

Quantitation Report (QT Reviewed)

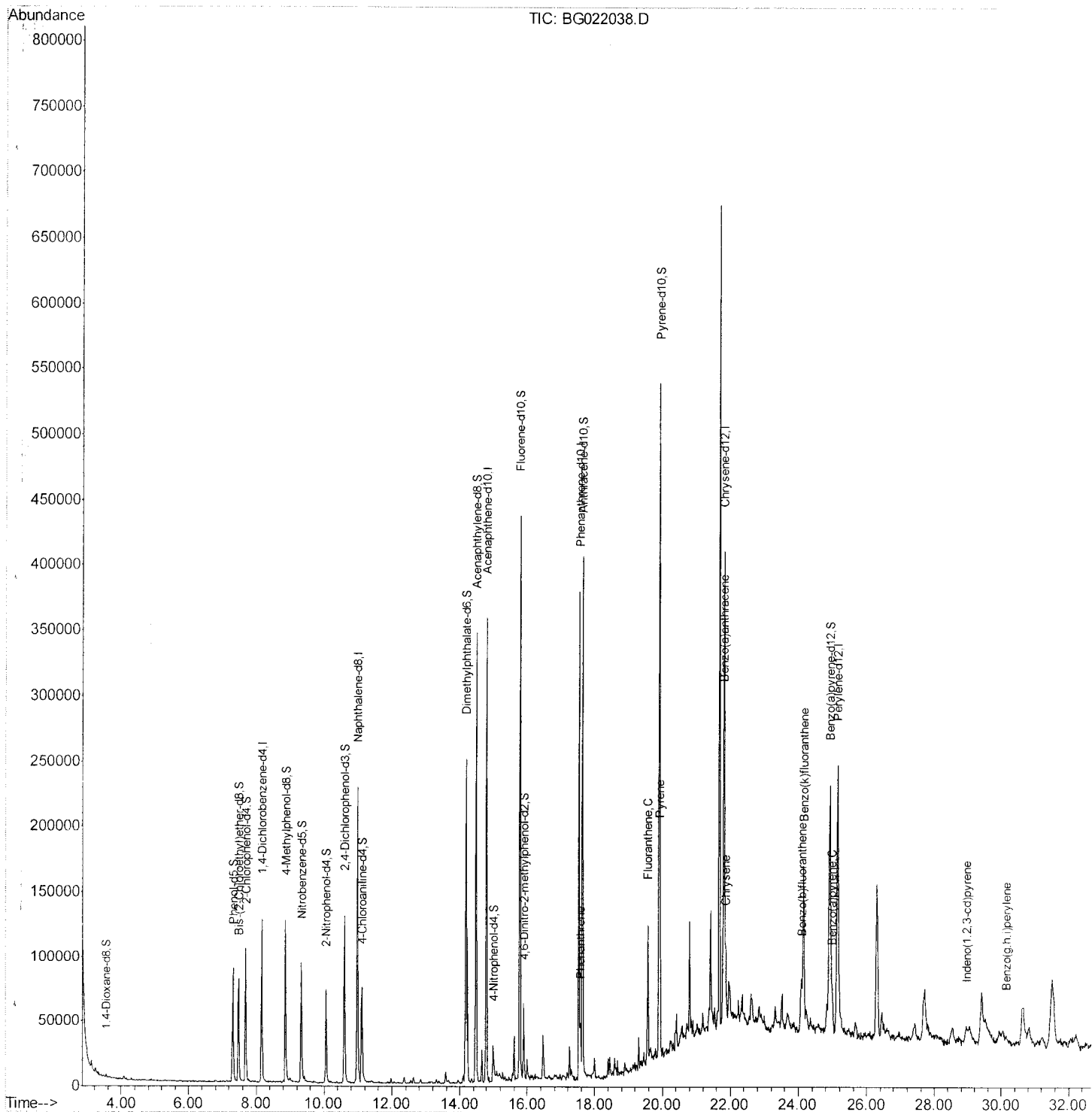
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022038.D
 Acq On : 23 May 2016 8:08
 Operator : UM/SJ
 Sample : H3203-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ3

Manual Integrations
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umangi
 5/24/2016 7:33:52 PM

Quant Time: May 24 13:44:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

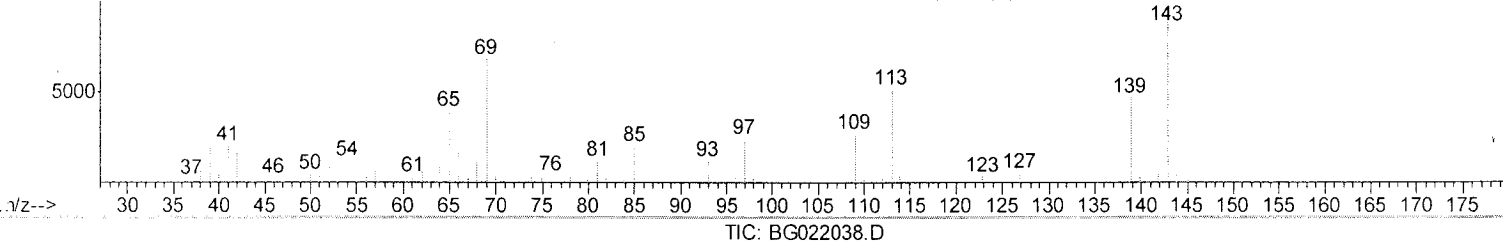
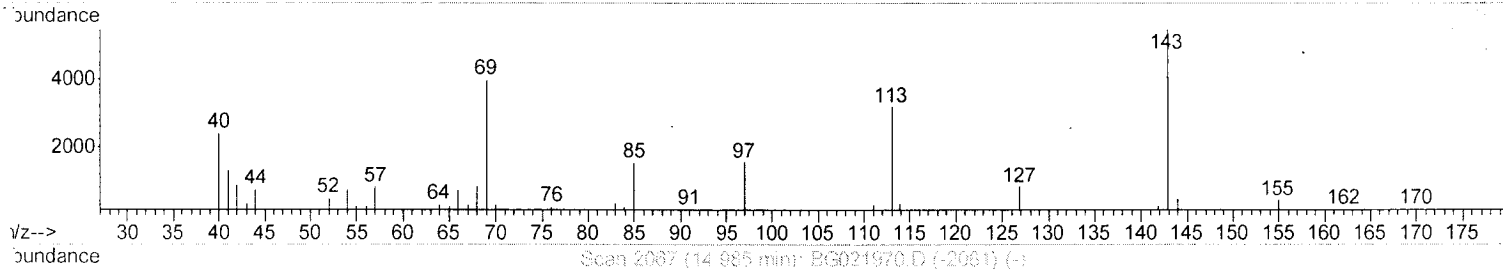
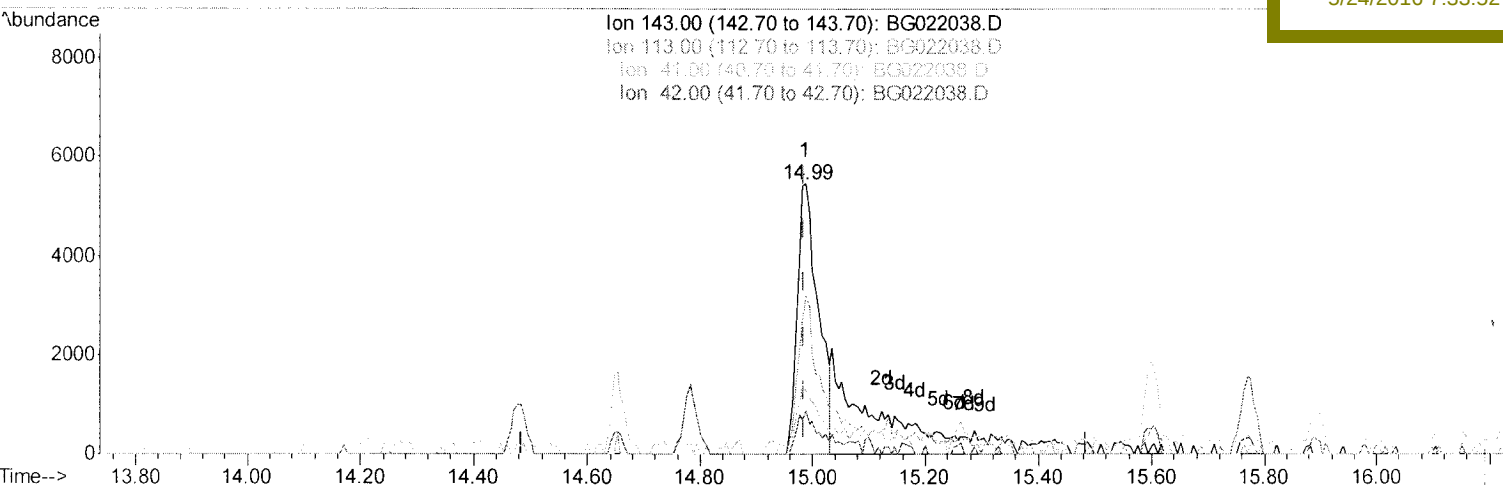
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(20) 4-Nitrophenol-d4 (S)

