

Quantitation Report (QT Reviewed)

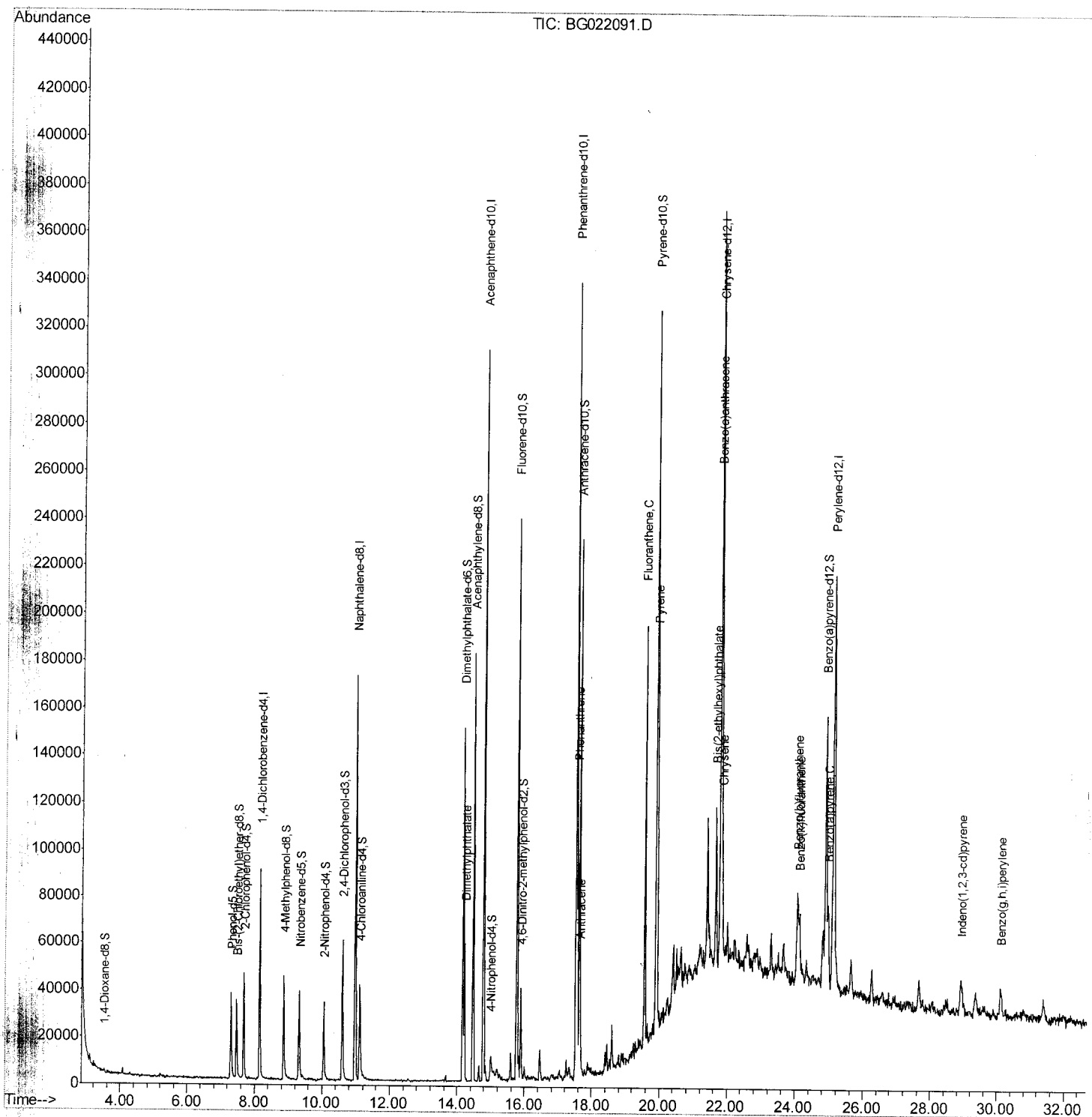
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
 Data File : BG022091.D
 Acq On : 26 May 2016 21:48
 Operator : UM/SJ
 Sample : H3201-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ4

Manual Integrations
 APPROVED

sohil
 5/27/2016 7:41:07 PM

Quant Time: May 27 07:03:35 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

