

Quantitation Report (QT Reviewed)

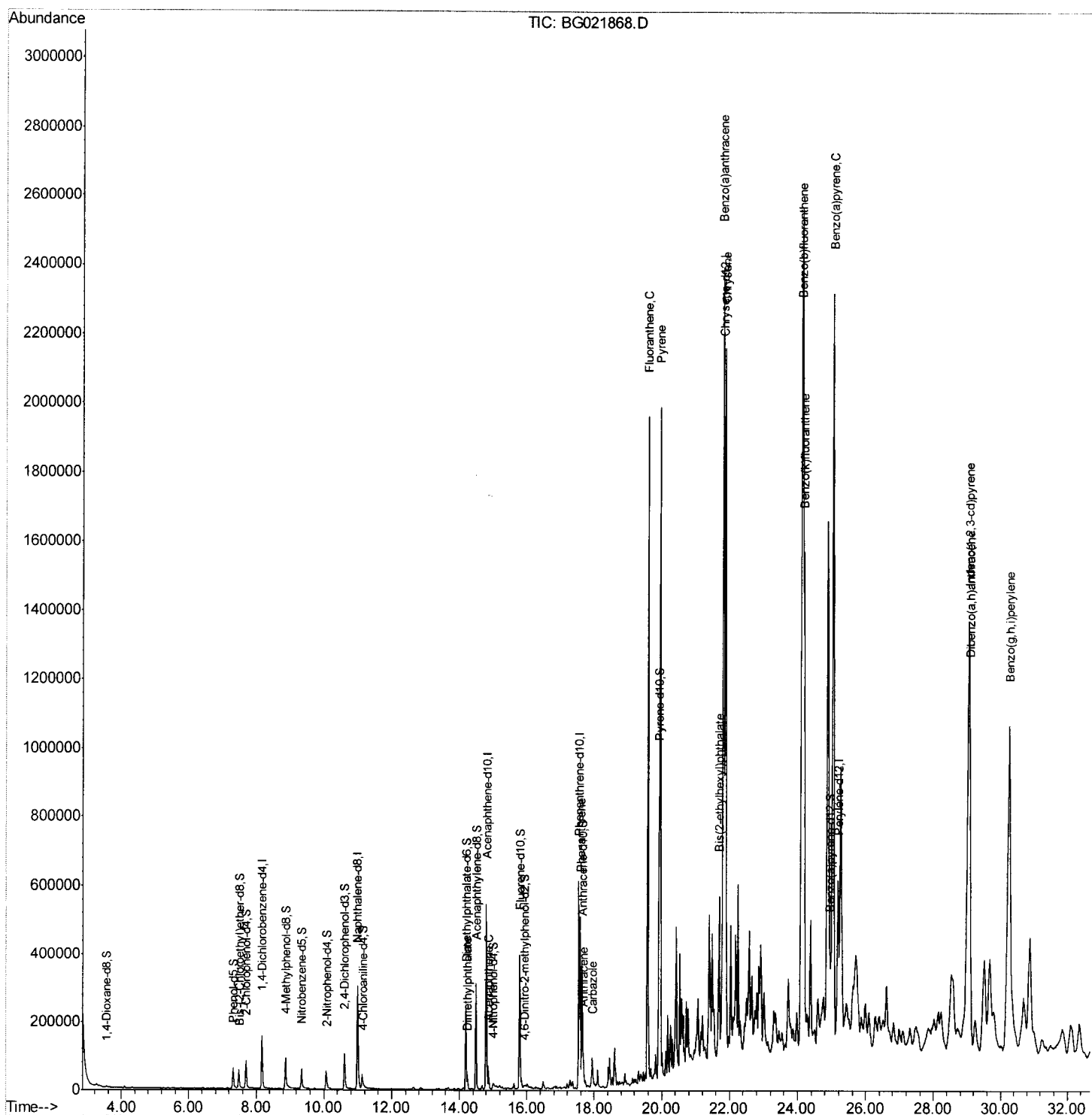
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:11:01 PM

Quant Time: May 13 05:28:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

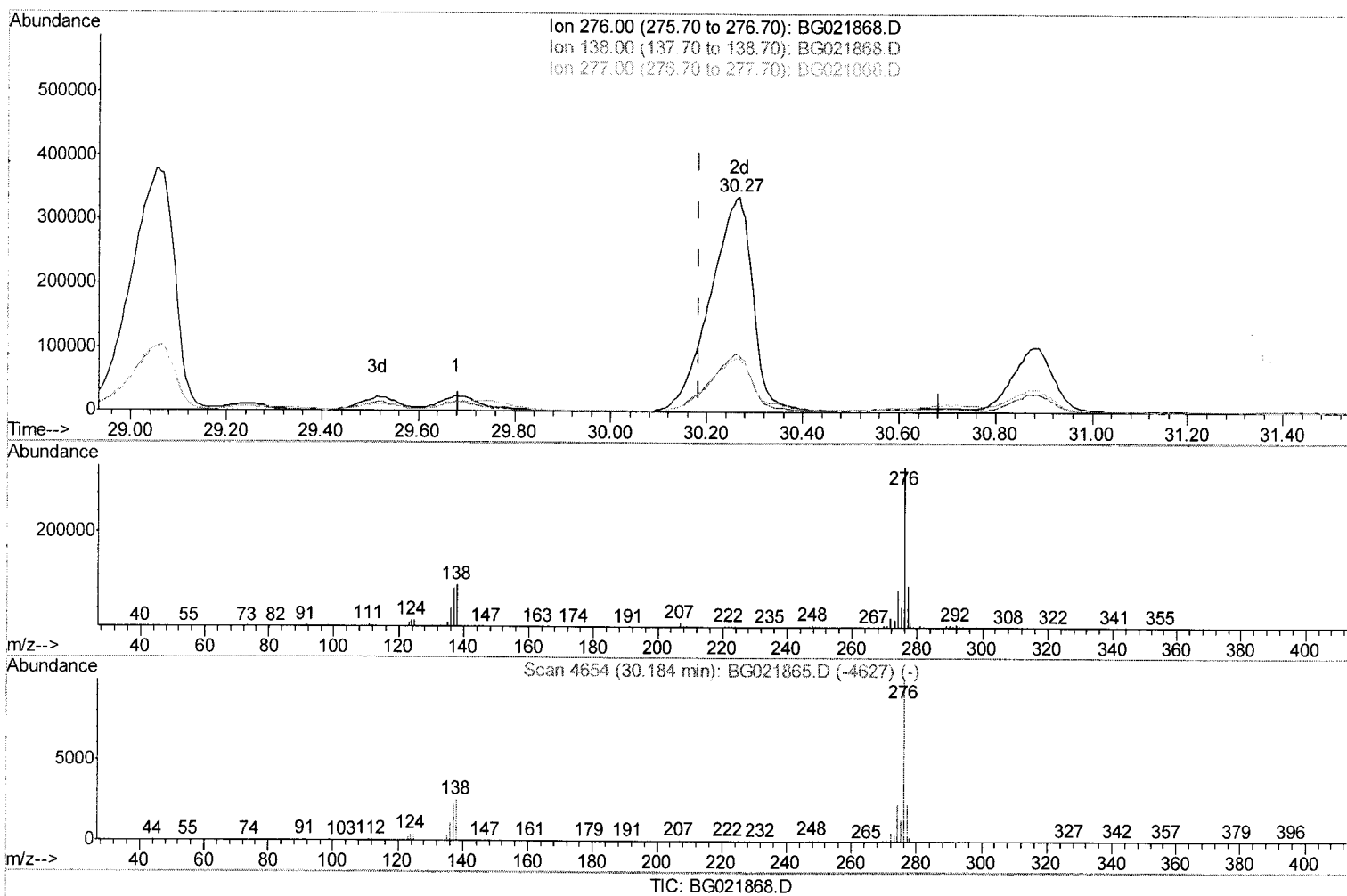
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
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Manual Integrations
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Quant Time: May 13 05:25:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
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(92) Benzo(g,h,i)perylene

30.267min (+0.083) 77.75ng/ul m

response 2135013

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	26.40#
277.00	24.70	25.74
0.00	0.00	0.00

> U.M
 05/16/16

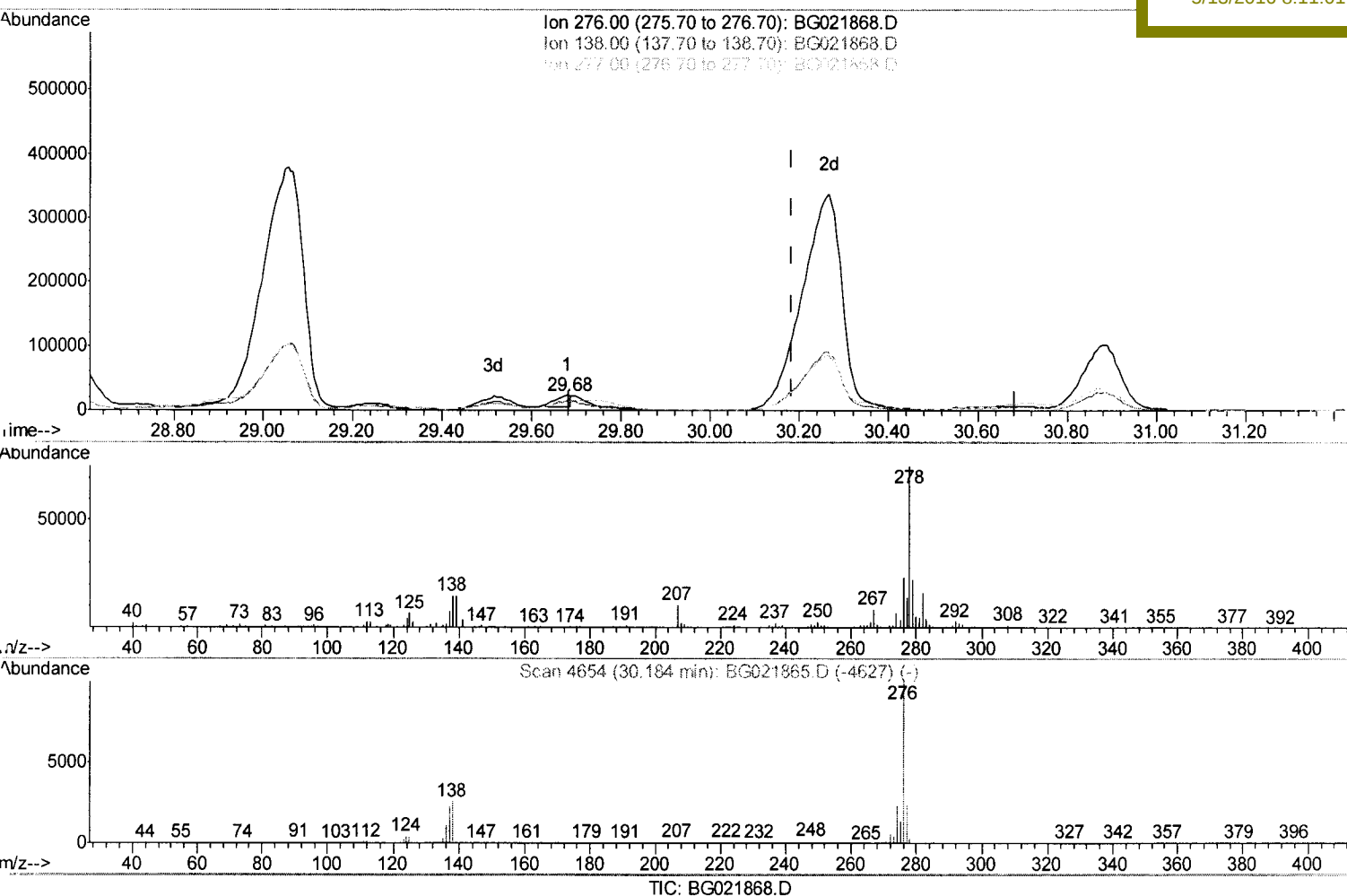
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
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(92) Benzo(g,h,i)perylene

29.679min (-0.504) 1.66ng/ul

response 45593

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	62.56#
277.00	24.70	59.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

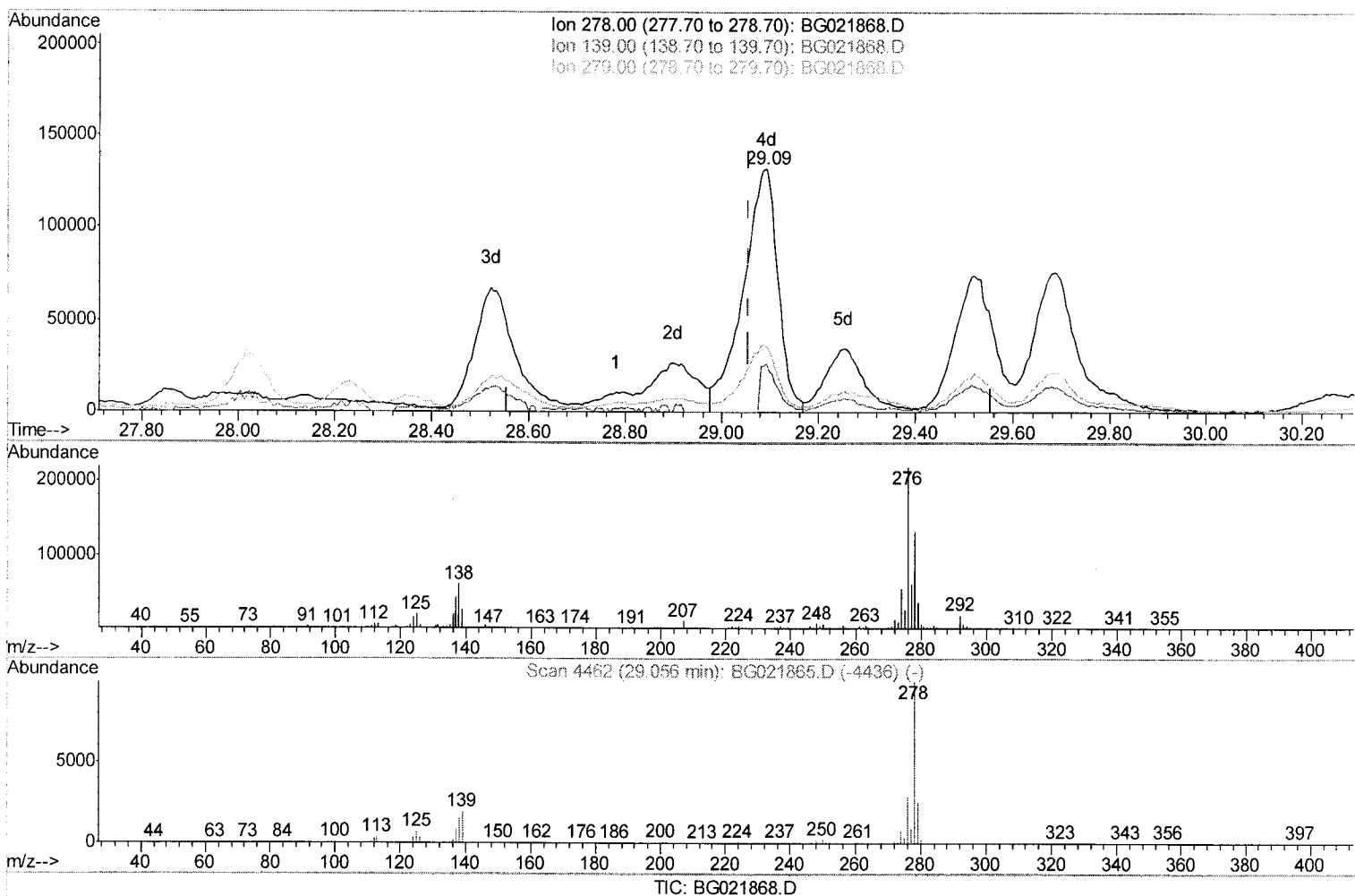
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
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(91) Dibenzo(a,h)anthracene

29.092min (+0.036) 24.00ng/ul m

response 664681

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	19.88#
279.00	24.80	27.13
0.00	0.00	0.00

> $\frac{U.M}{05/16/16}$

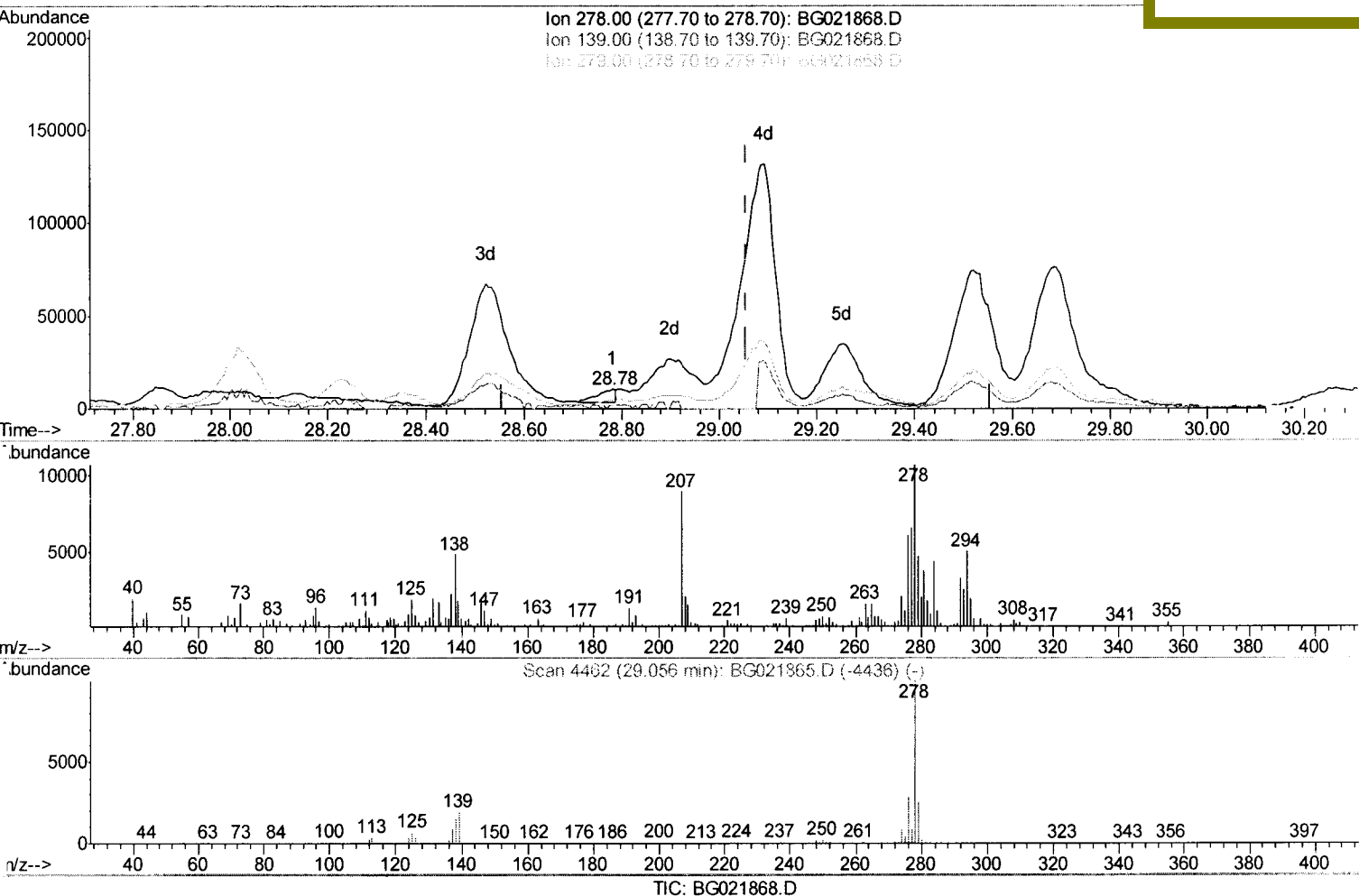
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
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(91) Dibenzo(a,h)anthracene

