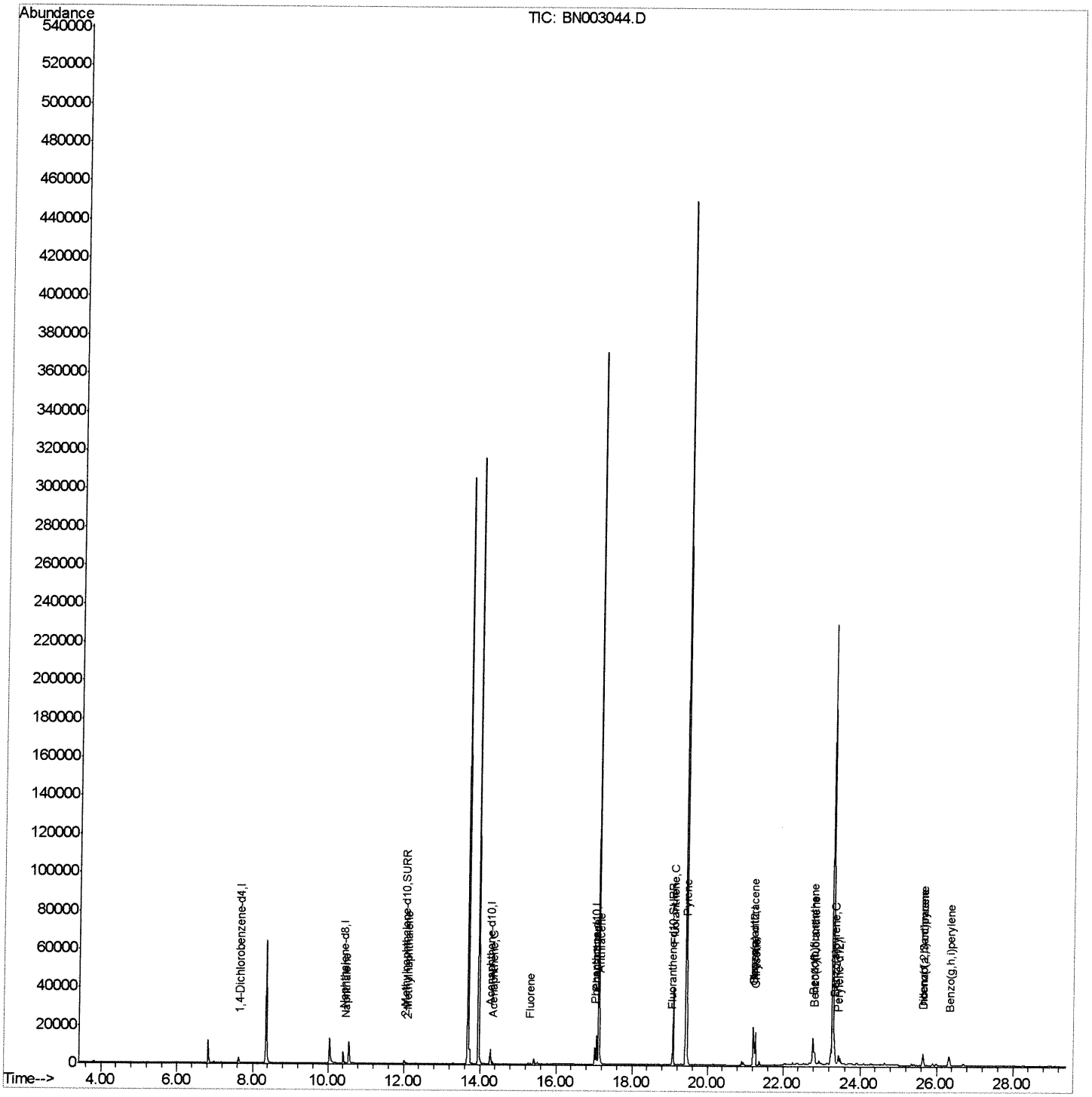
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:39:55 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



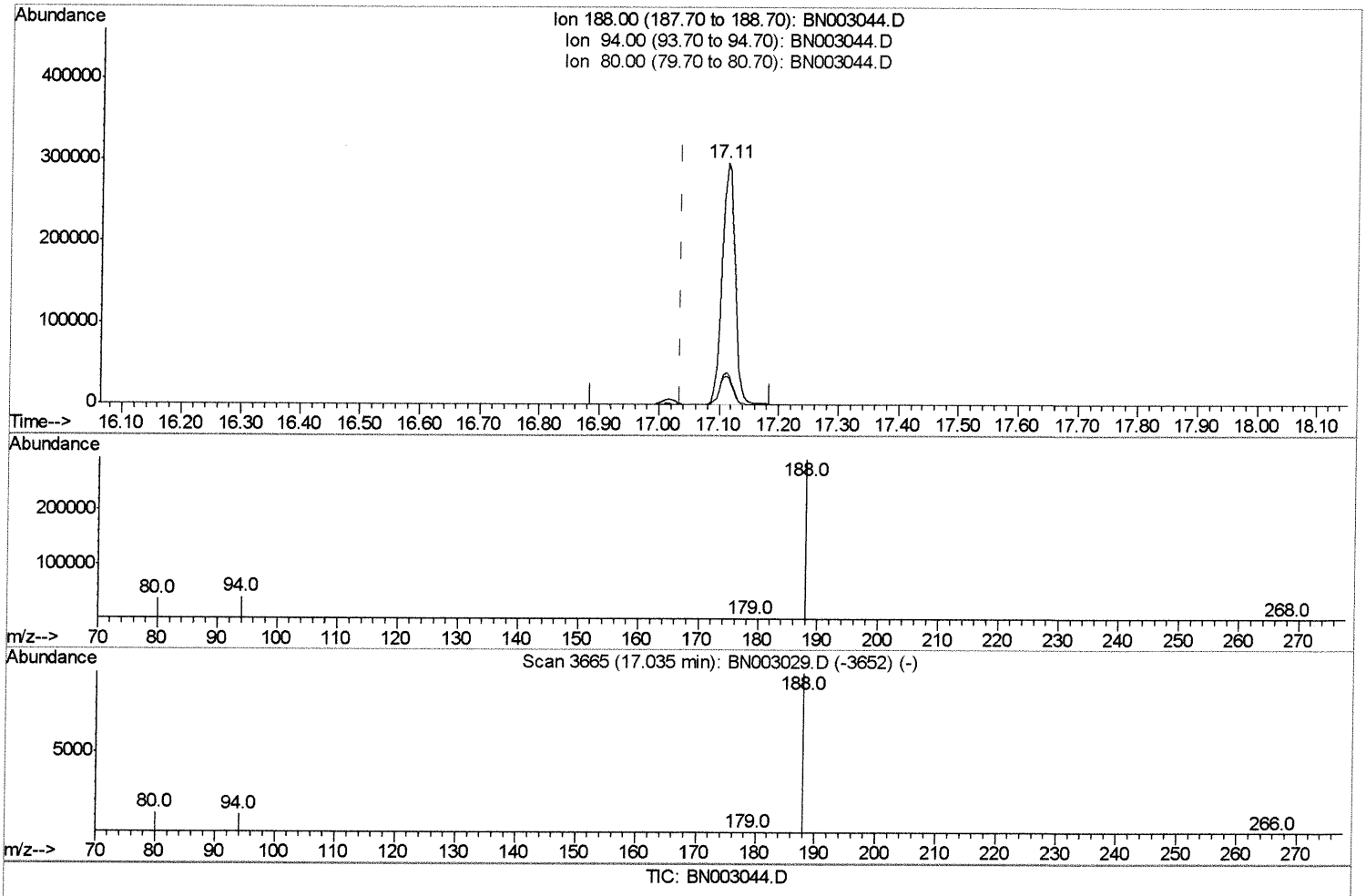
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:36:10 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(10) Phenanthrene-d10 (I)

17.111min (+0.076) 0.40ng/ul

response 446005

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.27
80.00	12.70	12.05
0.00	0.00	0.00

