

Quantitation Report (QT Reviewed)

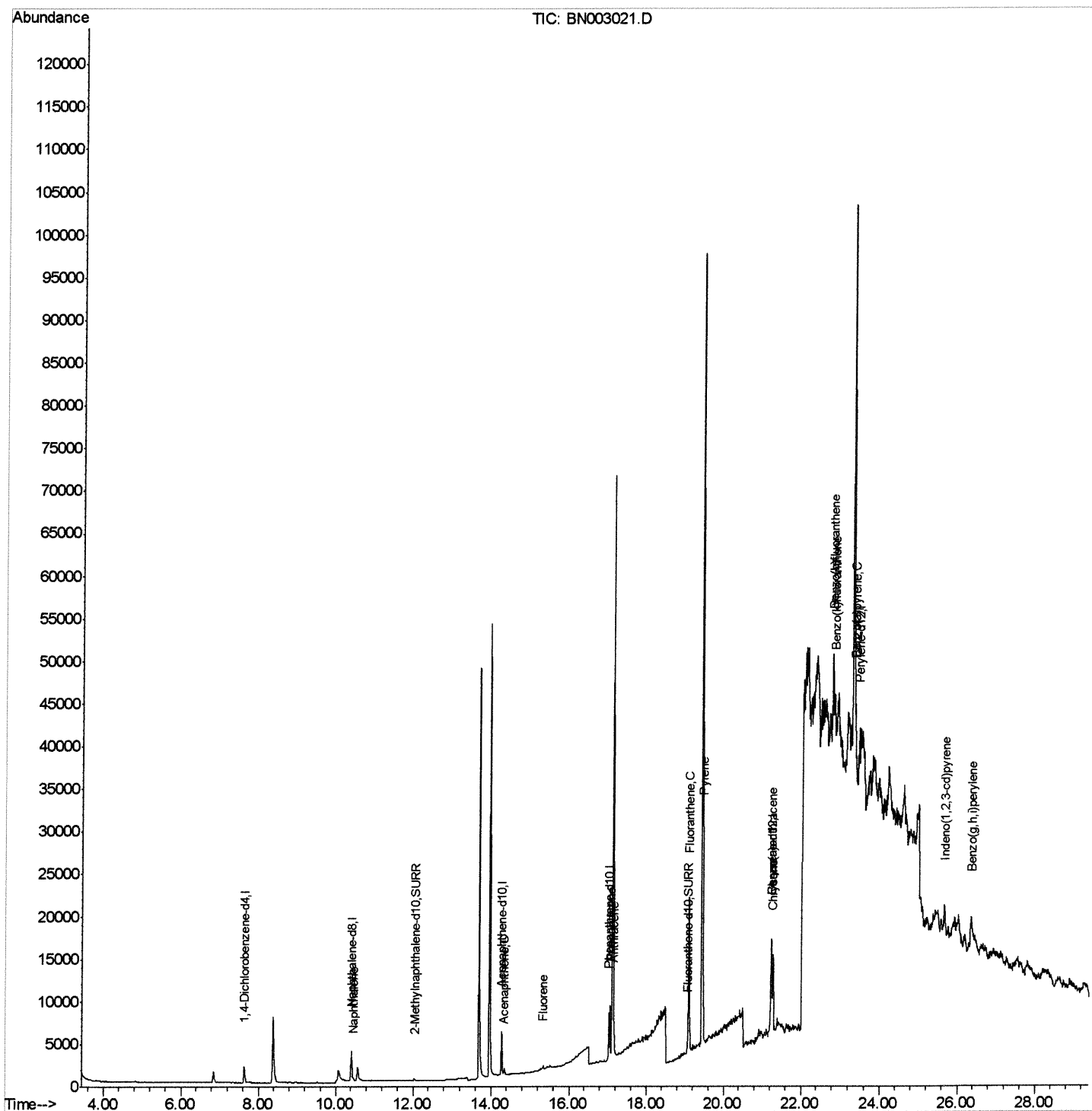
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
 Acq On : 09 Oct 2018 11:55
 Operator : MJ/SJ
 Sample : J5116-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:45:55 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

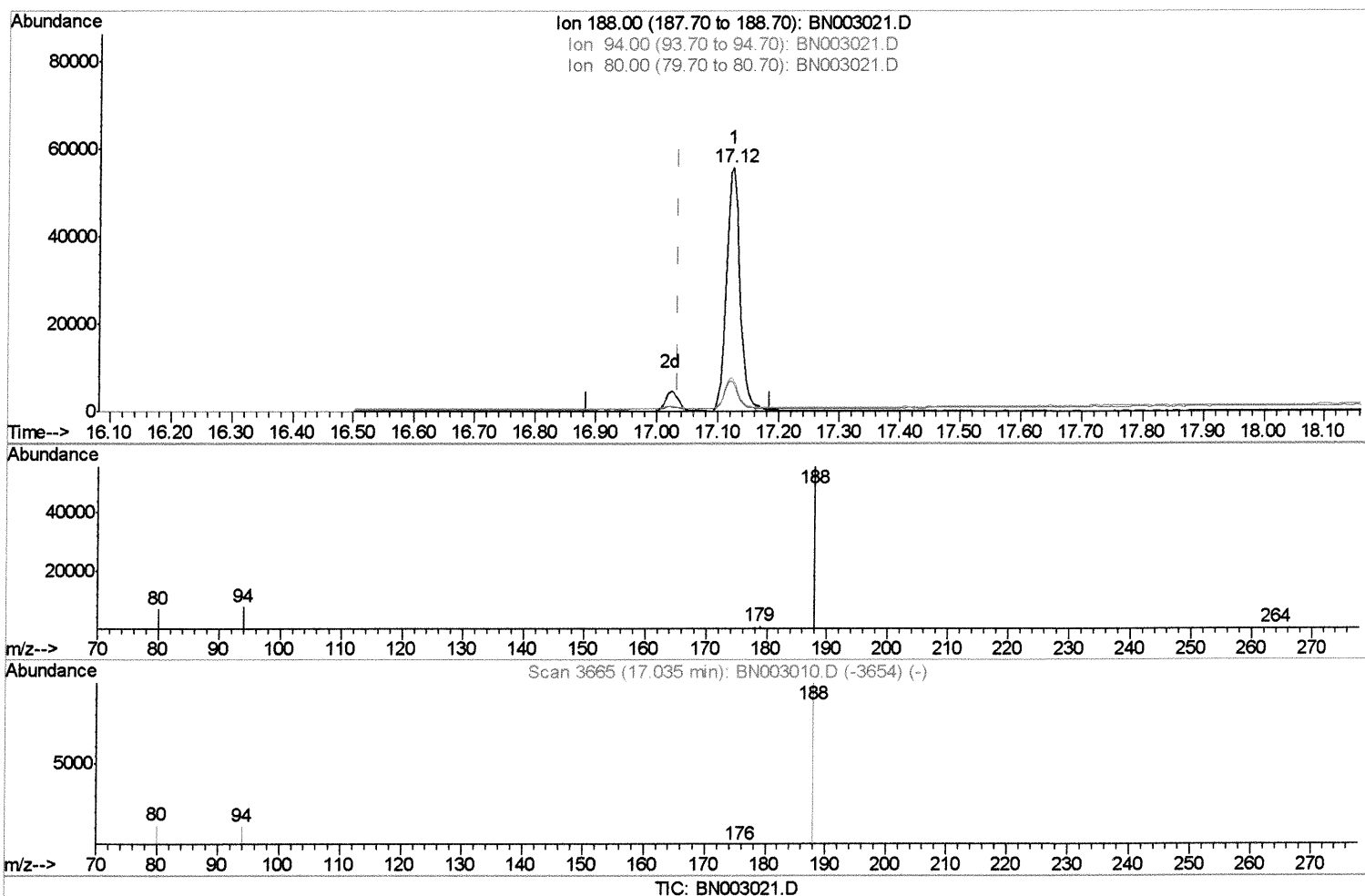
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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 10/9/2018 5:38:36 PM

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(10) Phenanthrene-d10 (I)
 17.124min (+0.089) 0.40ng/ul
 response 85494

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.57
80.00	12.70	12.13
0.00	0.00	0.00

Quantitation Report (Qedit)

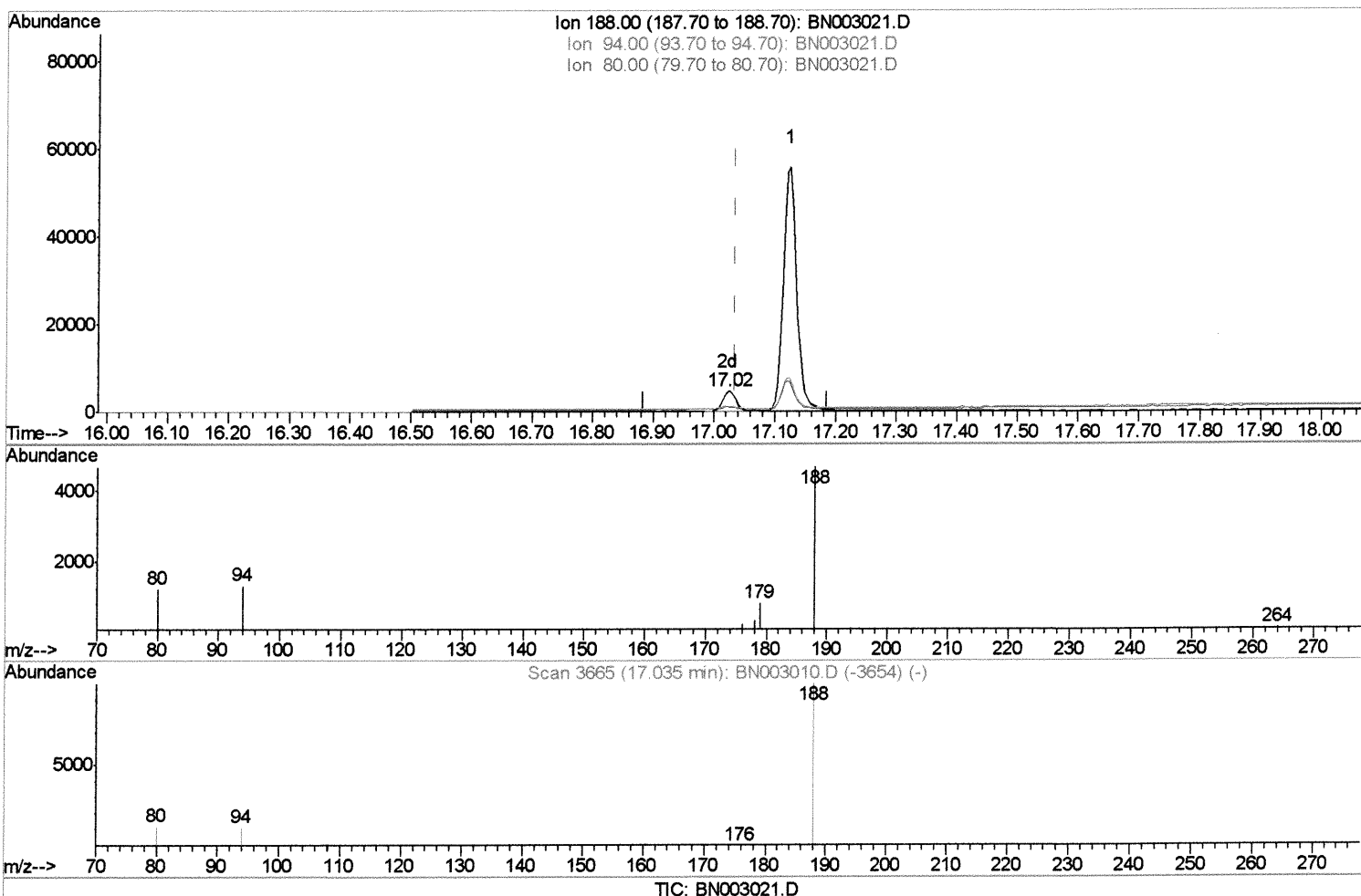
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(10) Phenanthrene-d10 (I)

17.023min (-0.013) 0.40ng/ul m

response 7429

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	27.85#
80.00	12.70	25.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