28.780min (-0.275) 0.63ng/ul

response 17401

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.96
279.00	24.80	44.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

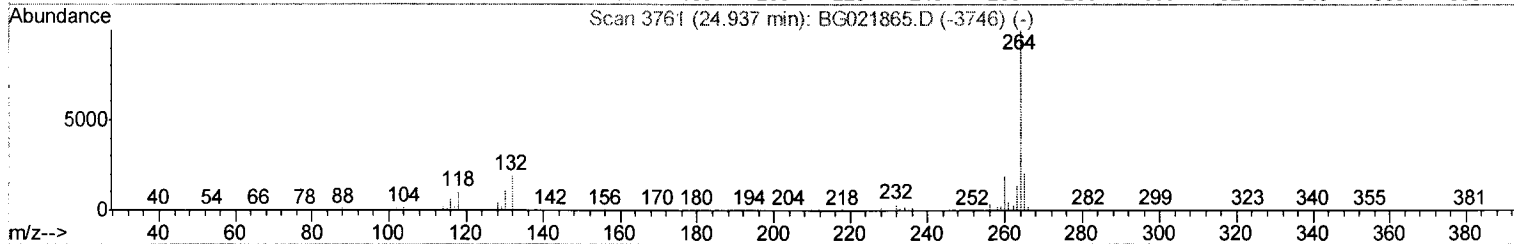
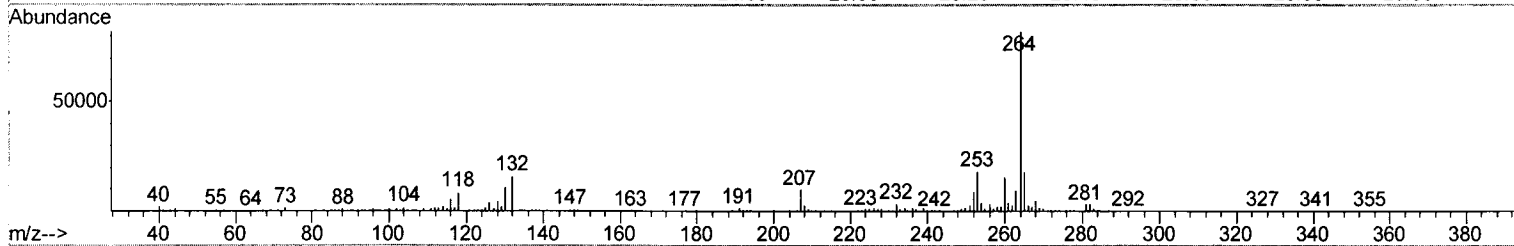
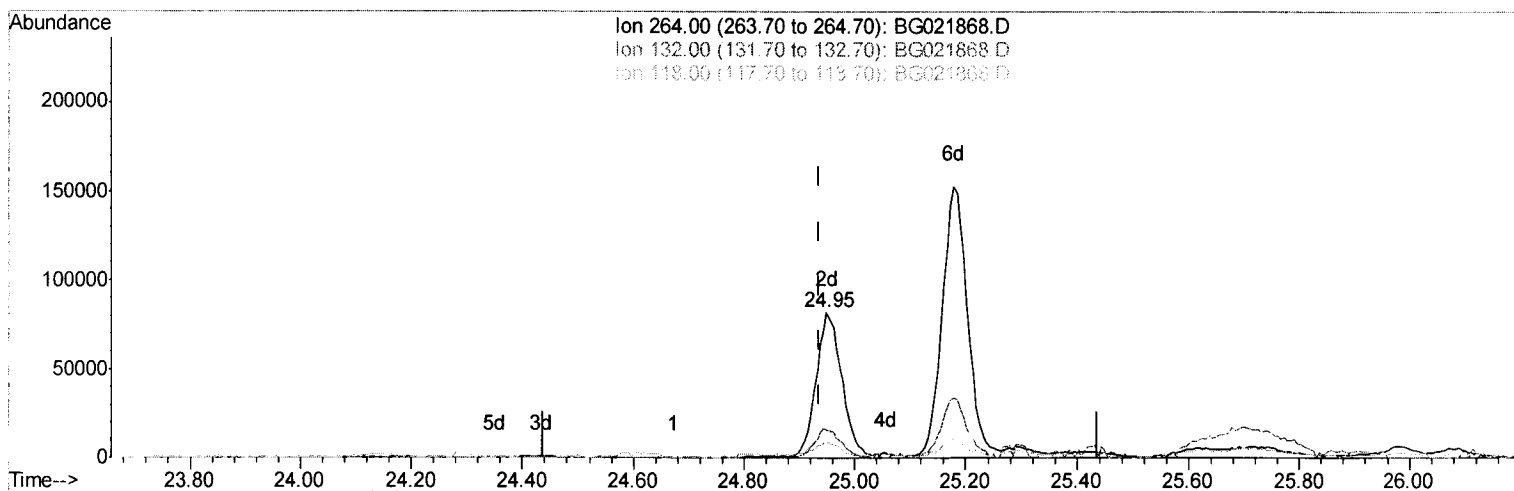
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
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TIC: BG021868.D

(88) Benzo(a)pyrene-d12 (S)

24.950min (+0.013) 11.63ng/ul m

response 272131

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	19.33#
118.00	9.50	10.79
0.00	0.00	0.00

> U.M
 05/16/16

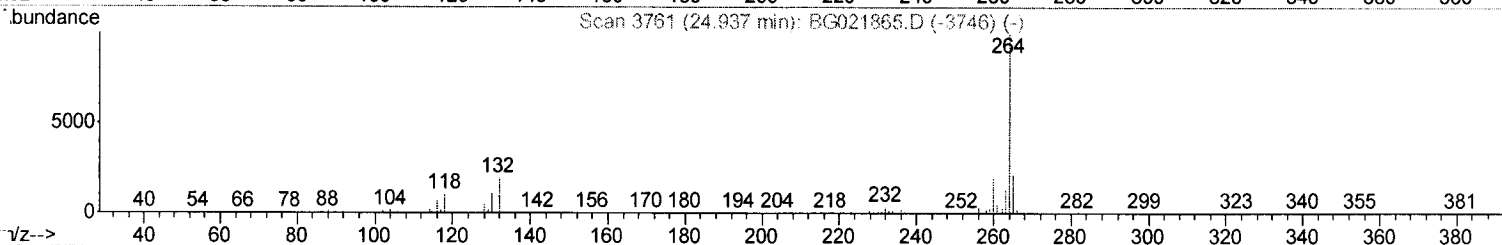
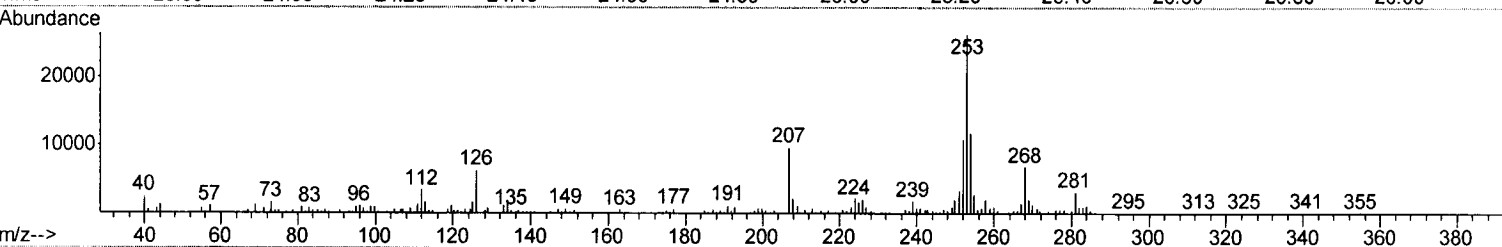
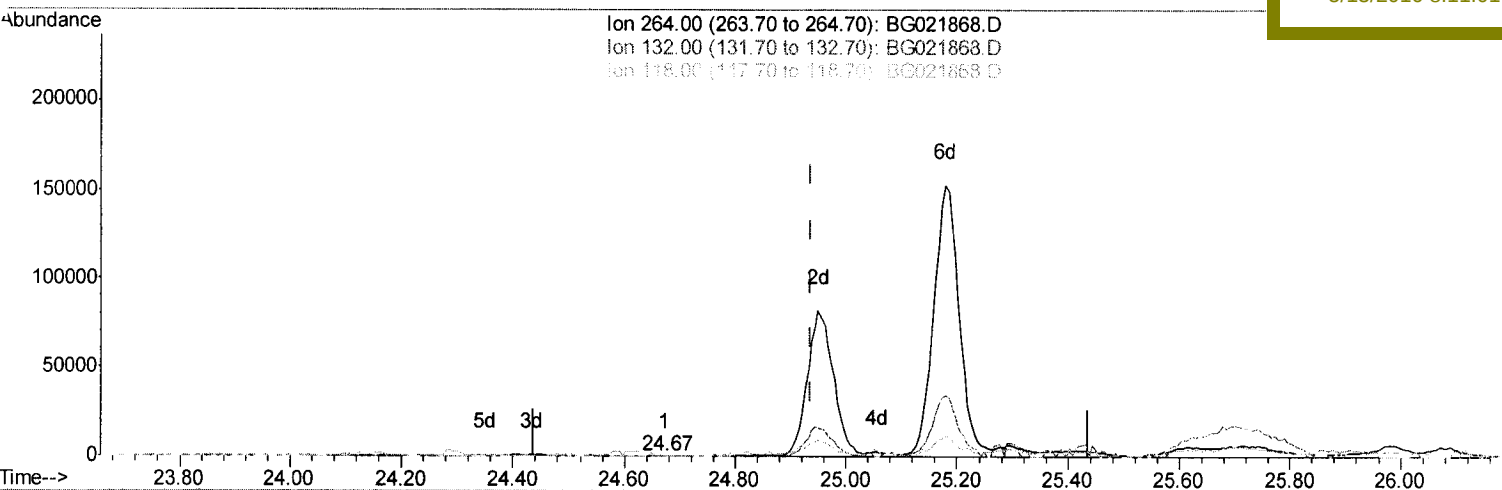
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BNA_G
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TIC: BG021868.D

(88) Benzo(a)pyrene-d12 (S)

24.674min (-0.264) 0.02ng/ul

response 488

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	78.35#
118.00	9.50	264.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

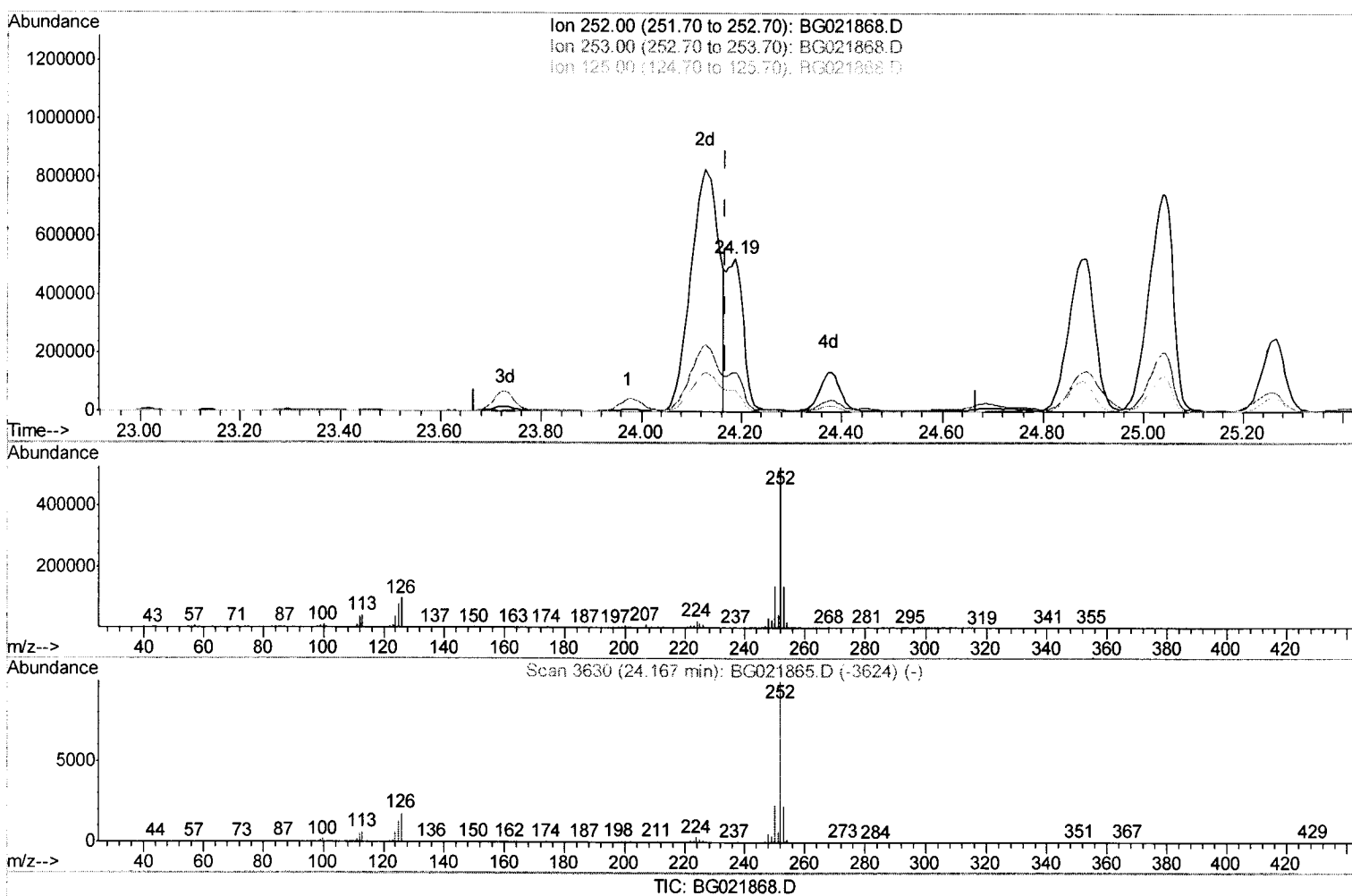
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 Data File : BG021868.D
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 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(87) Benzo(k)fluoranthene

24.186min (+0.018) 42.49ng/ul m >

response 1282857

U.M
 05/16/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	26.14
125.00	9.60	14.23#
0.00	0.00	0.00

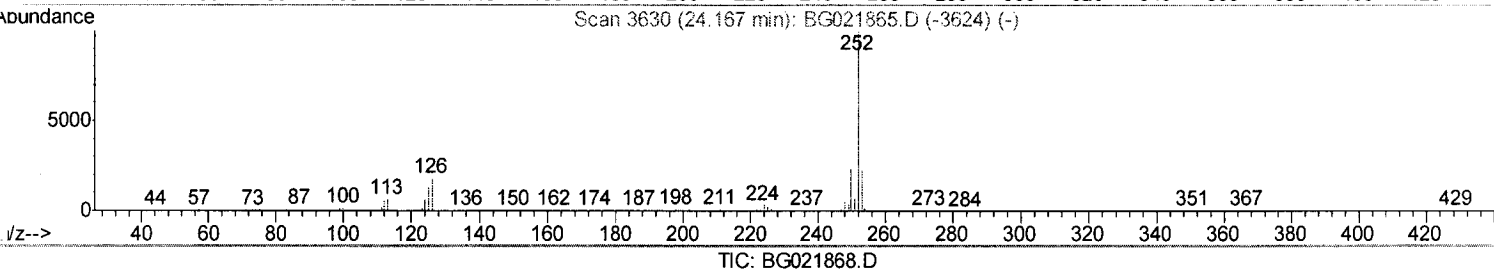
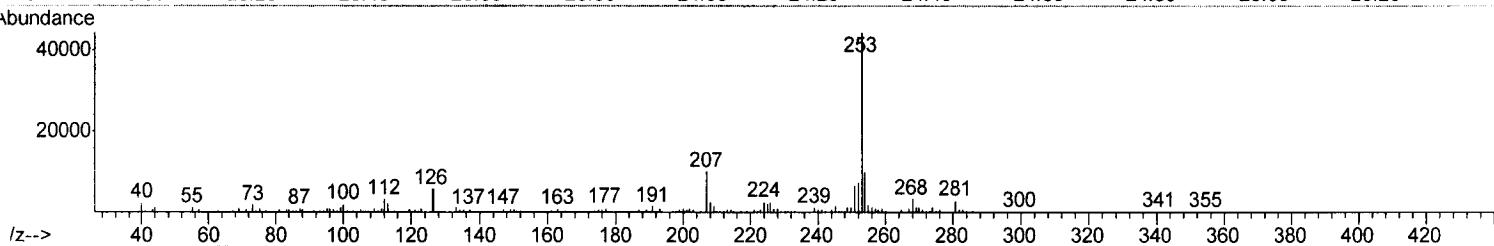
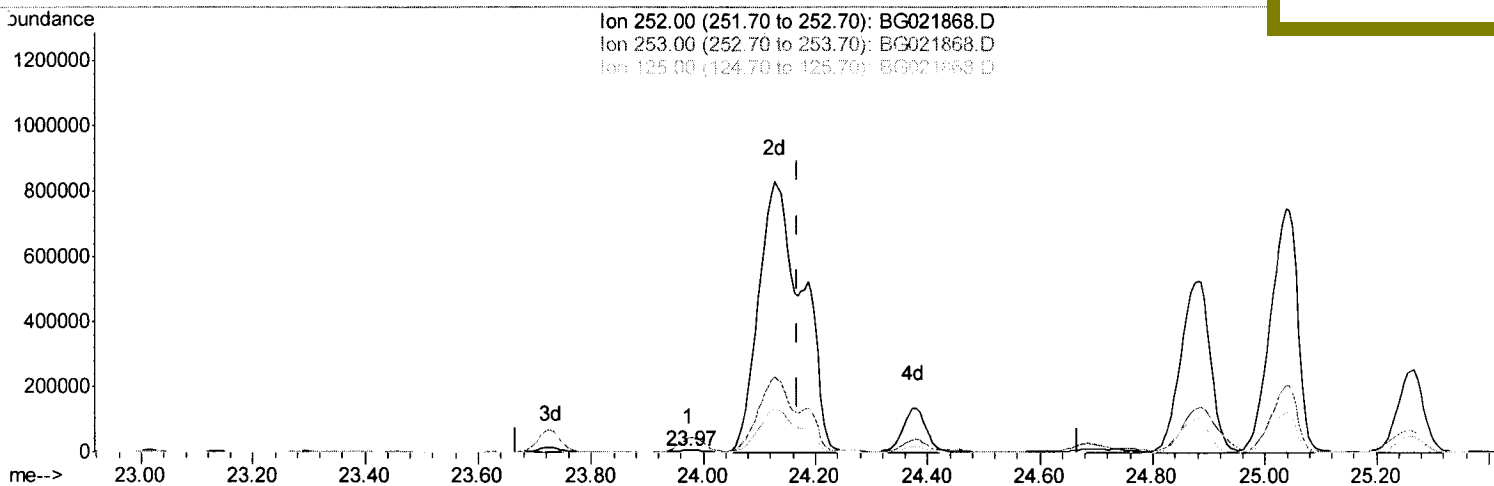
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Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Manual Integrations
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(87) Benzo(k)fluoranthene

