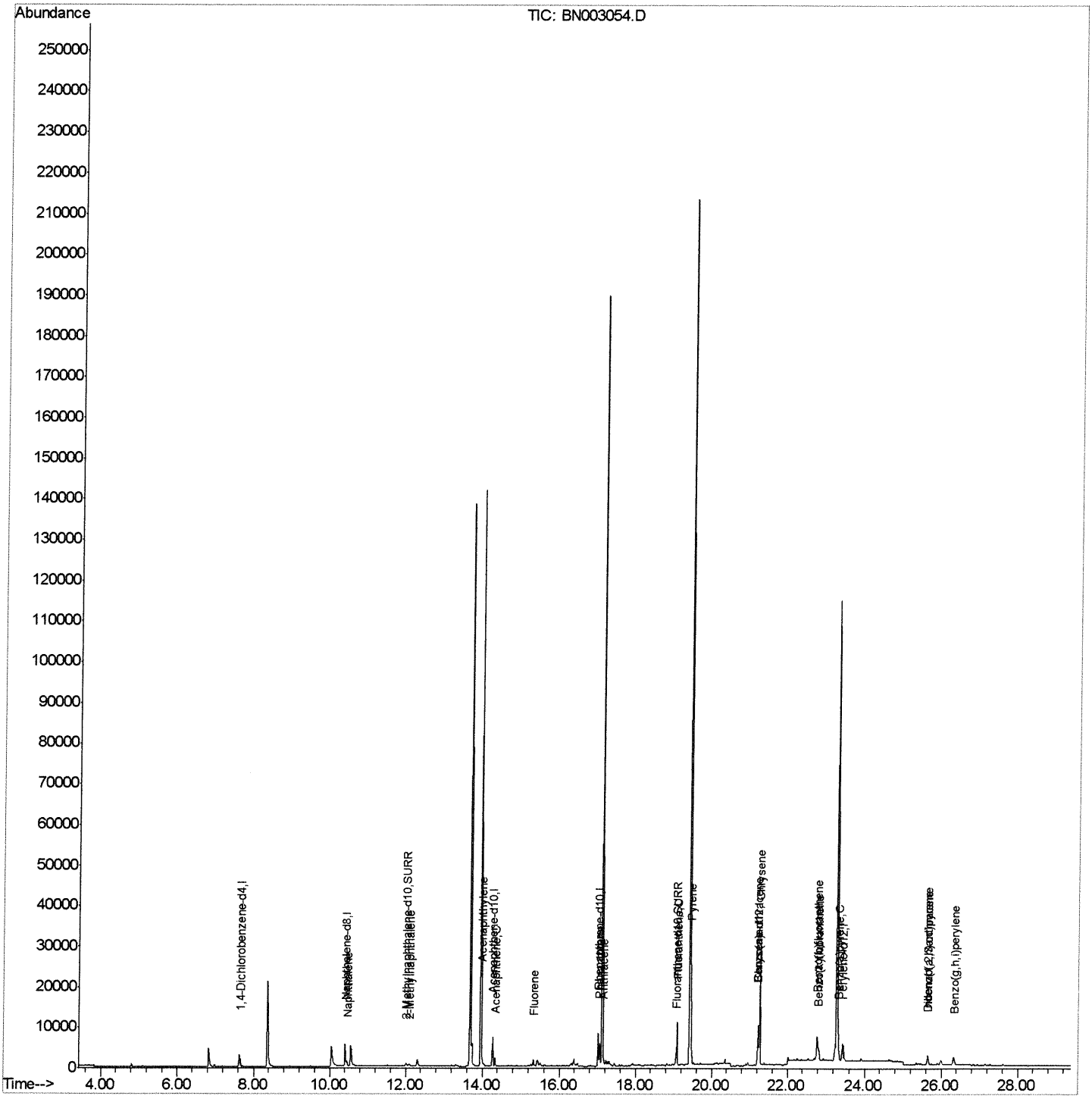
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 09:23:16 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



