

(QT Reviewed)

Sample : H2936-18

ClientSampleId :

APPROVED

sohil

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



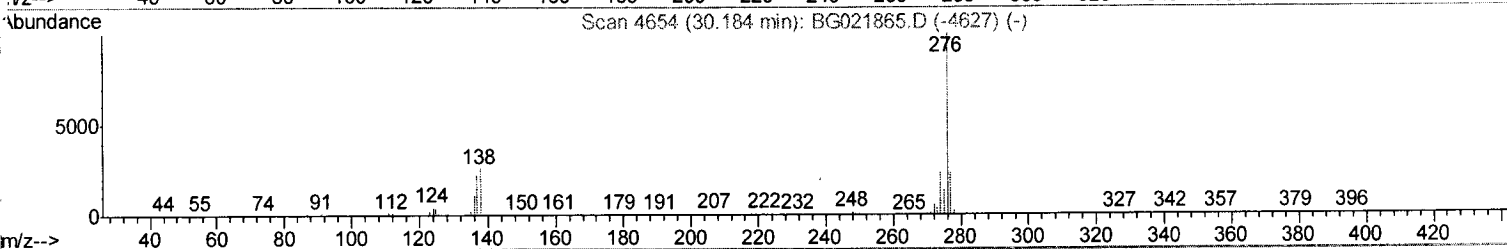
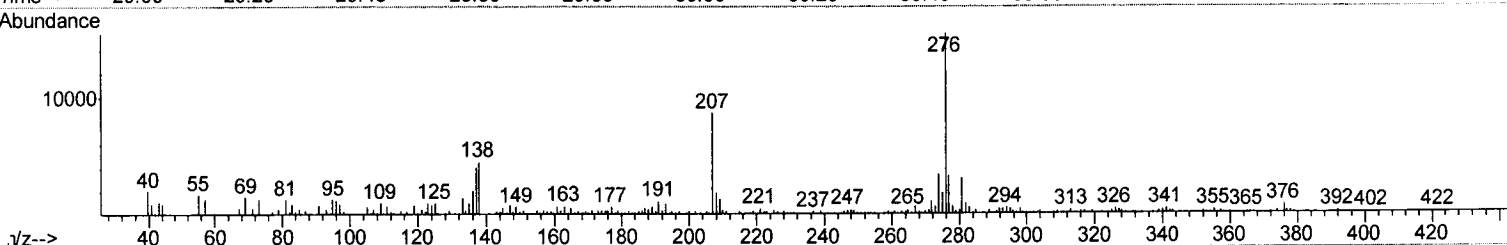
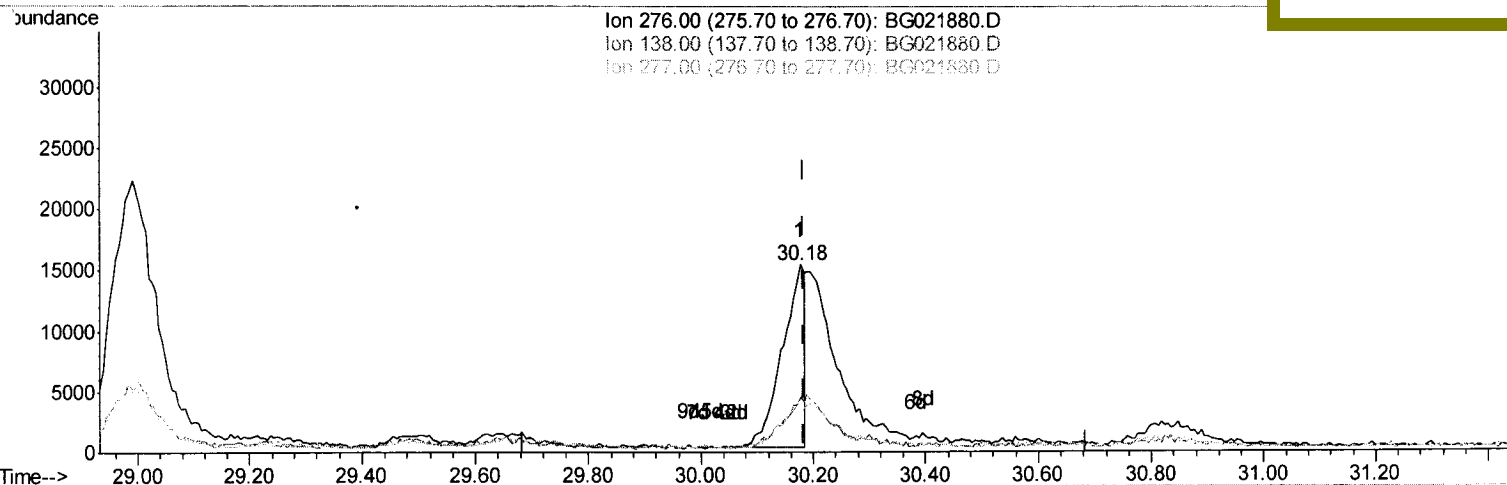
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021880.D
Acq On : 12 May 2016 22:36
Operator : UM/SJ
Sample : H2936-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK7

Manual Integrations
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Quant Time: May 13 07:53:55 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



TIC: BG021880.D

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

30.177min (-0.006) 1.54ng/ul

response 40845

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	29.76#
277.00	24.70	21.92
0.00	0.00	0.00

Quantitation Report (Qedit)

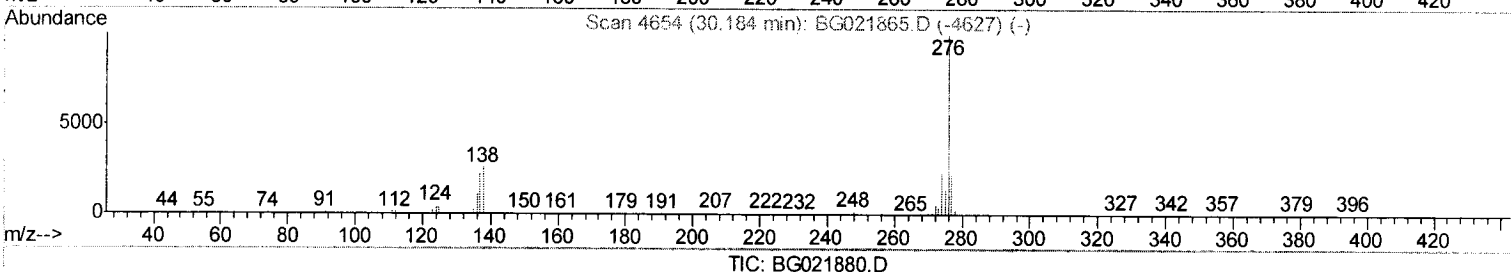
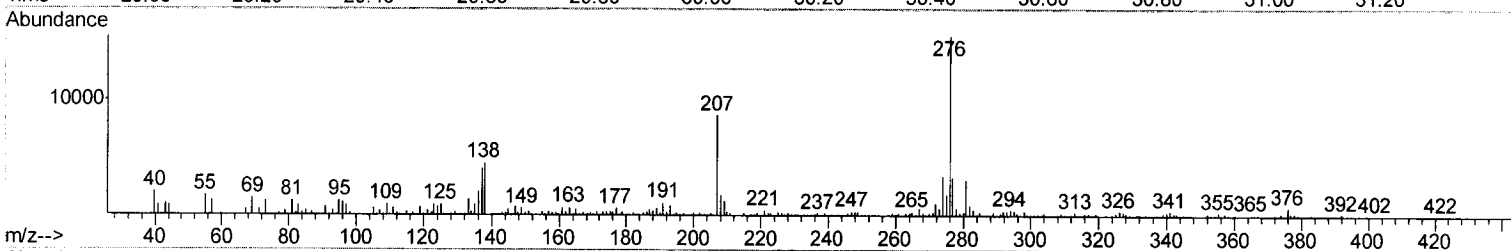
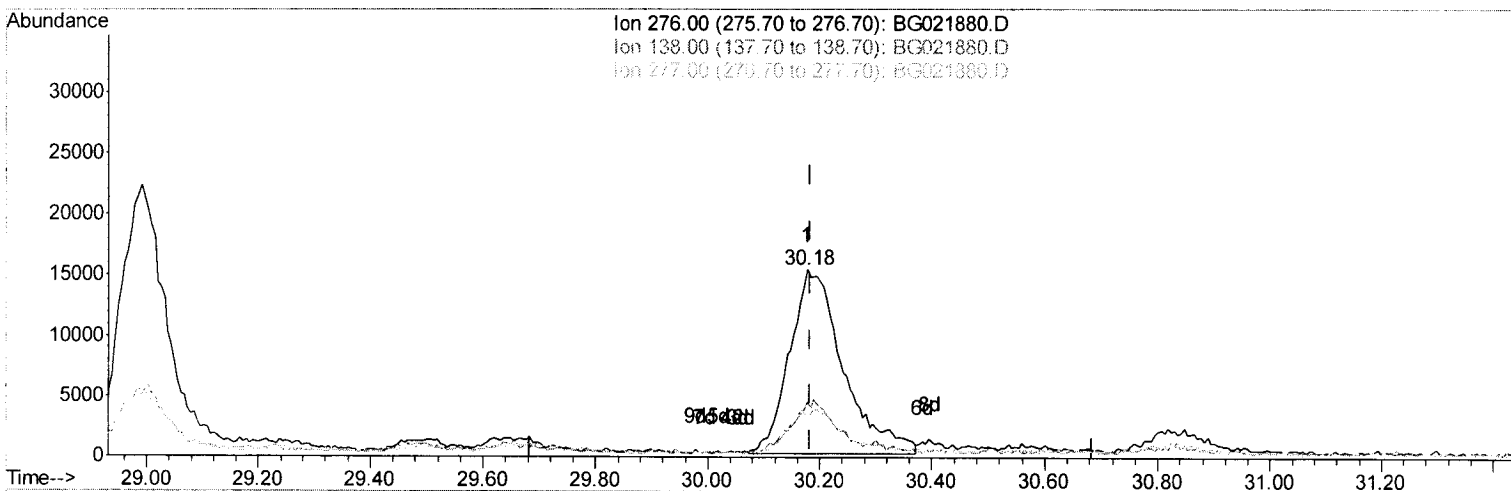
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
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 Operator : UM/SJ
 Sample : H2936-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9WK7

