

Quantitation Report (QT Reviewed)

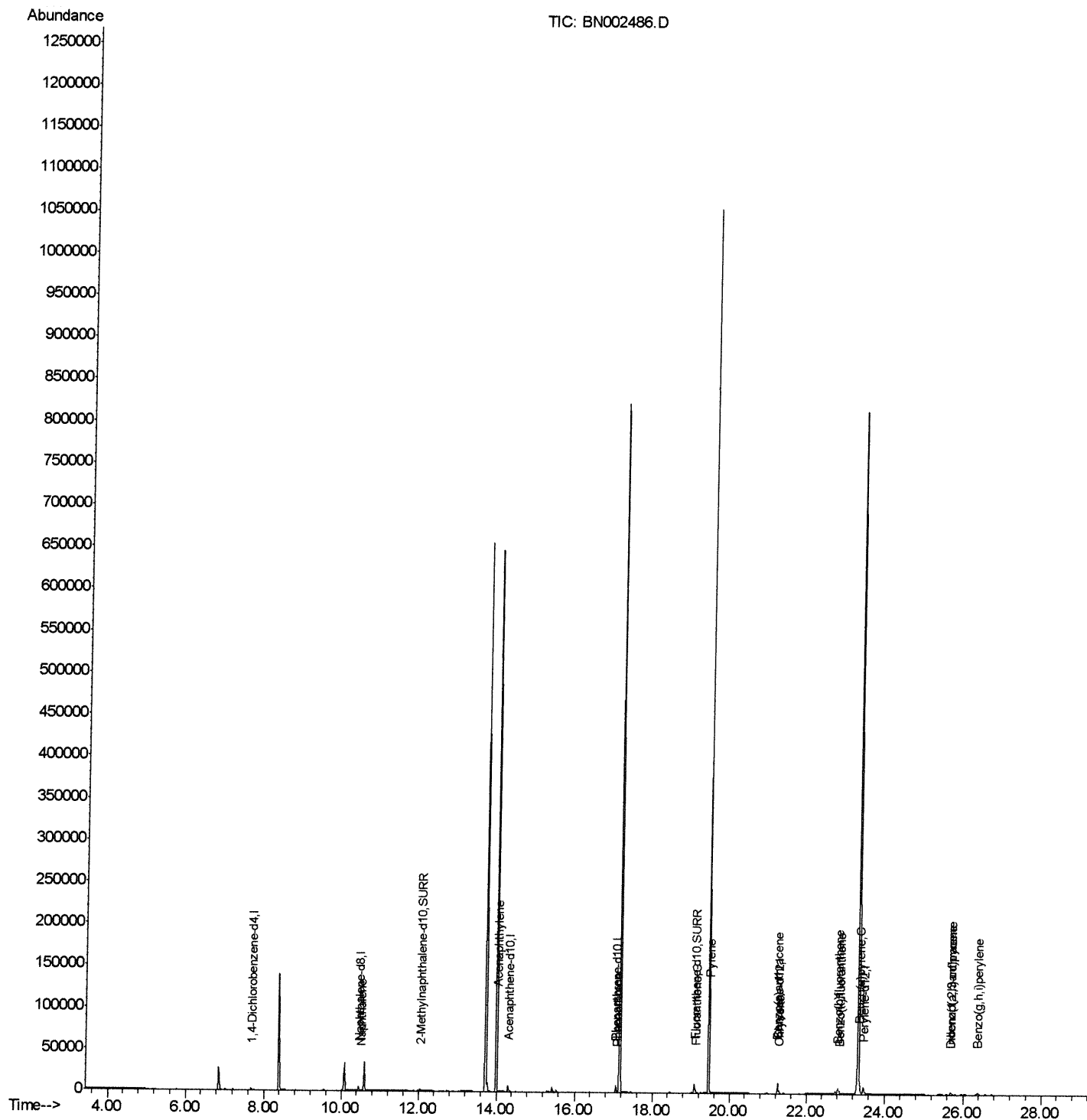
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002486.D
 Acq On : 24 Aug 2018 03:11
 Operator : JU/SJ
 Sample : J4424-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YS4

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:56 PM

Quant Time: Aug 24 04:45:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

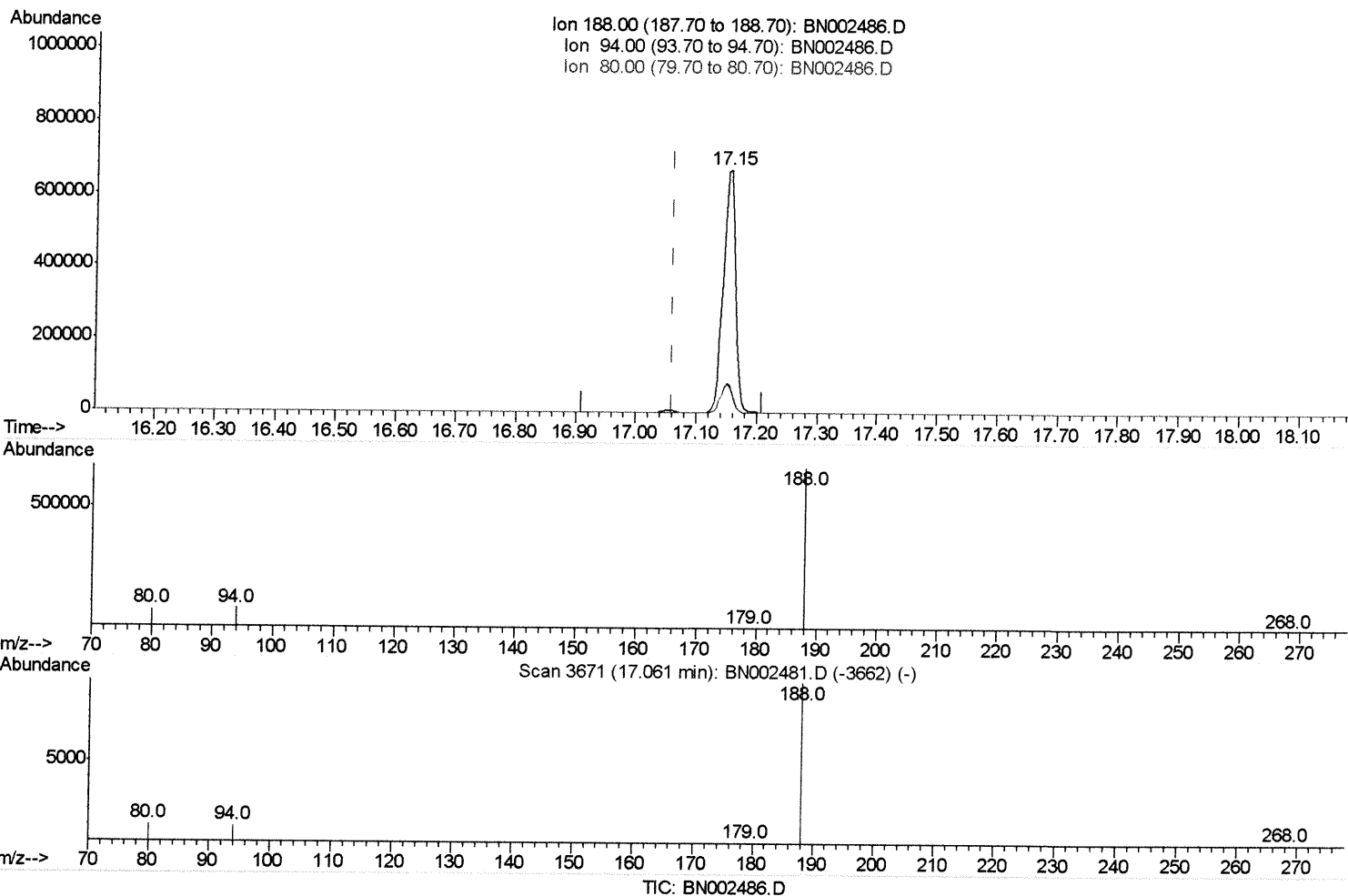
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002486.D
Acq On : 24 Aug 2018 03:11
Operator : JU/SJ
Sample : J4424-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
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A3YS4

Manual Integrations
APPROVED

Sohil
8/24/2018 5:11:56 PM

Quant Time: Aug 24 04:18:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
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(10) Phenanthrene-d10 (I)

17.154min (+0.093) 0.40ng/ul

response 956215

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.37
80.00	11.80	10.58
0.00	0.00	0.00

Quantitation Report (Qedit)