23.974min (-0.193) 0.58ng/ul

response 17648

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	592.15#
125.00	9.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

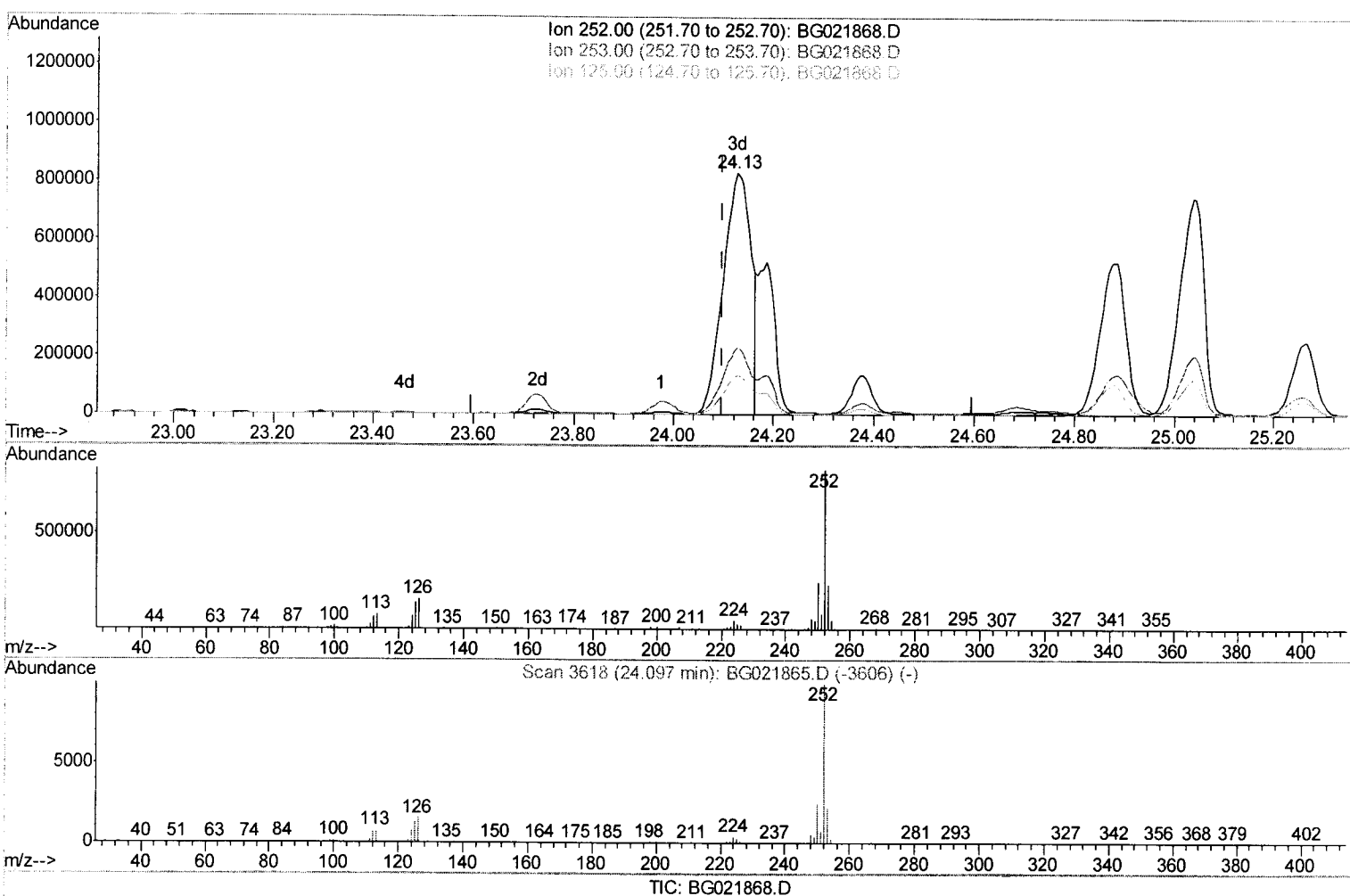
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9WJ8

Manual Integrations
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(86) Benzo(b)fluoranthene

24.127min (+0.030) 113.85ng/ul m

response 3210767

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	27.85#
125.00	9.50	16.32#
0.00	0.00	0.00

U.M
 25/116/116

Quantitation Report (Qedit)

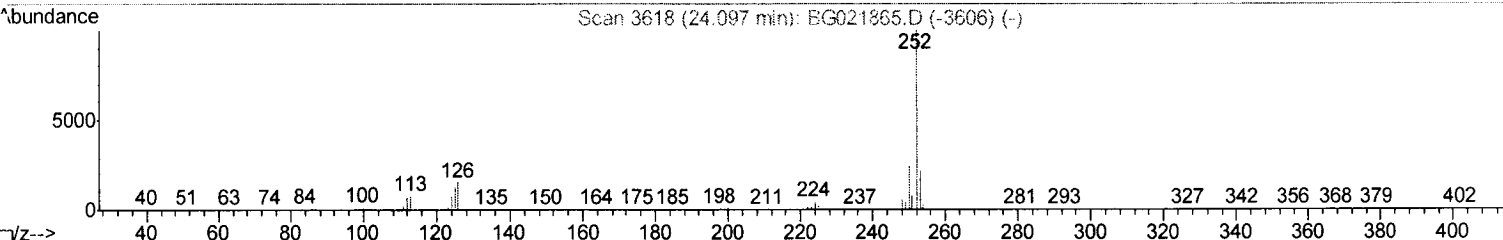
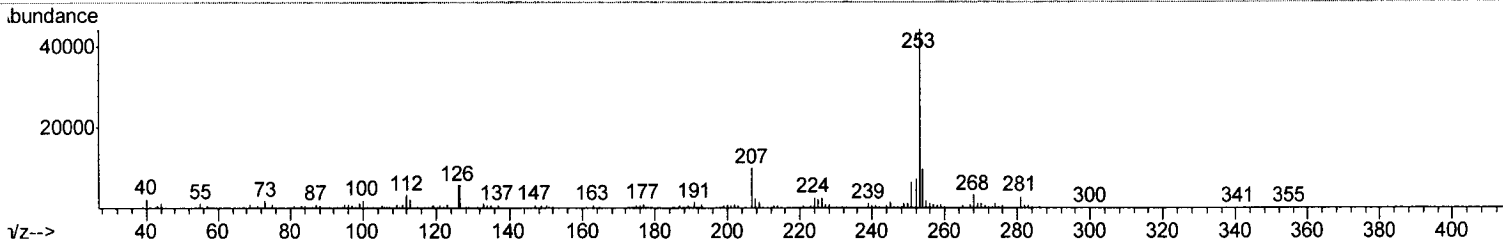
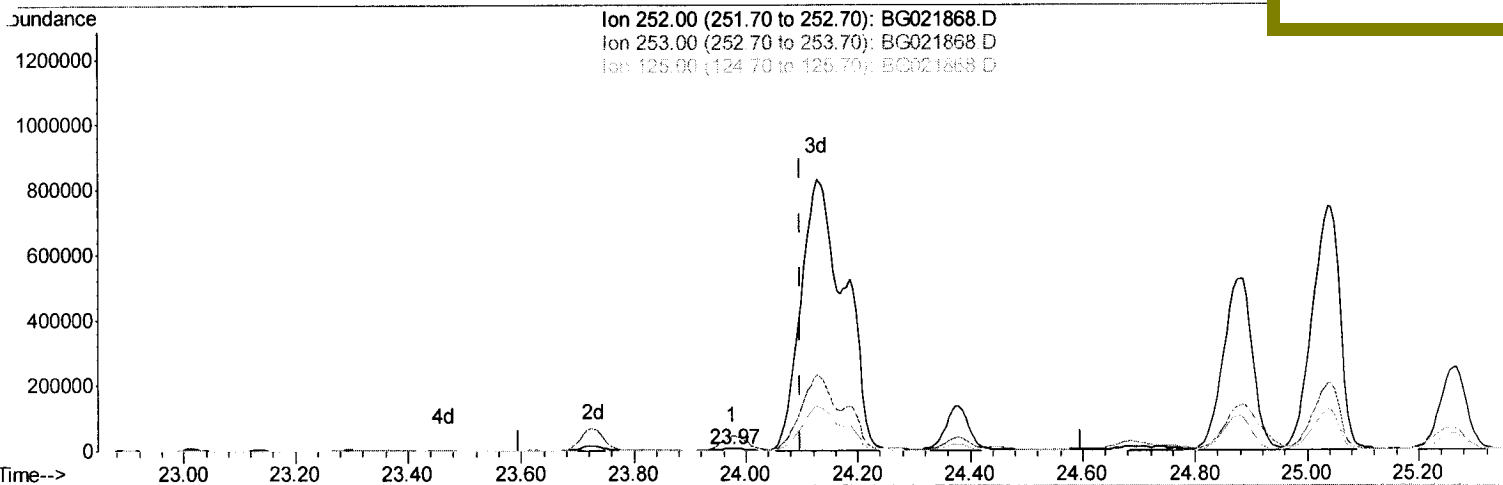
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Quant Time: May 13 05:25:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

sohil
 5/13/2016 8:11:01 PM



TIC: BG021868.D

(86) Benzo(b)fluoranthene

23.974min (-0.123) 0.63ng/ul

response 17648

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	592.15#
125.00	9.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

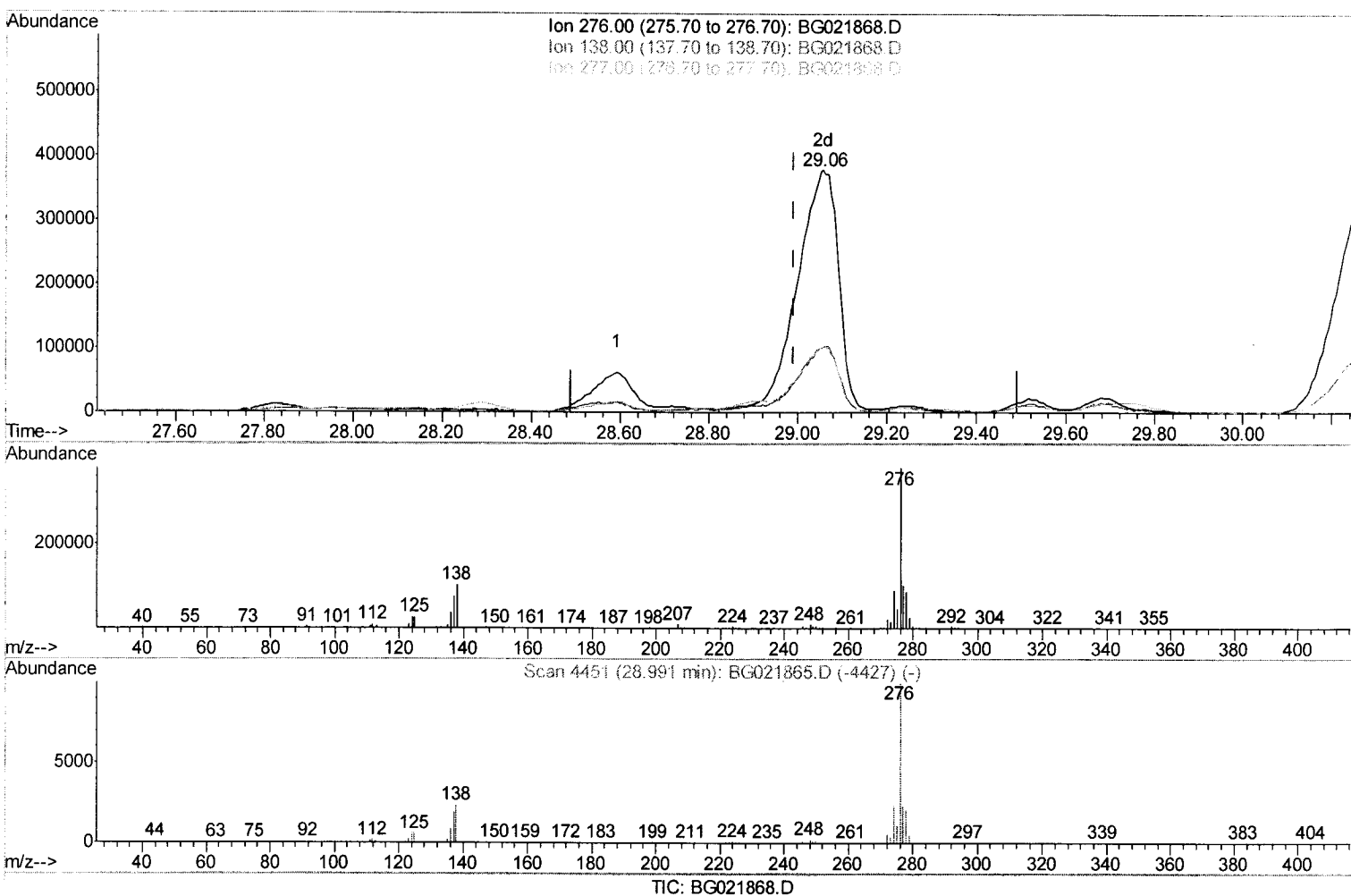
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
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Quant Time: May 13 05:23:19 2016
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(90) Indeno(1,2,3-cd)pyrene

29.057min (+0.066) 74.54ng/ul m

response 2480016

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	26.81#
277.00	23.80	26.71
0.00	0.00	0.00

> U.M
 05/16/16

Quantitation Report (Qedit)

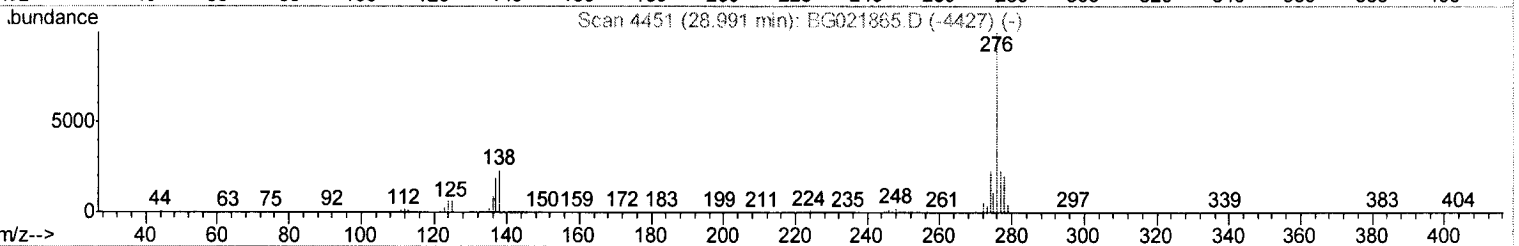
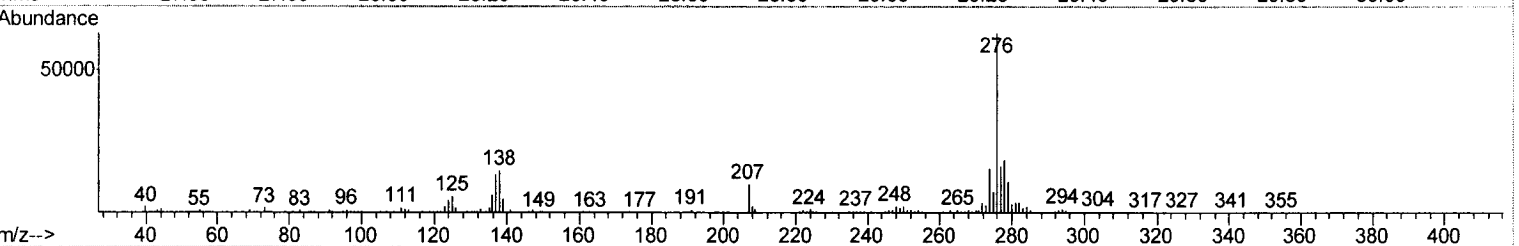
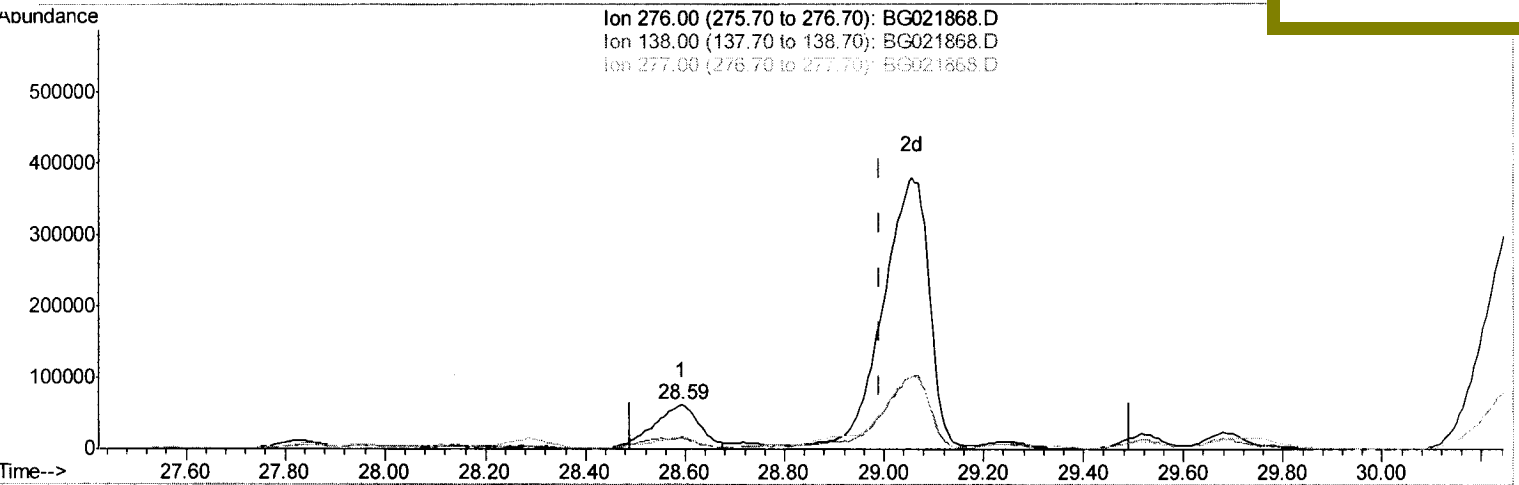
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TIC: BG021868.D

