

Quantitation Report (QT Reviewed)

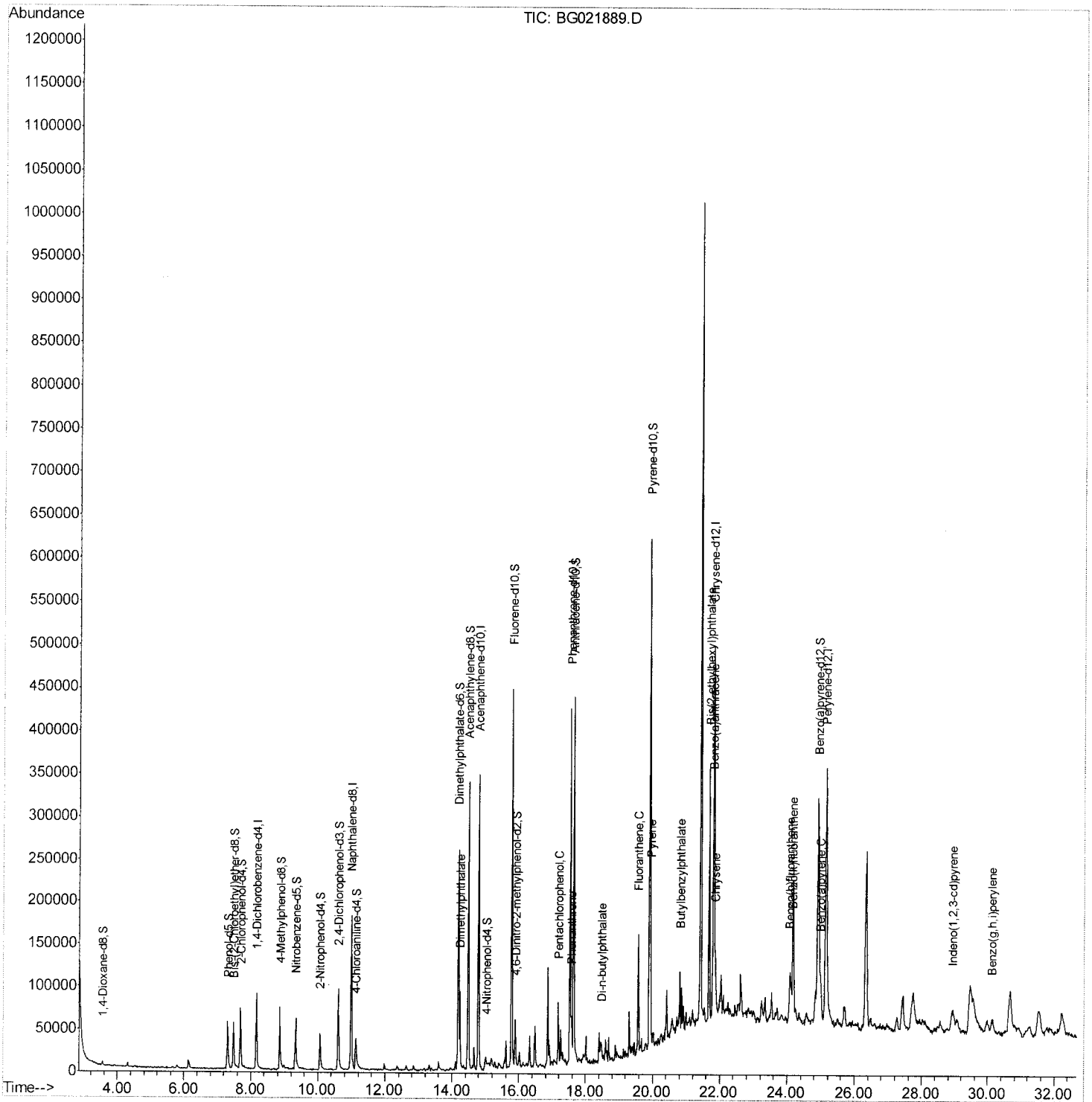
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021889.D
 Acq On : 15 May 2016 12:14
 Operator : UM/SJ
 Sample : H3096-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF7

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:03:42 PM

Quant Time: May 16 01:44:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

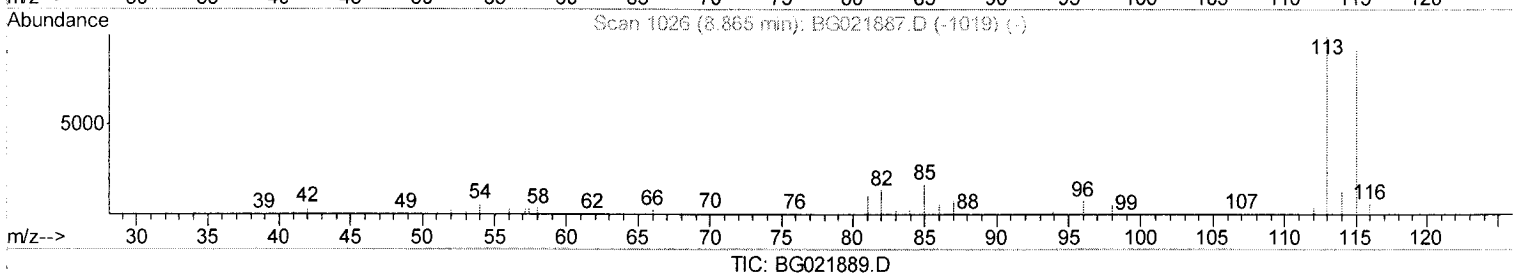
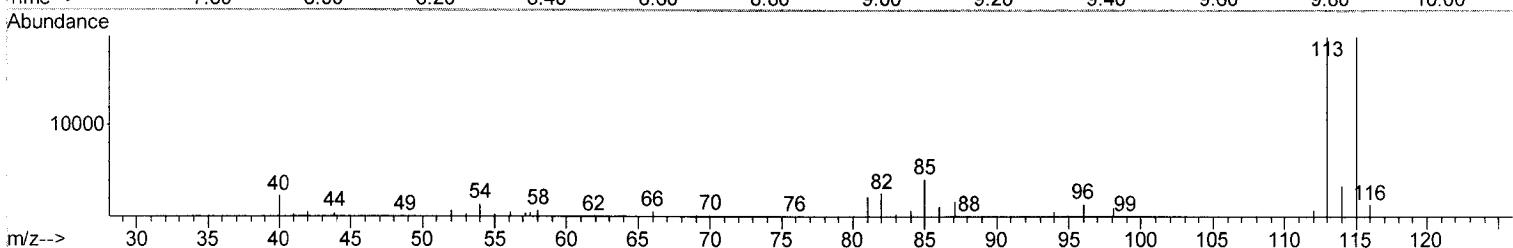
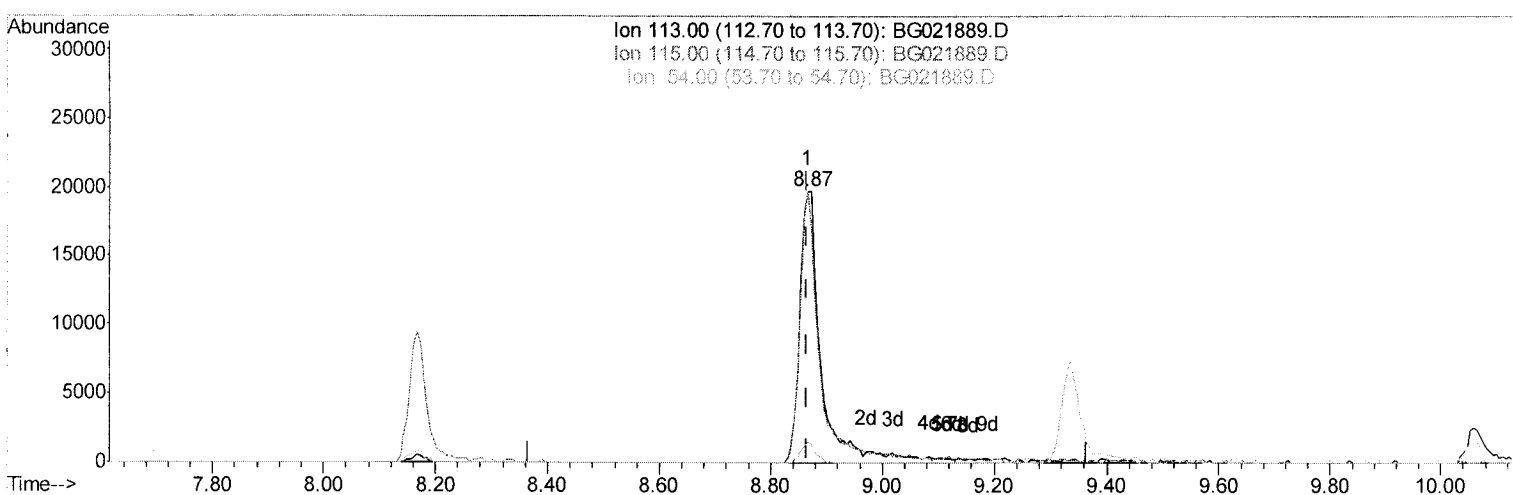
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(13) 4-Methylphenol-d8 (S)

8.866min (+0.001) 21.80ng/ul m U.M

response 52592

05/17/16

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	99.84
54.00	18.70	7.70#
0.00	0.00	0.00