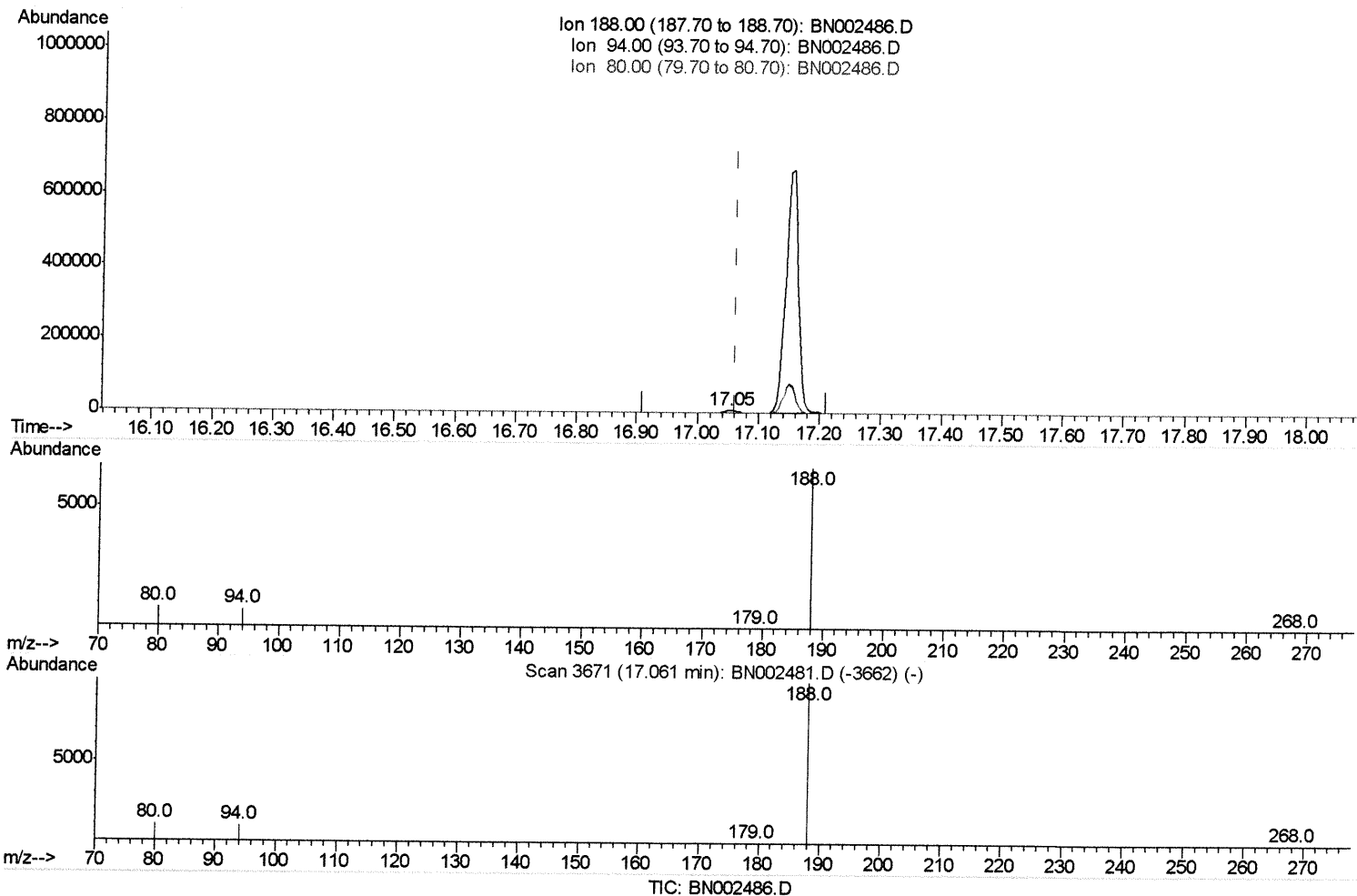
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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Manual Integrations
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Sohil
8/24/2018 5:11:56 PM

Quant Time: Aug 24 04:18:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
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(10) Phenanthrene-d10 (I)

17.052min (-0.008) 0.40ng/ul m

SJ 8/27/18

response 9641

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.08
80.00	11.80	12.53
0.00	0.00	0.00

Quantitation Report (Qedit)

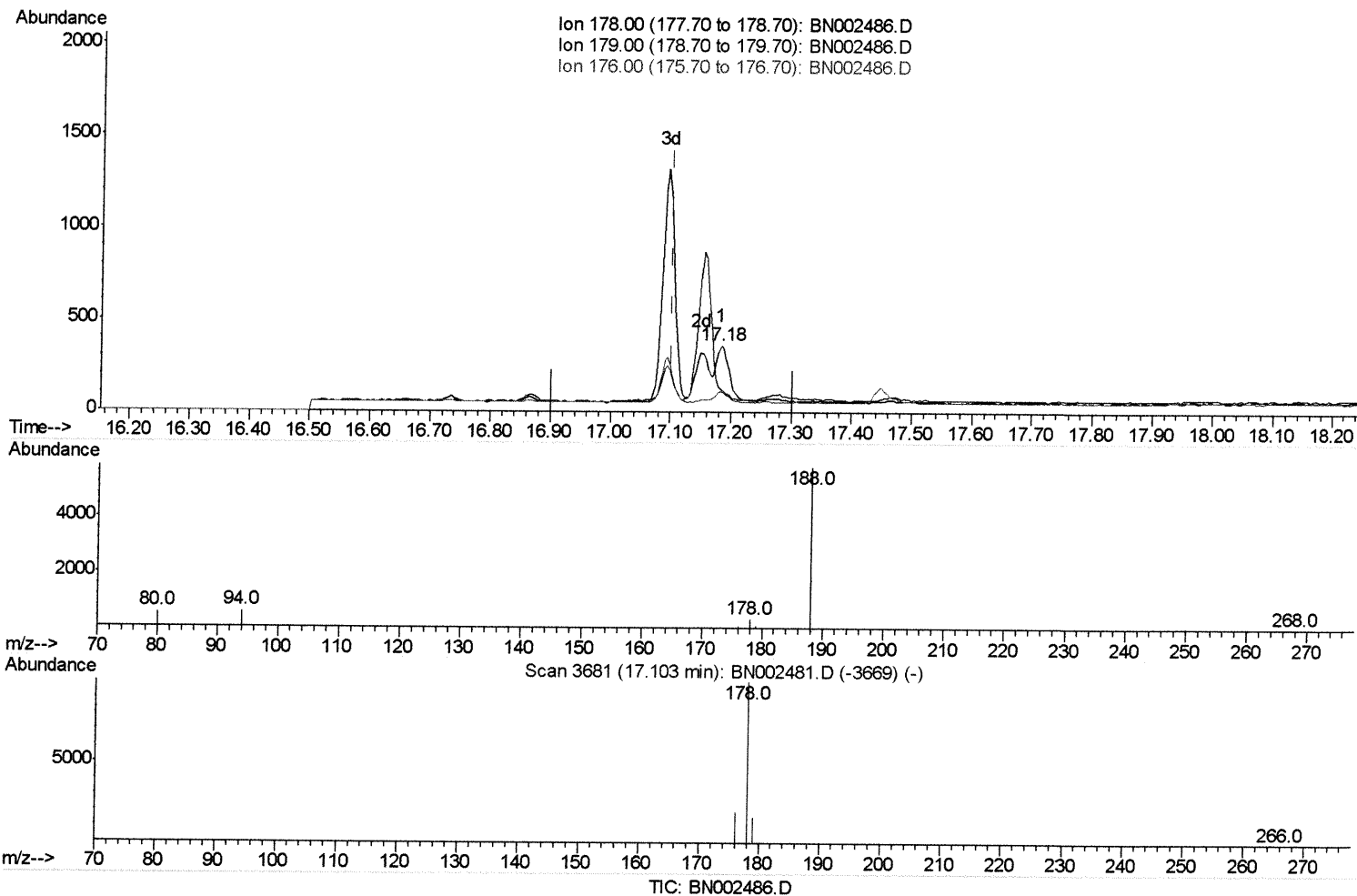
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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Sohil
 8/24/2018 5:11:56 PM

Quant Time: Aug 24 04:41:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(12) Phenanthrene

17.183min (+0.080) 0.02ng/ul

response 482

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	33.98#
176.00	17.00	31.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

