

Quantitation Report (QT Reviewed)

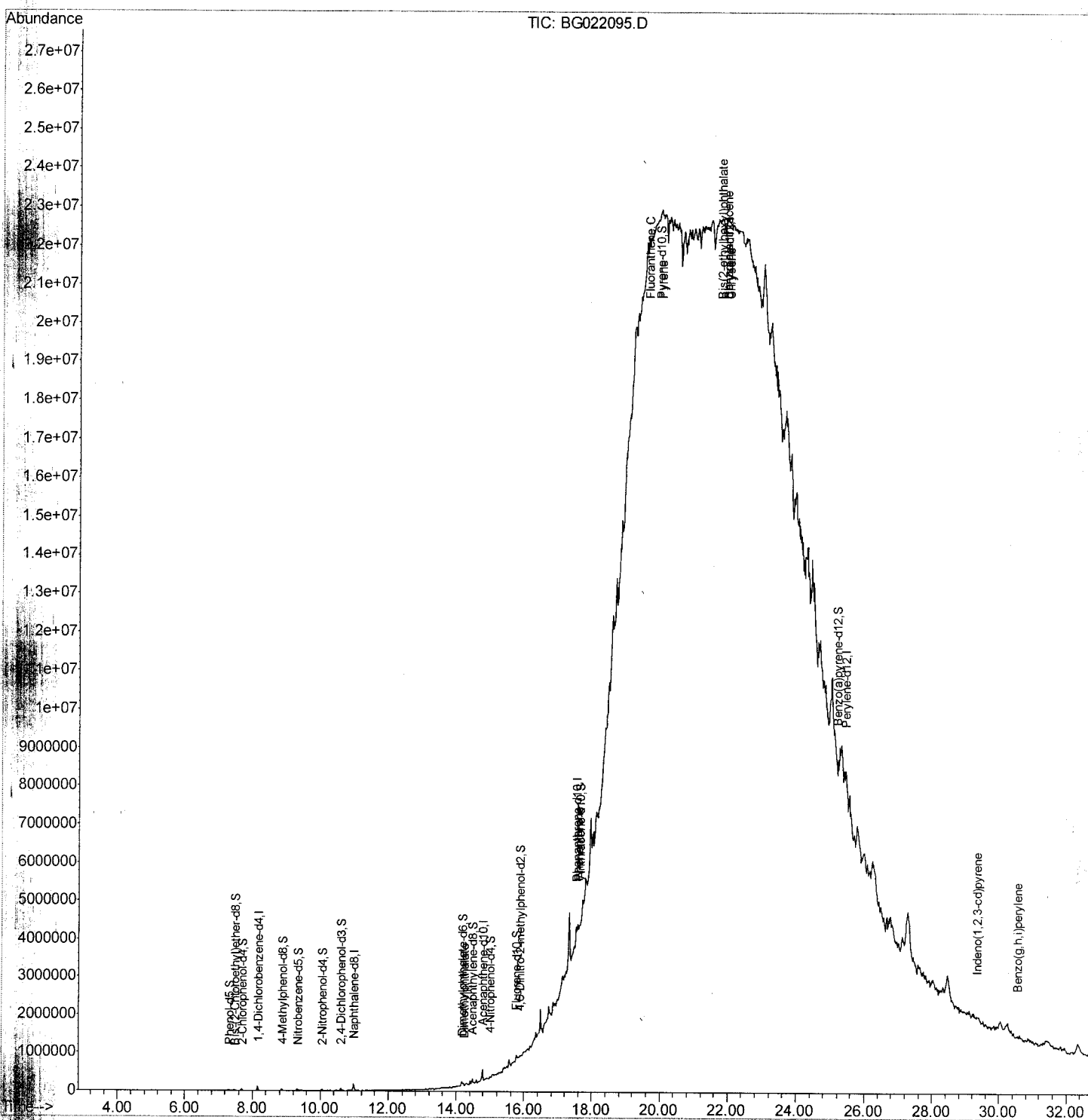
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 12:01:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

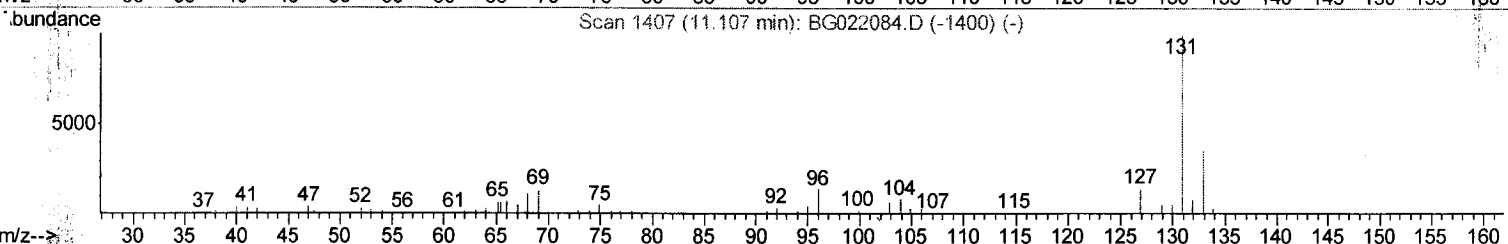
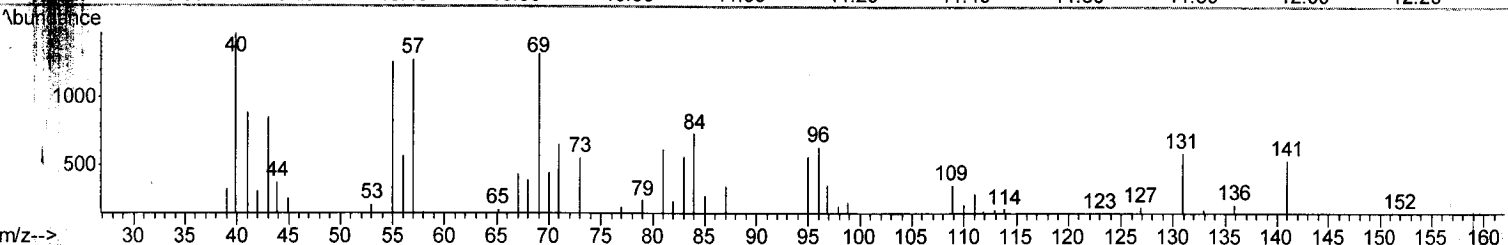
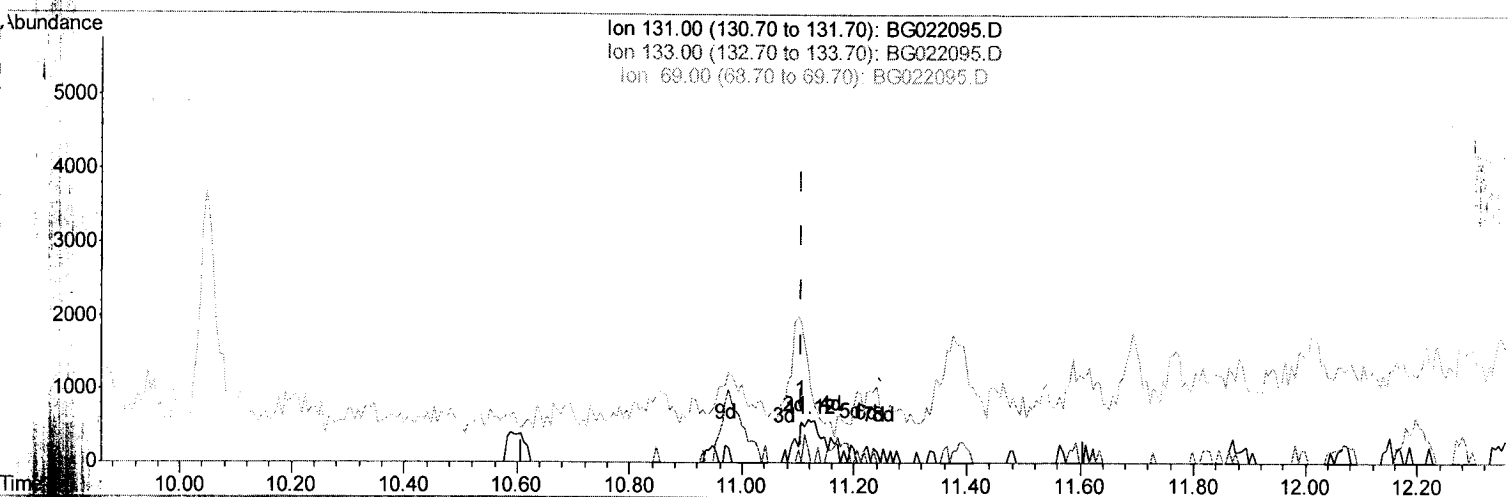
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:50:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



TIC: BG022095.D

(29) 4-Chloroaniline-d4 (S)

11.117min (+0.010) 0.65ng/ul m

response 2018

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	29.75
69.00	15.40	222.02#
0.00	0.00	0.00

U.M.
 05/31/16

Quantitation Report (Qedit)

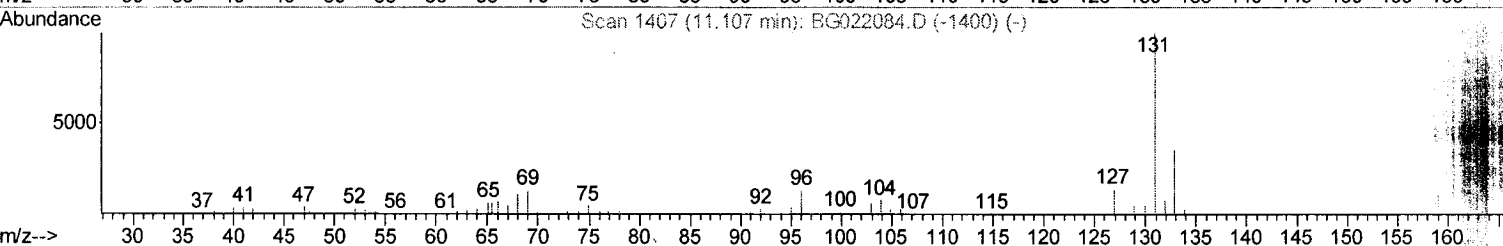
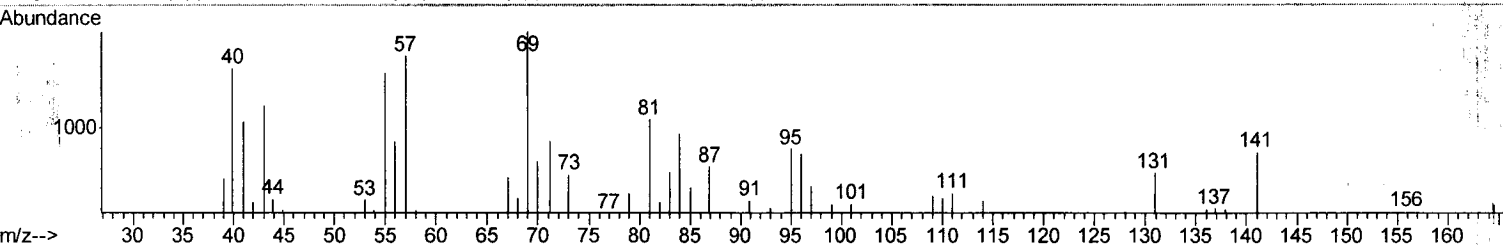
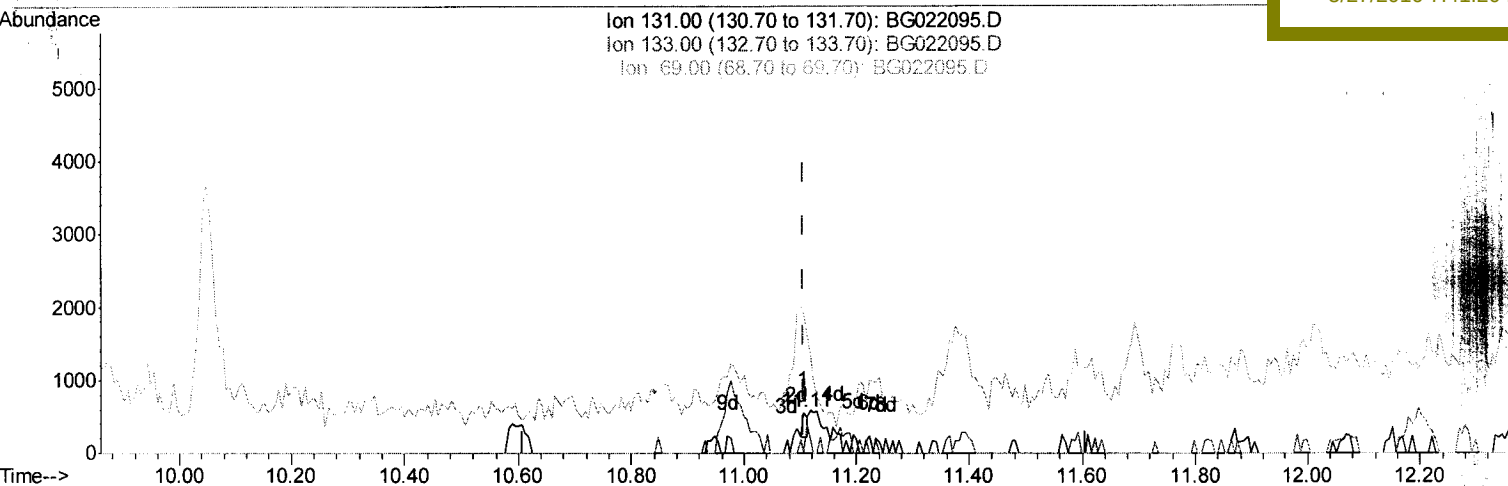
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:50:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



TIC: BG022095.D

(29) 4-Chloroaniline-d4 (S)

11.105min (-0.002) 0.07ng/ul

response 213

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	0.00#
69.00	15.40	347.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