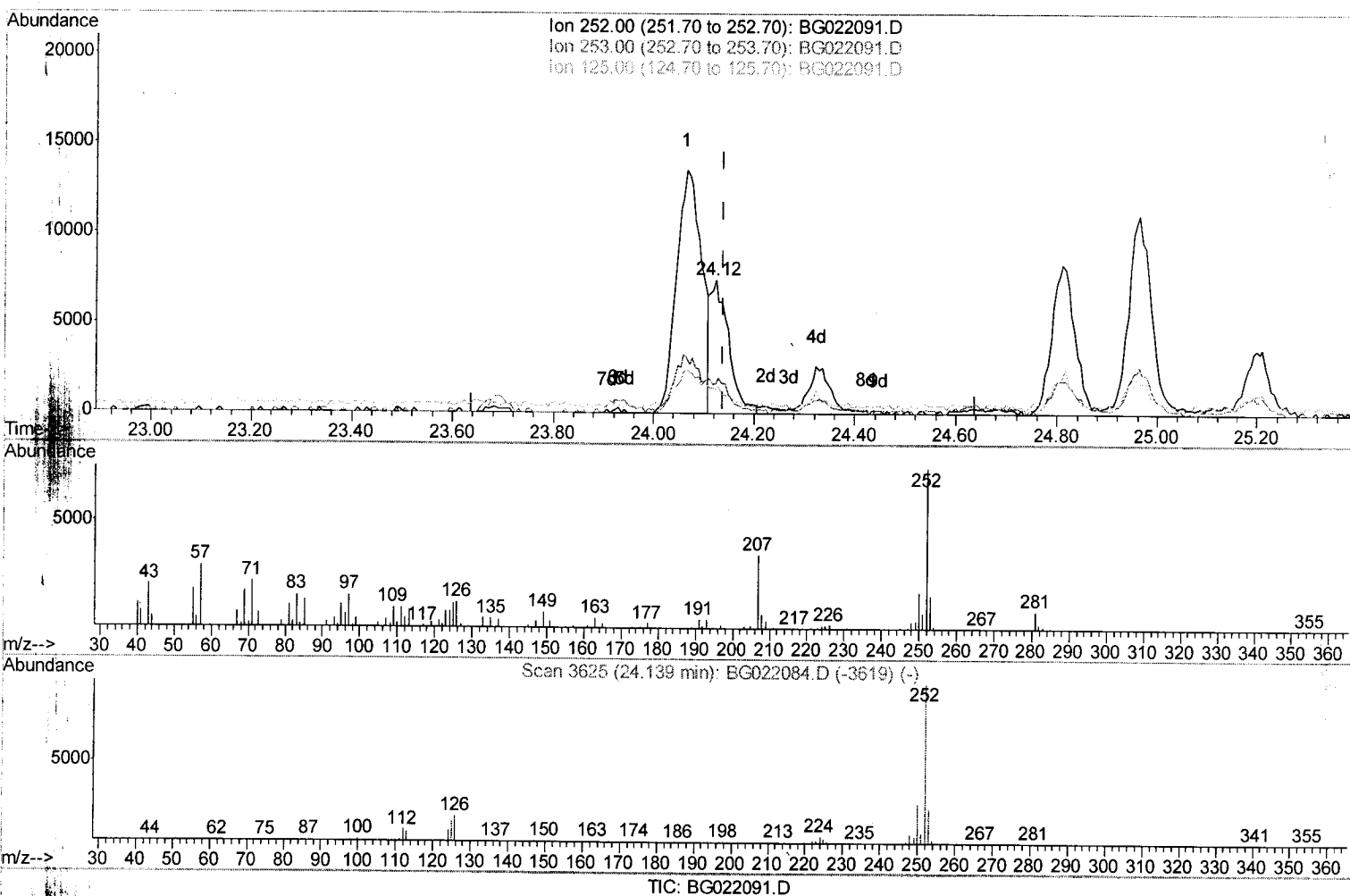
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(86) Benzo(k)fluoranthene

24.124min (-0.015) 1.78ng/ul m

response 19137

Ion Exp% Act%

252.00 100 100

253.00 19.70 22.50

125.00 13.30 17.16#

0.00 0.00 0.00

Quantitation Report (Qedit)

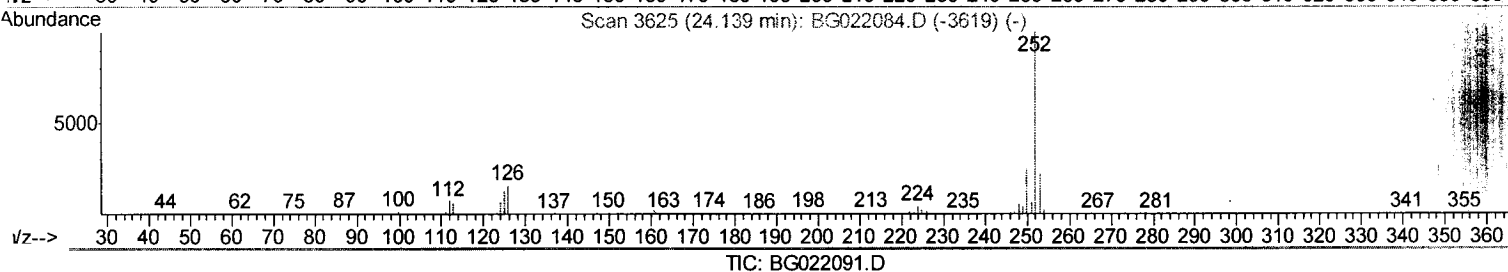
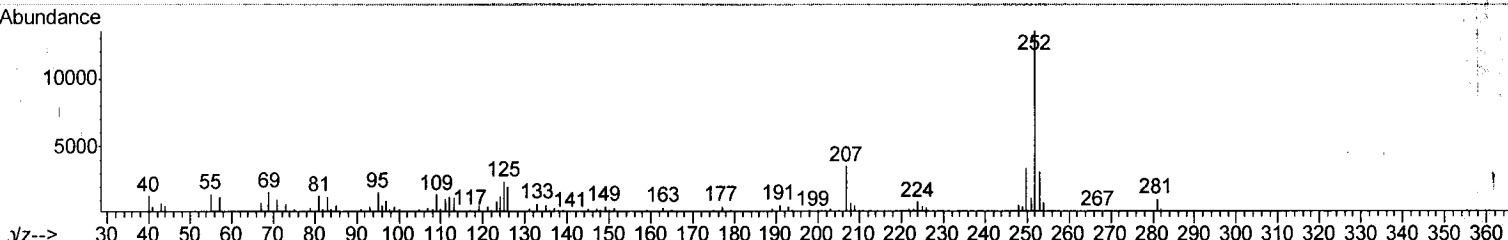
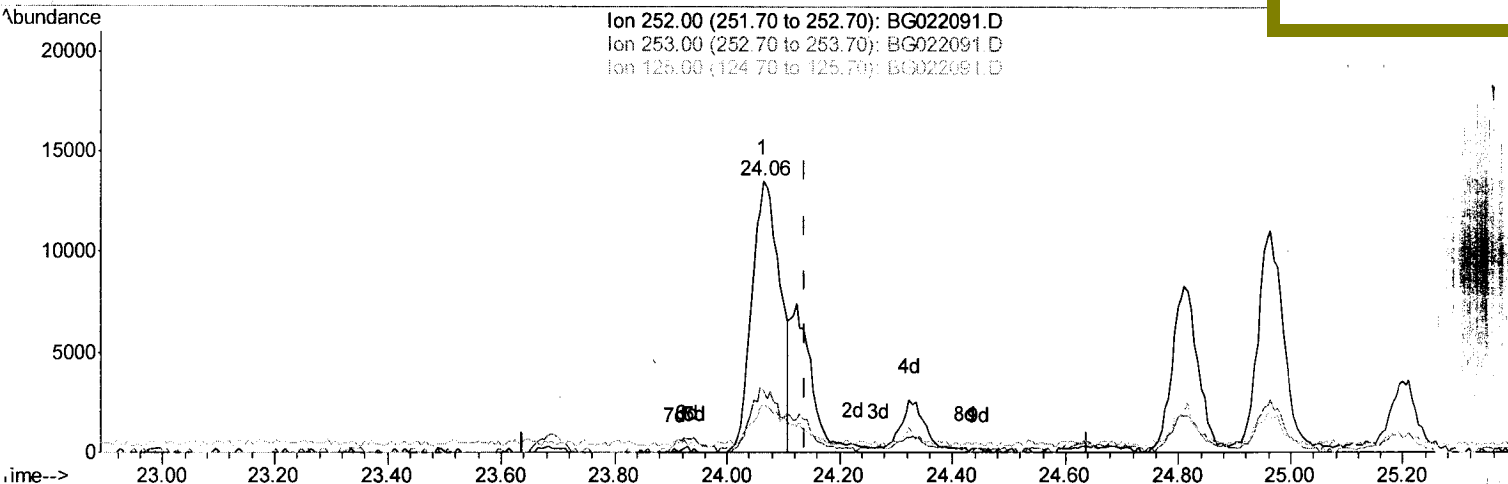
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(86) Benzo(k)fluoranthene

