

Quantitation Report (QT Reviewed)

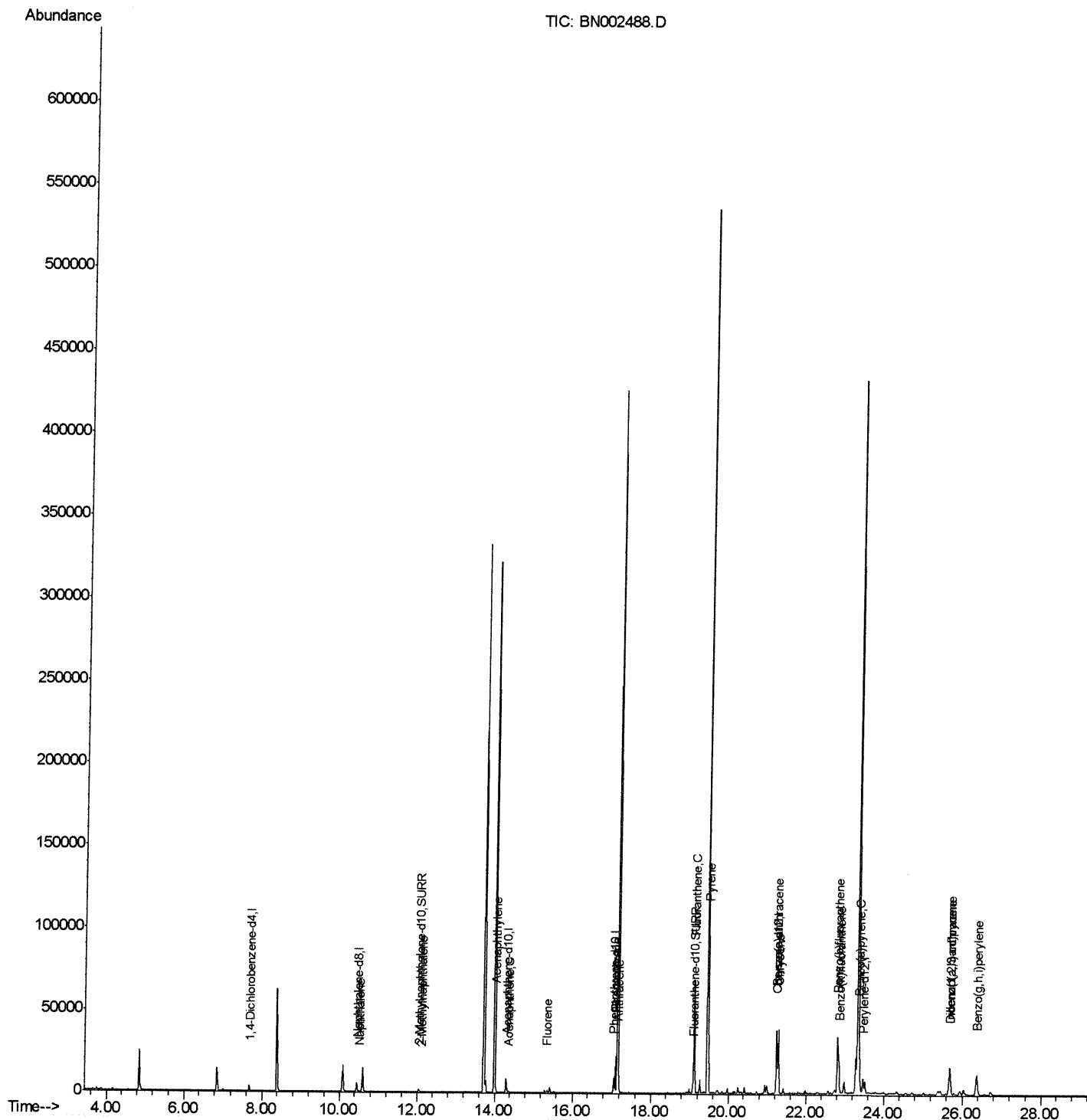
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002488.D
 Acq On : 24 Aug 2018 04:22
 Operator : JU/SJ
 Sample : J4424-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YS7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:59 PM

Quant Time: Aug 24 06:54:16 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)

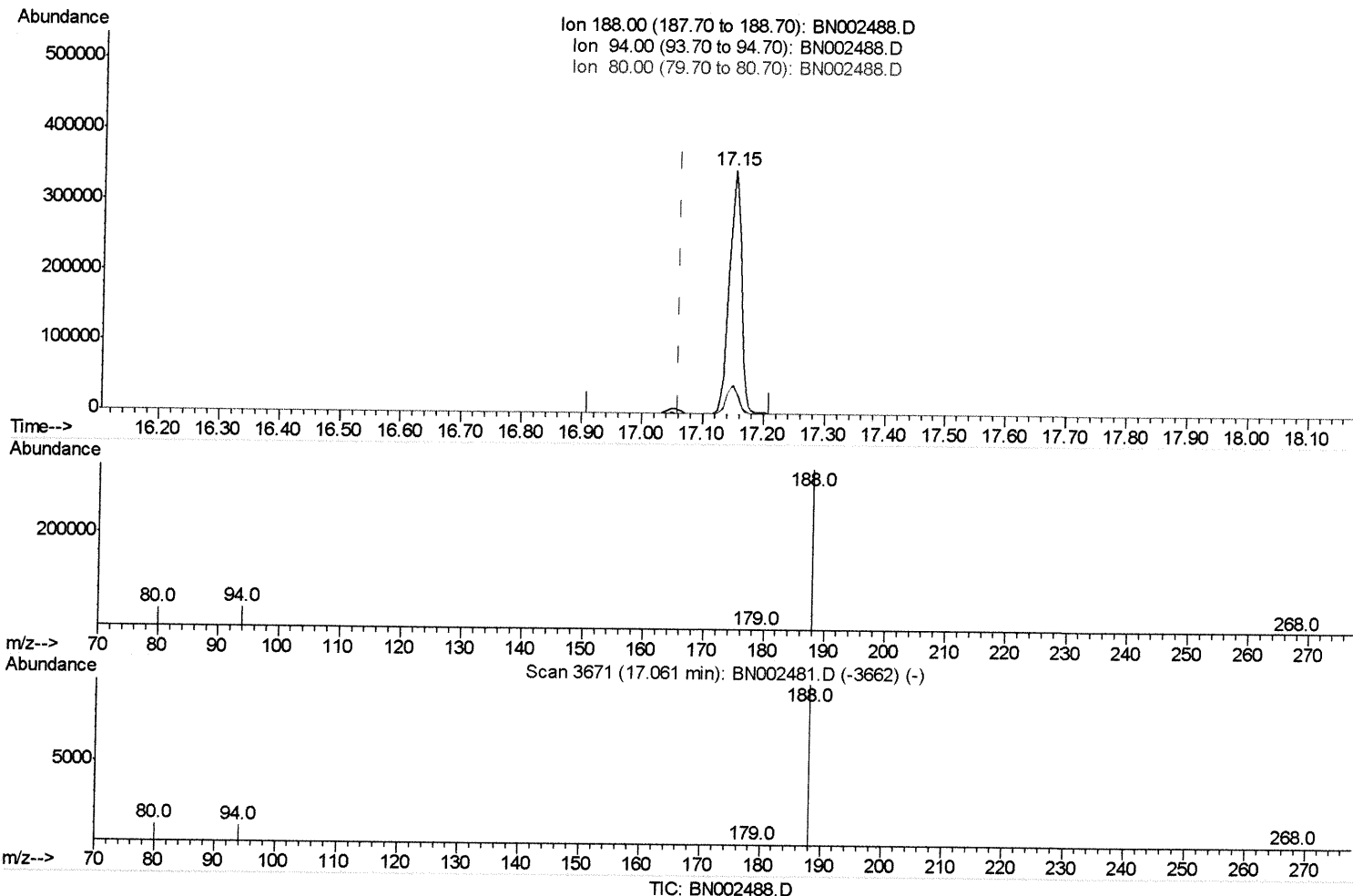
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002488.D
Acq On : 24 Aug 2018 04:22
Operator : JU/SJ
Sample : J4424-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
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A3YS7

Manual Integrations
APPROVED

Sohil
8/24/2018 5:11:59 PM

Quant Time: Aug 24 06:36:37 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)

17.149min (+0.089) 0.40ng/ul

response 474132

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.92
80.00	11.80	11.24
0.00	0.00	0.00

Quantitation Report (Qedit)

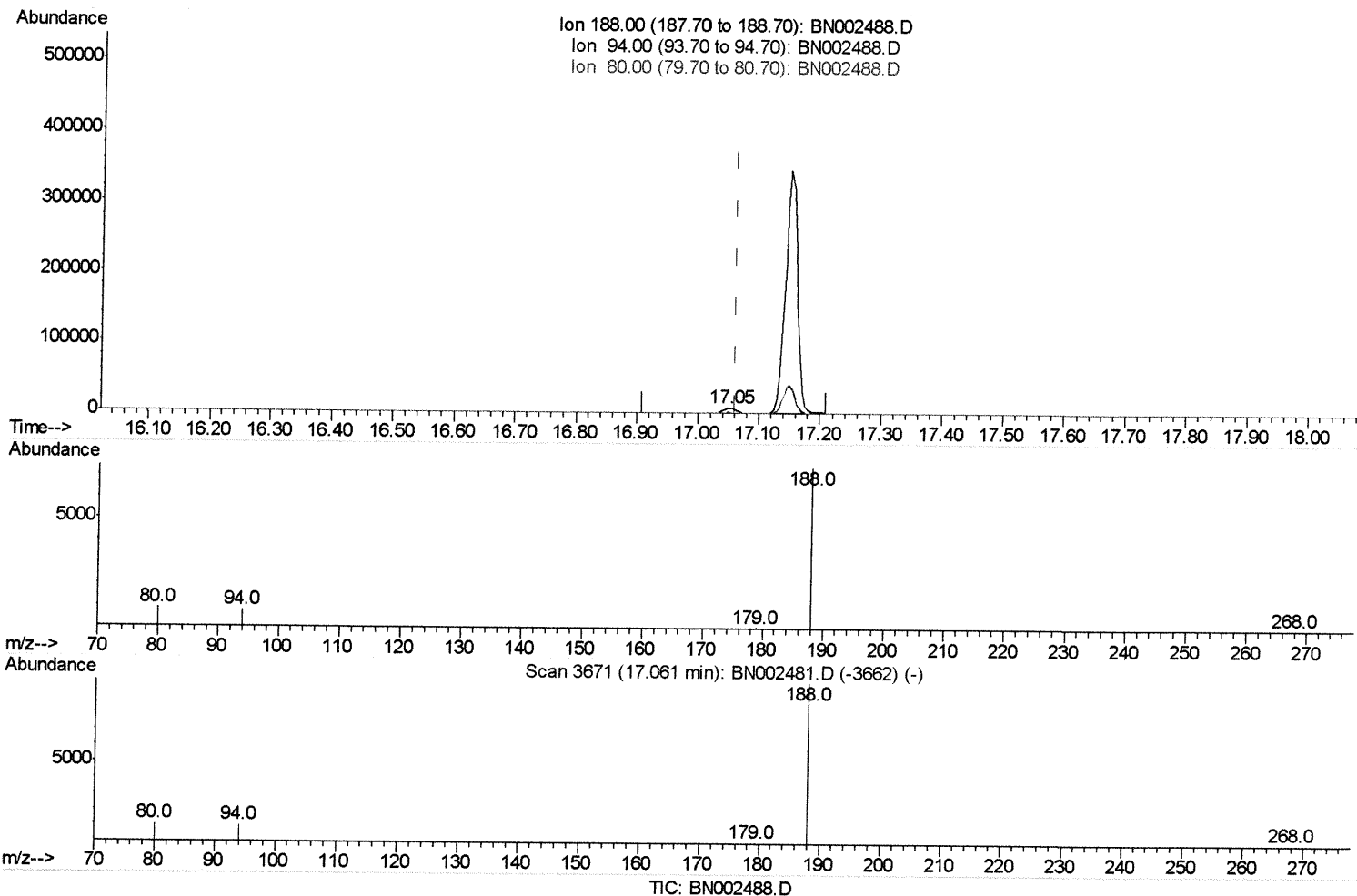
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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(10) Phenanthrene-d10 (I)