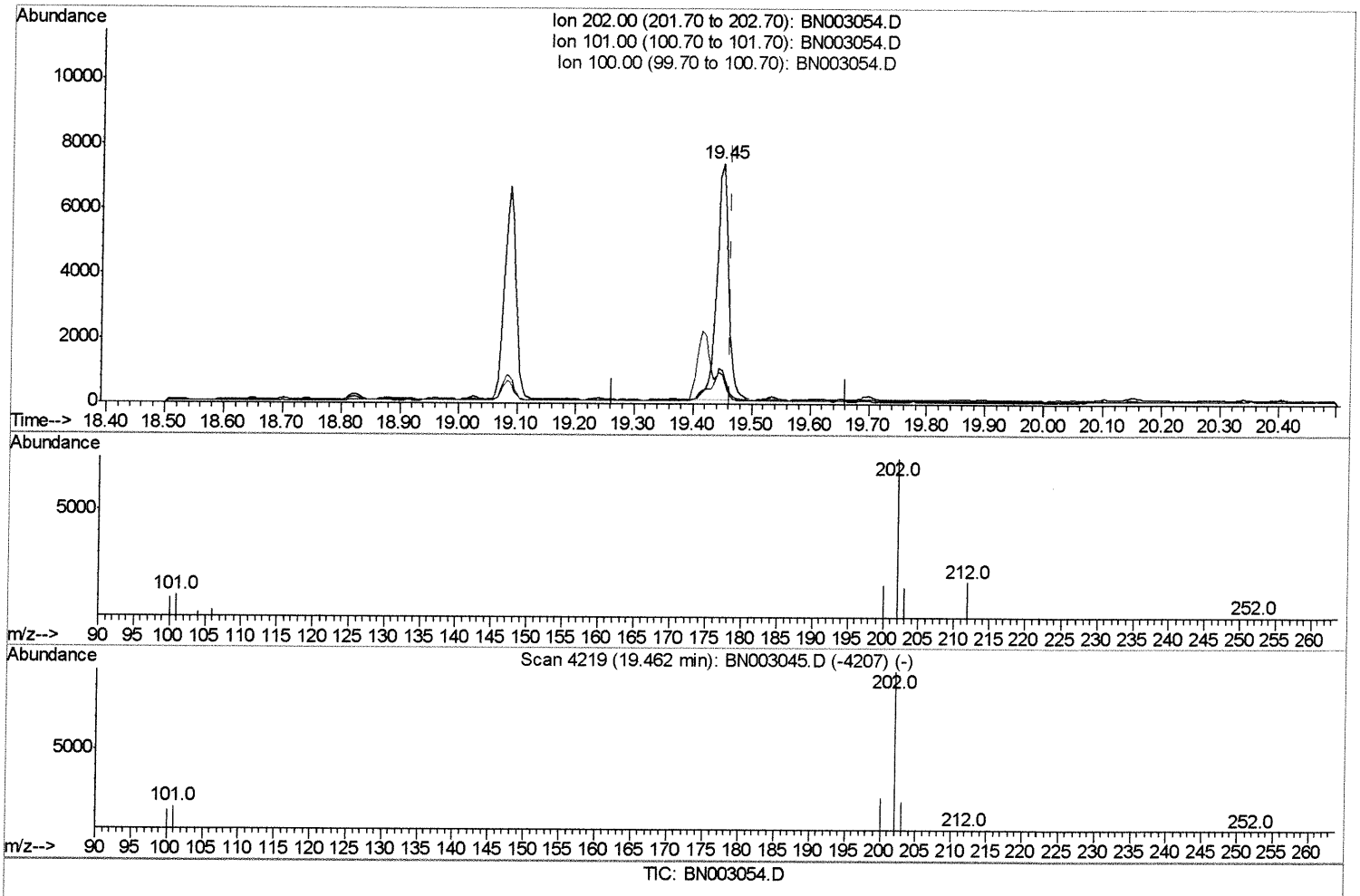
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



(17) Pyrene

19.448min (-0.014) 0.38ng/ul

response 10460

Ion	Exp%	Act%
202.00	100	100
101.00	14.90	14.11
100.00	12.40	12.25
0.00	0.00	0.00

