

Quantitation Report (Qedit)

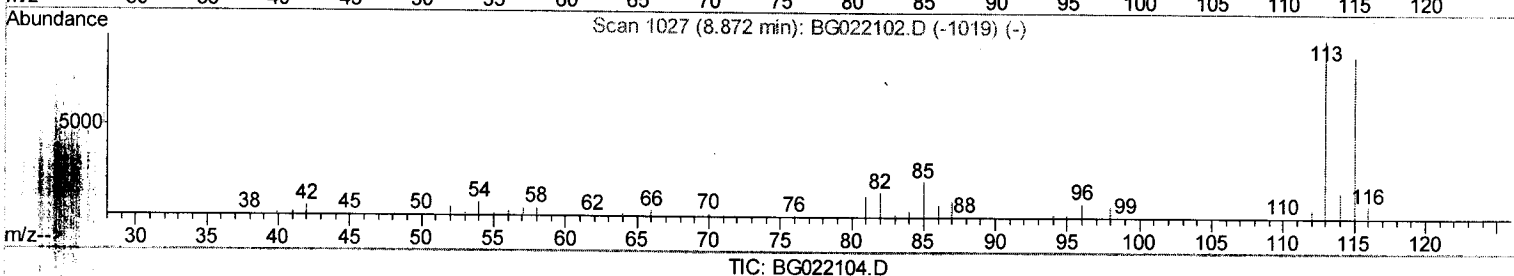
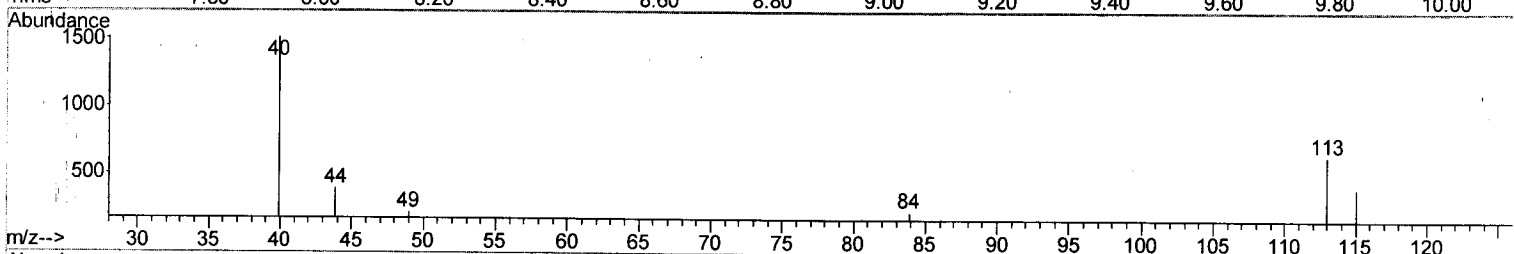
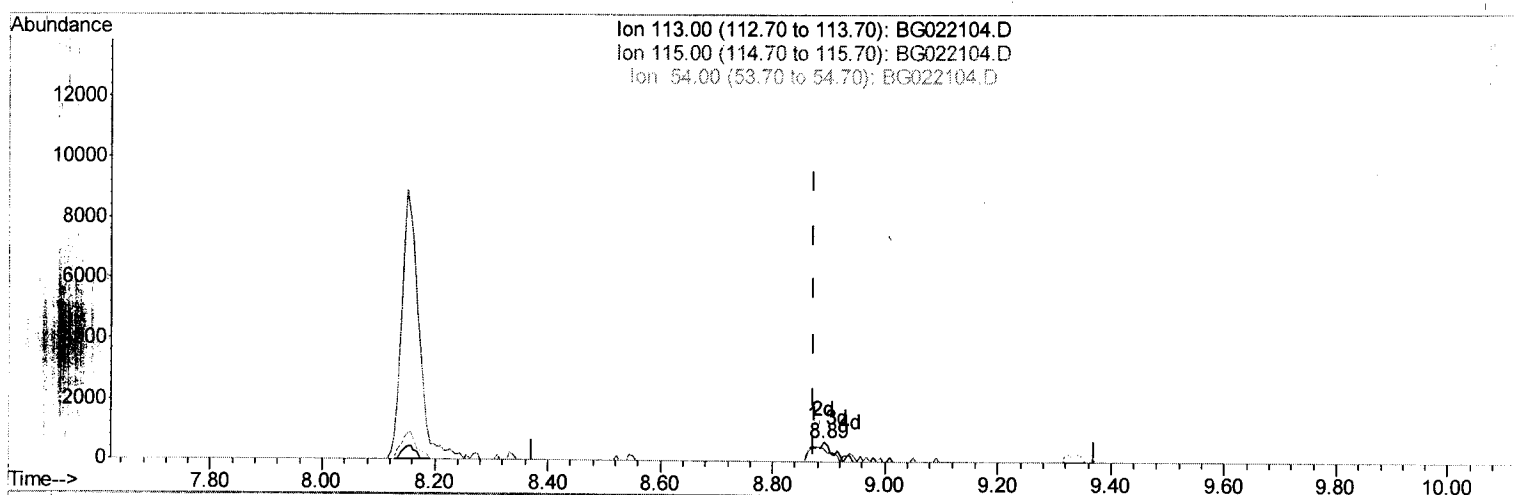
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052716\
 Data File : BG022104.D
 Acq On : 27 May 2016 11:18
 Operator : UM/SJ
 Sample : H3201-13DL 10X
 Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ5DL

