

Quantitation Report (QT Reviewed)

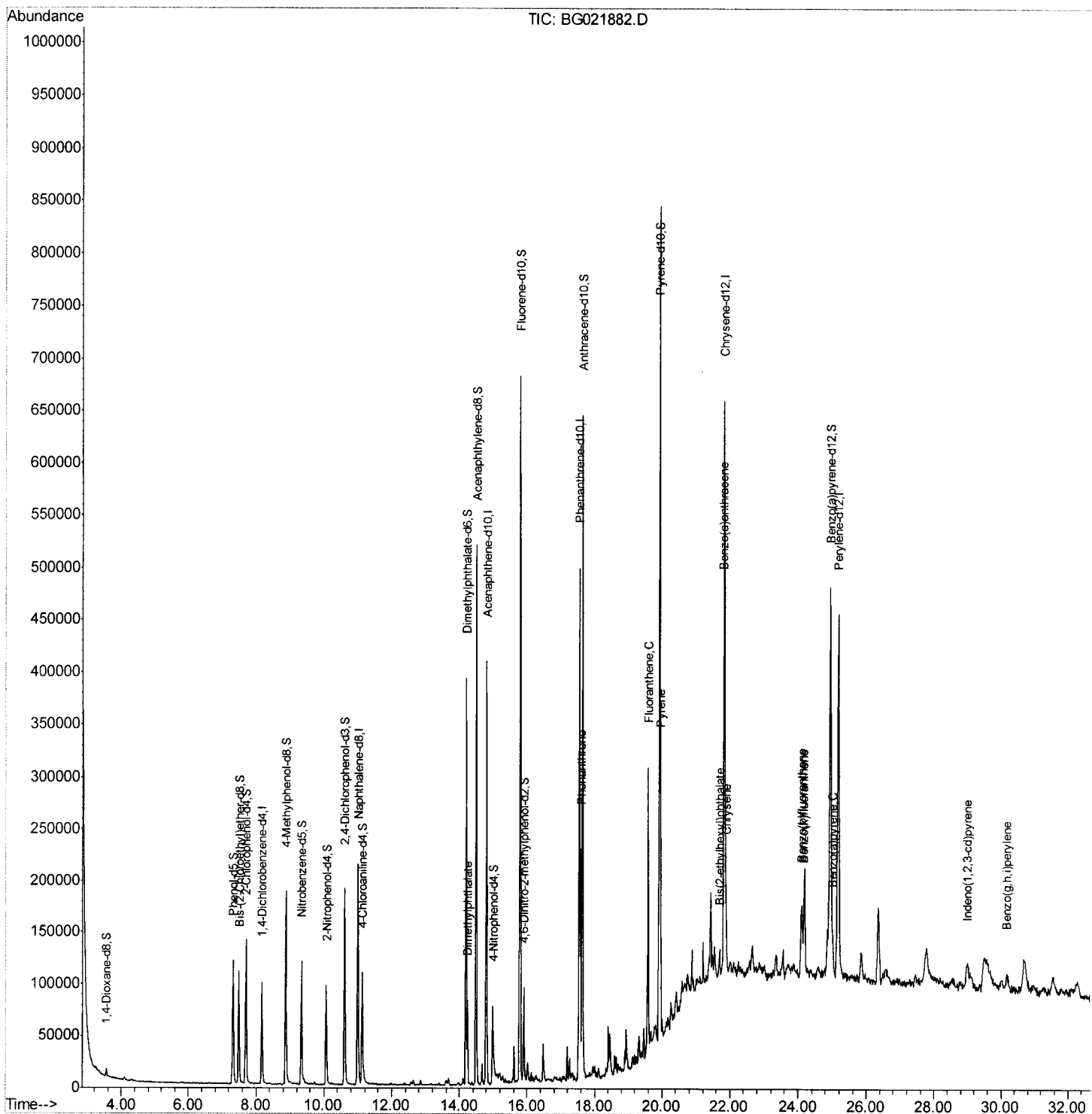
Data Path : Z:\HPCHEM1\BNA G\Data\BG051216\
 Data File : BG021882.D
 Acq On : 12 May 2016 23:56
 Operator : UM/SJ
 Sample : H2936-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 D9WK9

