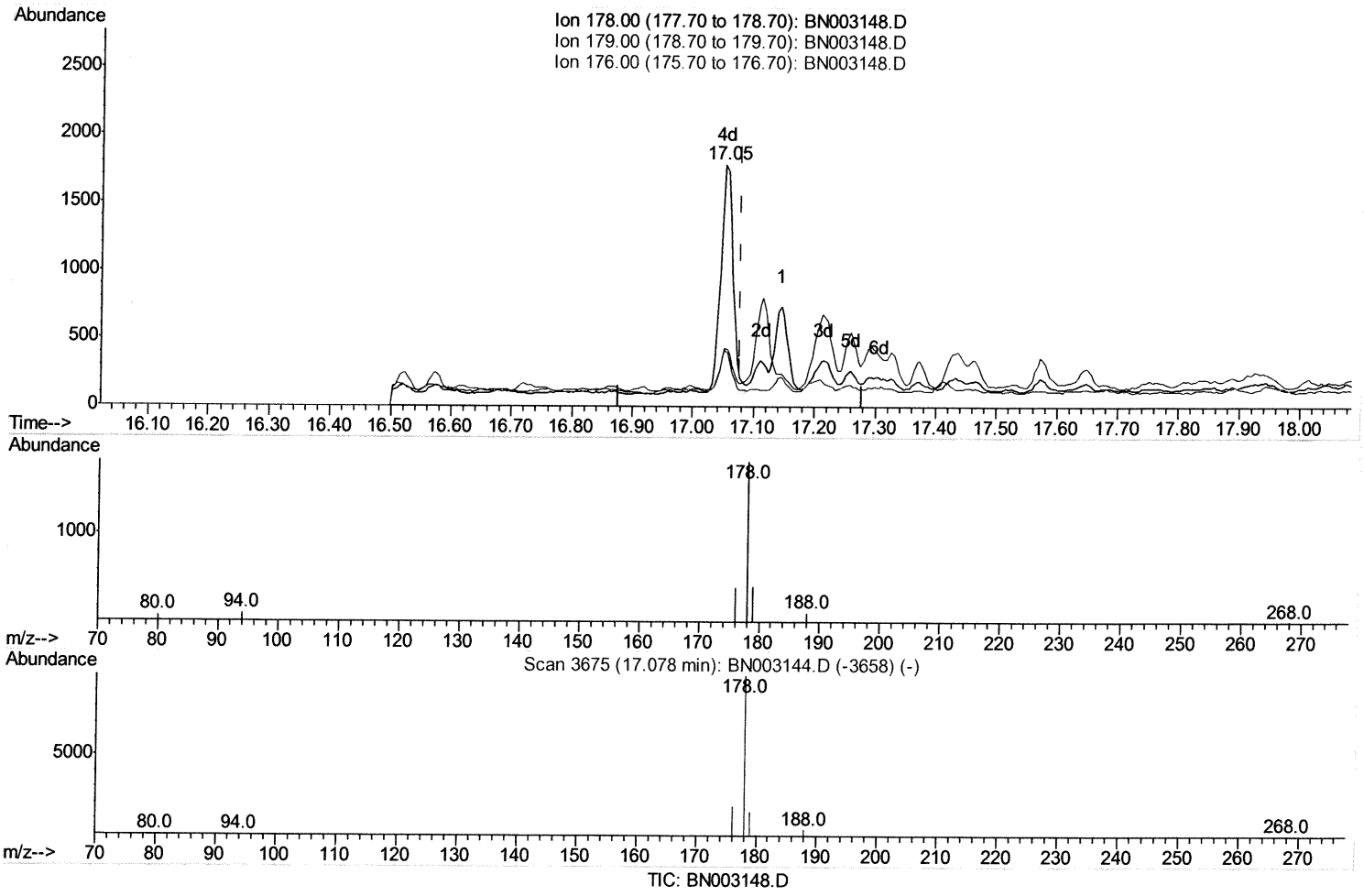
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



(12) Phenanthrene

17.052min (-0.025) 0.10ng/ul m SJ 10/19/18

response 2397

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	23.88#
176.00	19.30	23.26#
0.00	0.00	0.00

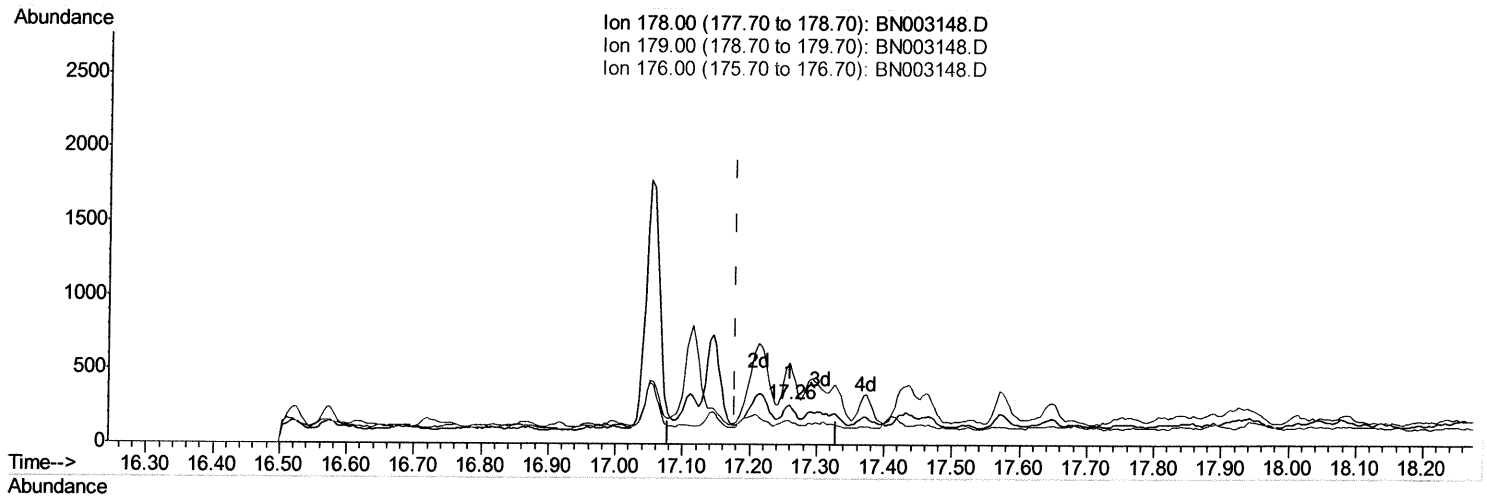
Quantitation Report (Qedit)