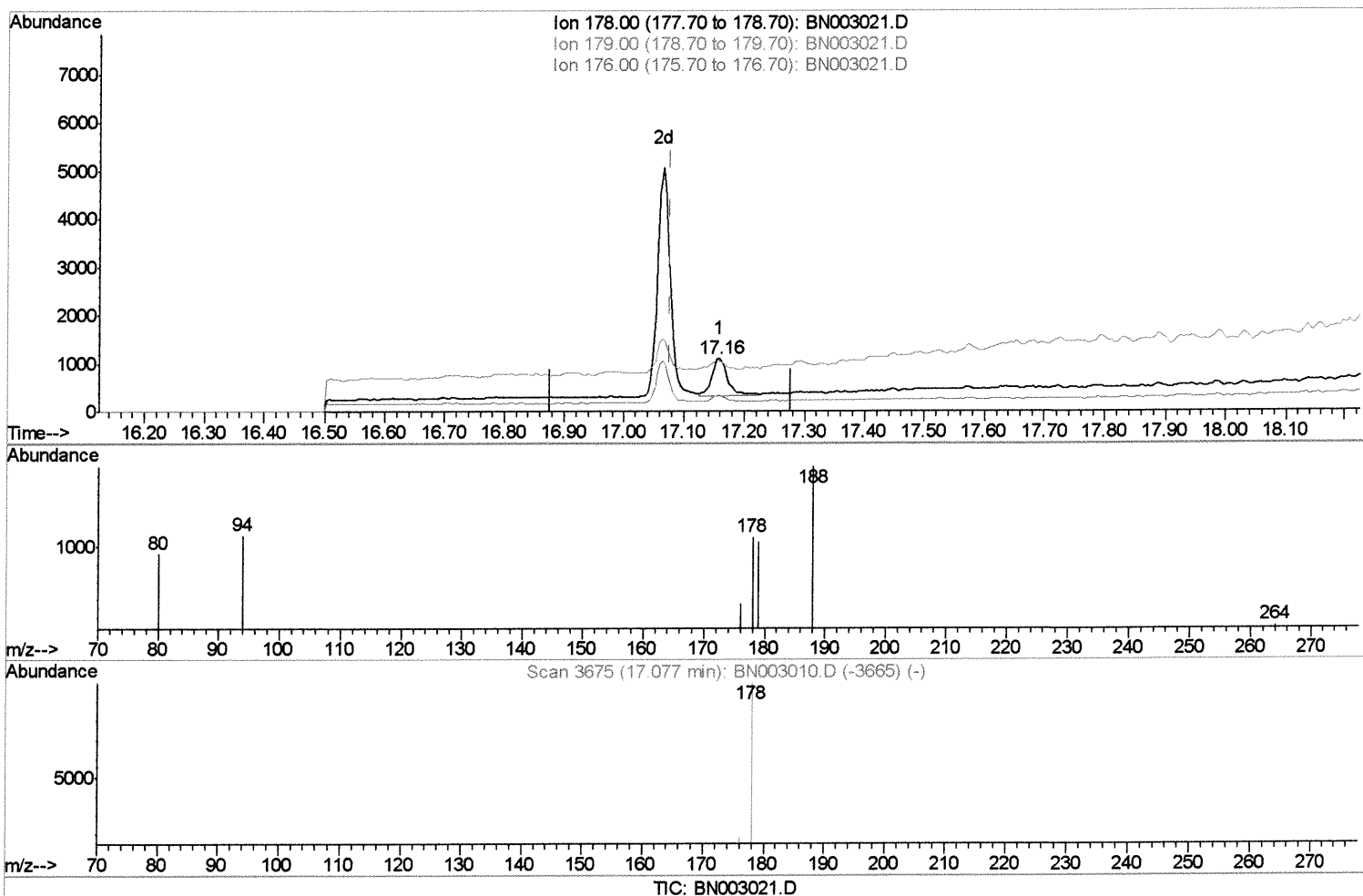
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(12) Phenanthrene

17.158min (+0.080) 0.07ng/ul

response 1369

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	95.10#
176.00	19.30	31.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

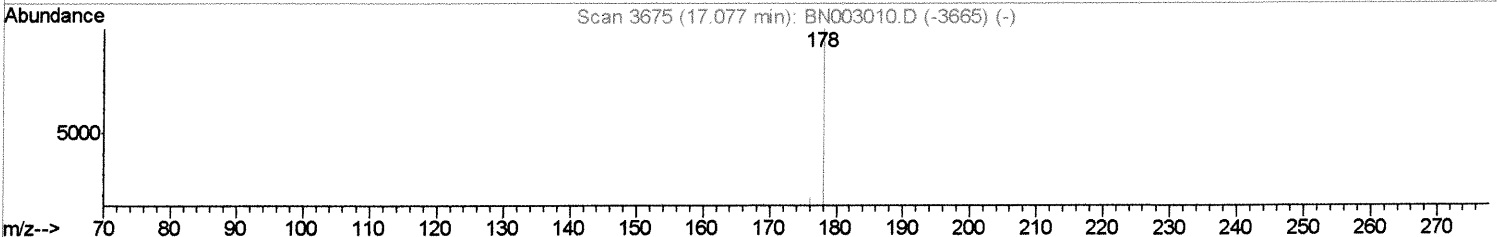
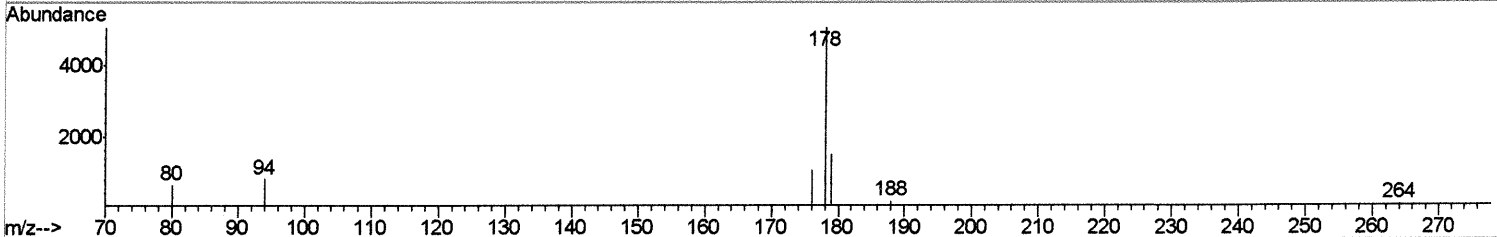
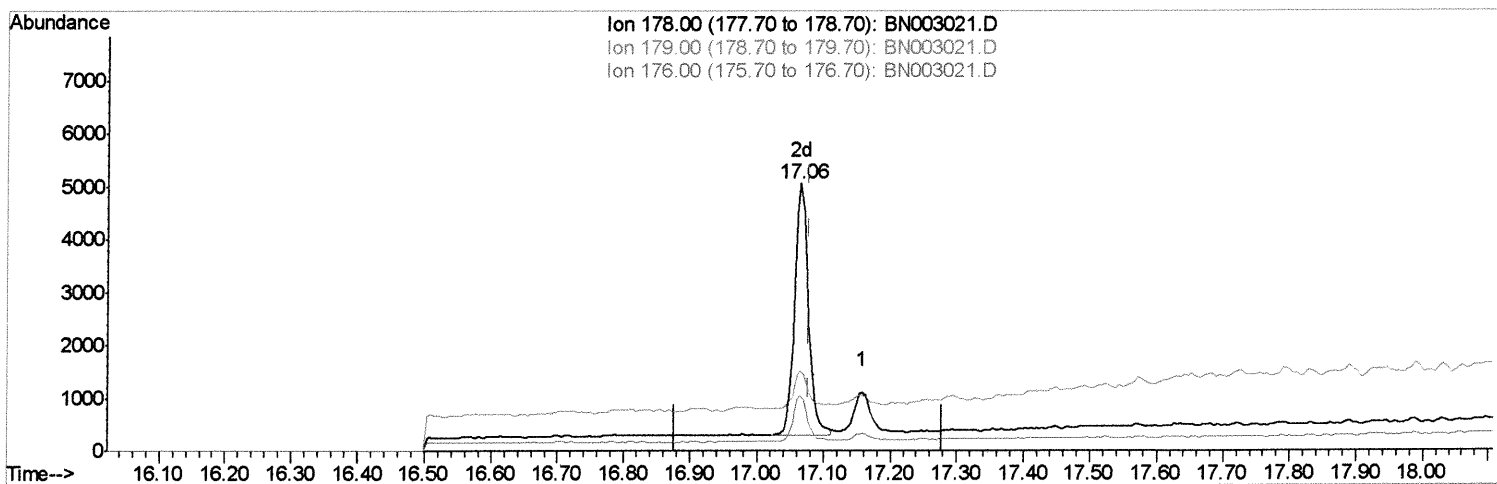
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TIC: BN003021.D

(12) Phenanthrene

17.065min (-0.013) 0.34ng/ul m

310/10/18

response 6941

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	29.88#
176.00	19.30	21.03
0.00	0.00	0.00

Quantitation Report (Qedit)

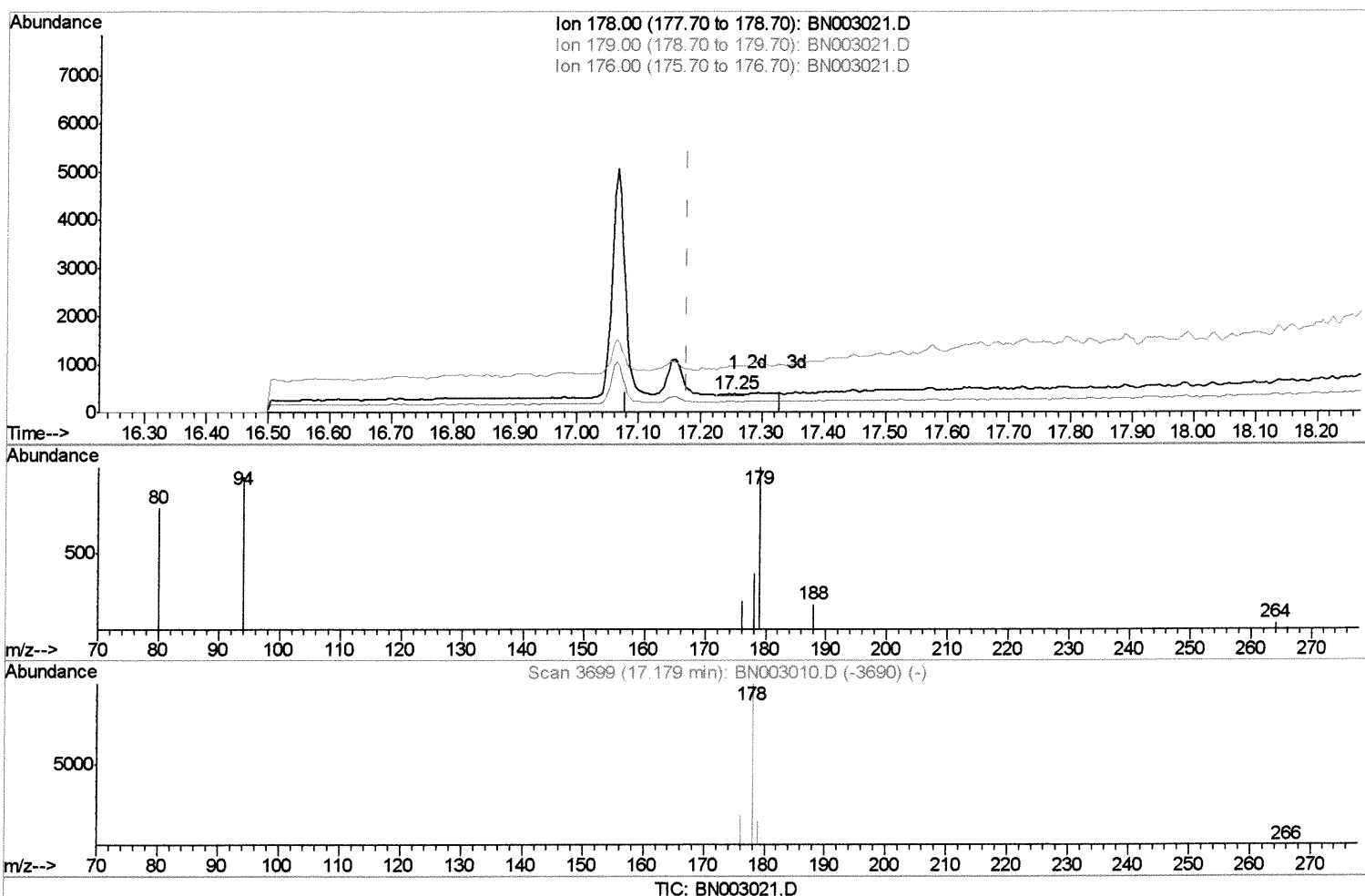
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(13) Anthracene

17.255min (+0.076) 0.00ng/ul

response 70

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	255.84#
176.00	19.10	58.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

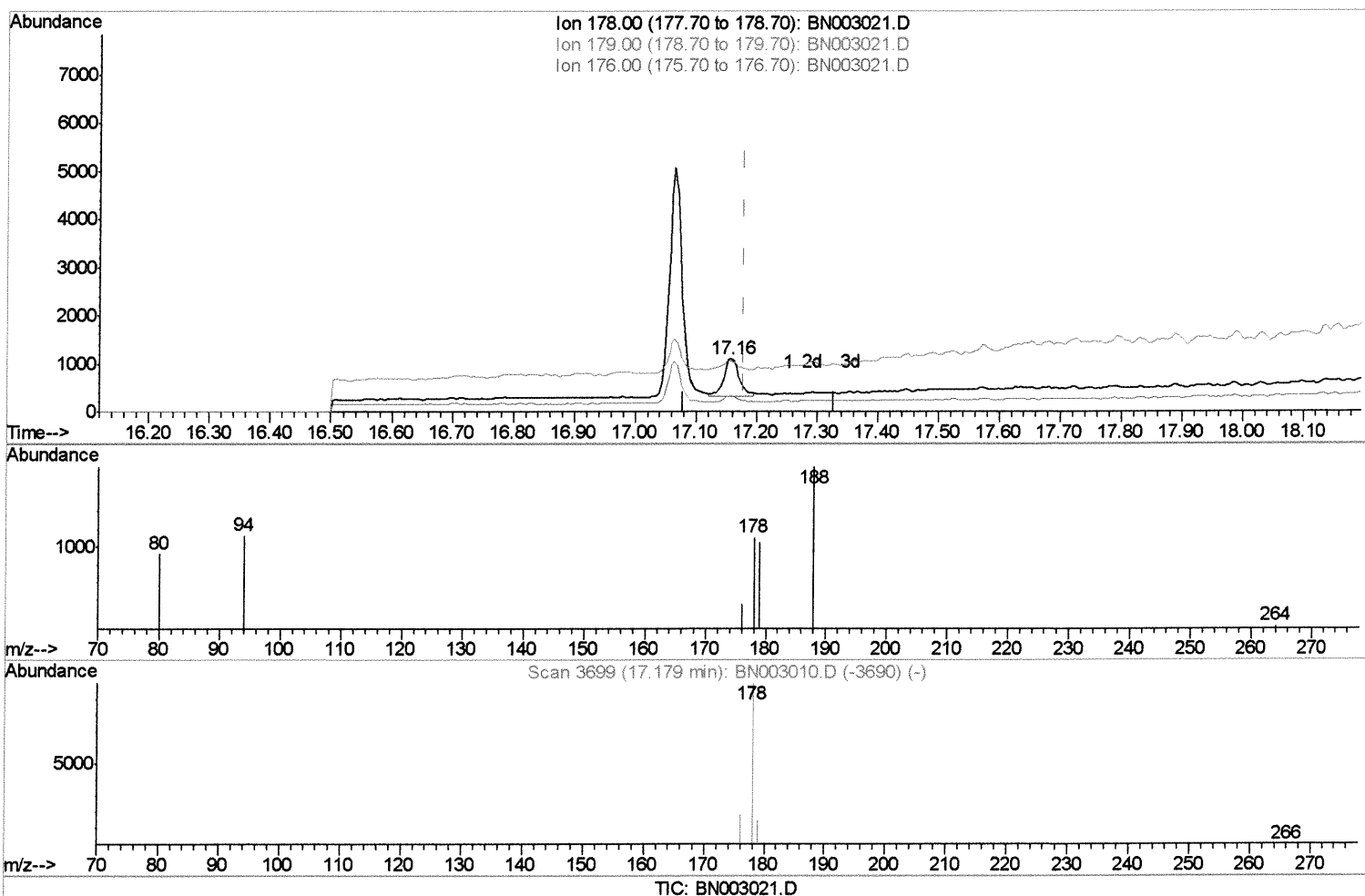
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(13) Anthracene