24.065min (-0.074) 4.32ng/ul

response 46402

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	22.66
125.00	13.30	17.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

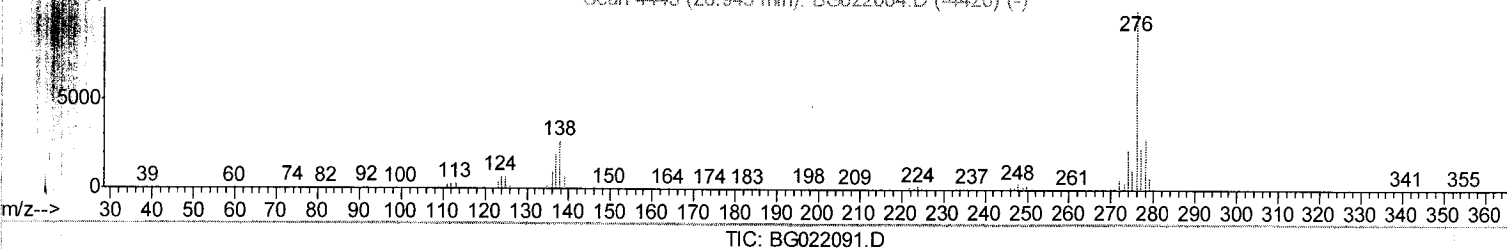
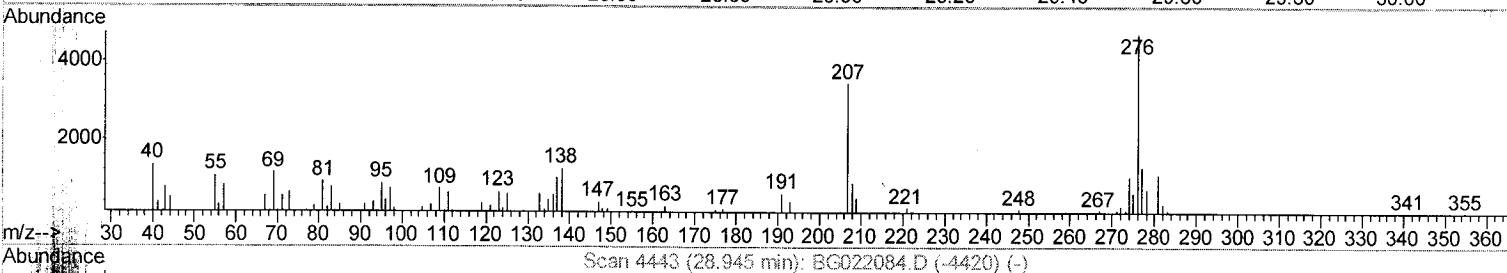
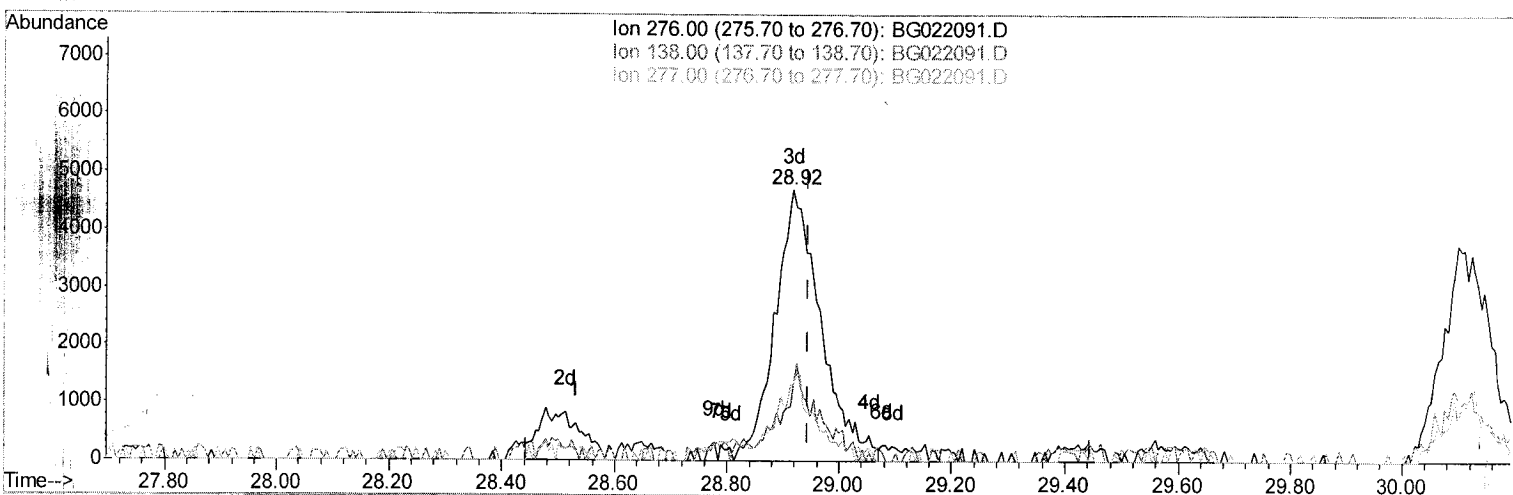
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 ClientSampled :
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(89) Indeno(1,2,3-cd)pyrene