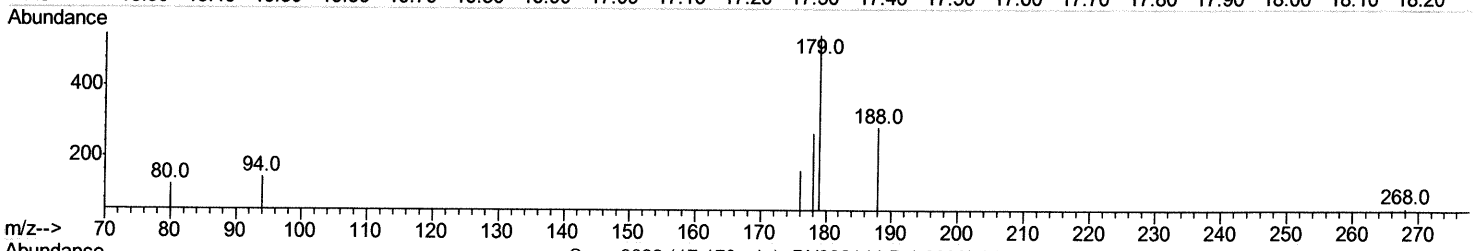
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

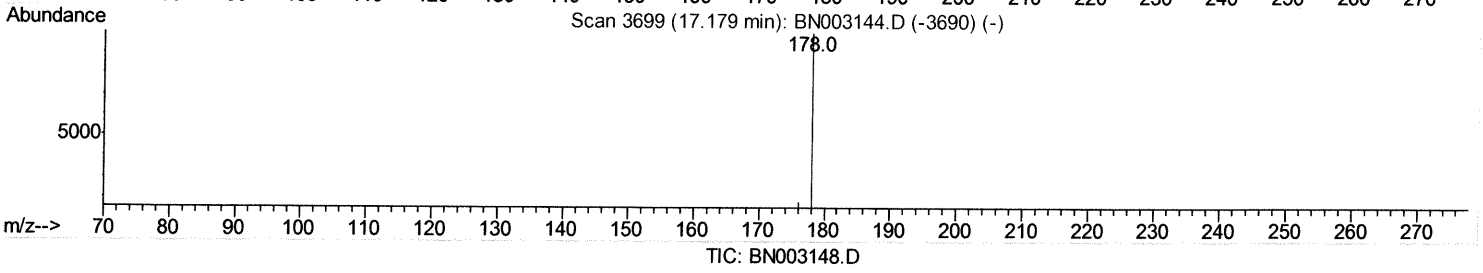
Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM







TIC: BN003148.D

(13) Anthracene

17.259min (+0.080) 0.01ng/ul

response 168

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	204.09#
176.00	19.10	60.59#
0.00	0.00	0.00

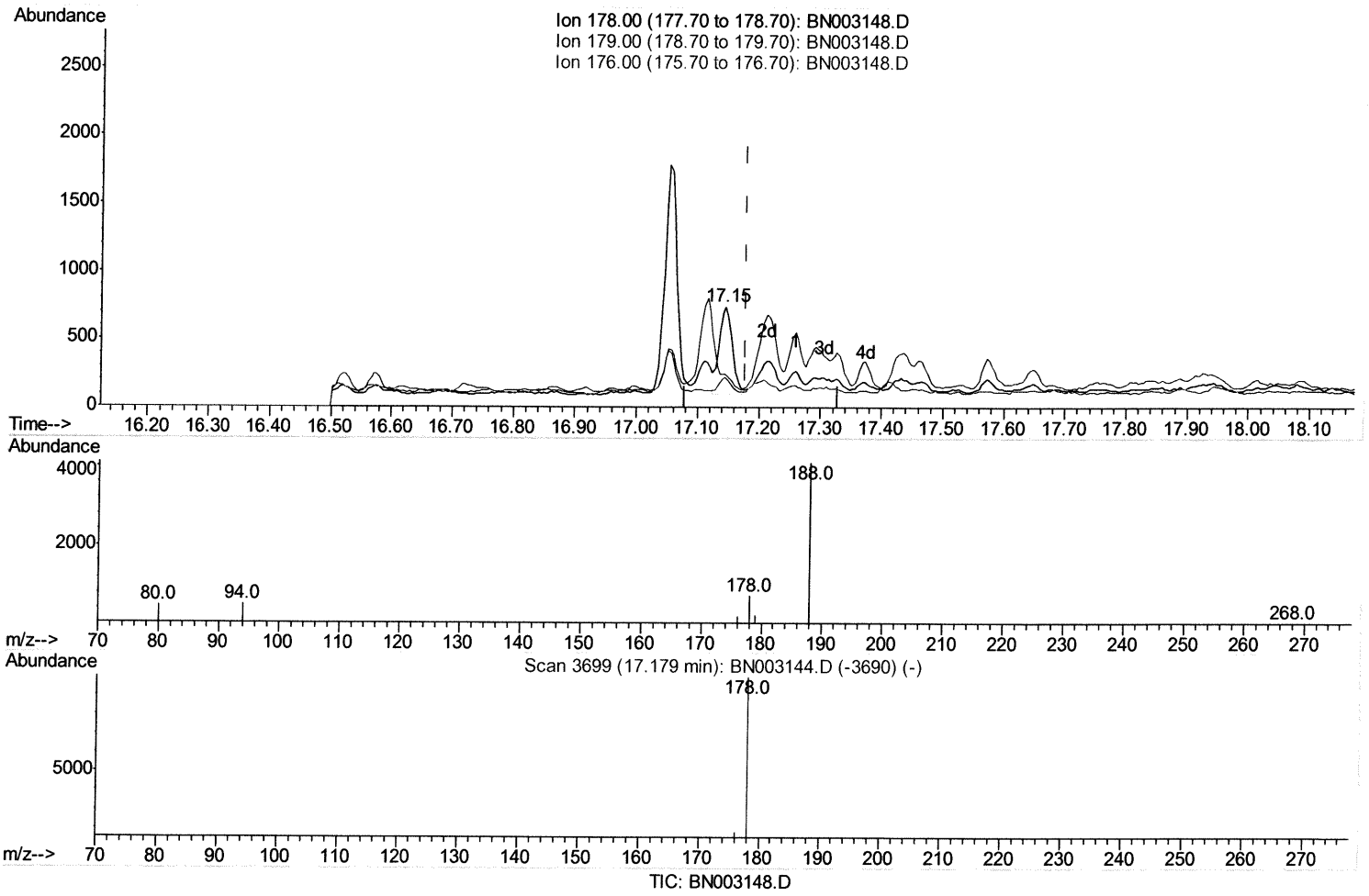
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