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

28.592min (-0.399) 11.58ng/ul

response 385131

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	23.53
277.00	23.80	26.20
0.00	0.00	0.00

Quantitation Report (Qedit)

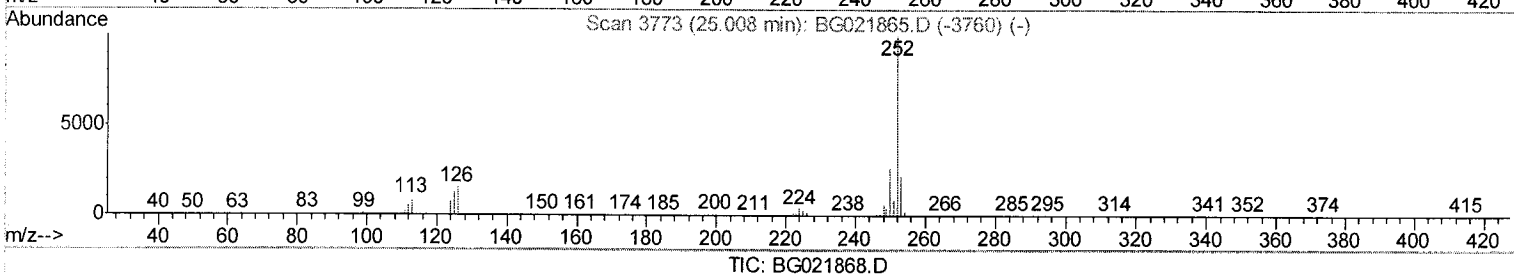
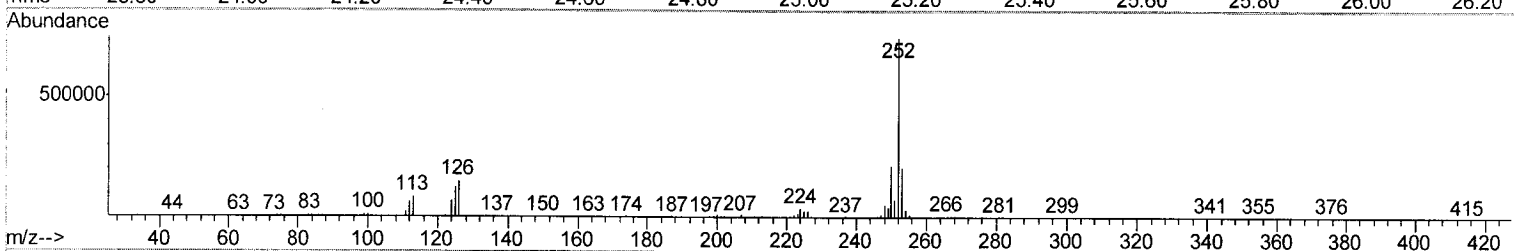
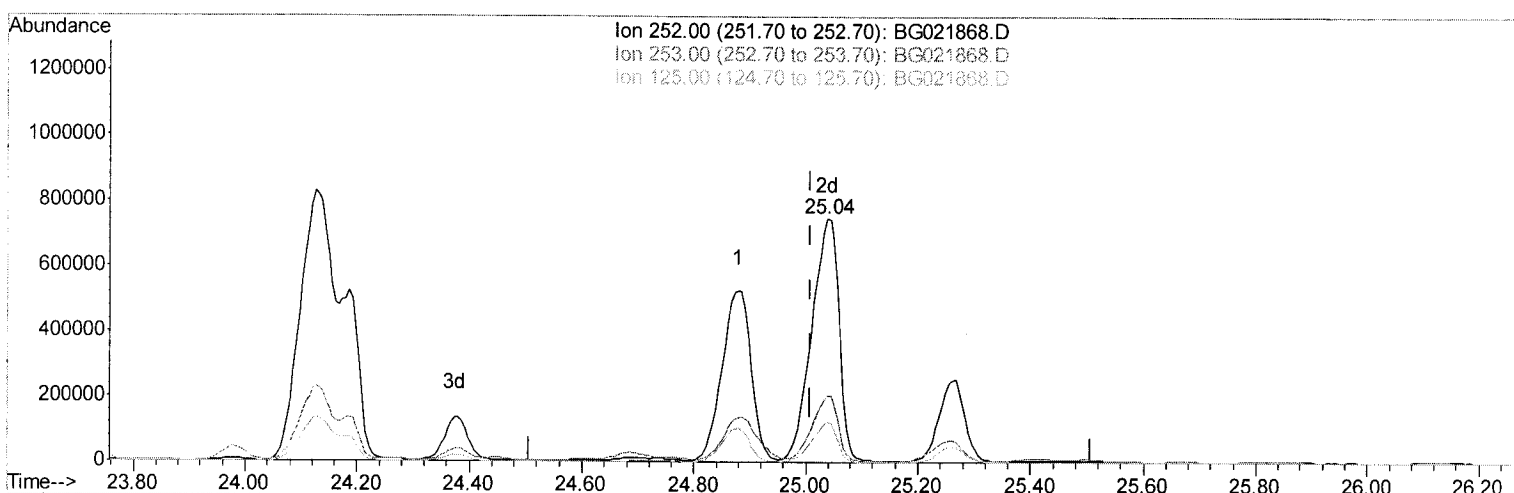
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TIC: BG021868.D

(89) Benzo(a)pyrene (C)

25.038min (+0.030) 91.26ng/ul m

response 2562083

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	27.26#
125.00	10.20	16.62#
0.00	0.00	0.00

> U.M
 05/16/16

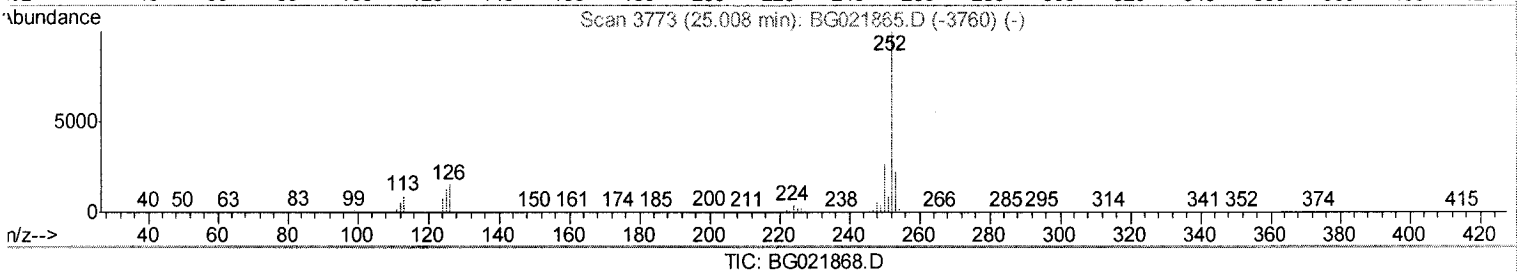
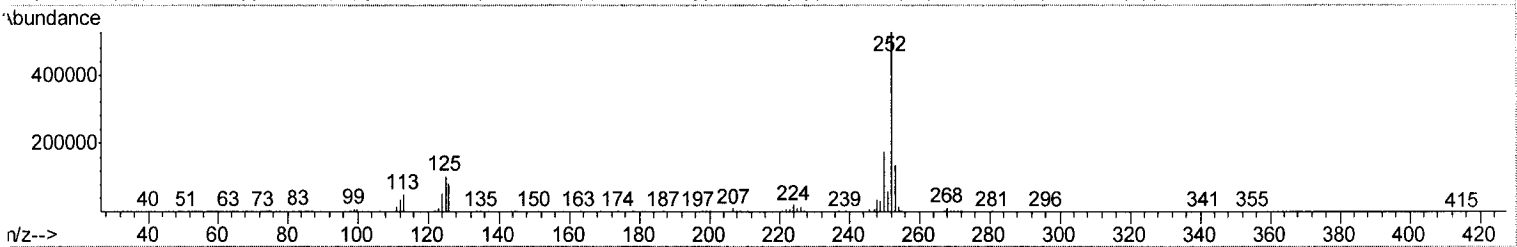
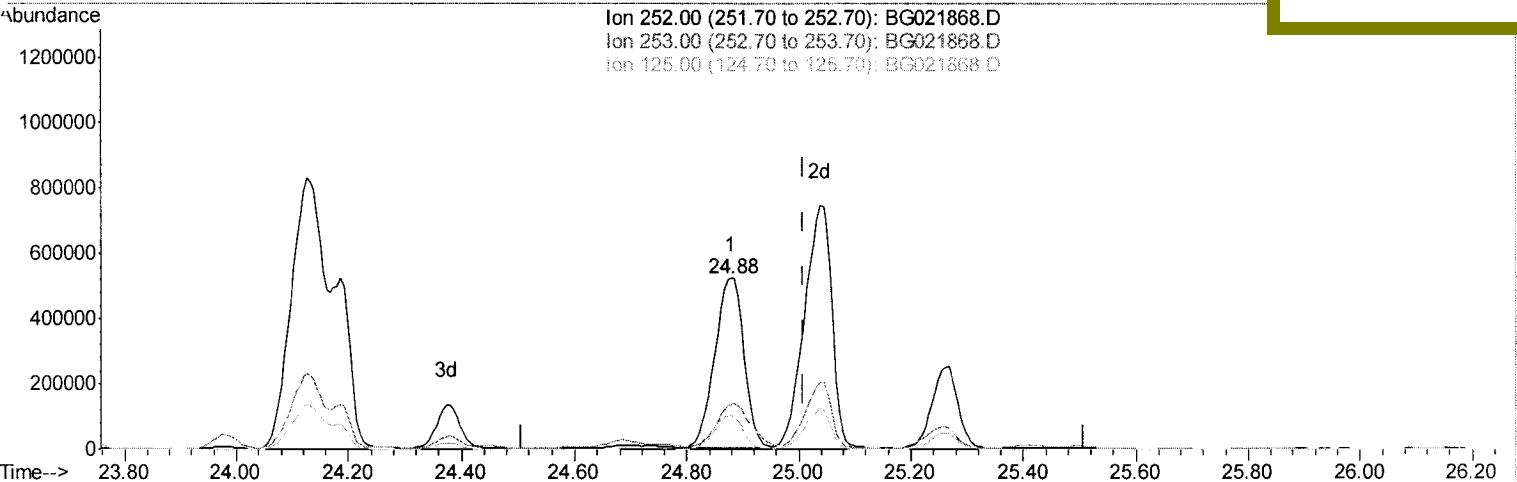
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Instrument :
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Response via : Initial Calibration



(89) Benzo(a)pyrene (C)

24.879min (-0.128) 67.01ng/ul

response 1881085

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.89
125.00	10.20	20.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

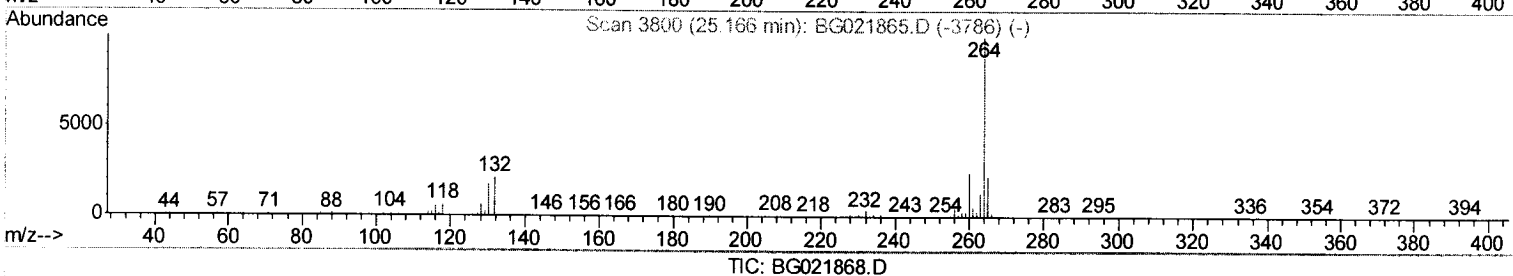
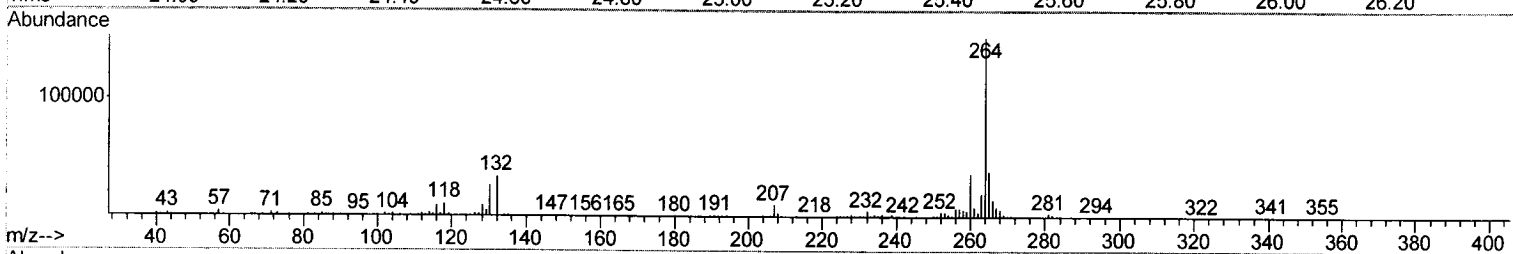
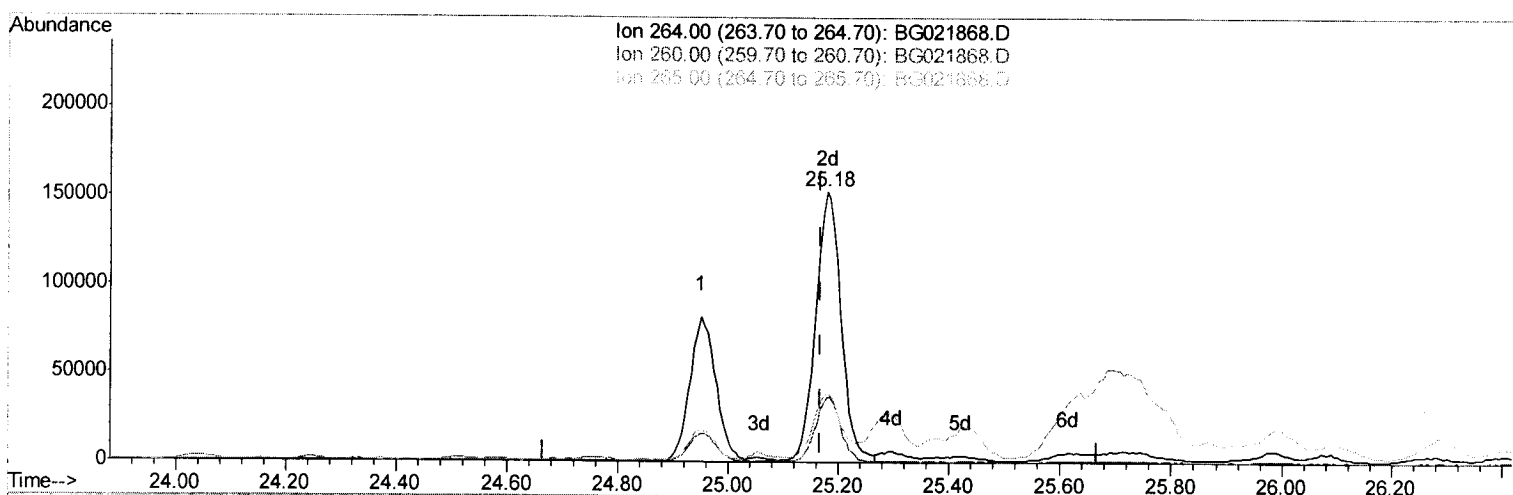
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TIC: BG021868.D

(84) Perylene-d12 (I)

25.179min (+0.013) 20.00ng/ul m

response 492681

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	24.05
265.00	21.10	25.63#
0.00	0.00	0.00

U.M
 05/16/16

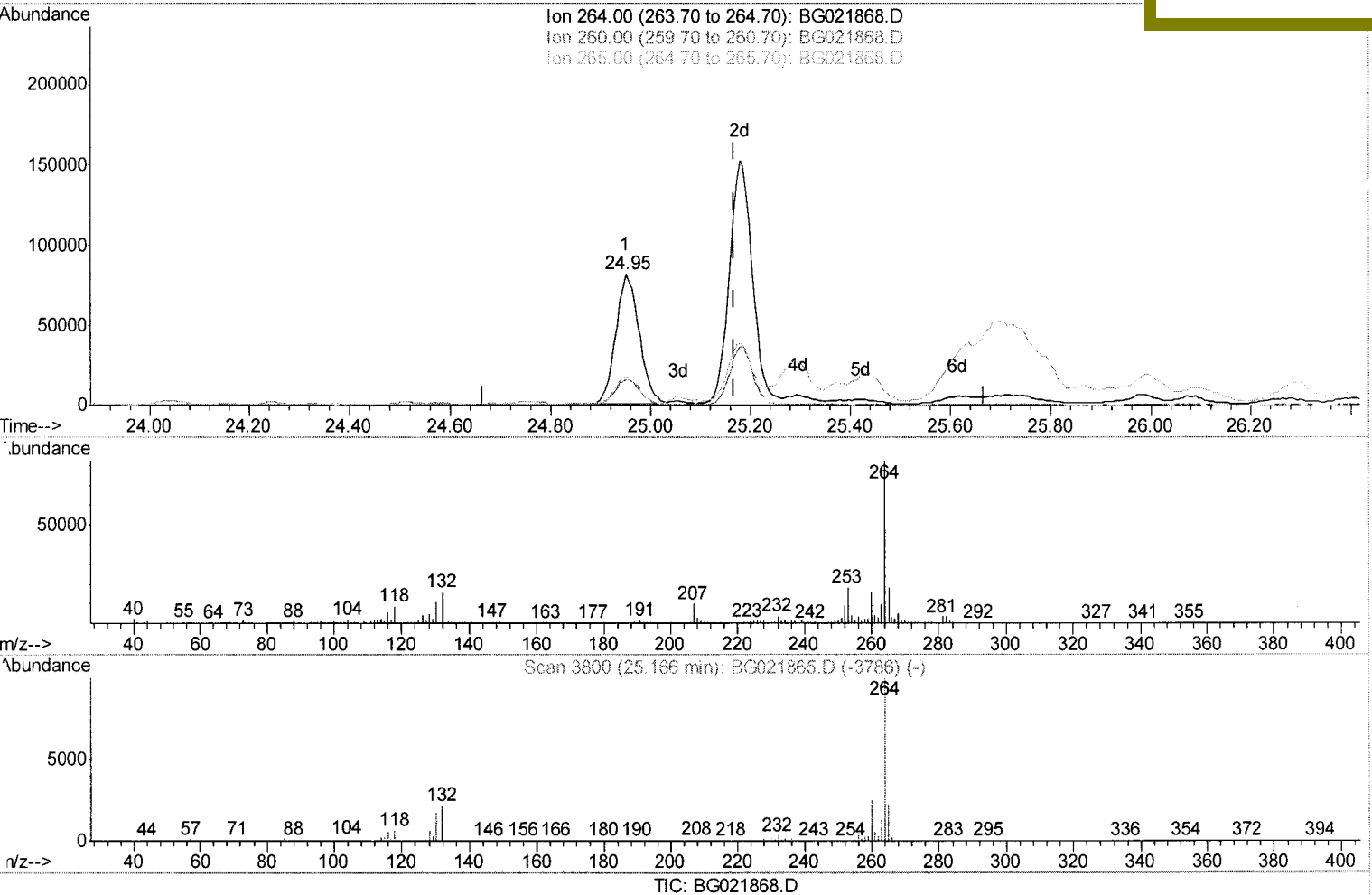
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
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Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Quant Time: May 13 05:23:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:11:01 PM



