

Quantitation Report (QT Reviewed)

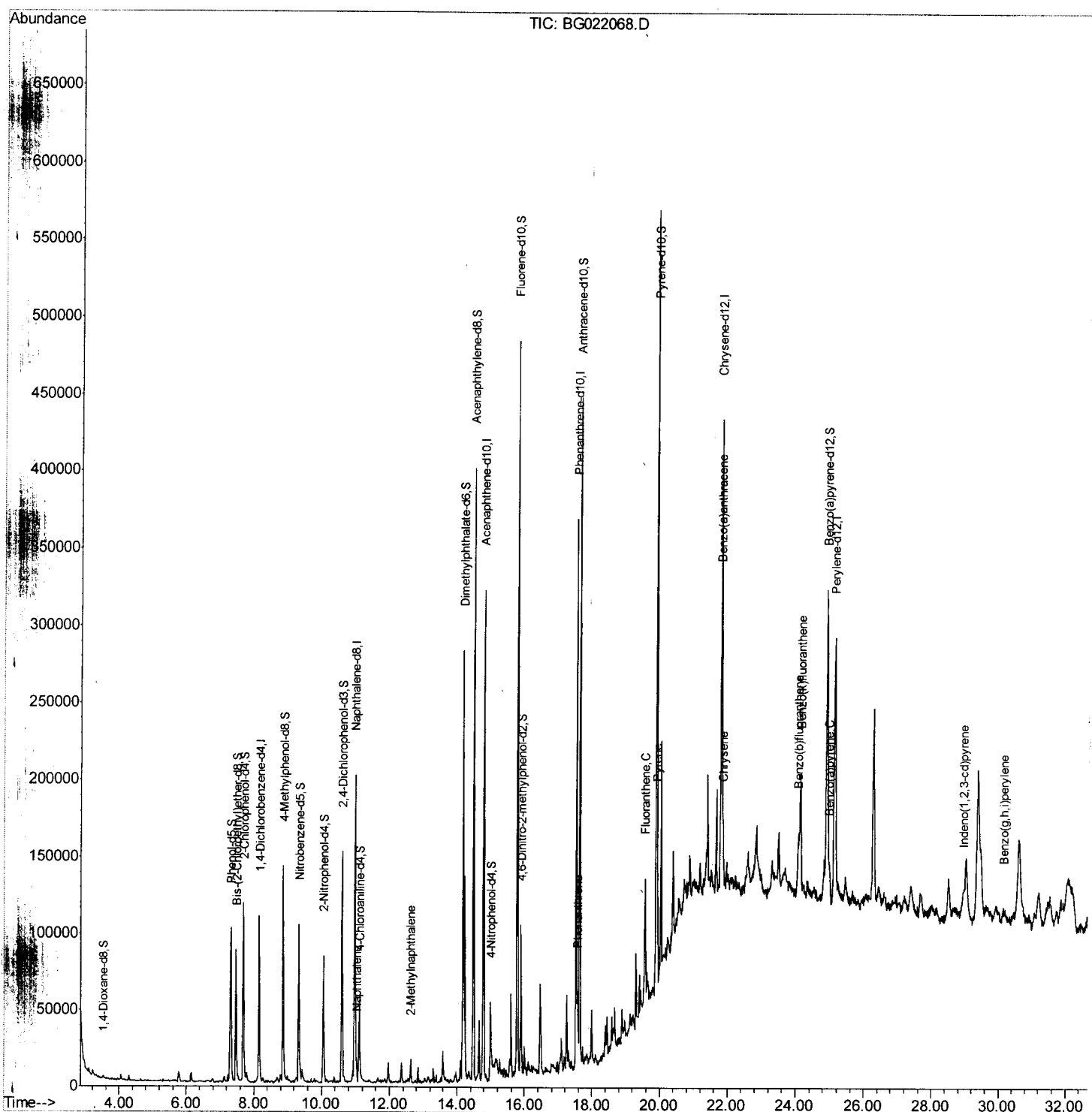
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052516\
 Data File : BG022068.D
 Acq On : 25 May 2016 21:23
 Operator : UM/SJ
 Sample : H3203-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ2

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:42:54 PM

Quant Time: May 26 17:03:43 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 26 03:11:46 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