17.158min (-0.021) 0.07ng/ul m

response 1373

Ion Exp% Act%

178.00 100 100

179.00 16.30 95.10#

176.00 19.10 31.64#

0.00 0.00 0.00

SJ 10/10/18

Quantitation Report (Qedit)

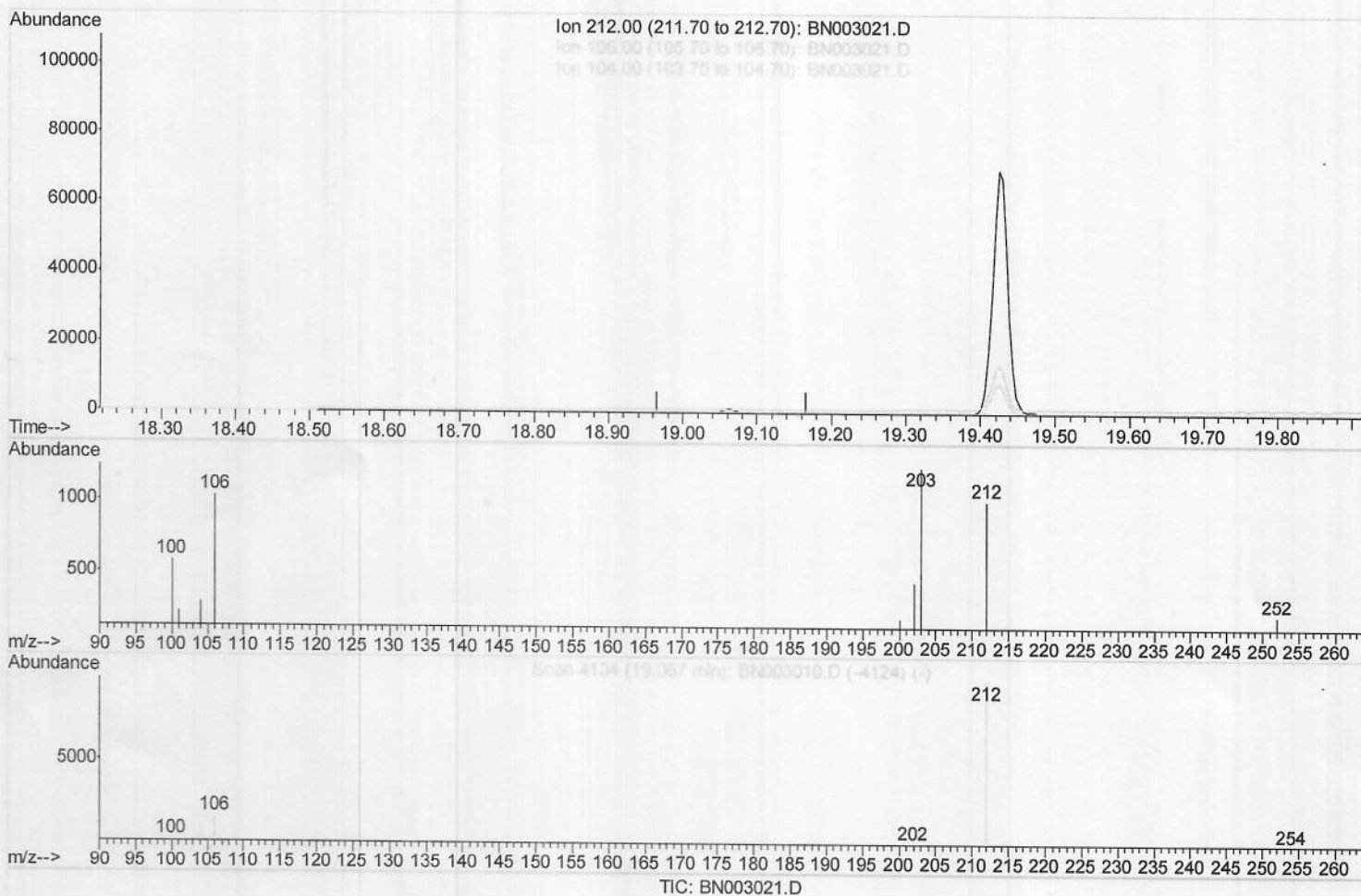
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(14) Fluoranthene-d10 (SURR)

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)

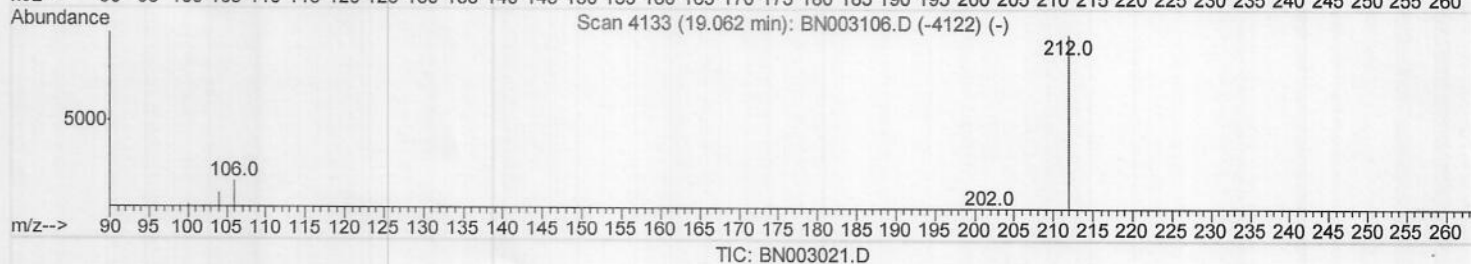
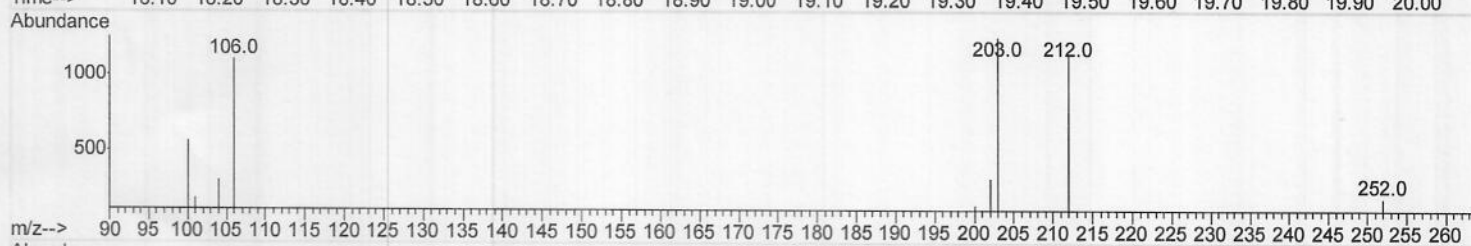
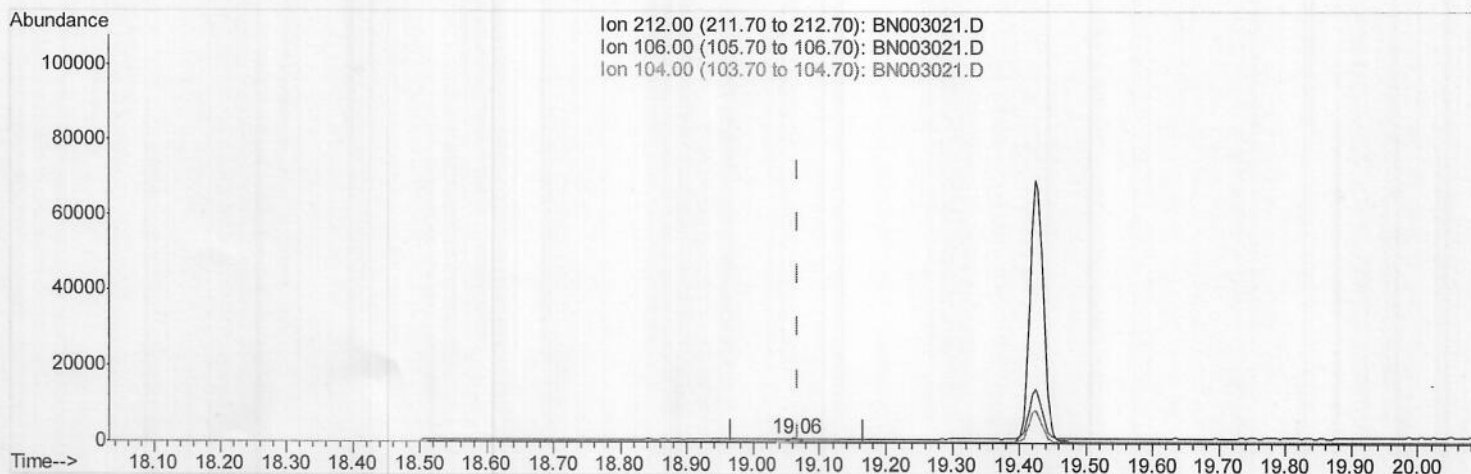
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.062min (-0.005) 0.06ng/ul m

response 1348

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

SJ 10/10/18

Quantitation Report (Qedit)

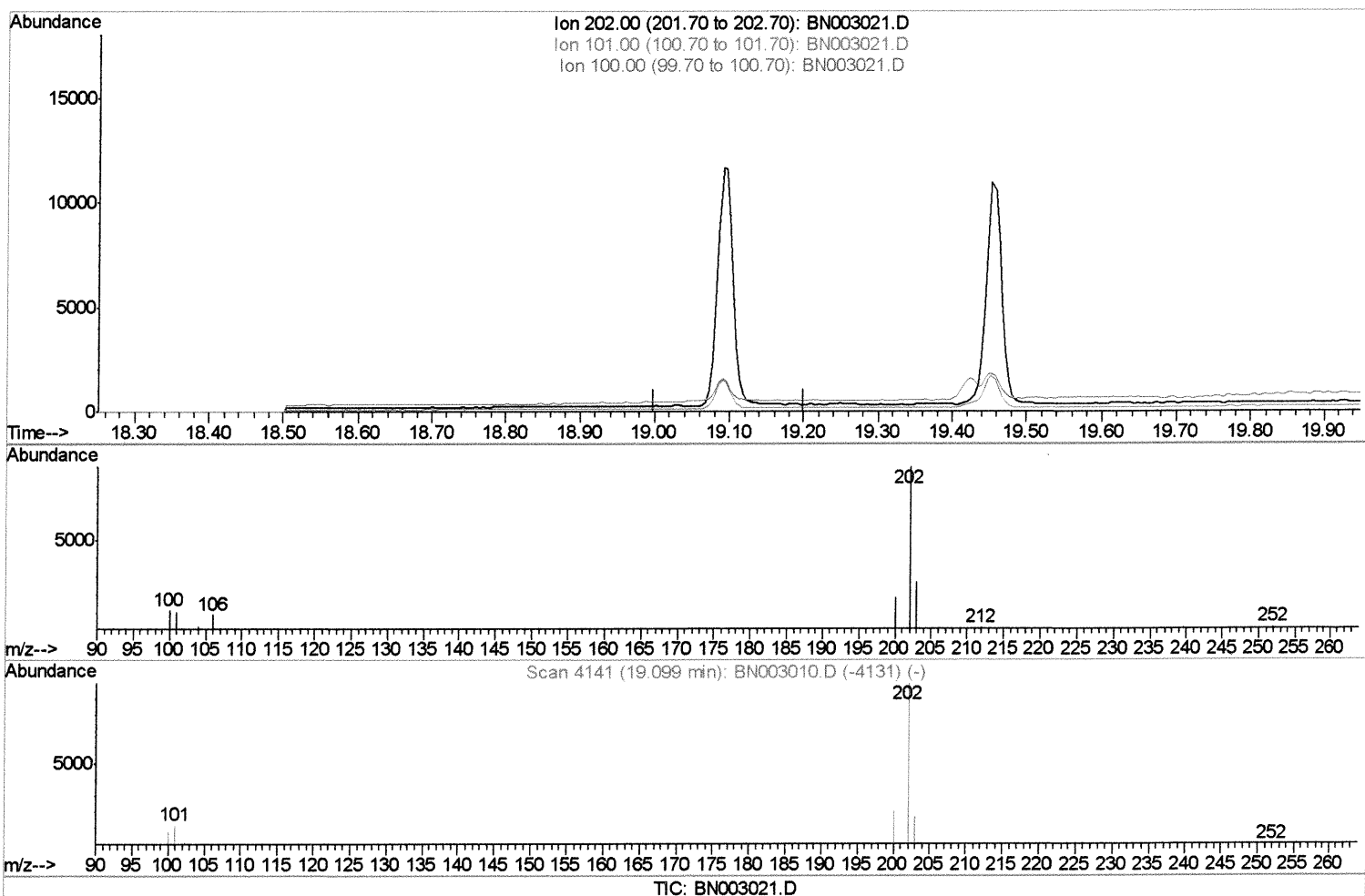
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
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Manual Integrations
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(15) Fluoranthene (C)