(84) Perylene-d12 (I)

24.950min (-0.217) 20.00ng/ul

response 262570

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	19.60
265.00	21.10	22.27
0.00	0.00	0.00

Quantitation Report (Qedit)

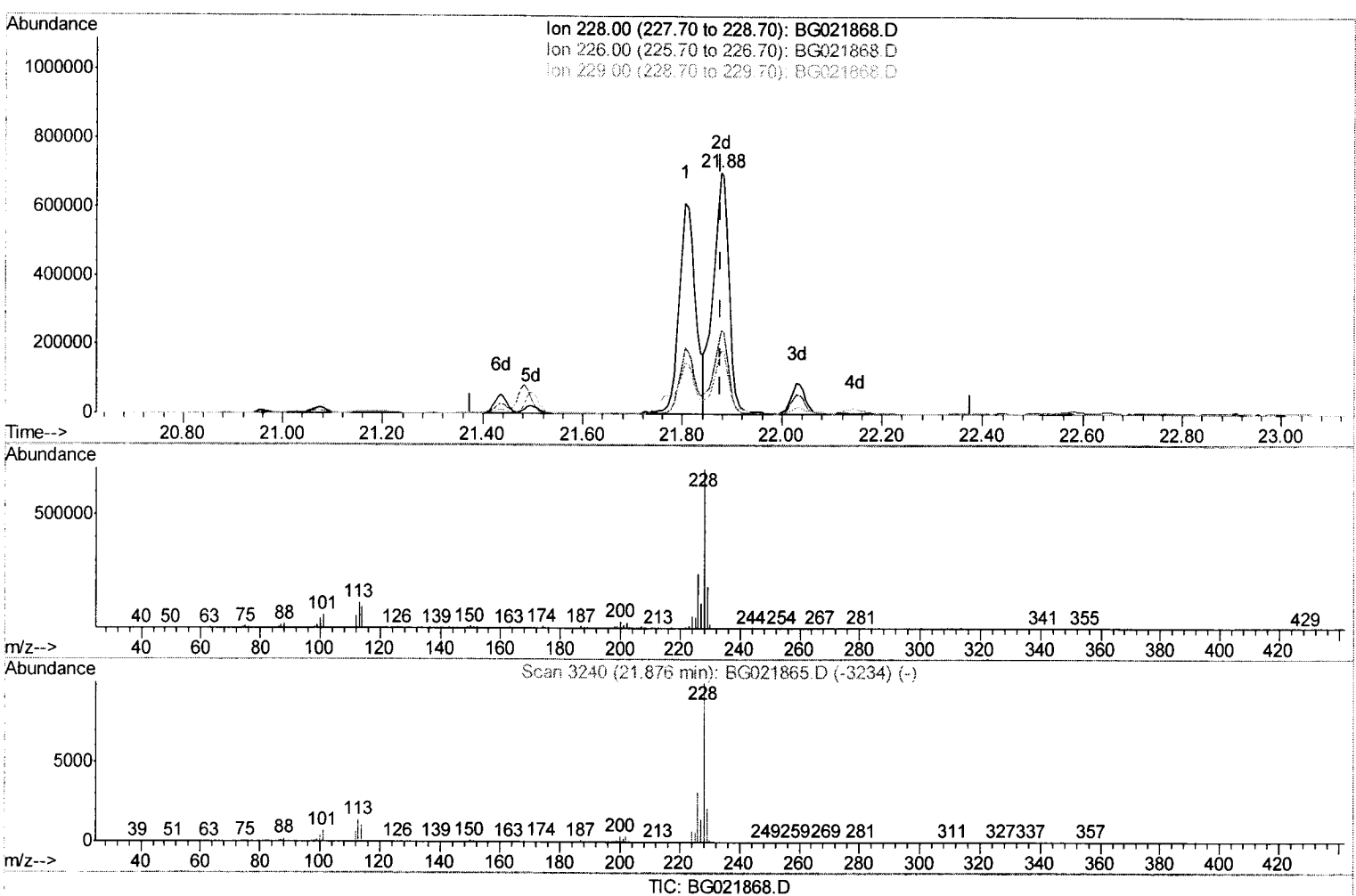
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
 APPROVED

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Quant Time: May 13 05:23:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(83) Chrysene

21.877min (+0.001) 59.23ng/ul m

response 1529330

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	34.52
229.00	20.20	25.88#
0.00	0.00	0.00

> U.M
 05/16/16

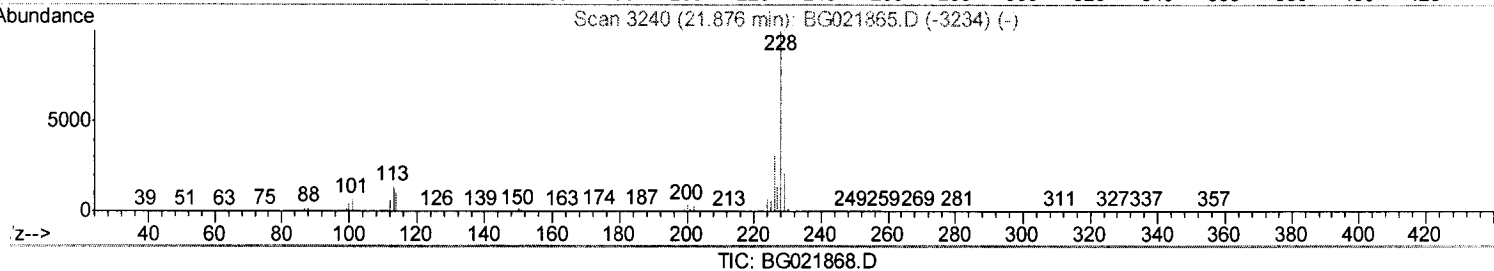
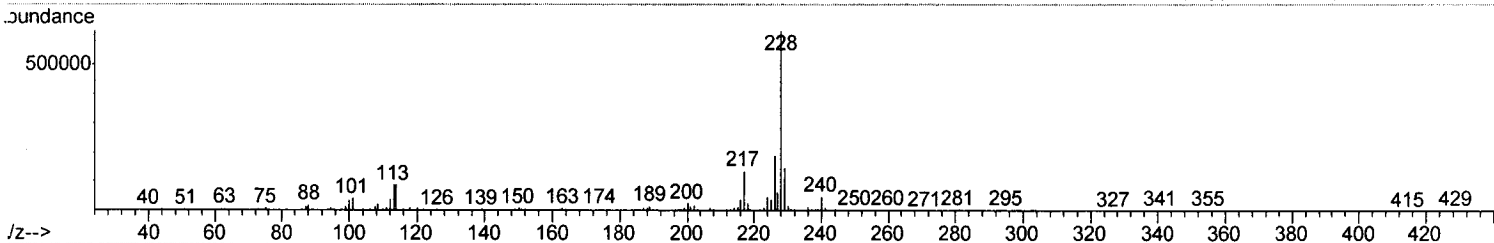
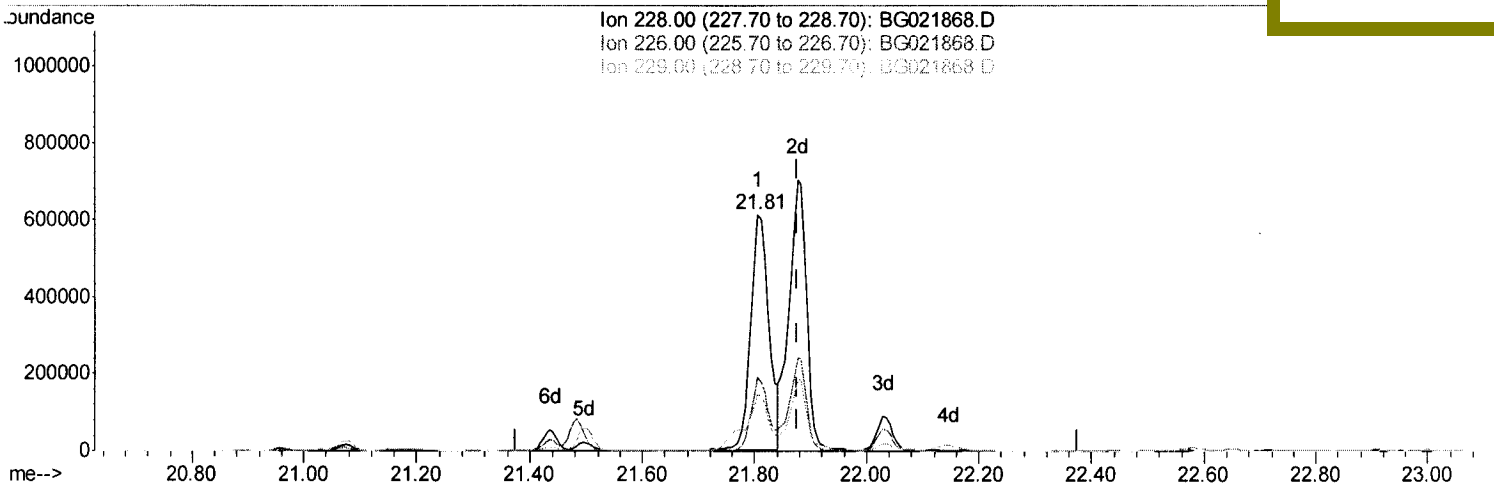
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Manual Integrations
APPROVED

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Quant Time: May 13 05:23:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration



(83) Chrysene

21.806min (-0.070) 54.85ng/ul

response 1416179

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.16
229.00	20.20	23.71
0.00	0.00	0.00

Quantitation Report (Qedit)

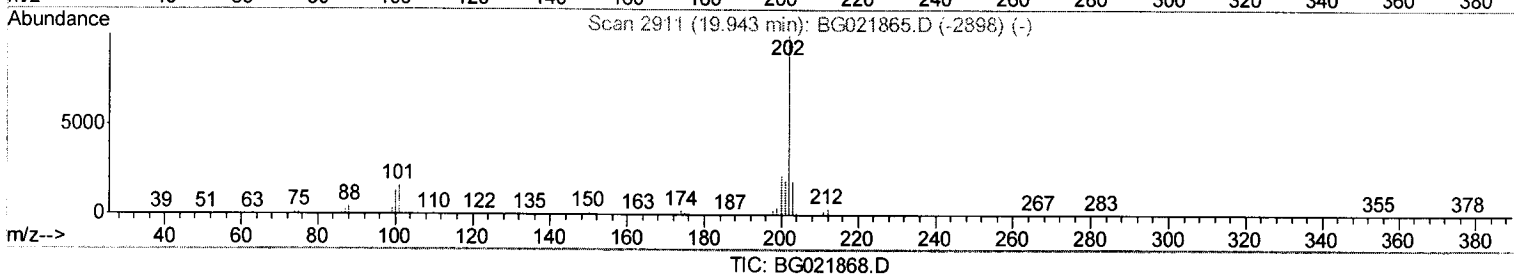
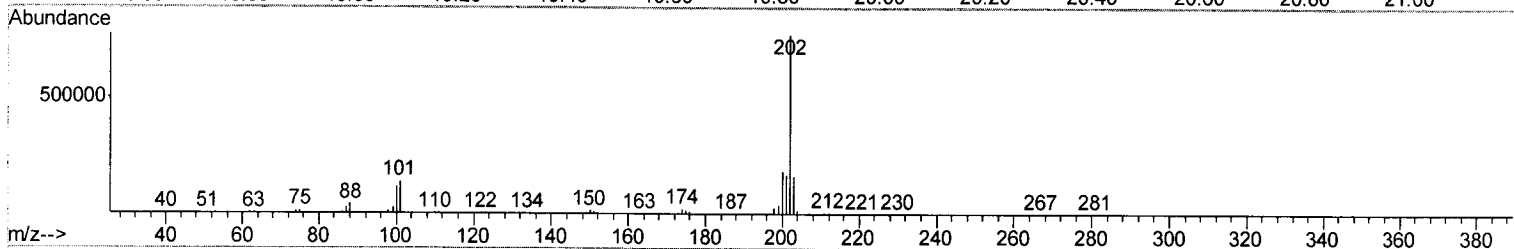
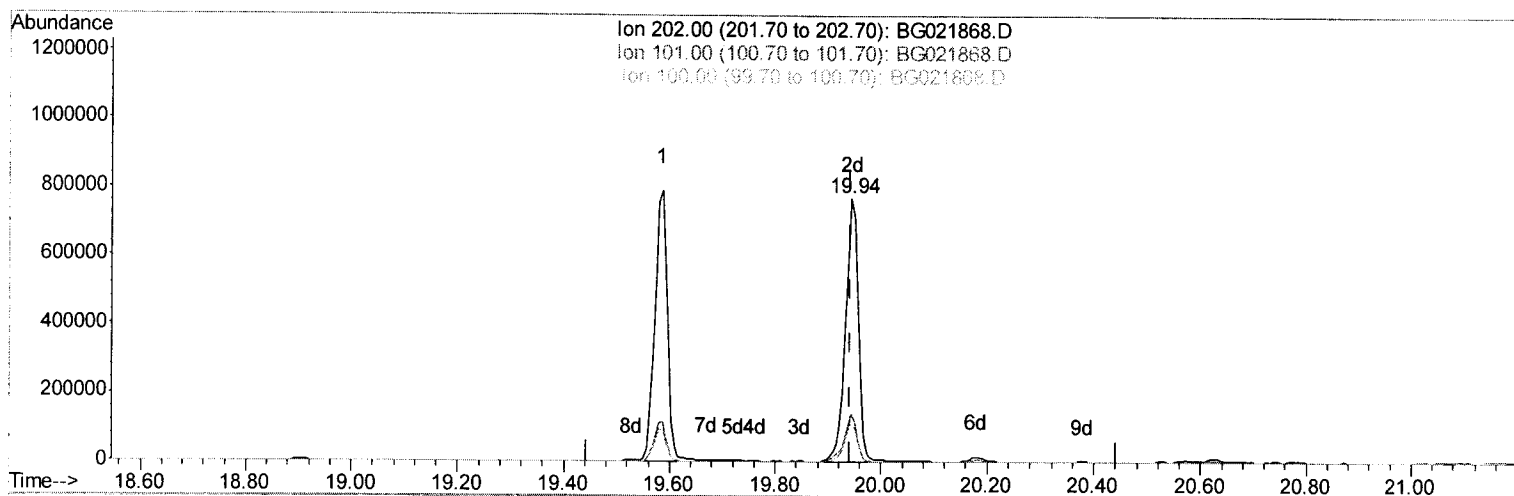
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
 APPROVED

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Quant Time: May 13 05:23:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(78) Pyrene

19.944min (+0.001) 49.05ng/ul m

response 1331069

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	18.06#
100.00	11.60	15.29#
0.00	0.00	0.00

U.M
 05/16/16

Quantitation Report (Qedit)

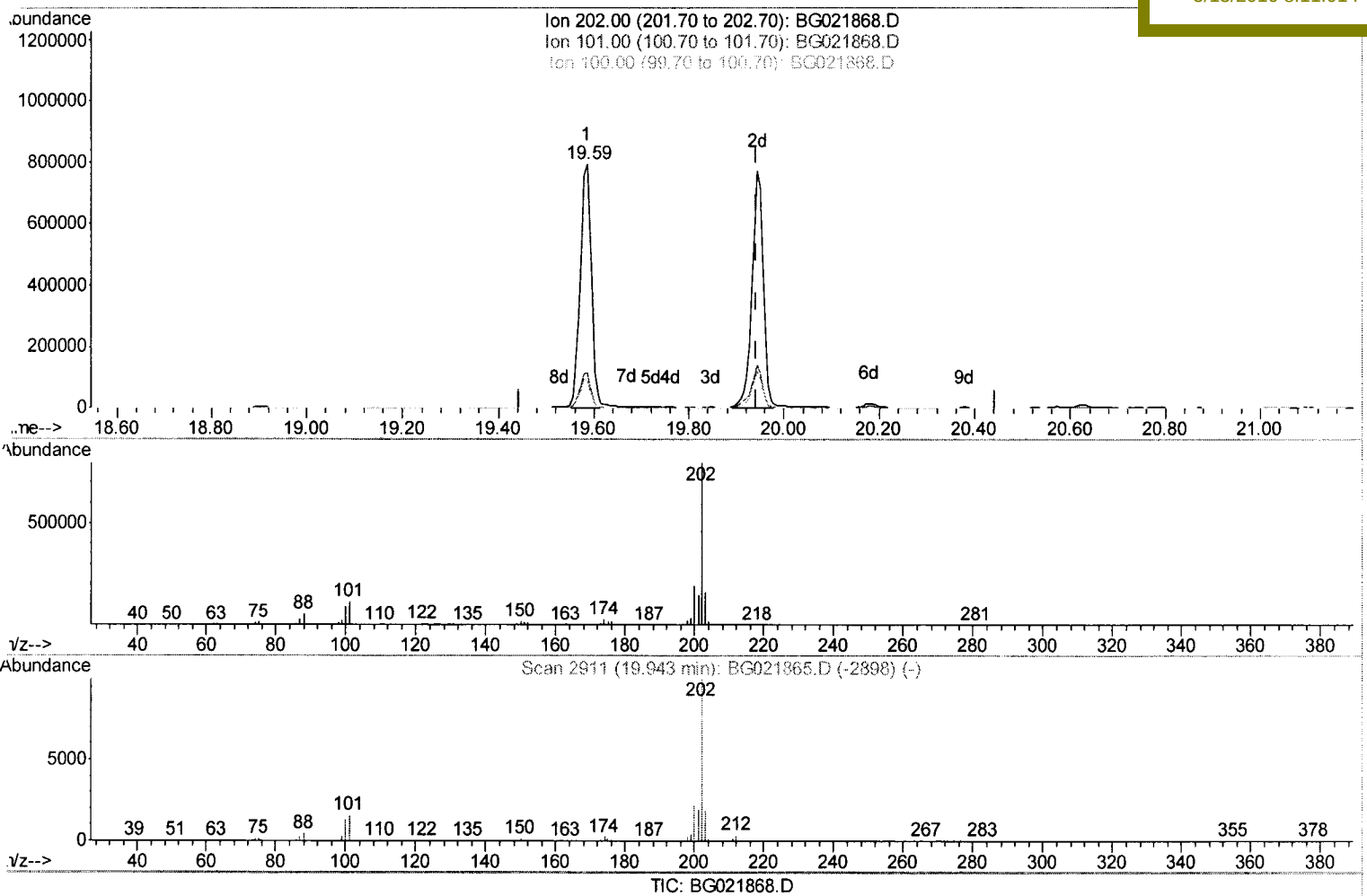
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9WJ8

