

Quantitation Report (LSC Reviewed)

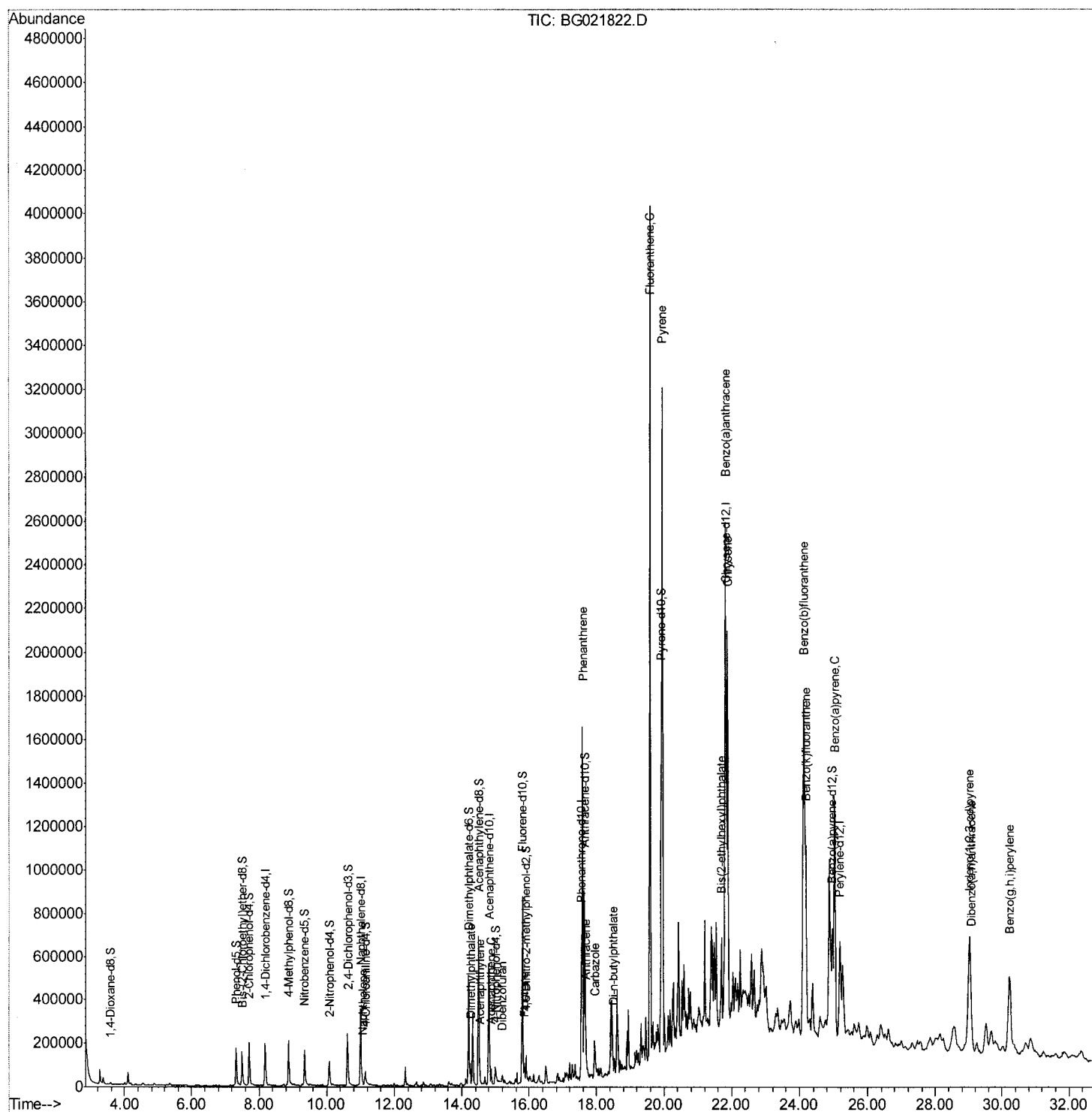
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:56 PM

Quant Time: May 11 11:54:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

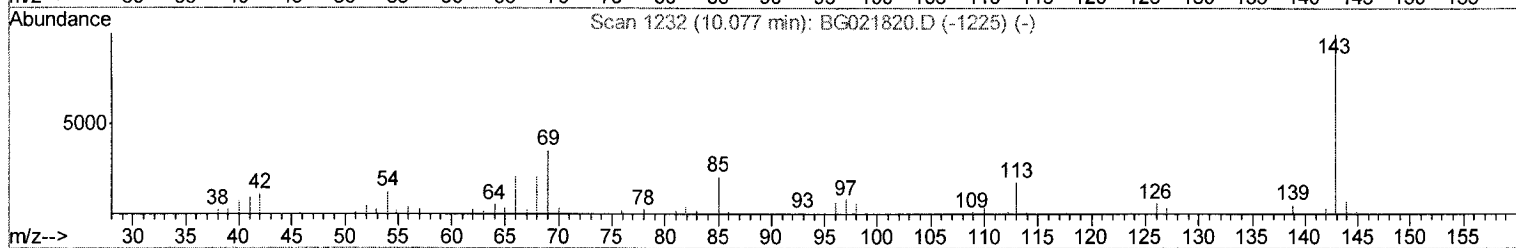
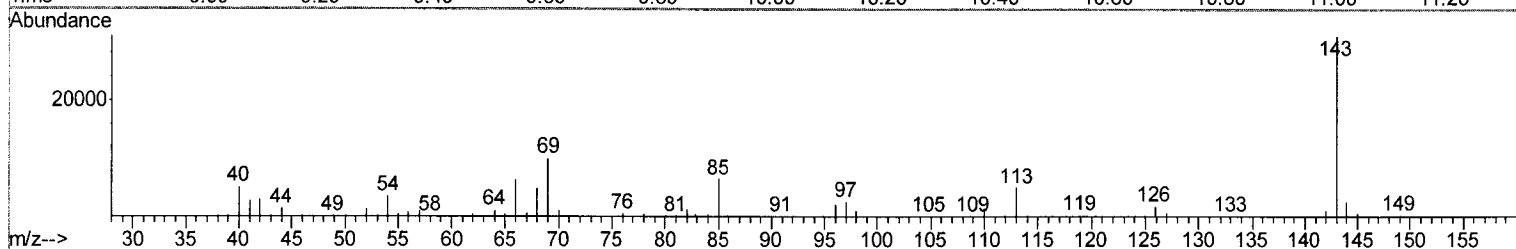
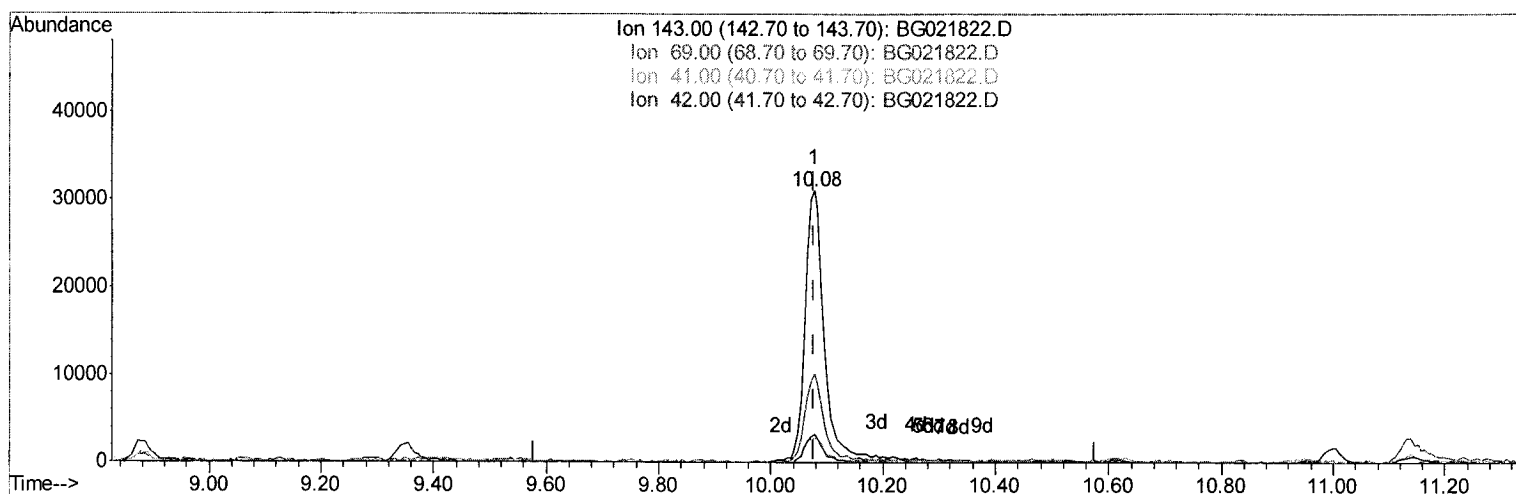
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TIC: BG021822.D

(22) 2-Nitrophenol-d4 (S)

10.077min (+0.000) 44.70ng/ul m

response 73397

U.M
 05/13/16

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	32.77#
41.00	34.20	9.28#
42.00	33.20	10.26#

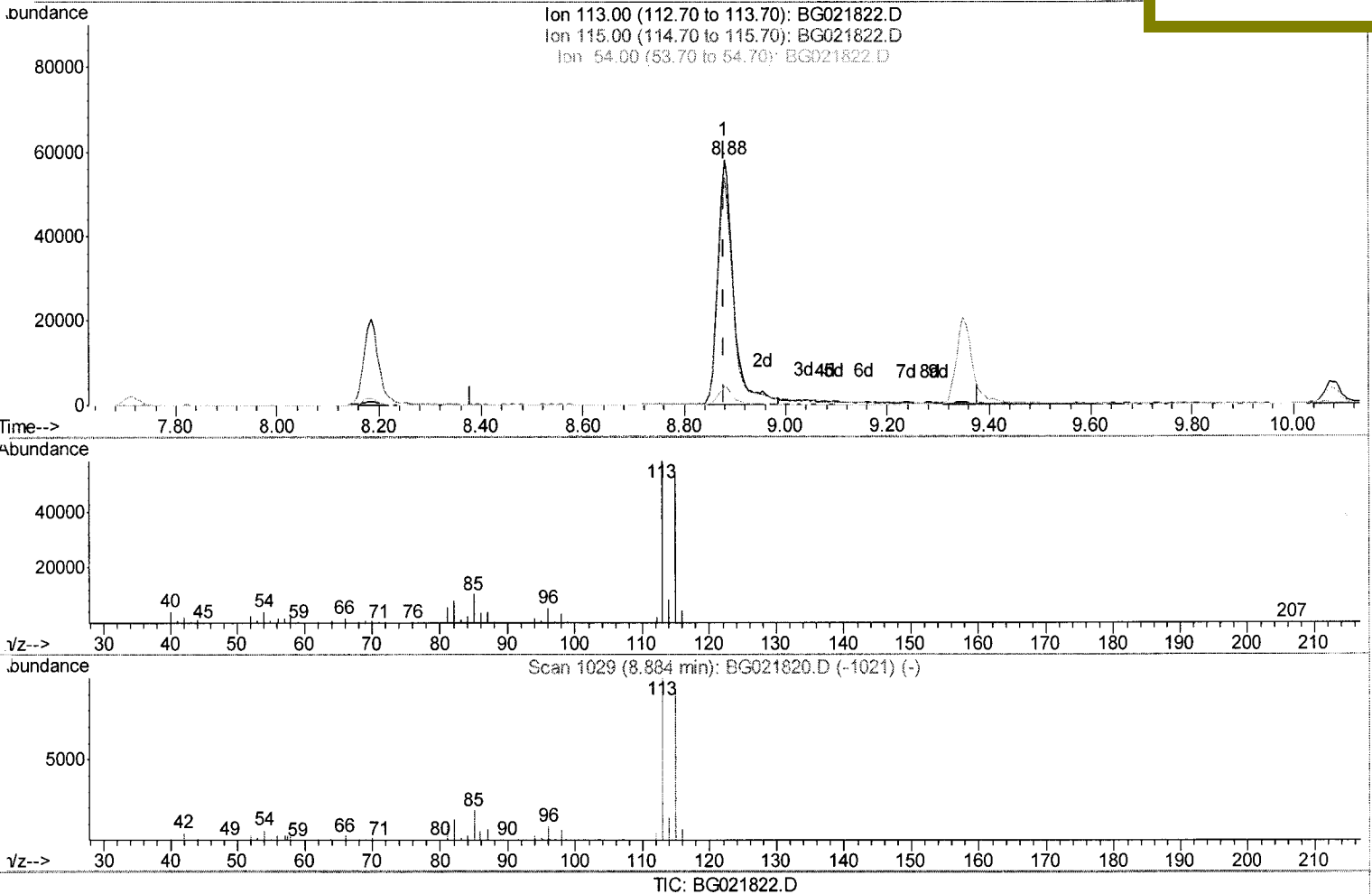
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(13) 4-Methylphenol-d8 (S)

8.878min (+0.000) 24.92ng/ul m

response 124287

U.M
05/13/16

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	92.89
54.00	18.70	7.24#
0.00	0.00	0.00