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)

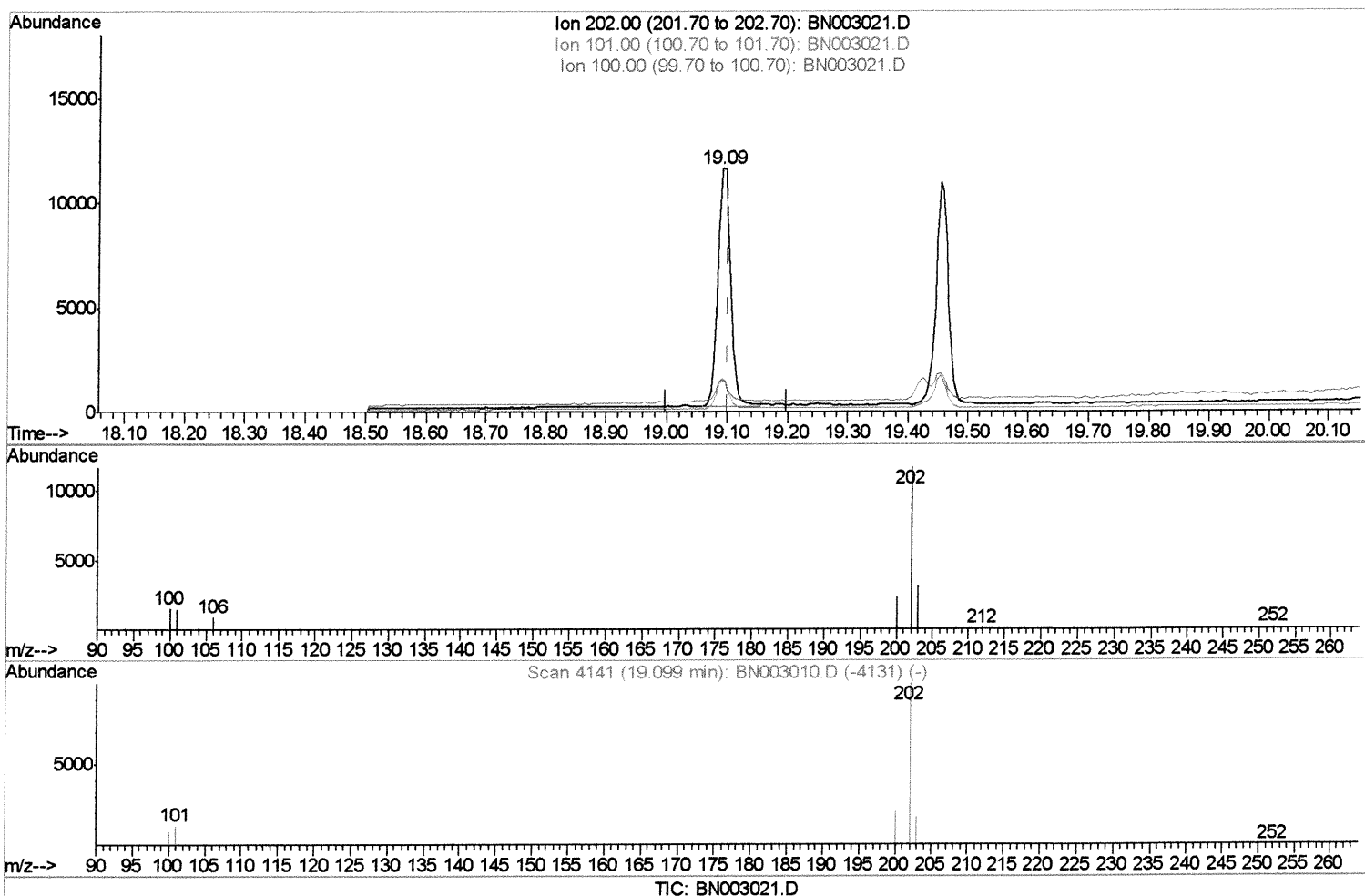
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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Manual Integrations
 APPROVED

Sohil
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(15) Fluoranthene (C)

19.090min (-0.009) 0.67ng/ul m

response 16354

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.36
100.00	9.10	13.77
0.00	0.00	0.00

5/10/10/18

Quantitation Report (Qedit)

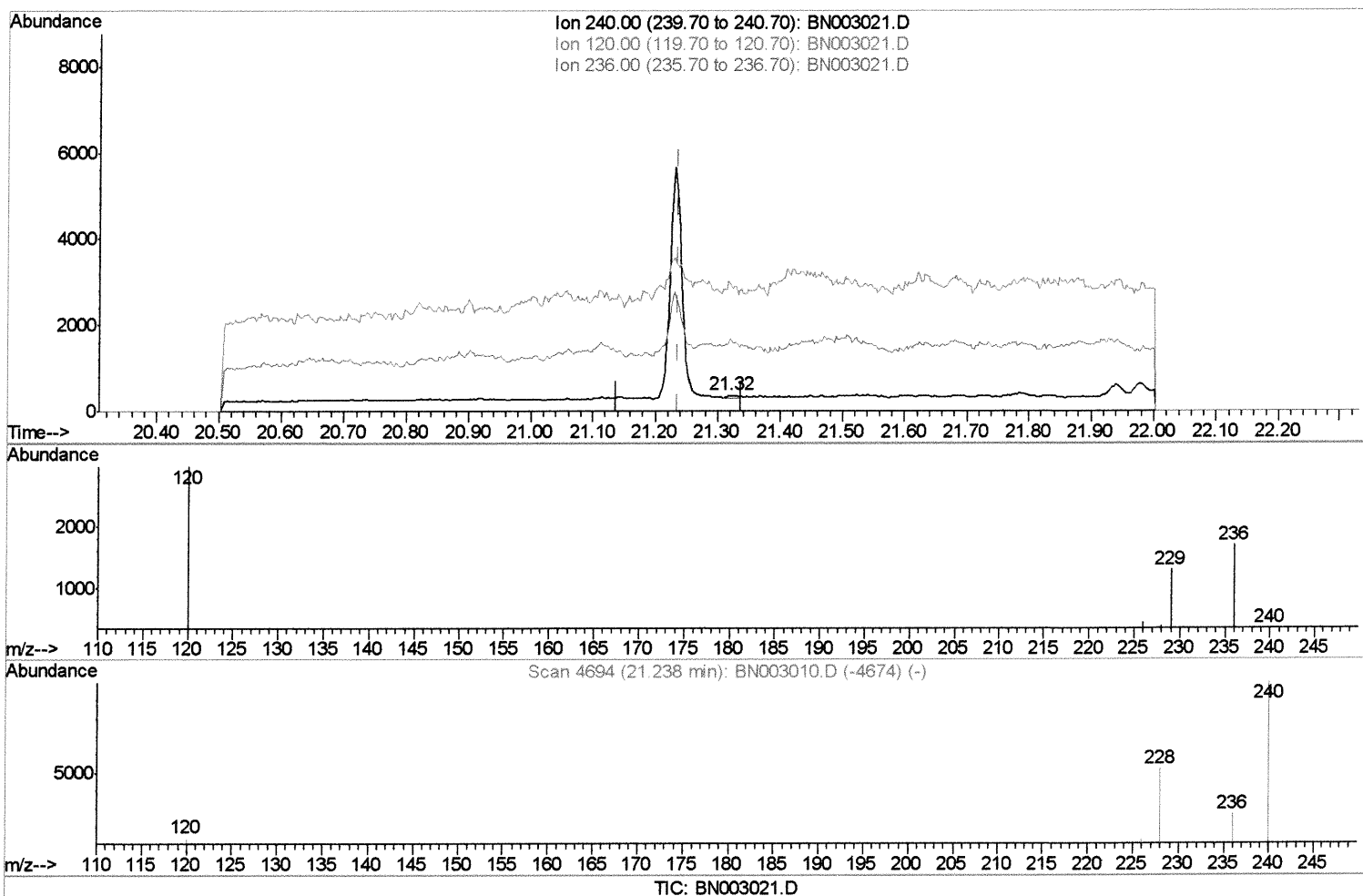
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(16) Chrysene-d12 (I)

21.319min (+0.082) 0.40ng/ul

response 52

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	813.50#
236.00	28.10	465.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

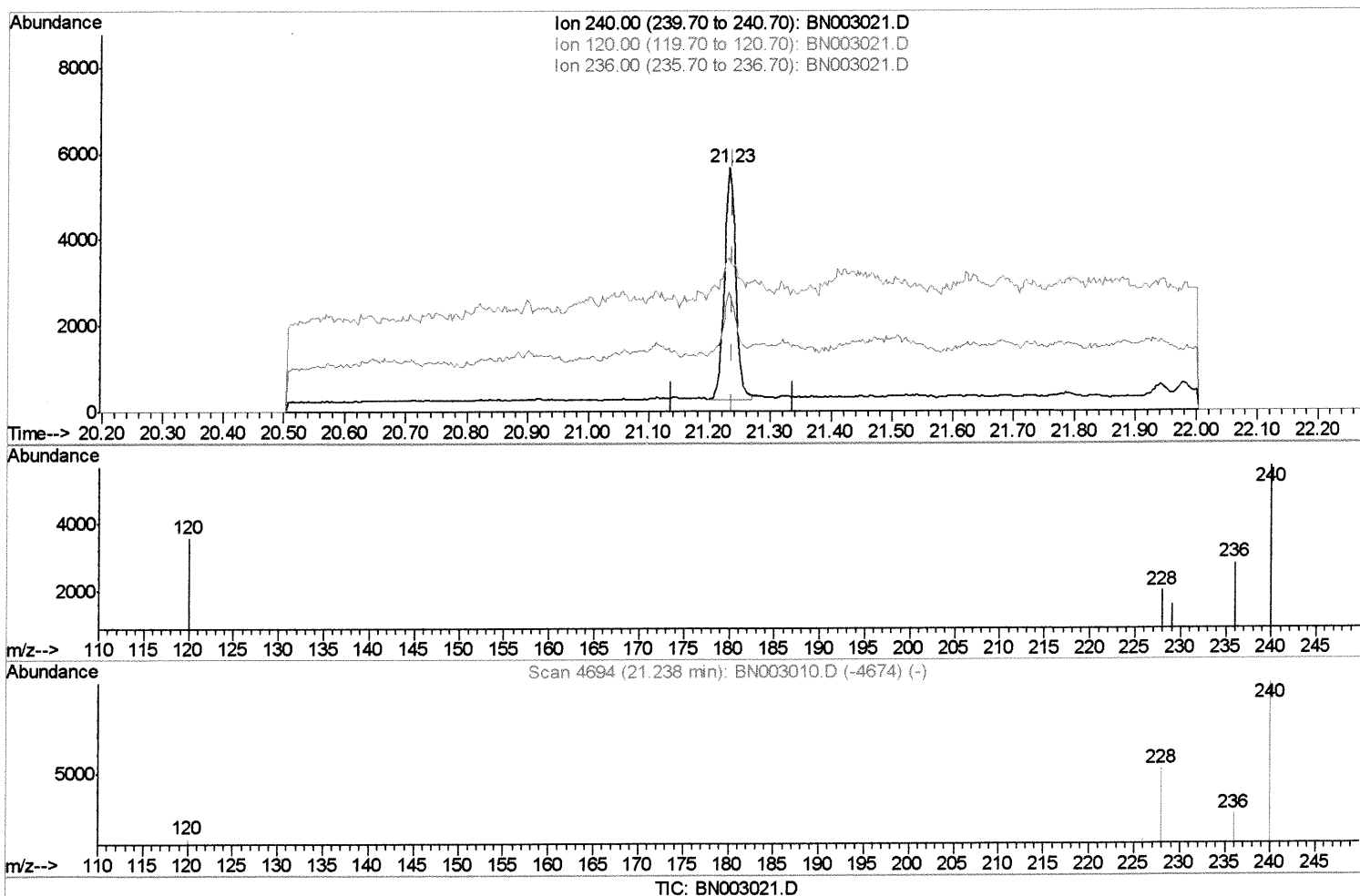
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(16) Chrysene-d12 (I)

21.232min (-0.006) 0.40ng/ul m

response 7030

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	63.20#
236.00	28.10	49.32#
0.00	0.00	0.00

SJ 10/10/18

Quantitation Report (Qedit)

