

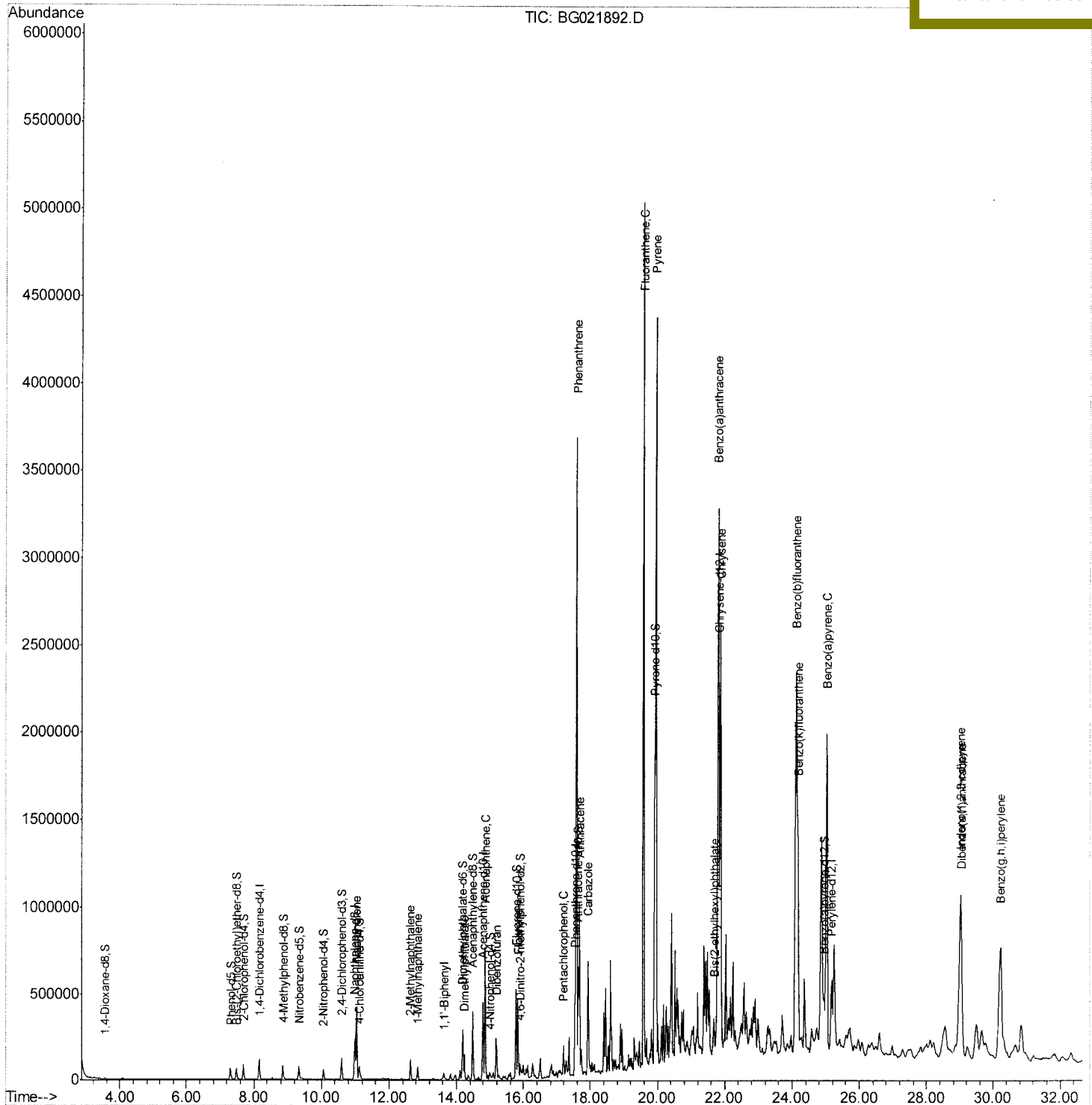
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 16 02:11:20 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
ClientSampleId :
D9XF9

Manual Integrations
APPROVED

sohil
5/16/2016 7:03:53 PM



Quantitation Report (Qedit)

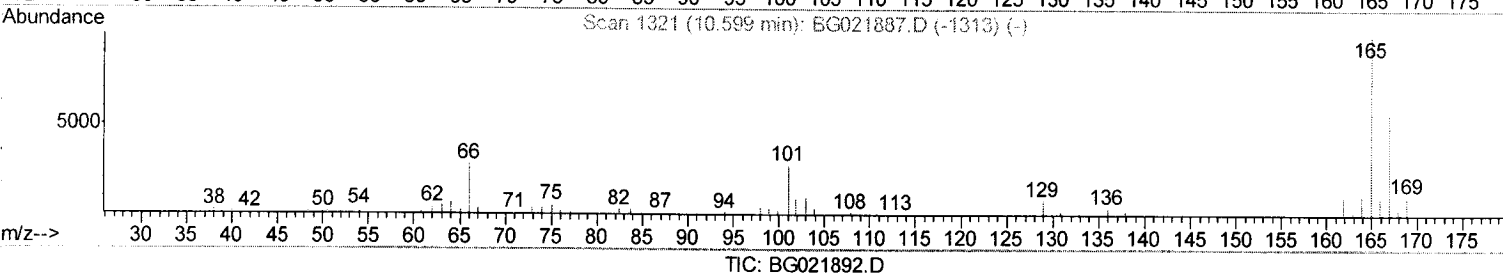
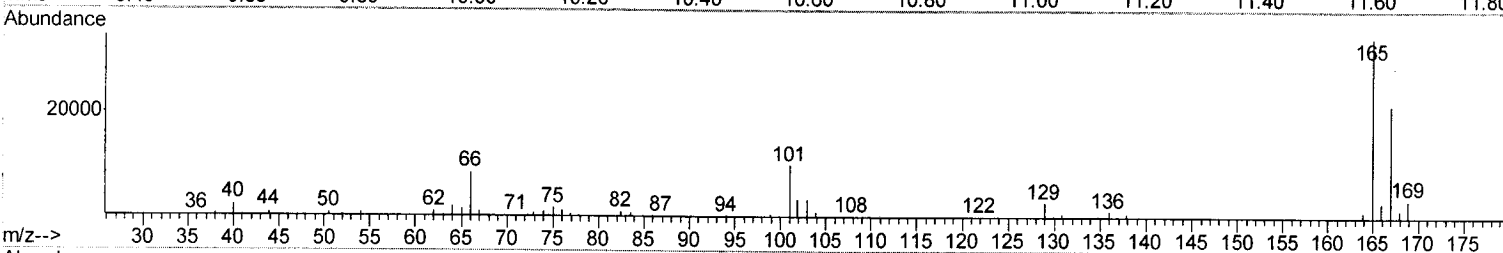
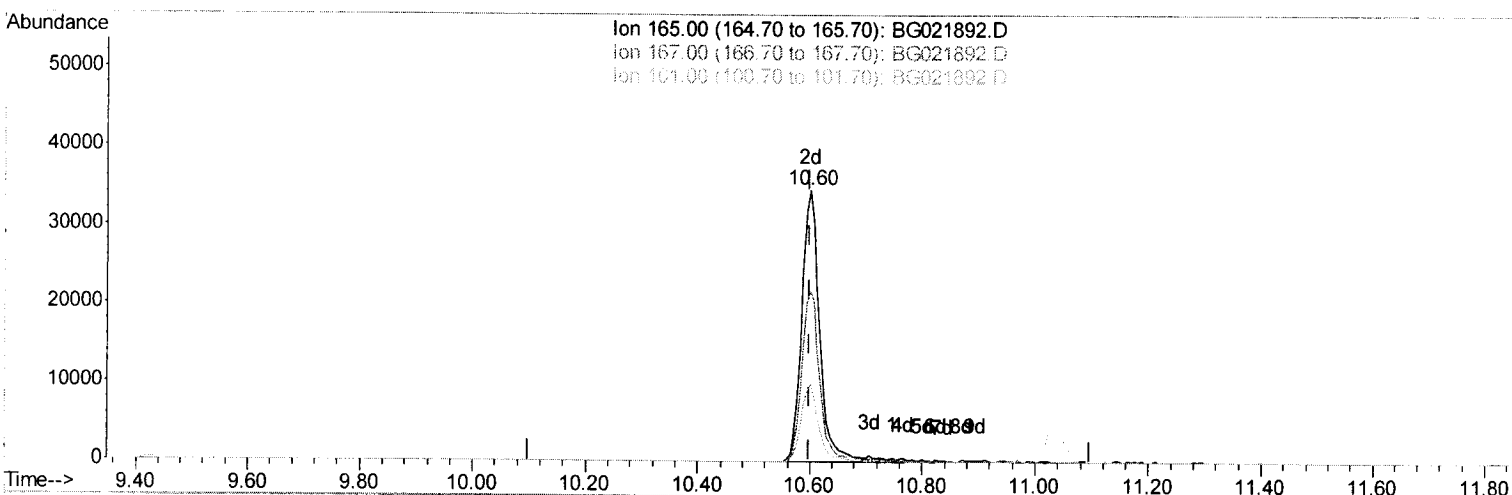
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
 APPROVED

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Quant Time: May 16 01:28:39 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: BG021892.D

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

10.600min (+0.001) 22.66ng/ul m U.M
05/17/16

response 75710

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	63.12
101.00	41.00	28.87#
0.00	0.00	0.00

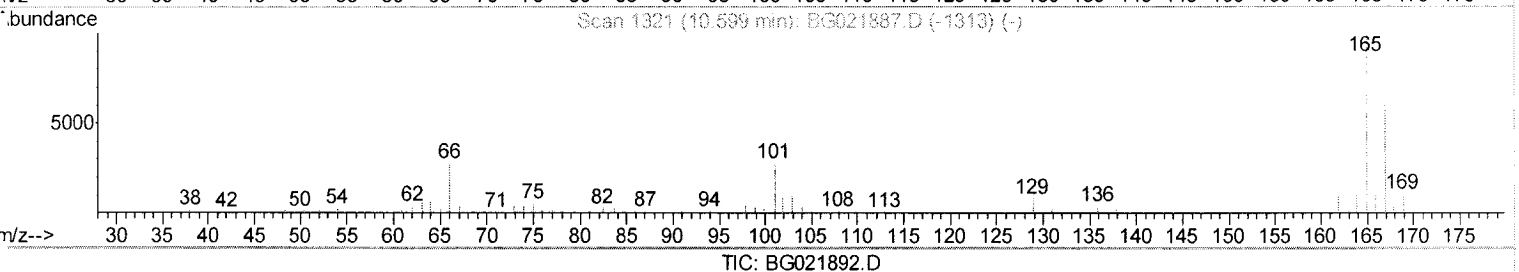
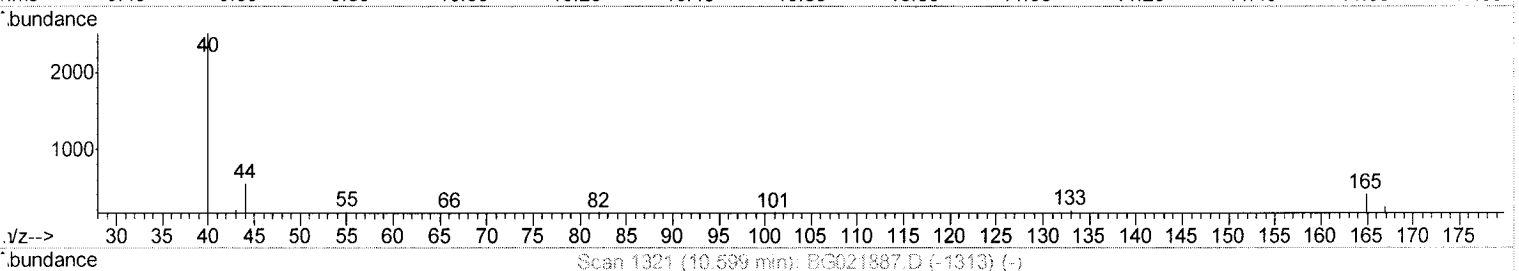
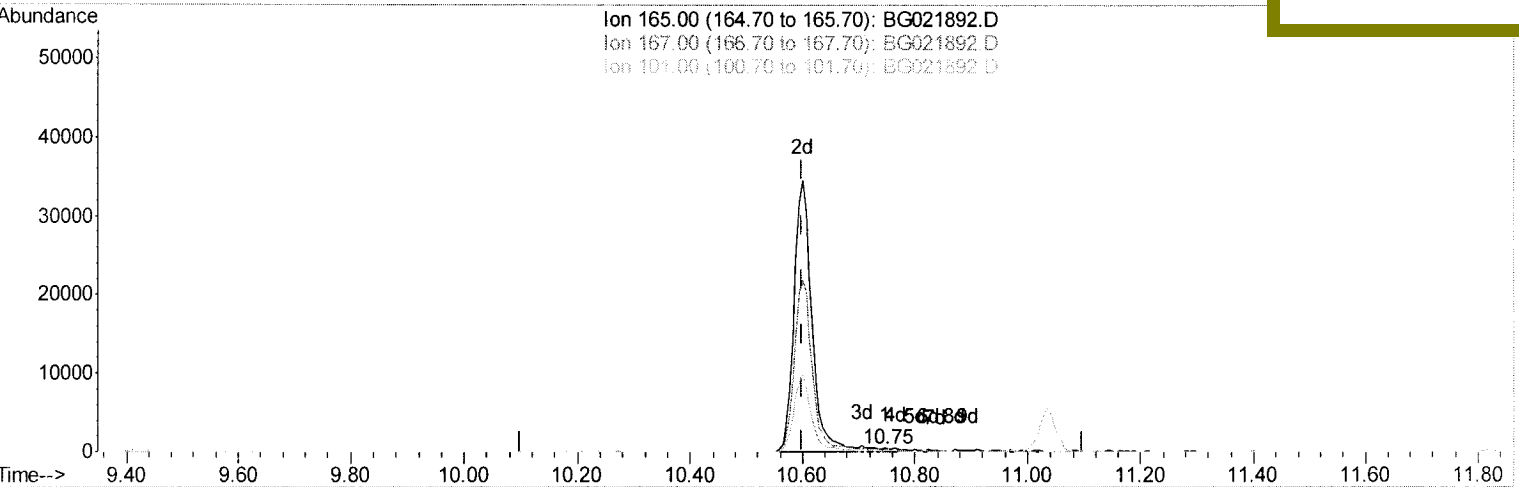
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Manual Integrations
APPROVED

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Quant Time: May 16 01:28:39 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)

10.747min (+0.148) 0.07ng/ul

response 241

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	58.74
101.00	41.00	41.75
0.00	0.00	0.00

Quantitation Report (Qedit)