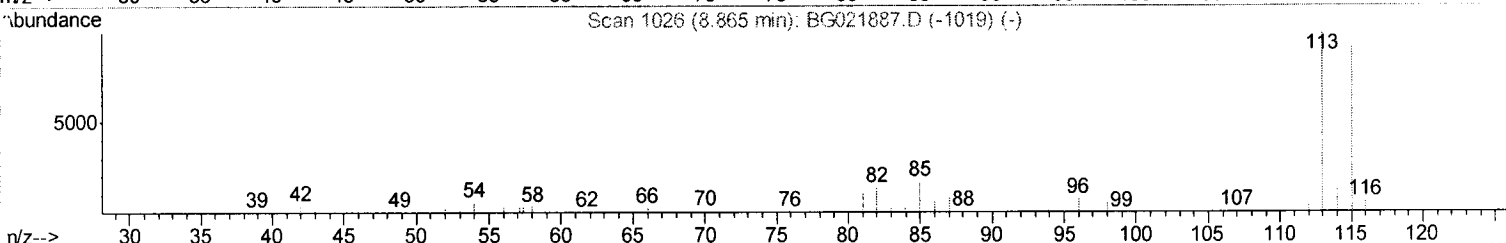
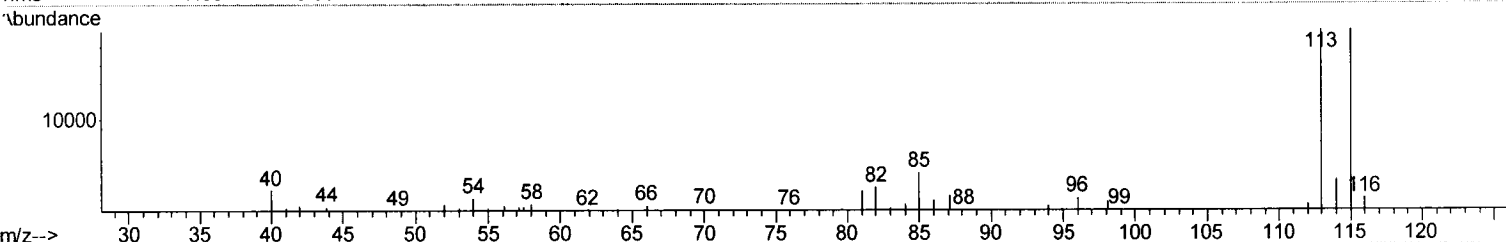
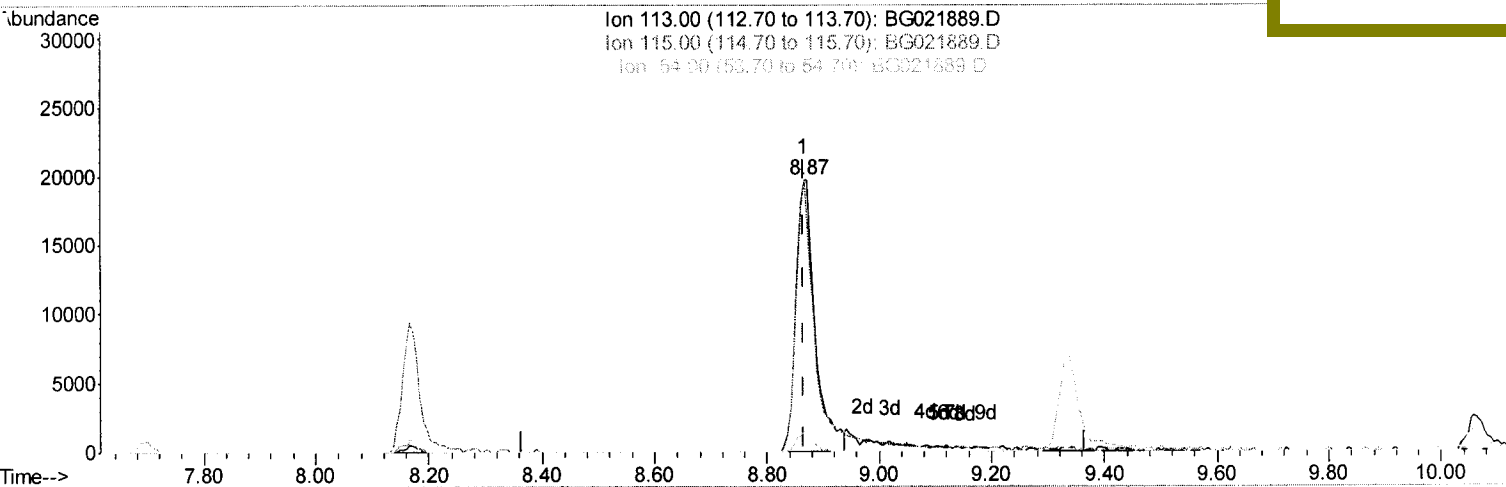
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TIC: BG021889.D

(13) 4-Methylphenol-d8 (S)

8.866min (+0.001) 19.11ng/ul

response 46120

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	99.84
54.00	18.70	7.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

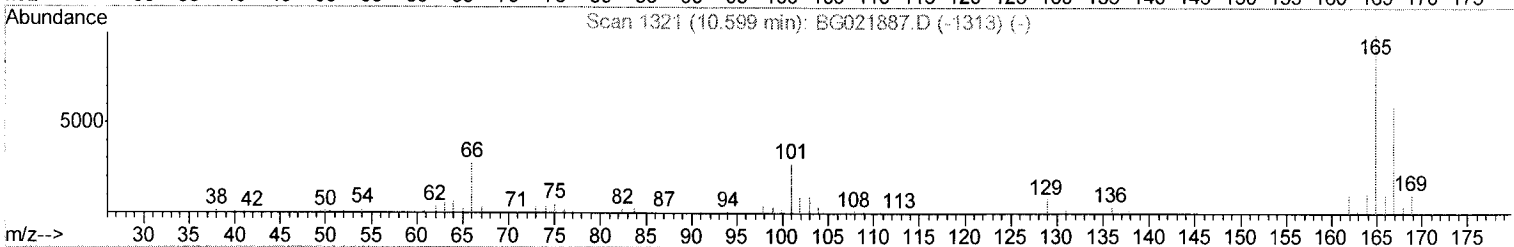
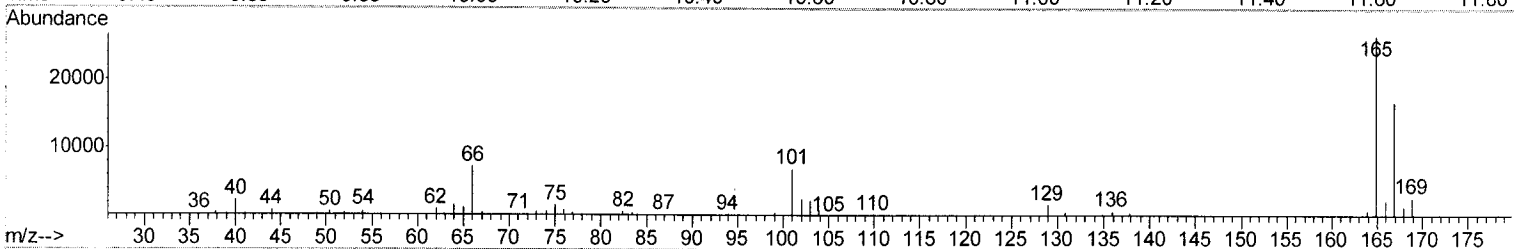
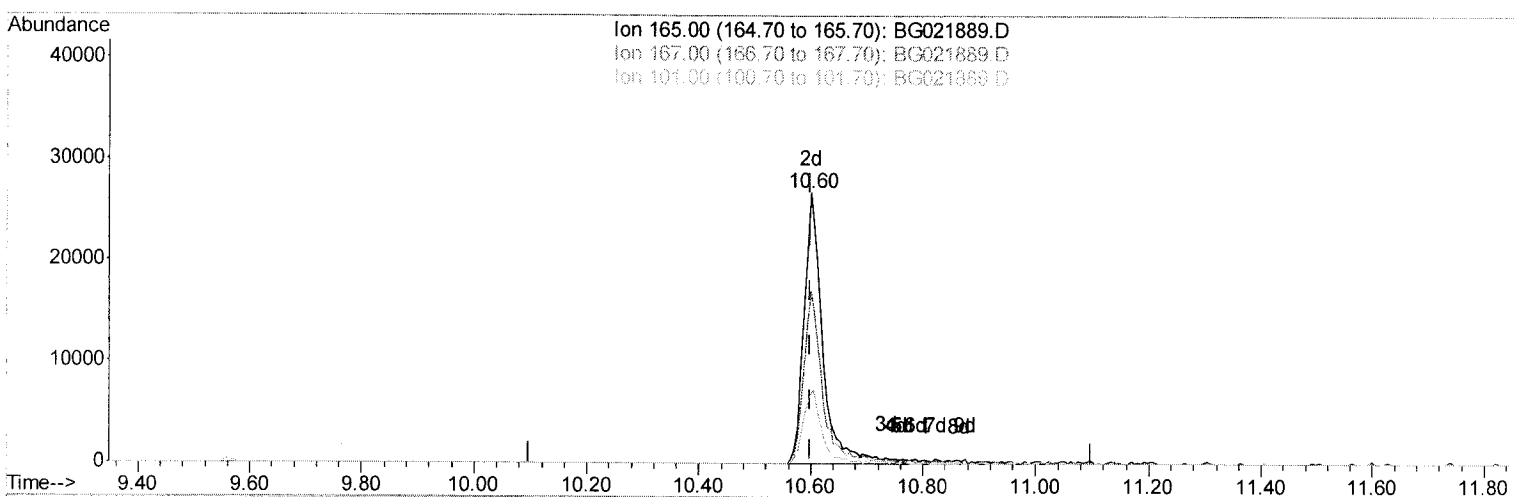
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TIC: BG021889.D

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

10.599min (+0.001) 24.43ng/ul m *U.M*

response 62221

05/17/16

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	63.22
101.00	41.00	25.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