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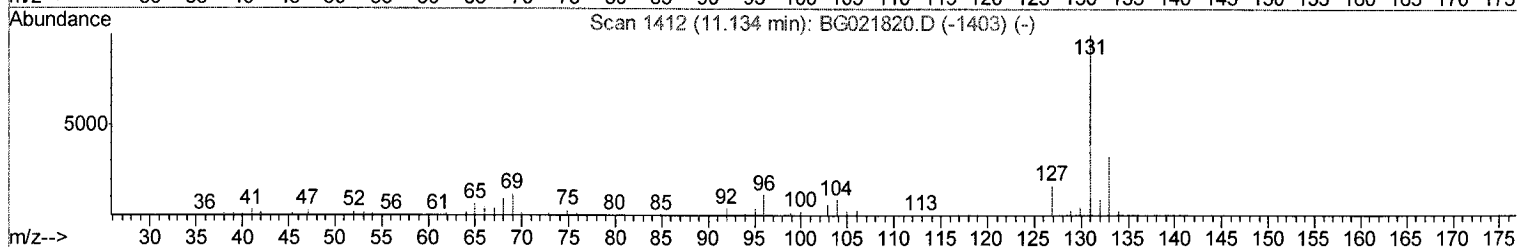
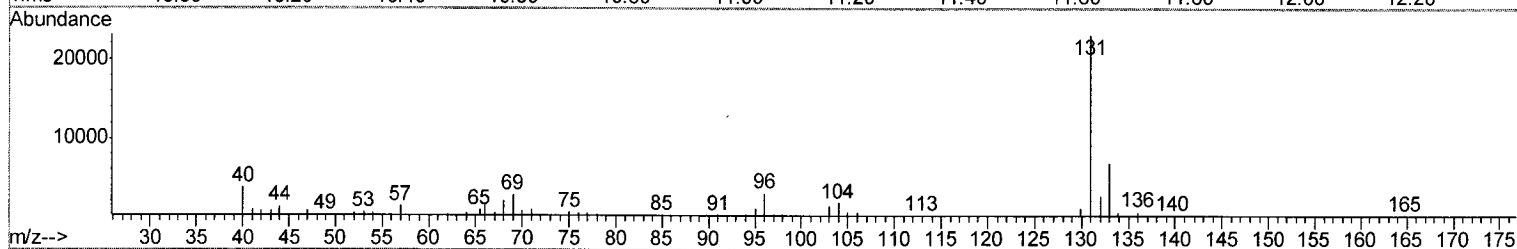
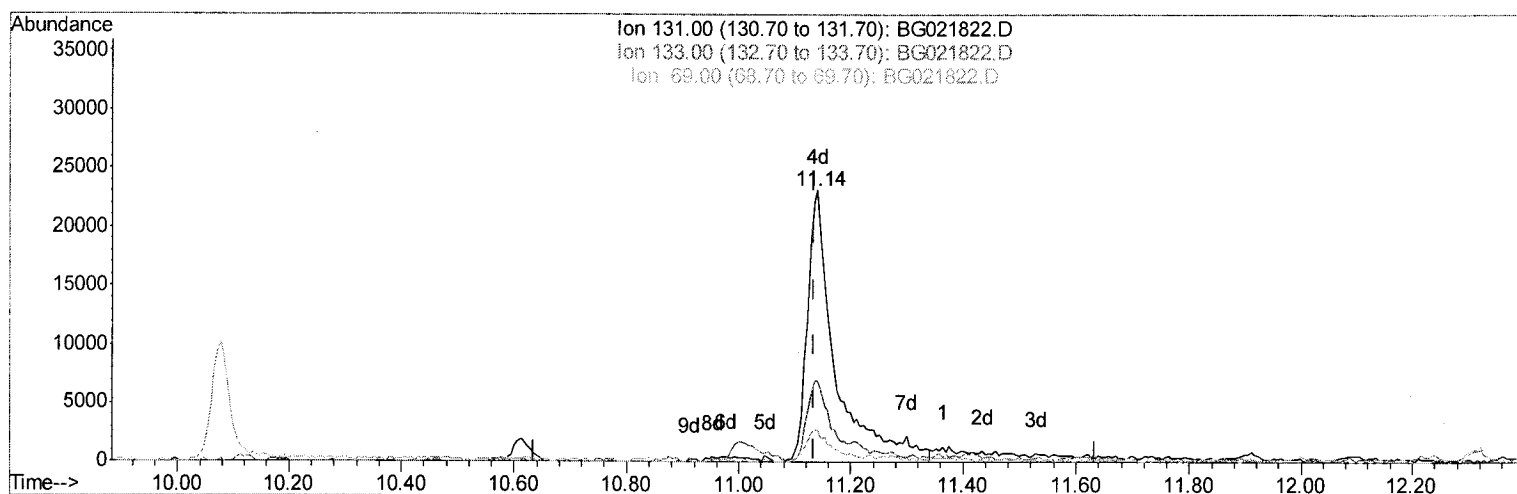
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TIC: BG021822.D

(29) 4-Chloroaniline-d4 (S)

11.140min (+0.006) 16.22ng/ul m *U.M*
05/13/16

response 81114

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	29.91
69.00	23.00	12.06#
0.00	0.00	0.00

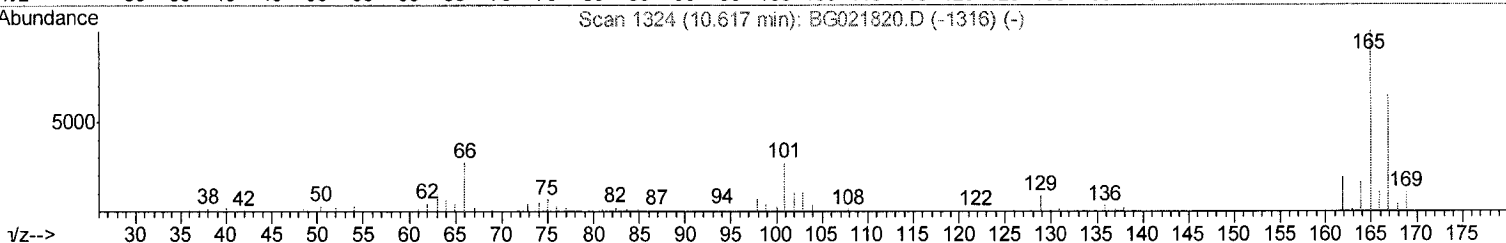
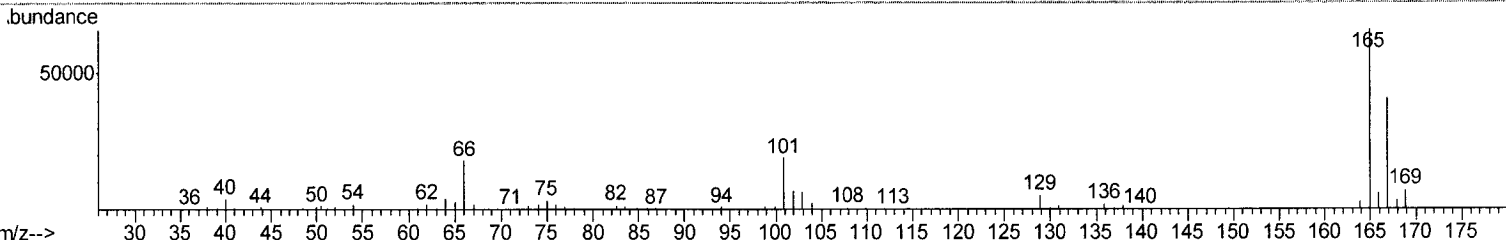
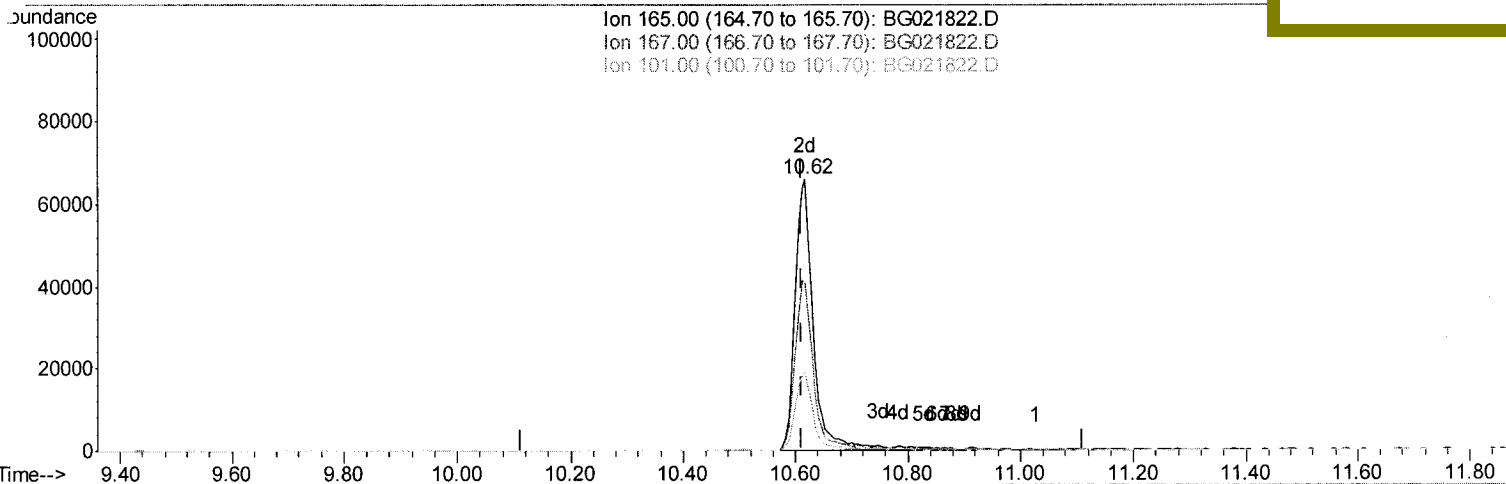
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TIC: BG021822.D

(26) 2,4-Dichlorophenol-d3 (S)

10.618min (+0.006) 30.78ng/ul m

response 142936

Ion Exp% Act%

165.00 100 100

167.00 66.50 62.06

101.00 41.00 28.74#

0.00 0.00 0.00

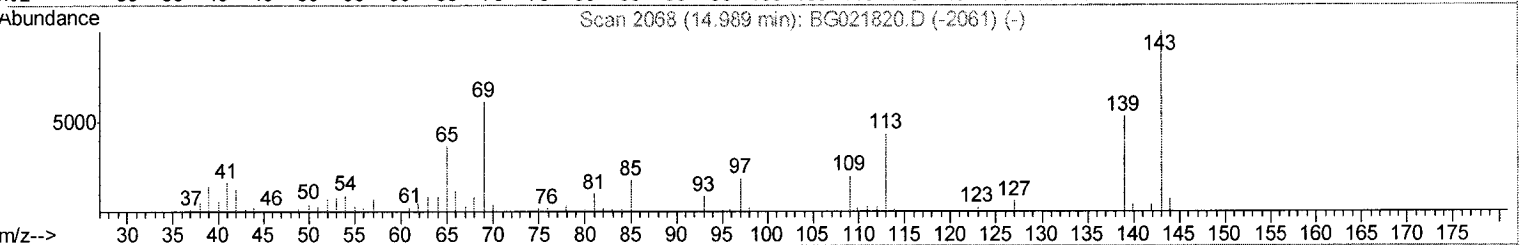
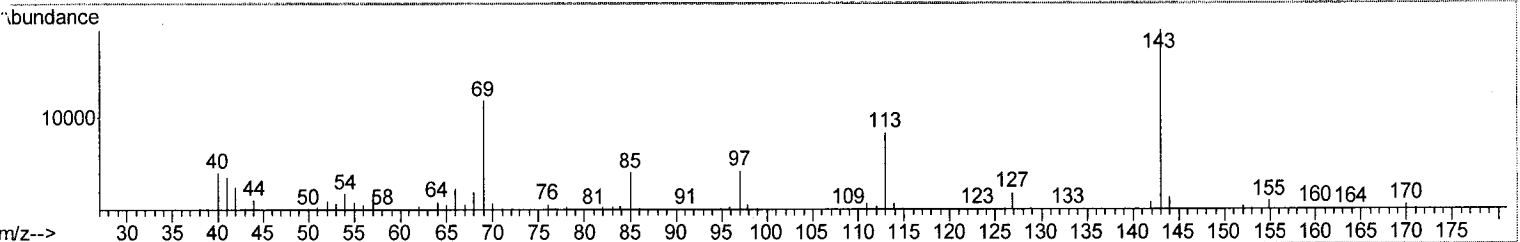
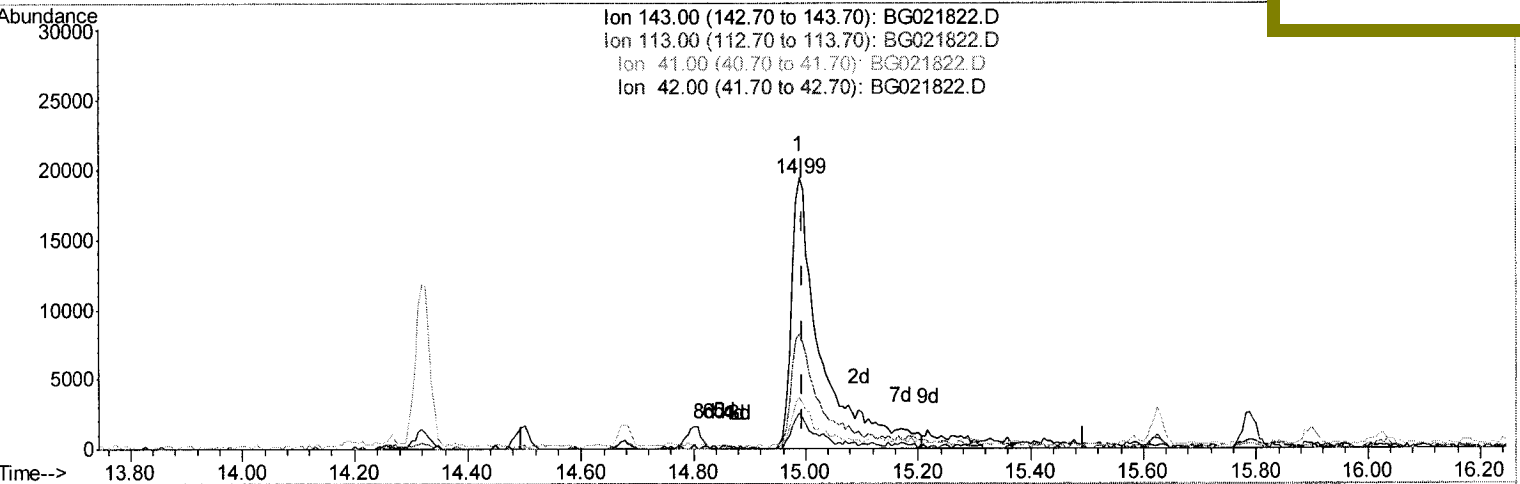
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TIC: BG021822.D