Manual Integrations
 APPROVED

umangi
 5/27/2016 7:48:29 PM

Quant Time: May 27 18:27:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 18:06:31 2016
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.891min (+0.019) 0.62ng/ul m

response 1555

Ion	Exp%	Act%
113.00	100	100
115.00	89.60	63.58#
54.00	9.20	0.00#
0.00	0.00	0.00

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 06/02/16

Quantitation Report (Qedit)

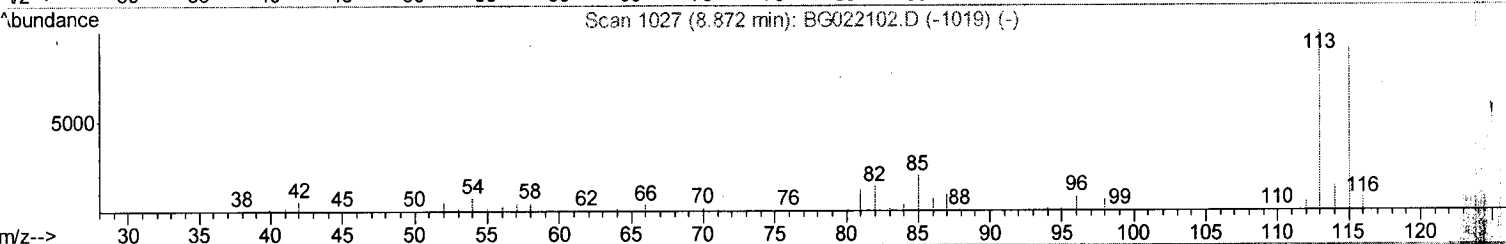
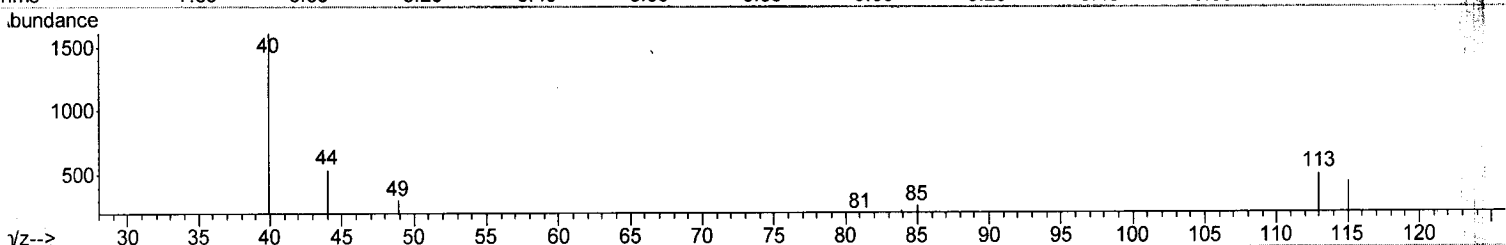
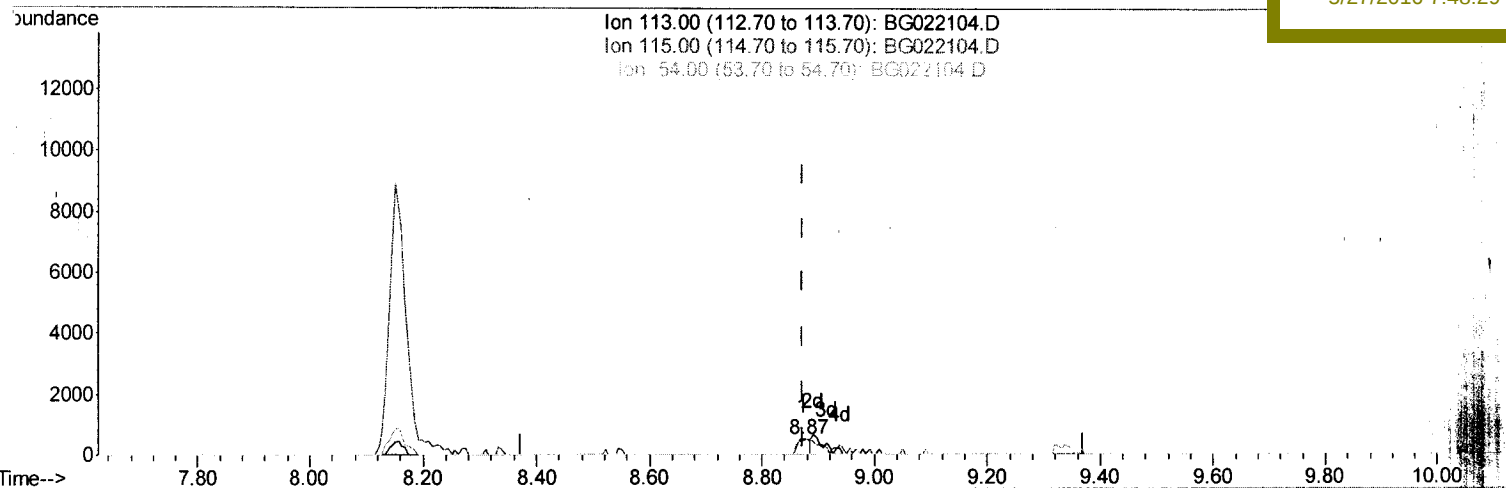
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TIC: BG022104.D