Manual Integrations
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 Response via : Initial Calibration



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

30.177min (-0.006) 3.80ng/ul m

response 100840

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	29.76#
277.00	24.70	21.92
0.00	0.00	0.00

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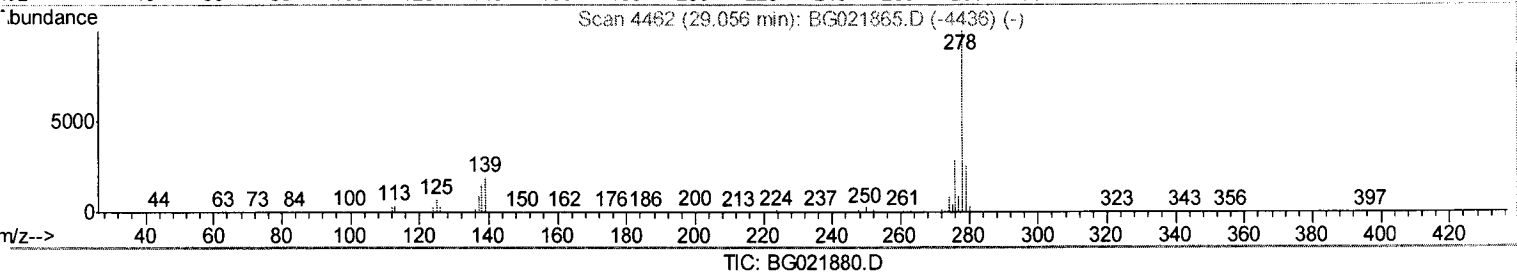
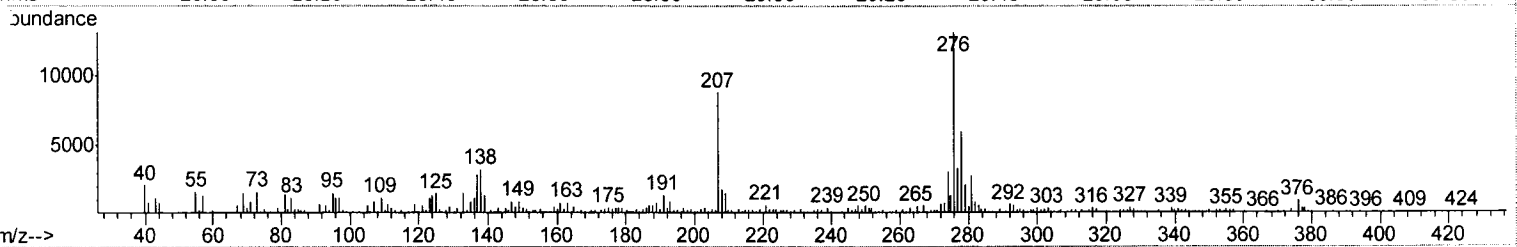
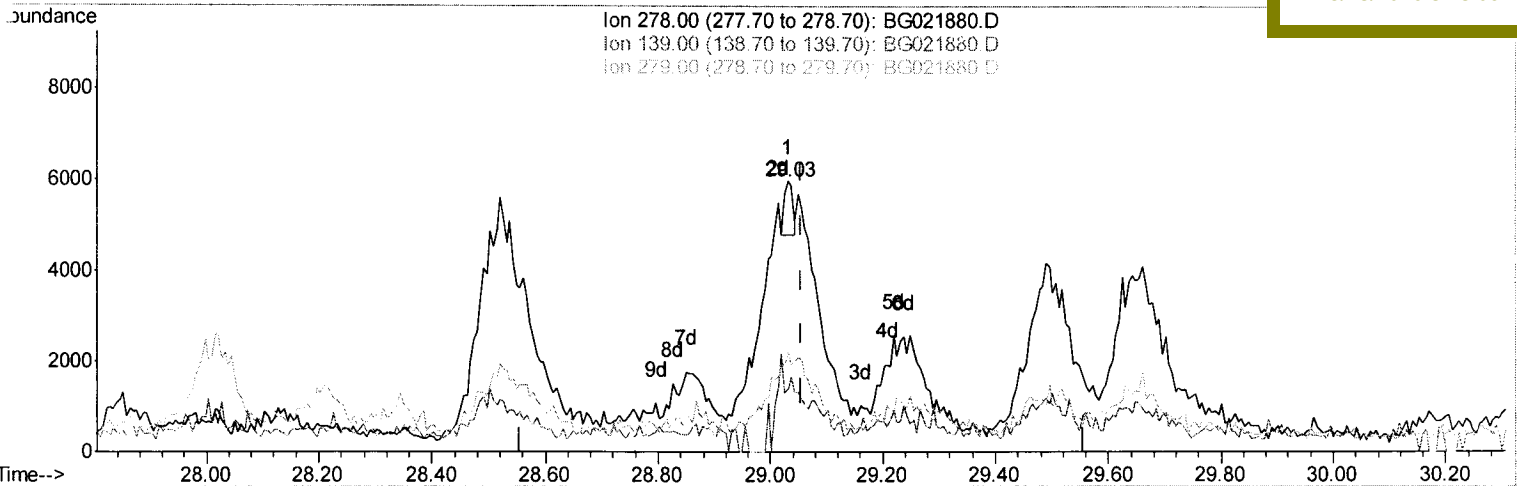
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Operator : UM/SJ
Sample : H2936-18
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(91) Dibenzo(a,h)anthracene