17.052min (-0.009) 0.40ng/ul m

SJ 8/27/18

response 10516

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.82
80.00	11.80	12.01
0.00	0.00	0.00

Quantitation Report (Qedit)

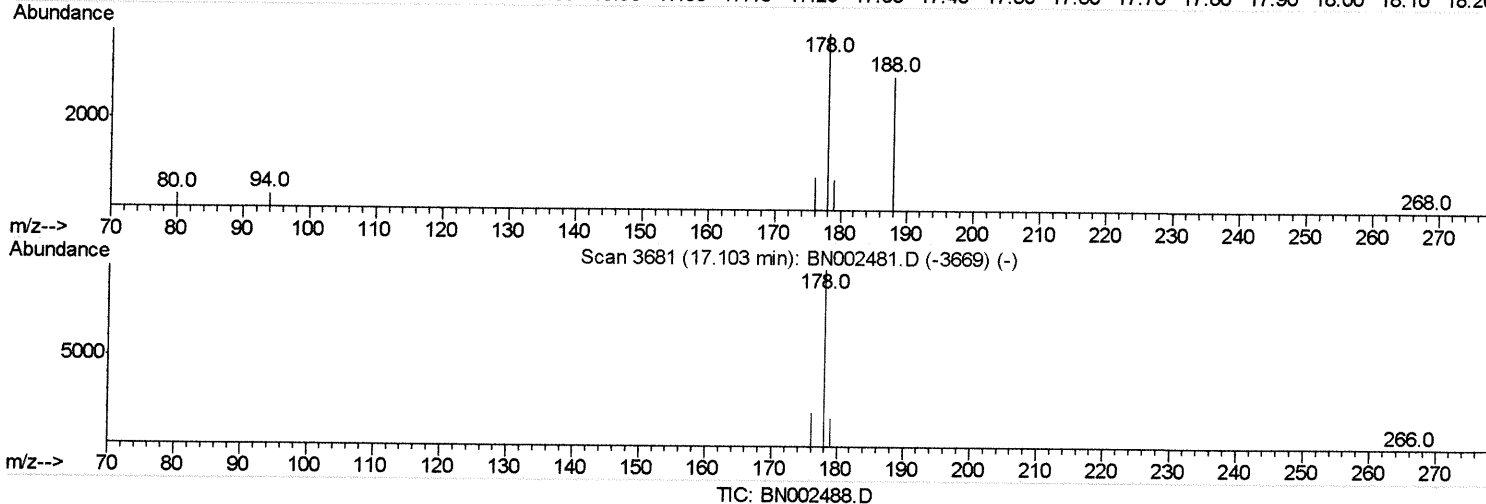
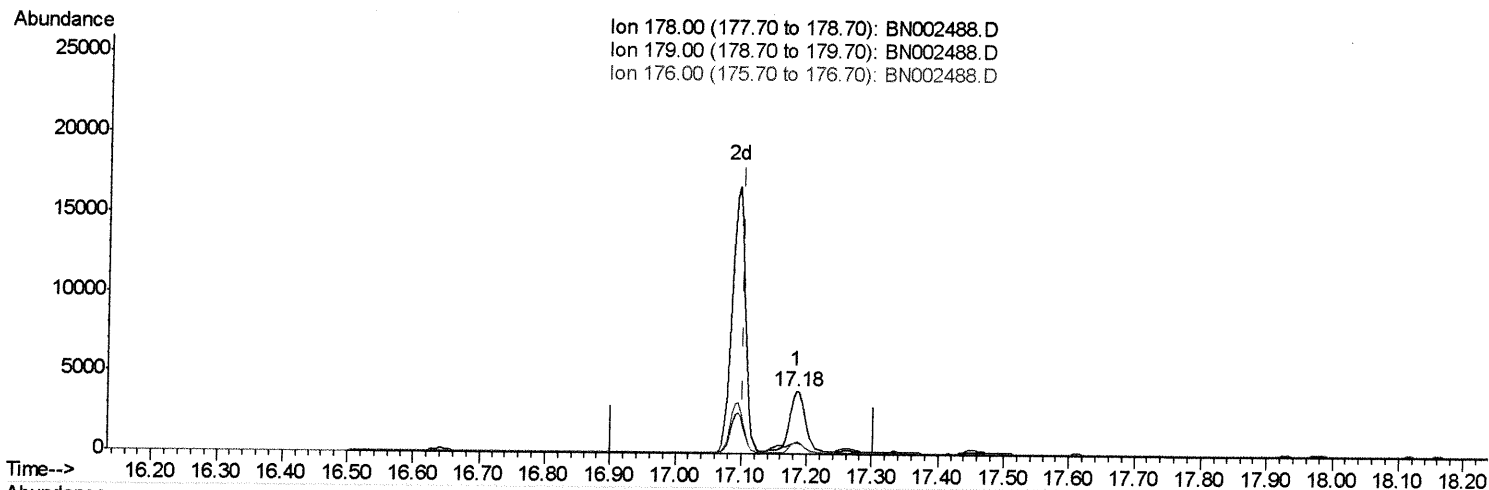
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Manual Integrations
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Sohil
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Quant Time: Aug 24 06:40:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
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(12) Phenanthrene

17.183min (+0.080) 0.20ng/ul

response 6331

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.28#
176.00	17.00	19.28
0.00	0.00	0.00

Quantitation Report (Qedit)

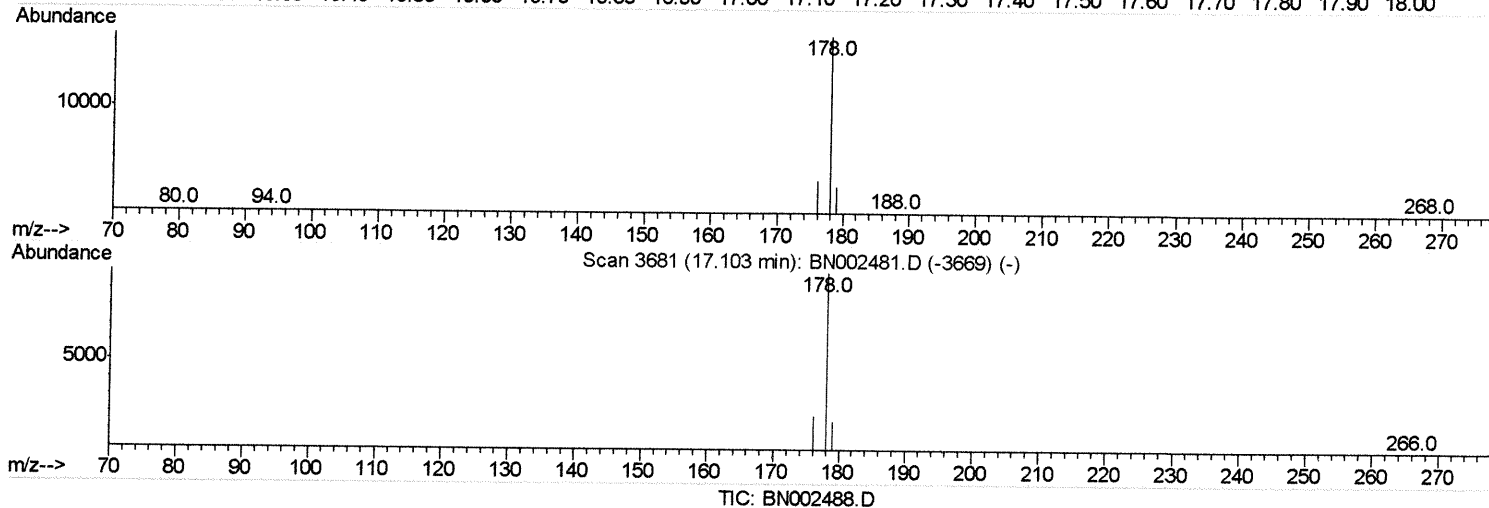
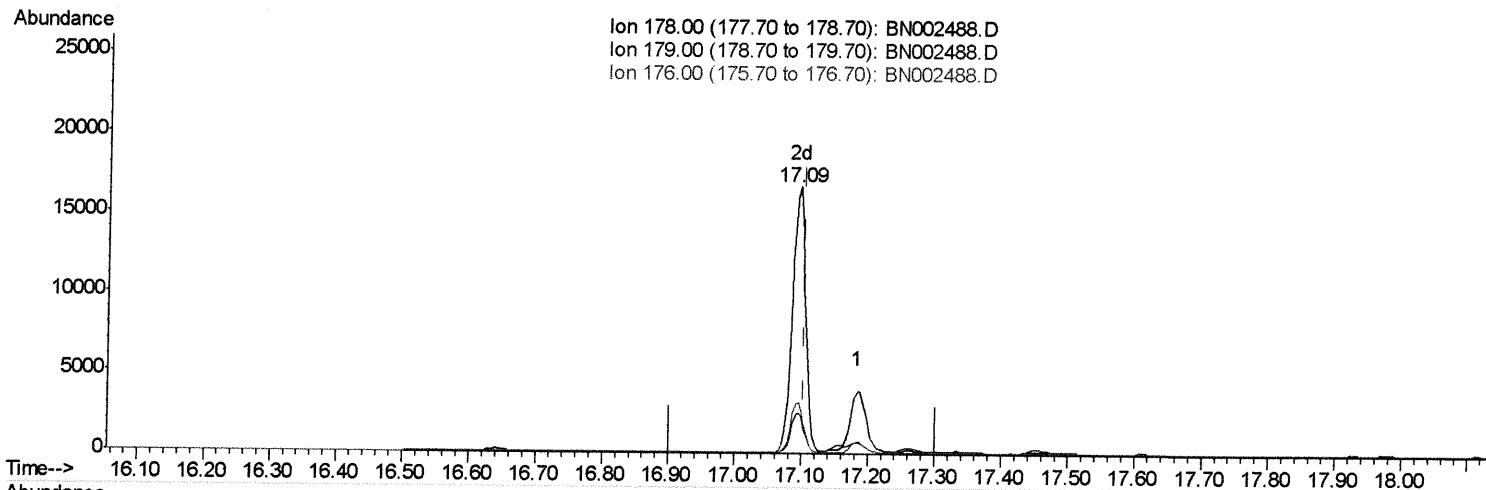
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(12) Phenanthrene

