

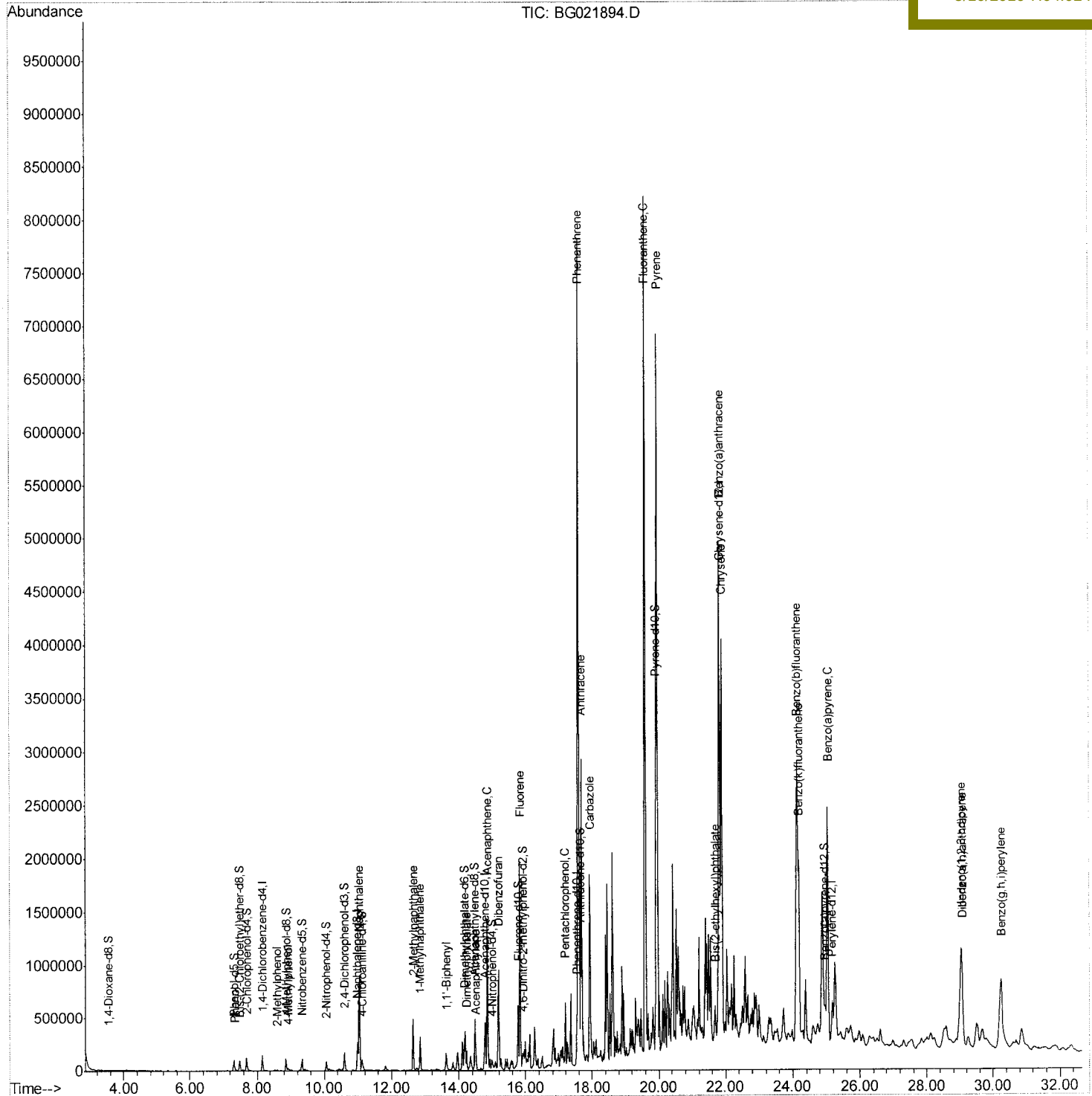
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051516\
Data File : BG021894.D
Acq On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 16 14:20:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampled :
D9XG1

Manual Integrations
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Quantitation Report (Qedit)

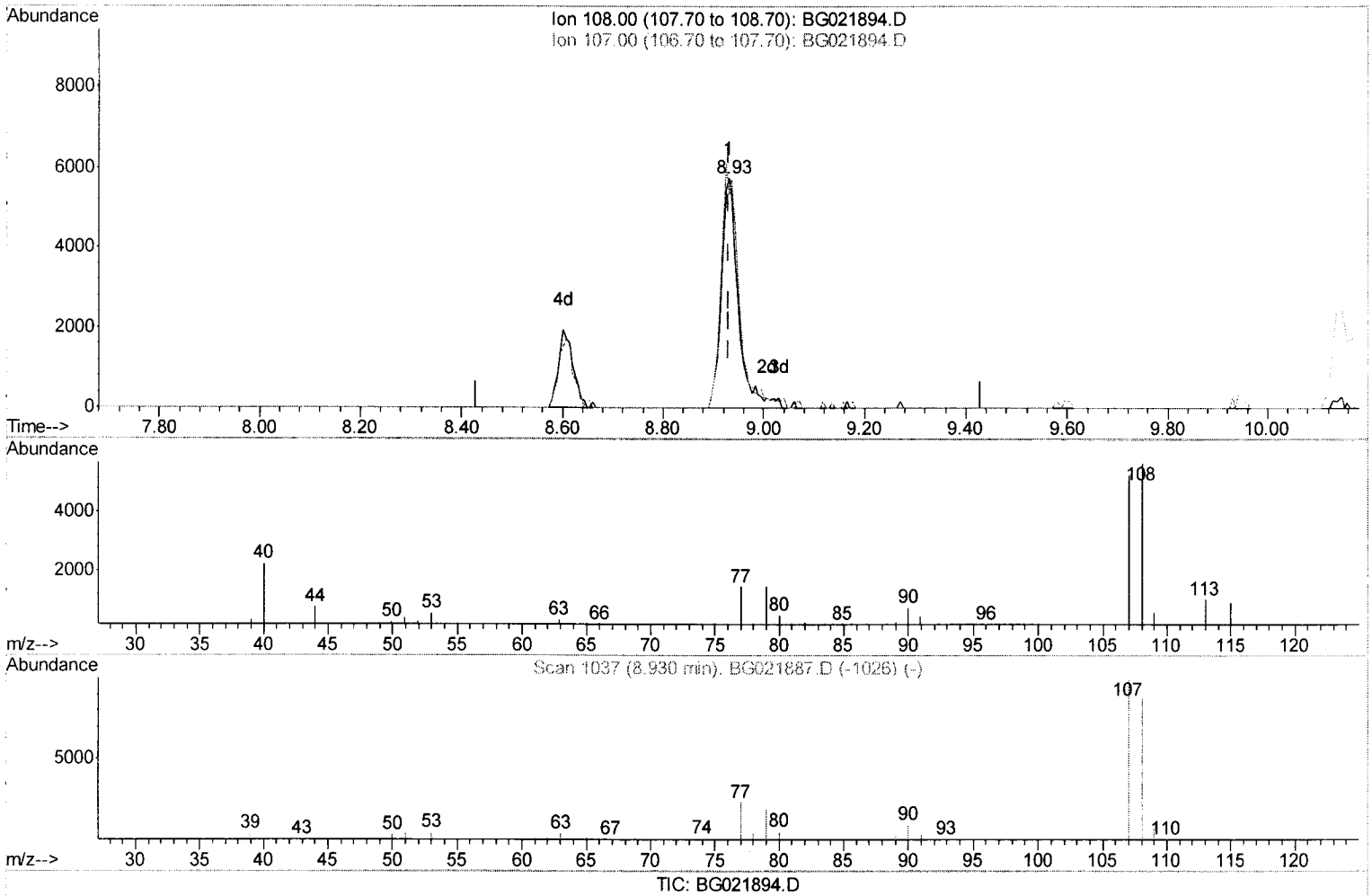
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(16) 4-Methylphenol

8.930min (+0.001) 3.18ng/ul m

response 13222

Ion	Exp%	Act%
108.00	100	100
107.00	99.70	92.87
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 05/17/16

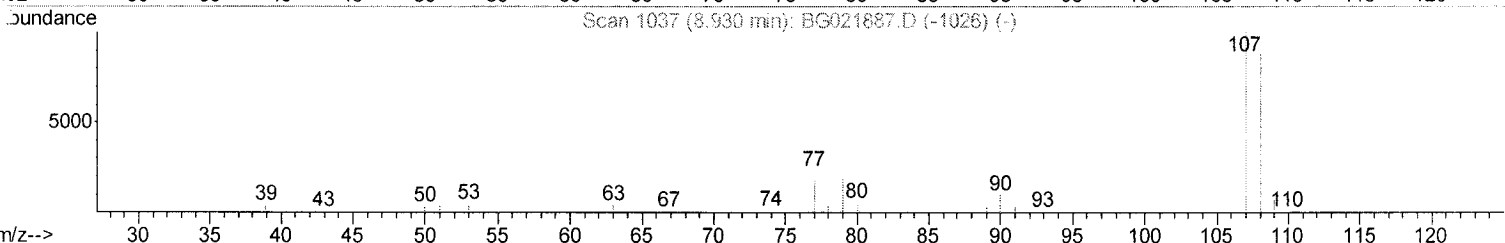
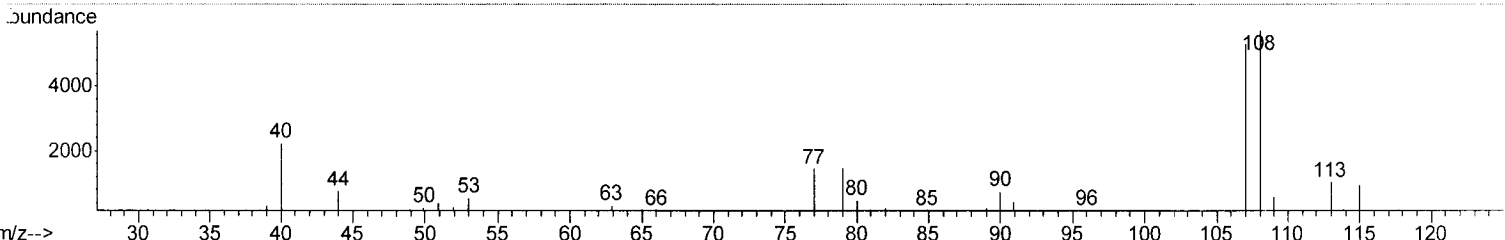
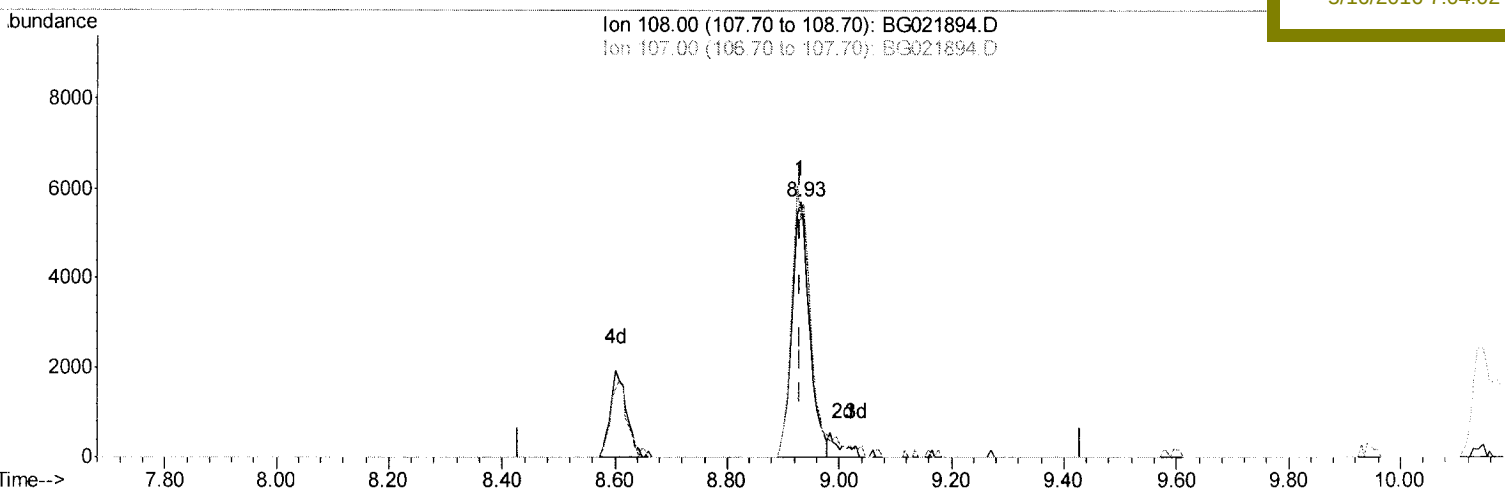
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BG021894.D

(16) 4-Methylphenol

8.930min (+0.001) 2.98ng/ul

response 12377

Ion	Exp%	Act%
108.00	100	100
107.00	99.70	92.87
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

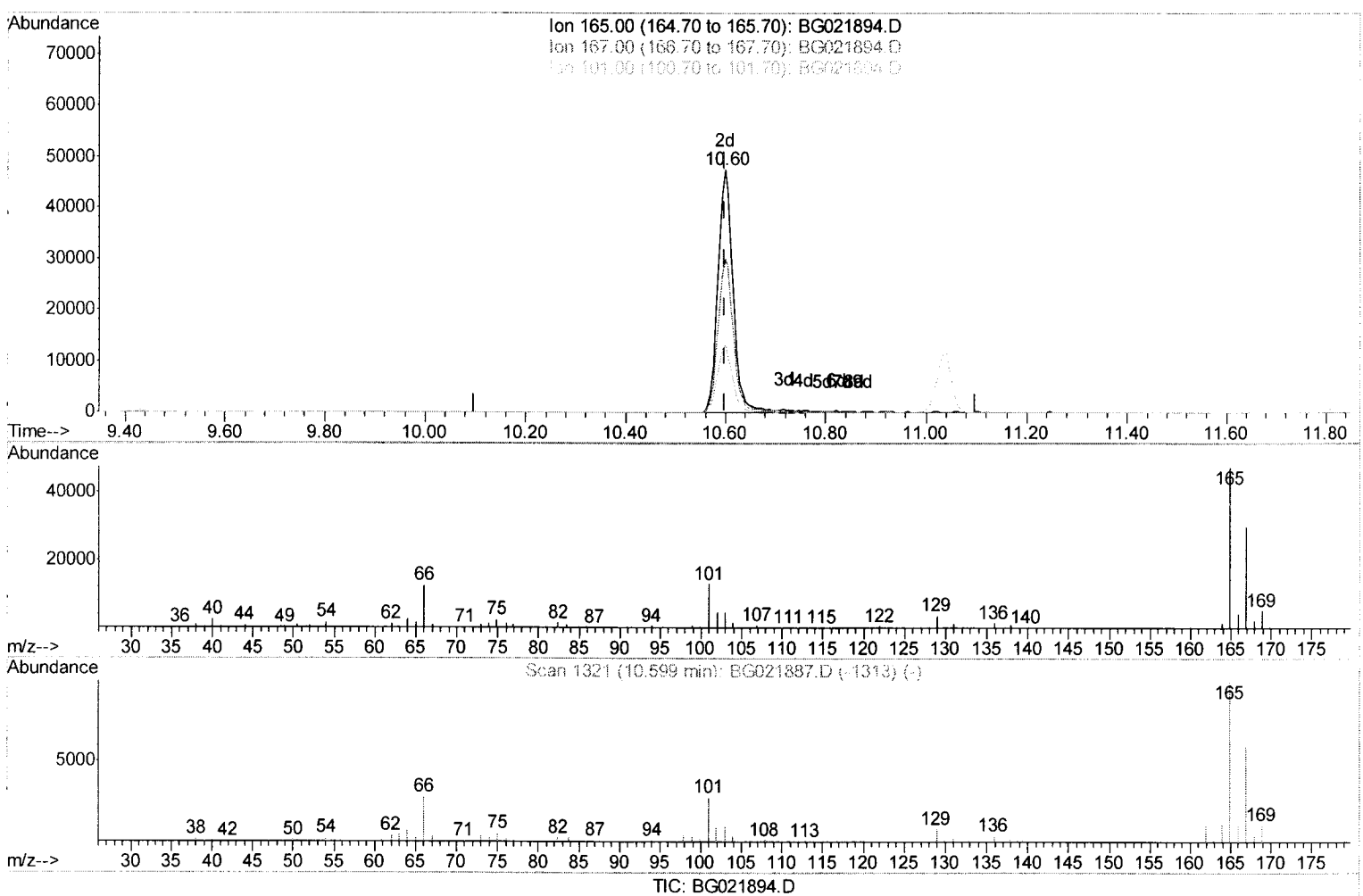
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.599min (+0.001) 26.51ng/ul m U.M
 response 98596 05/17/16