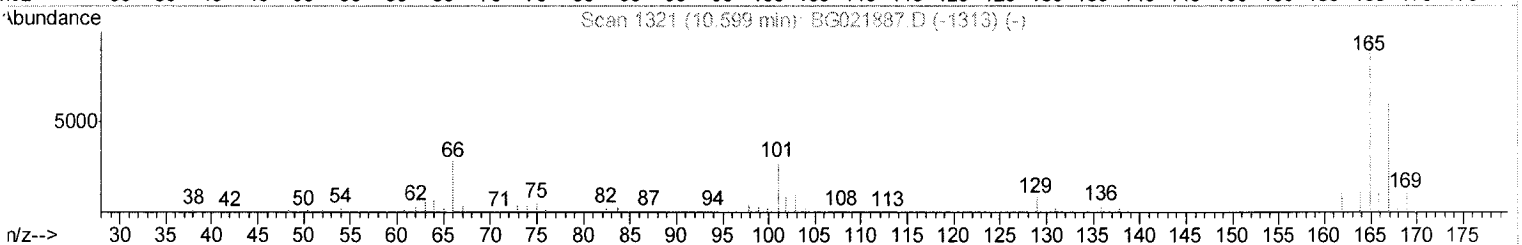
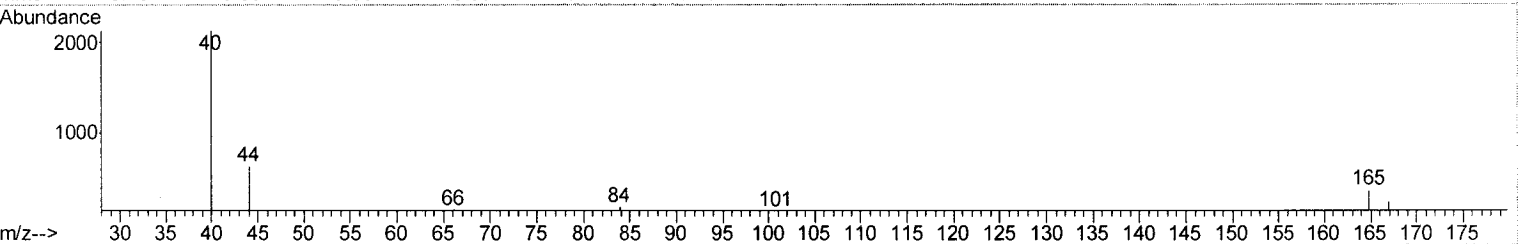
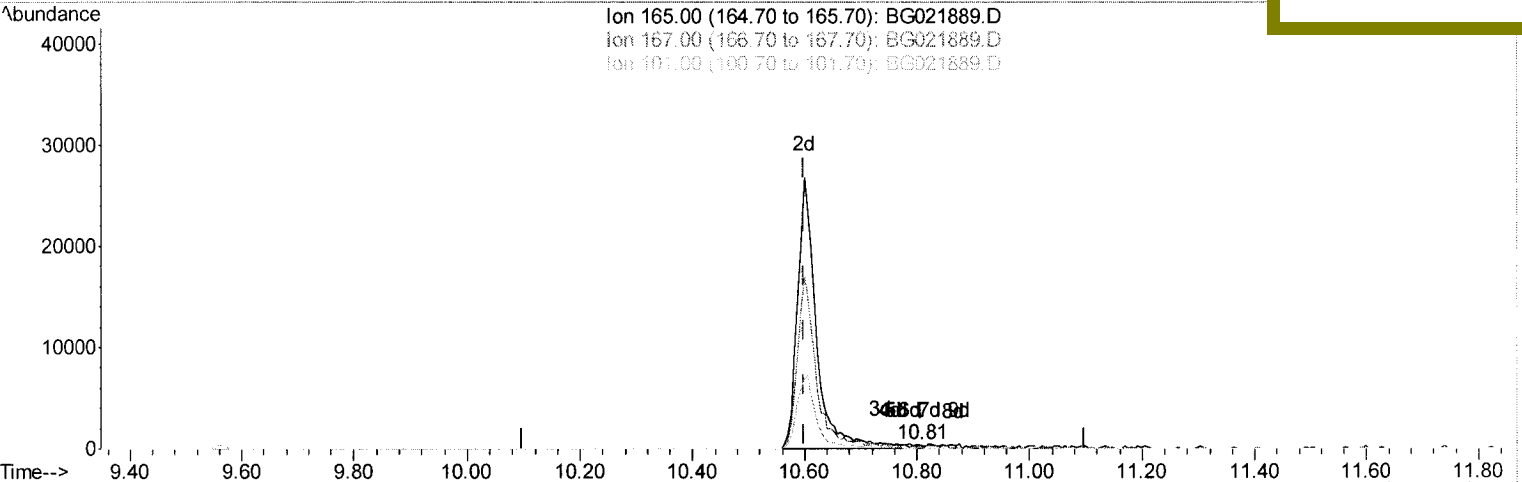
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG021889.D

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

10.805min (+0.206) 0.04ng/ul

response 90

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	66.93
101.00	41.00	42.40
0.00	0.00	0.00

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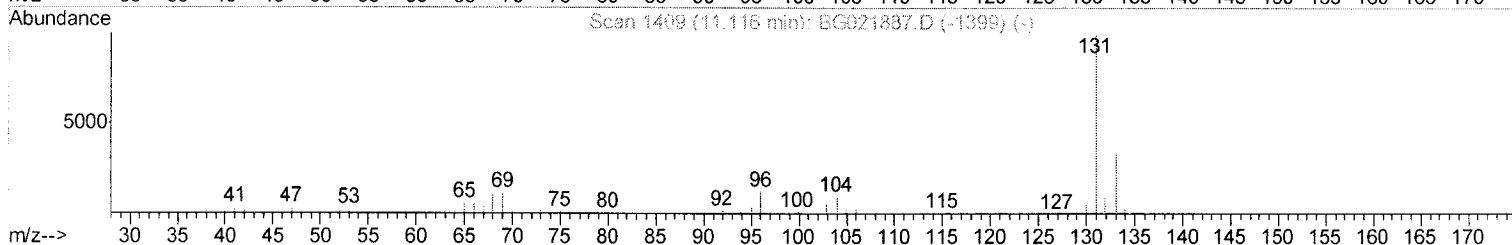
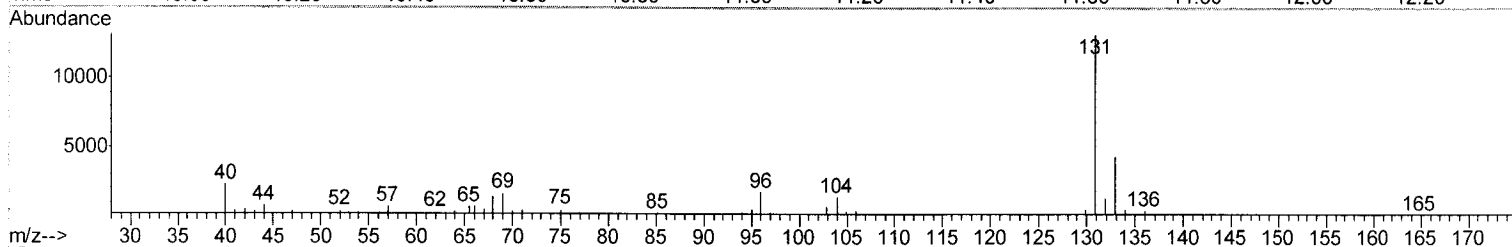
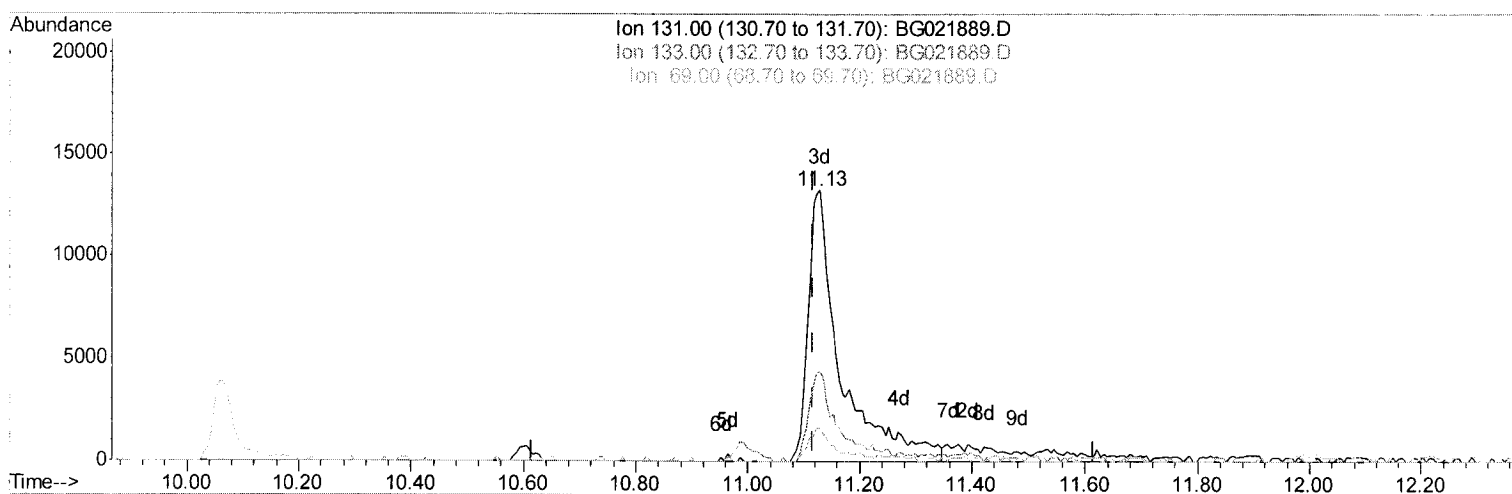
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TIC: BG021889.D

(29) 4-Chloroaniline-d4 (S)

11.128min (+0.013) 19.48ng/ul m U.M

response 53429

05/17/16

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	33.06
69.00	23.00	12.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