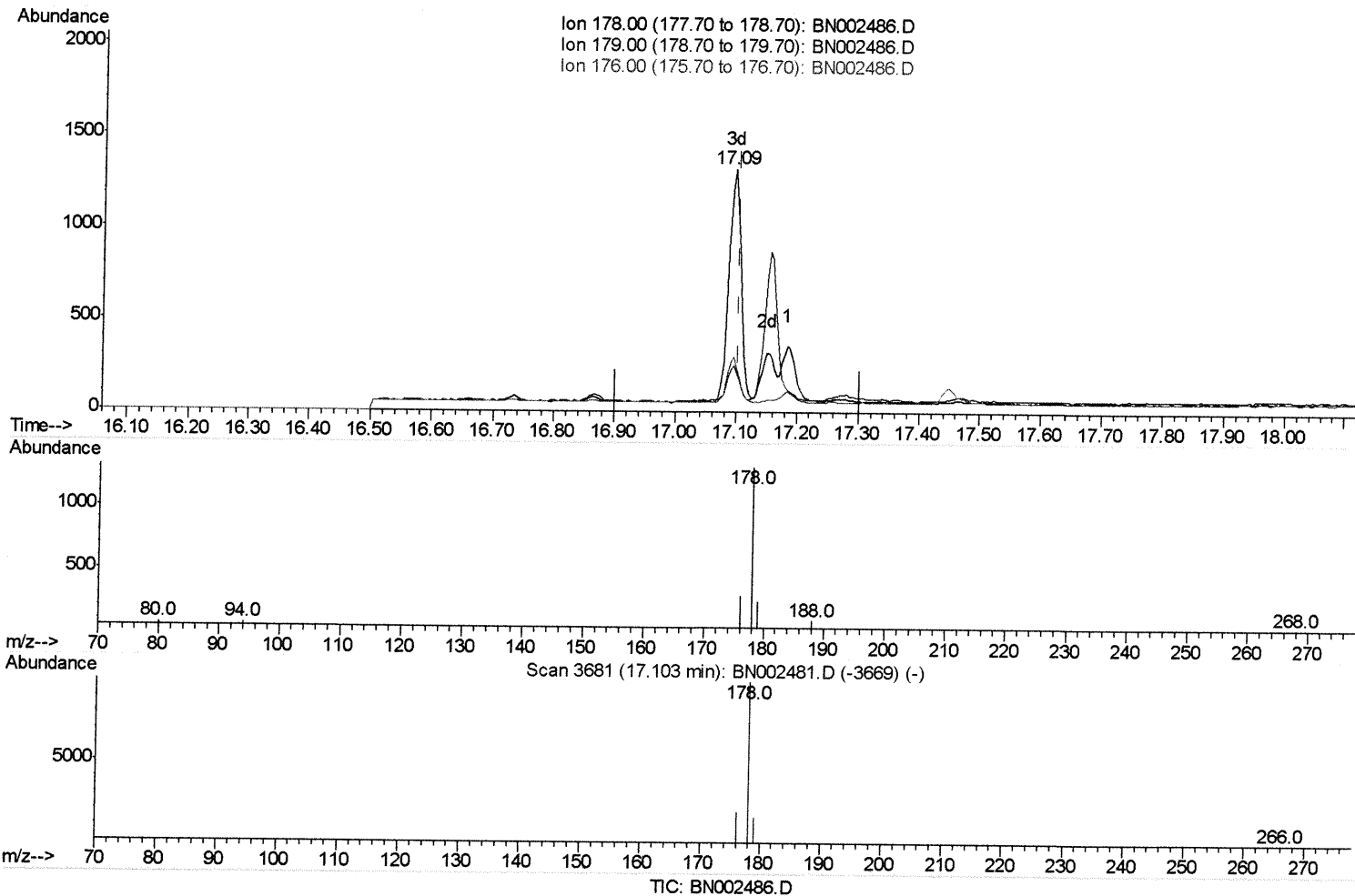
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(12) Phenanthrene

17.095min (-0.008) 0.06ng/ul m

SJ 8/27/18

response 1754

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.14
176.00	17.00	22.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

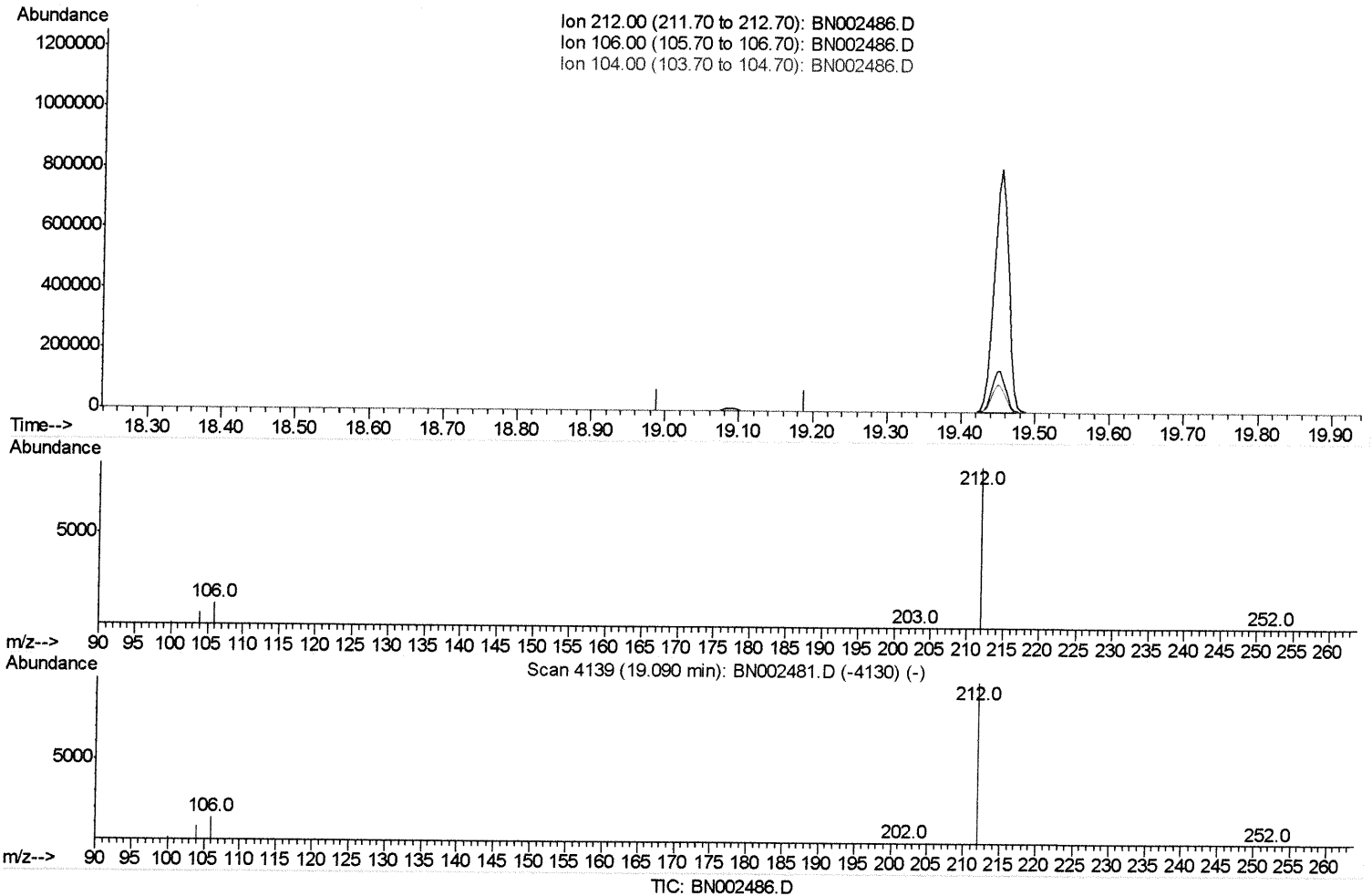
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Sohil
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Quant Time: Aug 24 04:42:34 2018
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(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

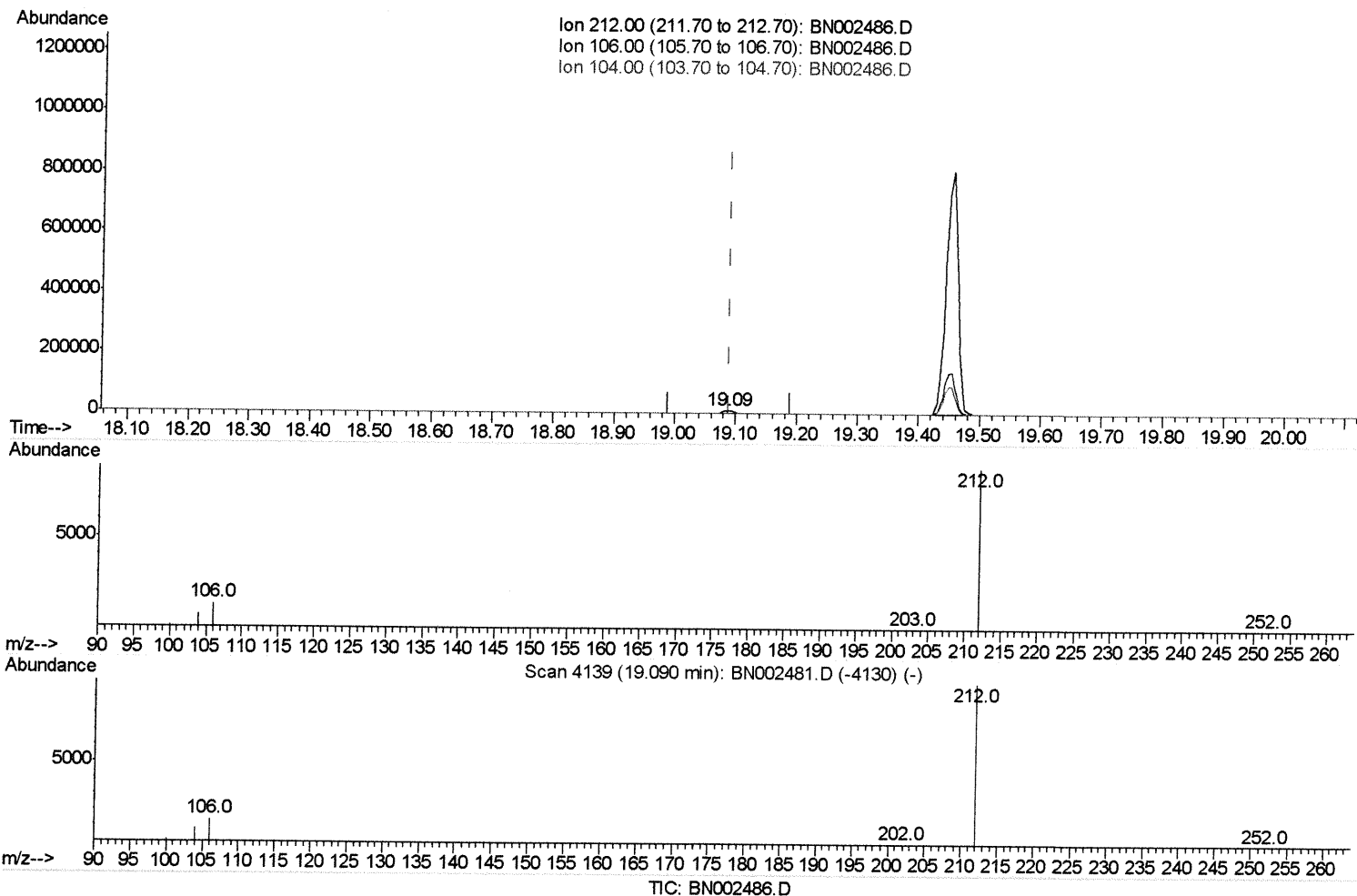
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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Manual Integrations
APPROVED