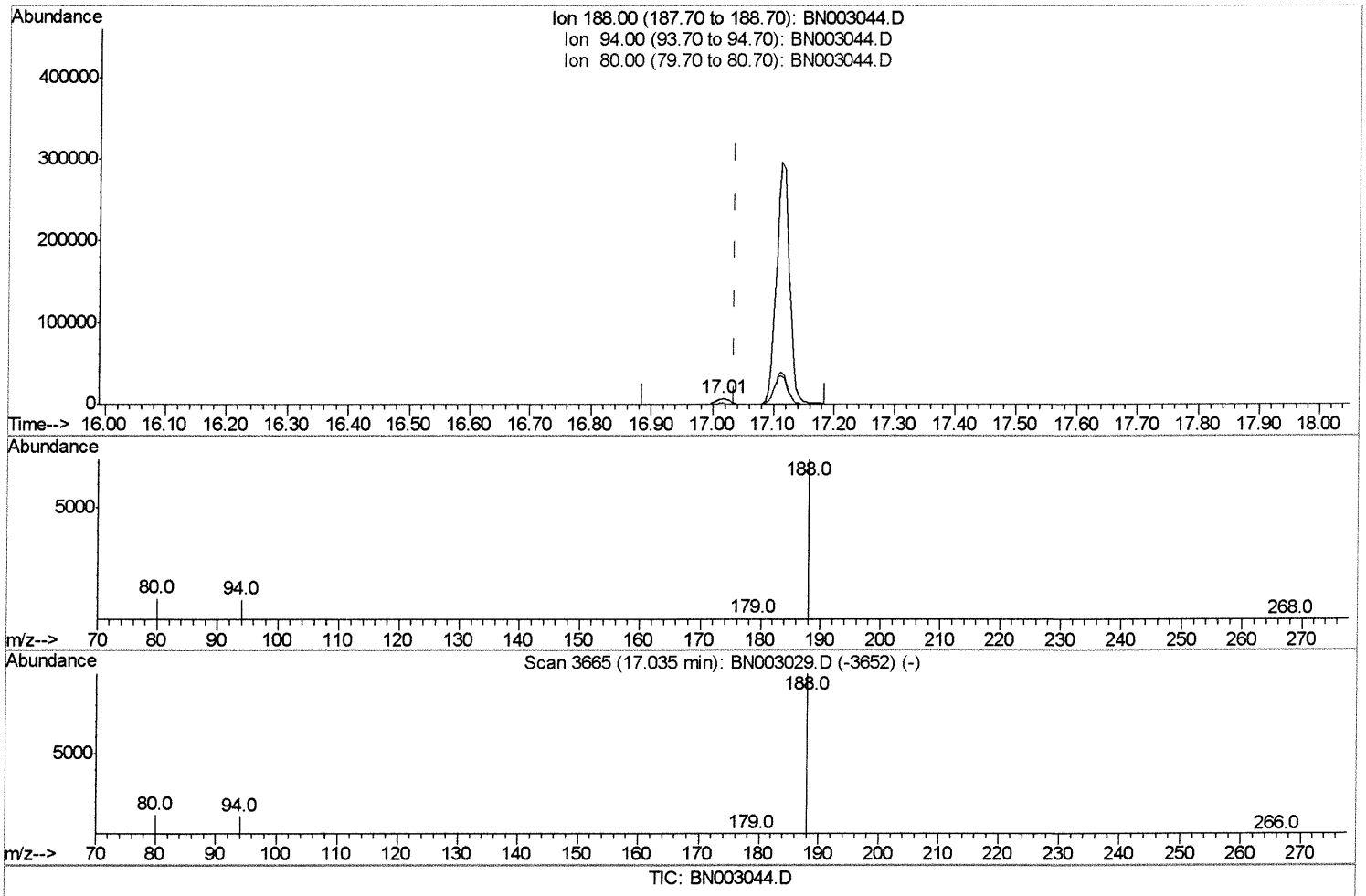
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:36:10 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(10) Phenanthrene-d10 (I)

17.014min (-0.021) 0.40ng/ul m SJ 10/12/18

response 10079

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.07
80.00	12.70	13.90
0.00	0.00	0.00

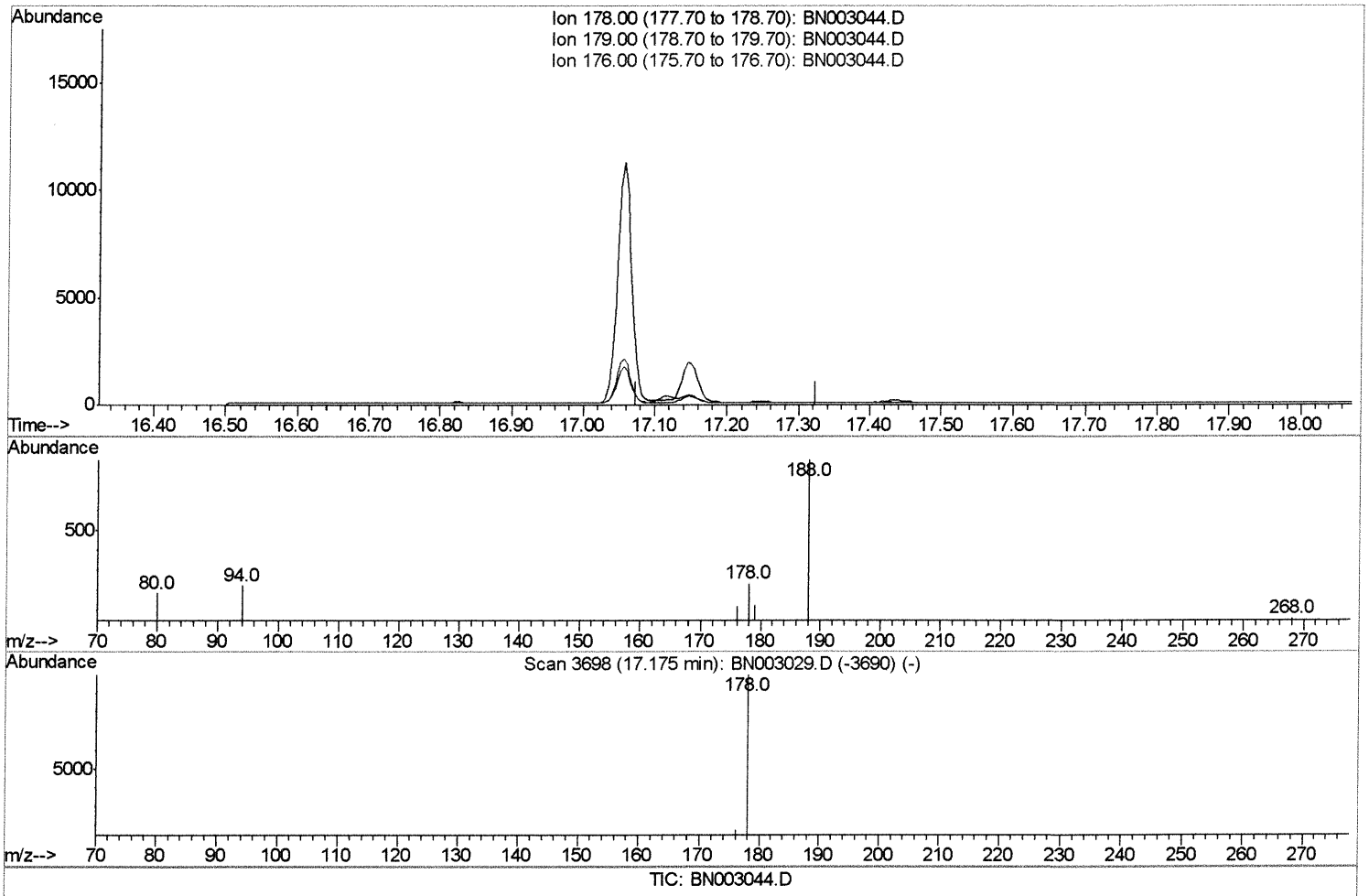
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:37:21 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(13) Anthracene

17.175min (-17.175) 0.00ng/ul

response 0

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

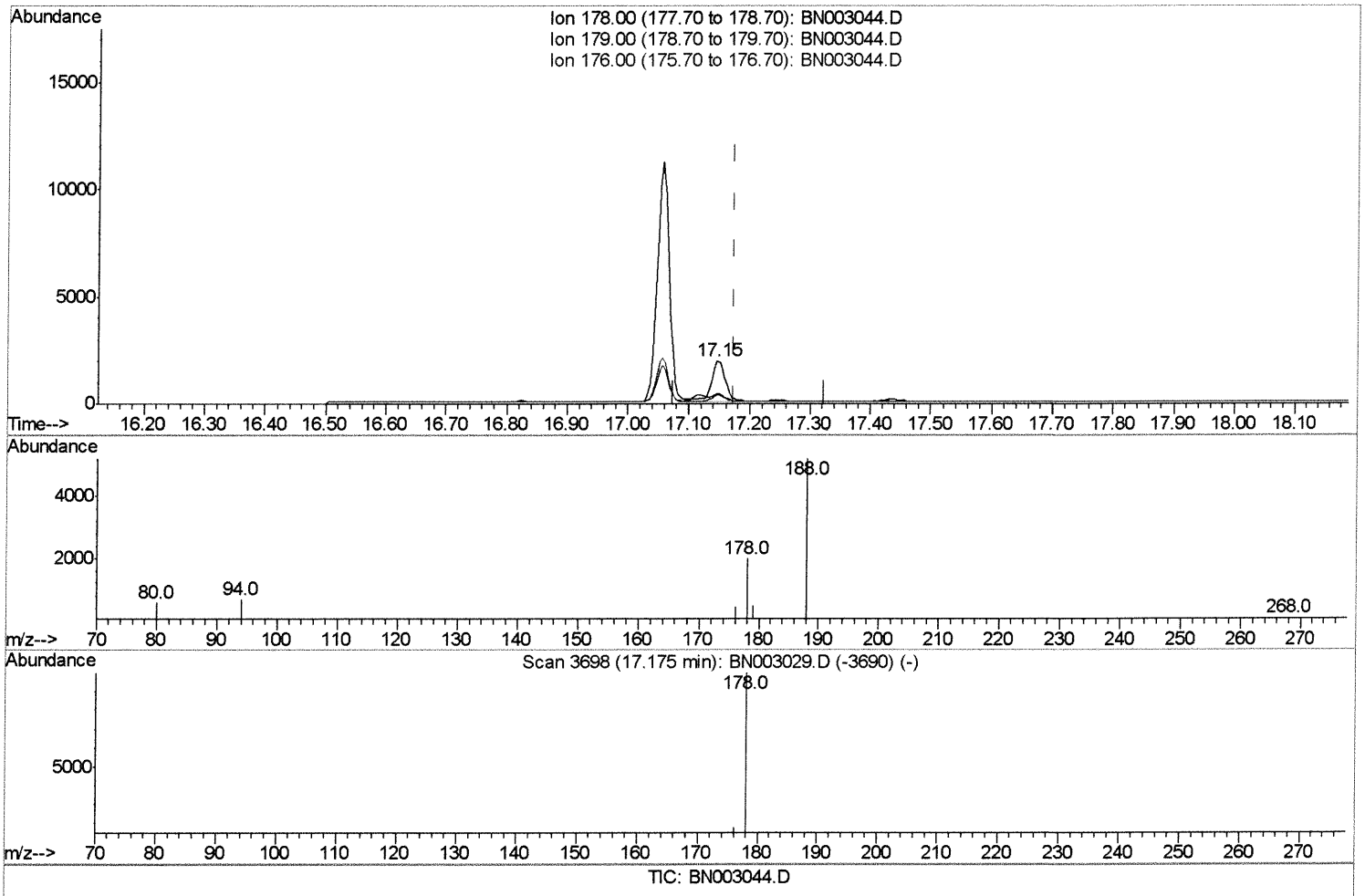
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:37:21 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(13) Anthracene