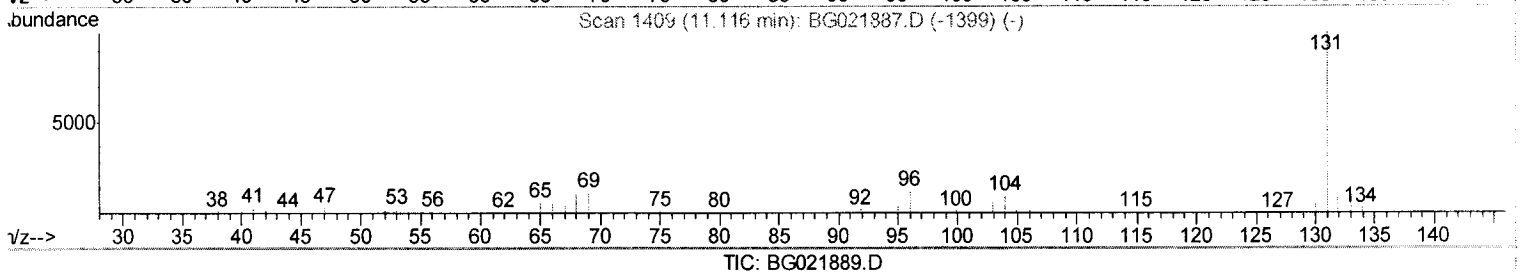
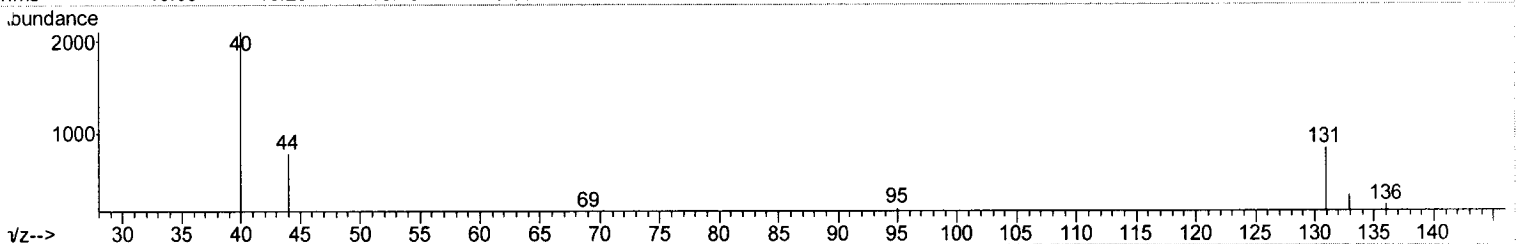
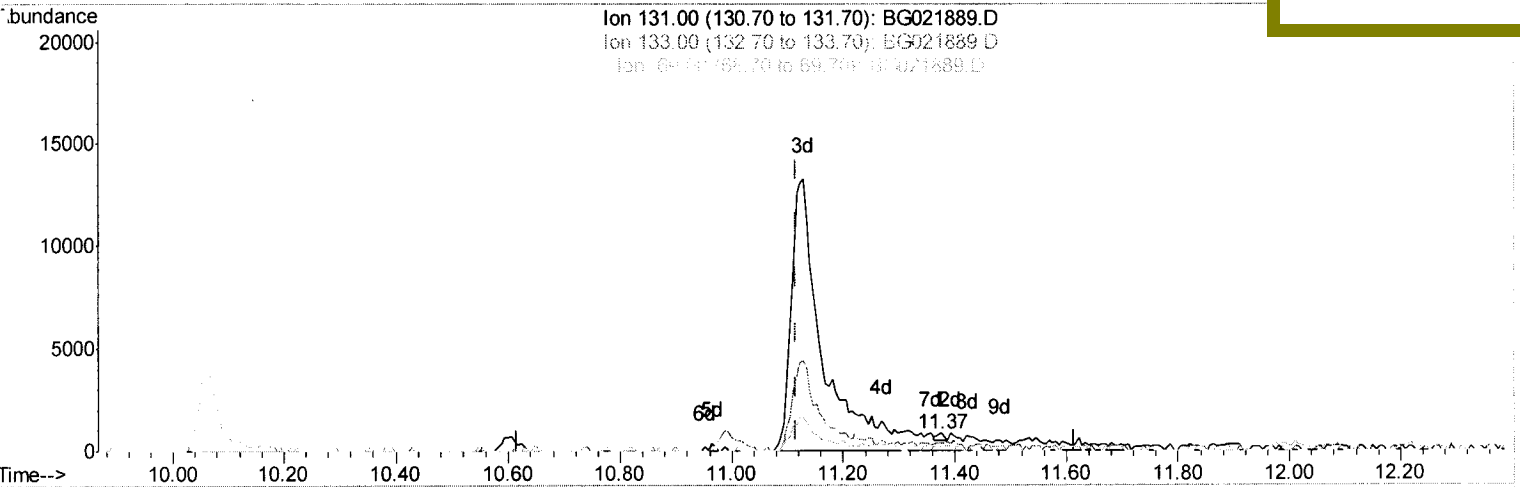
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG021889.D

(29) 4-Chloroaniline-d4 (S)

11.375min (+0.259) 0.12ng/ul

response 333

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	41.11
69.00	23.00	20.38
0.00	0.00	0.00

Quantitation Report (Qedit)

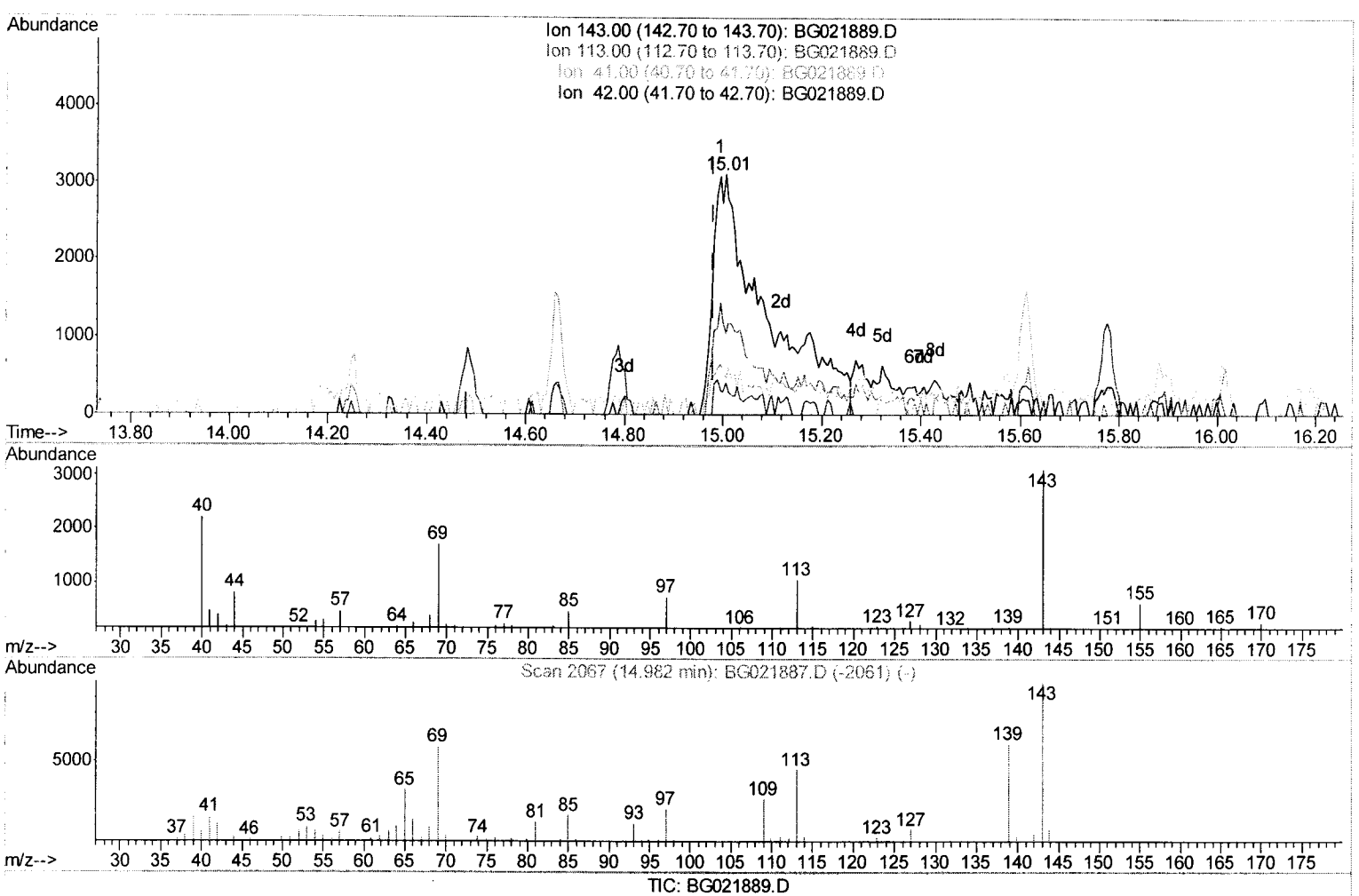
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 Acq On : 15 May 2016 12:14
 Operator : UM/SJ
 Sample : H3096-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

15.006min (+0.024) 14.16ng/ul m U.M
 response 23427 05/17/16

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	33.83#
41.00	49.70	15.14#
42.00	33.70	13.00#

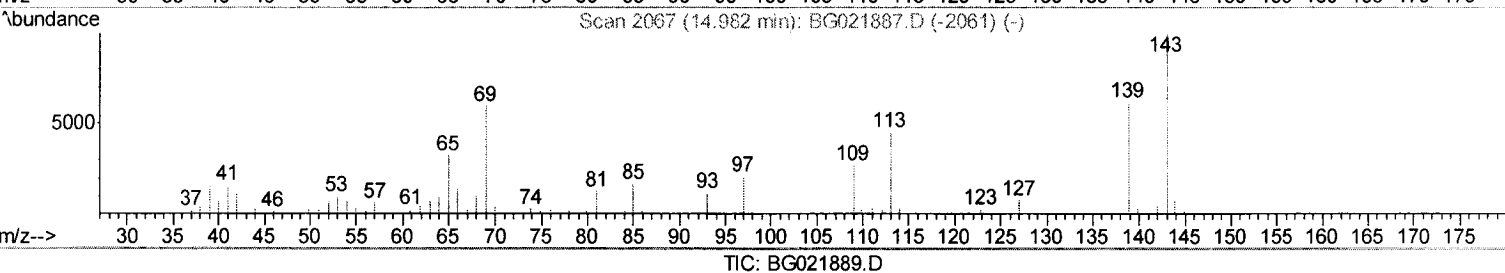
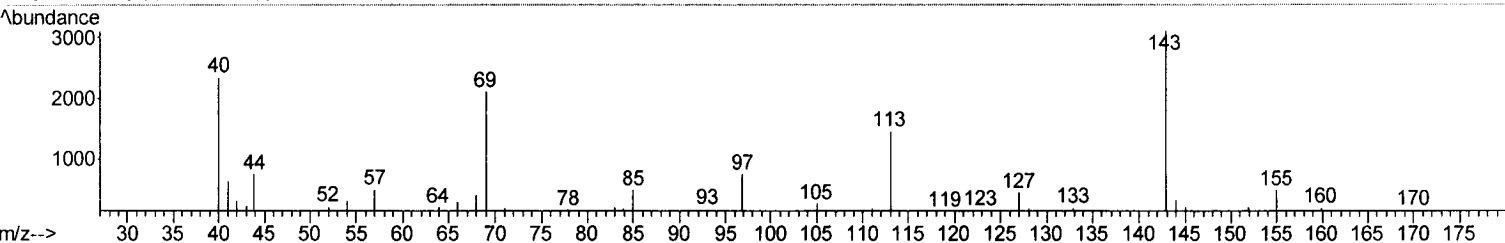
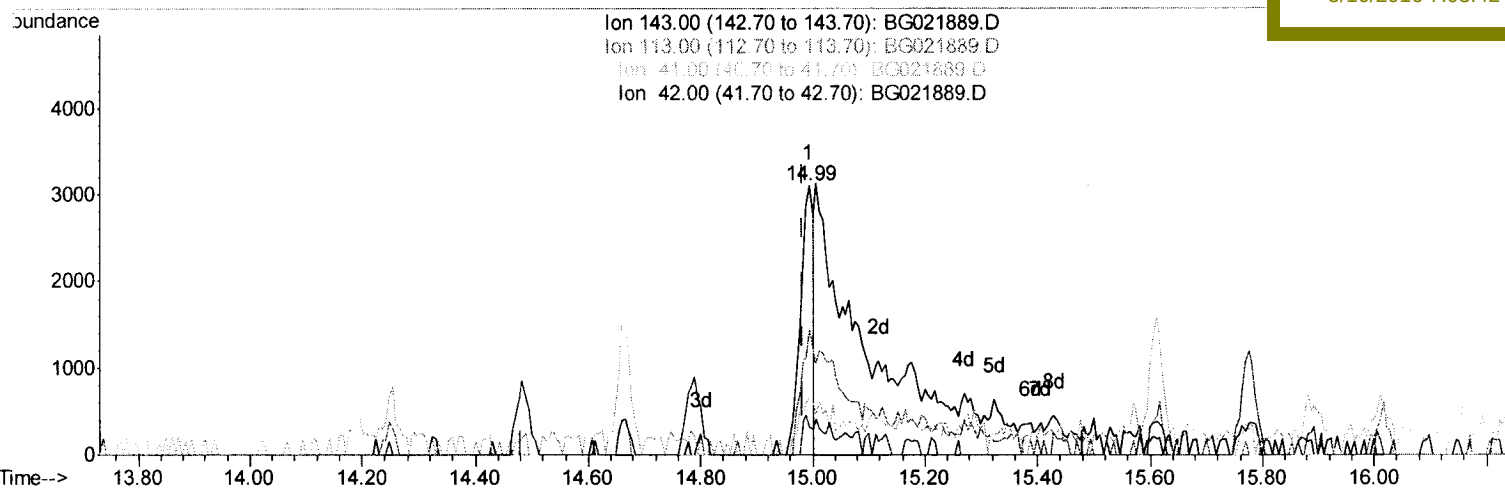
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Sample : H3096-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF7