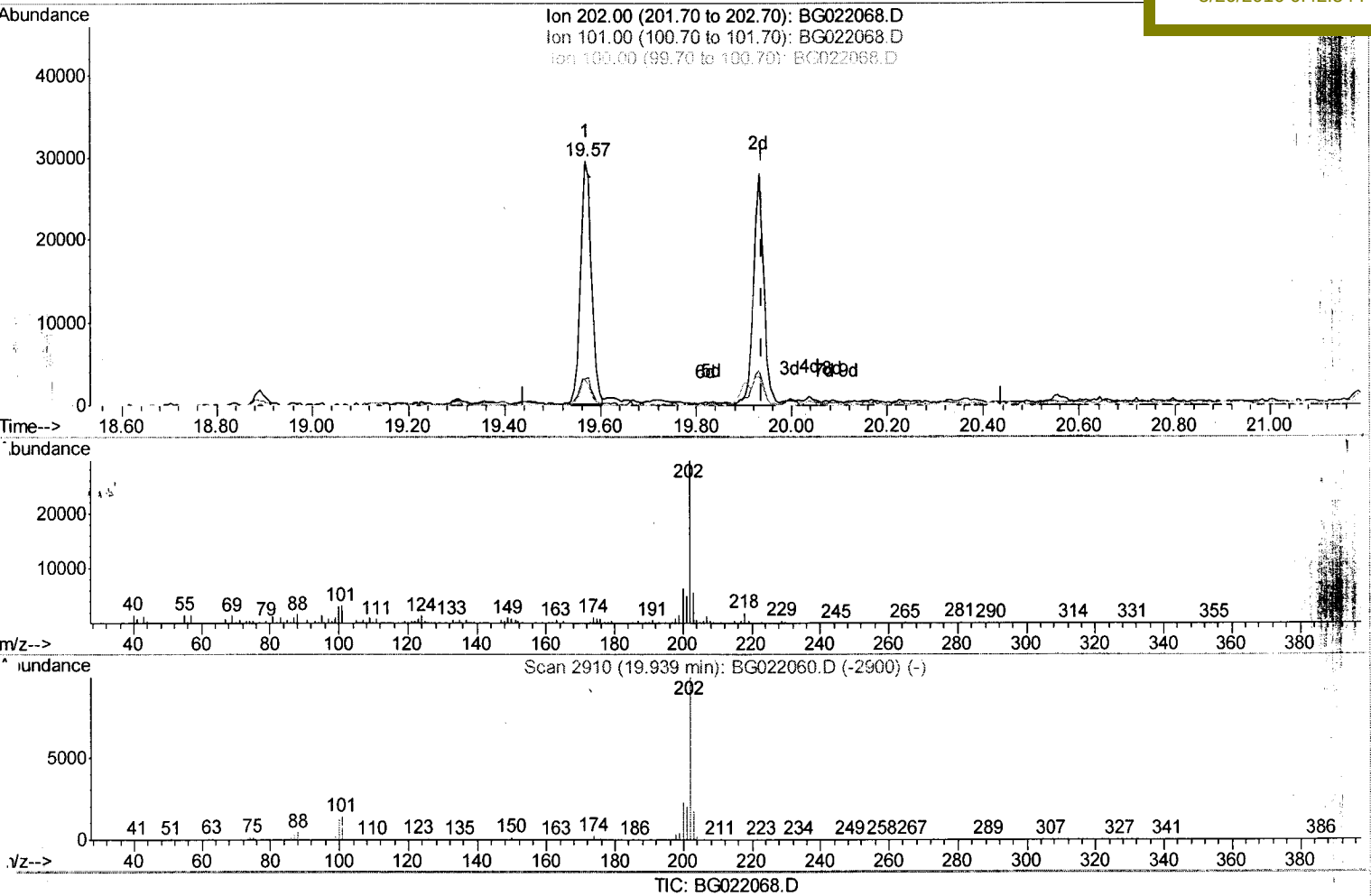
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Quant Time: May 26 17:00:02 2016
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(31) Pyrene

19.568min (-0.371) 3.55ng/ul

response 46611

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	11.13
100.00	11.60	10.60
0.00	0.00	0.00

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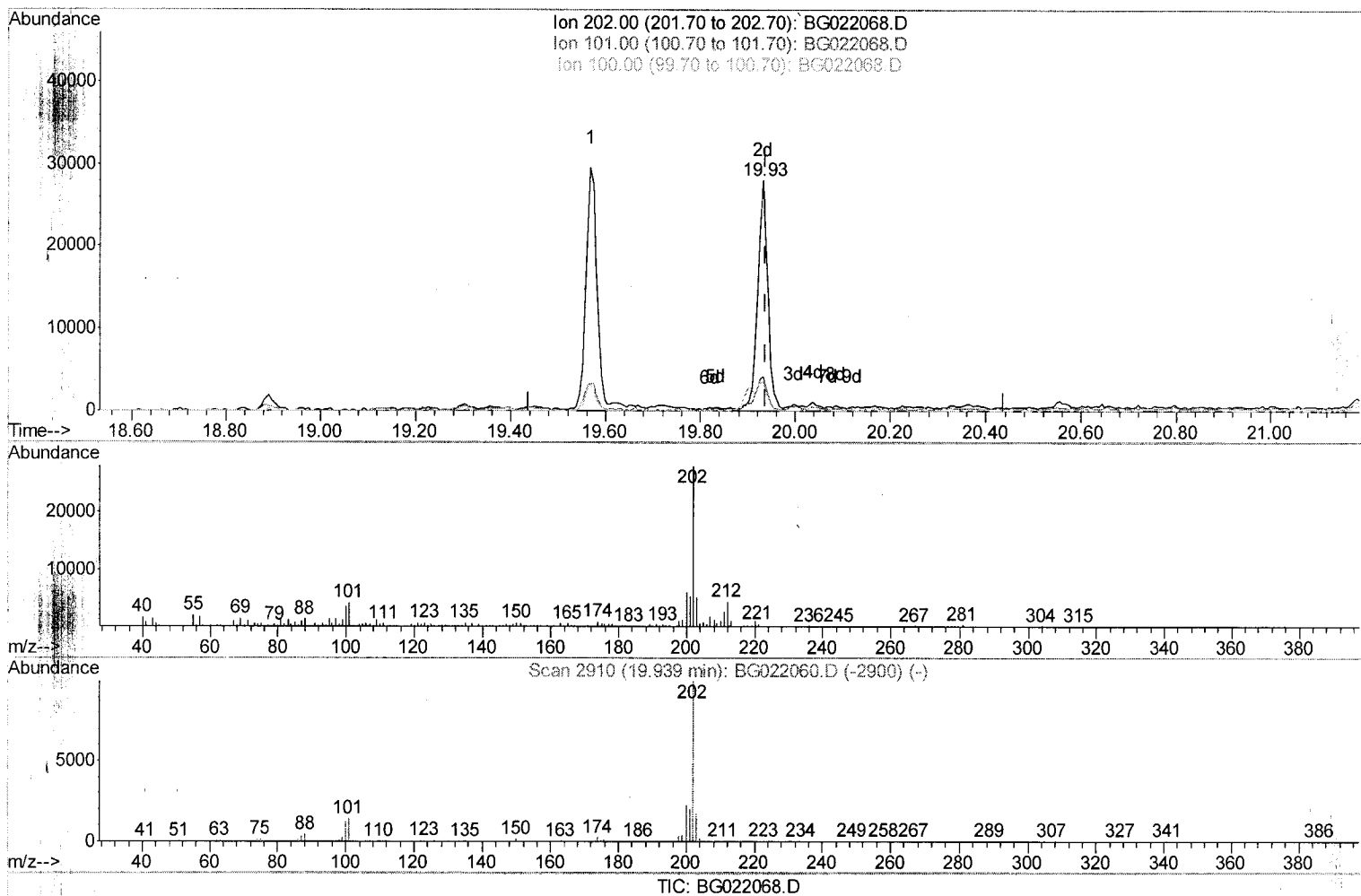
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(31) Pyrene