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	62.99
101.00	41.00	27.54#
0.00	0.00	0.00

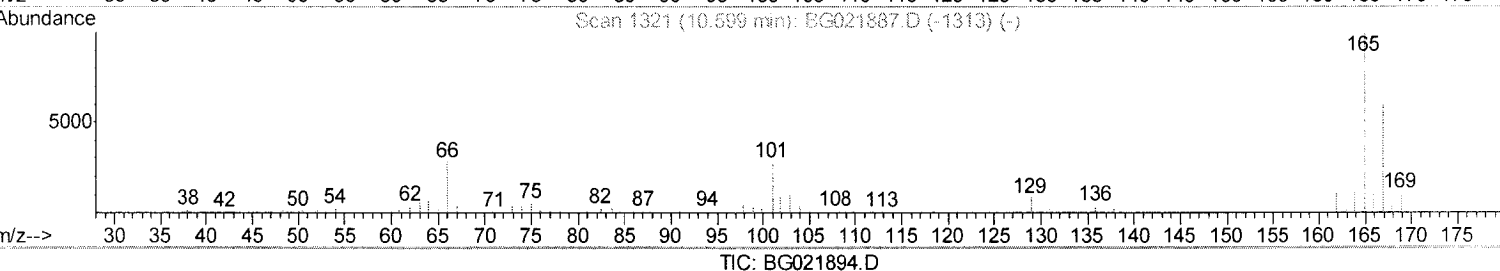
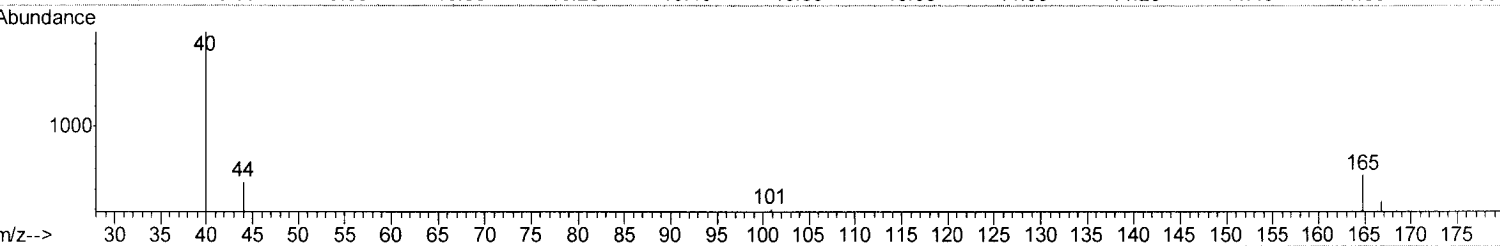
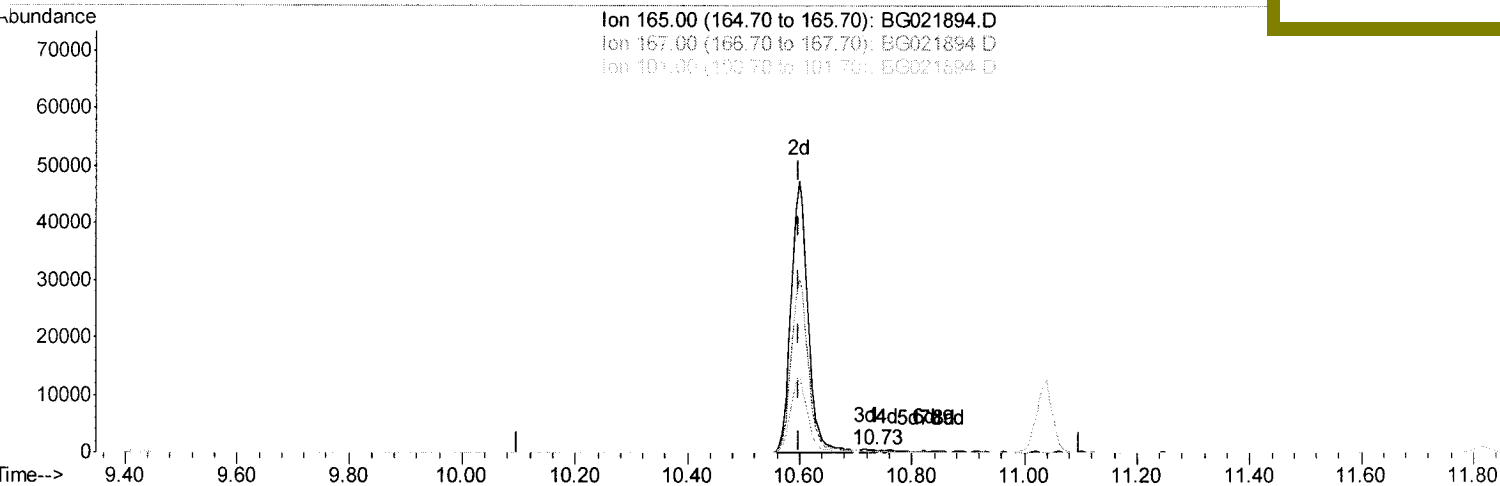
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021894.D
Acq On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1

Quant Time: May 16 01:29:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Manual Integrations
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(26) 2,4-Dichlorophenol-d3 (S)

10.734min (+0.136) 0.05ng/ul

response 204

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	54.77
101.00	41.00	38.32
0.00	0.00	0.00

Quantitation Report (Qedit)

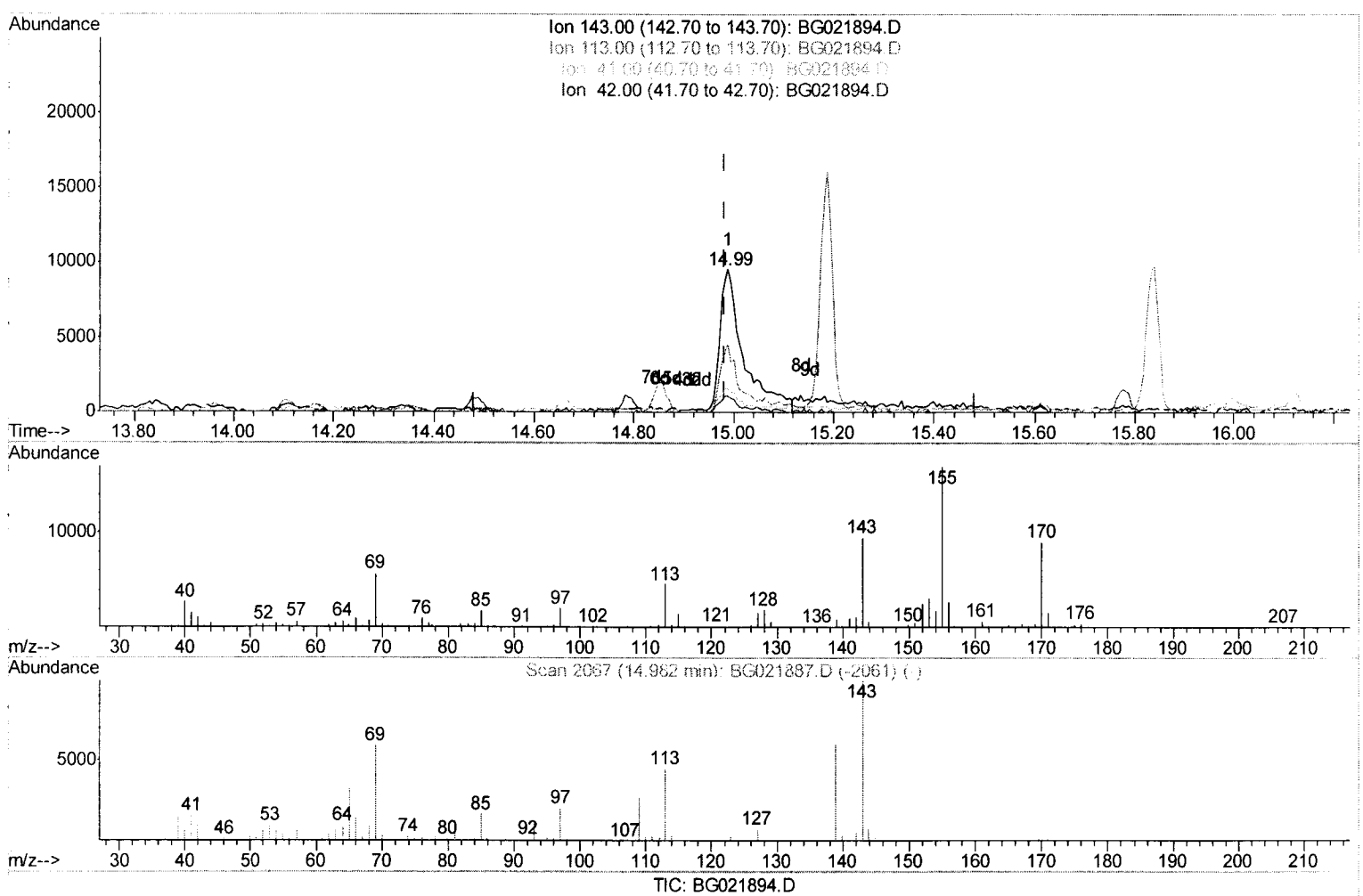
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(52) 4-Nitrophenol-d4 (S)

14.988min (+0.006) 14.35ng/ul m UM

response 31813

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	48.47#
41.00	49.70	17.13#
42.00	33.70	11.95#

05/17/16

Quantitation Report (Qedit)

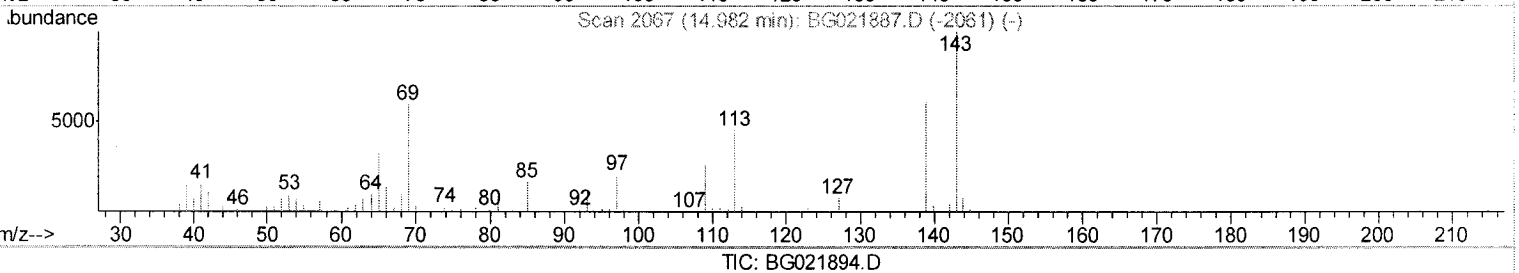
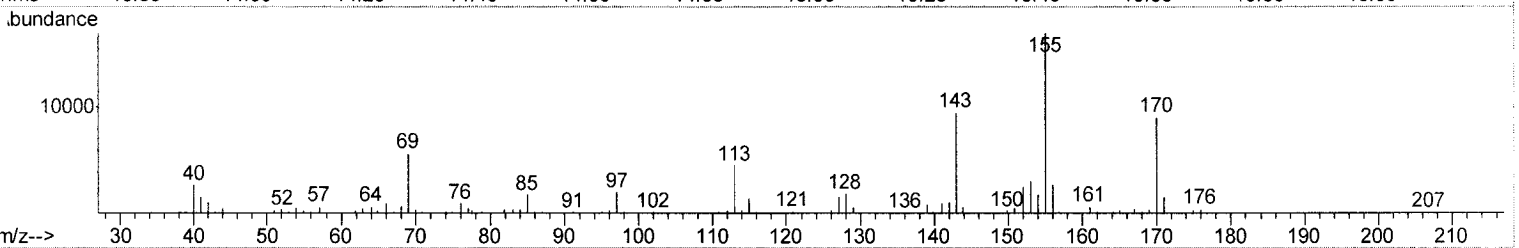
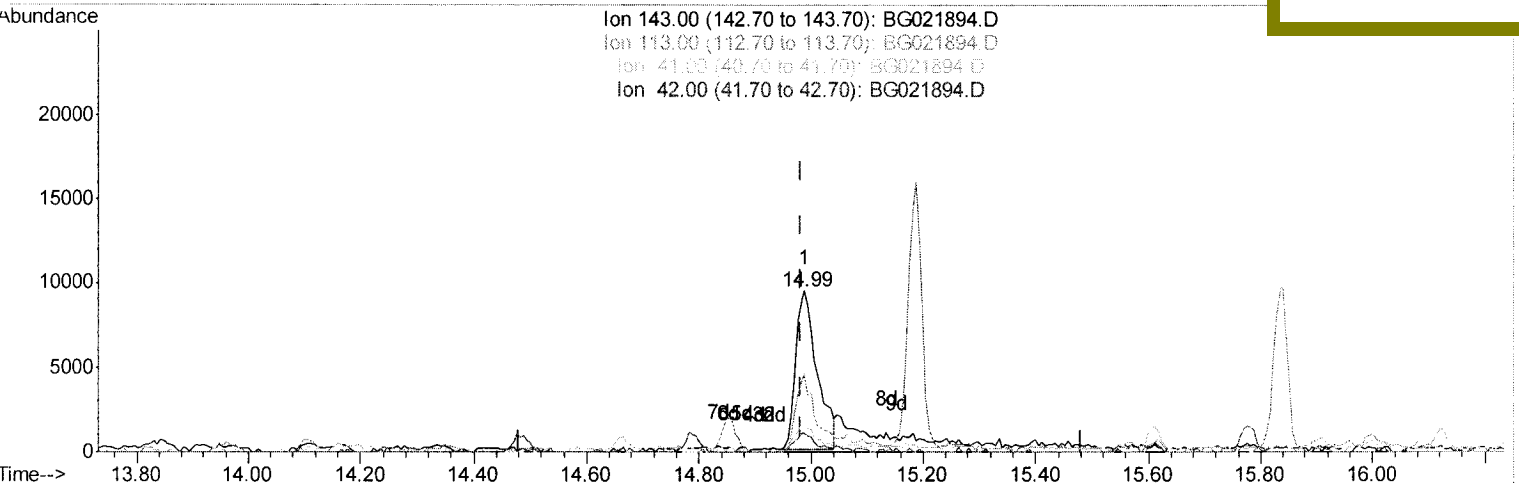
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(52) 4-Nitrophenol-d4 (S)

