

Quantitation Report (QT Reviewed)

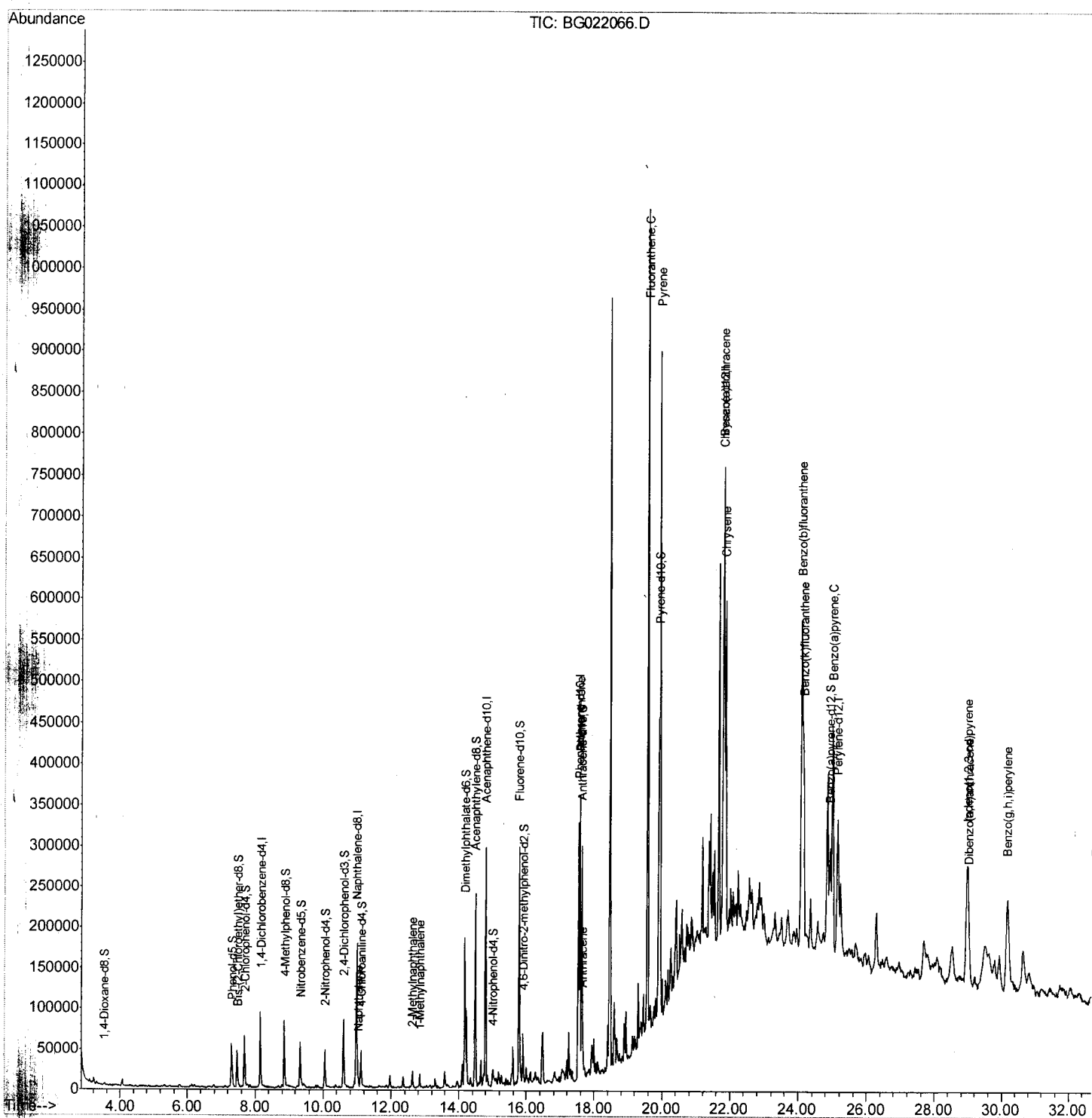
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052516\
 Data File : BG022066.D
 Acq On : 25 May 2016 20:02
 Operator : UM/SJ
 Sample : H3203-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9XJ0

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:42:39 PM

Quant Time: May 26 03:32:19 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)

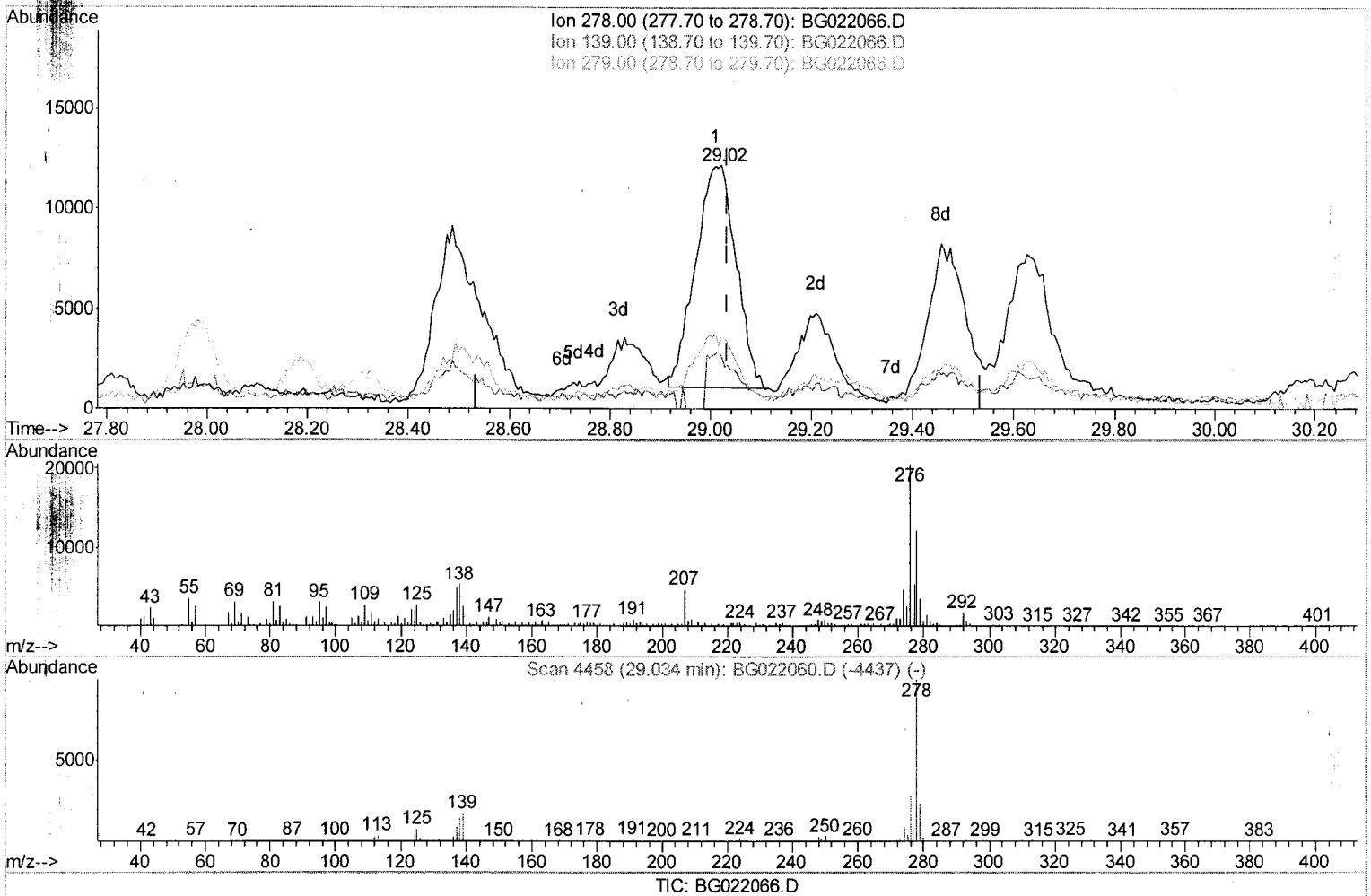
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052516\
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(40) Dibenzo(a,h)anthracene

29.021min (-0.013) 6.88ng/ul m

response 61563

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	21.92#
279.00	24.80	29.65
0.00	0.00	0.00

