

Quantitation Report (QT Reviewed)

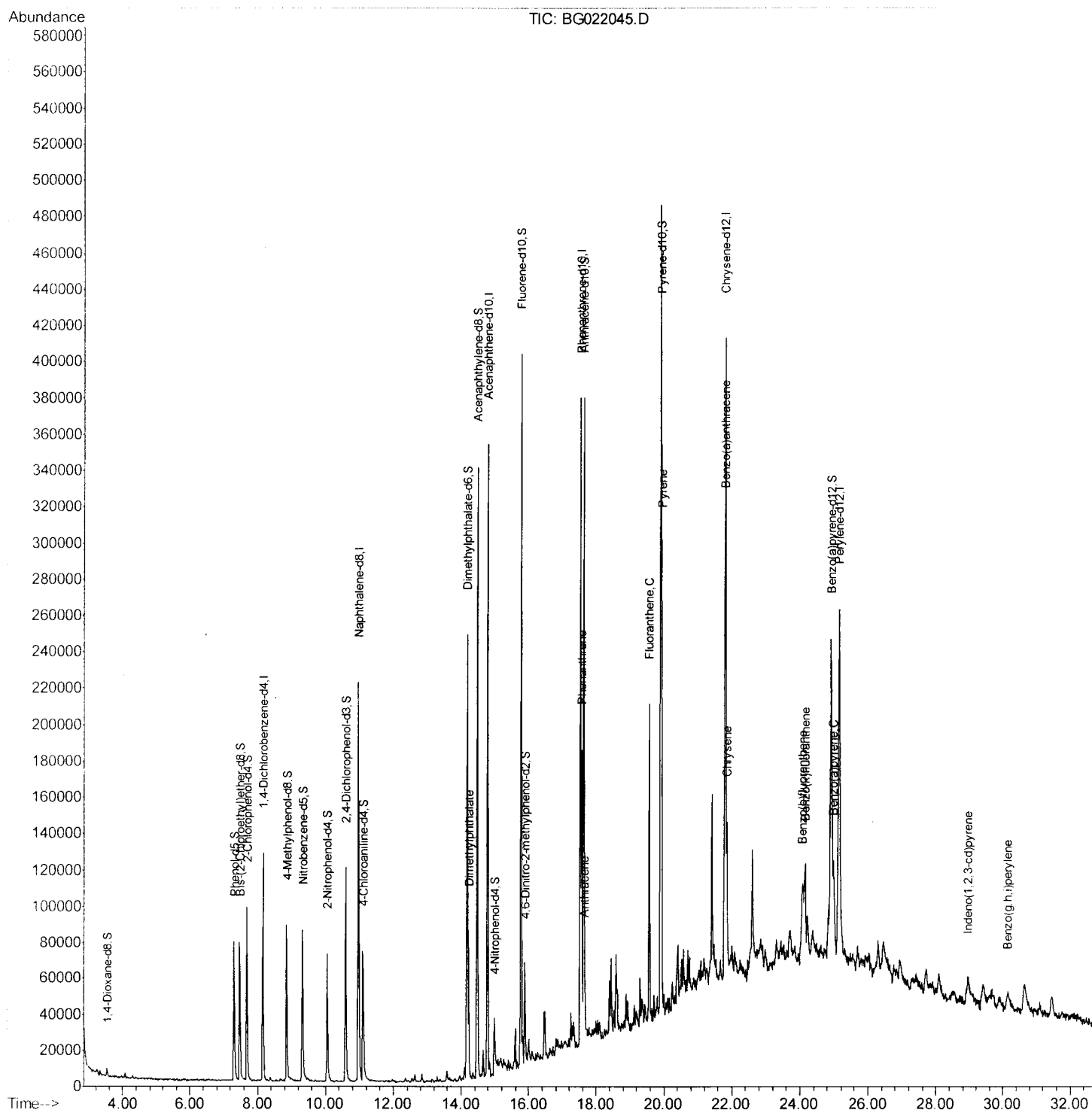
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
 Data File : BG022045.D
 Acq On : 23 May 2016 13:17
 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 JHGF6

Manual Integrations
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Quant Time: May 24 07:33:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:44:46 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

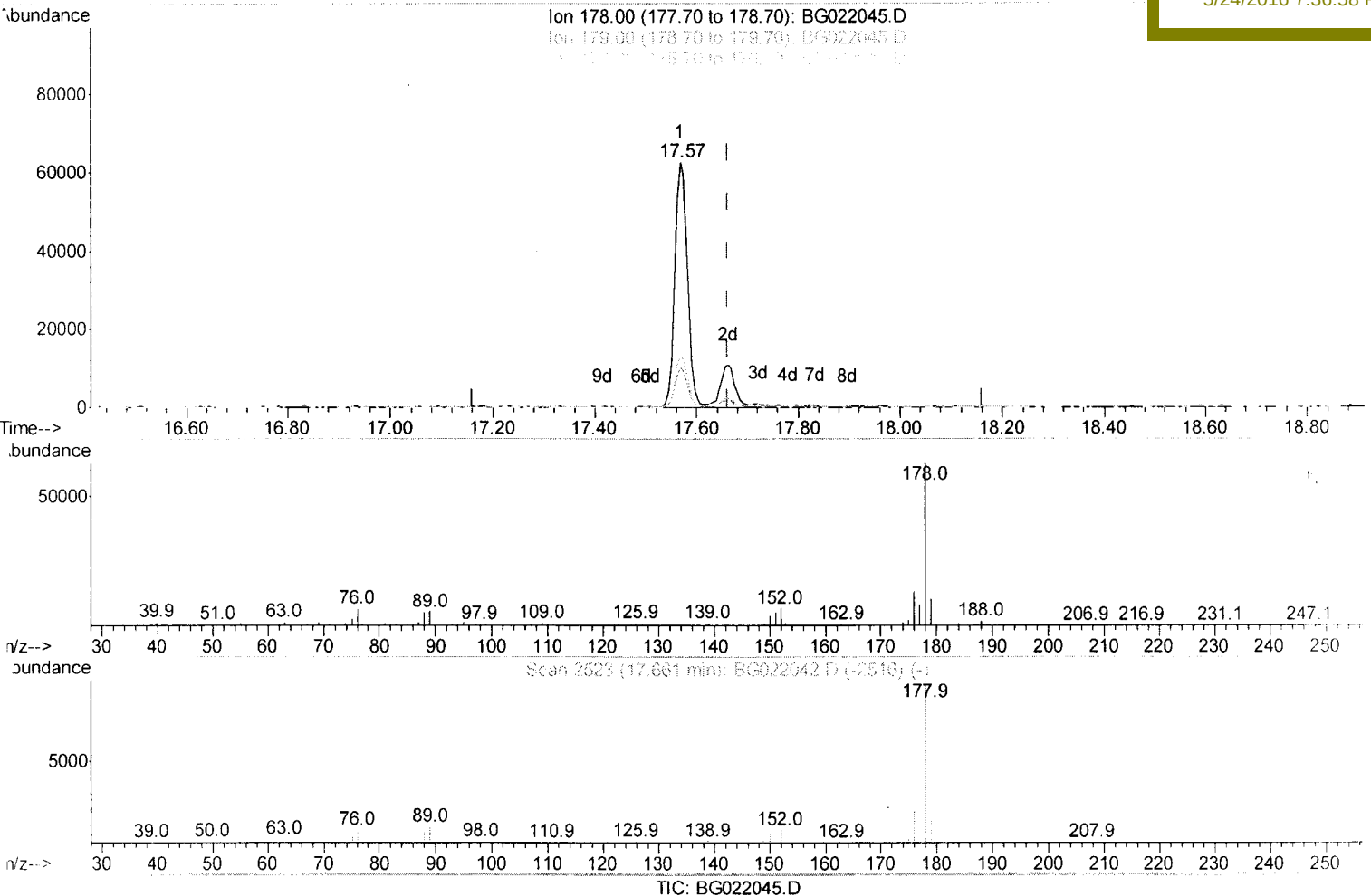
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022045.D
Acq On : 23 May 2016 13:17
Operator : UM/SJ
Sample : H3086-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 24 07:33:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
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ClientSampleId :
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Manual Integrations
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(71) Anthracene

17.568min (-0.093) 7.92ng/ul

response 107284

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.41
176.00	20.40	21.23
0.00	0.00	0.00

Quantitation Report (Qedit)