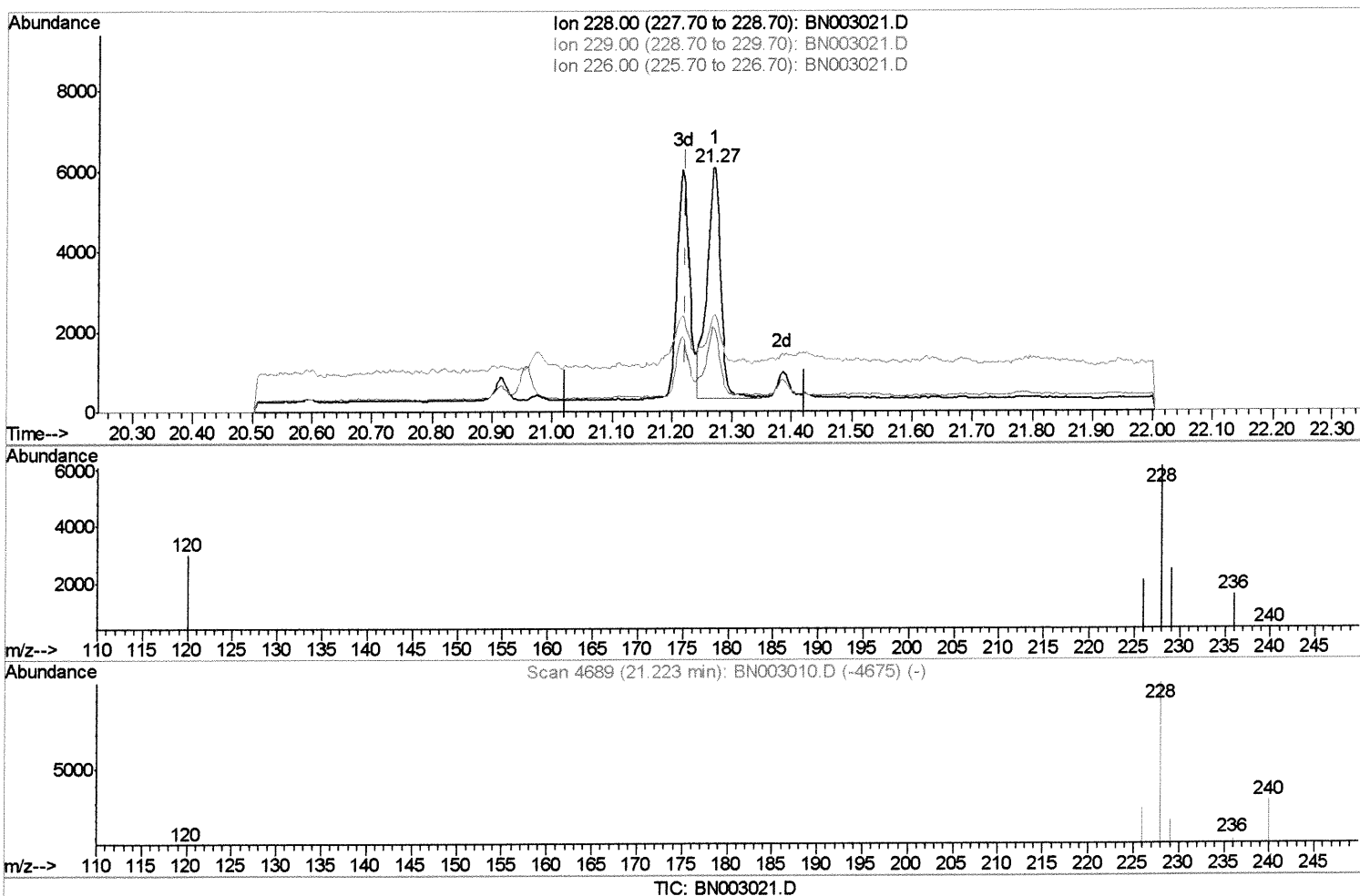
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(18) Benzo(a)anthracene
 21.270min (+0.047) 0.41ng/ul
 response 9327

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	40.13#
226.00	27.90	34.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

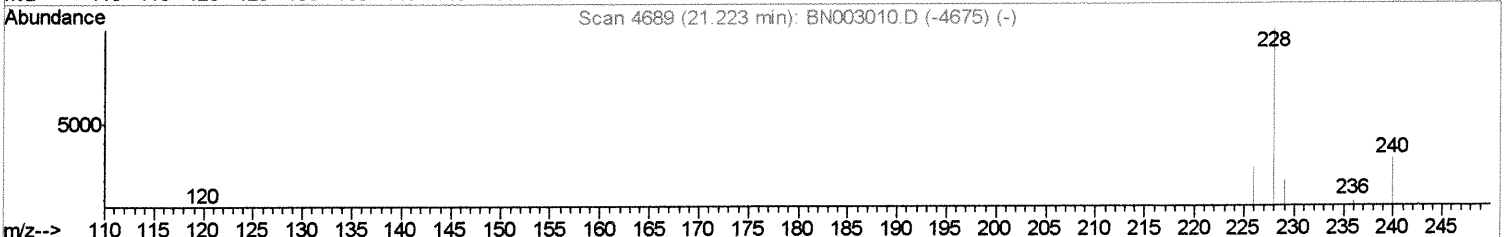
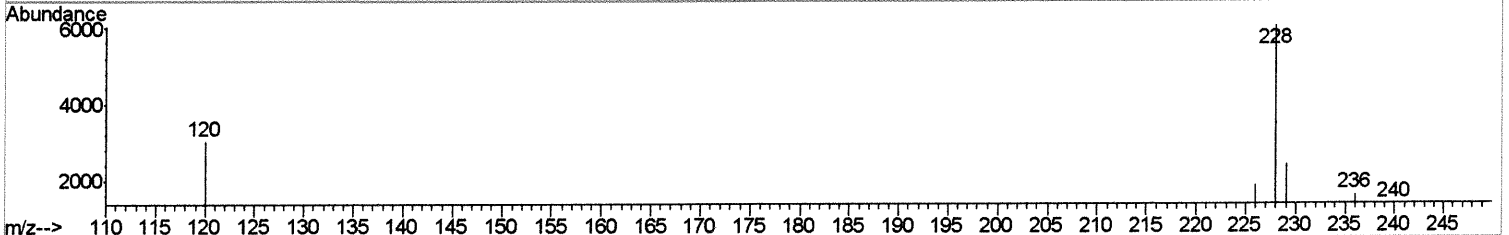
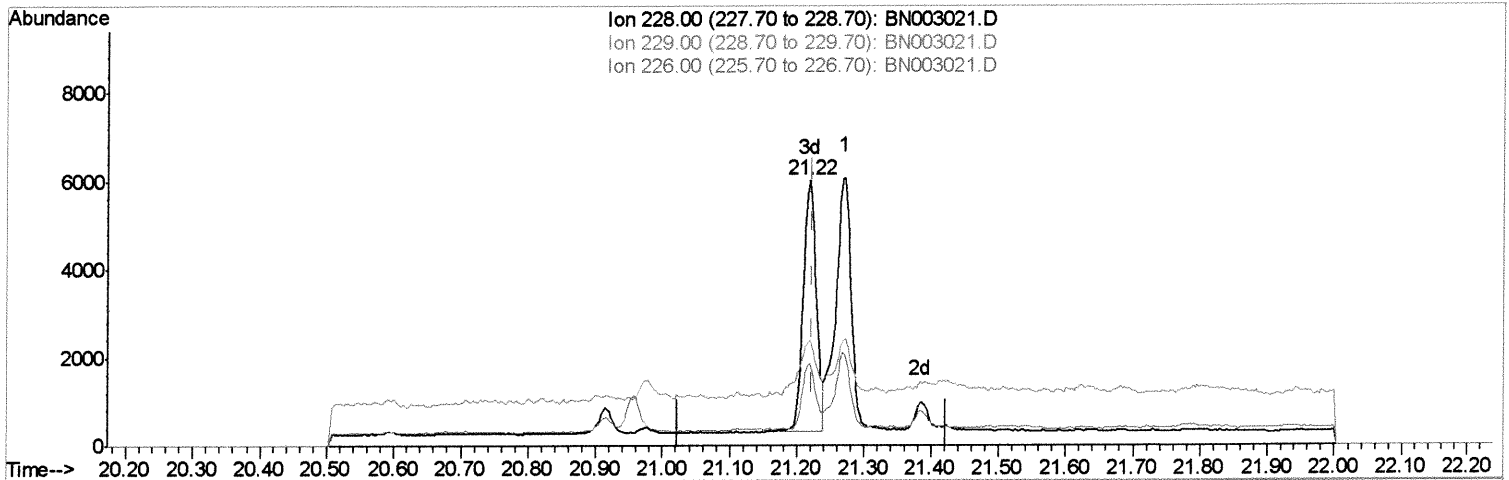
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TIC: BN003021.D

(18) Benzo(a)anthracene

21.217min (-0.006) 0.35ng/ul m

SS 10/10/18

response 7857

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	39.74#
226.00	27.90	31.26
0.00	0.00	0.00

Quantitation Report (Qedit)

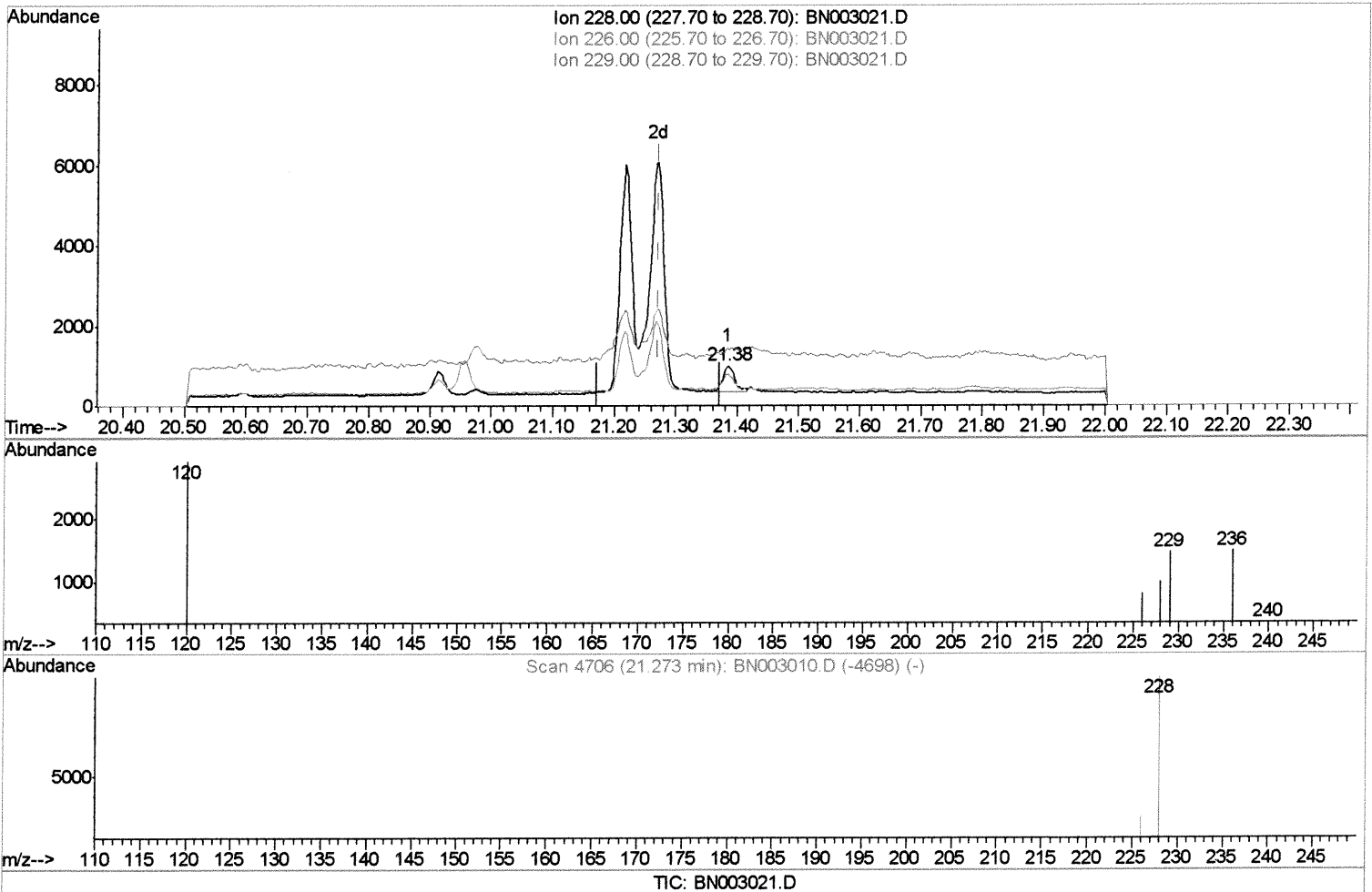
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(19) Chrysene

21.384min (+0.111) 0.04ng/ul

response 864

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	80.42#
229.00	20.90	146.65#
0.00	0.00	0.00