17.094min (-0.009) 0.76ng/ul m

31 8/27/18

response 23496

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.65#
176.00	17.00	19.04
0.00	0.00	0.00

Quantitation Report (Qedit)

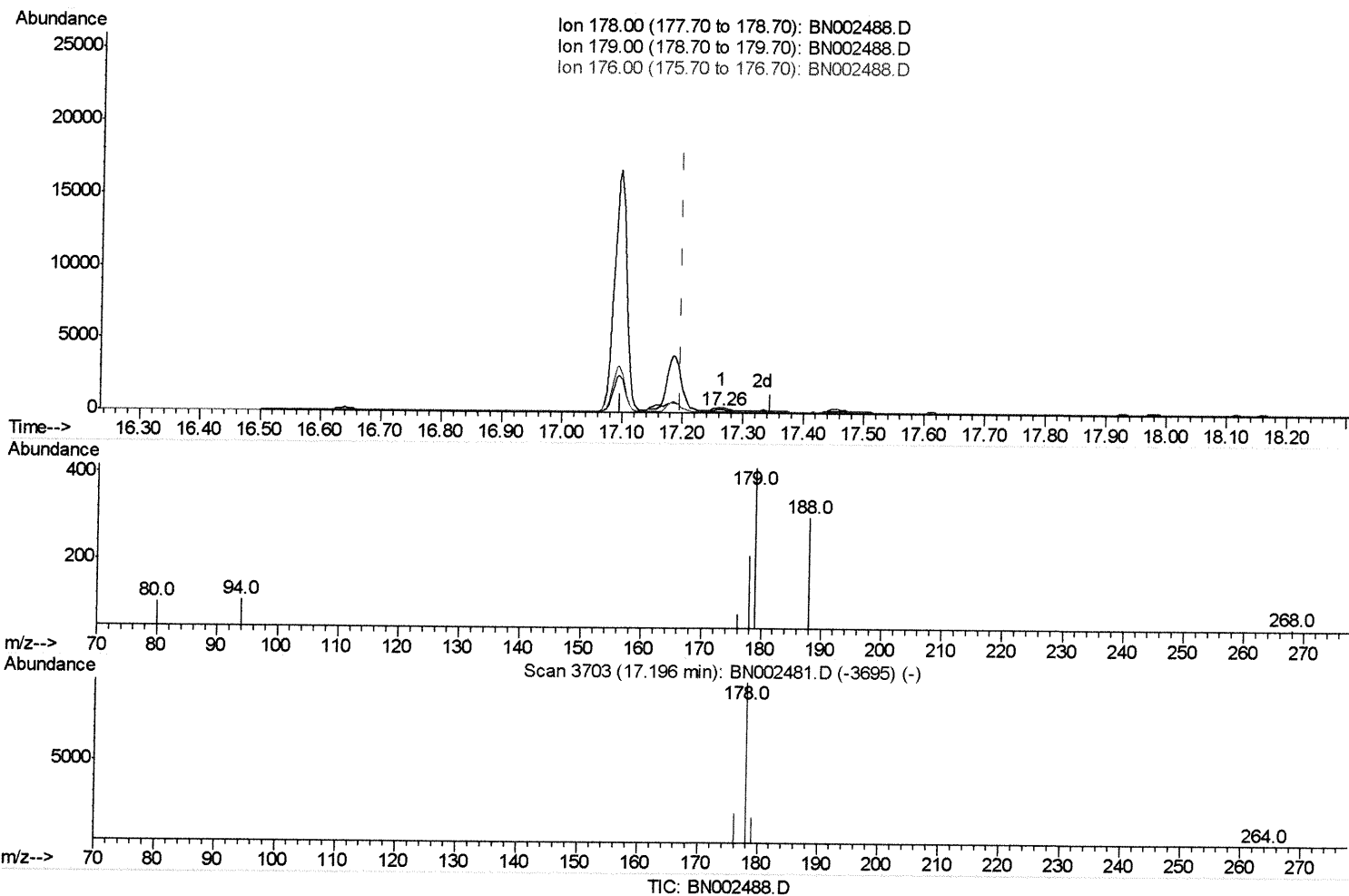
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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(13) Anthracene

17.263min (+0.067) 0.01ng/ui

response 217

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	195.31#
176.00	18.40	37.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

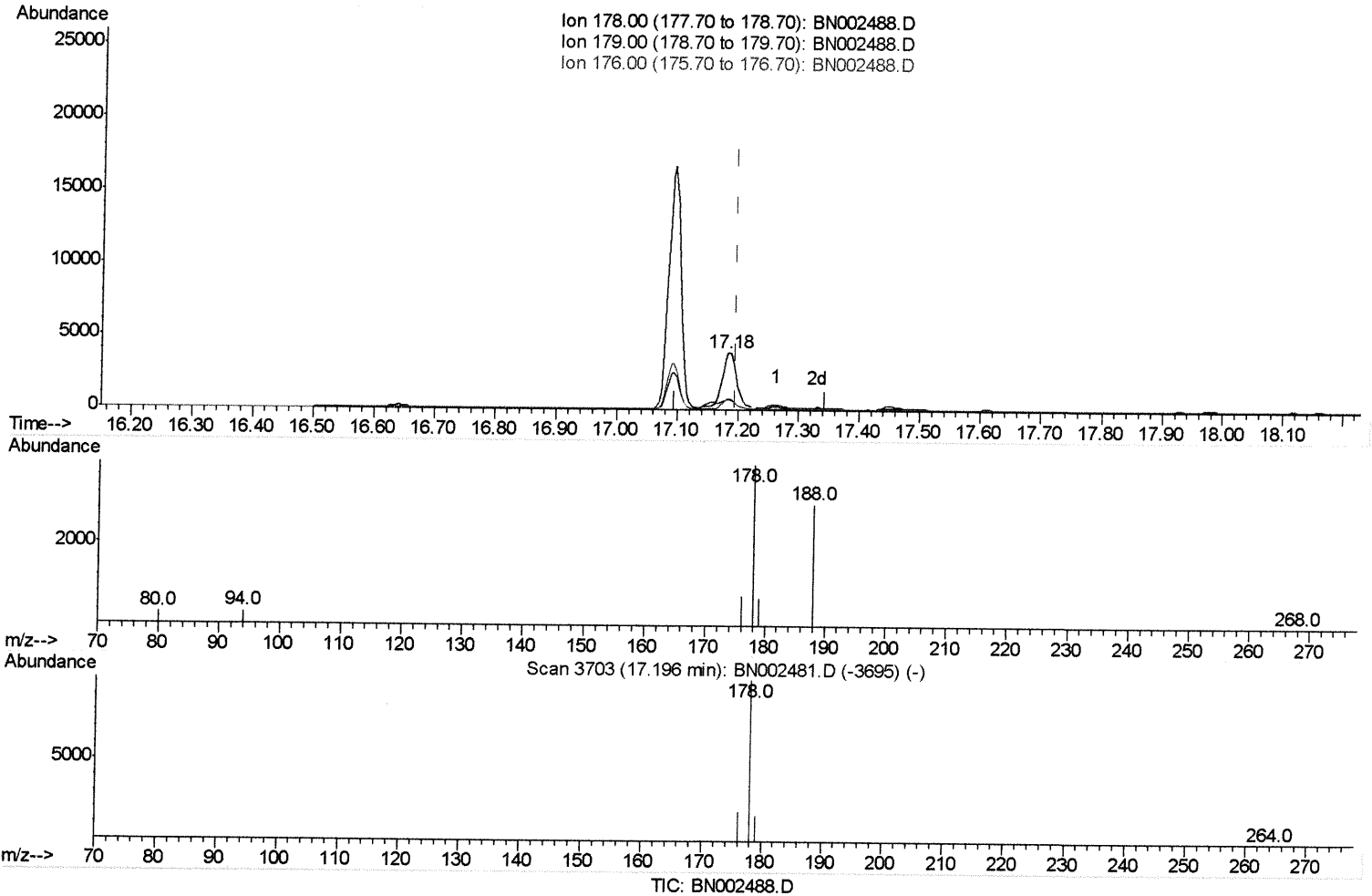
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(13) Anthracene

17.183min (-0.013) 0.23ng/ul m

SJ 8/27/18

response 6168

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.28
176.00	18.40	19.28
0.00	0.00	0.00

Quantitation Report (Qedit)