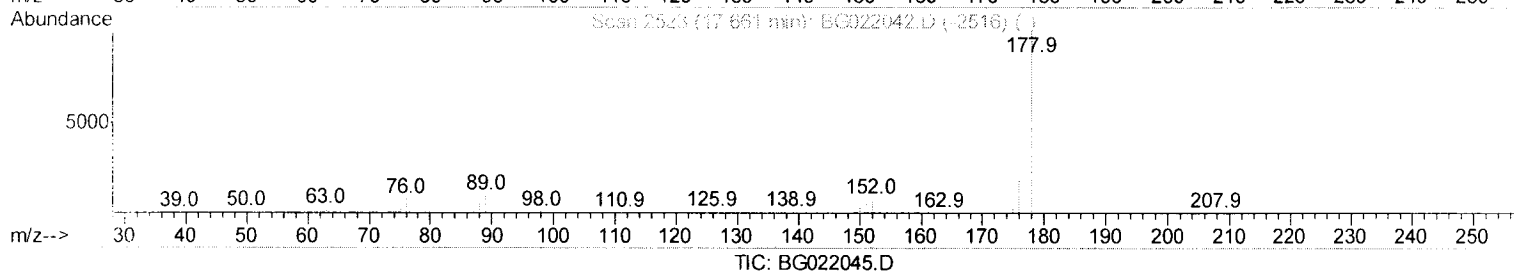
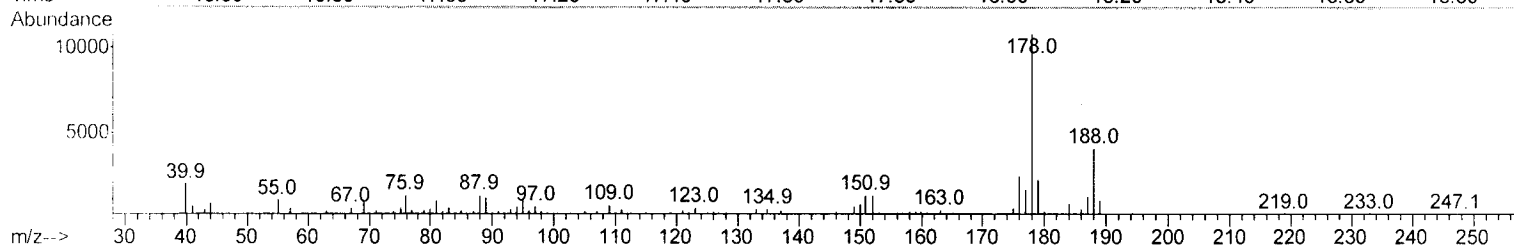
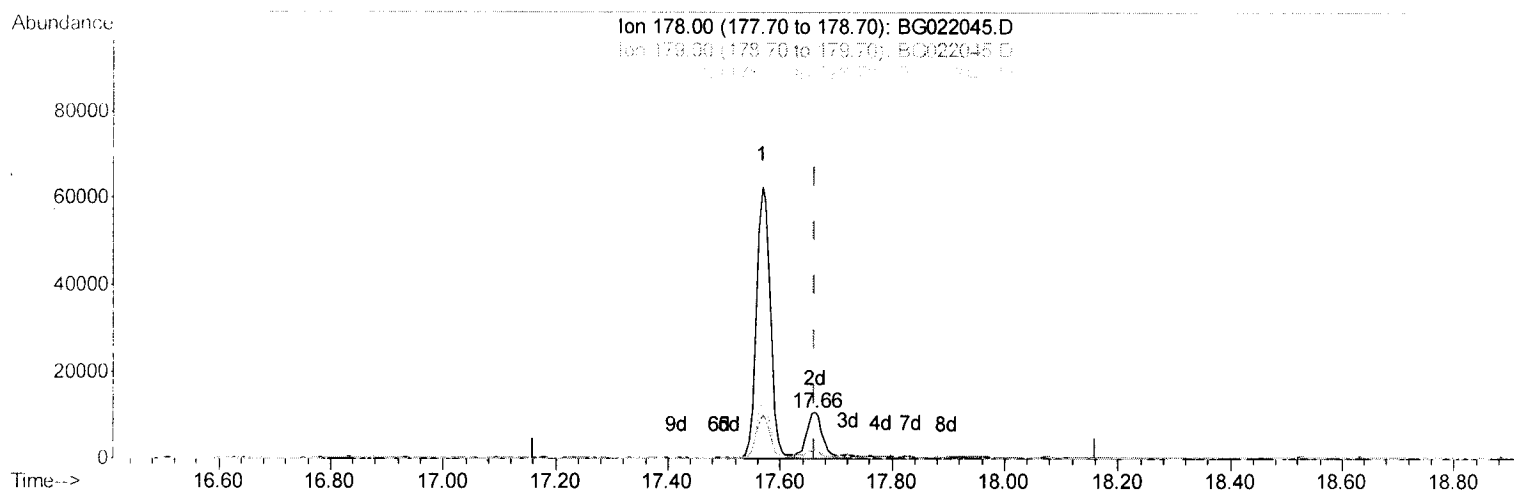
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
 Data File : BG022045.D
 Acq On : 23 May 2016 13:17
 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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(71) Anthracene

17.662min (+0.001) 1.60ng/ul m

response 21695

u.m.
0.512516

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	20.31#
176.00	20.40	22.17
0.00	0.00	0.00

Quantitation Report (Qedit)

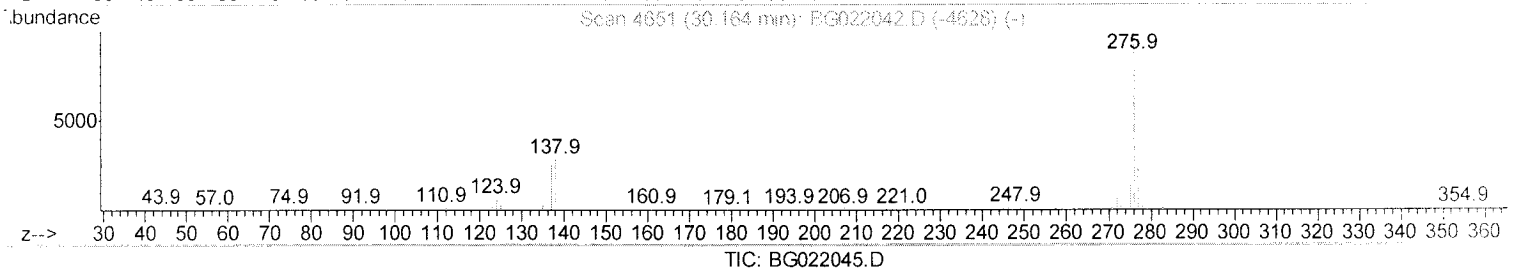
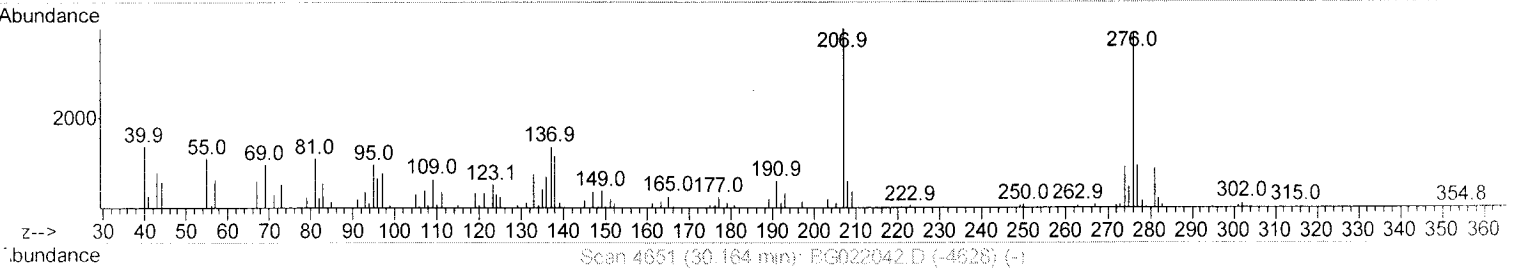
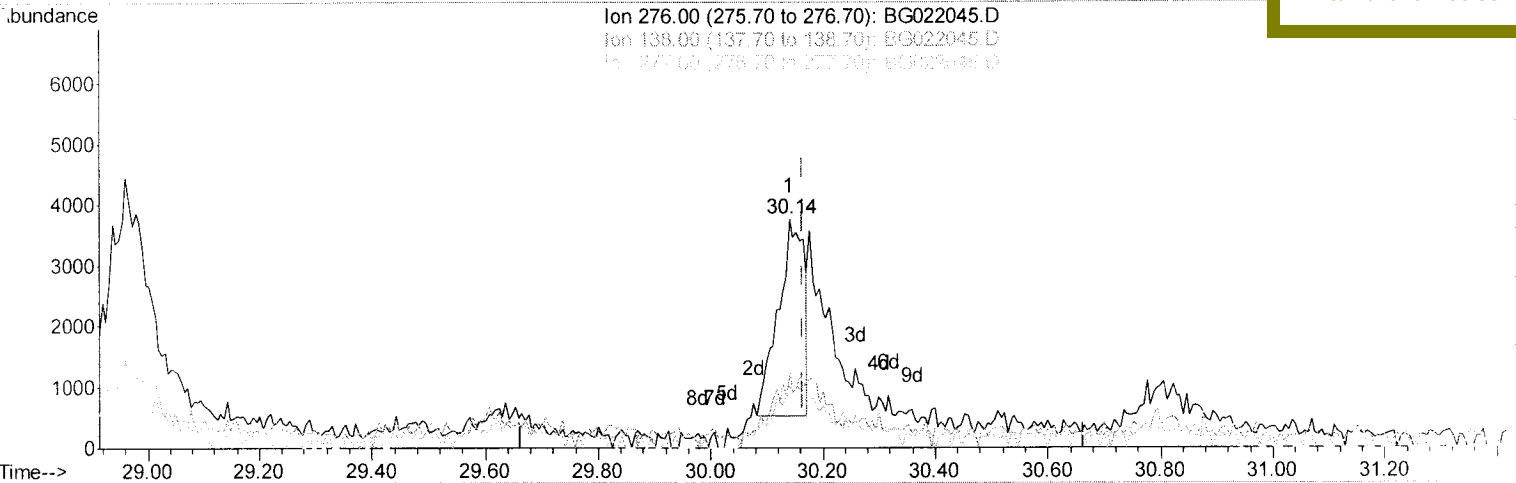
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022045.D
Acq On : 23 May 2016 13:17
Operator : UM/SJ
Sample : H3086-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 24 06:00:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
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(91) Benzo(g,h,i)perylene