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(14) Fluoranthene-d10 (SURR)

19.086min (-0.005) 0.44ng/ul m

SJ 8/27/18

response 12438

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

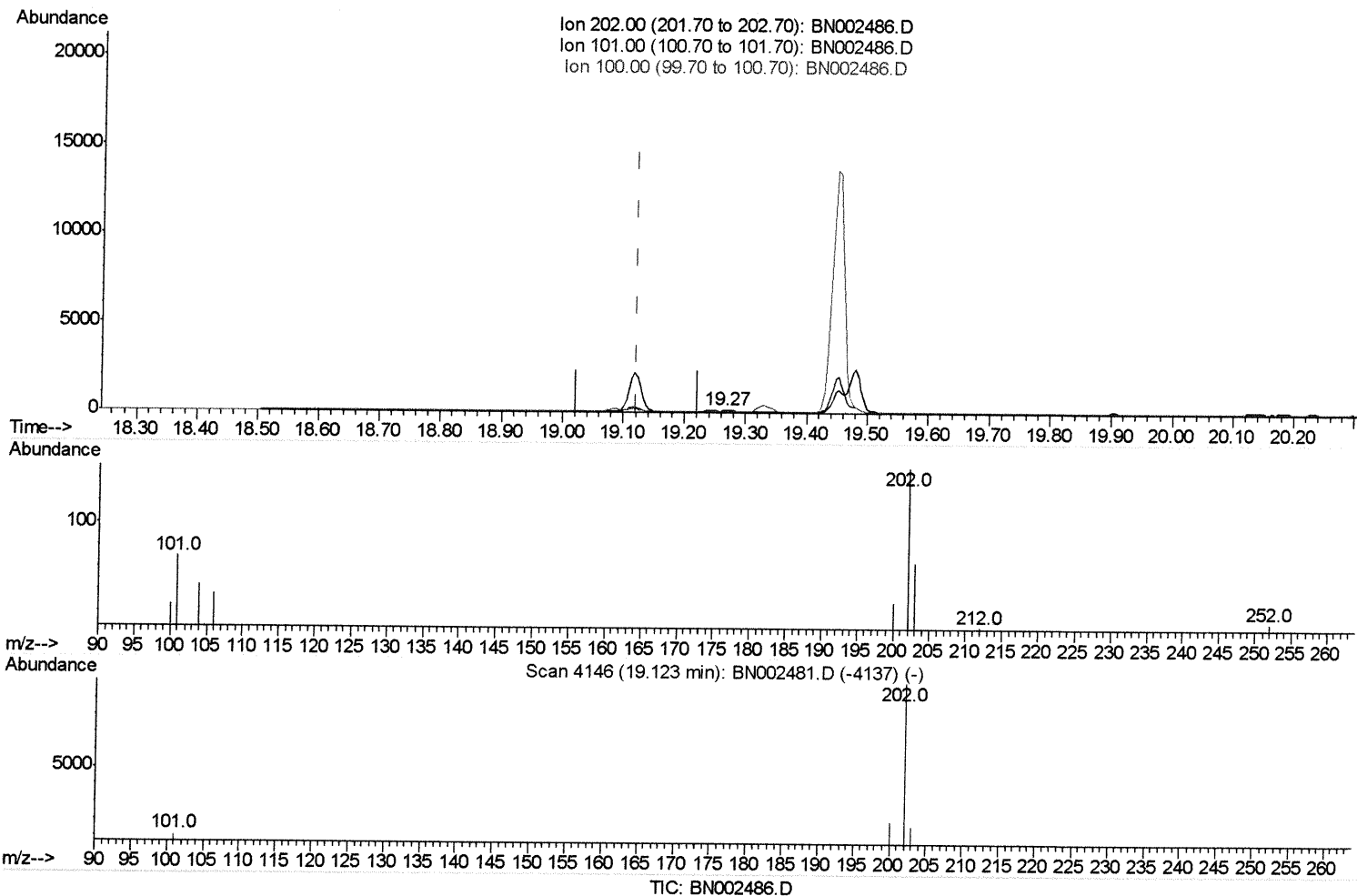
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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 Operator : JU/SJ
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 ClientSampleId :
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Manual Integrations
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Sohil
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(15) Fluoranthene (C)

19.267min (+0.144) 0.00ng/ul

response 93

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	67.46#
100.00	10.00	50.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

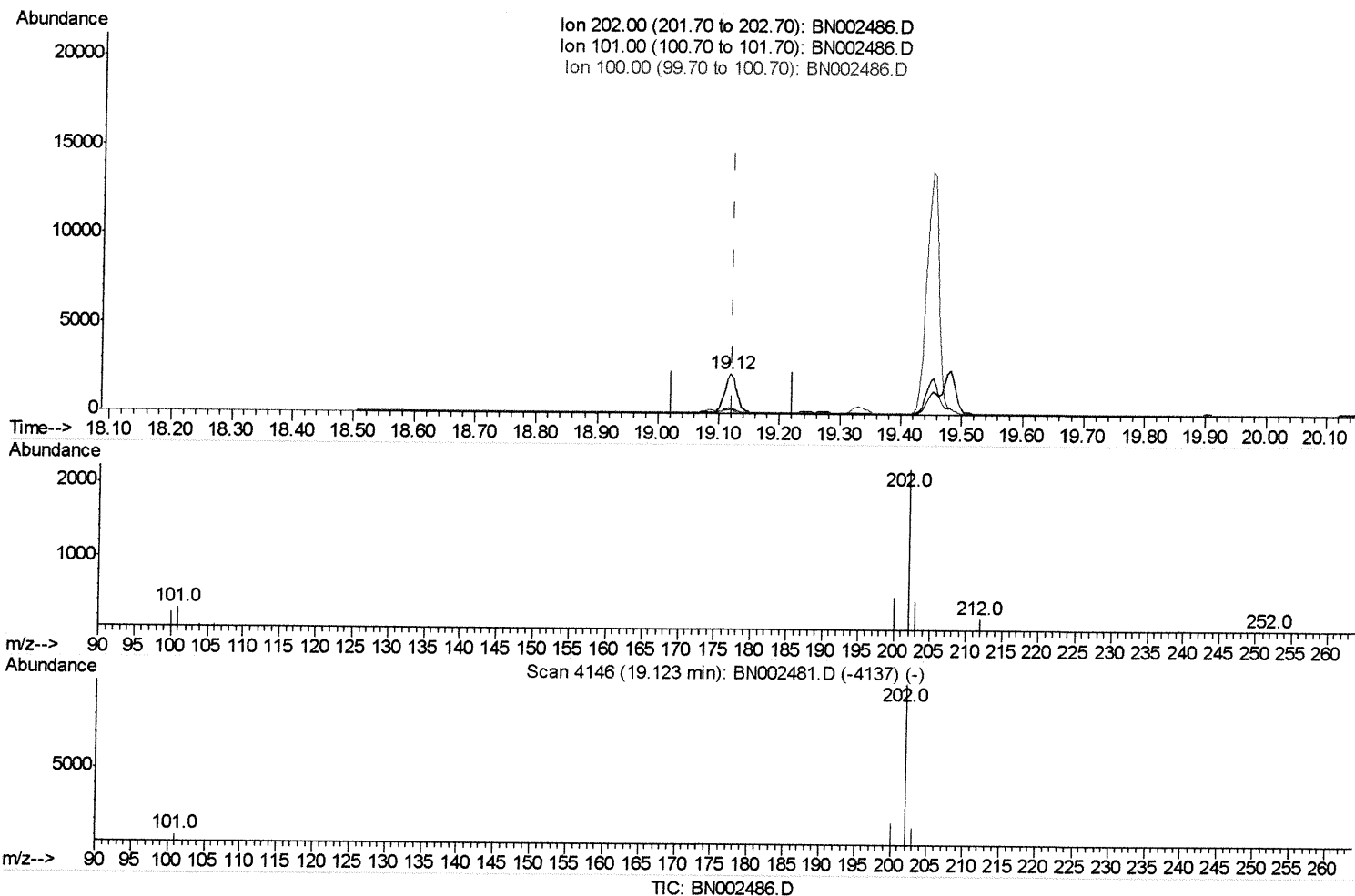
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002486.D
 Acq On : 24 Aug 2018 03:11
 Operator : JU/SJ
 Sample : J4424-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(15) Fluoranthene (C)