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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.994min (+0.013) 2.96ng/ul

response 4898

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	46.70#
41.00	49.70	20.87#
42.00	33.70	10.11#

Quantitation Report (Qedit)

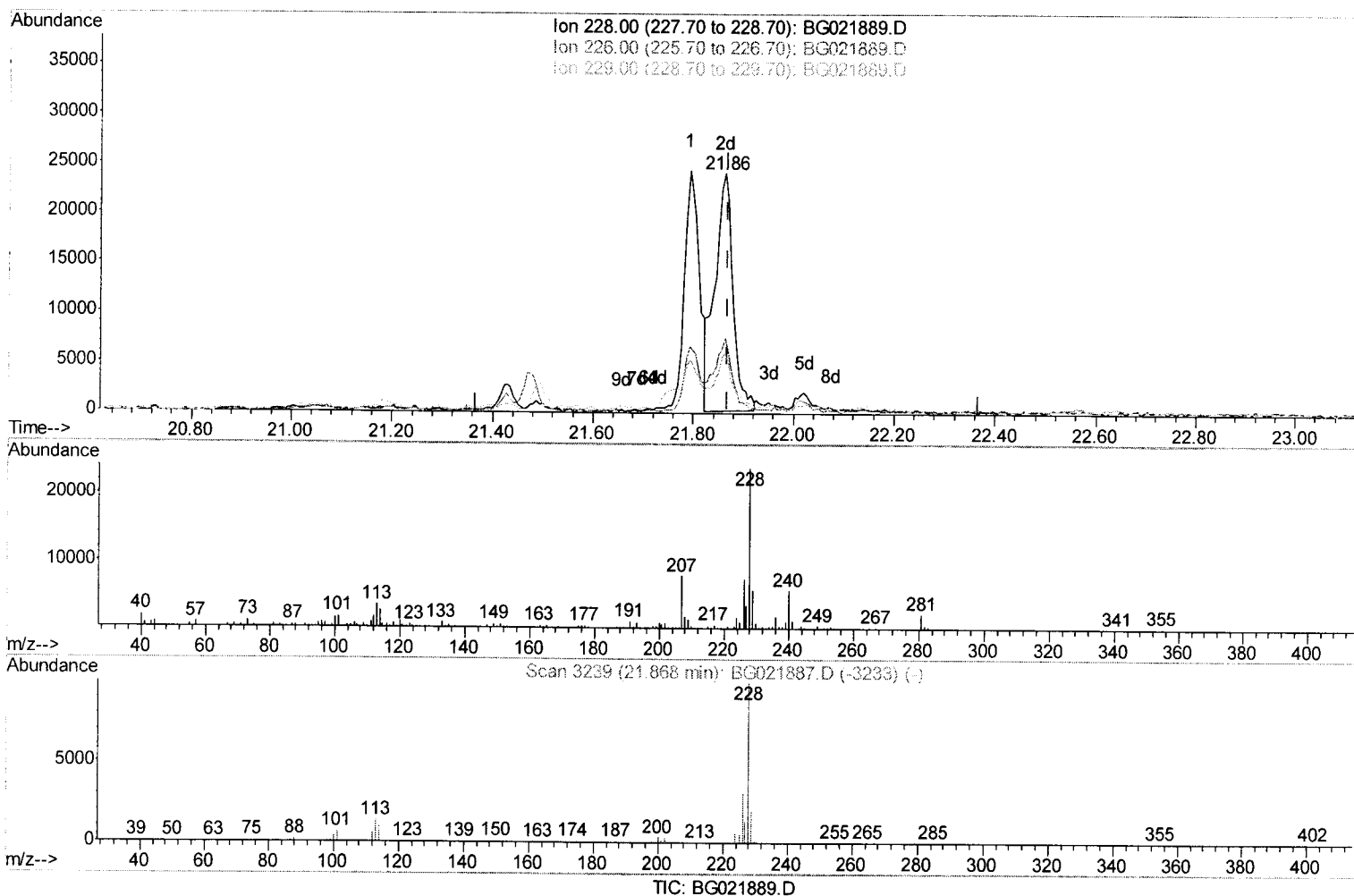
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 Sample : H3096-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF7

Manual Integrations
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(83) Chrysene

21.863min (-0.005) 3.48ng/ul m U.M
 response 59363 05/17/16

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.44
229.00	20.20	24.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

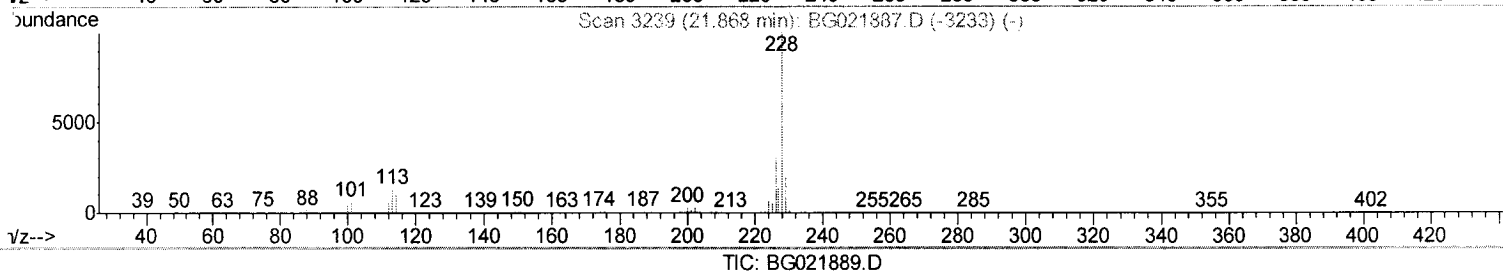
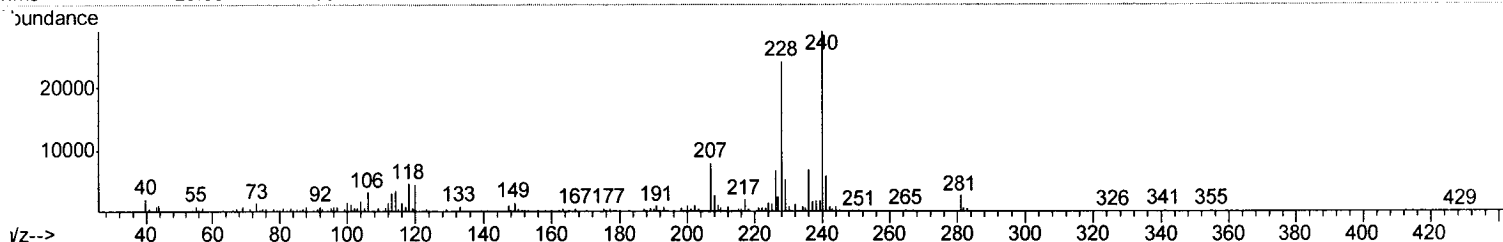
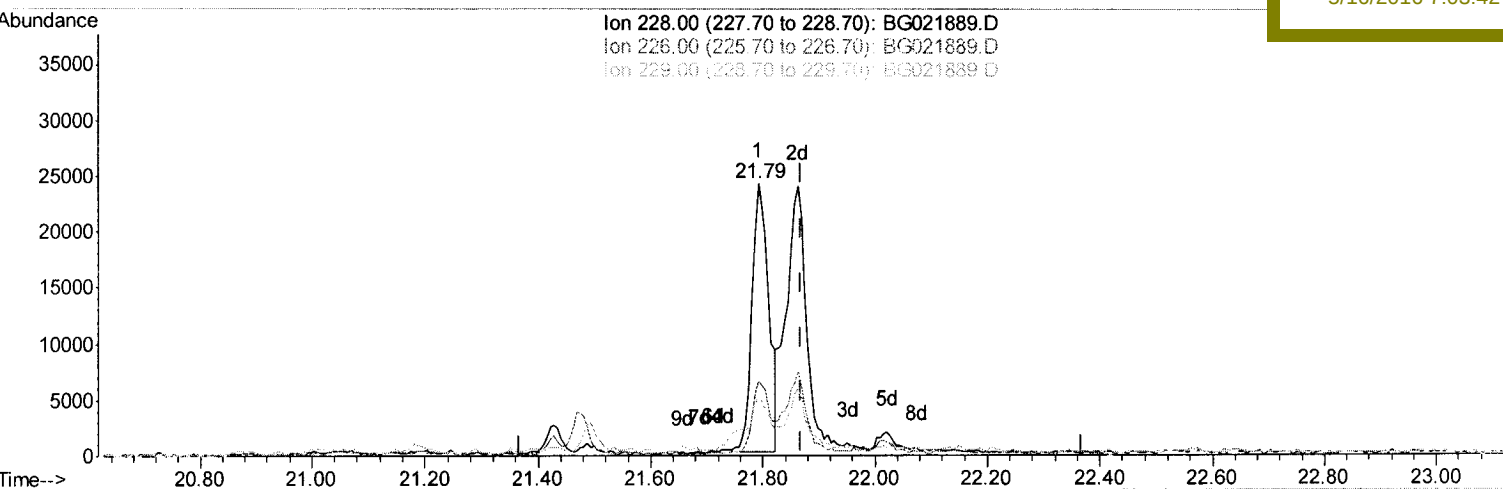
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APPROVED

sohil
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(83) Chrysene

21.792min (-0.076) 2.91ng/ul

response 49682

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	27.97
229.00	20.20	22.20
0.00	0.00	0.00

