

Quantitation Report (QT Reviewed)

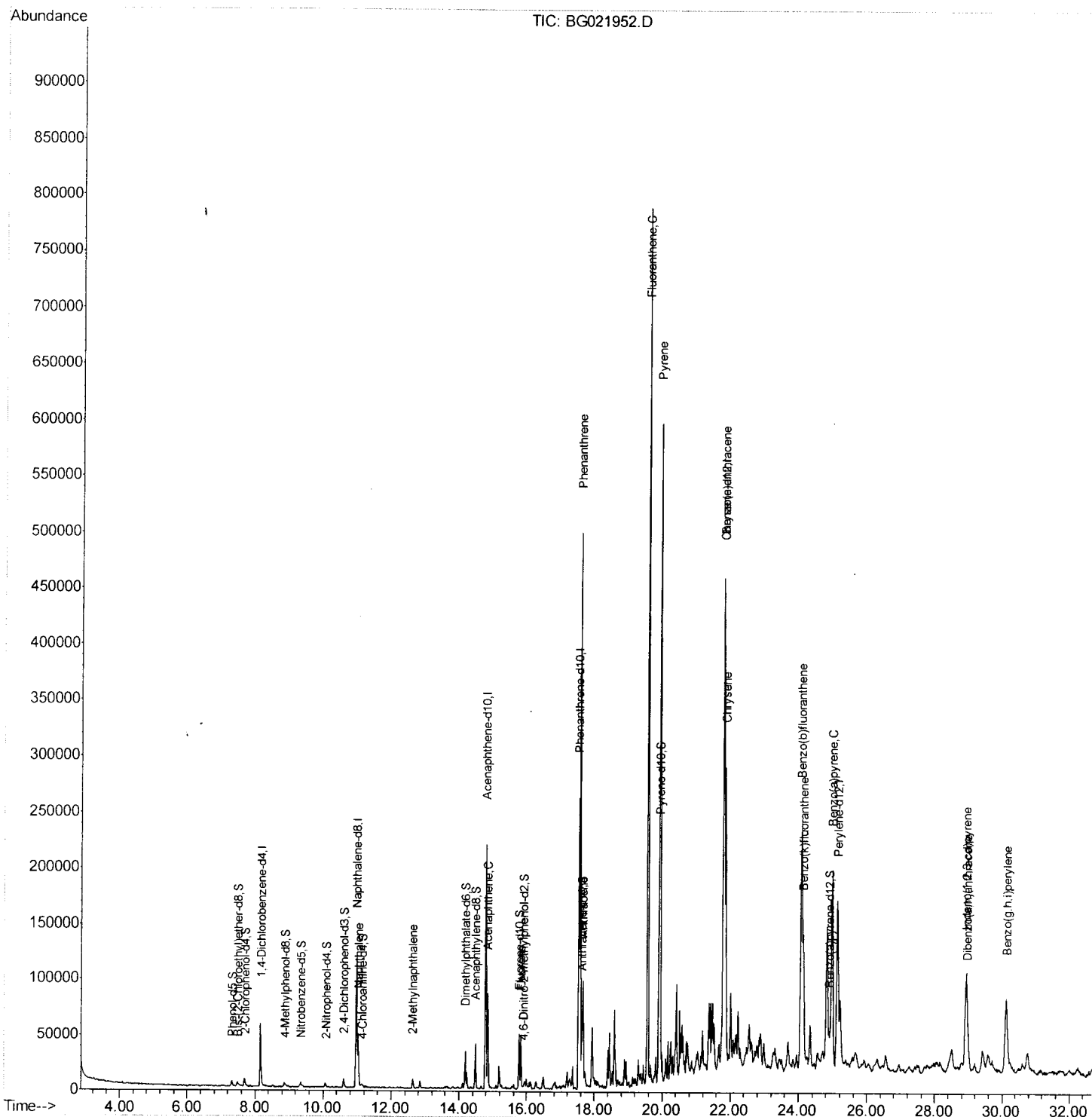
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:40:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

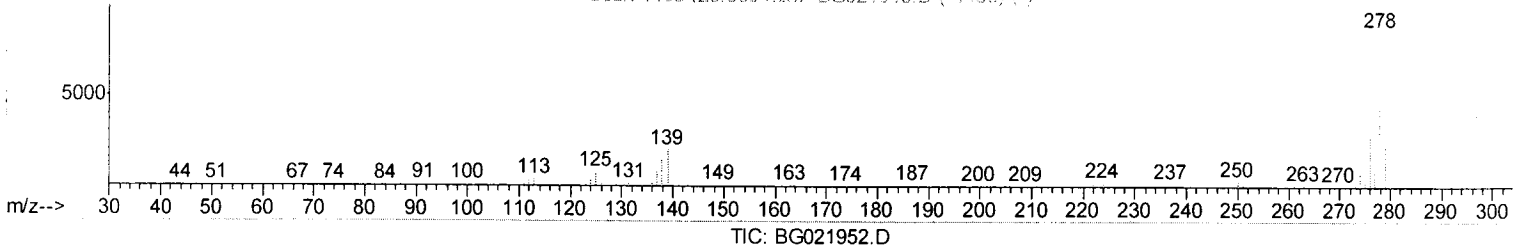
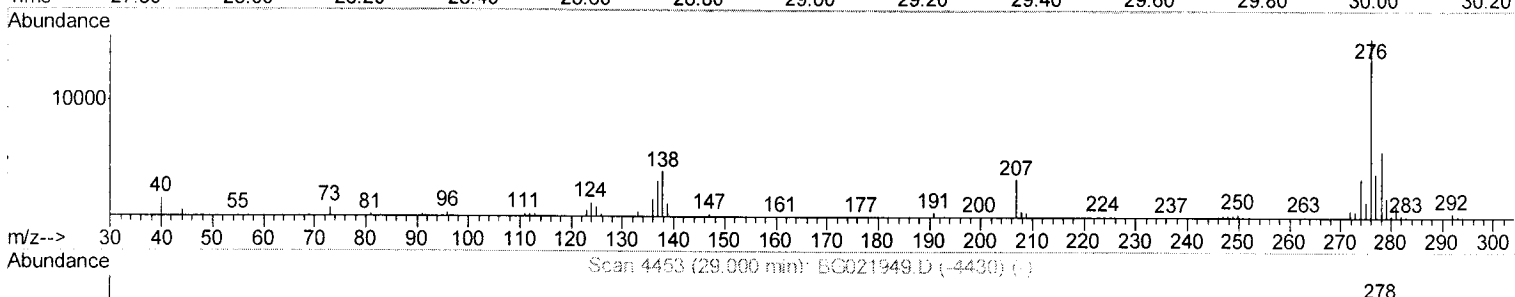
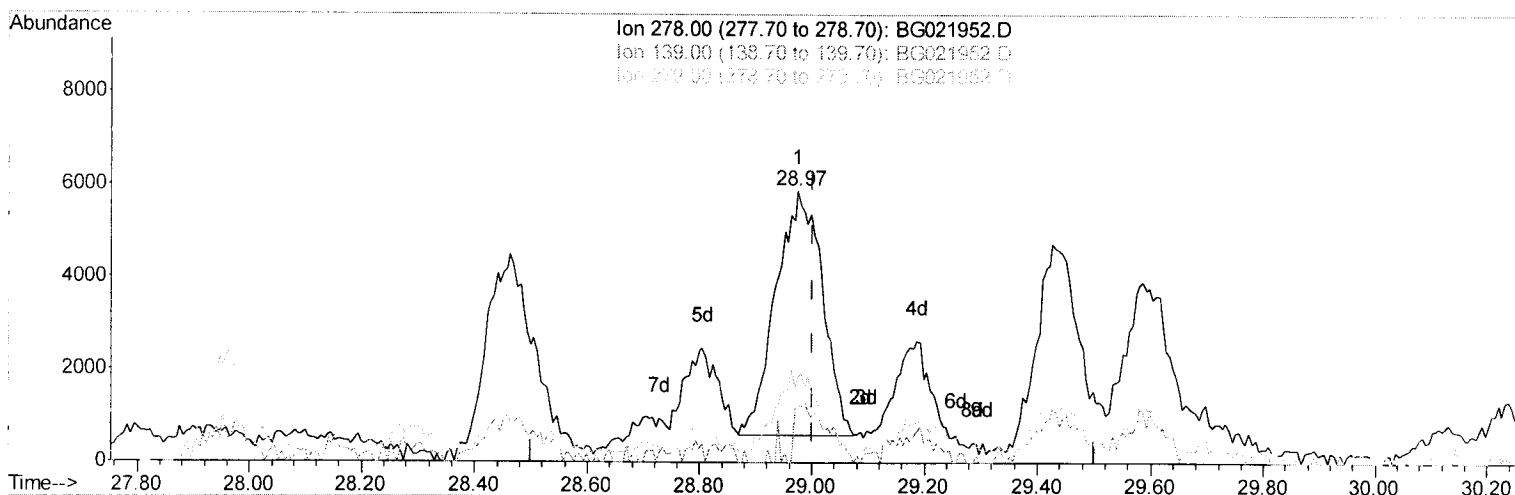
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(40) Dibenzo(a,h)anthracene

28.975min (-0.026) 3.70ng/ul m

response 30218

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	21.43#
279.00	24.80	30.70#
0.00	0.00	0.00

> U.N.
 05/20/16

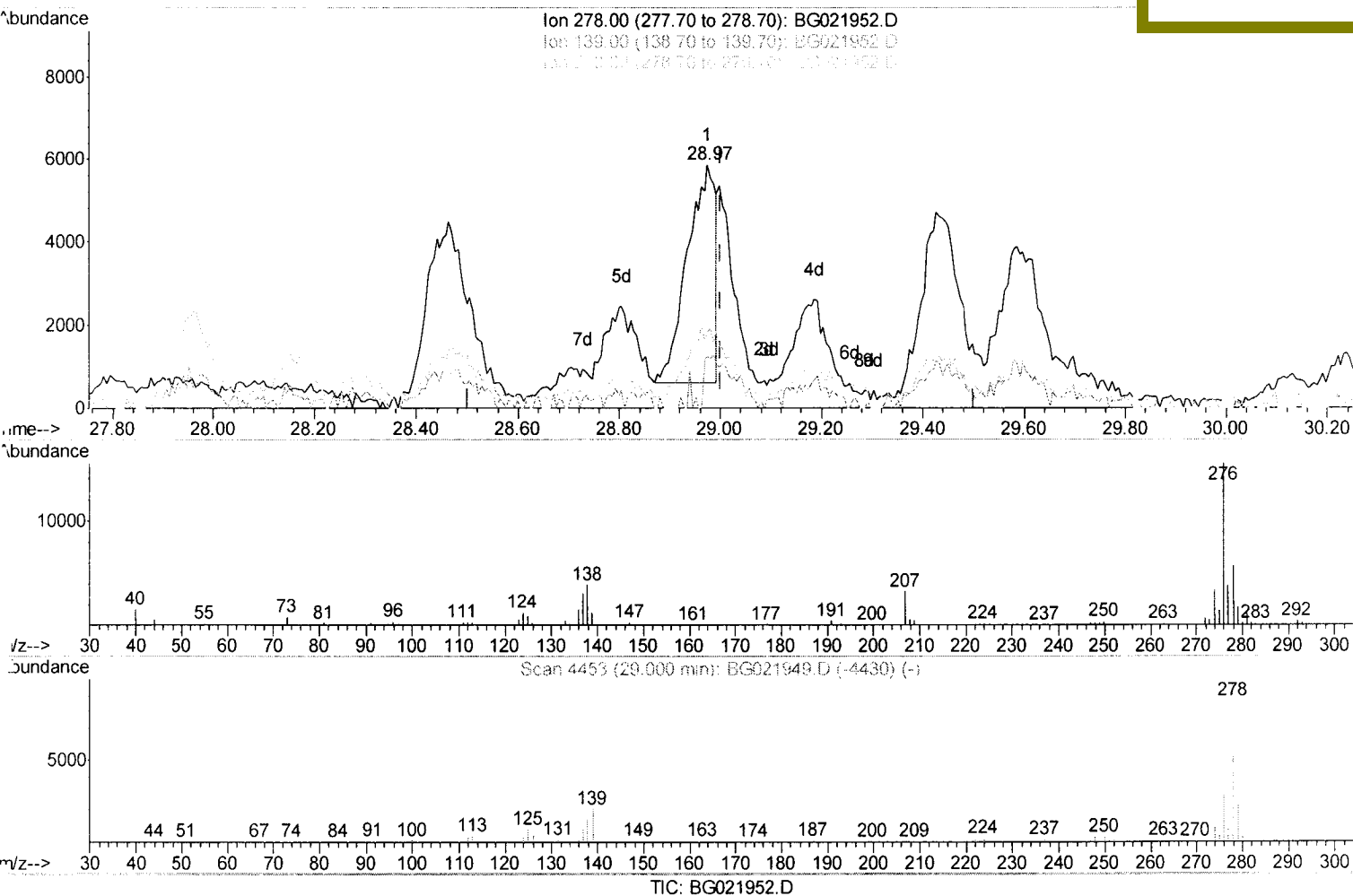
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021952.D
Acq On : 19 May 2016 3:58
Operator : UM/SJ
Sample : H3096-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Quant Time: May 19 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/19/2016 7:08:28 PM