19.118min (-0.005) 0.09ng/ul m

23 8/27/18

response 2986

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	13.72
100.00	10.00	10.84
0.00	0.00	0.00

Quantitation Report (Qedit)

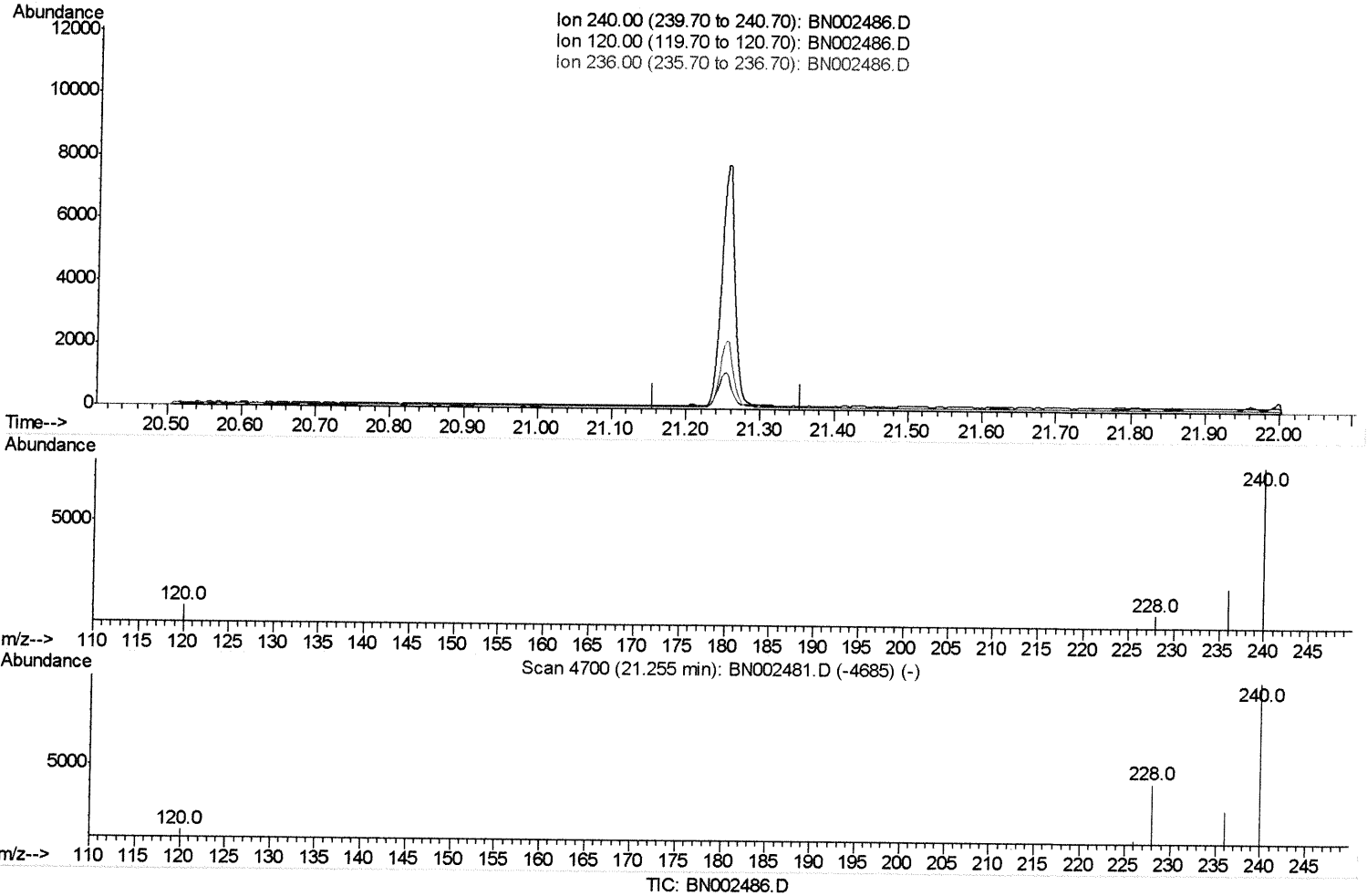
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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(16) Chrysene-d12 (I)

21.255min (-21.255) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.60	0.00#
236.00	34.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

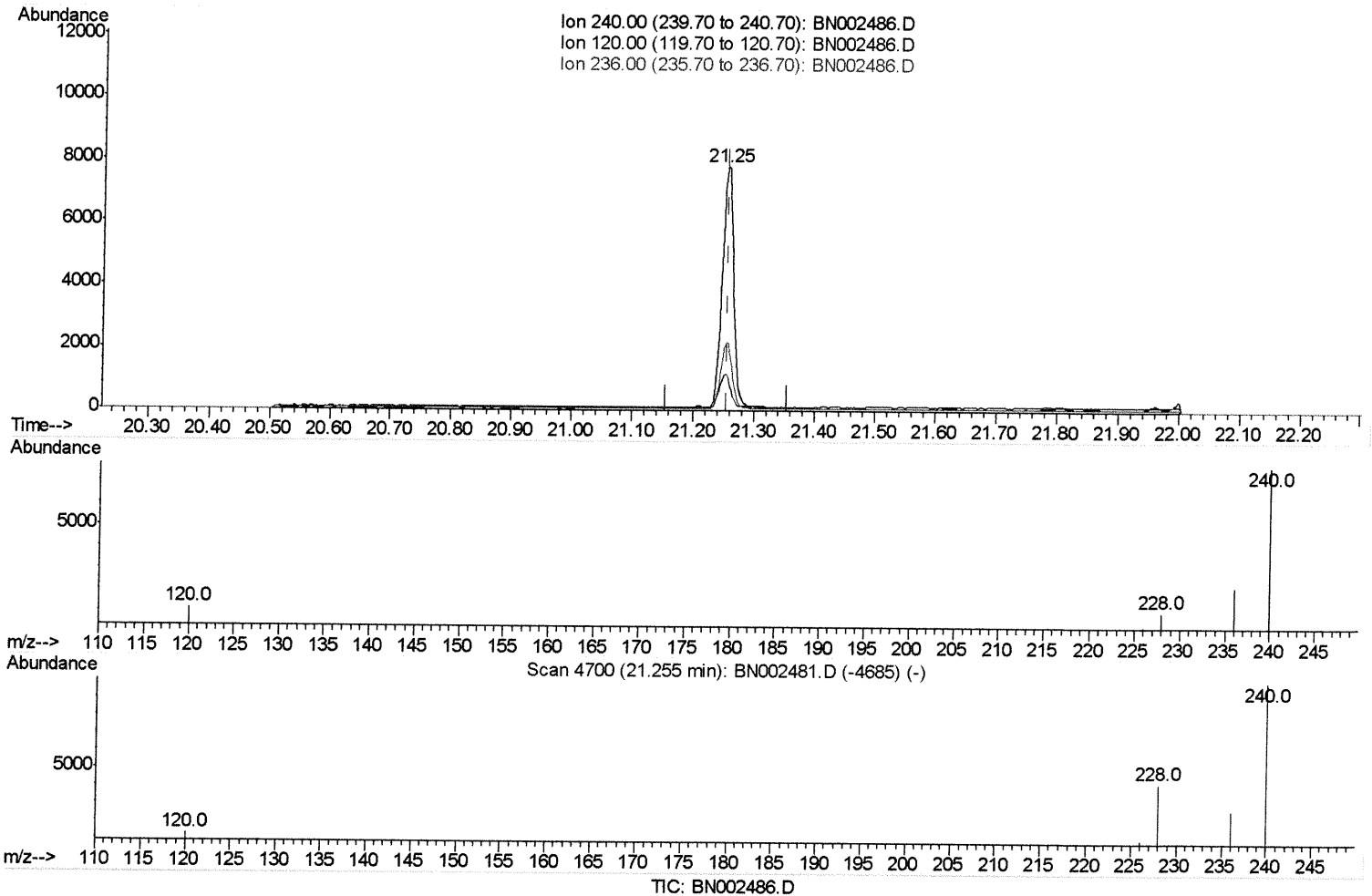
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002486.D
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 ALS Vial : 22 Sample Multiplier: 1

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(16) Chrysene-d12 (I)

21.253min (-0.003) 0.40ng/ul m

SJ 8/27/18

response 10171

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.87#
236.00	34.90	28.31
0.00	0.00	0.00

Quantitation Report (Qedit)

