Quantitation Report (QT Reviewed)

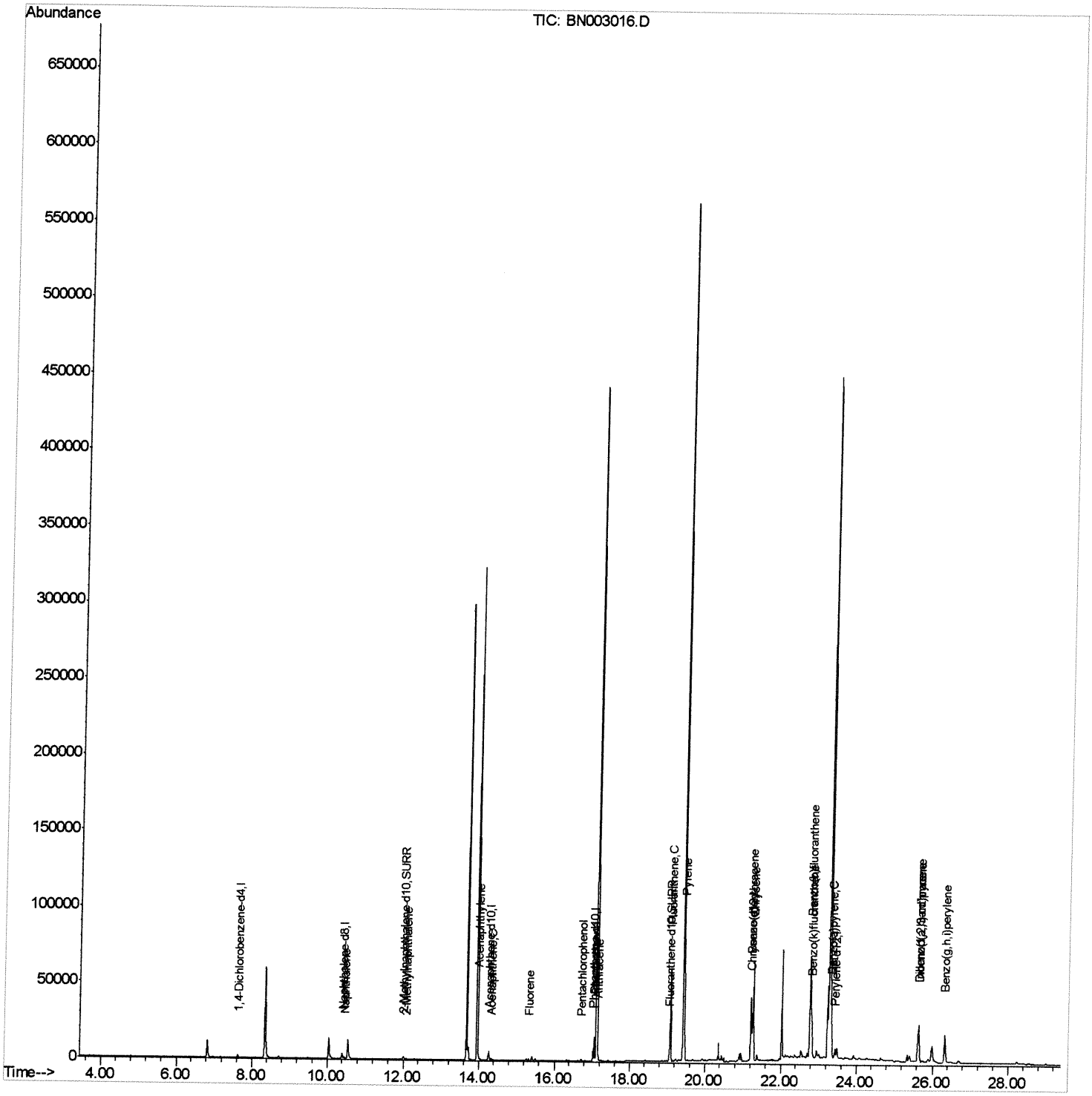
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:38:00 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



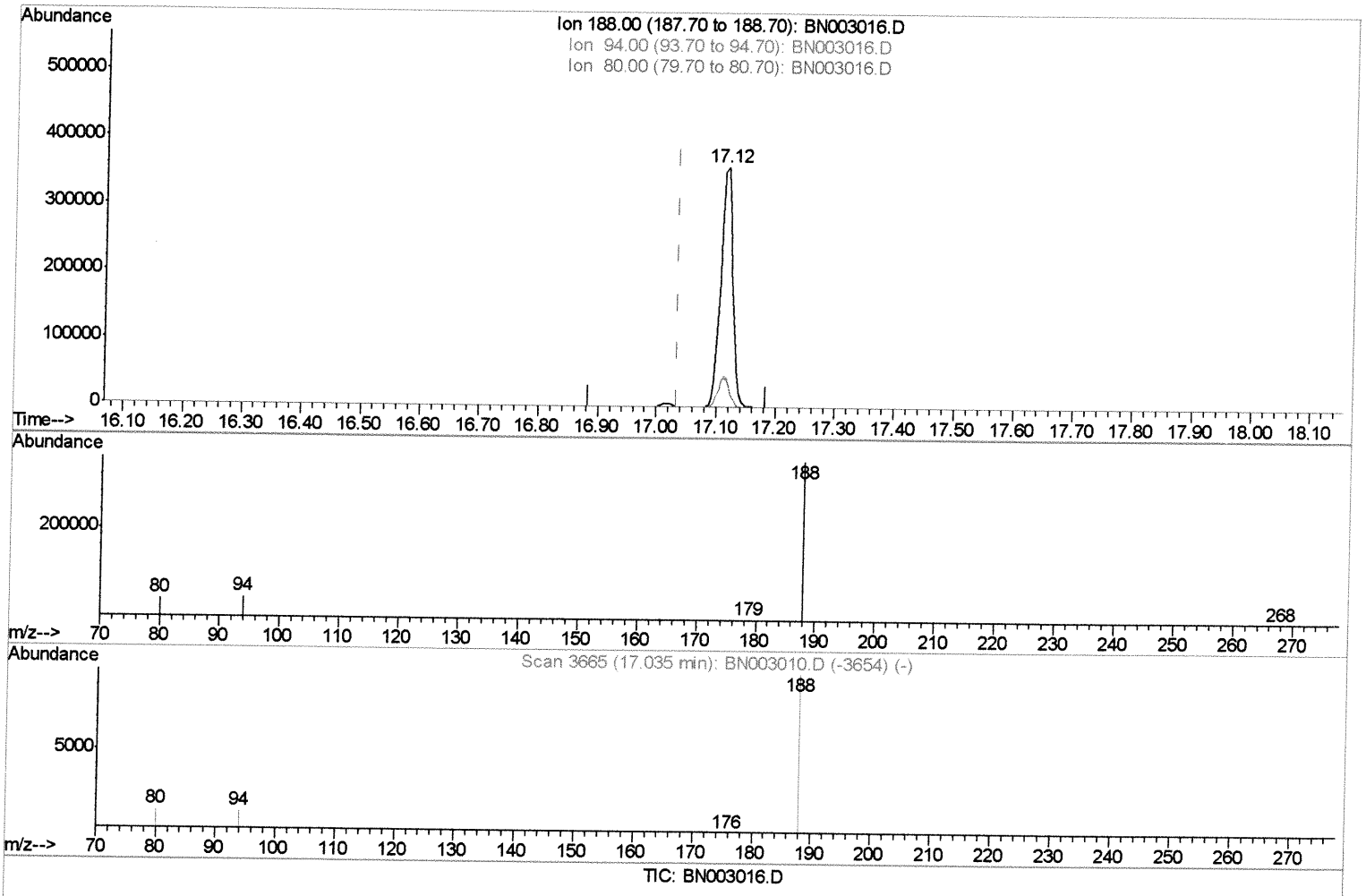
Quantitation Report (Qedit)

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:30:33 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration



TIC: BN003016.D

(10) Phenanthrene-d10 (I)

17.116min (+0.080) 0.40ng/ul

response 507196

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.37
80.00	12.70	11.19
0.00	0.00	0.00