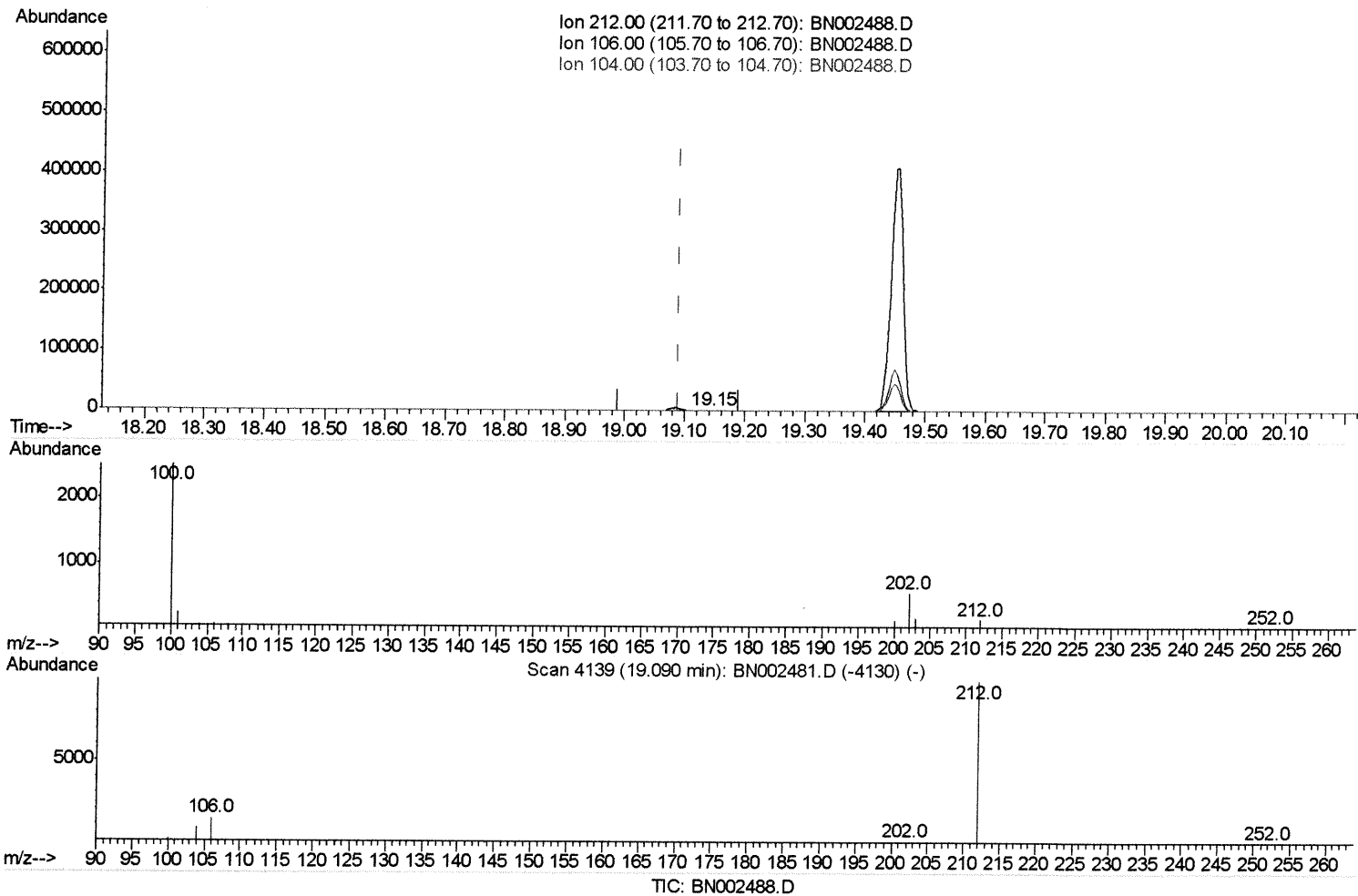
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002488.D
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(14) Fluoranthene-d10 (SURR)

19.146min (+0.056) 0.01ng/ul

response 200

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)

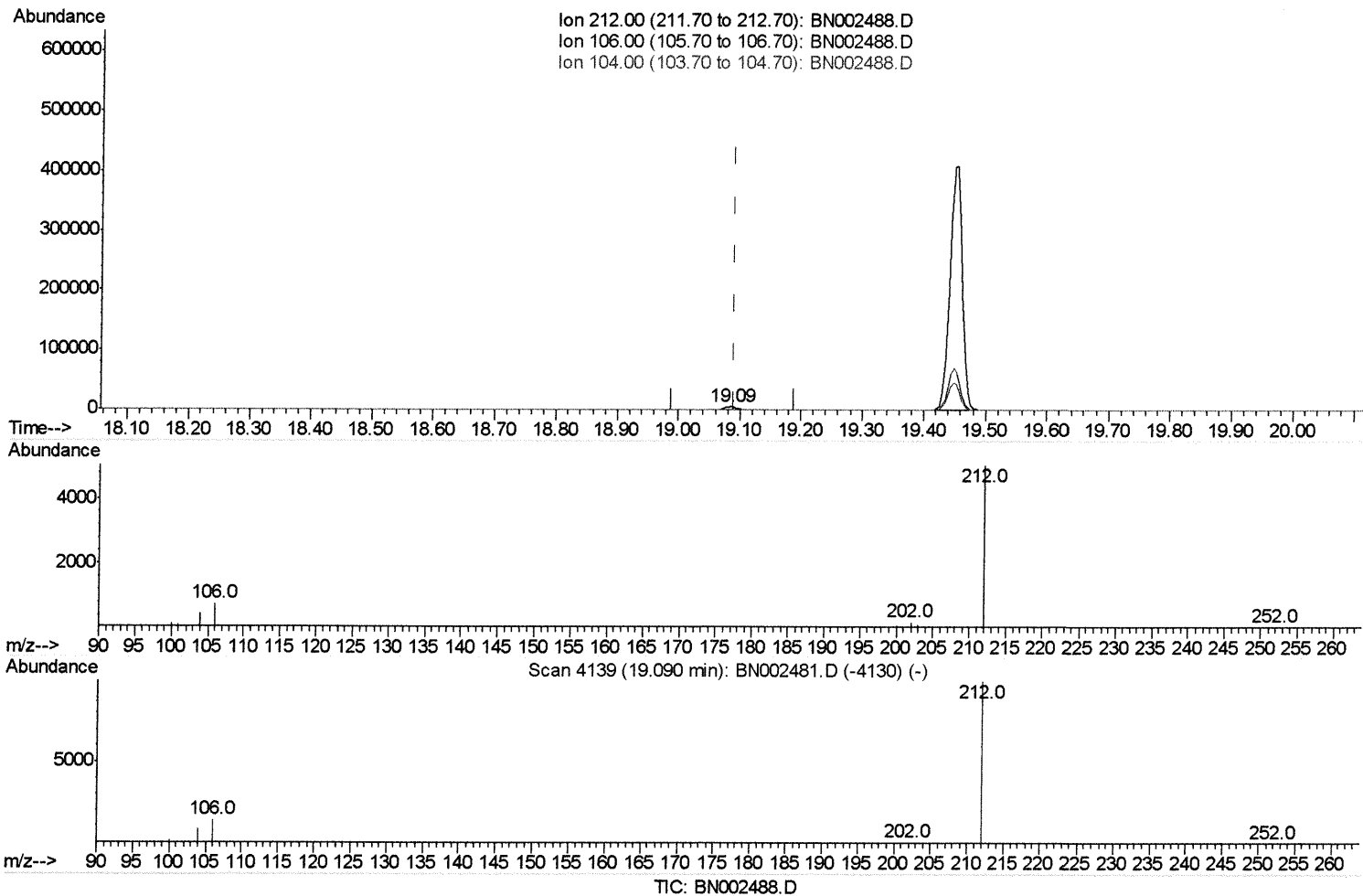
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002488.D
Acq On : 24 Aug 2018 04:22
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Manual Integrations
APPROVED

Sohil
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(14) Fluoranthene-d10 (SURR)

19.085min (-0.005) 0.22ng/ul m

SJ 8/27/18

response 6746

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)

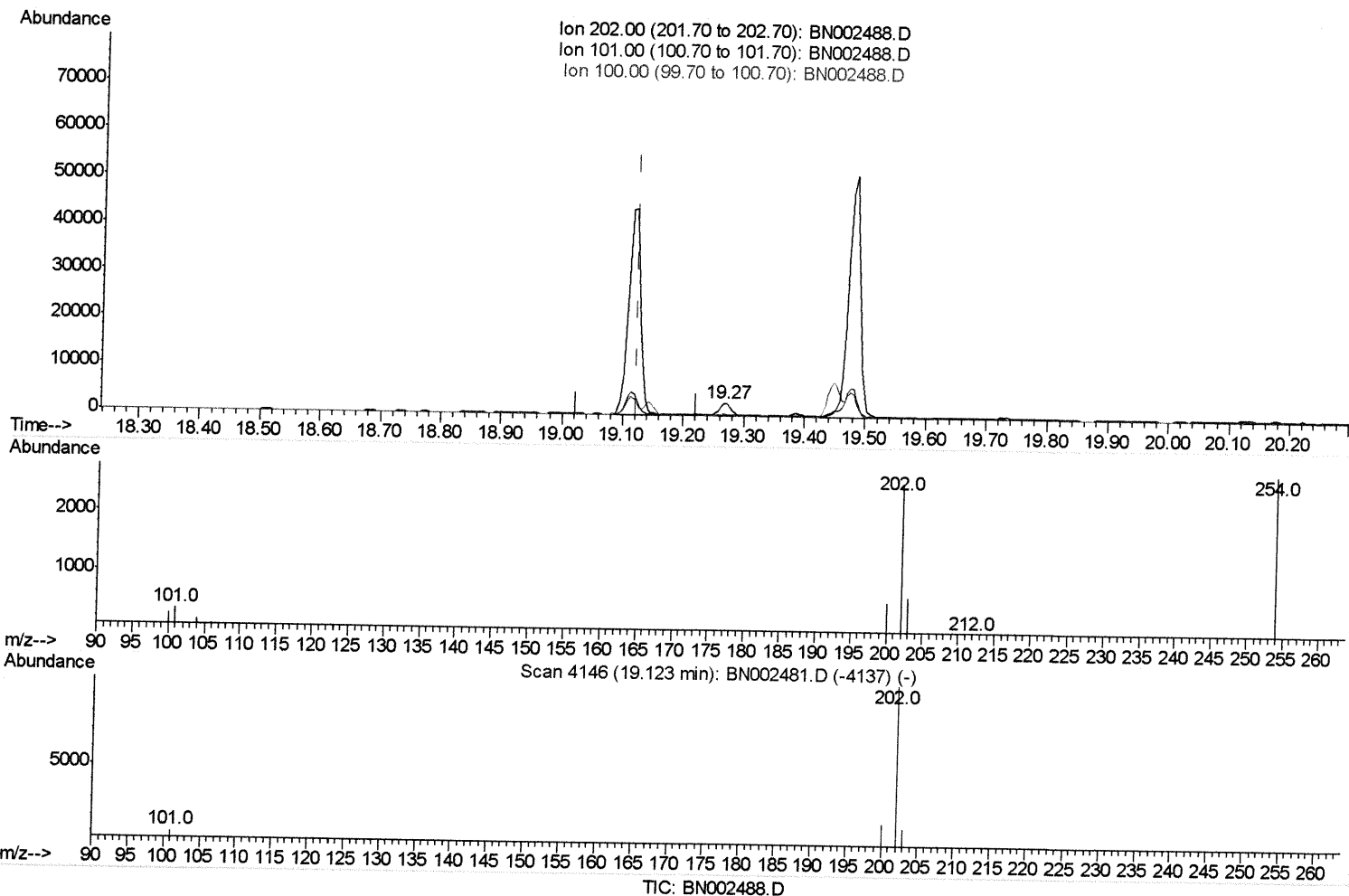
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 Data File : BN002488.D
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 Operator : JU/SJ
 Sample : J4424-11
 Misc :
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Manual Integrations
 APPROVED