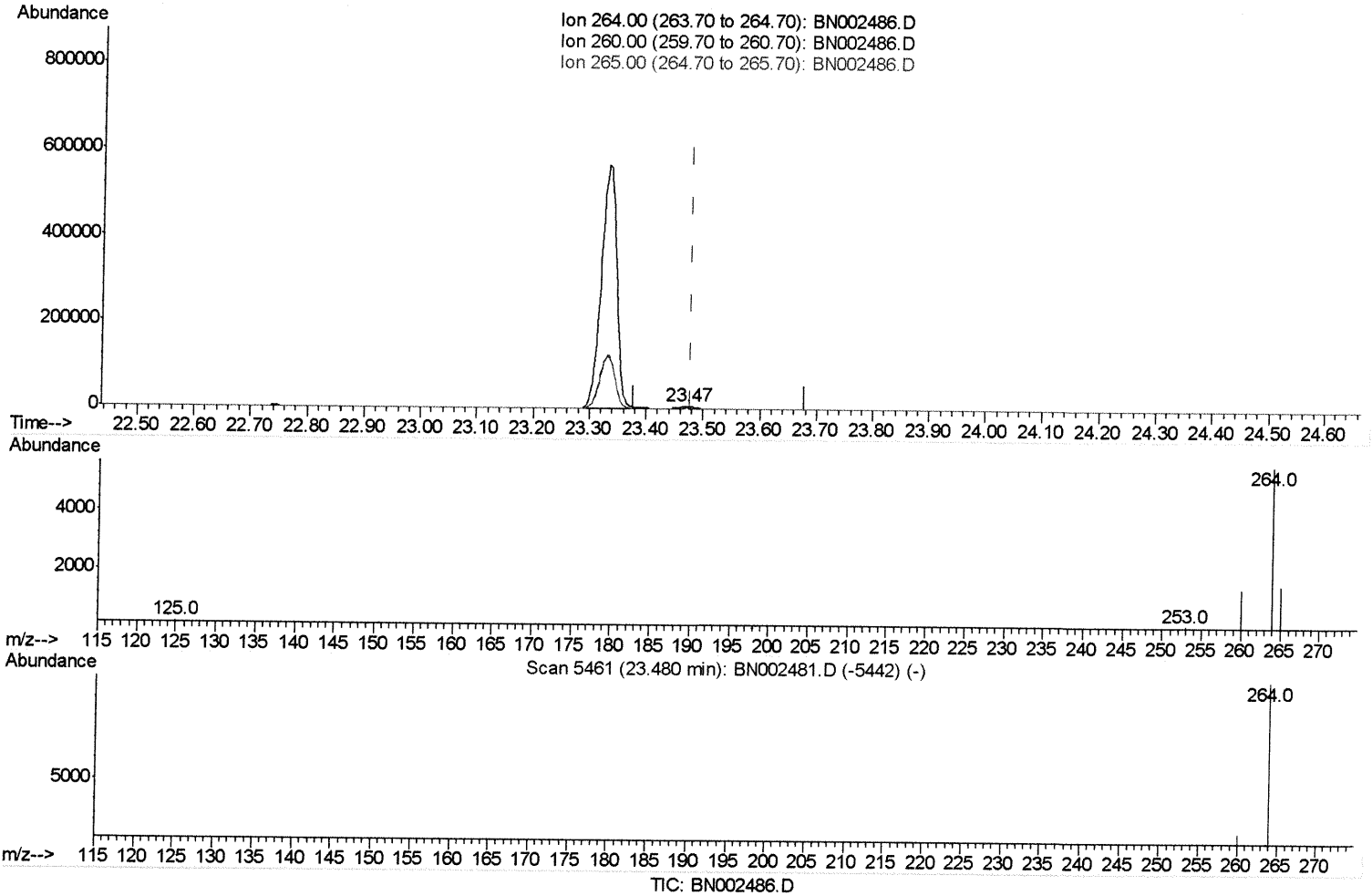
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002486.D
 Acq On : 24 Aug 2018 03:11
 Operator : JU/SJ
 Sample : J4424-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YS4

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:56 PM

Quant Time: Aug 24 04:44:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.471min (-0.009) 0.40ng/ul

response 12367

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.38
265.00	103.50	28.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

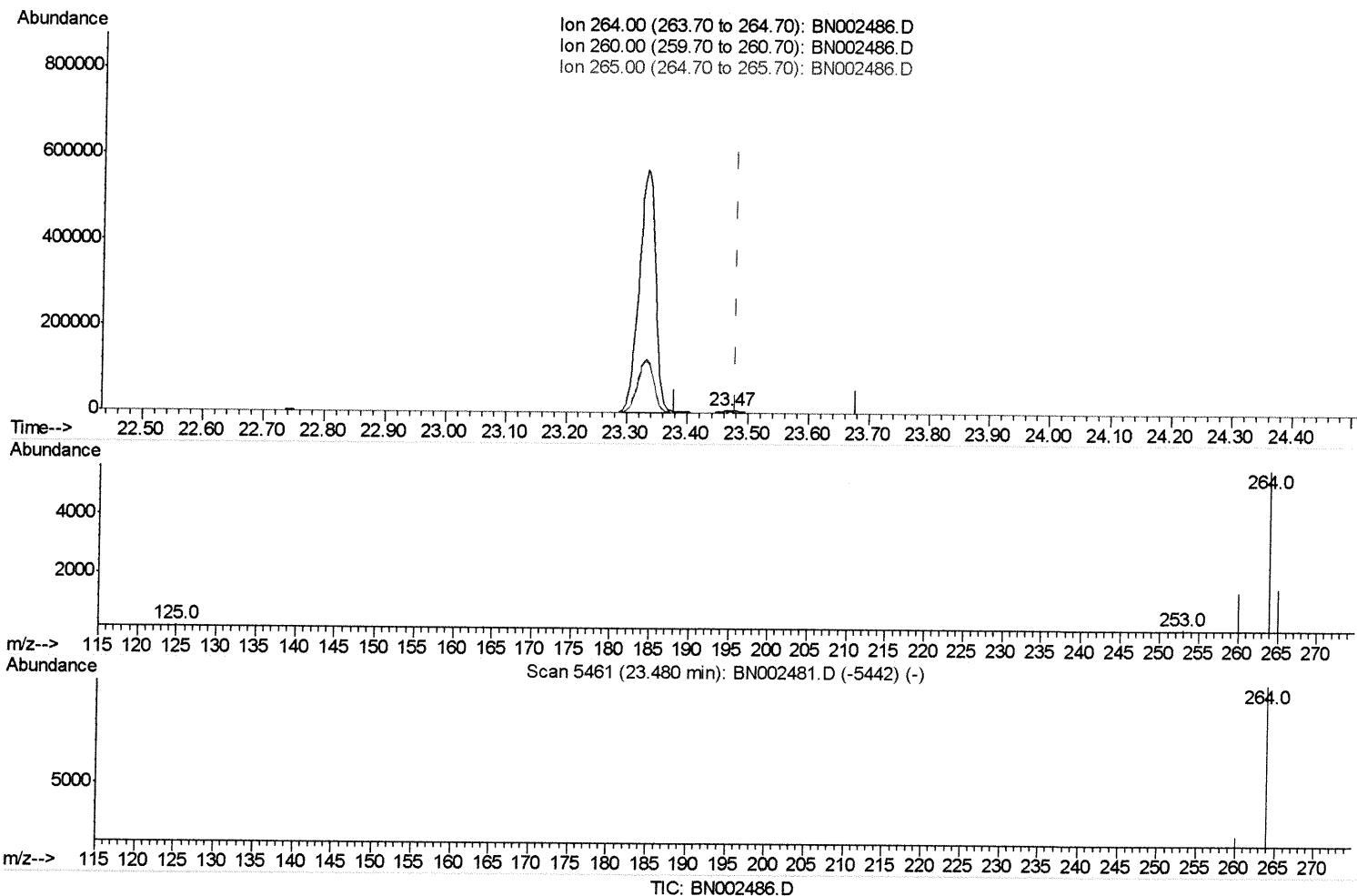
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:56 PM

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(20) Perylene-d12 (I)

23.471min (-0.009) 0.40ng/ul m

SJ 8/27/18

response 9372

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.38
265.00	103.50	28.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