(13) 4-Methylphenol-d8 (S)

8.874min (+0.002) 0.30ng/ul

response 764

Ion	Exp%	Act%
113.00	100	100
115.00	89.60	89.24
54.00	9.20	0.00#
0.00	0.00	0.00

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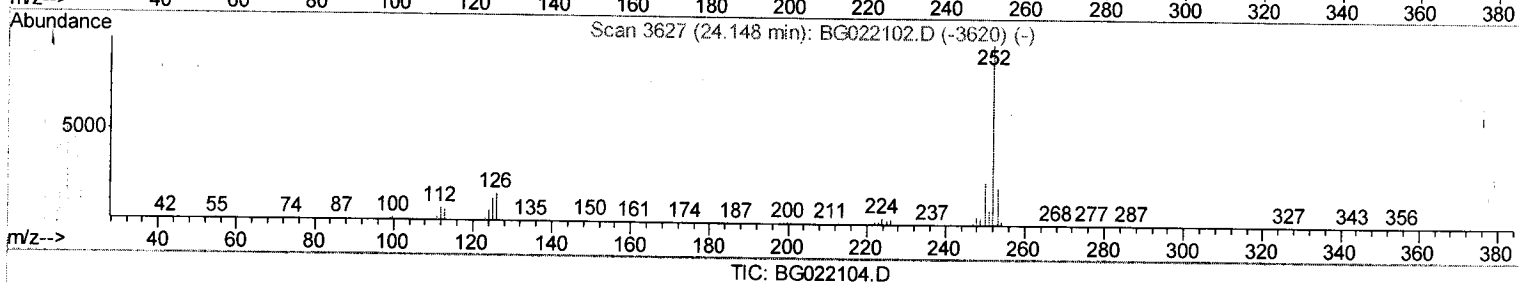
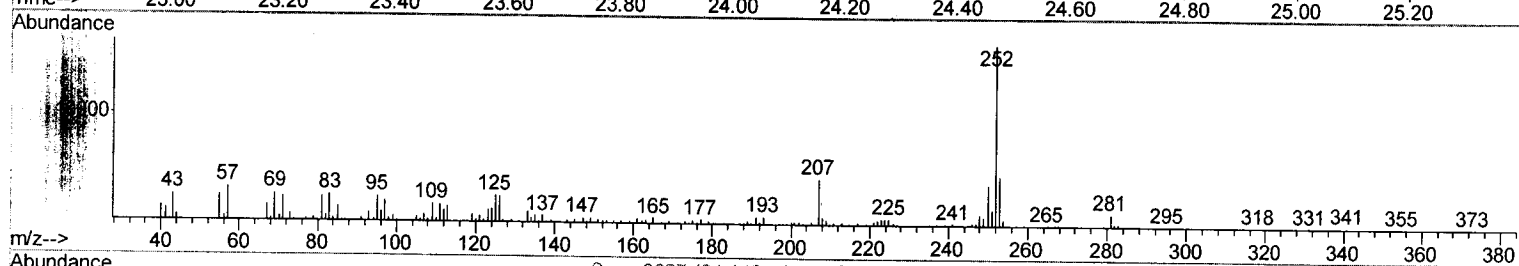
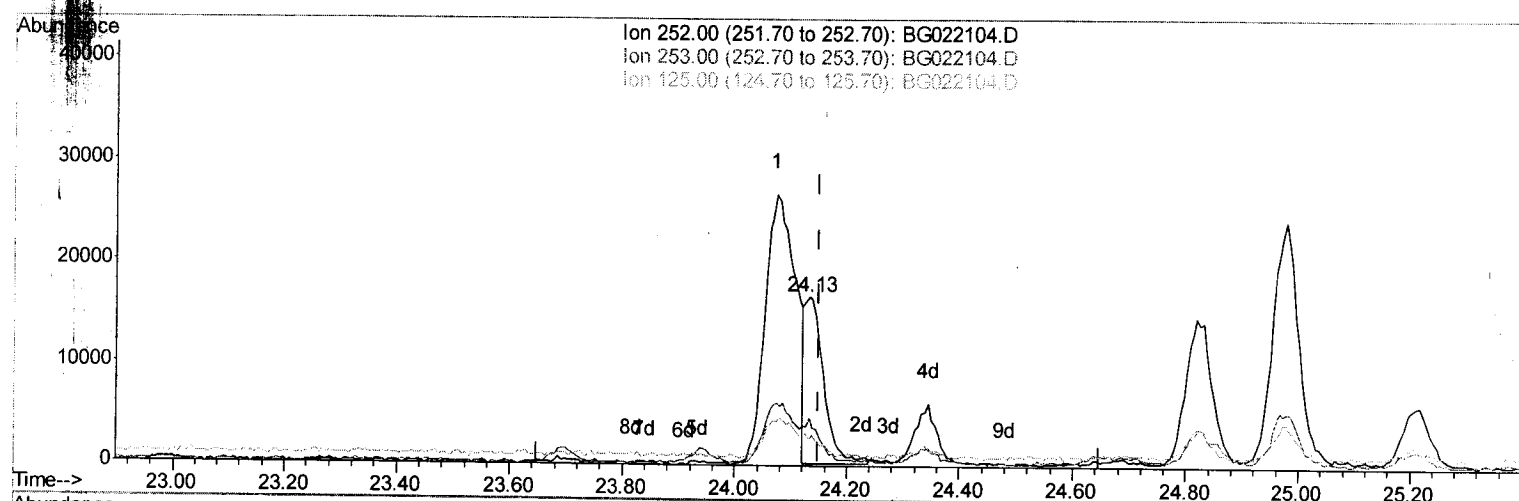
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(86) Benzo(k)fluoranthene