U.M
 05131116

Quantitation Report (Qedit)

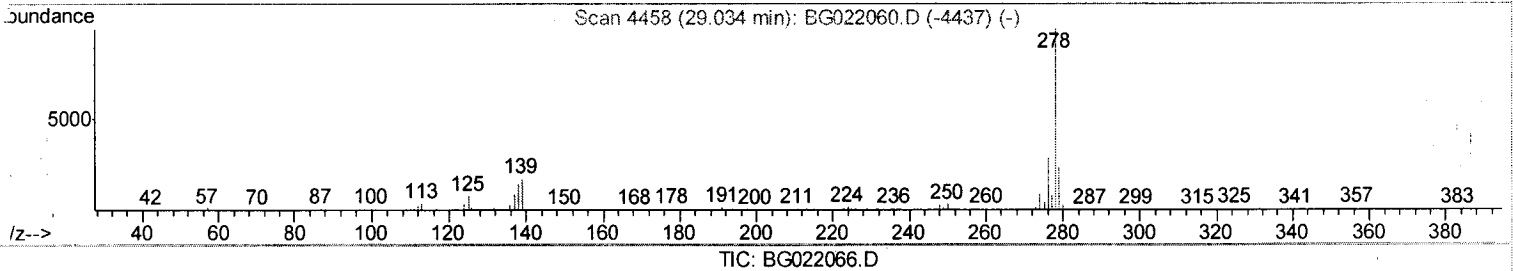
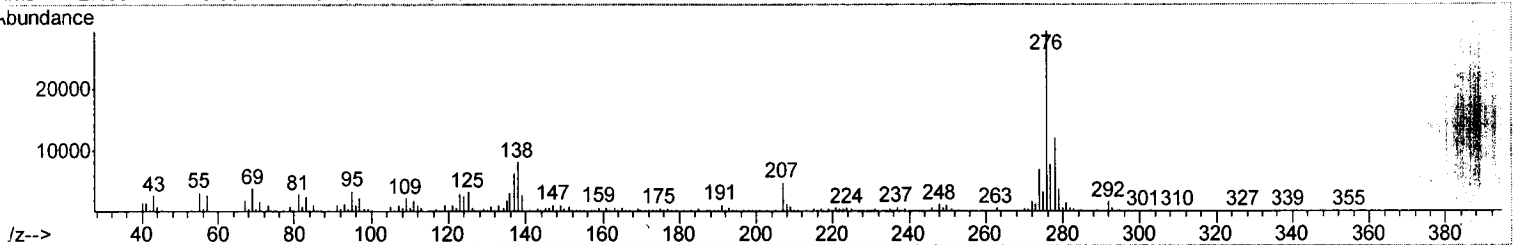
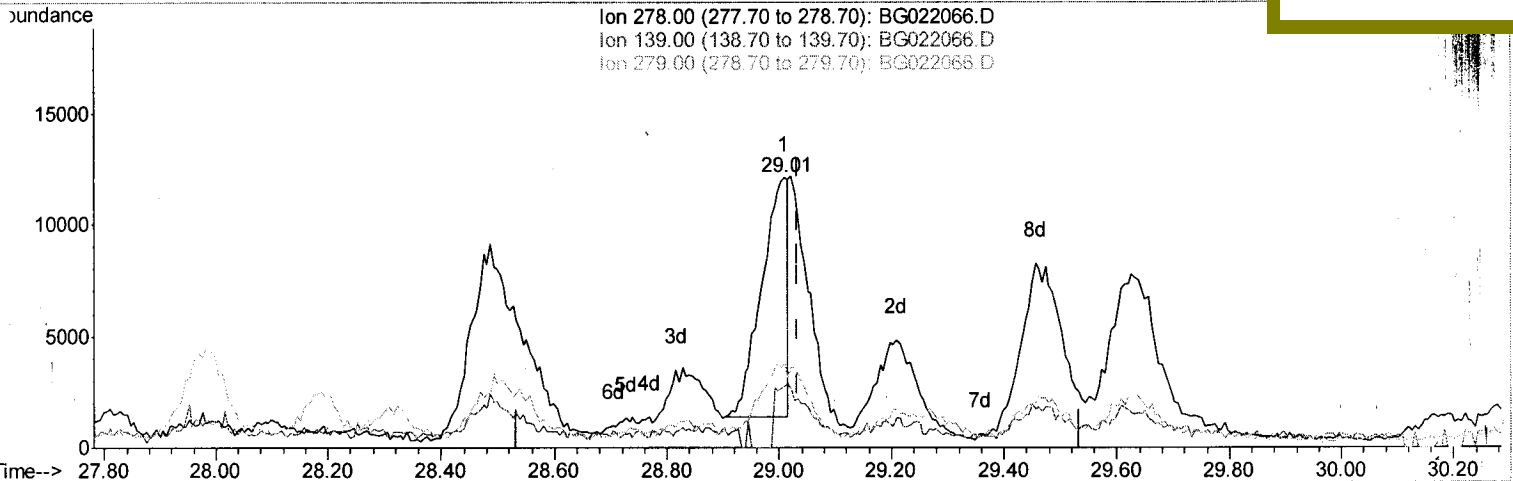
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(40) Dibenzo(a,h)anthracene

29.009min (-0.024) 3.87ng/ul

response 34607

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	22.72#
279.00	24.80	31.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

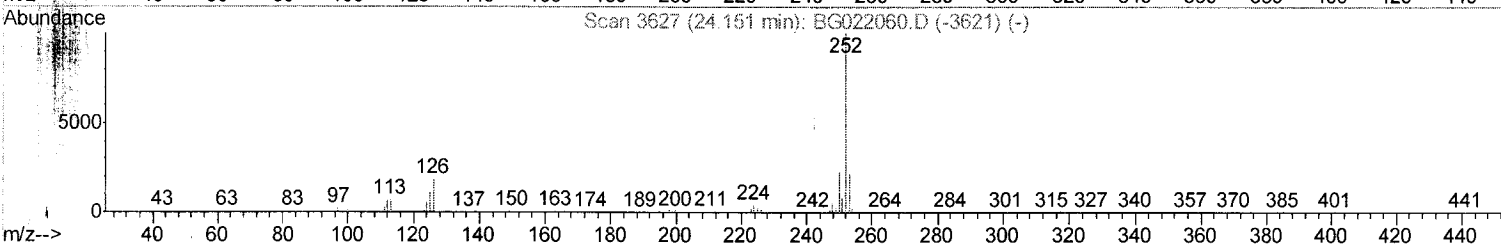
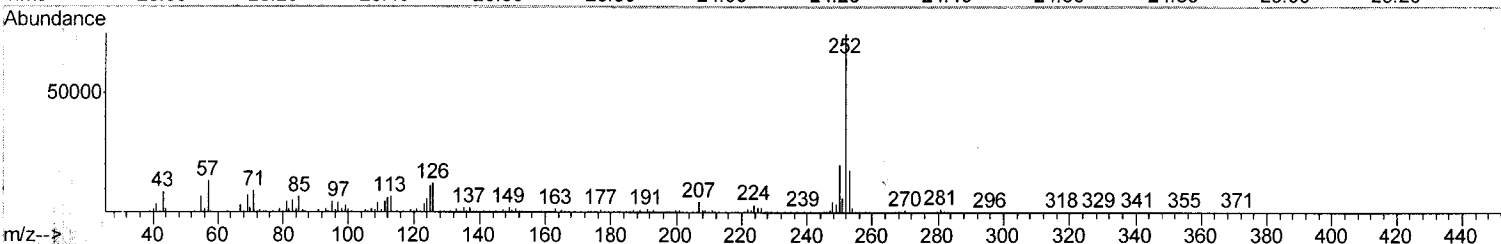
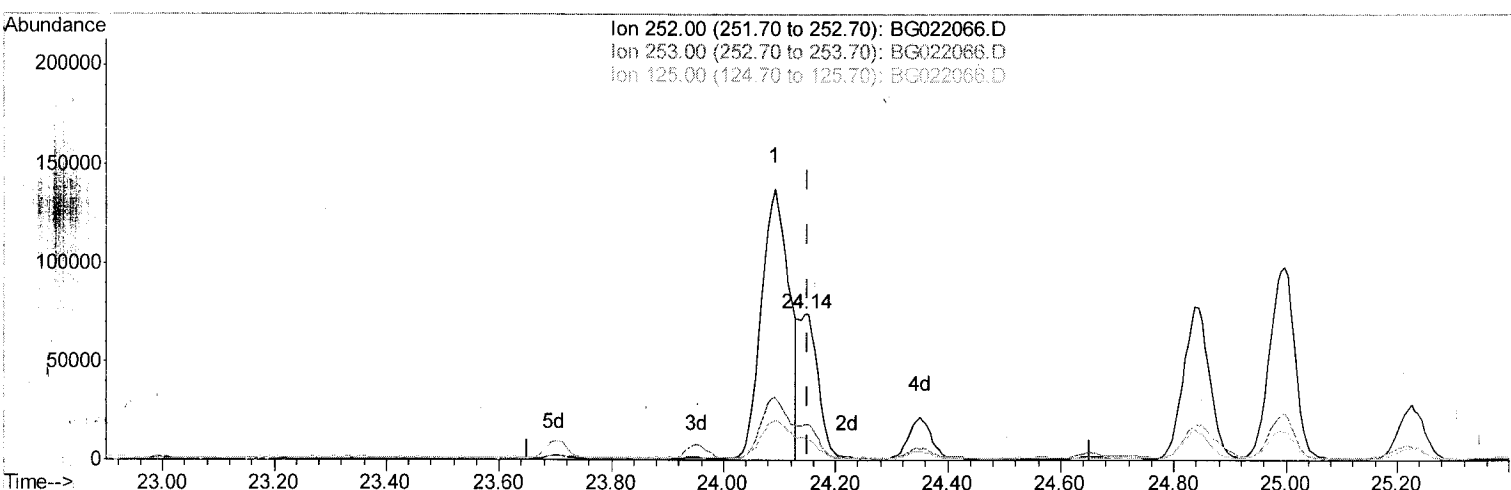
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TIC: BG022066.D