(52) 4-Nitrophenol-d4 (S)

14.989min (-0.006) 26.70ng/ul m

response 70785

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	42.91#
41.00	49.70	18.53#
42.00	33.70	13.06#

U.M
05/13/16

Quantitation Report (Qedit)

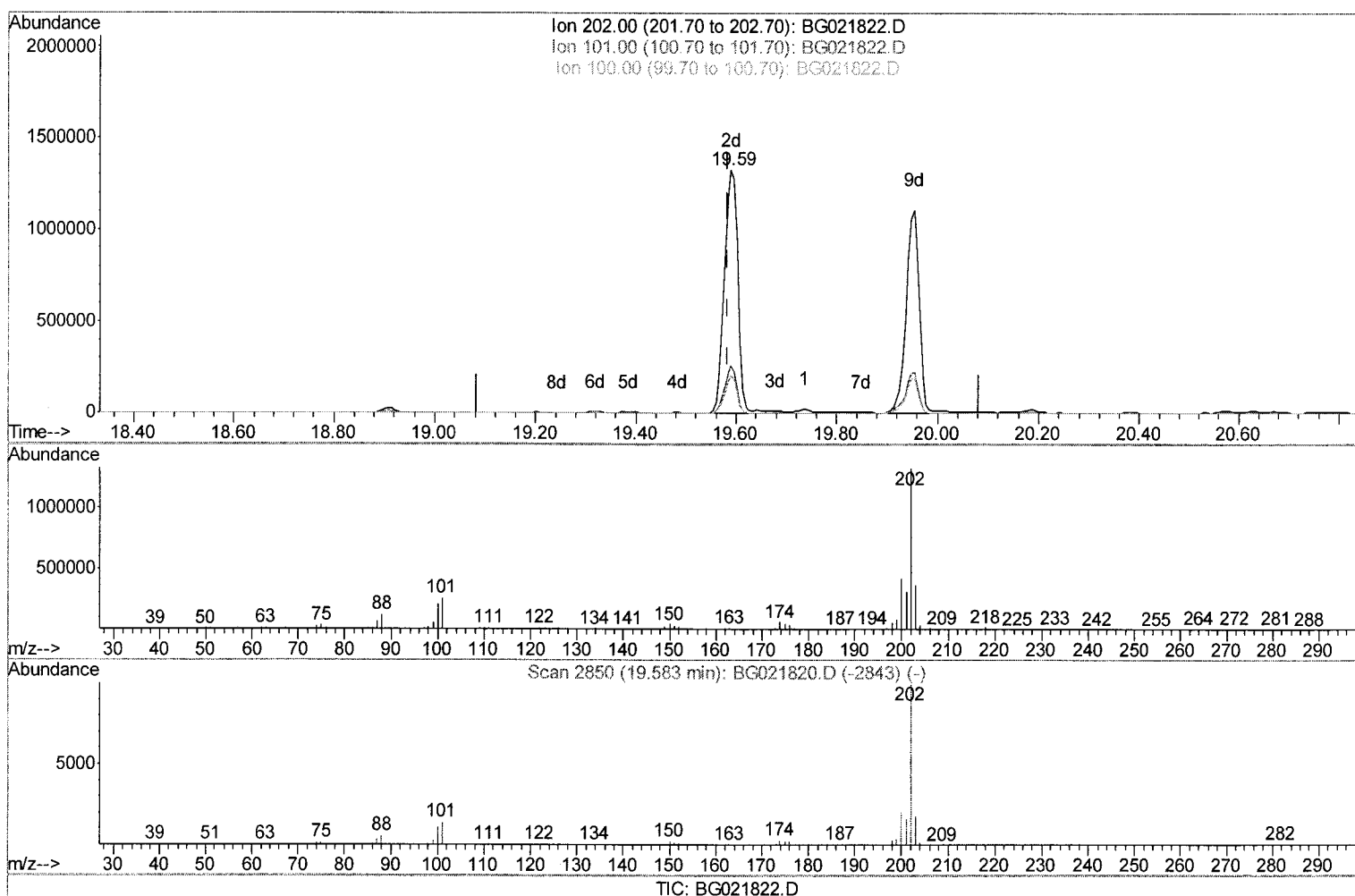
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Manual Integrations
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(75) Fluoranthene (C)

19.589min (+0.006) 89.84ng/ul m

response 2475801

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	19.36#
100.00	8.70	15.59#
0.00	0.00	0.00

U.M
 5/11/16

Quantitation Report (Qedit)

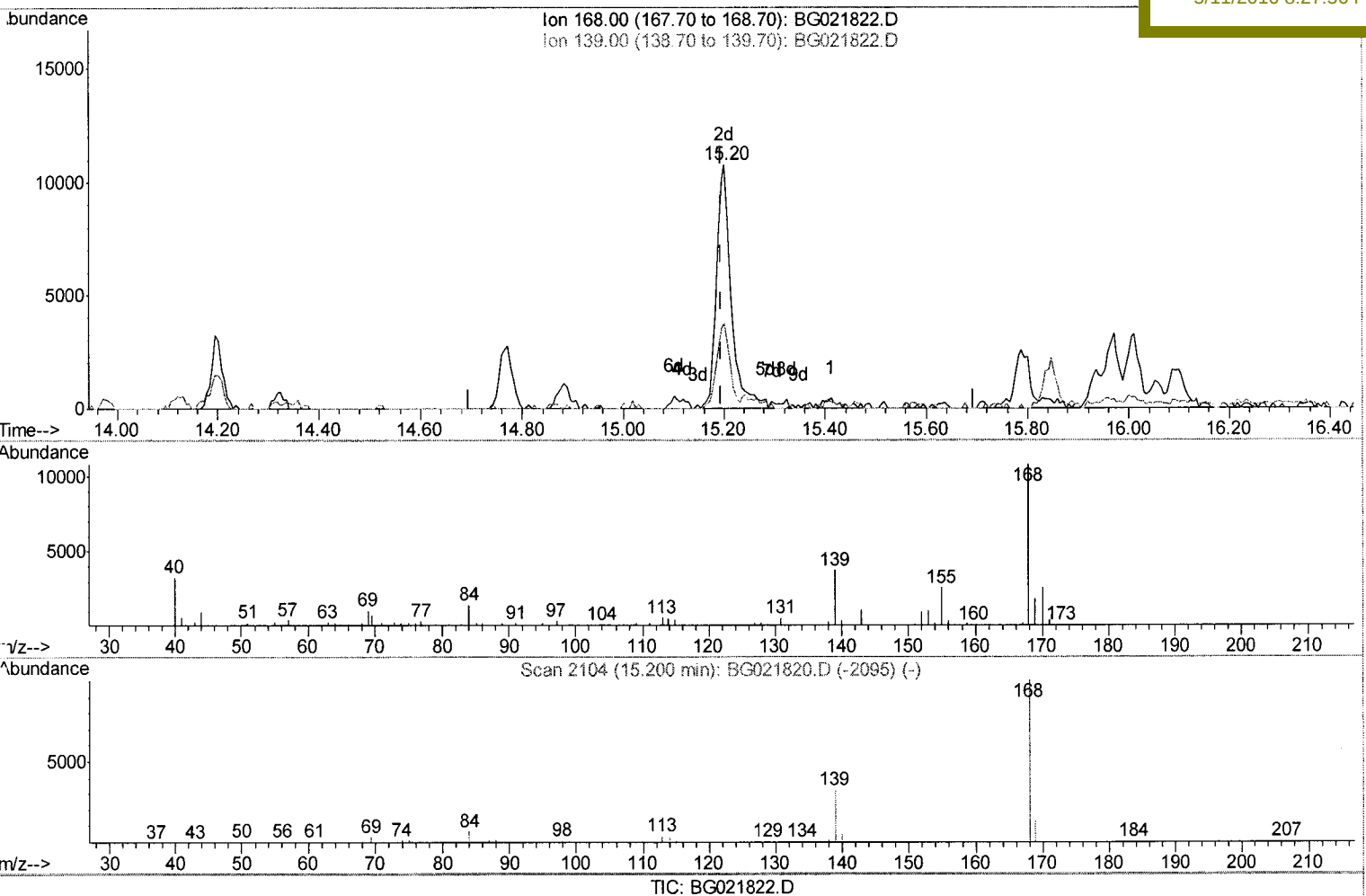
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(54) Dibenzofuran

15.200min (+0.006) 1.03ng/ul m

response 21612

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	35.03#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
05/13/16

Quantitation Report (Qedit)

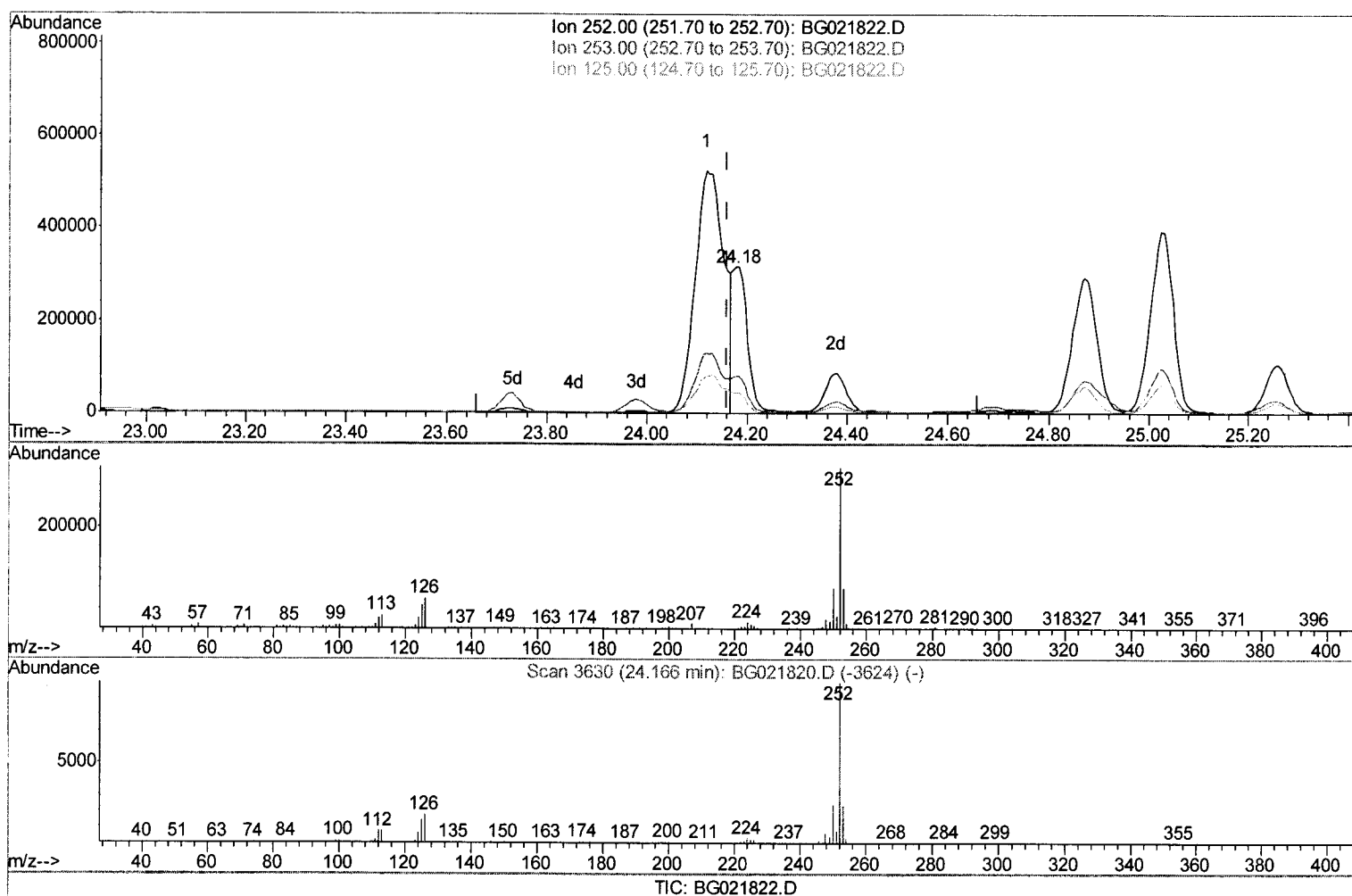
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(87) Benzo(k)fluoranthene