14.988min (+0.003) 7.84ng/ul

response 14105

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	58.56#
41.00	49.70	23.86#
42.00	33.70	16.06#

Quantitation Report (Qedit)

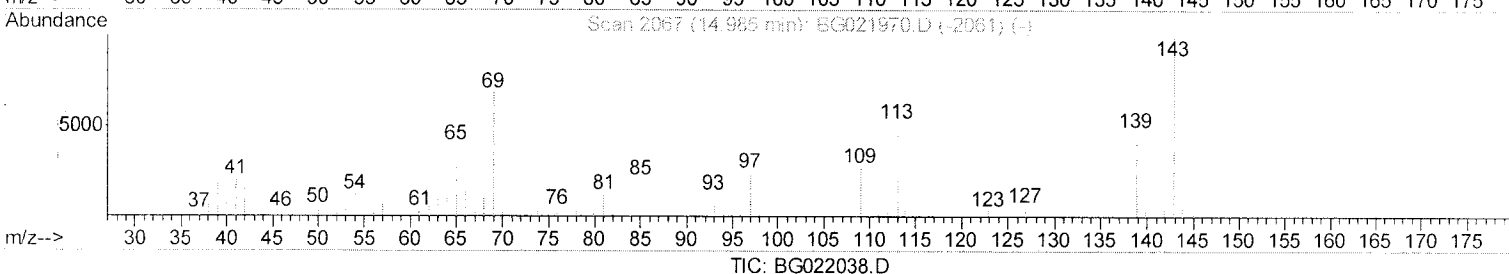
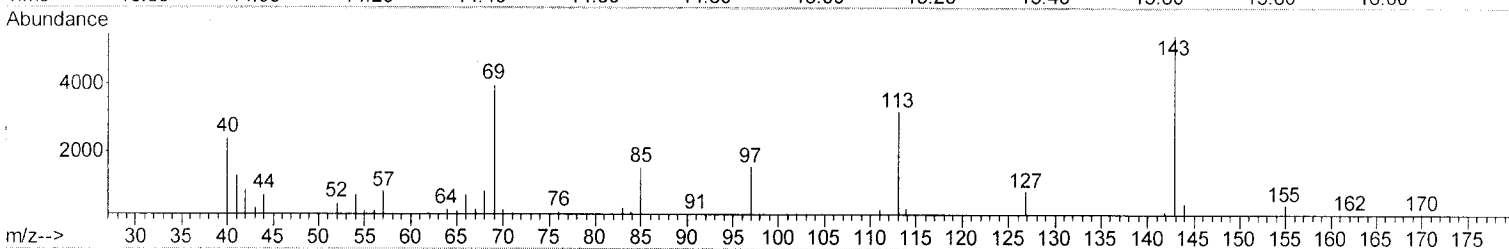
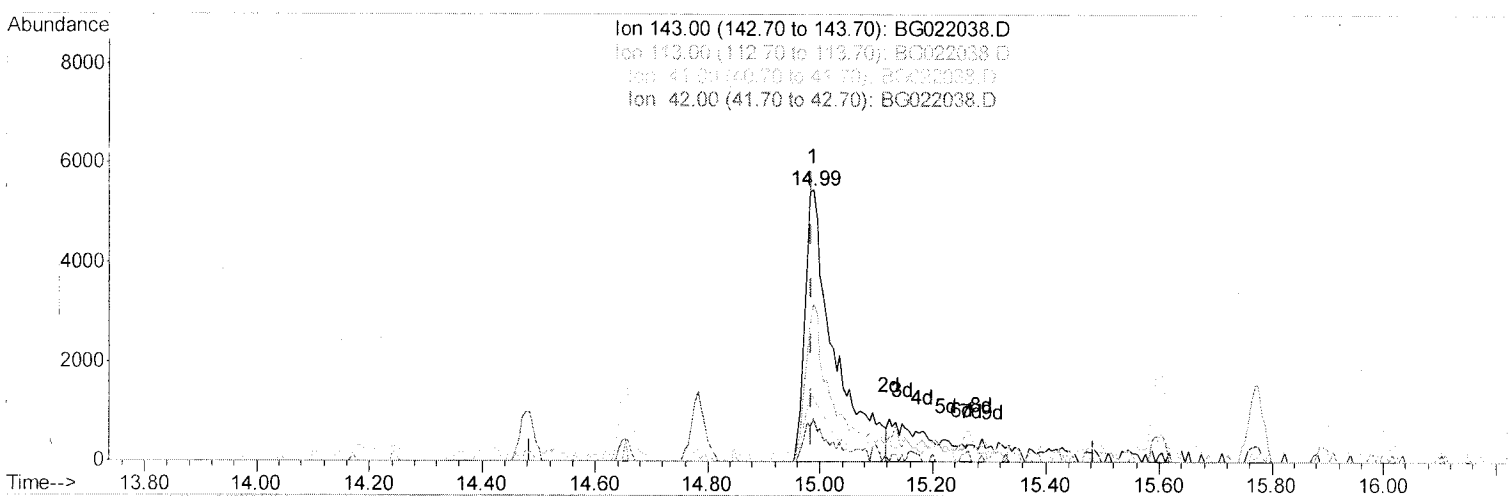
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(20) 4-Nitrophenol-d4 (S)