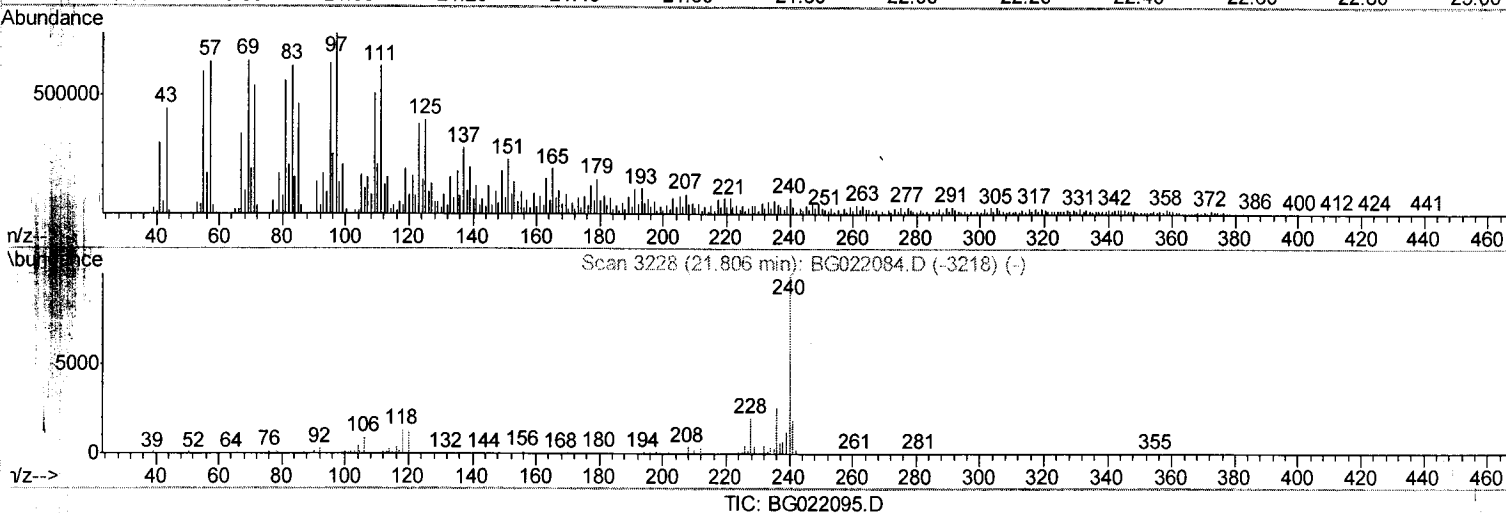
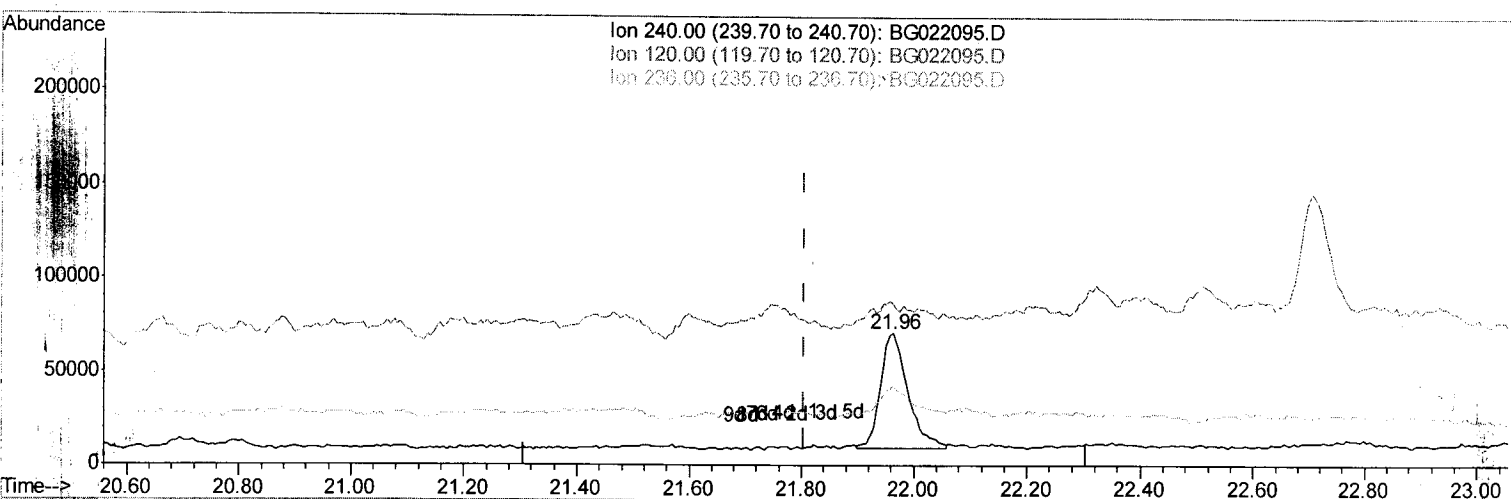
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:50:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.963min (+0.157) 20.00ng/ul m

response 207716

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	121.26#
236.00	26.10	60.65#
0.00	0.00	0.00

U.S.M.
 05/31/16

Quantitation Report (Qedit)

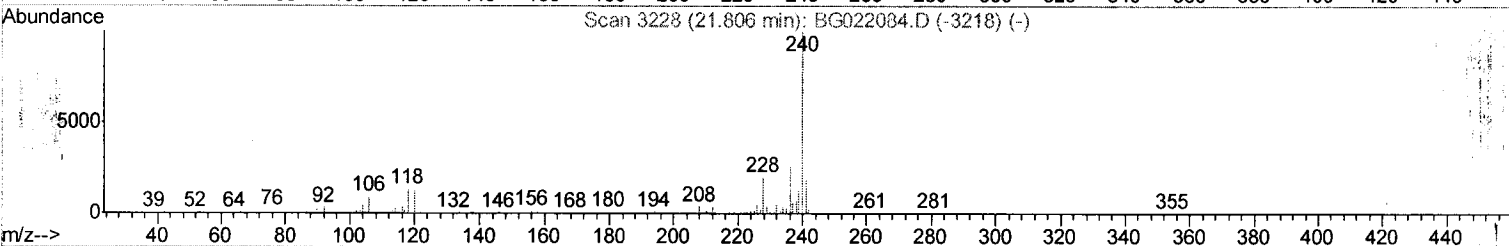
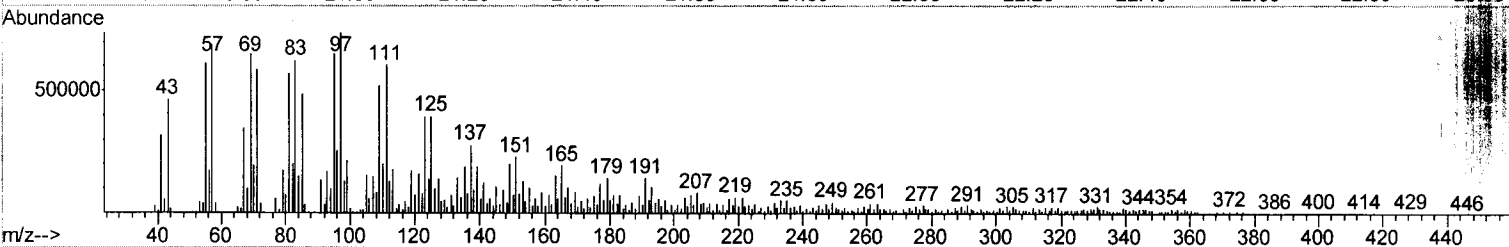
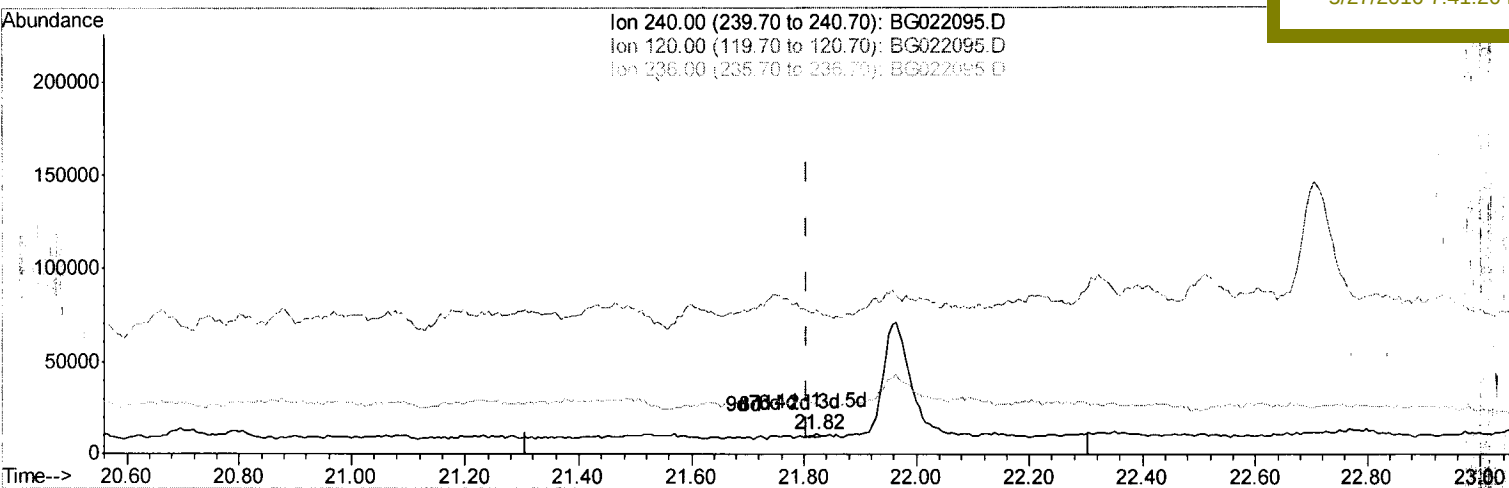
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:50:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



TIC: BG022095.D

(75) Chrysene-d12 (I)

21.822min (+0.016) 20.00ng/ul

response 888

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	706.24#
236.00	26.10	252.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

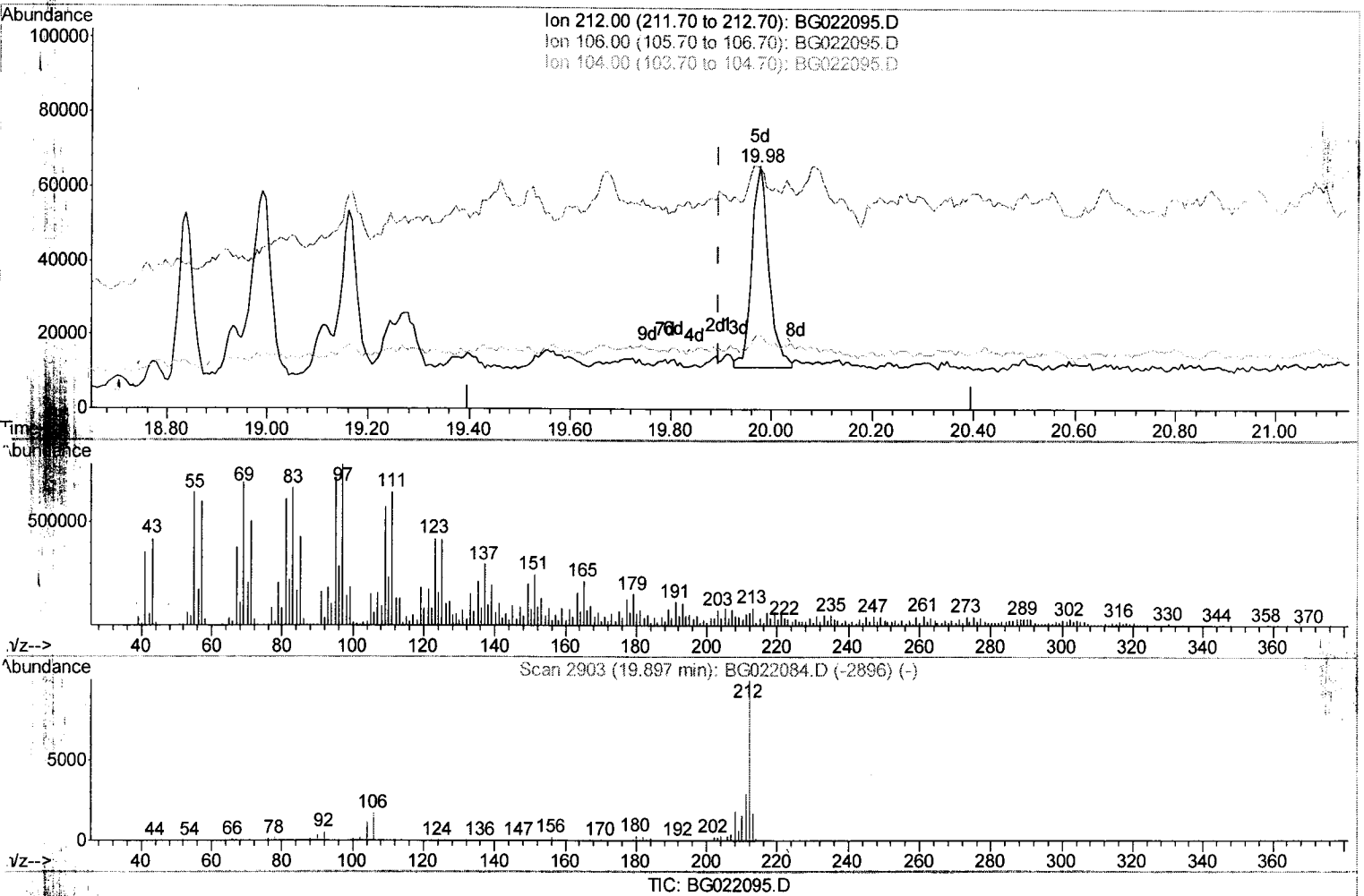
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



(76) Pyrene-d10 (S)

19.977min (+0.081) 10.90ng/ul m

response 127729

Ion Exp% Act%

212.00 100 100

106.00 18.40 99.66#

104.00 11.70 30.29#

0.00 0.00 0.00

> 0.00
 05/31/16

Quantitation Report (Qedit)