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:13:27 PM

Quant Time: May 13 08:04:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



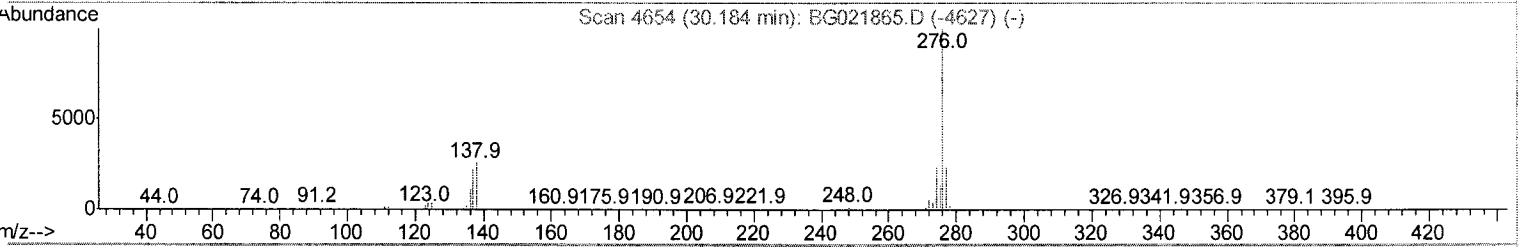
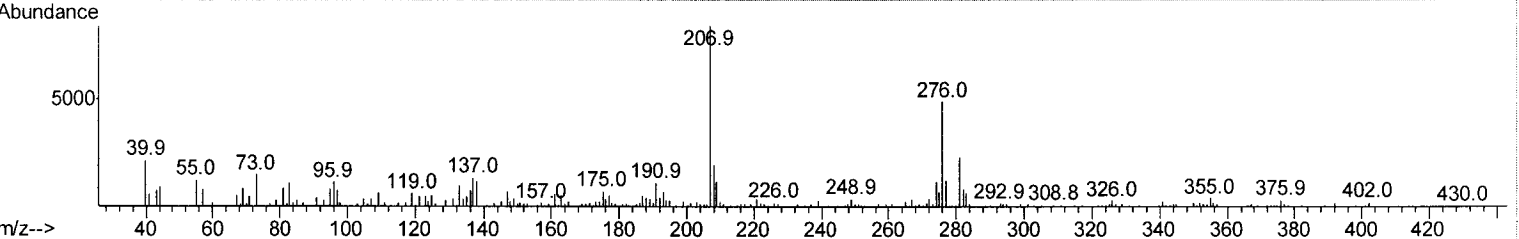
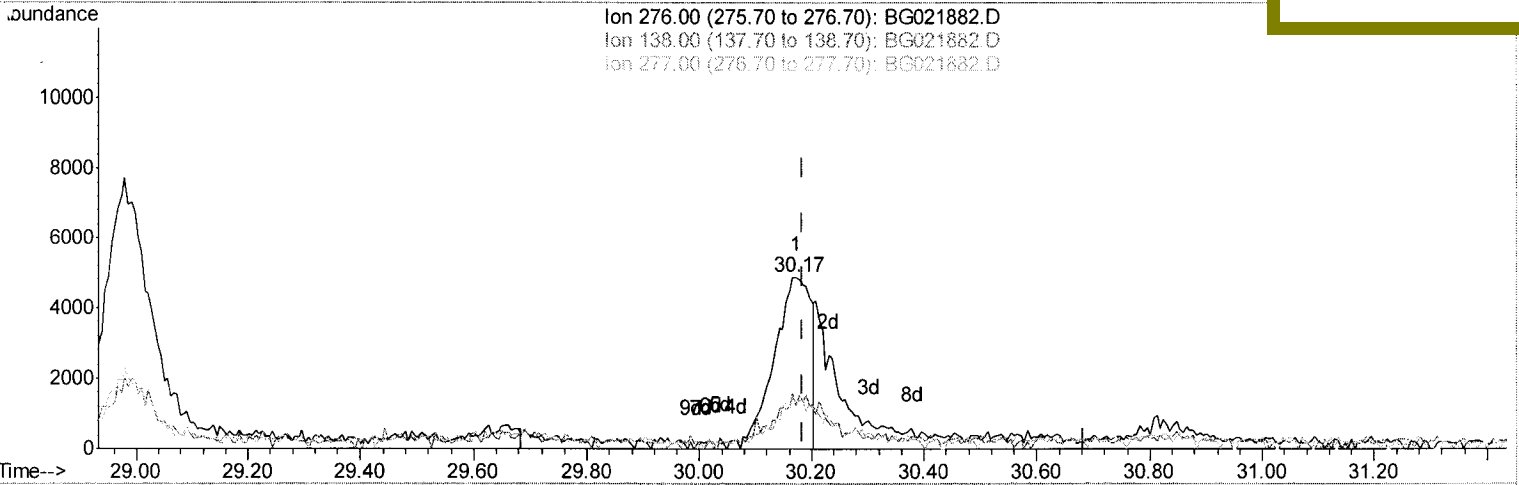
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TIC: BG021882.D