19.932min (-0.007) 3.28ng/ul m

response 43043

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.06#
100.00	11.60	12.57
0.00	0.00	0.00

> 0.0 M
 0.5131116

Quantitation Report (Qedit)

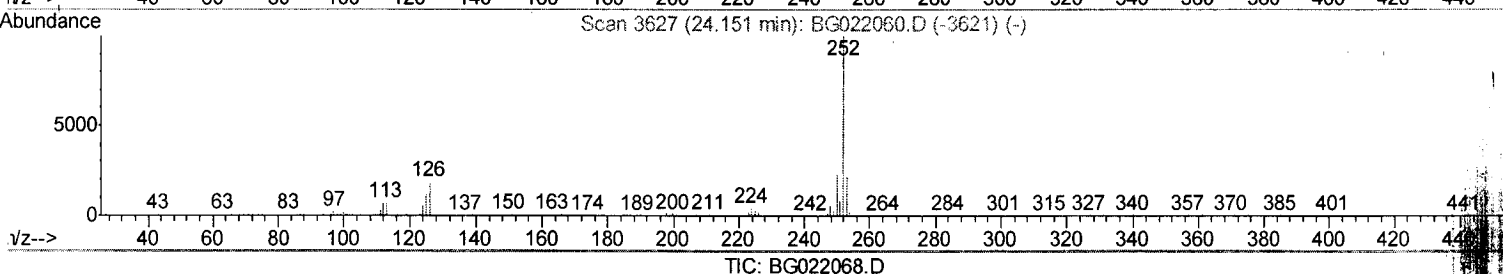
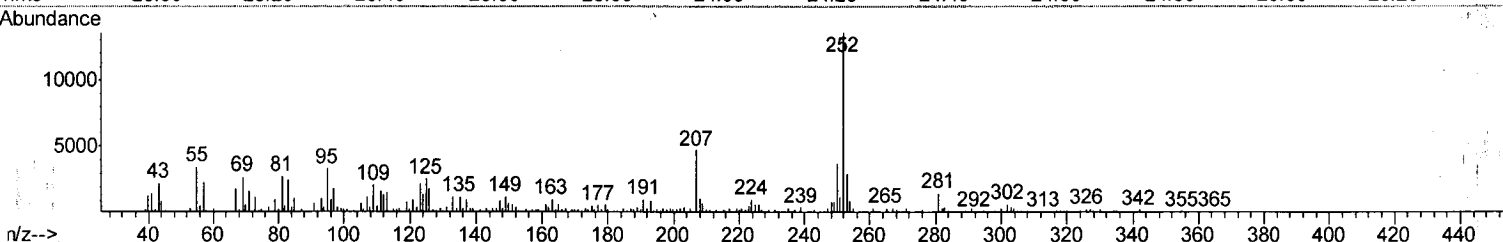
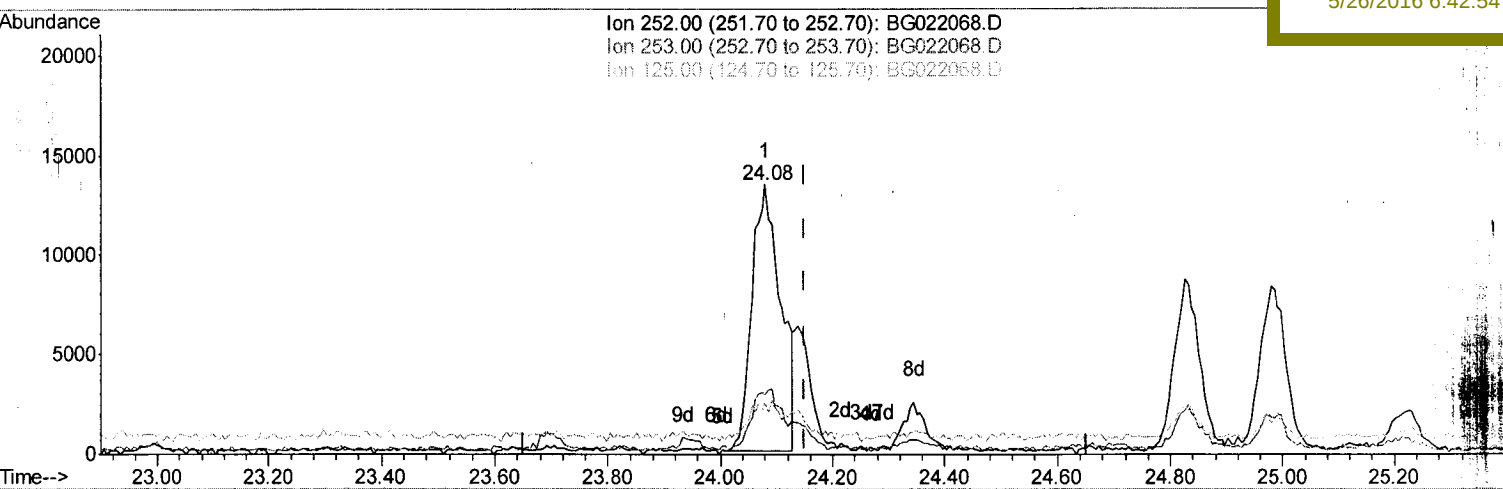
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(36) Benzo(k)fluoranthene