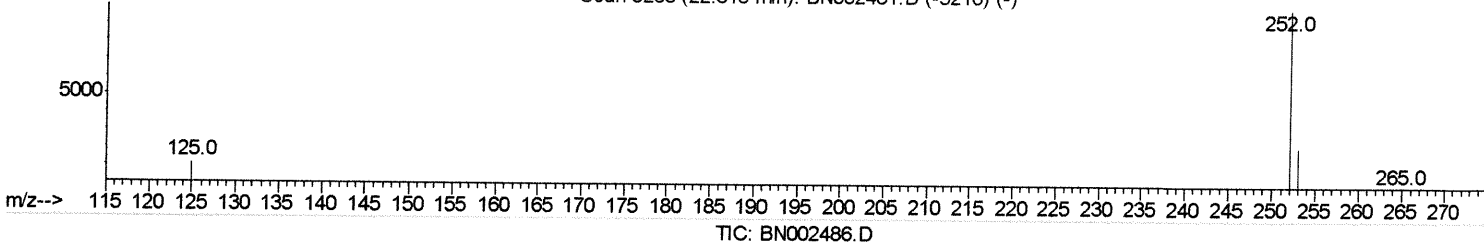
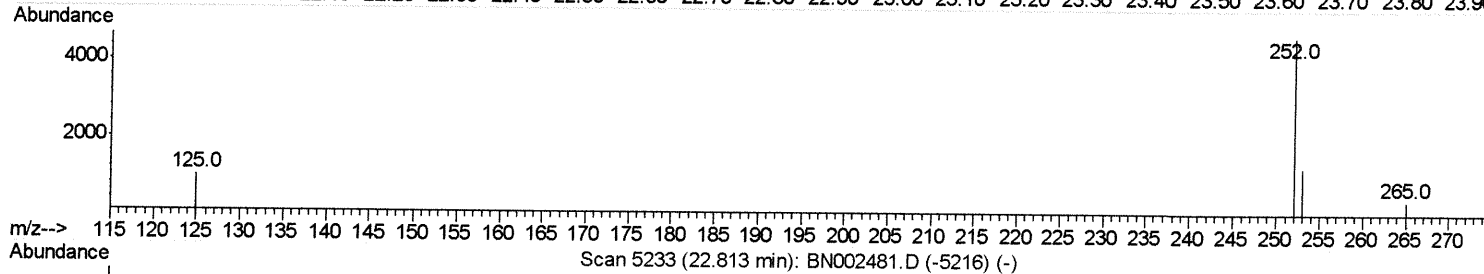
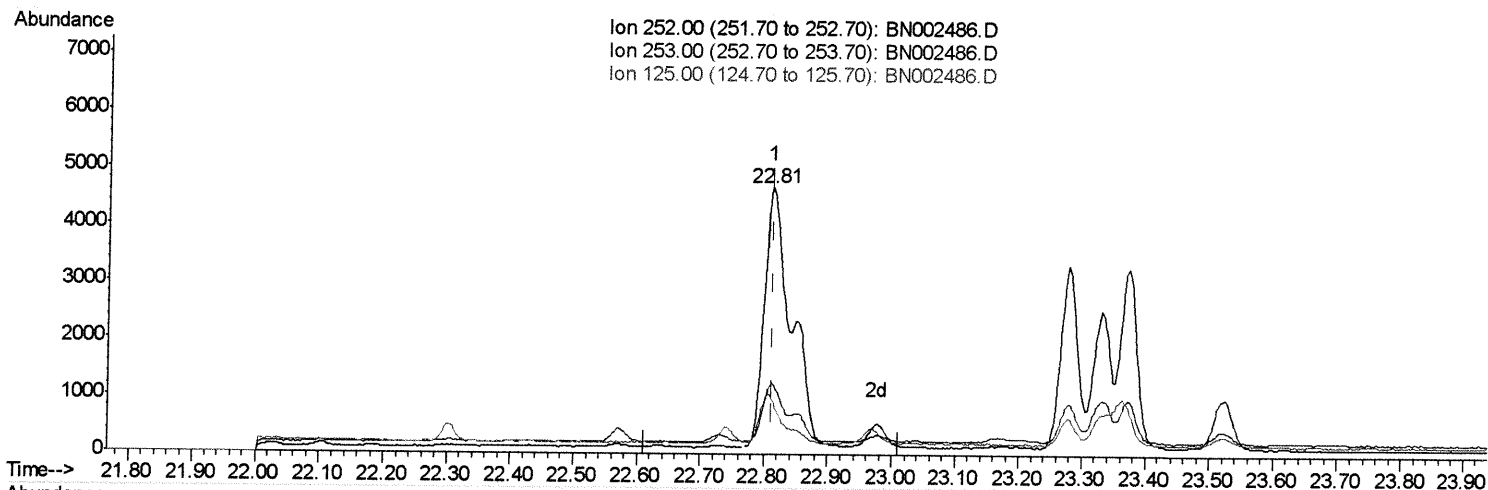
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Instrument :
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Manual Integrations
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(21) Benzo(b)fluoranthene
 22.810min (-0.003) 0.39ng/ul
 response 13272

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.00
125.00	17.50	21.12
0.00	0.00	0.00

Quantitation Report (Qedit)

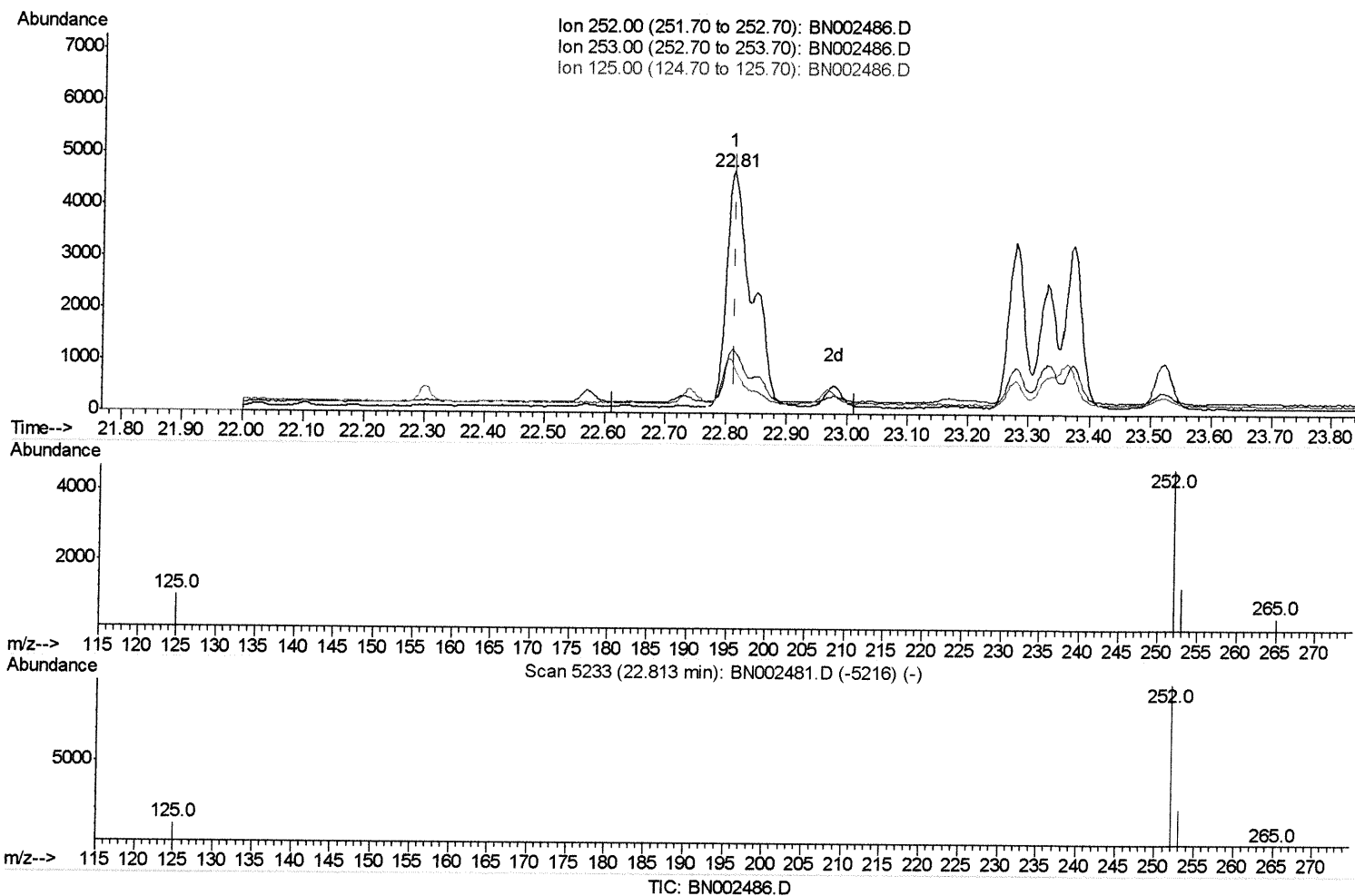
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(21) Benzo(b)fluoranthene

22.810min (-0.003) 0.30ng/ul m

response 10061

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.00
125.00	17.50	21.12
0.00	0.00	0.00

SJ 8/27/18

Quantitation Report (Qedit)