29.032min (-0.024) 0.05ng/ul

response 1214

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	23.87#
279.00	24.80	36.89#
0.00	0.00	0.00

```

Data Path   : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File   : BG021880.D
Acq On      : 12 May 2016   22:36
Operator    : UM/SJ
Sample      : H2936-18
Misc        :
ALS Vial    : 16      Sample Multiplier: 1

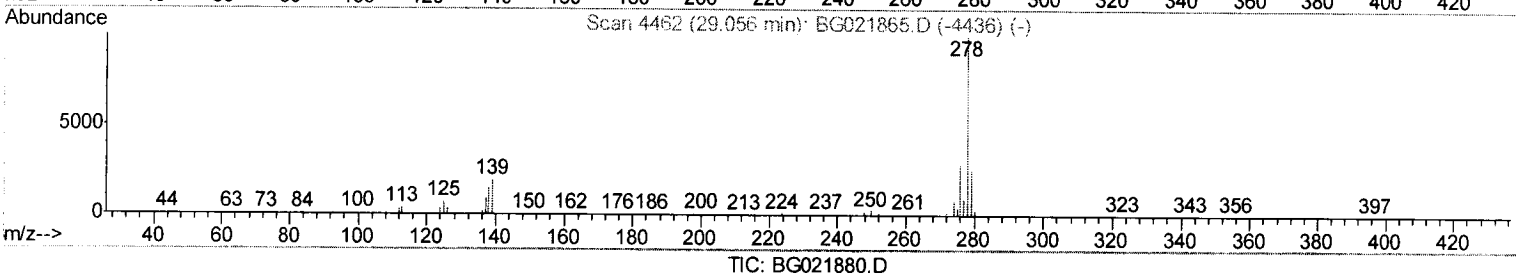
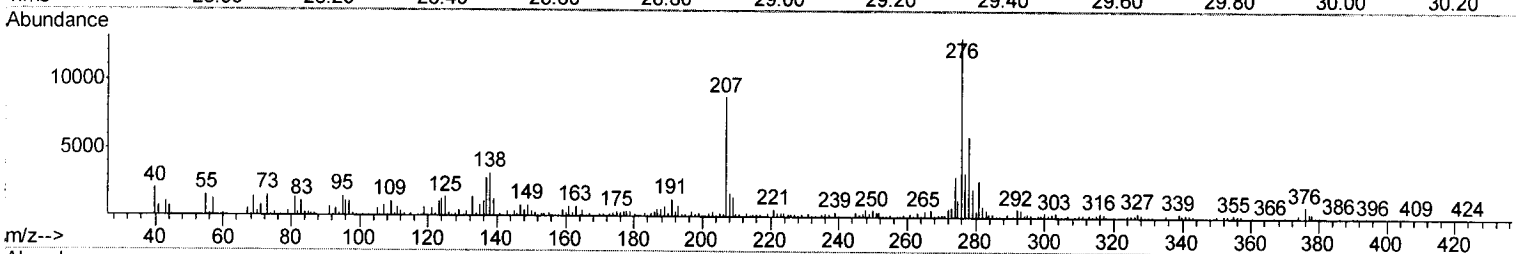
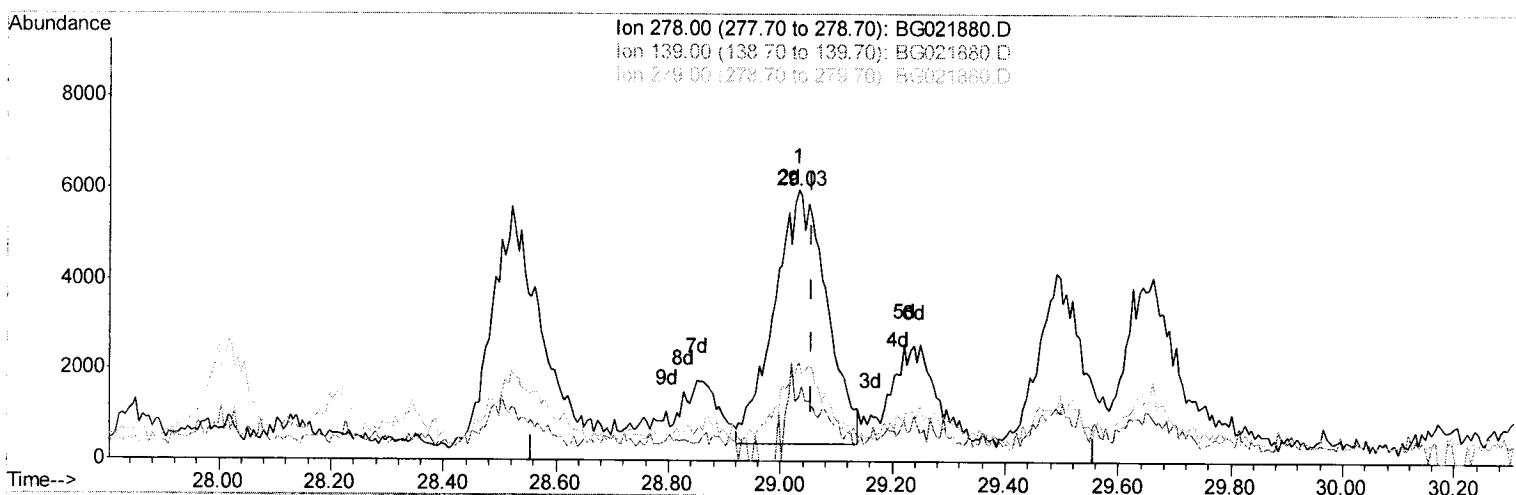
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Instrument :
BNA_G
ClientSampleId :
D9WK7

Manual Integrations APPROVED

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Response via : Initial Calibration



29.032min (-0.024) 1.36ng/ul m

response 36277

Ion	Exp%	Act%
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278.00	100	100
--------	-----	-----

139.00 15.10 23.87#

279.00 24.80 36.89#

0.00	0.00	0.00
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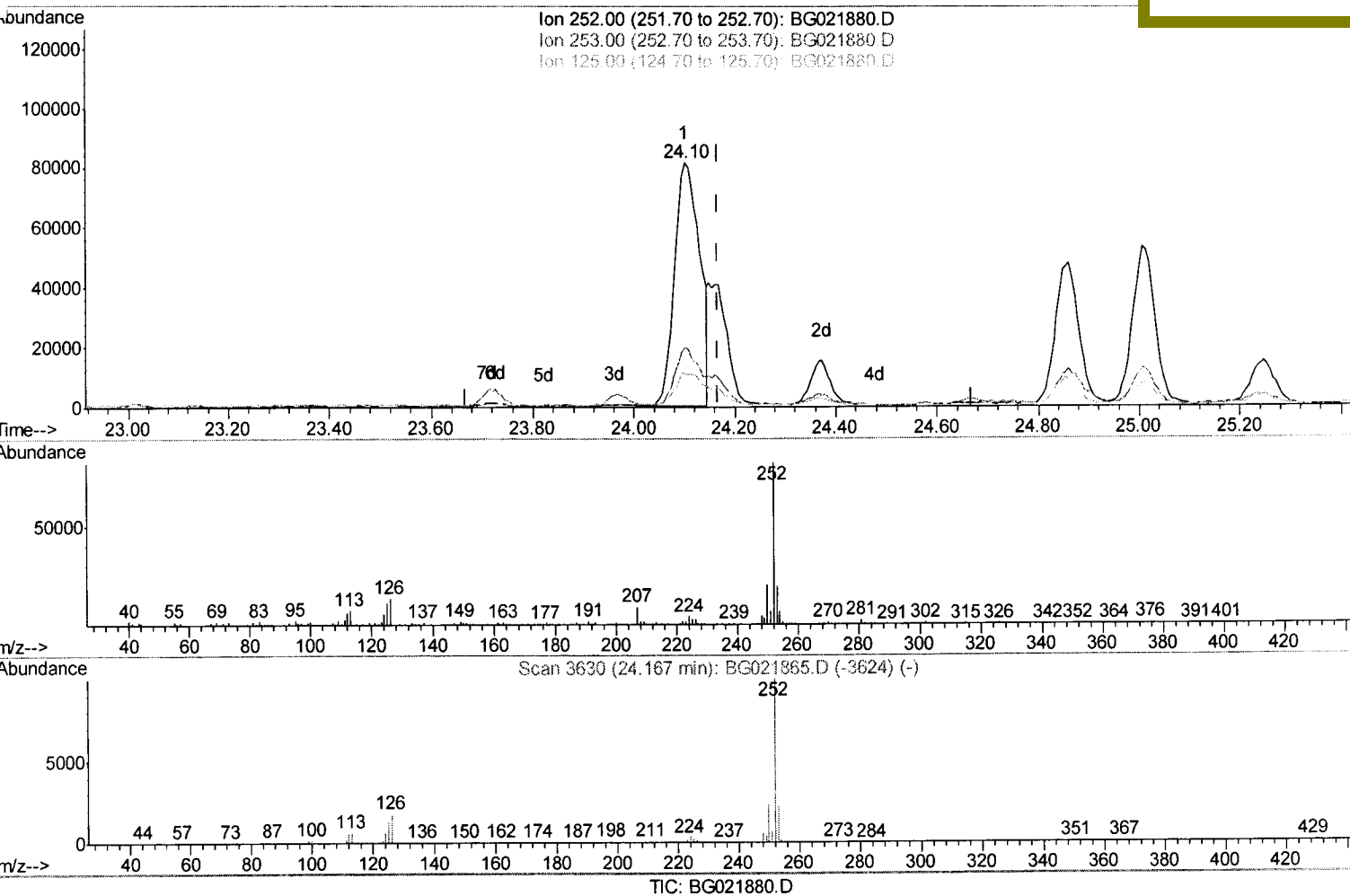
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
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Acq On : 12 May 2016 22:36
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Sample : H2936-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

24.102min (-0.065) 9.57ng/ul

response 279161

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.34