14.988min (+0.003) 11.01ng/ul m

response 19816

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	58.56#
41.00	49.70	23.86#
42.00	33.70	16.06#

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Quantitation Report (Qedit)

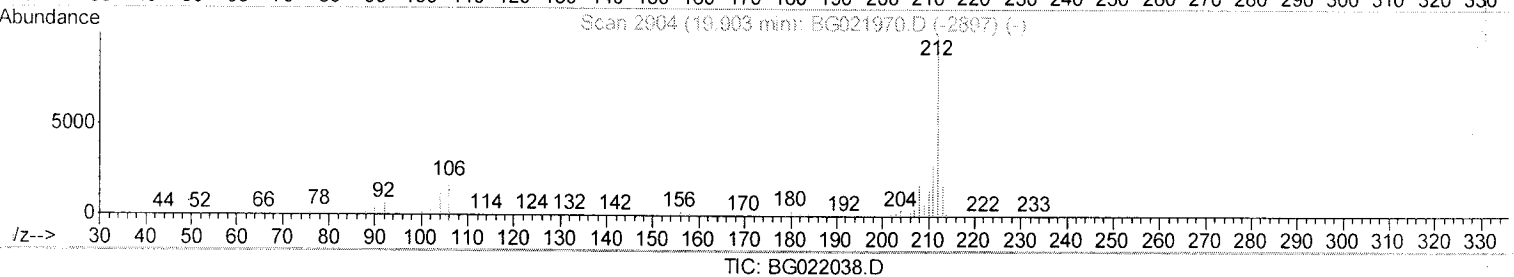
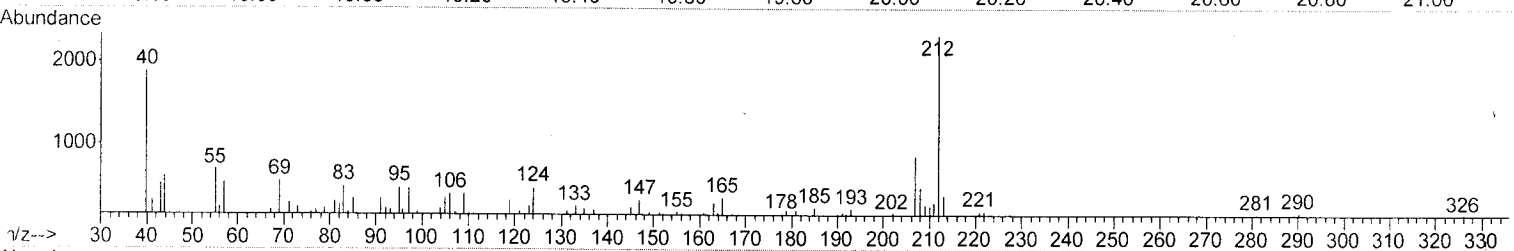
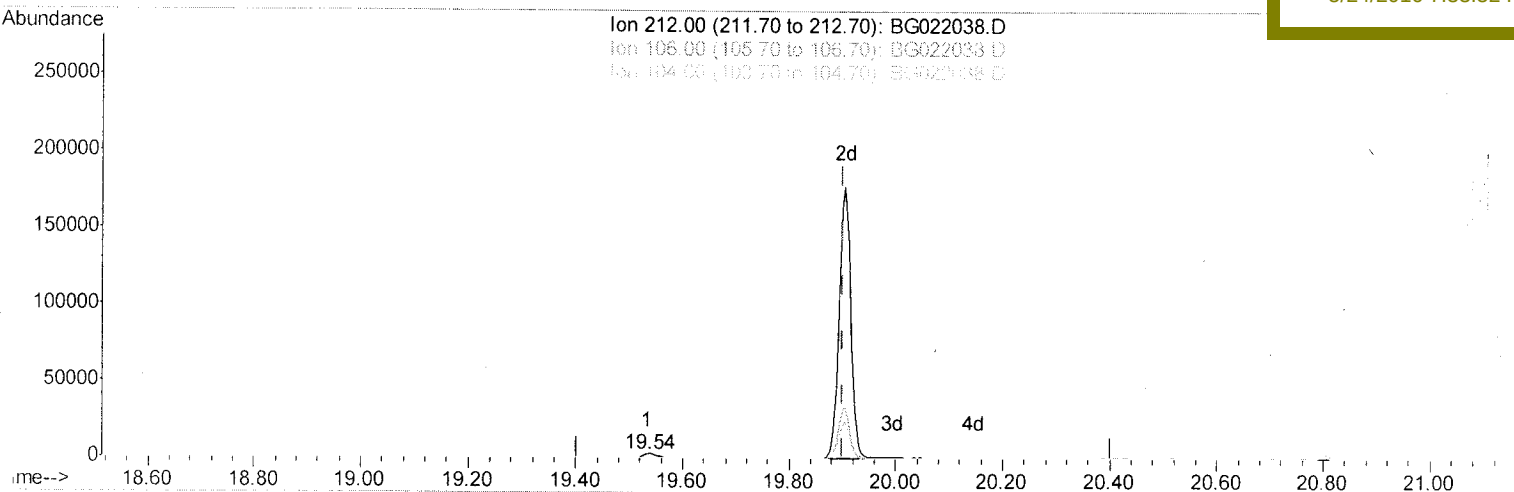
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(30) Pyrene-d10 (S)

