

Quantitation Report (QT Reviewed)

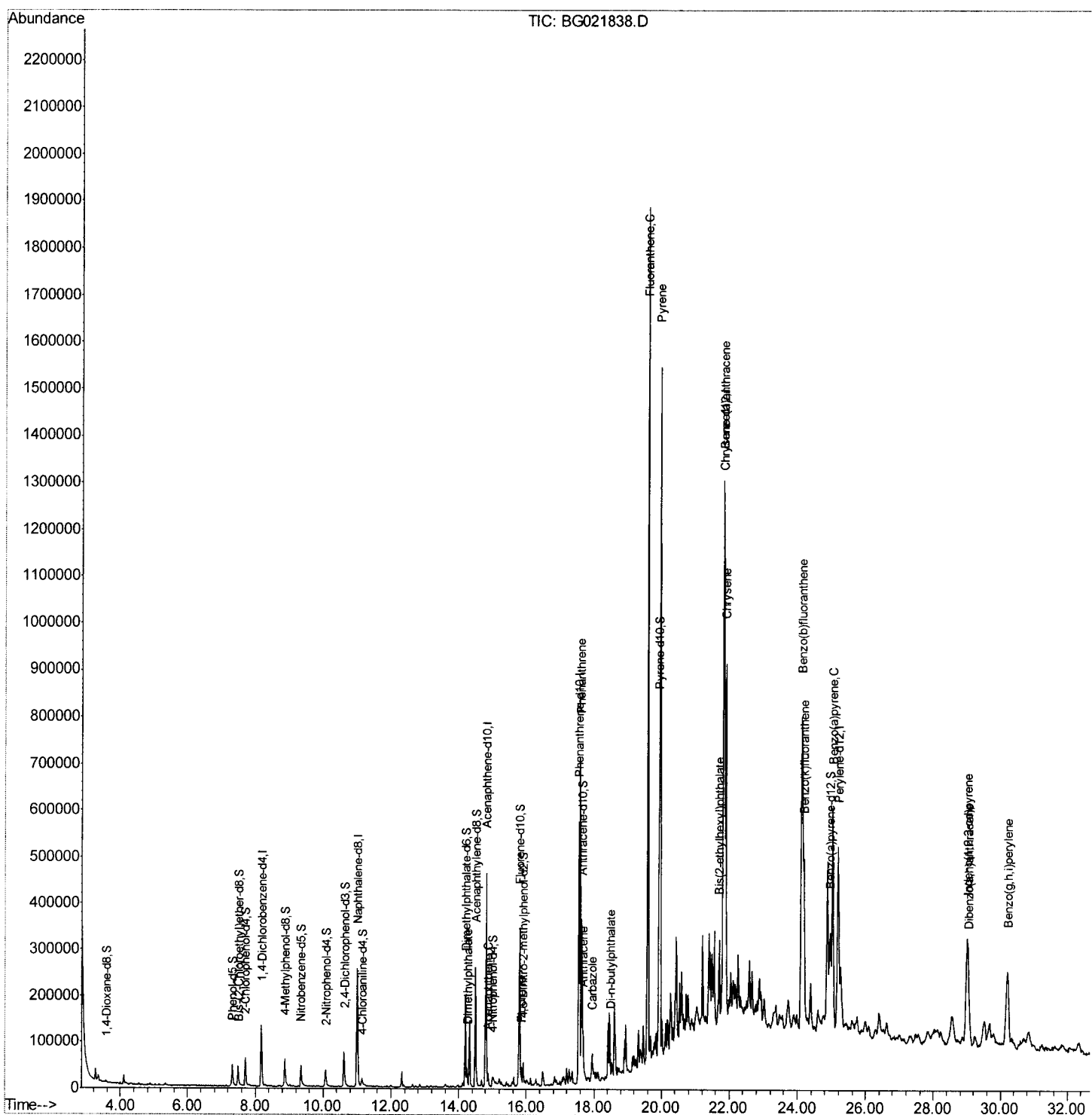
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021838.D
 Acq On : 11 May 2016 11:02
 Operator : UM/SJ
 Sample : H2938-12DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 D9XB0DL

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:25:04 PM

Quant Time: May 12 05:09:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

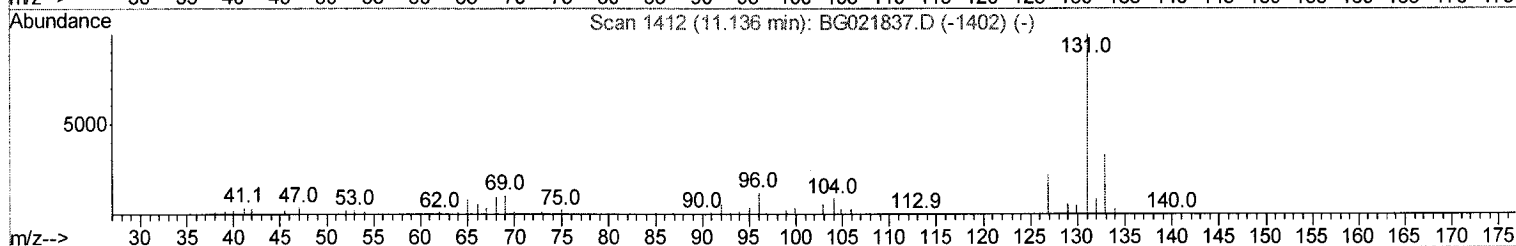
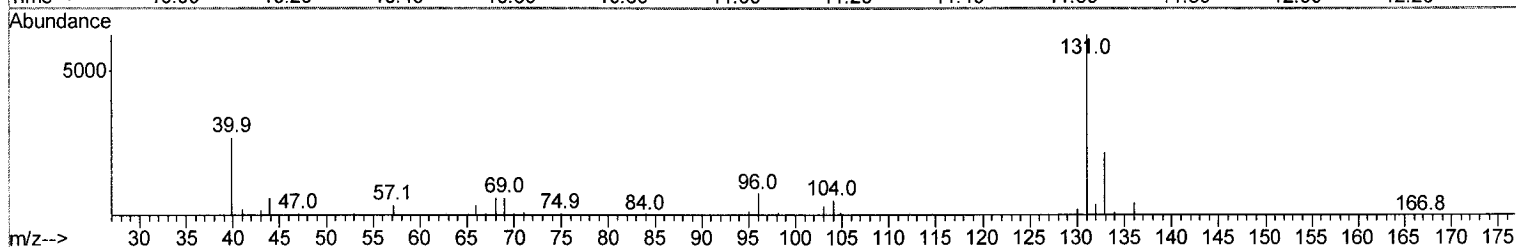
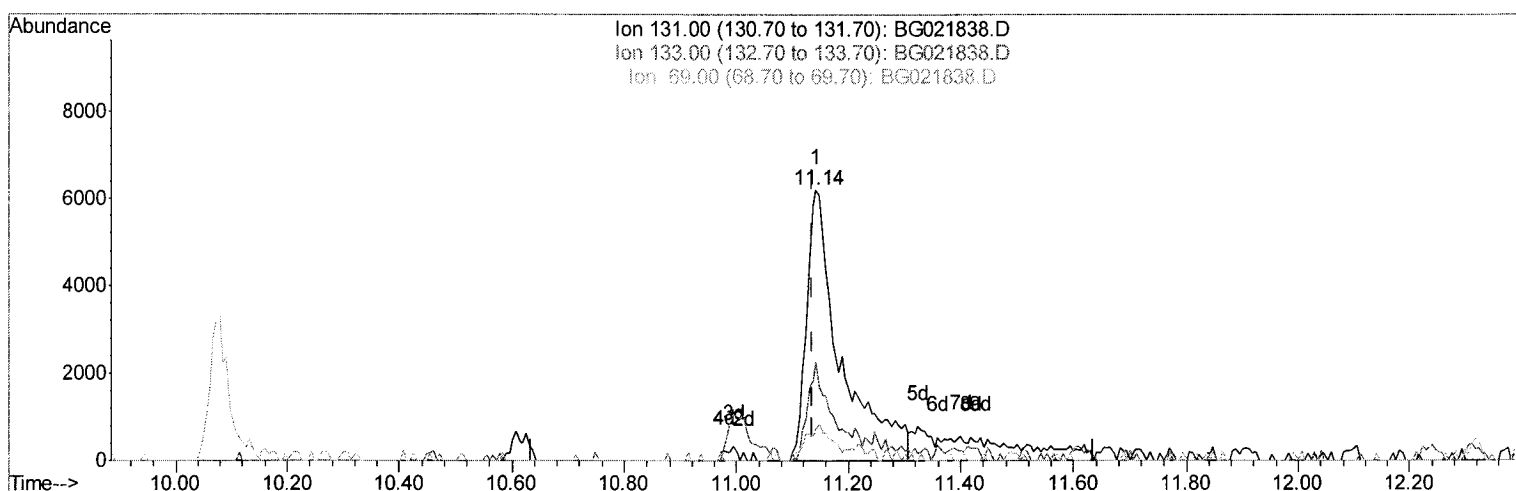
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Quant Time: May 12 04:48:08 2016
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TIC: BG021838.D