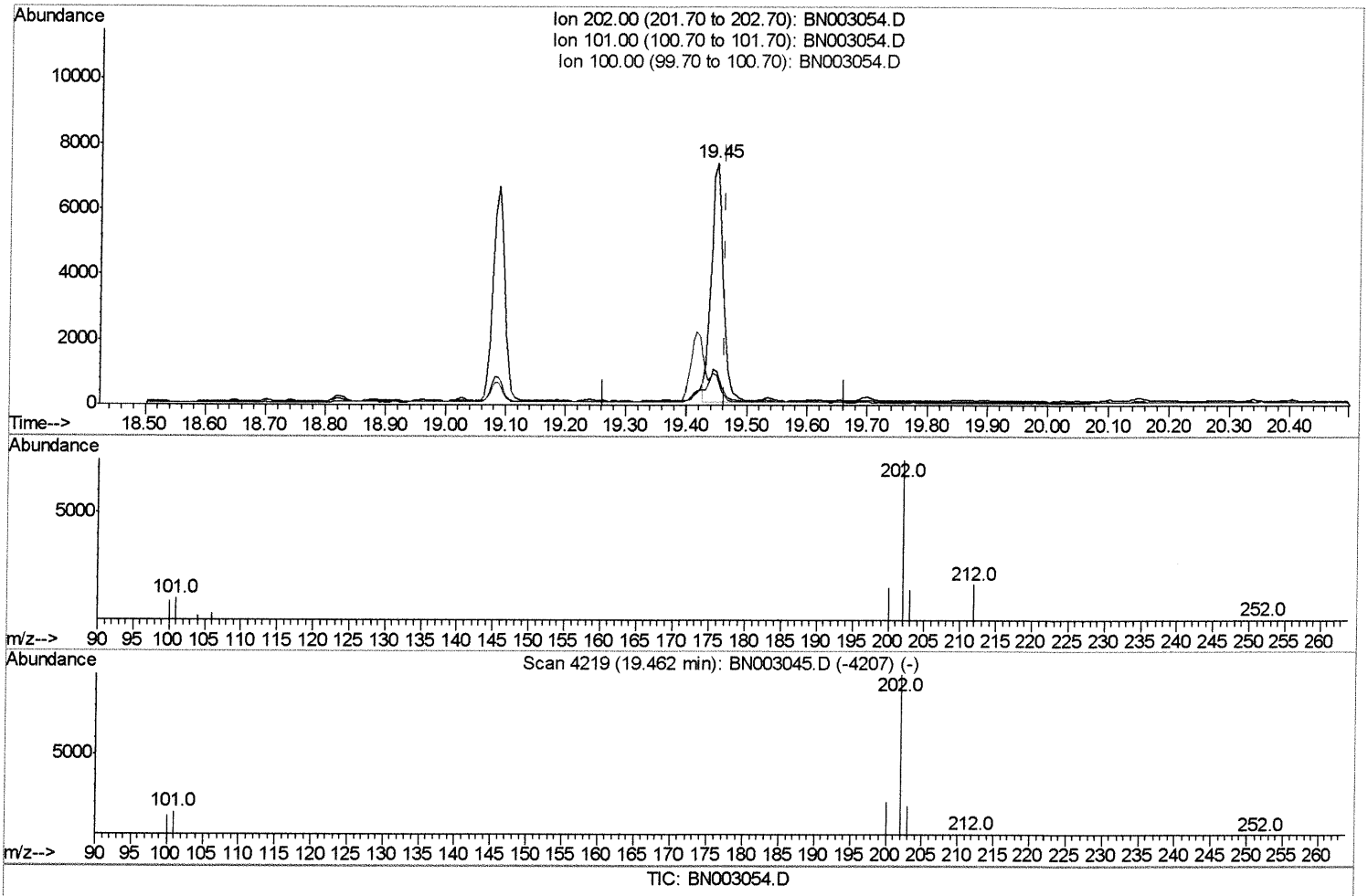
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



TIC: BN003054.D

(17) Pyrene

19.448min (-0.014) 0.37ng/ul m SJ 10/12/18

response 10123

Ion	Exp%	Act%
202.00	100	100
101.00	14.90	14.11
100.00	12.40	12.25
0.00	0.00	0.00

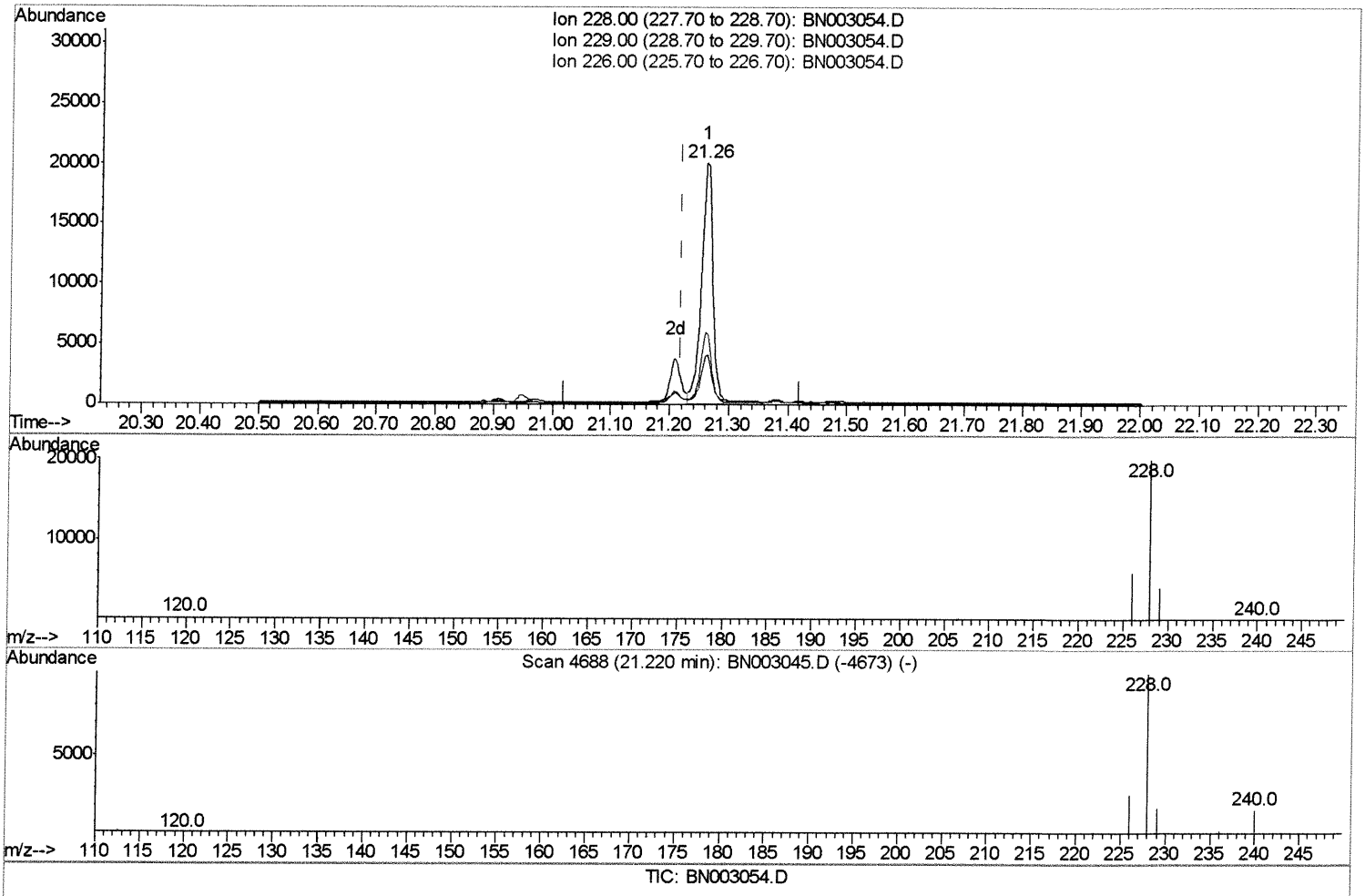
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