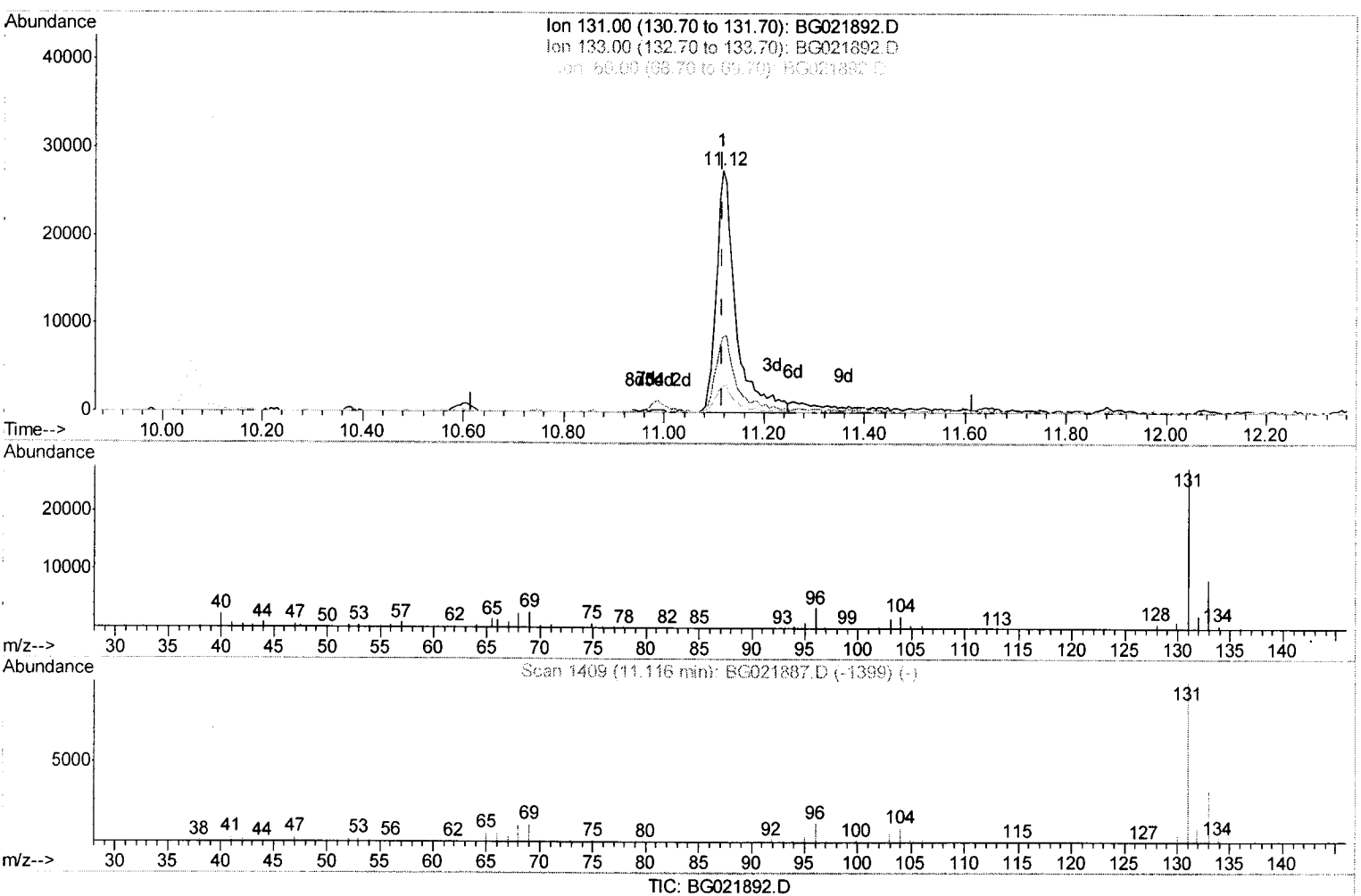
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
 APPROVED

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Quant Time: May 16 01:28:39 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



(29) 4-Chloroaniline-d4 (S)

11.117min (+0.002) 20.84ng/ul m U.M

response 75008

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.40
69.00	23.00	10.36#
0.00	0.00	0.00

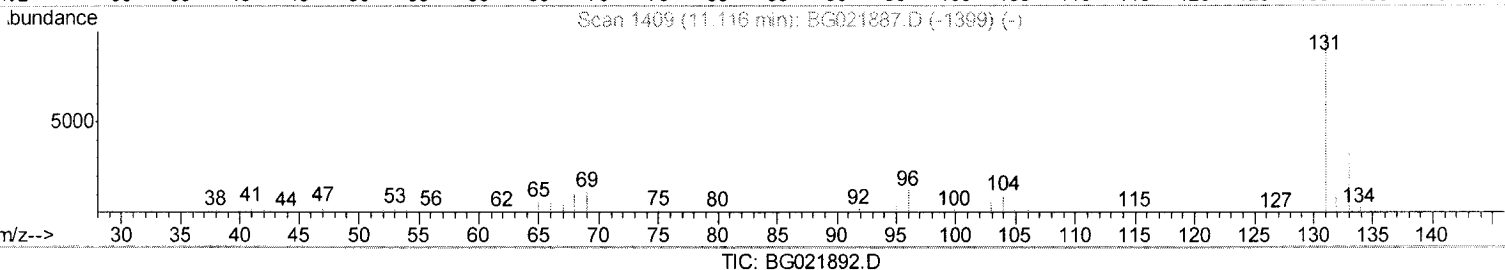
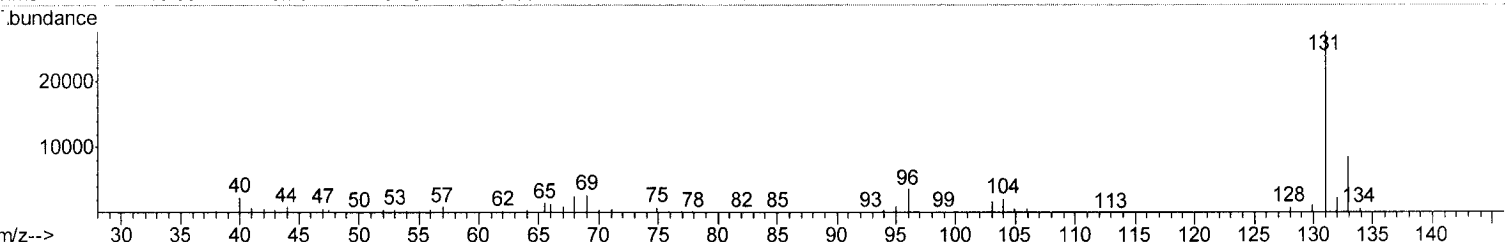
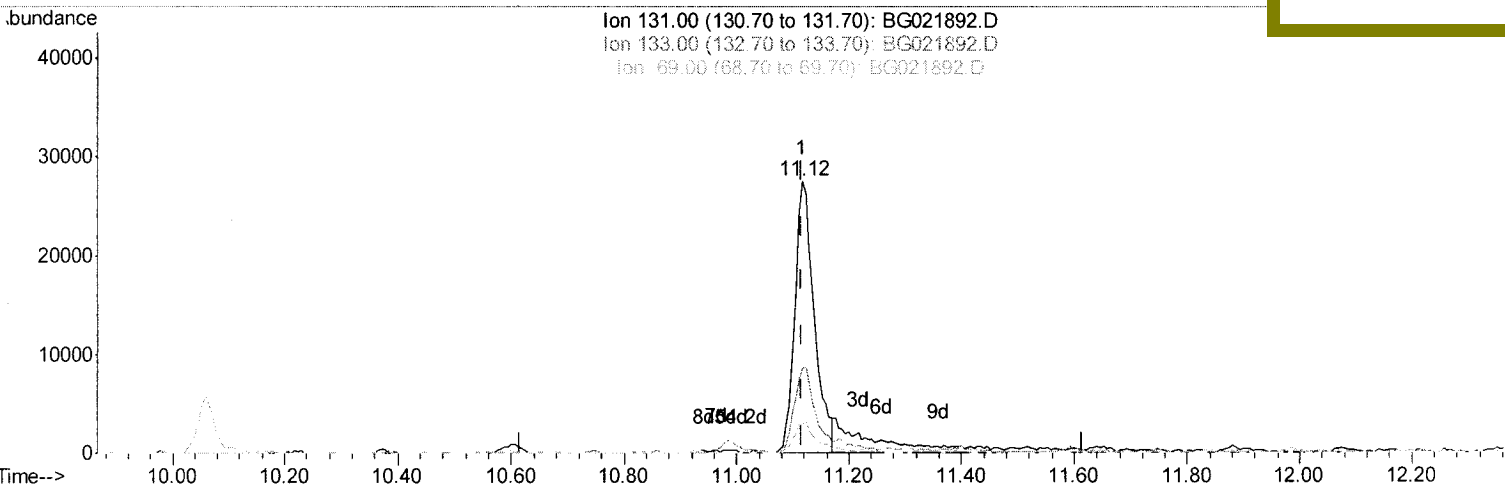
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Quant Time: May 16 01:28:39 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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TIC: BG021892.D

(29) 4-Chloroaniline-d4 (S)

11.117min (+0.002) 18.48ng/ul

response 66508

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.40
69.00	23.00	10.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

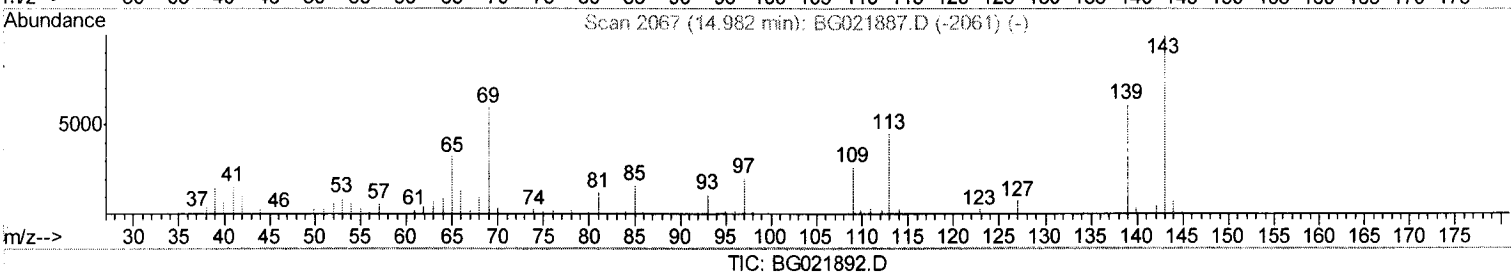
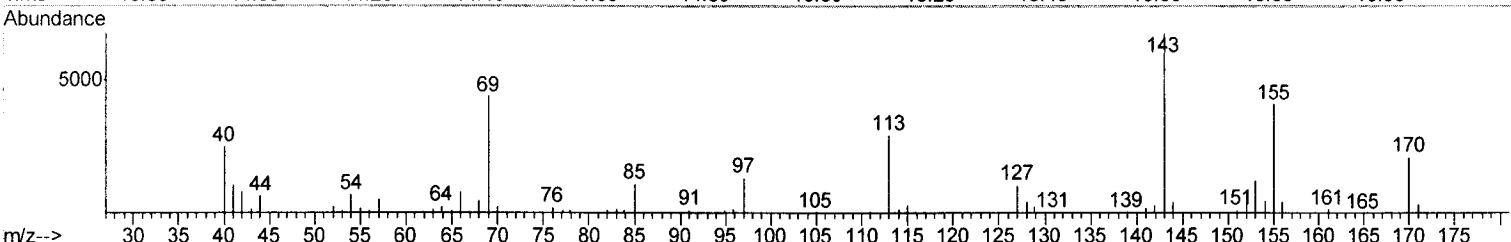
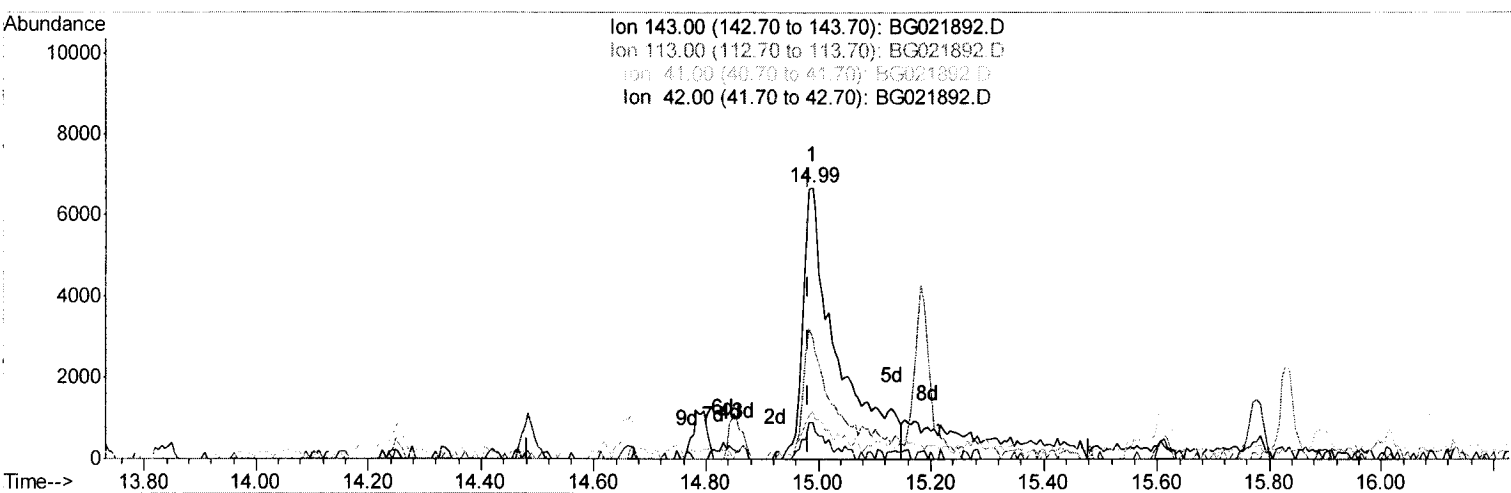
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 01:28:39 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)

14.989min (+0.007) 12.97ng/ul m U.M

response 28428

05/17/16

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	44.78#
41.00	49.70	17.76#
42.00	33.70	13.84#