30.141min (-0.023) 0.99ng/ul

response 10236

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	32.30
277.00	21.20	26.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

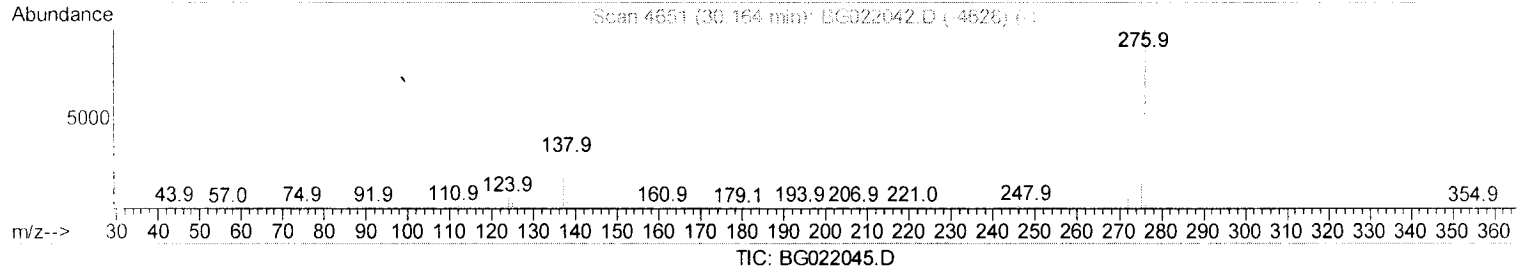
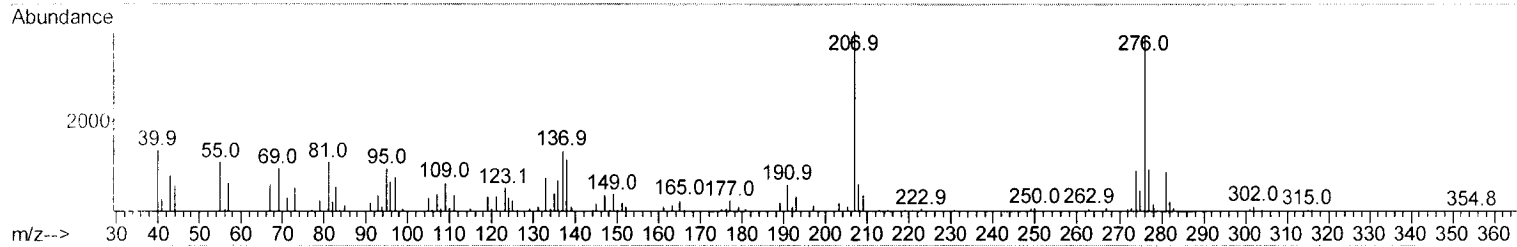
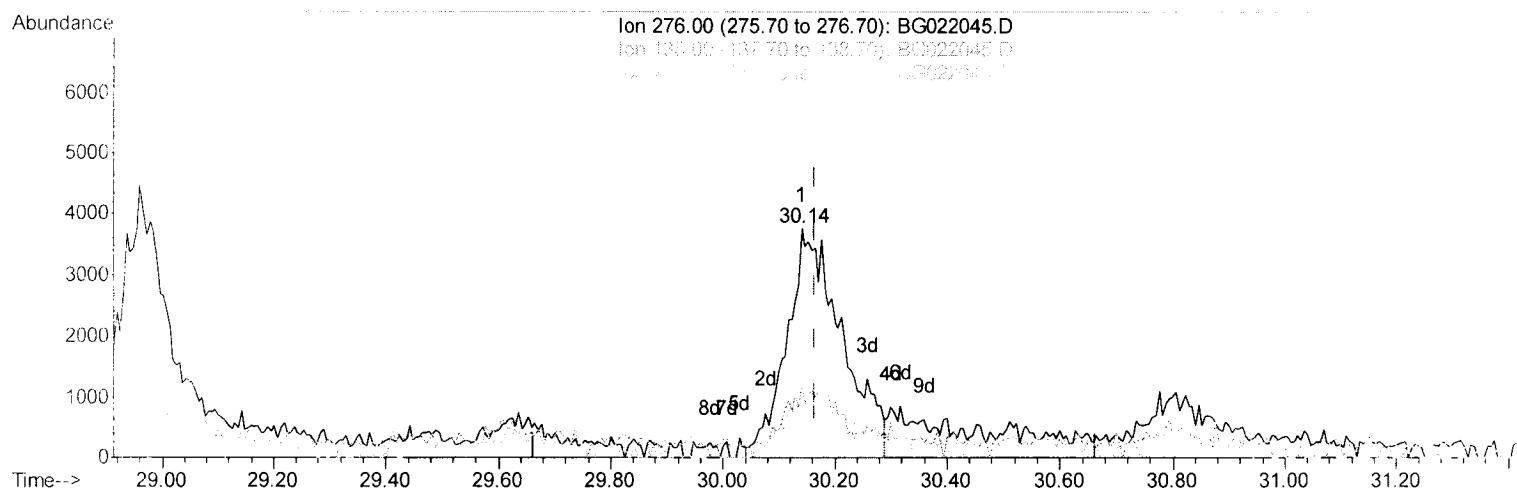
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
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 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

30.141min (-0.023) 2.49ng/ul m

response 25704

0.1m'
 05/25/16

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	32.30
277.00	21.20	26.83#
0.00	0.00	0.00