(36) Benzo(k)fluoranthene

24.144min (-0.007) 19.46ng/ul m

response 190194

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.17
125.00	9.60	15.30#
0.00	0.00	0.00

U.M
 05131116

Quantitation Report (Qedit)

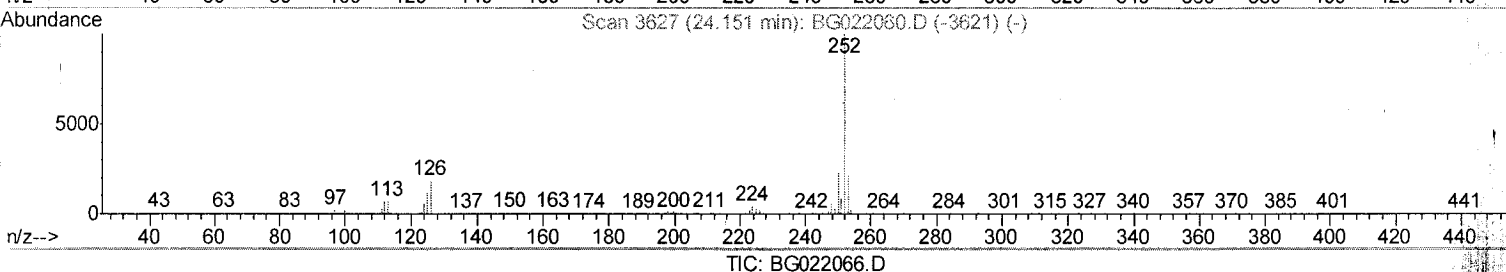
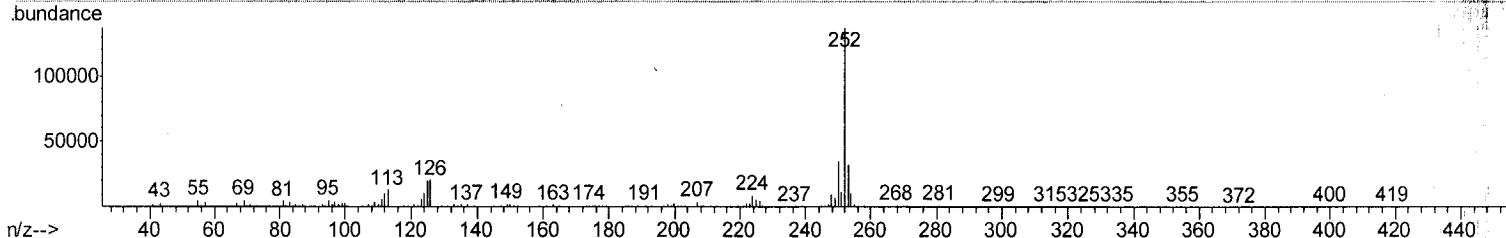
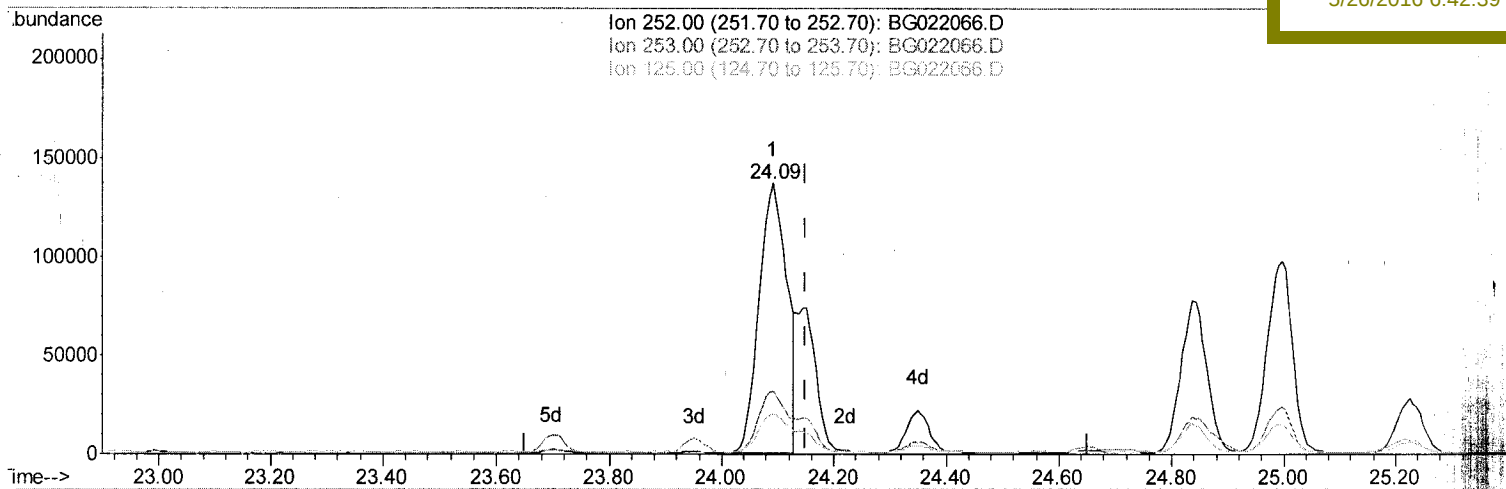
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(36) Benzo(k)fluoranthene

24.092min (-0.060) 47.67ng/ul

response 465938

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.26
125.00	9.60	14.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