17.145min (-0.029) 0.11ng/ul m SJ 10/12/18

response 2951

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	23.22#
176.00	19.10	21.51
0.00	0.00	0.00

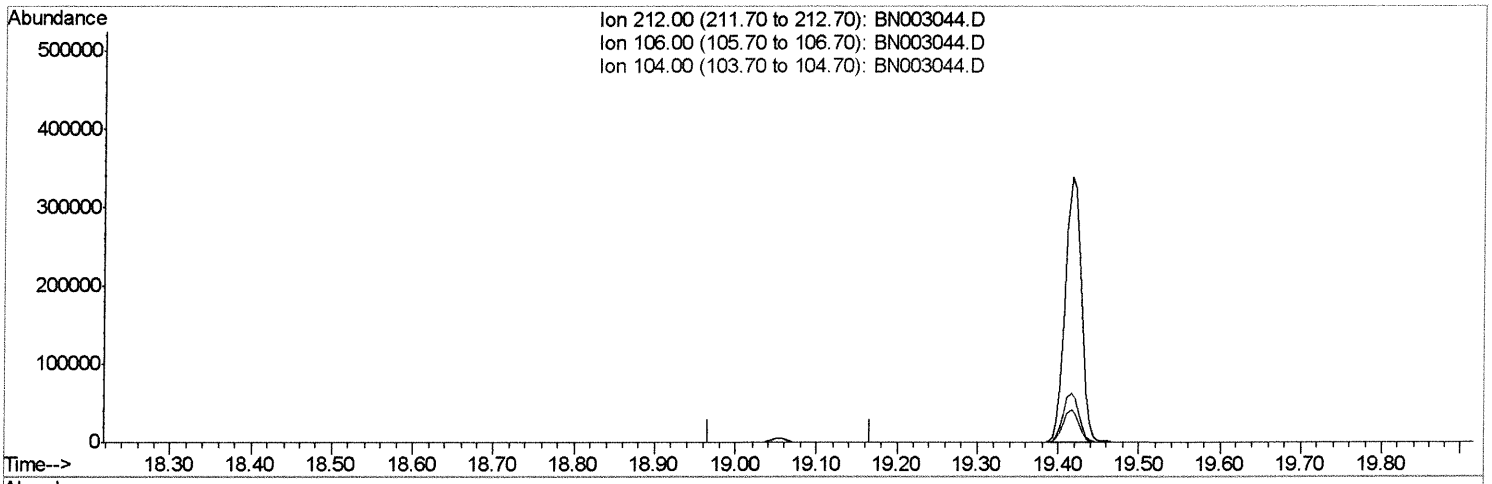
Quantitation Report (Qedit)

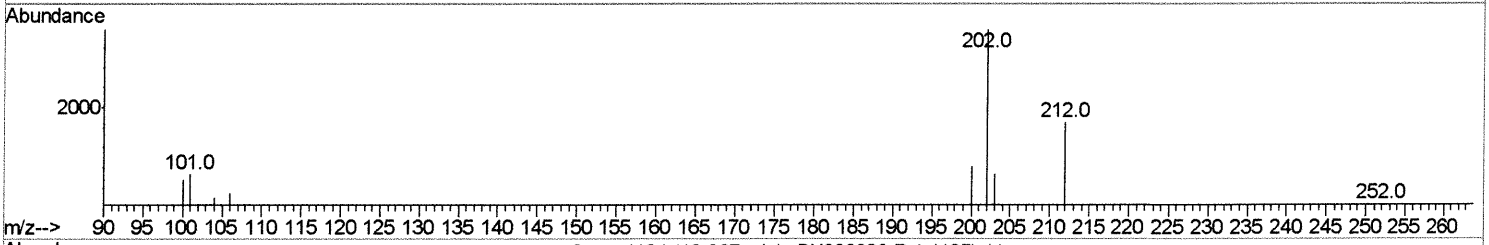
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

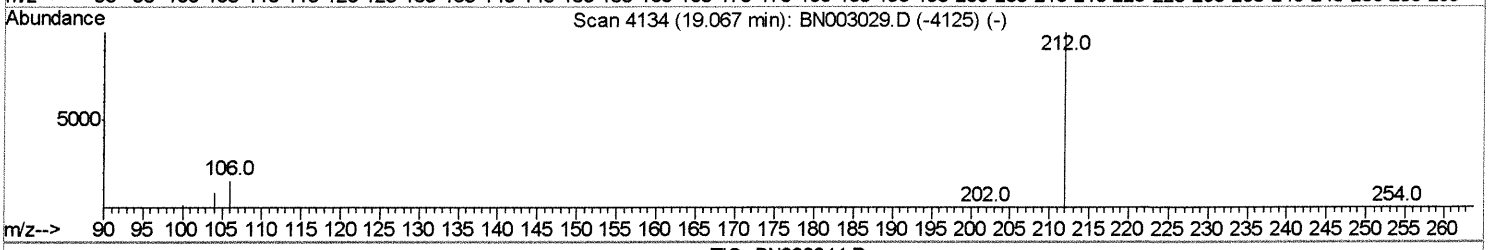
Quant Time: Oct 10 02:37:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM







TIC: BN003044.D

(14) Fluoranthene-d10 (SURR)

19.067min (-19.067) 0.00ng/ul

response 0

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

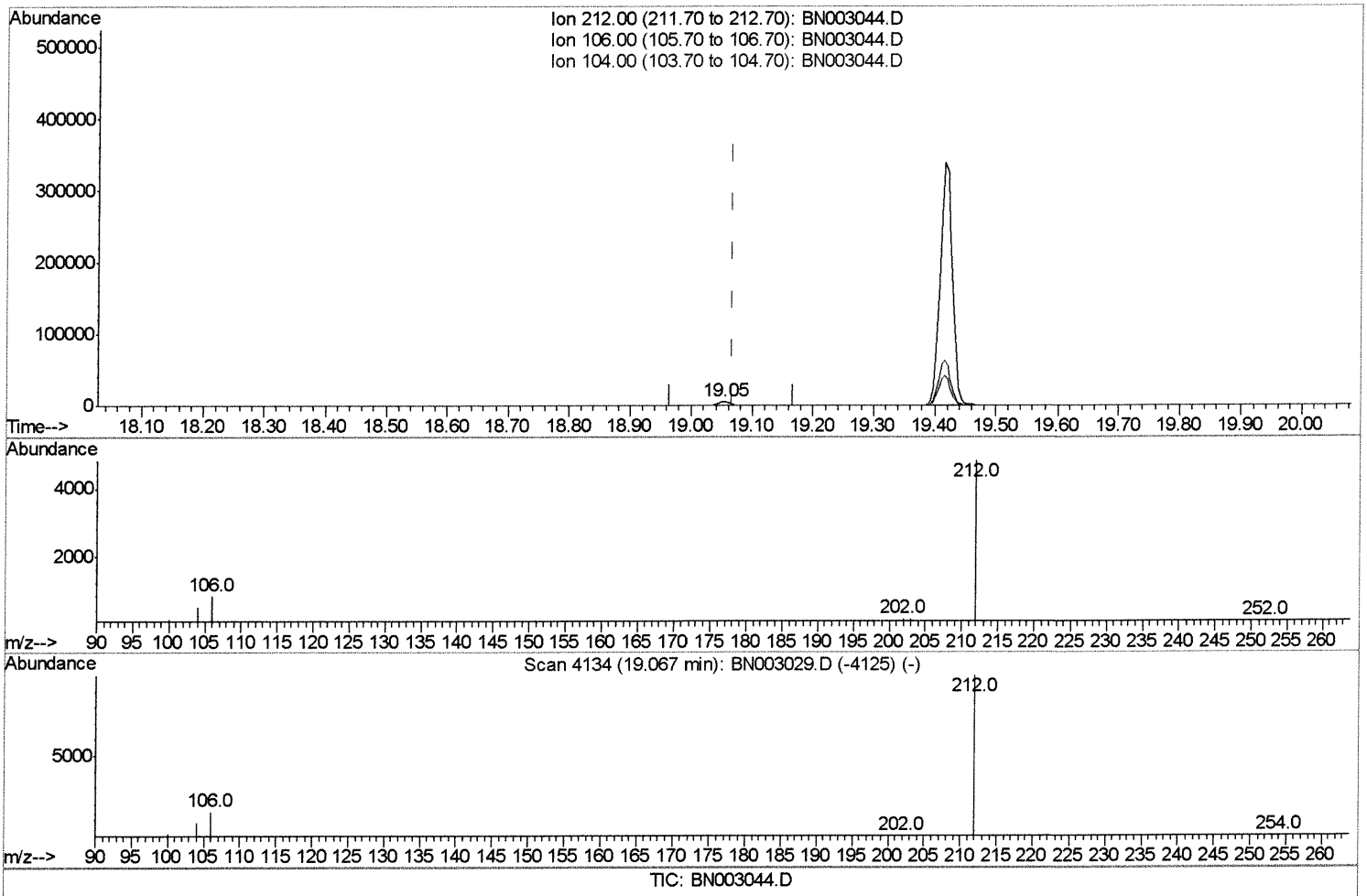
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:37:21 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.23ng/ul m SJ 10/12/18