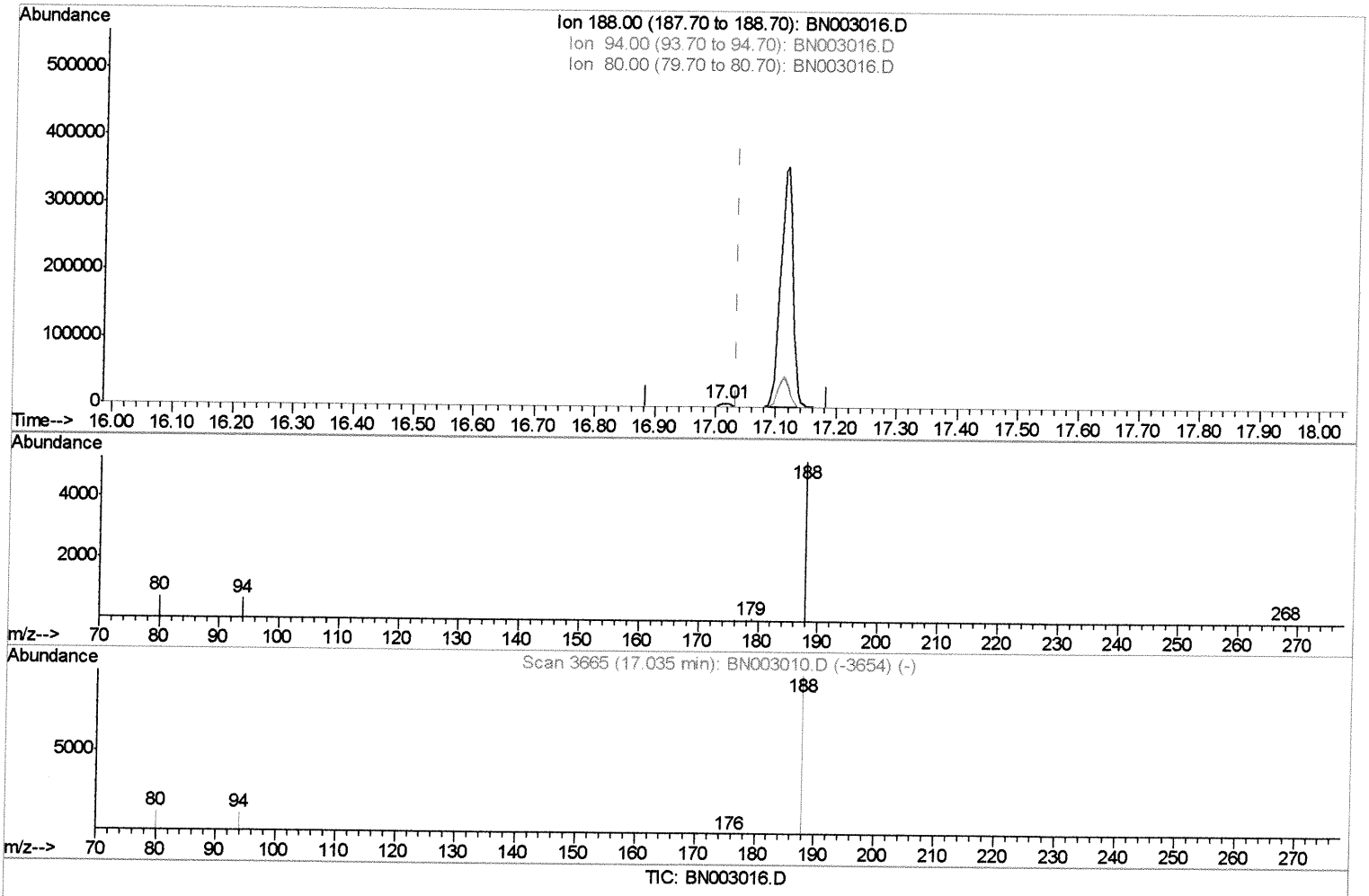
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:30:33 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM



TIC: BN003016.D

(10) Phenanthrene-d10 (I)

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

response 7634

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.88
80.00	12.70	14.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
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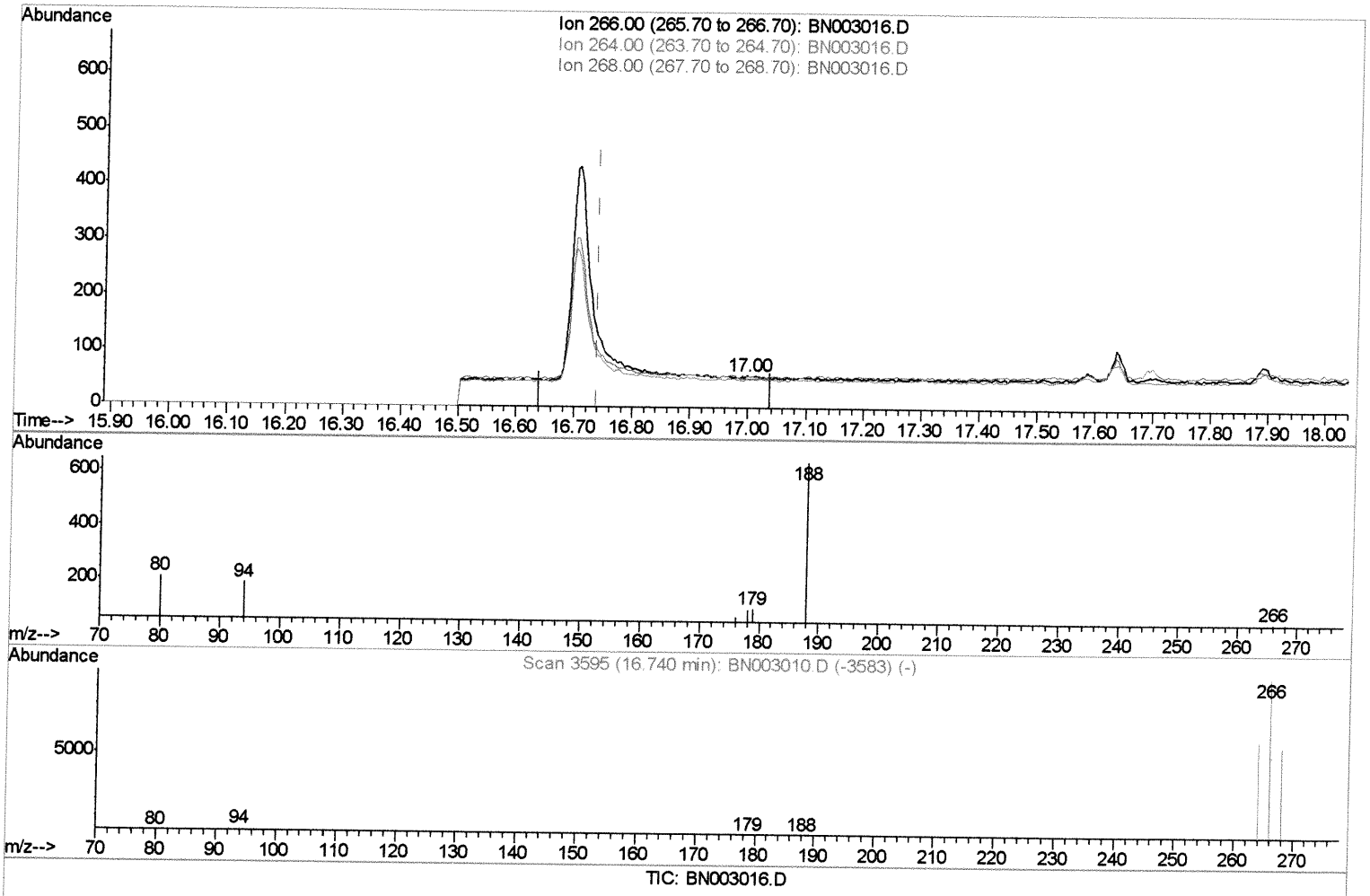
Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