Quantitation Report (Qedit)

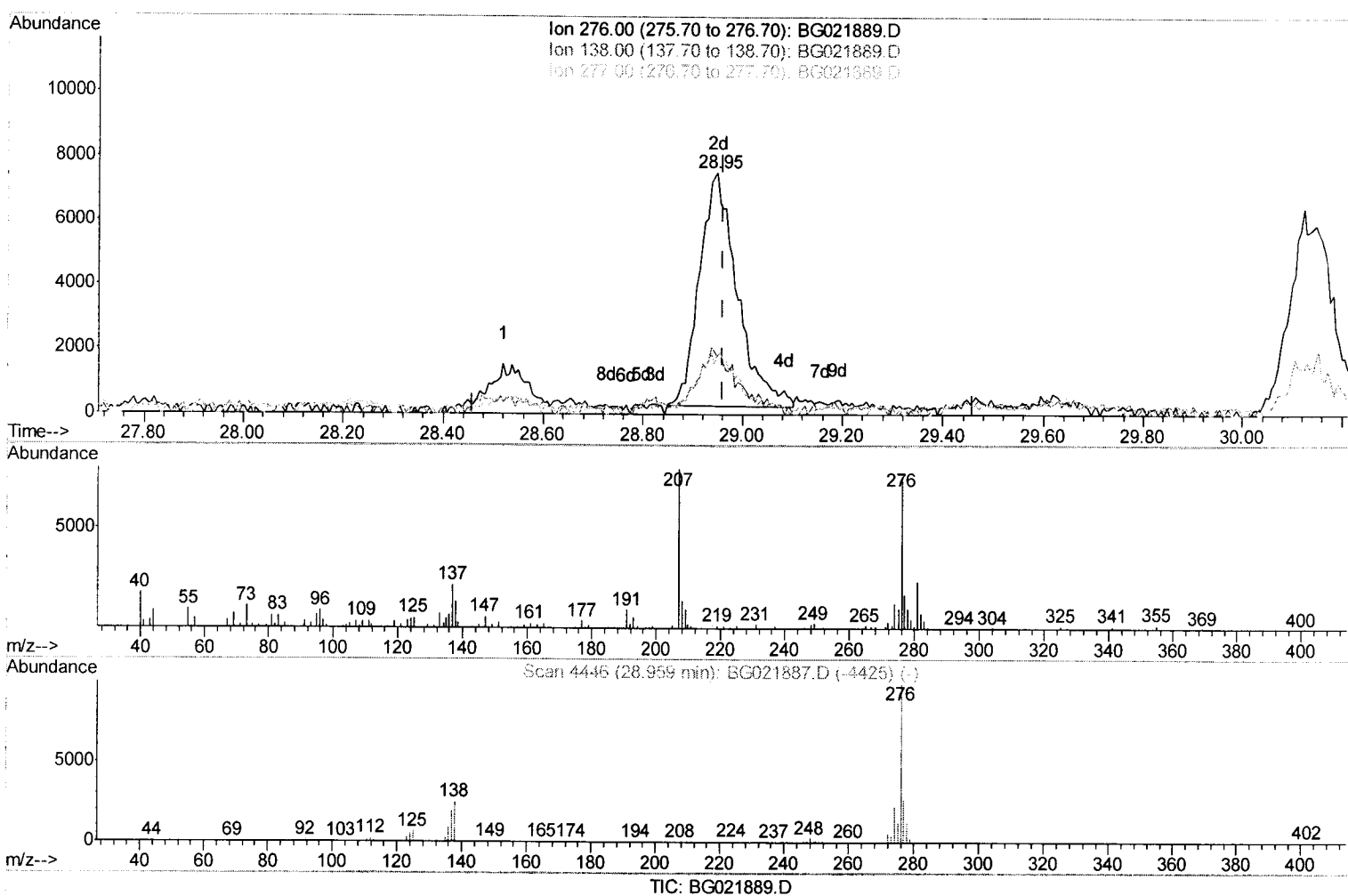
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(90) Indeno(1,2,3-cd)pyrene

28.948min (-0.011) 1.84ng/ul m *U.M*
05/17/16
 response 37801

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	18.83
277.00	23.80	24.14
0.00	0.00	0.00

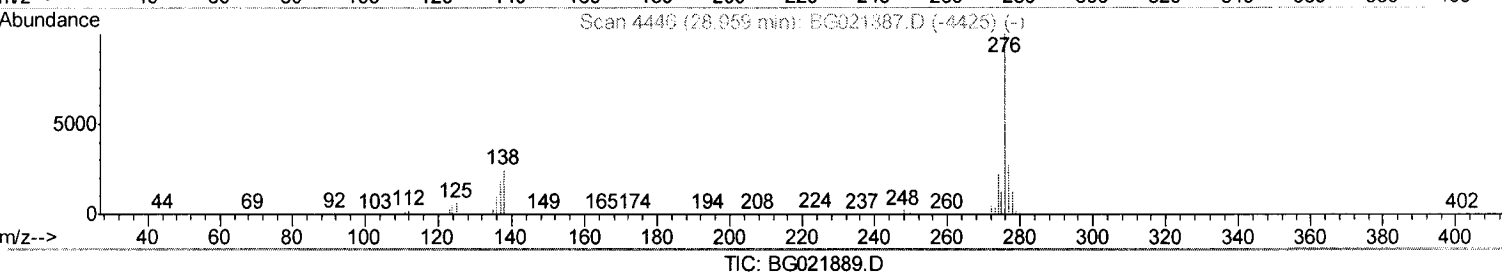
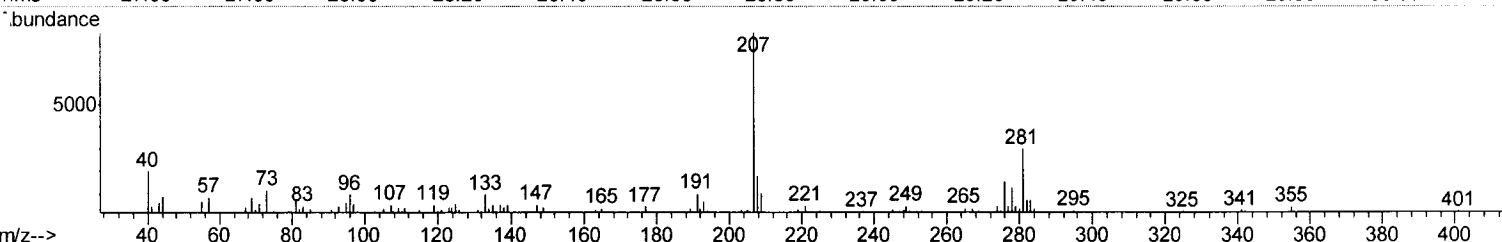
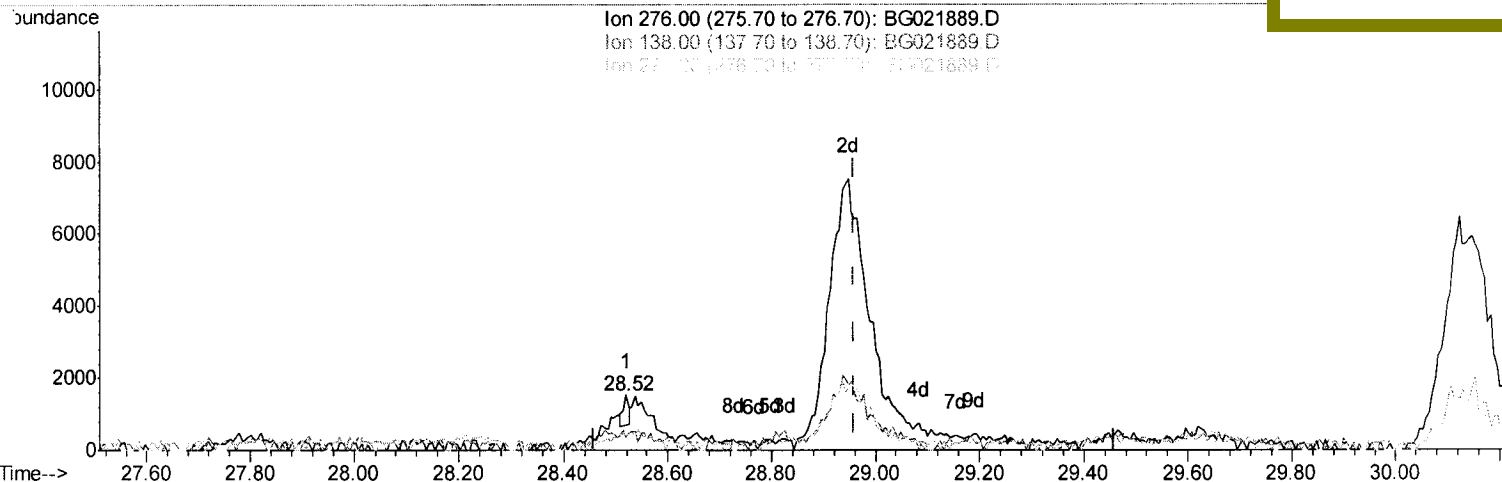
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(90) Indeno(1,2,3-cd)pyrene

28.520min (-0.440) 0.03ng/ul

response 613

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	23.19
277.00	23.80	26.85
0.00	0.00	0.00