28.918min (-0.027) 2.19ng/ul m

response 26748

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	26.64
277.00	22.00	27.55#
0.00	0.00	0.00

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Quantitation Report (Qedit)

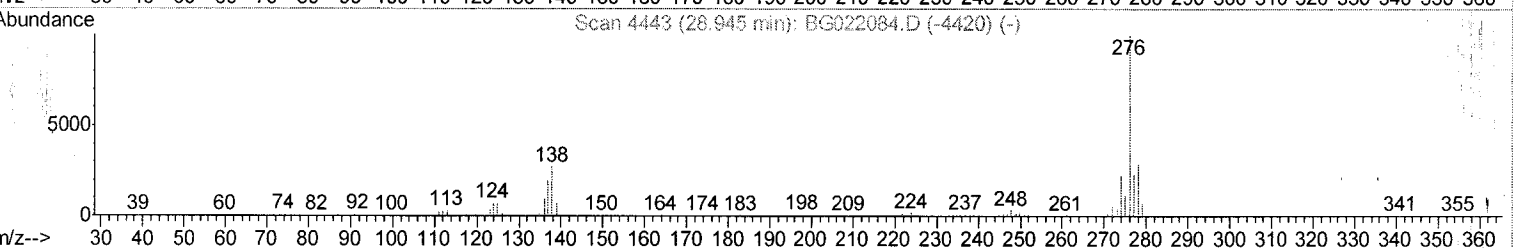
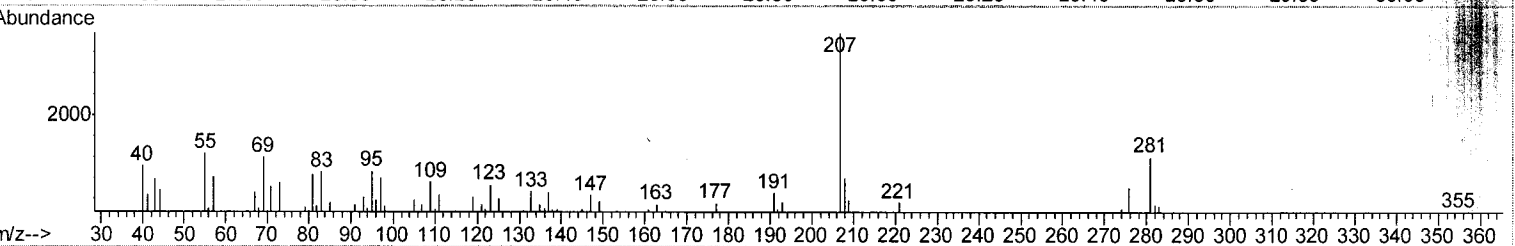
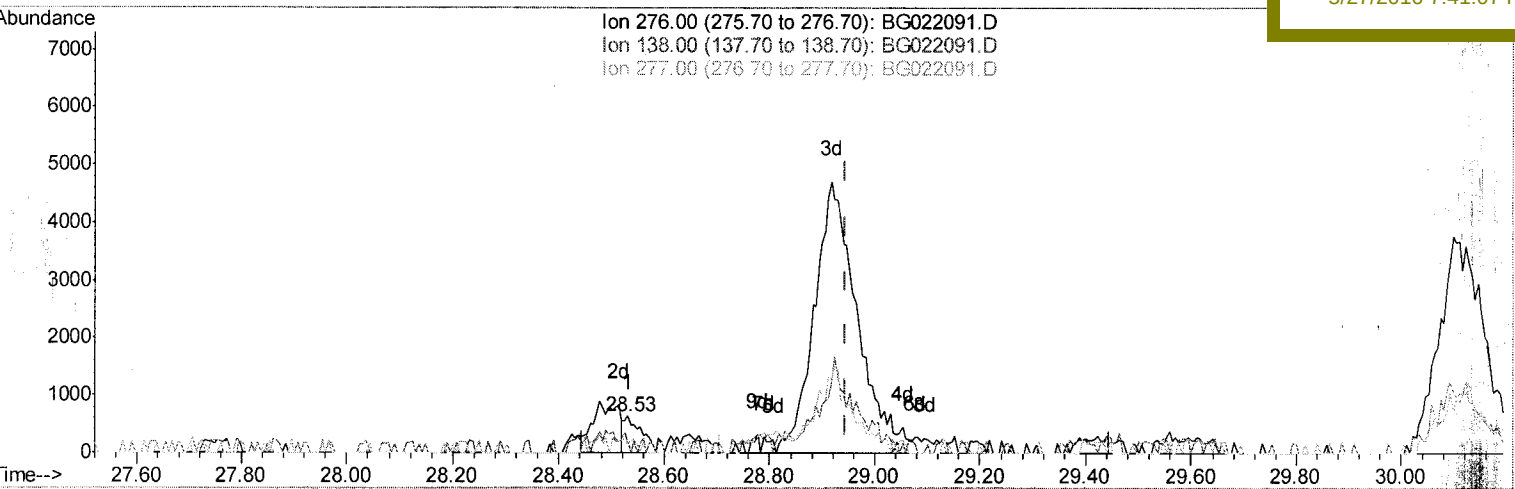
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TIC: BG022091.D