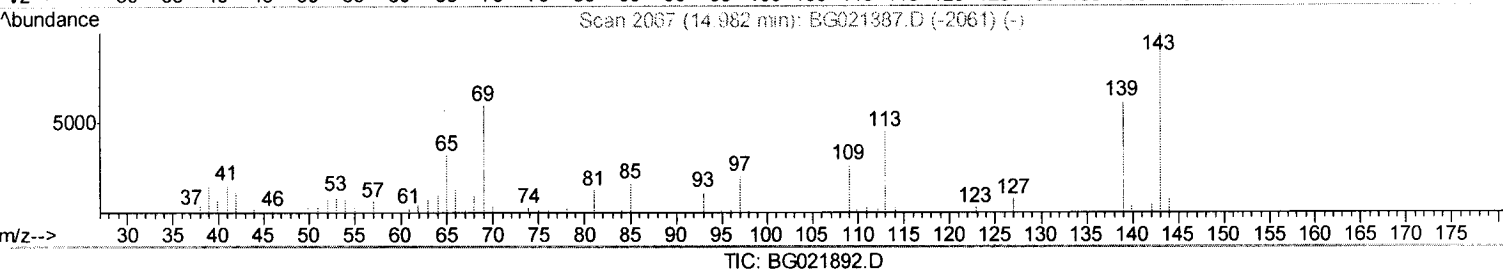
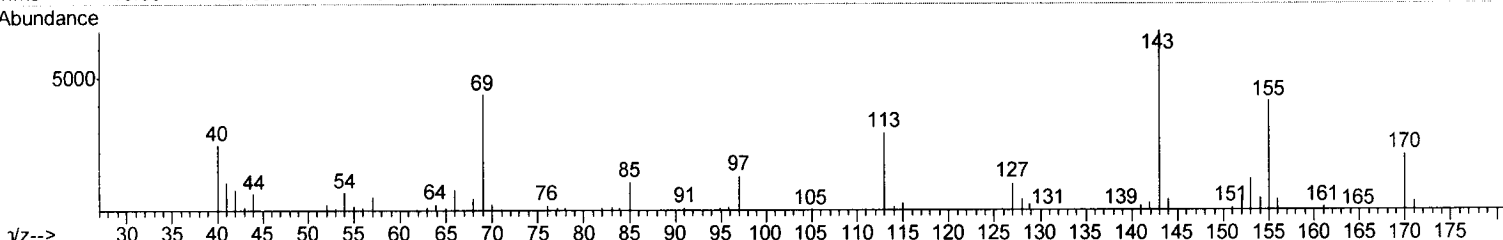
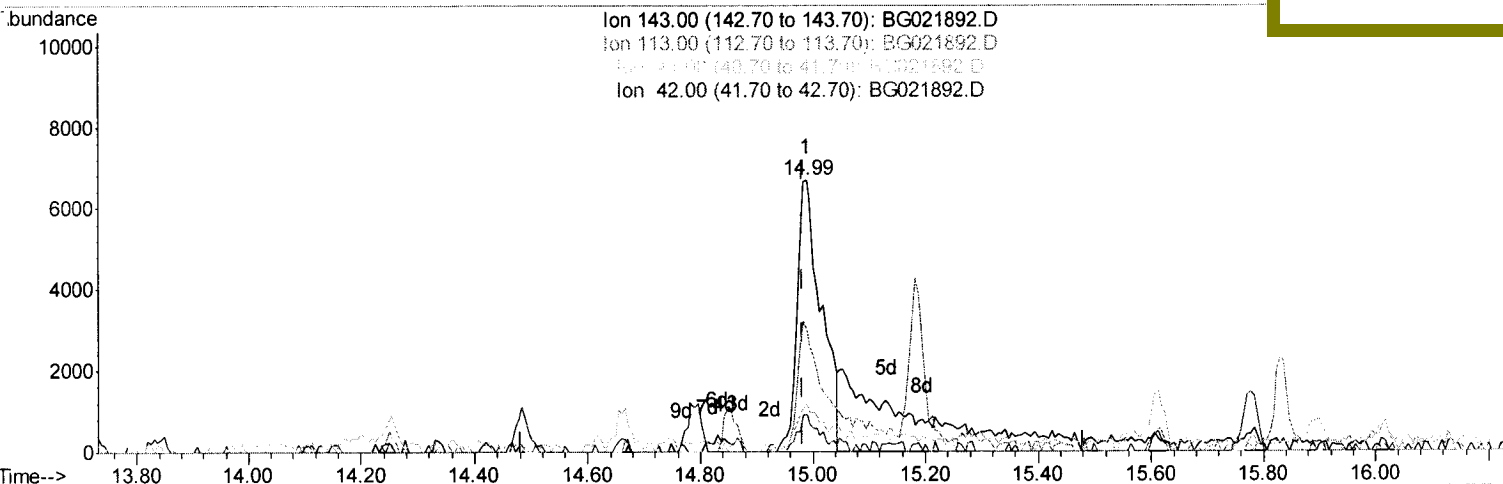
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Quant Time: May 16 01:28:39 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

sohil
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(52) 4-Nitrophenol-d4 (S)

14.989min (+0.007) 9.03ng/ul

response 19777

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	44.78#
41.00	49.70	17.76#
42.00	33.70	13.84#

Quantitation Report (Qedit)

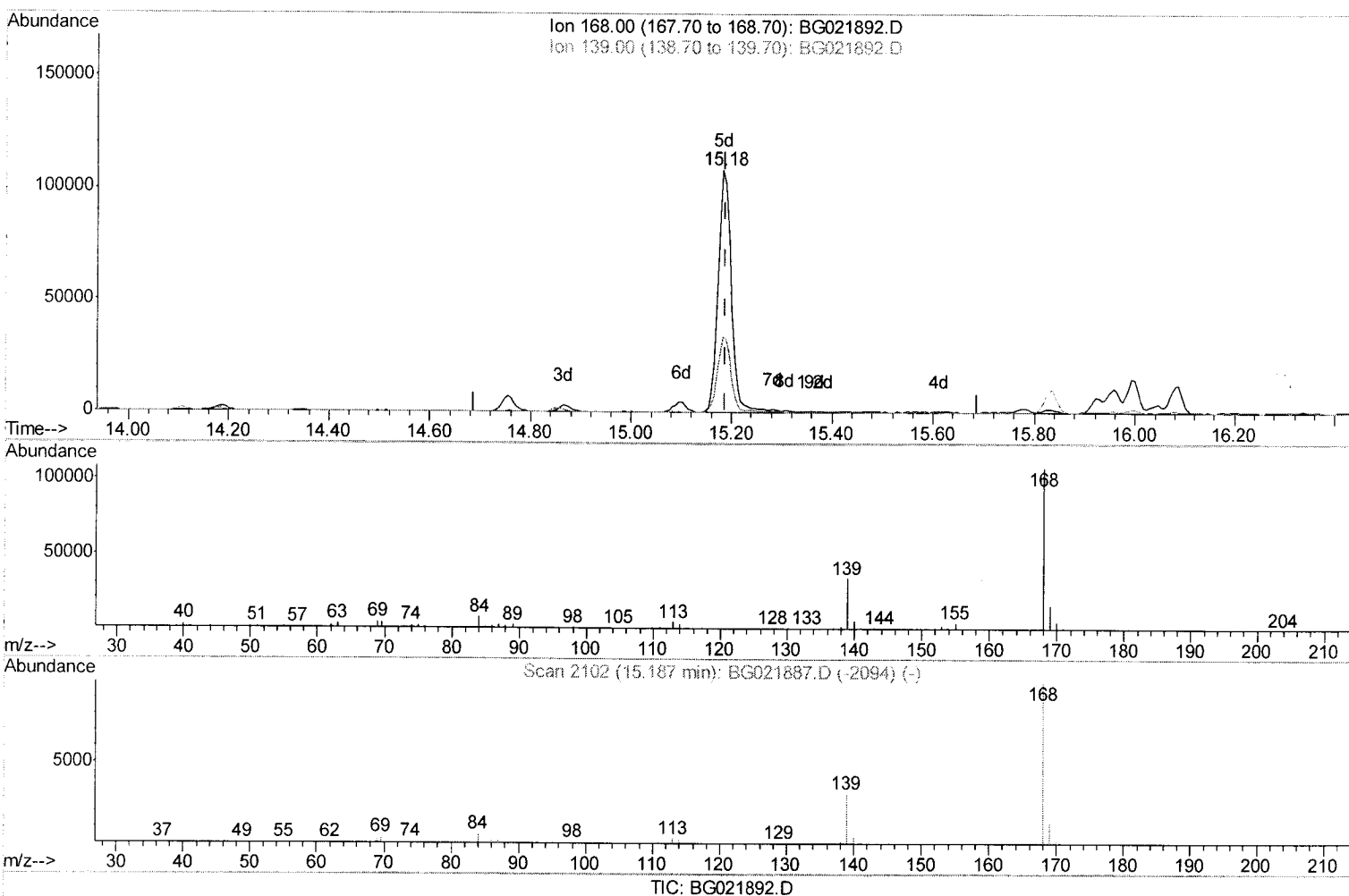
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 01:28:39 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) Dibenzofuran

15.183min (-0.004) 11.44ng/ul m

response 198233

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	31.55#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 05/17/16

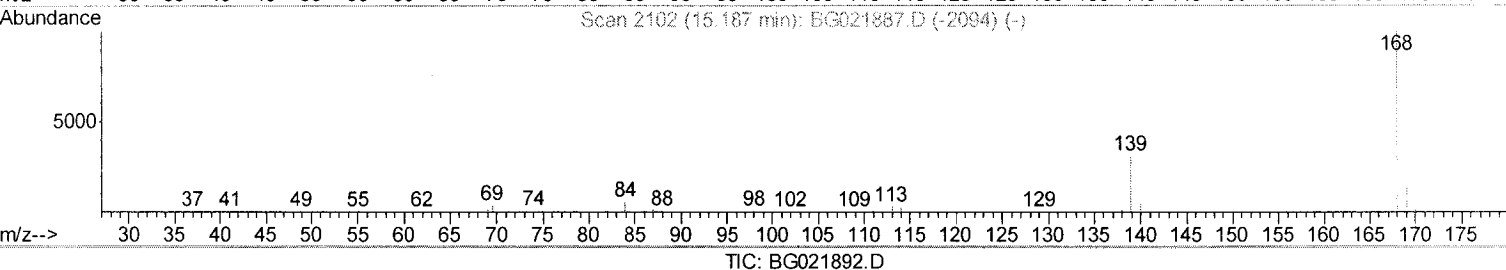
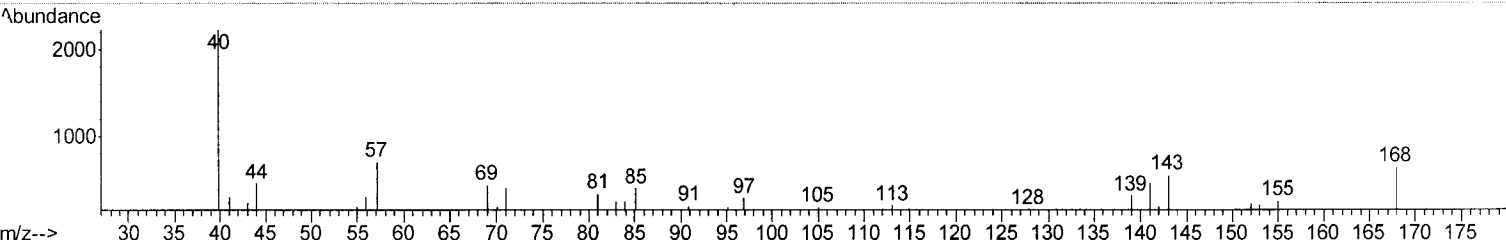
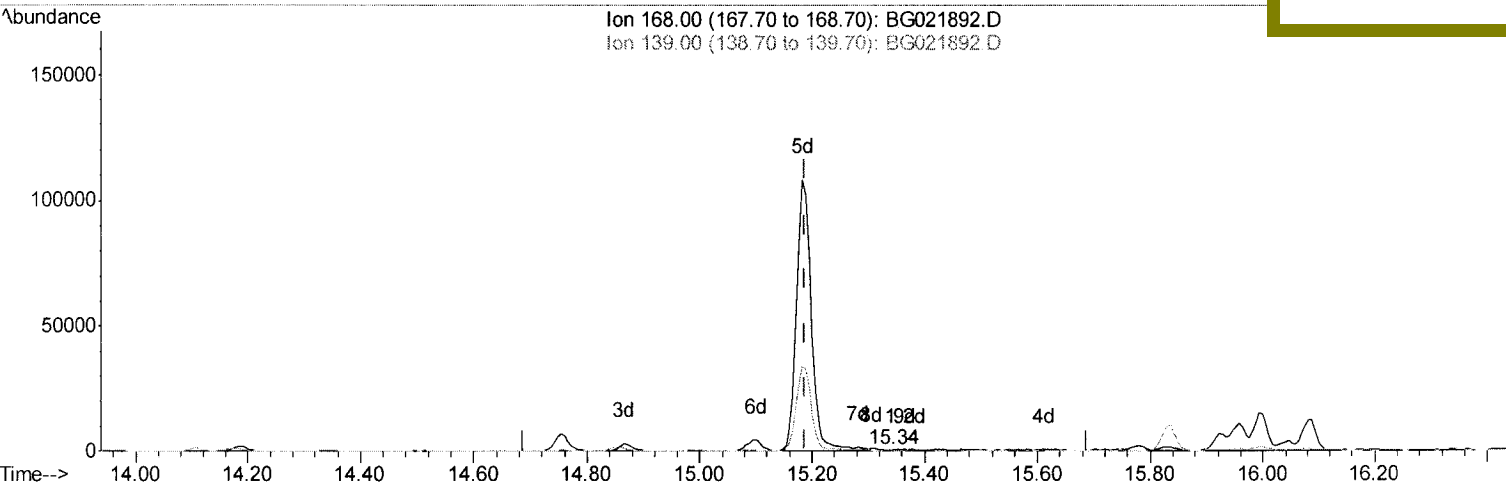
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Quant Time: May 16 01:28:39 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

sohil
5/16/2016 7:03:53 PM



(54) Dibenzofuran

15.342min (+0.154) 0.03ng/ul

response 480

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	49.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

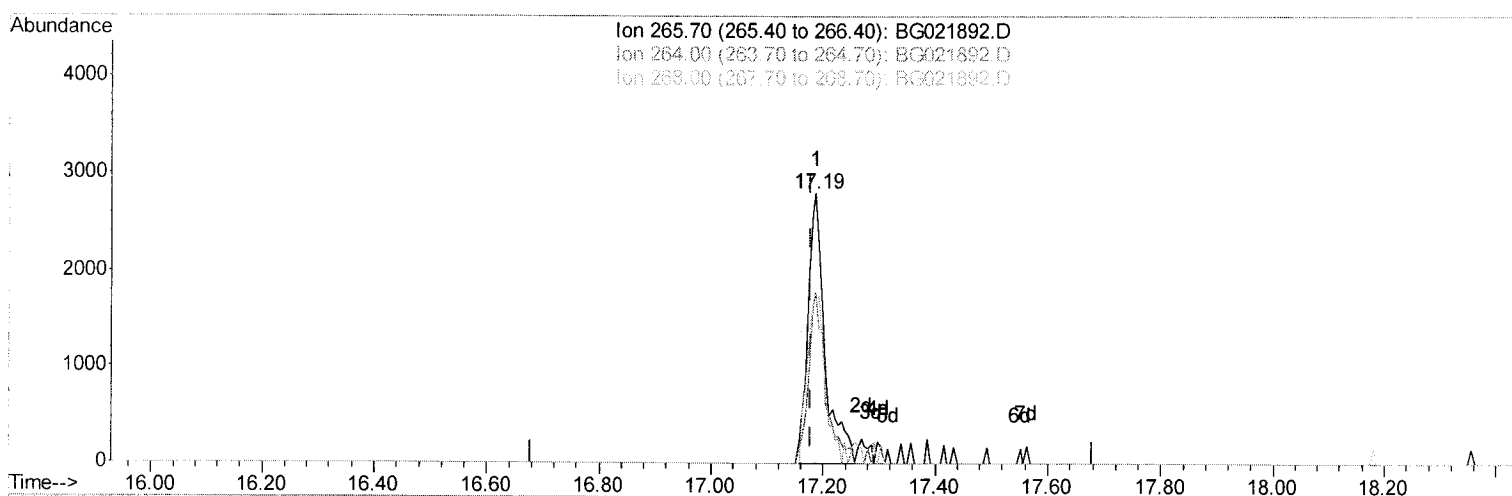
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
 APPROVED

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Quant Time: May 16 01:28:39 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



Quantitation Report (Qedit)