TIC: BN003148.D

(13) Anthracene

17.145min (-0.034) 0.04ng/ul m SJ 10/19/18

response 963

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	33.11#
176.00	19.10	29.46#
0.00	0.00	0.00

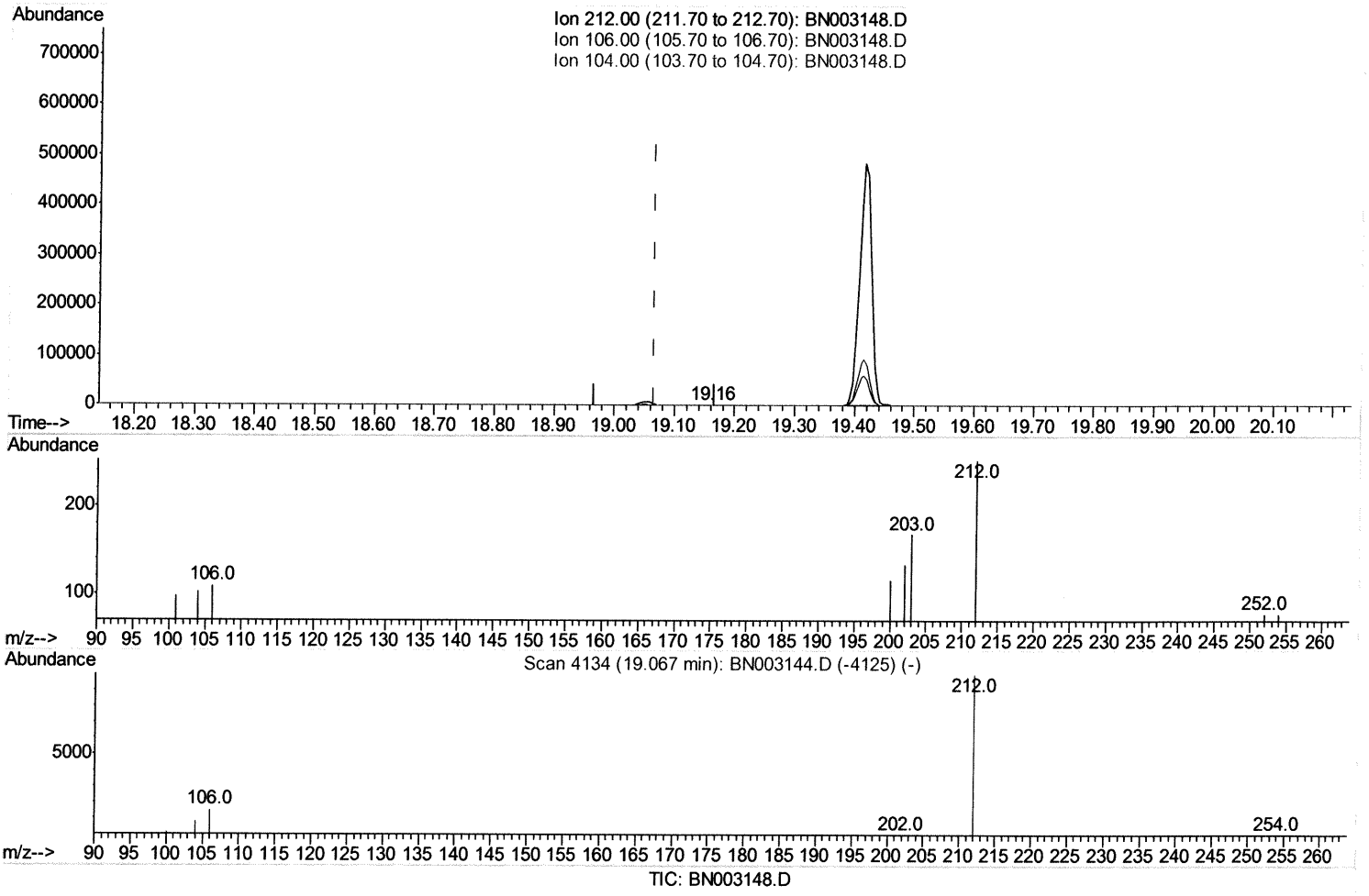
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



TIC: BN003148.D

(14) Fluoranthene-d10 (SURR)