TIC: BN003016.D

(11) Pentachlorophenol

16.998min (+0.258) 0.02ng/ul

response 12

Ion	Exp%	Act%
266.00	100	100
264.00	65.60	0.00#
268.00	60.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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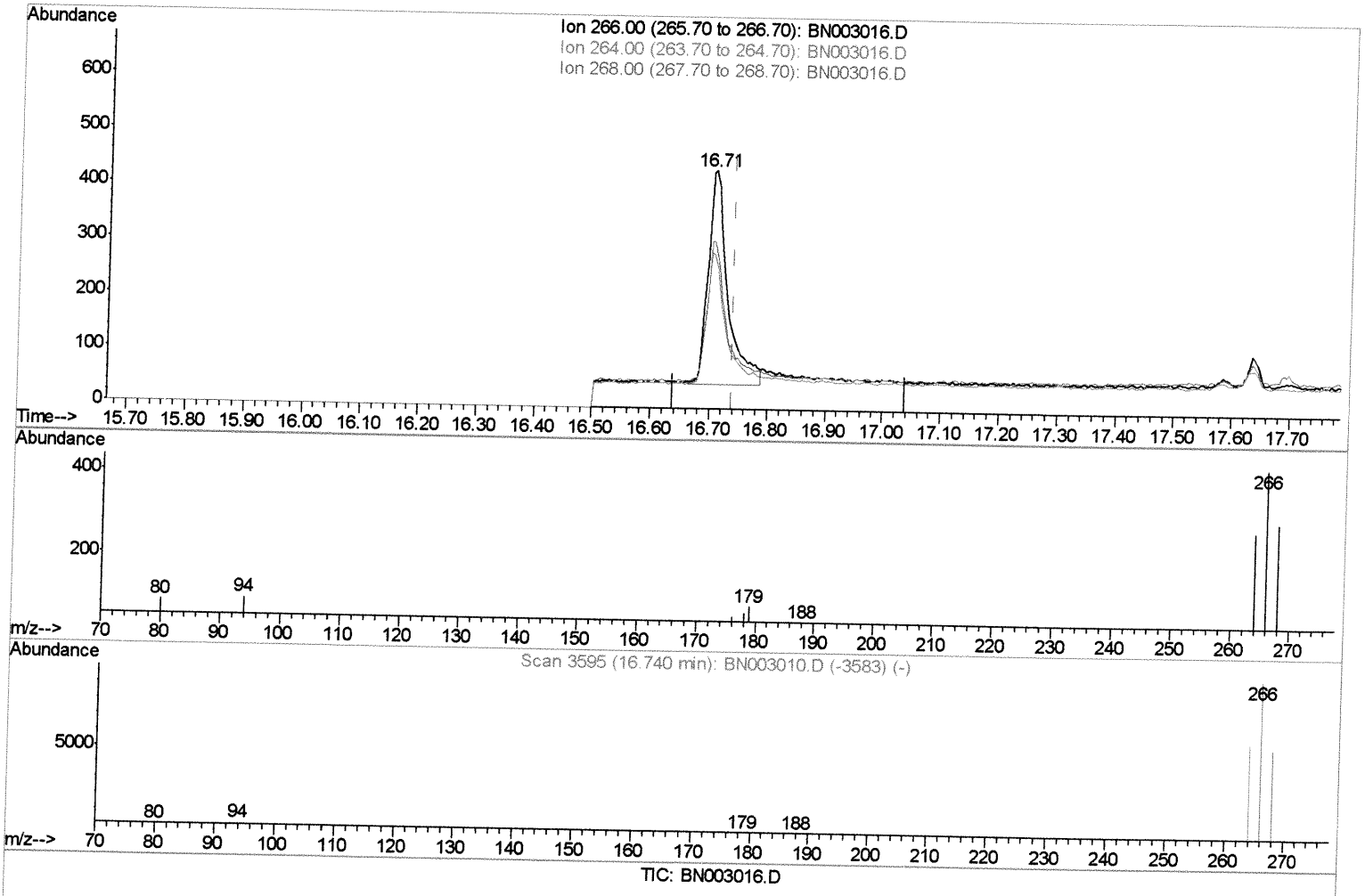
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration



TIC: BN003016.D

(11) Pentachlorophenol

16.706min (-0.034) 1.23ng/ul m SJ 10/10/18

response 912

Ion	Exp%	Act%
266.00	100	100
264.00	65.60	0.00#
268.00	60.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
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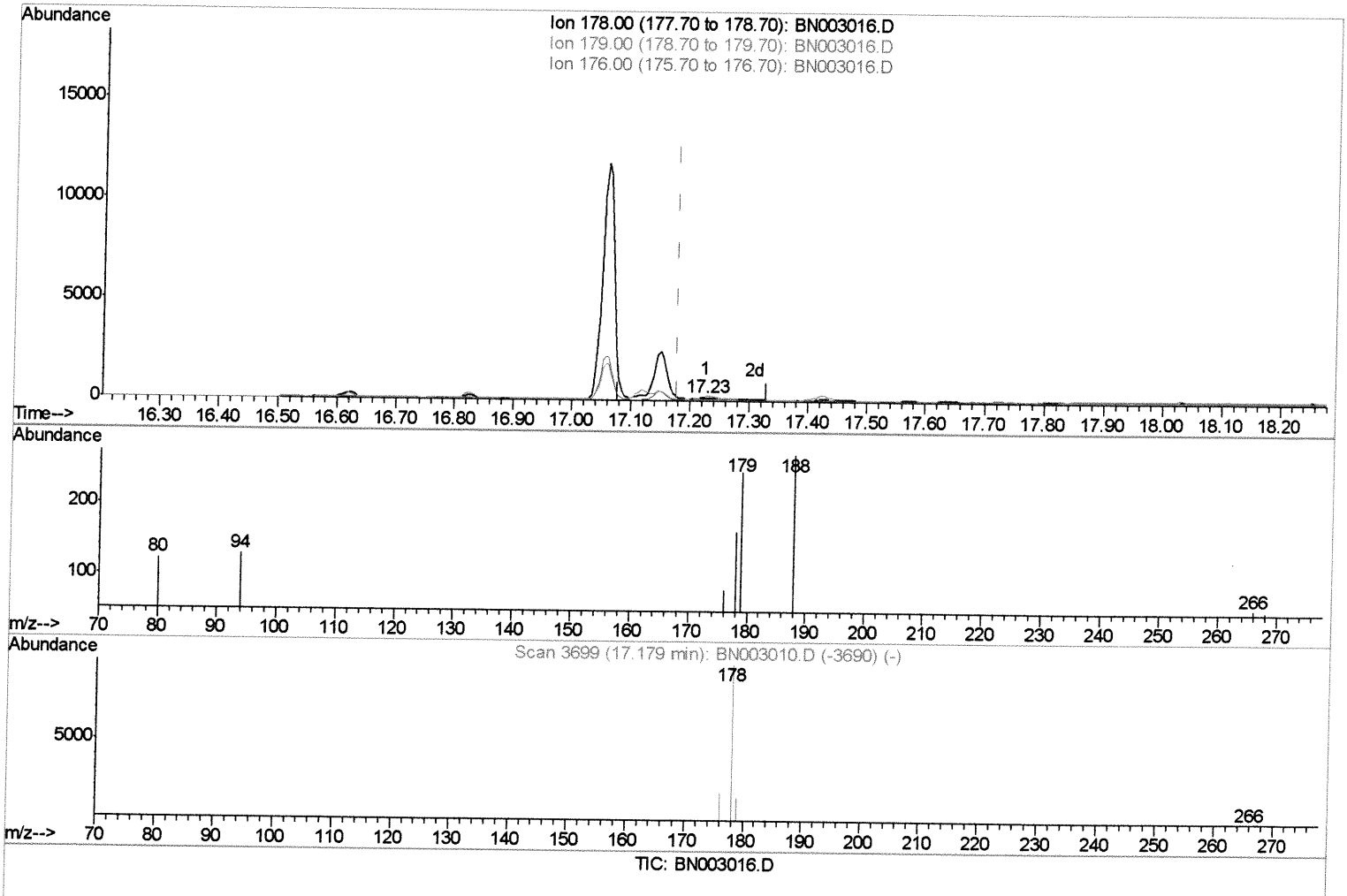
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



(13) Anthracene

17.226min (+0.047) 0.01ng/ul

response 113

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	151.83#
176.00	19.10	50.00#
0.00	0.00	0.00

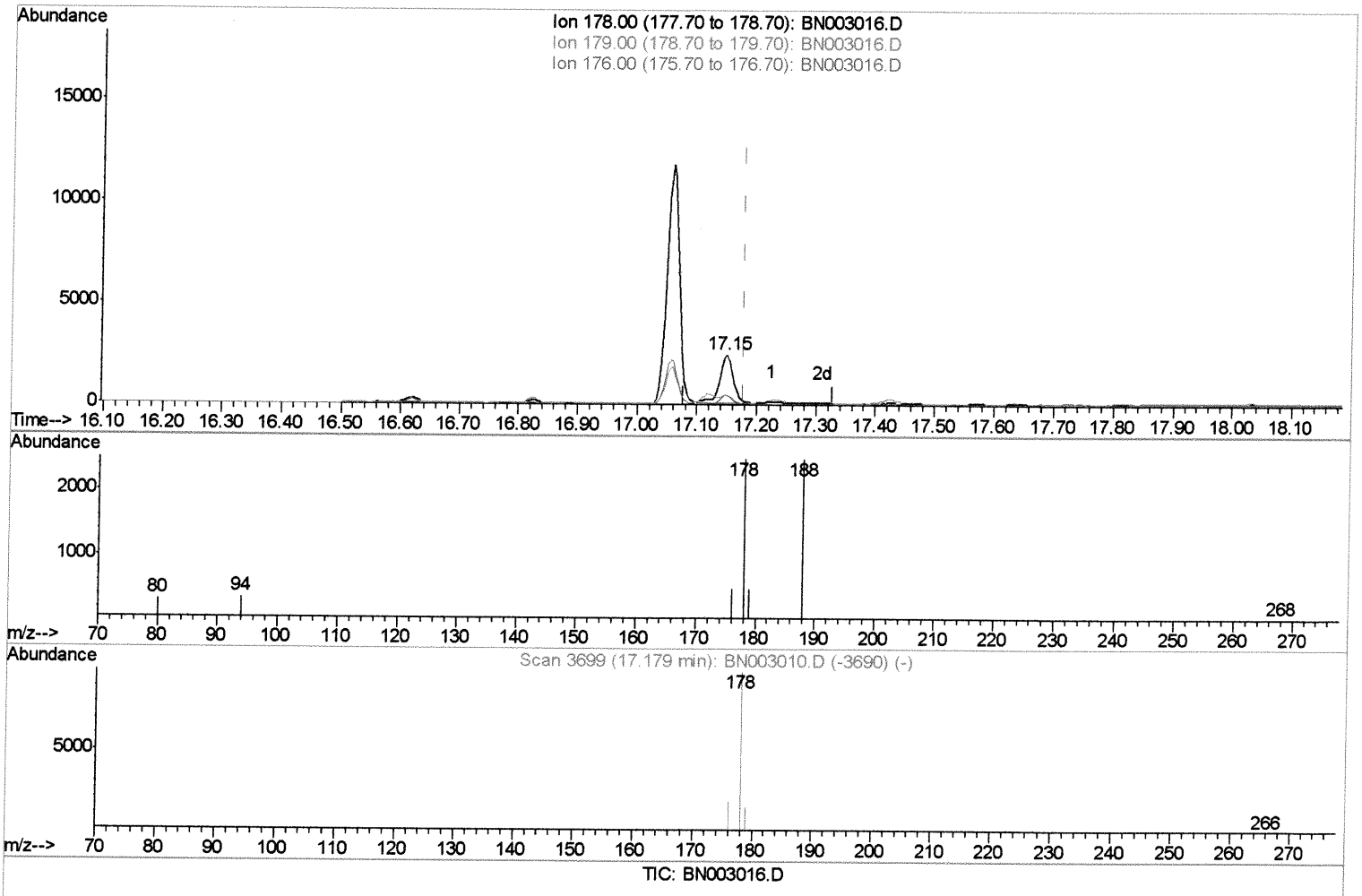
Quantitation Report (Qedit)