24.132min (-0.016) 3.94ng/ul m

response 37756

Ion Exp% Act%

252.00 100 100

253.00 19.70 28.29#

125.00 13.30 15.79

0.00 0.00 0.00

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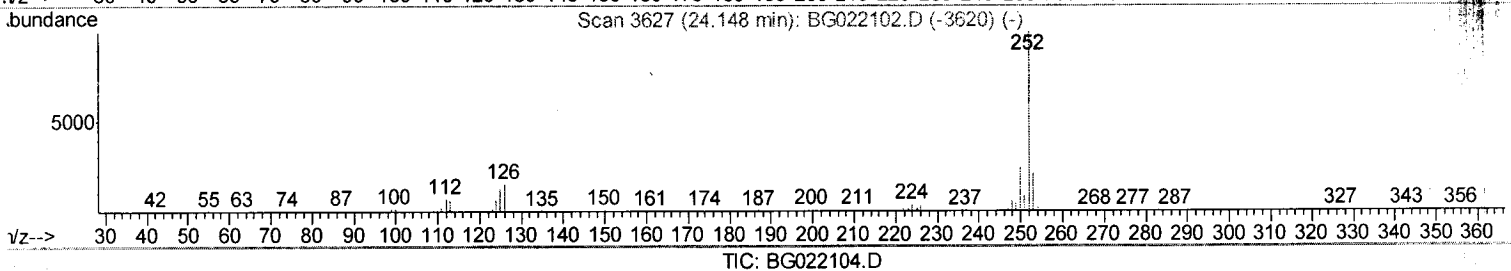
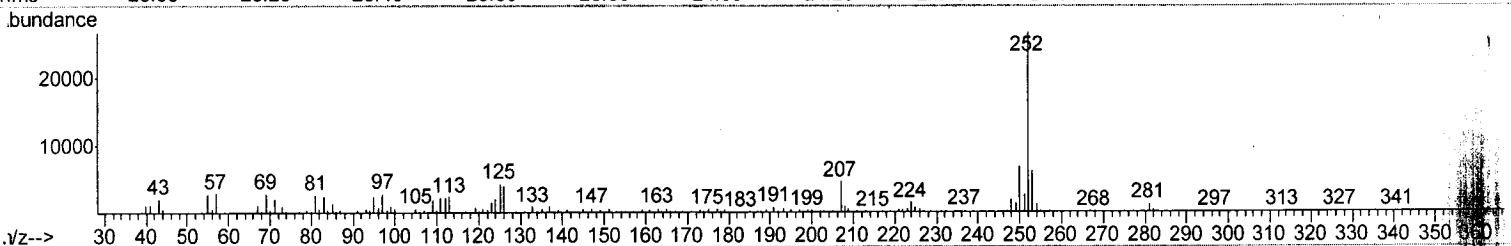
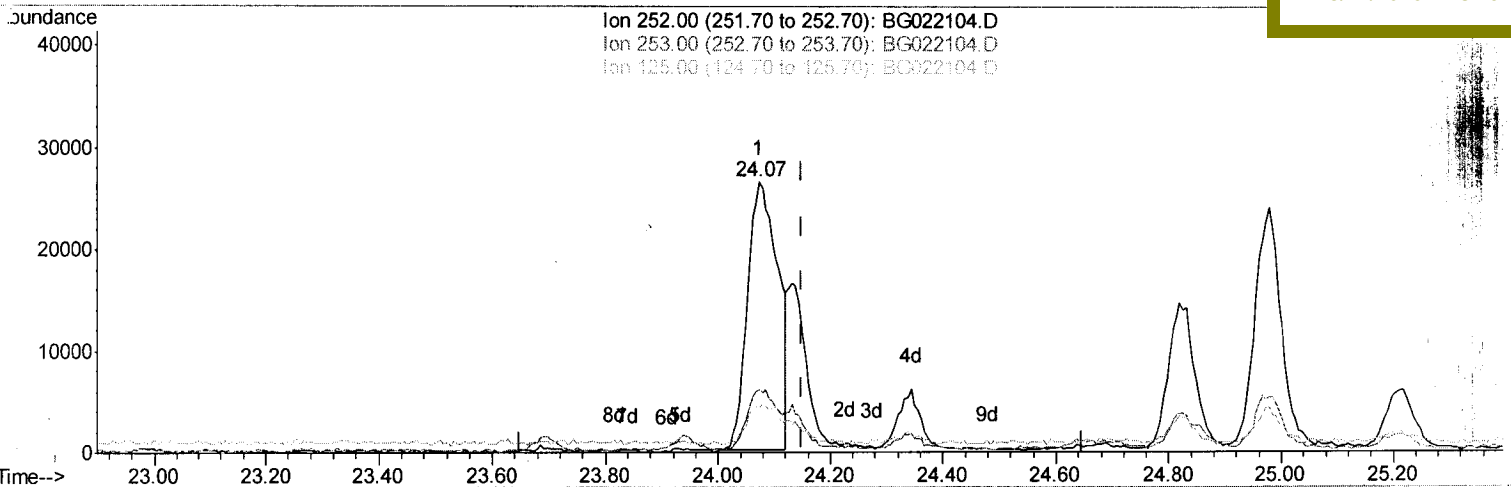
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(86) Benzo(k)fluoranthene