19.160min (+0.093) 0.01ng/ul

response 356

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

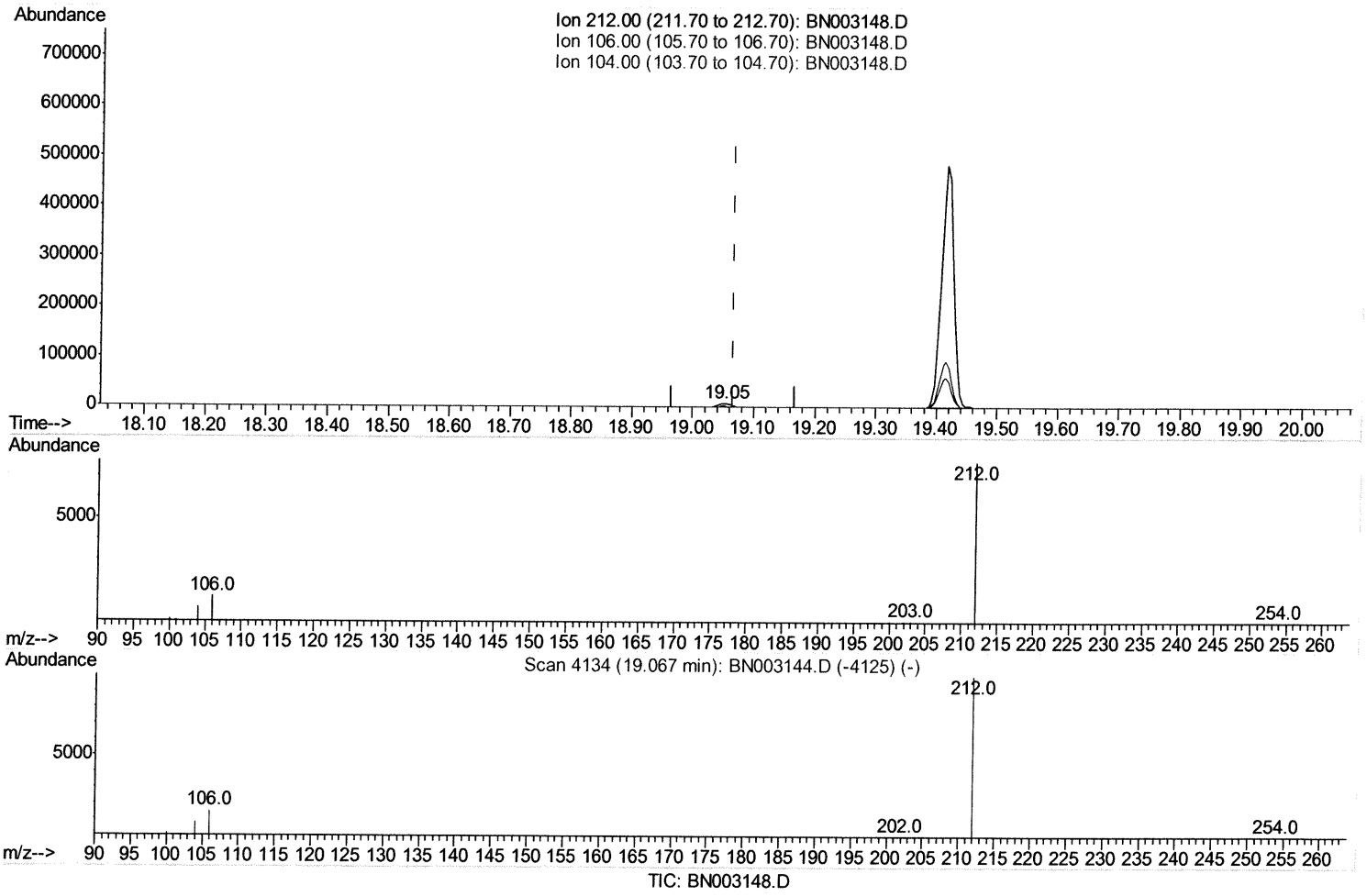
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



TIC: BN003148.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.43ng/ul m SJ 10/19/18

response 10545

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

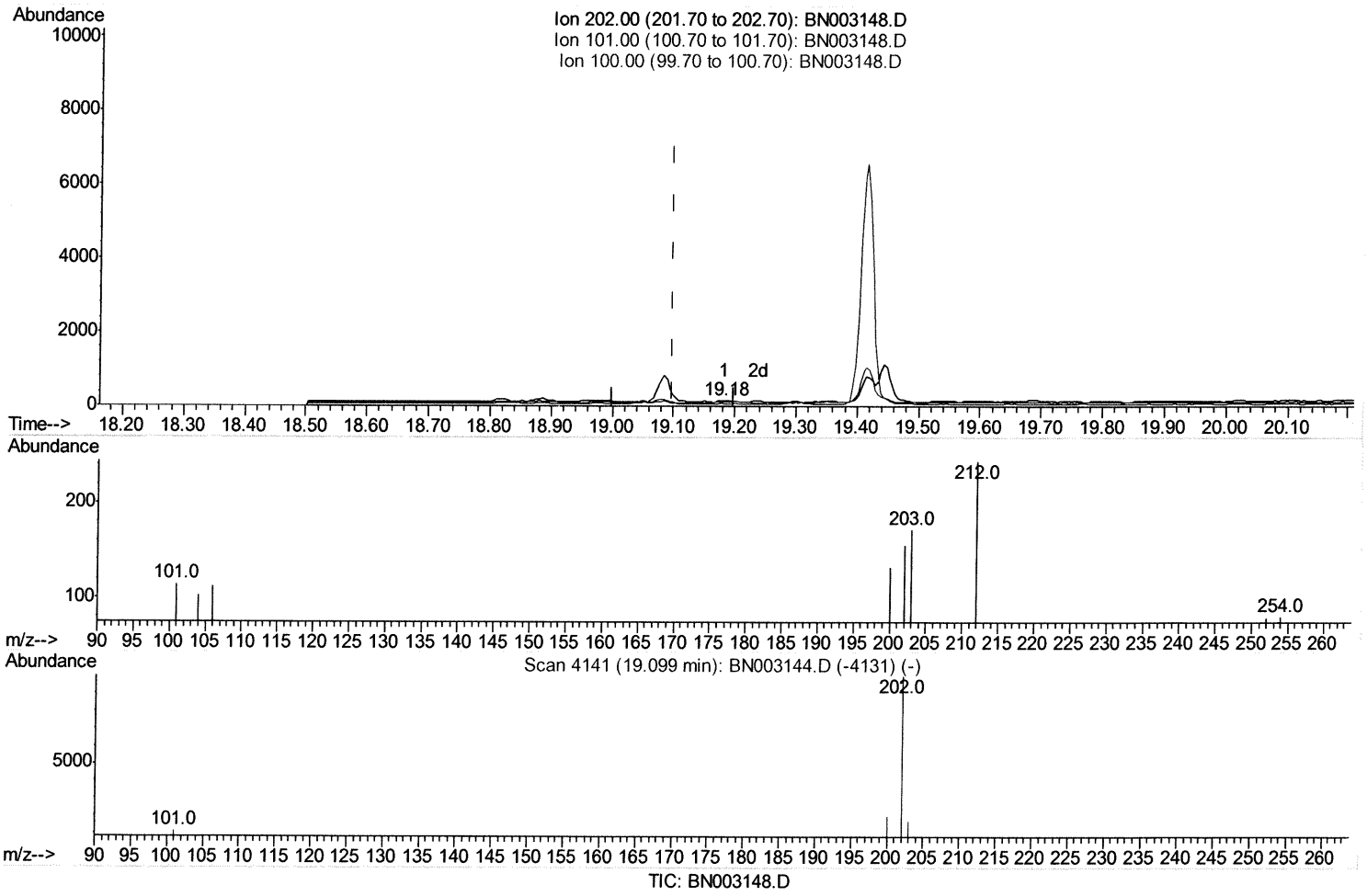
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