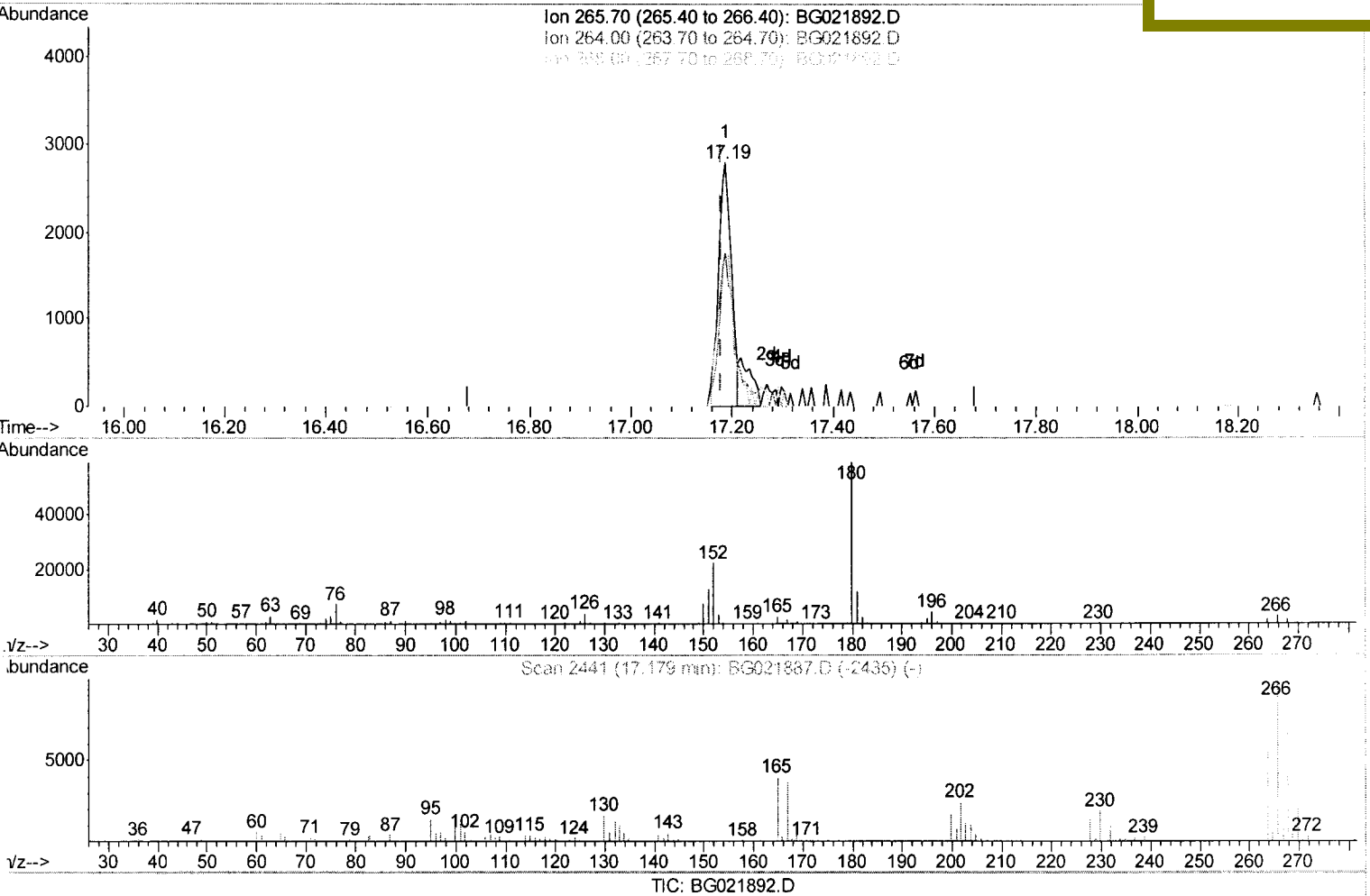
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Quant Time: May 16 01:28:39 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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(69) Pentachlorophenol (C)

17.186min (+0.007) 2.76ng/ul

response 5010

Ion	Exp%	Act%
265.70	100	100
264.00	70.90	63.80
268.00	63.30	59.72
0.00	0.00	0.00

Quantitation Report (Qedit)

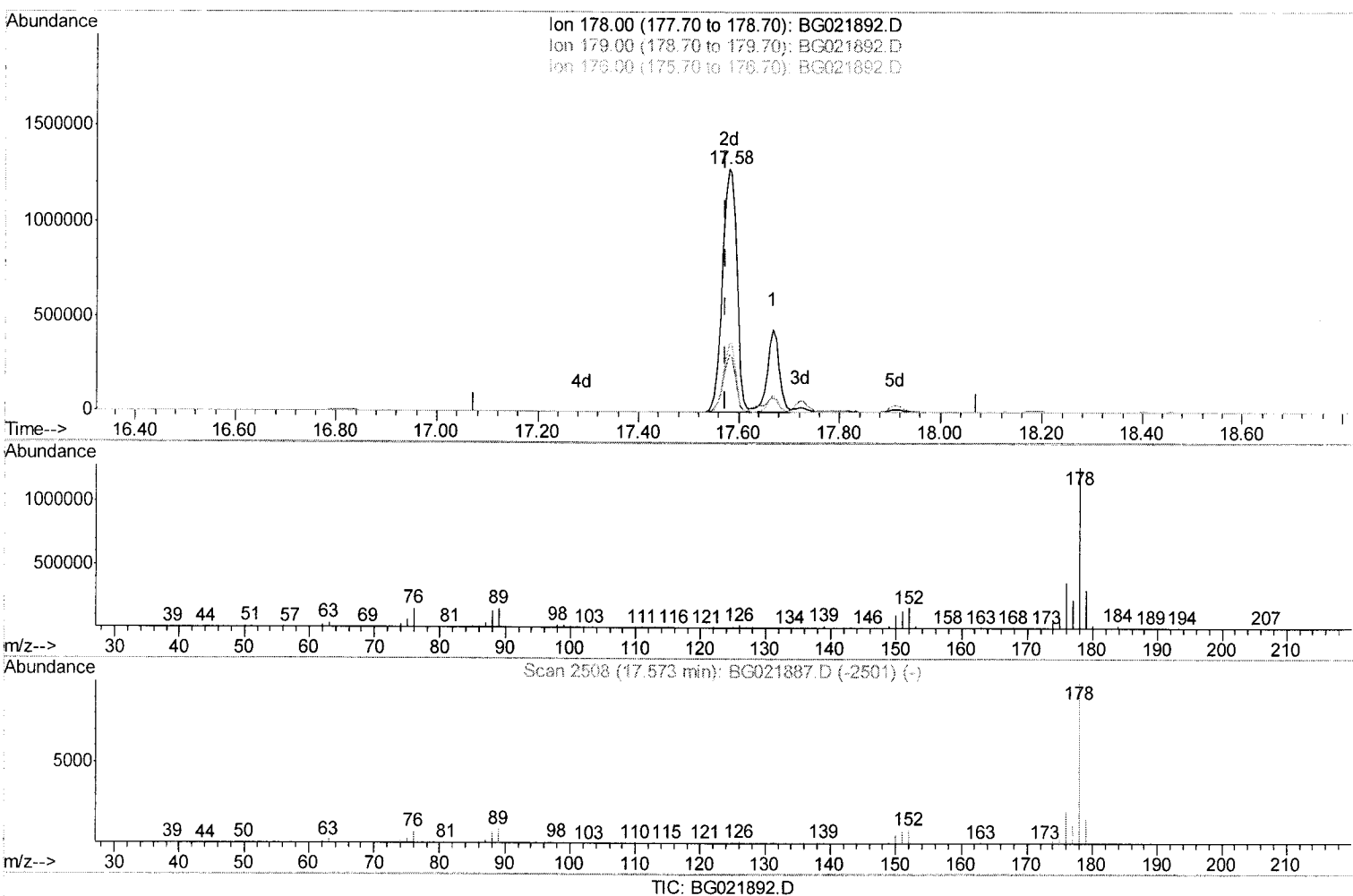
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
 APPROVED

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Quant Time: May 16 01:28:39 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



(70) Phenanthrene

17.580min (+0.007) 119.03ng/ul m U.M
05/17/16

response 2561452

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	23.67#
176.00	18.50	28.84#
0.00	0.00	0.00

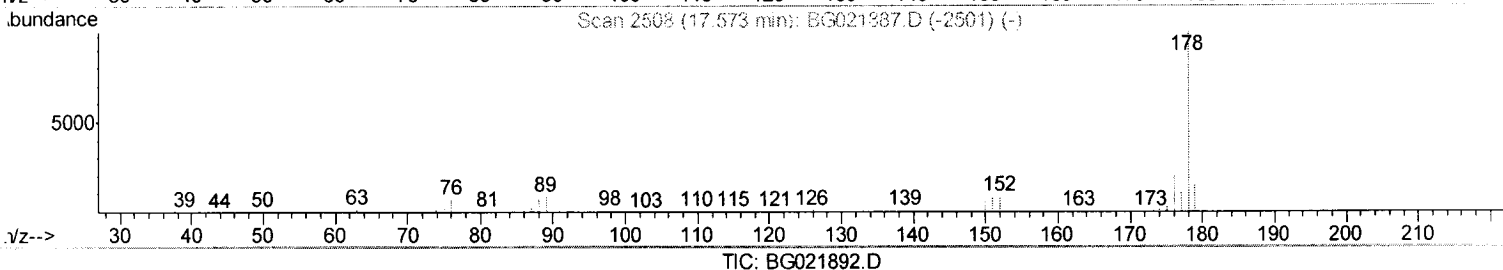
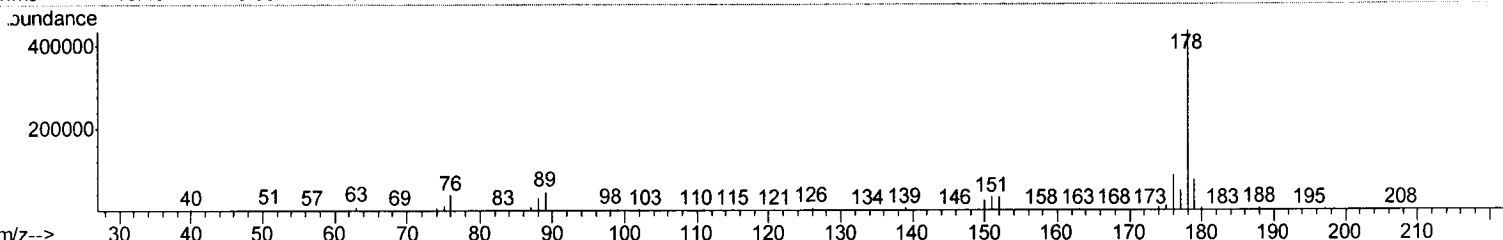
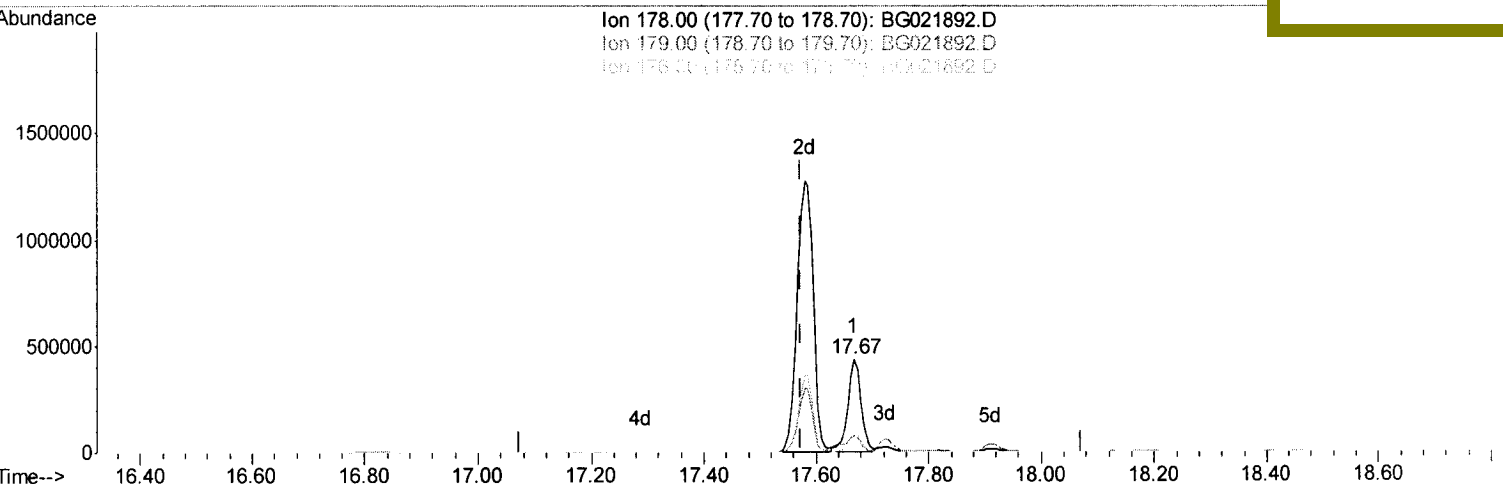
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Quant Time: May 16 01:28:39 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

sohil
5/16/2016 7:03:53 PM



(70) Phenanthrene

17.668min (+0.095) 32.72ng/ul

response 704106

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	17.35
176.00	18.50	20.02
0.00	0.00	0.00

Quantitation Report (Qedit)