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

28.530min (-0.415) 0.12ng/ul

response 1436

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	29.75
277.00	22.00	25.00
0.00	0.00	0.00

Quantitation Report (Qedit)

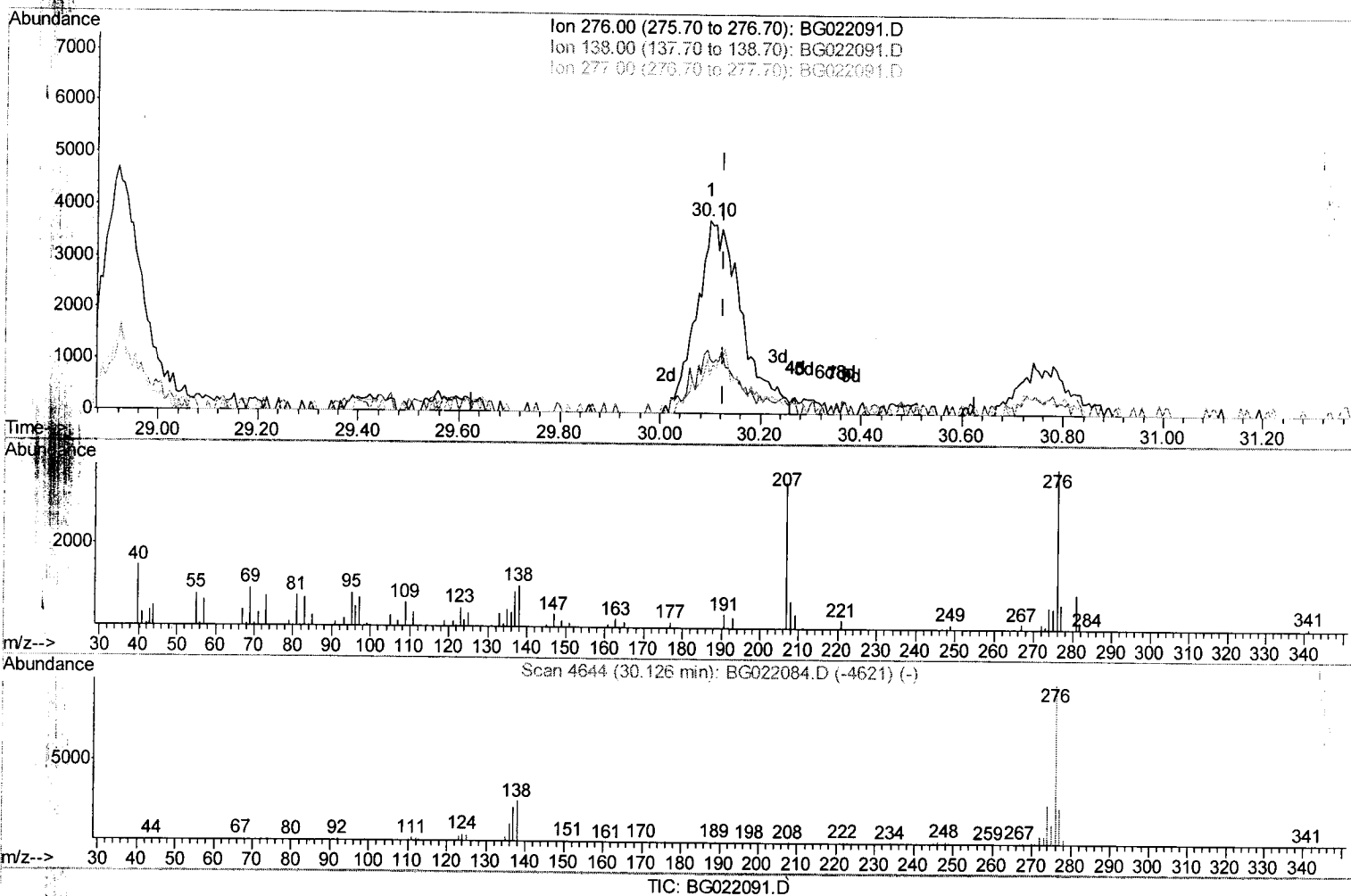
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 Data File : BG022091.D
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 Operator : UM/SJ
 Sample : H3201-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 BCZJ4