TIC: BN003148.D

(15) Fluoranthene (C)

19.183min (+0.084) 0.00ng/ul

response 44

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	73.08#
100.00	9.10	47.44#
0.00	0.00	0.00

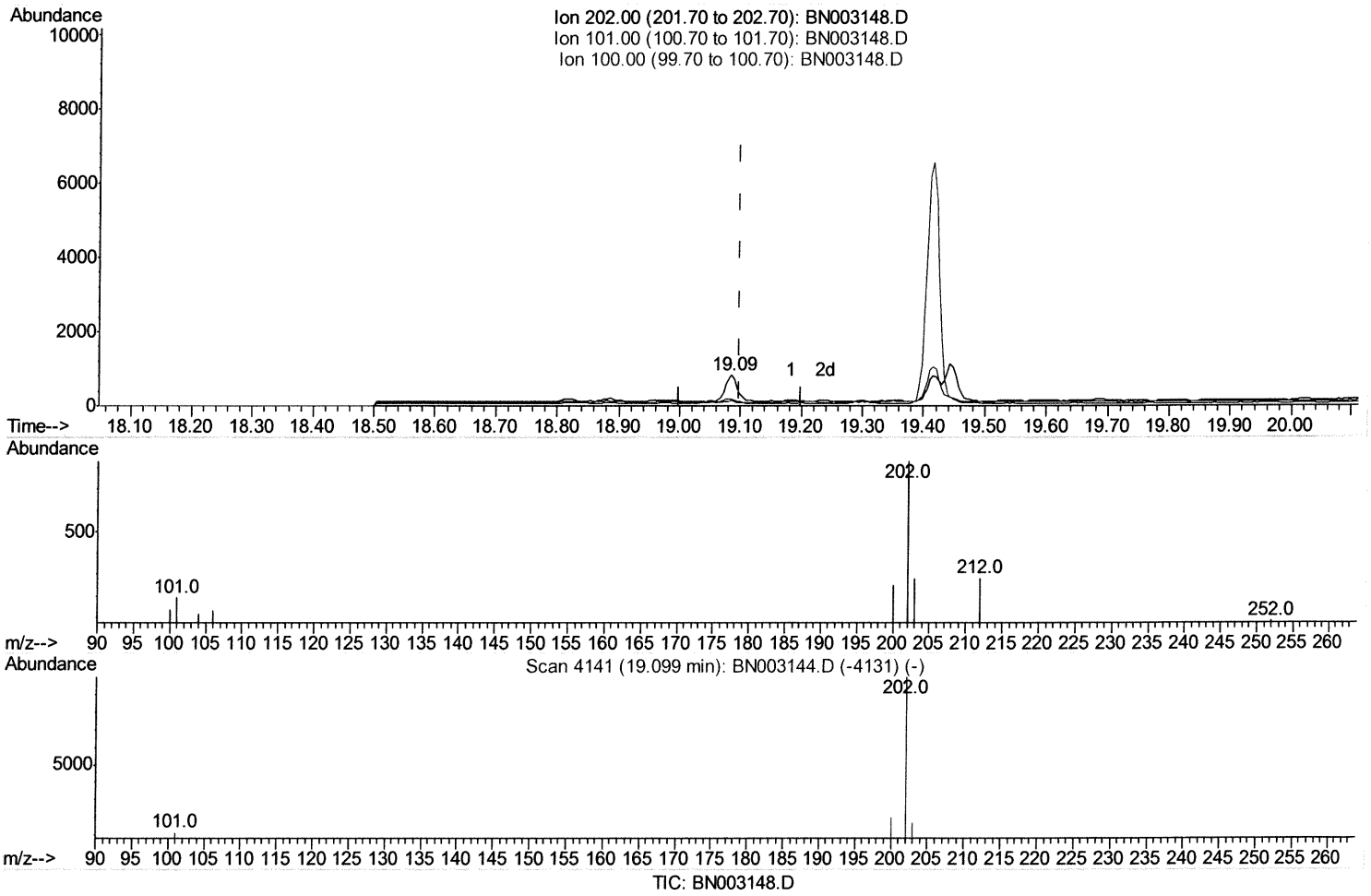
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



TIC: BN003148.D

(15) Fluoranthene (C)

19.085min (-0.014) 0.04ng/ul m SJ 10/19/18

response 1027

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	22.96
100.00	9.10	16.47
0.00	0.00	0.00

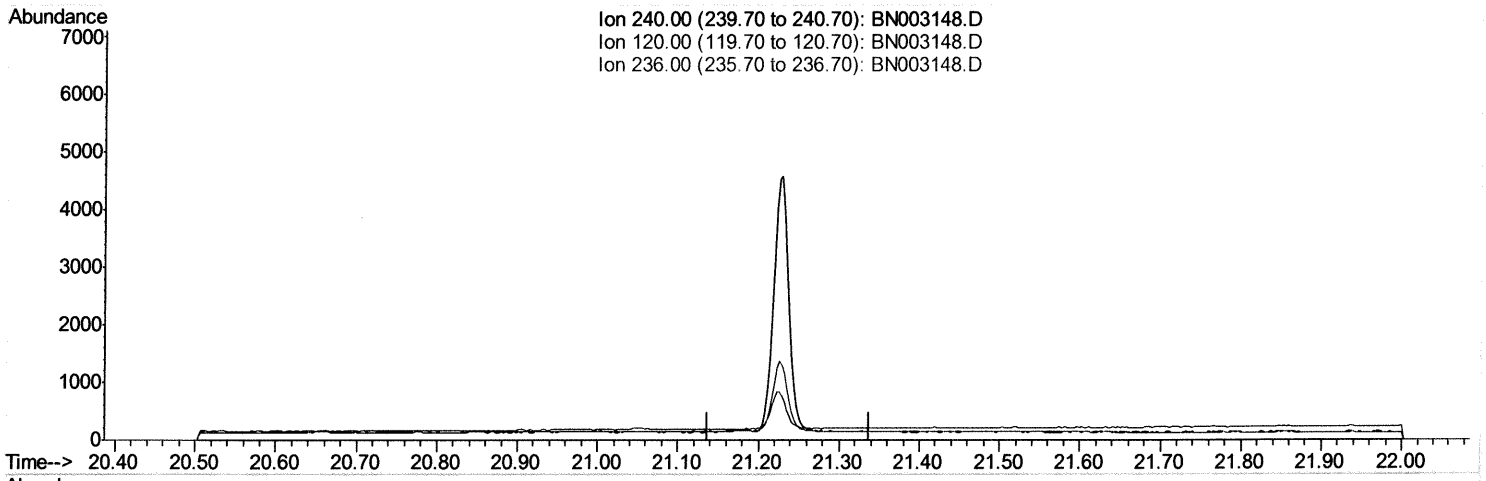
Quantitation Report (Qedit)