14.988min (+0.006) 11.16ng/ul

response 24744

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	48.47#
41.00	49.70	17.13#
42.00	33.70	11.95#

Quantitation Report (Qedit)

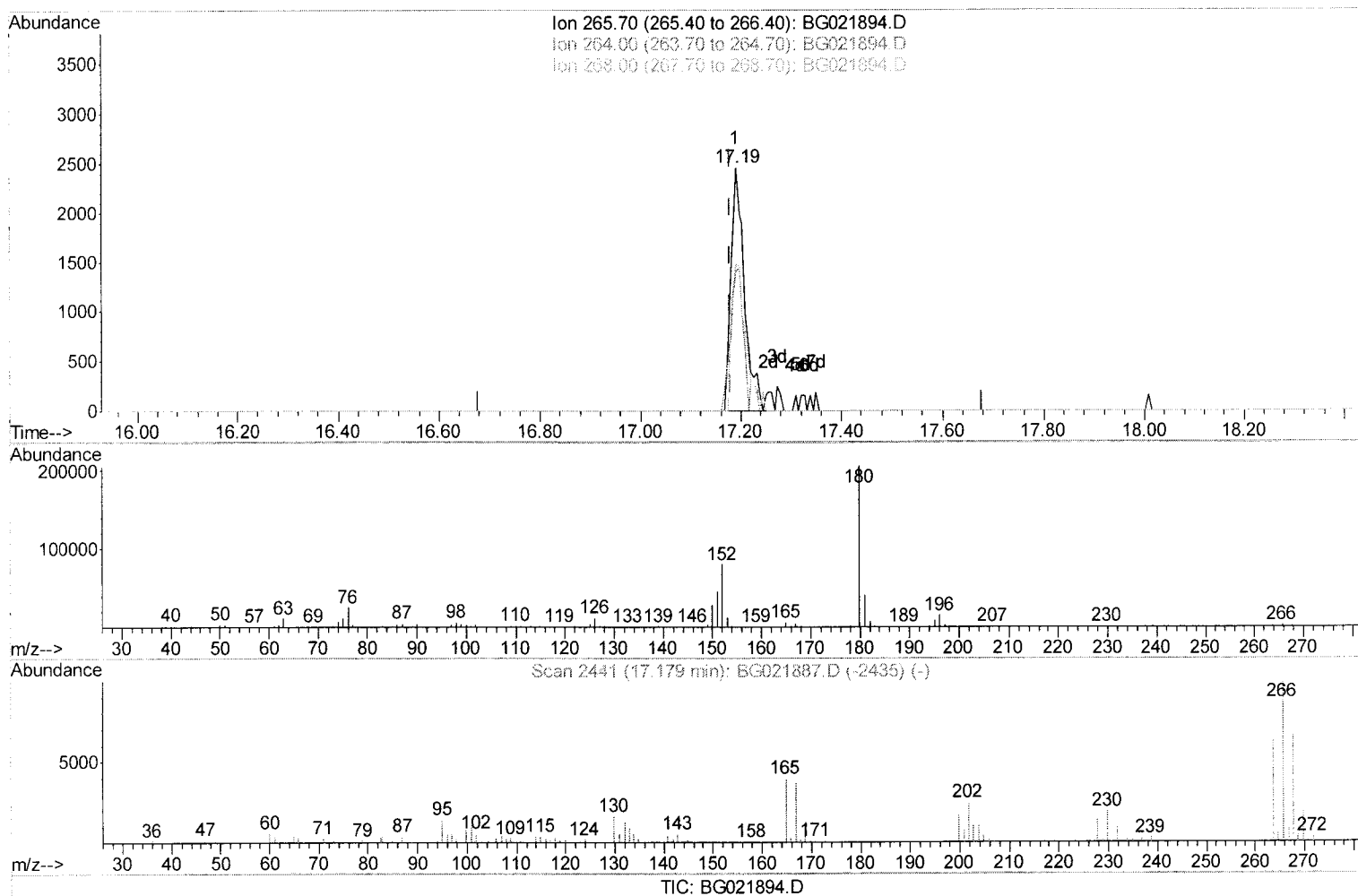
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(69) Pentachlorophenol (C)

17.191min (+0.012) 2.64ng/ul m

response 4584

Ion Exp% Act%

265.70 100 100

264.00 70.90 57.68

268.00 63.30 60.24

0.00 0.00 0.00

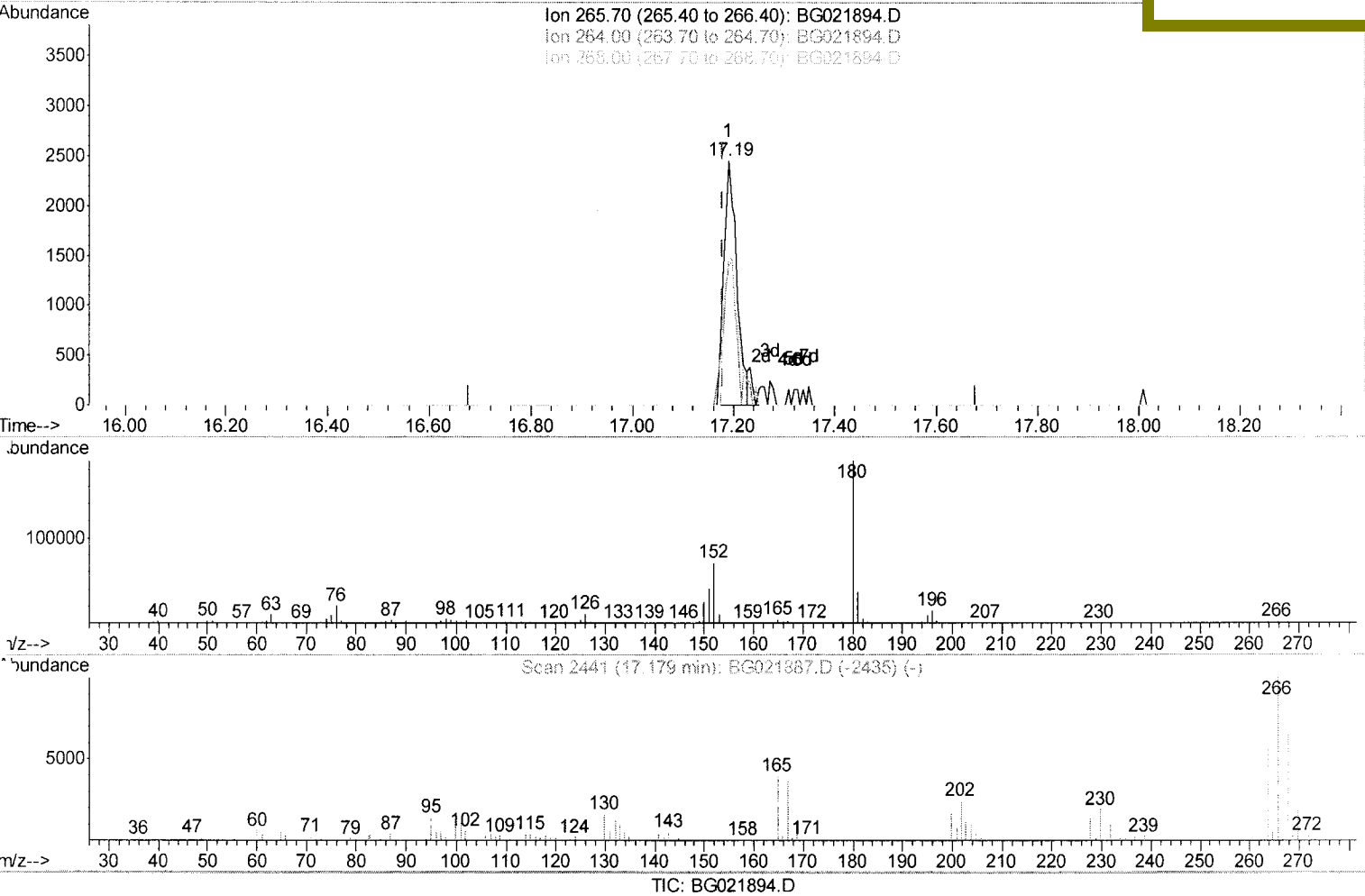
U.M
 05/17/16

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021894.D
Acc On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1

Quant Time: May 16 01:29:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Manual Integrations
APPROVED
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(69) Pentachlorophenol (C)

17.191min (+0.012) 2.53ng/ul

response 4383

Ion	Exp%	Act%
265.70	100	100
264.00	70.90	64.73
268.00	63.30	60.24
0.00	0.00	0.00

Quantitation Report (Qedit)

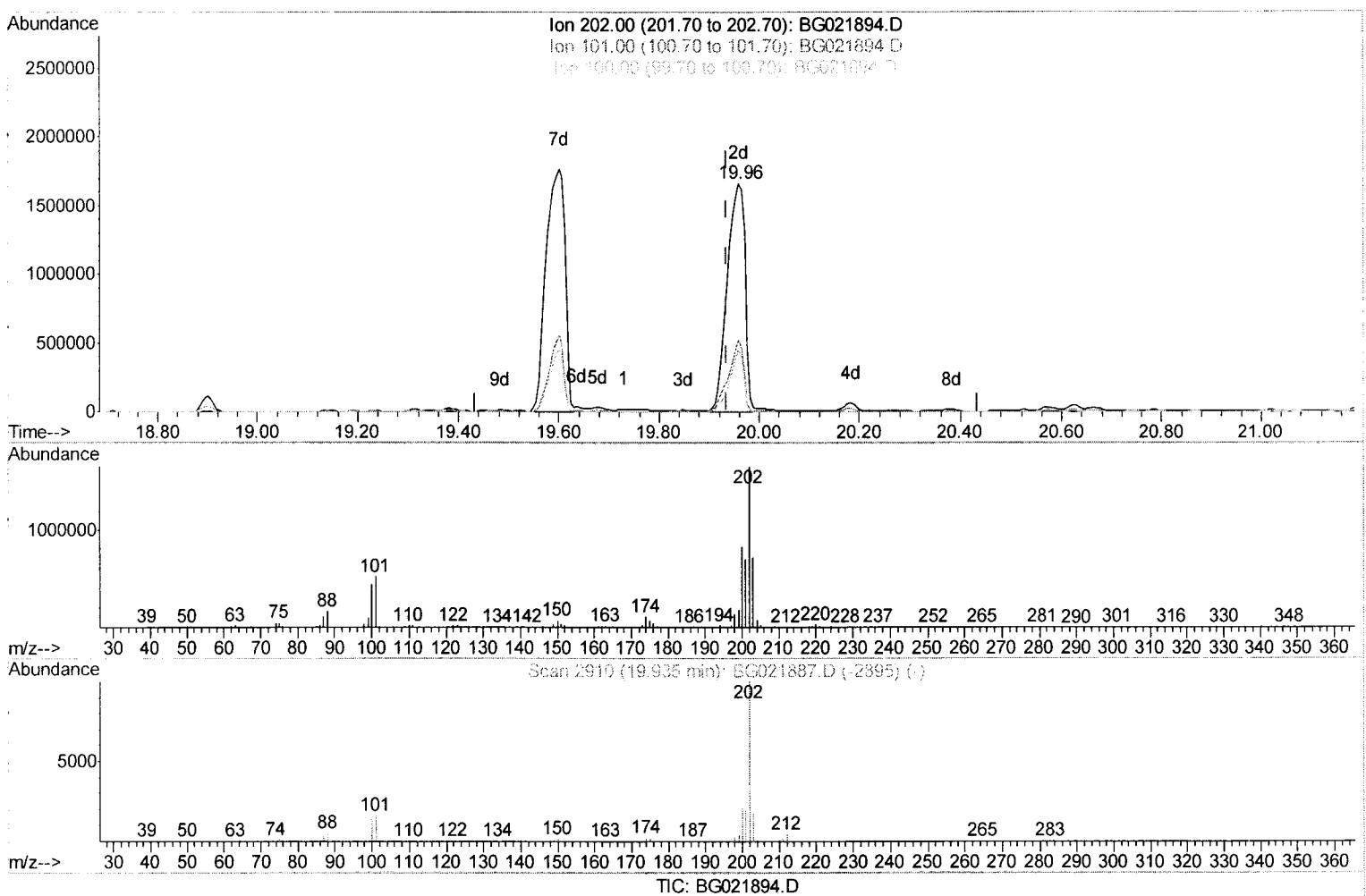
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(78) Pyrene

19.959min (+0.024) 180.13ng/ul m U.M
 response 4186707 05/17/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	31.43#
100.00	11.60	27.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

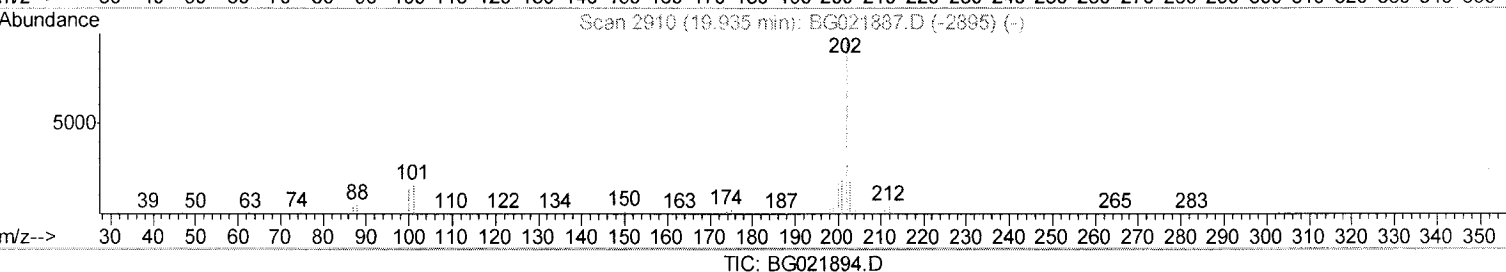
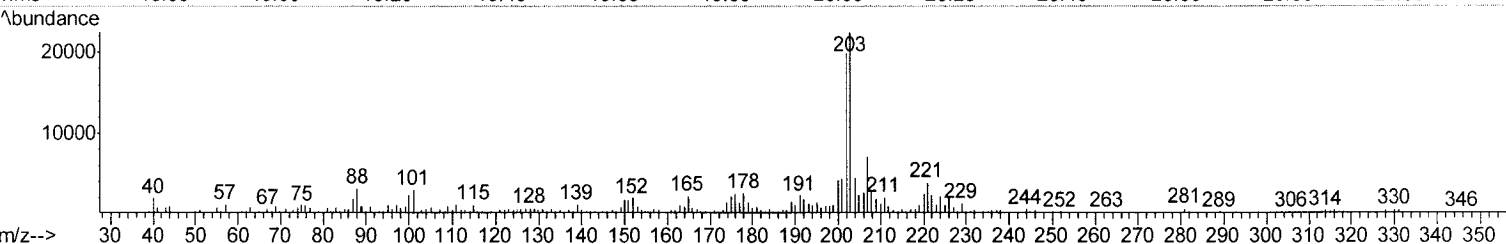
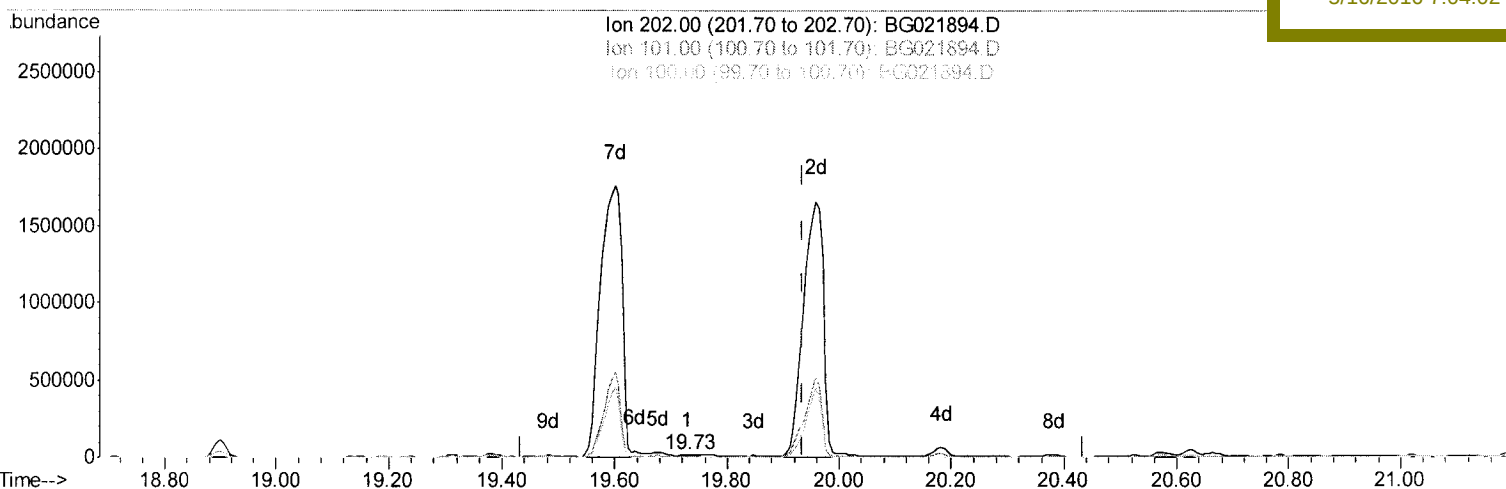
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Manual Integrations
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(78) Pyrene