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration



TIC: BN003016.D

(13) Anthracene

17.150min (-0.029) 0.19ng/ul m SJ 10/10/18

response 3775

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	20.02#
176.00	19.10	19.94
0.00	0.00	0.00

Quantitation Report (Qedit)

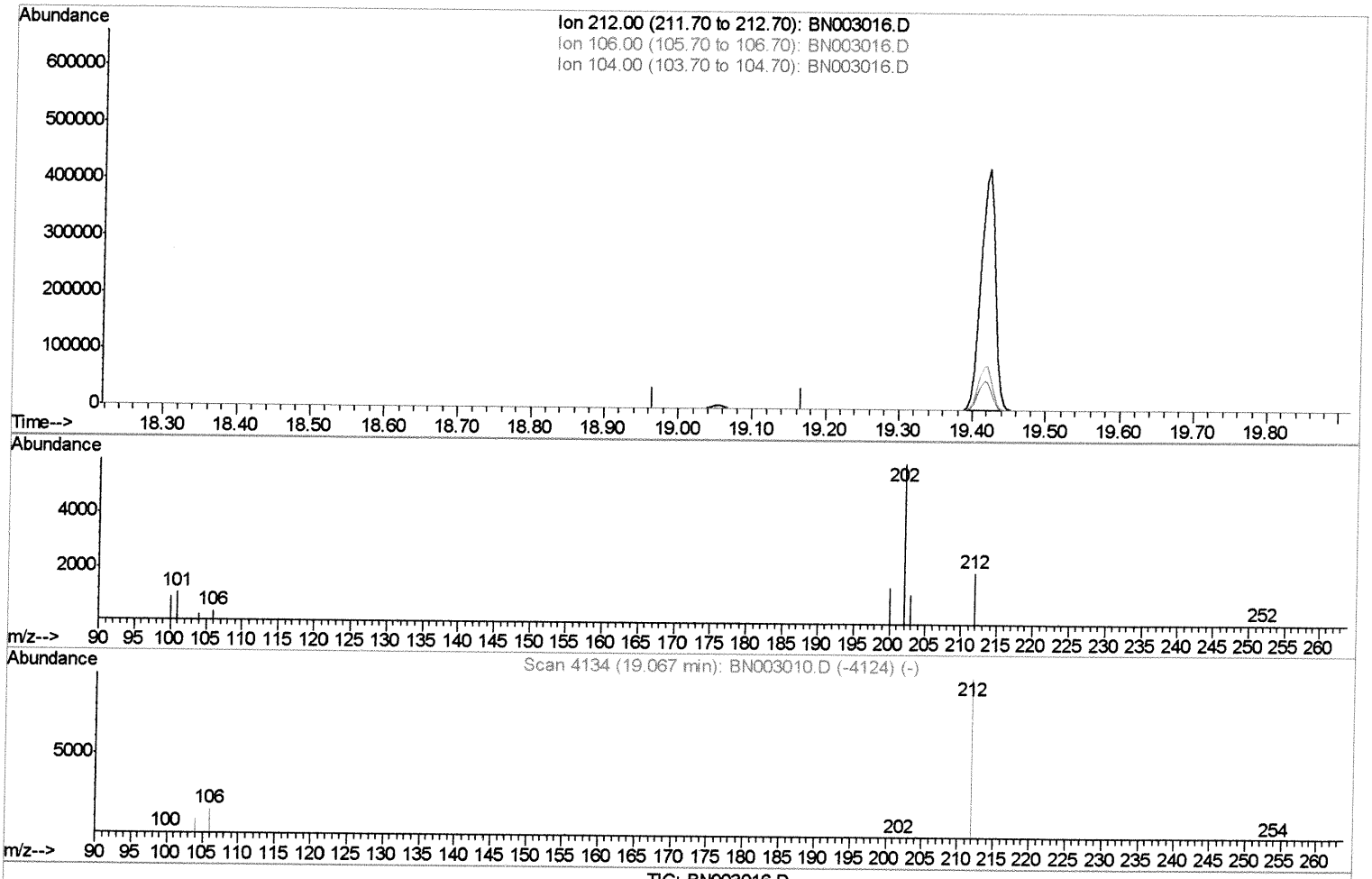
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



TIC: BN003016.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)

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
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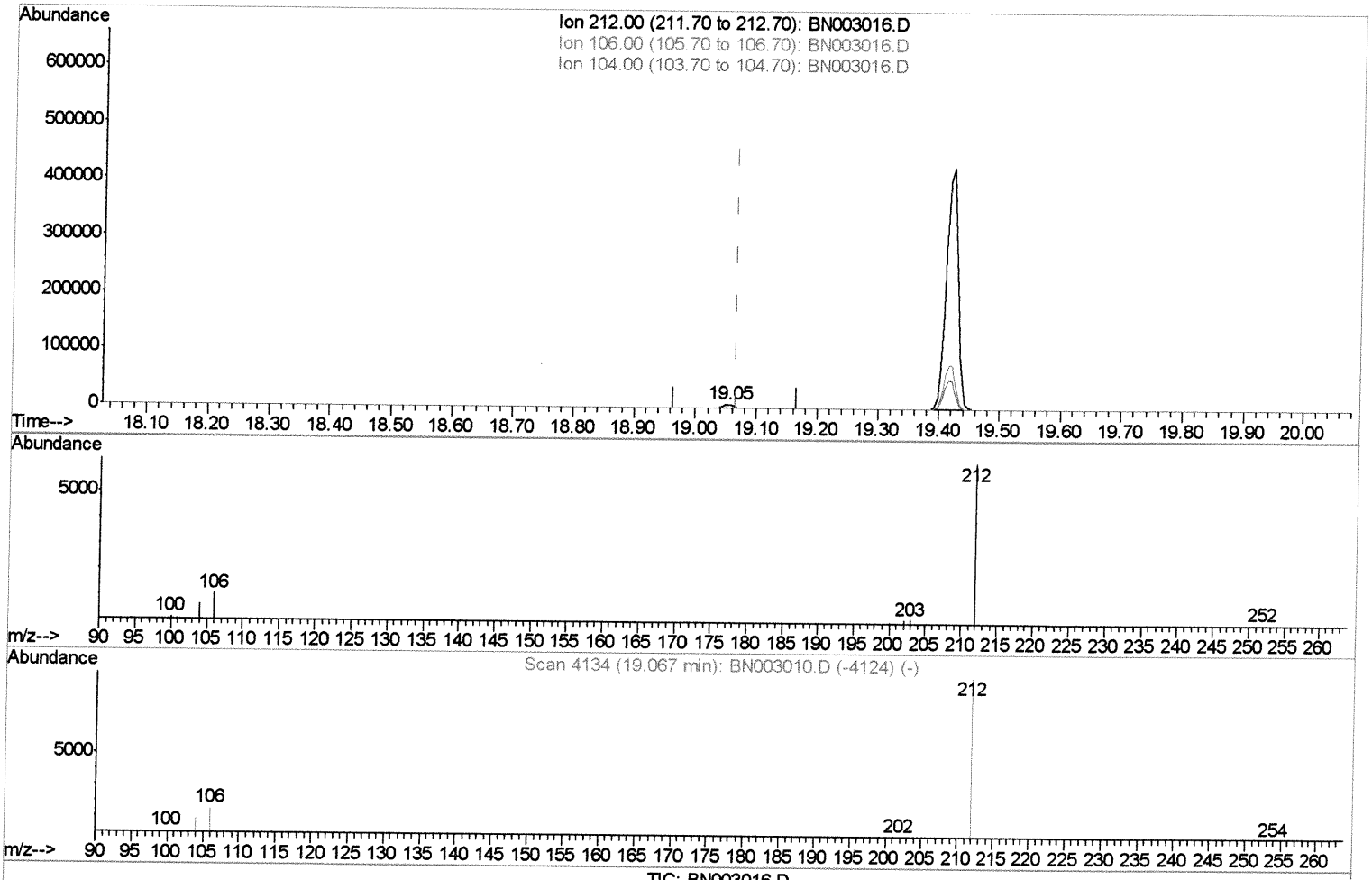