19.535min (-0.367) 0.32ng/ul

response 3744

Ion	Exp%	Act%
212.00	100	100
106.00	15.30	17.40
104.00	9.40	9.52
0.00	0.00	0.00

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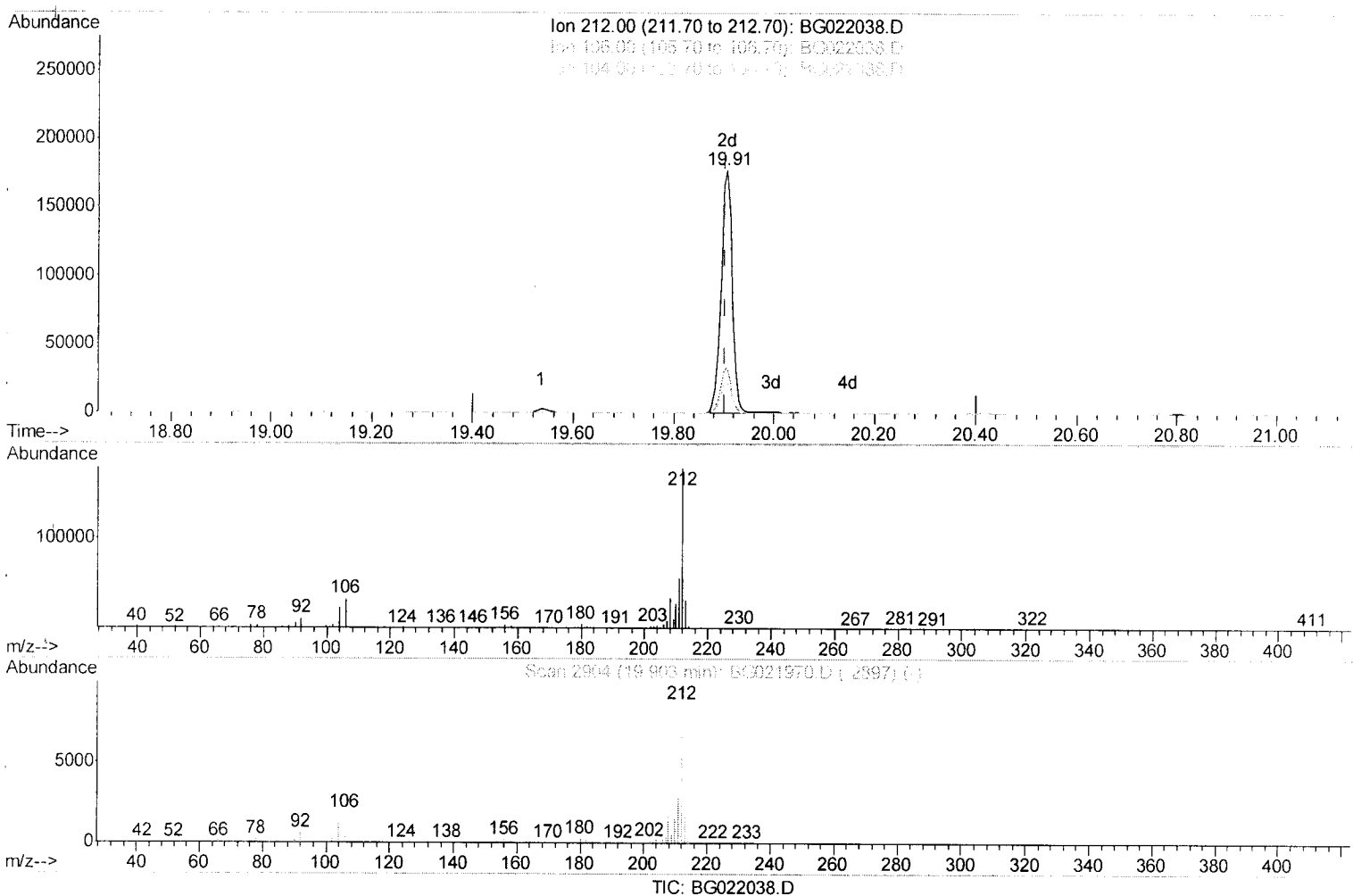
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(30) Pyrene-d10 (S)

19.906min (+0.003) 23.29ng/ul m

response 274869

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Ion	Exp%	Act%
212.00	100	100
106.00	15.30	18.74#
104.00	9.40	13.05#
0.00	0.00	0.00

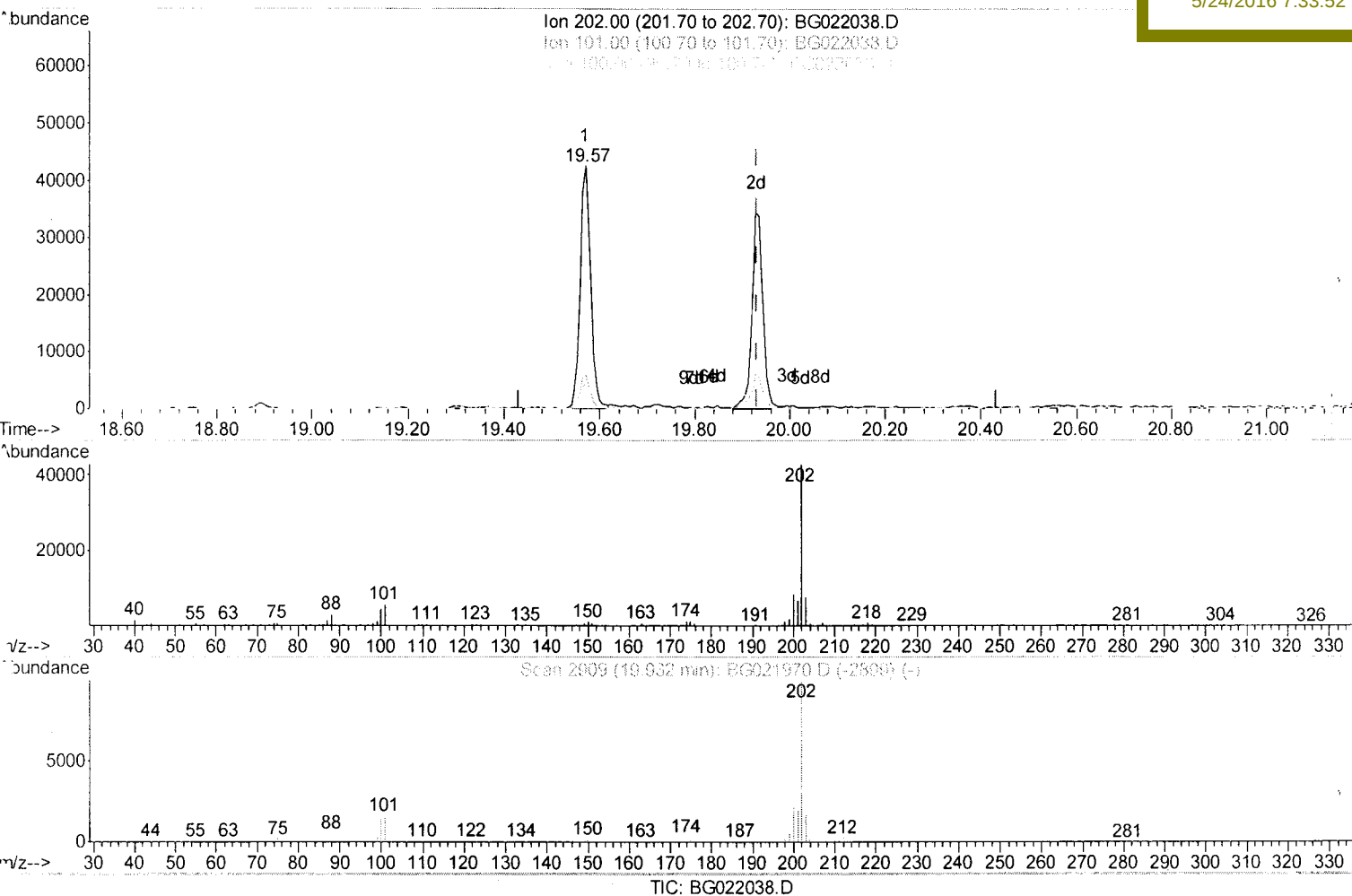
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Acq On : 23 May 2016 8:08
Operator : UM/SJ
Sample : H3203-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
D9XJ3