19.730min (-0.205) 0.52ng/ul

response 12002

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.72
100.00	11.60	11.75
0.00	0.00	0.00

Quantitation Report (Qedit)

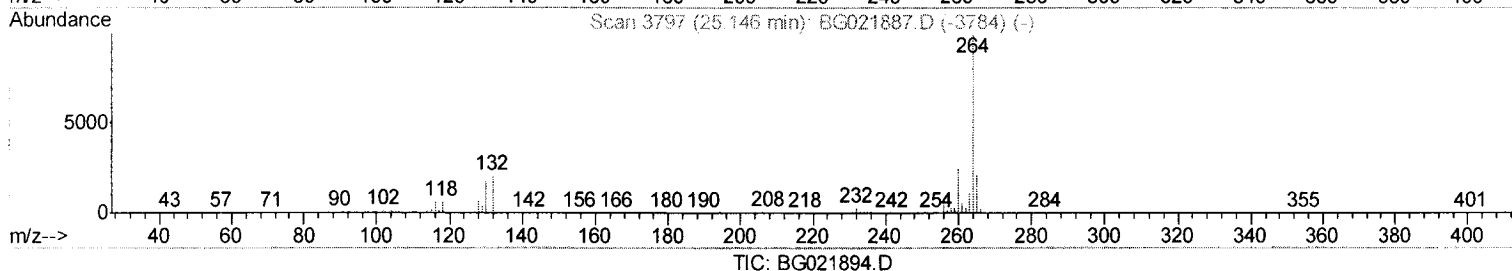
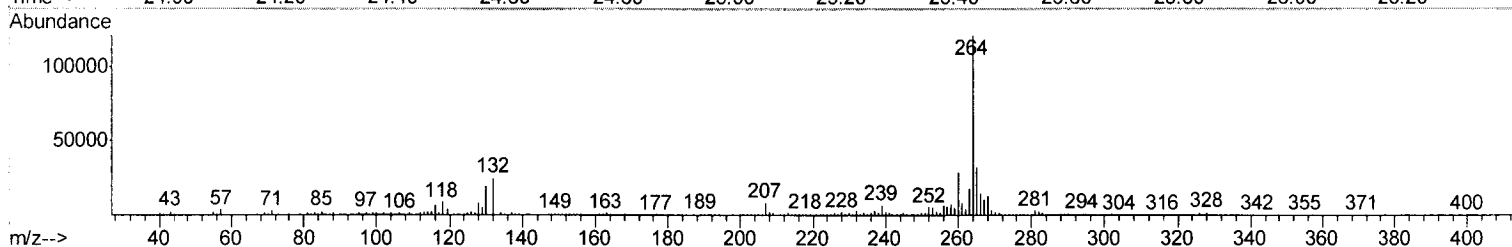
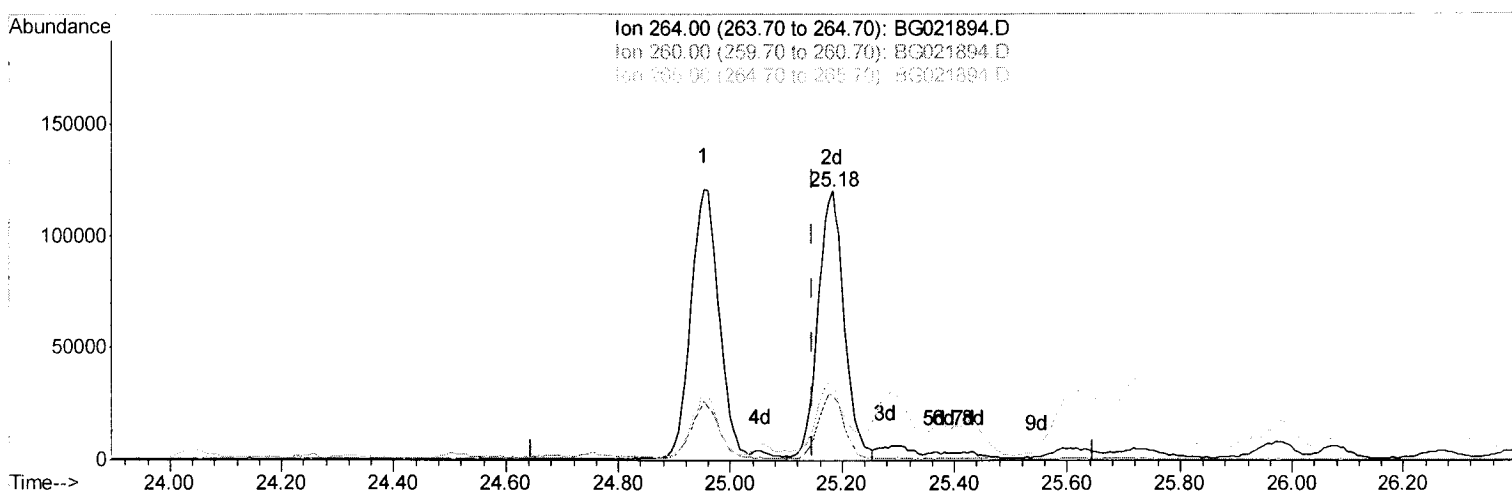
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



TIC: BG021894.D

(84) Perylene-d12 (I)

25.182min (+0.036) 20.00ng/ul m U.M
 response 397688 05/17/16

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	23.86
265.00	21.10	26.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

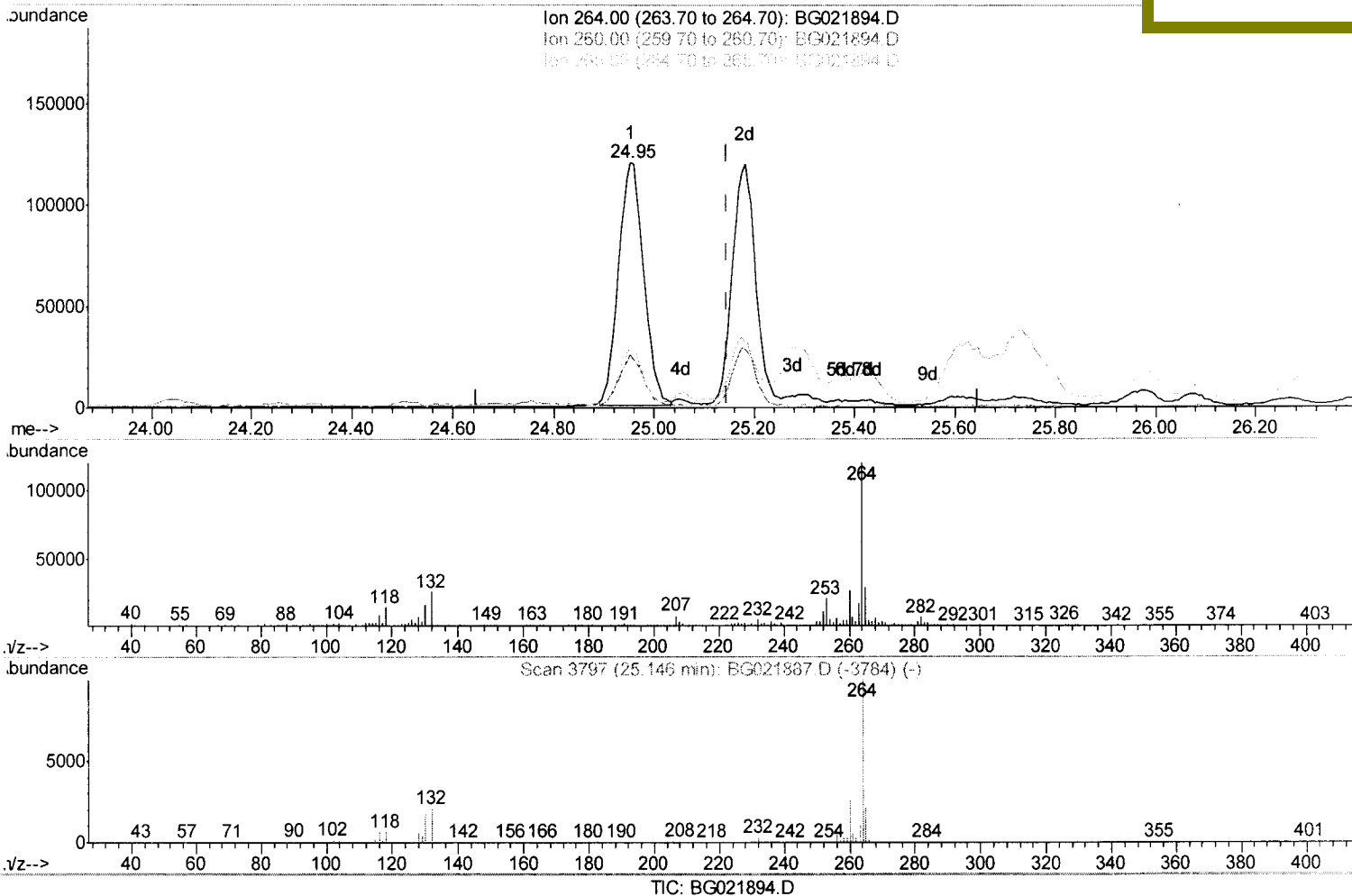
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Quant Time: May 16 01:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Manual Integrations
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(84) Perylene-d12 (I)

24.953min (-0.193) 20.00ng/ul

response 417666

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	21.81
265.00	21.10	23.80
0.00	0.00	0.00

Quantitation Report (Qedit)

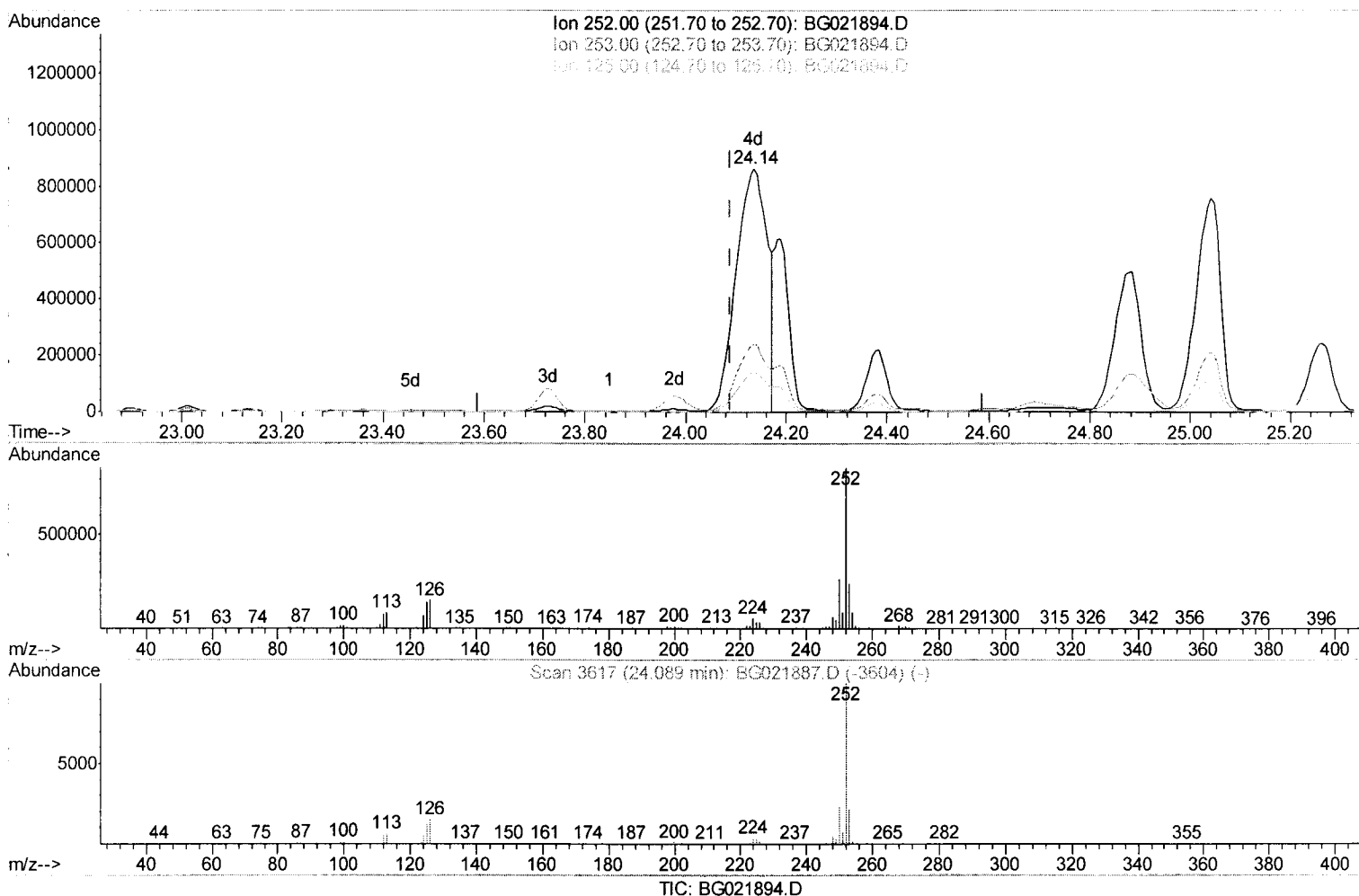
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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 5/16/2016 7:04:02 PM

Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(86) Benzo(b)fluoranthene

24.136min (+0.048) 164.66ng/ul m *U.M*
05/17/16
 response 3748215

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	27.86#
125.00	9.50	16.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

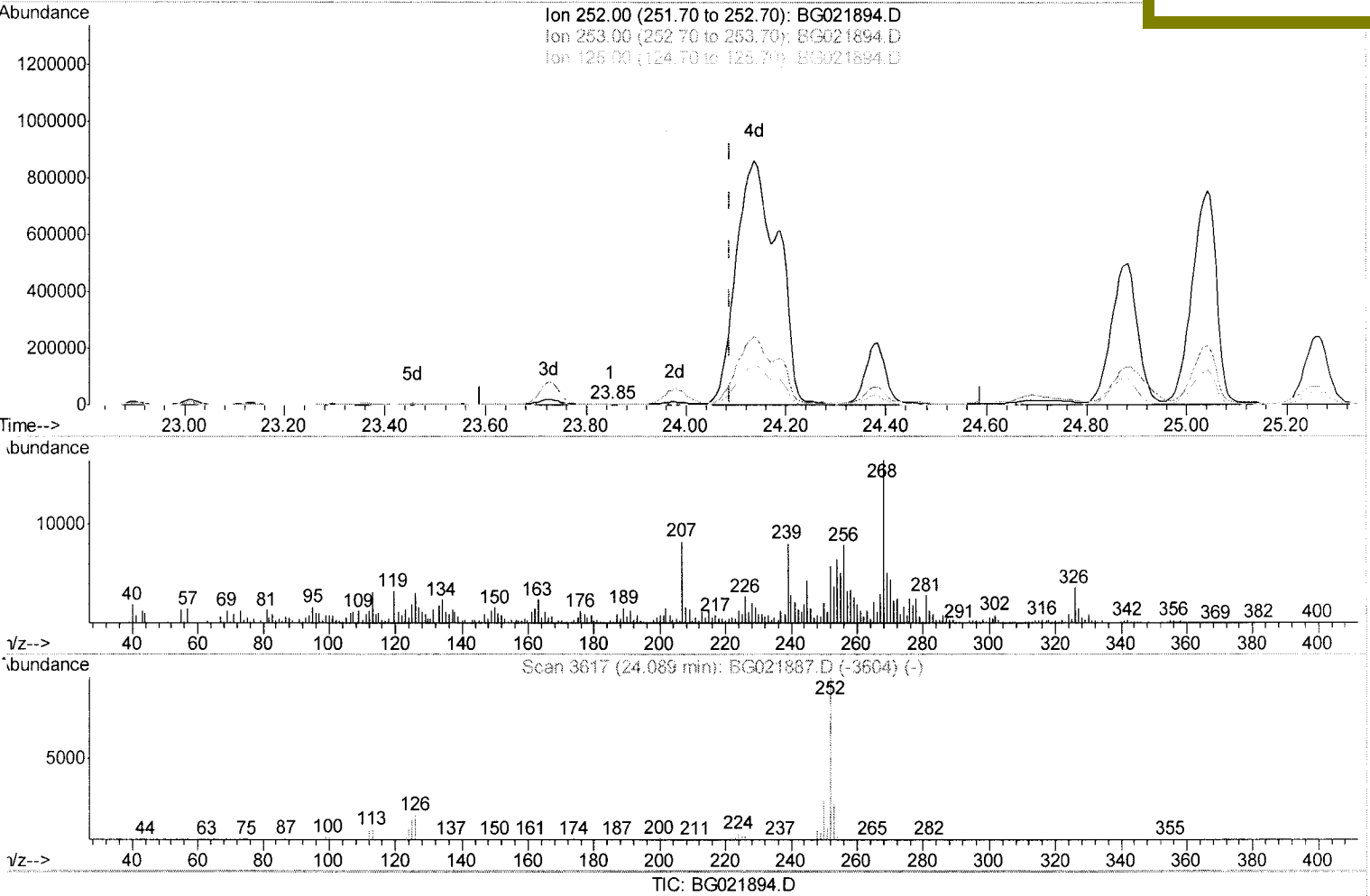
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9XG1

Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Manual Integrations
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(86) Benzo(b)fluoranthene

23.848min (-0.240) 0.28ng/ul

response 6419

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	65.65#
125.00	9.50	36.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

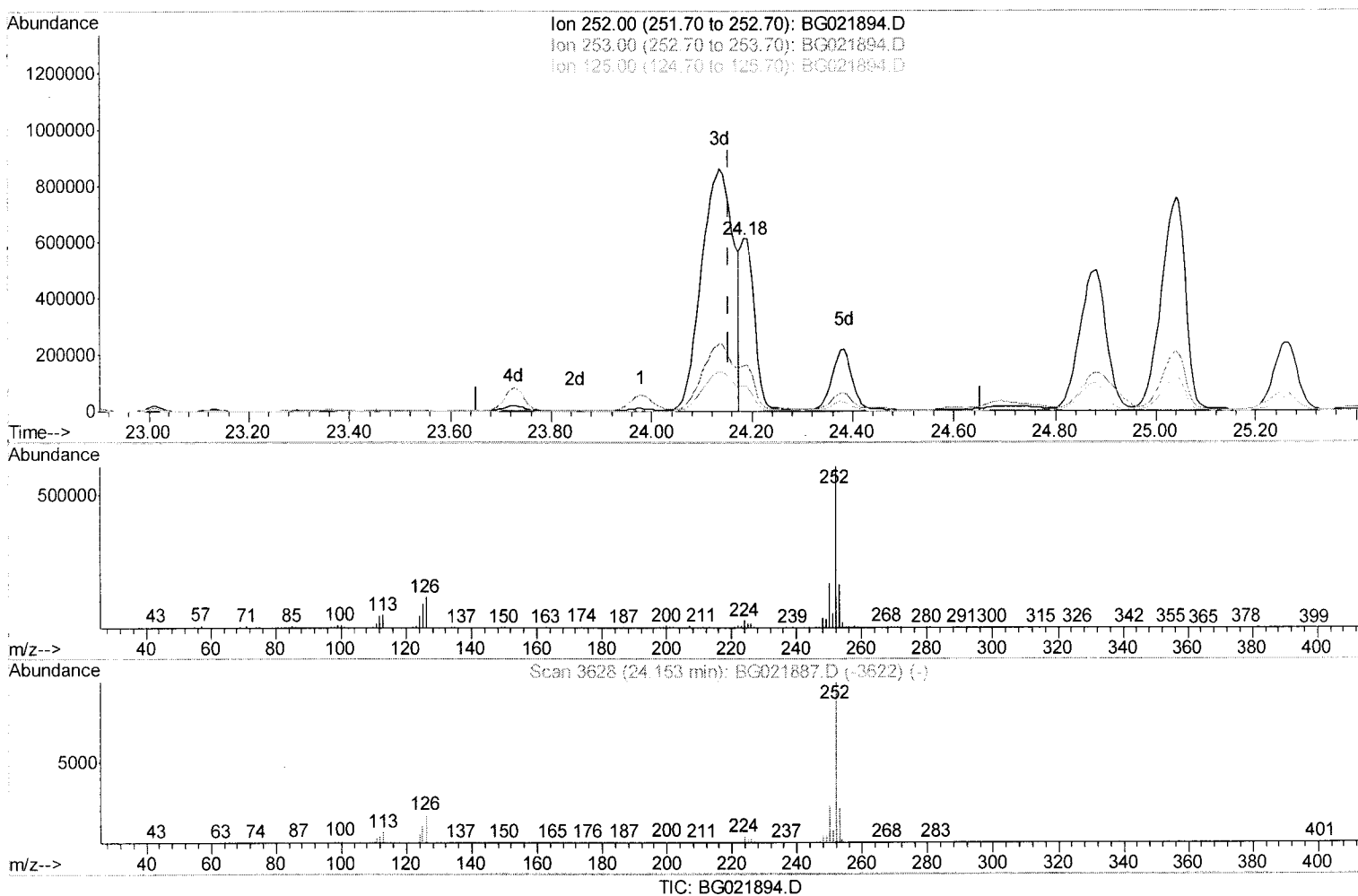
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
 APPROVED

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 5/16/2016 7:04:02 PM

Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(87) Benzo(k)fluoranthene

24.183min (+0.030) 51.18ng/ul m *U.M*
05/17/16

response 1247160

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	26.67
125.00	9.60	14.78#
0.00	0.00	0.00

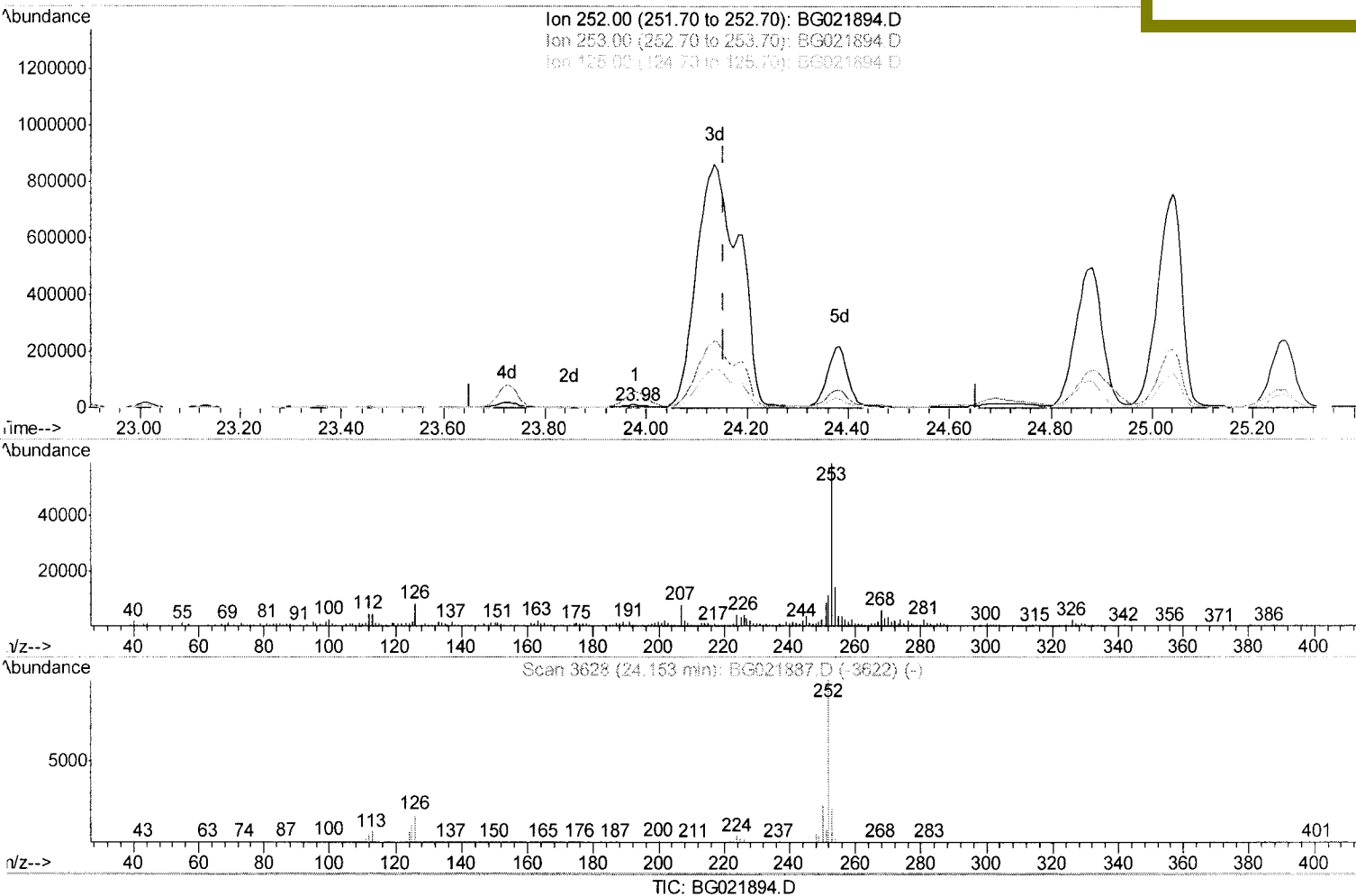
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021894.D
Acq On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1

Quant Time: May 16 03:21:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

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5/16/2016 7:04:02 PM



(87) Benzo(k)fluoranthene

23.977min (-0.176) 0.92ng/ul

response 22426

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	519.48#
125.00	9.60	16.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

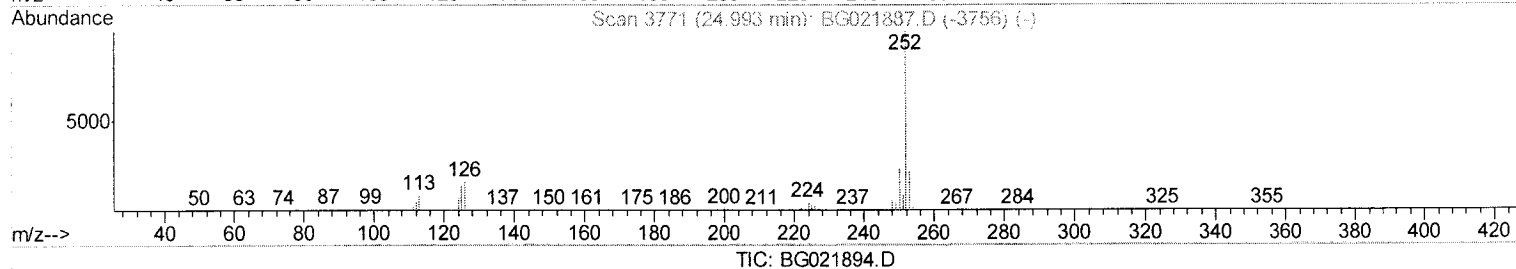
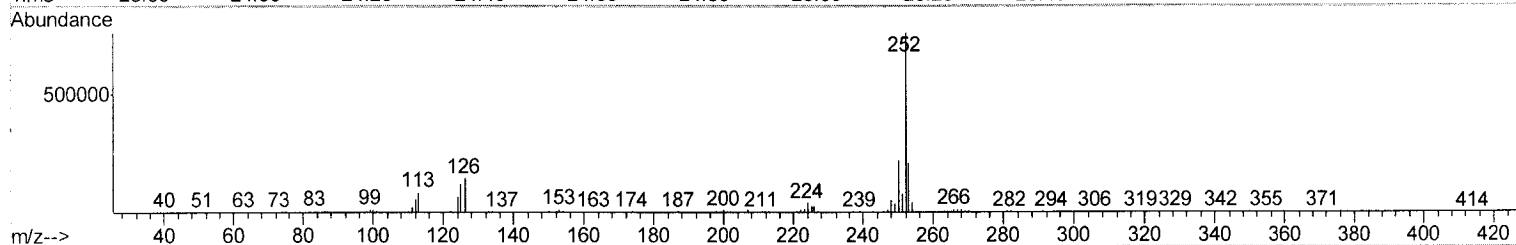
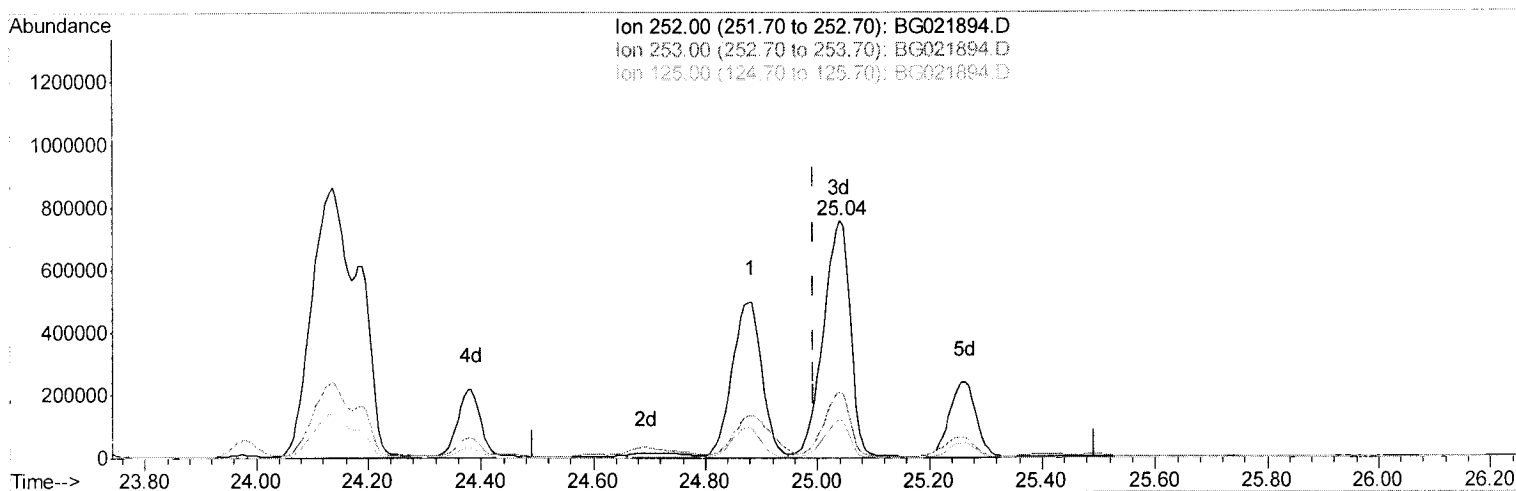
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
 APPROVED