(40) Dibenzo(a,h)anthracene

28.975min (-0.026) 2.49ng/ul

response 20346

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	21.43#
279.00	24.80	30.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

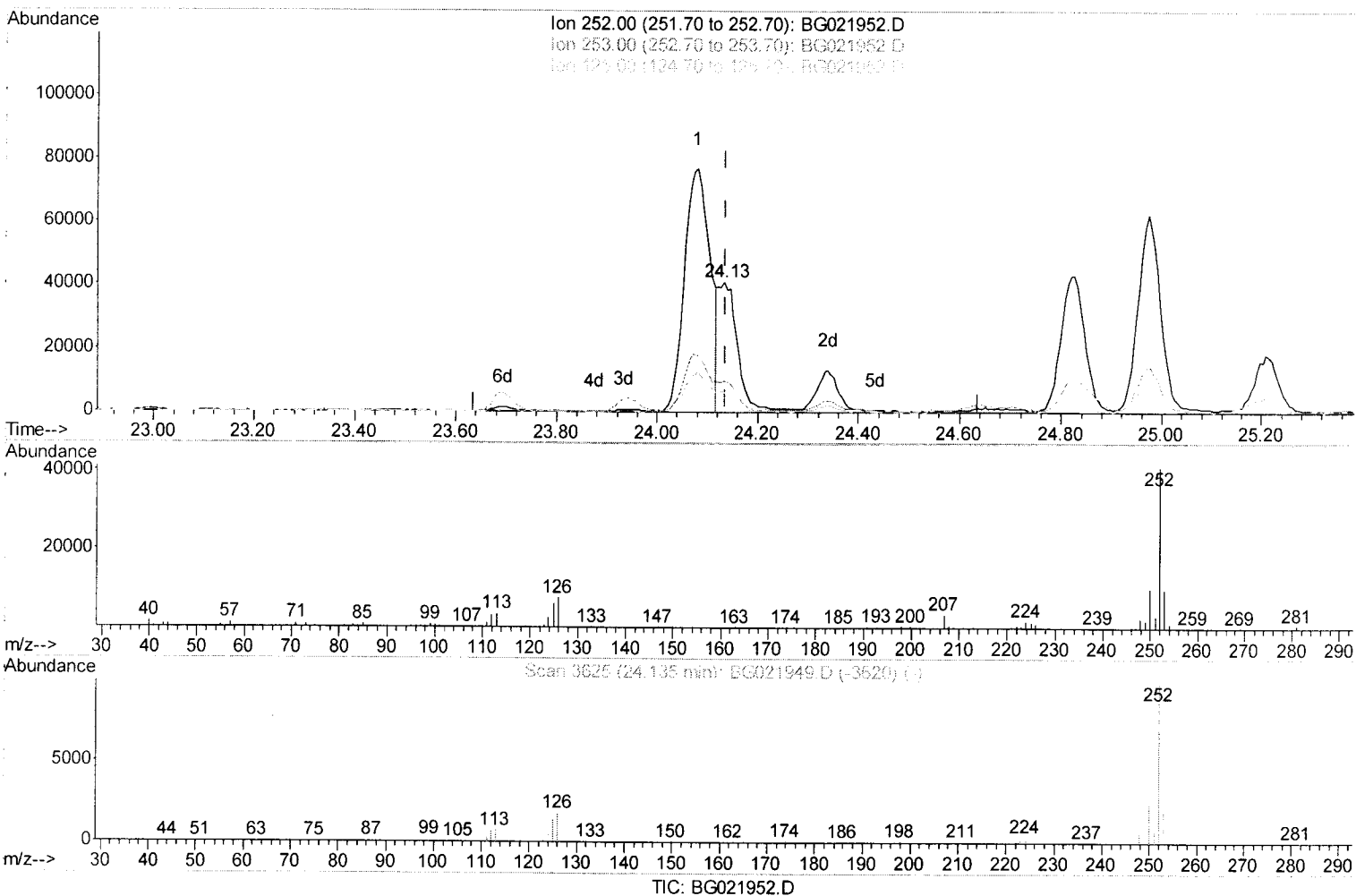
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(36) Benzo(k)fluoranthene

24.133min (-0.002) 12.16ng/ul m

response 108490

Ion Exp% Act%

252.00 100 100

253.00 22.30 23.96

125.00 9.60 15.71#

0.00 0.00 0.00

U.M.
 05/20/16

Quantitation Report (Qedit)

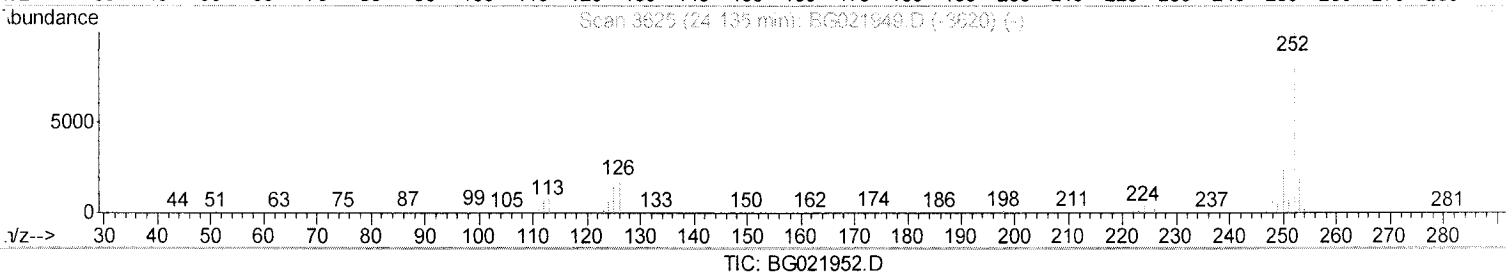
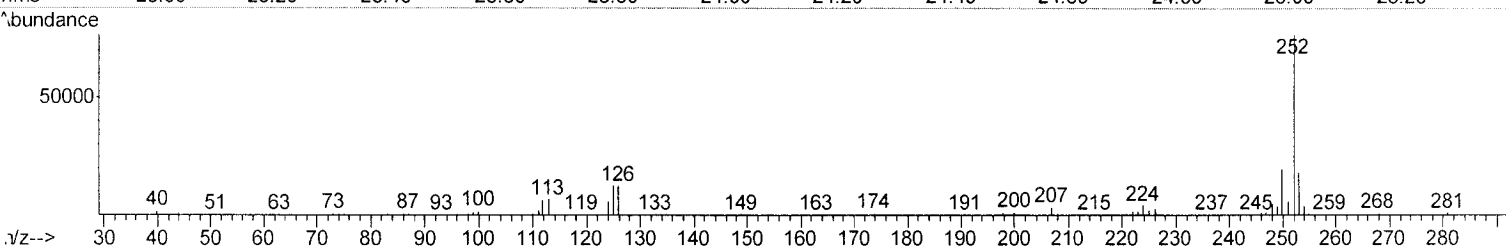
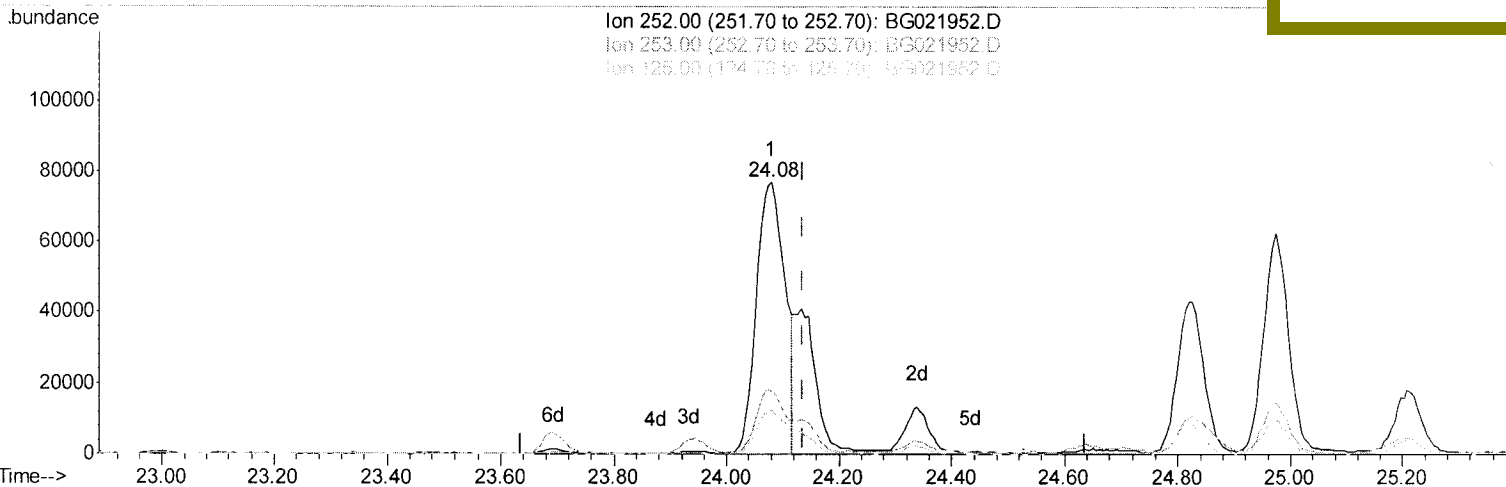
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM



(36) Benzo(k)fluoranthene

24.080min (-0.055) 30.22ng/ul

response 269637

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.29
125.00	9.60	16.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

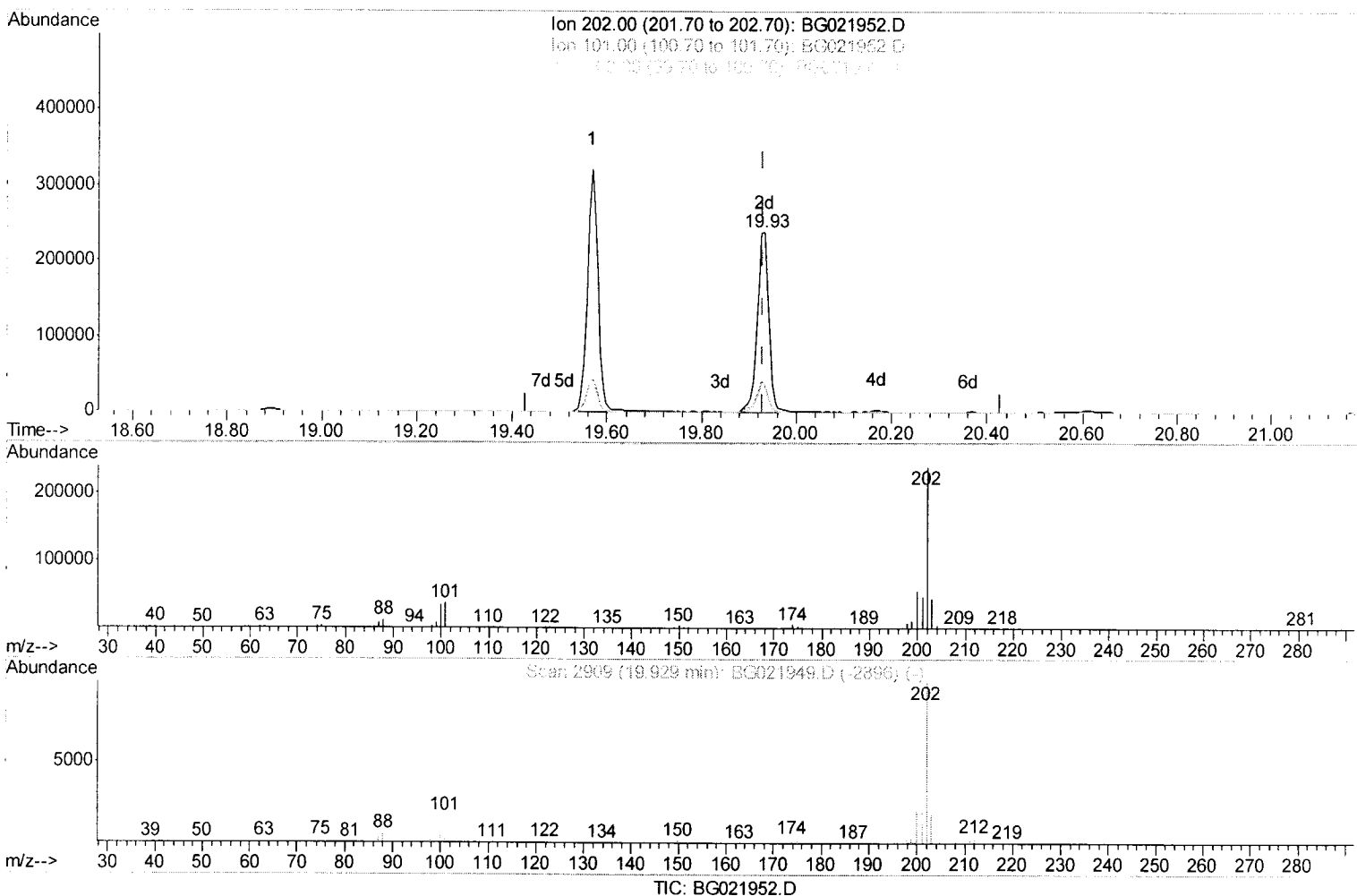
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(31) Pyrene