TIC: BN003054.D

(18) Benzo(a)anthracene

21.260min (+0.039) 1.20ng/ul

response 27063

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	20.22
226.00	27.90	30.10
0.00	0.00	0.00

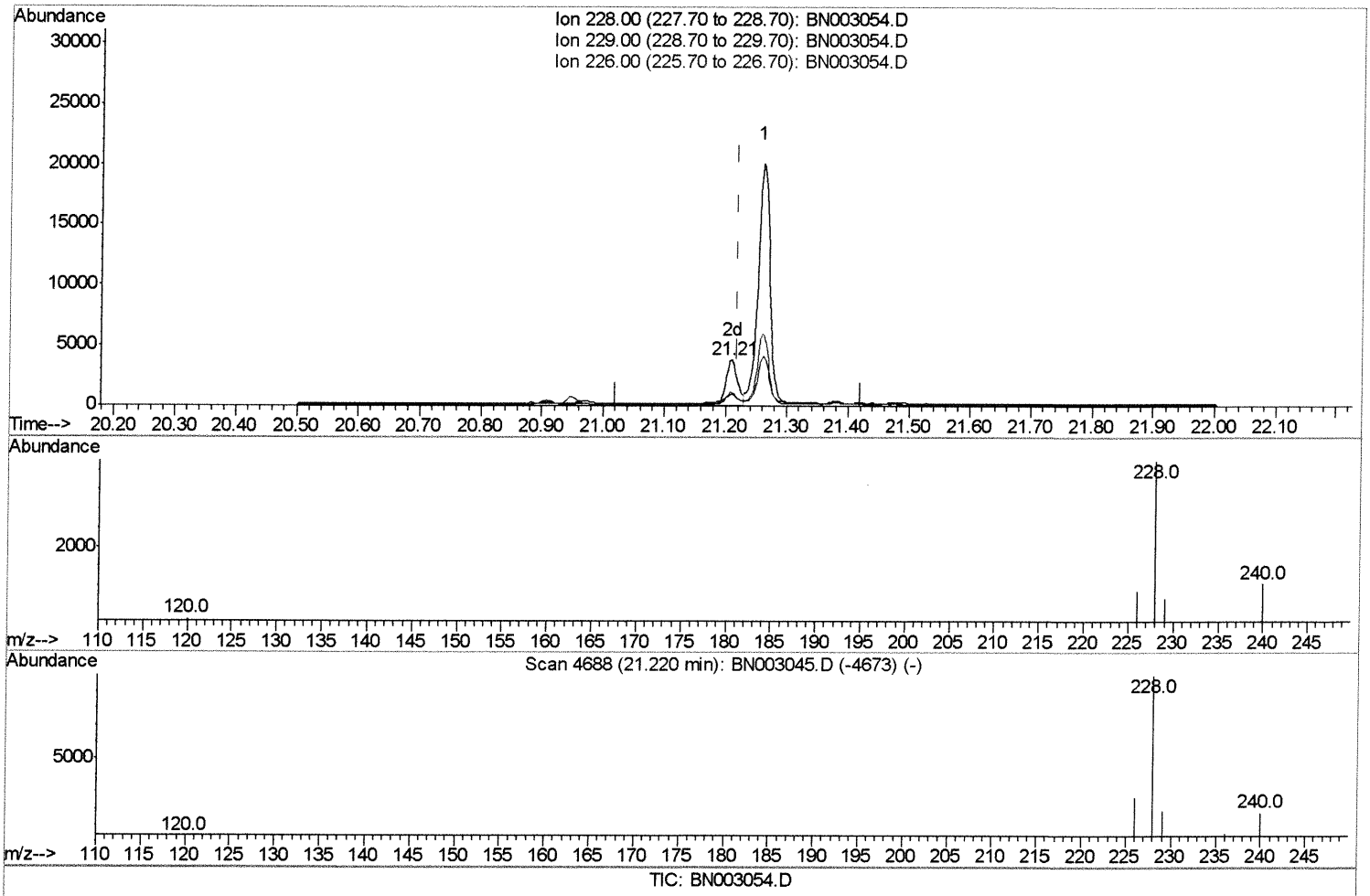
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