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

30.099min (-0.027) 2.41ng/ul m $\rightarrow$ V.M.
05/31/16

response 23542

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	28.64
277.00	21.20	19.12
0.00	0.00	0.00

Quantitation Report (Qedit)

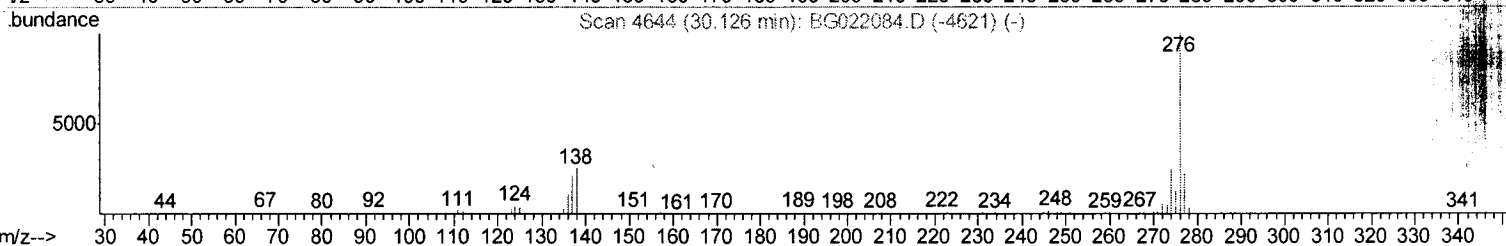
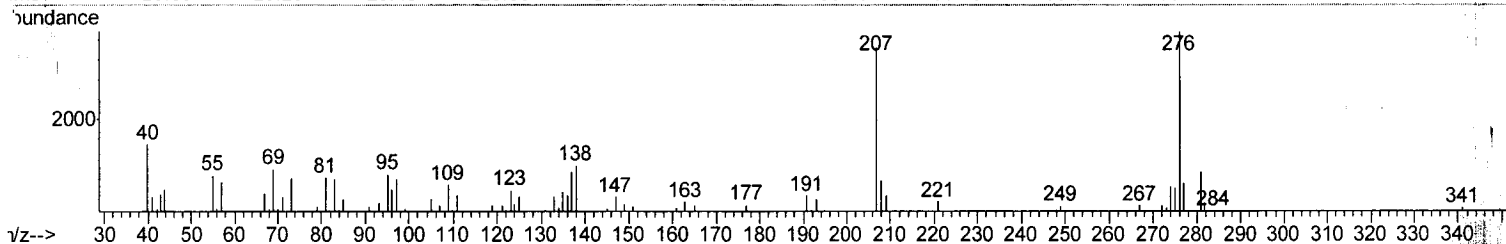
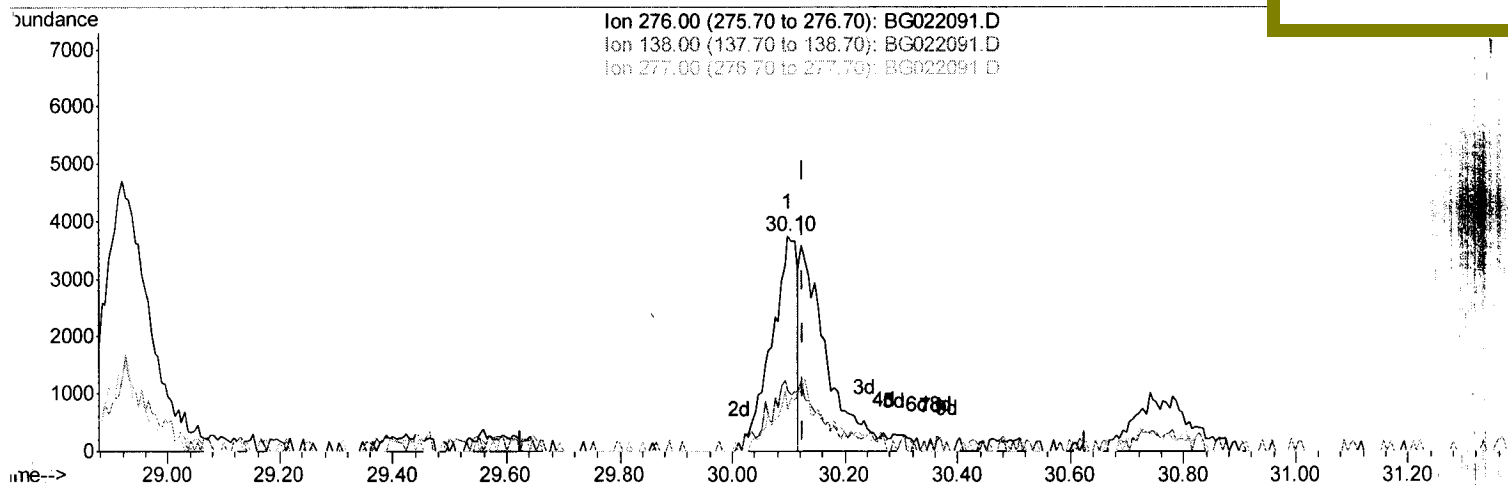
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Data File : BG022091.D
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Operator : UM/SJ
Sample : H3201-25
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BCZJ4

Manual Integrations
APPROVED

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TIC: BG022091.D

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

30.099min (-0.027) 1.23ng/ul

response 11995

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	28.64
277.00	21.20	19.12
0.00	0.00	0.00