TIC: BN003016.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.38ng/ul m SJ 10/10/18

response 8385

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)

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
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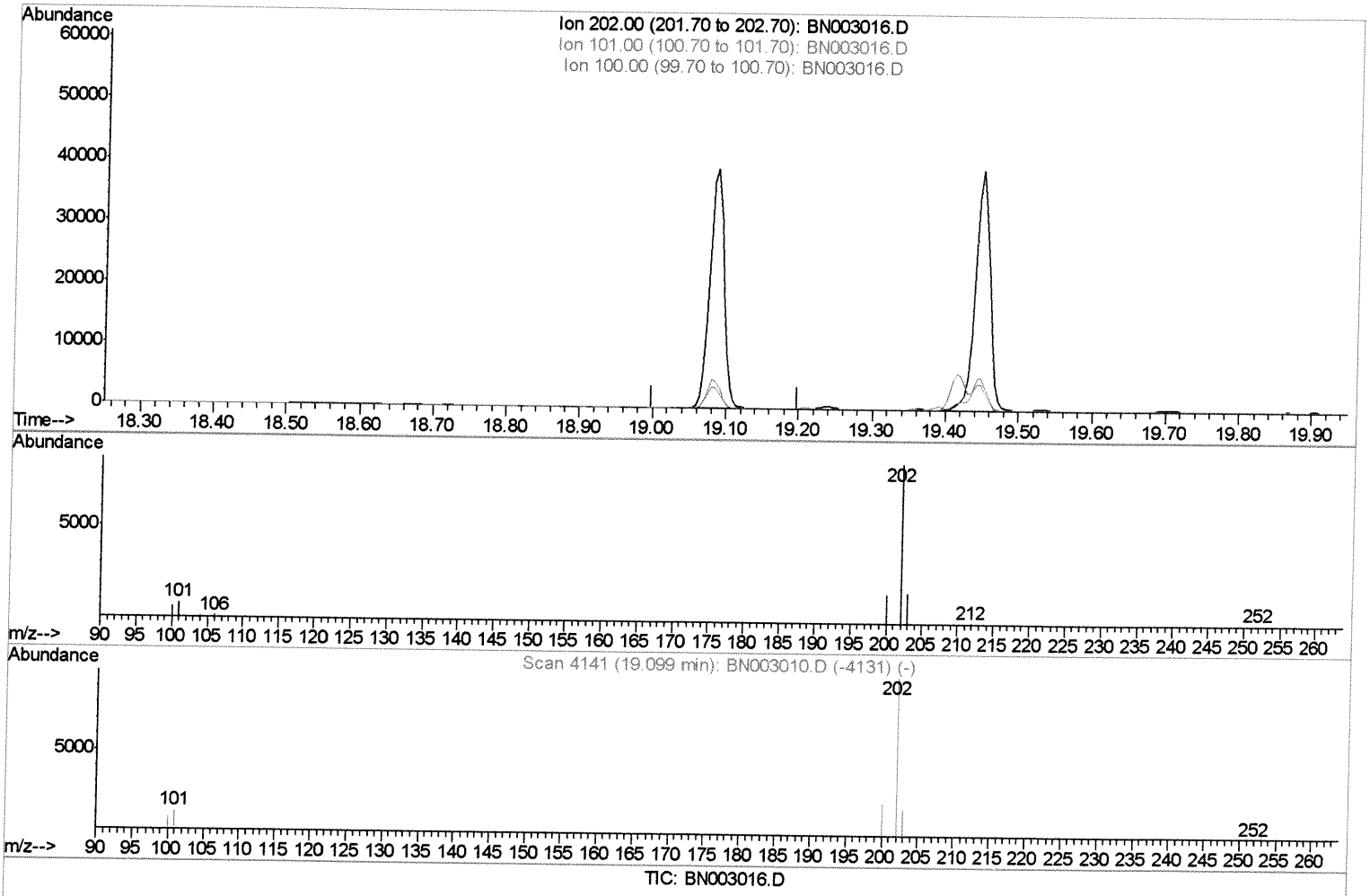


TIC: BN003016.D

(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)

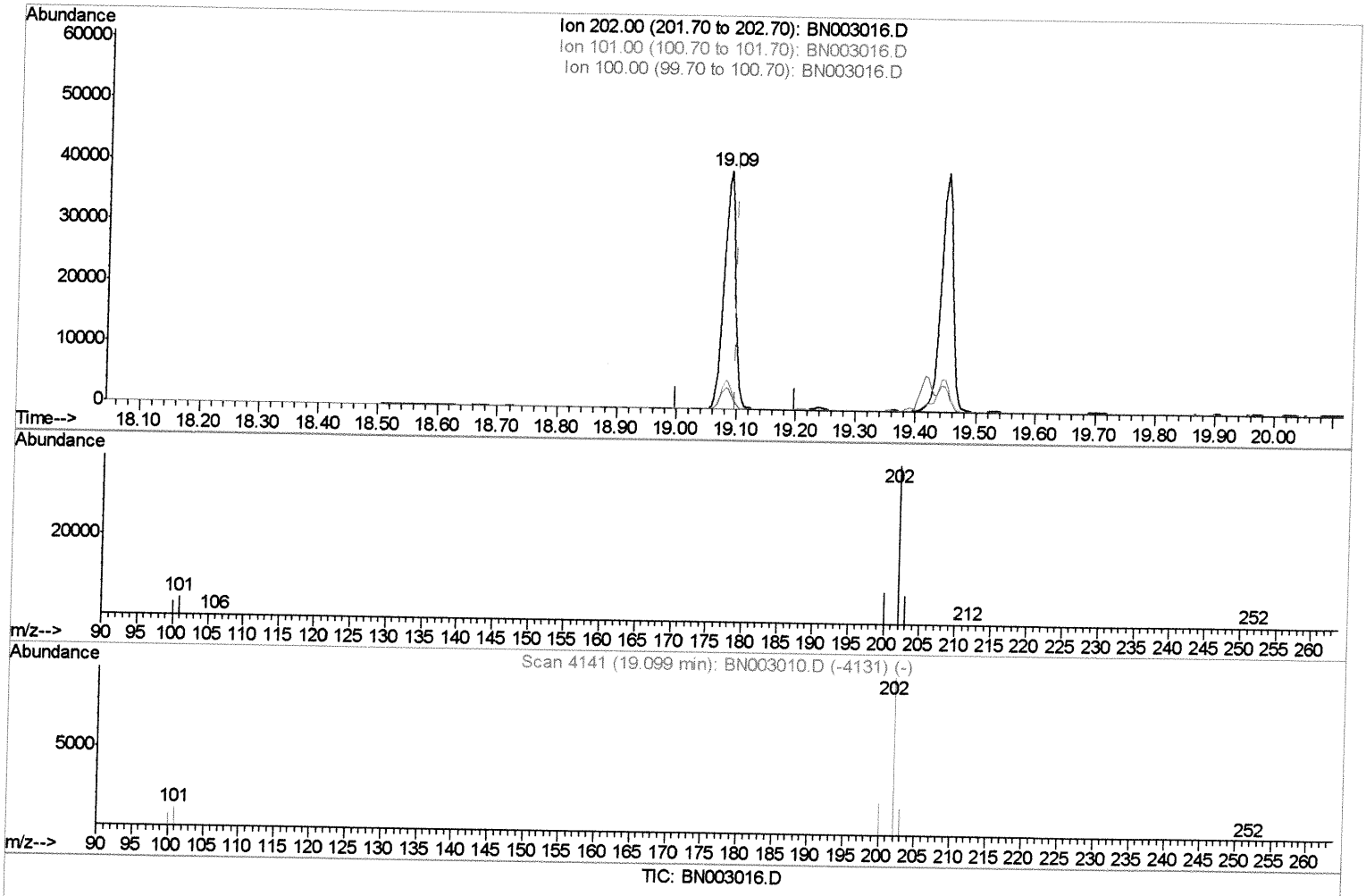
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



TIC: BN003016.D

(15) Fluoranthene (C)

19.086min (-0.014) 2.10ng/ul m SJ 10/10/18

response 52522

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	11.43
100.00	9.10	8.50
0.00	0.00	0.00

Quantitation Report (Qedit)