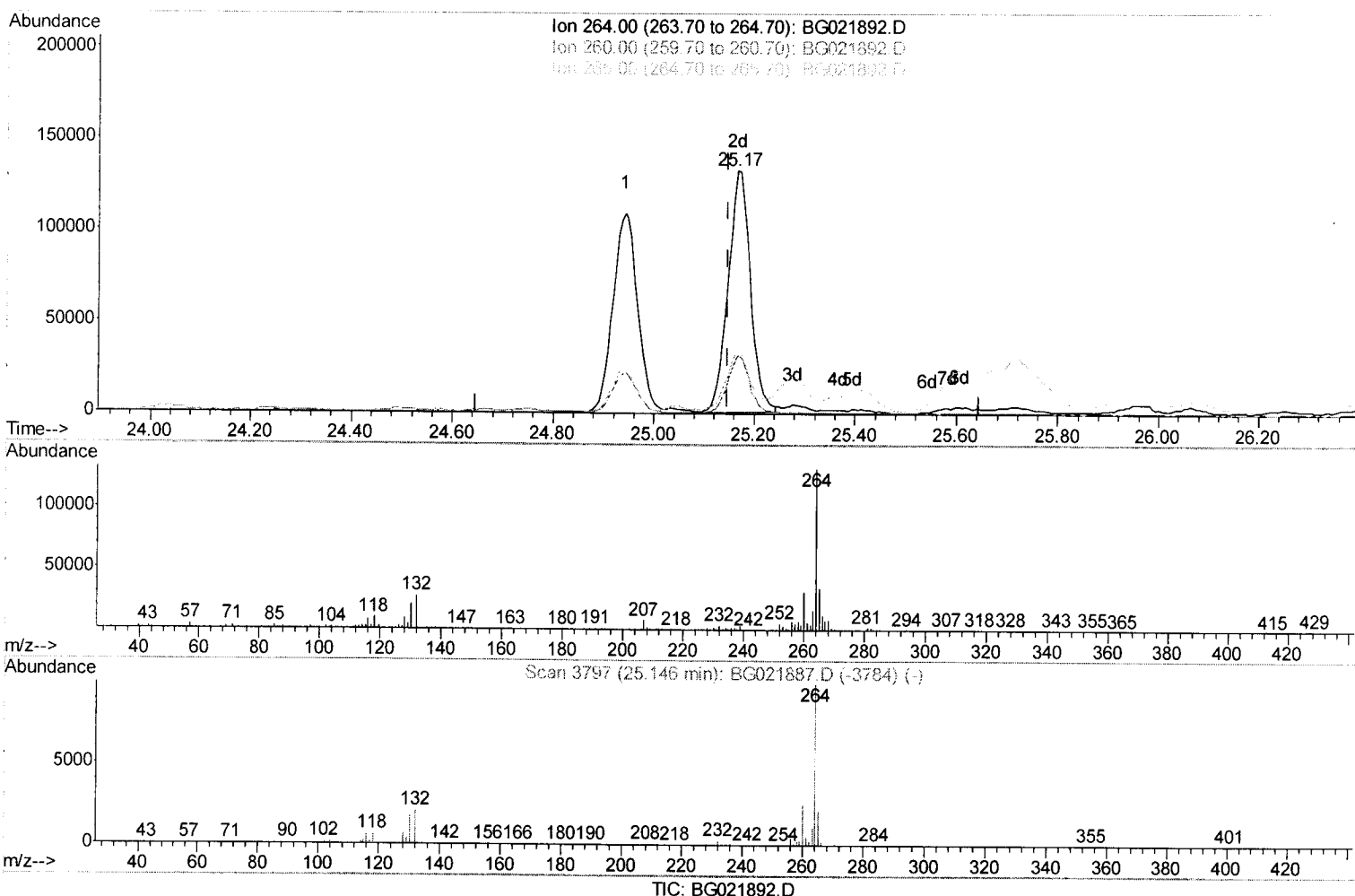
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 01:28:39 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



(84) Perylene-d12 (I)

25.165min (+0.019) 20.00ng/ul m U.M

response 409605

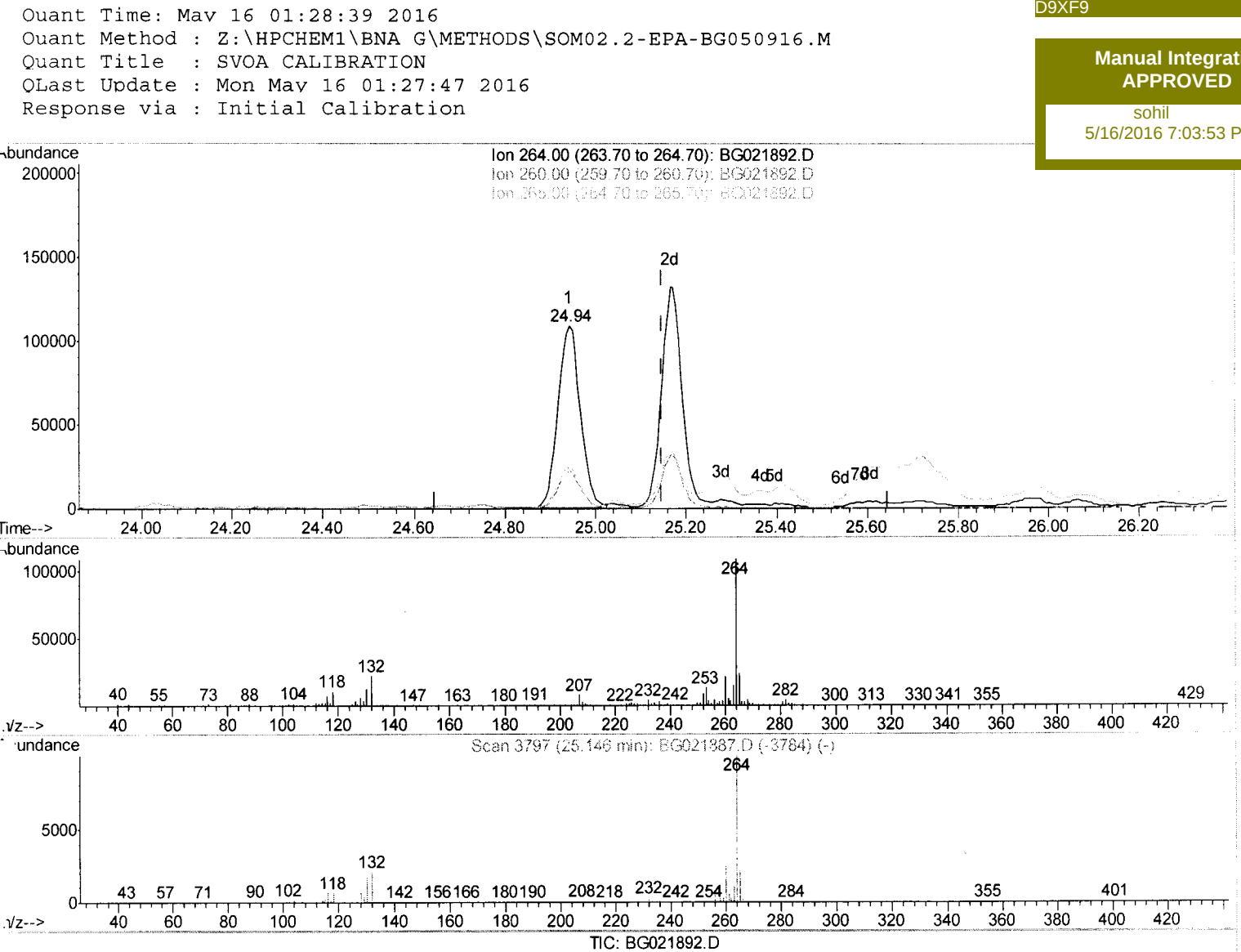
Ion	Exp%	Act%
264.00	100	100
260.00	22.10	24.31
265.00	21.10	26.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Manual Integrations
APPROVED

sohil
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(84) Perylene-d12 (I)

24.942min (-0.204) 20.00ng/ul

response 368248

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	20.16
265.00	21.10	21.94
0.00	0.00	0.00

Quantitation Report (Qedit)

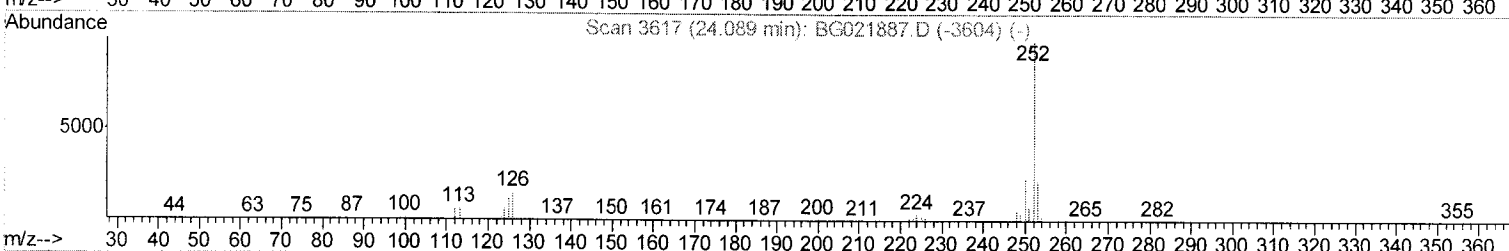
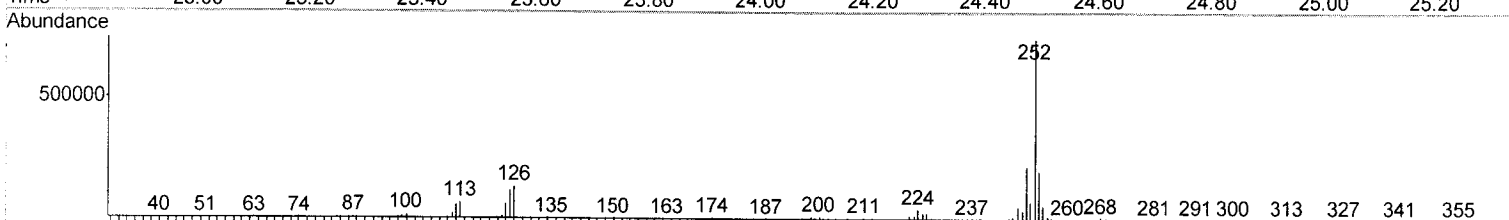
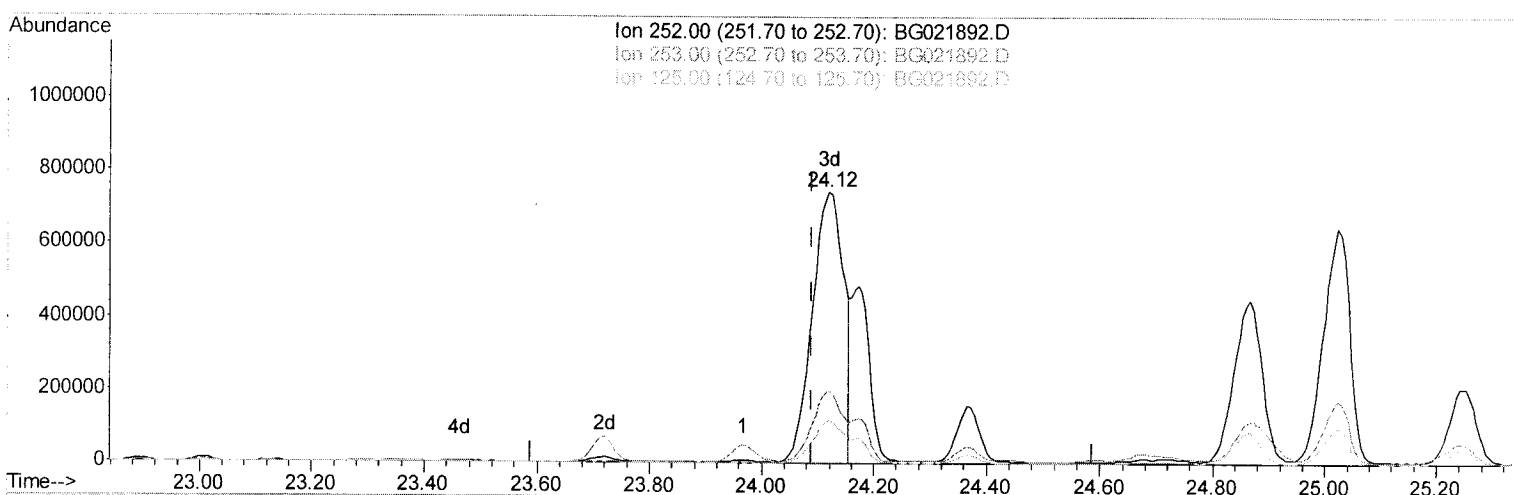
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
 APPROVED

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Quant Time: May 16 02:09:22 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: BG021892.D

(86) Benzo(b)fluoranthene

24.119min (+0.031) 124.83ng/ul m *U.M*
05/17/16
 response 2926796

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.98
125.00	9.50	15.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

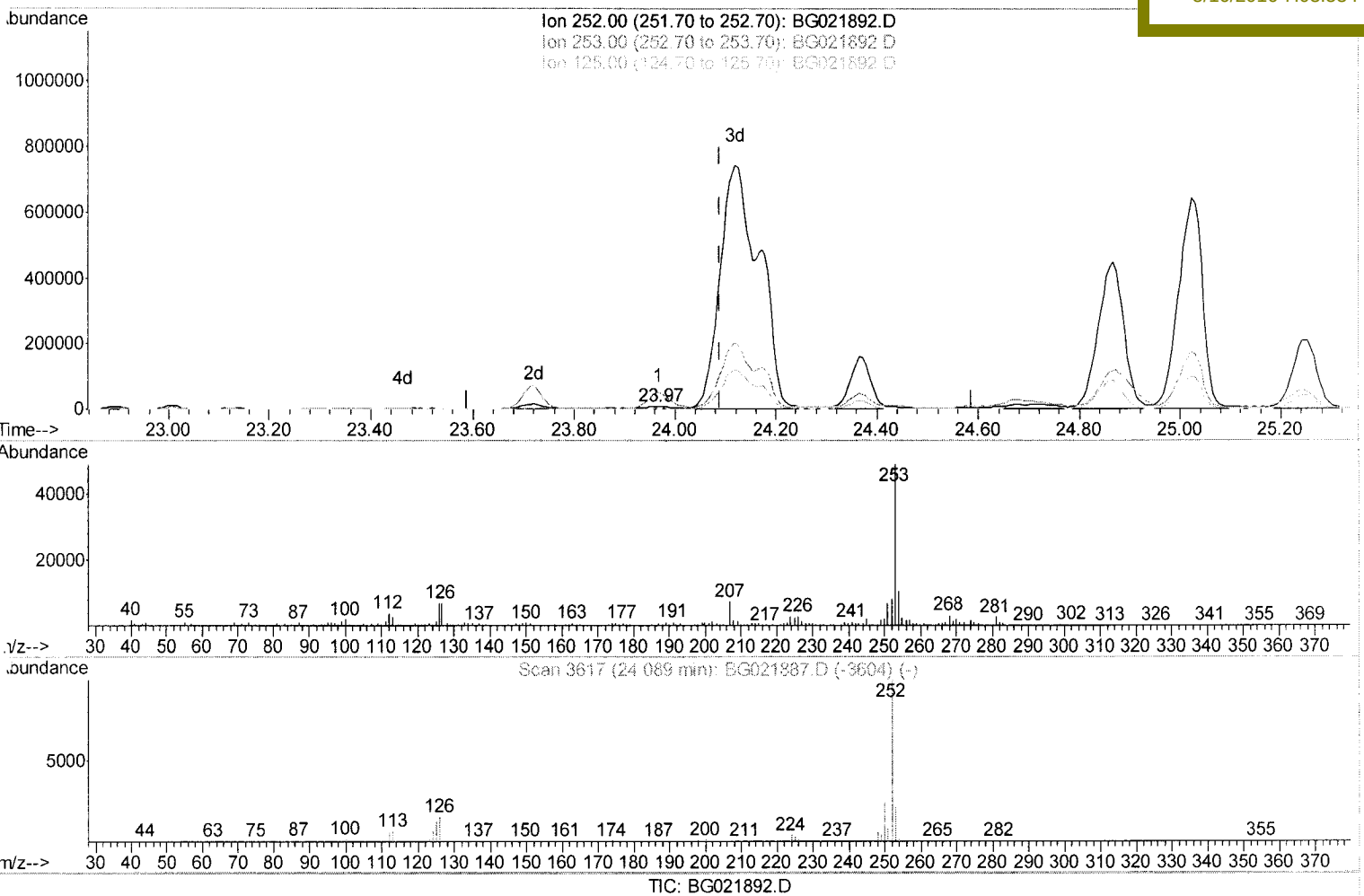
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Quant Time: May 16 02:09:22 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

sohil
 5/16/2016 7:03:53 PM



(86) Benzo(b)fluoranthene

23.967min (-0.122) 0.89ng/ul

response 20851

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	587.60#
125.00	9.50	17.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