24.080min (-0.071) 4.46ng/ul

response 47121

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	21.93
125.00	9.60	19.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

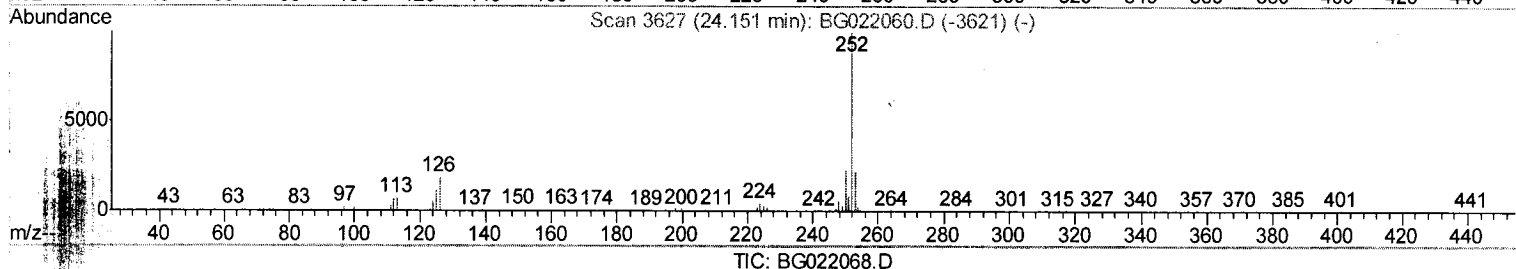
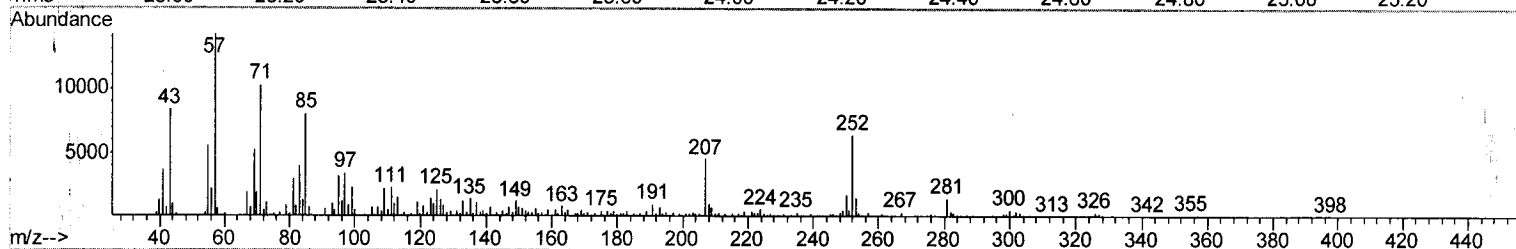
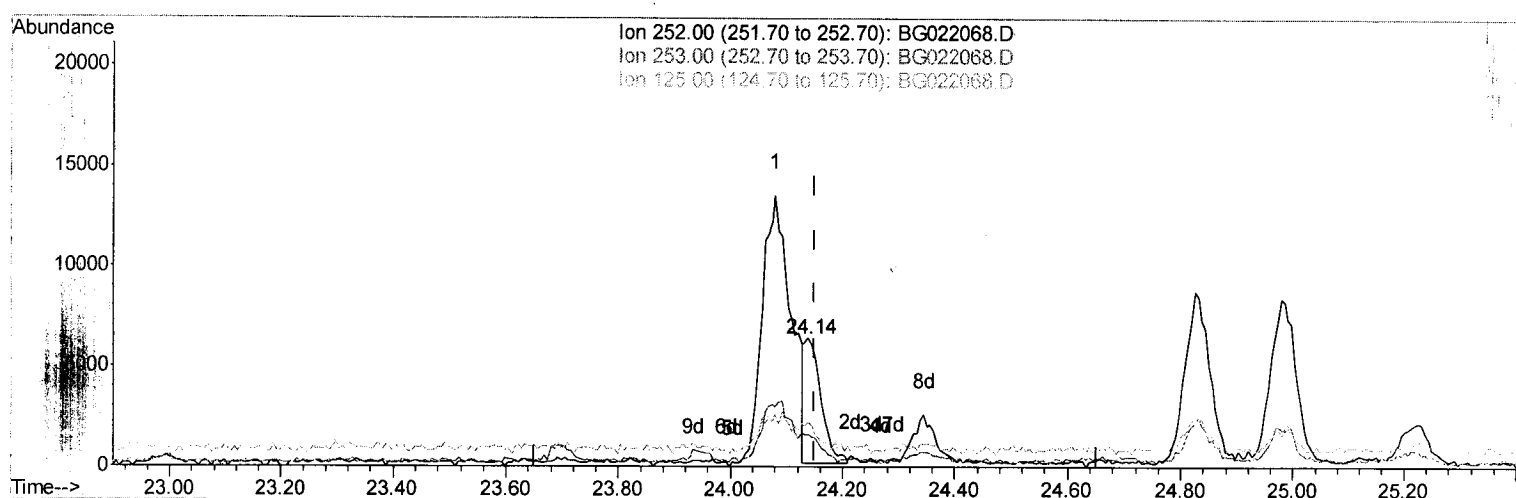
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(36) Benzo(k)fluoranthene

24.139min (-0.012) 1.24ng/ul m

response 13106

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.18
125.00	9.60	34.30#
0.00	0.00	0.00