24.178min (+0.018) 24.58ng/ul m *U.M*
05/13/16
 response 660009

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.74
125.00	9.60	14.67#
0.00	0.00	0.00

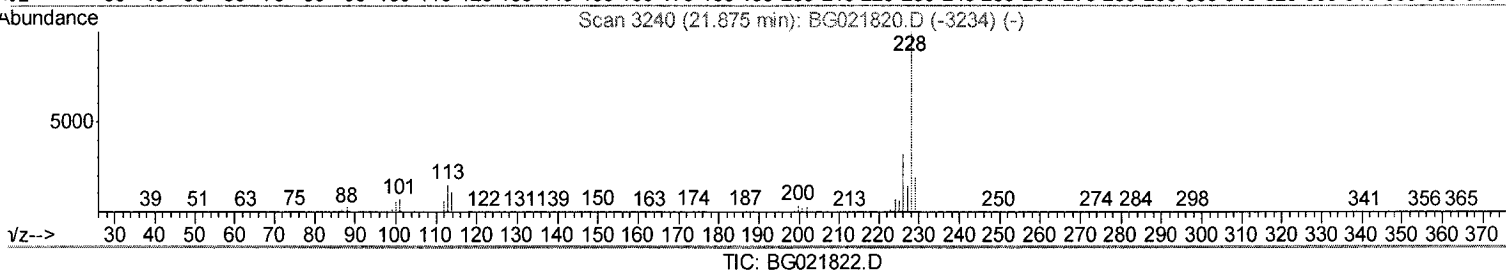
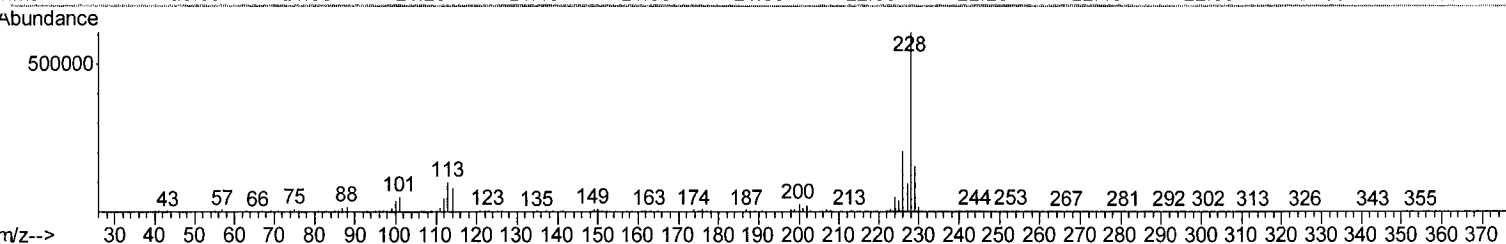
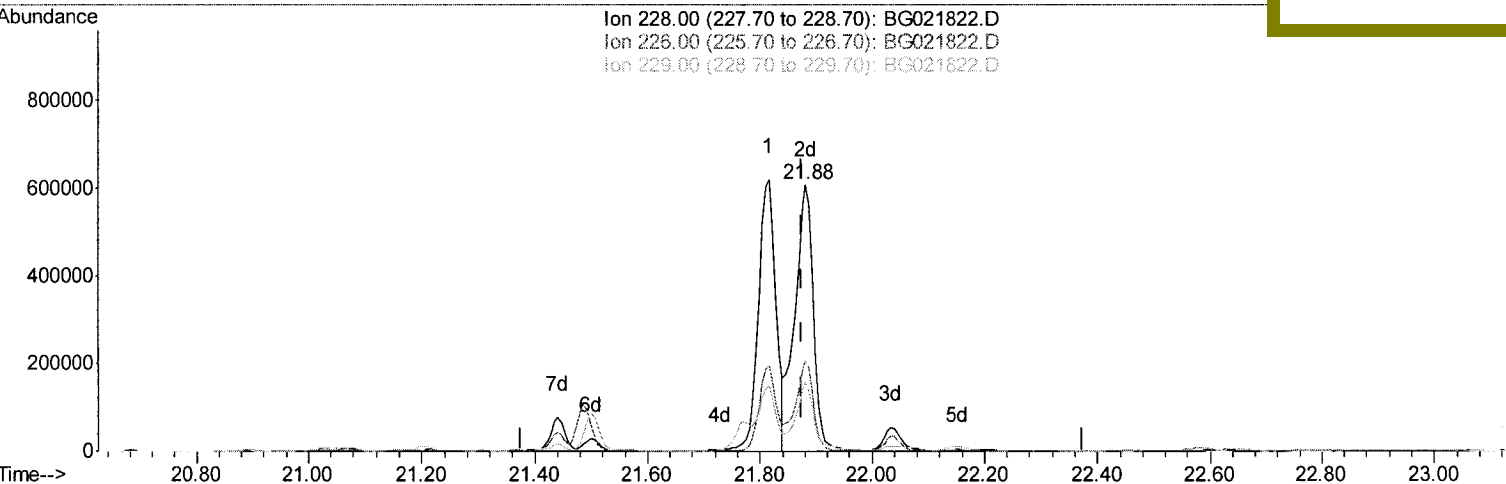
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D9XB0

Manual Integrations
APPROVED

sohil
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(83) Chrysene

21.881min (+0.006) 56.31ng/ul m

response 1385003

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	33.67
229.00	20.20	25.37#
0.00	0.00	0.00

U.M
05/13/16

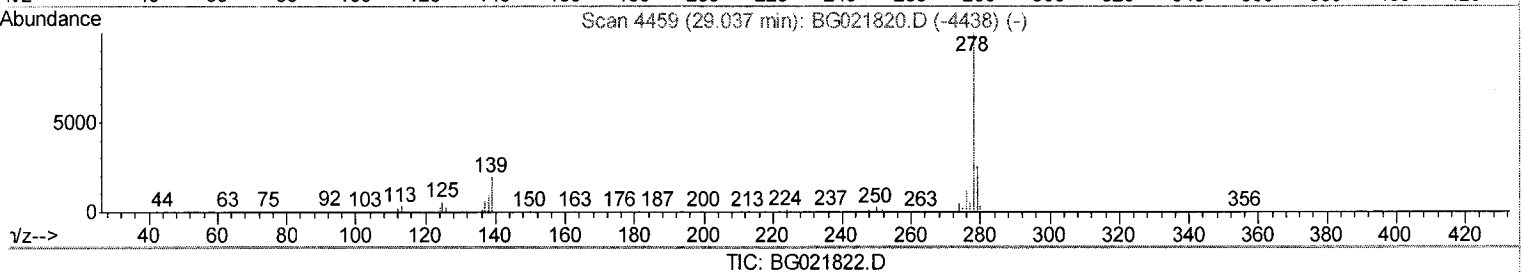
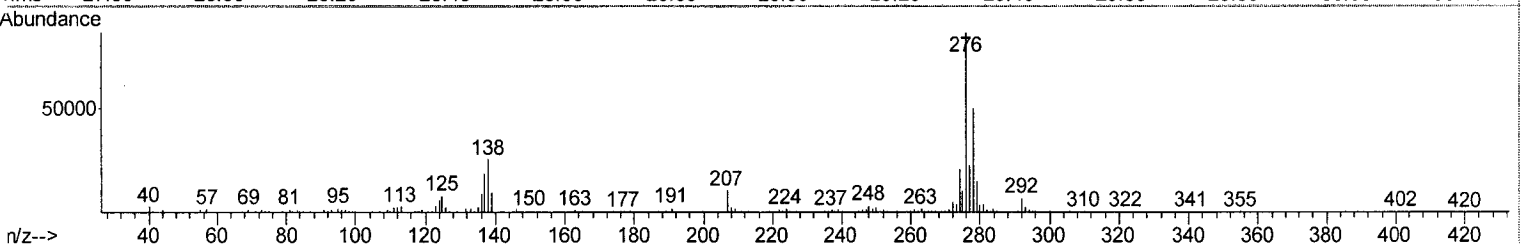
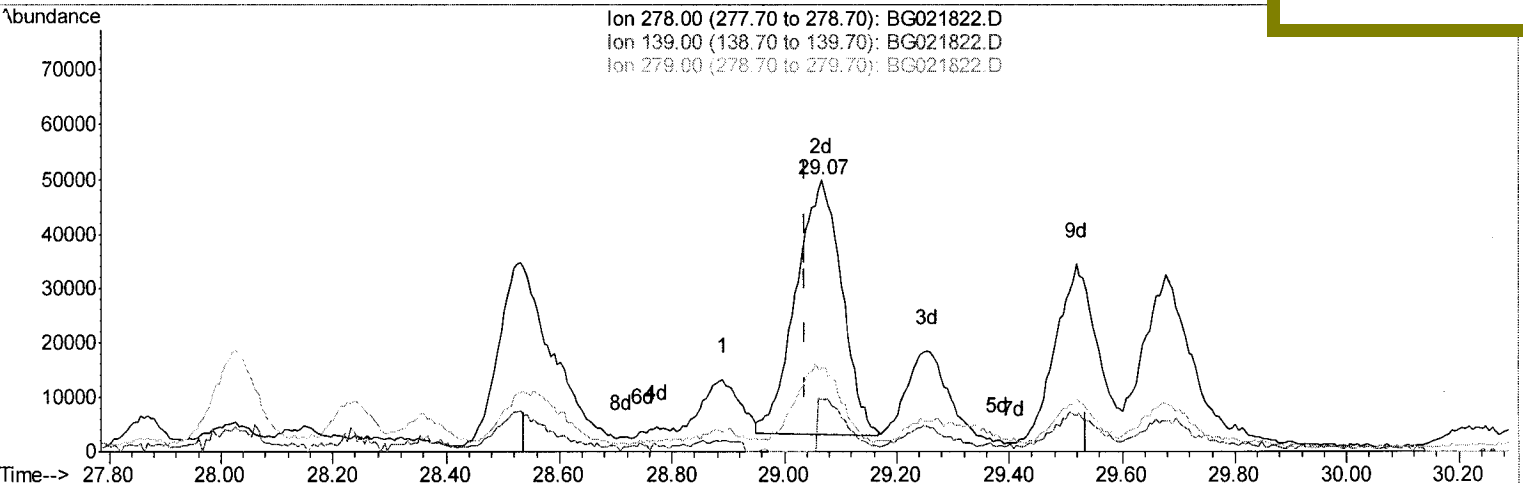
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(91) Dibenzo(a,h)anthracene