125.00	9.60	13.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

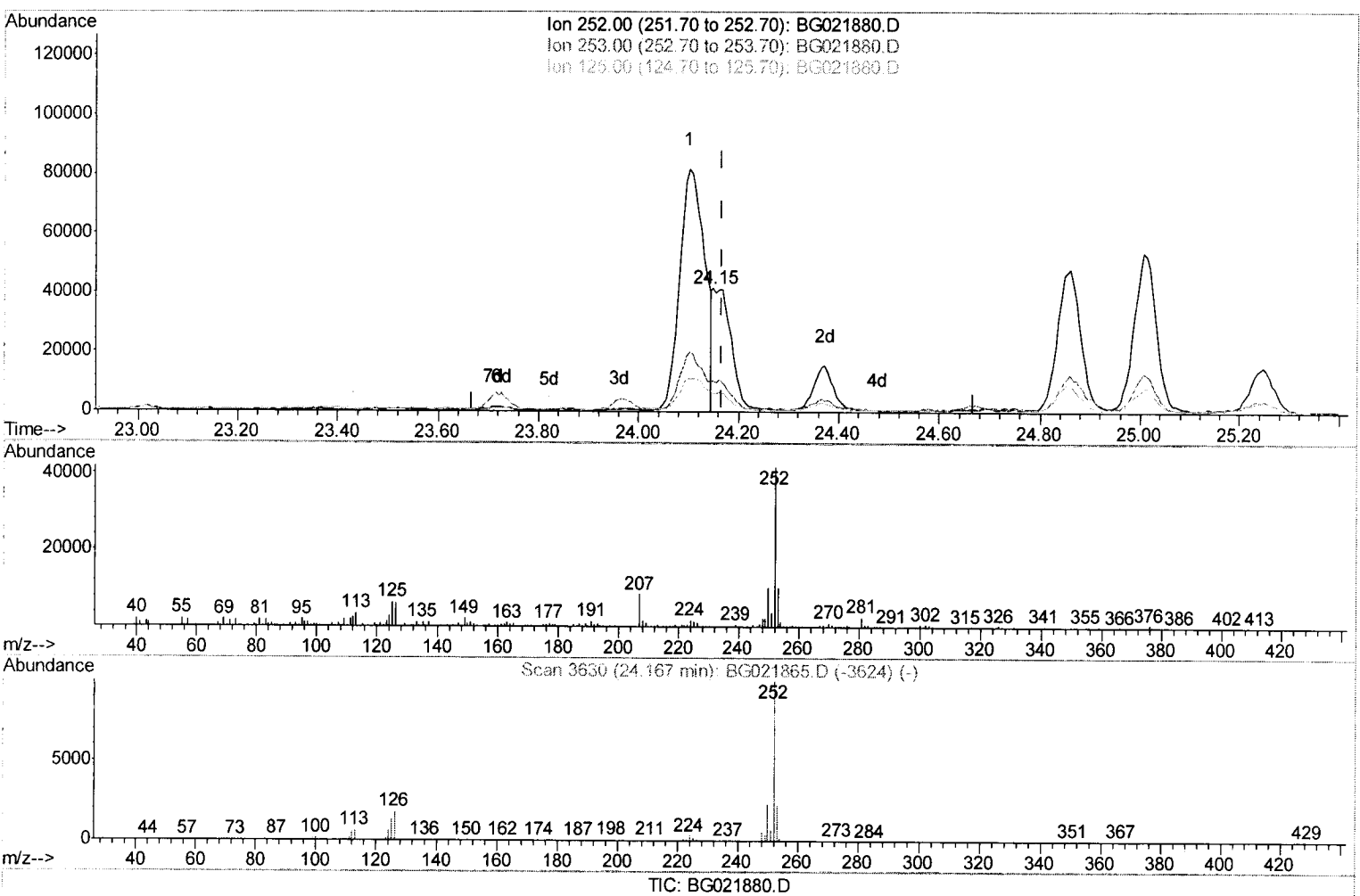
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 Operator : UM/SJ
 Sample : H2936-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK7

Manual Integrations
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 Response via : Initial Calibration



(87) Benzo(k)fluoranthene

24.149min (-0.018) 3.73ng/ul m

response 108731

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.14
125.00	9.60	15.48#
0.00	0.00	0.00

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Quantitation Report (Qedit)

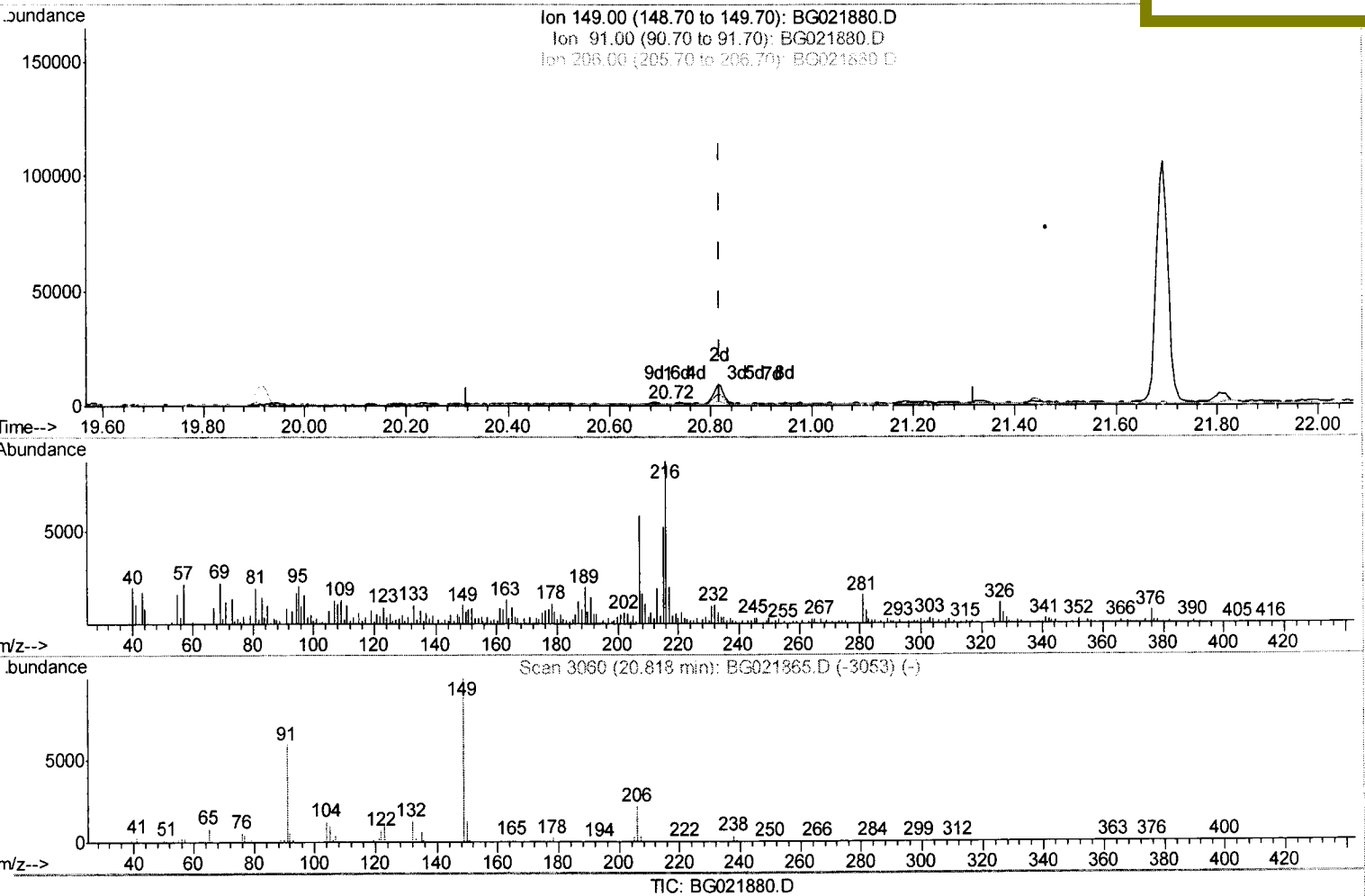
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021880.D
 Acq On : 12 May 2016 22:36
 Operator : UM/SJ
 Sample : H2936-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK7

Manual Integrations
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(79) Butylbenzylphthalate

20.718min (-0.100) 0.04ng/ul

response 247

Ion	Exp%	Act%
149.00	100	100
91.00	82.30	83.09
206.00	19.40	23.19
0.00	0.00	0.00

Quantitation Report (Qedit)

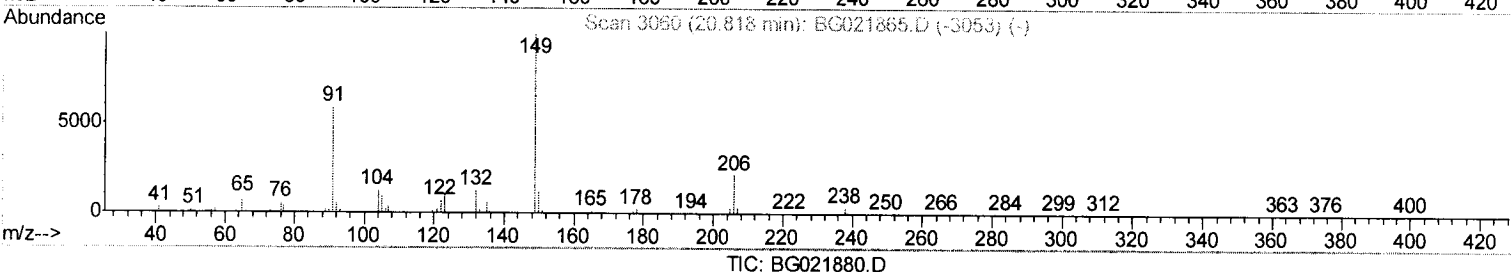
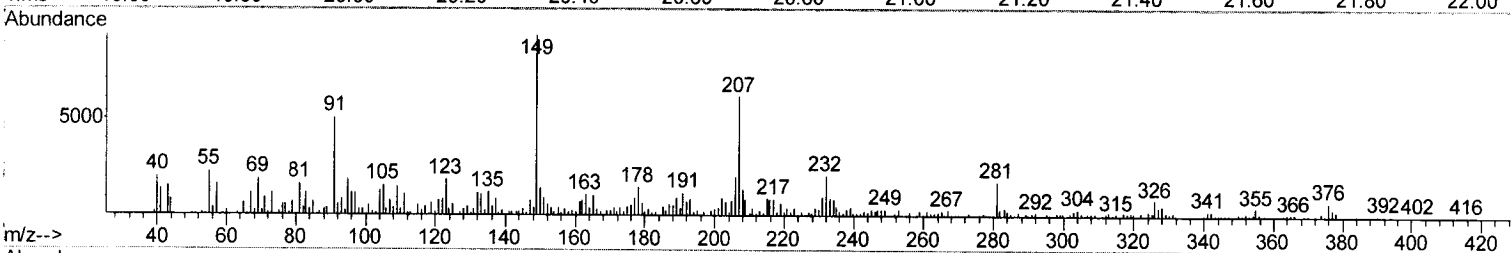
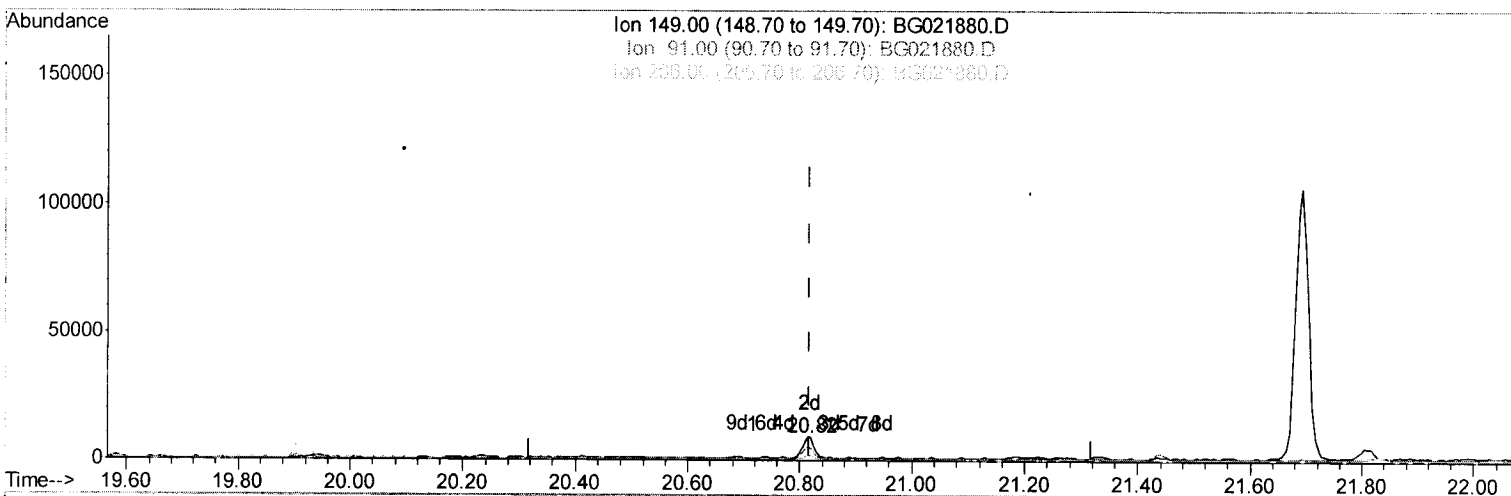
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021880.D
 Acq On : 12 May 2016 22:36
 Operator : UM/SJ
 Sample : H2936-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9WK7

Manual Integrations