TIC: BN003054.D

(18) Benzo(a)anthracene

21.210min (-0.010) 0.22ng/ul m SJ 10/12/18

response 4967

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	25.29#
226.00	27.90	29.08
0.00	0.00	0.00

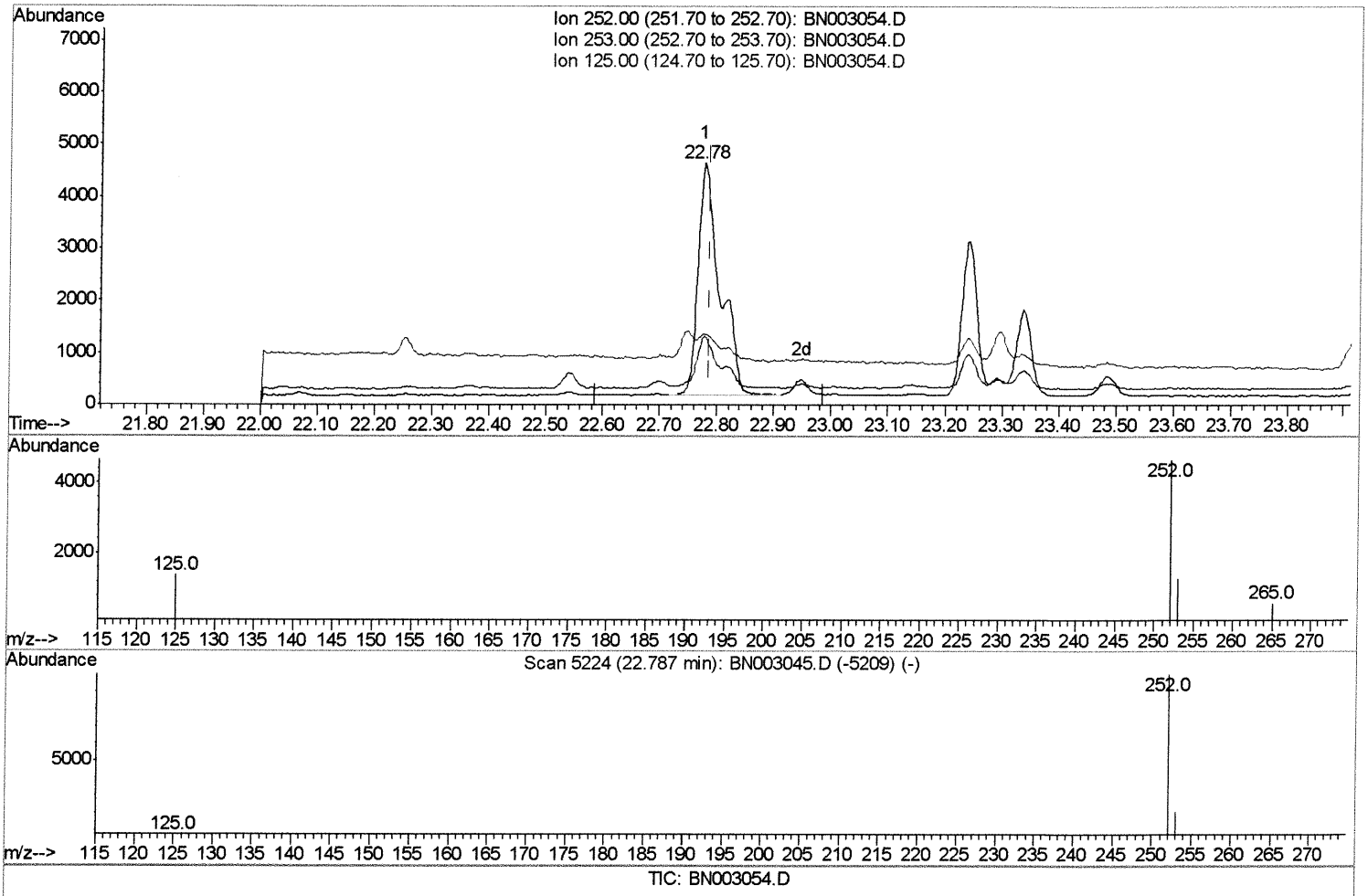
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