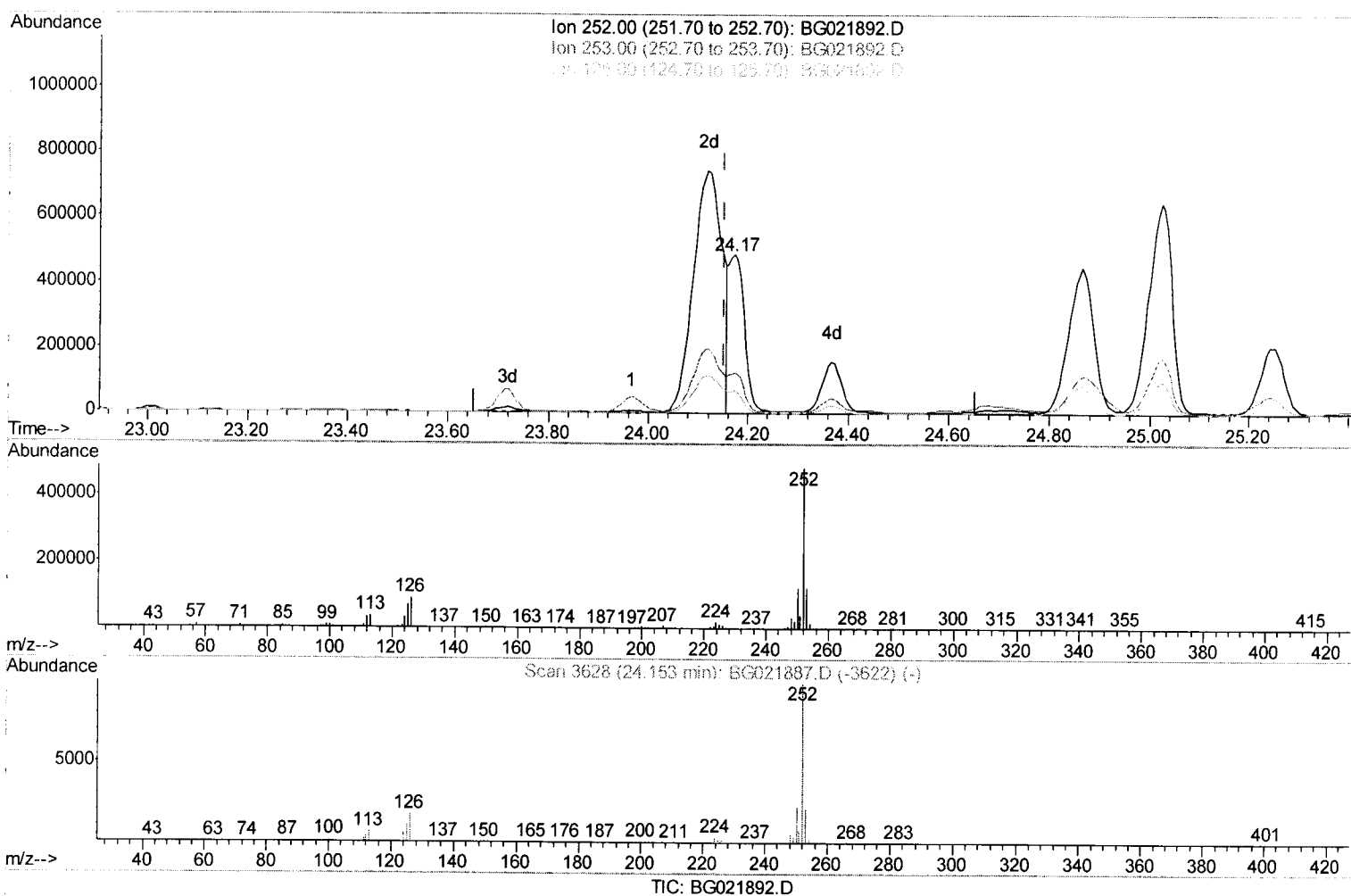
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 02:09:22 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

24.172min (+0.019) 43.40ng/ul m U.M

response 1089414

05/17/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.67
125.00	9.60	14.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

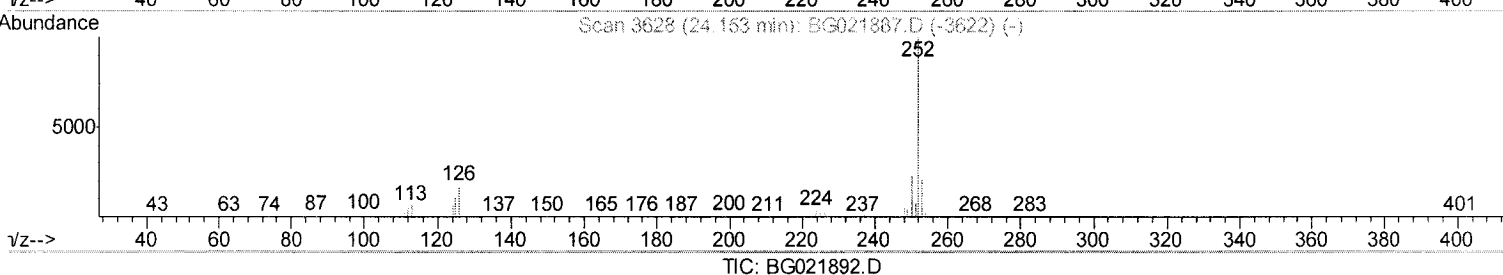
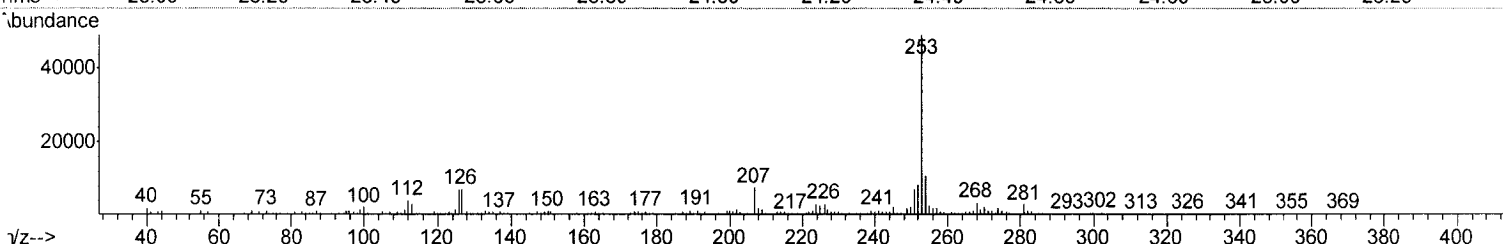
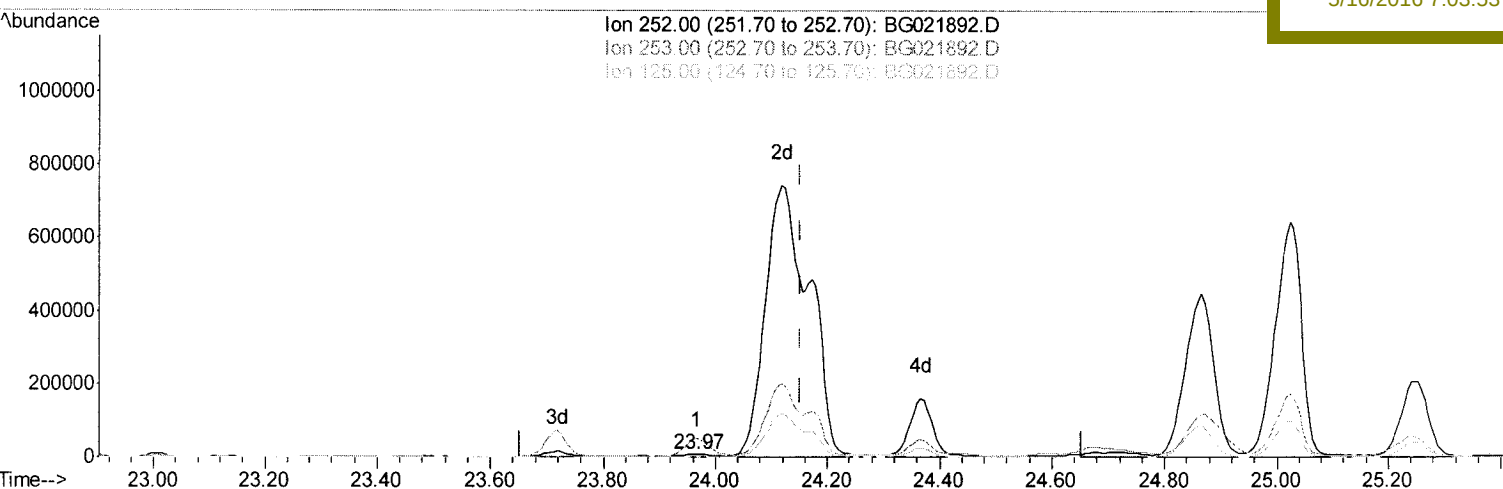
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Quant Time: May 16 02:09:22 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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(87) Benzo(k)fluoranthene

23.967min (-0.187) 0.83ng/ul

response 20851

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	587.60#
125.00	9.60	17.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

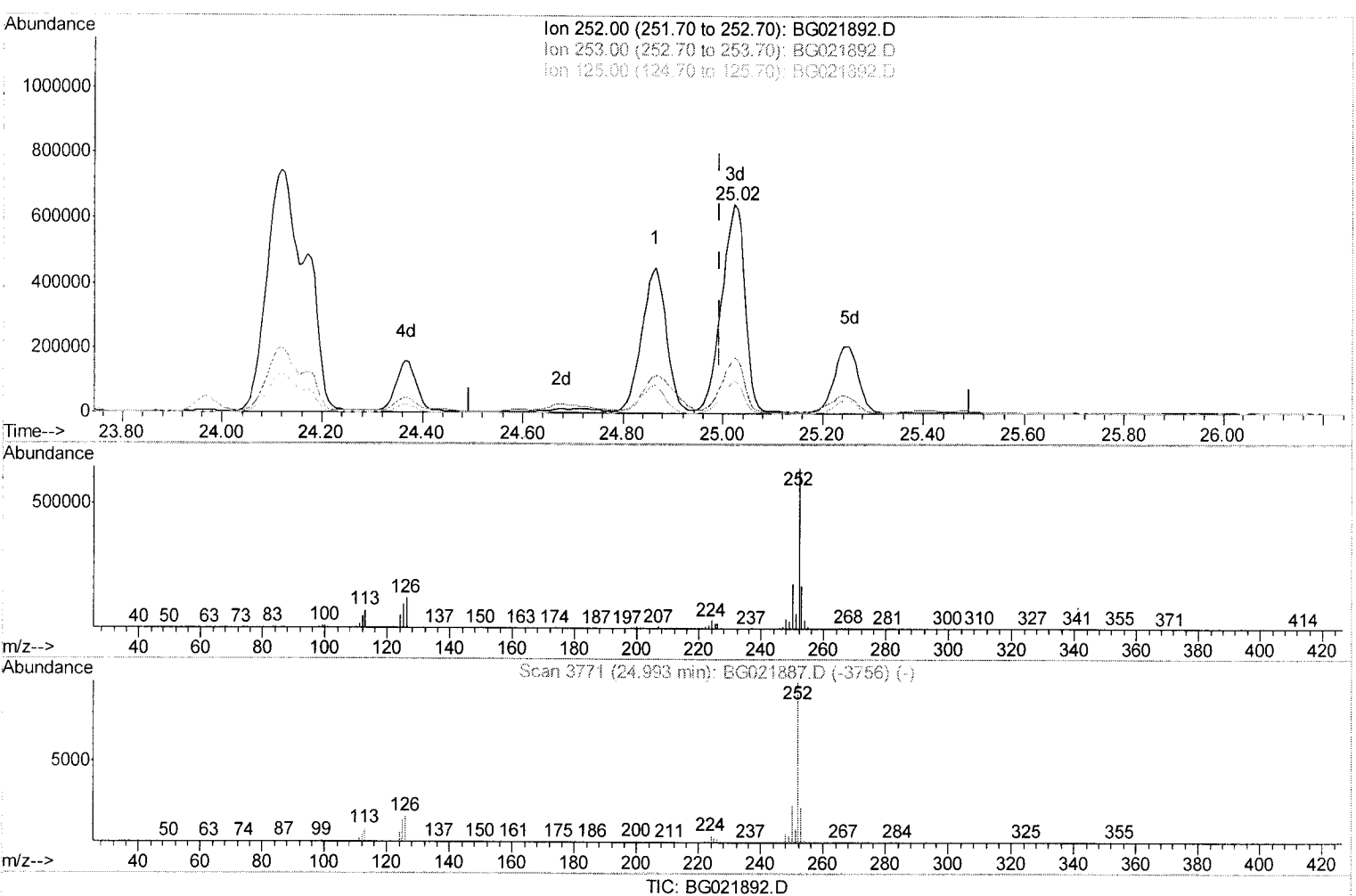
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 02:09:22 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)

25.024min (+0.031) 91.85ng/ul m *U.M*
05/17/16
 response 2143750

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	26.69#
125.00	10.20	15.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

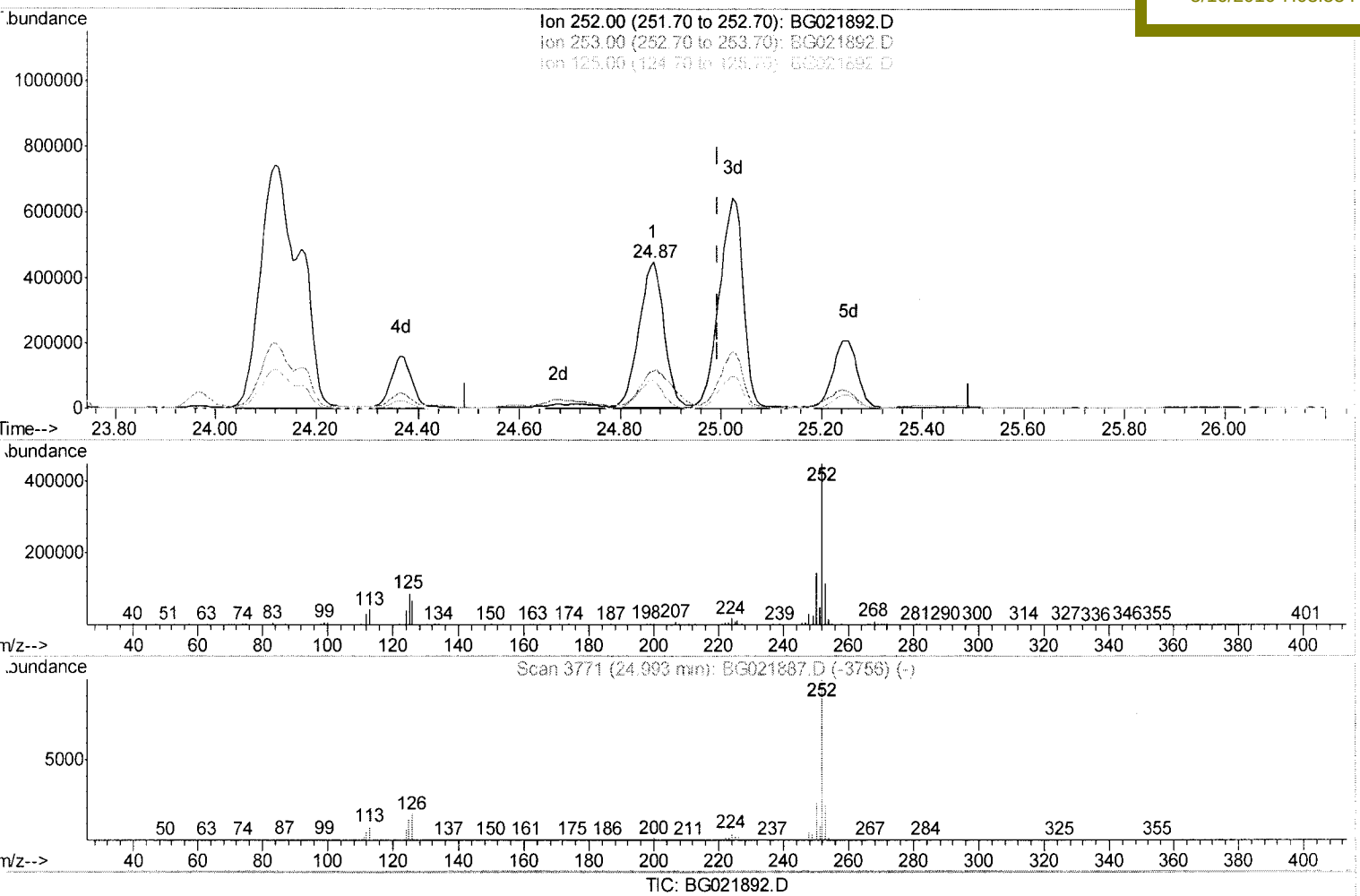
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Quant Time: May 16 02:09:22 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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(89) Benzo(a)pyrene (C)