(29) 4-Chloroaniline-d4 (S)

11.142min (+0.006) 7.05ng/ul m

response 26231

Ion Exp% Act%

131.00 100 100

133.00 34.60 36.51

69.00 23.00 11.86#

0.00 0.00 0.00

U.M
 05/14/16

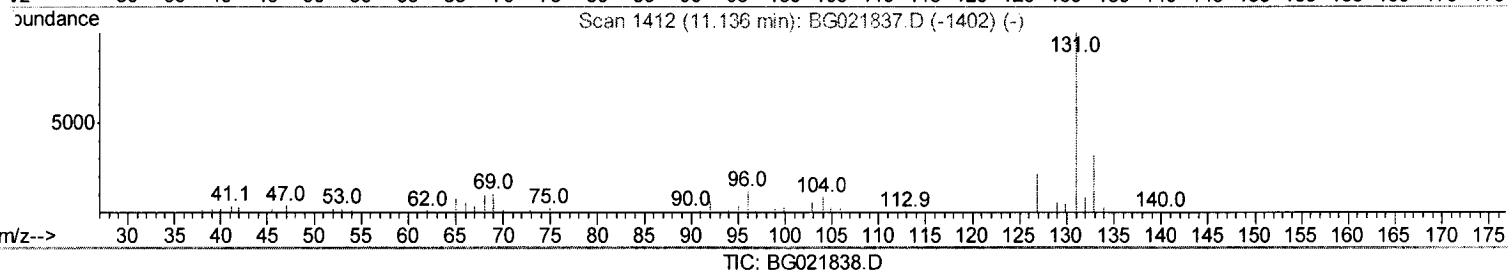
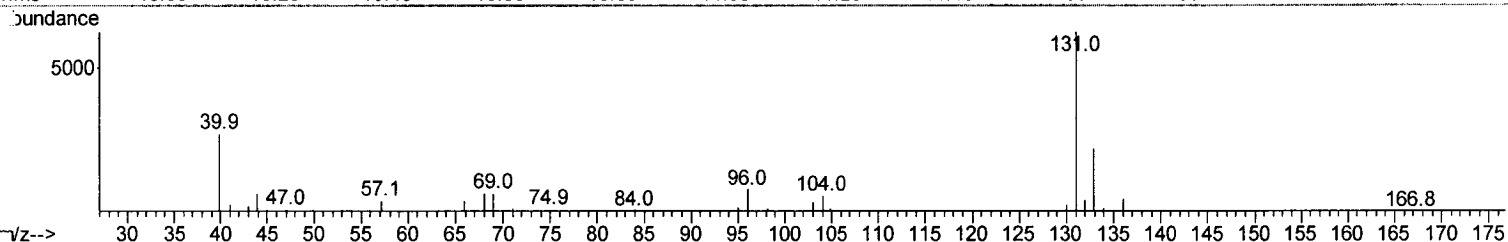
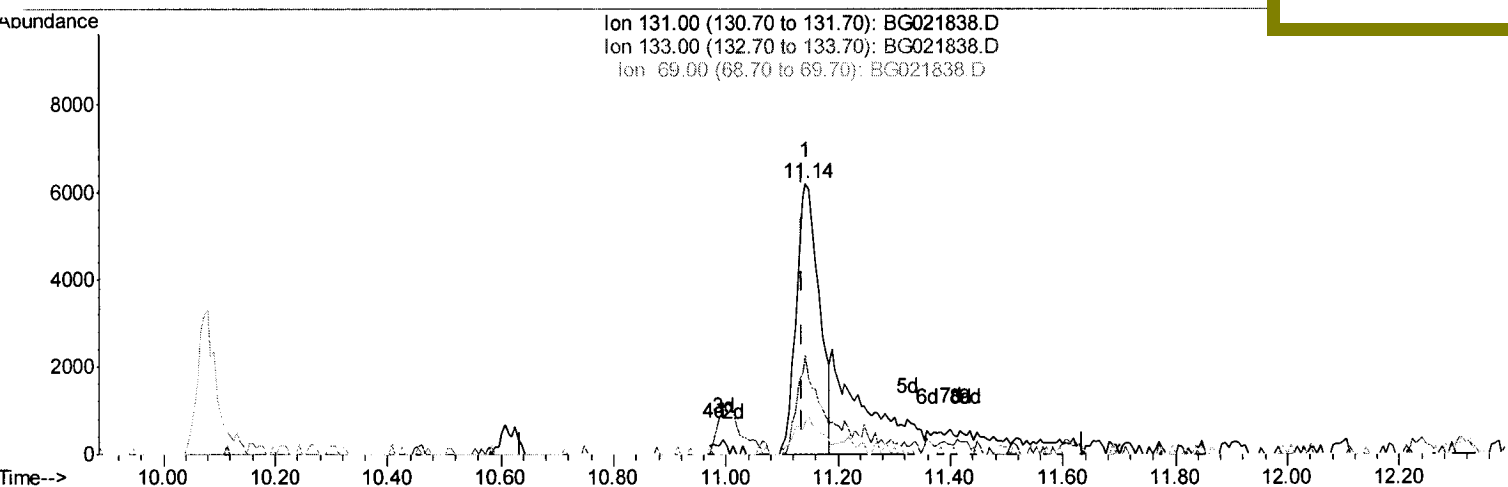
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(29) 4-Chloroaniline-d4 (S)