(92) Benzo(g,h,i)perylene
 30.172min (-0.011) 1.08ng/ul
 response 21948

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.41#
277.00	24.70	26.97
0.00	0.00	0.00

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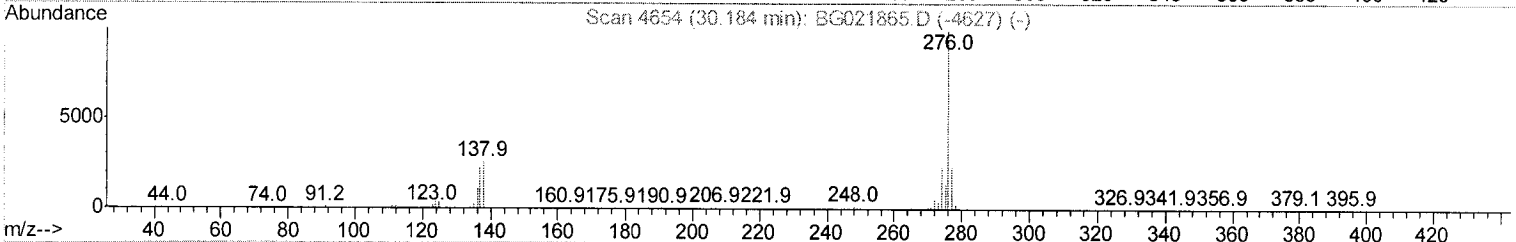
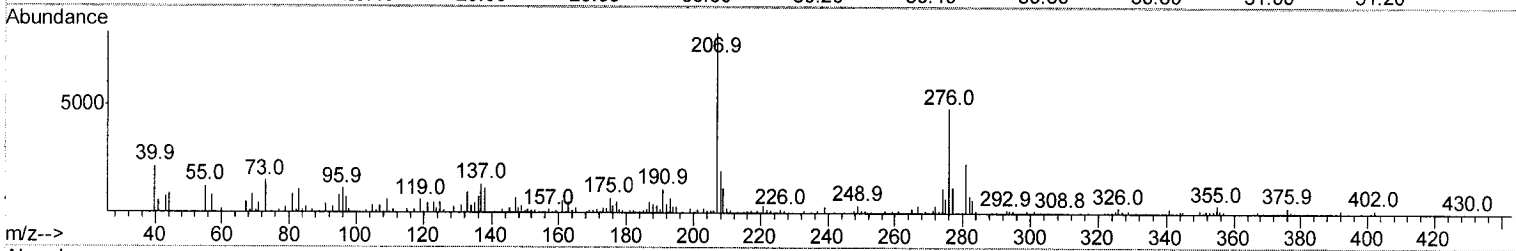
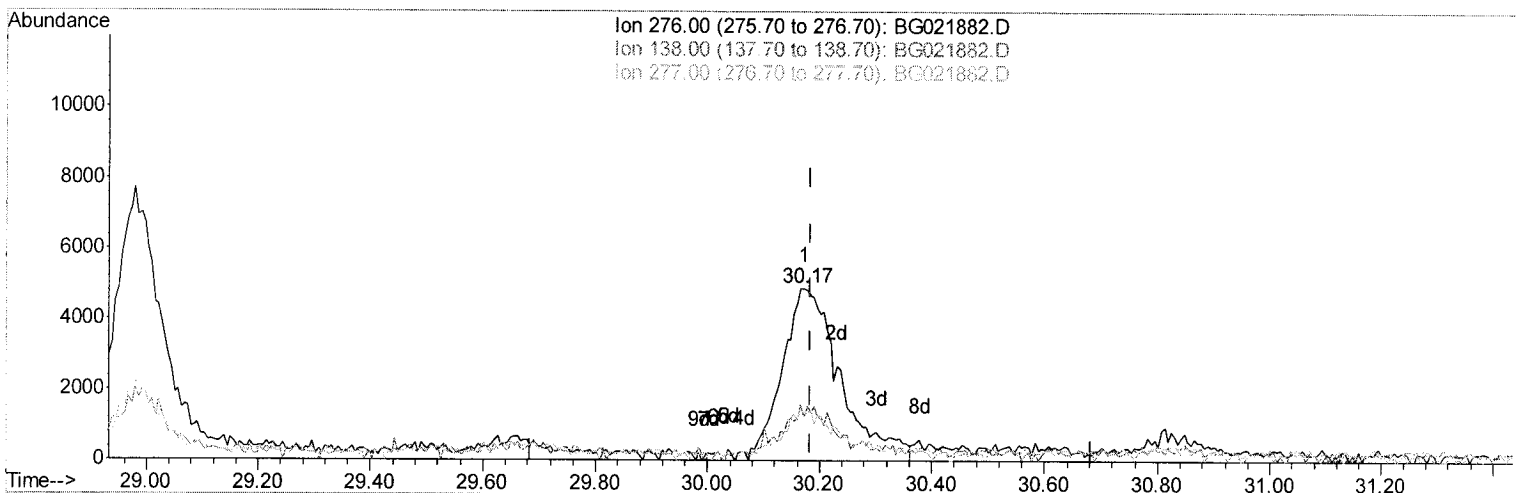
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TIC: BG021882.D