19.932min (+0.004) 35.59ng/ul m

response 409599

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.76#
100.00	11.60	14.14#
0.00	0.00	0.00

U.M.
 05/20/16

Quantitation Report (Qedit)

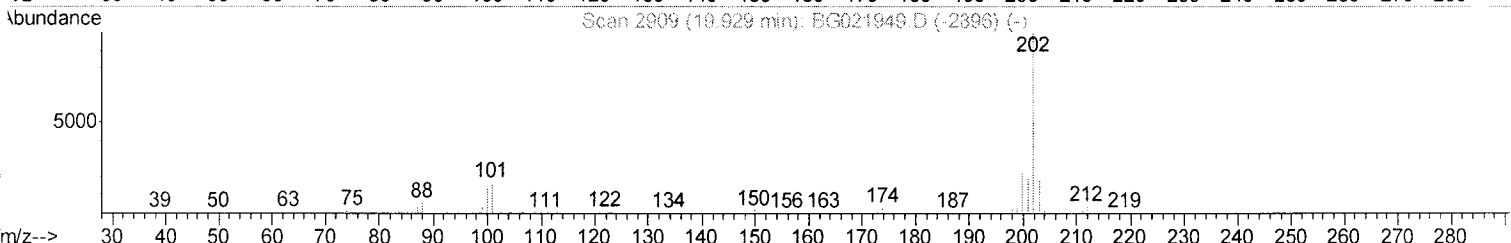
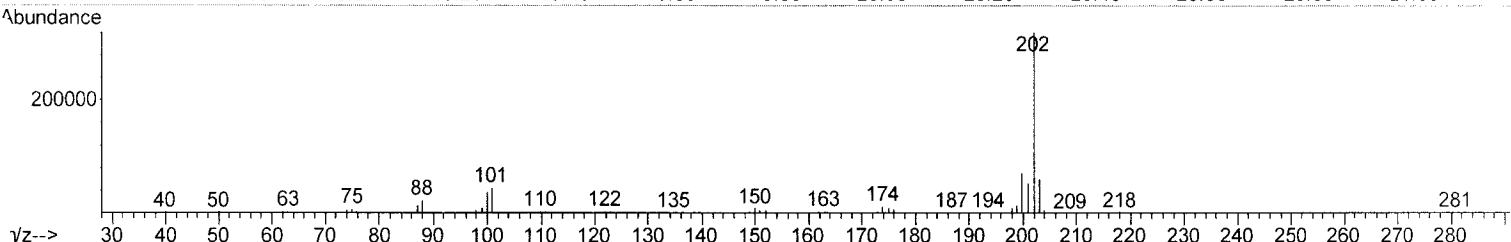
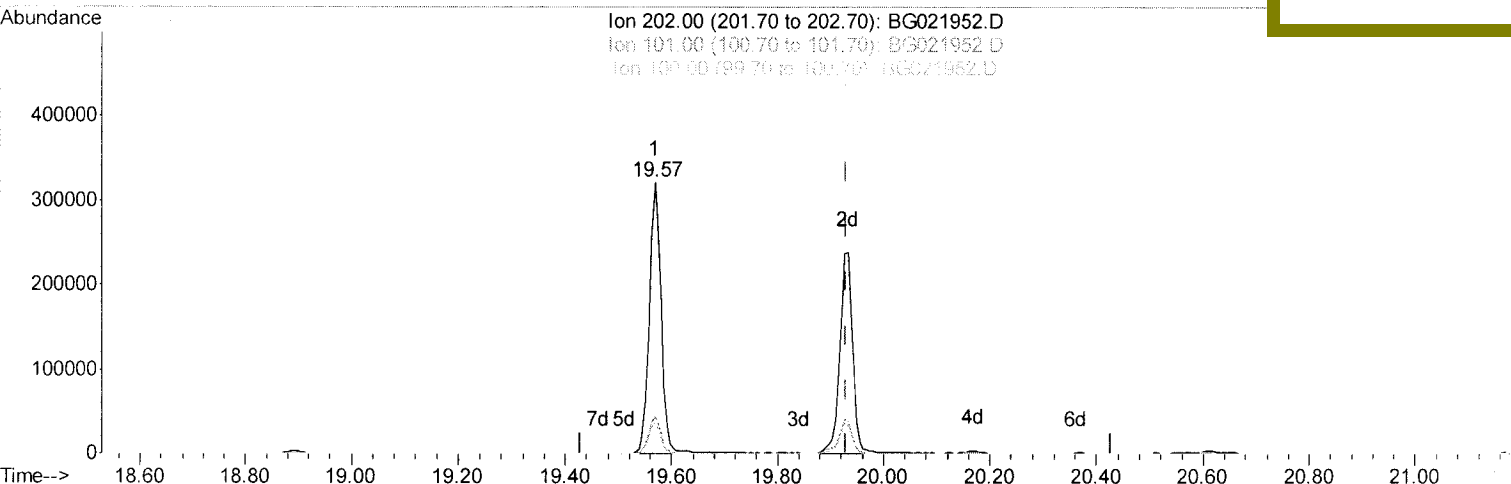
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM



TIC: BG021952.D

(31) Pyrene

19.568min (-0.361) 42.93ng/ui

response 494091

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.79
100.00	11.60	11.49
0.00	0.00	0.00

Quantitation Report (Qedit)

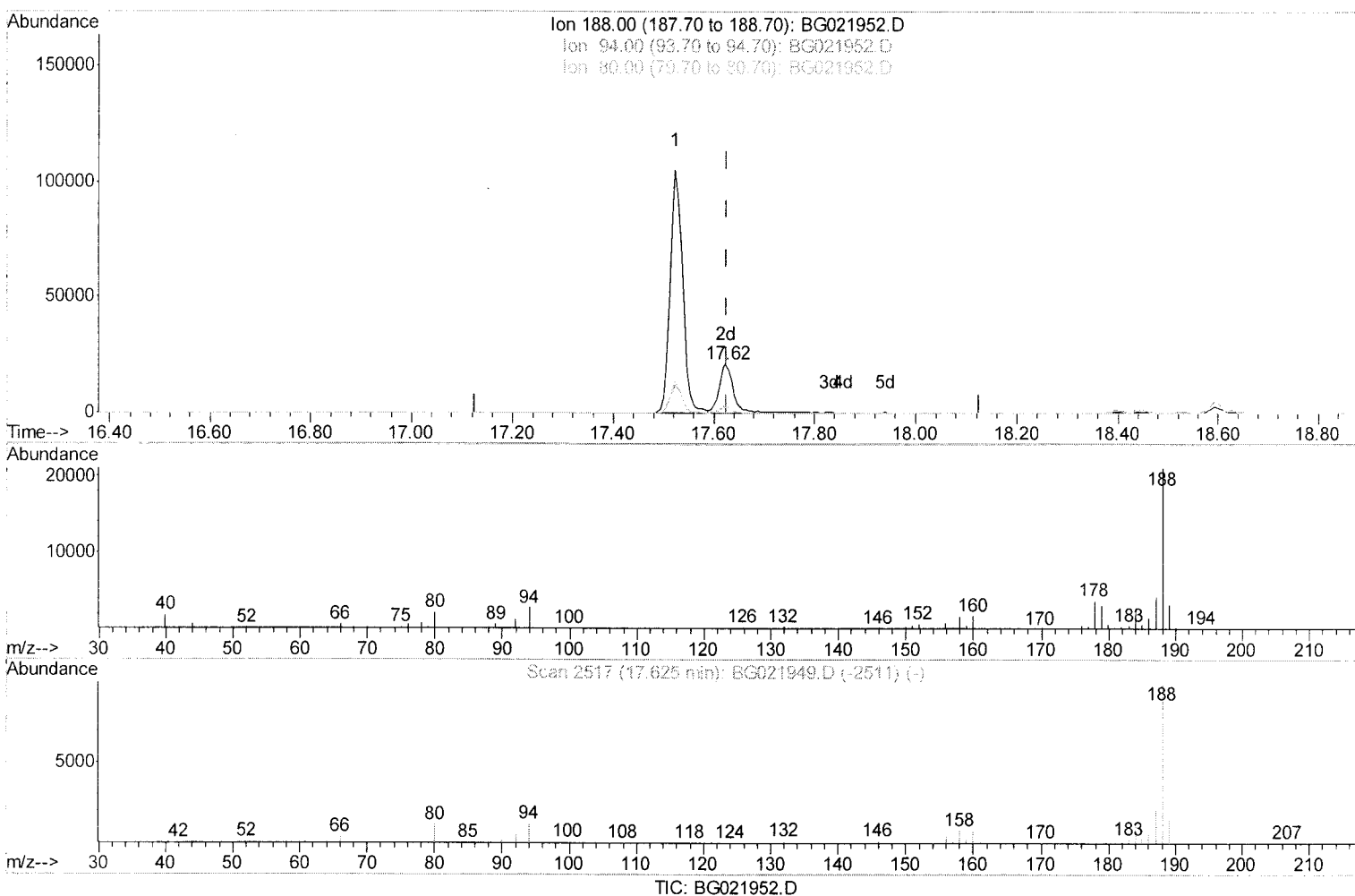
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(26) Anthracene-d10 (S)

17.623min (-0.002) 4.84ng/ul m

response 40084

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	13.34#
80.00	10.80	10.40
0.00	0.00	0.00

U.M.
 05/20/16

Quantitation Report (Qedit)

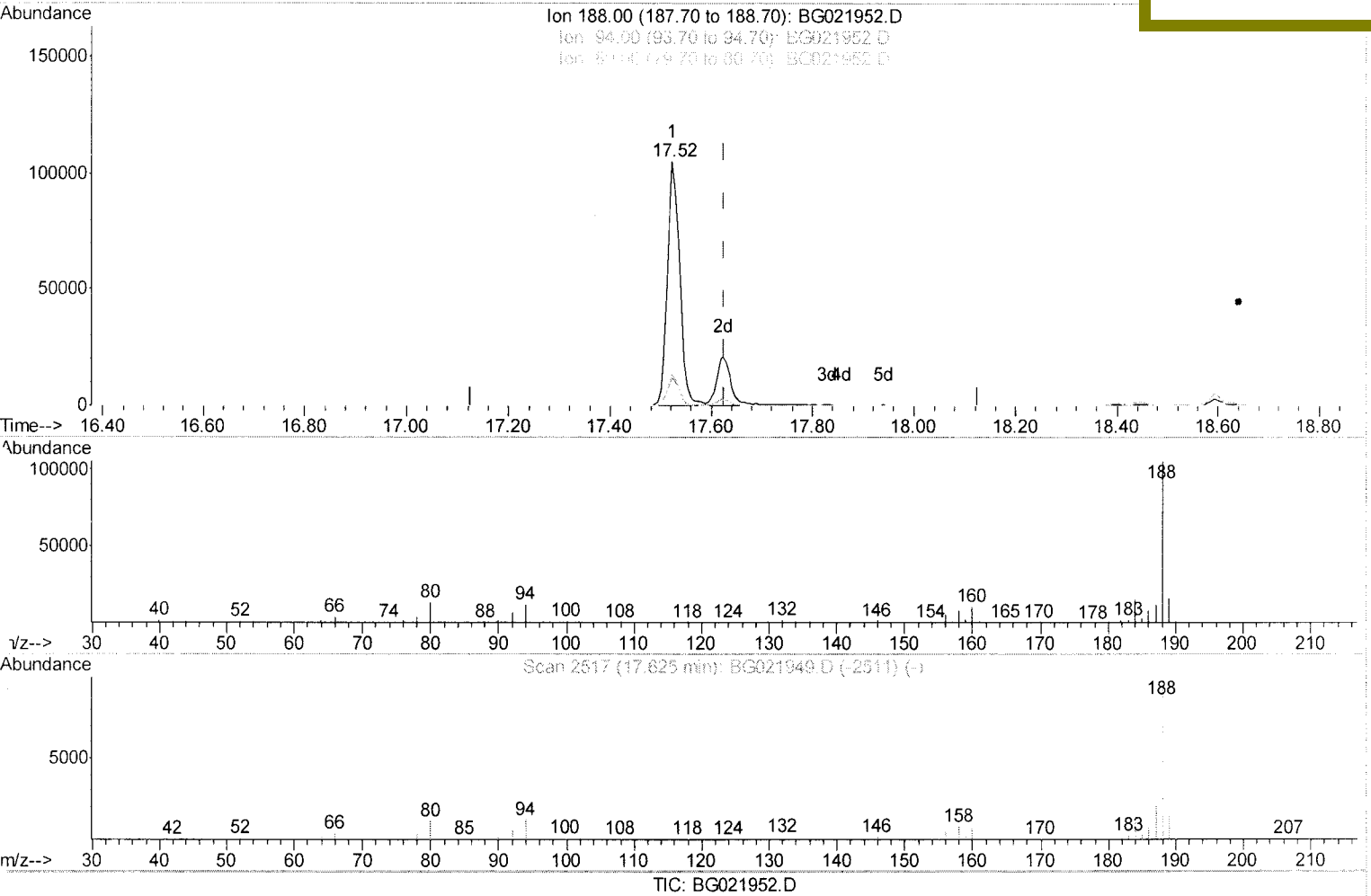
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(26) Anthracene-d10 (S)