11.142min (+0.006) 4.70ng/ul

response 17476

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	36.51
69.00	23.00	11.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

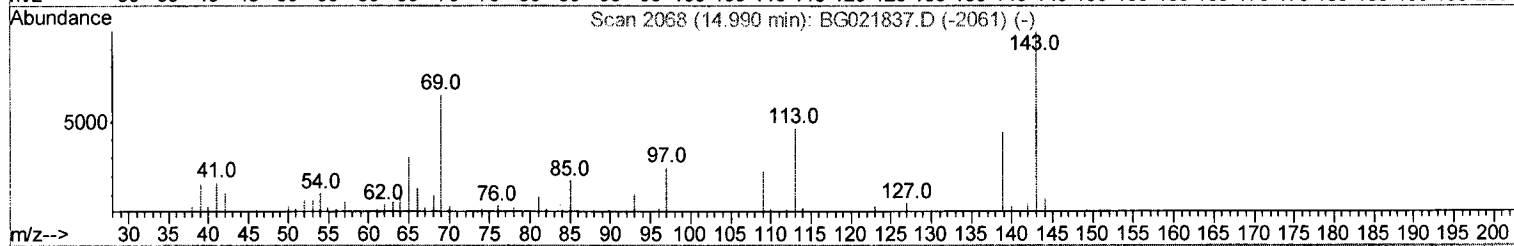
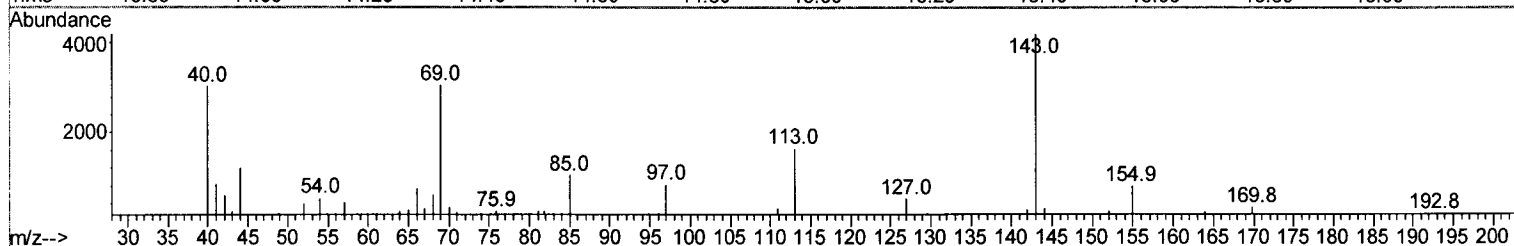
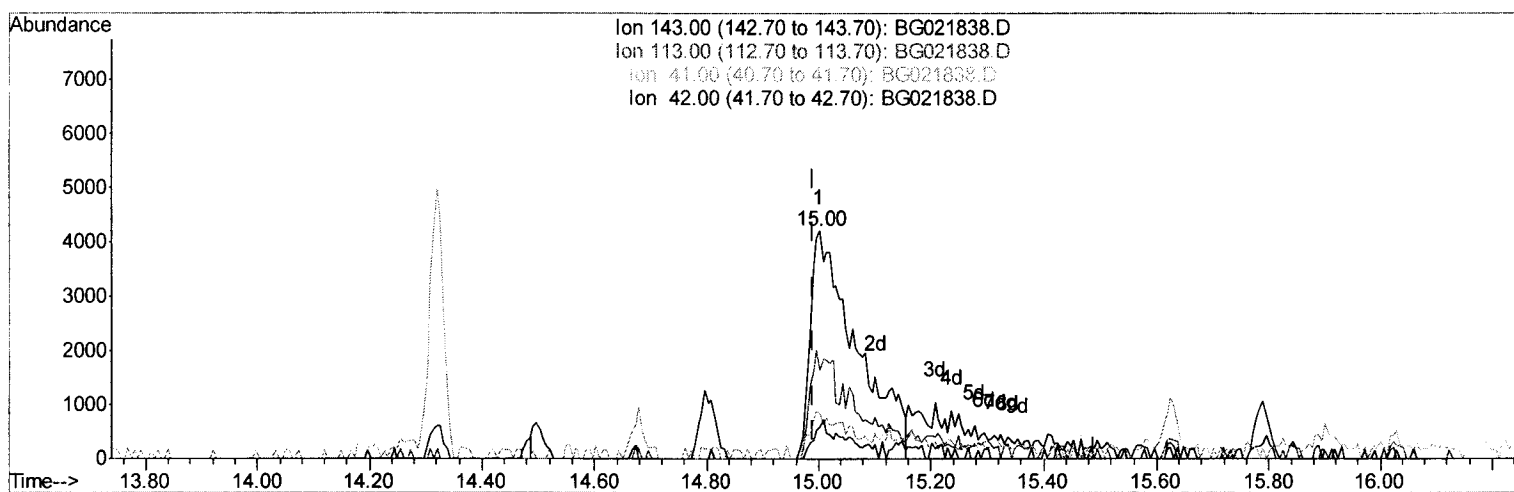
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Instrument :
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Quant Time: May 12 05:03:03 2016
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TIC: BG021838.D

(52) 4-Nitrophenol-d4 (S)

15.002min (+0.012) 10.79ng/ul m U.M
05/14/16

response 24111

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	38.93#
41.00	49.70	19.90#
42.00	33.70	14.15#