24.866min (-0.128) 65.52ng/ul

response 1529155

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.43
125.00	10.20	19.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

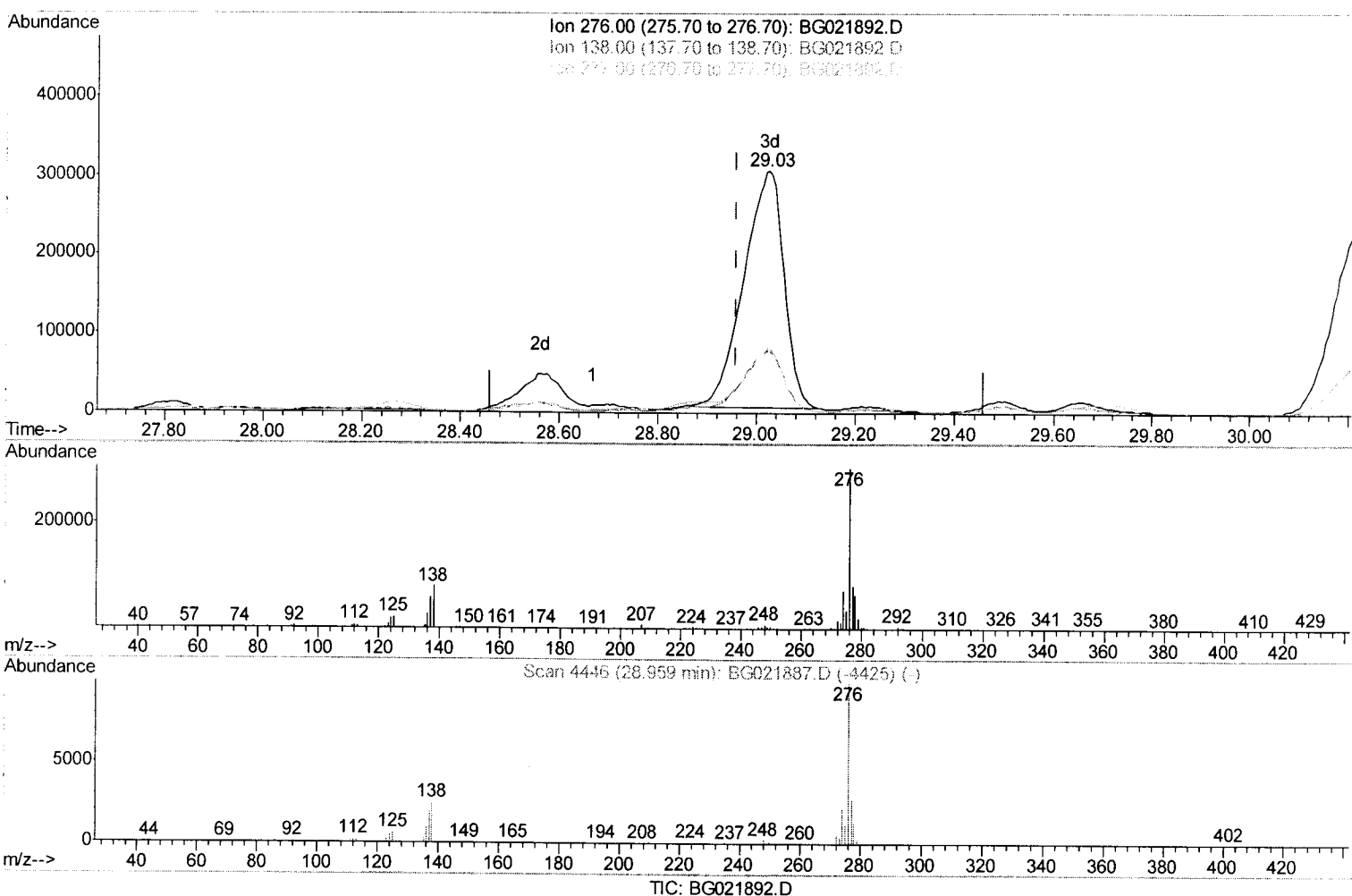
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 02:09:22 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

29.026min (+0.066) 61.27ng/ul m U.M

response 1694839

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	25.89#
277.00	23.80	27.06
0.00	0.00	0.00

Quantitation Report (Qedit)

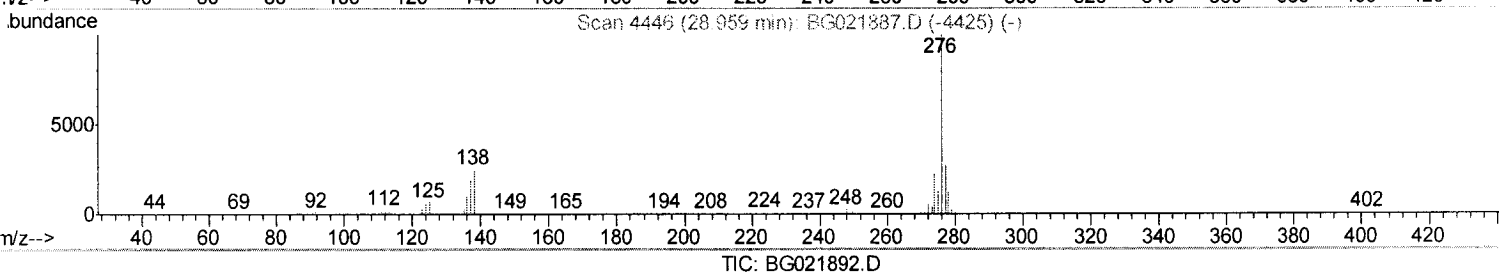
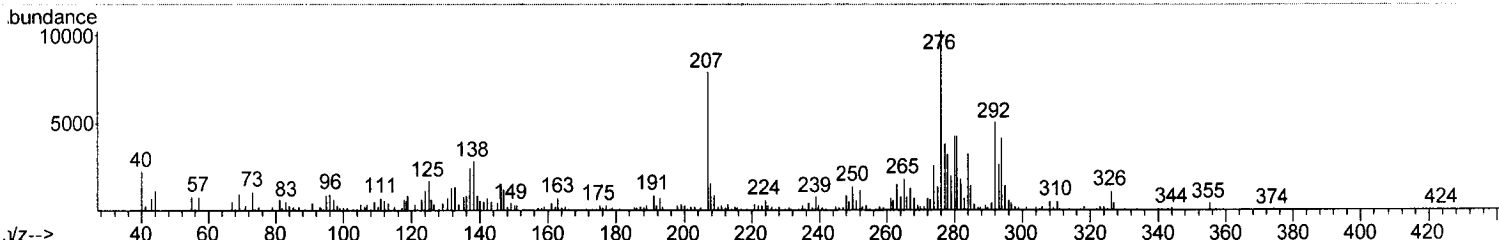
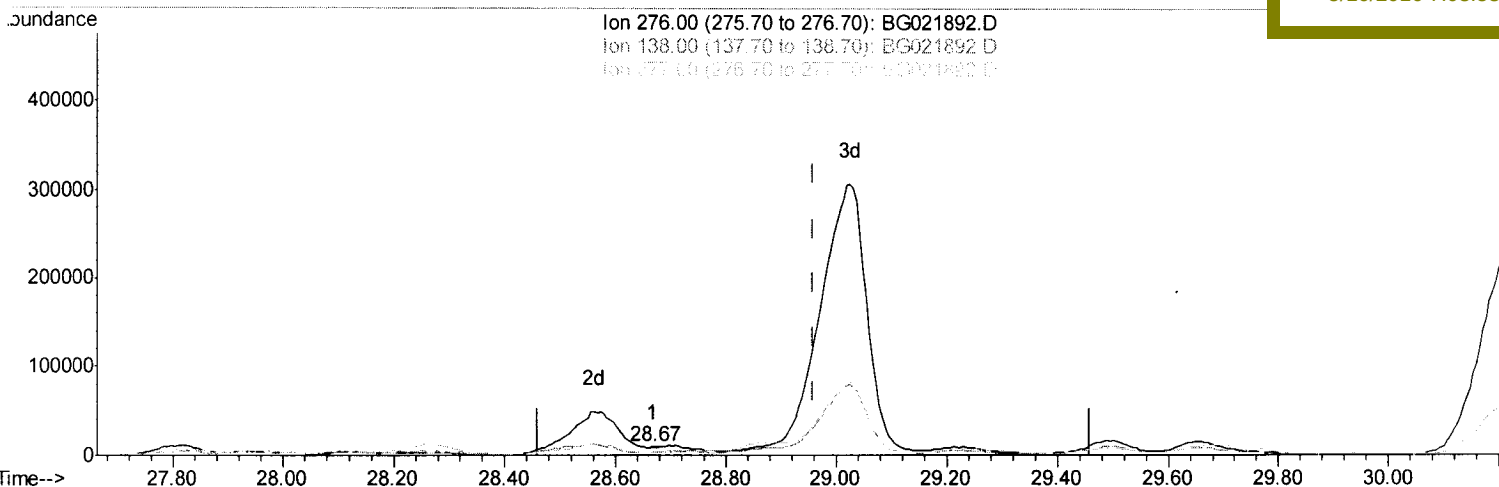
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9

Quant Time: May 16 02:09:22 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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(90) Indeno(1,2,3-cd)pyrene

28.667min (-0.292) 0.07ng/ul

response 1820

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	28.41#
277.00	23.80	37.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

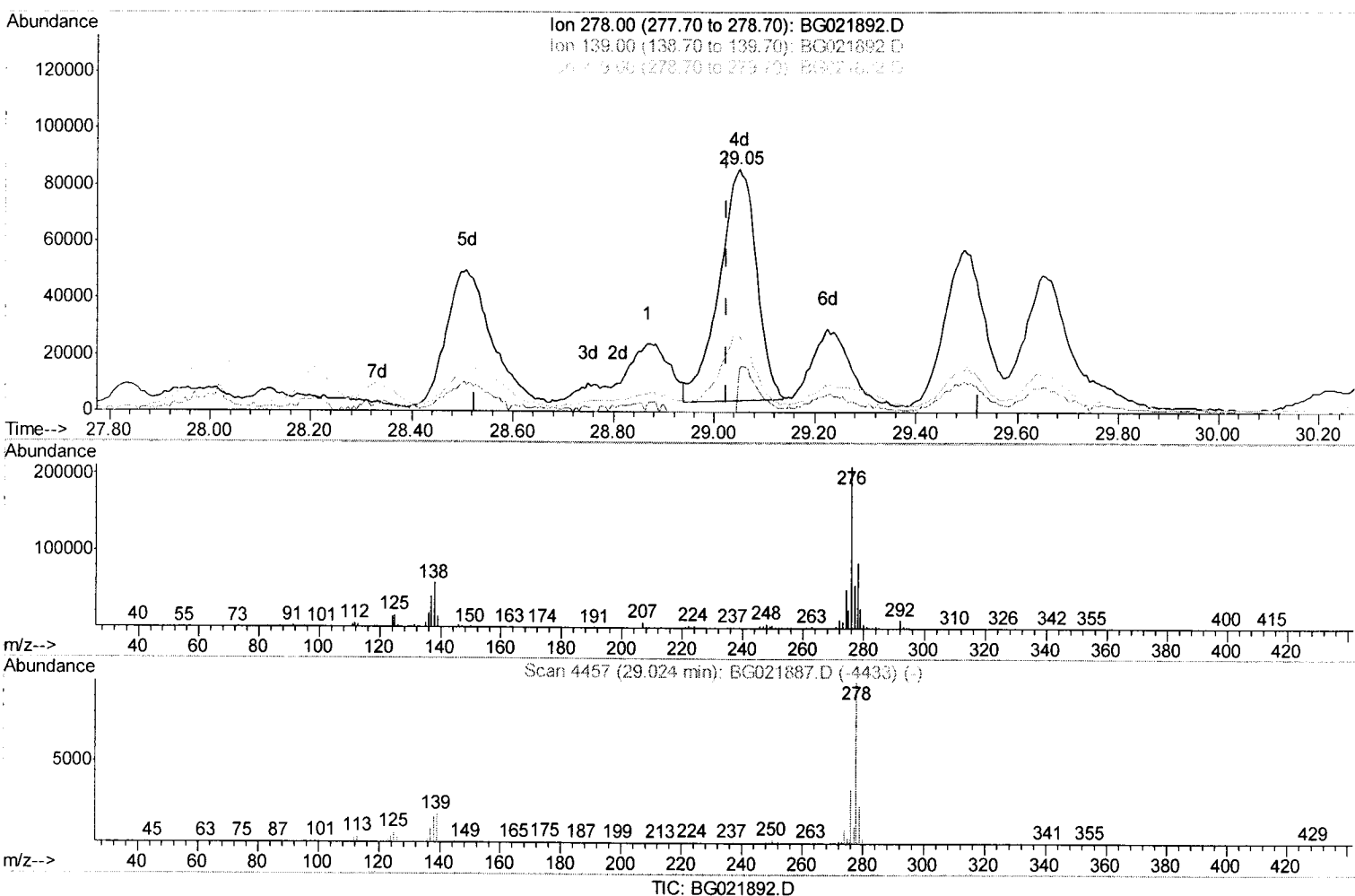
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 02:09:22 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

29.049min (+0.025) 18.36ng/ul m U.M

response 422695

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	17.85
279.00	24.80	31.25#
0.00	0.00	0.00

05/17/16

Quantitation Report (Qedit)