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 5/16/2016 7:04:02 PM

Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



TIC: BG021894.D

(89) Benzo(a)pyrene (C)

25.041min (+0.048) 114.44ng/ul m U.M

response 2593376

05/17/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	27.66#
125.00	10.20	16.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

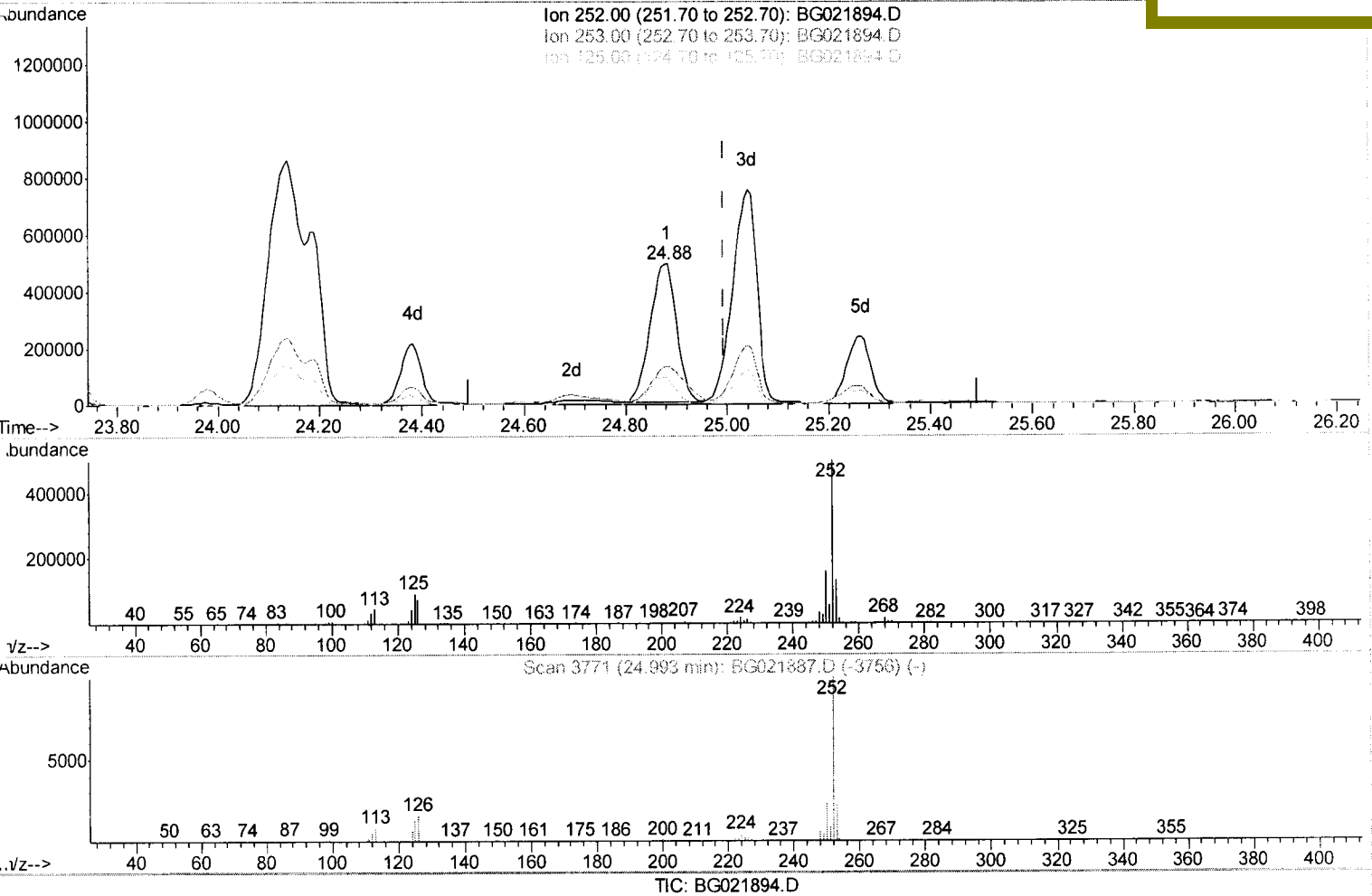
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021894.D
Acq On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1

Manual Integrations
APPROVED

sohil
5/16/2016 7:04:02 PM

Quant Time: May 16 03:21:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration



(89) Benzo(a)pyrene (C)

24.882min (-0.111) 78.39ng/ul

response 1776375

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	26.91#
125.00	10.20	18.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

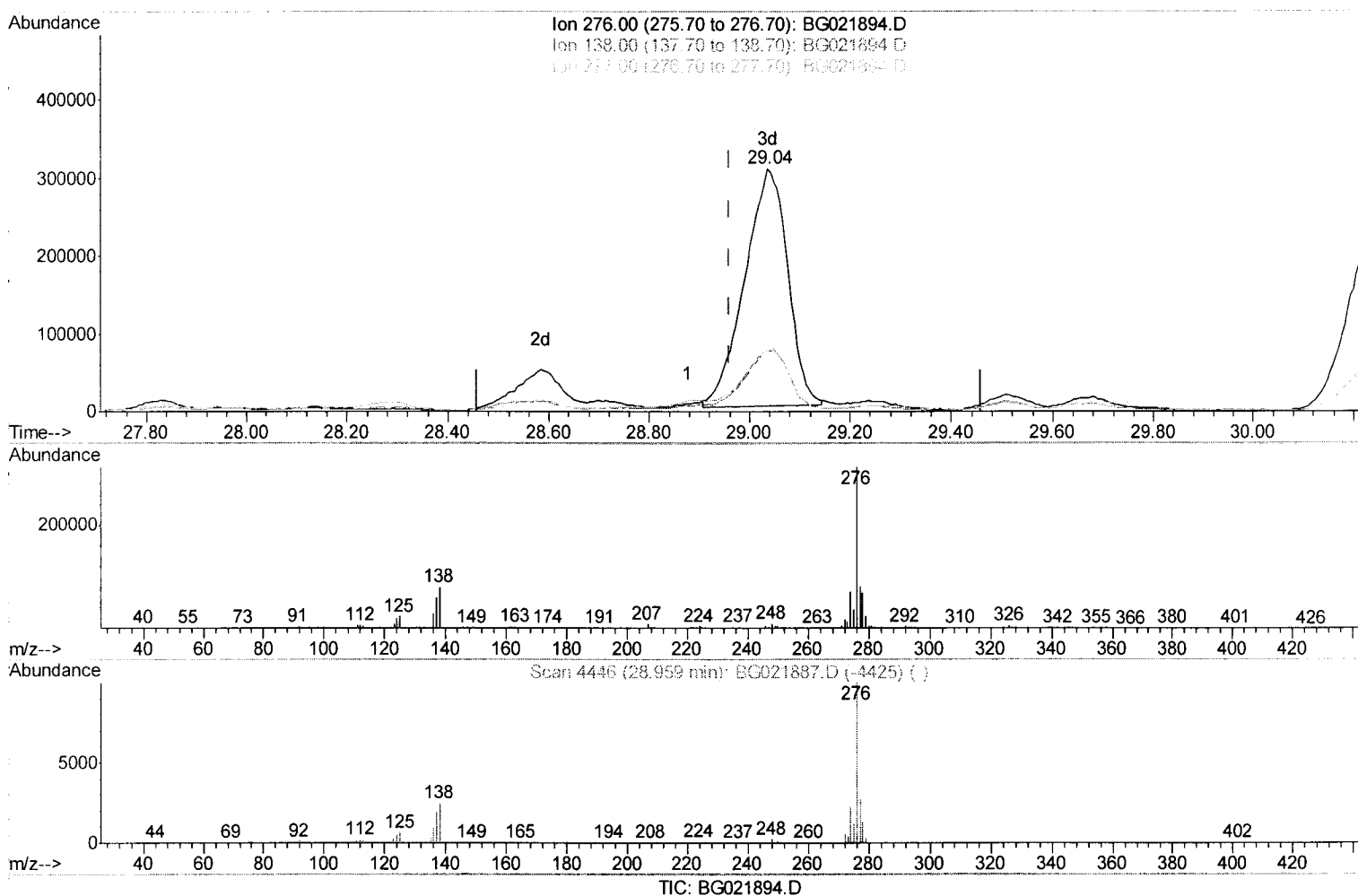
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
 APPROVED

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Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(90) Indeno(1,2,3-cd)pyrene

29.036min (+0.077) 67.57ng/ul m *U.M*

response 1814755

05/17/16

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	25.40#
277.00	23.80	25.99
0.00	0.00	0.00

Quantitation Report (Qedit)

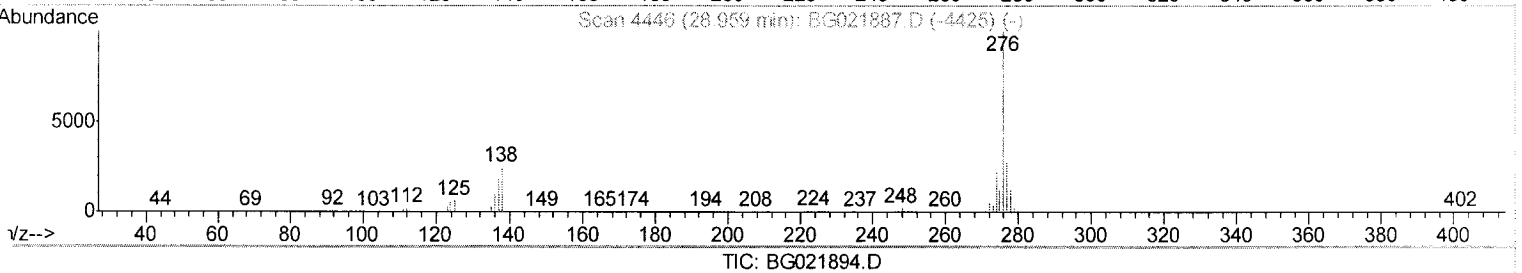
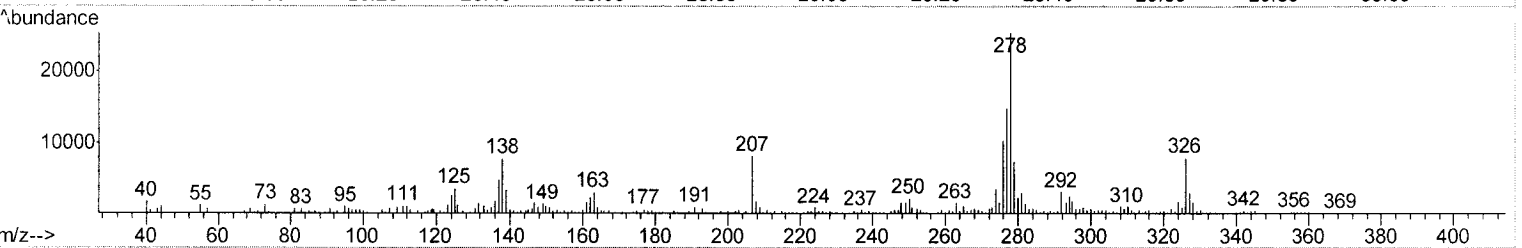
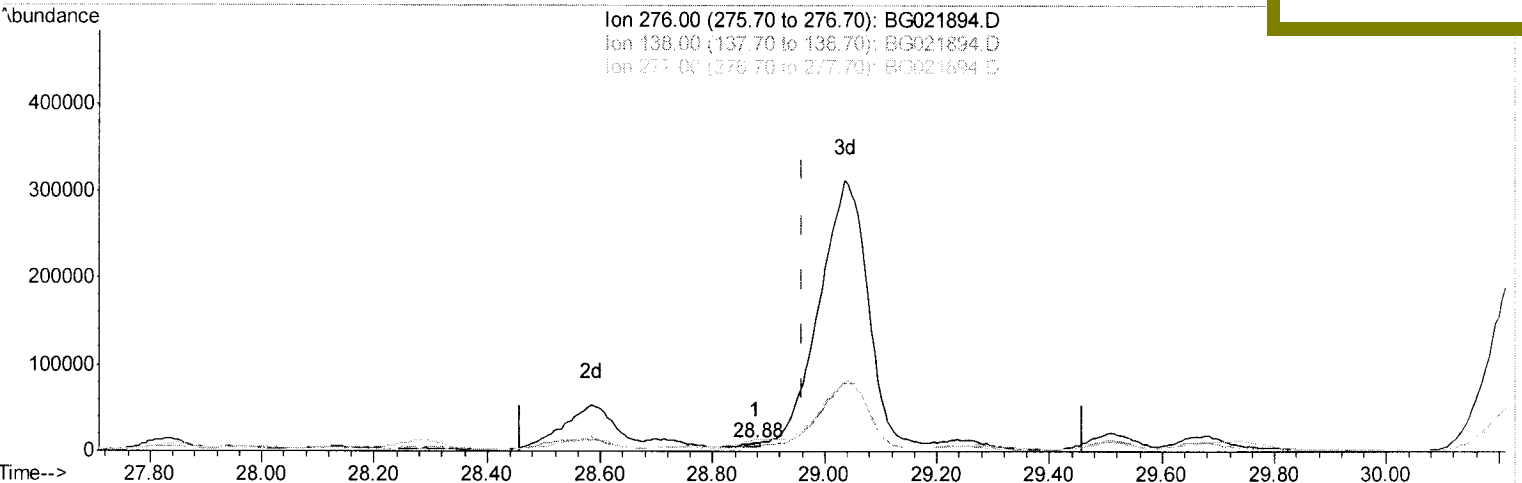
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
 APPROVED

sohil
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Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(90) Indeno(1,2,3-cd)pyrene