17.523min (-0.102) 21.70ng/ul

response 179845

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	11.33
80.00	10.80	12.79
0.00	0.00	0.00

Quantitation Report (Qedit)

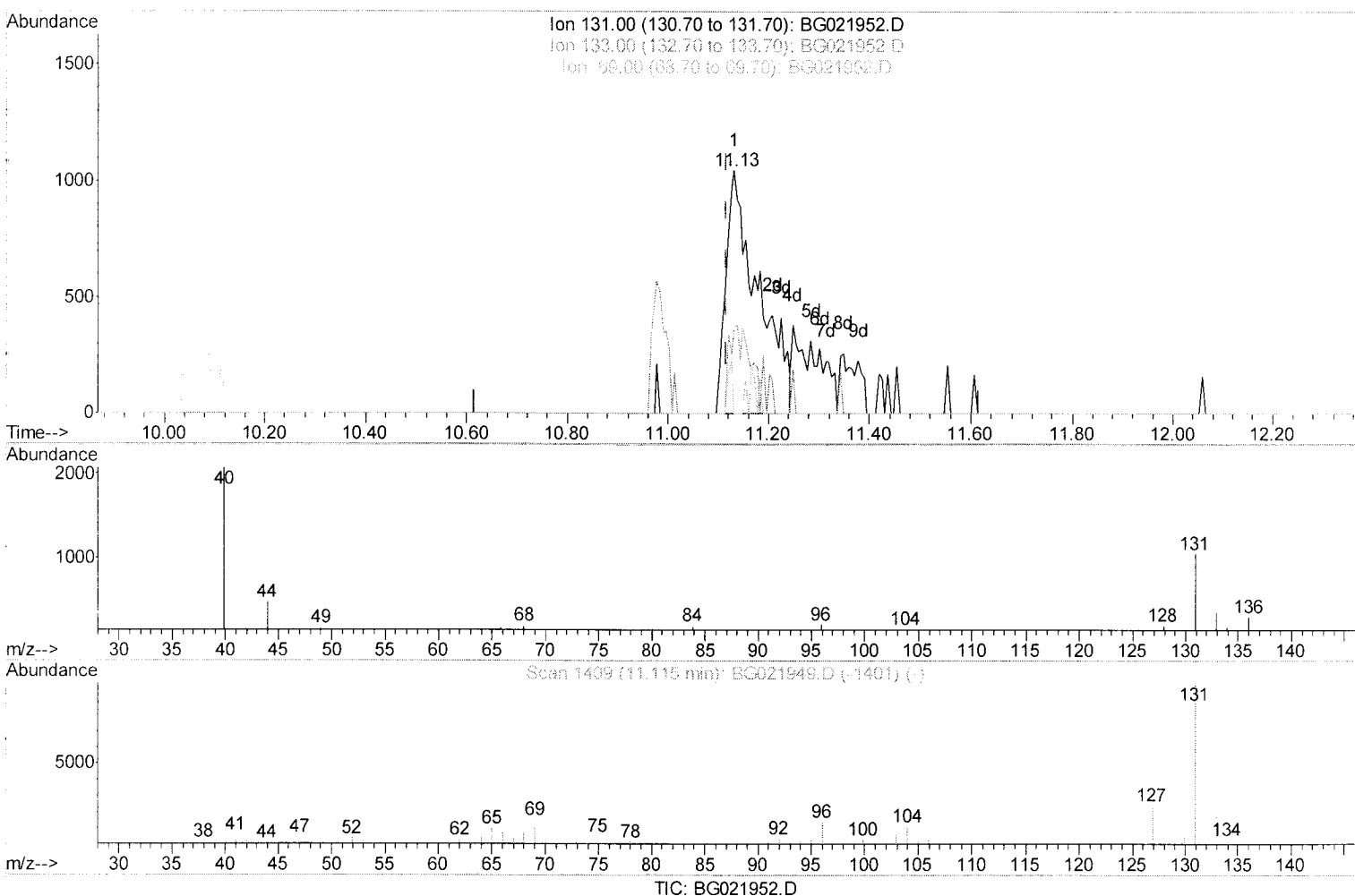
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(12) 4-Chloroaniline-d4 (S)

11.131min (+0.015) 3.29ng/ul m

response 4667

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	34.70
69.00	23.00	0.00#
0.00	0.00	0.00

> U.M.
 05/20/16

Quantitation Report (Qedit)

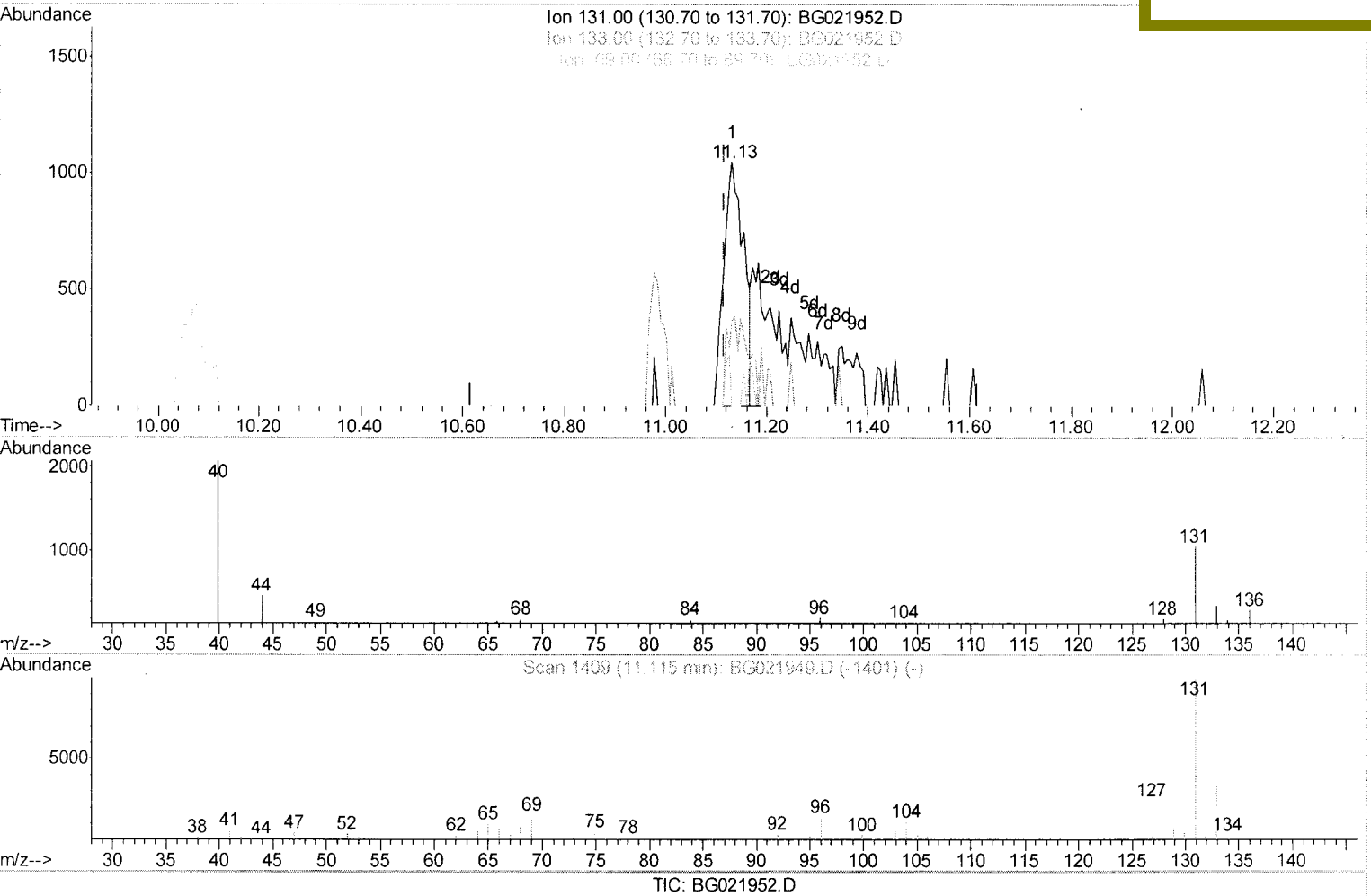
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM



(12) 4-Chloroaniline-d4 (S)

11.131min (+0.015) 2.03ng/ul

response 2875

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	34.70
69.00	23.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

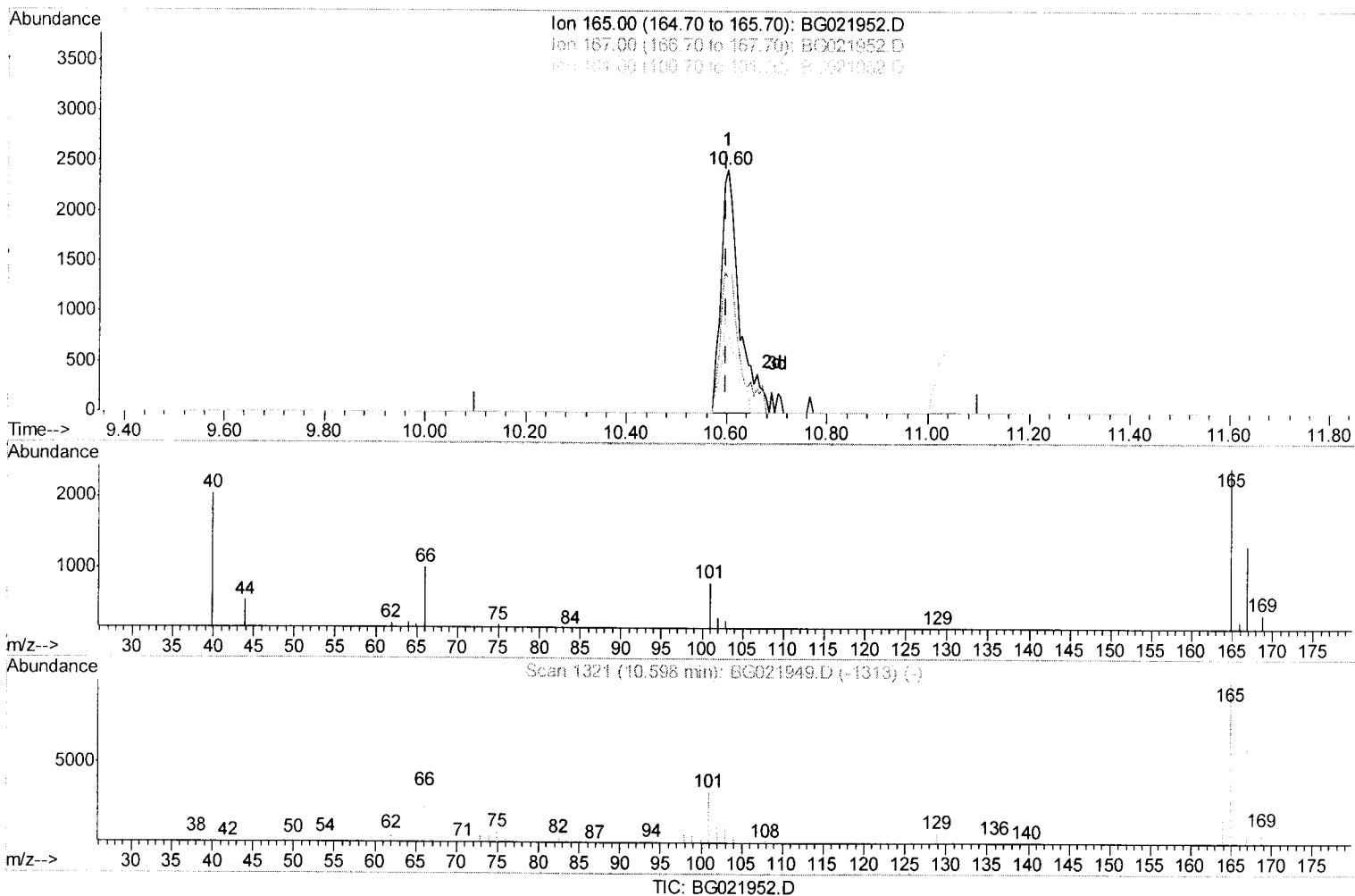
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA G
 Client Sample Id :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(10) 2,4-Dichlorophenol-d3 (S)