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

30.172min (-0.011) 1.73ng/ul m

UM
05116116

response 35062

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.41#
277.00	24.70	26.97
0.00	0.00	0.00

Quantitation Report (Qedit)

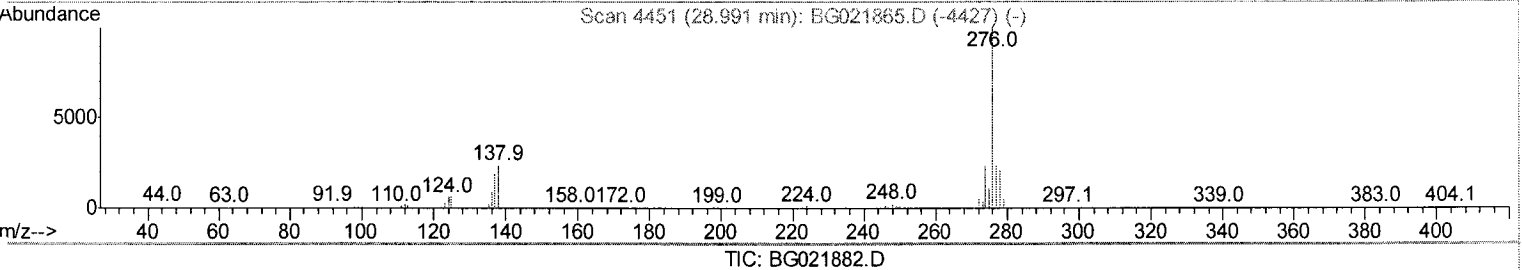
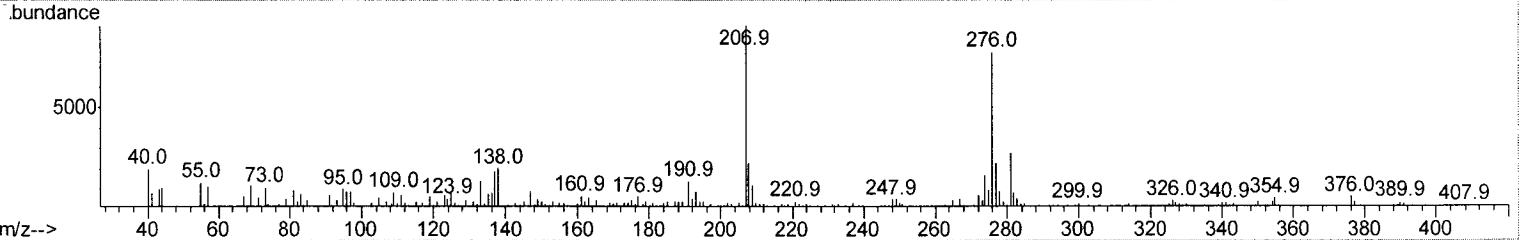