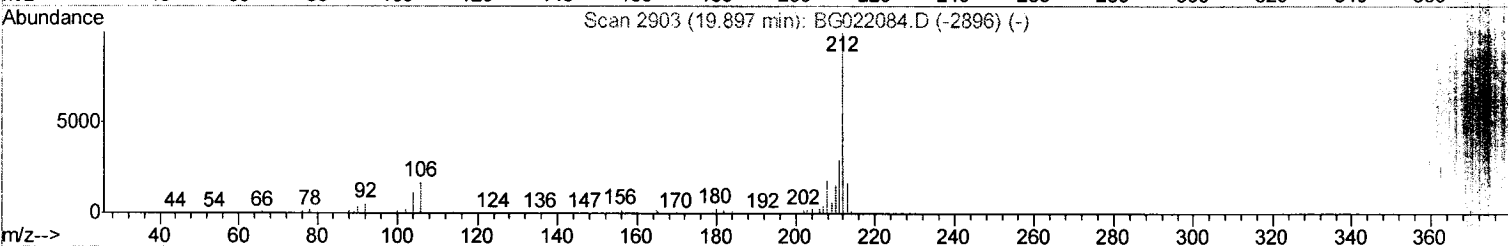
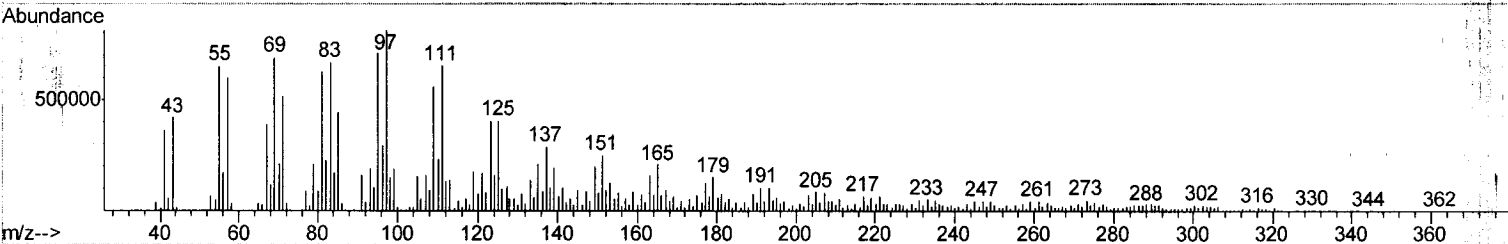
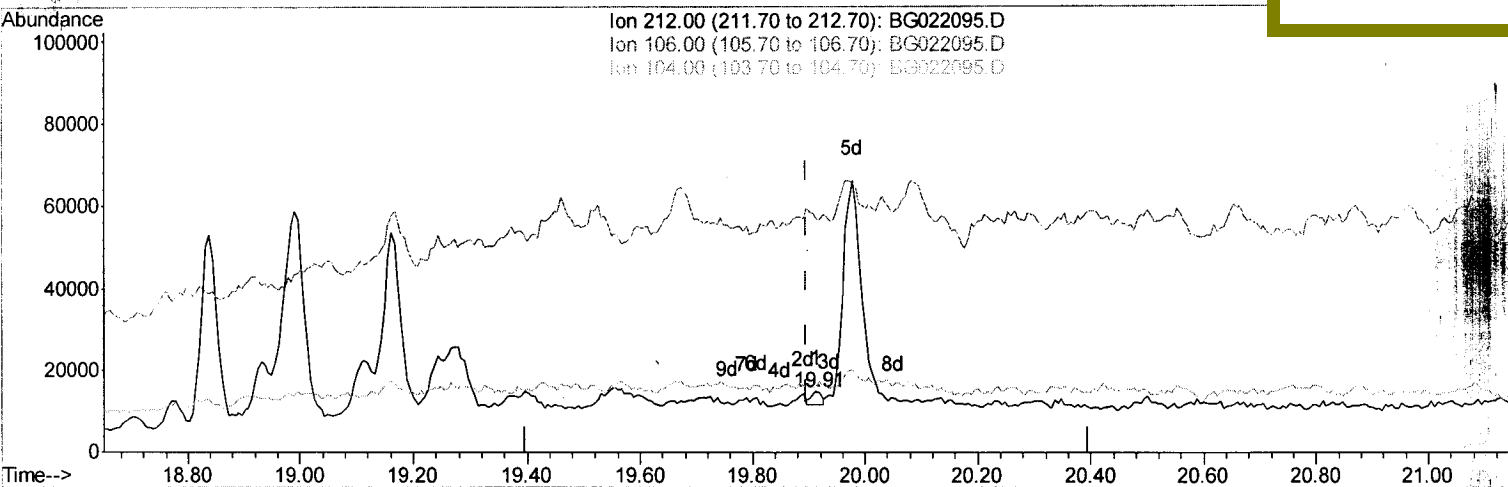
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



TIC: BG022095.D

(76) Pyrene-d10 (S)

19.913min (+0.016) 0.39ng/ul

response 4526

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	381.48#
104.00	11.70	108.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

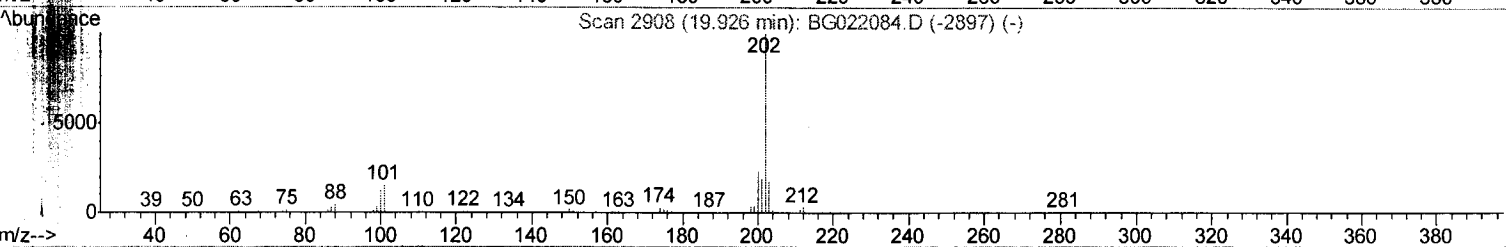
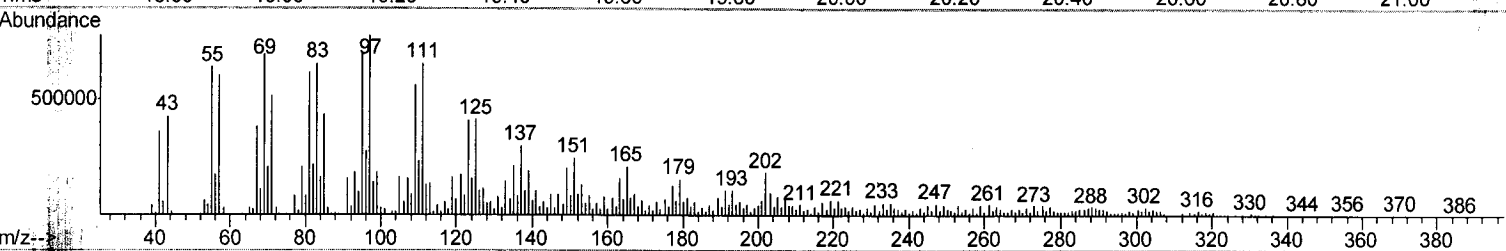
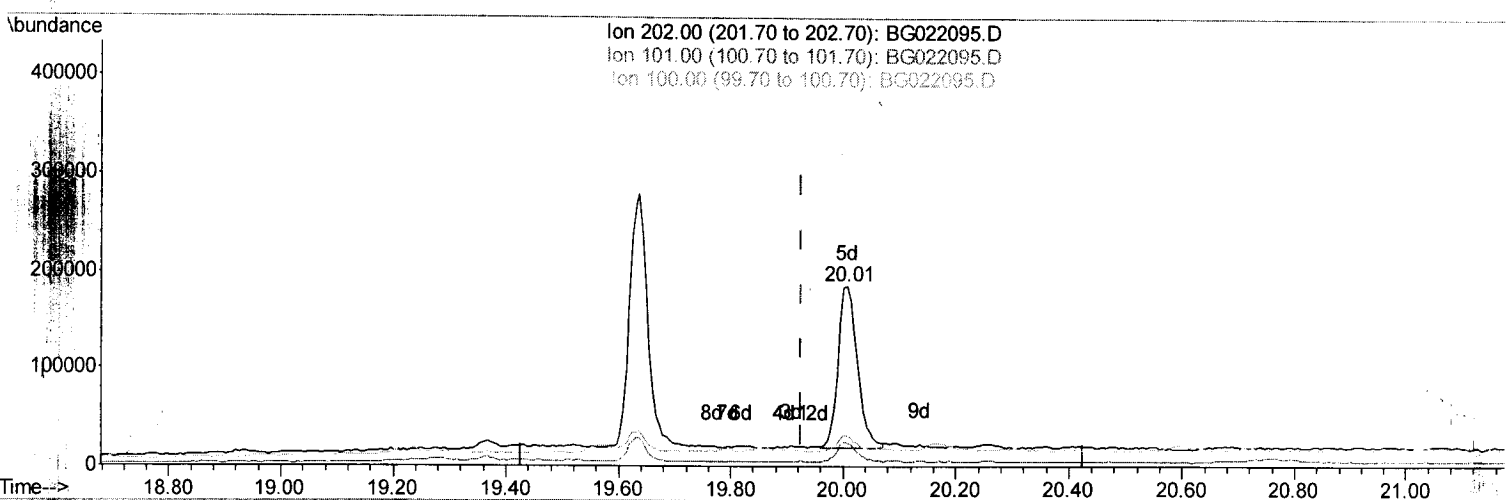
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 Qlist Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



TIC: BG022095.D

(77) Pyrene

20.007min (+0.081) 27.11ng/ul m

response 396163

Ion Exp% Act%

202.00 100 100

101.00 15.60 13.09

100.00 12.80 17.04#

0.00 0.00 0.00

u.m.
 05/31/16

Quantitation Report (Qedit)

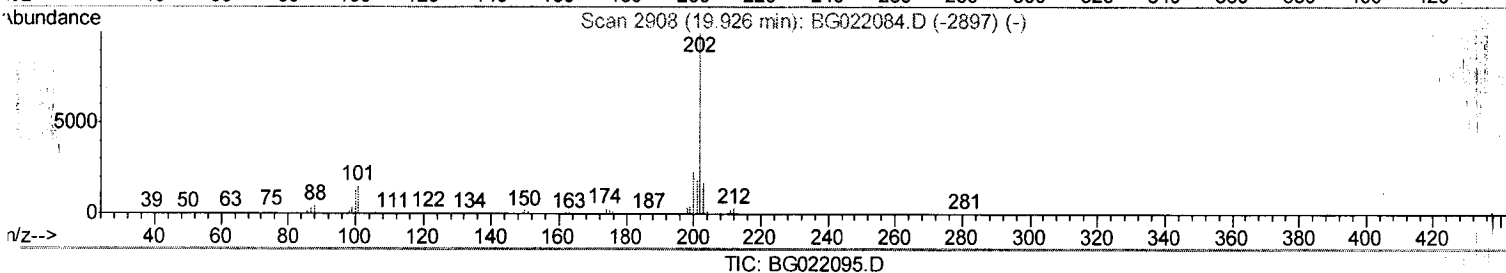
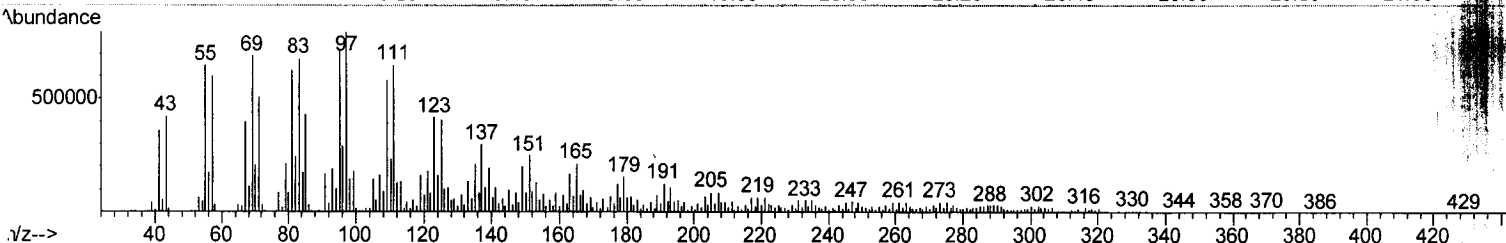
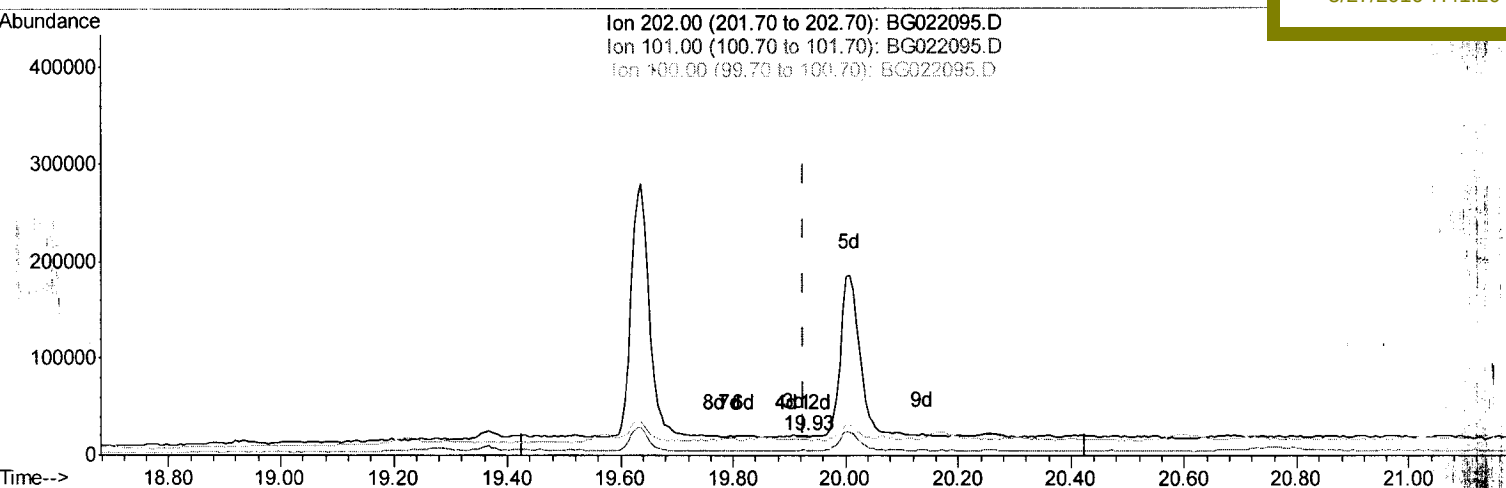
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