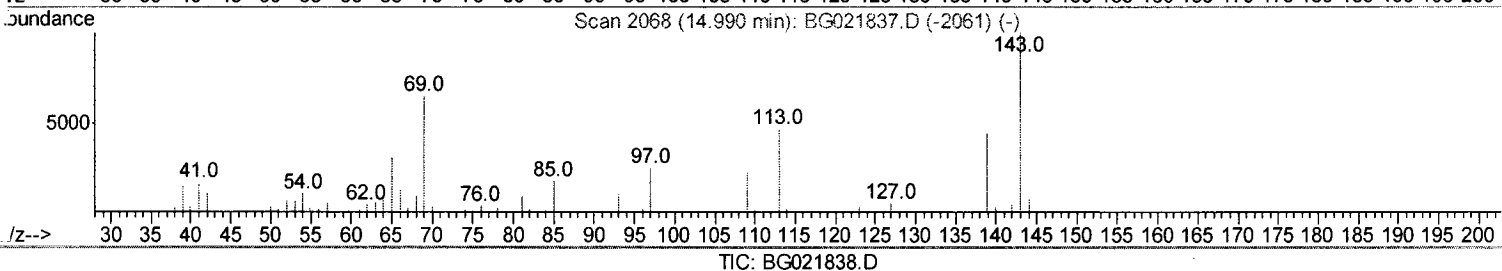
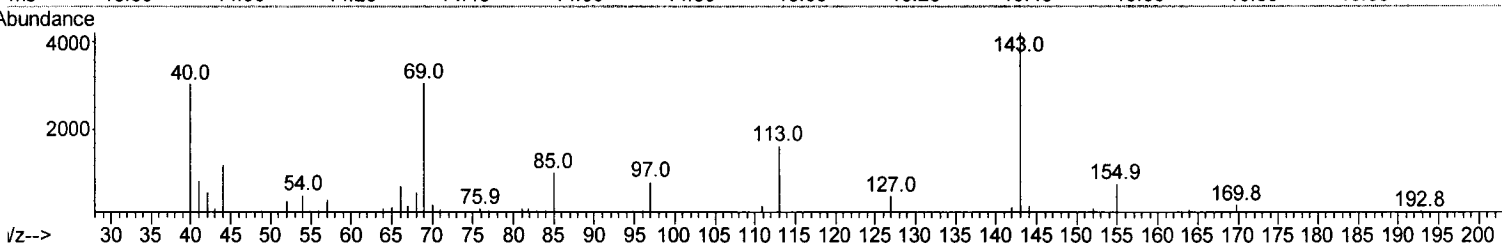
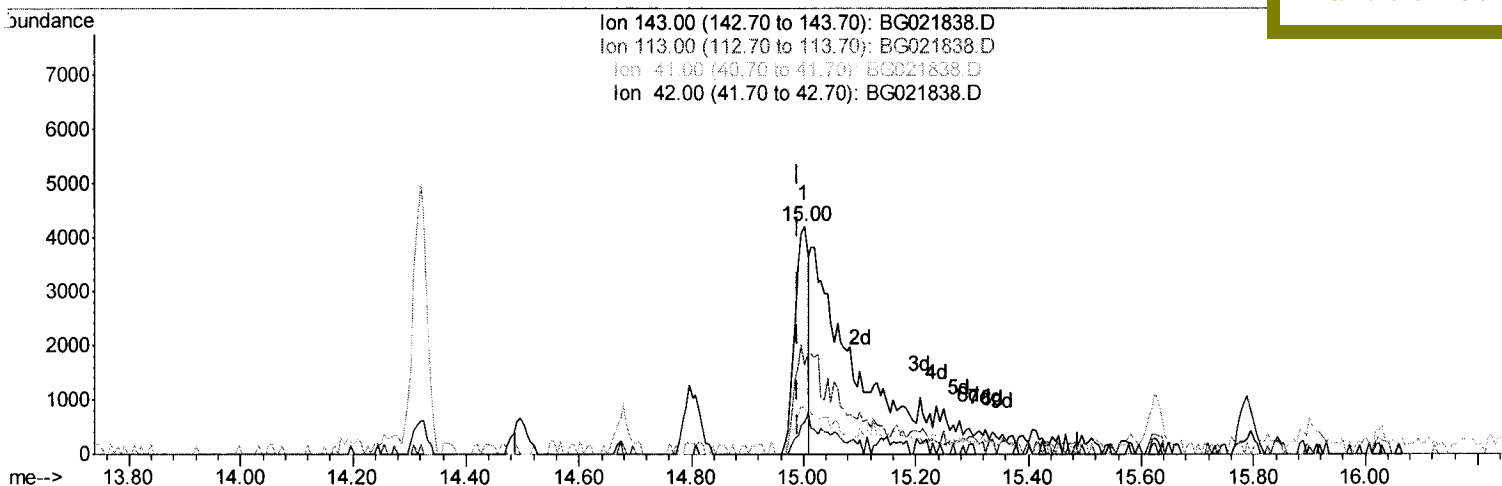
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Data File : BG021838.D
Acq On : 11 May 2016 11:02
Operator : UM/SJ
Sample : H2938-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Manual Integrations
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Quant Time: May 12 05:03:03 2016
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QLast Update : Thu May 12 04:46:15 2016
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(52) 4-Nitrophenol-d4 (S)

15.002min (+0.012) 3.11ng/ul

response 6950

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	38.93#
41.00	49.70	19.90#
42.00	33.70	14.15#

Quantitation Report (Qedit)

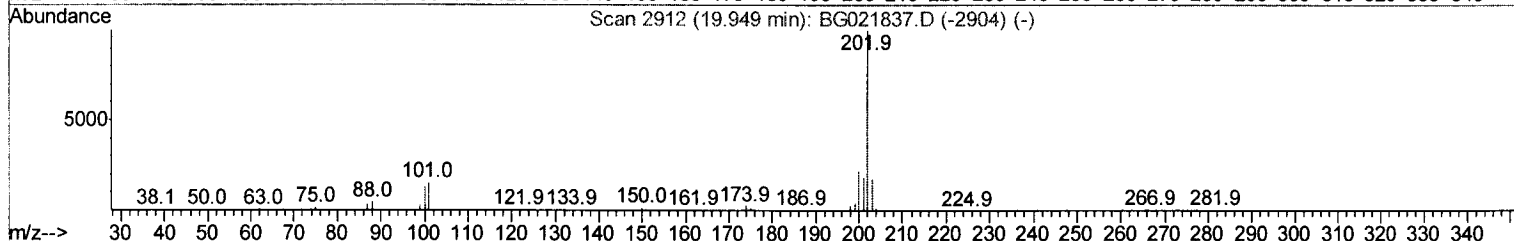
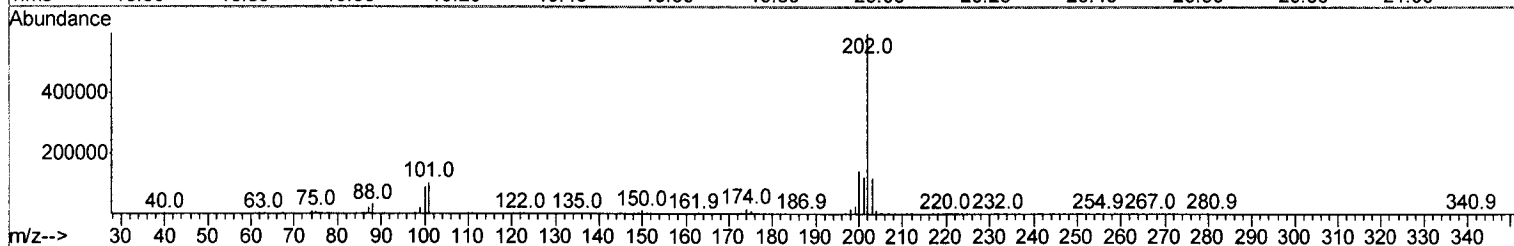
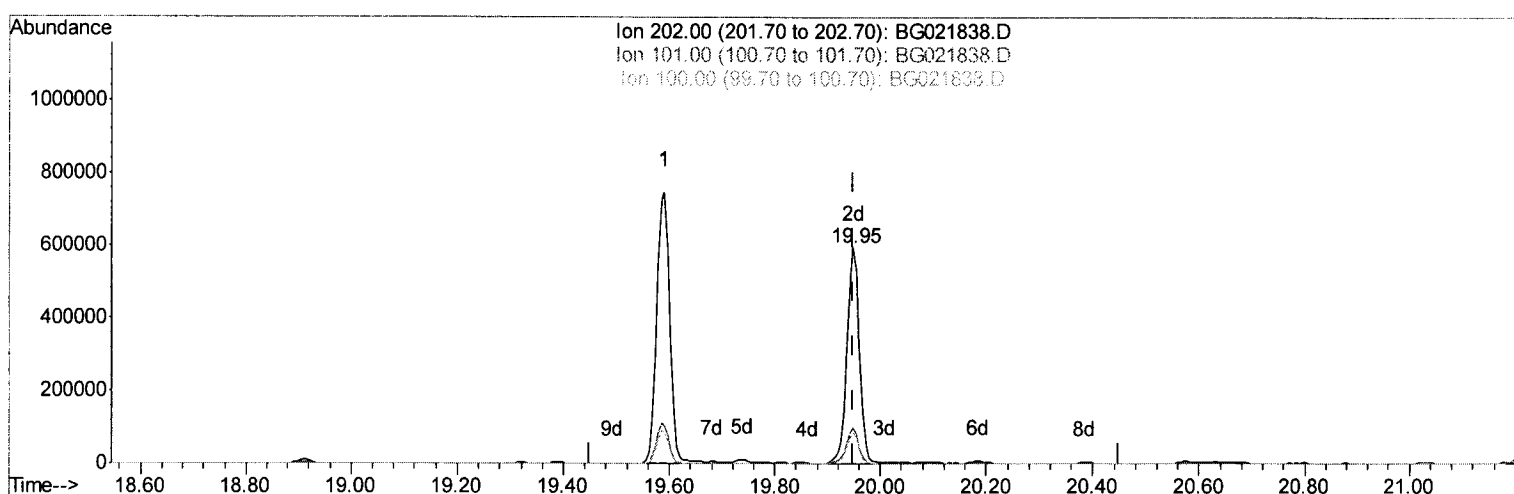
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021838.D
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 Operator : UM/SJ
 Sample : H2938-12DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0DL