Quant Time: May 13 05:23:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
 5/13/2016 8:11:01 PM



(78) Pyrene

19.585min (-0.358) 47.94ng/ul

response 1300923

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.72
100.00	11.60	11.57
0.00	0.00	0.00

Quantitation Report (Qedit)

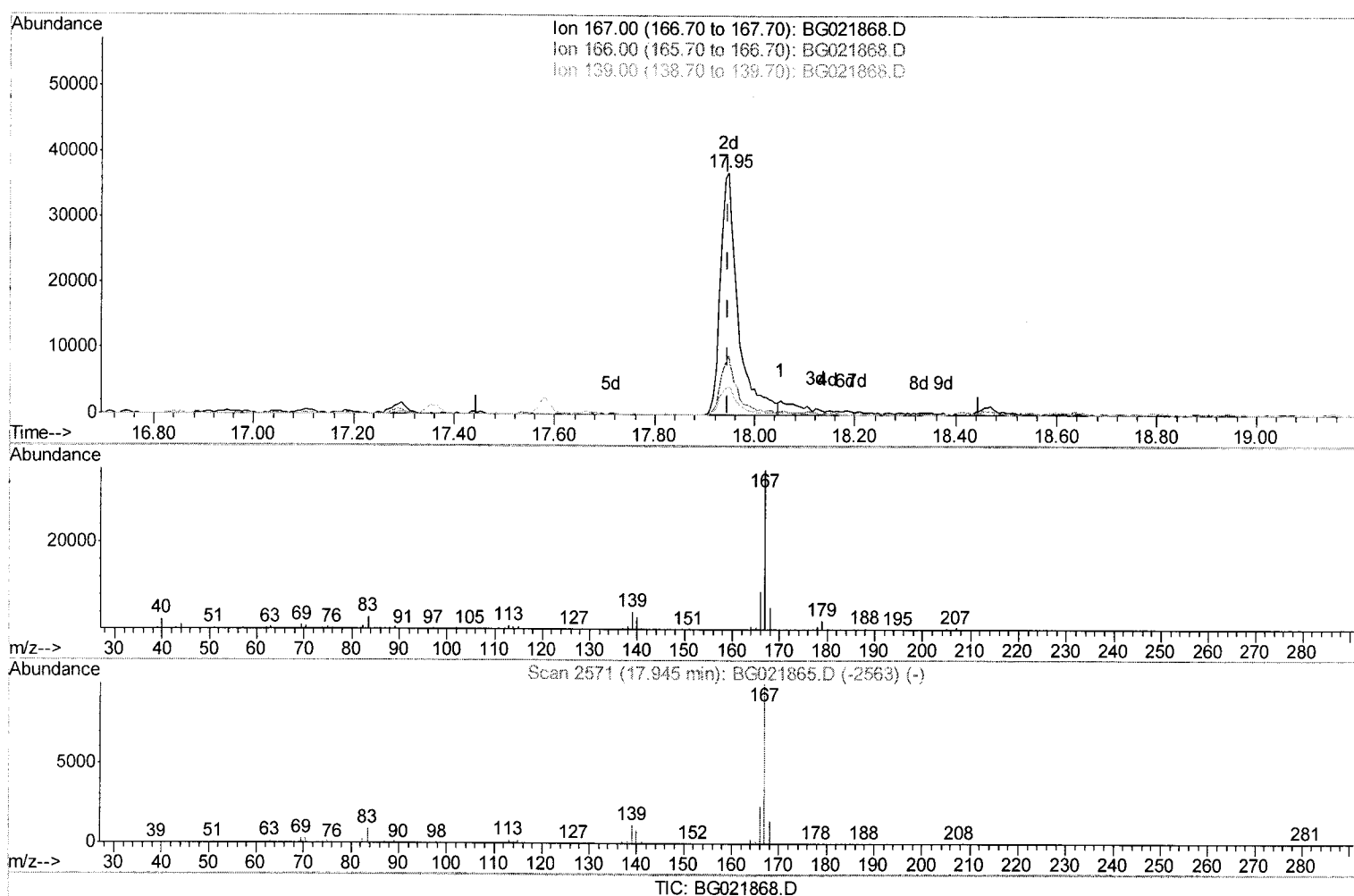
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
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Quant Time: May 13 05:22:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(73) Carbazole

17.946min (+0.001) 4.18ng/ul m

response 90098

> $\frac{U.M}{05/16/16}$

Ion	Exp%	Act%
167.00	100	100
166.00	23.70	24.30
139.00	15.30	11.50#
0.00	0.00	0.00

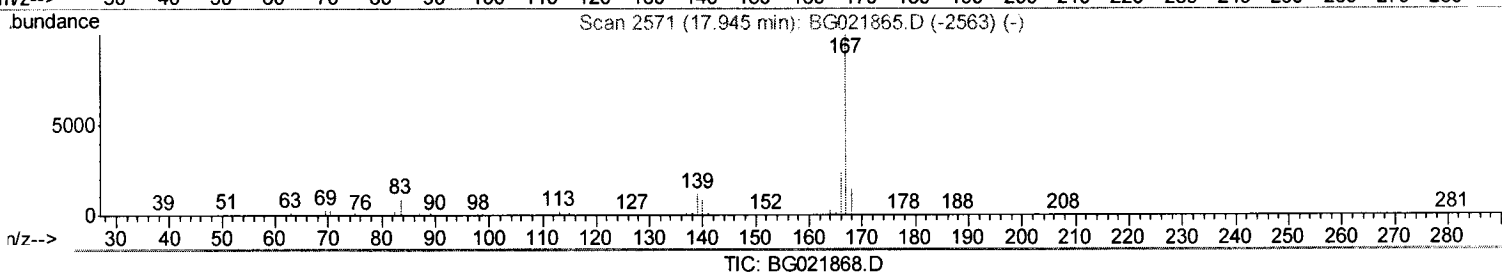
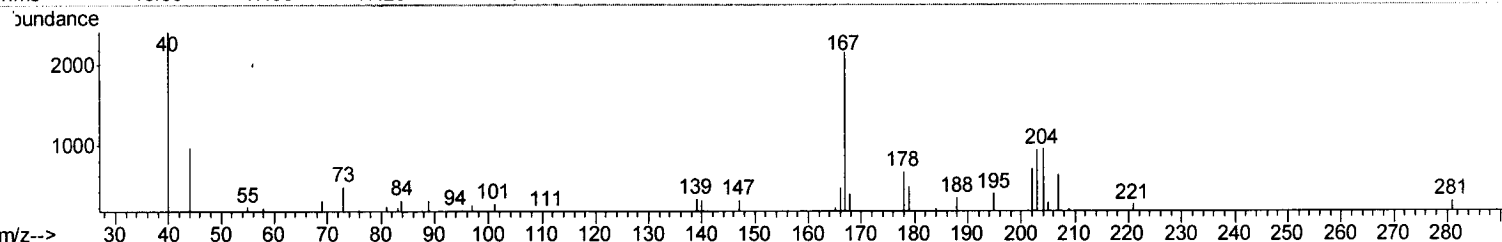
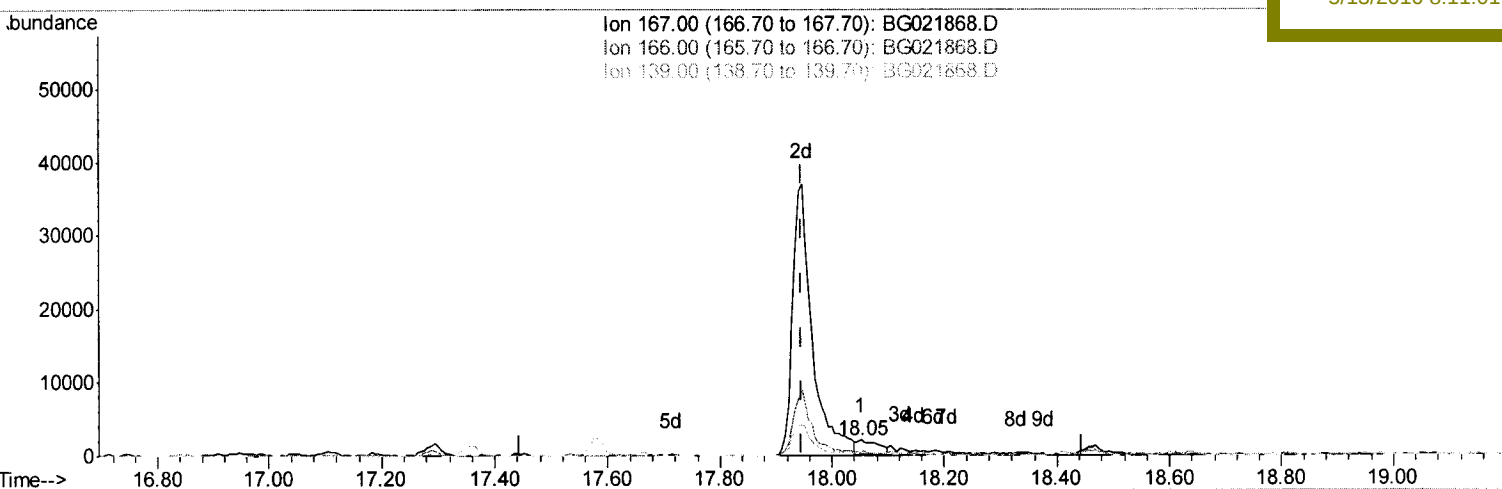
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Quant Time: May 13 05:22:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG021868.D

(73) Carbazole

18.052min (+0.107) 0.24ng/ul

response 5114

Ion	Exp%	Act%
167.00	100	100
166.00	23.70	21.02
139.00	15.30	14.48
0.00	0.00	0.00

Quantitation Report (Qedit)

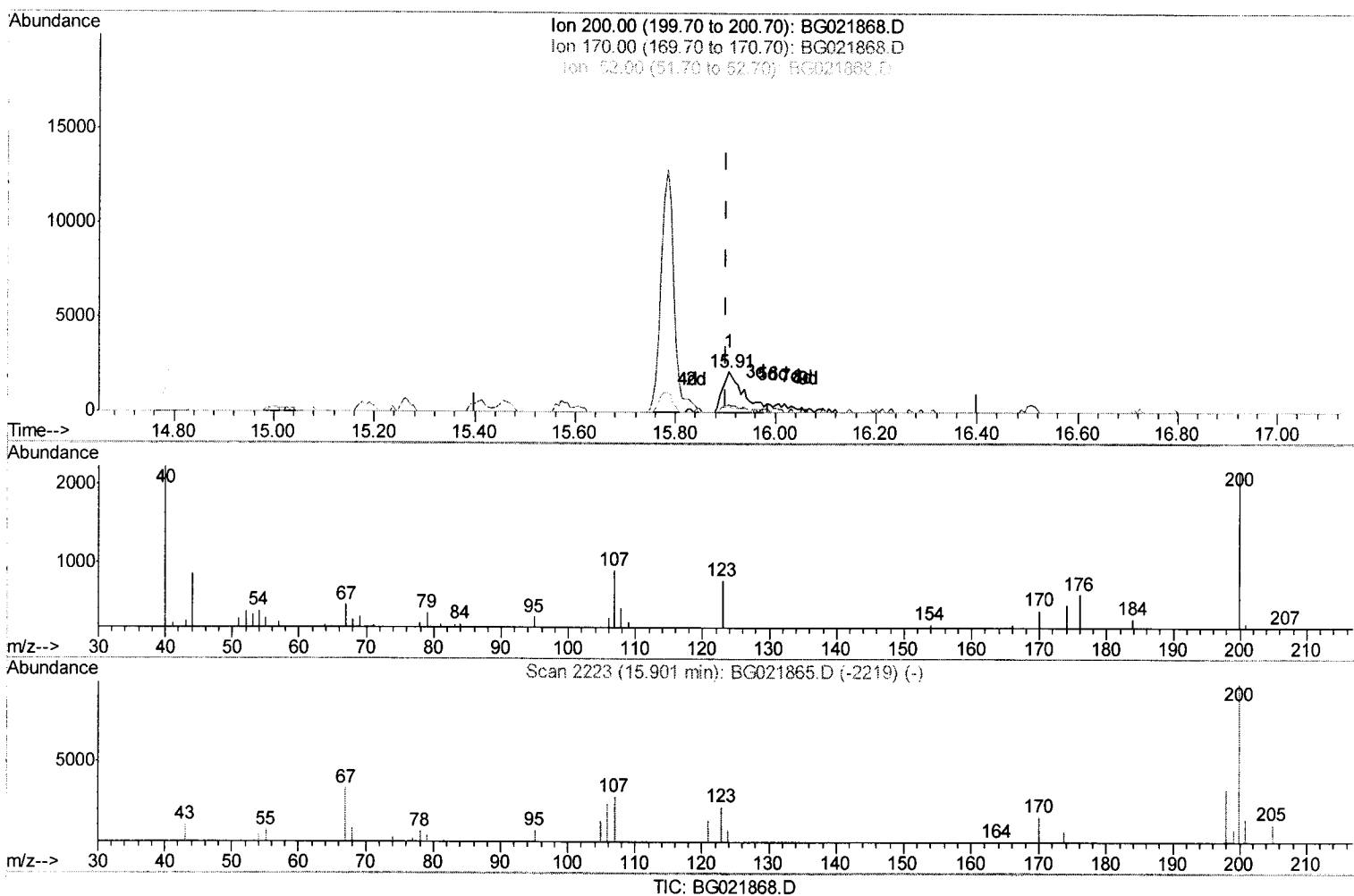
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9WJ8

Manual Integrations
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Quant Time: May 13 04:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.907min (+0.007) 5.08ng/ul m

response 6295

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	17.99
52.00	53.20	17.25#
0.00	0.00	0.00

U.M
 25/116/116

Quantitation Report (Qedit)

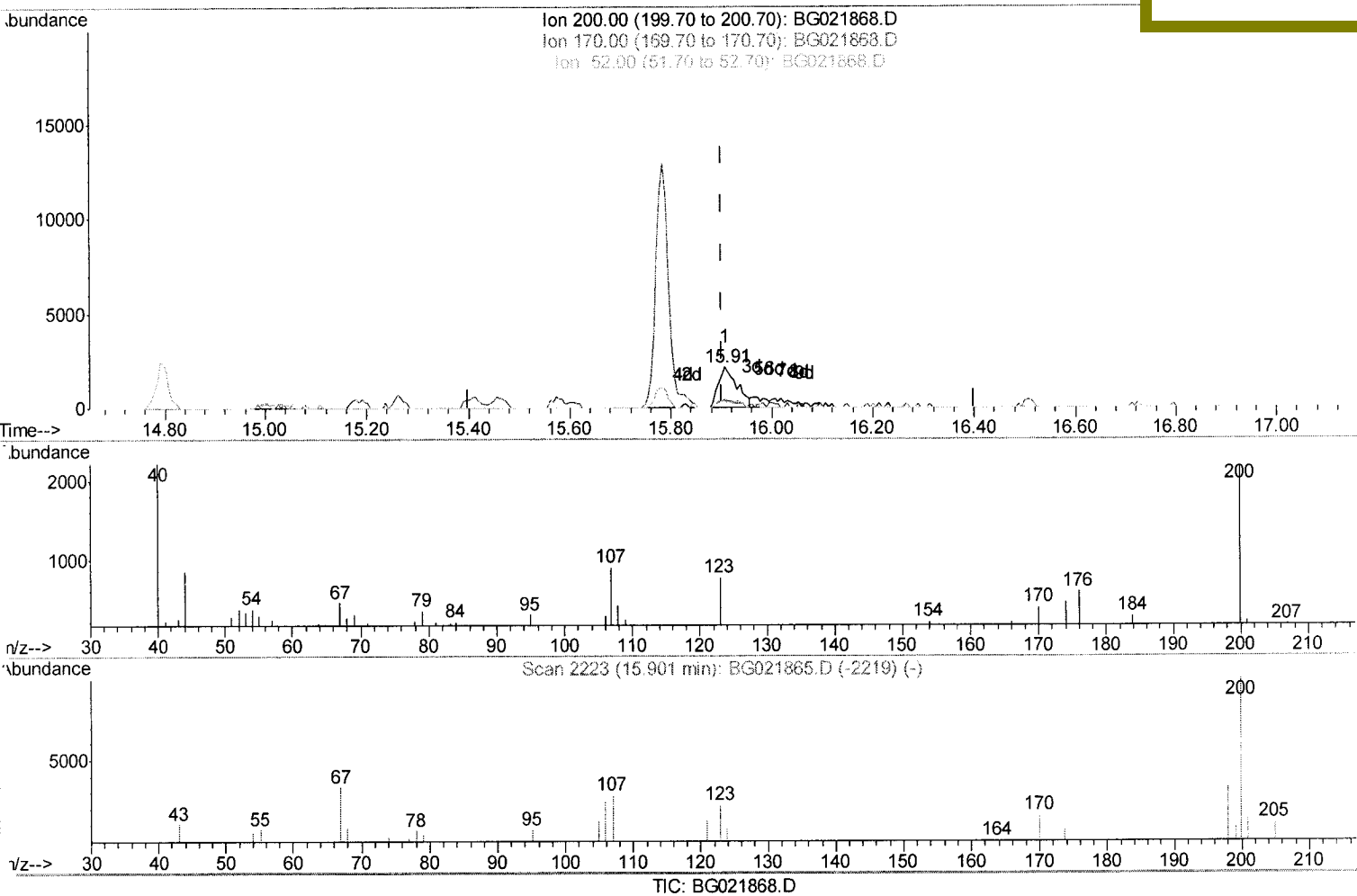
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Quant Time: May 13 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:11:01 PM



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.907min (+0.007) 4.40ng/ul

response 5455

Ion	Exp%	Act%
200.00	100	100
170.00	22.30	17.99
52.00	53.20	17.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