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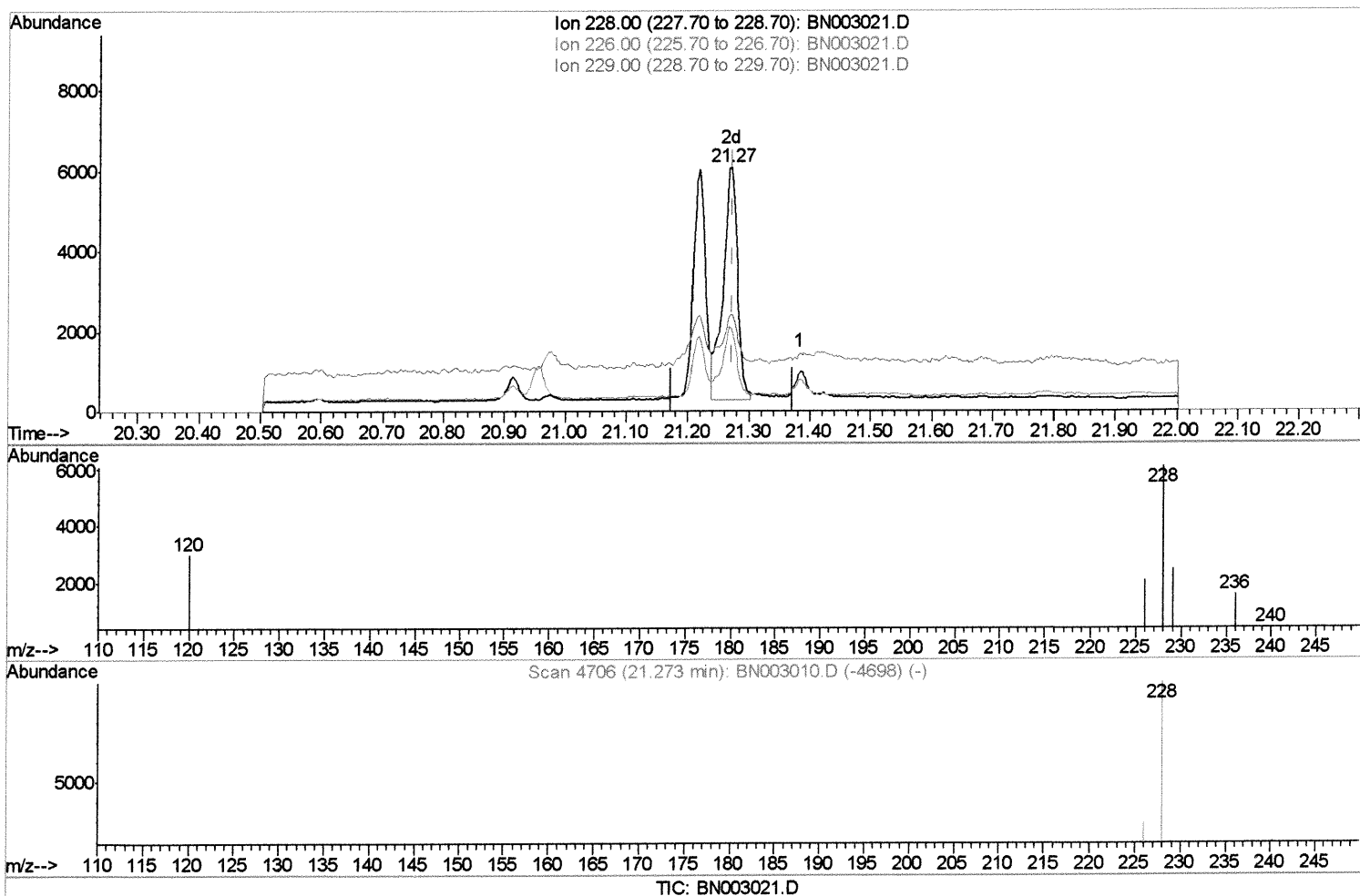
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(19) Chrysene

21.270min (-0.003) 0.42ng/ul m

response 9611

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	34.18
229.00	20.90	40.13#
0.00	0.00	0.00

SJ 10/10/18

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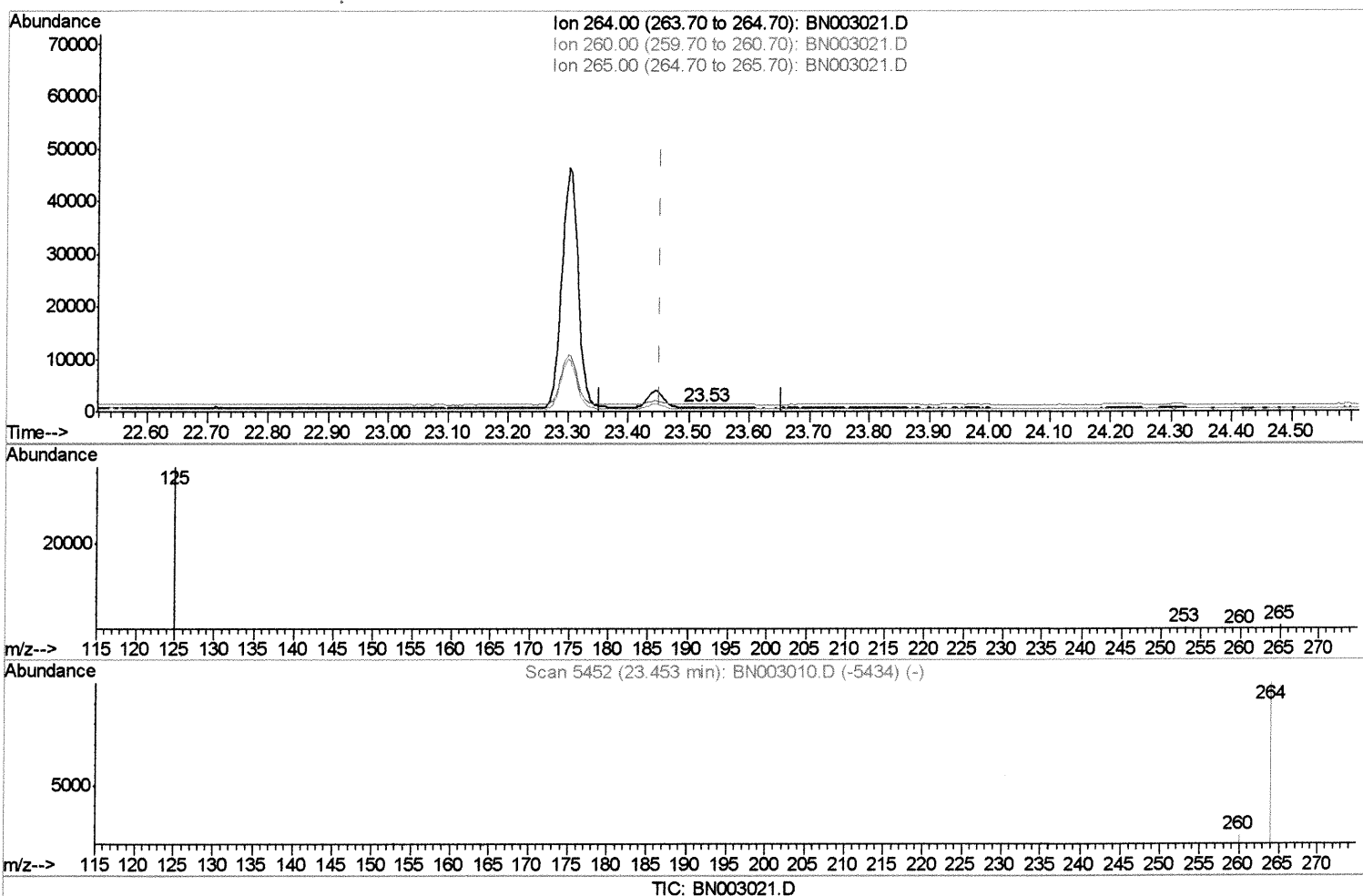
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(20) Perylene-d12 (I)

23.526min (+0.073) 0.40ng/ul

response 680

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	73.26#
265.00	45.40	170.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

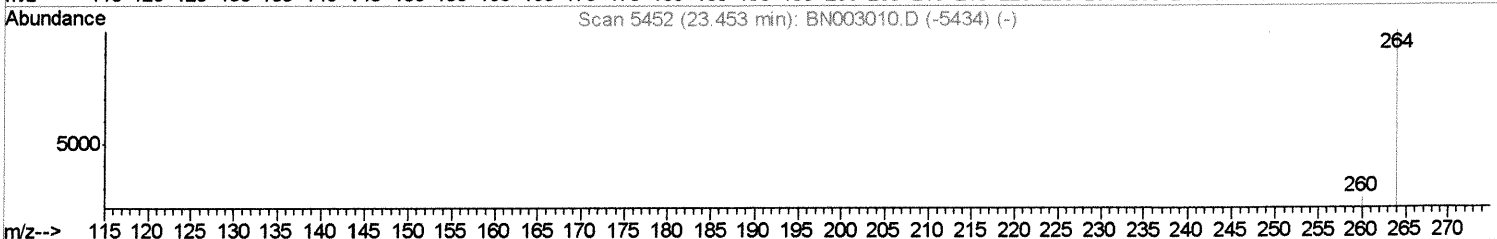
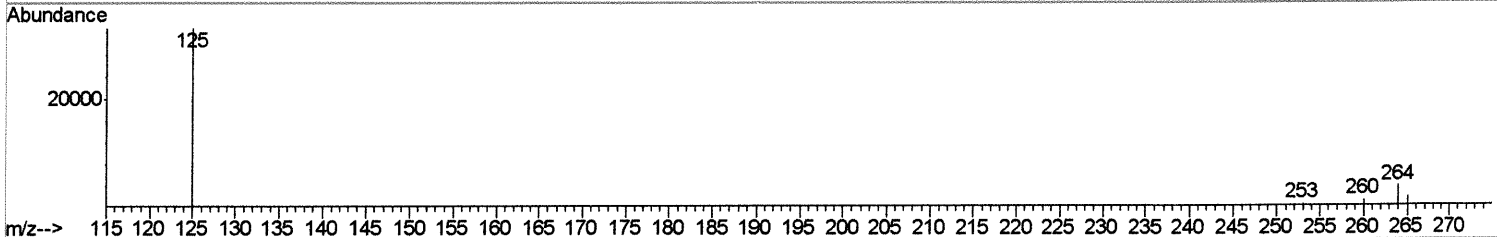
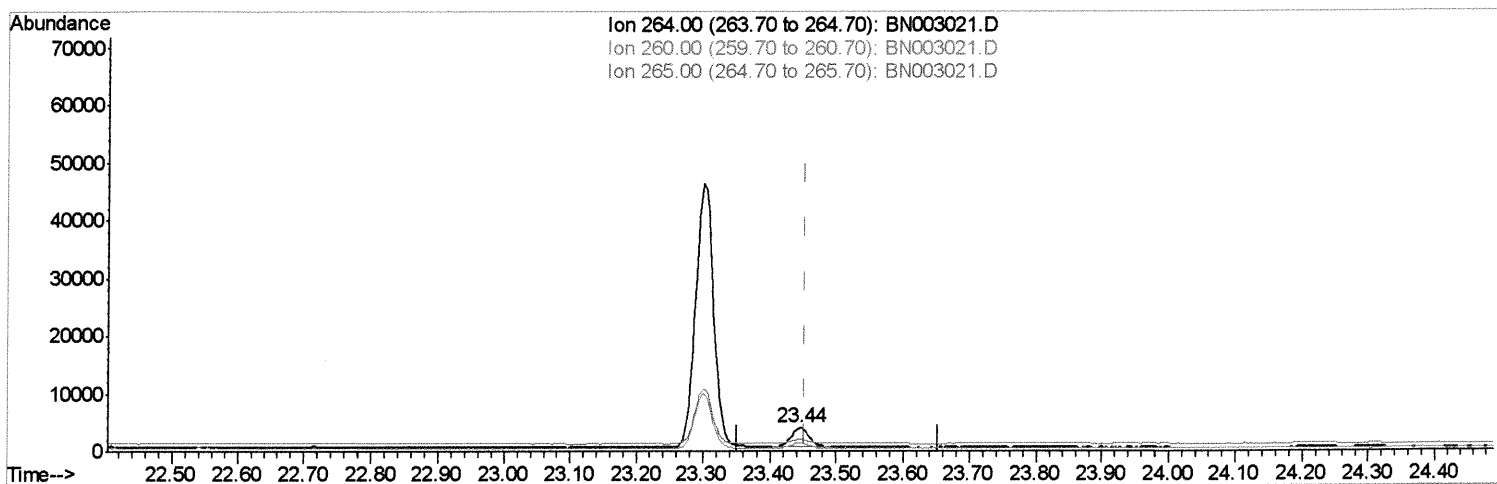
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003021.D
Acq On : 09 Oct 2018 11:55
Operator : MJ/SJ
Sample : J5116-09DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC58DL

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:39:51 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: BN003021.D

(20) Perylene-d12 (I)

23.444min (-0.009) 0.40ng/ul m

response 6267

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	36.44#
265.00	45.40	50.92
0.00	0.00	0.00

5510/10/18

Quantitation Report (Qedit)