29.067min (+0.030) 10.73ng/ul m

response 264136

Ion Exp% Act%

278.00 100 100

139.00 15.10 19.09#

279.00 24.80 30.42#

0.00 0.00 0.00

U.M
05/13/16

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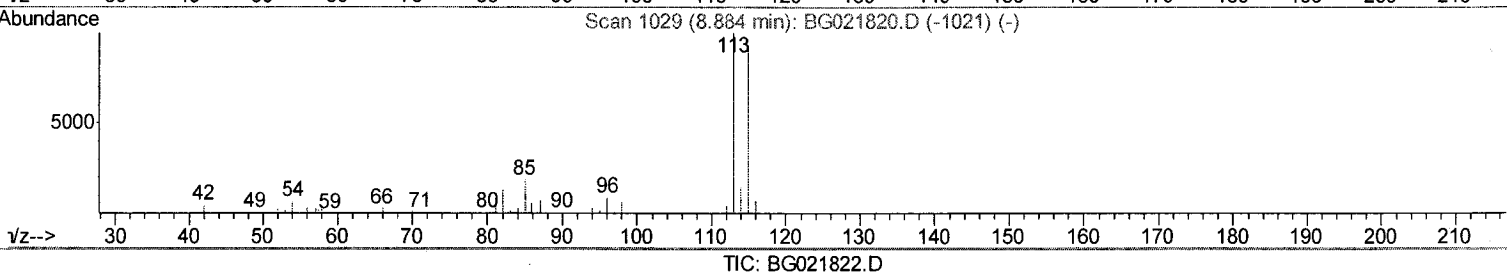
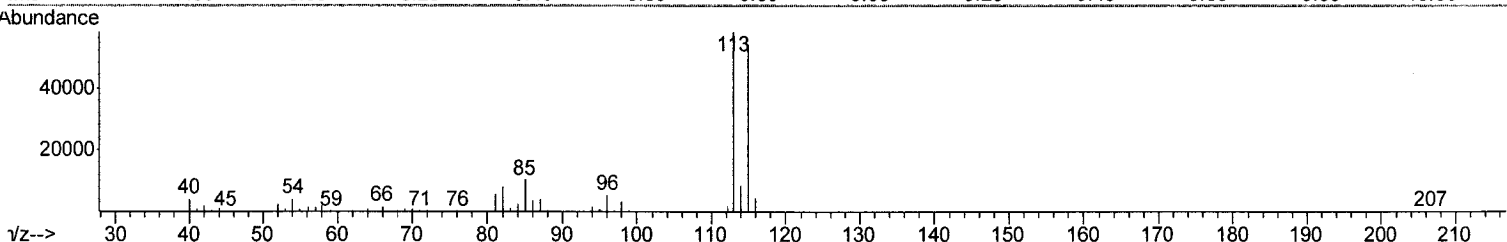
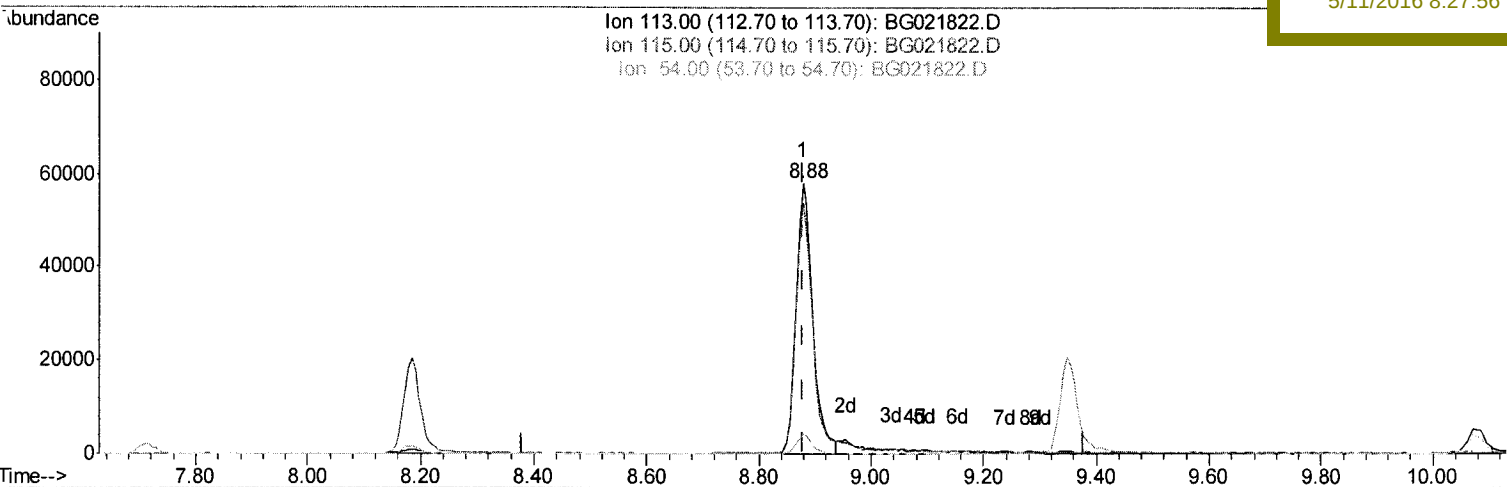
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 5/11/2016 8:27:56 PM



(13) 4-Methylphenol-d8 (S)

8.878min (+0.000) 23.71ng/ul

response 118217

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	92.89
54.00	18.70	7.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

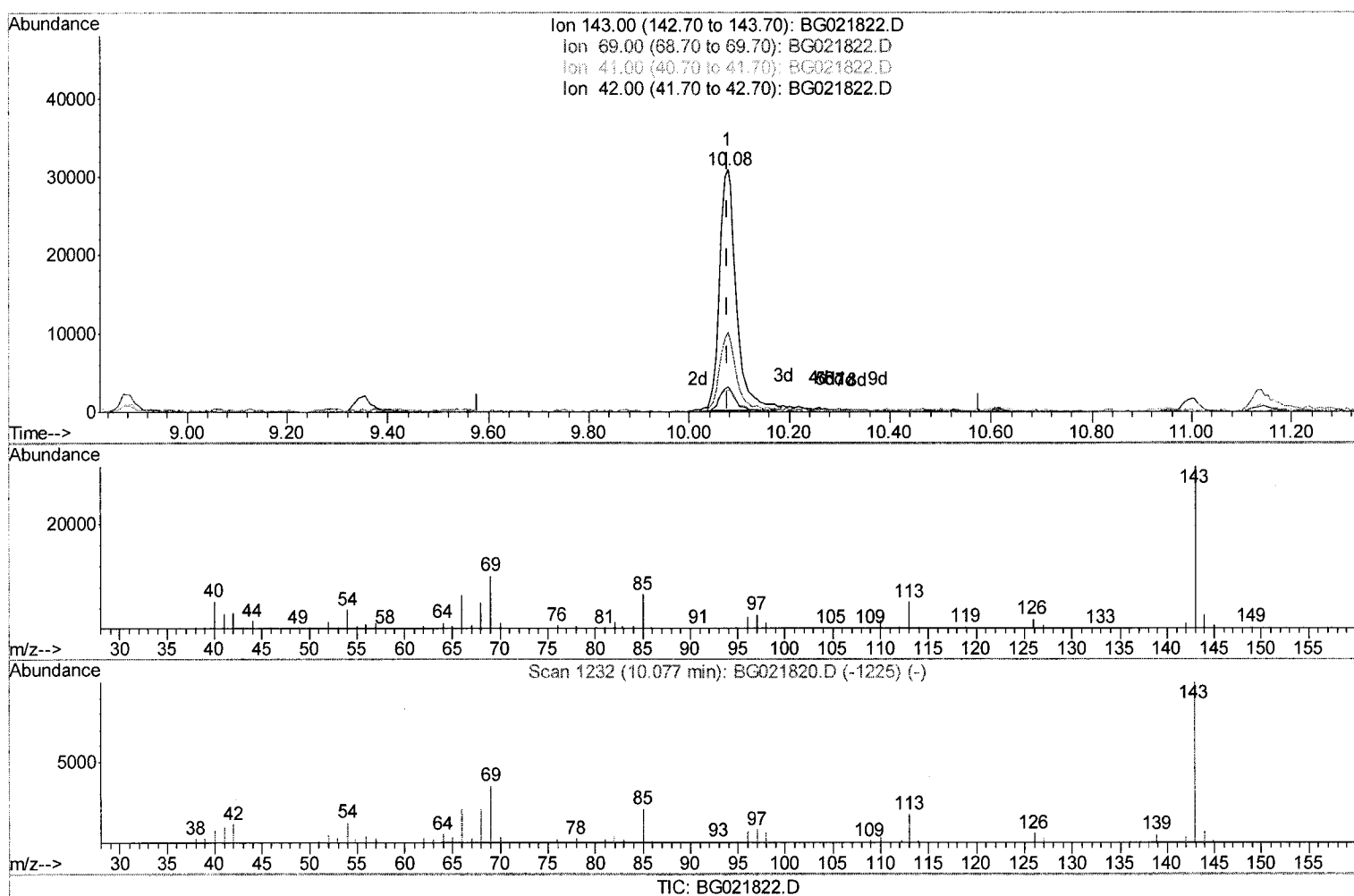
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(22) 2-Nitrophenol-d4 (S)

10.077min (+0.000) 43.37ng/ul

response 71227

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	32.77#
41.00	34.20	9.28#
42.00	33.20	10.26#

Quantitation Report (Qedit)

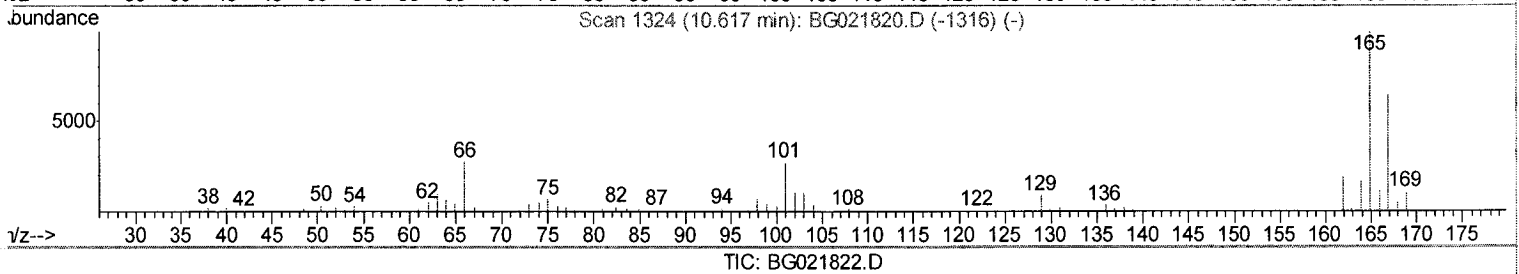
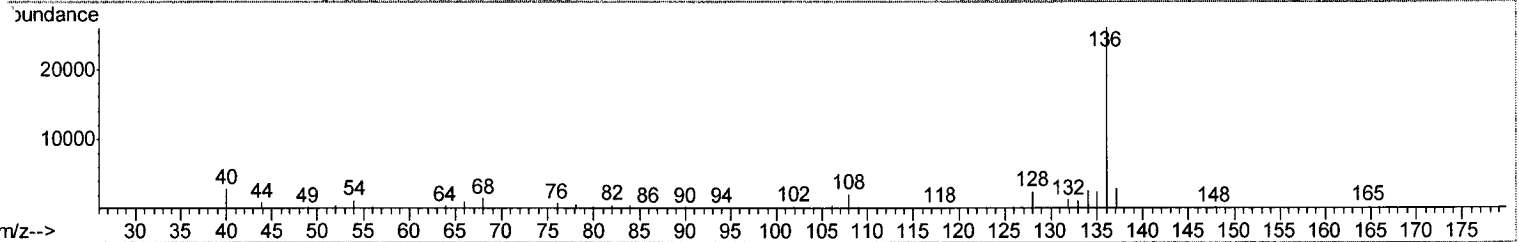
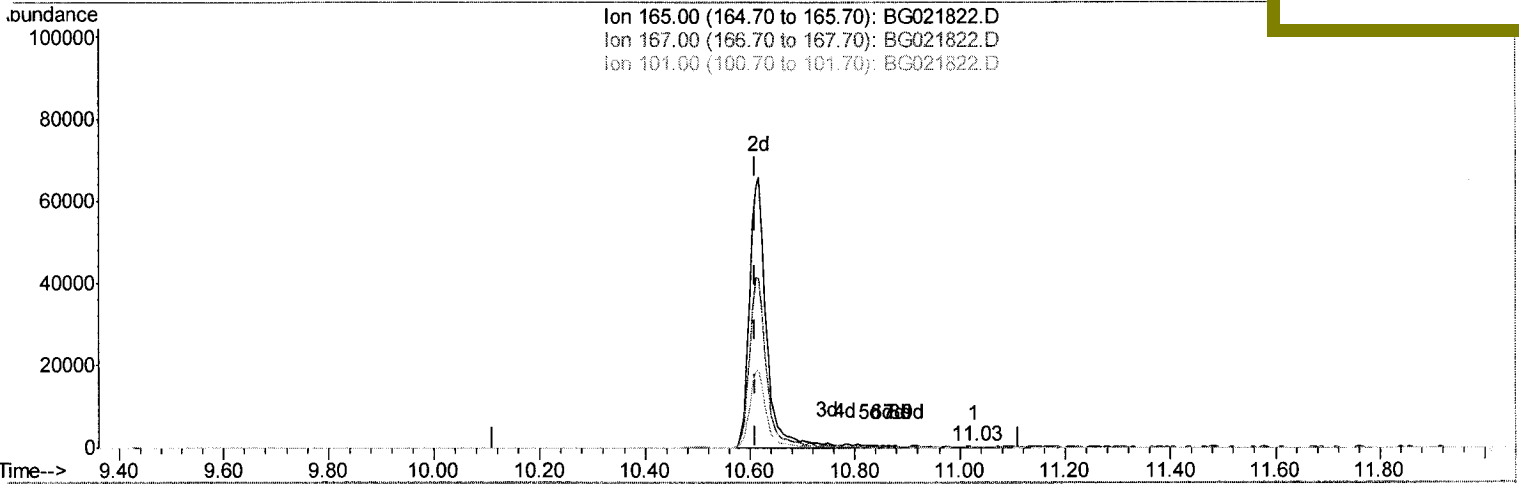
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(26) 2,4-Dichlorophenol-d3 (S)

11.029min (+0.417) 0.04ng/ul

response 187

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	54.24
101.00	41.00	43.58
0.00	0.00	0.00

Quantitation Report (Qedit)