24.073min (-0.075) 10.43ng/ul

response 100066

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.38
125.00	13.30	16.42#
0.00	0.00	0.00

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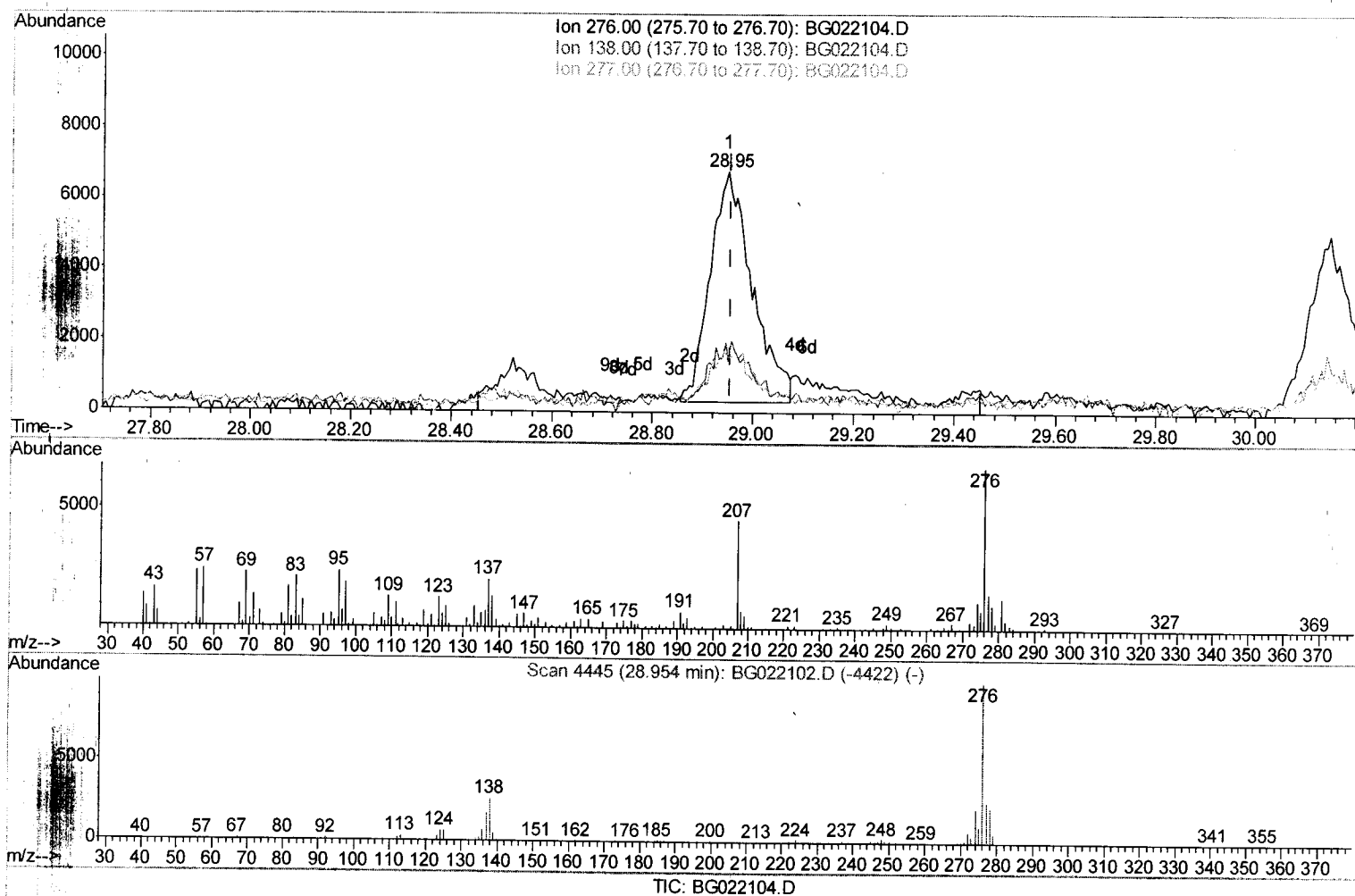
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 Misc :
 A/S Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ5DL

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

28.950min (-0.004) 3.45ng/ul m

response 37640

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	21.16
277.00	22.00	23.39
0.00	0.00	0.00

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Quantitation Report (Qedit)