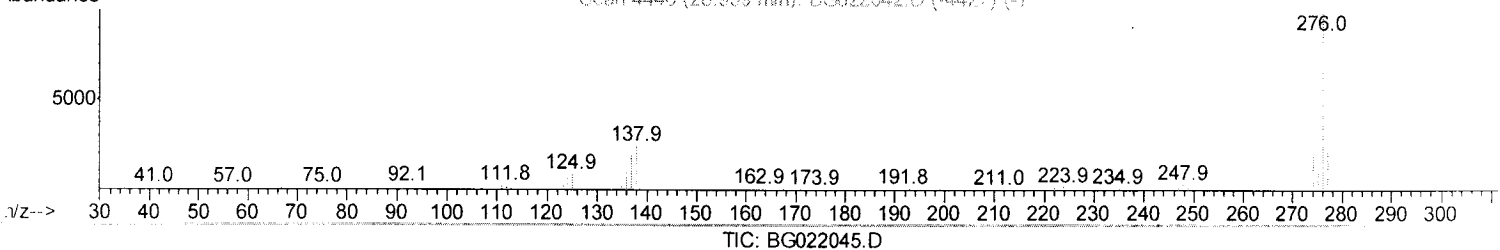
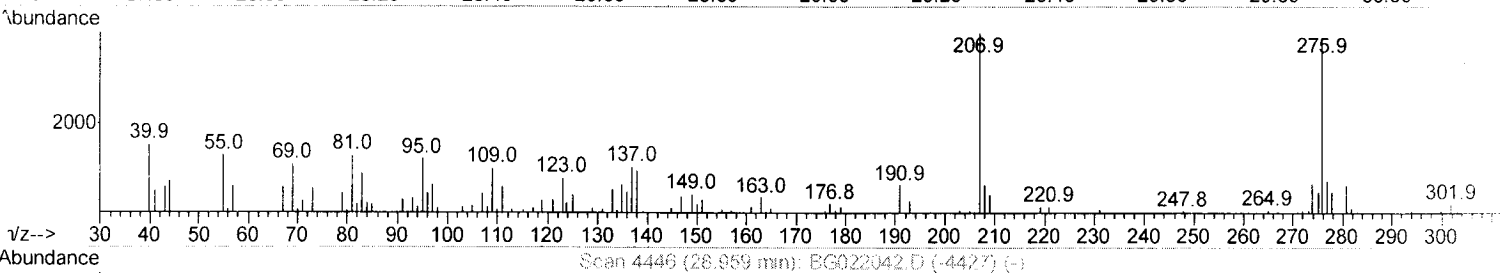
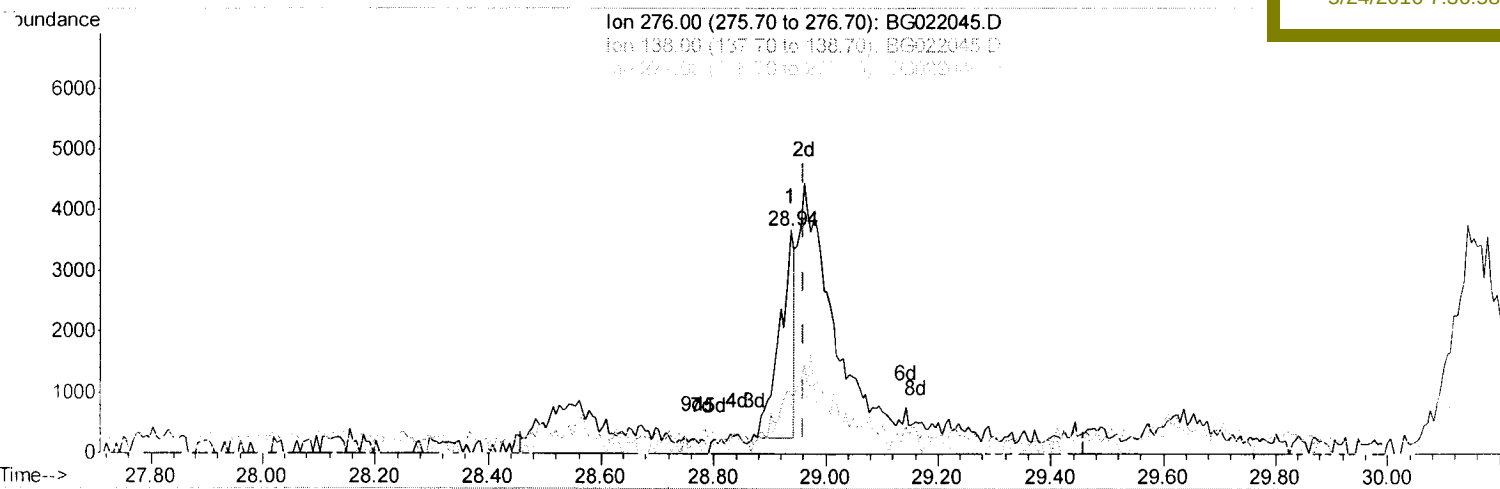
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022045.D
Acq On : 23 May 2016 13:17
Operator : UM/SJ
Sample : H3086-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

28.937min (-0.023) 0.48ng/ul

response 6188

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	27.78
277.00	22.00	22.16
0.00	0.00	0.00

Quantitation Report (Qedit)

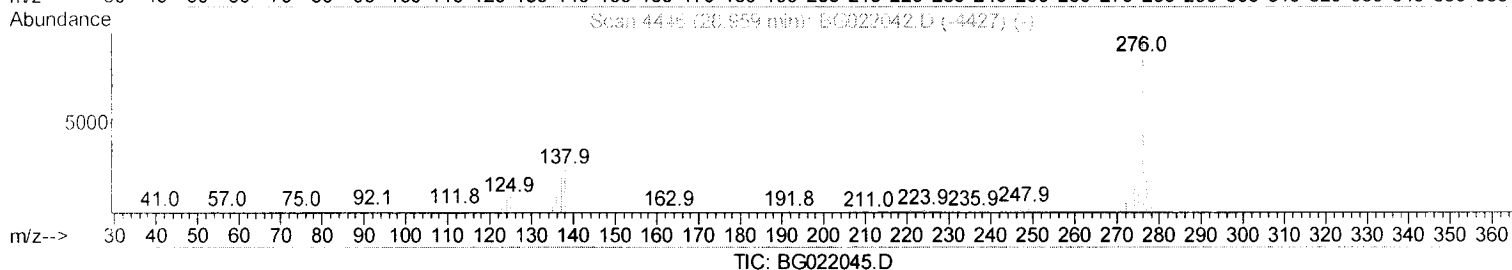
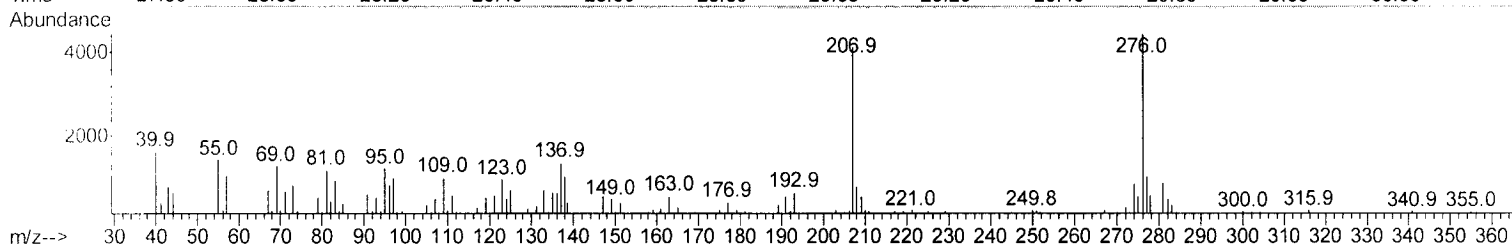
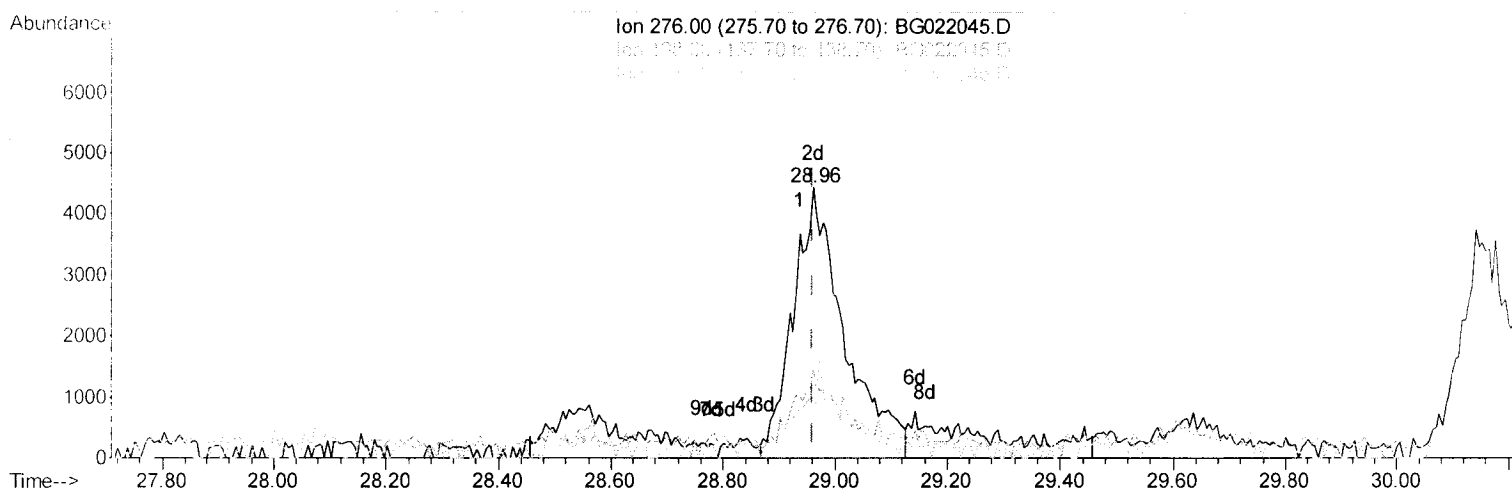
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
 Data File : BG022045.D
 Acq On : 23 May 2016 13:17
 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGF6