(77) Pyrene

19.930min (+0.004) 0.04ng/ul

response 637

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	27.36#
100.00	12.80	77.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

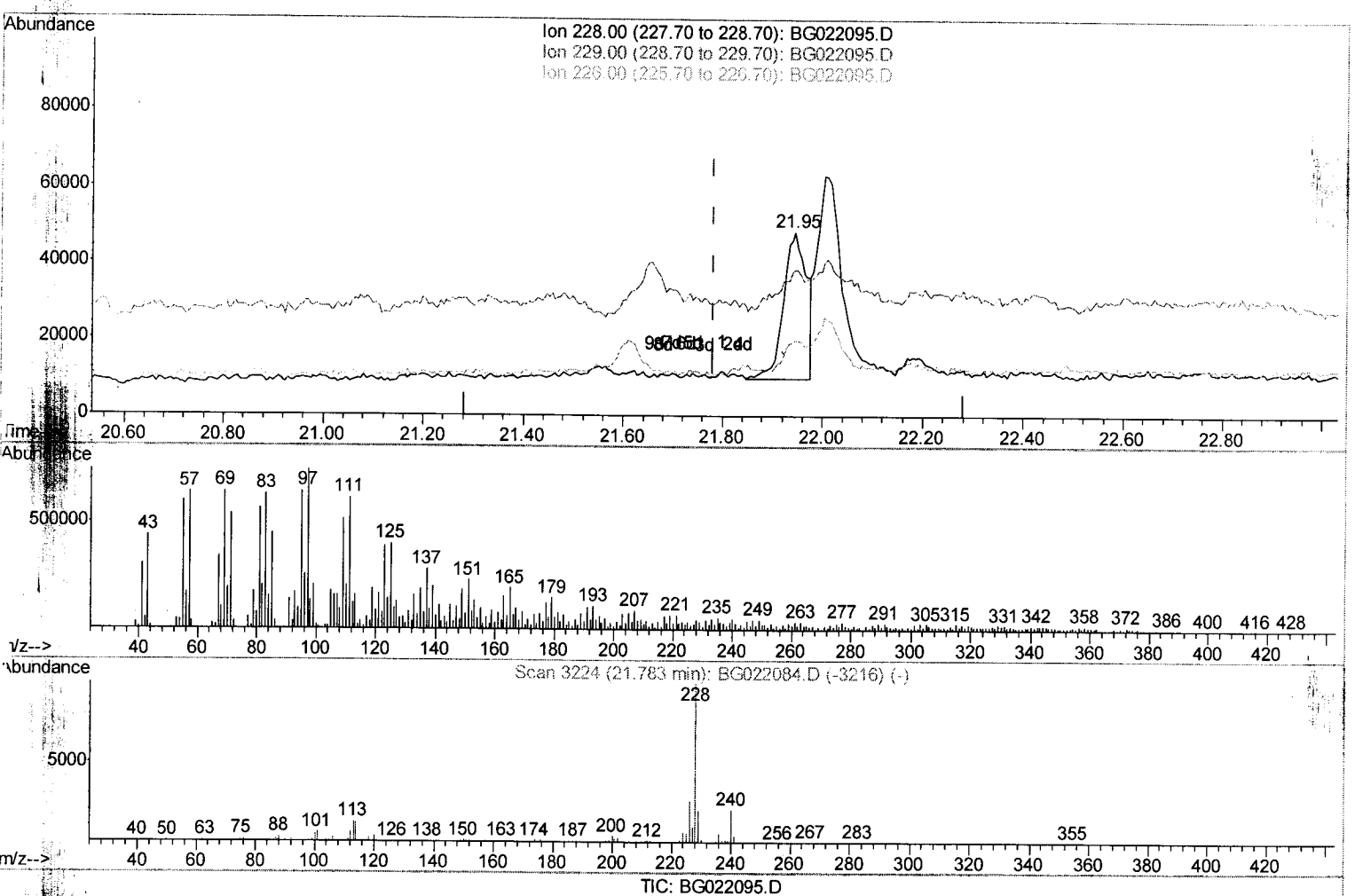
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



(80) Benzo(a)anthracene

21.946min (+0.163) 10.15ng/ul m > 0.15
 response 123598 05/31/16

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	78.84#
226.00	28.50	40.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

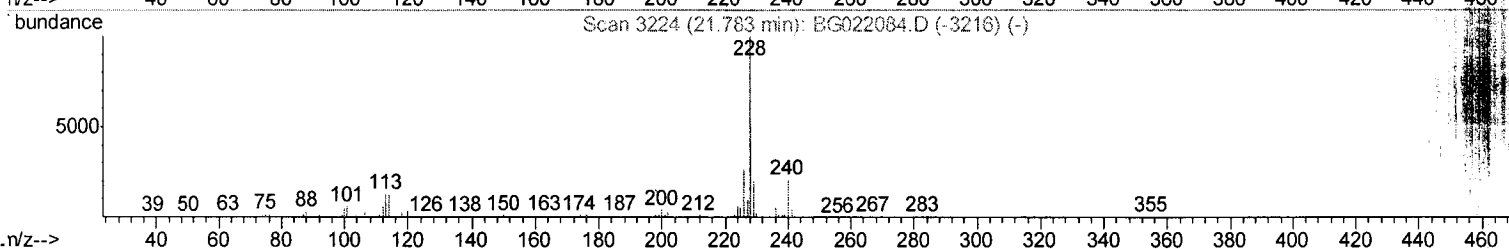
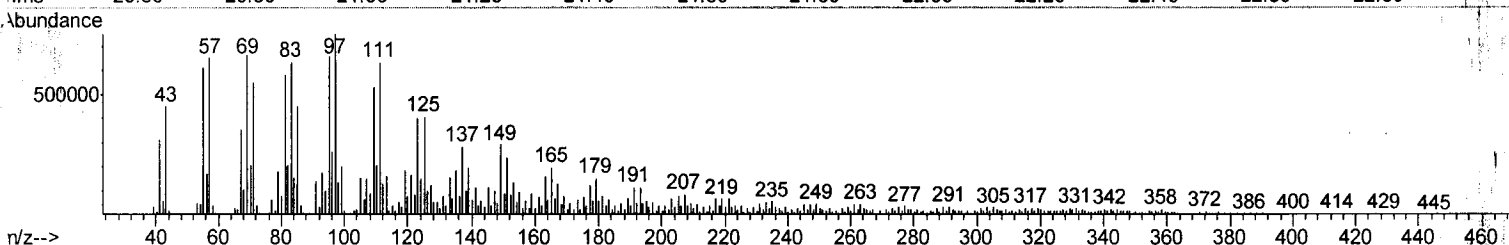
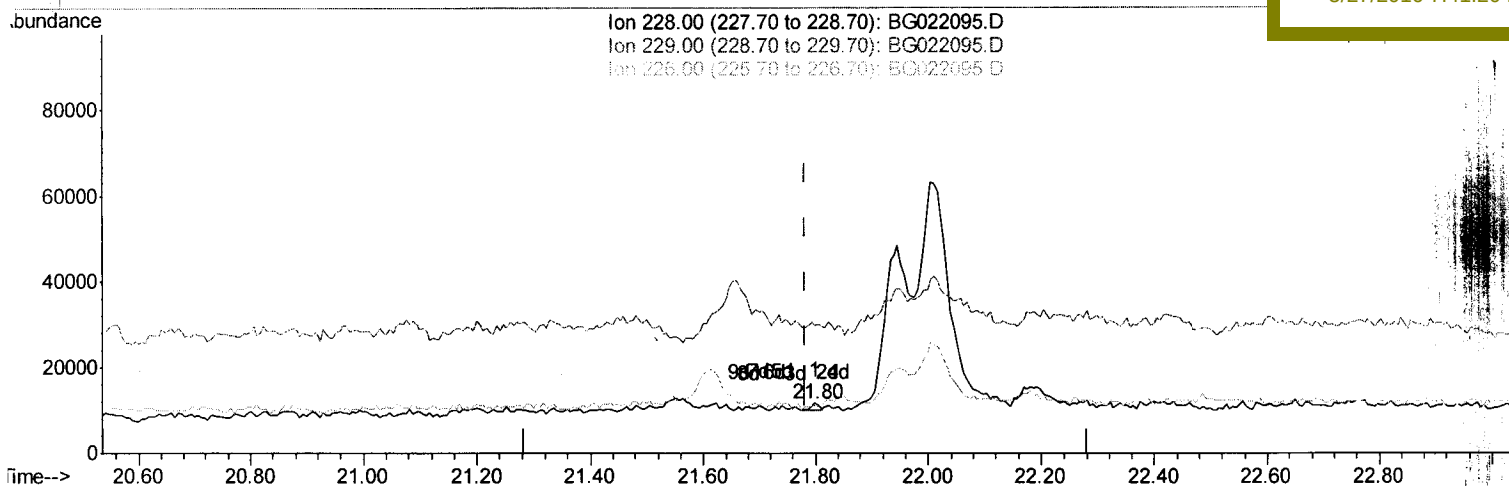
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



TIC: BG022095.D

(80) Benzo(a)anthracene

21.799min (+0.016) 0.14ng/ul

response 1688

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	253.58#
226.00	28.50	96.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

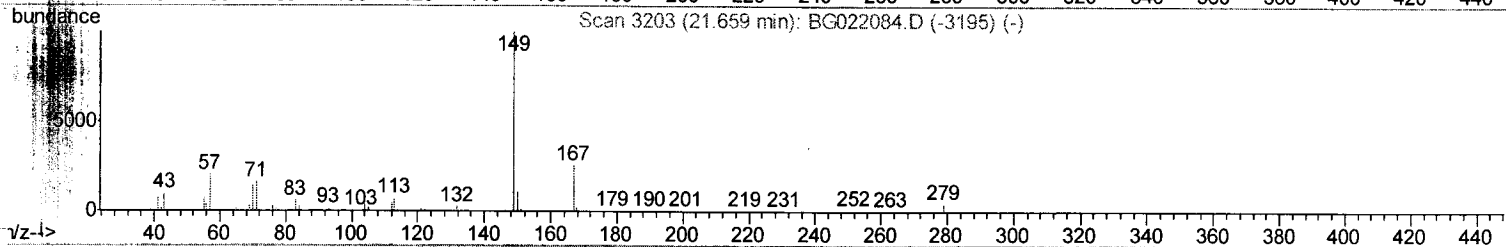
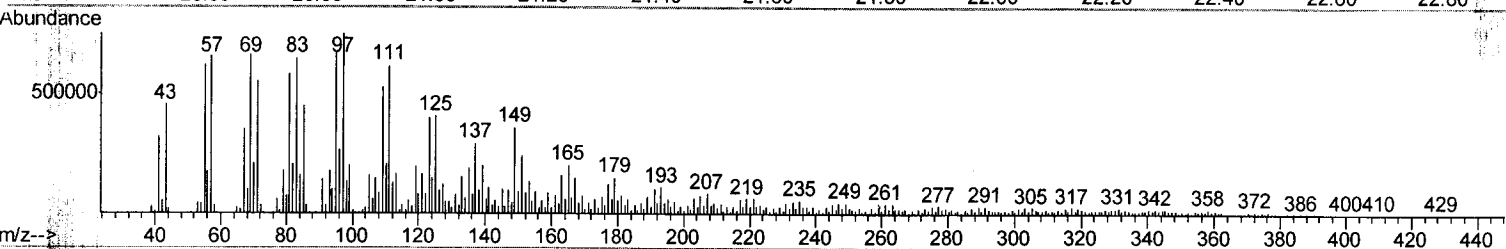
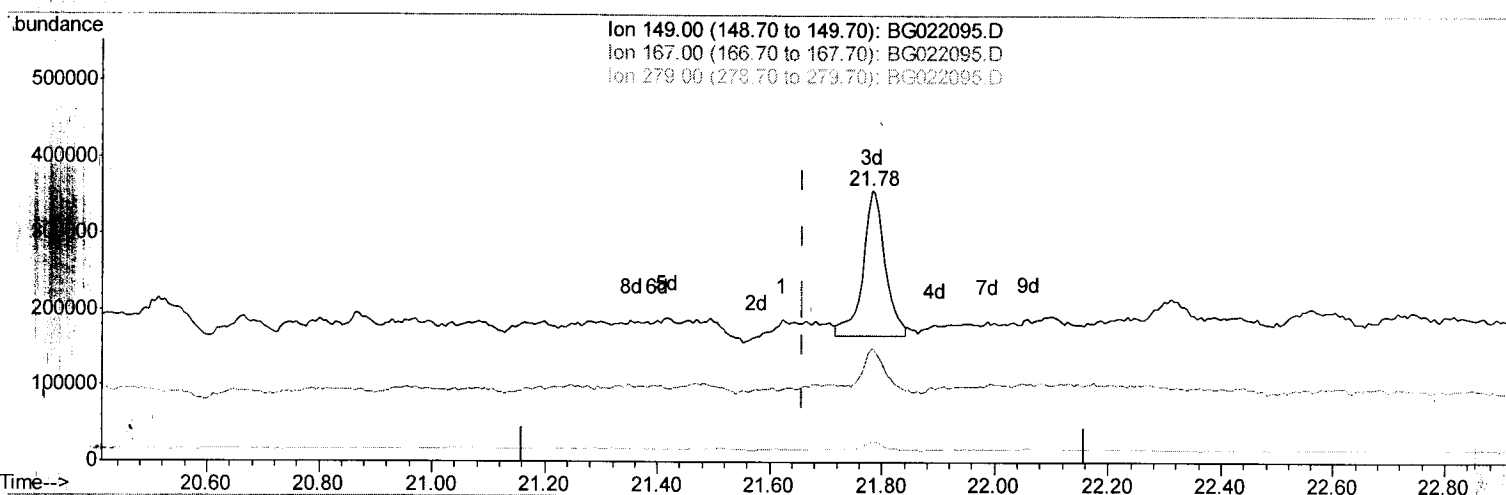
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



TIC: BG022095.D

(81) Bis(2-ethylhexyl)phthalate

21.781min (+0.122) 52.88ng/ul m

response 521261

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	42.07#
279.00	3.60	7.83#
0.00	0.00	0.00