0.14
 0.513116

Quantitation Report (Qedit)

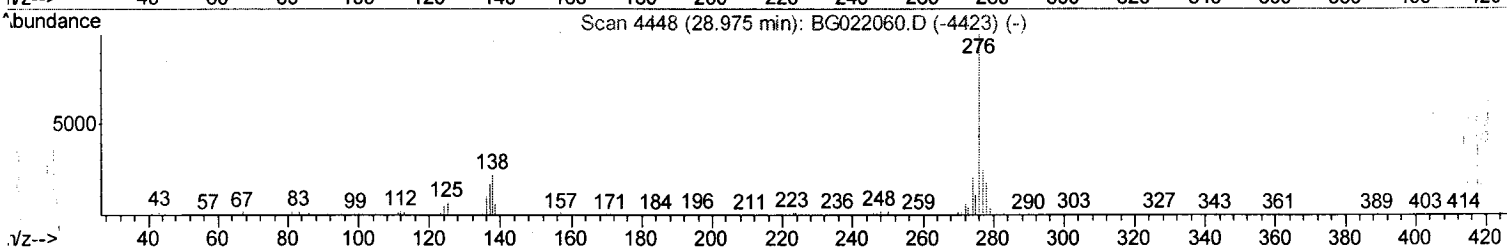
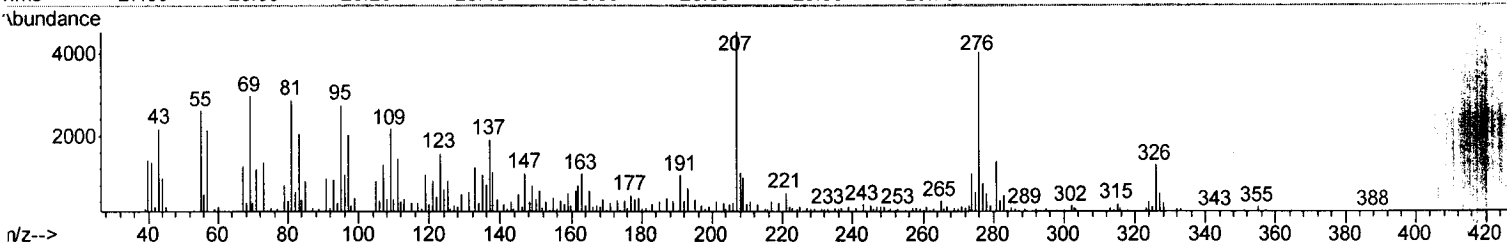
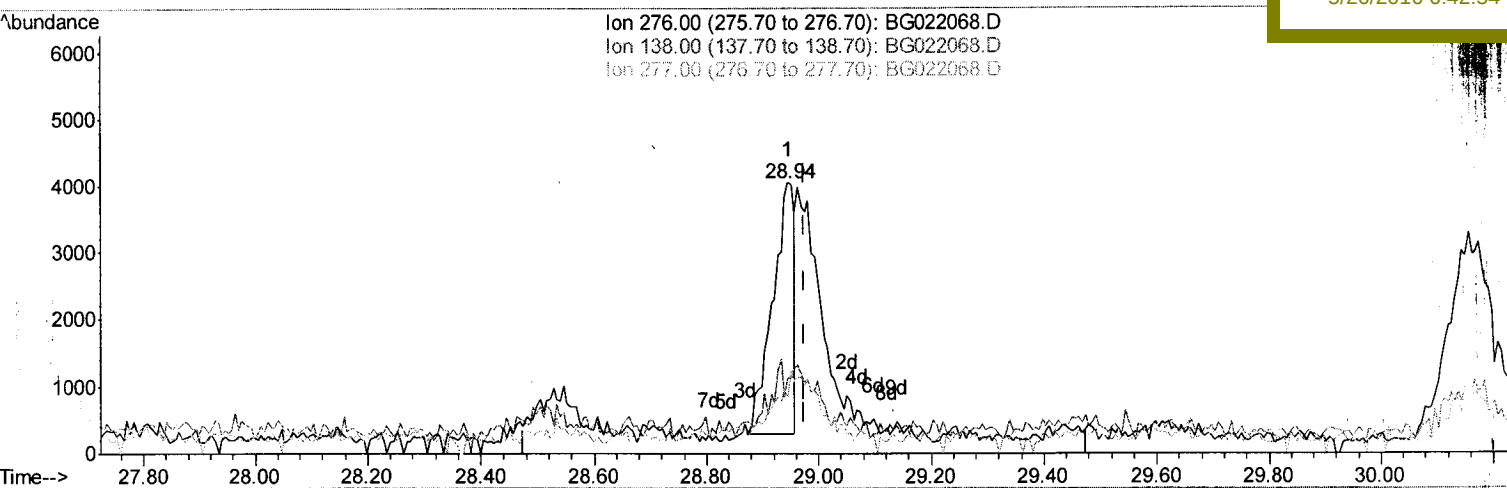
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Sample : H3203-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
D9XJ2

Manual Integrations
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TIC: BG022068.D

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

28.945min (-0.030) 0.86ng/ul

response 10057

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.70#
277.00	23.80	21.05
0.00	0.00	0.00

Quantitation Report (Qedit)