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

28.960min (+0.001) 2.18ng/ul m

response 28135

Ion Exp% Act%

276.00 100 100

138.00 26.00 23.22

277.00 22.00 23.22

0.00 0.00 0.00

u.m.
05/25/16

Quantitation Report (Qedit)

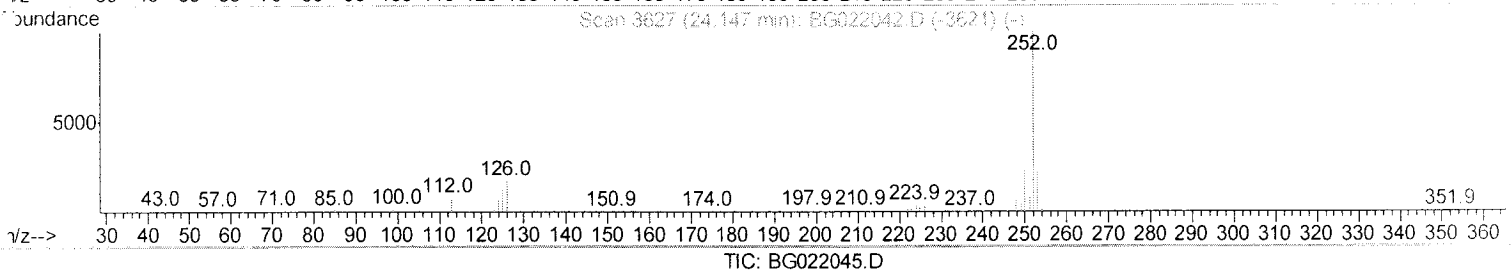
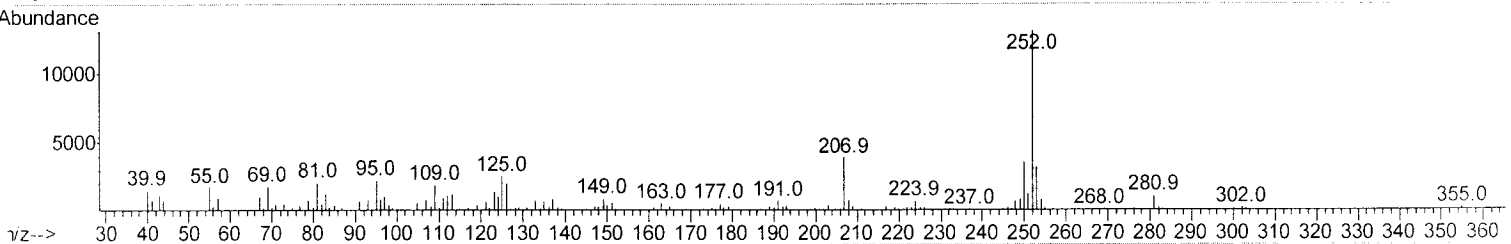
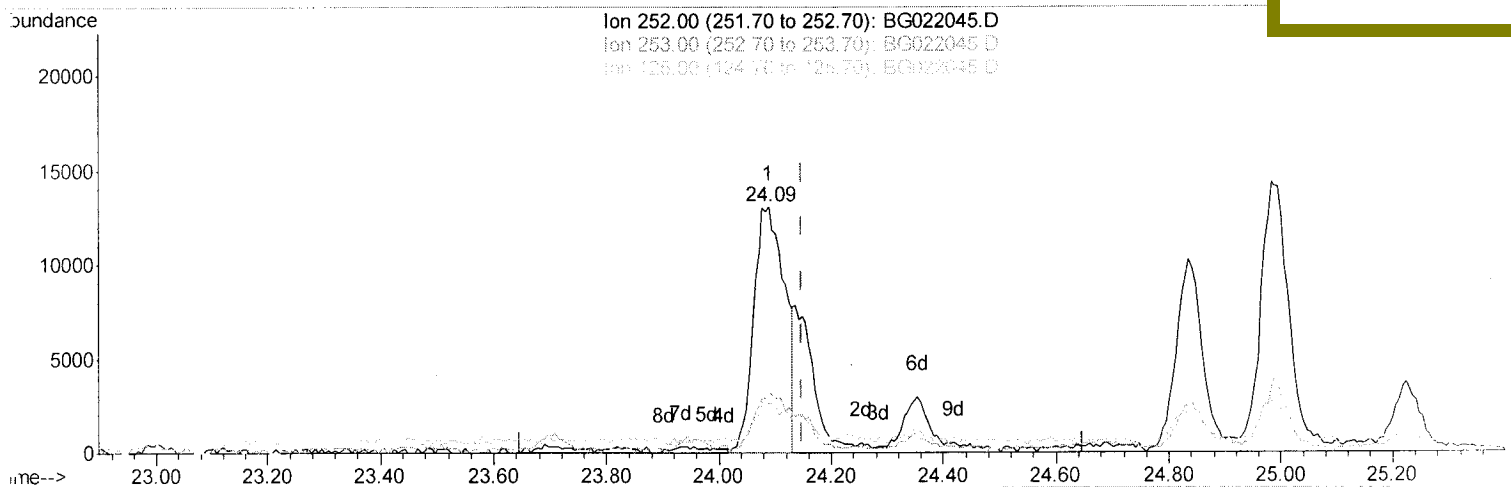
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
 Data File : BG022045.D
 Acq On : 23 May 2016 13:17
 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(86) Benzo(k)fluoranthene

24.090min (-0.058) 4.46ng/ul

response 50580

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.68#
125.00	13.30	20.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