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 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(79) Butylbenzylphthalate

20.818min (-0.001) 2.42ng/ul m

response 14585

Ion	Exp%	Act%
149.00	100	100
91.00	82.30	55.14#
206.00	19.40	22.42
0.00	0.00	0.00

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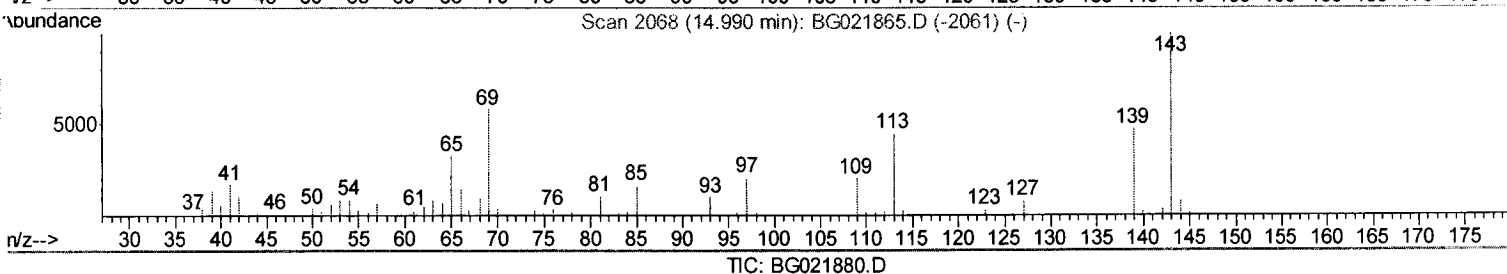
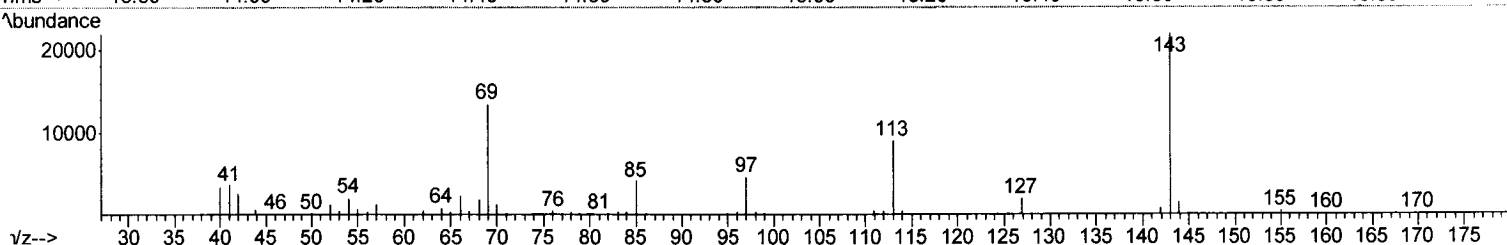
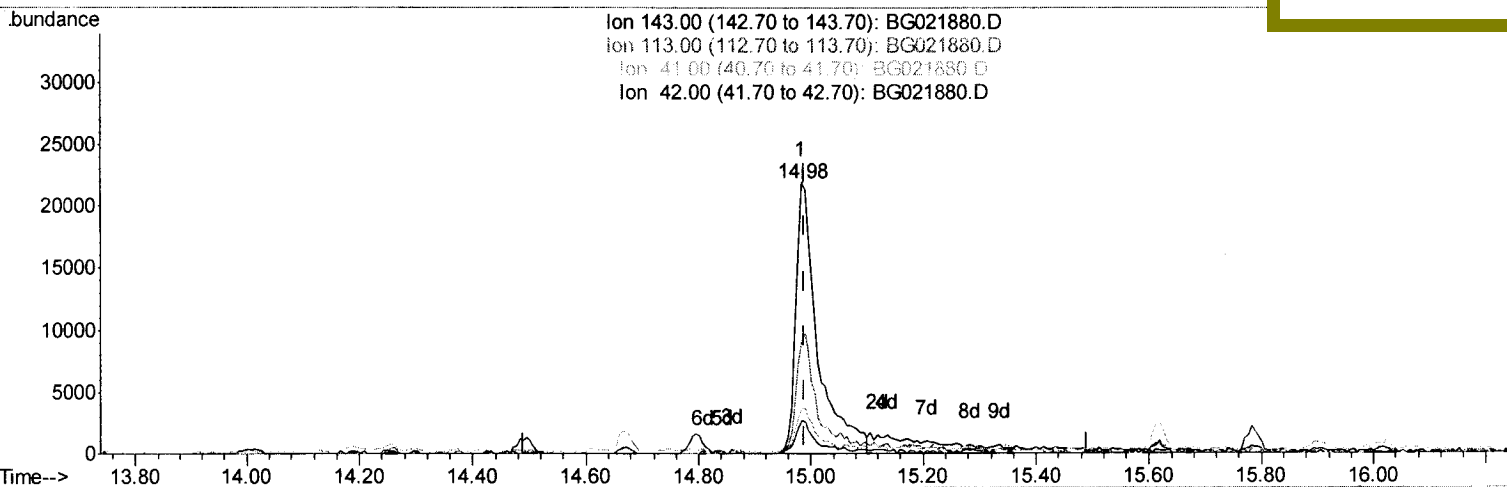
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021880.D
Acq On : 12 May 2016 22:36
Operator : UM/SJ
Sample : H2936-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK7

Quant Time: May 13 05:02:53 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)

14.983min (-0.006) 21.28ng/ul

response 59694

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	41.48#
41.00	49.70	16.90#
42.00	33.70	12.10#

Quantitation Report (Qedit)

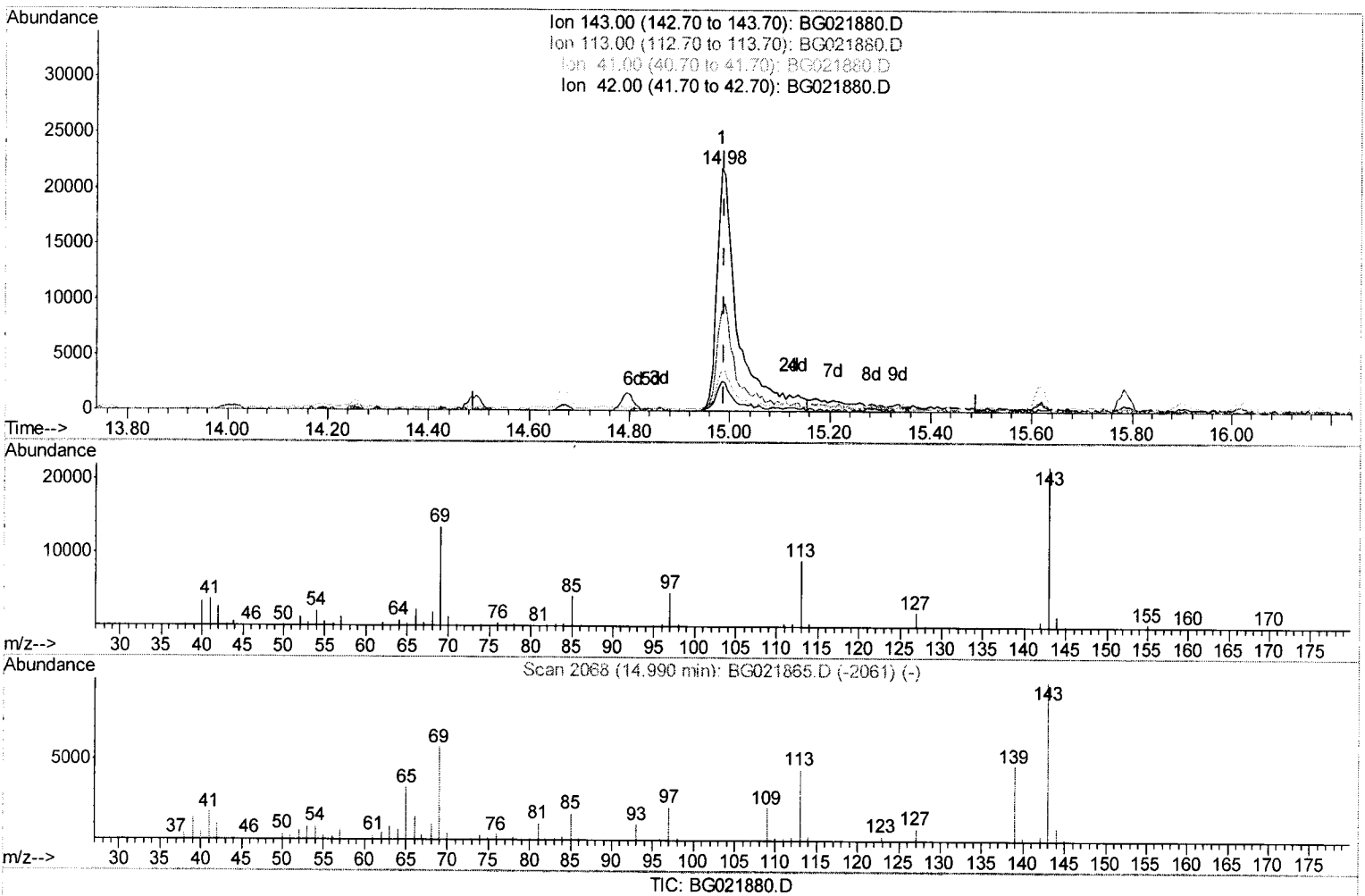
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021880.D
 Acq On : 12 May 2016 22:36
 Operator : UM/SJ
 Sample : H2936-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK7

Manual Integrations
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Quant Time: May 13 05:02:53 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)

14.983min (-0.006) 22.74ng/ul m

response 63792

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	41.48#
41.00	49.70	16.90#