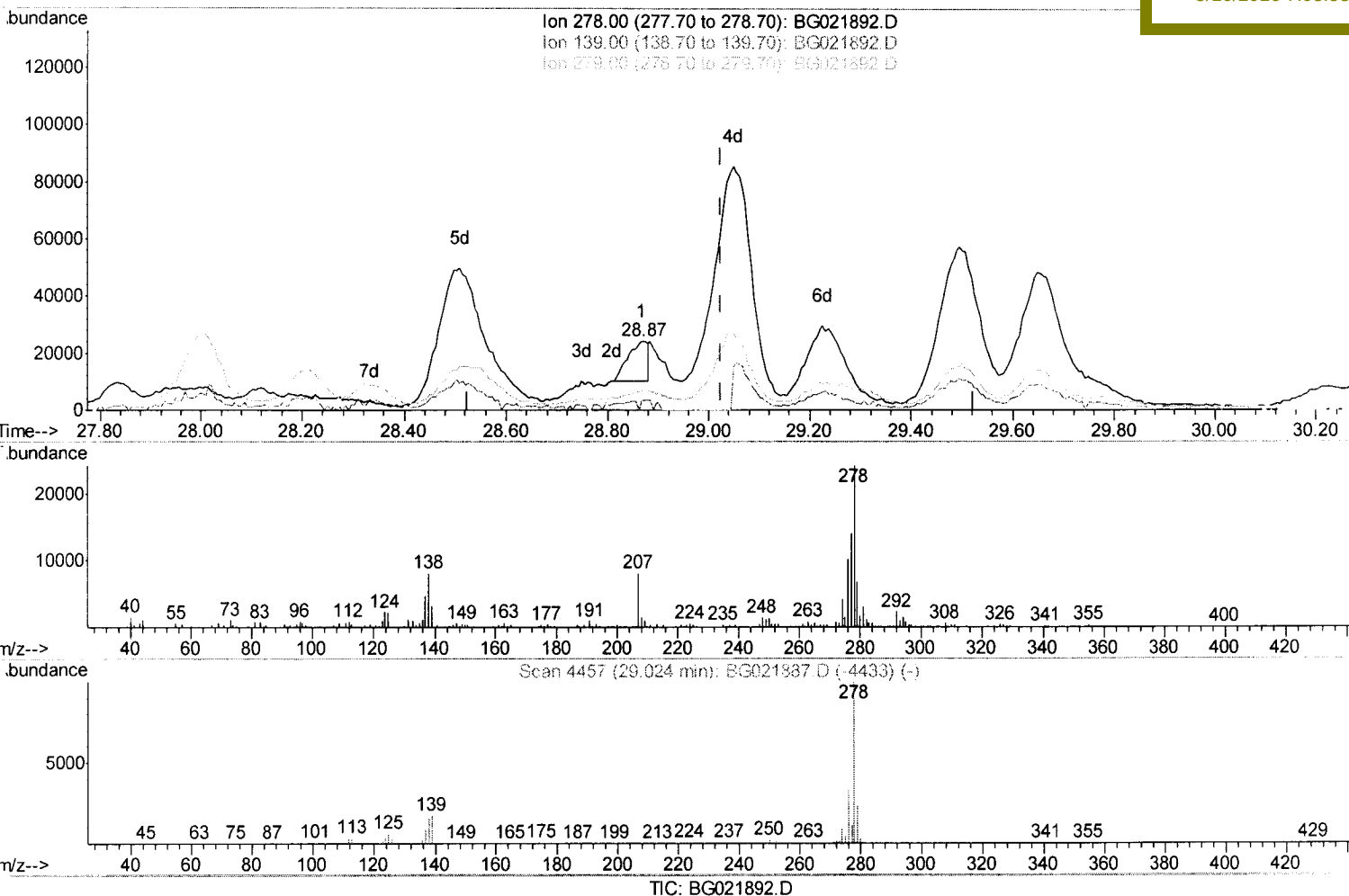
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
D9XF9

Quant Time: May 16 02:09:22 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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(91) Dibenzo(a,h)anthracene

28.867min (-0.157) 1.63ng/ul

response 37535

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	13.58
279.00	24.80	27.71
0.00	0.00	0.00

Quantitation Report (Qedit)

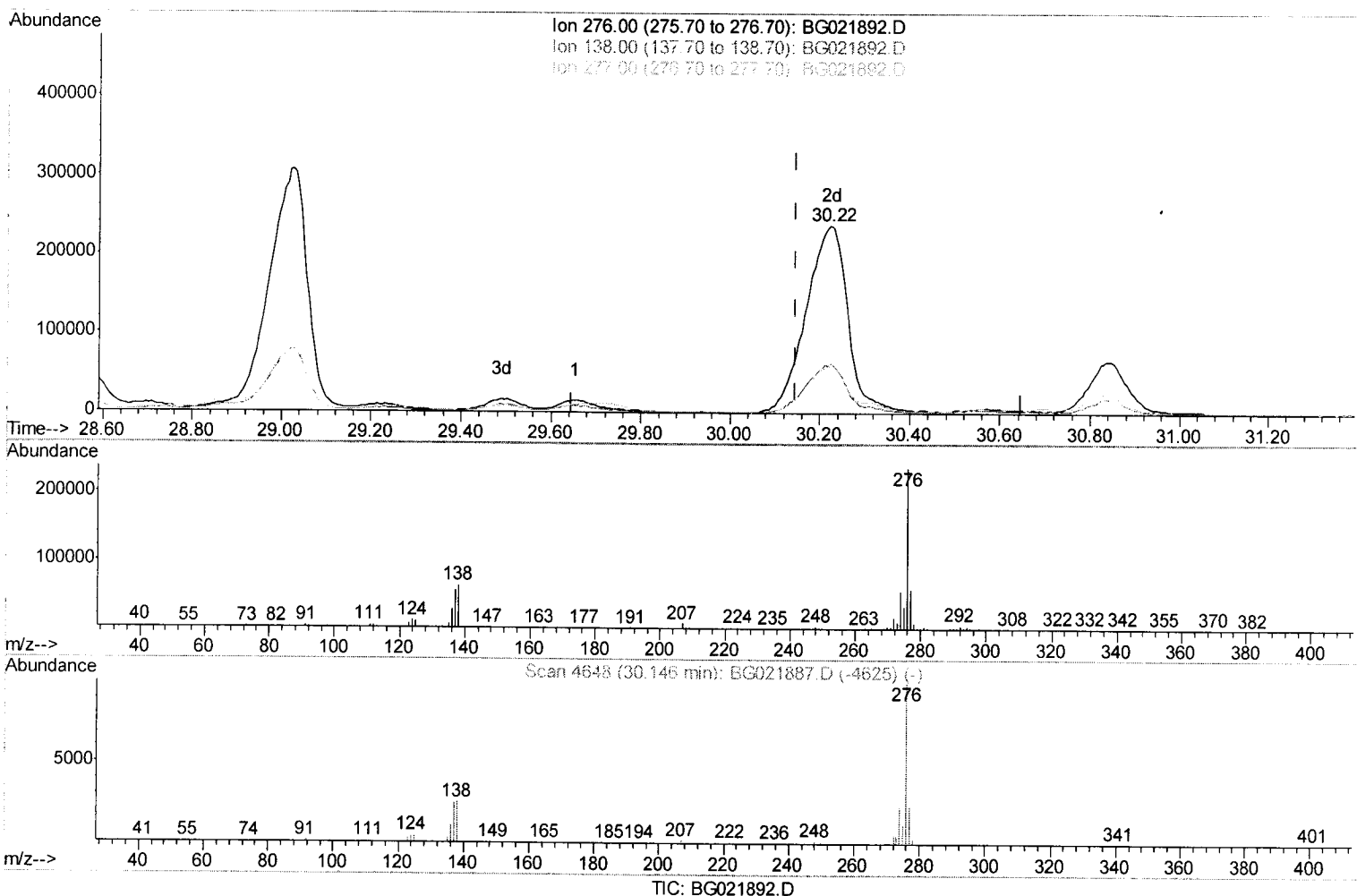
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 D9XF9

Manual Integrations
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Quant Time: May 16 02:09:22 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

30.224min (+0.078) 68.01ng/ul m UM
 response 1552543 05/17/16

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	26.15#
277.00	24.70	24.56
0.00	0.00	0.00

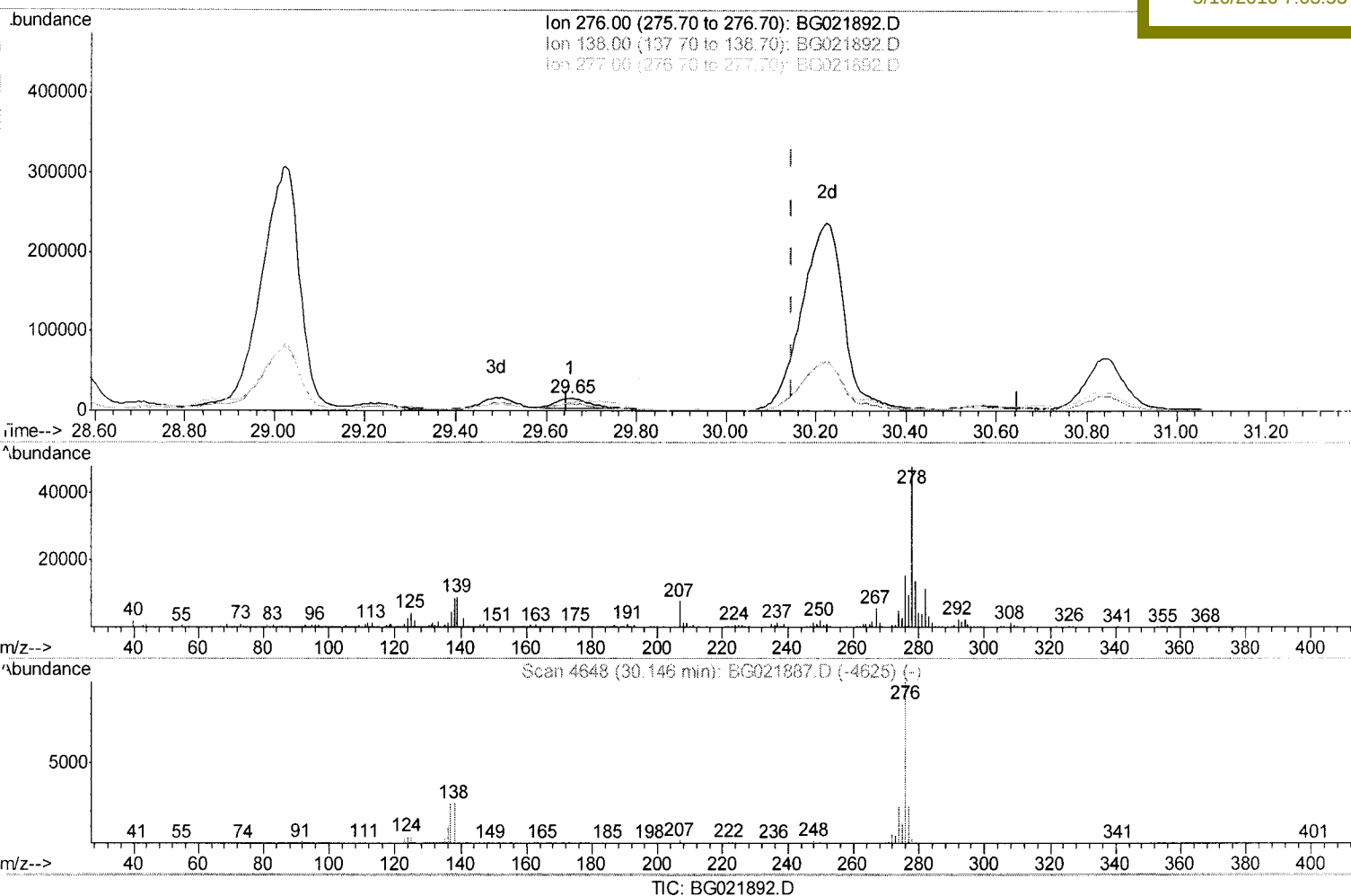
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021892.D
Acq On : 15 May 2016 14:14
Operator : UM/SJ
Sample : H3096-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
D9XF9

Quant Time: May 16 02:09:22 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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(92) Benzo(g,h,i)perylene

29.654min (-0.492) 2.95ng/ul

response 67439

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	56.46#
277.00	24.70	61.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9XF9

Quant Time: May 16 02:11:20 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	284556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	181987	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	393598	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	405266	20.00	ng/ul	0.01
84) Perylene-d12	25.17	264	409605m	20.00	ng/ul	0.02

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 05/17/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2926	2.82	ng/uL	0.00
5) Phenol-d5	7.31	99	69166	18.63	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.48	67	33613	18.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	67177	23.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	49958	16.02	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	36657	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	39012	33.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	75710m	22.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	75008m	20.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	269017	21.05	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	355419	19.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	28428m	12.97	ng/ul	0.00
58) Fluorene-d10	15.78	176	248259	18.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	30502	27.98	ng/ul	0.00
71) Anthracene-d10	17.63	188	367172	19.16	ng/ul	0.00
77) Pyrene-d10	19.91	212	387953	20.45	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	368248	18.92	ng/ul	0.02

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Target Compounds

						Ovalue
28) Naphthalene	11.03	128	477026	33.43	ng/ul	99
34) 2-Methylnaphthalene	12.63	142	78284	7.45	ng/ul	98
35) 1-Methylnaphthalene	12.84	142	46263	4.44	ng/ul#	99
41) 1,1'-Biphenyl	13.63	154	24469	1.73	ng/ul	92
45) Dimethylphthalate	14.23	163	124749	9.58	ng/ul	99
50) Acenaphthene	14.85	153	379059	29.34	ng/ul	98
54) Dibenzofuran	15.18	168	198233m	11.44	ng/ul	
59) Fluorene	15.84	166	254957	17.02	ng/ul	99
69) Pentachlorophenol	17.19	266	5948m	3.28	ng/ul	
70) Phenanthrene	17.58	178	2561452m	119.03	ng/ul	
72) Anthracene	17.67	178	704106	32.21	ng/ul	98
73) Carbazole	17.93	167	550854	29.07	ng/ul#	96
75) Fluoranthene	19.58	202	3140158	128.44	ng/ul#	73
78) Pyrene	19.95	202	2852892	121.68	ng/ul#	75
81) Benzo(a)anthracene	21.80	228	2017914	89.47	ng/ul#	87
82) Bis(2-ethylhexyl)phthalate	21.69	149	18593	2.20	ng/ul#	97
83) Chrysene	21.88	228	1880005	84.27	ng/ul#	86
86) Benzo(b)fluoranthene	24.12	252	2926796m	124.83	ng/ul	
87) Benzo(k)fluoranthene	24.17	252	1089414m	43.40	ng/ul	
89) Benzo(a)pyrene	25.02	252	2143750m	91.85	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.03	276	1694839m	61.27	ng/ul	
91) Dibenzo(a,h)anthracene	29.05	278	422695m	18.36	ng/ul	
92) Benzo(g,h,i)perylene	30.22	276	1552543m	68.01	ng/ul	

U.M
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U.M
 05/17/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021892.D
 Acq On : 15 May 2016 14:14
 Operator : UM/SJ
 Sample : H3096-04
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9

Manual Integrations
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 5/16/2016 7:03:53 PM

Quant Time: May 16 02:11:20 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)

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