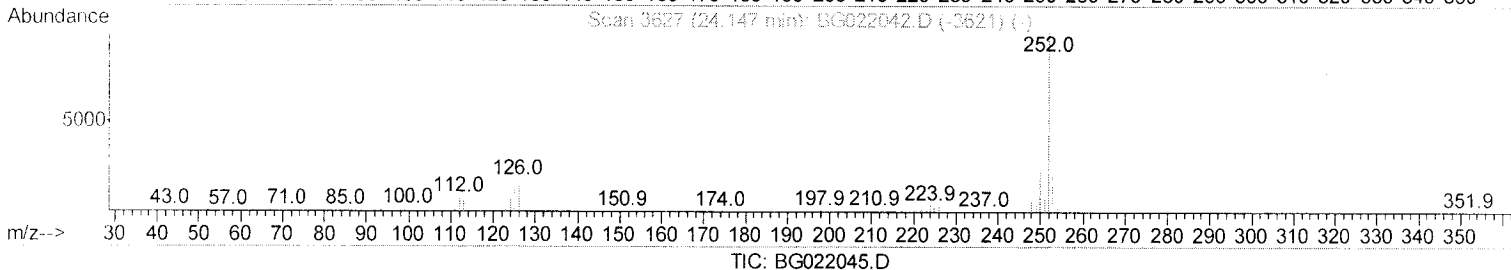
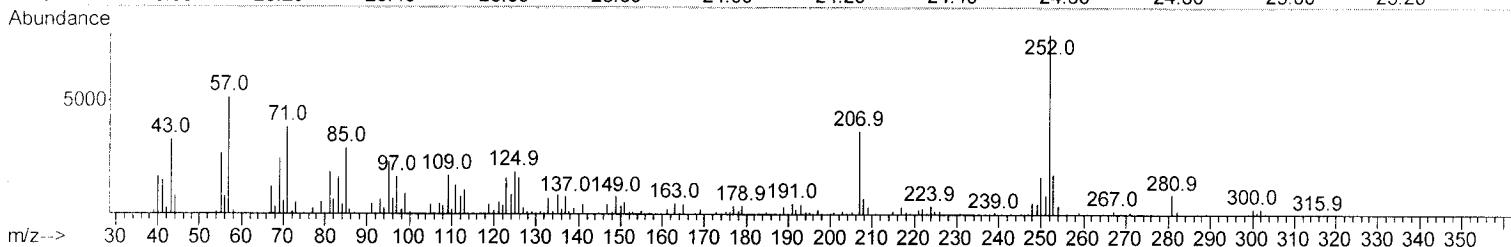
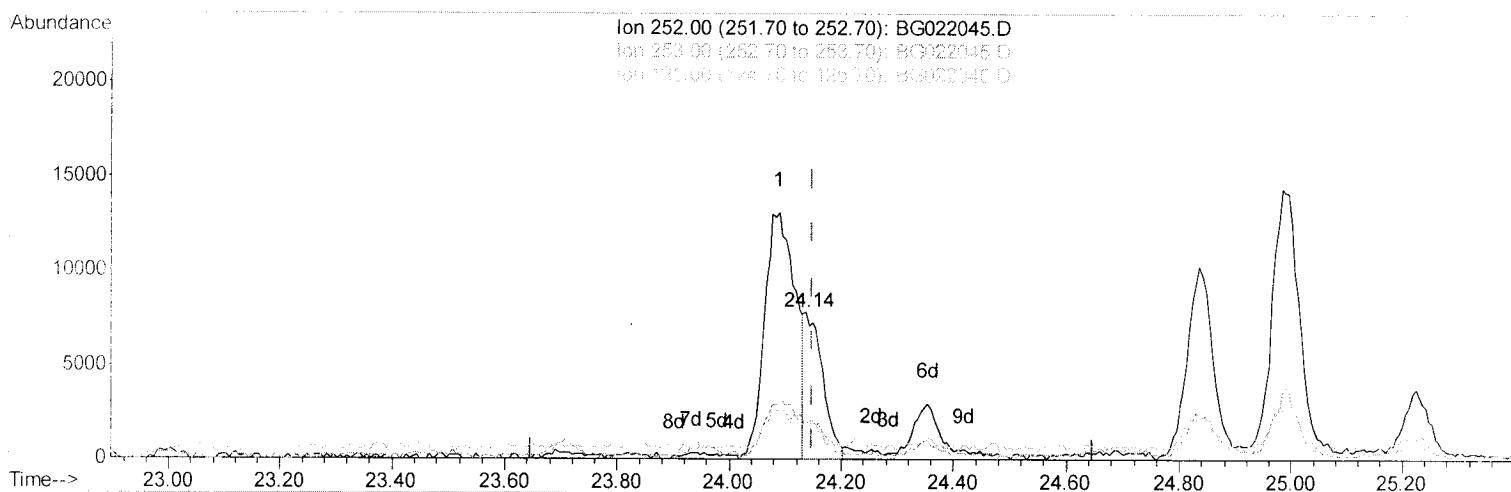
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
 Data File : BG022045.D
 Acq On : 23 May 2016 13:17
 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(86) Benzo(k)fluoranthene

24.137min (-0.011) 1.53ng/ul m

response 17384

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.16#
125.00	13.30	25.79#
0.00	0.00	0.00

0.171
 05/25/16

Quantitation Report (Qedit)

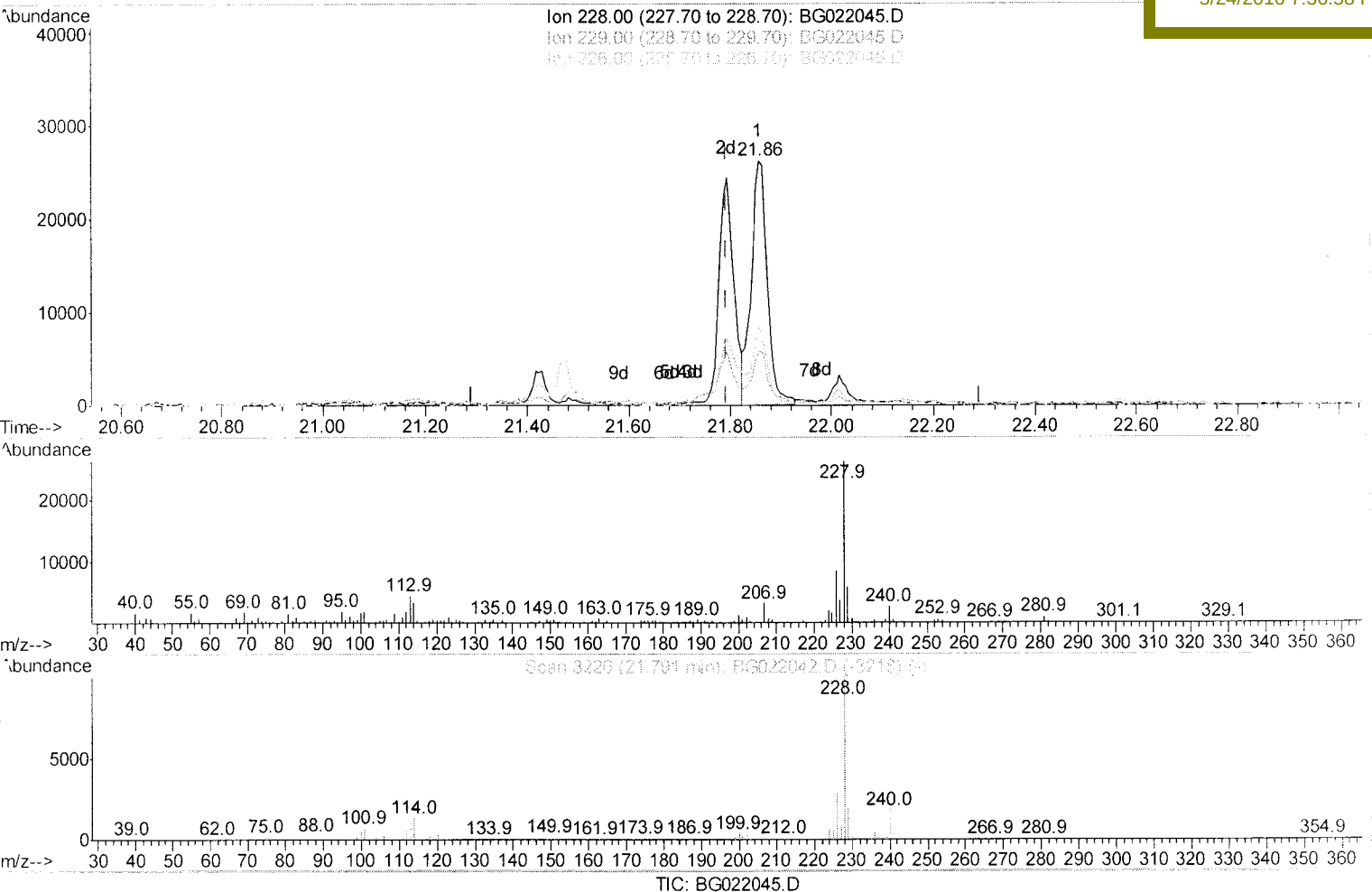
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
 Data File : BG022045.D
 Acc On : 23 May 2016 13:17
 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 24 06:00:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:44:46 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 JHGF6

Manual Integrations
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(80) Benzo(a)anthracene
 21.857min (+0.066) 4.65ng/ul
 response 58608

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.33
226.00	28.50	32.63
0.00	0.00	0.00

Quantitation Report (Qedit)