Manual Integrations
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Quant Time: May 12 05:03:03 2016
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TIC: BG021838.D

(78) Pyrene

19.949min (+0.000) 39.15ng/ul m U.M

response 980066

05/14/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	17.34#
100.00	11.60	15.01#
0.00	0.00	0.00

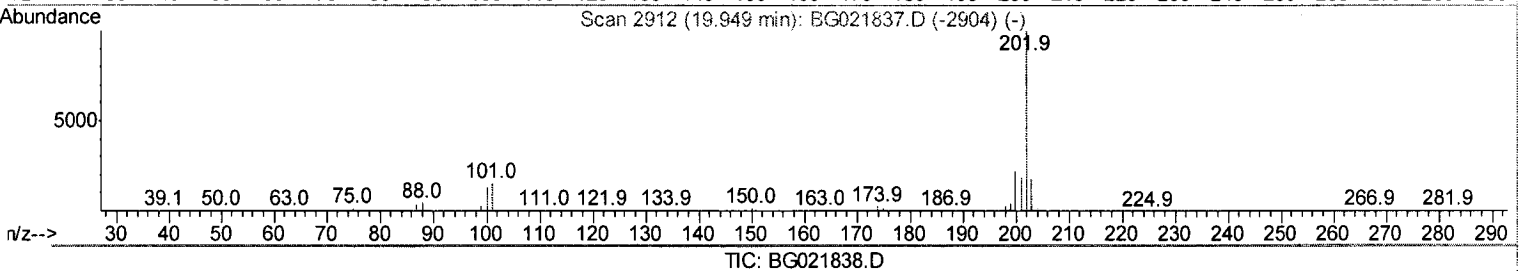
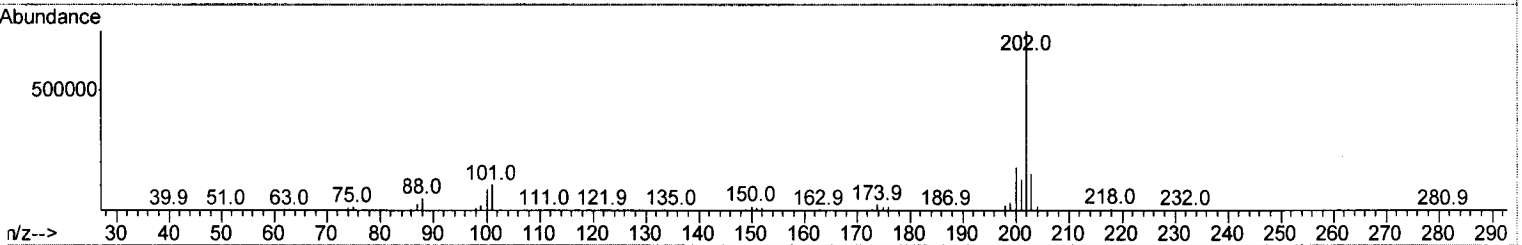
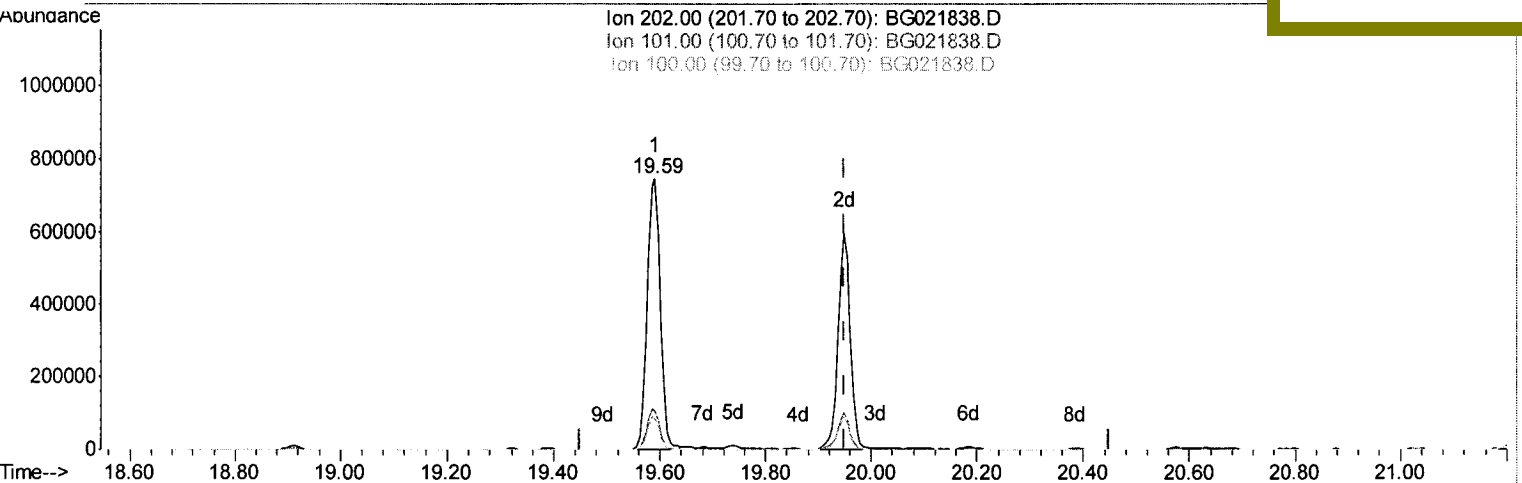
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021838.D
Acq On : 11 May 2016 11:02
Operator : UM/SJ
Sample : H2938-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Quant Time: May 12 05:03:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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Manual Integrations
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(78) Pyrene