10.602min (+0.004) 3.43ng/ul m

response 6171

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	55.19
101.00	41.00	32.74#
0.00	0.00	0.00

U.M.
 05/20/16

Quantitation Report (Qedit)

```

Data Path   : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File   : BG021952.D
Acq On      : 19 May 2016    3:58
Operator    : UM/SJ
Sample      : H3096-04DL 5X
Misc        :
ALS Vial    : 18      Sample Multiplier: 1

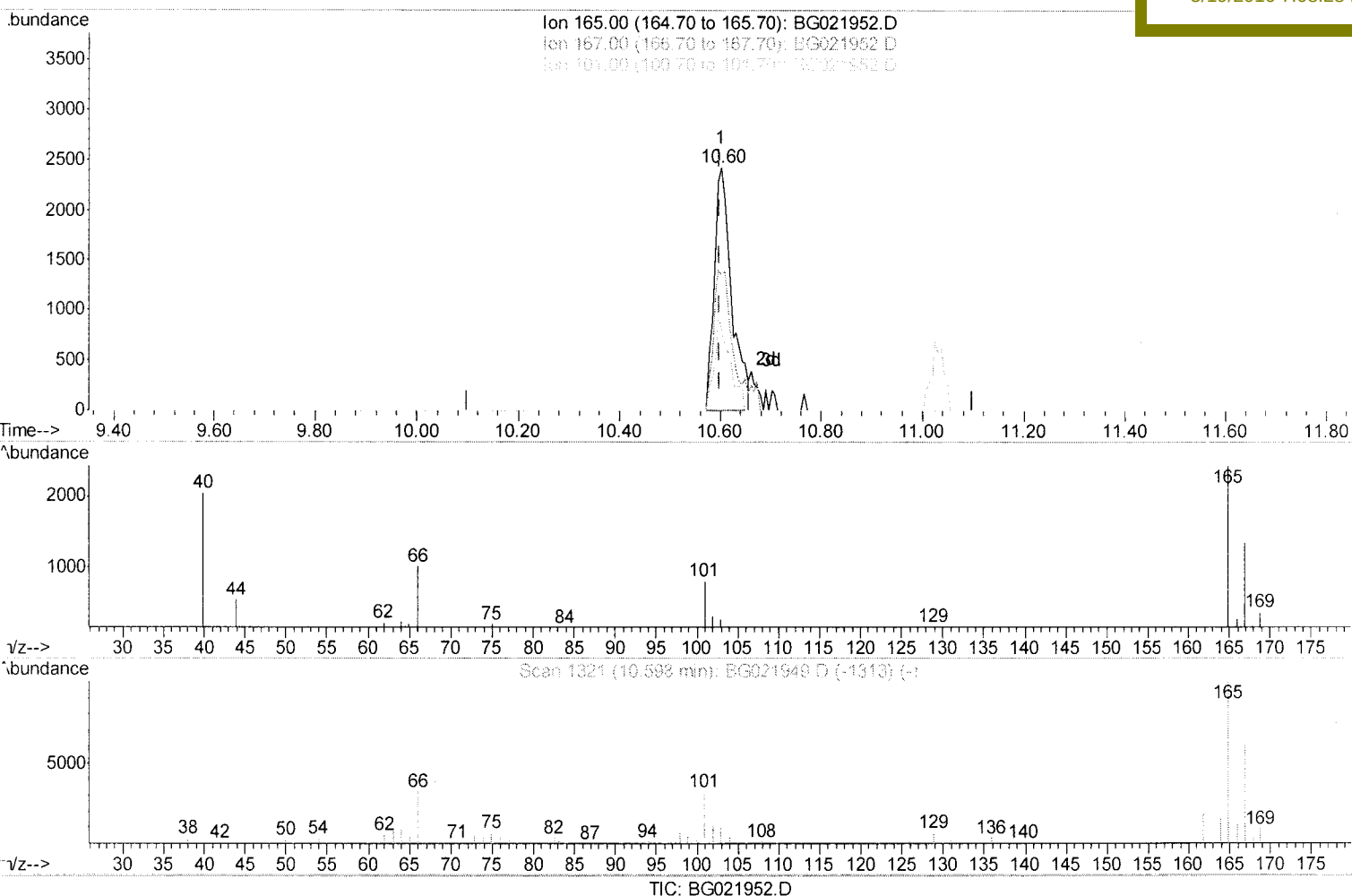
```

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Quant Time: May 19 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Manual Integrations APPROVED

sohil
5/19/2016 7:08:28 PM



(10) 2,4-Dichlorophenol-d3 (S)

10.602min (+0.004) 3.22ng/ul

response 5805

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	55.19
101.00	41.00	32.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

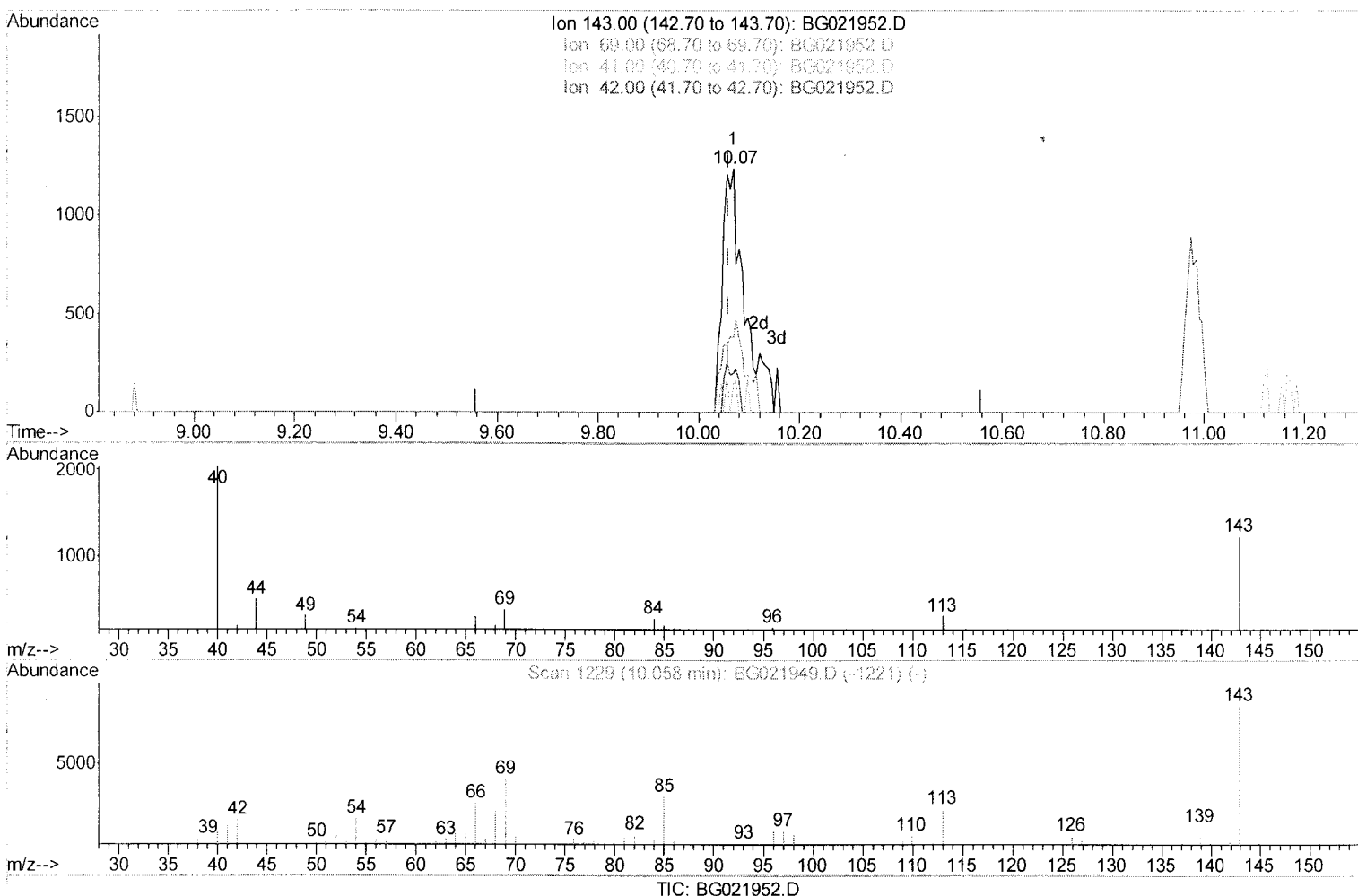
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(9) 2-Nitrophenol-d4 (S)

10.067min (+0.010) 3.67ng/ul m

response 3745

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	31.01#
41.00	34.20	12.15#
42.00	33.20	16.19#

U.M.
 05/20/16

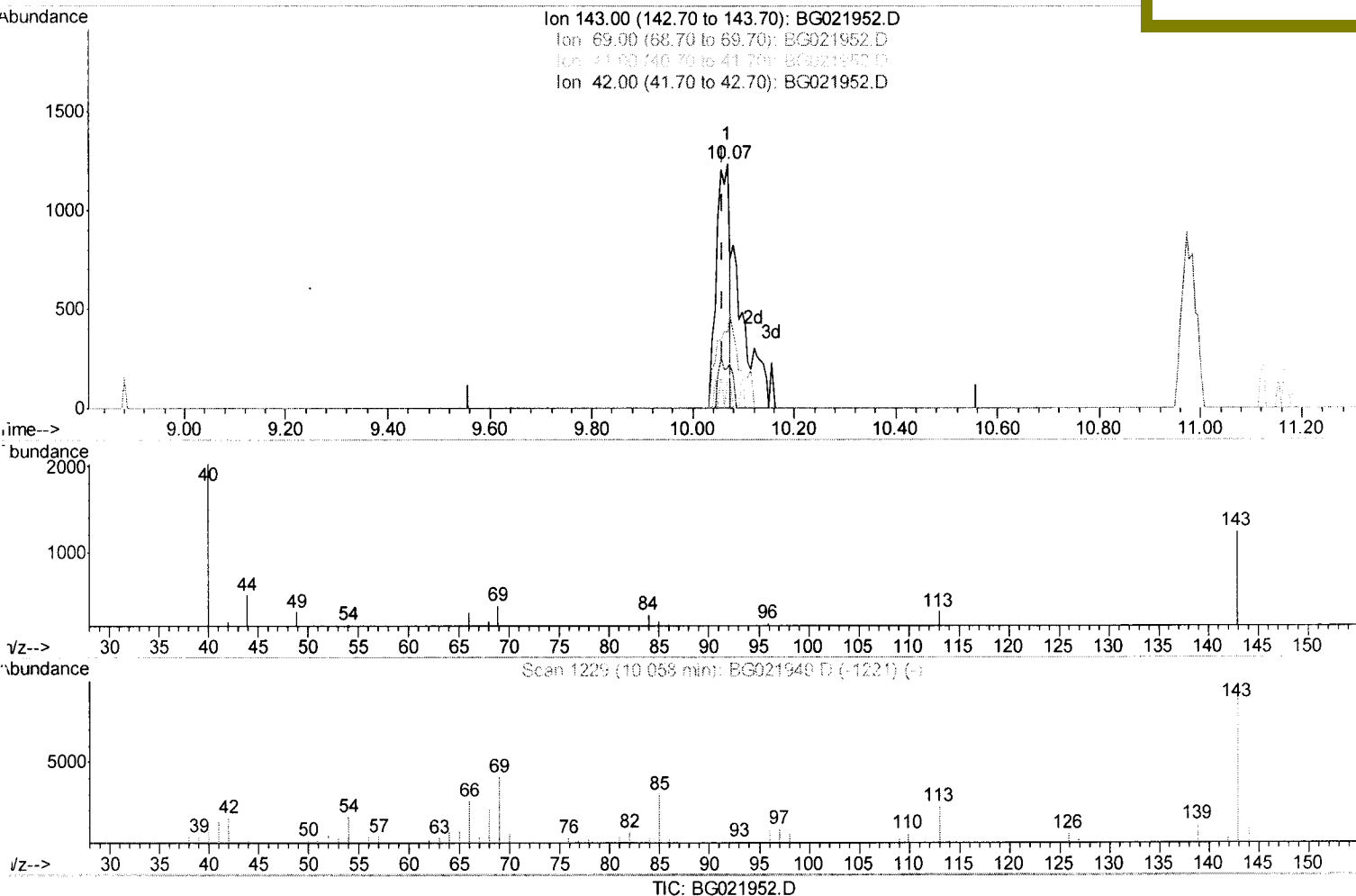
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021952.D
Acq On : 19 May 2016 3:58
Operator : UM/SJ
Sample : H3096-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Quant Time: May 19 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/19/2016 7:08:28 PM



(9) 2-Nitrophenol-d4 (S)

10.067min (+0.010) 2.12ng/ul

response 2160

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	31.01#
41.00	34.20	12.15#
42.00	33.20	16.19#

Quantitation Report (Qedit)