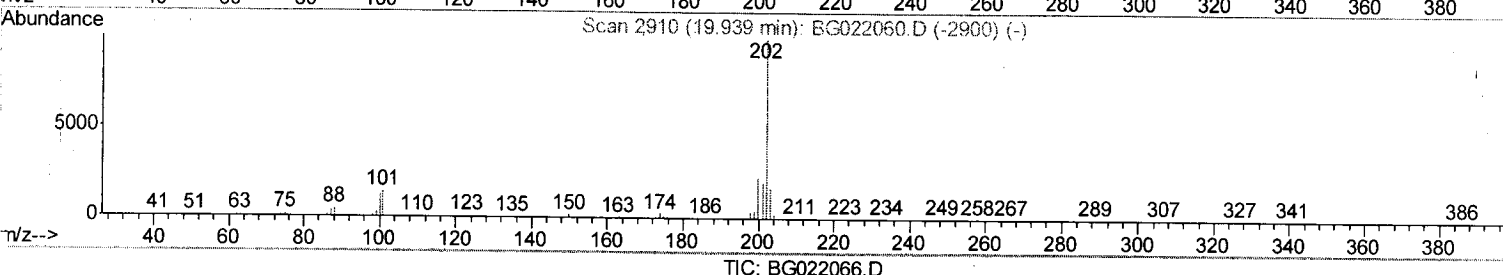
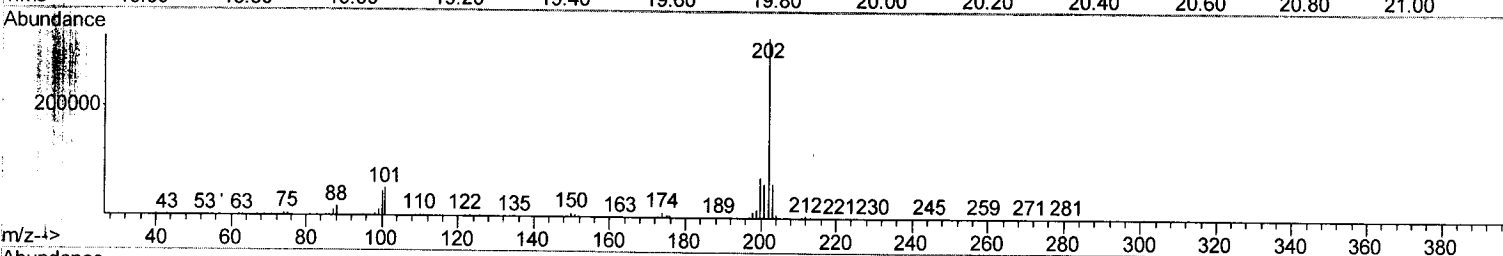
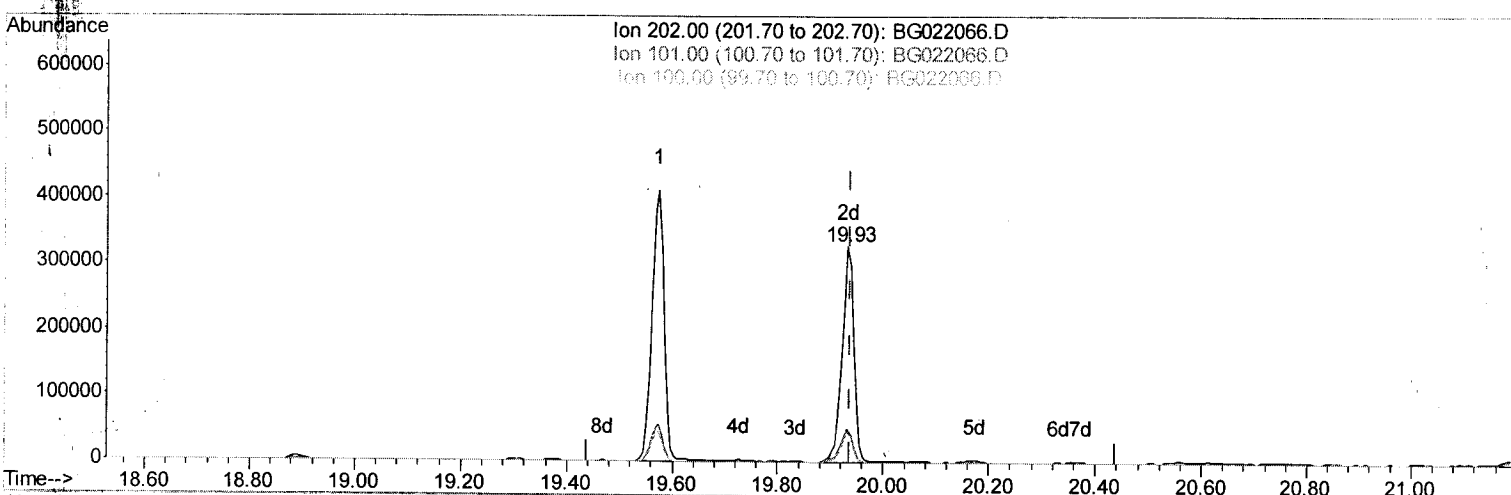
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TIC: BG022066.D

(31) Pyrene

19.932min (-0.007) 41.55ng/ul m

response 514456

Ion Exp% Act%

202.00 100 100

101.00 12.30 15.57#

100.00 11.60 13.97#

0.00 0.00 0.00

> U.M
 05131116

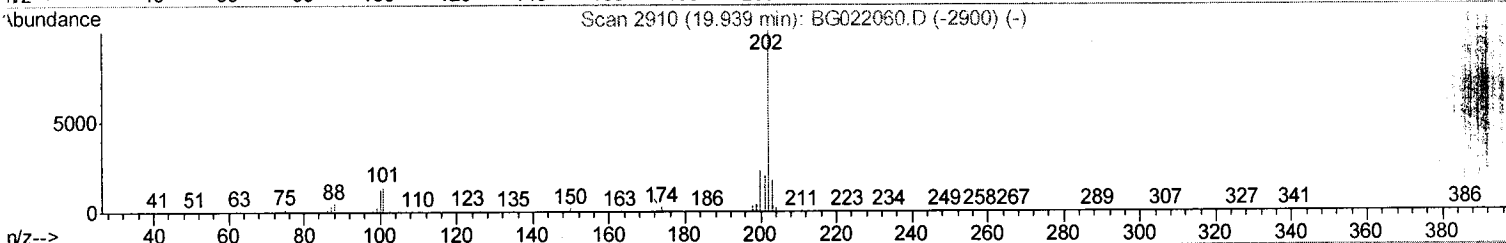
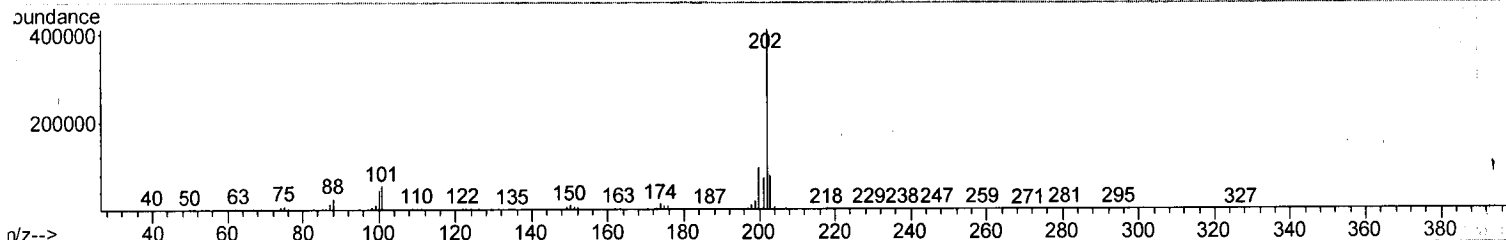
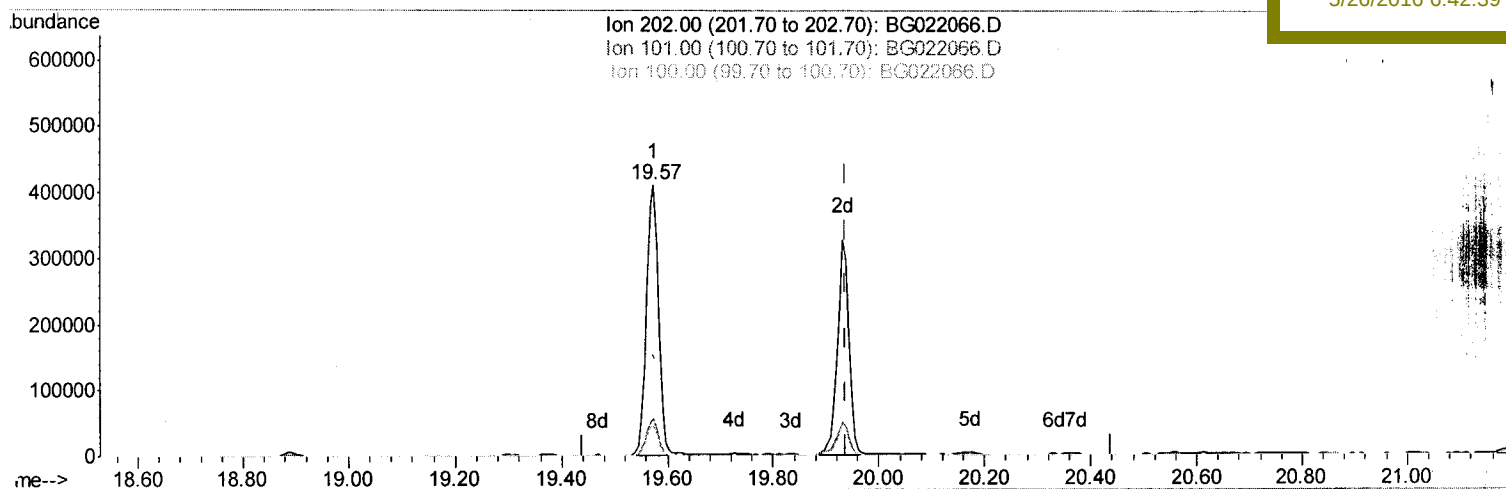
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG022066.D