U.M.
 05/28/16

Quantitation Report (Qedit)

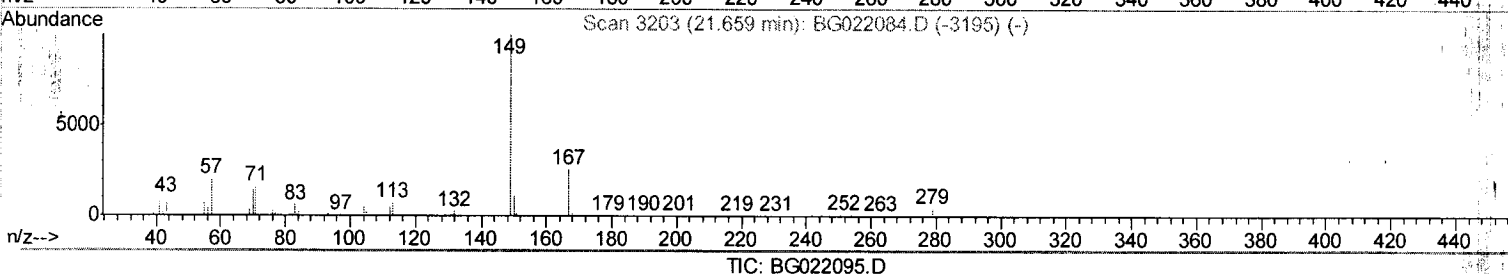
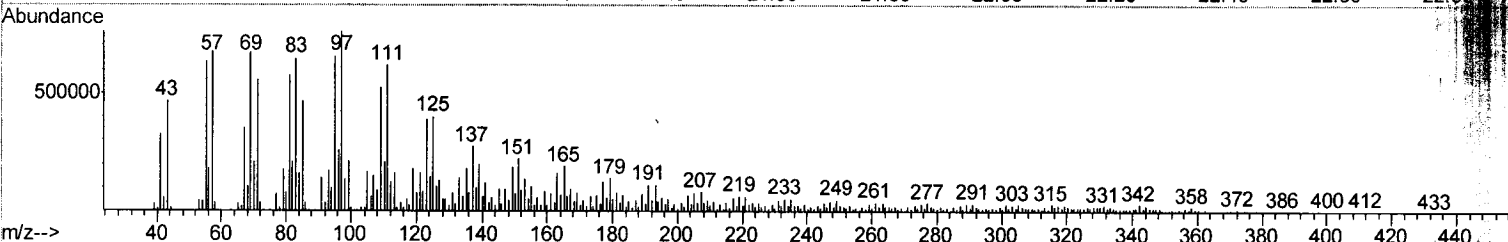
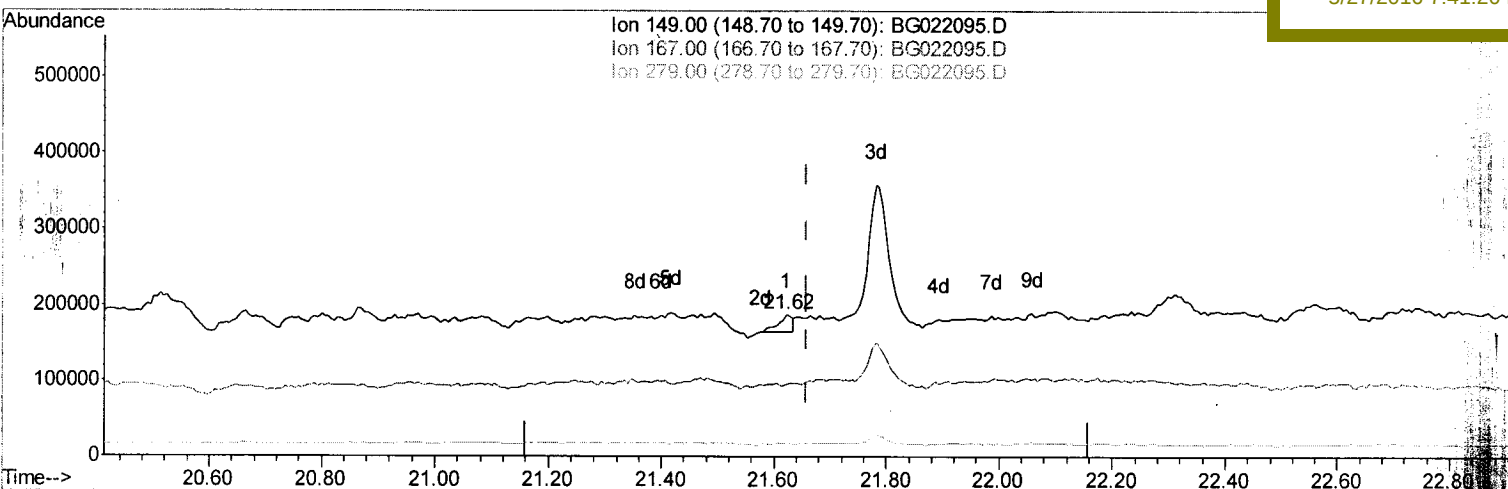
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



(81) Bis(2-ethylhexyl)phthalate

21.622min (-0.037) 4.25ng/ul

response 41865

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	51.07#
279.00	3.60	9.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

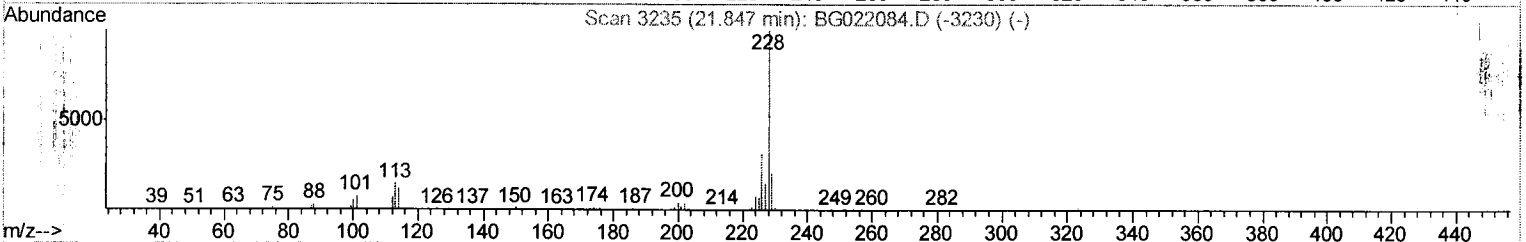
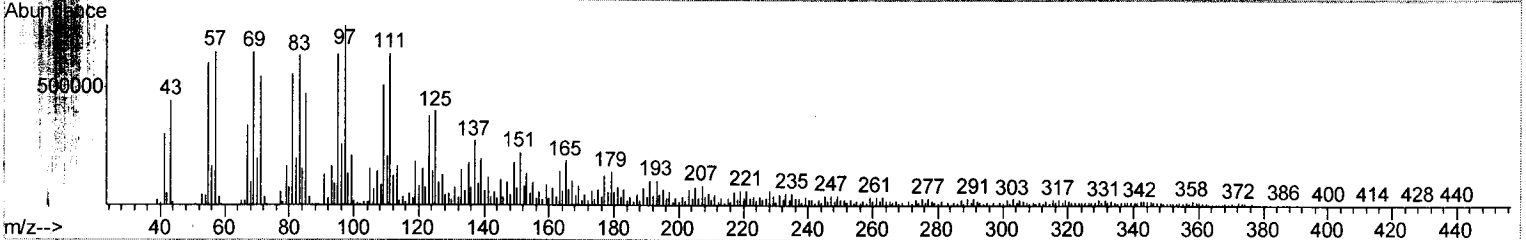
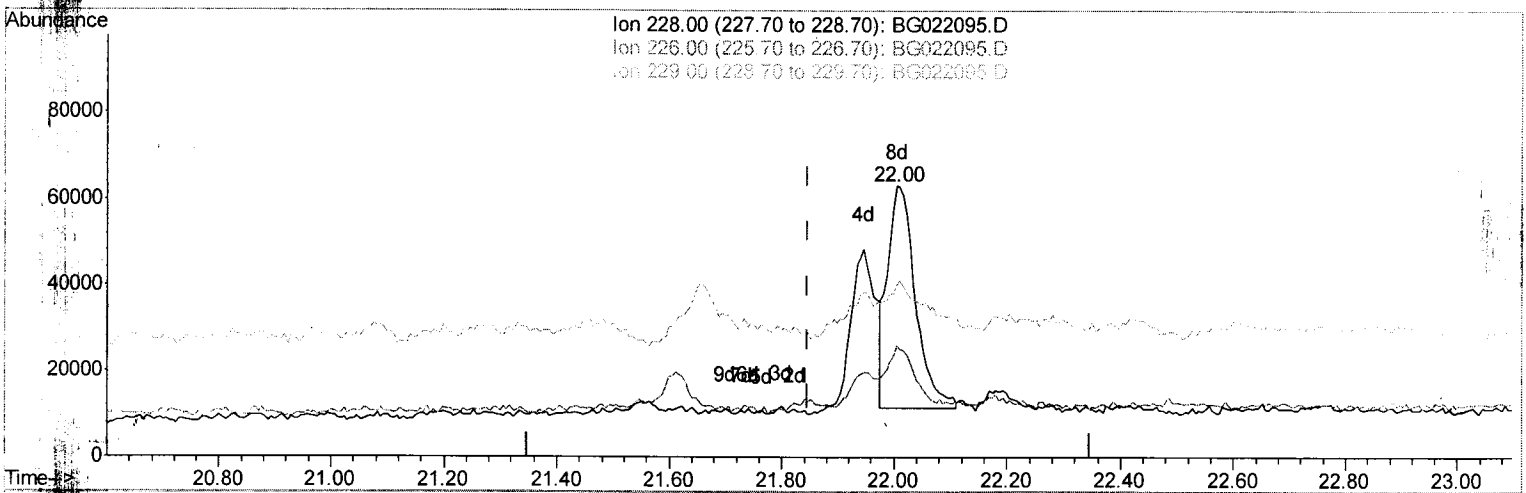
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



TIC: BG022095.D

(82) Chrysene

22.004min (+0.157) 15.08ng/ul m

response 176226

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	41.54#
229.00	18.80	64.17#
0.00	0.00	0.00

0.00
 05/31/16

Quantitation Report (Qedit)

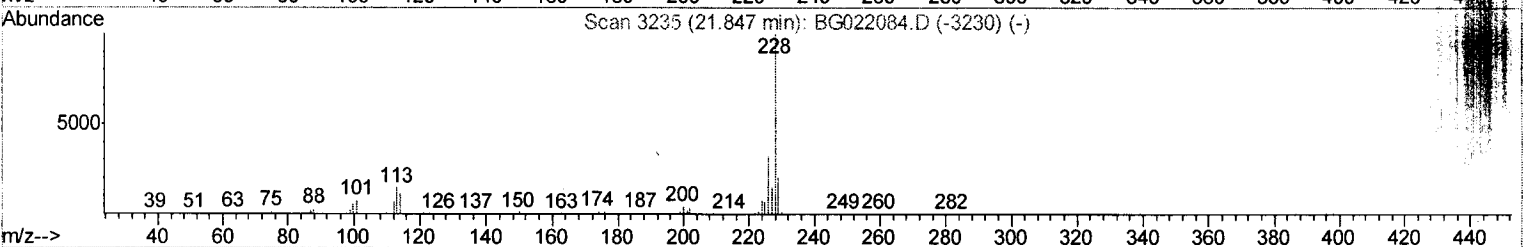
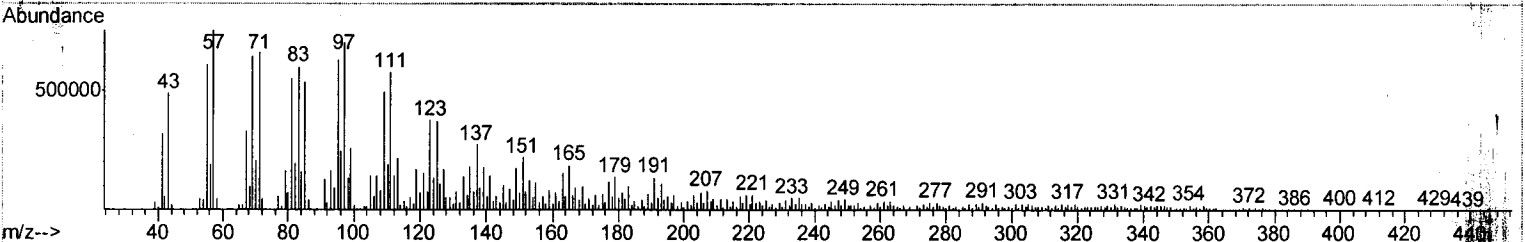
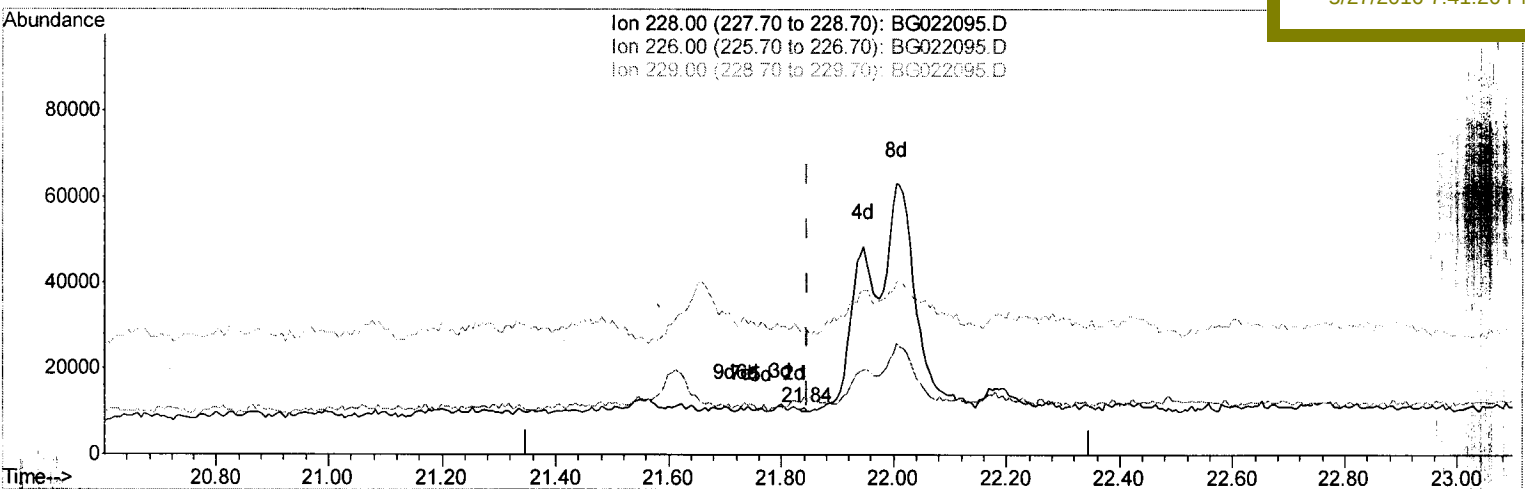
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