Manual Integrations
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(31) Pyrene

19.571min (-0.361) 4.23ng/ul

response 65113

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.50
100.00	11.60	10.33
0.00	0.00	0.00

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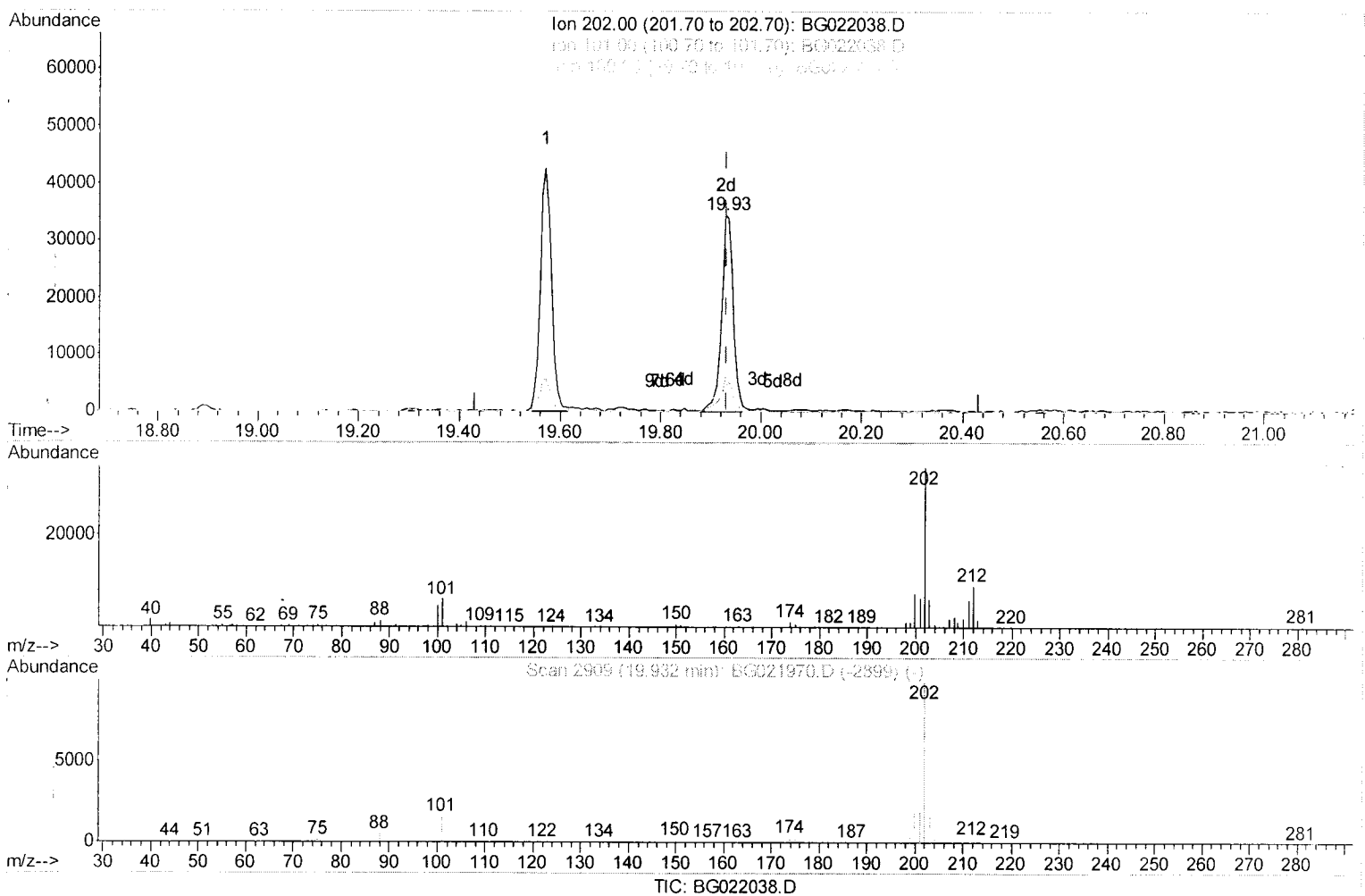
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 Sample : H3203-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampled :
 D9XJ3

Manual Integrations
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(31) Pyrene

19.929min (-0.003) 3.66ng/ul m $\rightarrow$ 6.66
 response 56326 05/25/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	17.86#
100.00	11.60	14.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