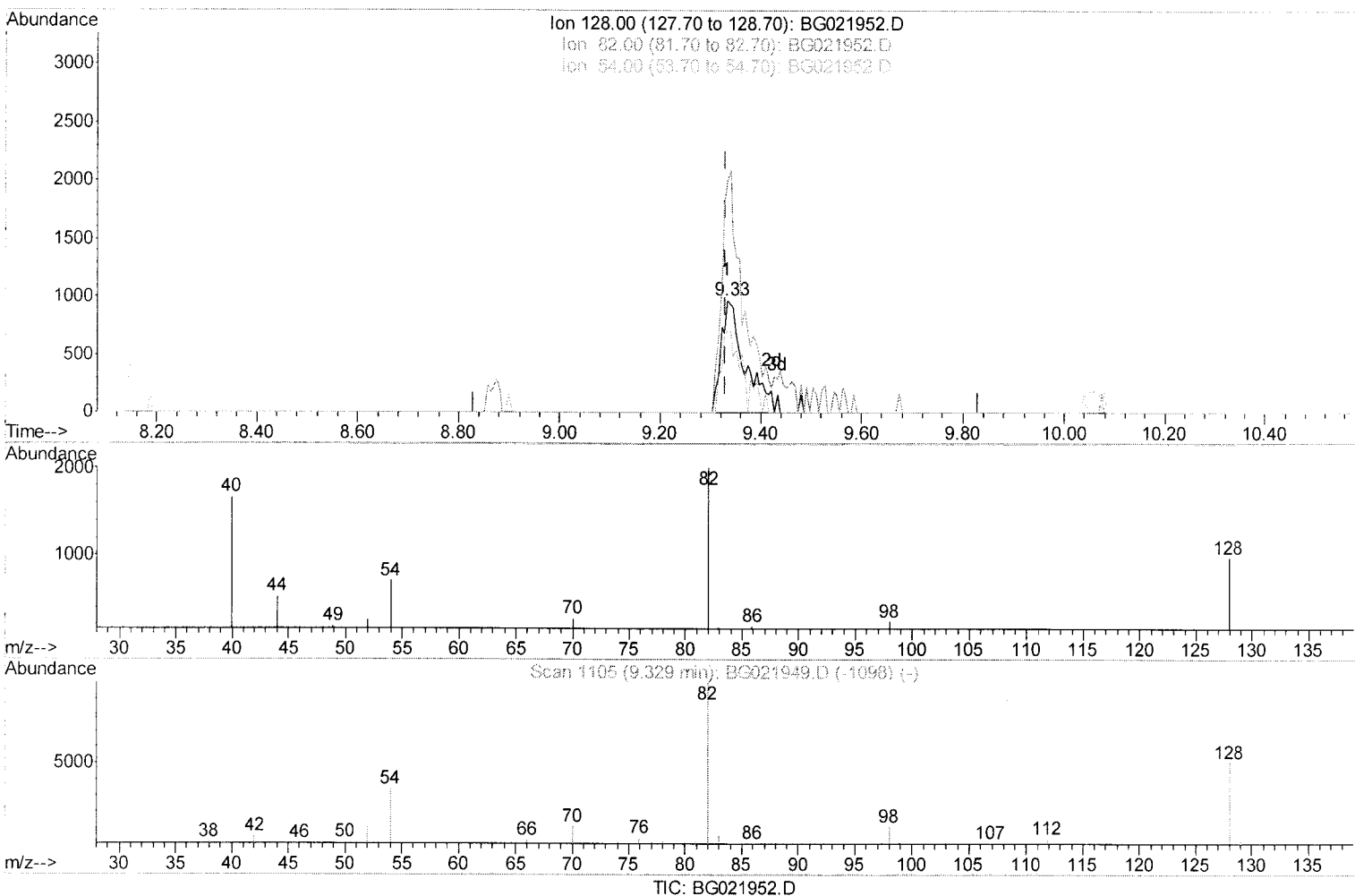
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(8) Nitrobenzene-d5 (S)

9.333min (+0.004) 3.32ng/ul m

response 3175

Ion	Exp%	Act%
128.00	100	100
82.00	309.10	205.01#
54.00	161.50	72.80#
0.00	0.00	0.00

U.M.
 05/20/16

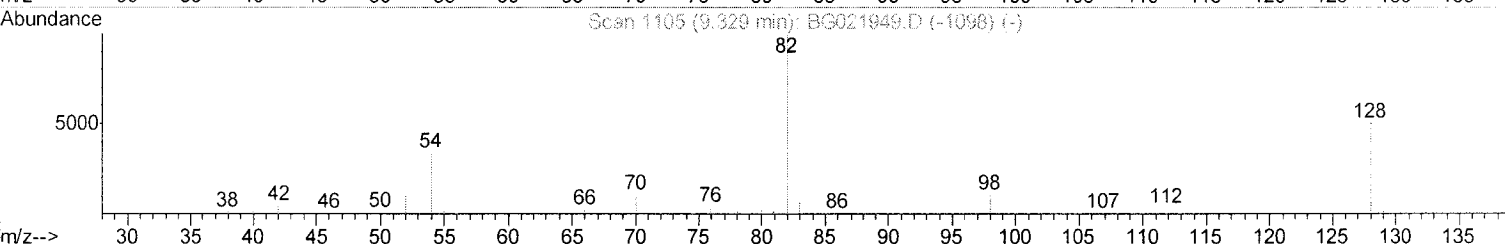
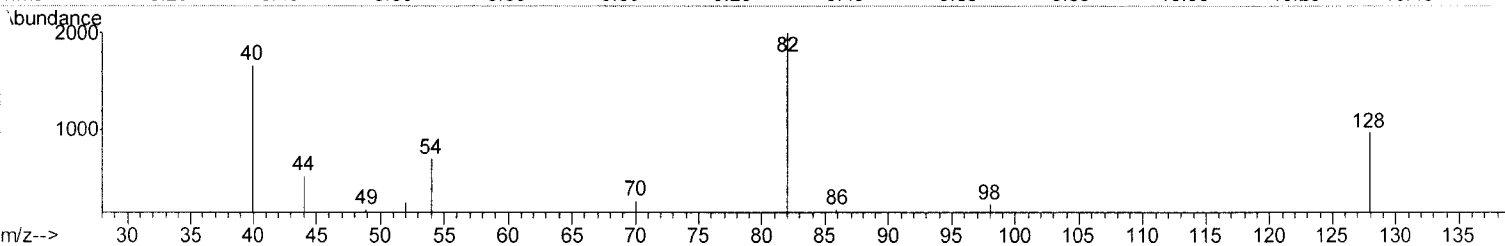
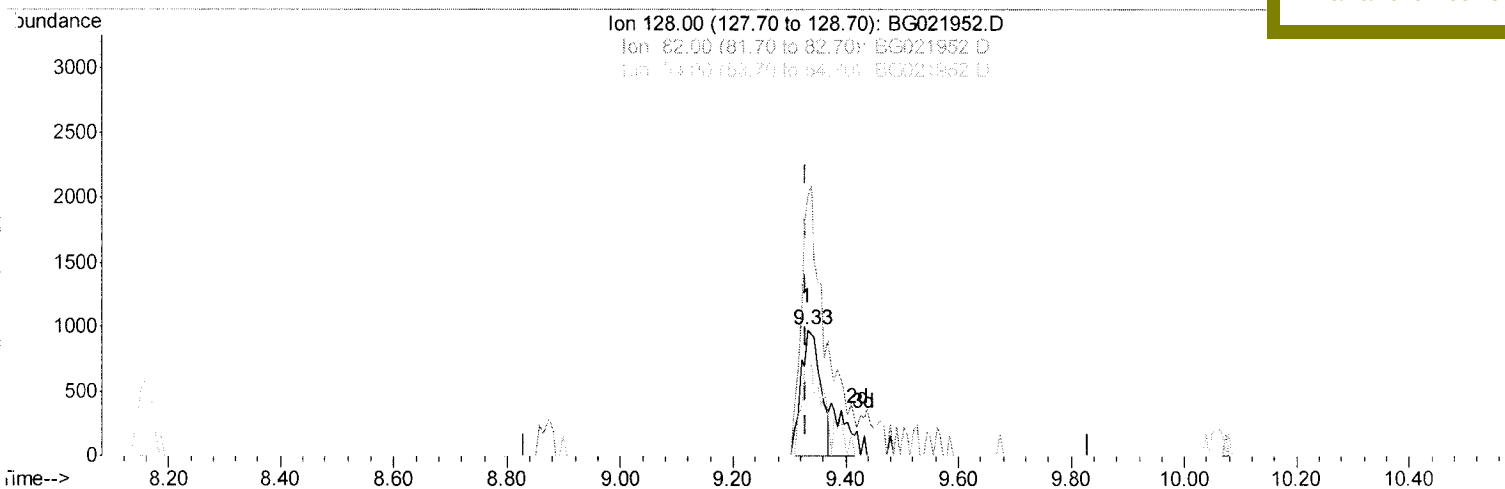
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021952.D
Acq On : 19 May 2016 3:58
Operator : UM/SJ
Sample : H3096-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Quant Time: May 19 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/19/2016 7:08:28 PM



TIC: BG021952.D

(8) Nitrobenzene-d5 (S)

9.333min (+0.004) 2.46ng/ul

response 2349

Ion	Exp%	Act%
128.00	100	100
82.00	309.10	205.01#
54.00	161.50	72.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

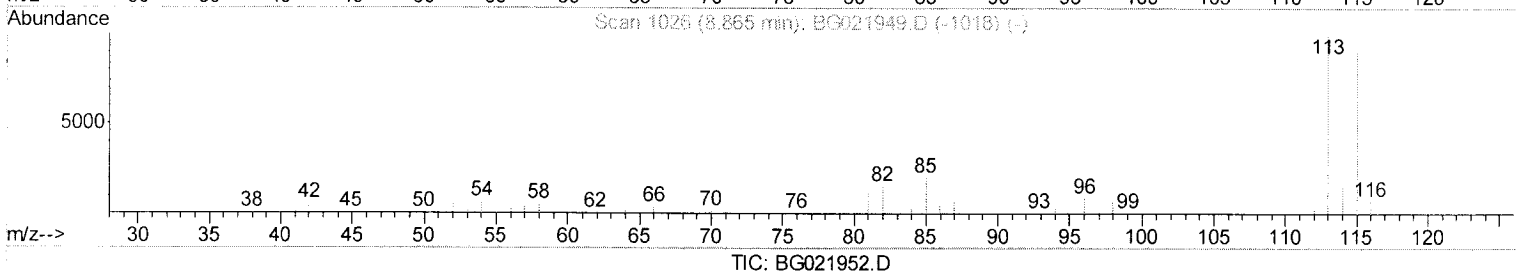
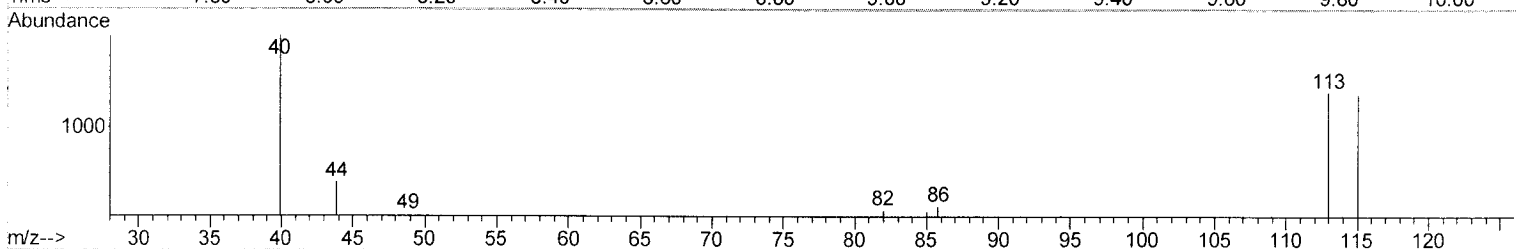
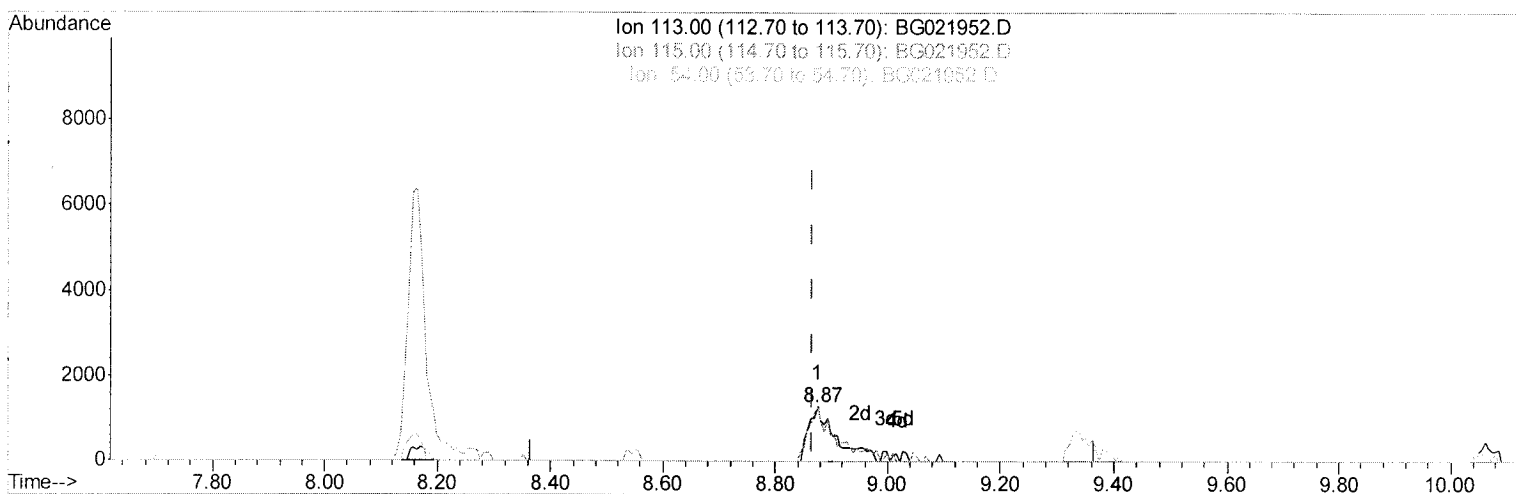
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(6) 4-Methylphenol-d8 (S)