28.878min (-0.082) 0.26ng/ul

response 6960

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	75.77#
277.00	23.80	142.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

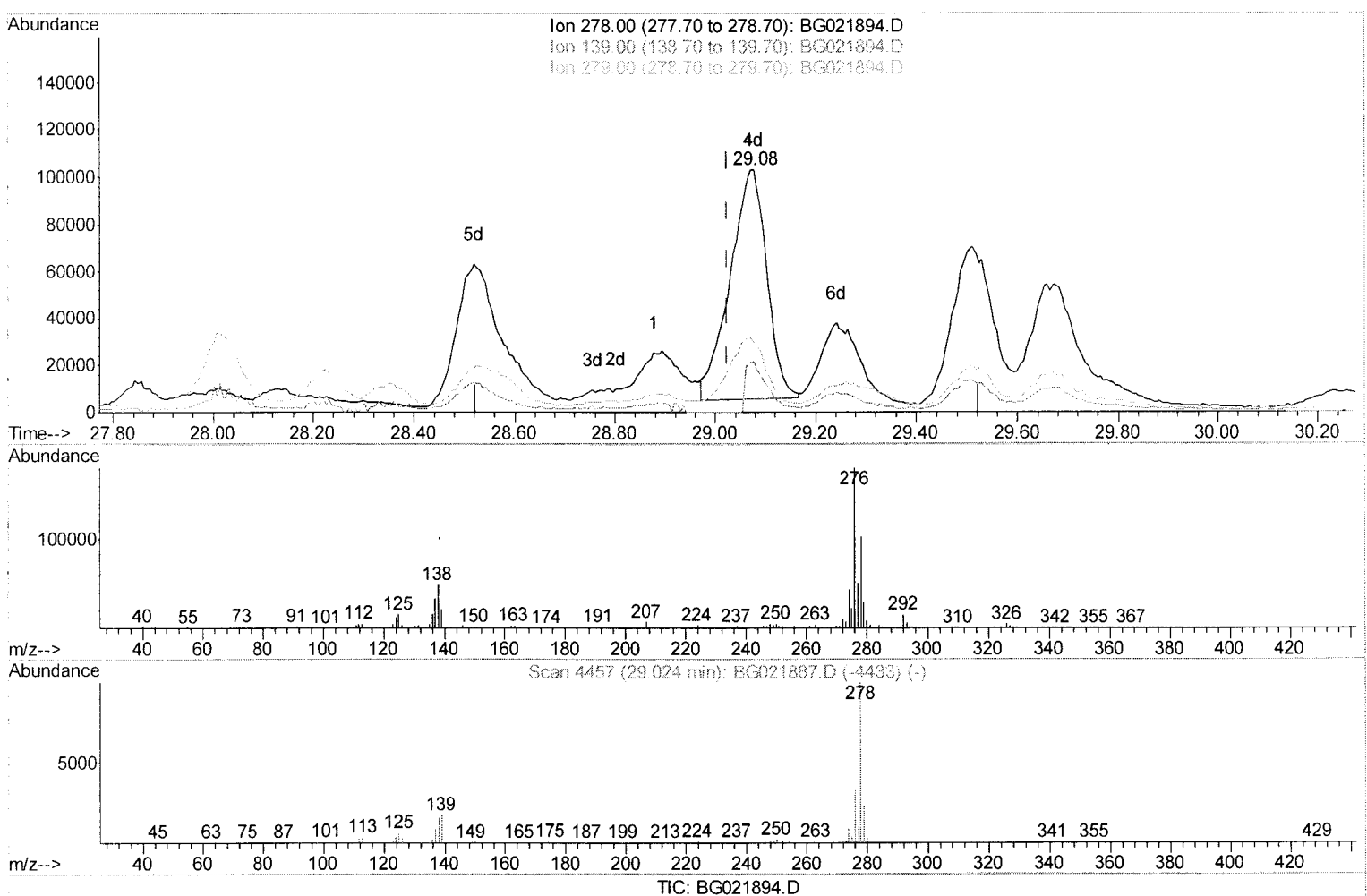
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
 APPROVED

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 5/16/2016 7:04:02 PM

Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(91) Dibenzo(a,h)anthracene

29.077min (+0.053) 22.35ng/ul m *U.M*
05/17/16
 response 499492

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	20.72#
279.00	24.80	29.16
0.00	0.00	0.00

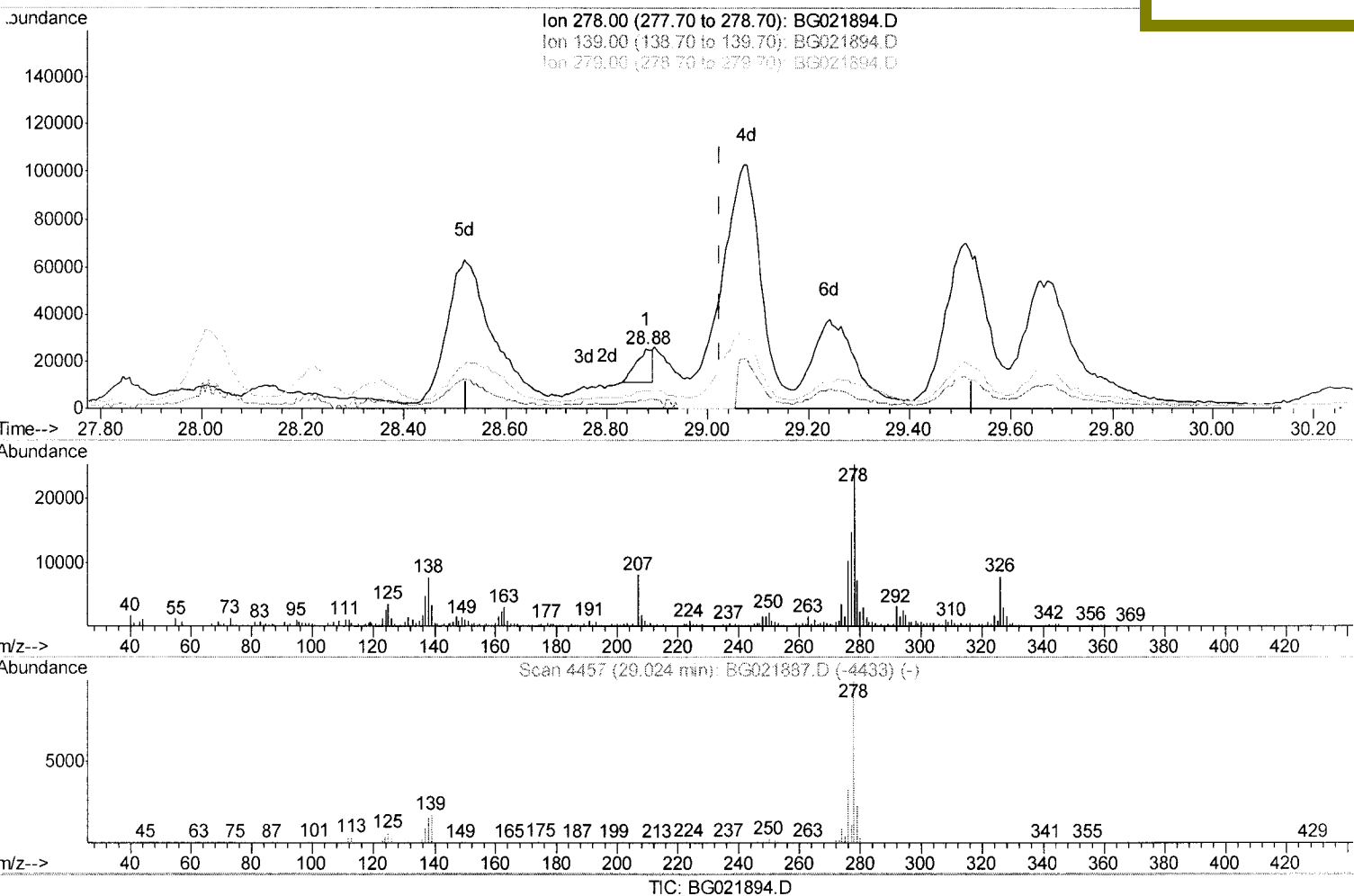
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021894.D
Acq On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1

Quant Time: May 16 03:21:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

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5/16/2016 7:04:02 PM



(91) Dibenzo(a,h)anthracene

28.878min (-0.146) 1.39ng/ul

response 30986

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	13.55
279.00	24.80	29.17
0.00	0.00	0.00

Quantitation Report (Qedit)

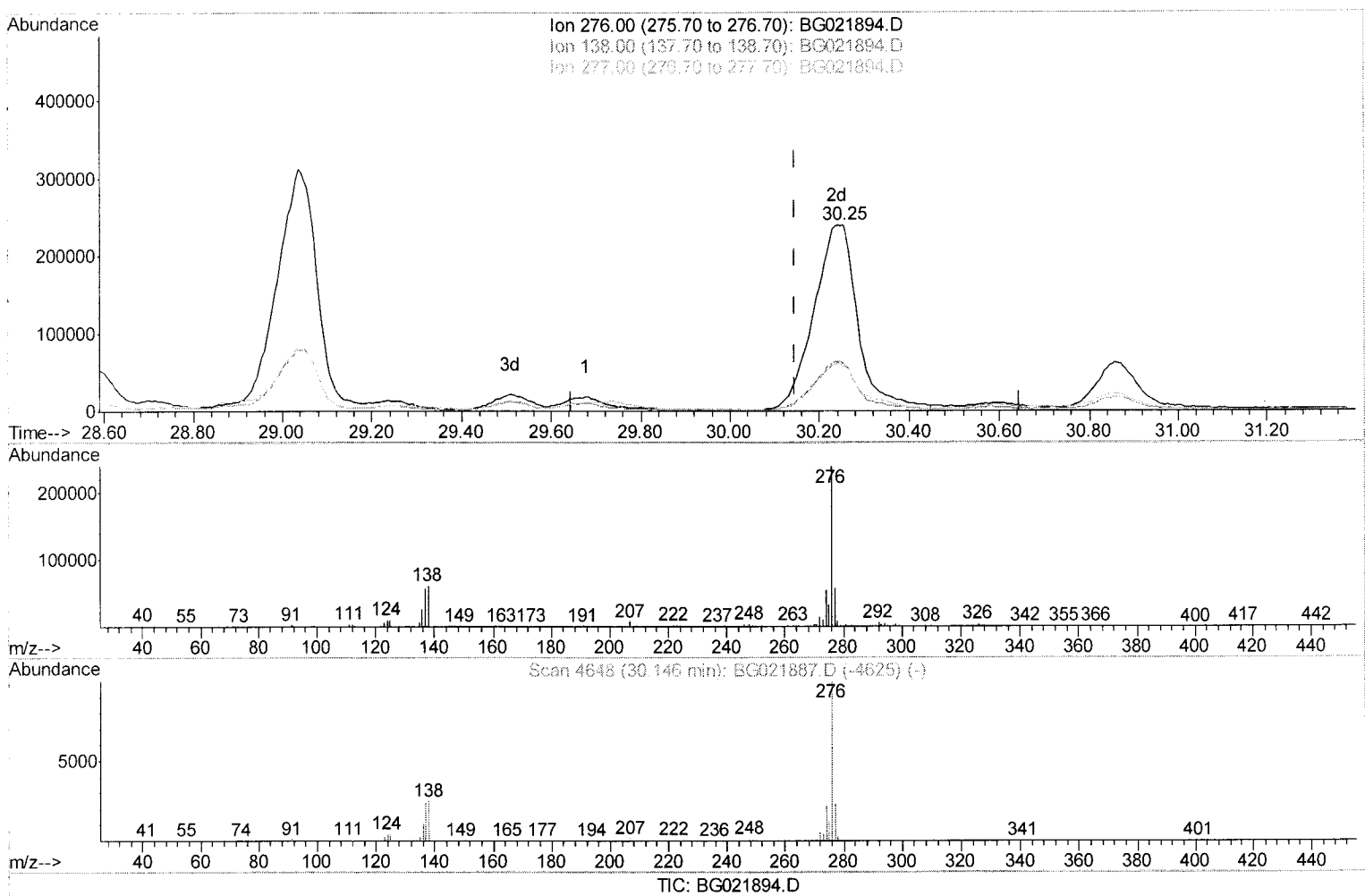
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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 5/16/2016 7:04:02 PM

Quant Time: May 16 03:21:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(92) Benzo(g,h,i)perylene

30.253min (+0.106) 74.64ng/ul m

response 1654399

U.M
 05/17/16

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.60#
277.00	24.70	23.88
0.00	0.00	0.00

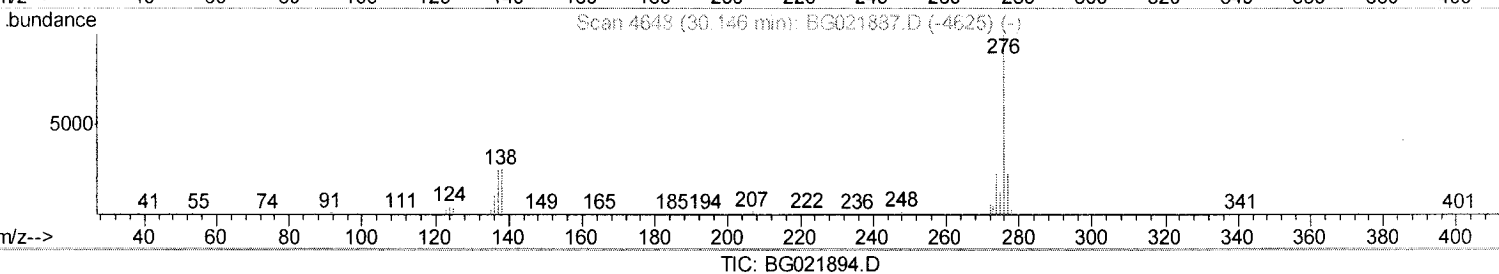
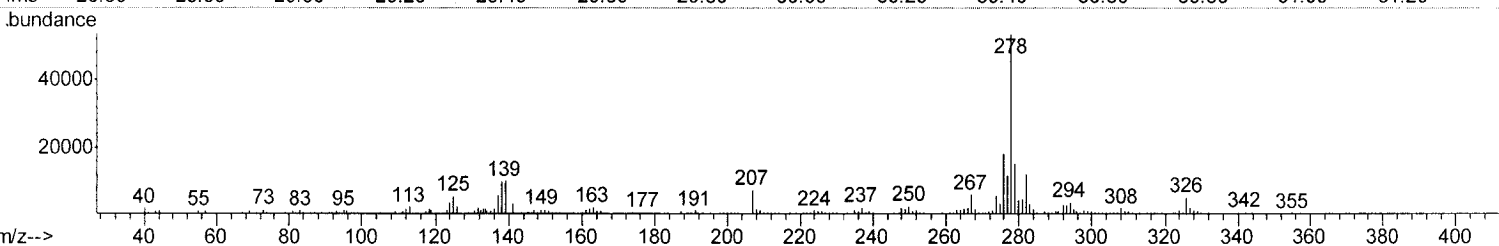
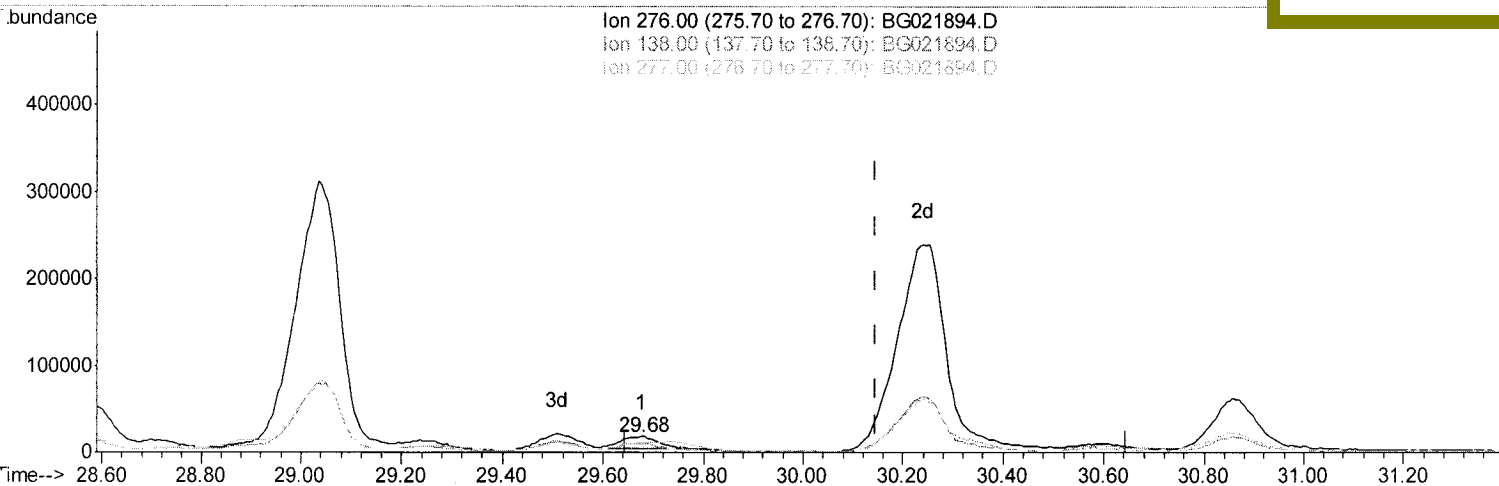
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021894.D
Acq On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1