19.591min (-0.358) 51.00ng/ul

response 1276787

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.30
100.00	11.60	11.40
0.00	0.00	0.00

Quantitation Report (Qedit)

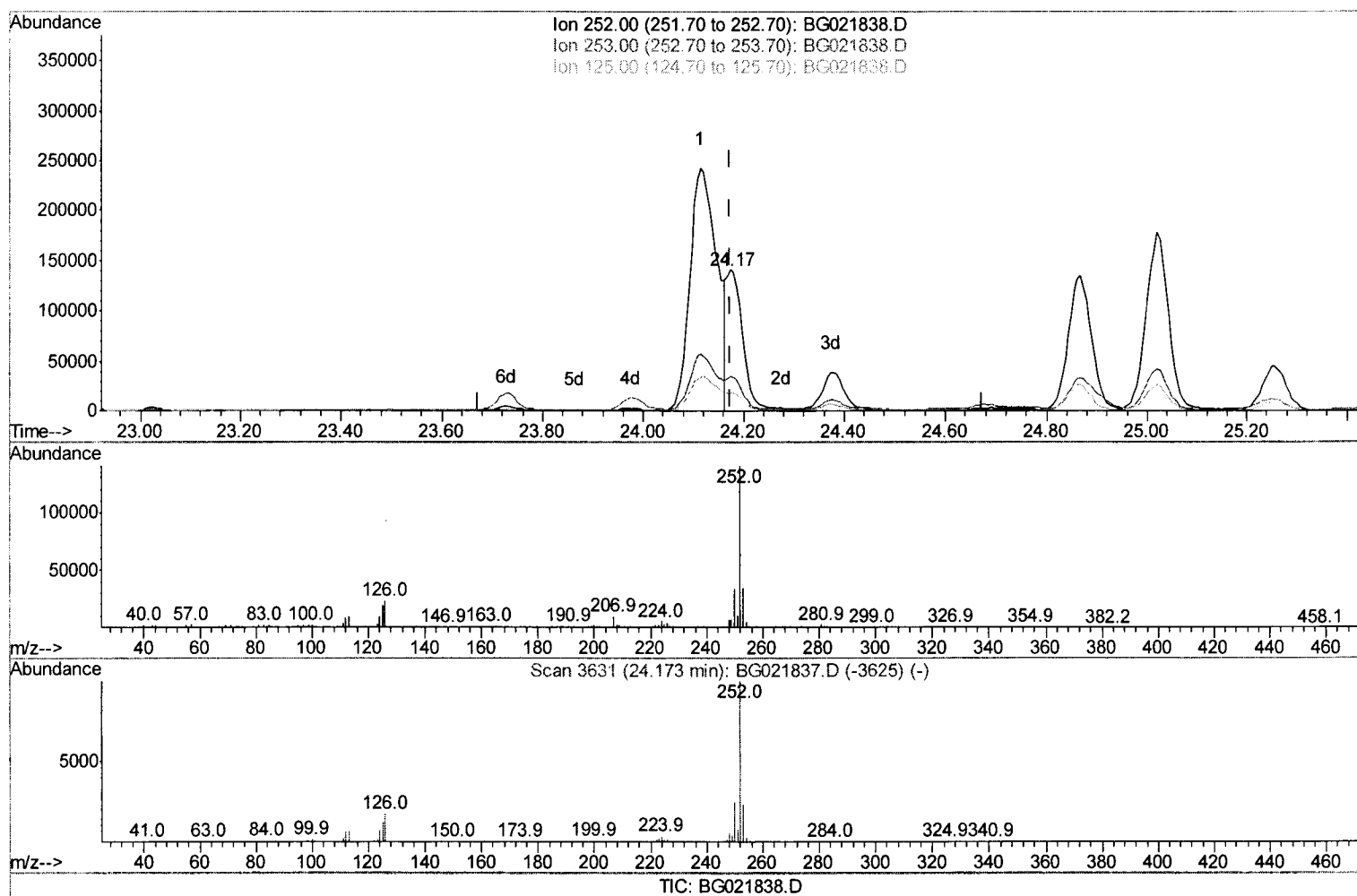
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021838.D
 Acq On : 11 May 2016 11:02
 Operator : UM/SJ
 Sample : H2938-12DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 D9XB0DL

Manual Integrations
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Quant Time: May 12 05:05:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration



(87) Benzo(k)fluoranthene

24.174min (+0.000) 11.64ng/ul m U.M
 response 308174 05/14/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.84
125.00	9.60	13.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