8.875min (+0.010) 2.37ng/ul m

response 4421

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	98.69
54.00	18.70	0.00#
0.00	0.00	0.00

U.M.
 05/20/16

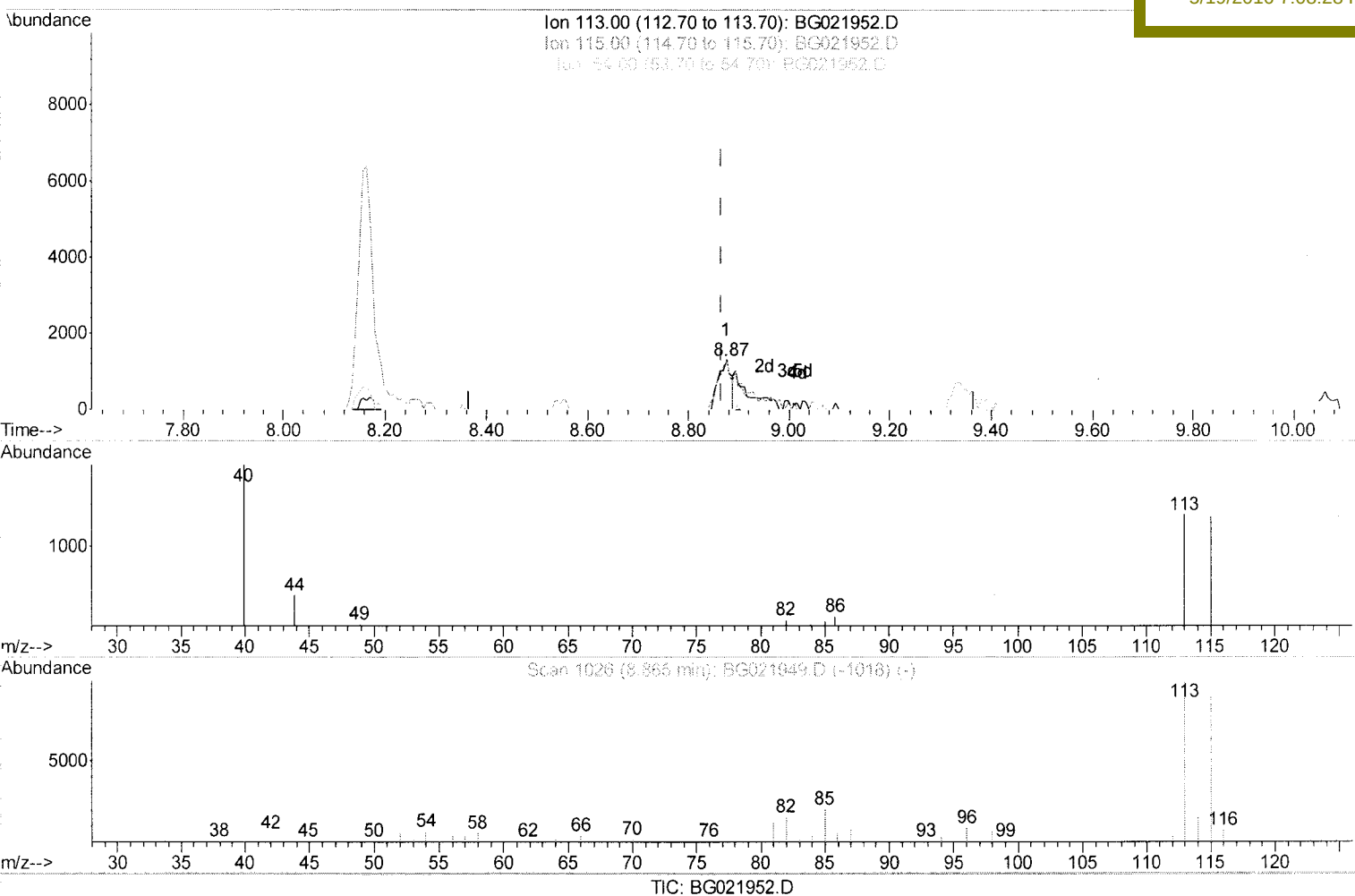
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021952.D
Acq On : 19 May 2016 3:58
Operator : UM/SJ
Sample : H3096-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Quant Time: May 19 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/19/2016 7:08:28 PM



(6) 4-Methylphenol-d8 (S)

8.875min (+0.010) 1.22ng/ul

response 2265

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	98.69
54.00	18.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

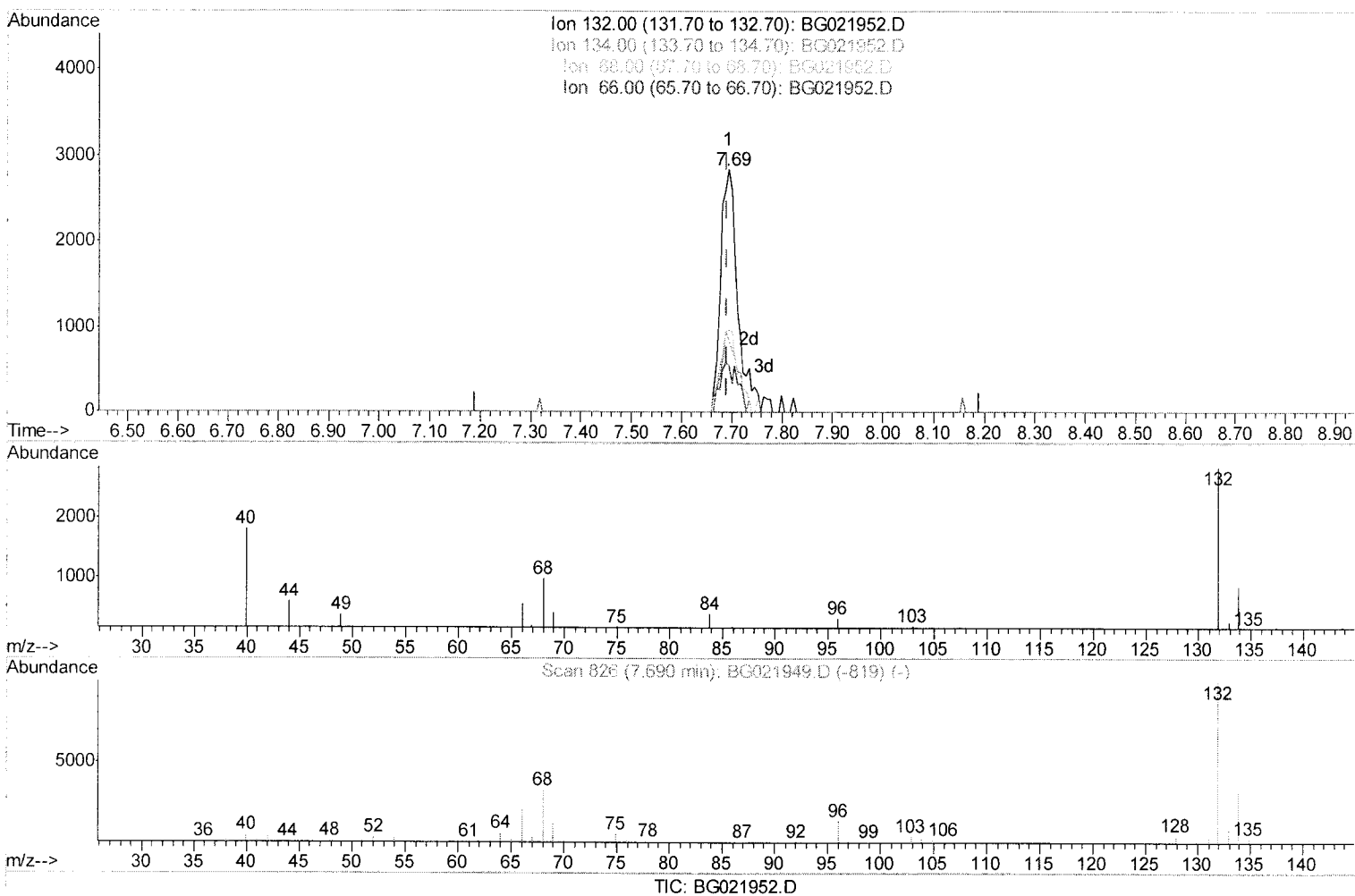
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(5) 2-Chlorophenol-d4 (S)

7.694min (+0.004) 3.85ng/ul m

response 6613

Ion	Exp%	Act%
132.00	100	100
134.00	36.20	29.89
68.00	58.40	34.30#
66.00	44.50	19.51#

U.M.
 05/20/16

Quantitation Report (Qedit)

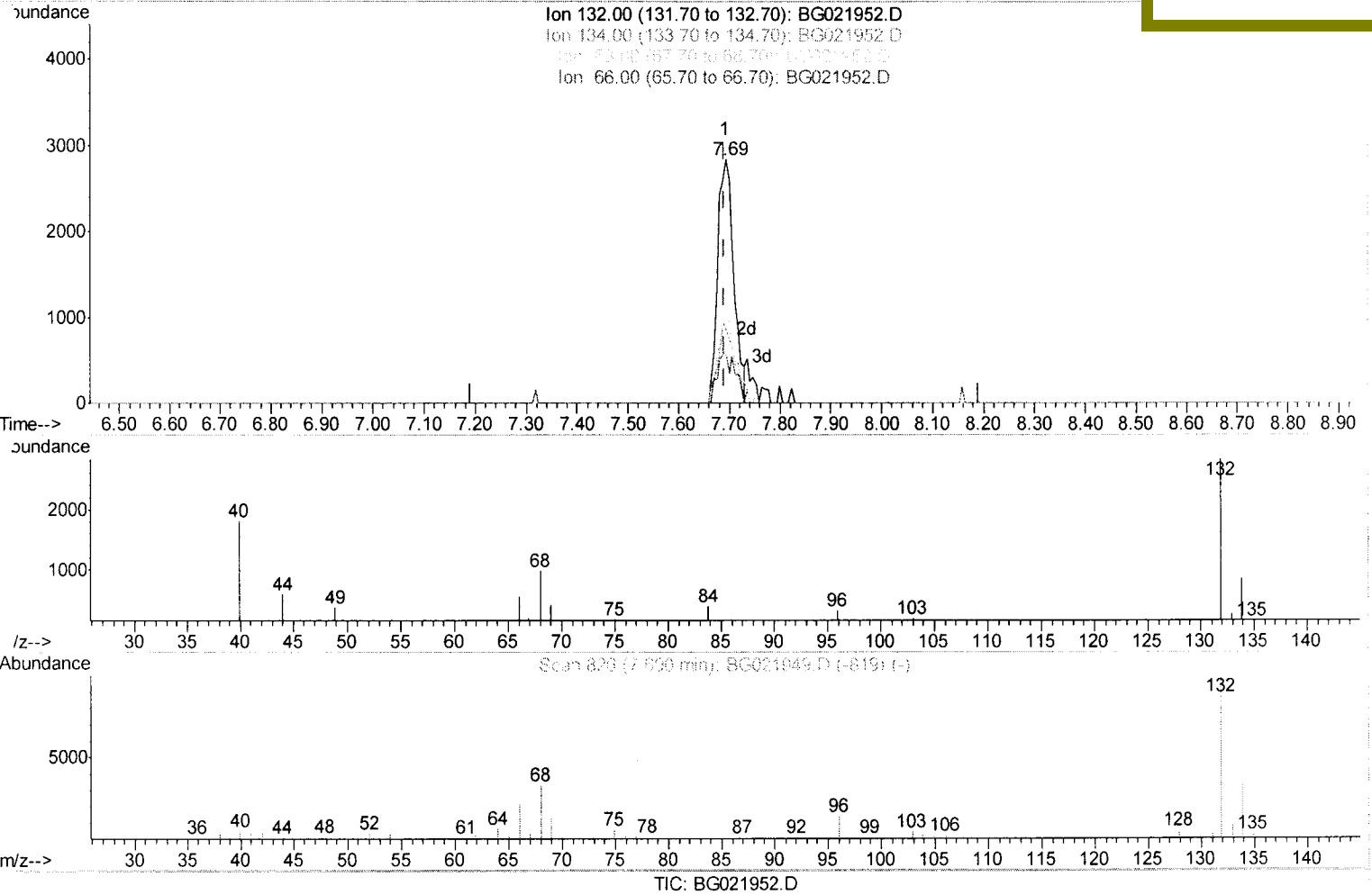
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(5) 2-Chlorophenol-d4 (S)