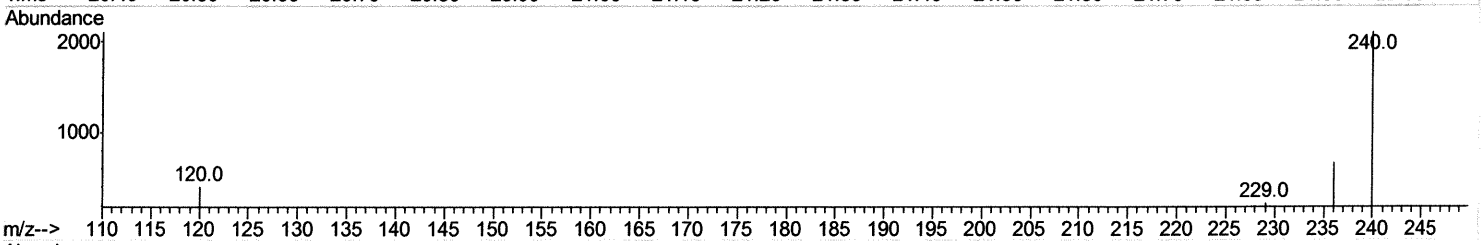
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

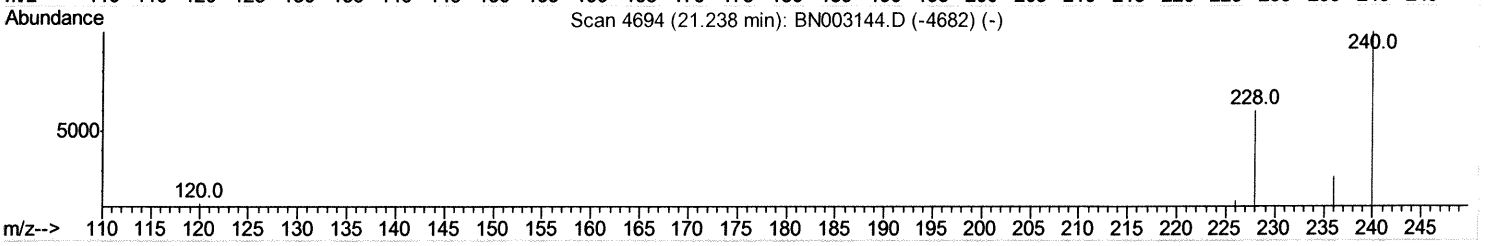
Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM





Scan 4694 (21.238 min): BN003144.D (-4682) (-)



TIC: BN003148.D

(16) Chrysene-d12 (I)

21.238min (-21.238) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.40	0.00#
236.00	28.10	0.00#
0.00	0.00	0.00

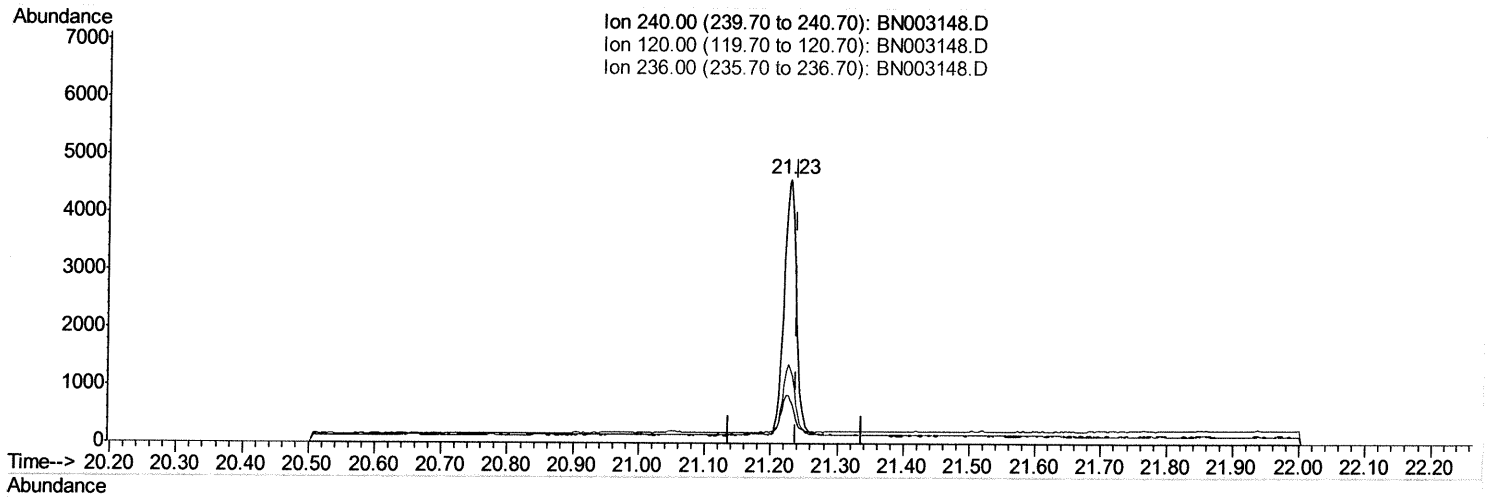
Quantitation Report (Qedit)