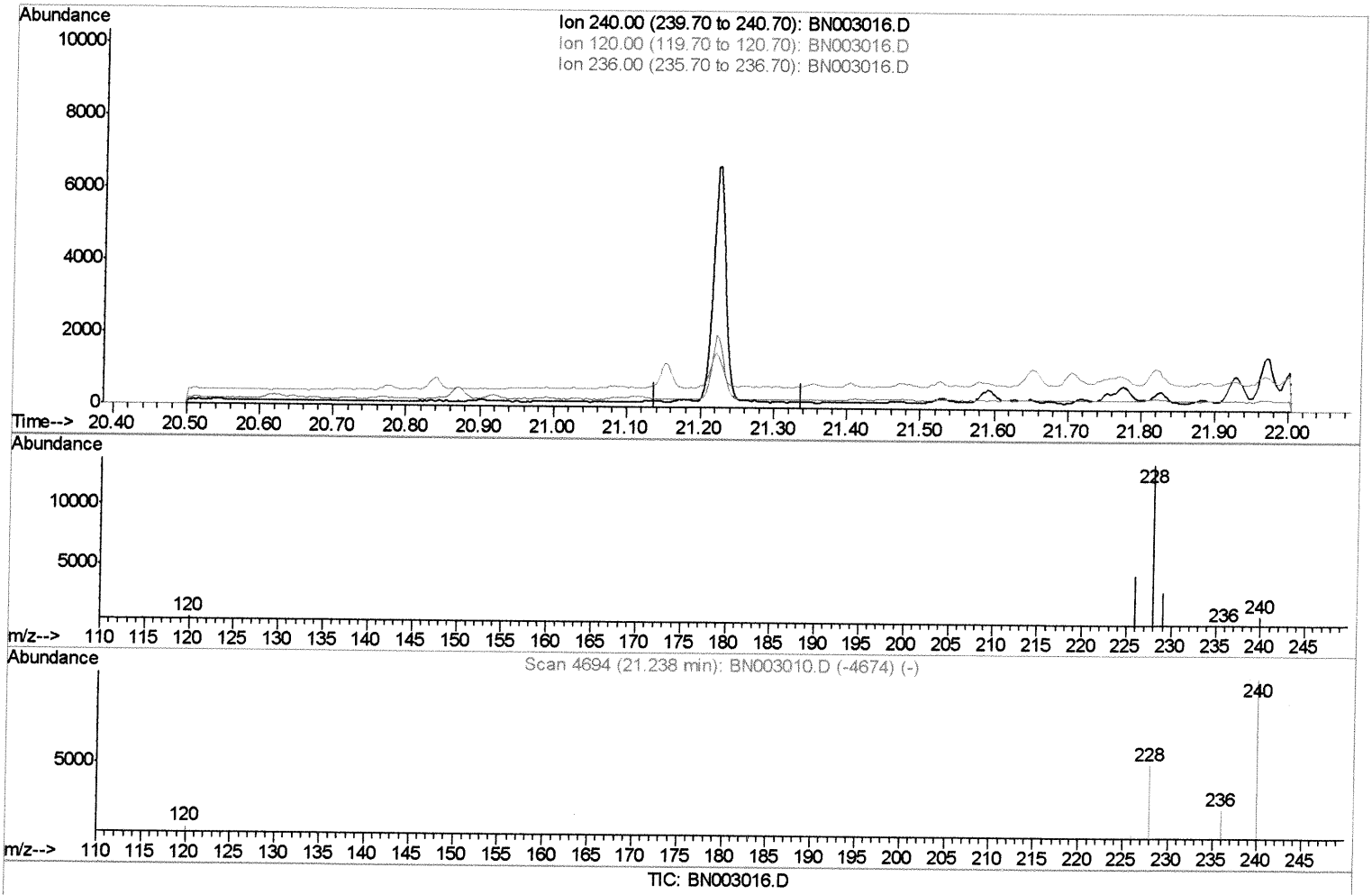
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:33:35 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



(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\BN100918\
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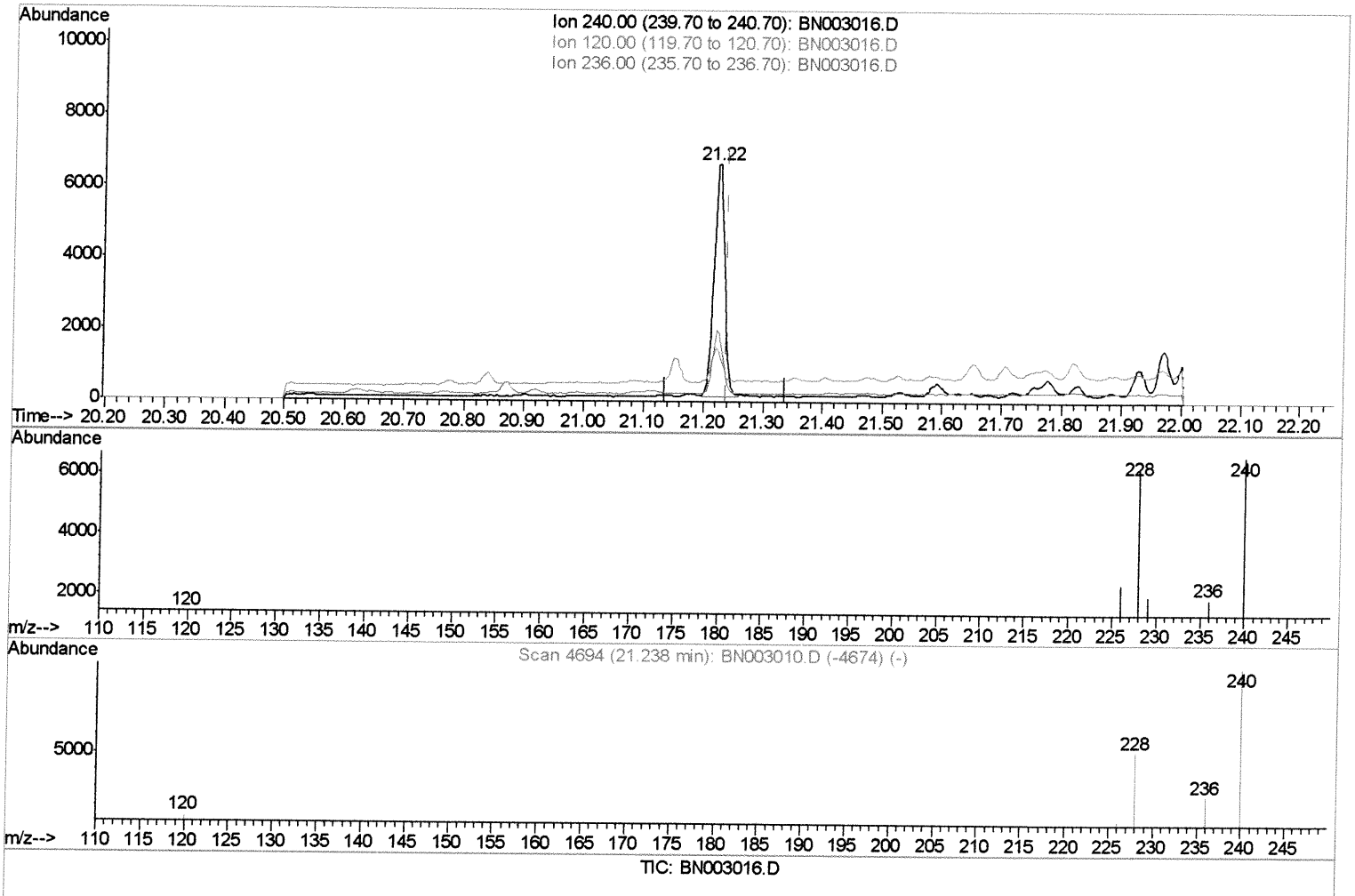
Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



(16) Chrysene-d12 (I)