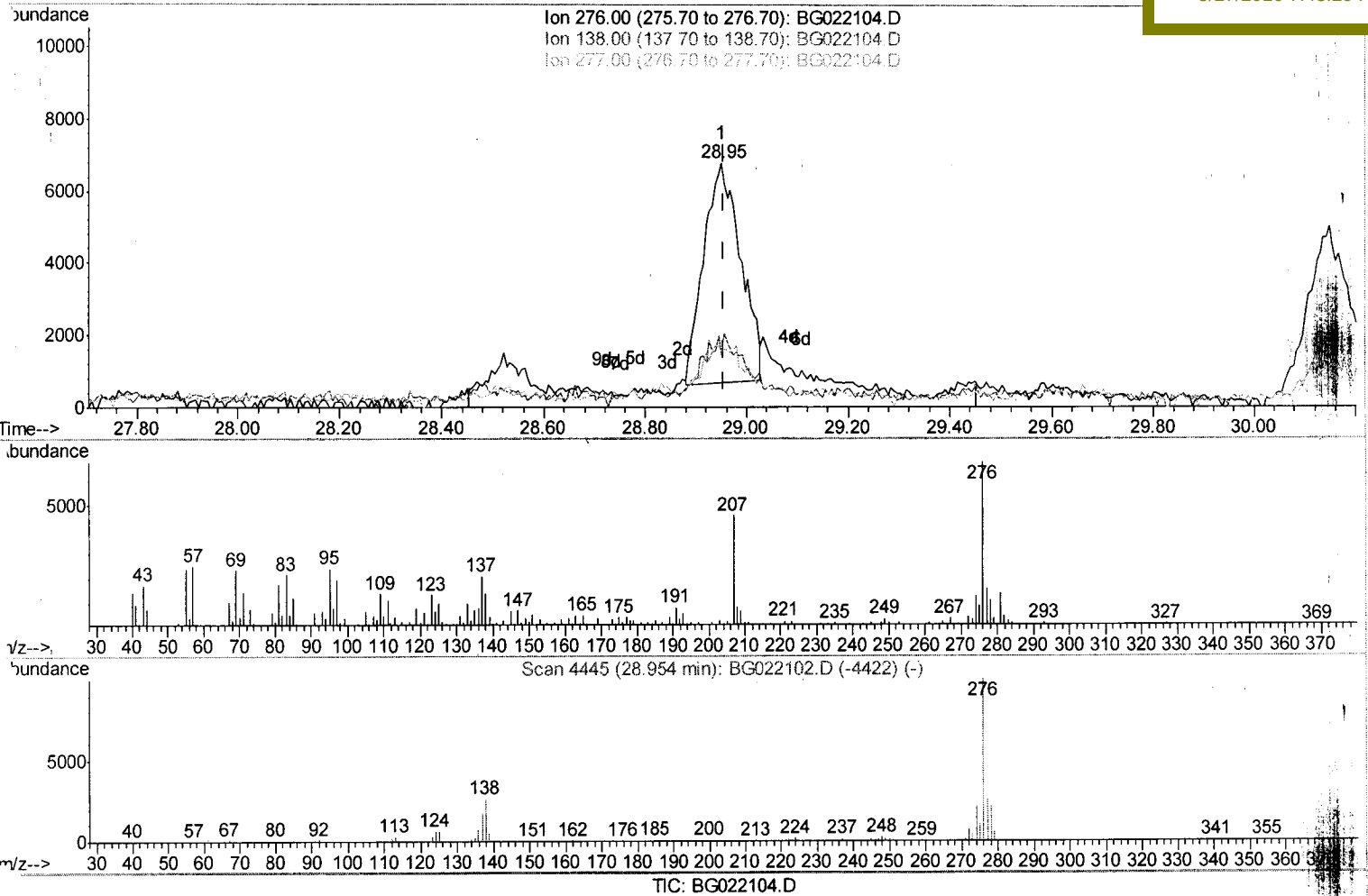
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 Operator : UM/SJ
 Sample : H3201-13DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ5DL

Manual Integrations
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 Response via : Initial Calibration



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

28.950min (-0.004) 2.84ng/ul

response 30942

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	21.16
277.00	22.00	23.39
0.00	0.00	0.00

Quantitation Report (Qedit)