42.00	33.70	12.10#

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Quantitation Report (Qedit)

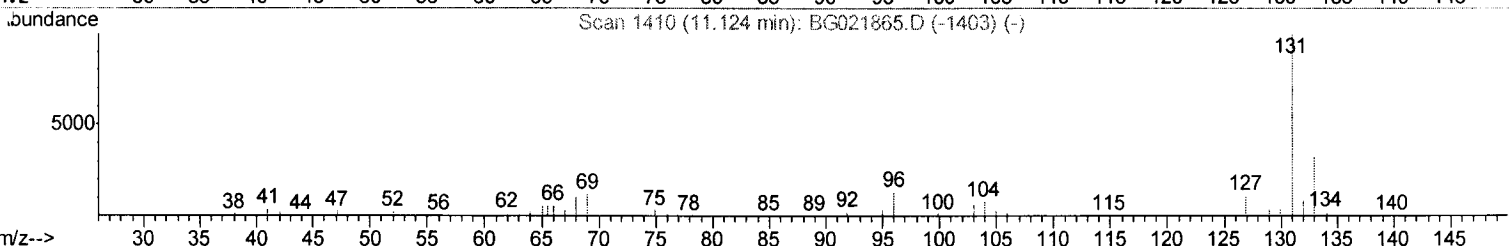
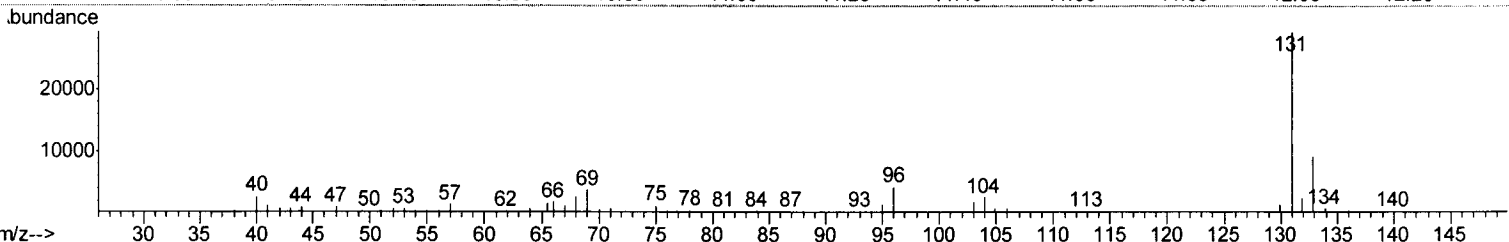
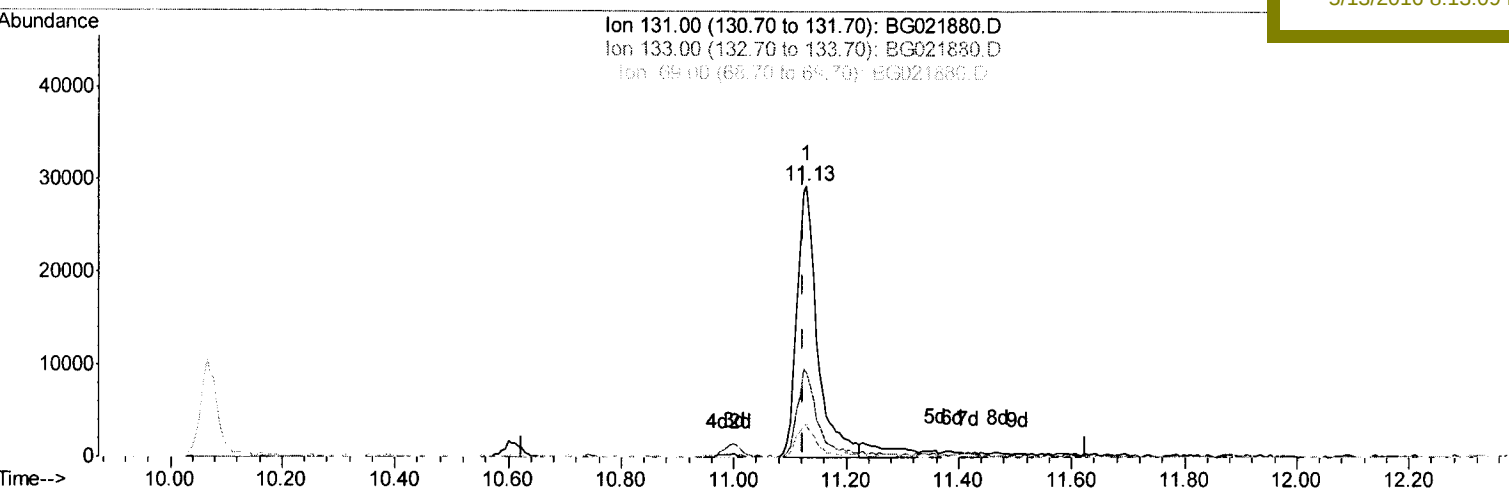
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021880.D
 Acq On : 12 May 2016 22:36
 Operator : UM/SJ
 Sample : H2936-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG021880.D

(29) 4-Chloroaniline-d4 (S)

11.129min (+0.005) 15.48ng/ul

response 74319

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.42
69.00	23.00	12.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

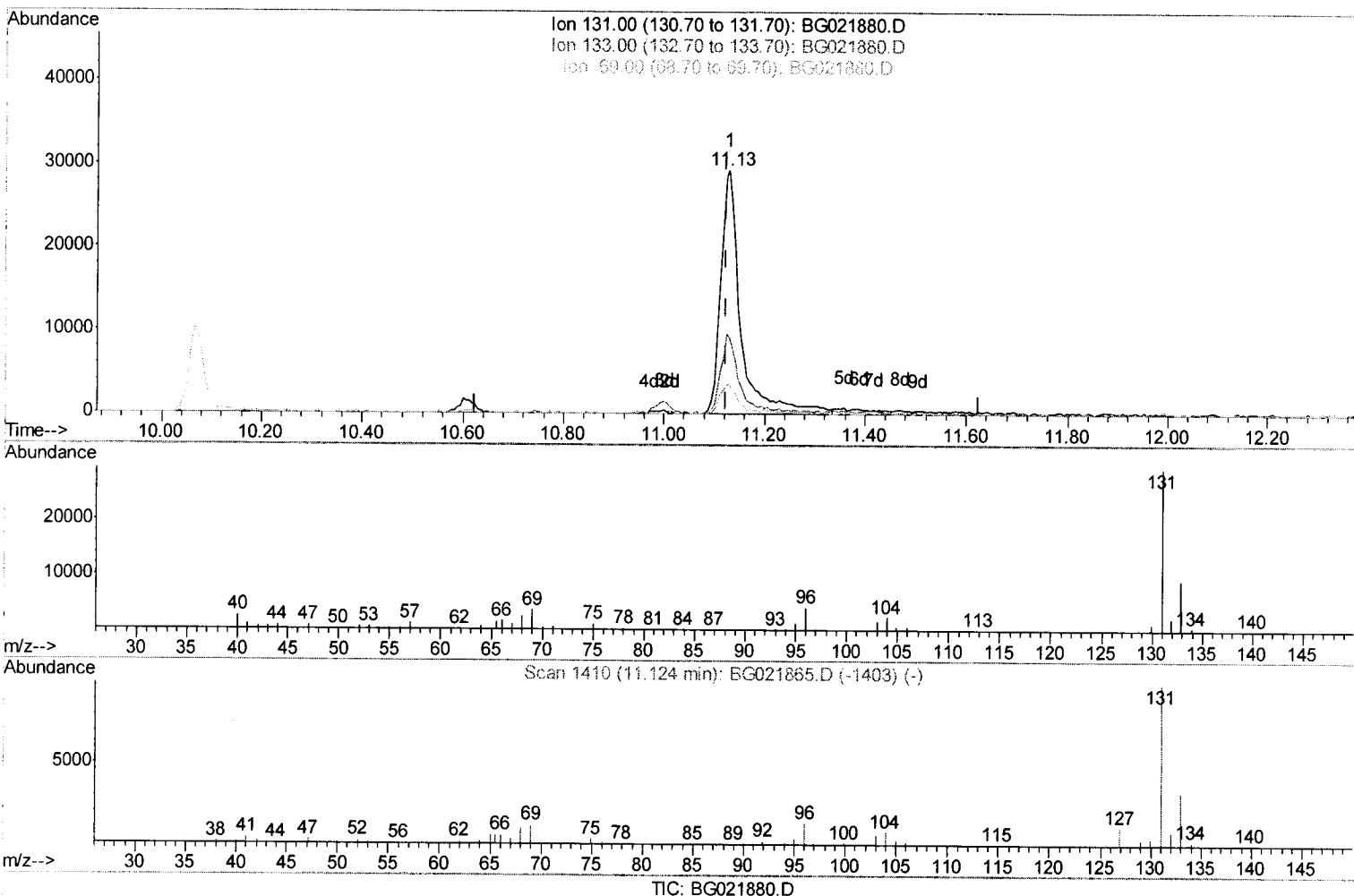
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Instrument :
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Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

11.129min (+0.005) 16.88ng/ul m

response 81044

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.42
69.00	23.00	12.47#
0.00	0.00	0.00

U.M
 05/16/16

Quantitation Report (Qedit)

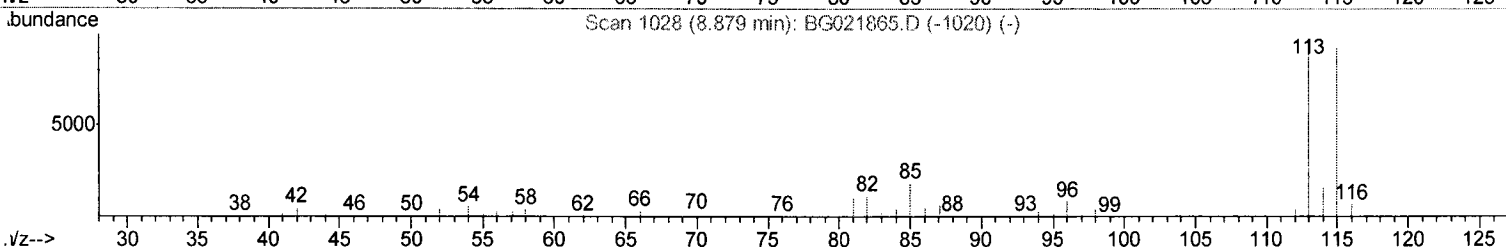
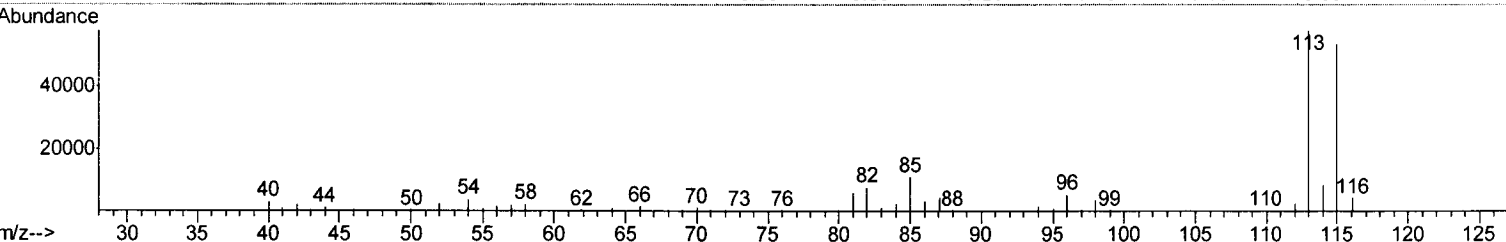
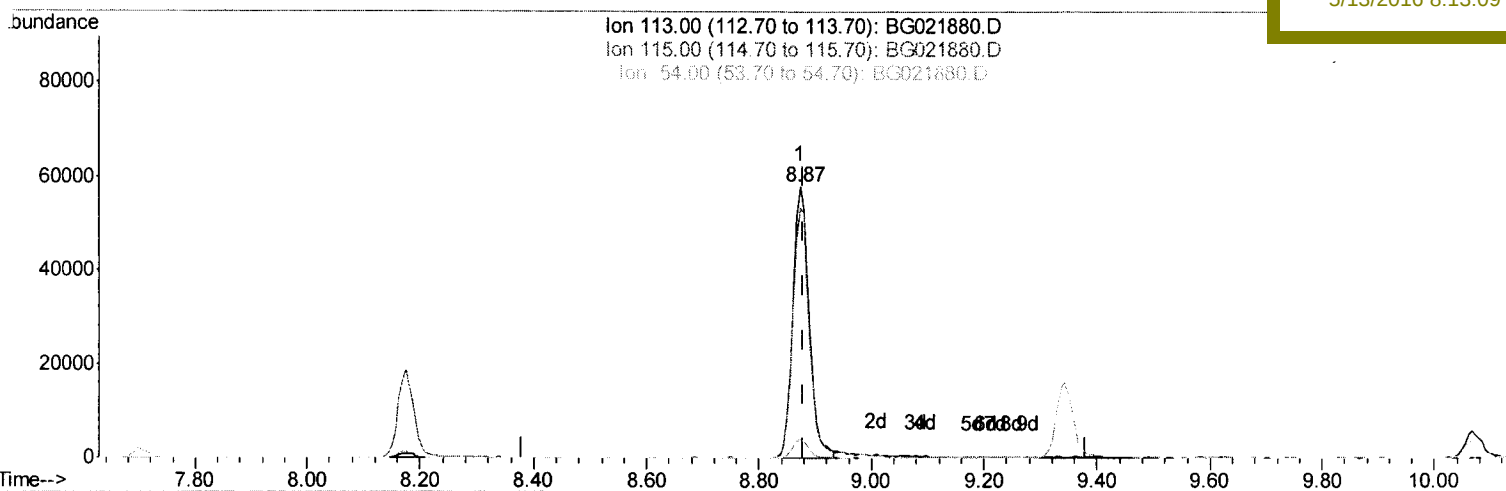
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Instrument :
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TIC: BG021880.D

(13) 4-Methylphenol-d8 (S)

8.873min (-0.006) 26.18ng/ul

response 114385

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	92.40