21.224min (-0.013) 0.40ng/ul m SJ 10/10/18

response 8028

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	21.32#
236.00	28.10	29.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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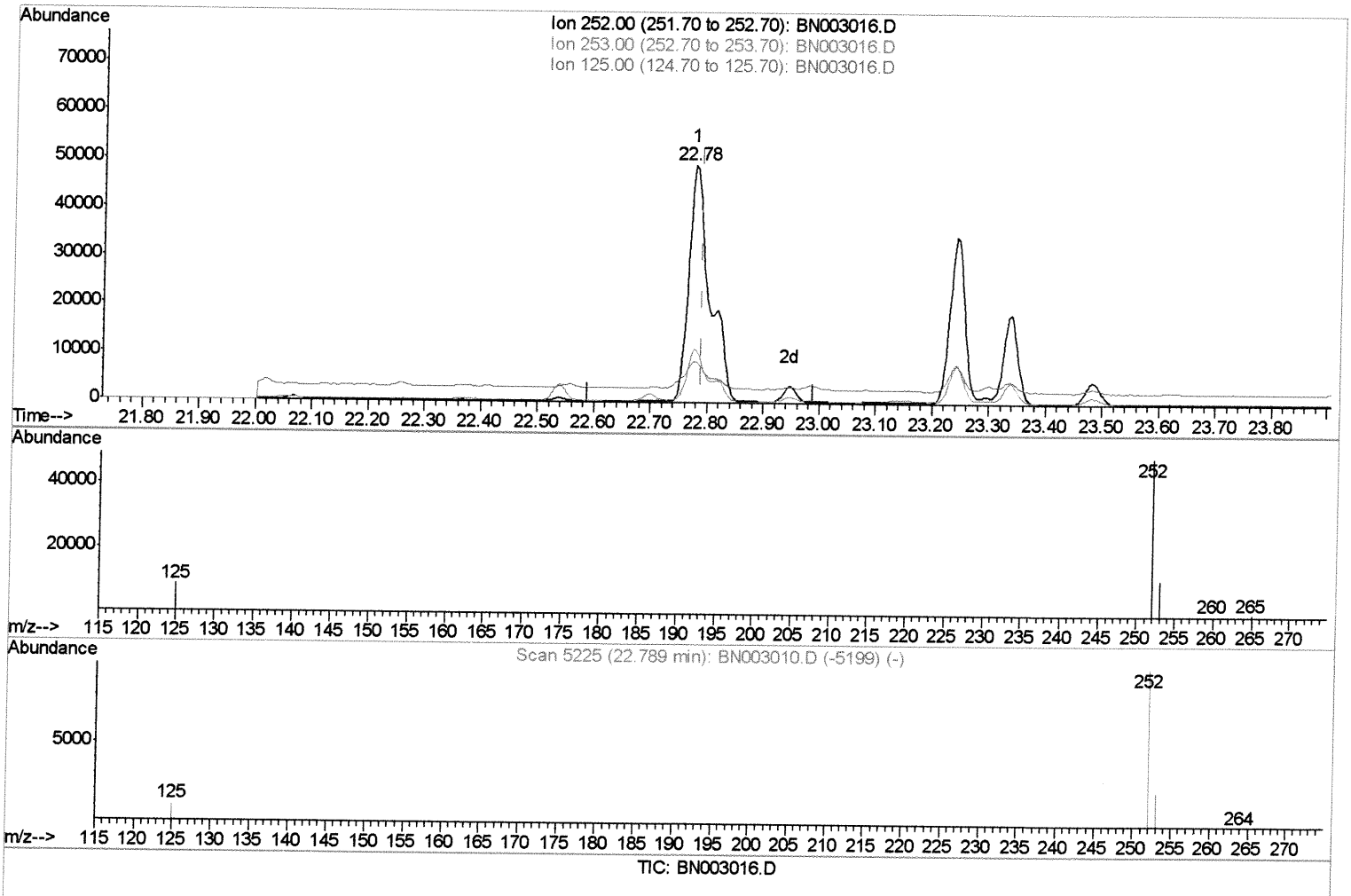
Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



TIC: BN003016.D

(21) Benzo(b)fluoranthene

22.776min (-0.013) 4.13ng/ul

response 129185

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.60
125.00	17.10	17.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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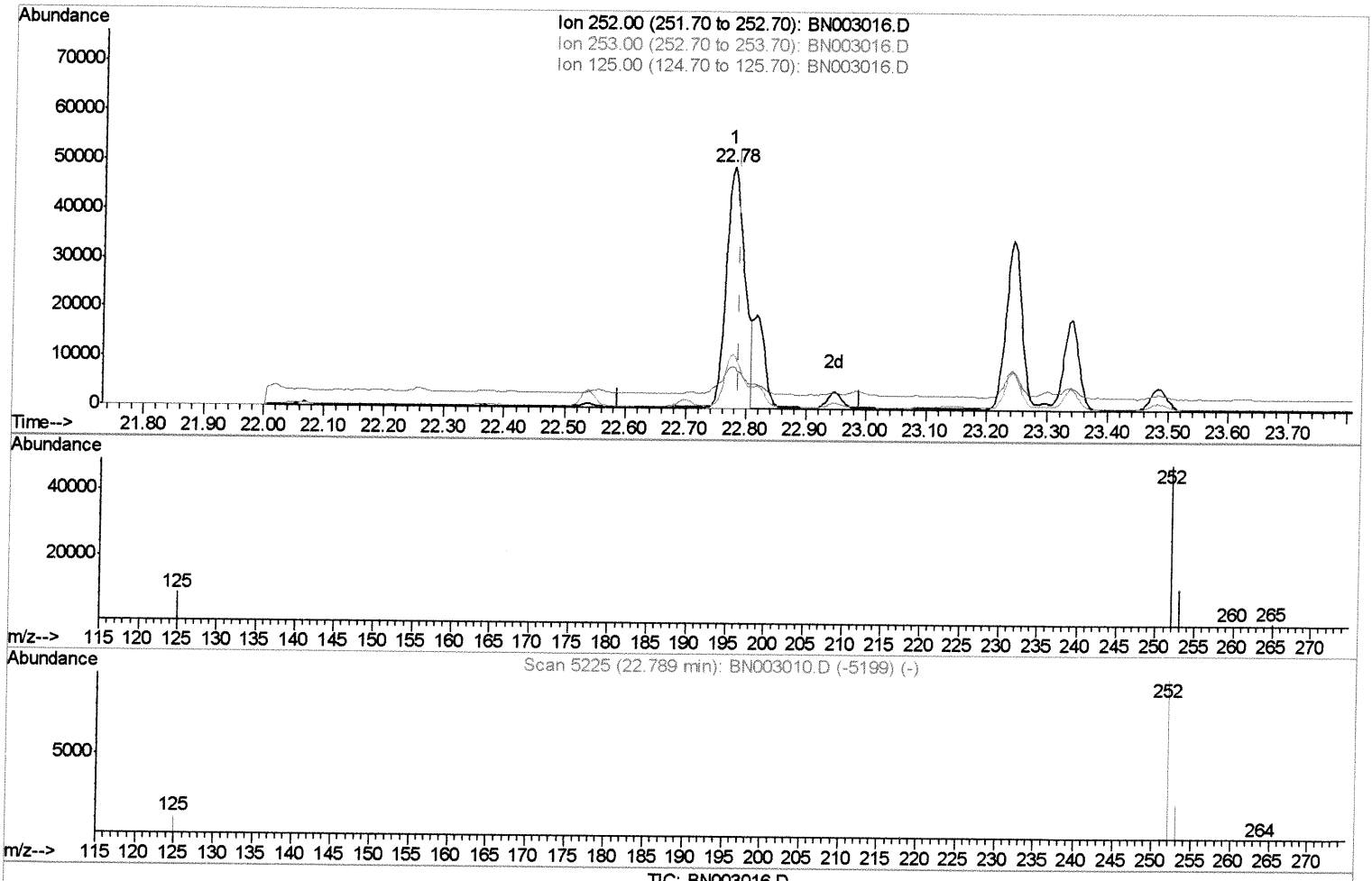
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



TIC: BN003016.D

(21) Benzo(b)fluoranthene

22.776min (-0.013) 3.38ng/ul m SJ 10/10/18

response 105758

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.60
125.00	17.10	17.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM

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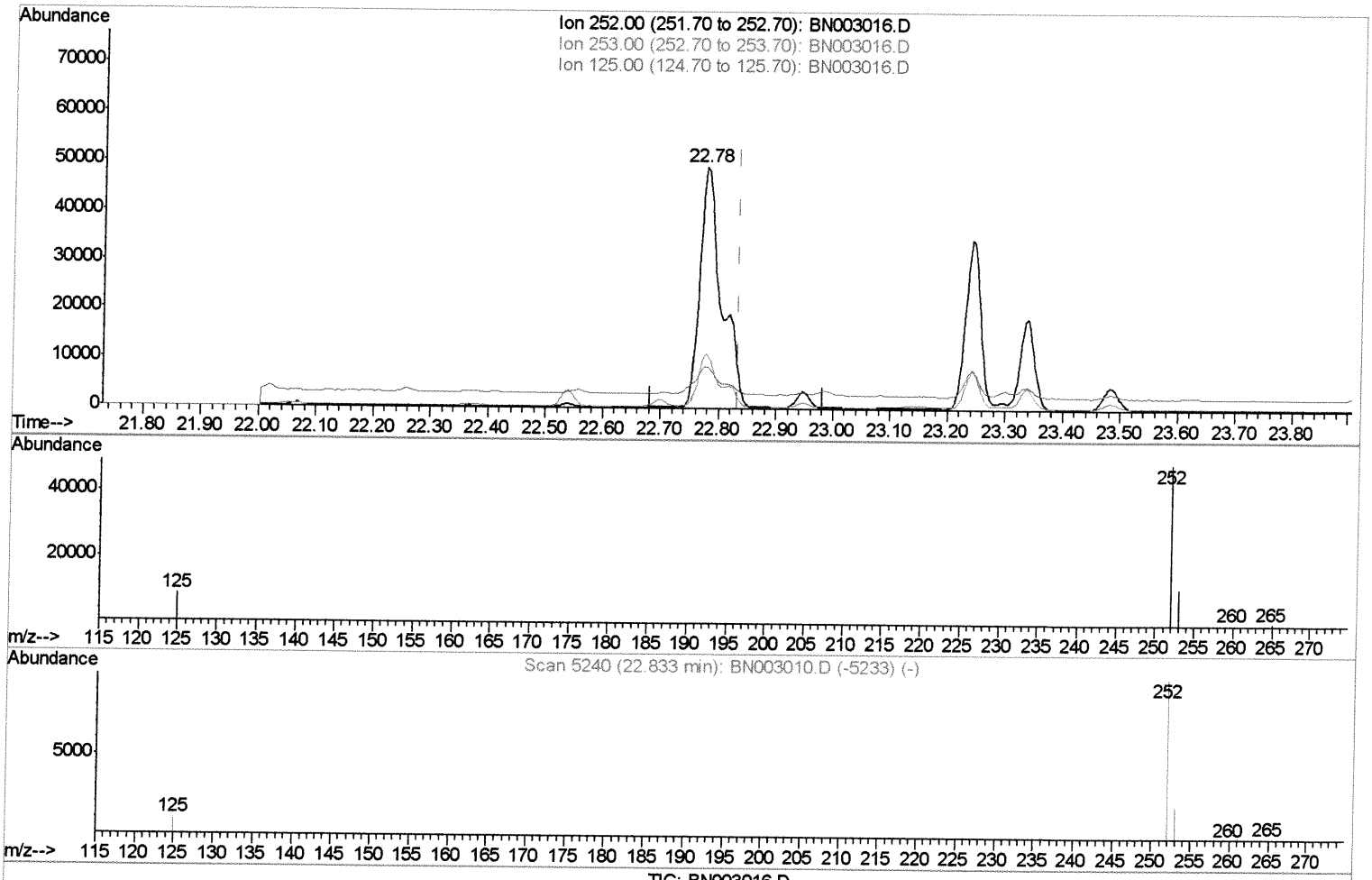

TIC: BN003016.D

(22) Benzo(k)fluoranthene

22.776min (-0.057) 3.99ng/ul

response 129185

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.60
125.00	17.60	17.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
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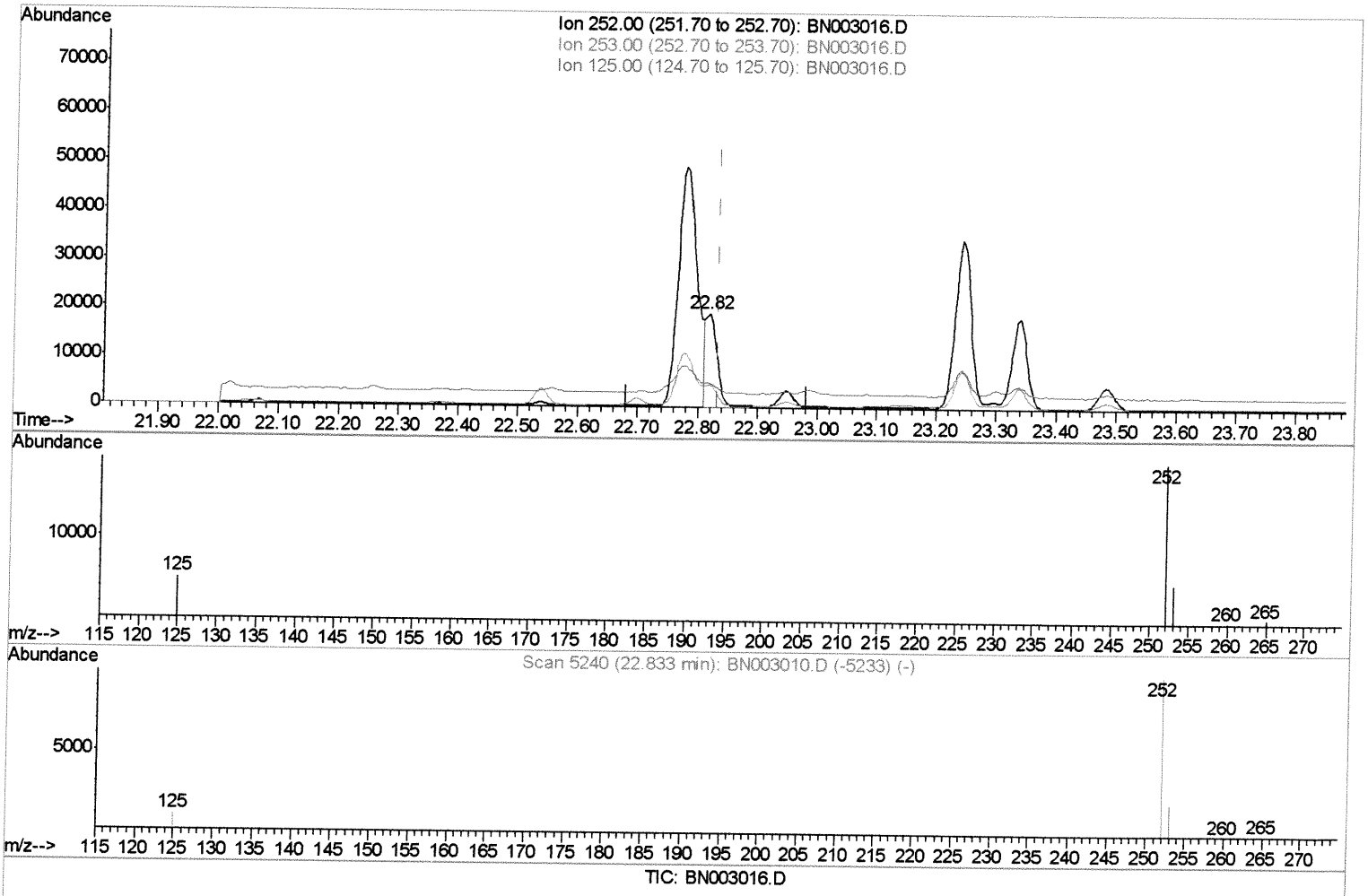
Manual Integrations APPROVED

Sohil
10/9/2018 5:38:30 PM



TIC: BN003016.D

(22) Benzo(k)fluoranthene

22.817min (-0.016) 0.82ng/ul m SJ 10/10/18

response 26575

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.47
125.00	17.60	26.39#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
JLC55

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:30 PM

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003016.D
Acq On : 09 Oct 2018 08:25
Operator : MJ/SJ
Sample : J5116-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 10:38:00 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.63	152	1214	0.40	ng/ul	-0.02	
2) Naphthalene-d8	10.39	136	5251	0.40	ng/ul	-0.02	
6) Acenaphthene-d10	14.26	164	3242	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.01	188	7634m	0.40	ng/ul	-0.02	>SJ 10/10/18
16) Chrysene-d12	21.22	240	8028m	0.40	ng/ul	-0.01	
20) Perylene-d12	23.43	264	8678	0.40	ng/ul	-0.02	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.00	152	2974	0.37	ng/ul	-0.02	
14) Fluoranthene-d10	19.05	212	8385m	0.38	ng/ul	-0.01	SJ 10/10/18
Target Compounds						Qvalue	
3) Naphthalene	10.44	128	888	0.066	ng/ul#	82	
5) 2-Methylnaphthalene	12.08	142	592	0.064	ng/ul	93	
7) Acenaphthylene	13.98	152	1319	0.089	ng/ul#	87	
8) Acenaphthene	14.32	153	828	0.074	ng/ul	96	
9) Fluorene	15.32	166	670	0.052	ng/ul#	93	
11) Pentachlorophenol	16.71	266	912m	1.231	ng/ul		SJ 10/10/18
12) Phenanthrene	17.06	178	16515	0.776	ng/ul	99	
13) Anthracene	17.15	178	3775m	0.188	ng/ul		>SJ 10/10/18
15) Fluoranthene	19.09	202	52522m	2.104	ng/ul		
17) Pyrene	19.45	202	53936	1.730	ng/ul	97	
18) Benzo(a)anthracene	21.21	228	33537	1.298	ng/ul	99	
19) Chrysene	21.26	228	67986	2.592	ng/ul	99	
21) Benzo(b)fluoranthene	22.78	252	105758m	3.384	ng/ul		>SJ 10/10/18
22) Benzo(k)fluoranthene	22.82	252	26575m	0.820	ng/ul		
23) Benzo(a)pyrene	23.34	252	32396	1.157	ng/ul#	90	
24) Indeno(1,2,3-cd)pyrene	25.64	276	37318	1.159	ng/ul#	94	
25) Dibenzo(a,h)anthracene	25.64	278	9457	0.367	ng/ul#	82	
26) Benzo(g,h,i)perylene	26.32	276	36629	1.350	ng/ul	96	

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