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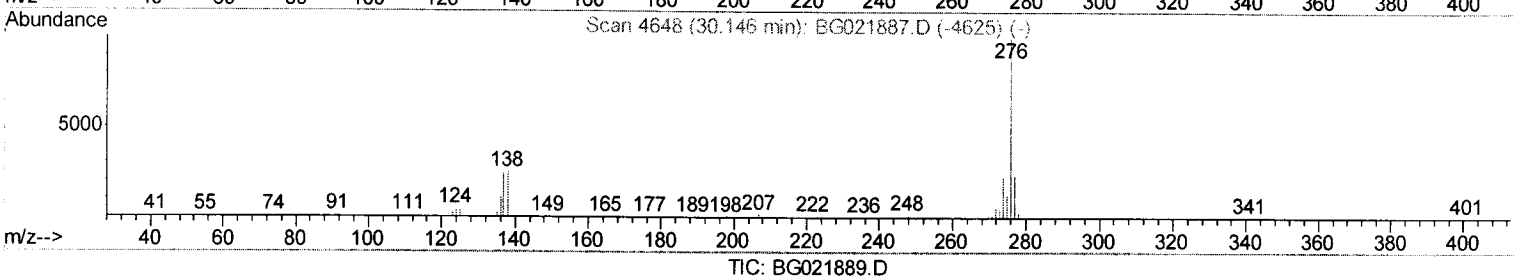
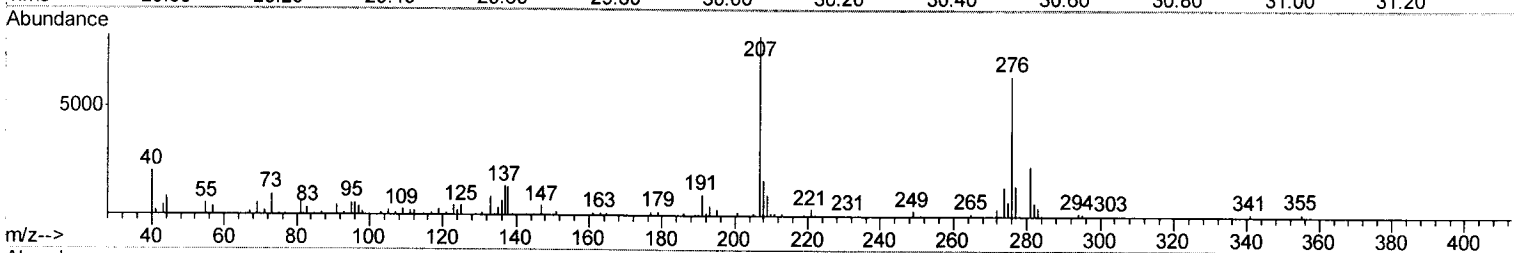
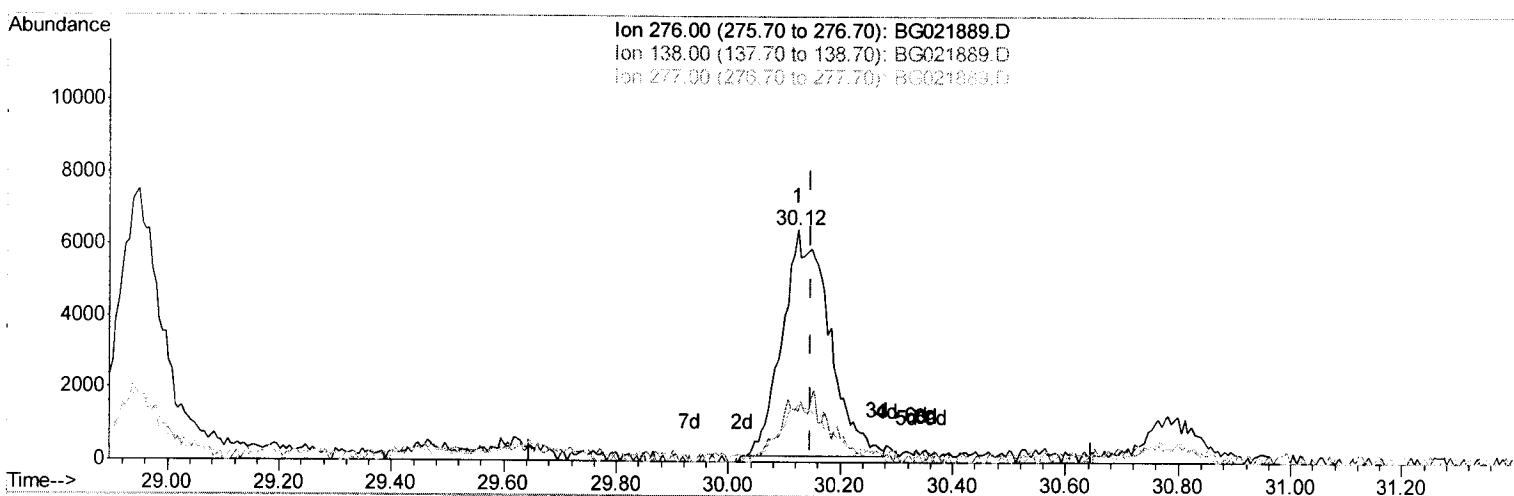
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(92) Benzo(g,h,i)perylene

30.124min (-0.023) 2.15ng/ul m

response 36453

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	21.98#
277.00	24.70	24.19
0.00	0.00	0.00

U.M
 05/17/16

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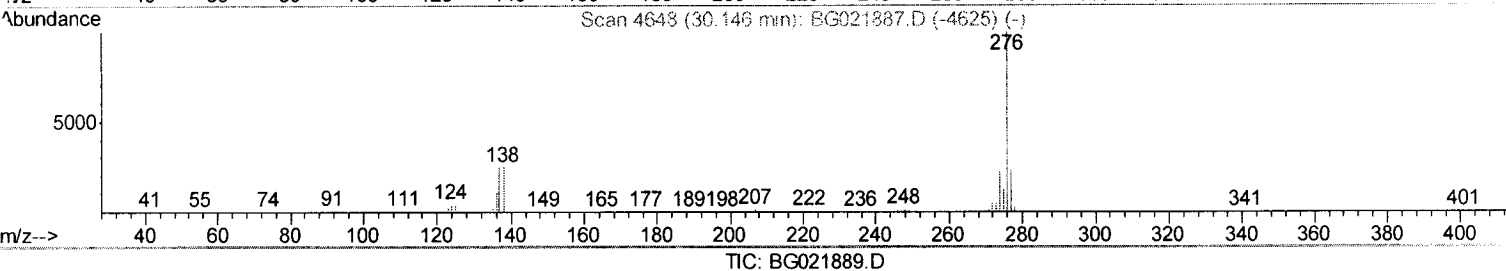
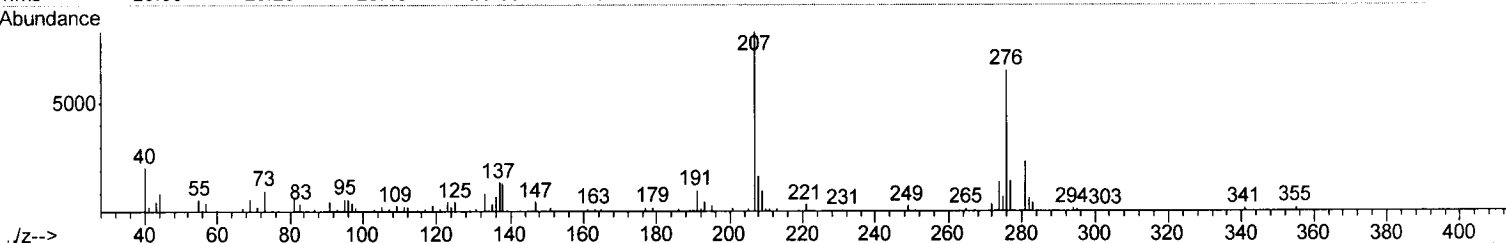
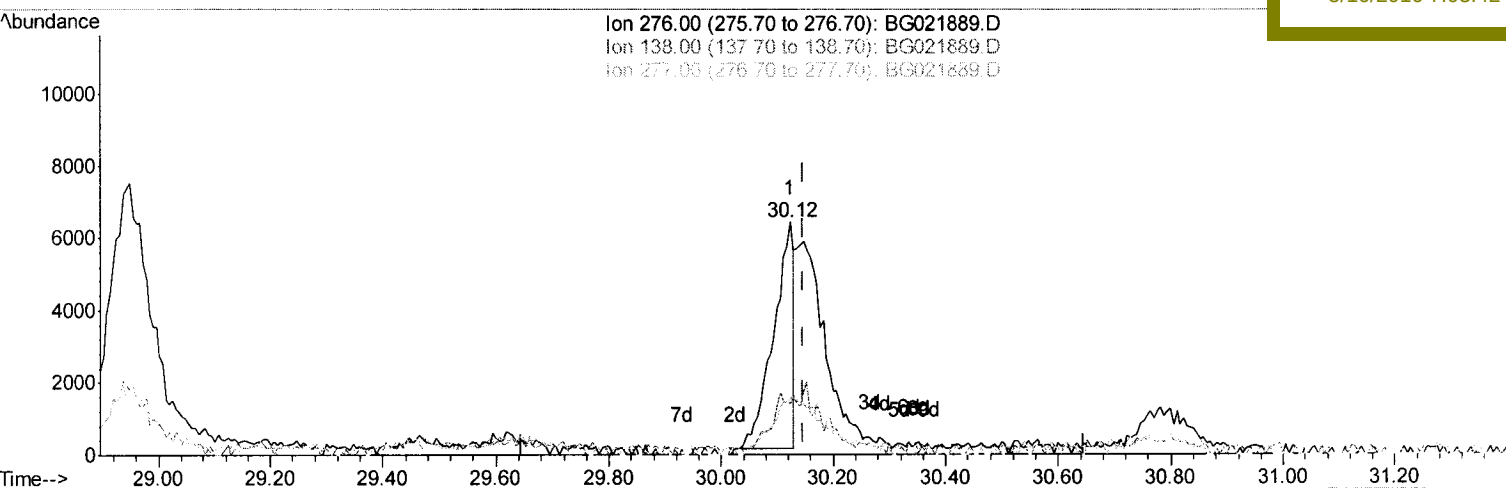
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(92) Benzo(g,h,i)perylene

30.124min (-0.023) 0.93ng/ul

response 15714

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	21.98#
277.00	24.70	24.19
0.00	0.00	0.00

Quantitation Report (Qedit)