response 6731

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

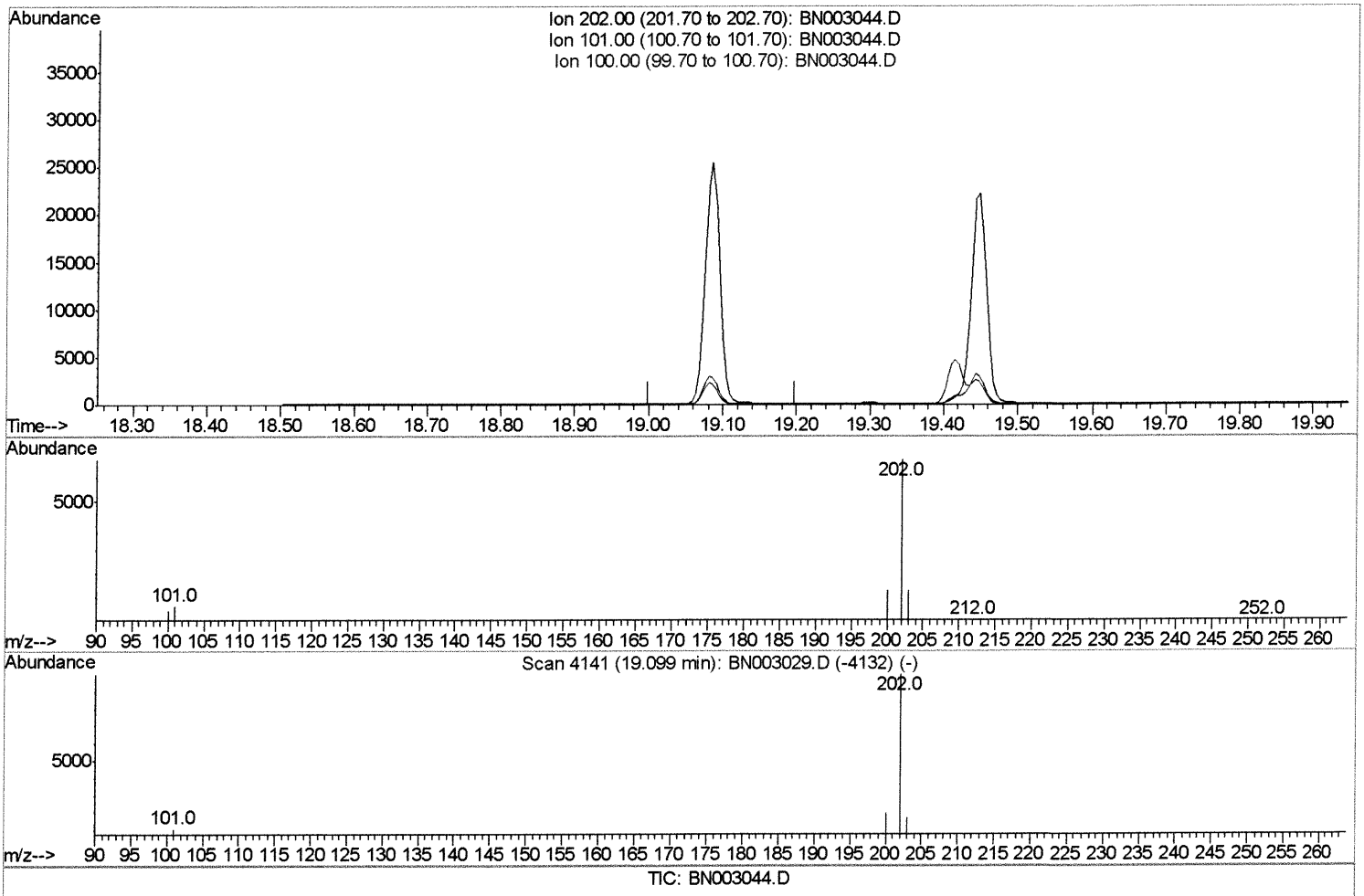
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:37:21 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(15) Fluoranthene (C)

19.099min (-19.099) 0.00ng/ul

response 0

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

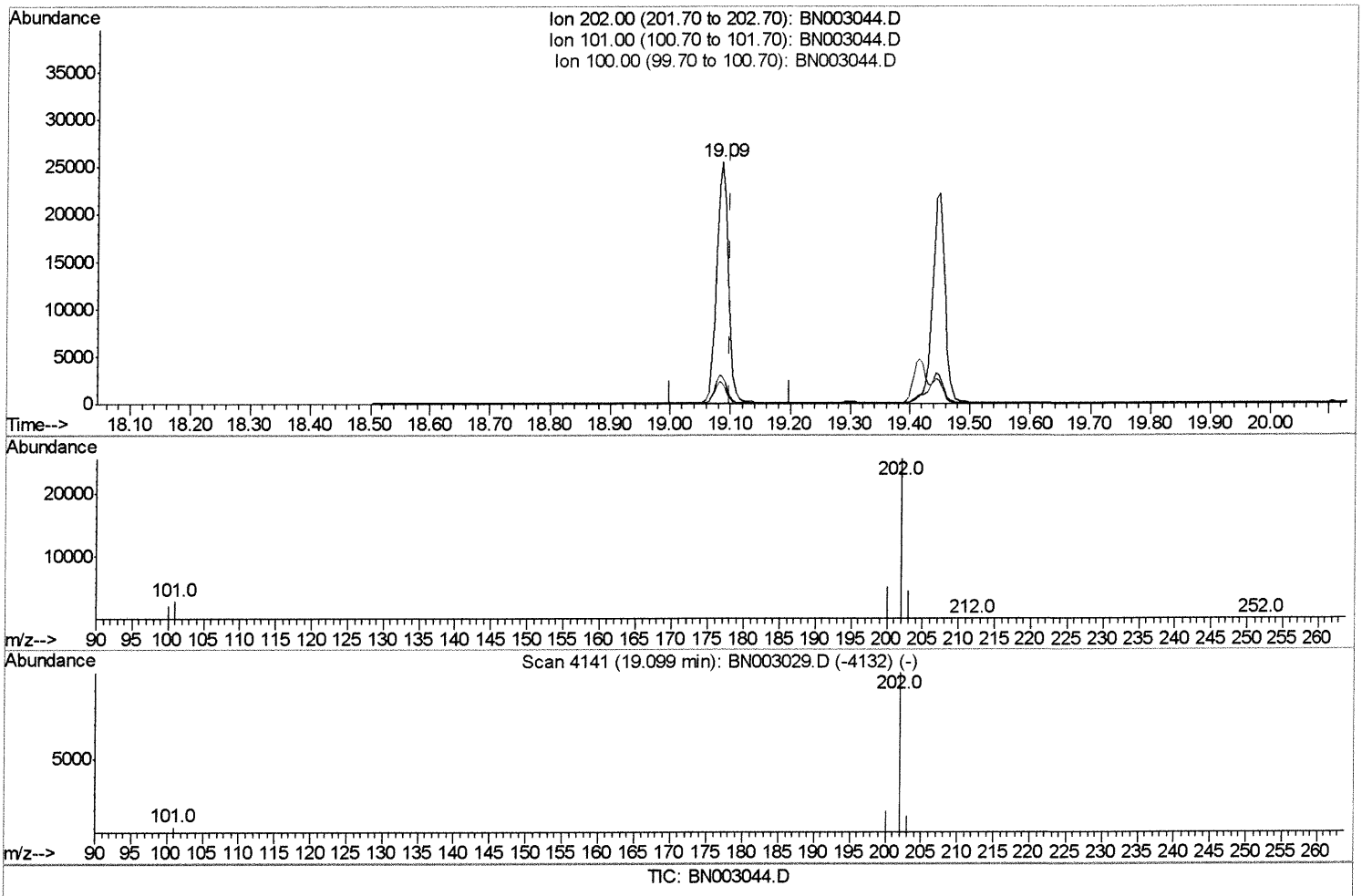
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:37:21 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(15) Fluoranthene (C)

19.086min (-0.014) 1.06ng/ul m SJ 10/12/18

response 34870

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	11.42
100.00	9.10	8.60
0.00	0.00	0.00