TIC: BN003054.D

(21) Benzo(b)fluoranthene

22.776min (-0.010) 0.57ng/ul

response 11945

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.09
125.00	17.10	29.68
0.00	0.00	0.00

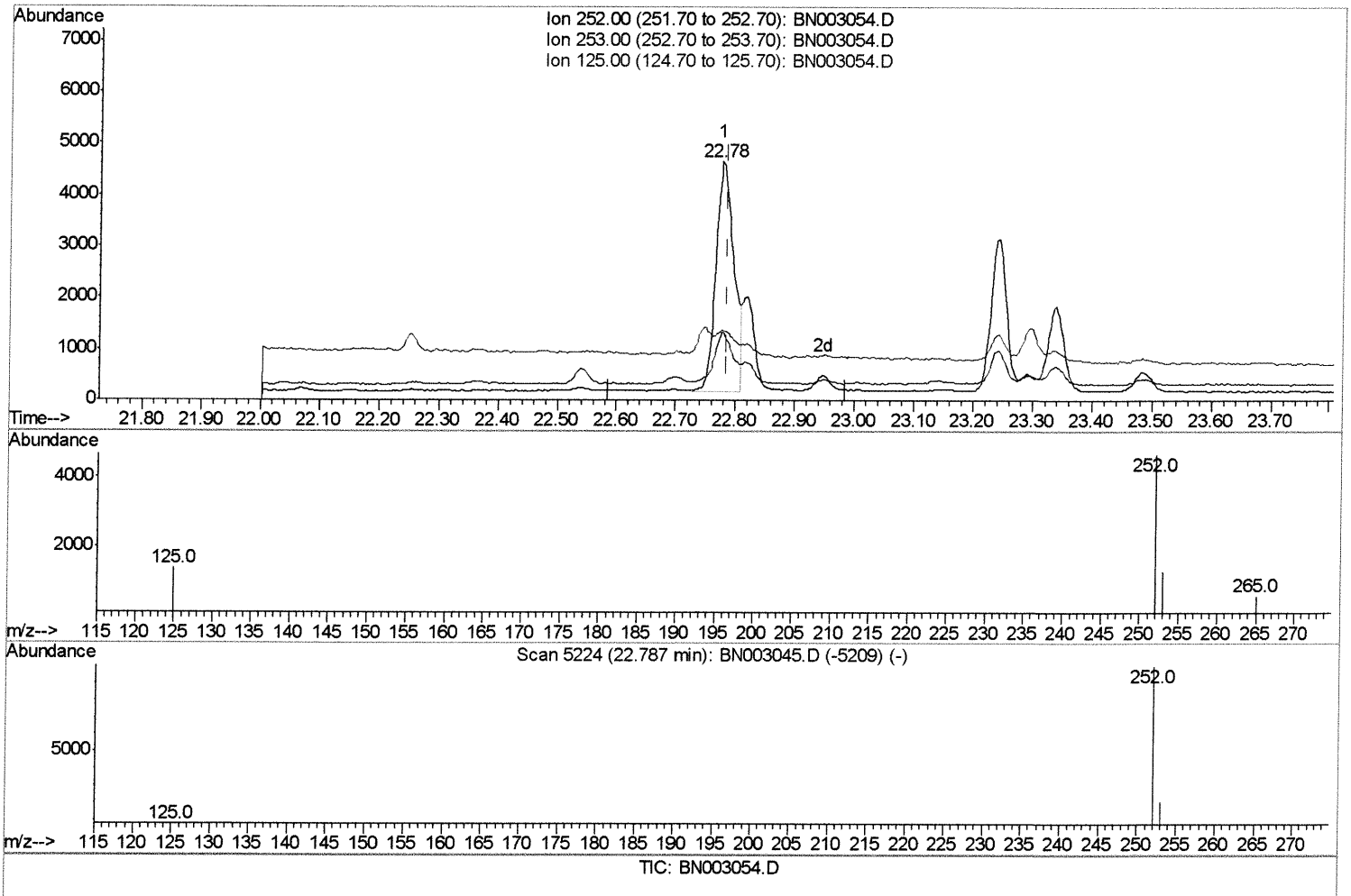
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



TIC: BN003054.D

(21) Benzo(b)fluoranthene

22.776min (-0.010) 0.46ng/ul m

response 9520

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.09
125.00	17.10	29.68
0.00	0.00	0.00