Sohil
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(15) Fluoranthene (C)

19.271min (+0.149) 0.09ng/ul

response 3236

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	13.17
100.00	10.00	9.58
0.00	0.00	0.00

Quantitation Report (Qedit)

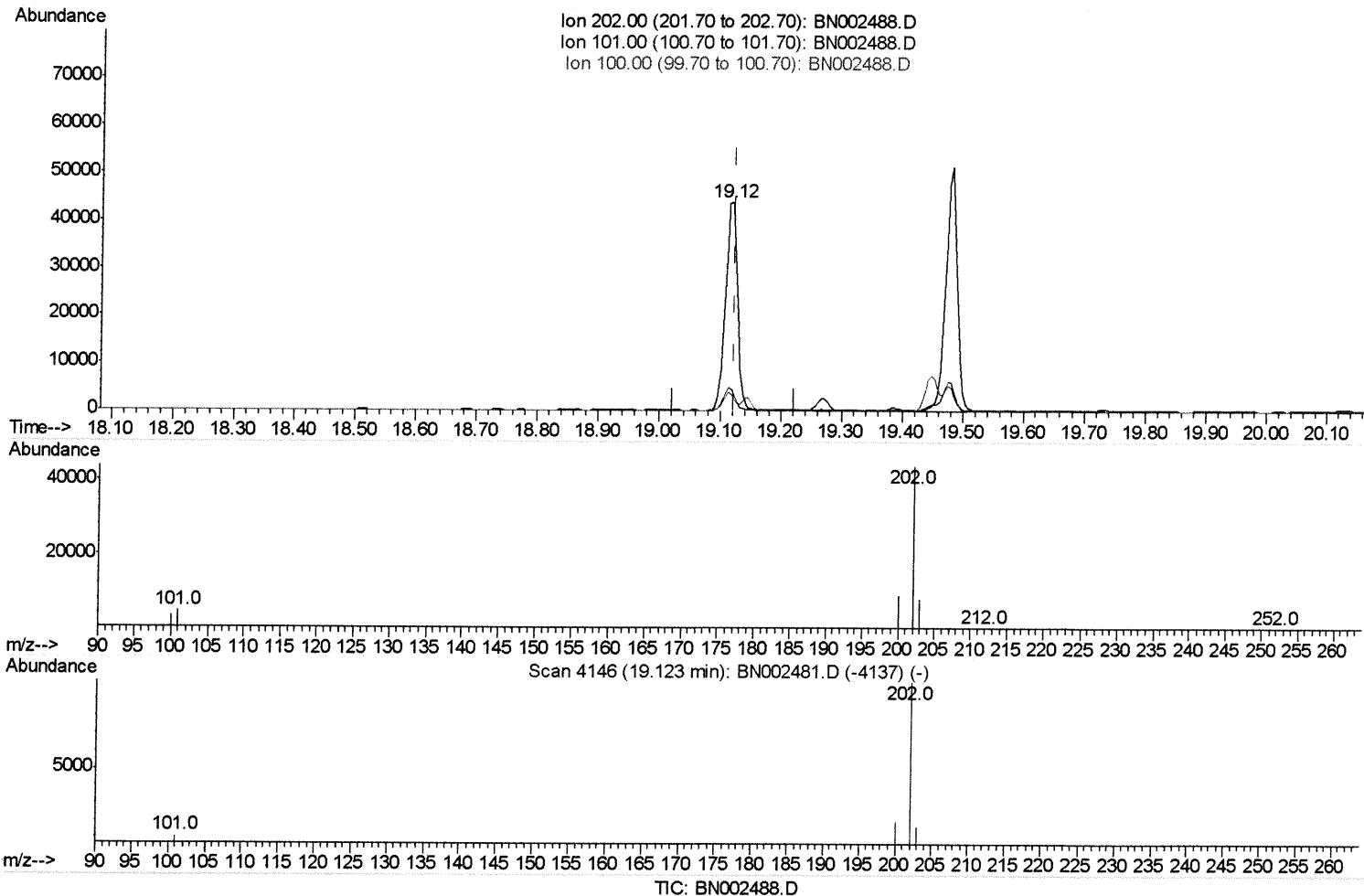
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Manual Integrations
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(15) Fluoranthene (C)

19.118min (-0.005) 1.67ng/ul m

SJ 8/27/18

response 60899

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.24
100.00	10.00	7.71
0.00	0.00	0.00

Quantitation Report (Qedit)

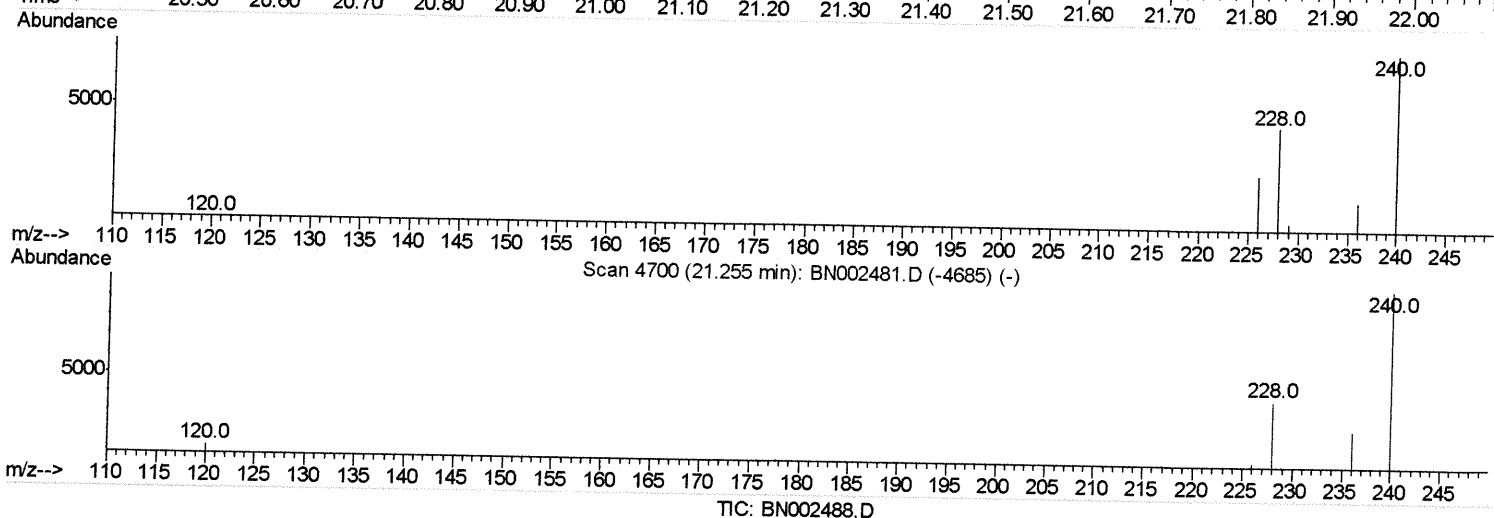
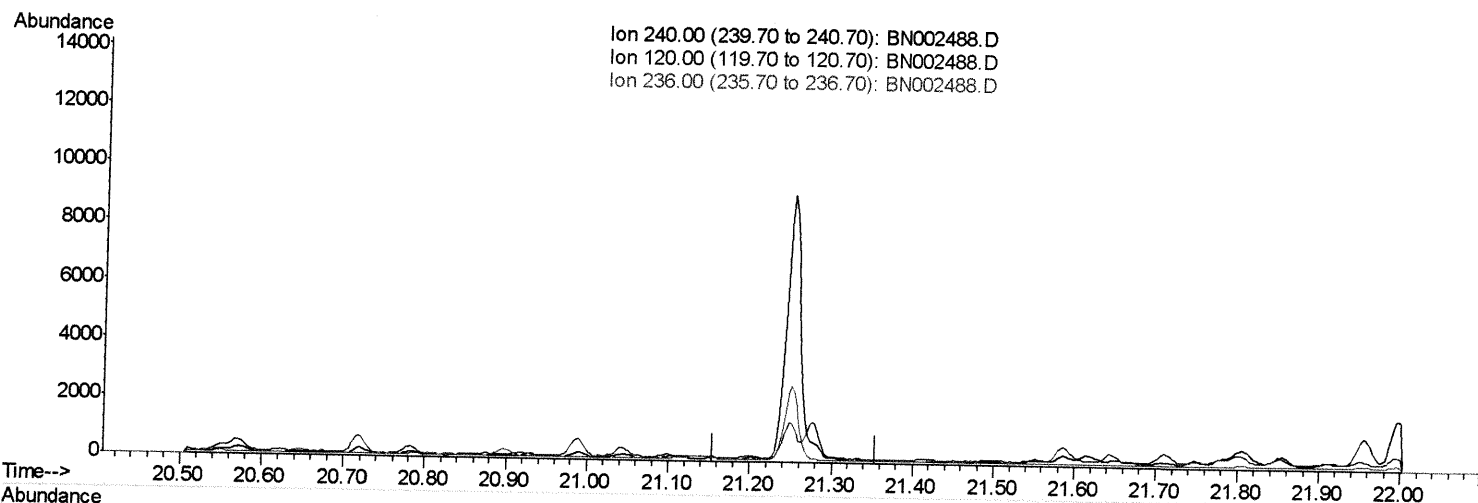
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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 Sample : J4424-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:59 PM

Quant Time: Aug 24 06:43:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
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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)