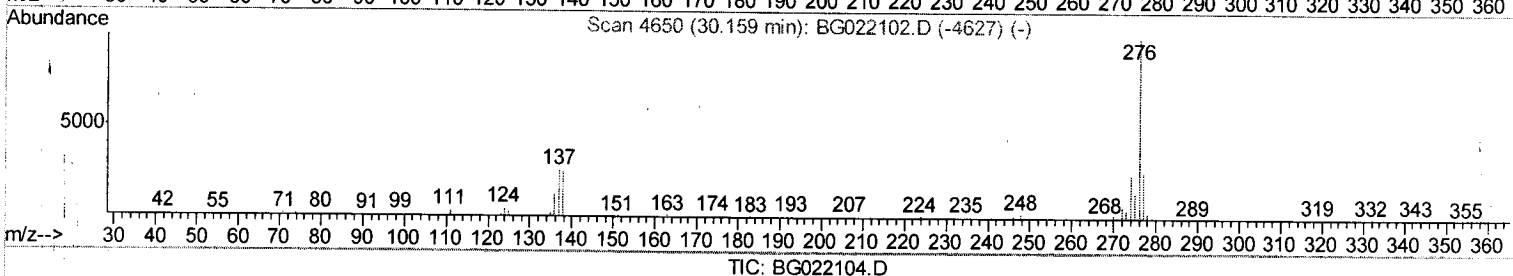
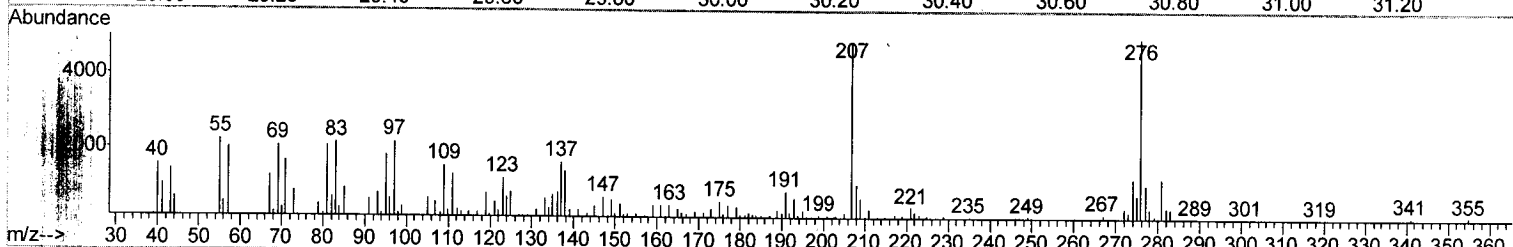
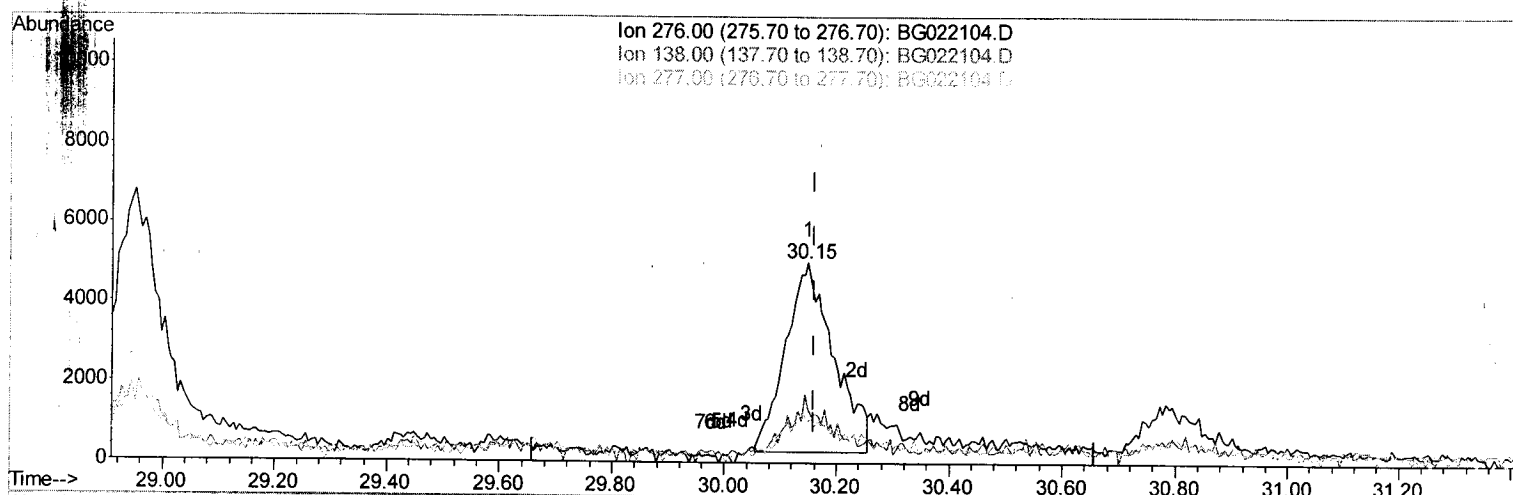
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(91) Benzo(g,h,i)perylene

30.149min (-0.010) 3.25ng/ul m

U.M
 06/02/16

response 28419

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	27.67
277.00	21.20	20.96
0.00	0.00	0.00