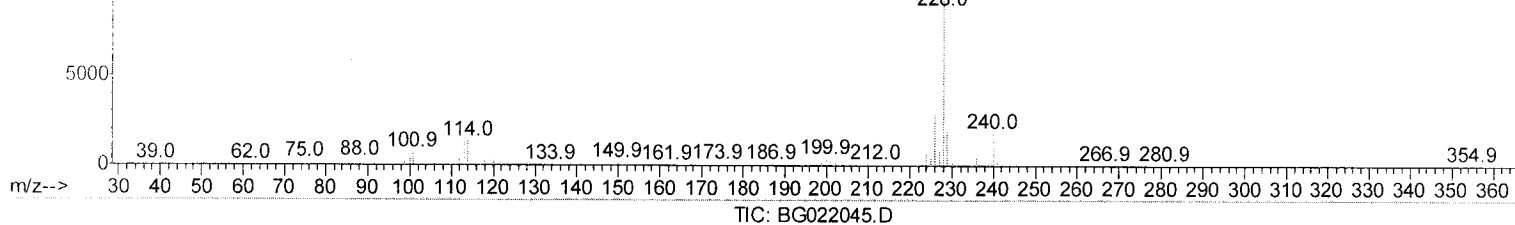
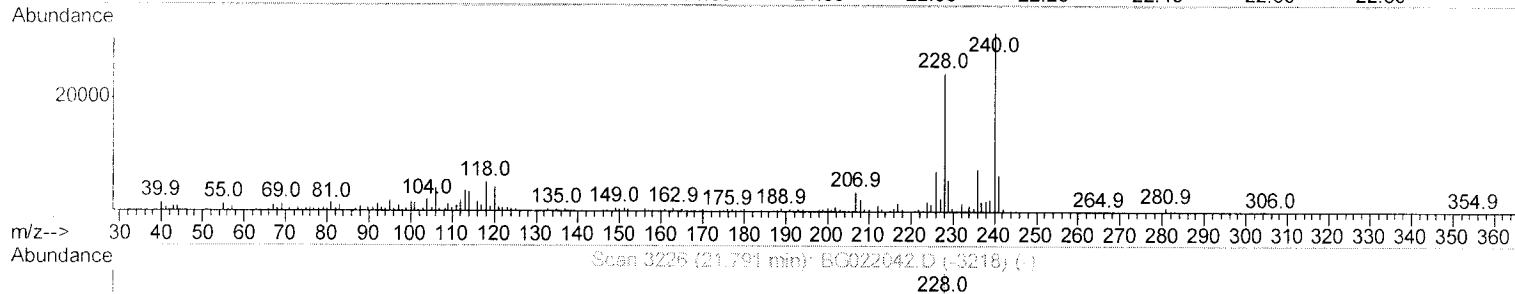
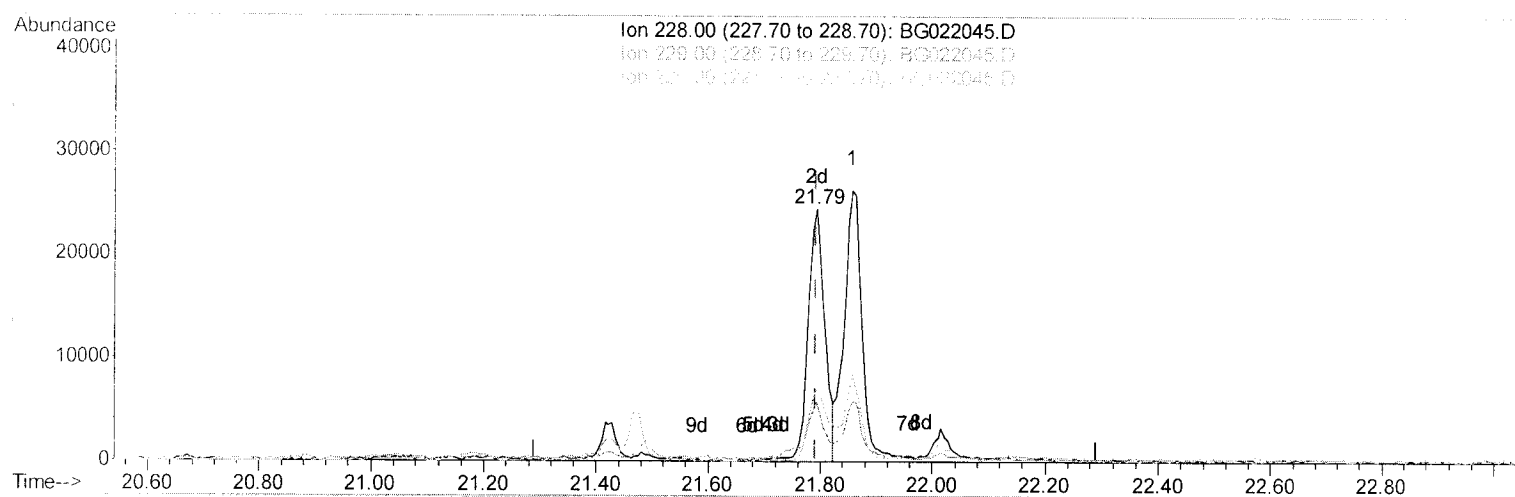
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
Data File : BG022045.D
Acq On : 23 May 2016 13:17
Operator : UM/SJ
Sample : H3086-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(8C) Benzo(a)anthracene

21.792min (+0.001) 3.94ng/ul m

response 49580

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	23.53#
226.00	28.50	29.45
0.00	0.00	0.00

U.M.
05/25/16

Quantitation Report (Qedit)

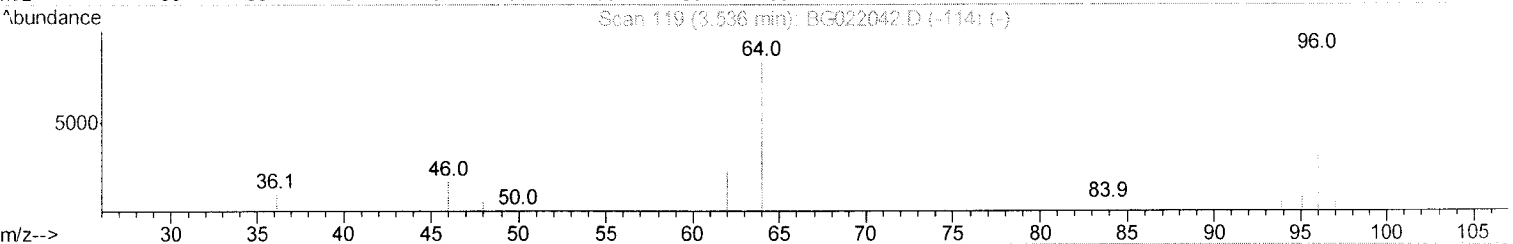
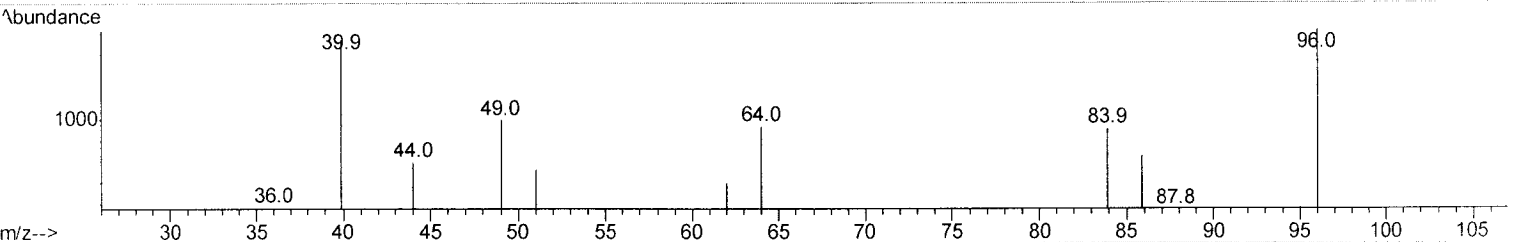
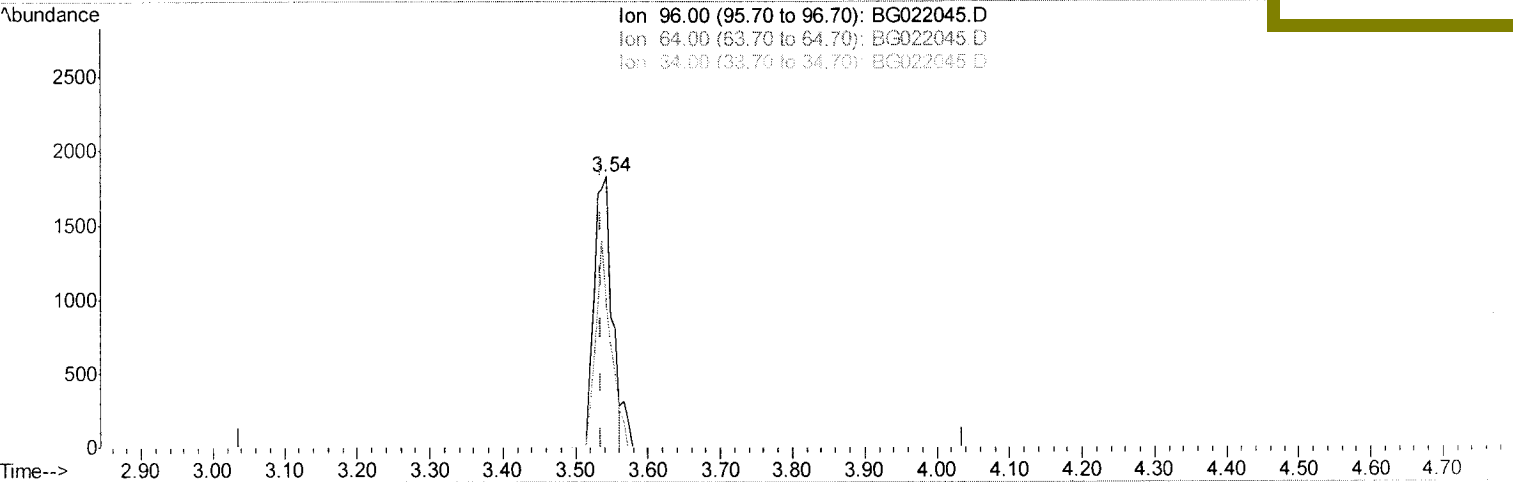
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
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TIC: BG022045.D