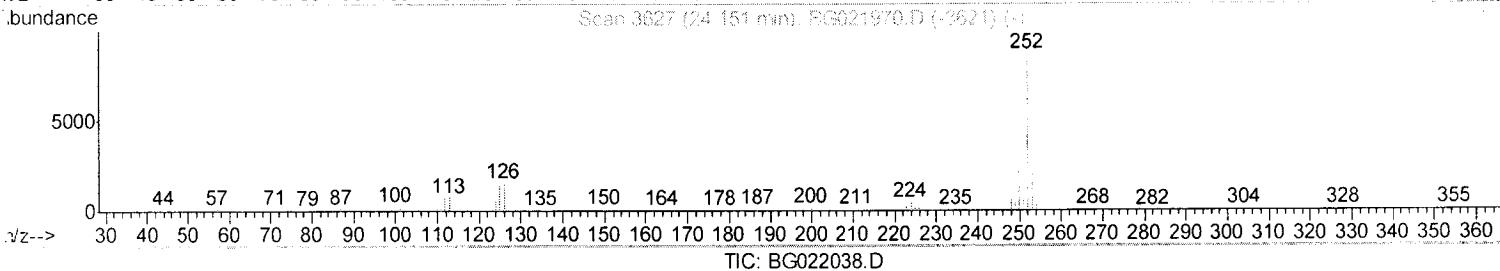
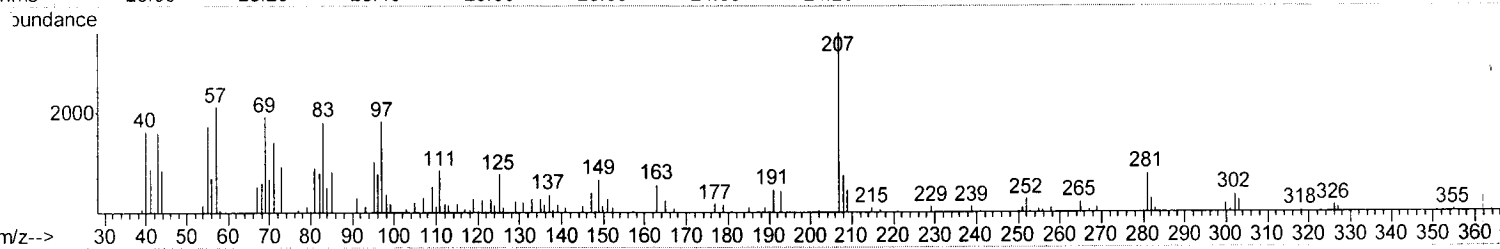
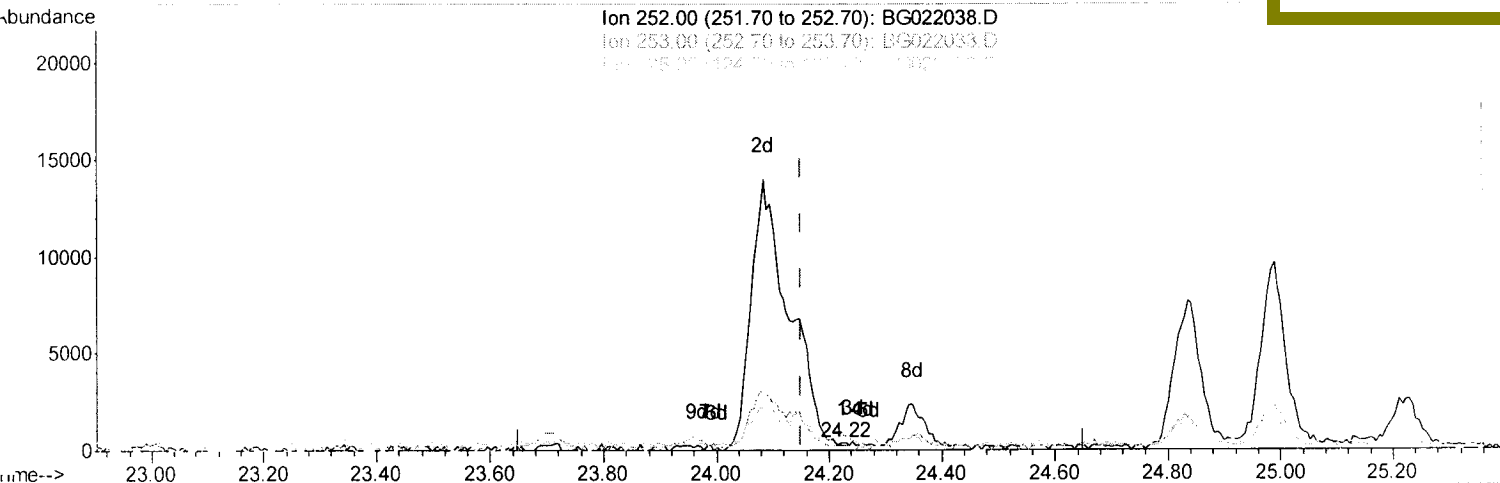
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TIC: BG022038.D

(36) Benzo(k)fluoranthene

24.224min (+0.074) 0.01ng/ul

response 112

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	44.25#
125.00	9.60	213.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

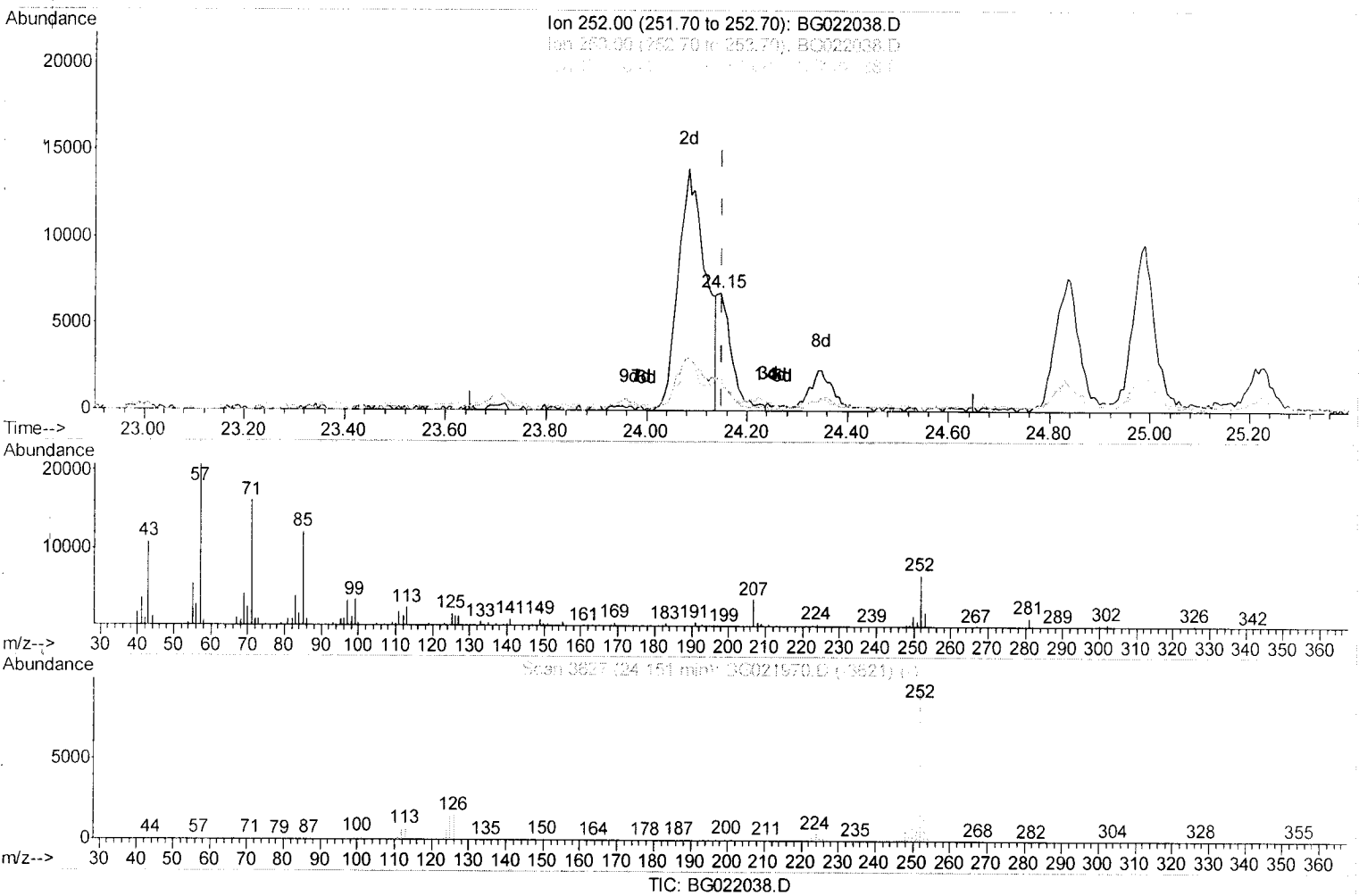
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Instrument :
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(36) Benzo(k)fluoranthene