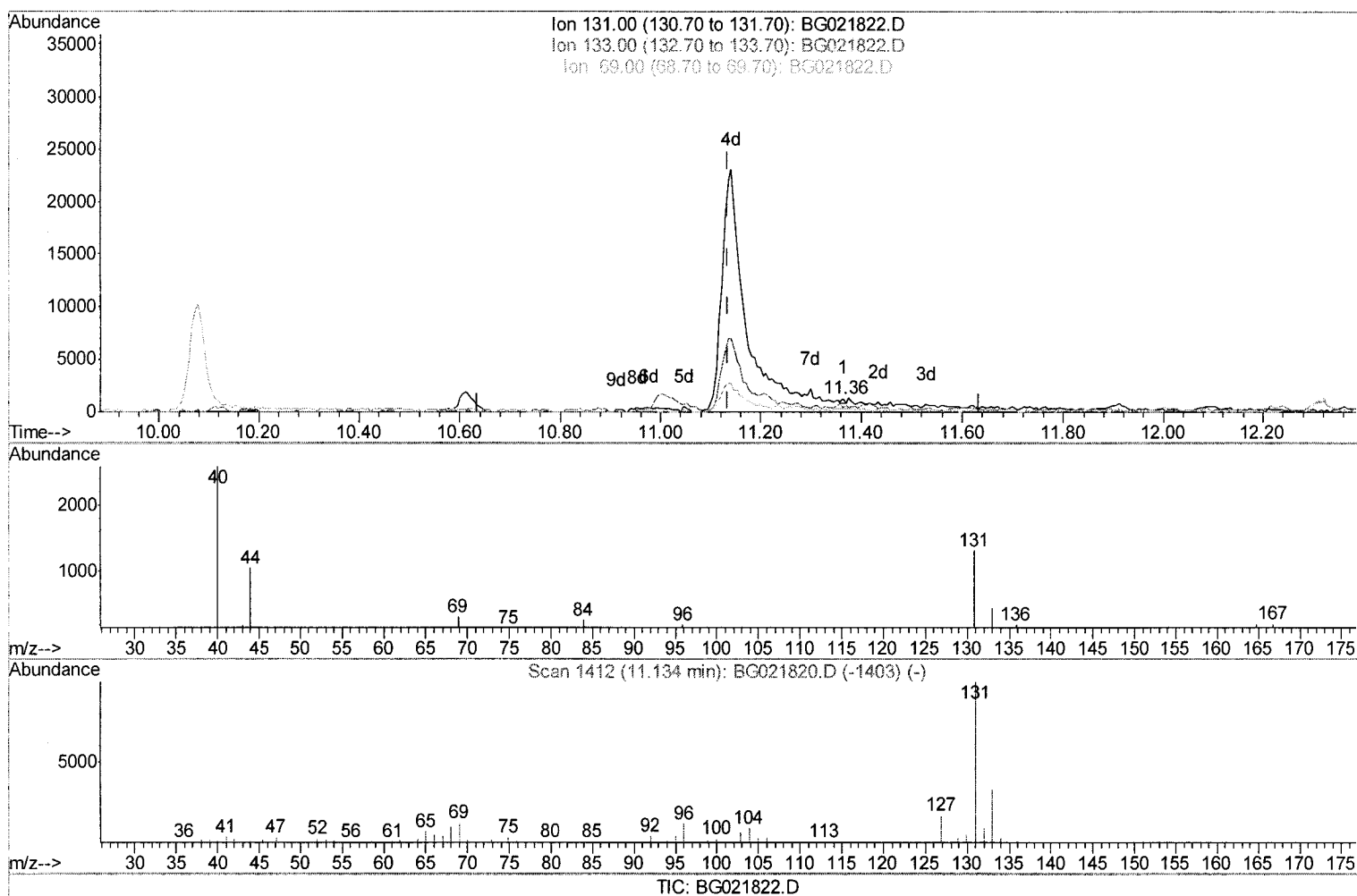
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(29) 4-Chloroaniline-d4 (S)

11.364min (+0.229) 0.03ng/ul

response 156

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	34.04
69.00	23.00	23.69
0.00	0.00	0.00

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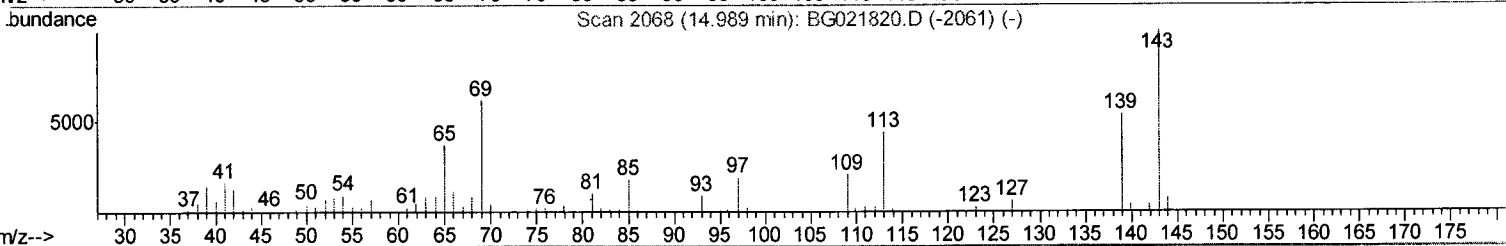
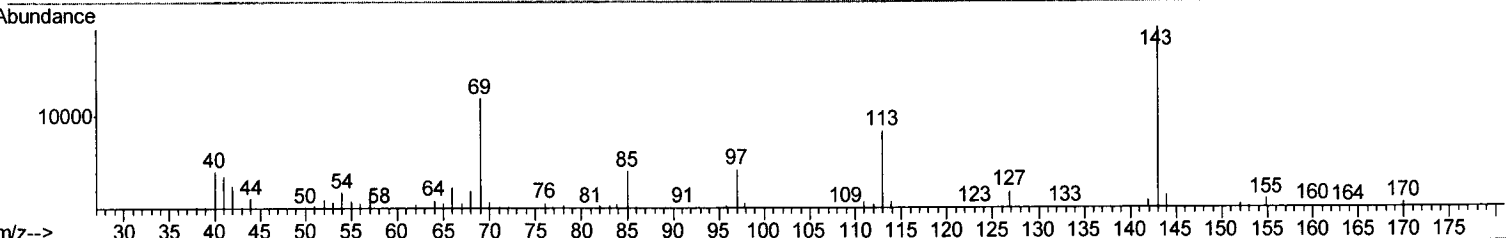
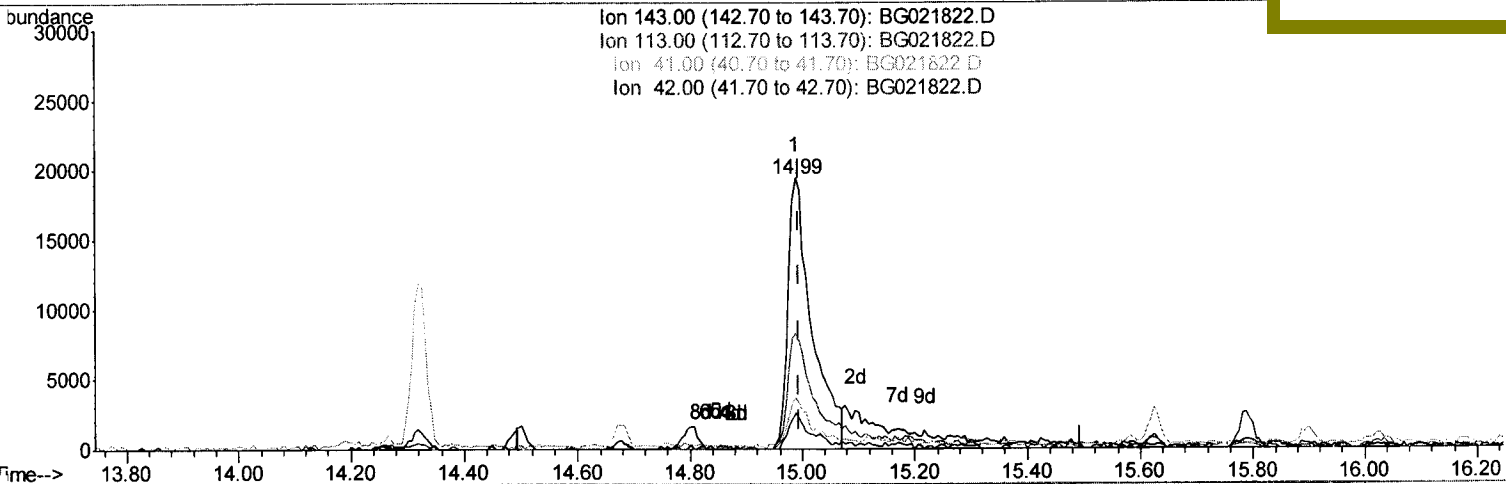
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TIC: BG021822.D

(52) 4-Nitrophenol-d4 (S)

14.989min (-0.006) 21.68ng/ul

response 57466

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	42.91#
41.00	49.70	18.53#
42.00	33.70	13.06#

Quantitation Report (Qedit)

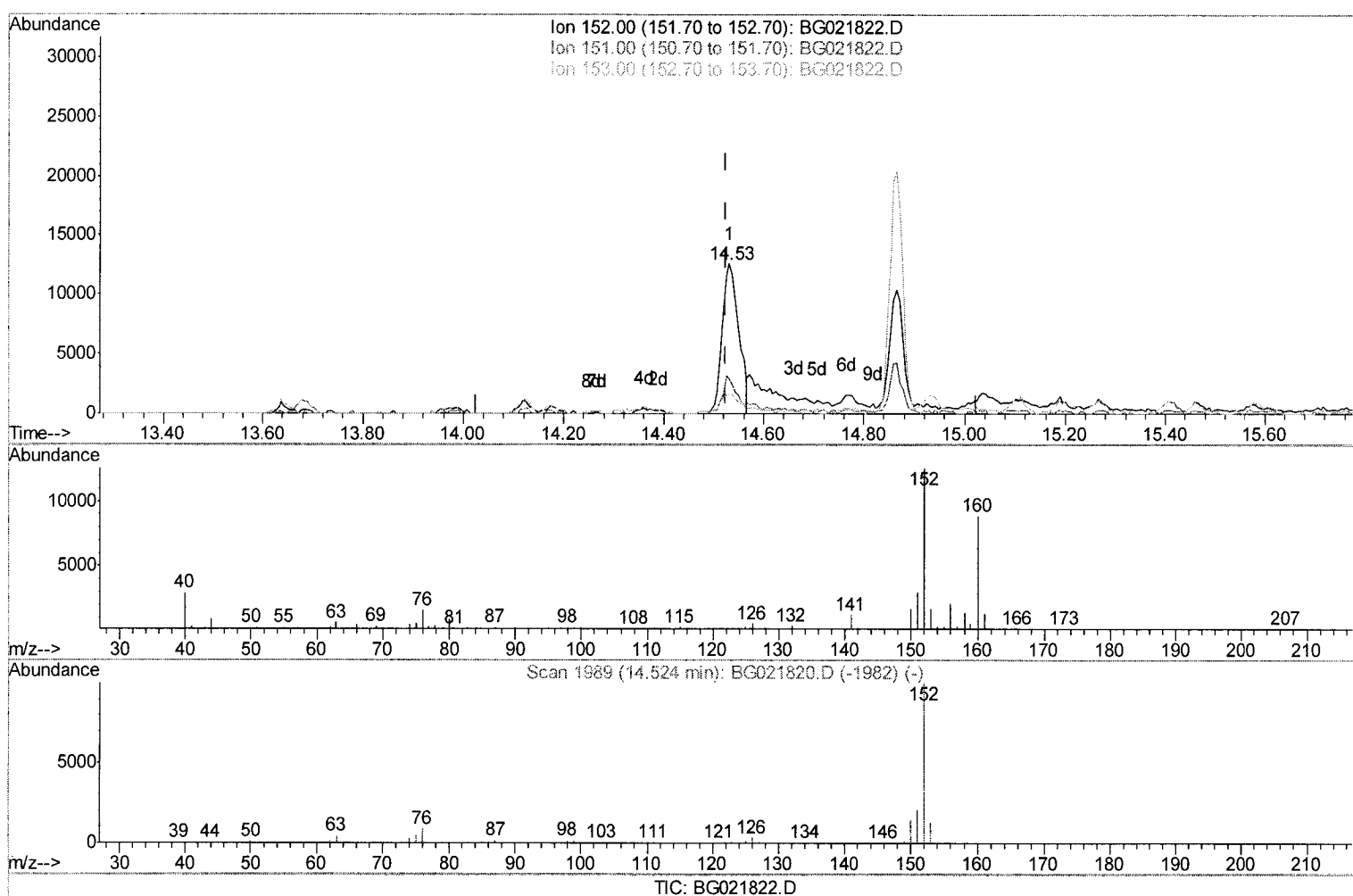
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0

Manual Integrations
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Quant Time: May 11 19:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



(48) Acenaphthylene

14.531min (+0.006) 1.28ng/ul

response 28861

Ion	Exp%	Act%
152.00	100	100
151.00	21.60	23.62
153.00	13.90	13.52
0.00	0.00	0.00

Quantitation Report (Qedit)