TIC: BG022095.D

(82) Chrysene

21.840min (-0.008) 0.03ng/ul

response 355

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	122.33#
229.00	18.80	270.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

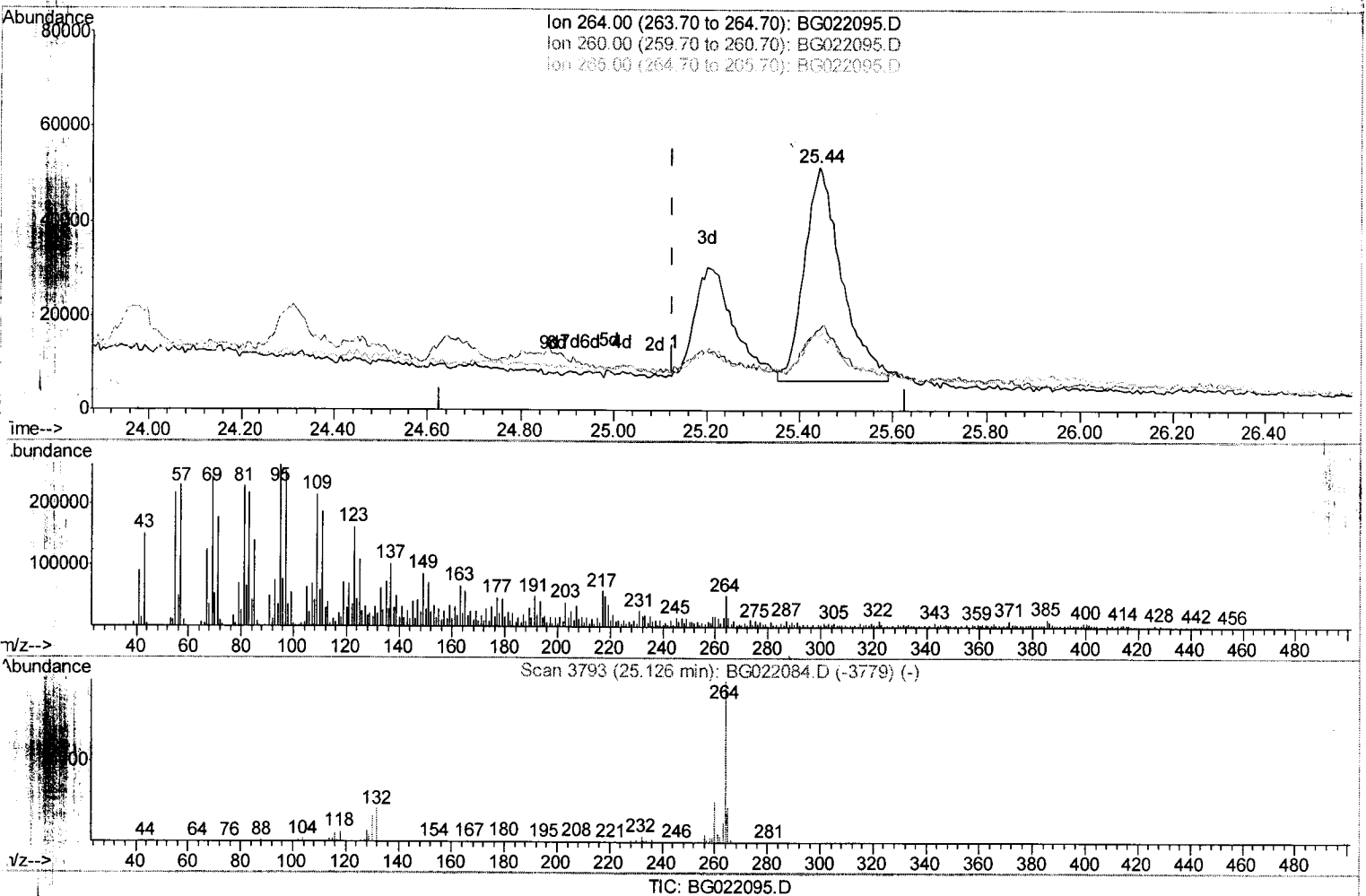
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



(83) Perylene-d12 (I)

25.442min (+0.316) 20.00ng/ul m

response 254058

Ion	Exp%	Act%
264.00	100	100
260.00	23.30	33.44#
265.00	22.60	31.15#
0.00	0.00	0.00

0.00
 05/31/16

Quantitation Report (Qedit)

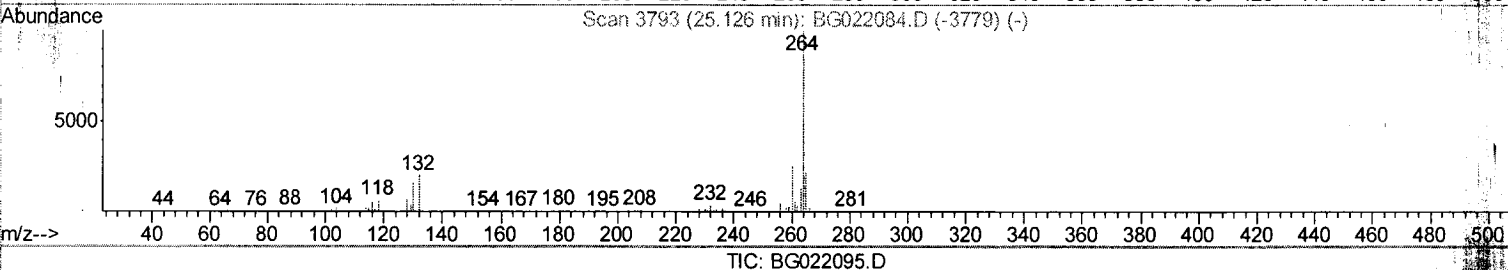
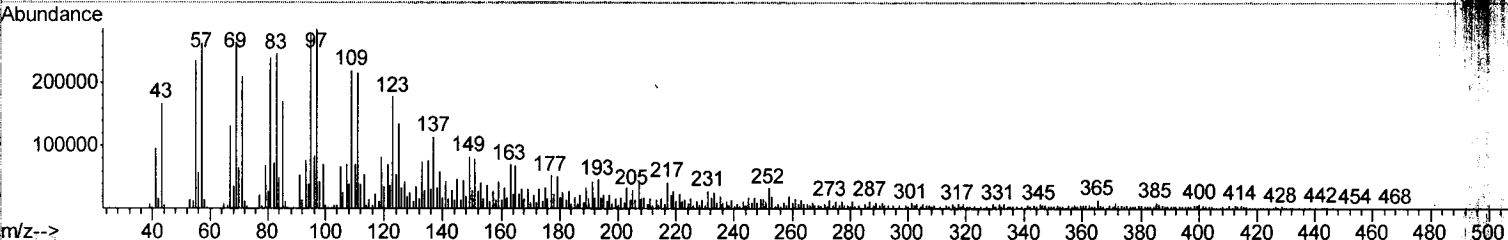
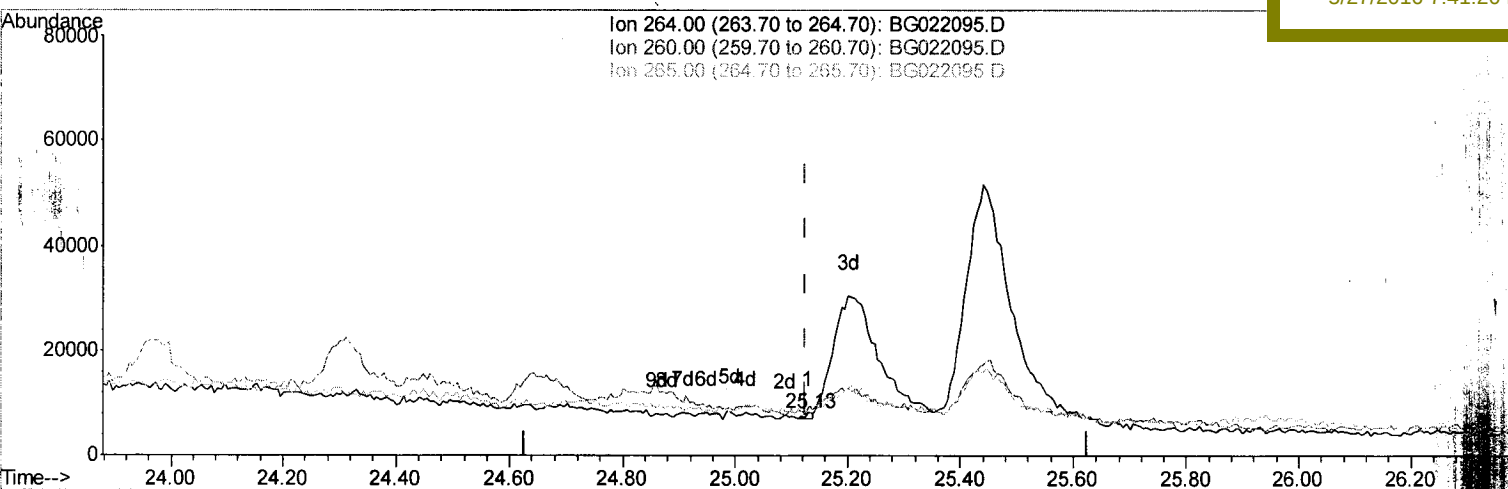
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:55:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



(83) Perylene-d12 (I)

25.130min (+0.004) 20.00ng/ul

response 1046

Ion	Exp%	Act%
264.00	100	100
260.00	23.30	115.82#
265.00	22.60	97.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

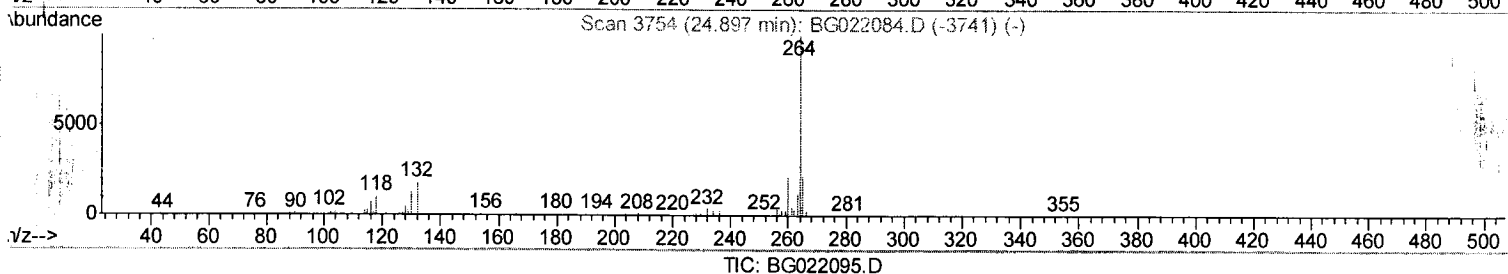
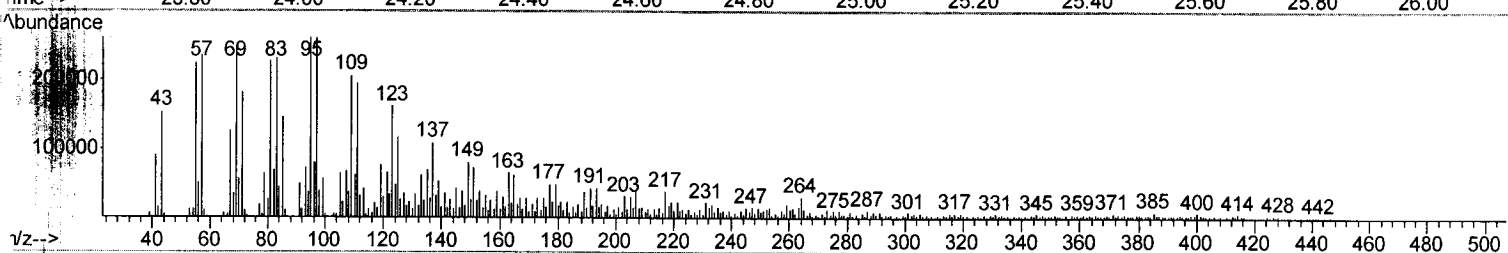
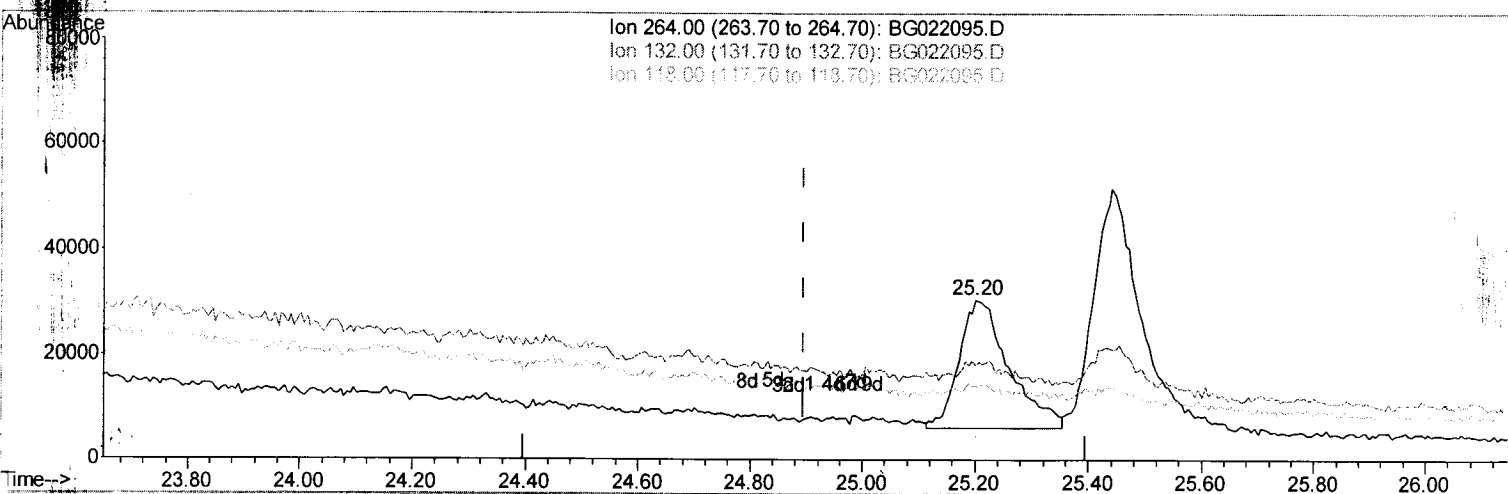
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 Quant Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