24.148min (-0.003) 1.18ng/ul m *U.M.*
05/25/16

response 13851

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	28.48#
125.00	9.60	25.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

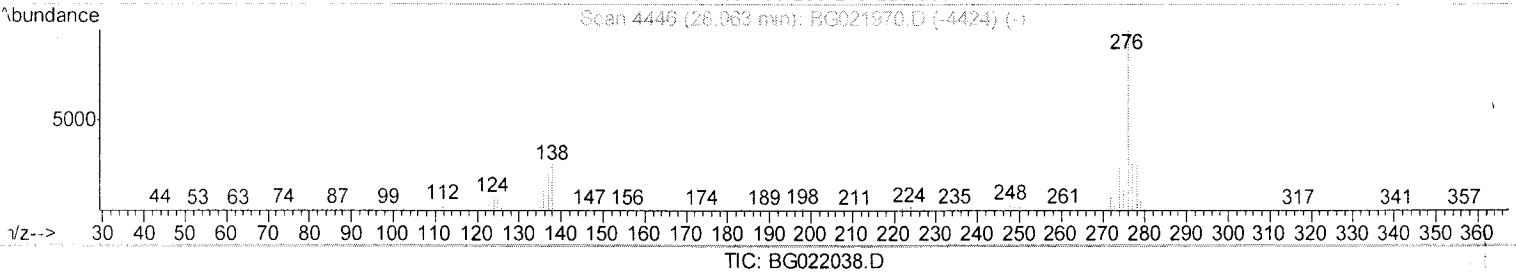
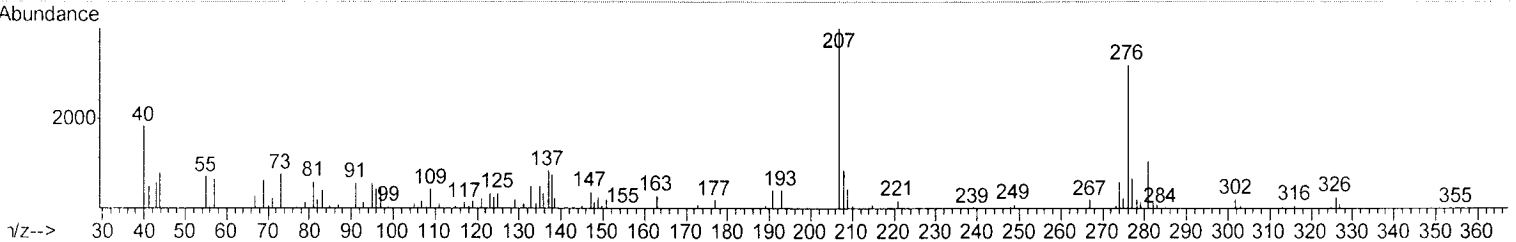
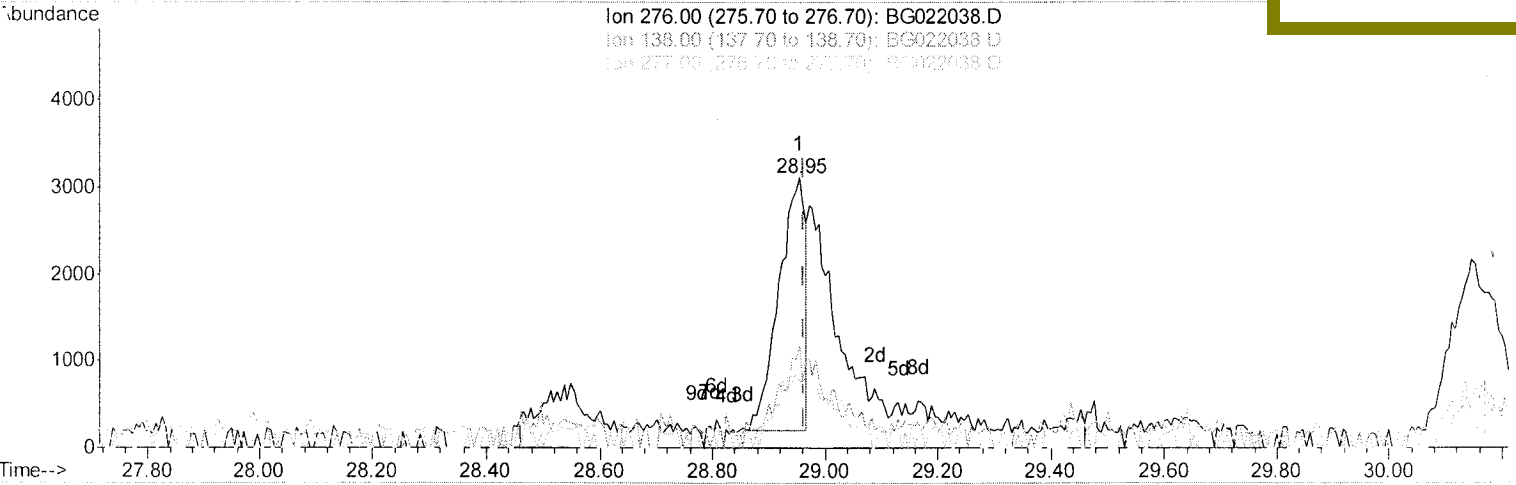
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(39) Indeno(1,2,3-cd)pyrene

28.954min (-0.009) 0.71ng/ul

response 9301

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	37.63#
277.00	23.80	24.65
0.00	0.00	0.00

Quantitation Report (Qedit)