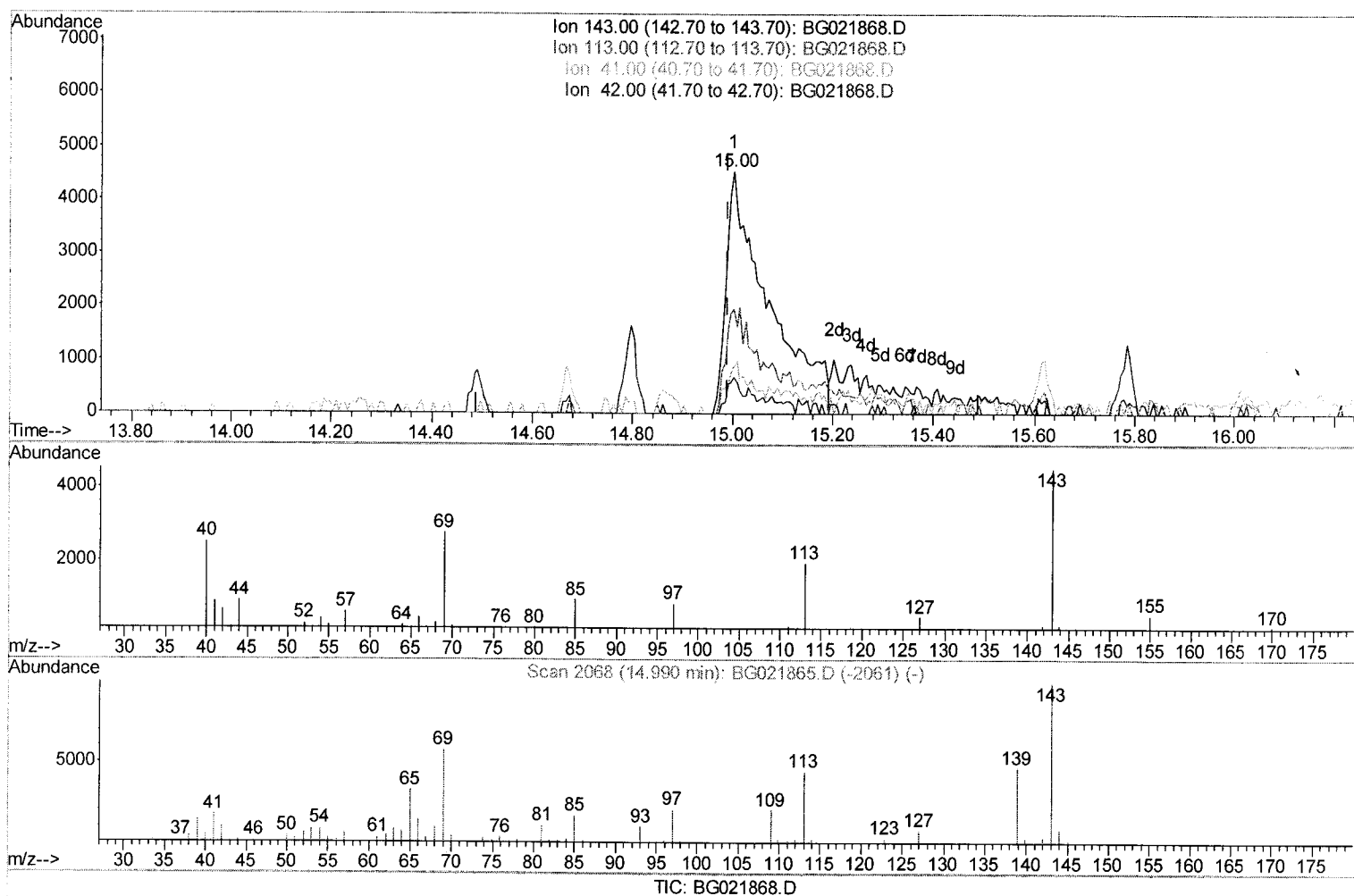
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
 APPROVED

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Quant Time: May 13 04:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(52) 4-Nitrophenol-d4 (S)

15.003min (+0.013) 10.16ng/ul m

response 26427

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	42.80#
41.00	49.70	19.62#
42.00	33.70	15.04#

U.M
 05116116

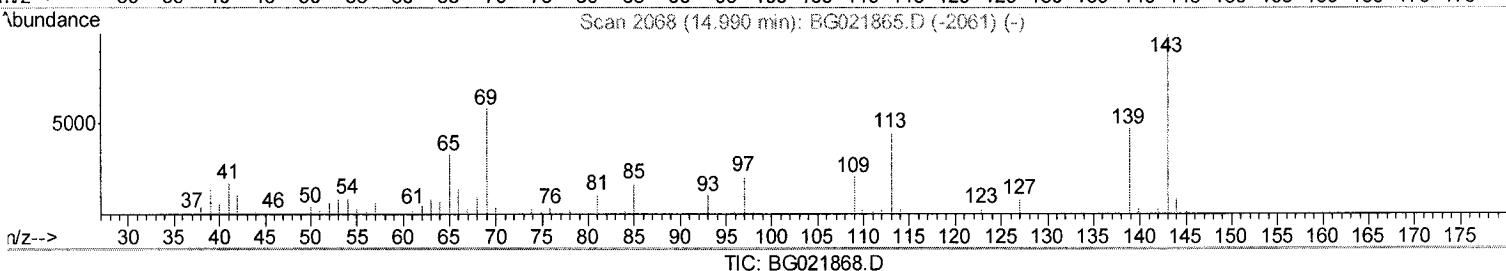
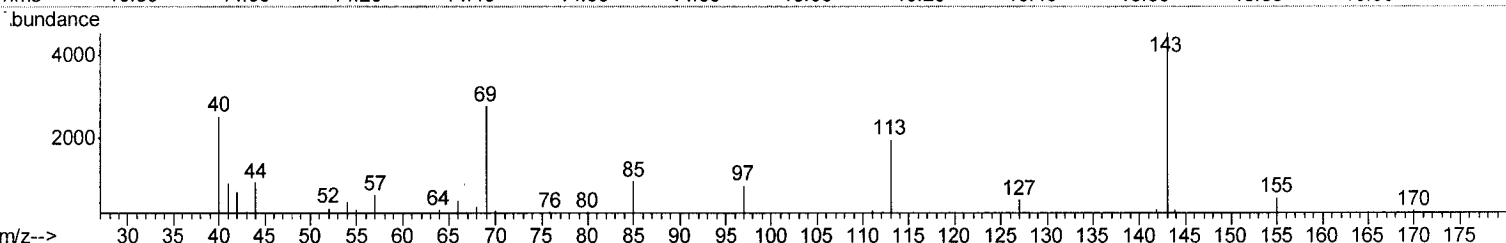
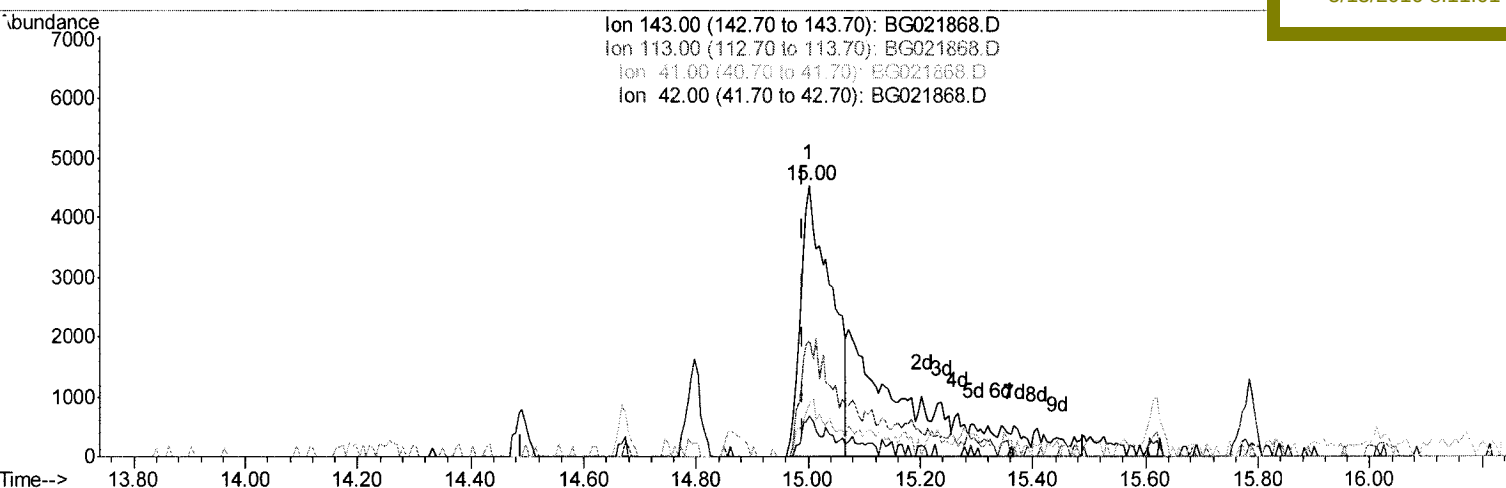
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Quant Time: May 13 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

15.003min (+0.013) 6.60ng/ul

response 17178

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	42.80#
41.00	49.70	19.62#
42.00	33.70	15.04#

Quantitation Report (Qedit)

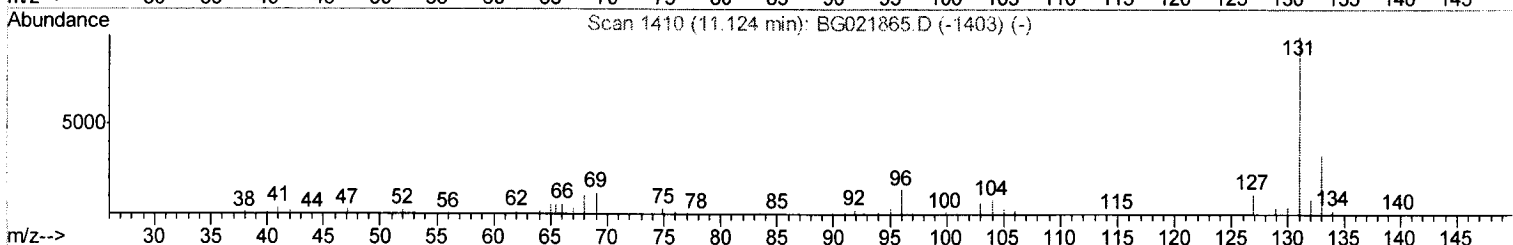
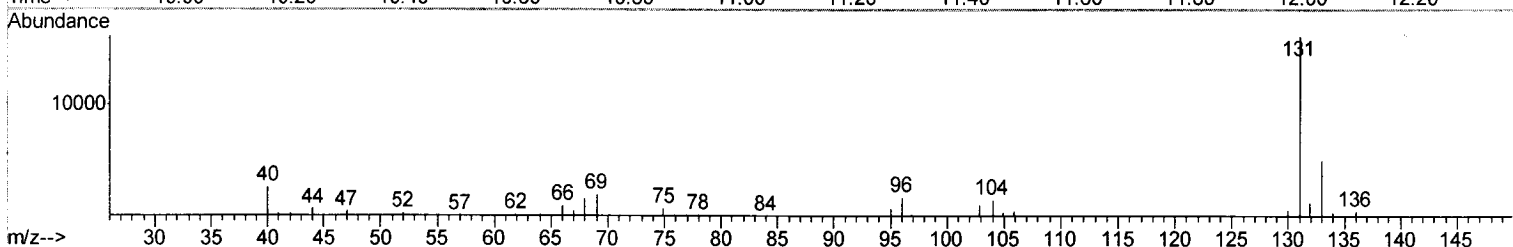
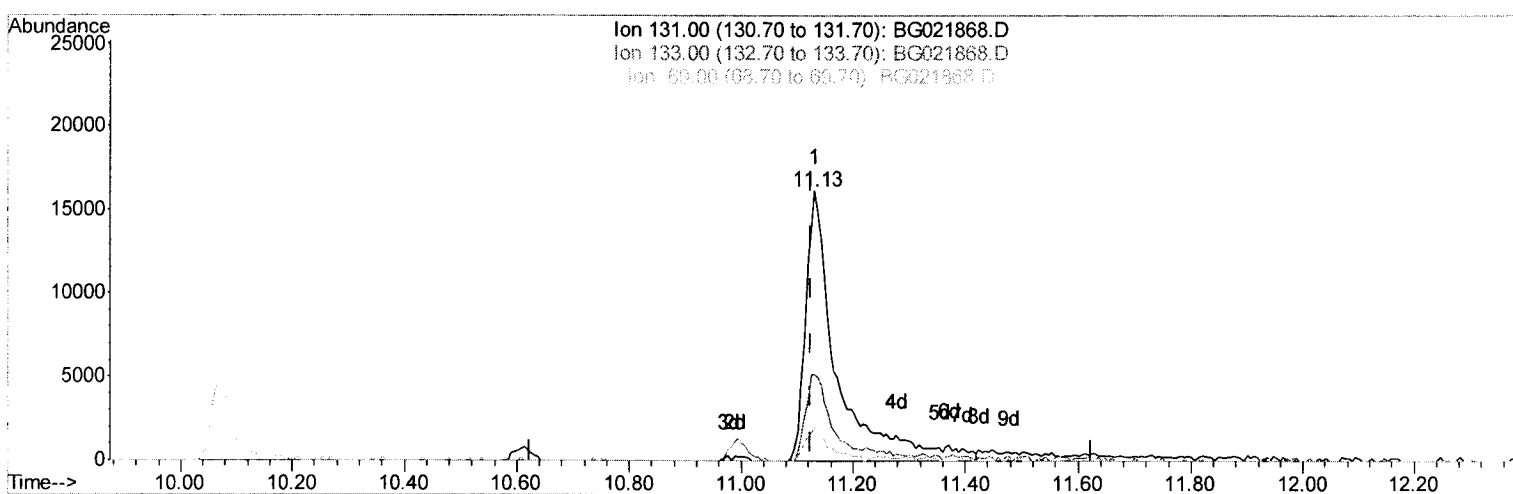
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
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Quant Time: May 13 04:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.131min (+0.007) 14.07ng/ul m > U.M
 response 63407 05/16/16

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.73
69.00	23.00	12.54#
0.00	0.00	0.00

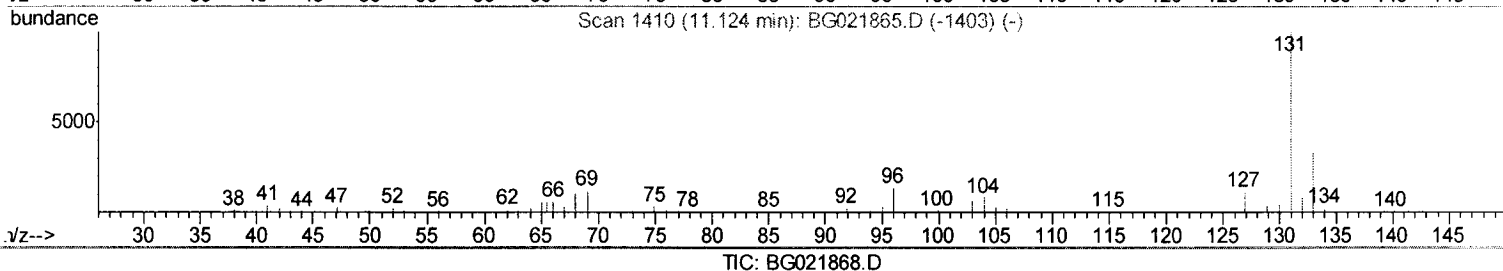
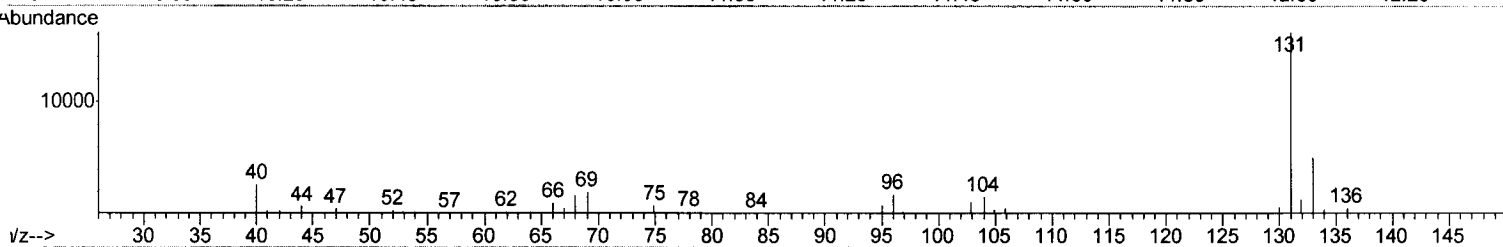
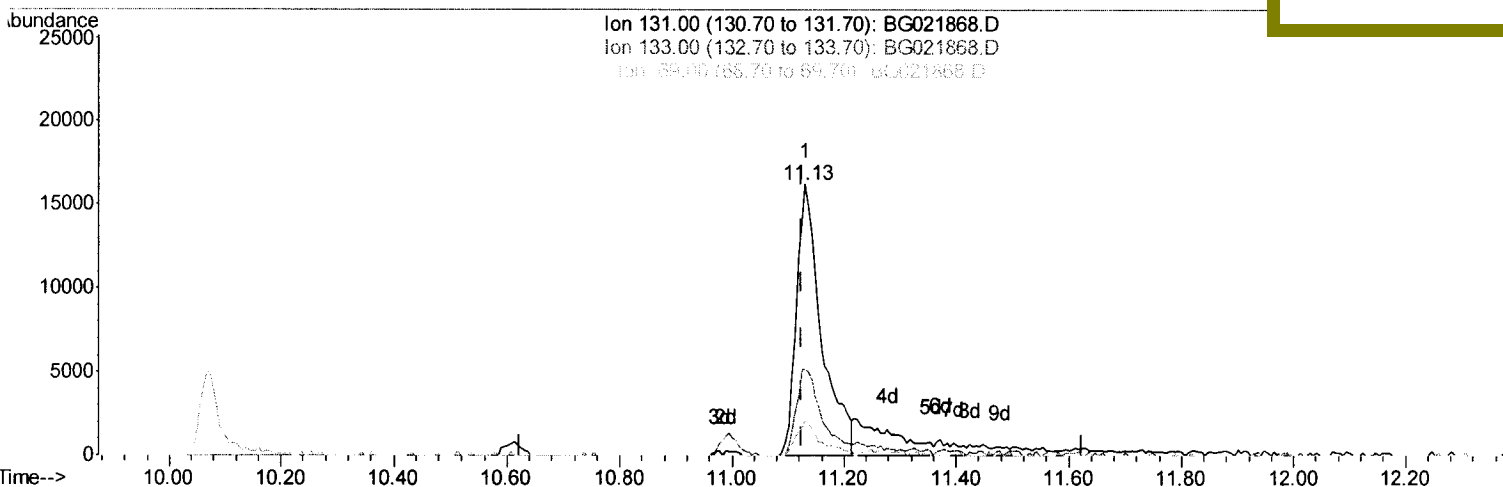
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Quant Time: May 13 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG021868.D

(29) 4-Chloroaniline-d4 (S)

11.131min (+0.007) 11.14ng/ul

response 50217

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.73
69.00	23.00	12.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