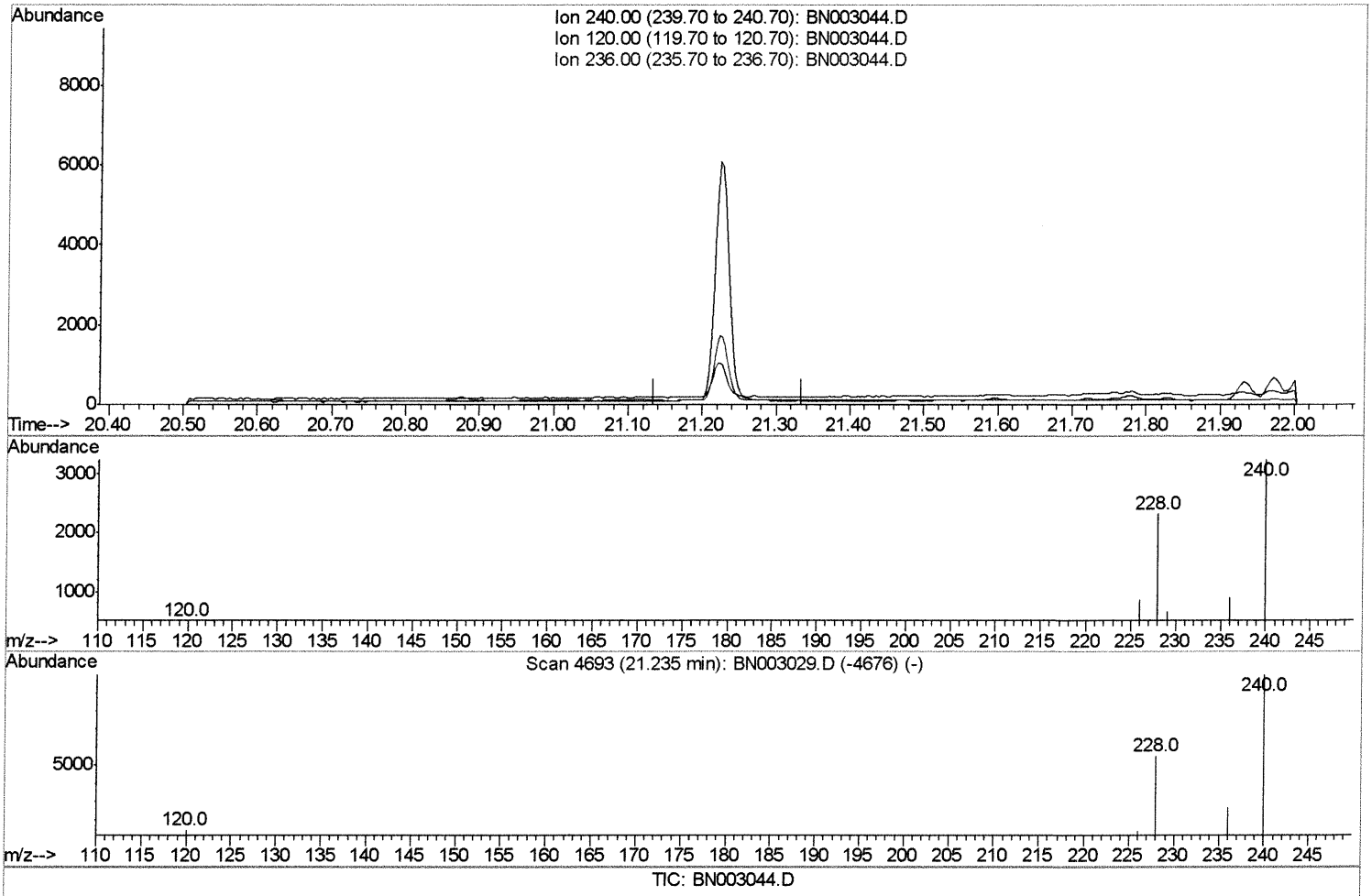
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:37:21 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(16) Chrysene-d12 (I)

21.235min (-21.235) 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

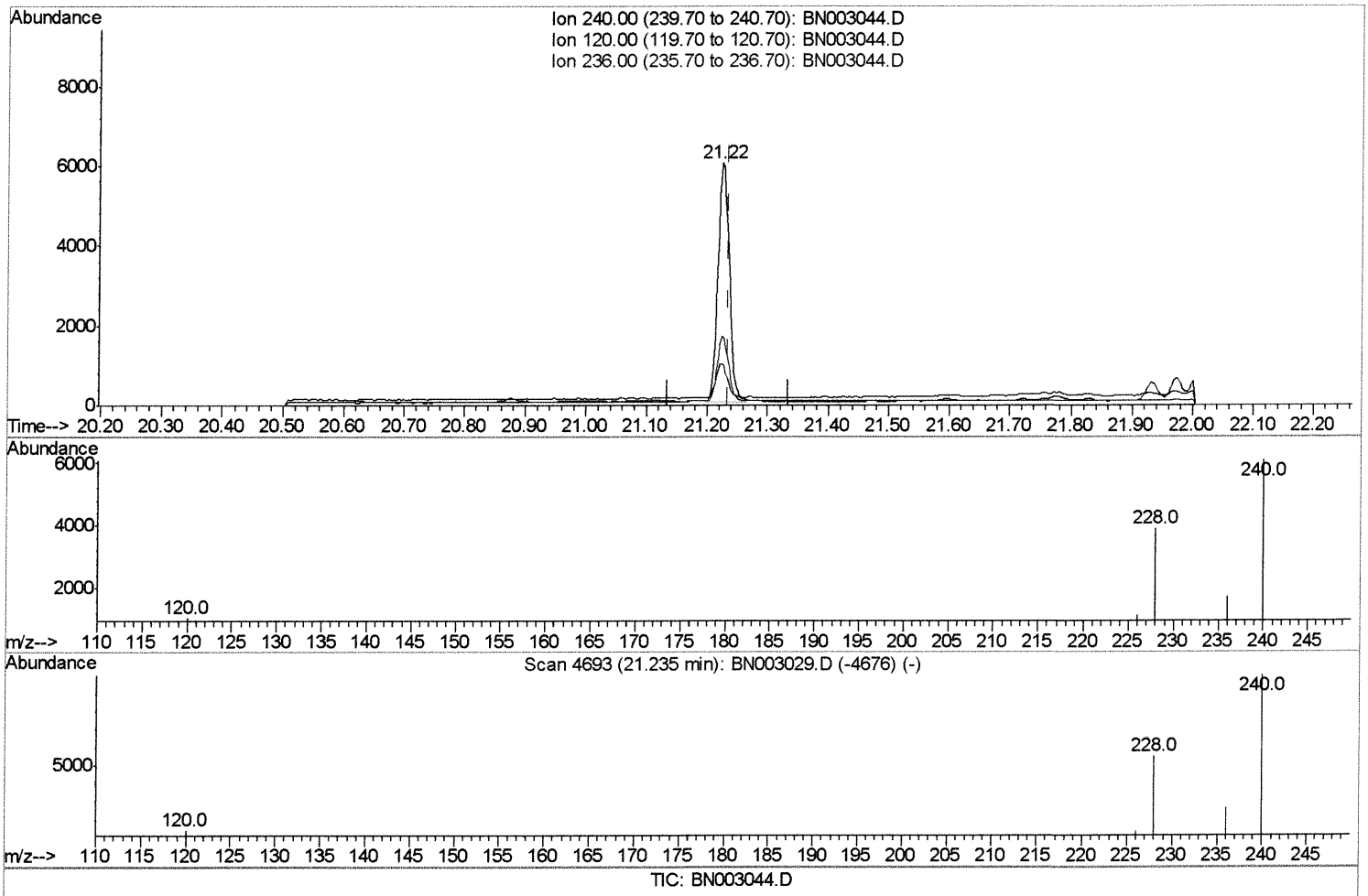
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:37:21 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



(16) Chrysene-d12 (I)

21.223min (-0.012) 0.40ng/ul m SJ 10/12/18

response 7779

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	17.38
236.00	28.10	28.59
0.00	0.00	0.00