SJ 10/12/18

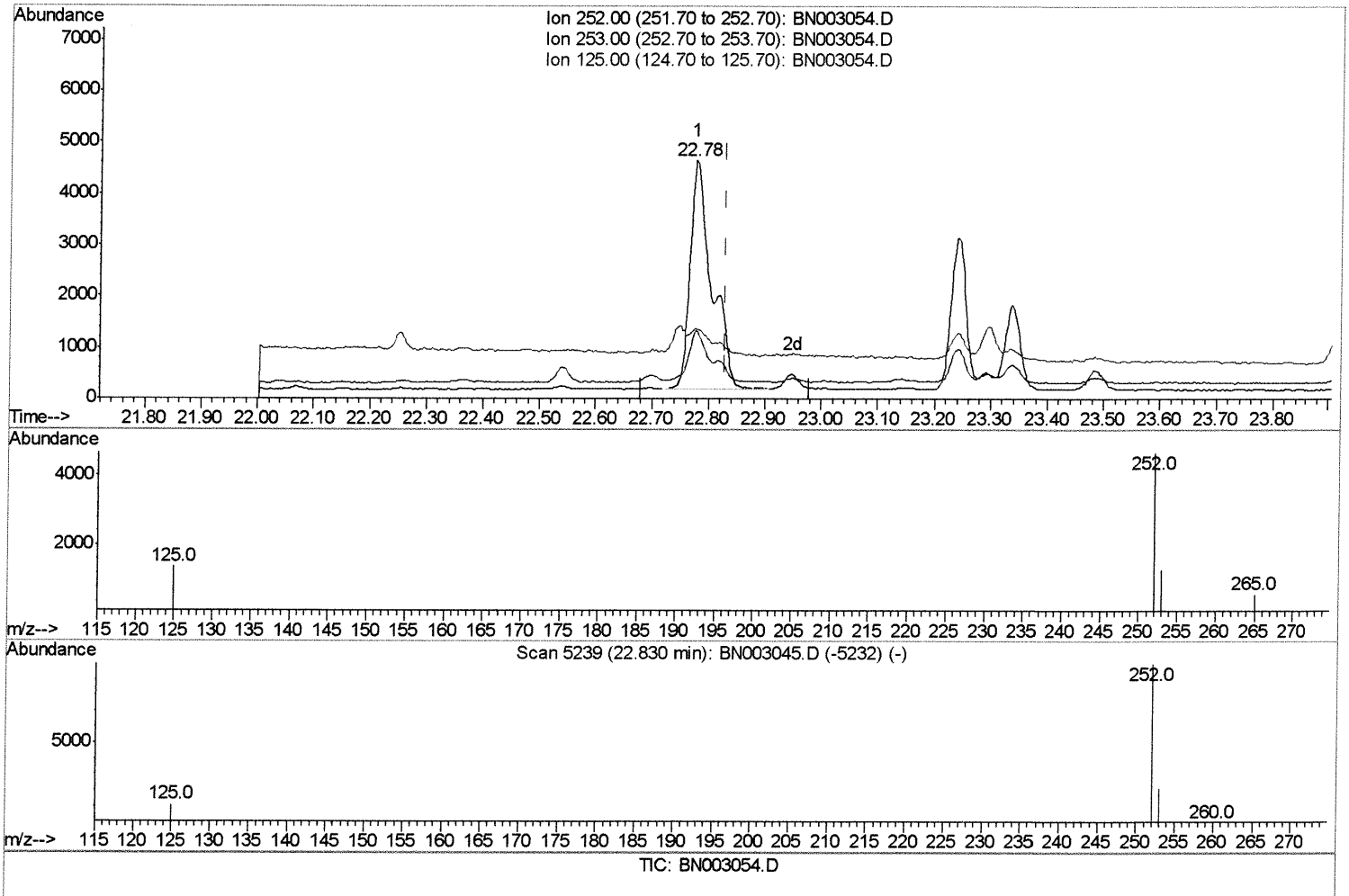
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