Quant Time: May 16 03:21:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Manual Integrations
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5/16/2016 7:04:02 PM



TIC: BG021894.D

(92) Benzo(g,h,i)perylene

29.677min (-0.470) 3.51ng/ul

response 77797

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	53.16#
277.00	24.70	64.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

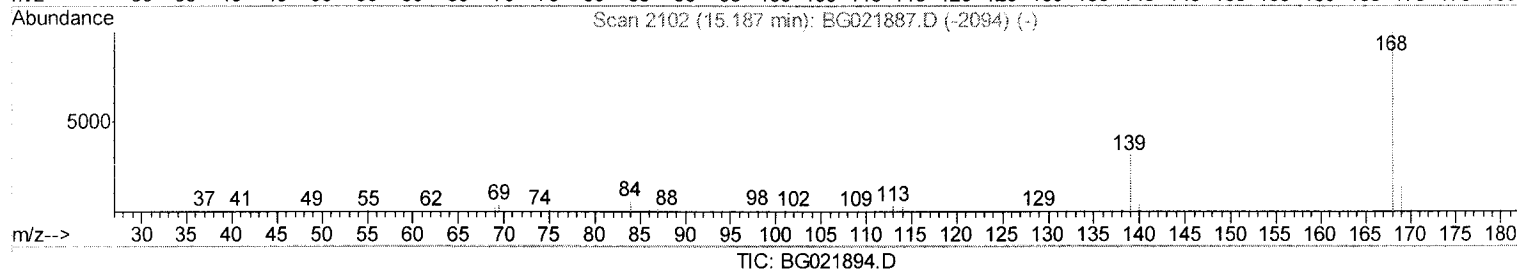
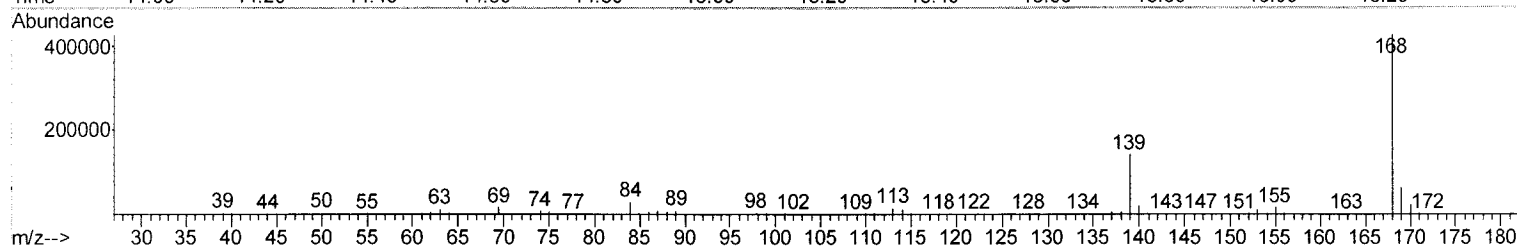
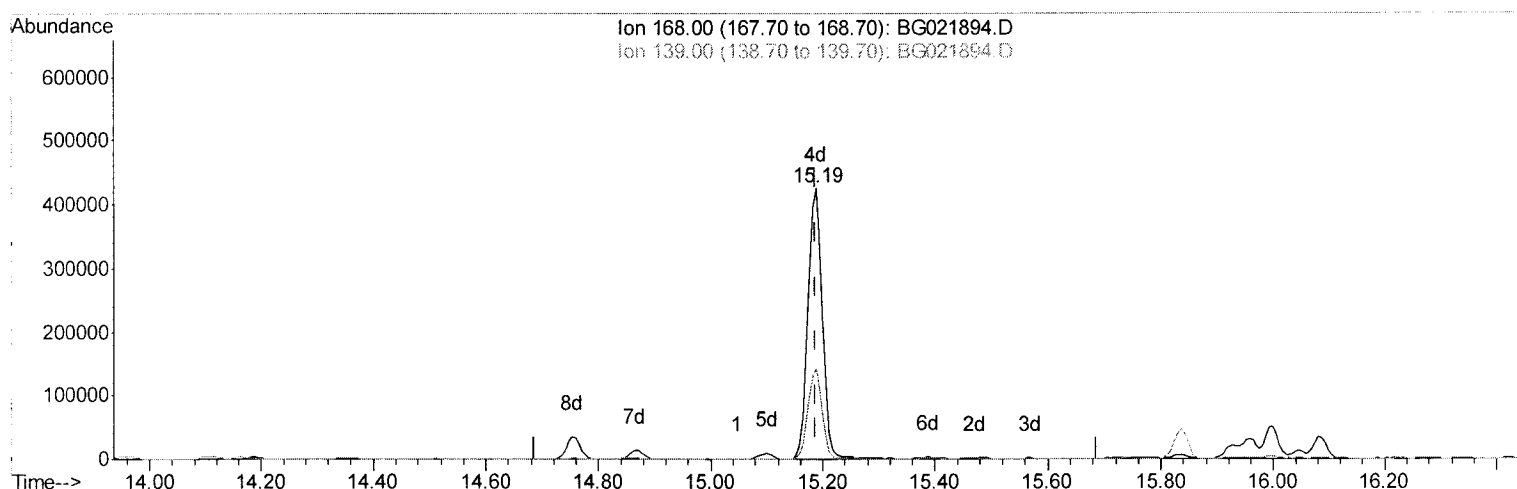
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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 5/16/2016 7:04:02 PM

Quant Time: May 16 03:22:43 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(54) Dibenzo(f,h)quinoxaline

15.188min (+0.001) 42.72ng/ul m

response 748604

Ion Exp% Act%

168.00 100 100

139.00 44.00 33.57#

0.00 0.00 0.00

0.00 0.00 0.00

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 05/17/16

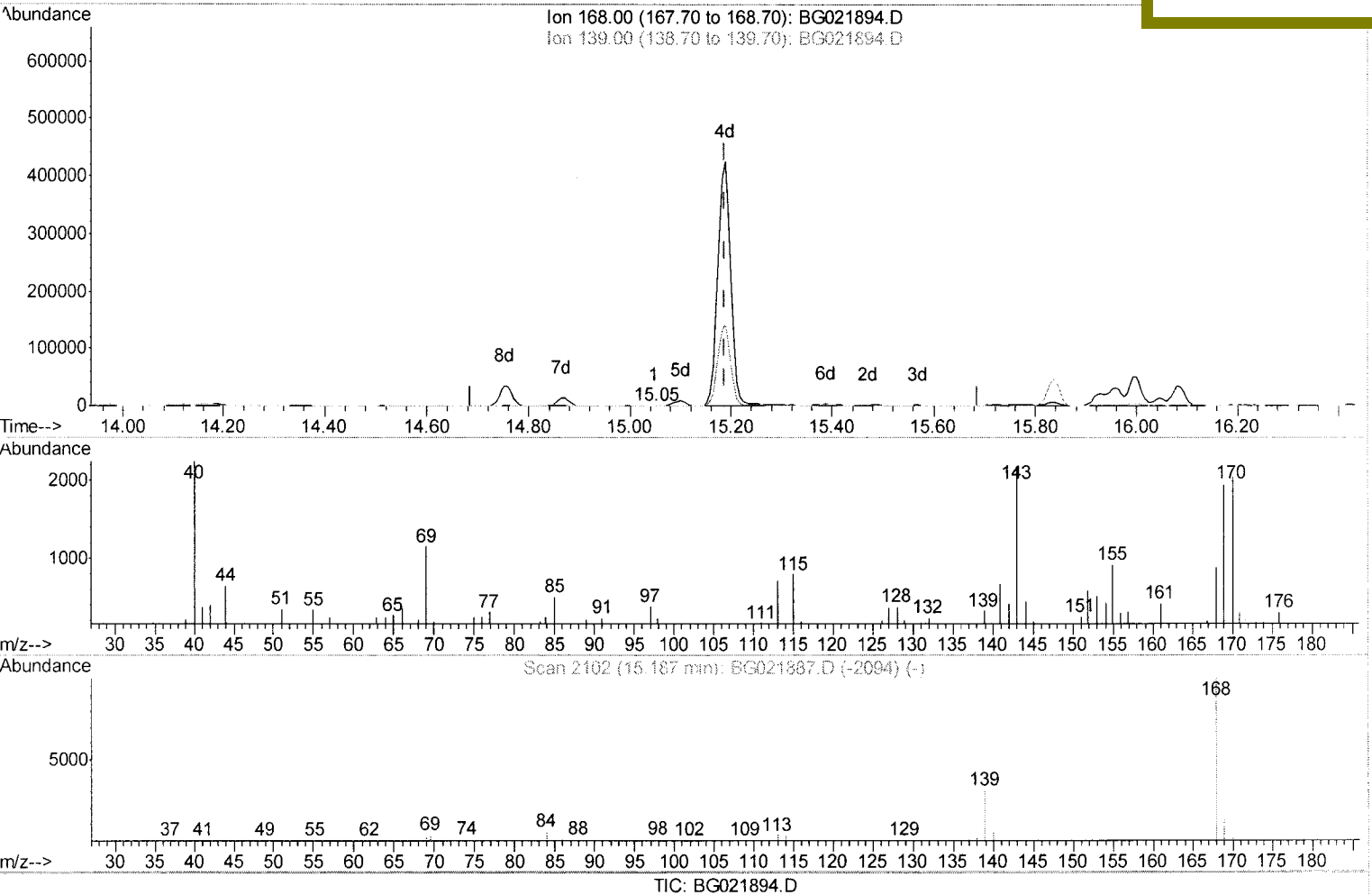
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051516\
Data File : BG021894.D
Acq On : 15 May 2016 15:34
Operator : UM/SJ
Sample : H3096-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1

Quant Time: May 16 03:22:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Manual Integrations
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5/16/2016 7:04:02 PM



(54) Dibenzofuran

15.047min (-0.140) 0.05ng/ul

response 829

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	36.09
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
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 5/16/2016 7:04:02 PM

Quant Time: May 16 14:20:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	316721	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	184075	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	376088	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	401734	20.00	ng/ul	0.02
84) Perylene-d12	25.18	264	397688m	20.00	ng/ul	0.04

U.M
 05/17/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3888	3.09	ng/uL	0.00
5) Phenol-d5	7.31	99	97128	21.58	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.48	67	48028	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	92468	26.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	60061	15.89	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	49904	23.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	54326	41.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	98596m	26.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	91632	22.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	314107	24.29	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	435133	23.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	31813m	14.35	ng/ul	0.00
58) Fluorene-d10	15.78	176	299920	22.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	29759	28.57	ng/ul	0.01
71) Anthracene-d10	17.64	188	413449	22.58	ng/ul	0.01
77) Pyrene-d10	19.92	212	457210	24.31	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.95	264	417666	22.10	ng/ul	0.04

U.M
 05/17/16

Target Compounds

						Qvalue
6) Phenol	7.34	94	6343	1.33	ng/ul#	73
11) 2-Methylphenol	8.60	108	3913	1.04	ng/ul	86
16) 4-Methylphenol	8.93	108	13222m	3.18	ng/ul	98
28) Naphthalene	11.03	128	1011071	63.66	ng/ul	97
34) 2-Methylnaphthalene	12.63	142	302773	25.89	ng/ul	97
35) 1-Methylnaphthalene	12.84	142	189318	16.32	ng/ul#	97
41) 1,1'-Biphenyl	13.62	154	100336	7.00	ng/ul	94
45) Dimethylphthalate	14.24	163	157442	11.95	ng/ul	98
48) Acenaphthylene	14.52	152	24704	1.31	ng/ul#	85
50) Acenaphthene	14.85	153	713373	54.59	ng/ul	95
54) Dibenzofuran	15.19	168	748604m	42.72	ng/ul	97
59) Fluorene	15.83	166	1065968	70.35	ng/ul	97
69) Pentachlorophenol	17.19	266	4584m	2.64	ng/ul	30
70) Phenanthrene	17.60	178	4717527	229.44	ng/ul#	87
72) Anthracene	17.68	178	1964826	94.08	ng/ul#	95
73) Carbazole	17.94	167	1423518	78.61	ng/ul	49
75) Fluoranthene	19.60	202	4634547	198.39	ng/ul#	77
78) Pyrene	19.96	202	4186707m	180.13	ng/ul	79
81) Benzo(a)anthracene	21.82	228	3128303	139.93	ng/ul#	76
82) Bis(2-ethylhexyl)phthalate	21.69	149	14361	1.71	ng/ul#	76
83) Chrysene	21.89	228	2662945	120.42	ng/ul#	76
86) Benzo(b)fluoranthene	24.14	252	3748215m	164.66	ng/ul	
87) Benzo(k)fluoranthene	24.18	252	1247160m	51.18	ng/ul	

U.M
 05/17/16

U.M
 05/17/16

U.M
 05/17/16

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051516\
 Data File : BG021894.D
 Acq On : 15 May 2016 15:34
 Operator : UM/SJ
 Sample : H3096-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG1

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:04:02 PM

Quant Time: May 16 14:20:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
89) Benzo(a)pyrene	25.04	252	2593376m	114.44	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.04	276	1814755m	67.57	ng/ul	
91) Dibenzo(a,h)anthracene	29.08	278	499492m	22.35	ng/ul	
92) Benzo(g,h,i)perylene	30.25	276	1654399m	74.64	ng/ul	

U.M
 05/17/16

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