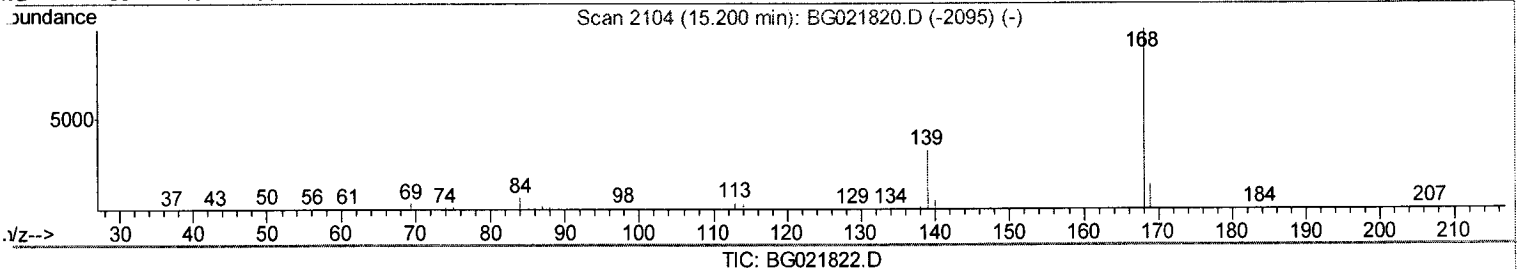
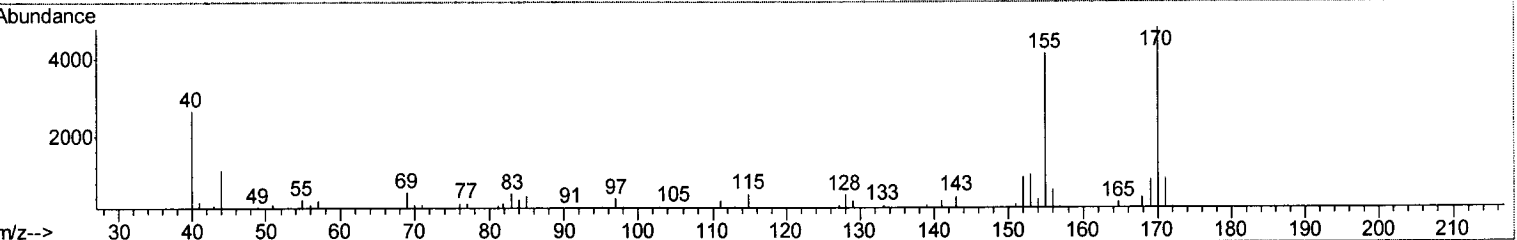
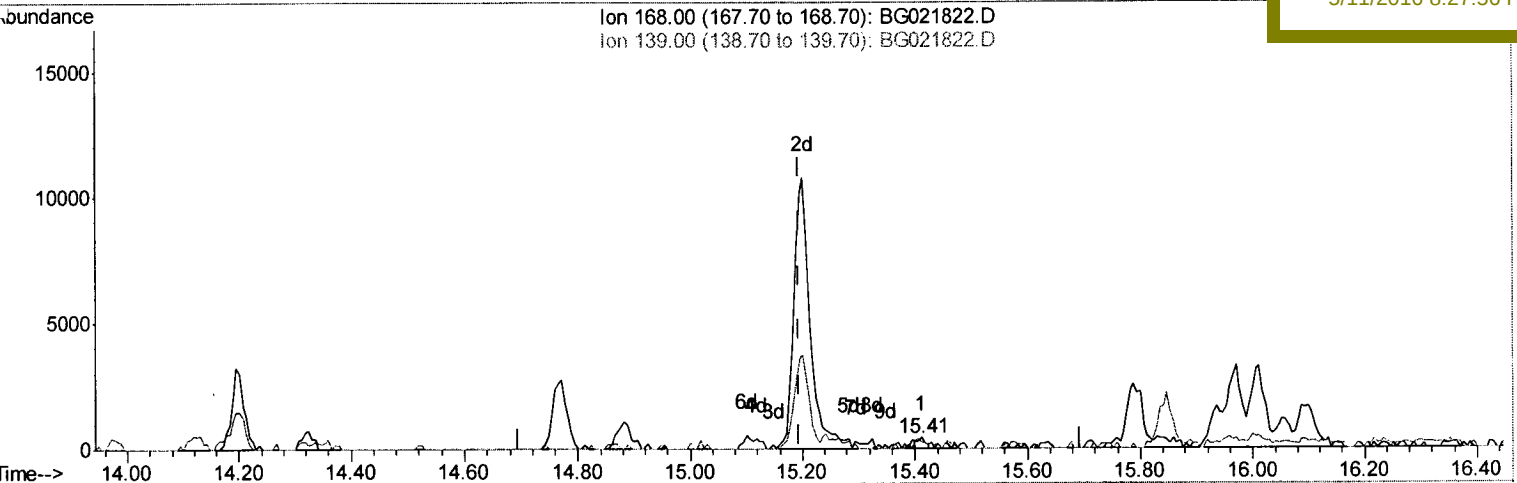
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: May 11 19:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
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 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



(54) Dibenzofuran

15.412min (+0.218) 0.02ng/ul

response 408

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	52.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

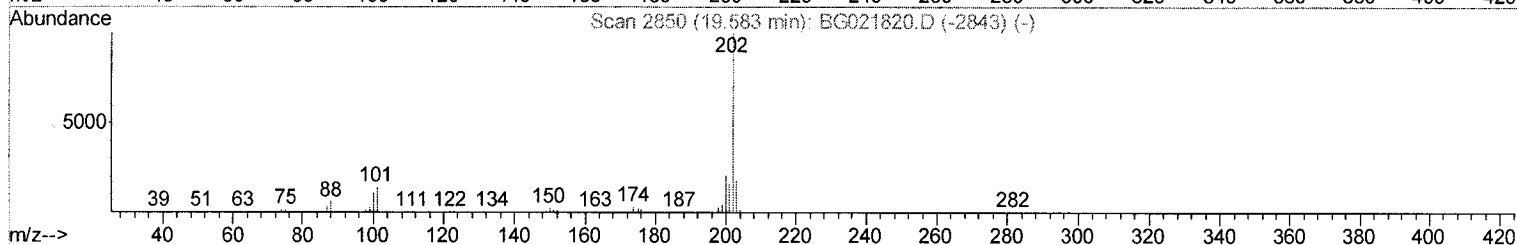
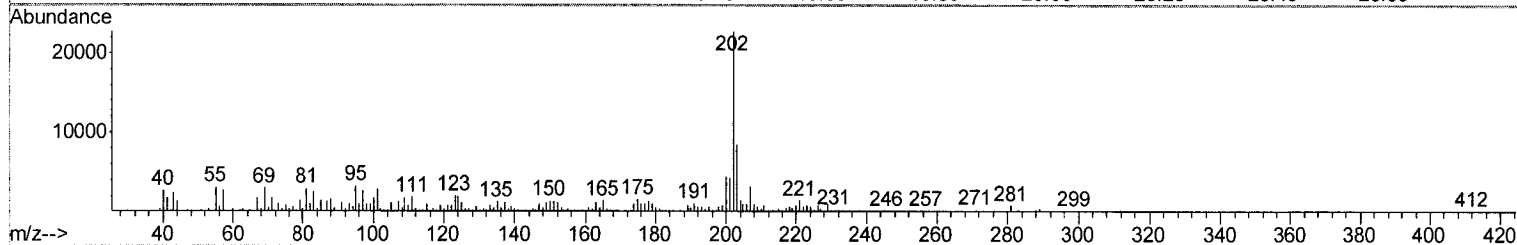
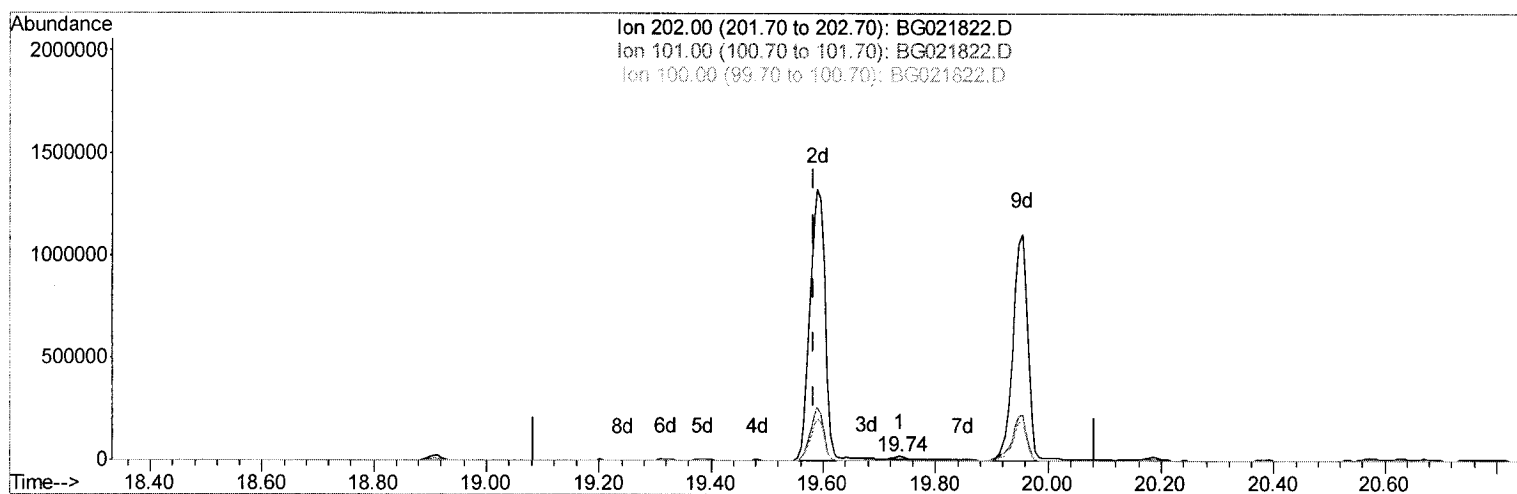
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG021822.D

(75) Fluoranthene (C)

19.736min (+0.153) 0.94ng/ul

response 25992

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	12.76
100.00	8.70	8.31
0.00	0.00	0.00

Quantitation Report (Qedit)

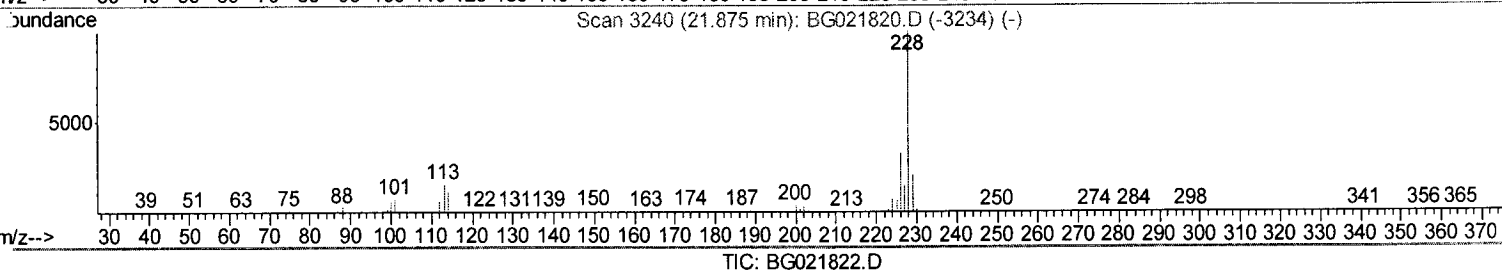
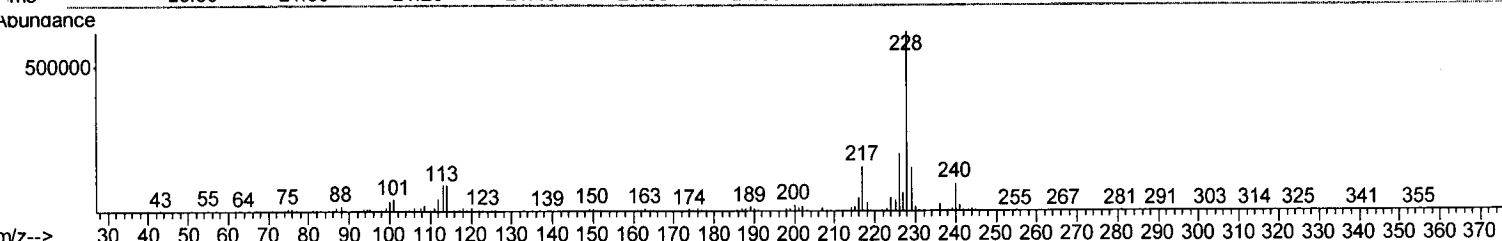
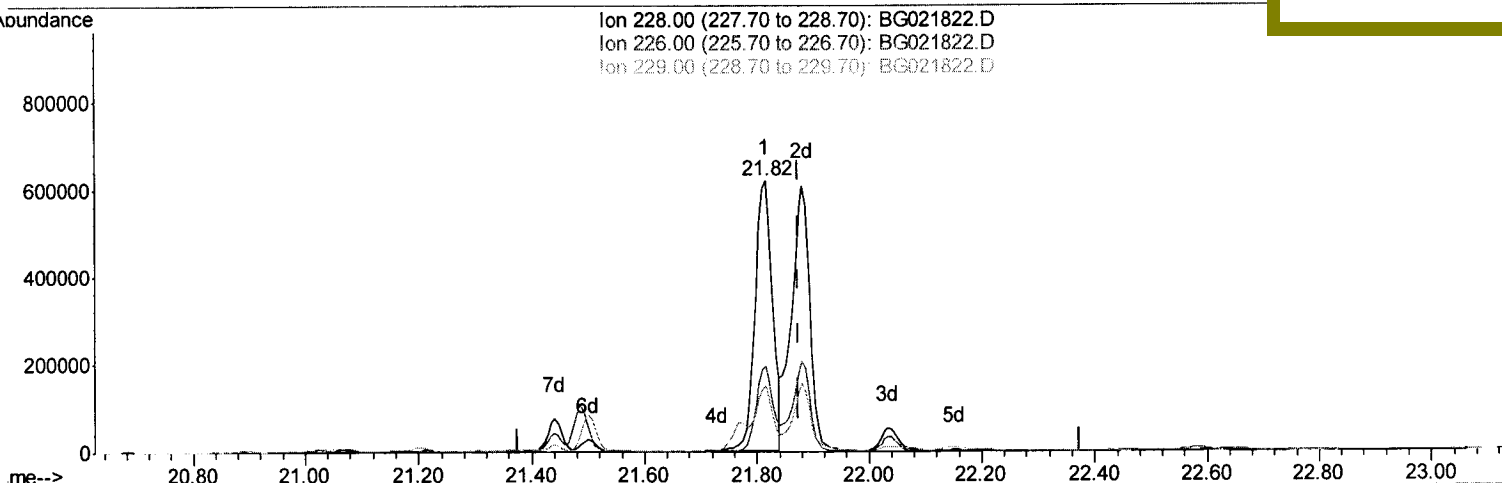
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0