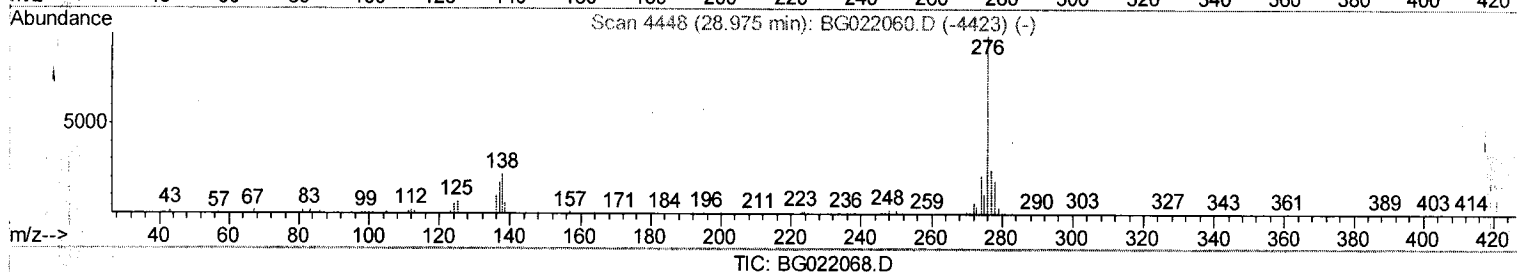
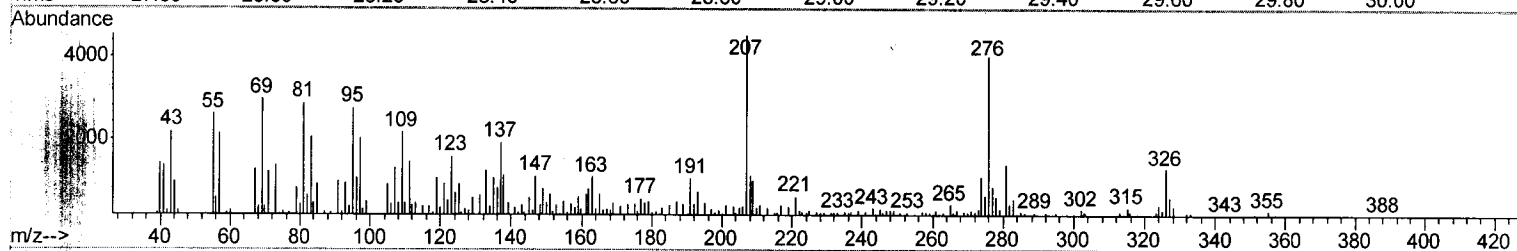
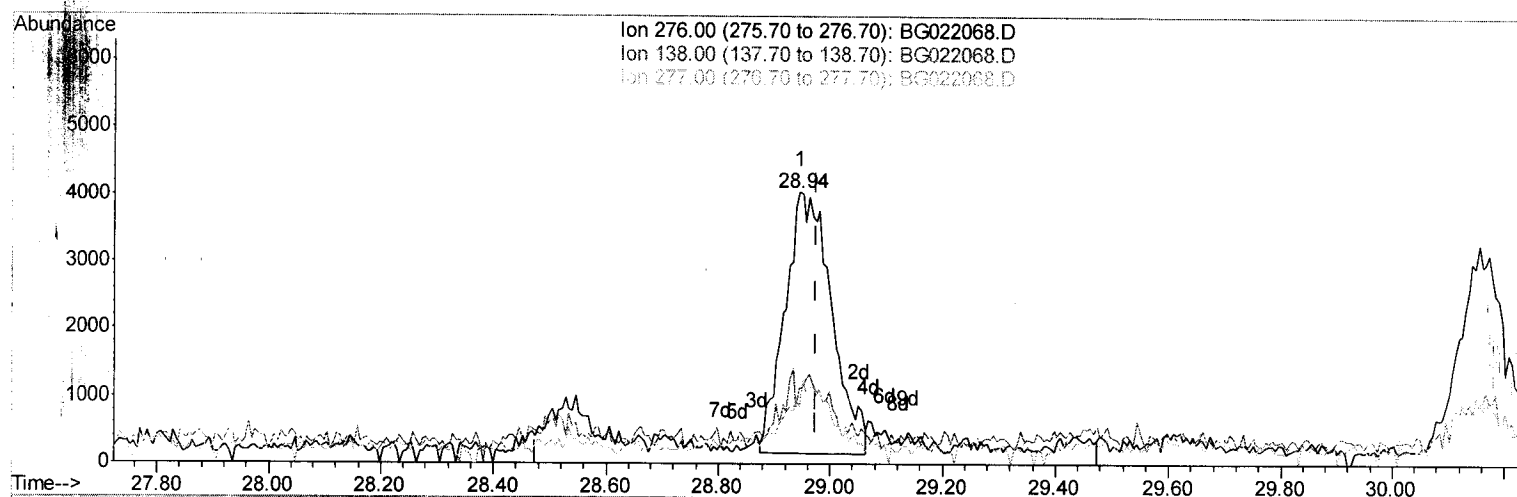
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 Data File : BG022068.D
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 Operator : UM/SJ
 Sample : H3203-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 D9XJ2

Manual Integrations
 APPROVED

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

28.945min (-0.030) 1.91ng/ul m

response 22332

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.70#
277.00	23.80	21.05
0.00	0.00	0.00

U.M
 05131116

Quantitation Report (Qedit)