54.00	18.70	6.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

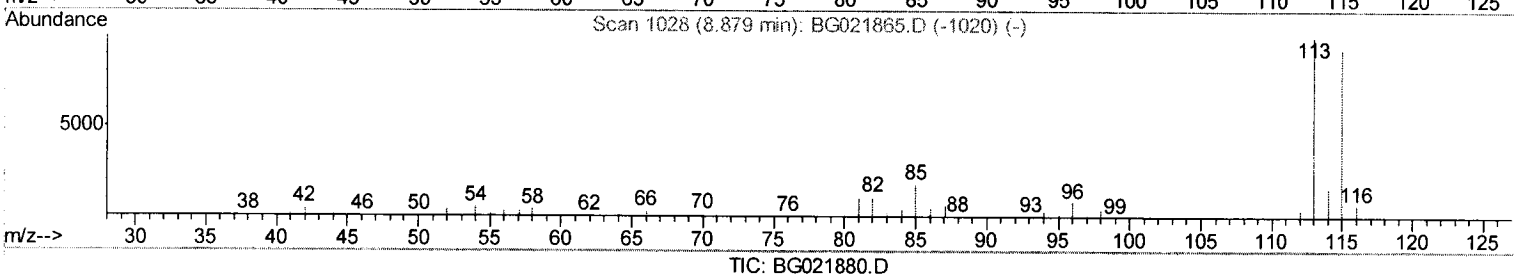
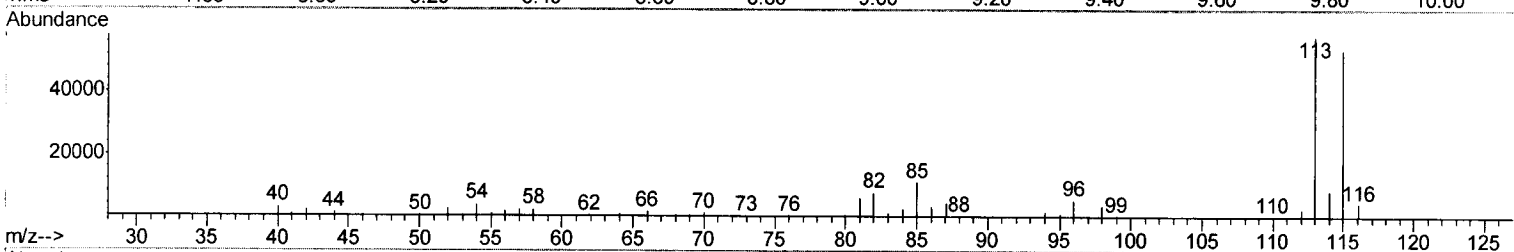
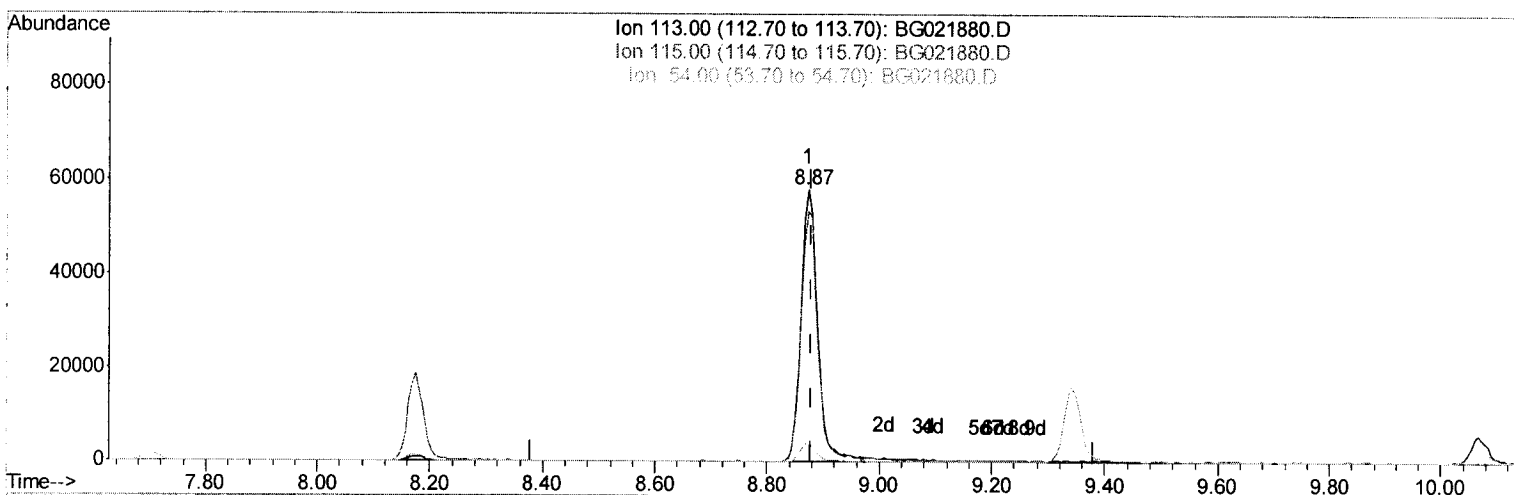
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(13) 4-Methylphenol-d8 (S)

8.873min (-0.006) 26.76ng/ul m

response 116942

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	92.40
54.00	18.70	6.70#
0.00	0.00	0.00

> U.M
 05/16/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70104	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	379667	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	233037	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	484938	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	470801	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	476004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5233	3.60	ng/uL	0.00
5) Phenol-d5	7.32	99	134667	25.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	60395	23.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	118754	29.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	116942m	26.76	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	63684	25.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	68354	43.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	127535	28.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	81044m	16.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	392992	24.01	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	524293	22.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	63792m	22.74	ng/ul	0.00