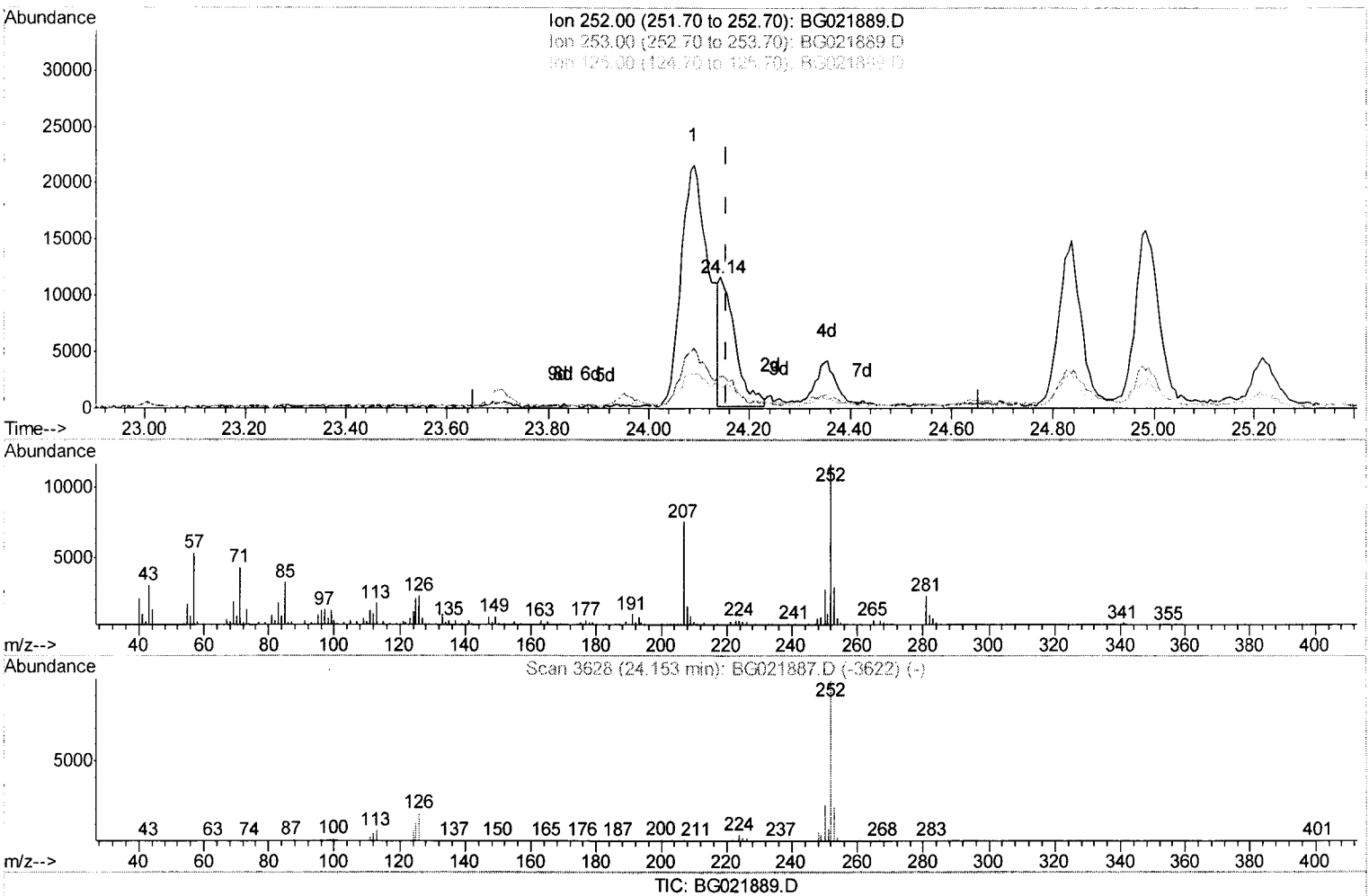
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9XF7

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:03:42 PM

Quant Time: May 16 01:43:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration



(87) Benzo(k)fluoranthene

24.142min (-0.011) 1.35ng/ul m U.M
05/17/16

response 25095

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.39
125.00	9.60	17.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

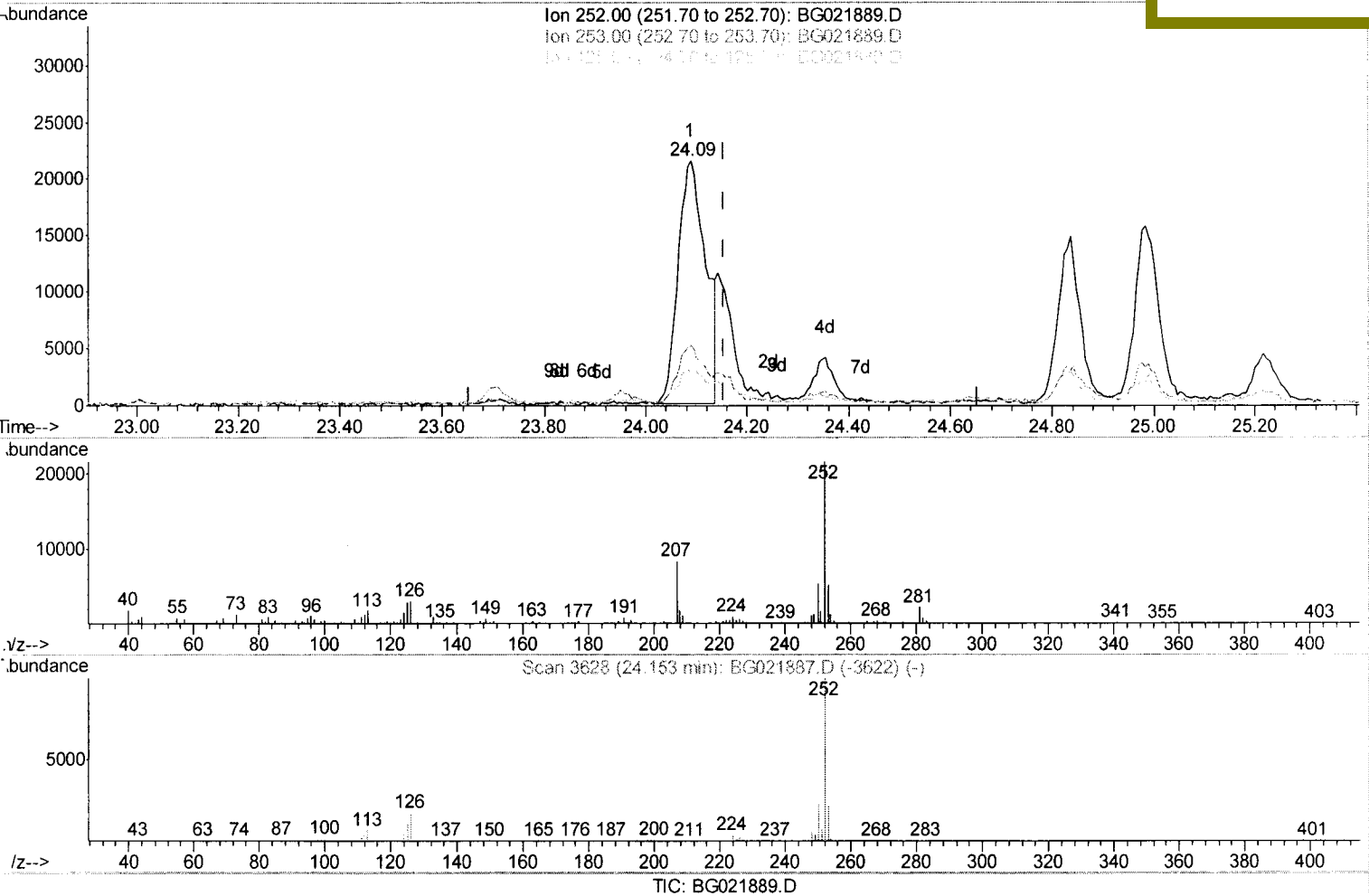
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021889.D
Acq On : 15 May 2016 12:14
Operator : UM/SJ
Sample : H3096-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF7

Manual Integrations
APPROVED

sohil
5/16/2016 7:03:42 PM

Quant Time: May 16 01:43:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration



(87) Benzo(k)fluoranthene

24.089min (-0.064) 4.33ng/ul

response 80718

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.64
125.00	9.60	13.48#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021889.D
 Acq On : 15 May 2016 12:14
 Operator : UM/SJ
 Sample : H3096-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF7

Quant Time: May 16 01:44:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:03:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	38713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	216873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	137428	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	304273	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	309657	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	304264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2761	3.44	ng/uL	0.00
5) Phenol-d5	7.32	99	57134	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.49	67	28681	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	59146	26.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	52592m	21.80	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	32271	22.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	31587	35.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	62221m	24.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	53429m	19.48	ng/ul	0.01
44) Dimethylphthalate-d6	14.18	166	237090	24.56	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	305752	22.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	23427m	14.16	ng/ul	0.02
58) Fluorene-d10	15.78	176	210073	20.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	21349	25.33	ng/ul	0.00
71) Anthracene-d10	17.63	188	306452	20.69	ng/ul	0.00
77) Pyrene-d10	19.91	212	349949	24.14	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	318173	22.01	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.23	163	75507	7.68	ng/ul	98
69) Pentachlorophenol	17.18	266	19669	14.02	ng/ul	93
70) Phenanthrene	17.57	178	41851	2.52	ng/ul	98
74) Di-n-butylphthalate	18.48	149	13541	1.02	ng/ul#	94
75) Fluoranthene	19.57	202	95265	5.04	ng/ul	97
78) Pyrene	19.94	202	83688	4.67	ng/ul	98
79) Butylbenzylphthalate	20.81	149	28011	7.07	ng/ul#	71
81) Benzo(a)anthracene	21.79	228	50154	2.91	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	173646	26.86	ng/ul	97
83) Chrysene	21.86	228	59363m	3.48	ng/ul	
86) Benzo(b)fluoranthene	24.09	252	80718	4.63	ng/ul#	94
87) Benzo(k)fluoranthene	24.14	252	25095m	1.35	ng/ul	
89) Benzo(a)pyrene	24.98	252	50893	2.94	ng/ul#	97
90) Indeno(1,2,3-cd)pyrene	28.95	276	37801m	1.84	ng/ul	
92) Benzo(g,h,i)perylene	30.12	276	36453m	2.15	ng/ul	

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