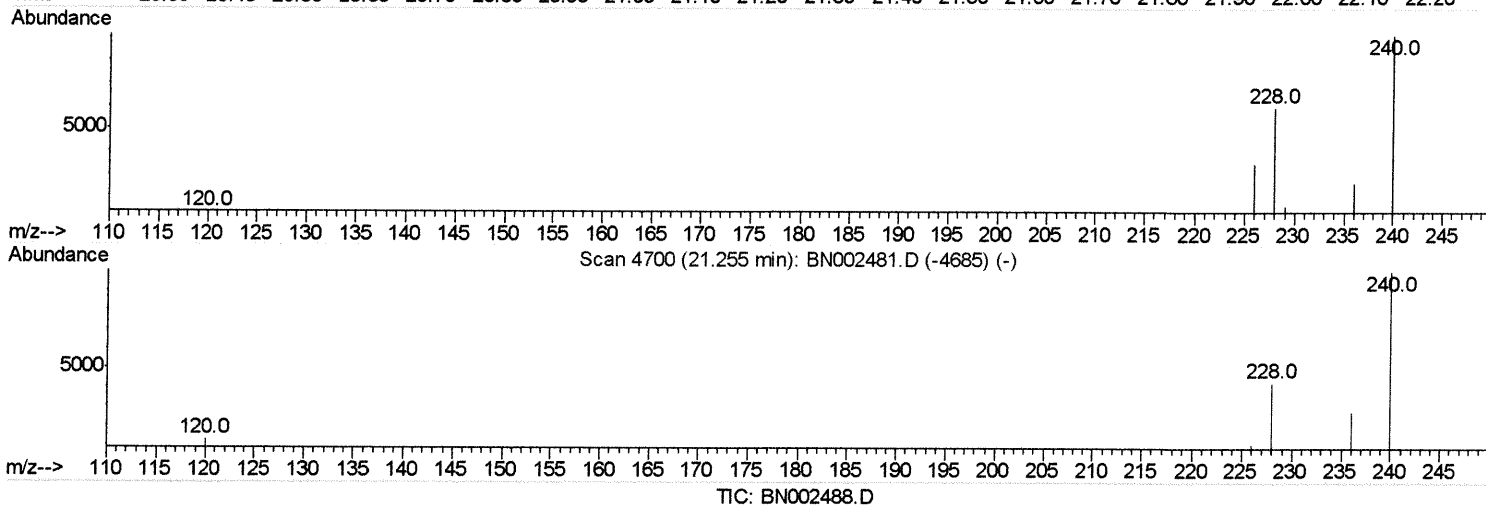
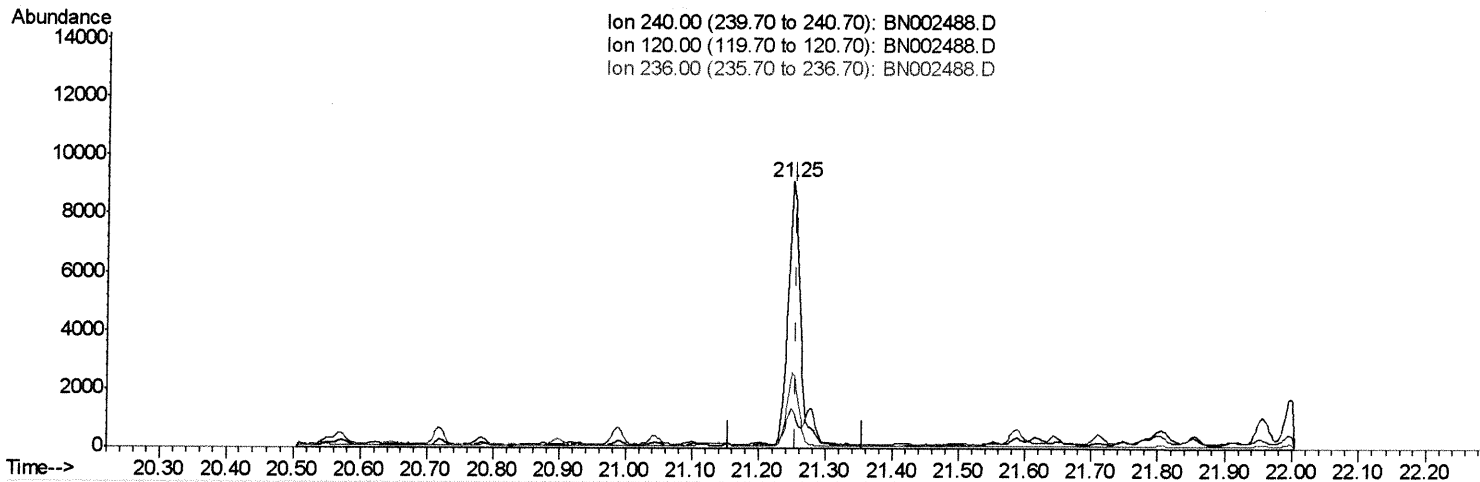
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002488.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
8/24/2018 5:11:59 PM

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(16) Chrysene-d12 (I)

21.249min (-0.006) 0.40ng/ul m

SJ 8/27/18

response 11512

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.54#
236.00	34.90	28.52
0.00	0.00	0.00

Quantitation Report (Qedit)

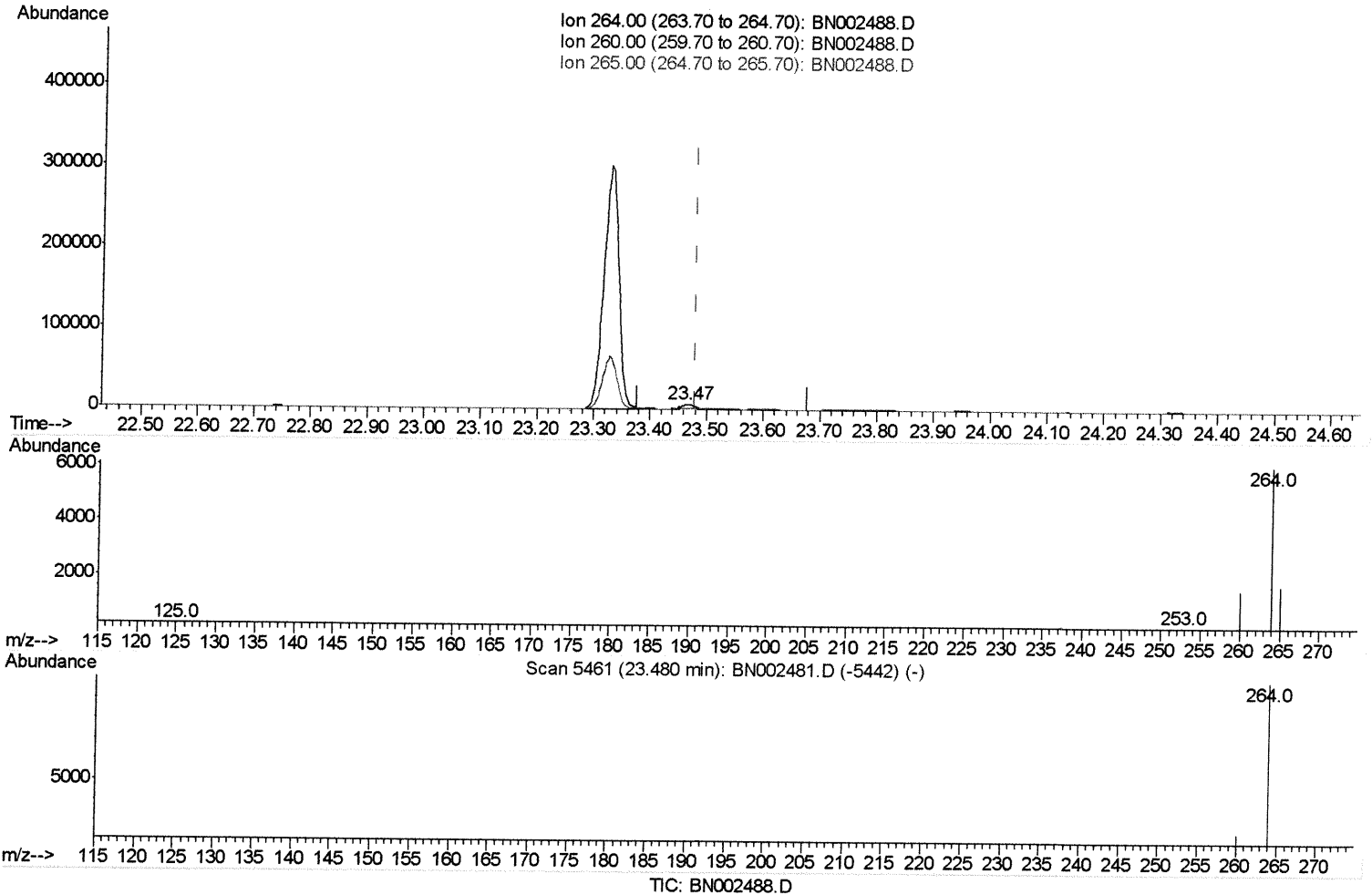
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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Manual Integrations
 APPROVED

Sohil
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(20) Perylene-d12 (I)

23.468min (-0.012) 0.40ng/ul

response 12942

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.90
265.00	103.50	29.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