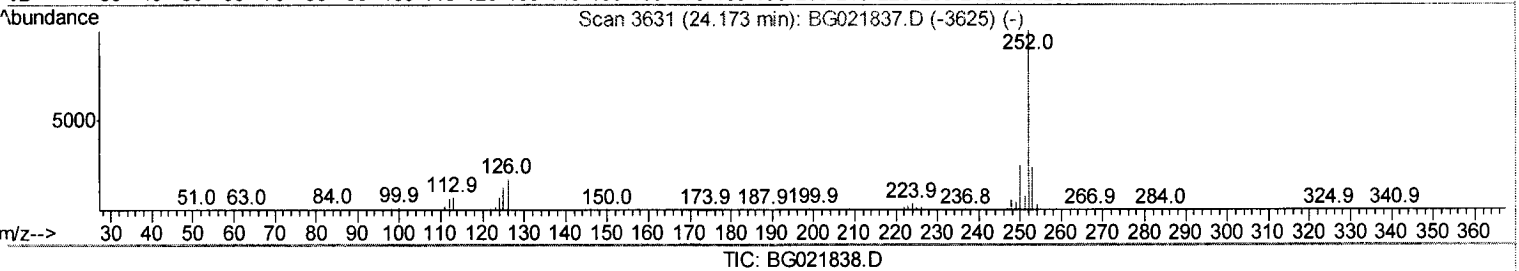
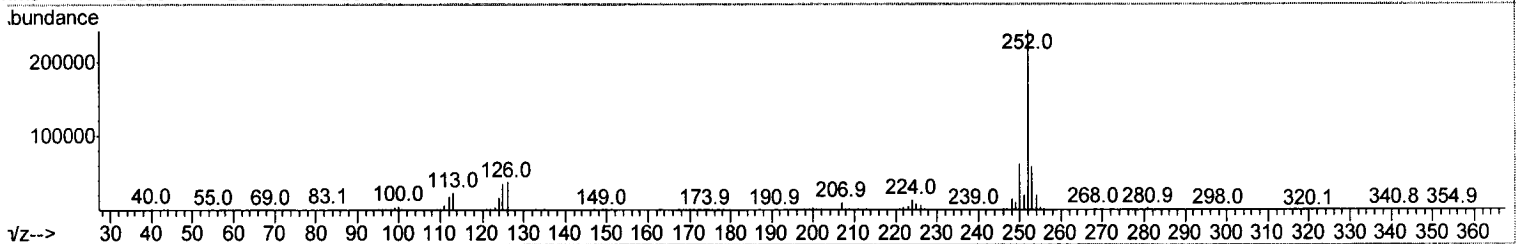
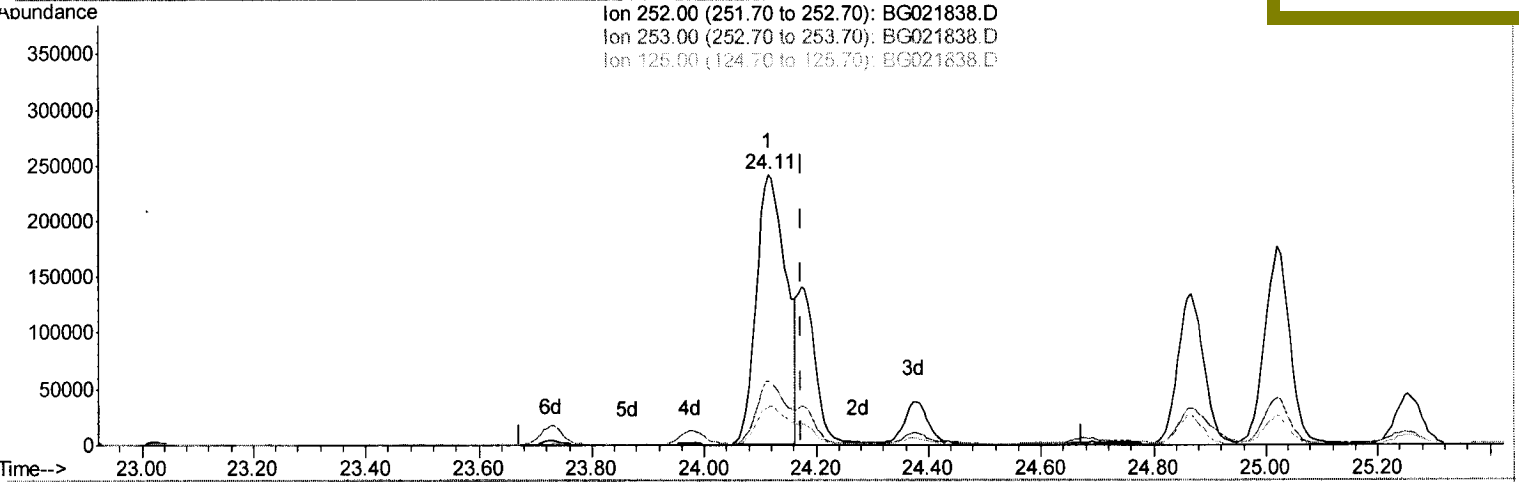
Data Path : Z:\HPCHEM1\BNA G\DATA\BG0511116\
 Data File : BG021838.D
 Acq On : 11 May 2016 11:02
 Operator : UM/SJ
 Sample : H2938-12DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0DL

Quant Time: May 12 05:05:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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 5/12/2016 7:25:04 PM



(87) Benzo(k)fluoranthene

24.115min (-0.058) 33.92ng/ul

response 897835

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.86
125.00	9.60	14.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

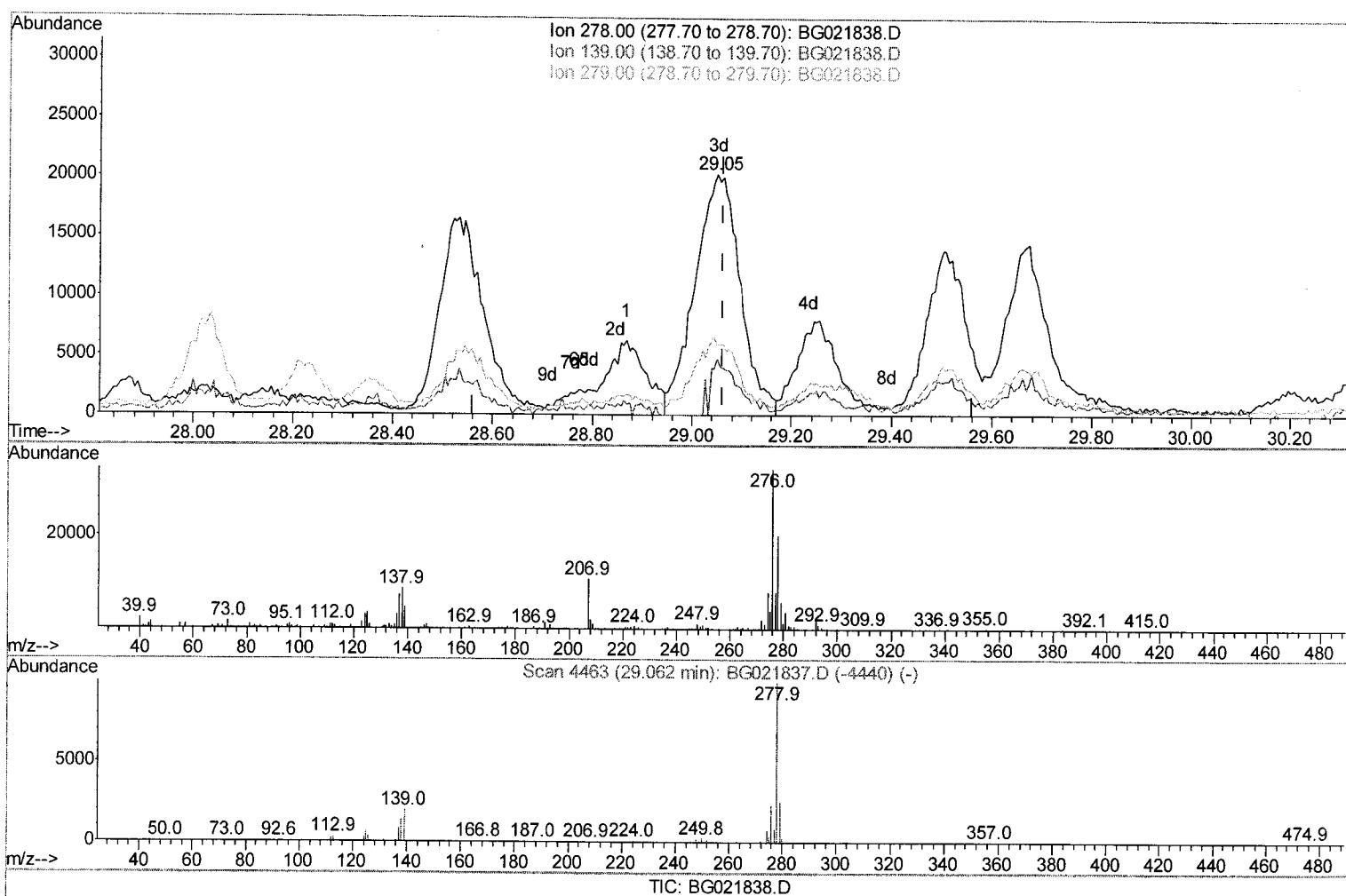
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
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Acq On : 11 May 2016 11:02
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Sample : H2938-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB0DL