Quantitation Report (Qedit)

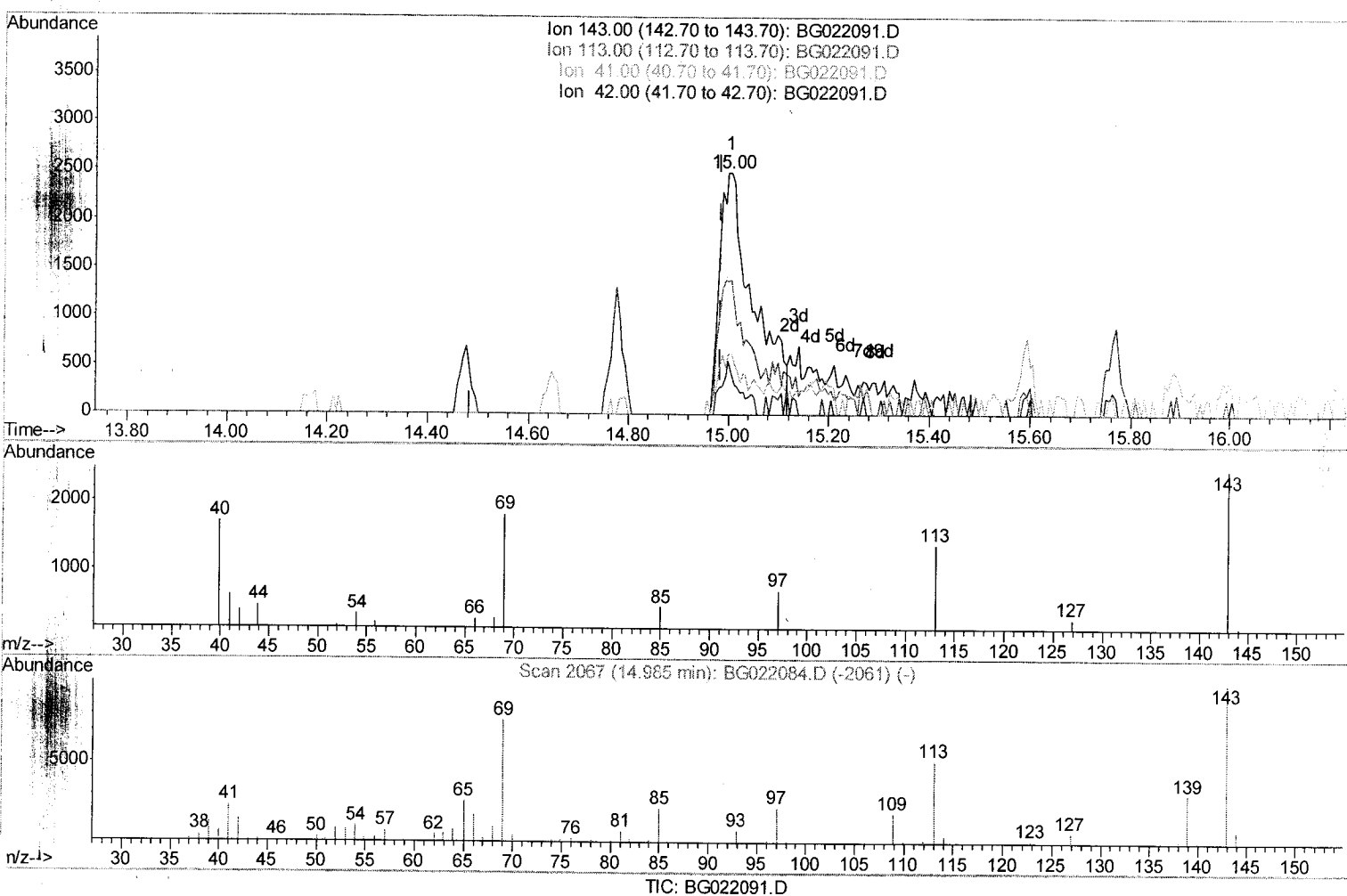
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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(51) 4-Nitrophenol-d4 (S)

15.005min (+0.020) 7.55ng/ul m

response 11642

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	55.84
41.00	26.90	25.38
42.00	16.10	16.72

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Quantitation Report (Qedit)