(3) 1,4-Dioxane-d8 (S)

3.543min (+0.007) 3.47ng/uL

response 3102

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	50.90#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

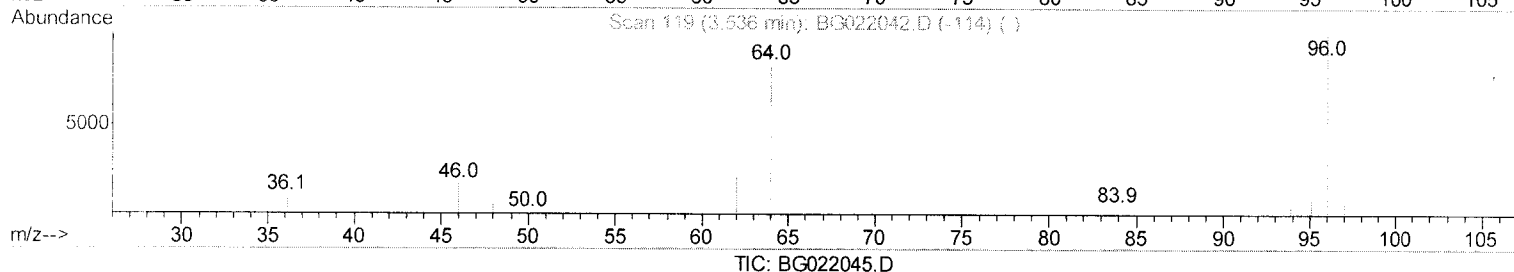
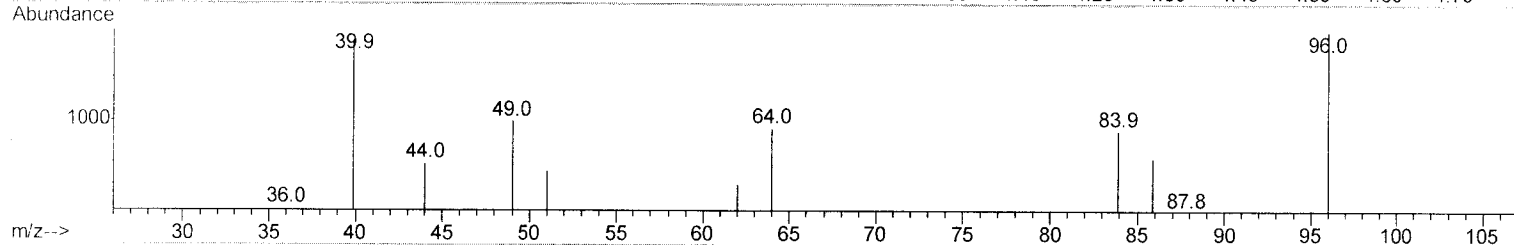
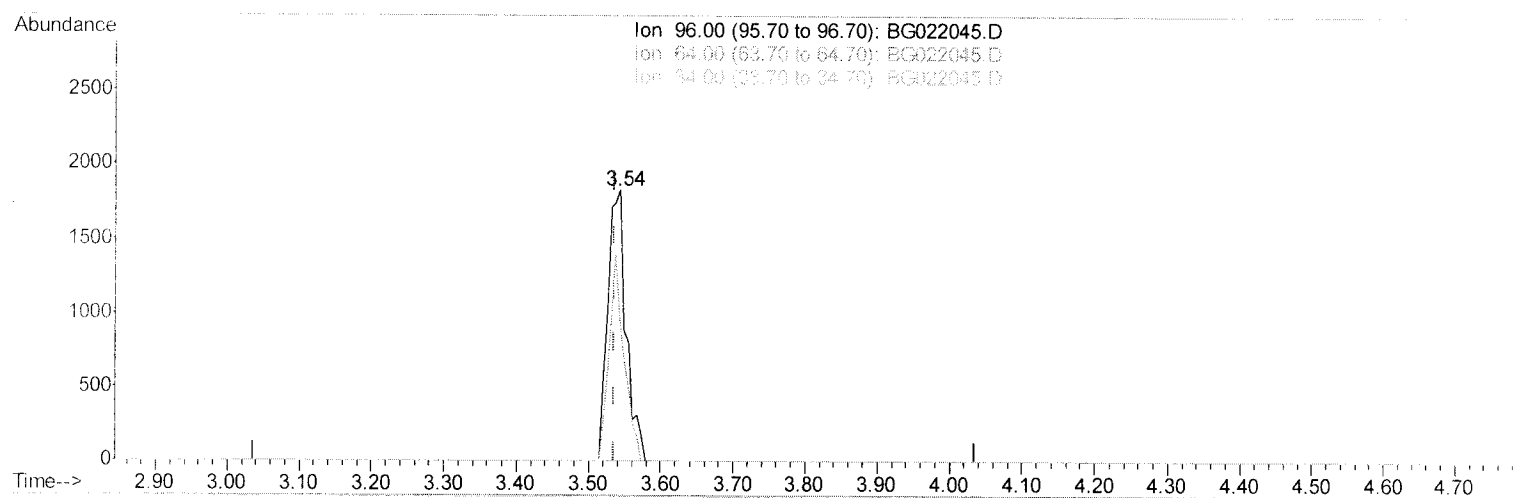
Data Path : Z:\HPCHEM1\BNA G\Data\BG052316\
 Data File : BG022045.D
 Acq On : 23 May 2016 13:17
 Operator : UM/SJ
 Sample : H3086-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(3) 1,4-Dioxane-d8 (S)

3.543min (+0.007) 3.67ng/uL m > u.m.
 response 3279 05/25/16

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	50.90#
34.00	0.00	0.00
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	8.16	152	46600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	243207	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	129889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	240491	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	214751	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	198998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3279m	3.67	ng/uL	0.00
5) Phenol-d5	7.31	99	70186	16.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	42193	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	66501	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	49386	13.83	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	35158	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	39142	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	63796	18.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	62463	16.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	209904	21.51	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	286604	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	17578	10.46	ng/ul	0.00
57) Fluorene-d10	15.77	176	184924	20.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	15815	12.58	ng/ul	0.00
70) Anthracene-d10	17.63	188	234218	20.29	ng/ul	0.00
76) Pyrene-d10	19.91	212	248447	20.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	200359	21.70	ng/ul	0.00

U.M.
 05/25/16

Target Compounds

					Ovalue
44) Dimethylphthalate	14.22	163	64587	6.59	ng/ul 96
69) Phenanthrene	17.57	178	107284	8.02	ng/ul 98
71) Anthracene	17.66	178	21695m	1.60	ng/ul
74) Fluoranthene	19.57	202	112723	8.25	ng/ul 99
77) Pyrene	19.94	202	152002	10.06	ng/ul 99
80) Benzo(a)anthracene	21.79	228	49580m	3.94	ng/ul
82) Chrysene	21.86	228	58735	4.86	ng/ul 94
85) Benzo(b)fluoranthene	24.09	252	50580	4.34	ng/ul# 91
86) Benzo(k)fluoranthene	24.14	252	17384m	1.53	ng/ul
88) Benzo(a)pyrene	24.98	252	50816	4.52	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	28.96	276	28135m	2.18	ng/ul
91) Benzo(a,h,i)perylene	30.14	276	25704m	2.49	ng/ul

U.M.
 05/25/16

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