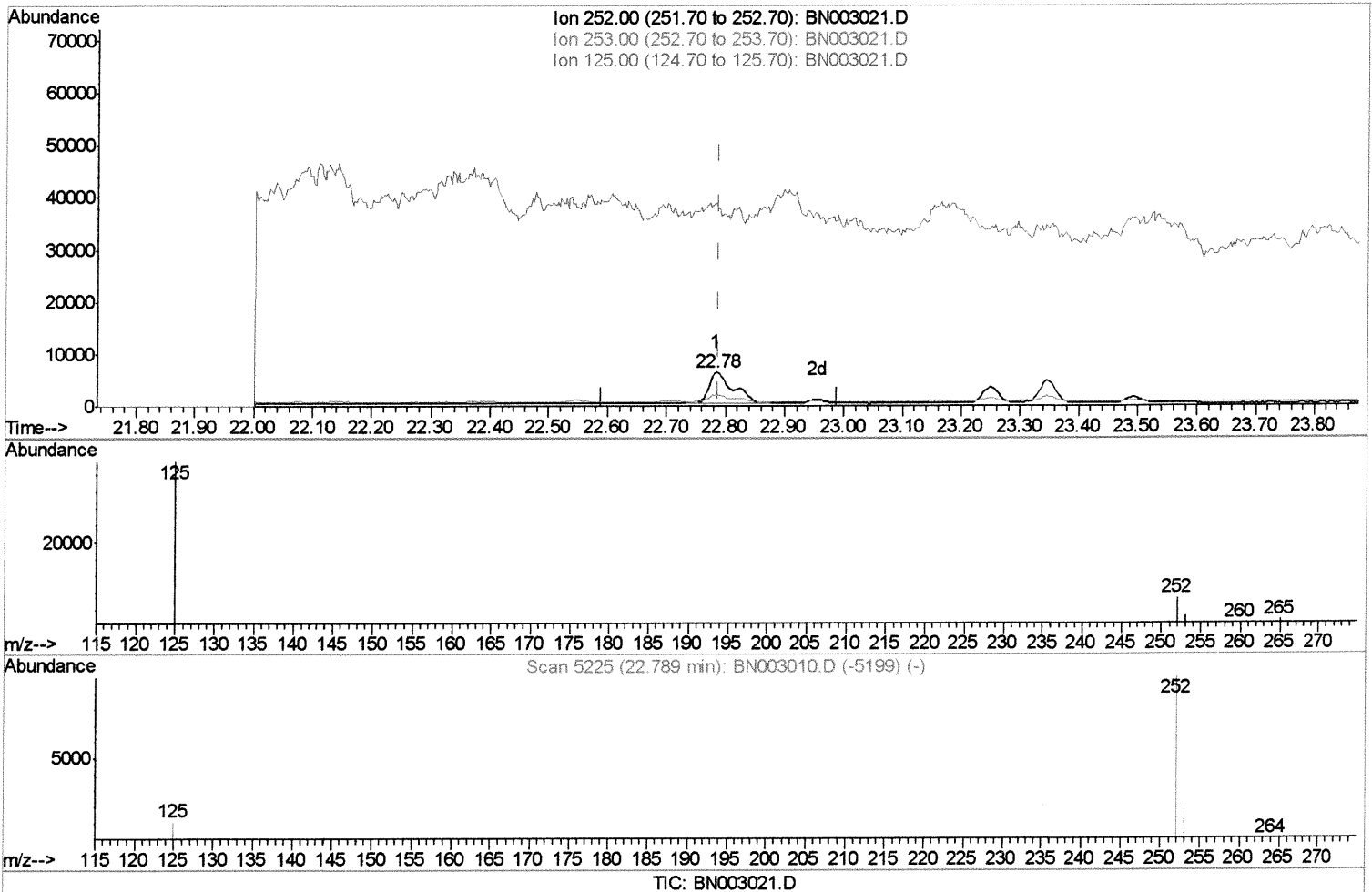
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
 Acq On : 09 Oct 2018 11:55
 Operator : MJ/SJ
 Sample : J5116-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:43:55 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.784min (-0.006) 0.74ng/ul
 response 16719

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.14
125.00	17.10	597.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

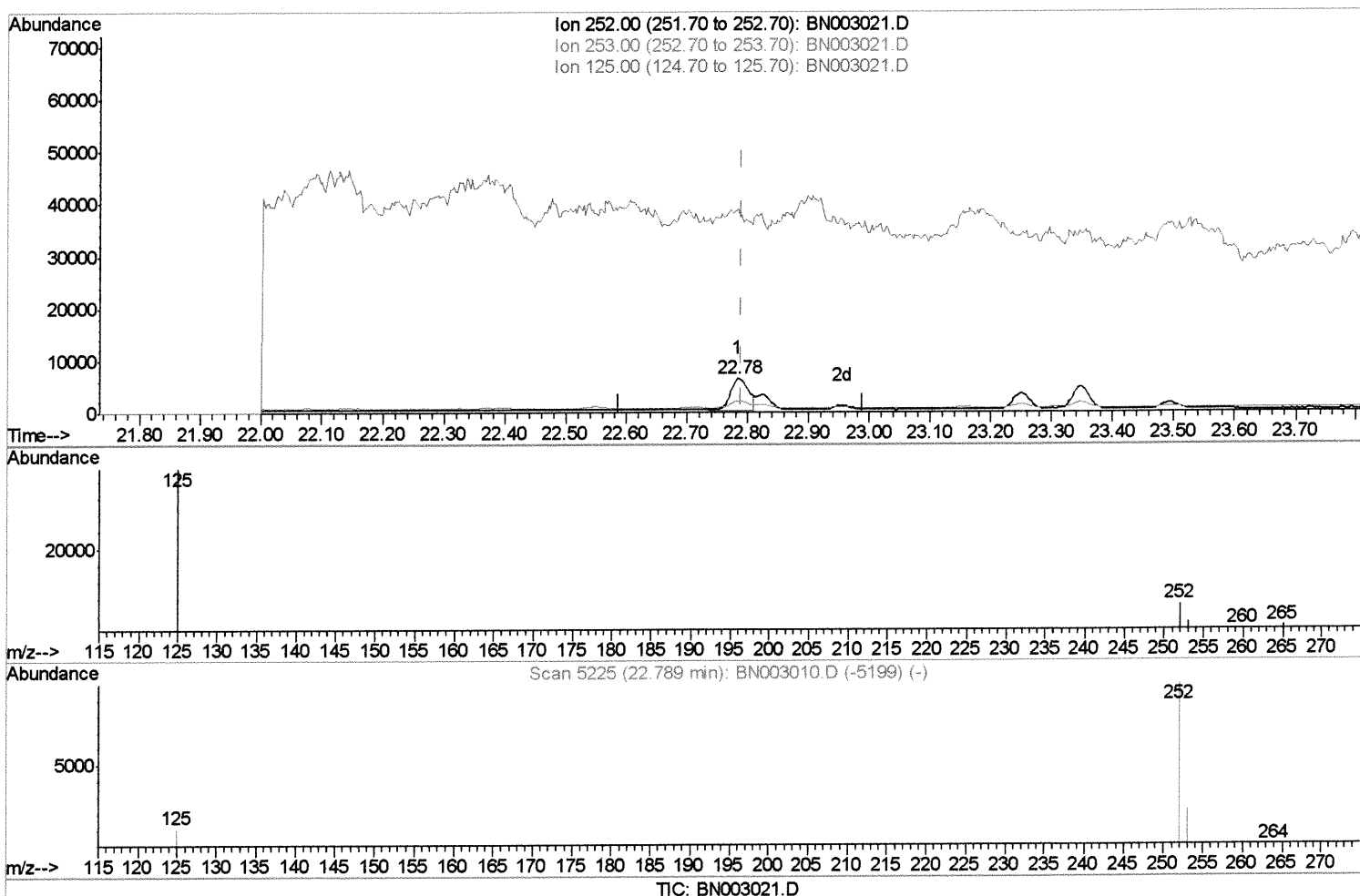
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
 Acq On : 09 Oct 2018 11:55
 Operator : MJ/SJ
 Sample : J5116-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:43:55 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.784min (-0.006) 0.54ng/ul m

response 12185

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.14
125.00	17.10	597.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

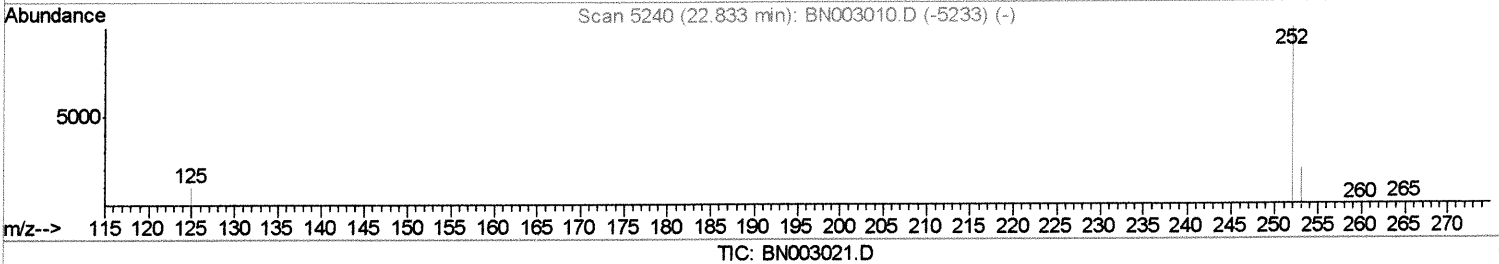
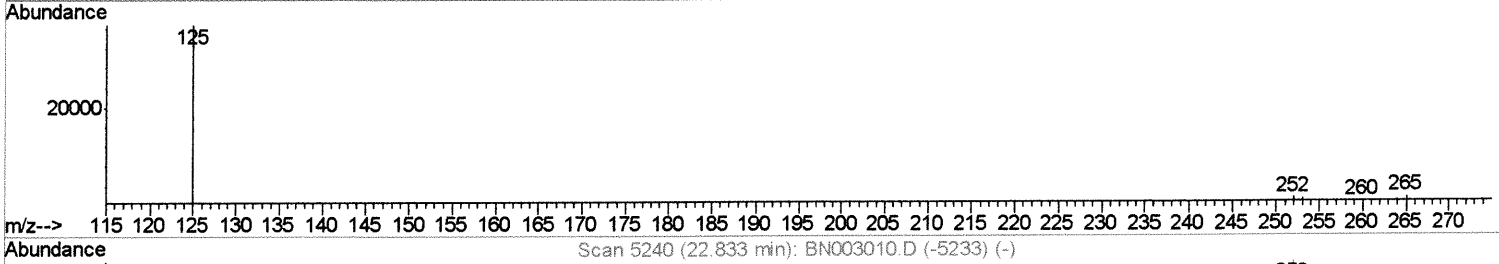
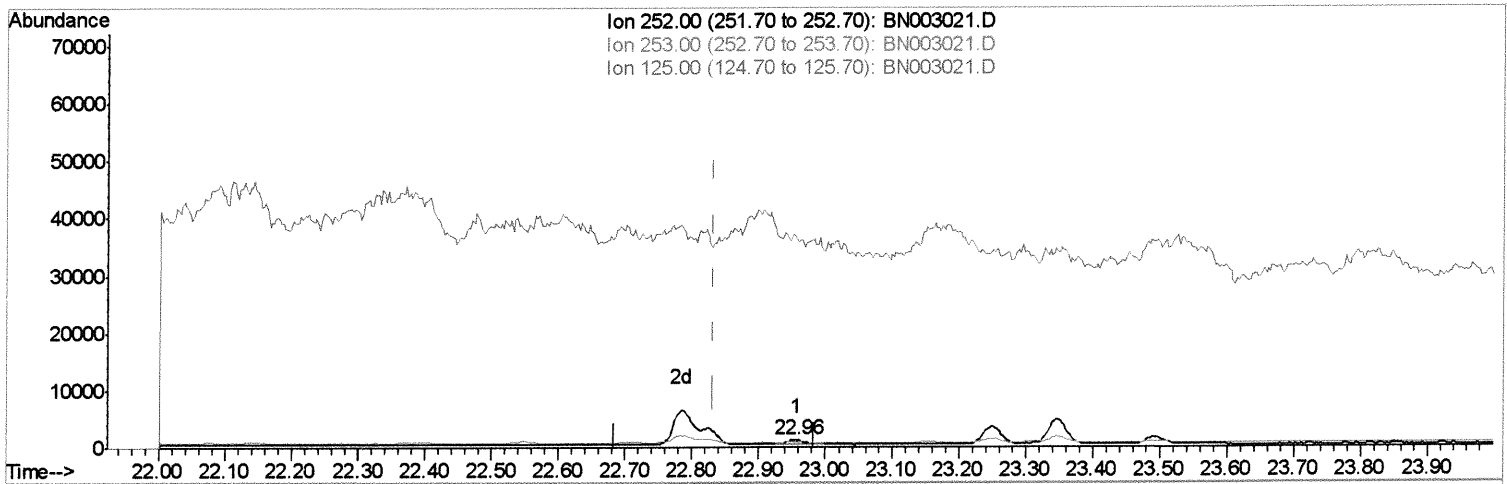
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
 Acq On : 09 Oct 2018 11:55
 Operator : MJ/SJ
 Sample : J5116-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:43:55 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.956min (+0.123) 0.06ng/ul
 response 1397

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	81.25#
125.00	17.60	2732.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