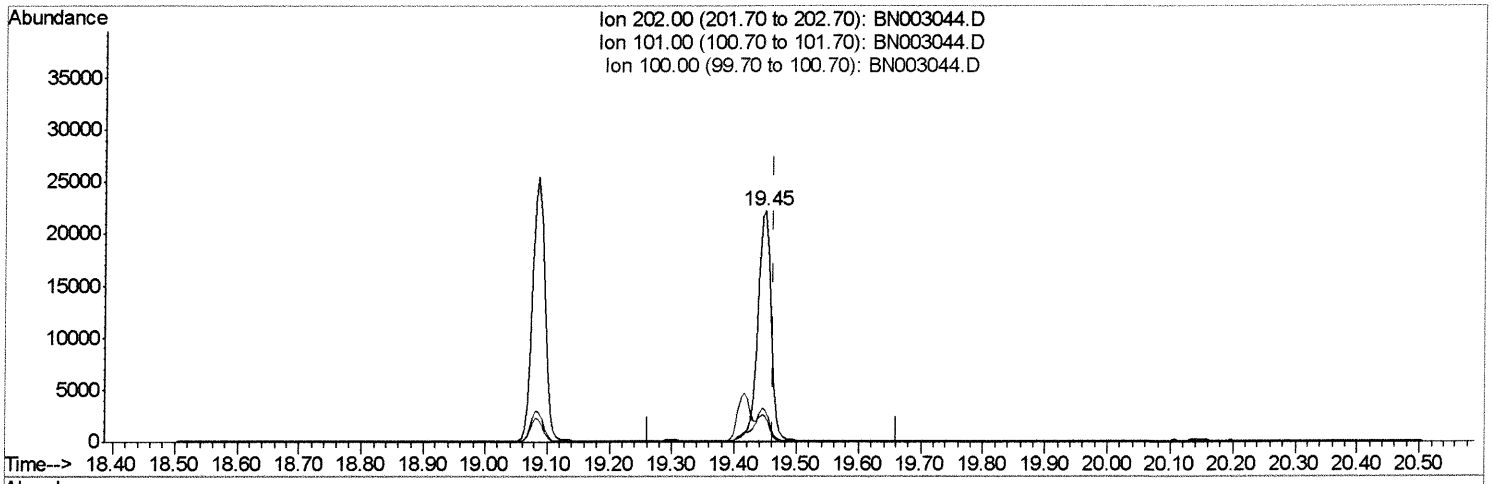
Quantitation Report (Qedit)

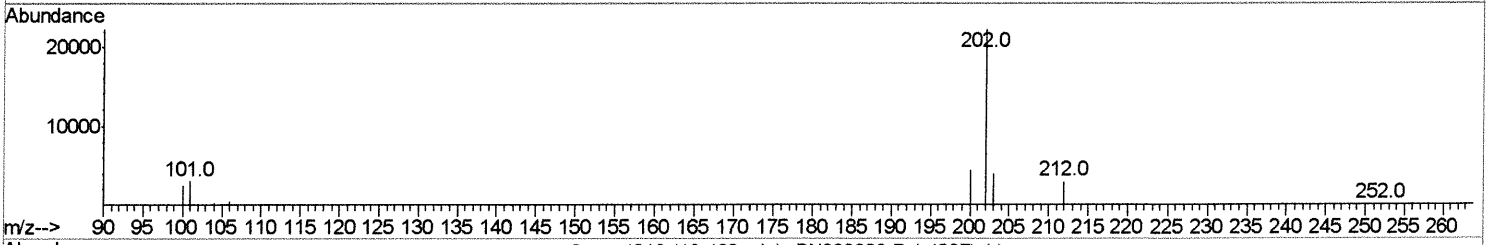
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

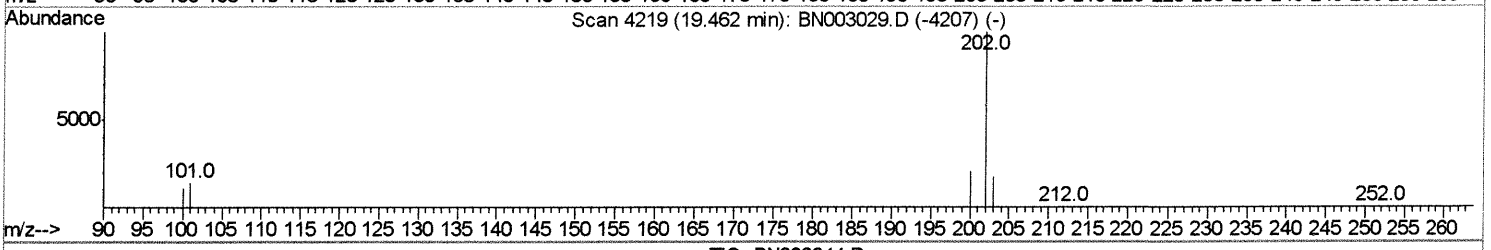
Quant Time: Oct 10 02:38:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM







TIC: BN003044.D

(17) Pyrene

19.448min (-0.014) 1.07ng/ul

response 32339

Ion	Exp%	Act%
202.00	100	100
101.00	14.90	13.79
100.00	12.40	10.95
0.00	0.00	0.00

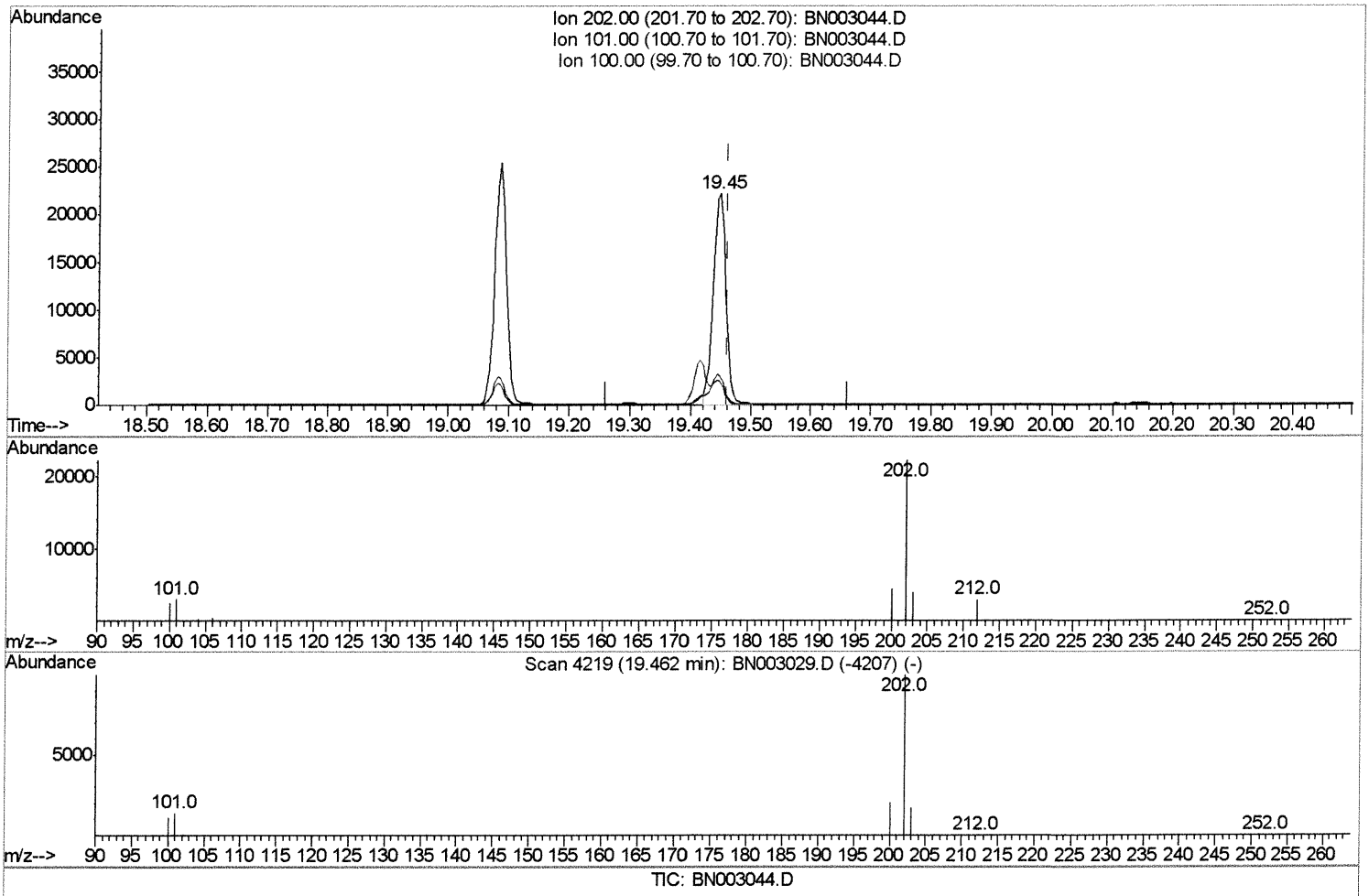
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:38:38 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(17) Pyrene

19.448min (-0.014) 1.05ng/ul m SJ 10/12/18

response 31826

Ion	Exp%	Act%
202.00	100	100
101.00	14.90	13.79
100.00	12.40	10.95
0.00	0.00	0.00