58) Fluorene-d10	15.78	176	359194	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	40327	30.02	ng/ul	0.00
71) Anthracene-d10	17.64	188	503400	21.33	ng/ul	0.00
77) Pyrene-d10	19.91	212	511816	23.22	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	495895	21.93	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	14.24	163	81901	4.91 ng/ul	98
70) Phenanthrene	17.58	178	122702	4.63 ng/ul	97
72) Anthracene	17.67	178	30574	1.14 ng/ul	98
74) Di-n-butylphthalate	18.49	149	50855	2.40 ng/ul#	96
75) Fluoranthene	19.58	202	254071	8.43 ng/ul#	95
78) Pyrene	19.94	202	227103	8.34 ng/ul	94
79) Butylbenzylphthalate	20.82	149	14585m	2.42 ng/ul	
81) Benzo(a)anthracene	21.80	228	159653	6.09 ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	171787	17.48 ng/ul	96
83) Chrysene	21.88	228	159616	6.16 ng/ul	97
86) Benzo(b)fluoranthene	24.10	252	279161	10.25 ng/ul#	94
87) Benzo(k)fluoranthene	24.15	252	108731m	3.73 ng/ul	
89) Benzo(a)pyrene	25.01	252	166418	6.14 ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.99	276	113681	3.54 ng/ul	96
91) Dibenzo(a,h)anthracene	29.03	278	36277m	1.36 ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	100840m	3.80 ng/ul	

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