7.694min (+0.004) 3.59ng/ul

response 6164

Ion	Exp%	Act%
132.00	100	100
134.00	36.20	29.89
68.00	58.40	34.30#
66.00	44.50	19.51#

Quantitation Report (Qedit)

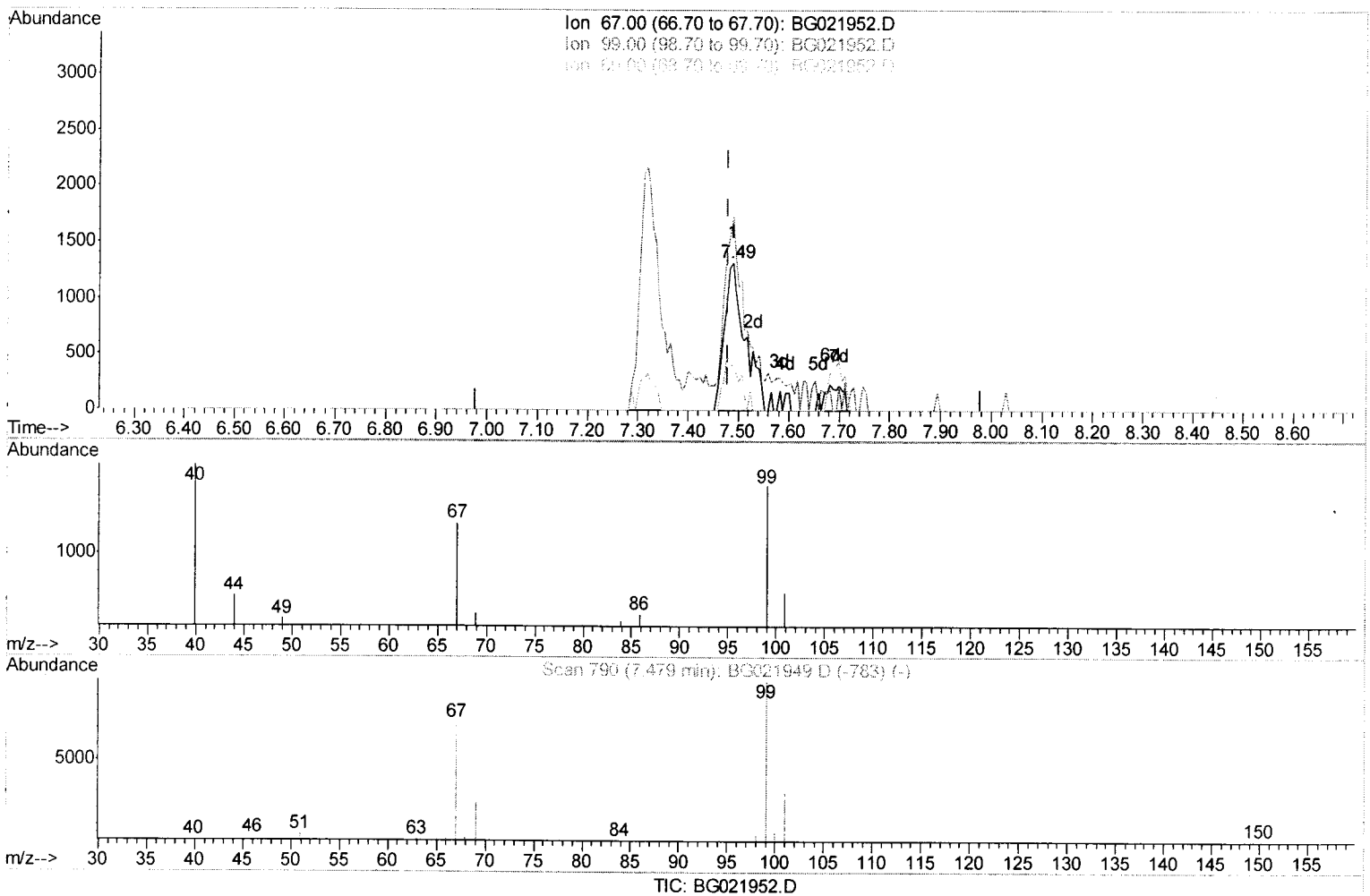
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(4) Bis-(2-Chloroethyl)ether-d8 (S)

7.488min (+0.010) 3.37ng/ul m

response 3760

Ion	Exp%	Act%
67.00	100	100
99.00	104.60	131.05#
69.00	33.20	28.03
0.00	0.00	0.00

> U.M.
 05/20/16

Quantitation Report (Qedit)

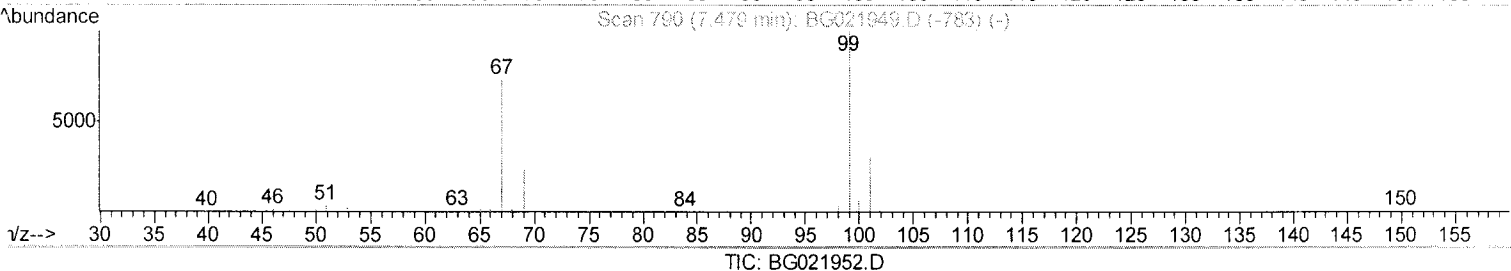
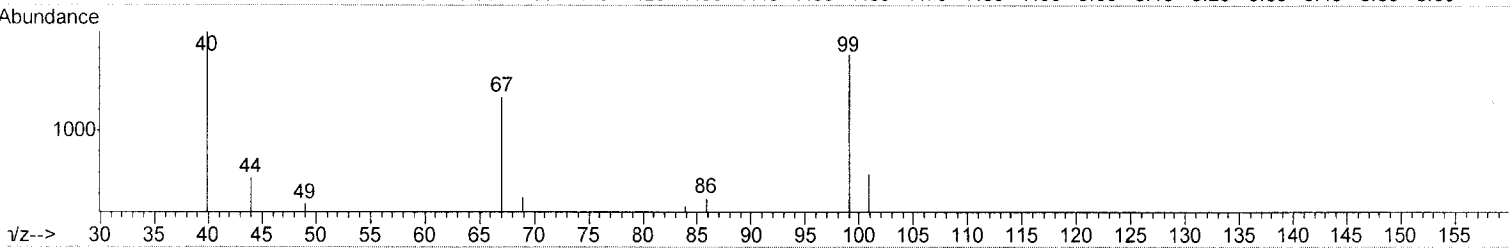
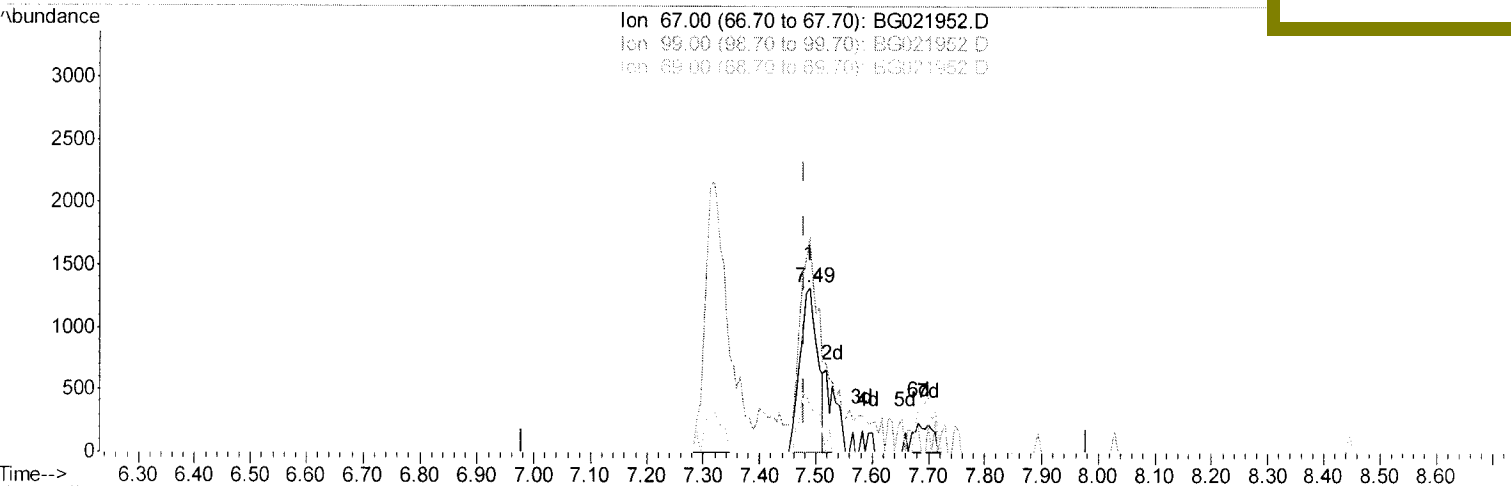
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Quant Time: May 19 04:33:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM



TIC: BG021952.D

(4) Bis-(2-Chloroethyl)ether-d8 (S)

7.488min (+0.010) 2.58ng/ul

response 2877

Ion	Exp%	Act%
67.00	100	100
99.00	104.60	131.05#
69.00	33.20	28.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021952.D
 Acq On : 19 May 2016 3:58
 Operator : UM/SJ
 Sample : H3096-04DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF9DL

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:08:28 PM

Quant Time: May 19 04:40:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	23697	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	136139	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	86093	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	179845	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	167116	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	157782	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.53	96	145	0.28	ng/uL	0.00
3) Phenol-d5	7.32	99	6157	2.94	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.49	67	3760m	3.37	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	6613m	3.85	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	4421m	2.37	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	3175m	3.32	ng/ul	0.00
9) 2-Nitrophenol-d4	10.07	143	3745m	3.67	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	6171m	3.43	ng/ul	0.00
12) 4-Chloroaniline-d4	11.13	131	4667m	3.29	ng/ul	0.02
16) Dimethylphthalate-d6	14.18	166	28796	4.34	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	37468	4.38	ng/ul	0.00
20) 4-Nitrophenol-d4	15.09	143	187	0.16	ng/ul	0.10
21) Fluorene-d10	15.77	176	25300	4.23	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	1554	1.74	ng/ul	0.00
26) Anthracene-d10	17.62	188	40084m	4.84	ng/ul	0.00
30) Pyrene-d10	19.90	212	38974	4.42	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	31830	4.54	ng/ul	0.00

U.M.
 05/20/16

U.M.
 05/20/16

Target Compounds					Ovalue
11) Naphthalene	11.03	128	53504	8.08 ng/ul	98
13) 2-Methylnaphthalene	12.63	142	7534	1.57 ng/ul	100
19) Acenaphthene	14.84	153	41901	6.85 ng/ul	97
22) Fluorene	15.83	166	26168	3.87 ng/ul	98
25) Phenanthrene	17.57	178	357782	37.22 ng/ul	97
27) Anthracene	17.66	178	69157	7.16 ng/ul	98
28) Fluoranthene	19.57	202	494091	49.46 ng/ul#	93
31) Pyrene	19.93	202	409599m	35.59 ng/ul	
32) Benzo(a)anthracene	21.79	228	217704	23.48 ng/ul	97
33) Chrysene	21.85	228	191306	21.21 ng/ul	96
35) Benzo(b)fluoranthene	24.08	252	269637	29.73 ng/ul#	93
36) Benzo(k)fluoranthene	24.13	252	108490m	12.16 ng/ul	
38) Benzo(a)pyrene	24.97	252	194670	22.44 ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.94	276	132256	13.41 ng/ul#	94
40) Dibenzo(a,h)anthracene	28.97	278	30218m	3.70 ng/ul	
41) Benzo(a,h,i)perylene	30.13	276	130217	15.61 ng/ul#	91

U.M.
 05/20/16

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