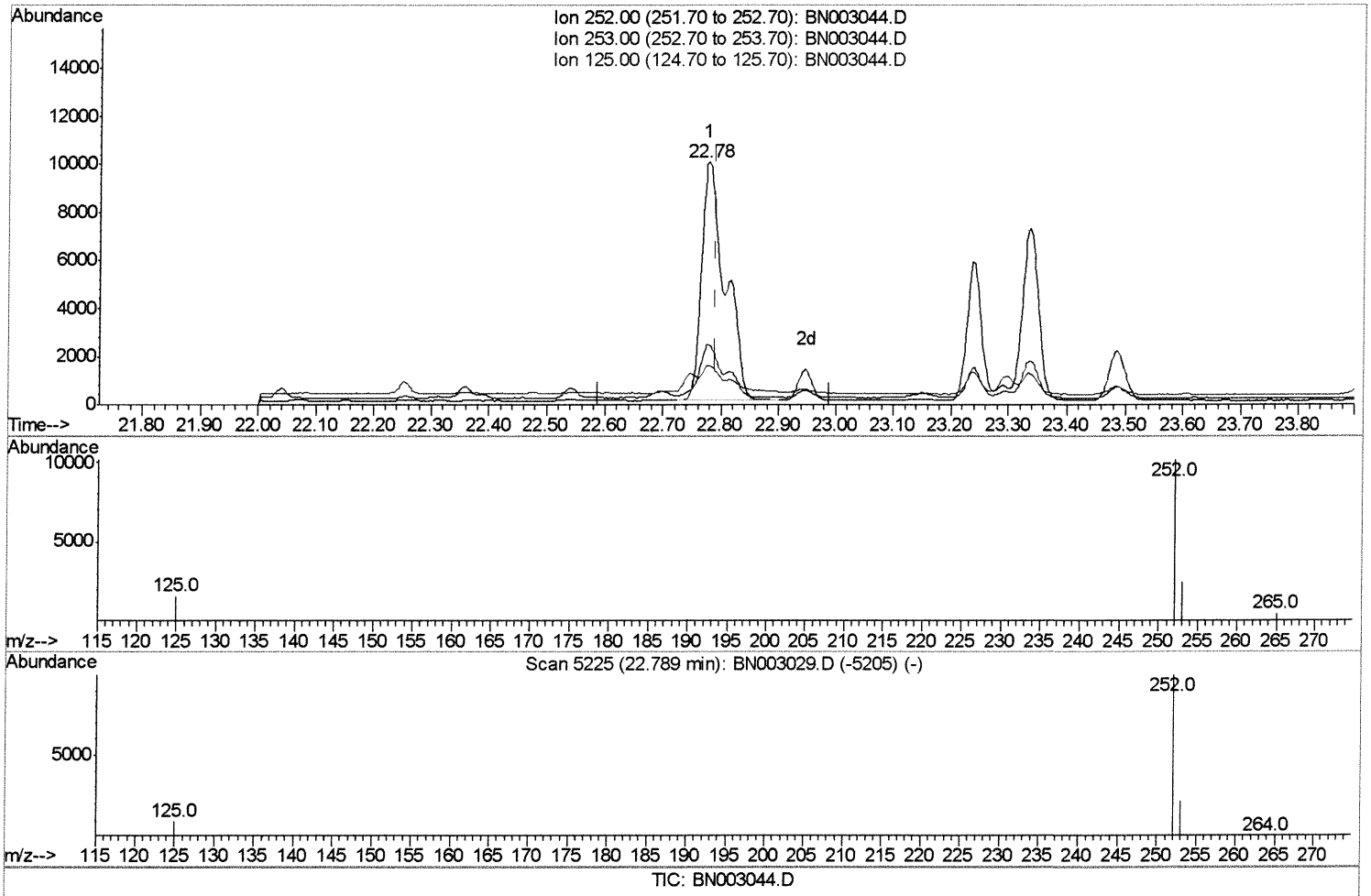
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:38:38 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(21) Benzo(b)fluoranthene

22.778min (-0.012) 1.32ng/ul

response 28364

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.64
125.00	17.10	15.95
0.00	0.00	0.00

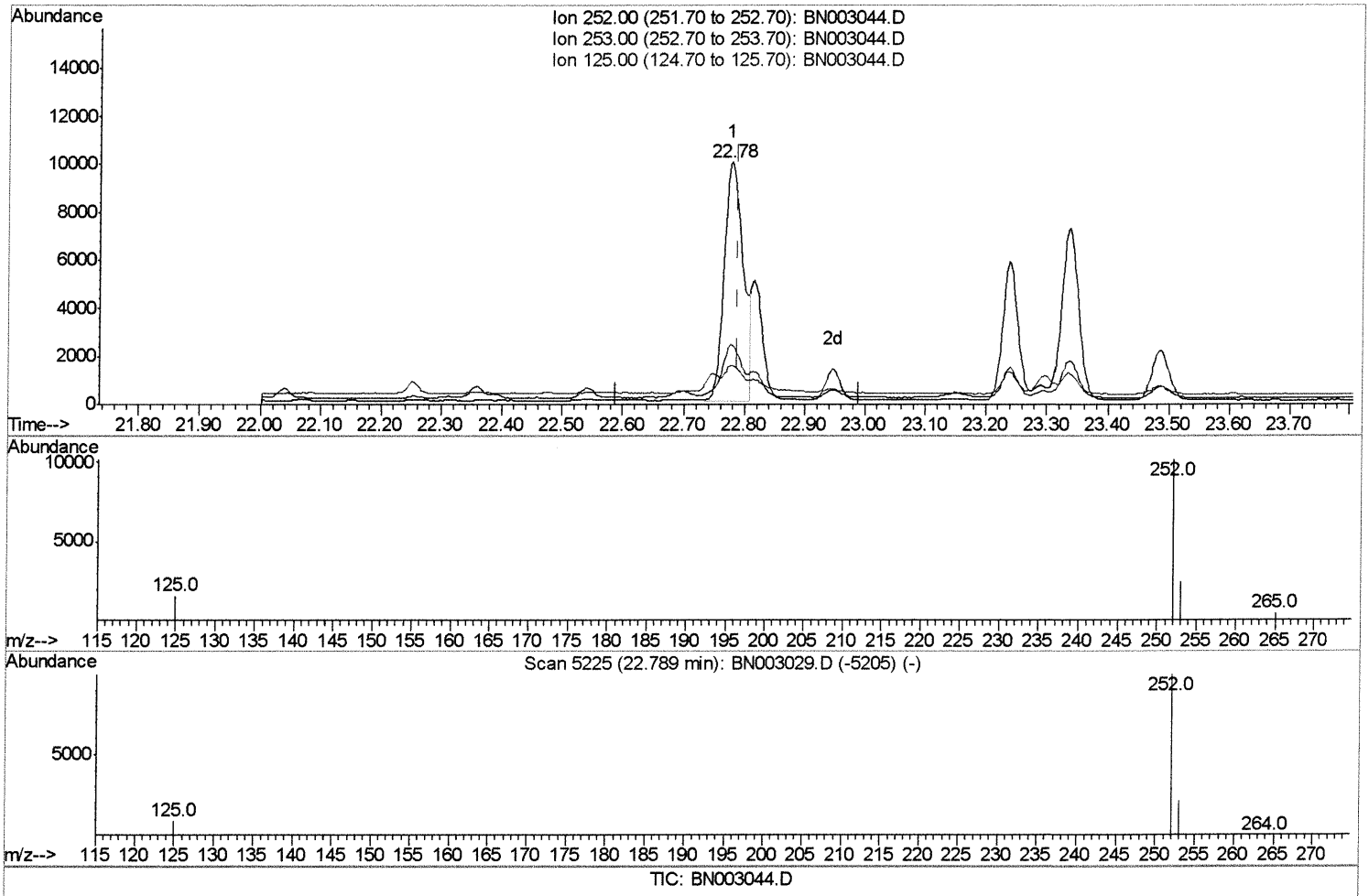
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:38:38 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM



TIC: BN003044.D

(21) Benzo(b)fluoranthene

22.778min (-0.012) 1.00ng/ul m SJ 10/12/18

response 21618

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.64
125.00	17.10	15.95
0.00	0.00	0.00

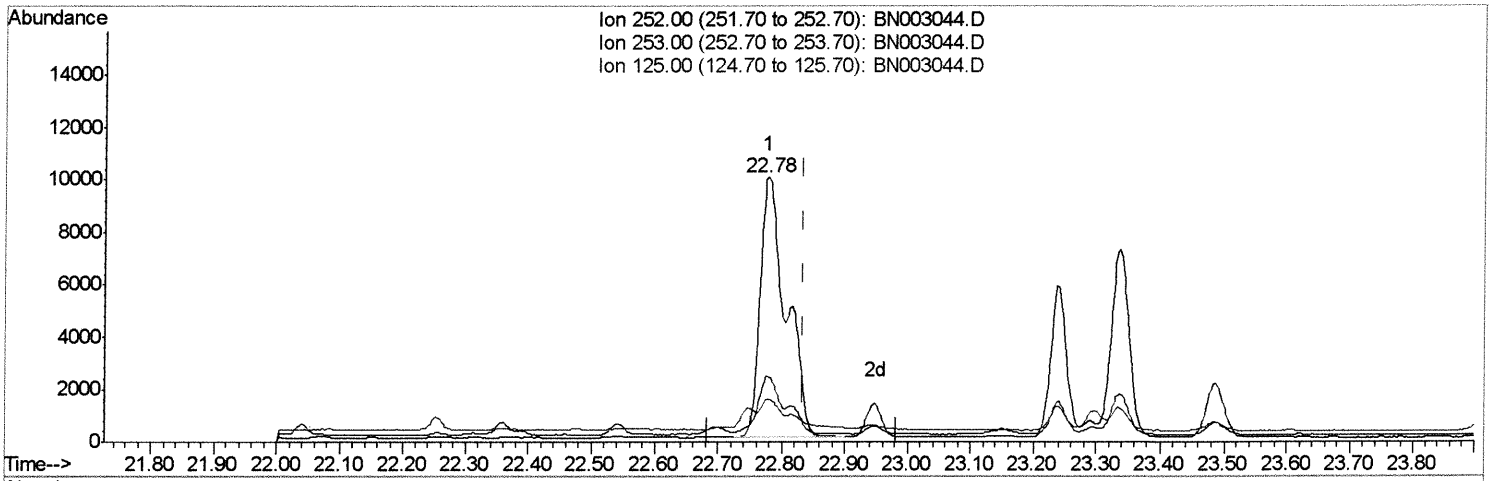
Quantitation Report (Qedit)