(31) Pyrene

19.573min (-0.365) 52.71ng/ul

response 652748

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.47
100.00	11.60	11.01
0.00	0.00	0.00

Quantitation Report (Qedit)

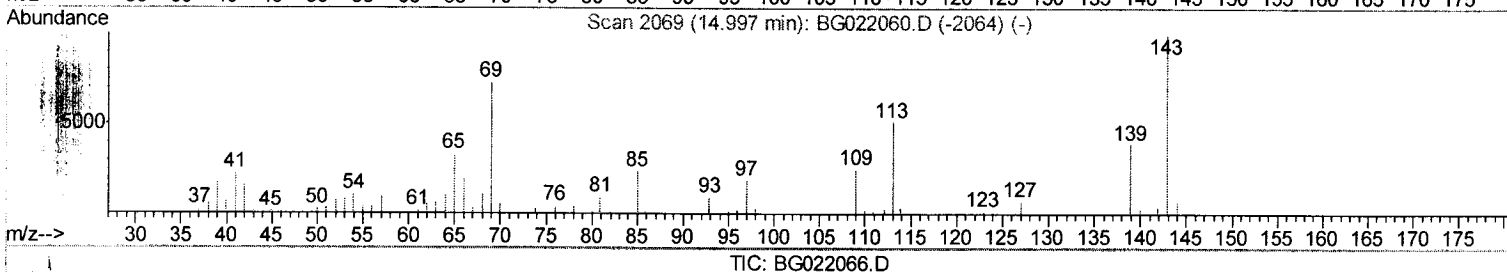
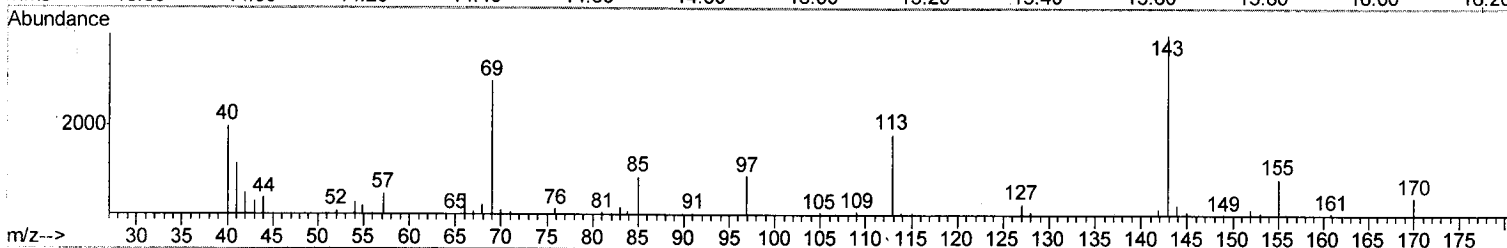
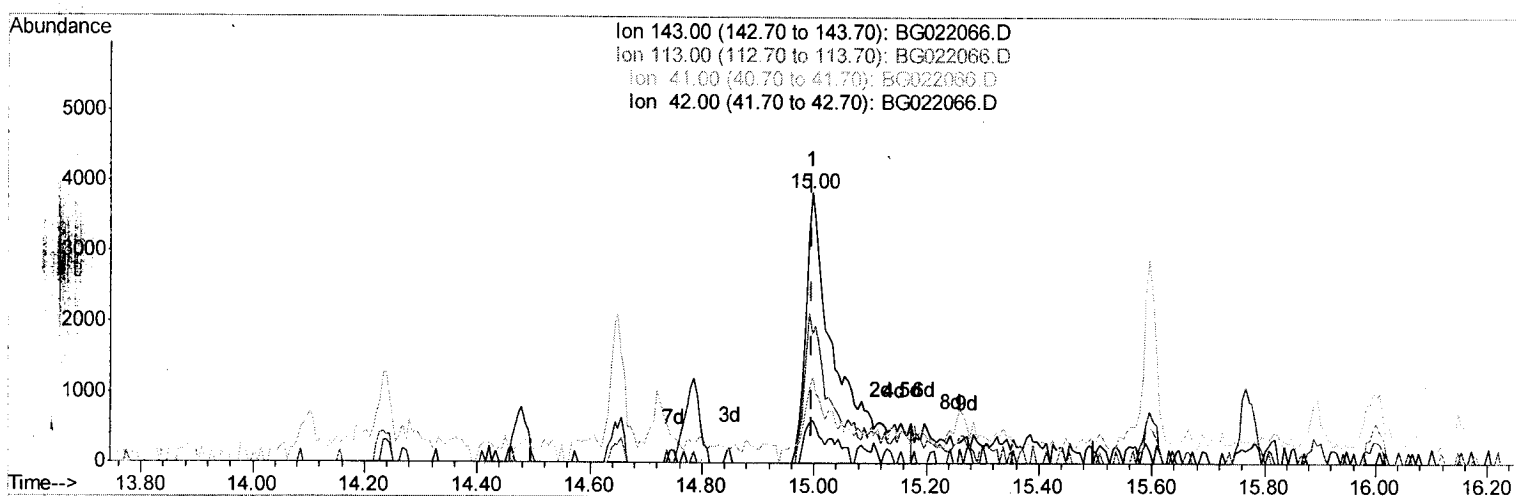
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Instrument :
 BNA_G
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TIC: BG022066.D

(20) 4-Nitrophenol-d4 (S)

14.996min (-0.001) 9.83ng/ul m

response 15025

U.M
 05131116

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	47.63#
41.00	49.70	31.64#
42.00	33.70	15.76#