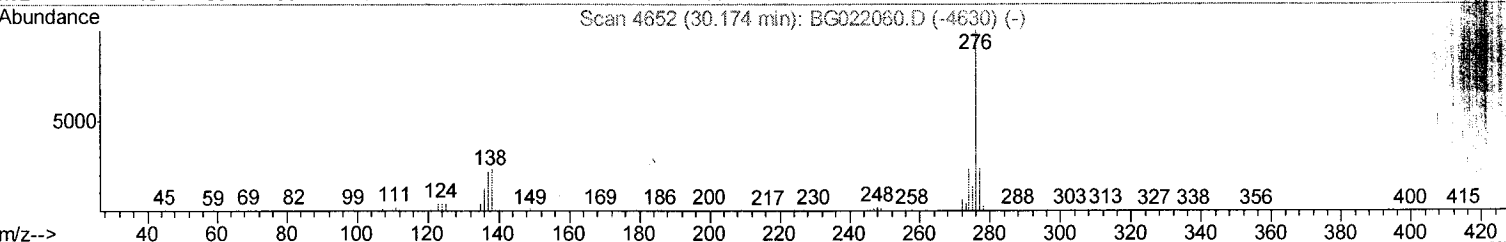
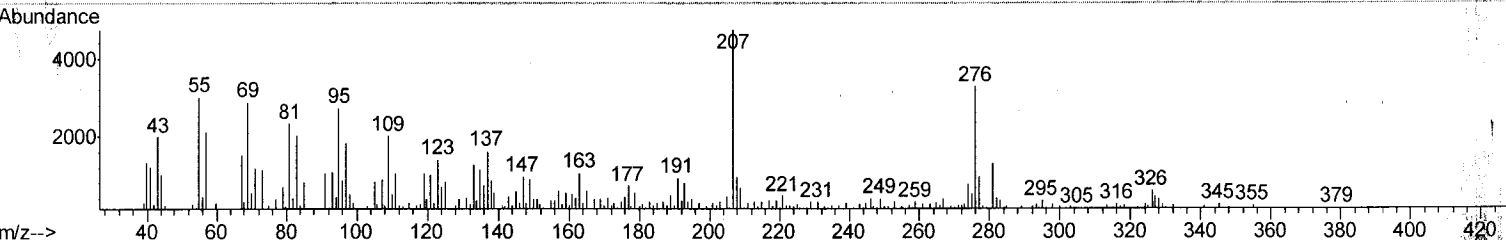
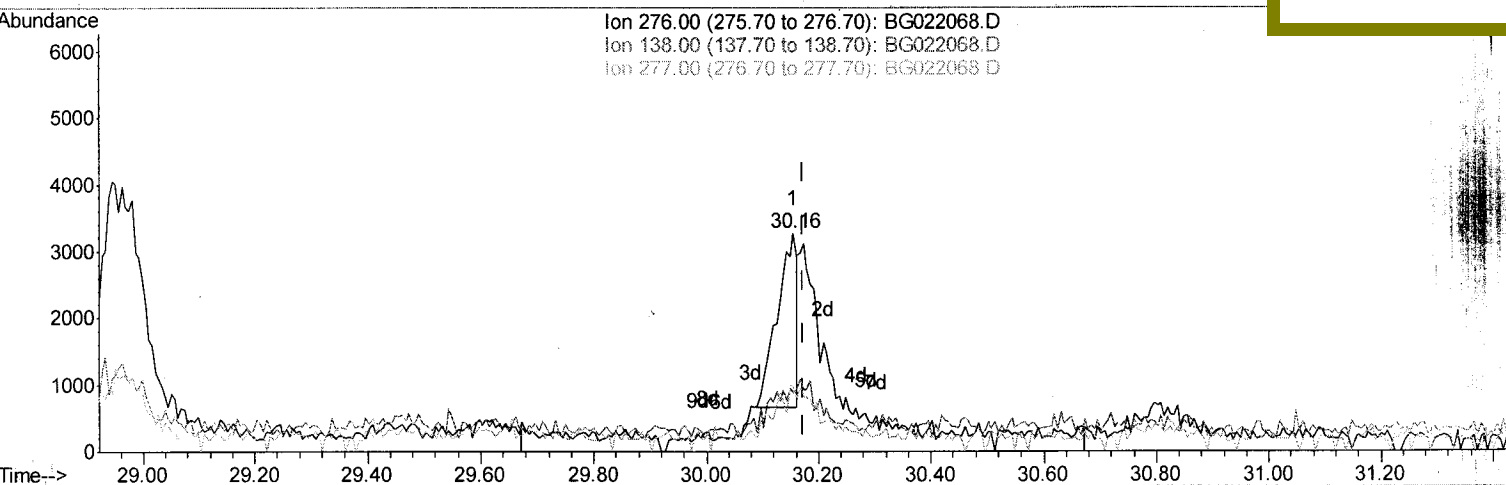
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TIC: BG022068.D

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

30.155min (-0.018) 0.64ng/ul

response 6343

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	26.62#
277.00	24.70	29.21
0.00	0.00	0.00

Quantitation Report (Qedit)