Manual Integrations
APPROVED

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Quant Time: May 12 05:06:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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(91) Dibenzo(a,h)anthracene

29.050min (-0.011) 5.28ng/ul m

response 128221

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	23.27#
279.00	24.80	29.07
0.00	0.00	0.00

U.M
05/14/16

Quantitation Report (Qedit)

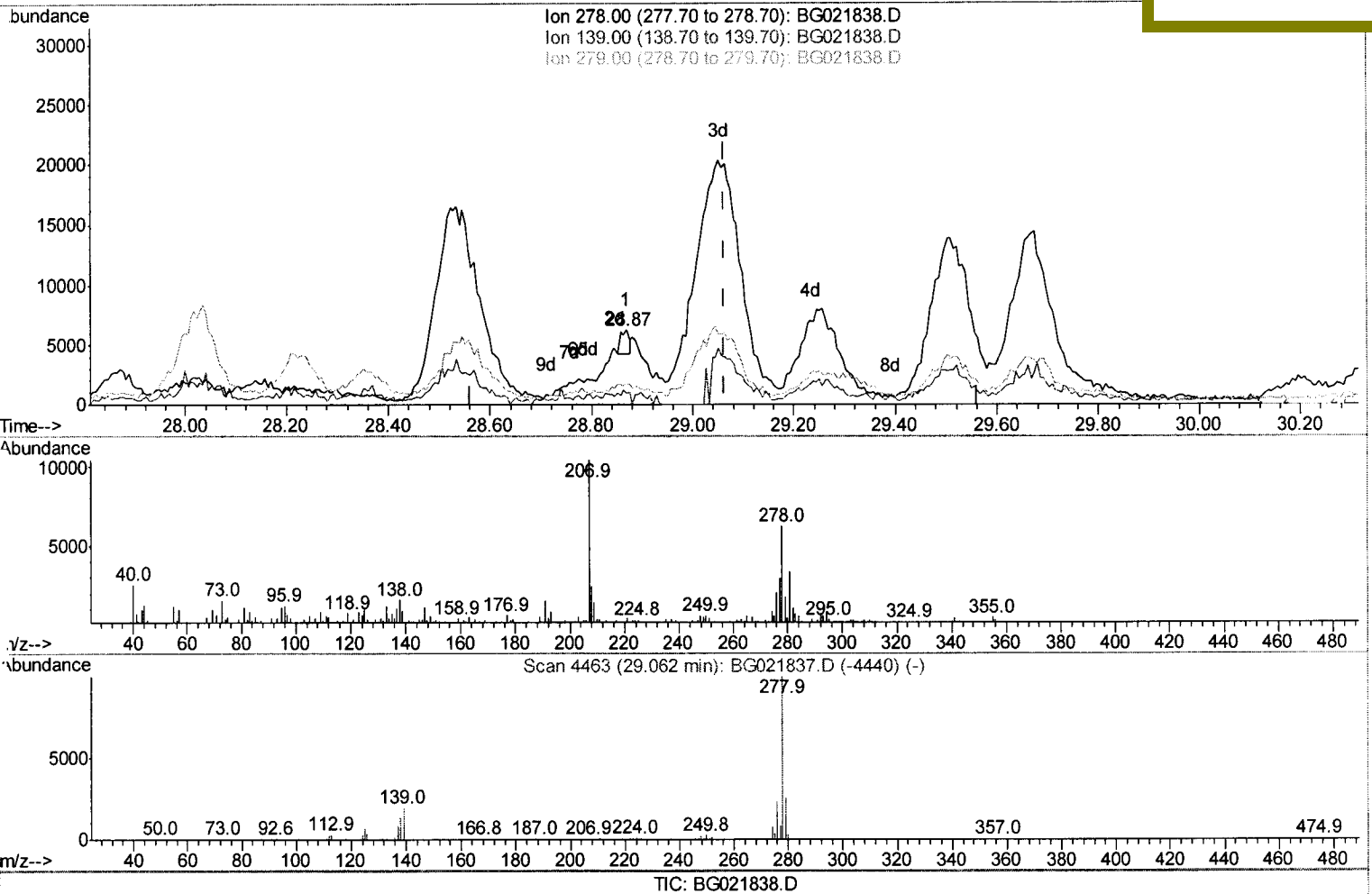
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ClientSampleId :
 D9XB0DL

Manual Integrations
APPROVED

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Quant Time: May 12 05:06:51 2016
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(91) Dibenzo(a,h)anthracene

28.868min (-0.194) 0.09ng/ul

response 2304

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	14.69
279.00	24.80	28.09
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56969	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	293966	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	185558	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	409588	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	432693	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	432004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	2639	2.24	ng/uL	0.00
5) Phenol-d5	7.33	99	50390	11.92	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.50	67	24471	11.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	48058	14.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	38989	10.98	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	22003	11.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23749	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	45722	13.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	26231m	7.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	181740	13.94	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	234771	12.69	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	24111m	10.79	ng/ul	0.01
58) Fluorene-d10	15.79	176	165917	12.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	18370	16.19	ng/ul	0.00
71) Anthracene-d10	17.64	188	255877	12.83	ng/ul	0.00
77) Pyrene-d10	19.92	212	266778	13.17	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	246262	12.00	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.24	163	31695	2.39 ng/ul	98
50) Acenaphthene	14.87	153	13580	1.03 ng/ul	92
59) Fluorene	15.85	166	17576	1.15 ng/ul	98
70) Phenanthrene	17.59	178	508551	22.71 ng/ul	97
72) Anthracene	17.68	178	66684	2.93 ng/ul	98
73) Carbazole	17.95	167	59711	3.03 ng/ul#	96
74) Di-n-butylphthalate	18.49	149	27109	1.51 ng/ul#	94
75) Fluoranthene	19.59	202	1276787	50.18 ng/ul#	92
78) Pvrene	19.95	202	980066m	39.15 ng/ul	
81) Benzo(a)anthracene	21.81	228	585705	24.32 ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	73486	8.13 ng/ul	95
83) Chrysene	21.88	228	600519	25.21 ng/ul	95
86) Benzo(b)fluoranthene	24.11	252	897835	36.31 ng/ul#	94
87) Benzo(k)fluoranthene	24.17	252	308174m	11.64 ng/ul	
89) Benzo(a)pyrene	25.02	252	547461	22.24 ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.02	276	422498	14.48 ng/ul#	93
91) Dibenzo(a,h)anthracene	29.05	278	128221m	5.28 ng/ul	
92) Benzo(a,h,i)perylene	30.20	276	333903	13.87 ng/ul#	92

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