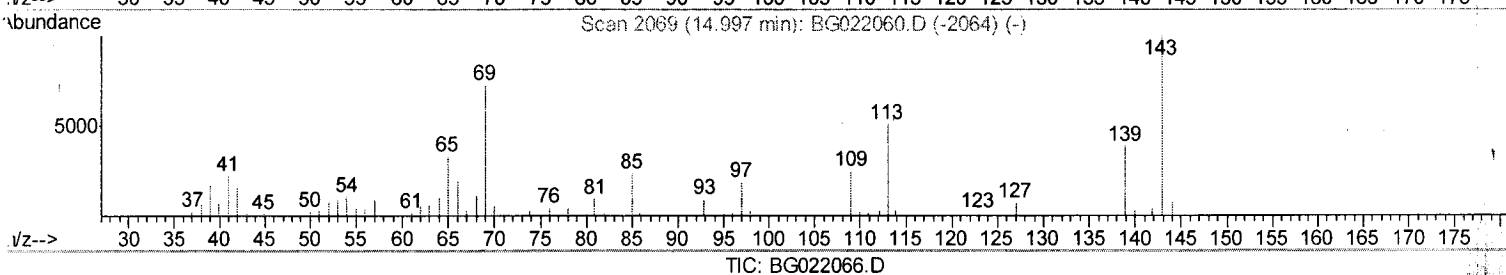
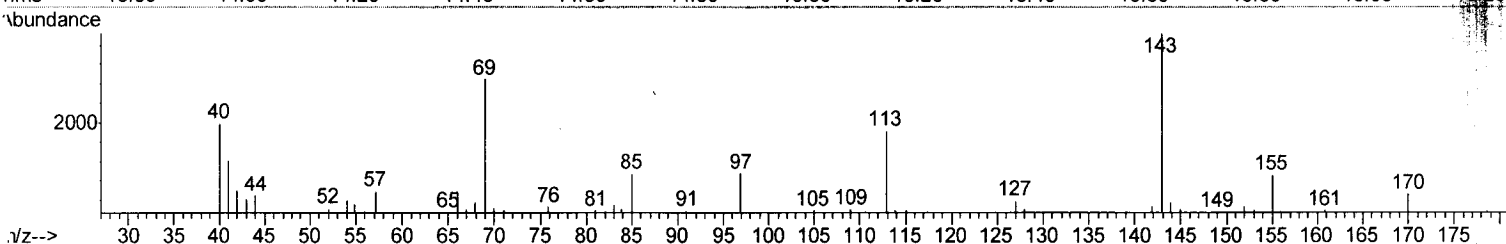
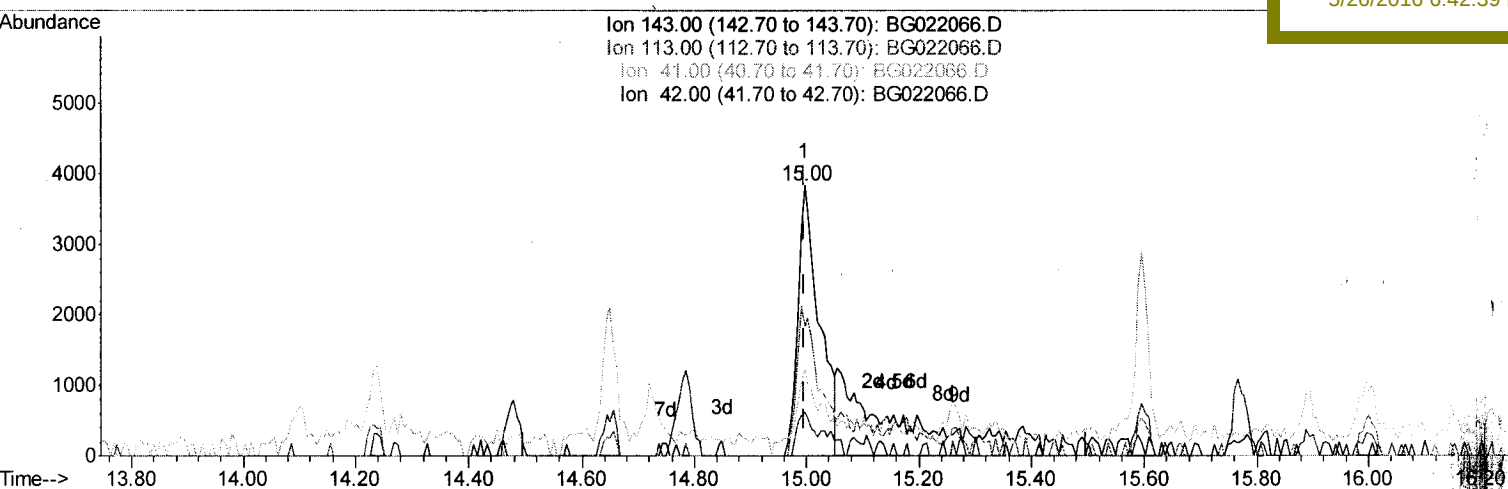
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Data File : BG022066.D
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Sample : H3203-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XJ0

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Manual Integrations
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(20) 4-Nitrophenol-d4 (S)

14.996min (-0.001) 6.57ng/ul

response 10044

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	47.63#
41.00	49.70	31.64#
42.00	33.70	15.76#

Quantitation Report (Qedit)

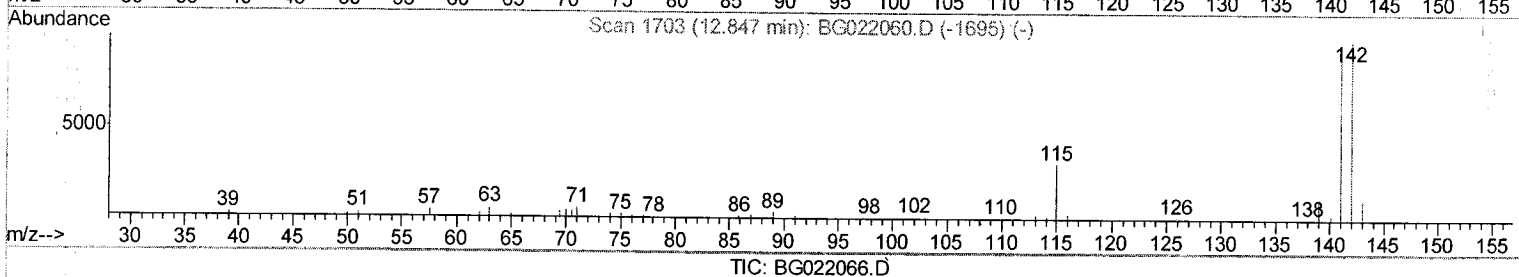
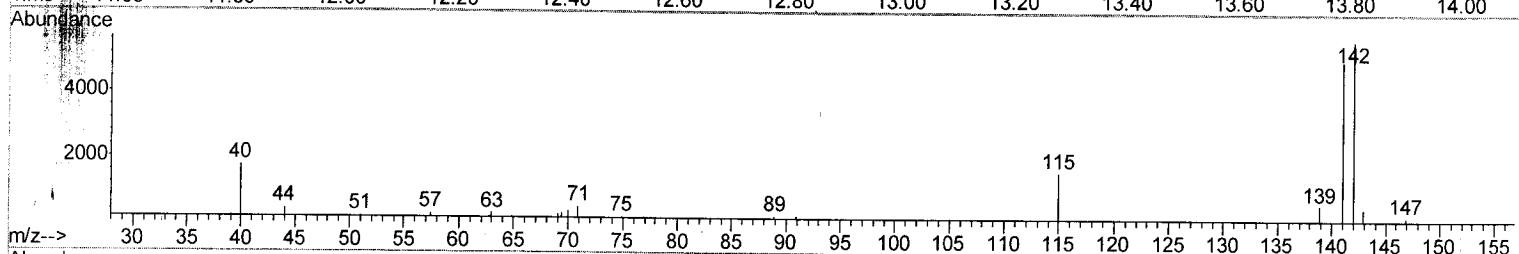
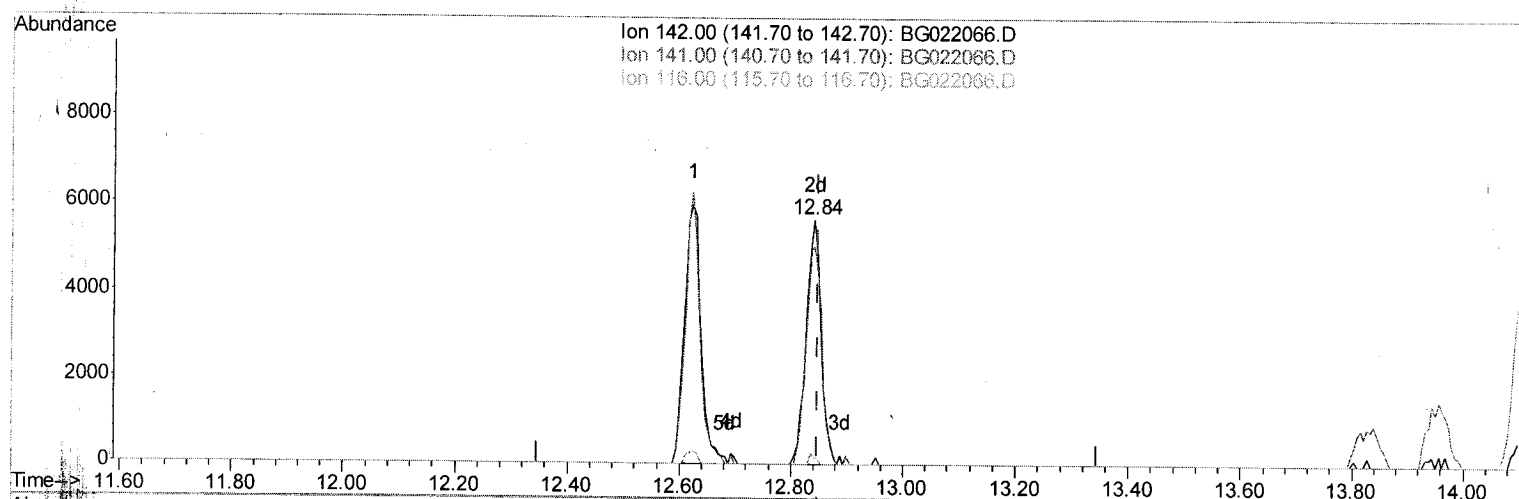
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Manual Integrations
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TIC: BG022066.D