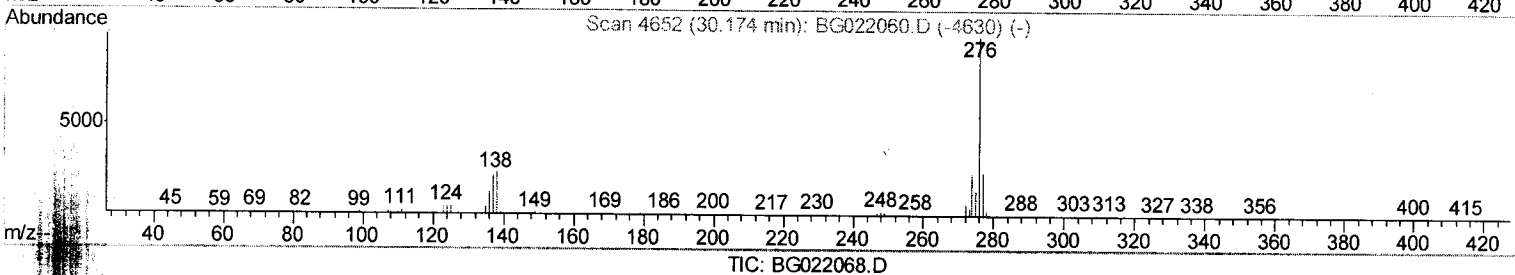
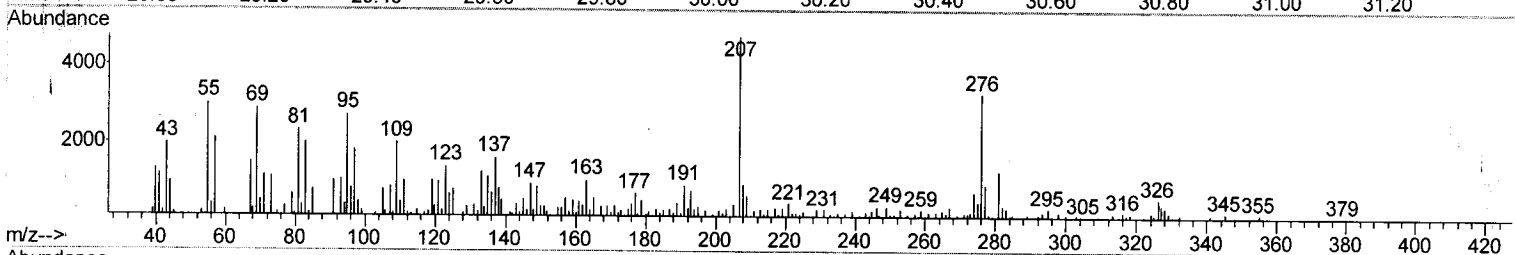
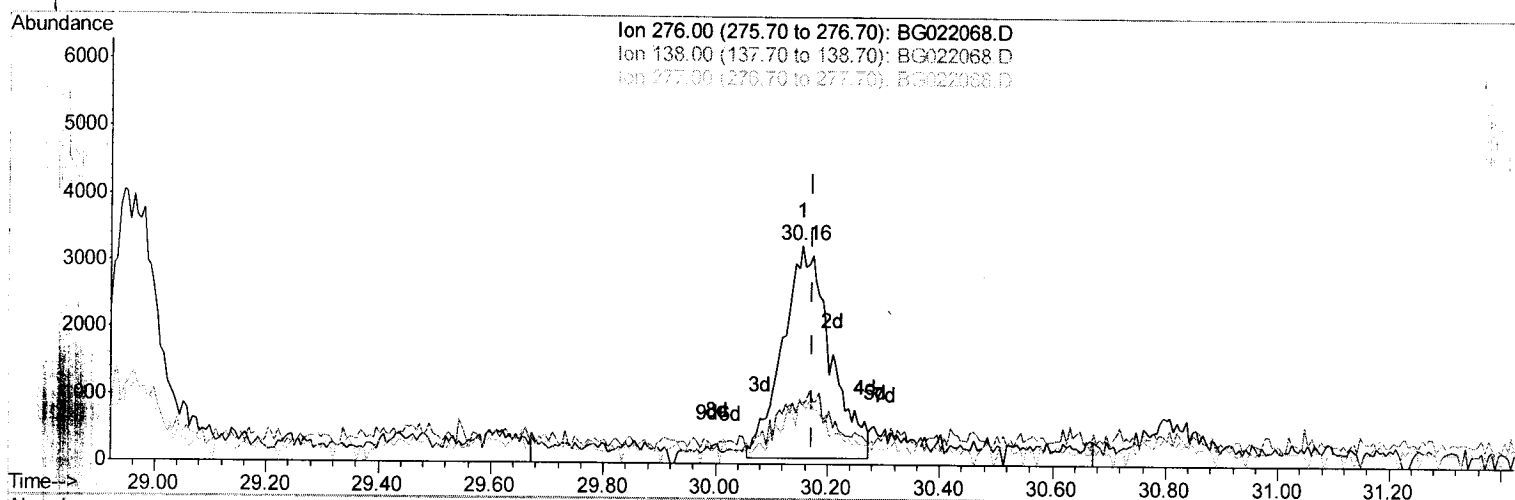
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(41) Benzo(g,h,i)perylene

30.155min (-0.018) 1.91ng/ul m

response 18889

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	26.62#
277.00	24.70	29.21
0.00	0.00	0.00

U.M
 05131116

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40852	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	216324	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	121788	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	232287	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	190523	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	186829	20.00	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.52	96	1467	1.65	ng/uL	0.00
3) Phenol-d5	7.32	99	88486	24.53	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	46454	24.18	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	77263	26.09	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	76801	23.90	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	40238	26.51	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	44733	27.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	76028	26.56	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	43612	19.35	ng/ul	0.00
16) Dimethylphthalate-d6	14.17	166	237246	25.26	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	328426	27.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	25261	15.29	ng/ul	0.00
21) Fluorene-d10	15.77	176	211617	25.04	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	30040	26.06	ng/ul	0.00
26) Anthracene-d10	17.62	188	284525	26.59	ng/ul	0.00
30) Pyrene-d10	19.90	212	273237	27.18	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	218626	26.35	ng/ul	0.00

Target Compounds

					Qvalue	
11) Naphthalene	11.02	128	15978	1.52	ng/ul	97
13) 2-Methylnaphthalene	12.62	142	10652	1.40	ng/ul	99
25) Phenanthrene	17.56	178	30720	2.47	ng/ul	96
28) Fluoranthene	19.57	202	46059	3.57	ng/ul#	98
31) Pyrene	19.93	202	43043m	3.28	ng/ul	
32) Benzo(a)anthracene	21.79	228	25025	2.37	ng/ul	93
33) Chrysene	21.85	228	34311	3.34	ng/ul#	94
35) Benzo(b)fluoranthene	24.08	252	47121	4.39	ng/ul#	91
36) Benzo(k)fluoranthene	24.14	252	13106m	1.24	ng/ul	
38) Benzo(a)pyrene	24.98	252	25747	2.51	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.94	276	22332m	1.91	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	18889m	1.91	ng/ul	

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