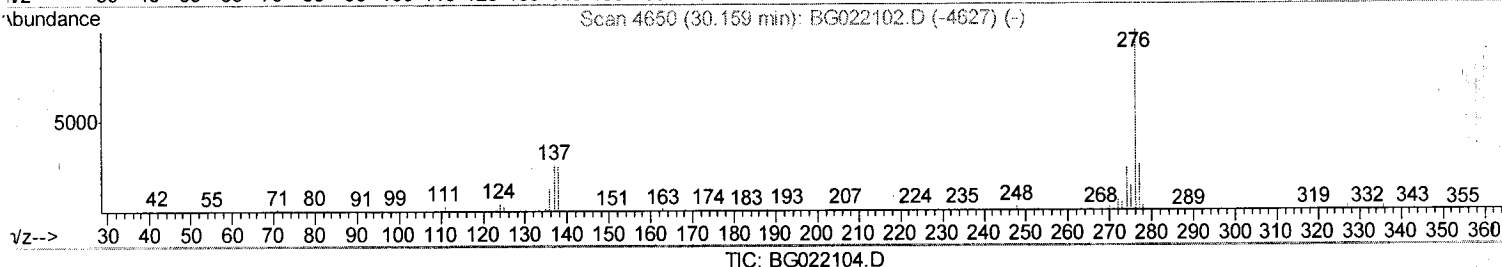
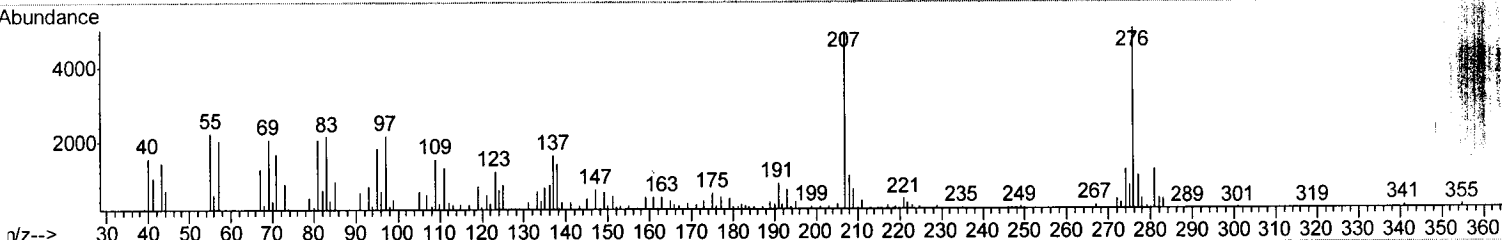
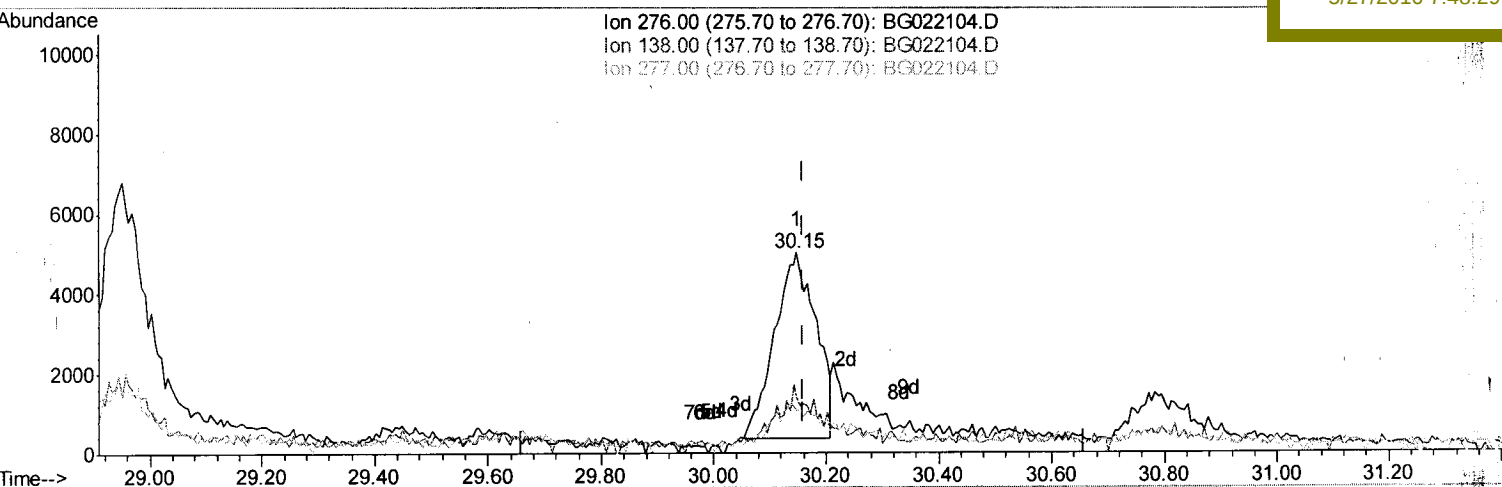
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Sample : H3201-13DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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(91) Benzo(g,h,i)perylene

30.149min (-0.010) 2.74ng/ul

response 23894

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	27.67
277.00	21.20	20.96
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	32862	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	182366	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	110643	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	213508	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	173822	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	168378	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.33	99	1592	0.54	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.49	67	561	0.36	ng/ul	0.01
9) 2-Chlorophenol-d4	7.69	132	1924	0.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	1555m	0.62	ng/ul	0.02
19) Nitrobenzene-d5	9.33	128	436	0.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	396	0.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	1513	0.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	500	0.18	ng/ul	0.03
43) Dimethylphthalate-d6	14.17	166	11323	1.36	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	14090	1.21	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.77	176	10464	1.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.62	188	18060	1.76	ng/ul	0.00
76) Pyrene-d10	19.90	212	18436	1.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	15774	2.02	ng/ul	-0.02

Target Compounds

						Qvalue
28) Naphthalene	11.02	128	27668	2.99	ng/ul	99
49) Acenaphthene	14.84	153	36322	4.45	ng/ul	100
53) Dibenzofuran	15.18	168	15736	1.56	ng/ul	94
58) Fluorene	15.82	166	25076	2.94	ng/ul	99
69) Phenanthrene	17.57	178	252173	21.23	ng/ul	100
71) Anthracene	17.66	178	70768	5.88	ng/ul	97
72) Carbazole	17.93	167	23420	2.25	ng/ul#	92
74) Fluoranthene	19.57	202	270514	22.29	ng/ul	98
77) Pyrene	19.93	202	230863	18.88	ng/ul	98
80) Benzo(a)anthracene	21.79	228	102481	10.05	ng/ul	97
82) Chrysene	21.85	228	84306	8.62	ng/ul	97
85) Benzo(b)fluoranthene	24.07	252	100066	10.16	ng/ul#	96
86) Benzo(k)fluoranthene	24.13	252	37756m	3.94	ng/ul	
88) Benzo(a)pyrene	24.98	252	76036	8.00	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	28.95	276	37640m	3.45	ng/ul	
91) Benzo(g,h,i)perylene	30.15	276	28419m	3.25	ng/ul	

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