(14) 1-Methylnaphthalene

12.840min (-0.007) 1.50ng/ul m

response 10393

Ion	Exp%	Act%
142.00	100	100
141.00	96.20	89.03
116.00	5.30	2.69#
0.00	0.00	0.00

> U.M
 05/31/16

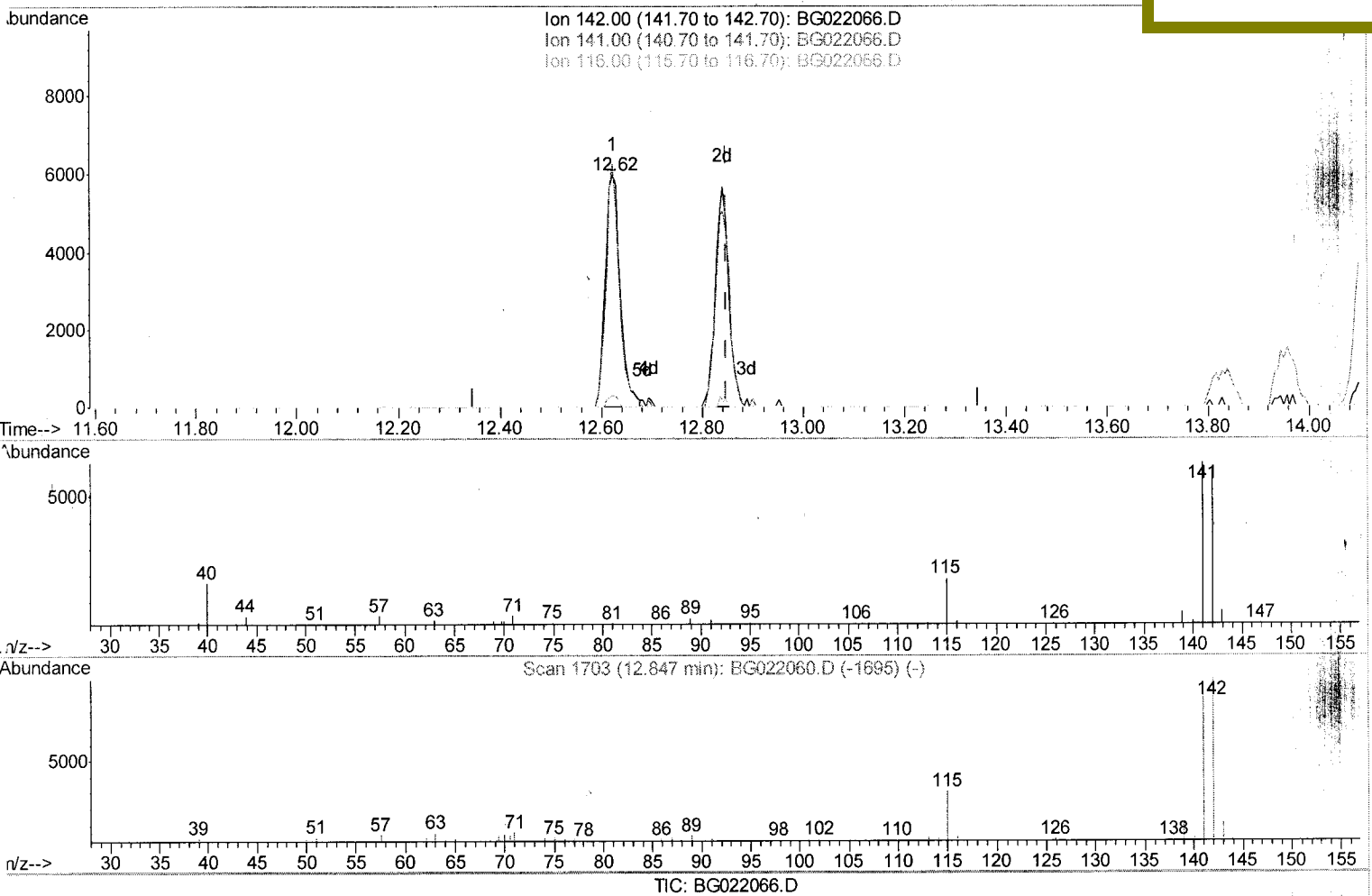
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Manual Integrations
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(14) 1-Methylnaphthalene

12.623min (-0.224) 1.75ng/ul

response 12155

Ion	Exp%	Act%
142.00	100	100
141.00	96.20	104.92
116.00	5.30	4.64
0.00	0.00	0.00

Quantitation Report (Qedit)

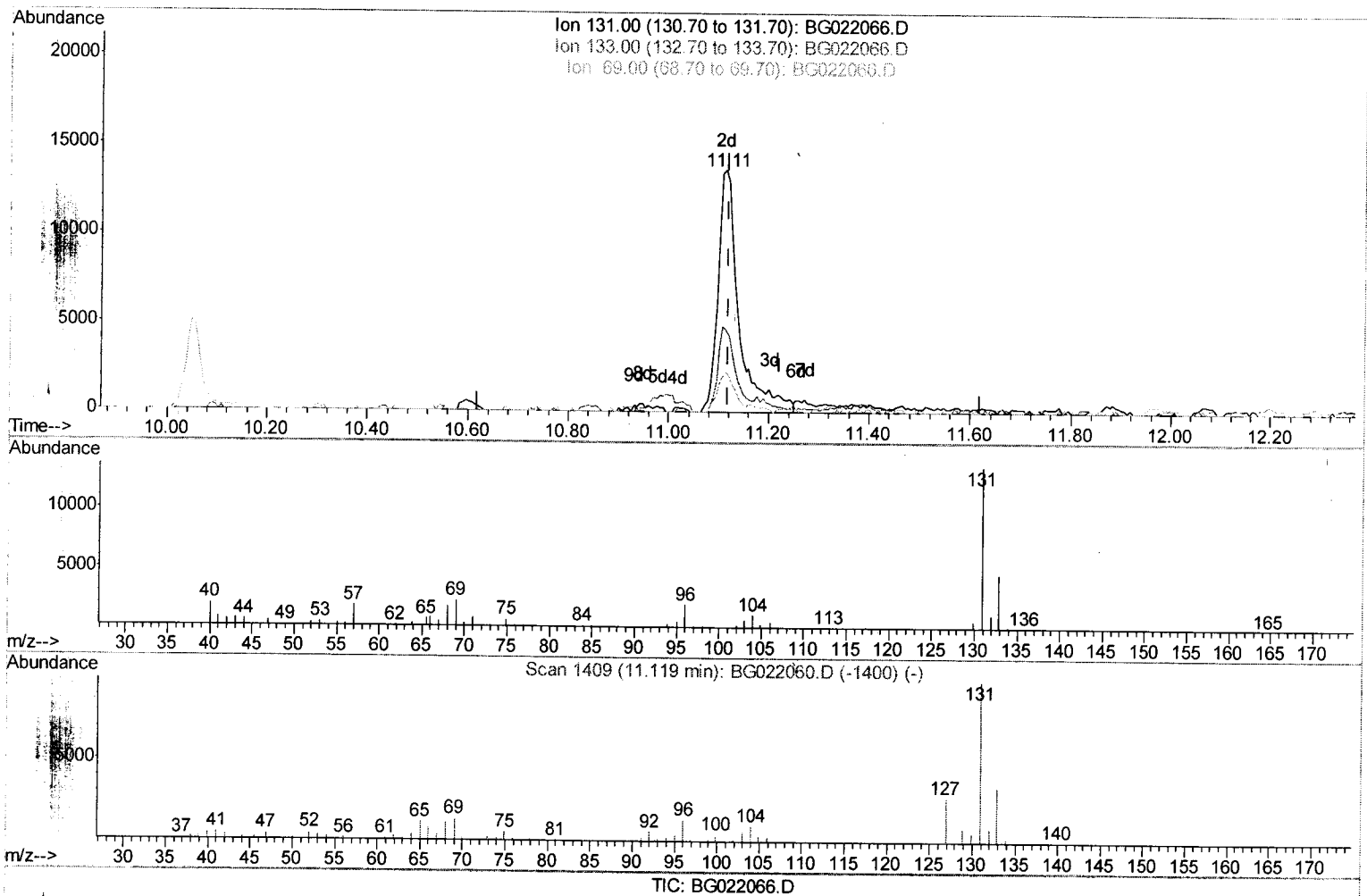
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(12) 4-Chloroaniline-d4 (S)