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

25.201min (+0.304) 12.83ng/ul m

response 151205

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	59.37#
118.00	11.60	46.26#
0.00	0.00	0.00

v.m.
 05/31/16

Quantitation Report (Qedit)

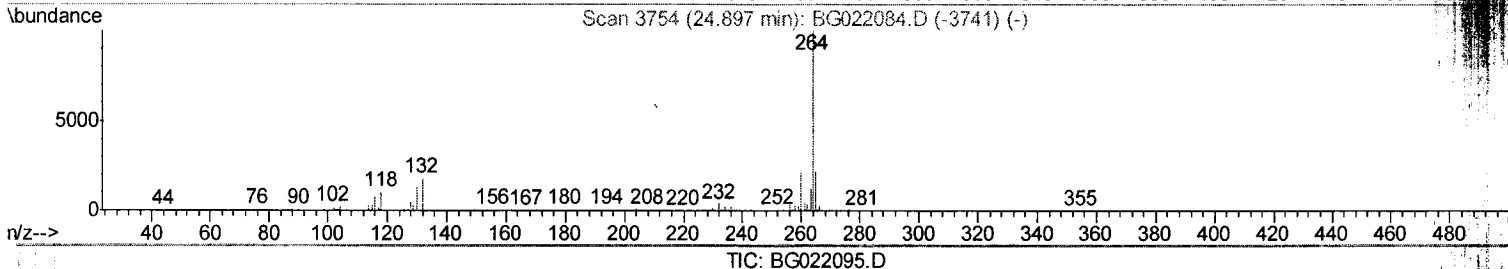
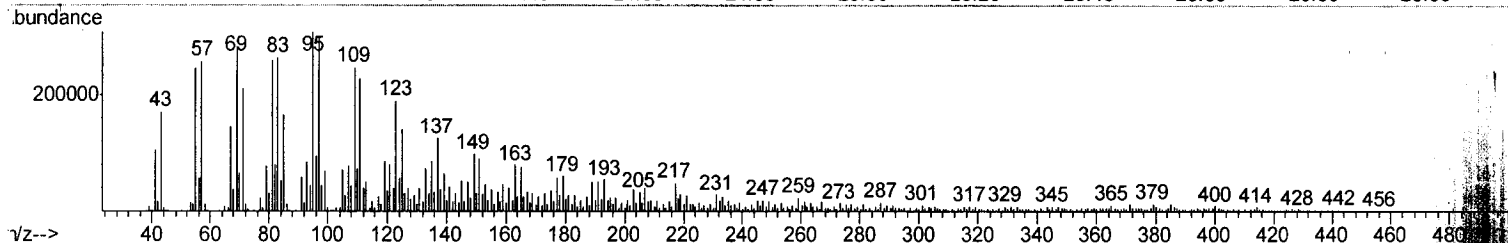
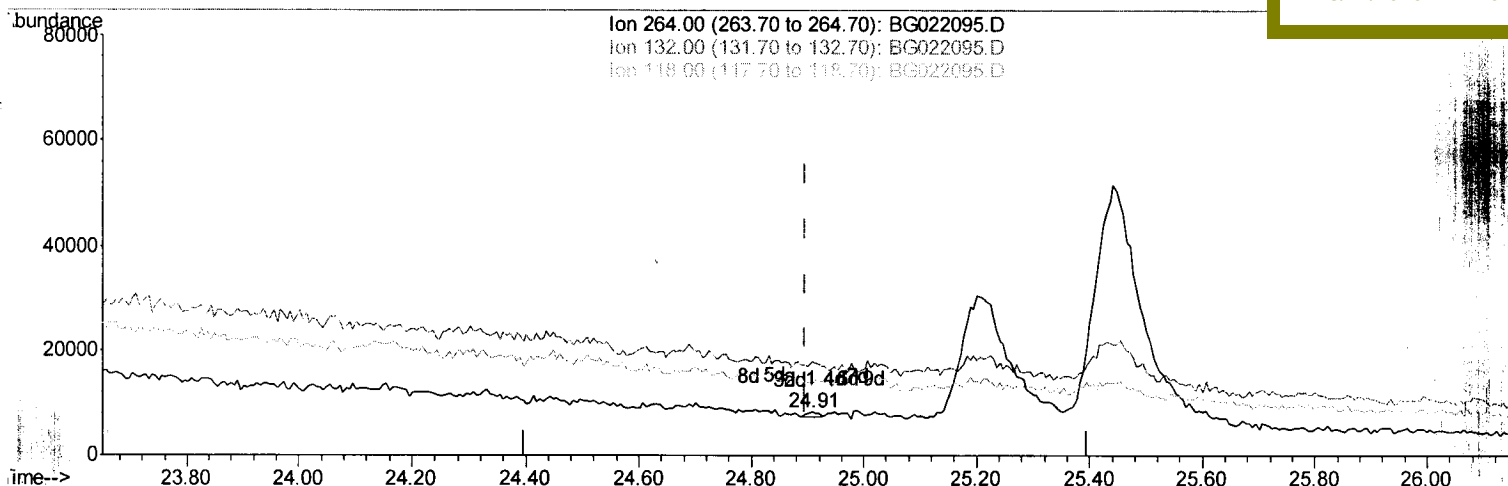
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



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

24.907min (+0.010) 0.09ng/ul

response 1101

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	218.32#
118.00	11.60	164.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

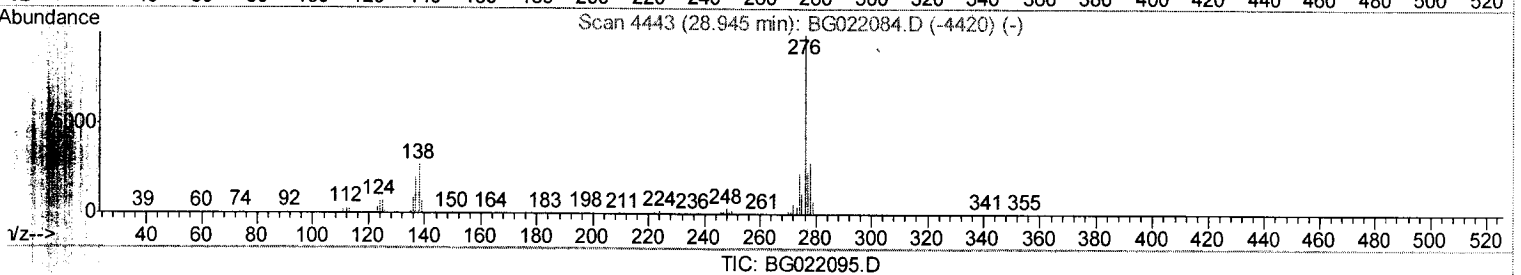
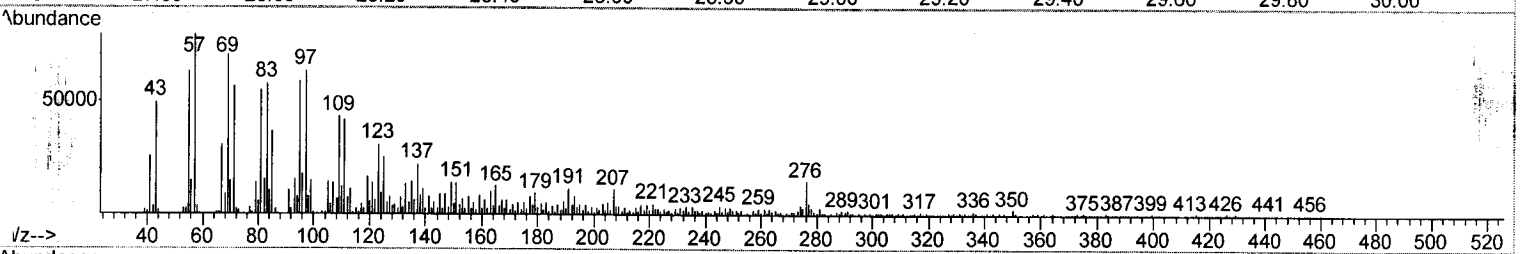
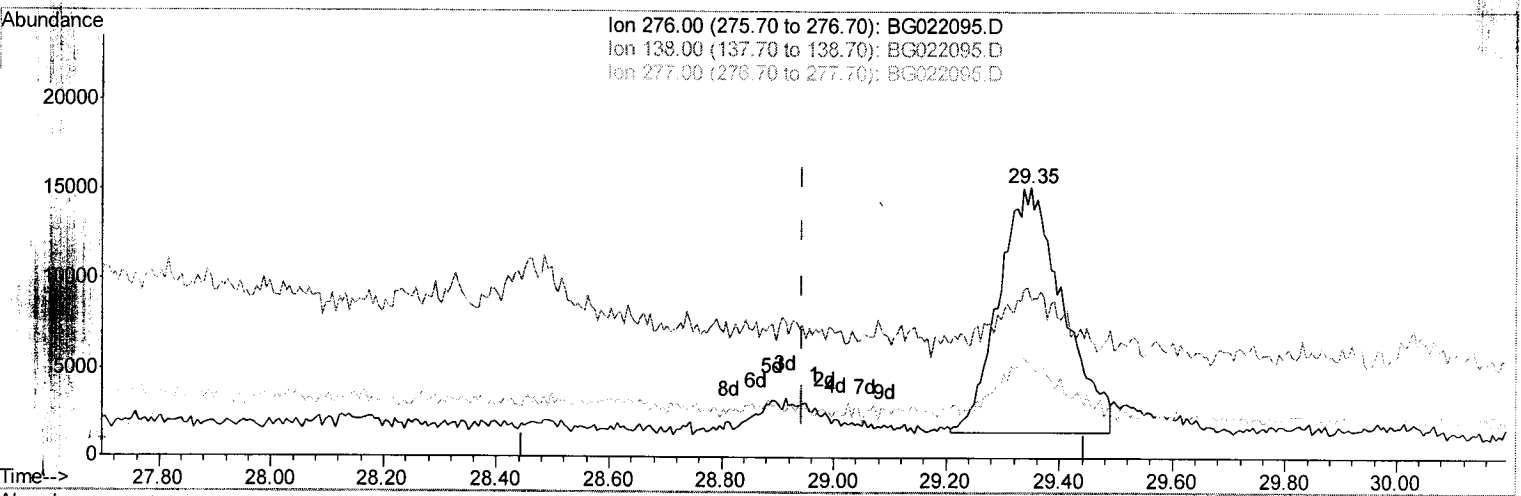
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



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

29.349min (+0.404) 6.58ng/ul m

response 108225

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	58.77#
277.00	22.00	35.28#
0.00	0.00	0.00

u.m.
 05/31/16

Quantitation Report (Qedit)

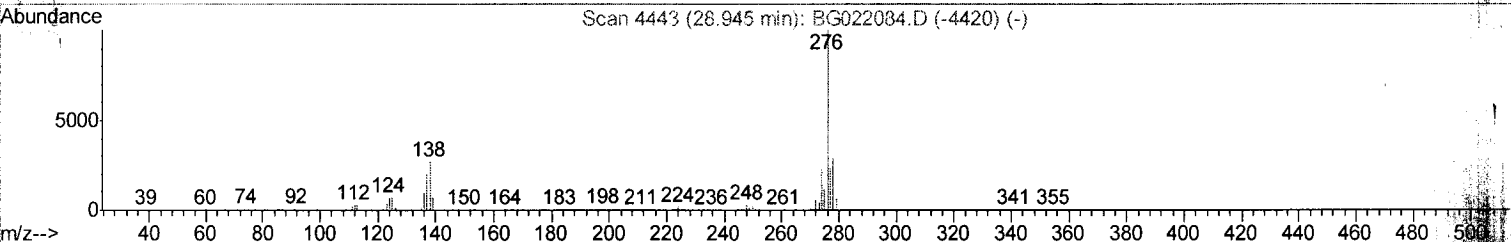
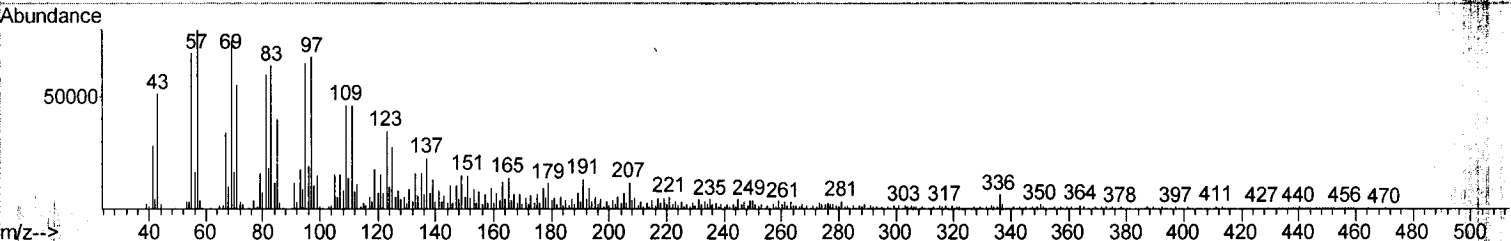
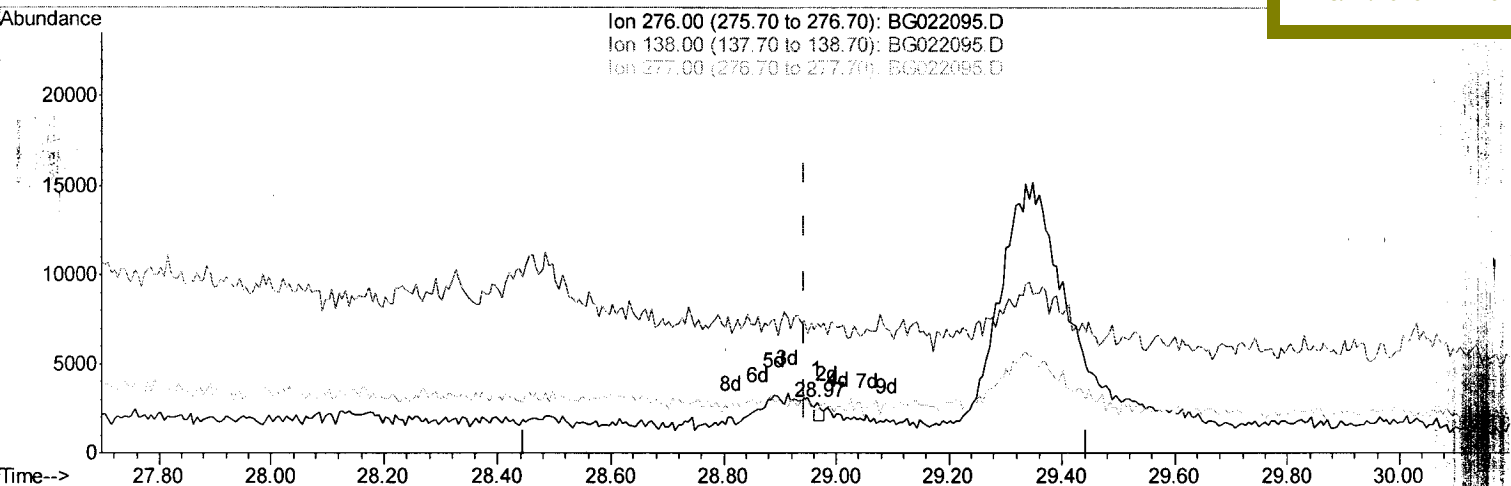
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