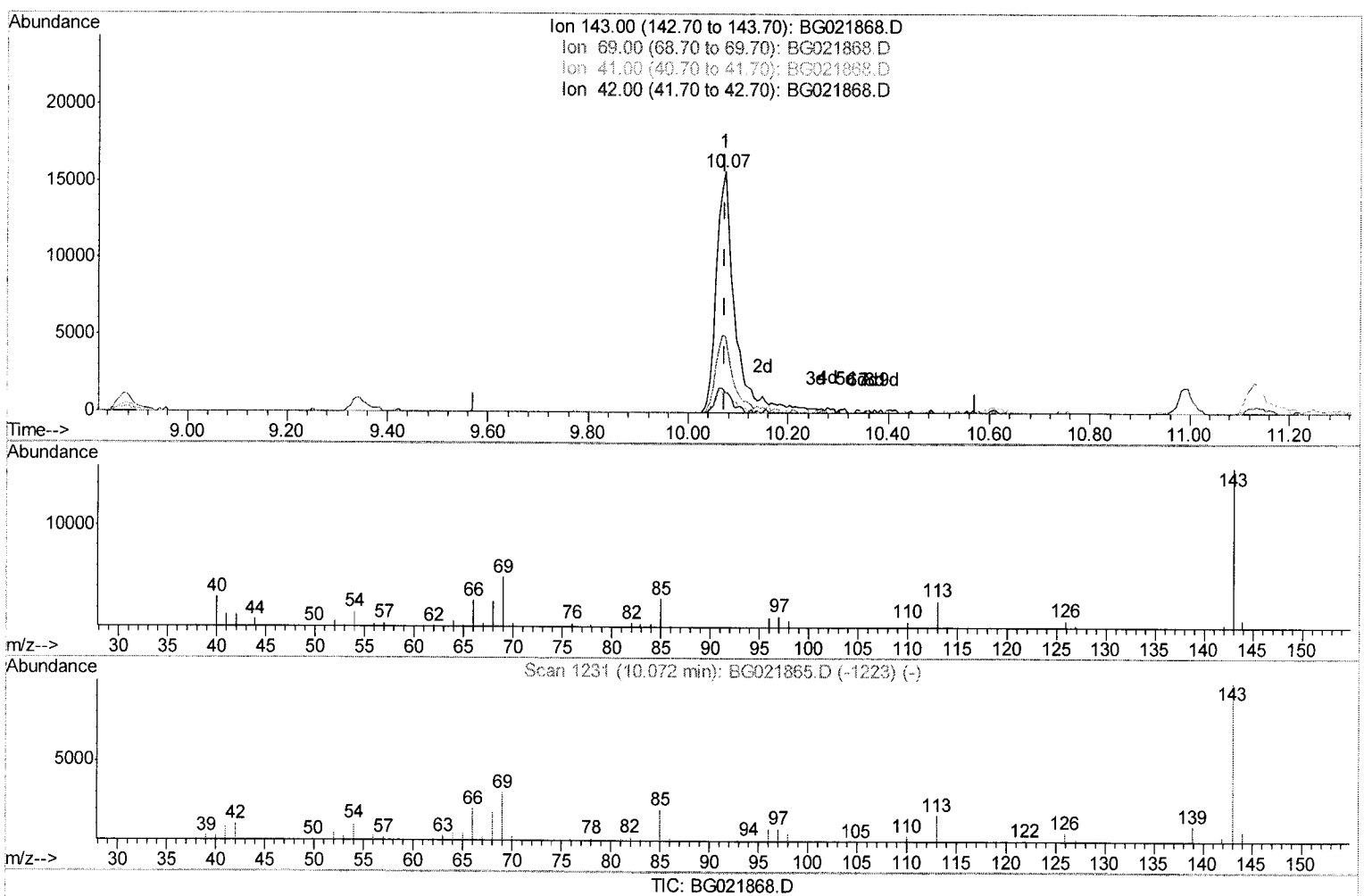
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Manual Integrations
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Quant Time: May 13 04:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

10.073min (+0.001) 27.87ng/ul m

response 41236

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	31.56#
41.00	34.20	8.23#
42.00	33.20	8.42#

U.M
 05/16/16

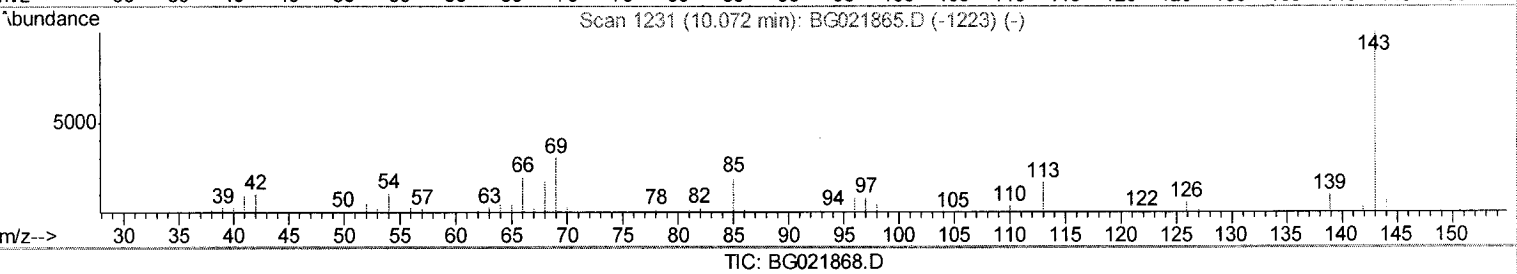
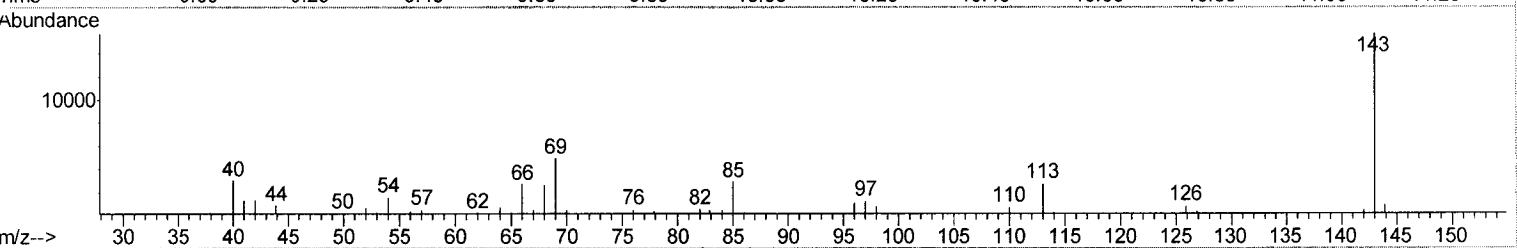
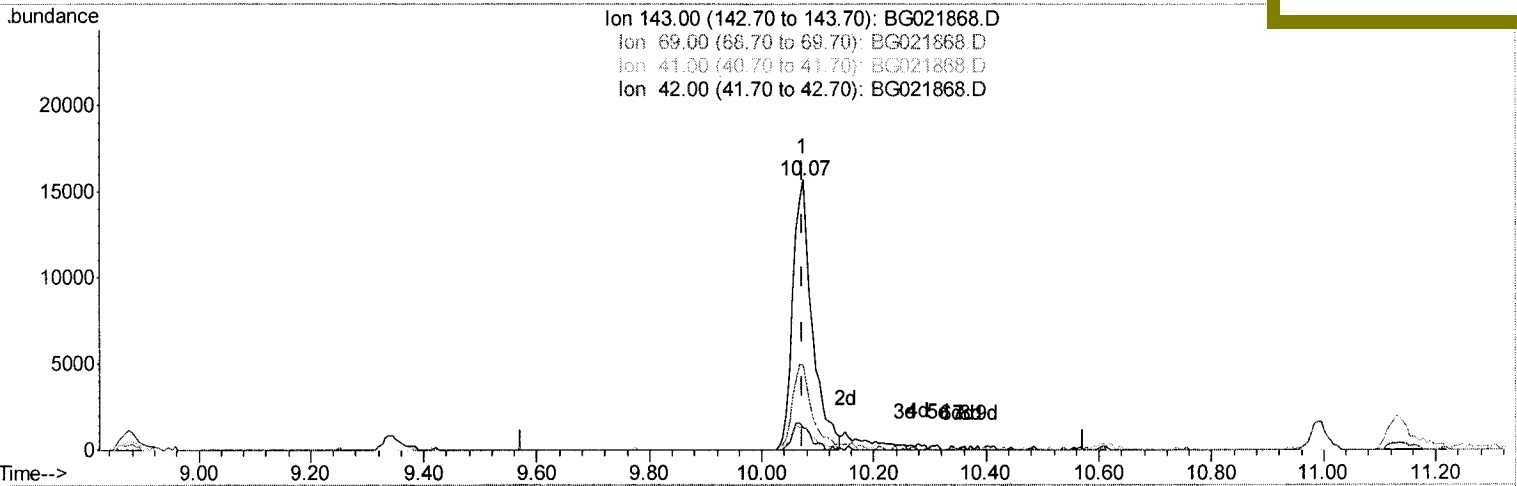
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Quant Time: May 13 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG021868.D

(22) 2-Nitrophenol-d4 (S)

10.073min (+0.001) 25.16ng/ul

response 37224

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	31.56#
41.00	34.20	8.23#
42.00	33.20	8.42#

Quantitation Report (Qedit)

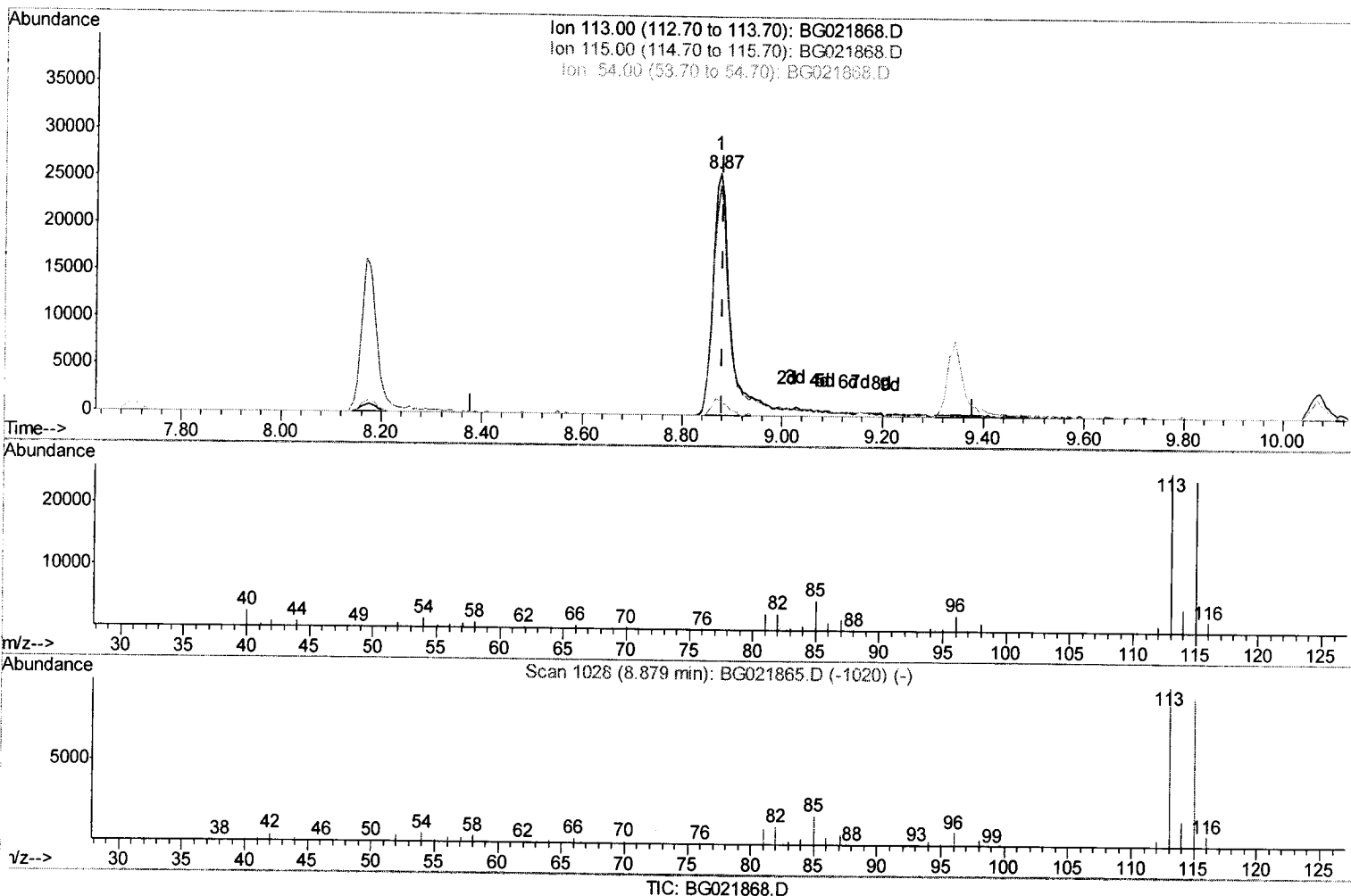
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 D9WJ8

Manual Integrations
 APPROVED

sohil
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Quant Time: May 13 04:59:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.874min (-0.005) 16.57ng/ul m

response 67246

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	95.03
54.00	18.70	6.07#
0.00	0.00	0.00

> U.M
 85 | 16 | 16

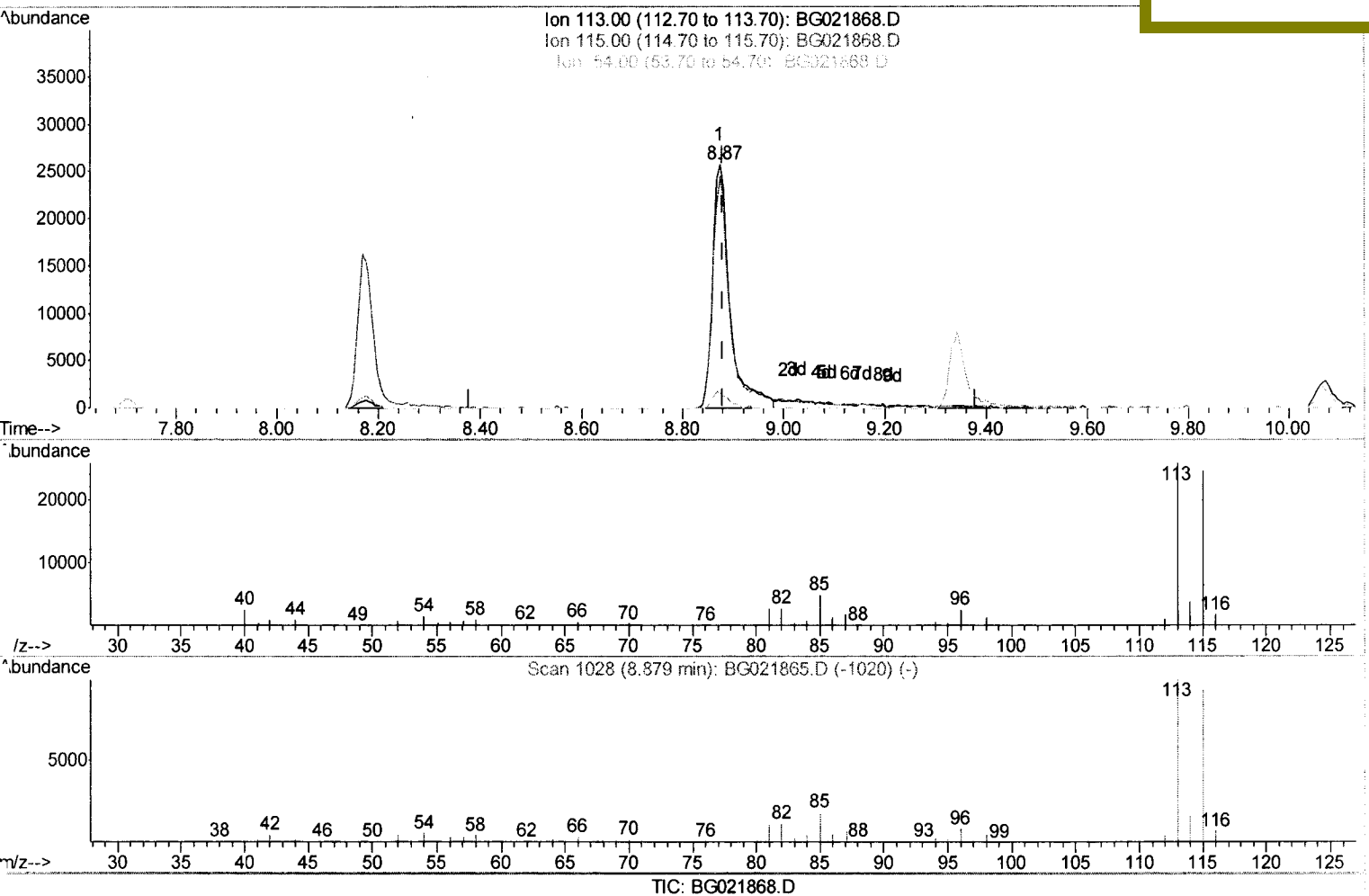
: Z:\HPCHEM1\BNA_G\DATA\BG051216\
: BG021868.D
On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WJ8

Manual Integrations
APPROVED

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Quant Time: May 13 04:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.874min (-0.005) 14.95ng/ul

response 60674

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	95.03
54.00	18.70	6.07#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021868.D
 Acq On : 12 May 2016 14:34
 Operator : UM/SJ
 Sample : H2936-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8

Quant Time: May 13 05:28:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:11:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65100	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	356307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	216044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	447179	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	469026	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	492681m	20.00	ng/ul	0.01

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	2973	2.20	ng/uL	0.00
5) Phenol-d5	7.32	99	62795	13.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	29202	12.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	64830	17.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	67246m	16.57	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	29487	12.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	41236m	27.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	66665	15.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	63407m	14.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	214707	14.15	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	282340	13.10	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	26427m	10.16	ng/ul	0.01
58) Fluorene-d10	15.78	176	191935	12.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	6295m	5.08	ng/ul	0.00
71) Anthracene-d10	17.63	188	277508	12.75	ng/ul	0.00
77) Pyrene-d10	19.91	212	287547	13.10	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	272131m	11.63	ng/ul	0.01

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Target Compounds

					Qvalue
45) Dimethylphthalate	14.24	163	33098	2.14	ng/ul 98
50) Acenaphthene	14.86	153	32587	2.12	ng/ul 95
70) Phenanthrene	17.58	178	372301	15.23	ng/ul 97
72) Anthracene	17.67	178	72093	2.90	ng/ul 97
73) Carbazole	17.95	167	90098m	4.18	ng/ul
75) Fluoranthene	19.59	202	1300923	46.84	ng/ul# 91
78) Pyrene	19.94	202	1331069m	49.05	ng/ul
81) Benzo(a)anthracene	21.81	228	1416179	54.26	ng/ul 92
82) Bis(2-ethylhexyl)phthalate	21.69	149	205351	20.97	ng/ul 96
83) Chrysene	21.88	228	1529330m	59.23	ng/ul
86) Benzo(b)fluoranthene	24.13	252	3210767m	113.85	ng/ul
87) Benzo(k)fluoranthene	24.19	252	1282857m	42.49	ng/ul
89) Benzo(a)pyrene	25.04	252	2562083m	91.26	ng/ul
90) Indeno(1,2,3-cd)pyrene	29.06	276	2480016m	74.54	ng/ul
91) Dibenzo(a,h)anthracene	29.09	278	664681m	24.00	ng/ul
92) Benzo(g,h,i)perylene	30.27	276	2135013m	77.75	ng/ul

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