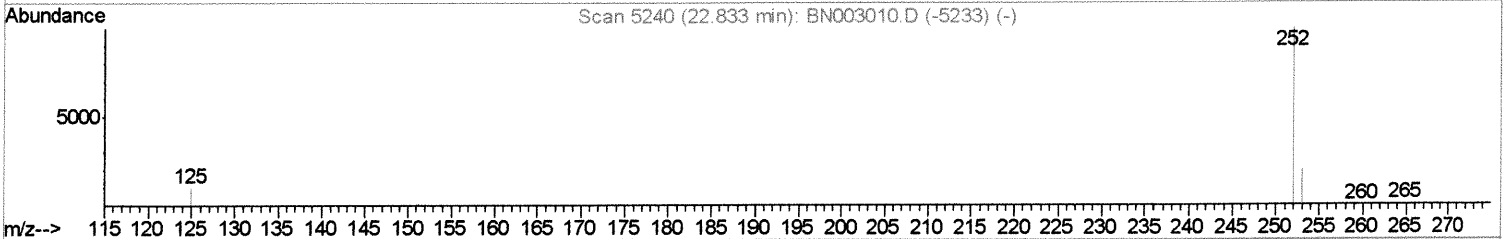
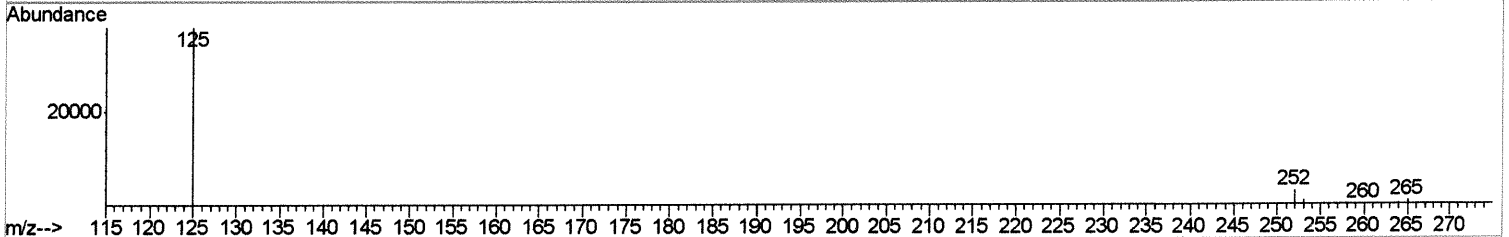
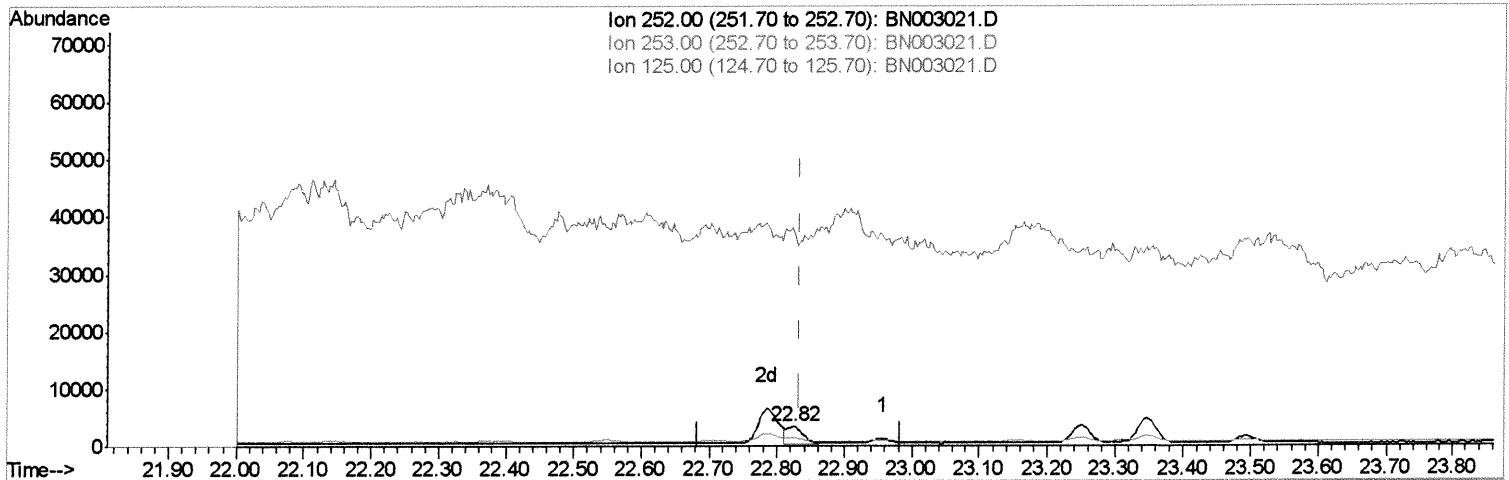
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
 Acq On : 09 Oct 2018 11:55
 Operator : MJ/SJ
 Sample : J5116-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 JLC58DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:43:55 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.824min (-0.009) 0.21ng/ul m

response 4923

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	44.64#
125.00	17.60	1085.76#
0.00	0.00	0.00

SS 10/10/18

Quantitation Report (Qedit)

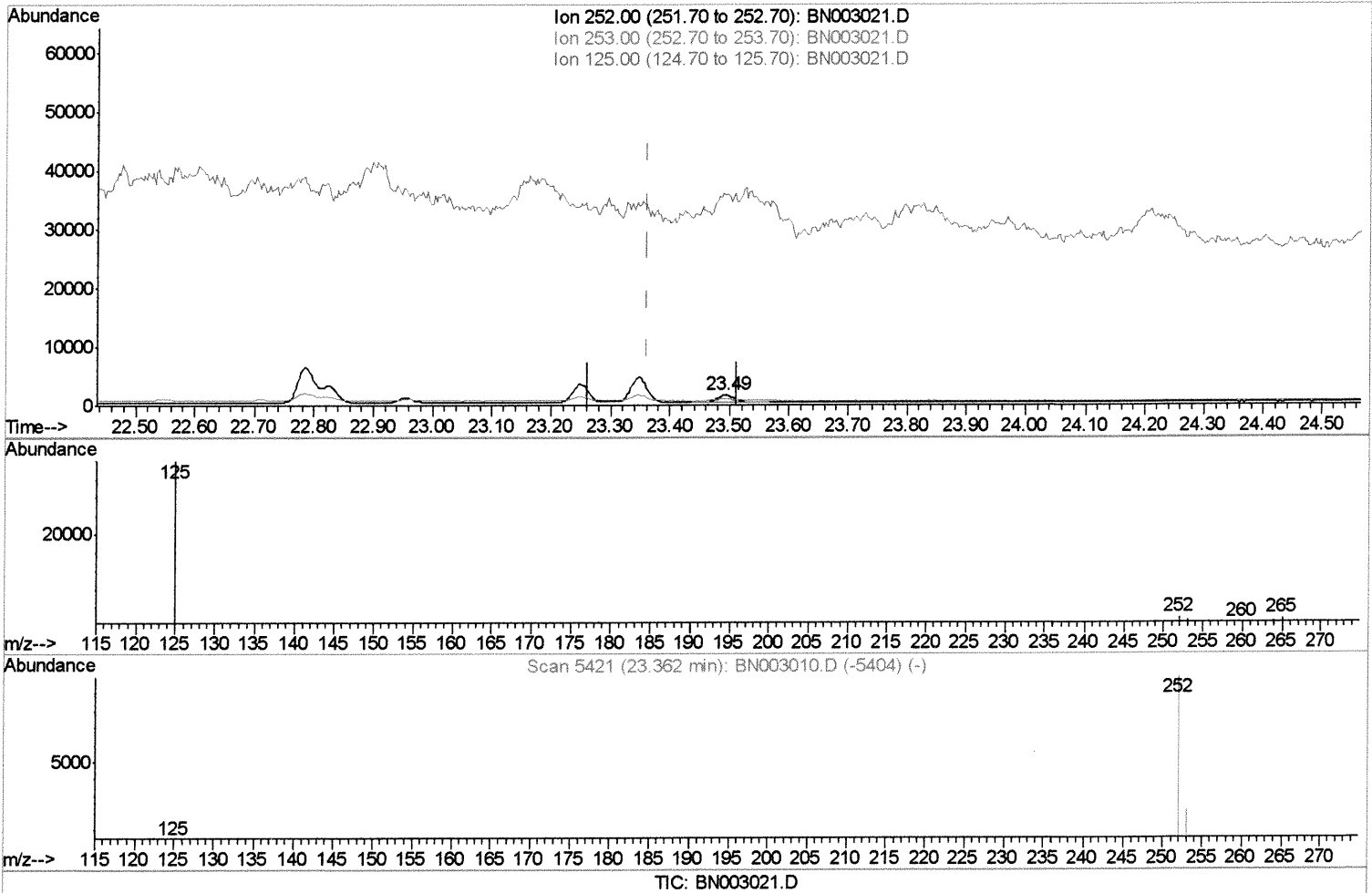
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
 Acq On : 09 Oct 2018 11:55
 Operator : MJ/SJ
 Sample : J5116-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:43:55 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.494min (+0.132) 0.12ng/ul

response 2404

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	67.03#
125.00	21.10	2091.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

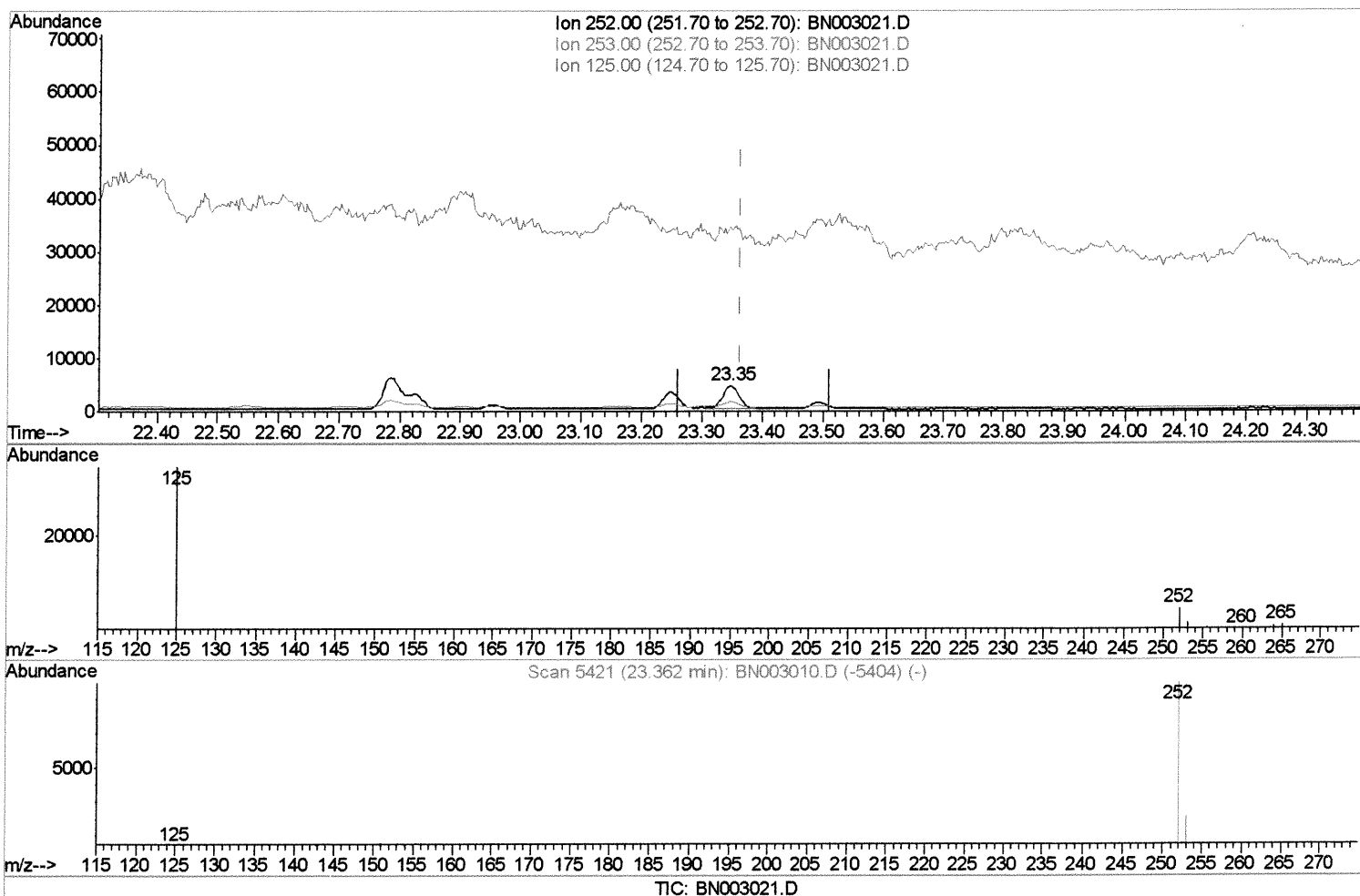
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003021.D
 Acq On : 09 Oct 2018 11:55
 Operator : MJ/SJ
 Sample : J5116-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC58DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:43:55 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.348min (-0.015) 0.40ng/ul m

response 8087

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	37.88#
125.00	21.10	706.01#
0.00	0.00	0.00

SS 10/10/18

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
Data File : BN003021.D
Acq On : 09 Oct 2018 11:55
Operator : MJ/SJ
Sample : J5116-09DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC58DL

Manual Integrations
APPROVED

Sohil
10/9/2018 5:38:36 PM

Quant Time: Oct 09 12:45:55 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 : 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	7.64	152	1202	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	5153	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	3067	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7429m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	7030m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	6267m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.03	152	508	0.06	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	1348m	0.06	ng/ul	0.00

Target Compounds

					Qvalue	
3) Naphthalene	10.46	128	423	0.032	ng/ul#	57
8) Acenaphthene	14.33	153	583	0.055	ng/ul	86
9) Fluorene	15.33	166	335	0.027	ng/ul#	28
12) Phenanthrene	17.06	178	6941m	0.335	ng/ul	
13) Anthracene	17.16	178	1373m	0.070	ng/ul	
15) Fluoranthene	19.09	202	16354m	0.673	ng/ul	
17) Pyrene	19.45	202	15224	0.558	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	7857m	0.347	ng/ul	
19) Chrysene	21.27	228	9611m	0.418	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	12185m	0.540	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4923m	0.210	ng/ul	
23) Benzo(a)pyrene	23.35	252	8087m	0.400	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	5163	0.222	ng/ul#	49
26) Benzo(g,h,i)perylene	26.34	276	4835	0.247	ng/ul#	1

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