TIC: BN003054.D

(22) Benzo(k)fluoranthene

22.776min (-0.054) 0.55ng/ul

response 11942

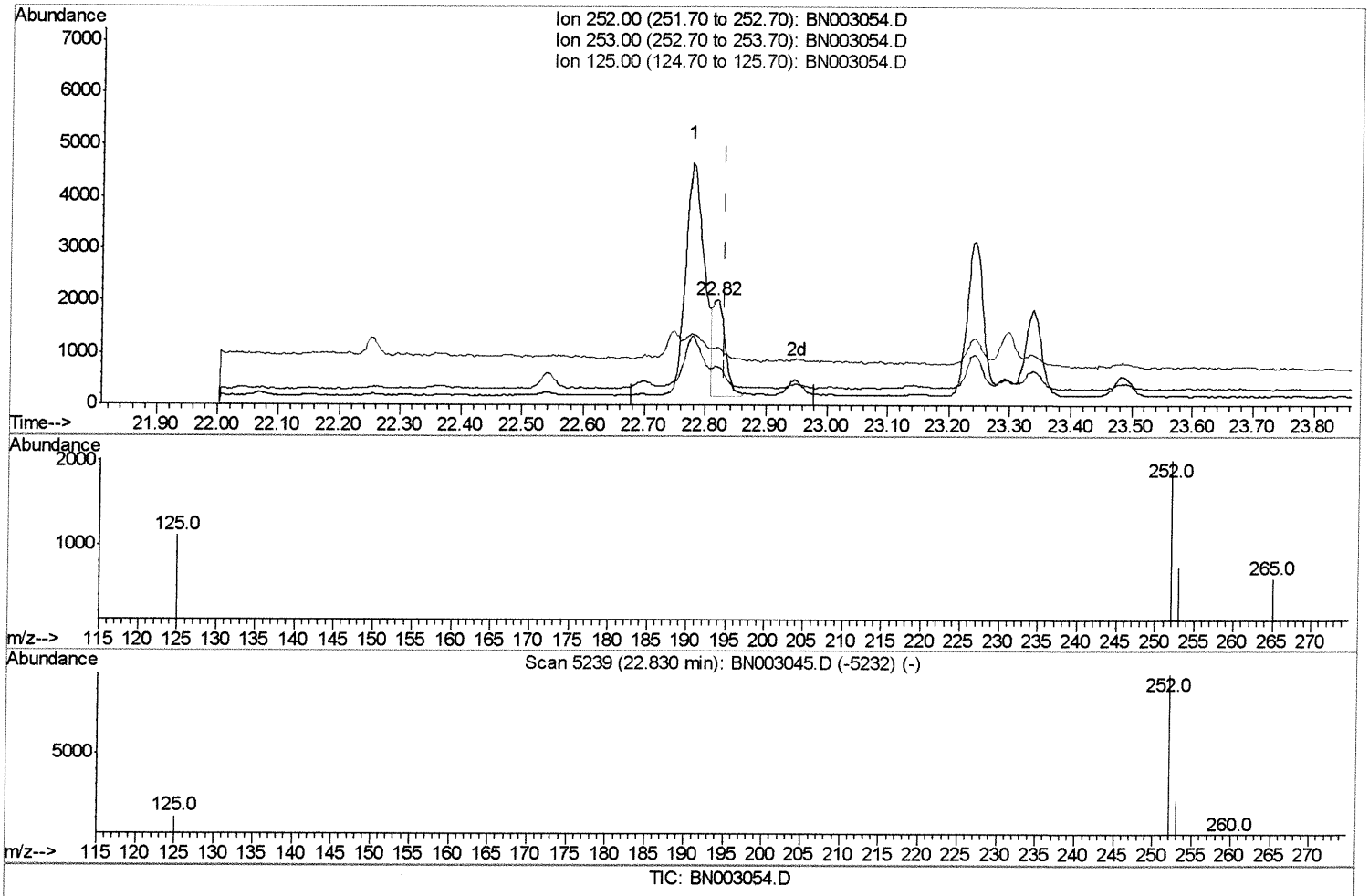
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.09
125.00	17.60	29.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 08:39:32 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 08:36:11 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM



TIC: BN003054.D

(22) Benzo(k)fluoranthene

22.817min (-0.013) 0.12ng/ul m SJ 10/12/18

response 2581

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	36.48#
125.00	17.60	54.99#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
Data File : BN003054.D
Acq On : 10 Oct 2018 07:15
Operator : MJ/SJ
Sample : J5115-05DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 10 09:23:16 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 08:36:11 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLC14DL

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1791	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7379	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4115	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9349	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7027	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5769	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1305	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3268	0.12	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1468	0.078	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	552	0.042	ng/ul	98
7) Acenaphthylene	13.98	152	409	0.022	ng/ul#	62
8) Acenaphthene	14.32	153	1309	0.092	ng/ul	98
9) Fluorene	15.32	166	1083	0.066	ng/ul#	94
12) Phenanthrene	17.06	178	6063	0.233	ng/ul	98
13) Anthracene	17.15	178	730	0.030	ng/ul#	78
15) Fluoranthene	19.09	202	8806	0.288	ng/ul	99
17) Pyrene	19.45	202	10123m	0.371	ng/ul	
18) Benzo(a)anthracene	21.21	228	4967m	0.220	ng/ul	
19) Chrysene	21.26	228	26989	1.175	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	9520m	0.458	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2581m	0.120	ng/ul	
23) Benzo(a)pyrene	23.34	252	3109	0.167	ng/ul#	63
24) Indeno(1,2,3-cd)pyrene	25.65	276	3504	0.164	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.64	278	978	0.057	ng/ul#	21
26) Benzo(g,h,i)perylene	26.33	276	3788	0.210	ng/ul#	90

> SJ 10/12/18

> SJ 10/12/18

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