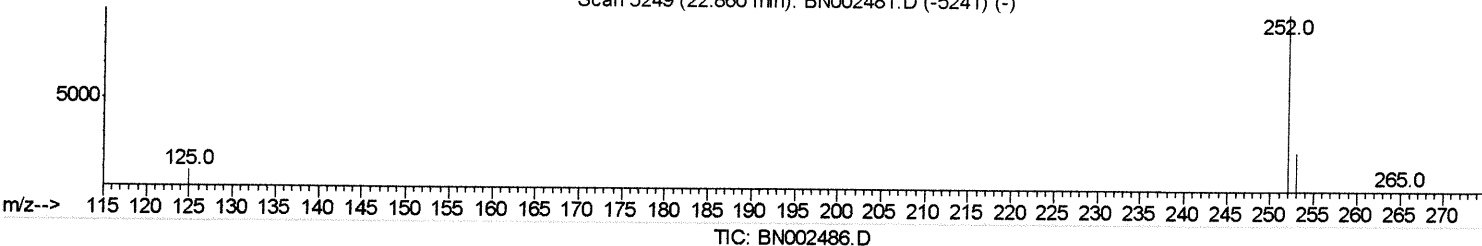
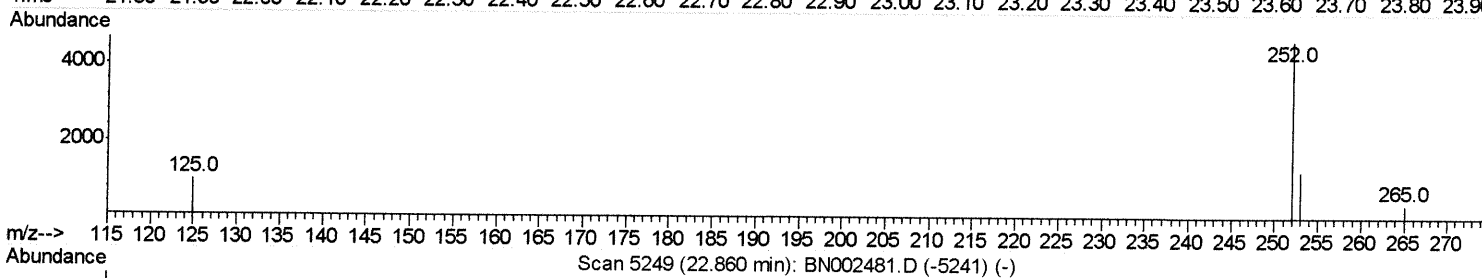
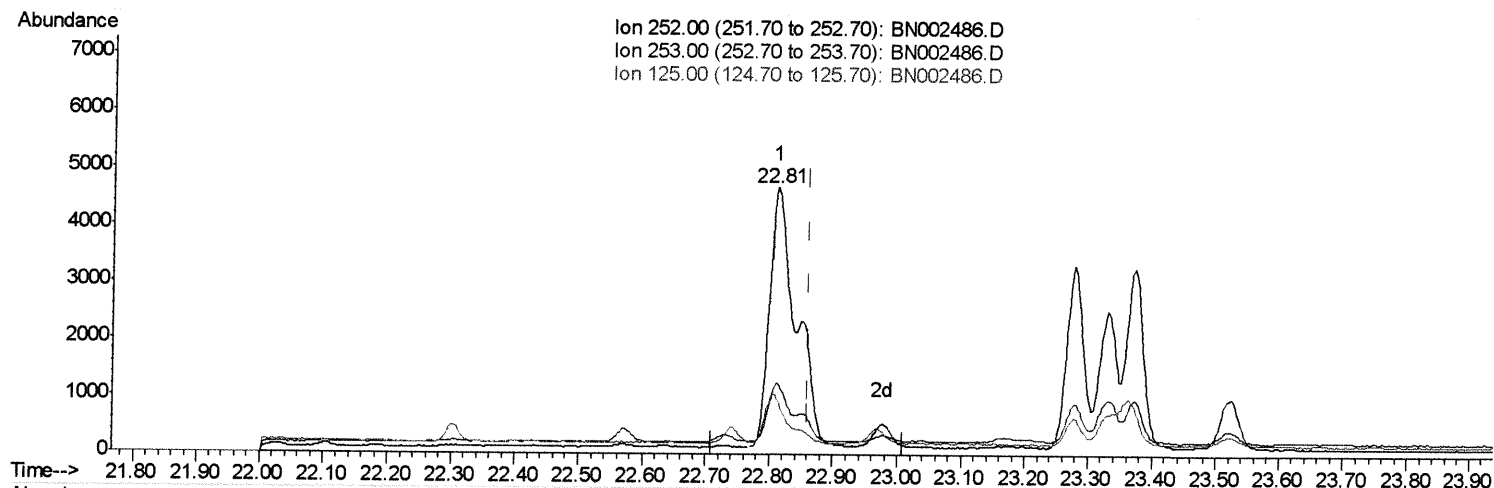
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(22) Benzo(k)fluoranthene
 22.810min (-0.050) 0.38ng/ul
 response 13272

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.00
125.00	17.10	21.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

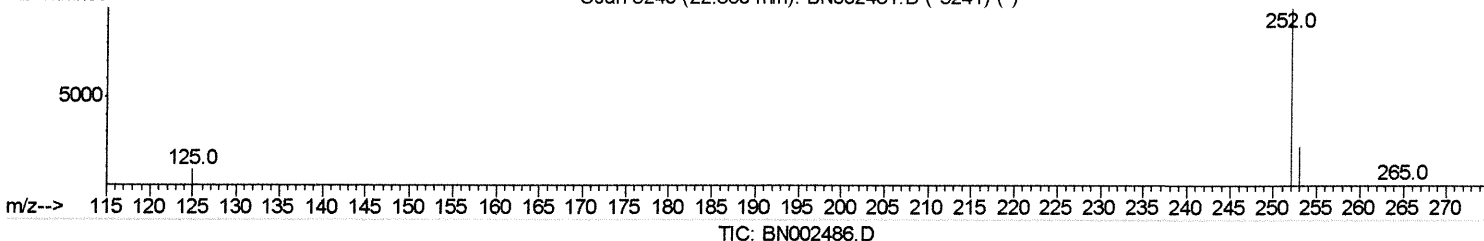
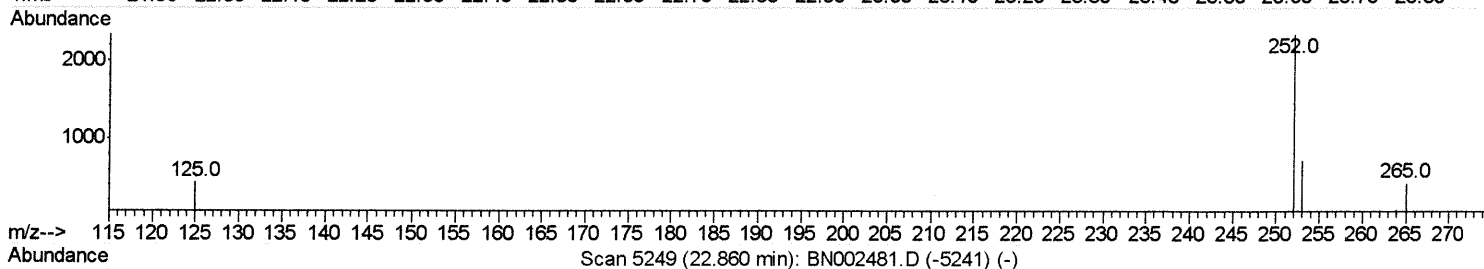
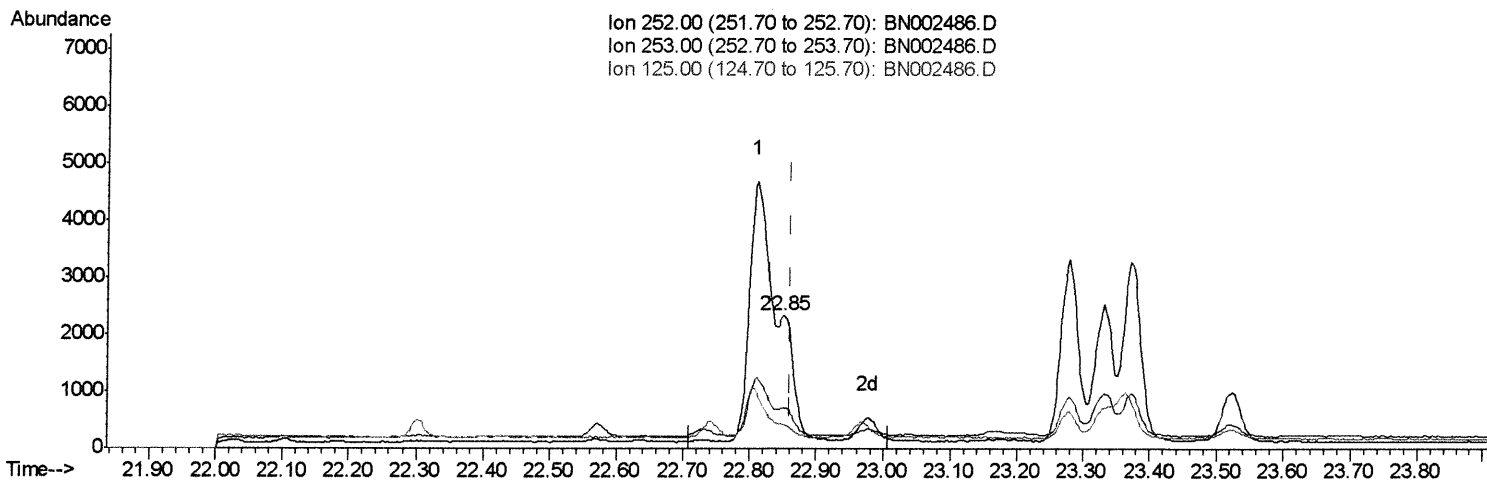
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(22) Benzo(k)fluoranthene

22.848min (-0.012) 0.11ng/ul m

SS 8/27/18

response 3727

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.84
125.00	17.10	18.63
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1735	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	7225	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	9641m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10171m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	9372m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.04	152	4618	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12438m	0.44	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	10.49	128	449	0.024	ng/ul#	60
7) Acenaphthylene	14.02	152	409	0.020	ng/ul#	66
12) Phenanthrene	17.09	178	1754m	0.062	ng/ul	
15) Fluoranthene	19.12	202	2986m	0.089	ng/ul	
17) Pyrene	19.48	202	3235	0.093	ng/ul#	95
18) Benzo(a)anthracene	21.24	228	3674	0.121	ng/ul#	87
19) Chrysene	21.29	228	2728	0.079	ng/ul	95
21) Benzo(b)fluoranthene	22.81	252	10061m	0.299	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	3727m	0.107	ng/ul	
23) Benzo(a)pyrene	23.37	252	5665	0.179	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.69	276	4973	0.151	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.69	278	1187	0.046	ng/ul#	76
26) Benzo(g,h,i)perylene	26.37	276	5072	0.179	ng/ul	98

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