11.113min (-0.007) 19.71ng/ul m

response 39561

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	34.12
69.00	23.00	16.75#
0.00	0.00	0.00

20.04
 05131116

Quantitation Report (Qedit)

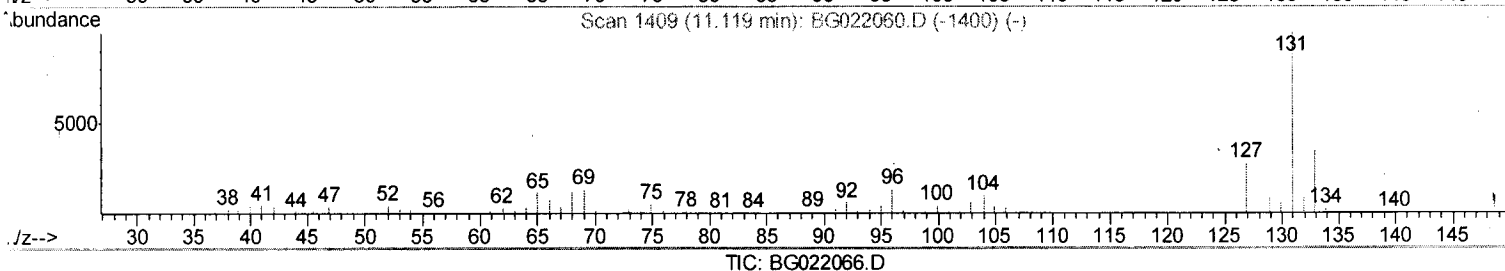
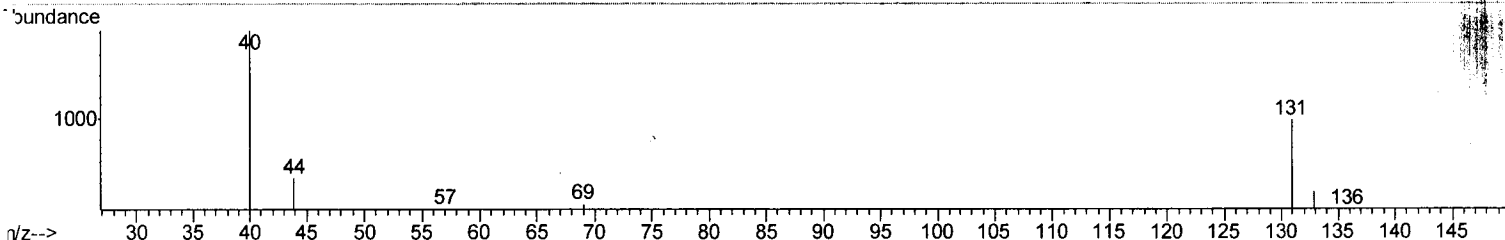
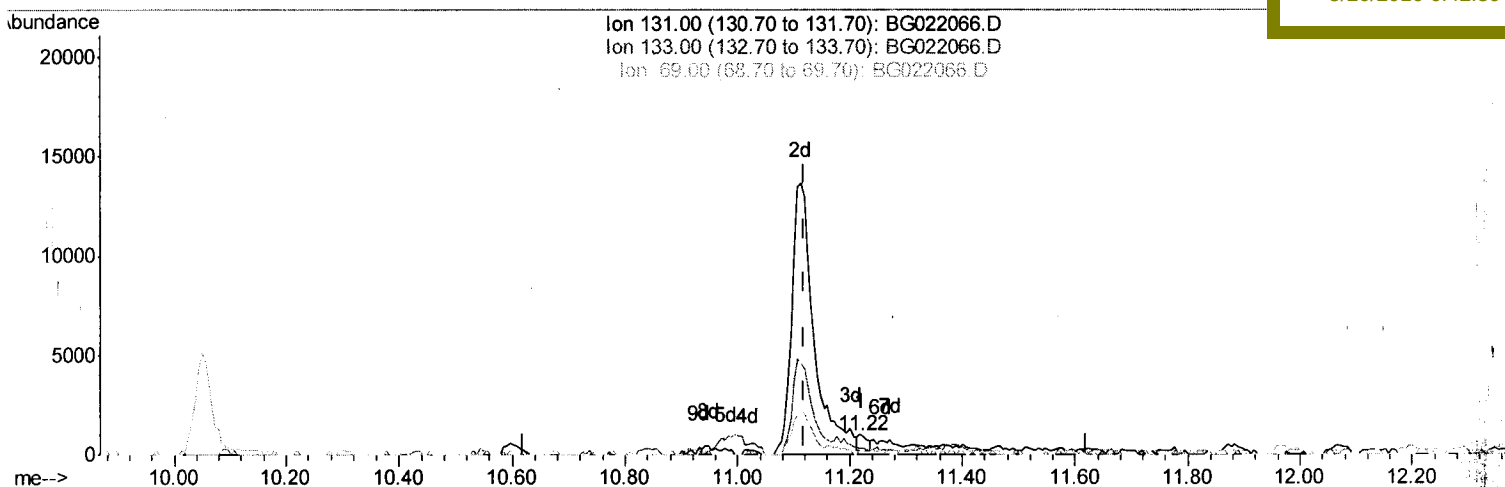
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(12) 4-Chloroaniline-d4 (S)

11.218min (+0.099) 0.43ng/ul

response 863

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.68
69.00	23.00	20.24
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	35577	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	192650	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	112740	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	217059	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	179804	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	172870	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.52	96	895	1.15	ng/uL	0.00
3) Phenol-d5	7.31	99	47875	15.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	25228	15.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	42558	16.50	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	47369	16.93	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23331	17.26	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24882	17.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	43588	17.10	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	39561m	19.71	ng/ul	0.00
16) Dimethylphthalate-d6	14.17	166	149752	17.23	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	199797	17.84	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	15025m	9.83	ng/ul	0.00
21) Fluorene-d10	15.77	176	131875	16.86	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	17903	16.62	ng/ul	0.00
26) Anthracene-d10	17.62	188	182580	18.26	ng/ul	0.00
30) Pyrene-d10	19.90	212	172255	18.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	140135	18.25	ng/ul	0.00

Target Compounds

					Qvalue	
11) Naphthalene	11.03	128	13308	1.42	ng/ul	96
13) 2-Methylnaphthalene	12.62	142	12155	1.79	ng/ul	83
14) 1-Methylnaphthalene	12.84	142	10393m	1.50	ng/ul	96
25) Phenanthrene	17.57	178	233491	20.12	ng/ul	96
27) Anthracene	17.66	178	33935	2.91	ng/ul	98
28) Fluoranthene	19.57	202	652748	54.14	ng/ul#	94
31) Pyrene	19.93	202	514456m	41.55	ng/ul	96
32) Benzo(a)anthracene	21.79	228	298780	29.96	ng/ul	95
33) Chrysene	21.86	228	308333	31.78	ng/ul	95
35) Benzo(b)fluoranthene	24.09	252	465938	46.89	ng/ul#	95
36) Benzo(k)fluoranthene	24.14	252	190194m	19.46	ng/ul	93
38) Benzo(a)pyrene	25.00	252	307494	32.36	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	28.97	276	251022	23.24	ng/ul	89
40) Dibenzo(a,h)anthracene	29.02	278	61563m	6.88	ng/ul	
41) Benzo(g,h,i)perylene	30.18	276	231087	25.29	ng/ul#	

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