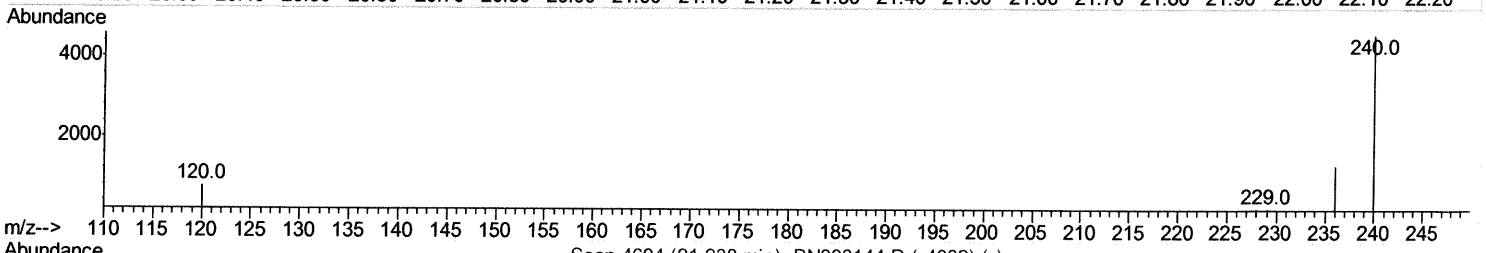
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:22:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

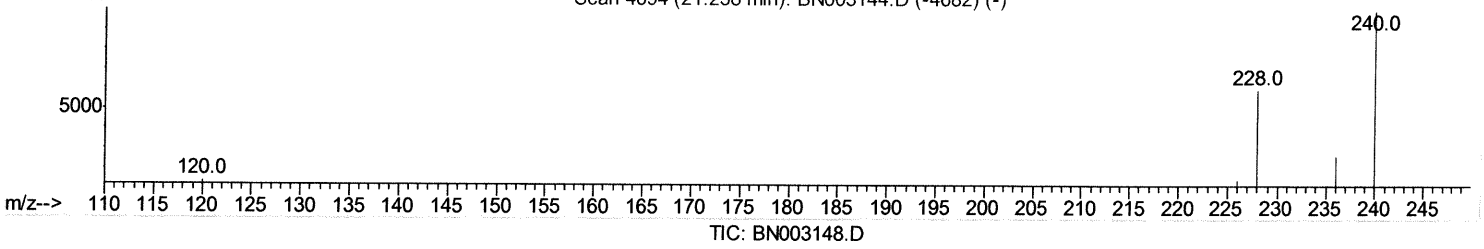
Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM





Scan 4694 (21.238 min): BN003144.D (-4682) (-)



TIC: BN003148.D

(16) Chrysene-d12 (I)

21.229min (-0.009) 0.40ng/ul m SJ 10/19/18

response 5628

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	16.83
236.00	28.10	28.63
0.00	0.00	0.00

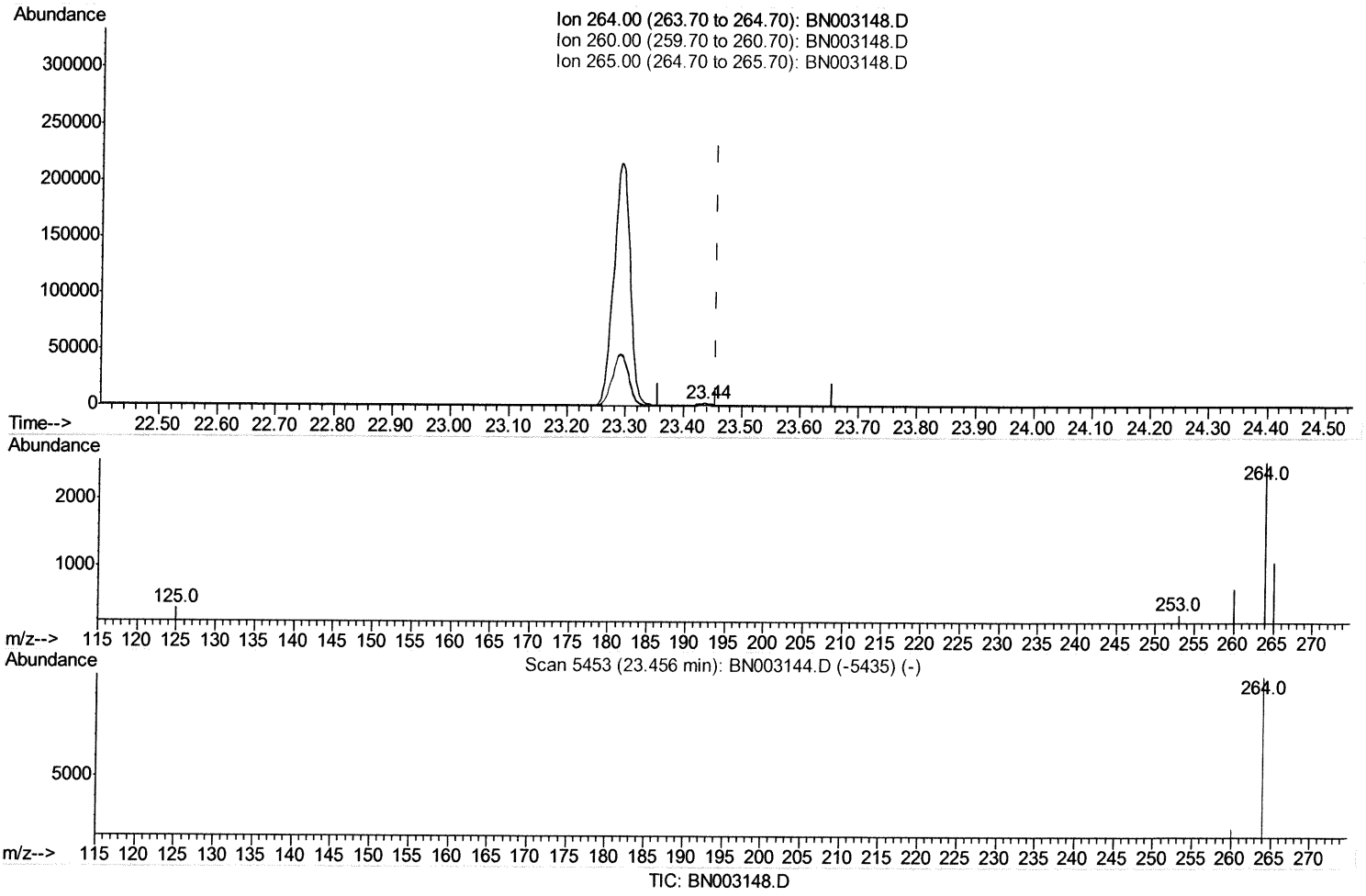
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 05:24:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM



TIC: BN003148.D

(20) Perylene-d12 (I)