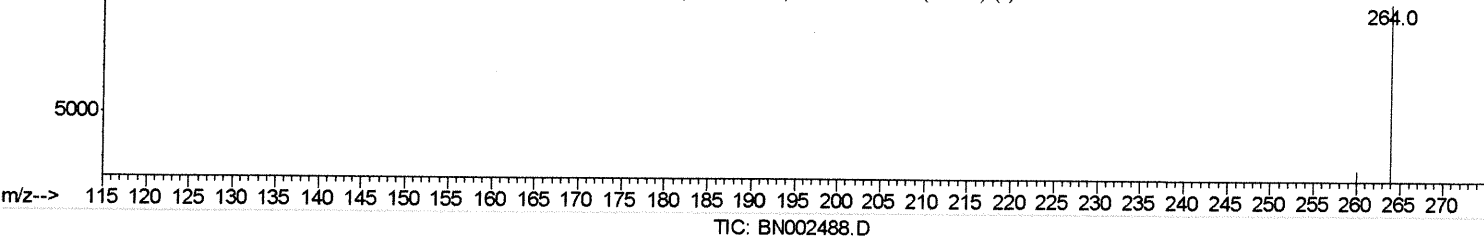
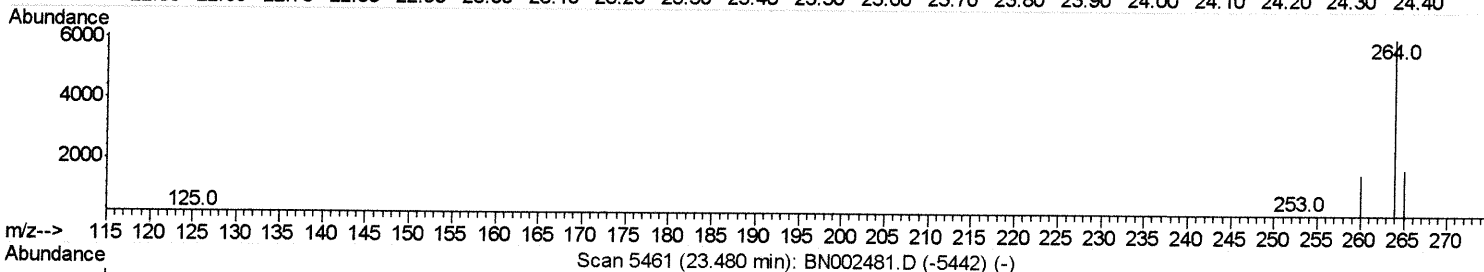
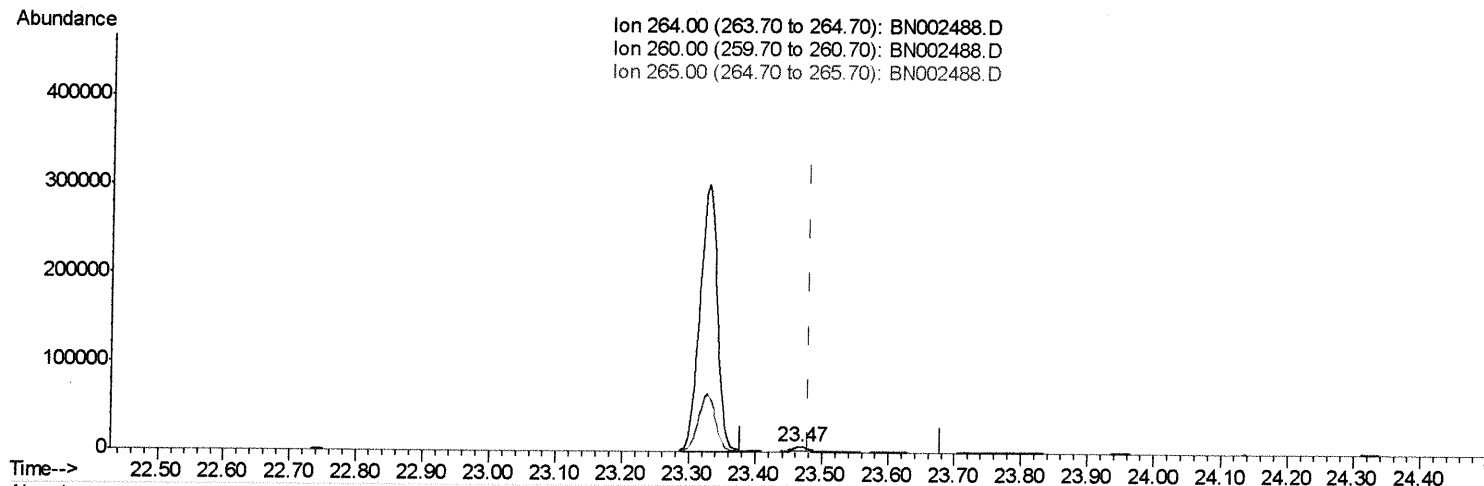
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Manual Integrations
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(20) Perylene-d12 (I)

23.468min (-0.012) 0.40ng/ul m

SJ 8/27/18

response 10484

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.90
265.00	103.50	29.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

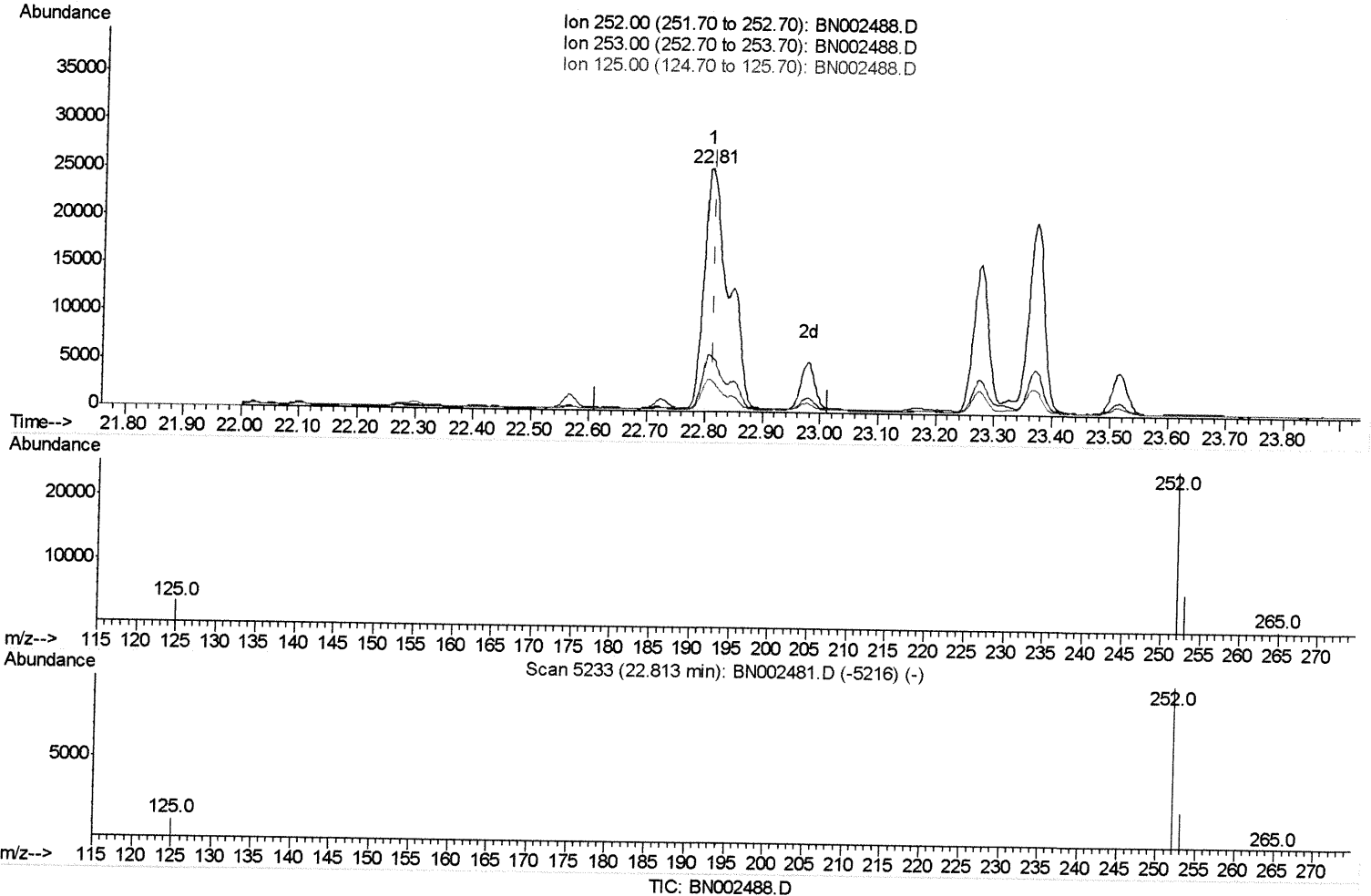
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(21) Benzo(b)fluoranthene
 22.807min (-0.006) 1.97ng/ul
 response 74235

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.32
125.00	17.50	13.29
0.00	0.00	0.00

Quantitation Report (Qedit)

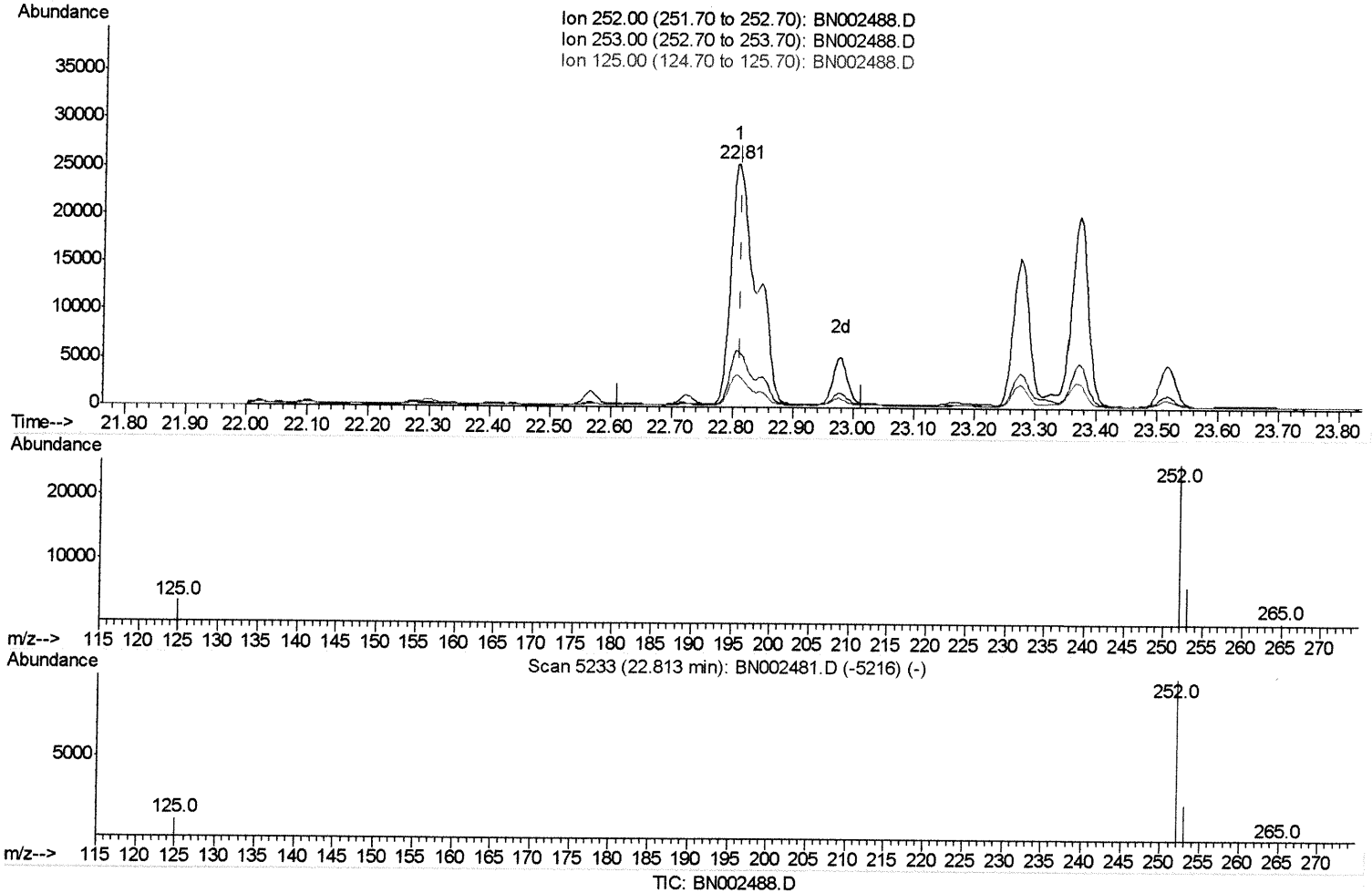
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(21) Benzo(b)fluoranthene