Manual Integrations
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Quant Time: May 11 19:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
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(83) Chrysene

21.816min (-0.059) 54.05ng/ul

response 1329266

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.53
229.00	20.20	23.93
0.00	0.00	0.00

Quantitation Report (Qedit)

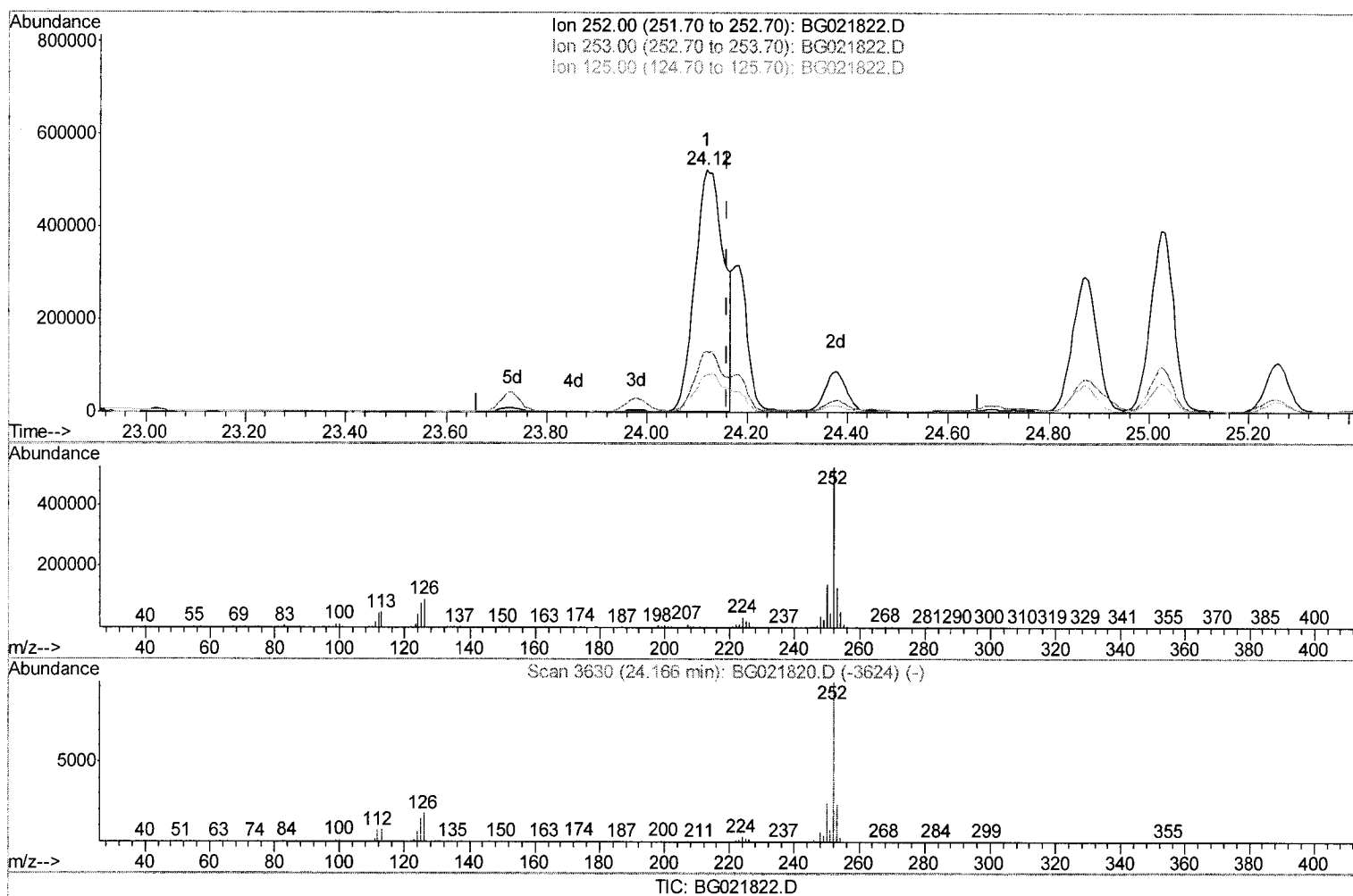
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0

Manual Integrations
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Quant Time: May 11 19:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
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 Response via : Initial Calibration



(87) Benzo(k)fluoranthene
 24.119min (-0.041) 77.67ng/ul

response 2085517

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.04
125.00	9.60	15.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

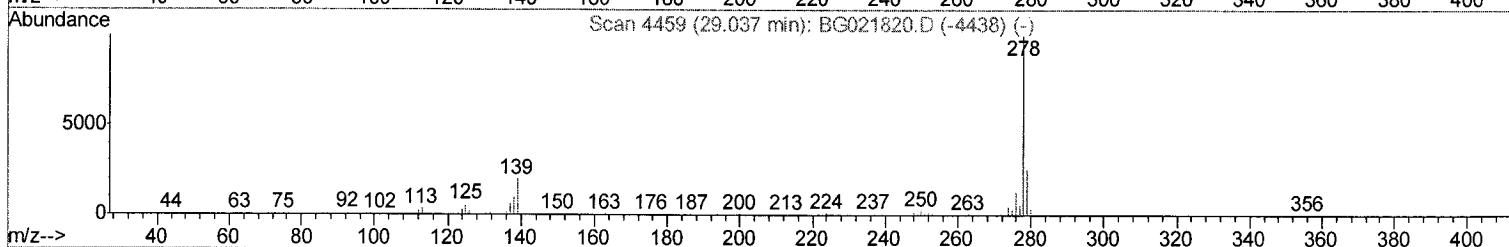
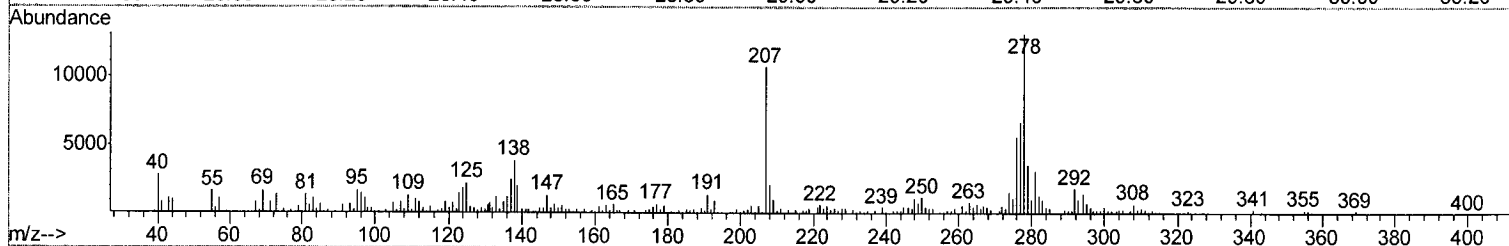
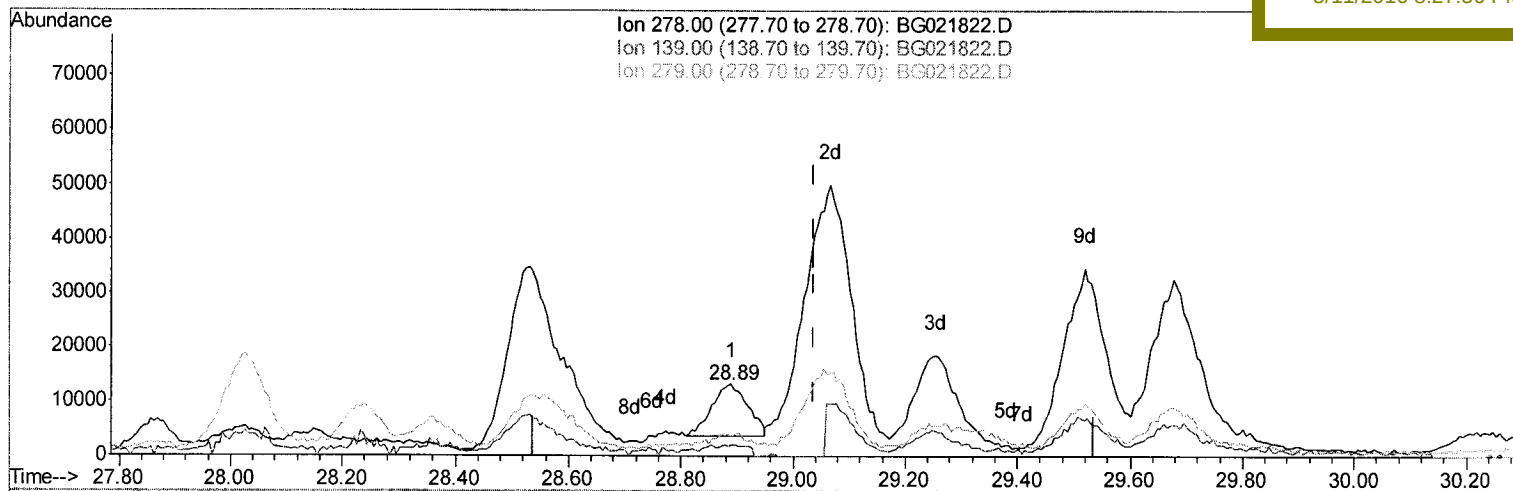
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9XB0

Quant Time: May 11 19:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BG021822.D

(91) Dibenzo(a,h)anthracene

28.890min (-0.147) 1.72ng/ul

response 42265

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.18
279.00	24.80	27.87
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021822.D
 Acq On : 10 May 2016 18:42
 Operator : UM/SJ
 Sample : H2938-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0

Manual Integrations
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Quant Time: May 11 11:54:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	80008	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	395443	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	220200	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	443664	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	446780	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	438166	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7232	4.36	ng/uL	0.00
5) Phenol-d5	7.33	99	164788	27.76	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.50	67	80697	27.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	147809	32.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	124287m	24.92	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	77091	29.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	73397m	44.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	142936m	30.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	81114m	16.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	453366	29.31	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	610198	27.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	70785m	26.70	ng/ul	0.00
58) Fluorene-d10	15.79	176	419474	25.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	43304	35.24	ng/ul	0.00
71) Anthracene-d10	17.64	188	576610	26.70	ng/ul	0.00
77) Pyrene-d10	19.92	212	620526	29.67	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	577428	27.74	ng/ul	0.03

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	11.05	128	24524	1.24	ng/ul	98
45) Dimethylphthalate	14.25	163	81847	5.19	ng/ul	98
48) Acenaphthylene	14.53	152	42213m	1.87	ng/ul	96
50) Acenaphthene	14.87	153	36545	2.34	ng/ul	96
54) Dibenzofuran	15.20	168	21612m	1.03	ng/ul	99
59) Fluorene	15.85	166	44443	2.45	ng/ul	99
70) Phenanthrene	17.59	178	1146923	47.28	ng/ul	93
72) Anthracene	17.67	178	156892	6.37	ng/ul	100
73) Carbazole	17.94	167	152424	7.14	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	59252	3.05	ng/ul#	95
75) Fluoranthene	19.59	202	2475801m	89.84	ng/ul	82
78) Pyrene	19.95	202	1996728	77.25	ng/ul#	82
81) Benzo(a)anthracene	21.82	228	1329266	53.46	ng/ul#	91
82) Bis(2-ethylhexyl)phthalate	21.70	149	170099	18.24	ng/ul	98
83) Chrysene	21.88	228	1385003m	56.31	ng/ul	92
86) Benzo(b)fluoranthene	24.12	252	2085517	83.15	ng/ul#	92
87) Benzo(k)fluoranthene	24.18	252	660009m	24.58	ng/ul	91
89) Benzo(a)pyrene	25.02	252	1261059	50.51	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	29.03	276	1004632	33.95	ng/ul#	91
91) Dibenzo(a,h)anthracene	29.07	278	264136m	10.73	ng/ul	89
92) Benzo(g,h,i)perylene	30.23	276	798276	32.69	ng/ul#	89

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Quantitation Report (LSC Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
 BNA_G
 ClientSampleId :
 D9XB0

Manual Integrations
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