23.438min (-0.018) 0.40ng/ul

response 4985

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	26.99
265.00	45.40	42.05
0.00	0.00	0.00

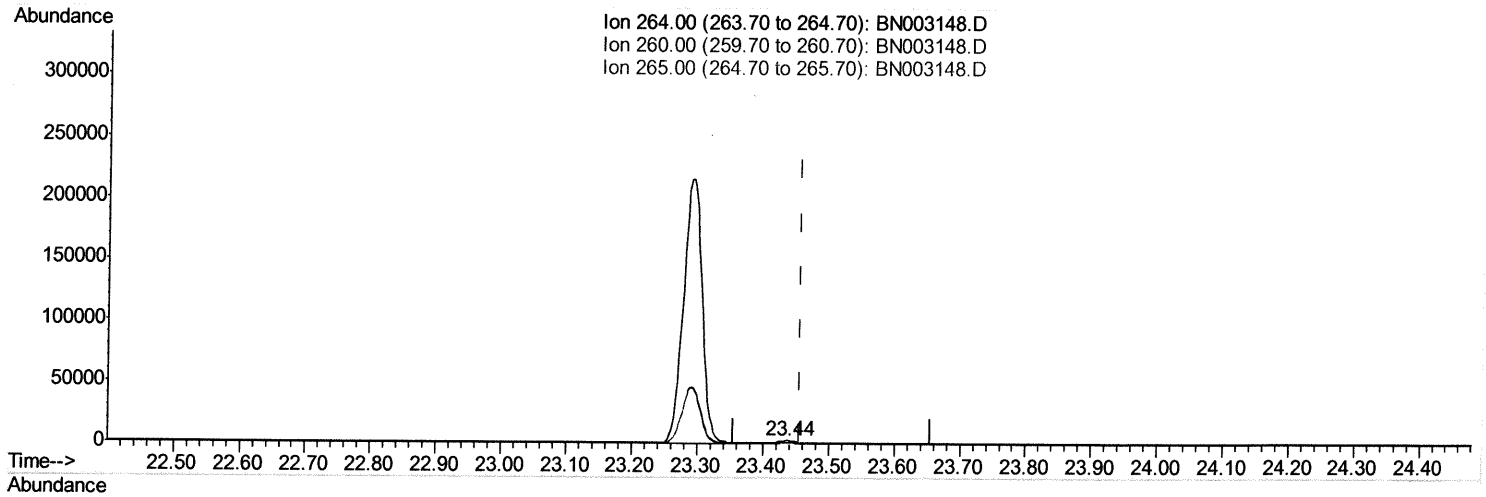
Quantitation Report (Qedit)

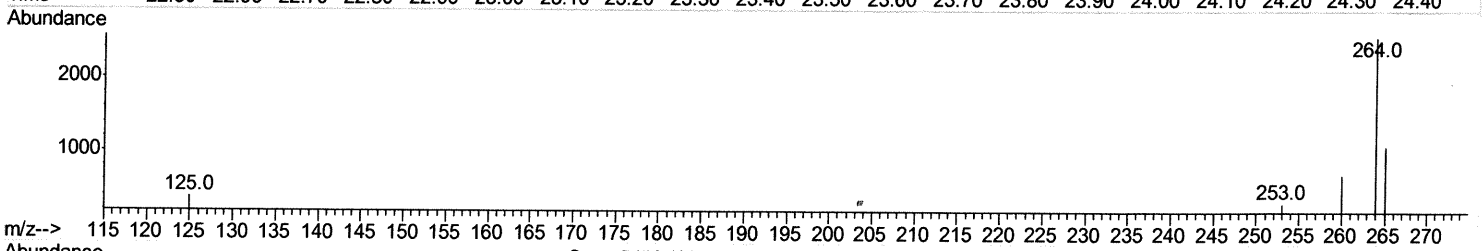
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

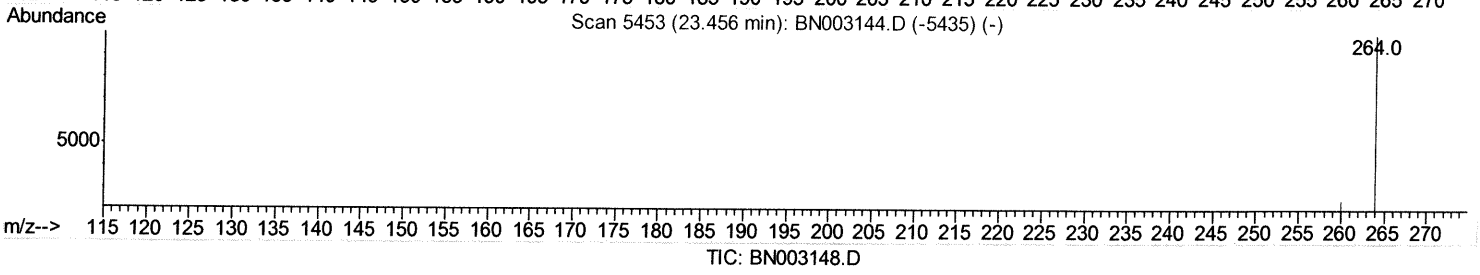
Quant Time: Oct 13 05:24:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM







(20) Perylene-d12 (I)

23.438min (-0.018) 0.40ng/ul m SJ 10/19/18

response 4254

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	26.99
265.00	45.40	42.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
Data File : BN003148.D
Acq On : 12 Oct 2018 20:25
Operator : MJ/SJ
Sample : J5234-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK6

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:49 PM

Quant Time: Oct 13 05:25:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1547	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.39	136	6532	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4007	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8647m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5628m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4254m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4252	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	10545m	0.43	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1599	0.095	ng/ul#	89
5) 2-Methylnaphthalene	12.07	142	2360	0.205	ng/ul	97
8) Acenaphthene	14.32	153	365	0.026	ng/ul#	90
9) Fluorene	15.31	166	1957	0.123	ng/ul#	97
12) Phenanthrene	17.05	178	2397m	0.099	ng/ul	
13) Anthracene	17.15	178	963m	0.042	ng/ul	
15) Fluoranthene	19.09	202	1027m	0.036	ng/ul	
17) Pyrene	19.44	202	1336	0.061	ng/ul#	79

SJ 10/13/18

SJ 10/13/18

SJ 10/13/18

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