22.807min (-0.006) 1.52ng/ul m

SJ 8/27/18

response 57349

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.32
125.00	17.50	13.29
0.00	0.00	0.00

Quantitation Report (Qedit)

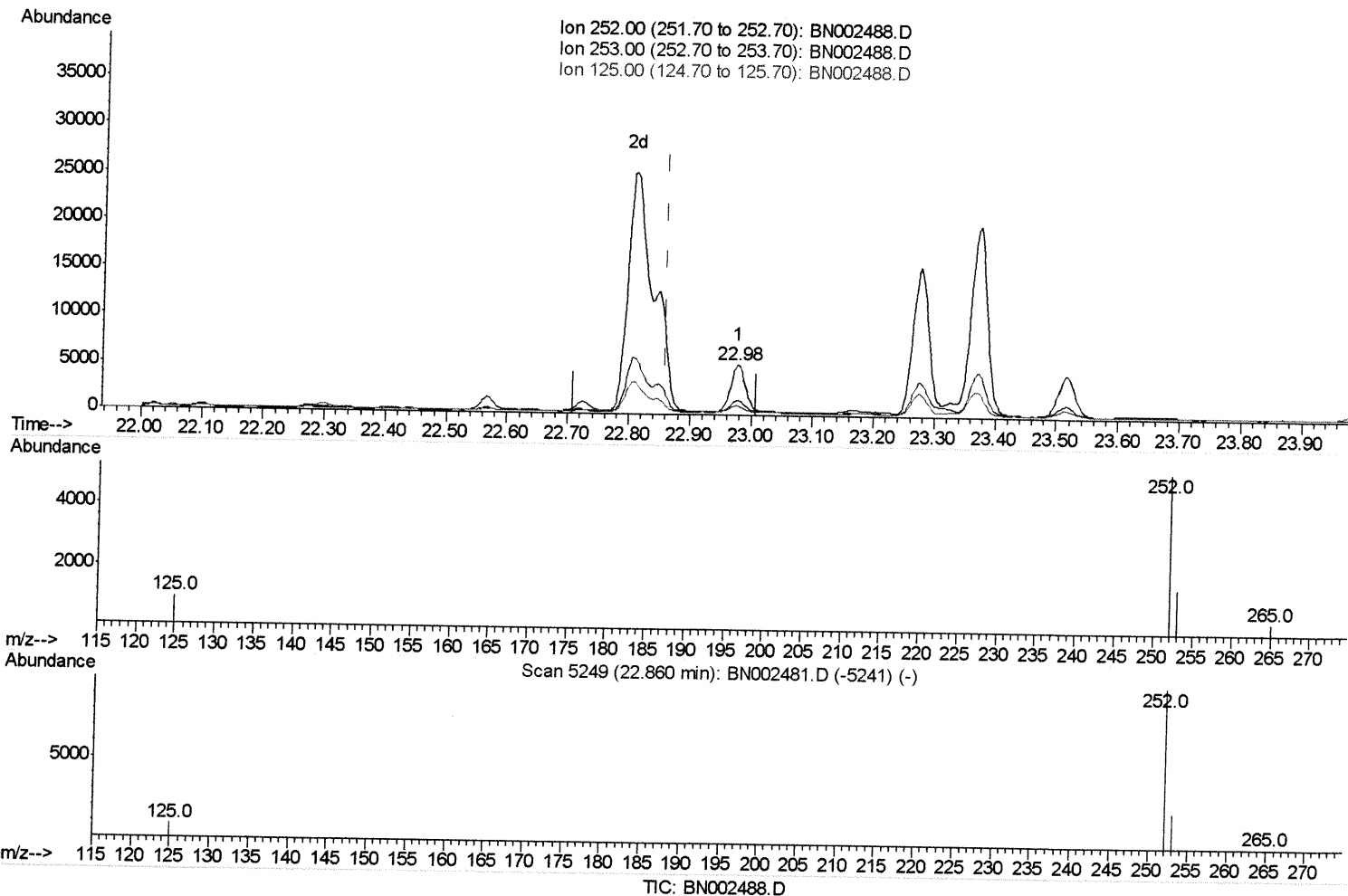
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(22) Benzo(k)fluoranthene

22.977min (+0.117) 0.18ng/ul

response 6832

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.56
125.00	17.10	18.75
0.00	0.00	0.00

Quantitation Report (Qedit)

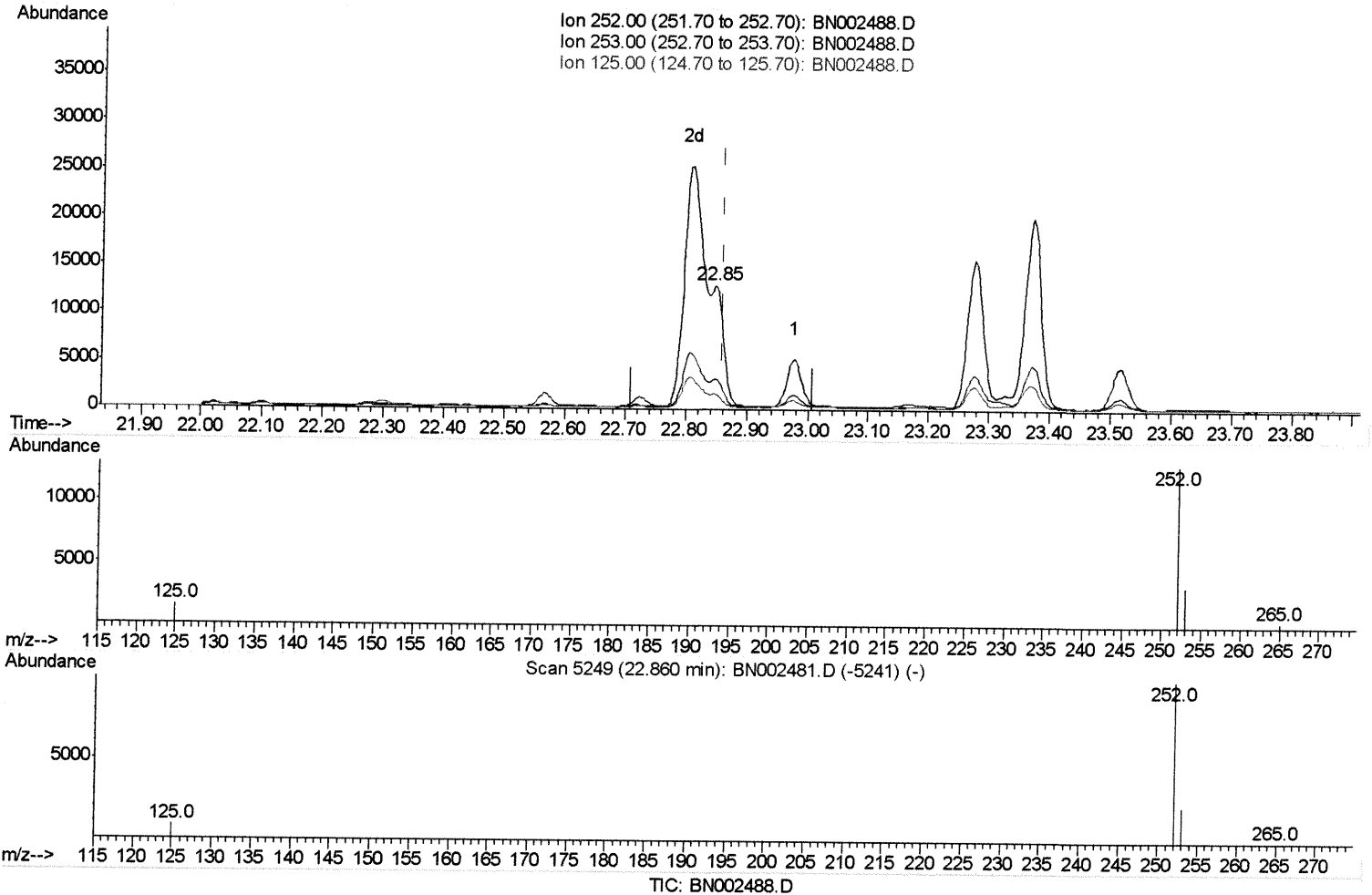
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002488.D
 Acq On : 24 Aug 2018 04:22
 Operator : JU/SJ
 Sample : J4424-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YS7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:59 PM

Quant Time: Aug 24 06:44:56 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



(22) Benzo(k)fluoranthene

22.848min (-0.012) 0.48ng/ul m

SJ 8/27/18

response 18523

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.92
125.00	17.10	12.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002488.D
 Acq On : 24 Aug 2018 04:22
 Operator : JU/SJ
 Sample : J4424-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A3YS7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:59 PM

Quant Time: Aug 24 06:54:16 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1869	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	7802	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4433	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	10516m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	11512m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10484m	0.40	ng/ul	-0.01

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.04	152	2362	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6746m	0.22	ng/ul	0.00

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Target Compounds

					Ovalue	
3) Naphthalene	10.49	128	998	0.050	ng/ul#	83
5) 2-Methylnaphthalene	12.12	142	440	0.031	ng/ul	100
7) Acenaphthylene	14.02	152	7510	0.362	ng/ul	97
8) Acenaphthene	14.37	153	675	0.043	ng/ul#	93
9) Fluorene	15.36	166	1232	0.068	ng/ul	92
12) Phenanthrene	17.09	178	23496m	0.755	ng/ul	
13) Anthracene	17.18	178	6168m	0.231	ng/ul	
15) Fluoranthene	19.12	202	60899m	1.665	ng/ul	
17) Pyrene	19.48	202	68431	1.743	ng/ul#	95
18) Benzo(a)anthracene	21.23	228	31073	0.903	ng/ul#	84
19) Chrysene	21.28	228	38661	0.993	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	57349m	1.523	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	18523m	0.476	ng/ul	
23) Benzo(a)pyrene	23.37	252	37376	1.056	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.68	276	26057	0.706	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.68	278	6407	0.220	ng/ul	97
26) Benzo(a,h,i)perylene	26.36	276	24993	0.791	ng/ul	95

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> SJ 8/27/18

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