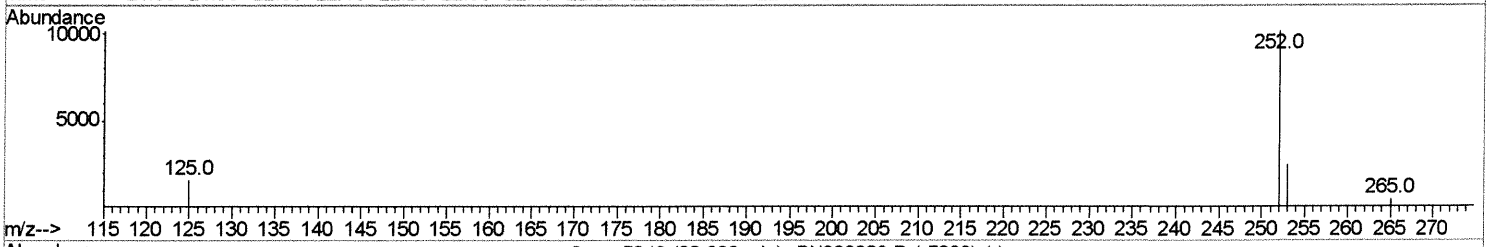
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

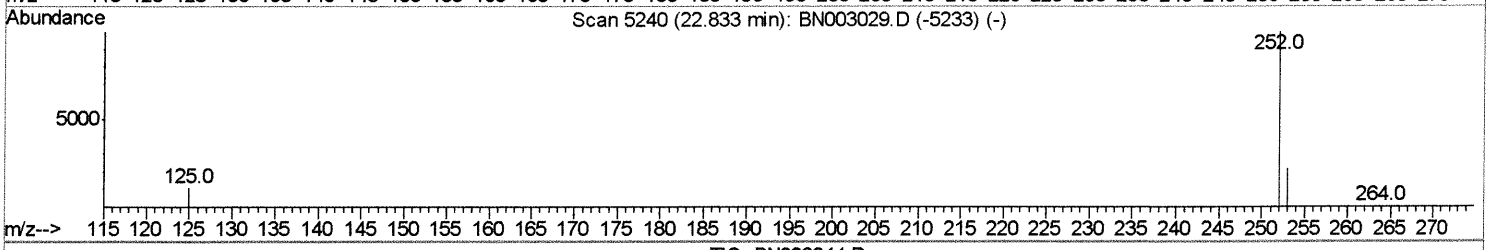
Quant Time: Oct 10 02:38:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM







TIC: BN003044.D

(22) Benzo(k)fluoranthene

22.778min (-0.055) 1.27ng/ul

response 28364

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.64
125.00	17.60	15.95
0.00	0.00	0.00

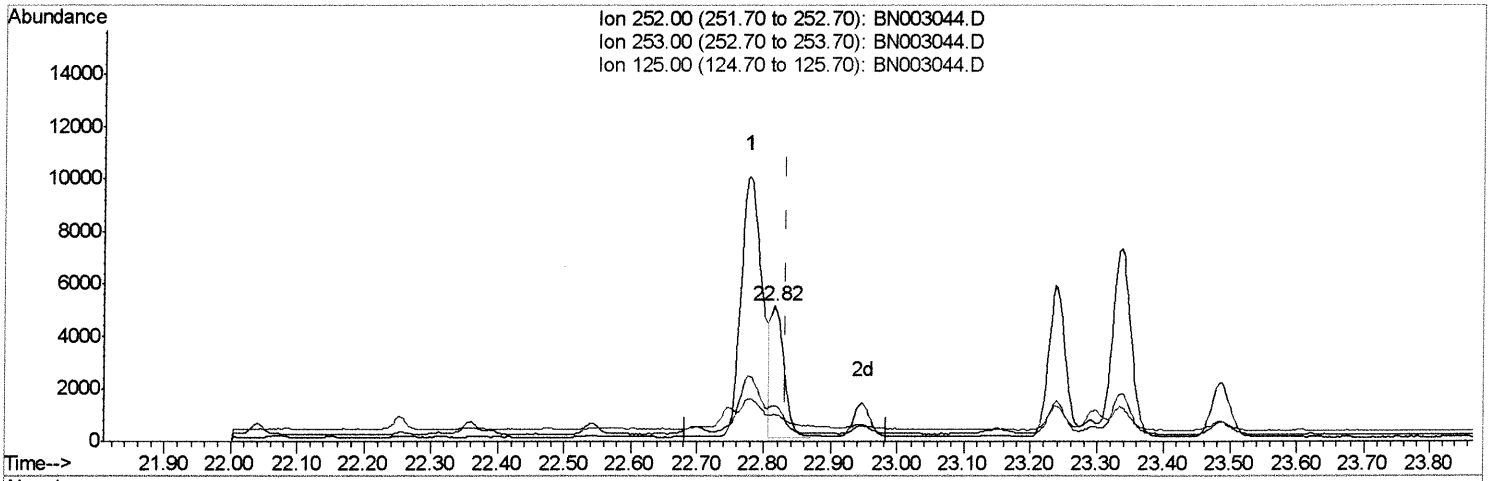
Quantitation Report (Qedit)

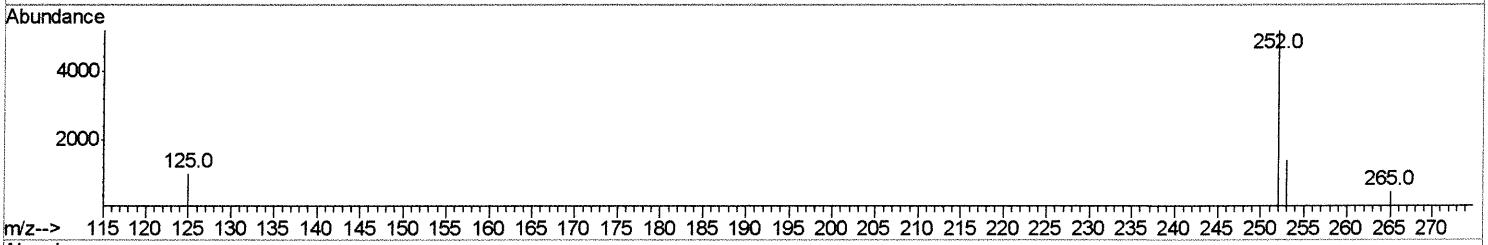
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

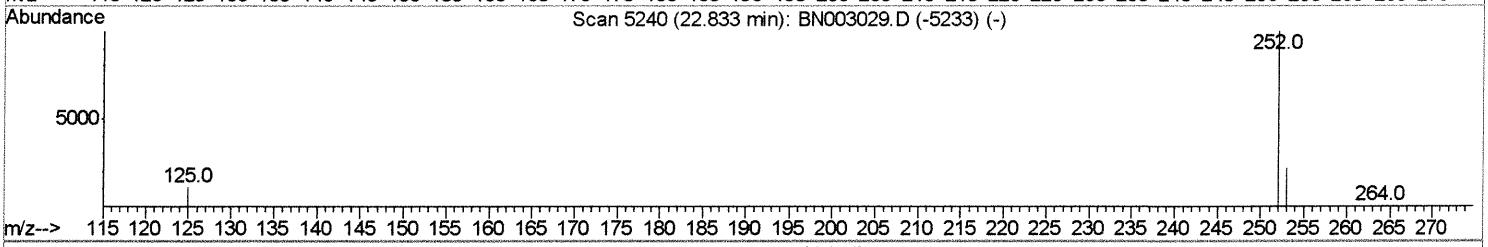
Quant Time: Oct 10 02:38:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM







TIC: BN003044.D

(22) Benzo(k)fluoranthene

22.816min (-0.017) 0.30ng/ul m SJ 10/12/18

response 6798

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.98
125.00	17.60	20.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
JLC64

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:12 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003044.D
Acq On : 10 Oct 2018 01:22
Operator : MJ/SJ
Sample : J5115-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 10 02:39:55 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 : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1934	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	8155	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4594	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	10079m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7779m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5986	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2985	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	6731m	0.23	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	752	0.036	ng/ul#	79
5) 2-Methylnaphthalene	12.08	142	320	0.022	ng/ul	98
8) Acenaphthene	14.32	153	870	0.055	ng/ul	98
9) Fluorene	15.32	166	627	0.034	ng/ul#	95
12) Phenanthrene	17.06	178	15467	0.551	ng/ul	100
13) Anthracene	17.15	178	2951m	0.111	ng/ul	
15) Fluoranthene	19.09	202	34870m	1.058	ng/ul	
17) Pyrene	19.45	202	31826m	1.053	ng/ul	
18) Benzo(a)anthracene	21.21	228	15366	0.614	ng/ul	98
19) Chrysene	21.26	228	17558	0.691	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	21618m	1.003	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	6798m	0.304	ng/ul	
23) Benzo(a)pyrene	23.34	252	14118	0.731	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	10411	0.469	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.65	278	2310	0.130	ng/ul#	80
26) Benzo(g,h,i)perylene	26.33	276	10581	0.565	ng/ul	97

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