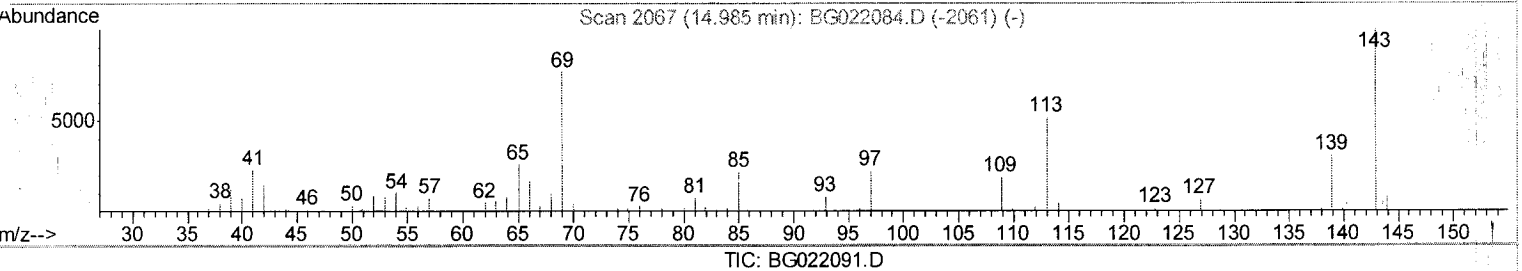
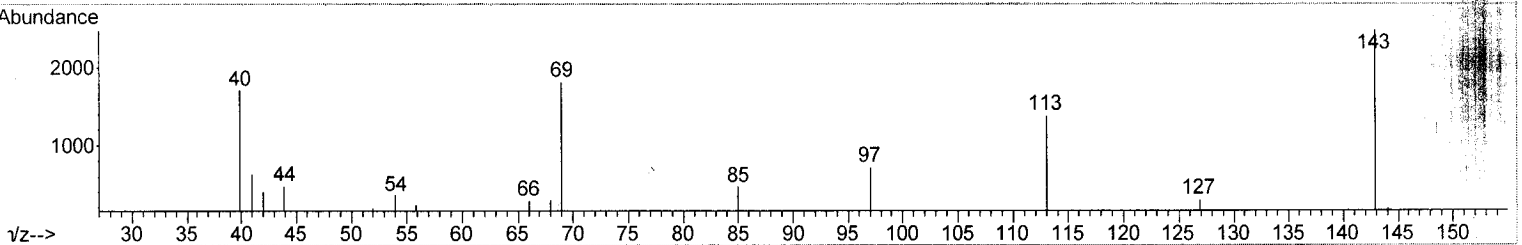
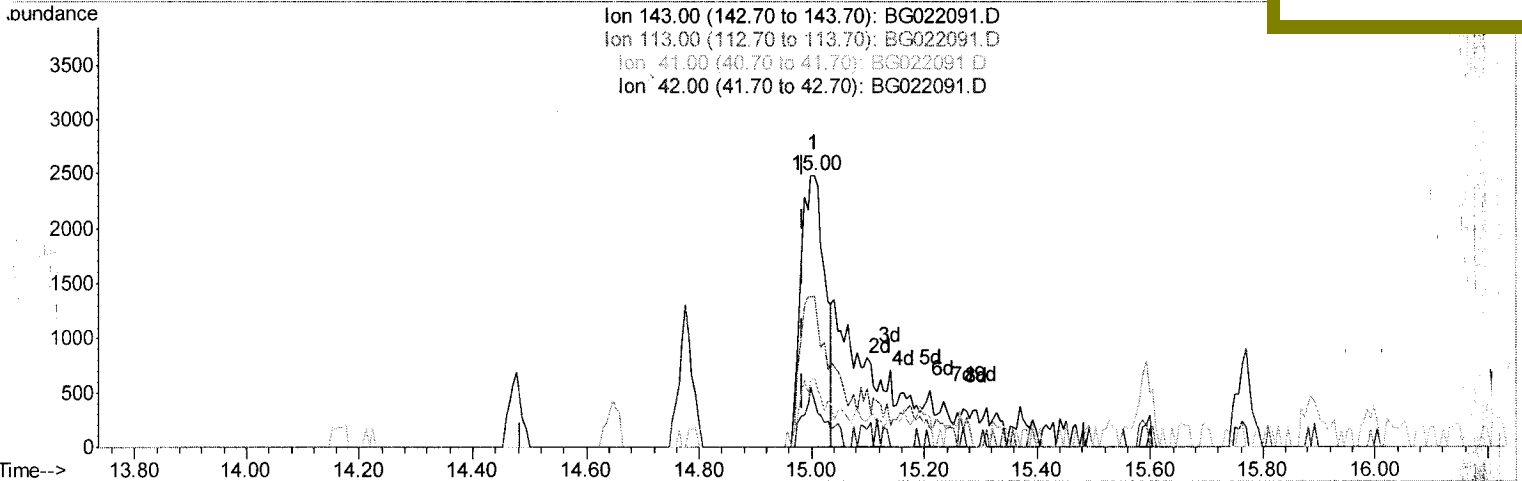
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 Operator : UM/SJ
 Sample : H3201-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ4

Manual Integrations
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(51) 4-Nitrophenol-d4 (S)

15.005min (+0.020) 4.77ng/ul

response 7354

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	55.84
41.00	26.90	25.38
42.00	16.10	16.72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	194718	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	119252	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	235064	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	195580	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	188541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	759	1.12	ng/uL	0.00
5) Phenol-d5	7.31	99	35488	11.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	19048	11.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	33636	12.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	26454	9.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	17241	12.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	18989	12.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33855	12.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	34811	11.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	128854	14.39	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	168313	13.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	11642m	7.55	ng/ul	0.02
57) Fluorene-d10	15.76	176	113177	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11725	9.54	ng/ul	0.00
70) Anthracene-d10	17.62	188	148345	13.15	ng/ul	0.00
76) Pyrene-d10	19.89	212	159609	14.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	126654	14.48	ng/ul	0.00

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Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	48782	5.42	ng/ul	99
69) Phenanthrene	17.56	178	79942	6.11	ng/ul	98
71) Anthracene	17.65	178	20628	1.56	ng/ul	98
74) Fluoranthene	19.56	202	116238	8.70	ng/ul	97
77) Pyrene	19.92	202	90885	6.60	ng/ul	97
80) Benzo(a)anthracene	21.78	228	39776	3.47	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.66	149	48038	5.18	ng/ul#	96
82) Chrysene	21.85	228	36209	3.29	ng/ul#	92
85) Benzo(b)fluoranthene	24.06	252	46402	4.21	ng/ul#	96
86) Benzo(k)fluoranthene	24.12	252	19137m	1.78	ng/ul	
88) Benzo(a)pyrene	24.96	252	33203	3.12	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.92	276	26748m	2.19	ng/ul	
91) Benzo(g,h,i)perylene	30.10	276	23542m	2.41	ng/ul	

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