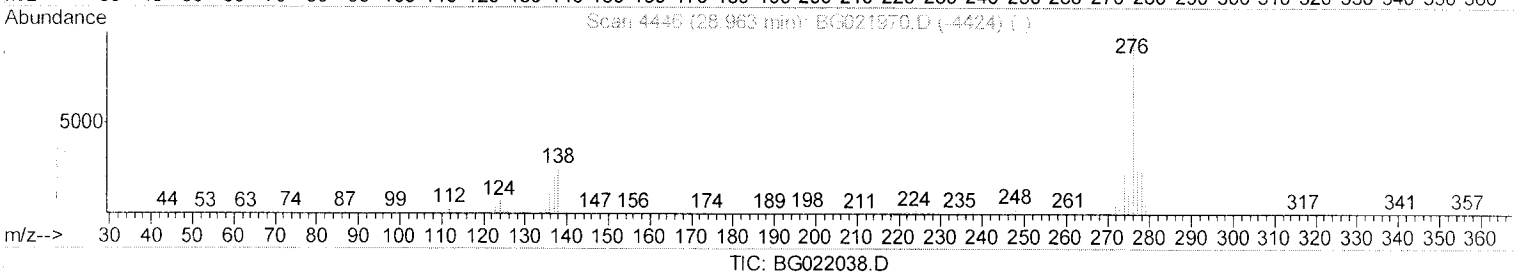
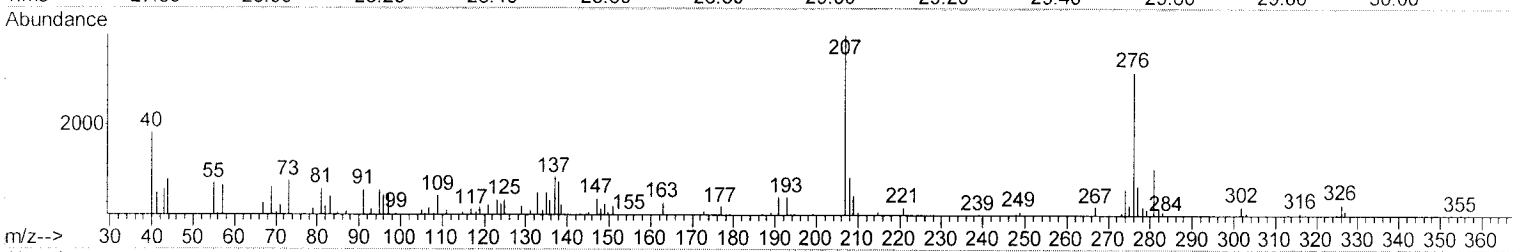
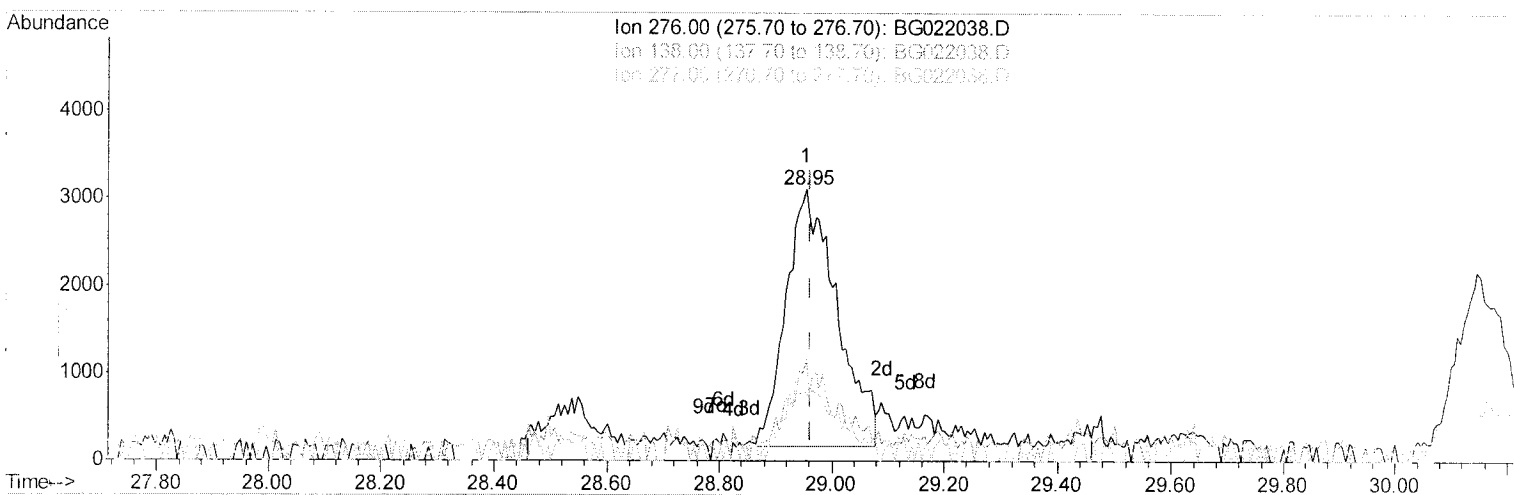
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(39) Indeno(1,2,3-cd)pyrene

28.954min (-0.009) 1.41ng/ul m

response 18405

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	26.61#
277.00	23.80	24.65
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	47599	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	245645	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	132700	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	256155	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	223731	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	208457	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1457	1.40	ng/uL	0.00
3) Phenol-d5	7.31	99	80867	19.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	44247	19.77	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	71390	20.69	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	71573	19.12	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	38277	22.21	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	37860	20.59	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	68631	21.12	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	63887	24.96	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	216021	21.11	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	307866	23.36	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	19816m	11.01	ng/ul	0.00
21) Fluorene-d10	15.78	176	198022	21.50	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	17216	13.54	ng/ul	0.00
26) Anthracene-d10	17.63	188	267920	22.70	ng/ul	0.00
30) Pyrene-d10	19.91	212	274869m	23.29	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	215533	23.28	ng/ul	0.00

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Target Compounds

					Qvalue
25) Phenanthrene	17.57	178	26585	1.94 ng/ul	99
28) Fluoranthene	19.57	202	65113	4.58 ng/ul#	94
31) Pyrene	19.93	202	56326m	3.66 ng/ul	
32) Benzo(a)anthracene	21.79	228	32815	2.64 ng/ul	91
33) Chrysene	21.86	228	33973	2.81 ng/ul	95
35) Benzo(b)fluoranthene	24.08	252	52390	4.37 ng/ul#	94
36) Benzo(k)fluoranthene	24.15	252	13851m	1.18 ng/ul	
38) Benzo(a)pyrene	24.99	252	28063	2.45 ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.95	276	18405m	1.41 ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	12875	1.17 ng/ul#	84

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