TIC: BG022095.D

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

28.967min (+0.022) 0.05ng/ul

response 759

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	255.44#
277.00	22.00	86.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

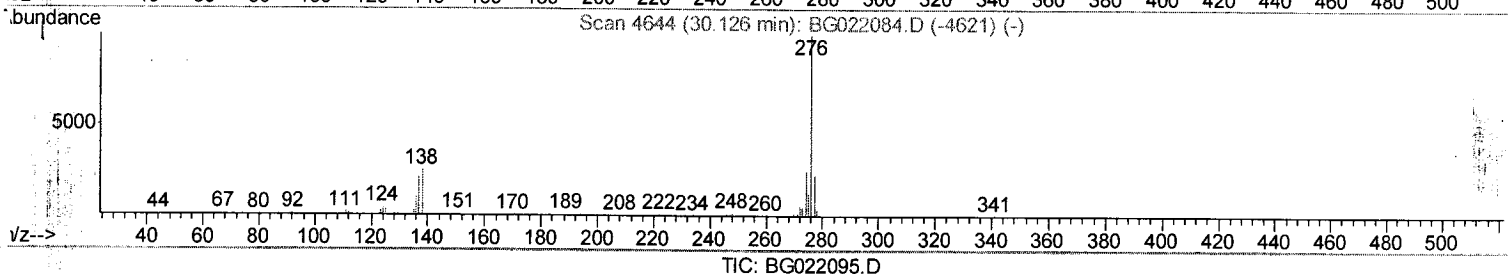
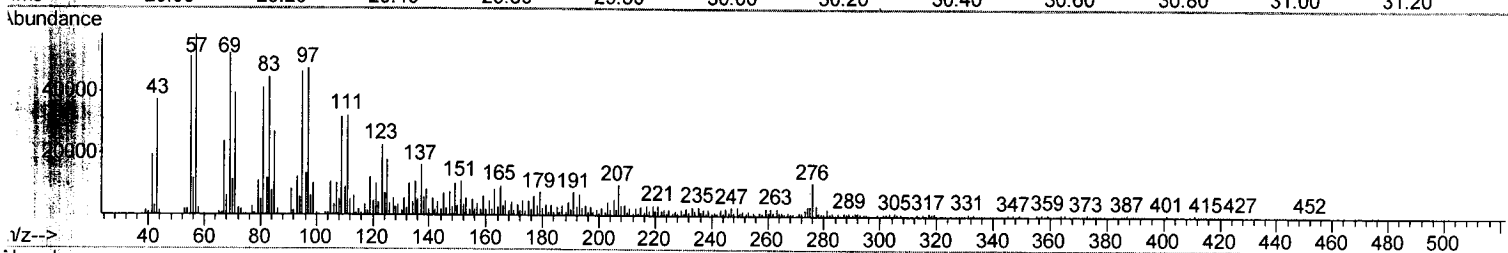
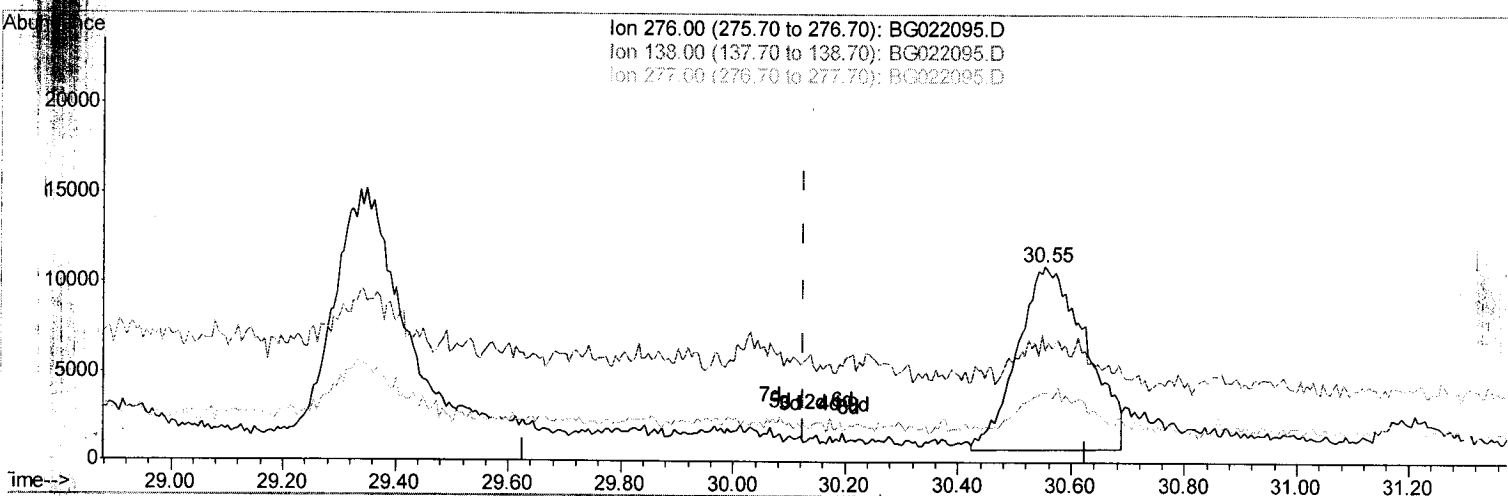
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 11:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



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

30.553min (+0.427) 6.56ng/ul m

response 86425

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	57.50#
277.00	21.20	36.12#
0.00	0.00	0.00

U. M.
 05/31/16

Quantitation Report (Qedit)

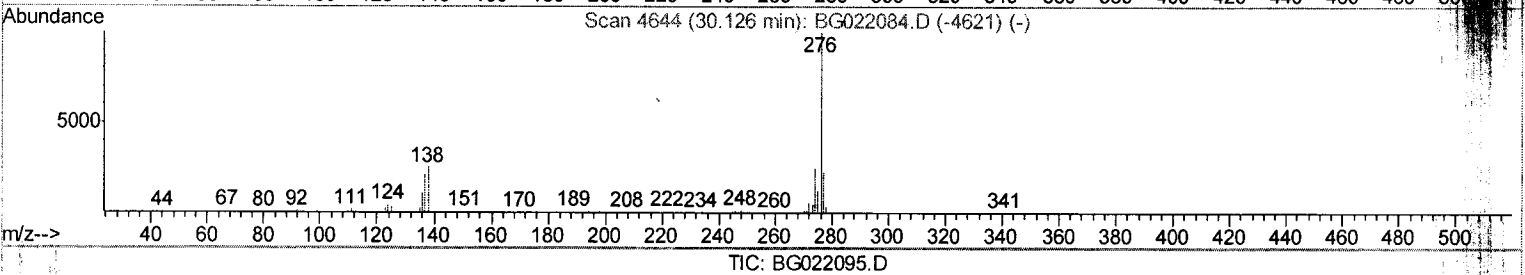
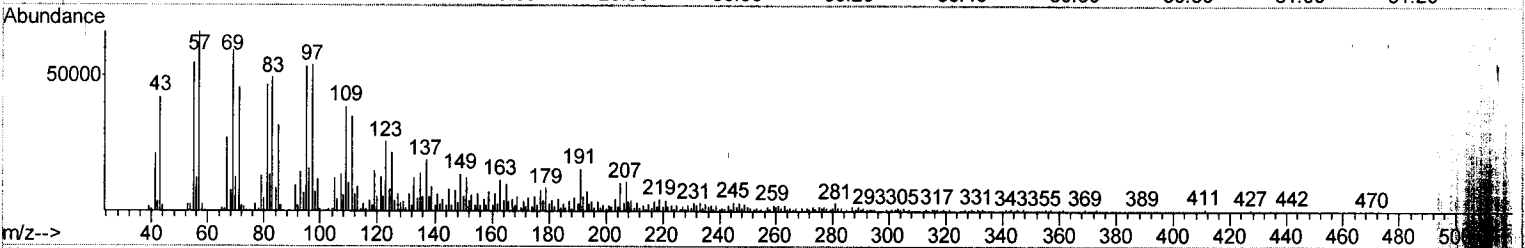
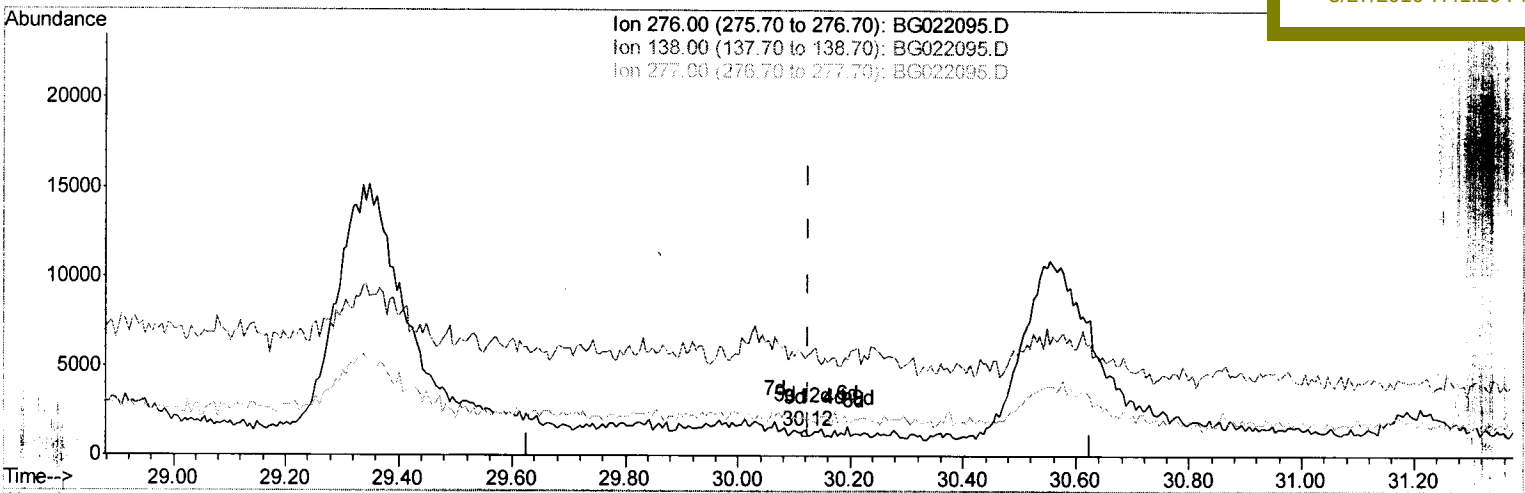
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Quant Time: May 27 11:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM



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

30.118min (-0.008) 0.01ng/ul

response 103

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	386.31#
277.00	21.20	138.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:20 PM

Quant Time: May 27 12:01:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	203664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	105355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	202598	20.00	ng/ul	0.01
75) Chrysene-d12	21.96	240	207716m	20.00	ng/ul	0.16
83) Perylene-d12	25.44	264	254058m	20.00	ng/ul	0.32

U.M.
 05/31/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	32596	8.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	15653	7.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	30765	9.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	29729	8.69	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	15564	10.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	18302	11.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	30220	10.53	ng/ul	0.01
29) 4-Chloroaniline-d4	11.12	131	2018m	0.65	ng/ul	0.01
43) Dimethylphthalate-d6	14.17	166	96417	12.18	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	130326	11.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	6250	4.59	ng/ul	0.02
57) Fluorene-d10	15.77	176	81970	11.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	3145	2.97	ng/ul	0.00
70) Anthracene-d10	17.64	188	117455	12.08	ng/ul	0.02
76) Pyrene-d10	19.98	212	127729m	10.90	ng/ul	0.08
87) Benzo(a)pyrene-d12	25.20	264	151205m	12.83	ng/ul	0.30

U.M.
 05/31/16

U.M.
 05/31/16

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	14.22	163	49040	6.17	ng/ul	98
69) Phenanthrene	17.58	178	148743	13.20	ng/ul#	71
74) Fluoranthene	19.64	202	584908	50.79	ng/ul#	94
77) Pyrene	20.01	202	396163m	27.11	ng/ul	
80) Benzo(a)anthracene	21.95	228	123598m	10.15	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.78	149	521261m	52.88	ng/ul	
82) Chrysene	22.00	228	176226m	15.08	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.35	276	108225m	6.58	ng/ul	
91) Benzo(g,h,i)perylene	30.55	276	86425m	6.56	ng/ul	

U.M.
 05/31/16

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