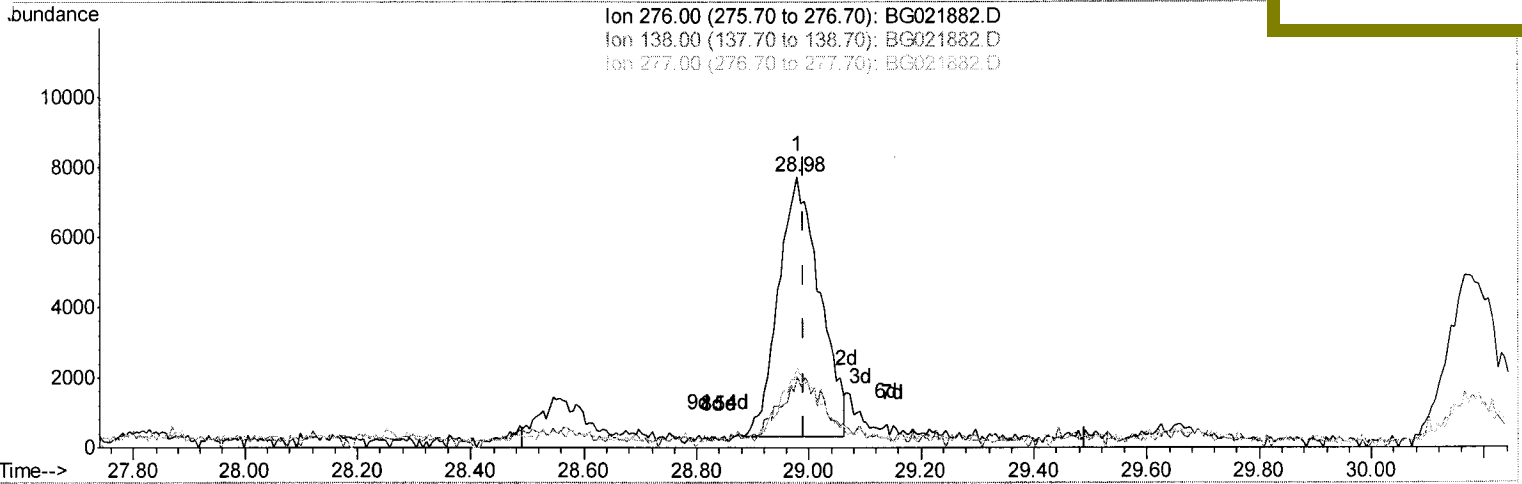
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(90) Indeno(1,2,3-cd)pyrene
 28.980min (-0.011) 1.54ng/ul
 response 37807

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	26.23#
277.00	23.80	29.35#
0.00	0.00	0.00

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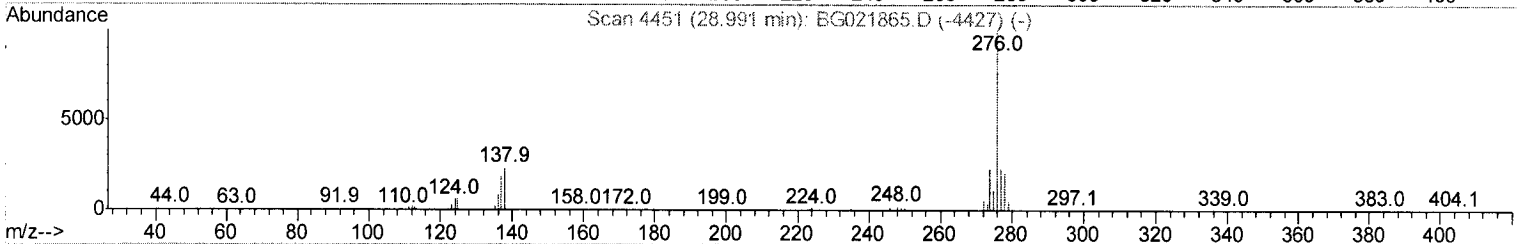
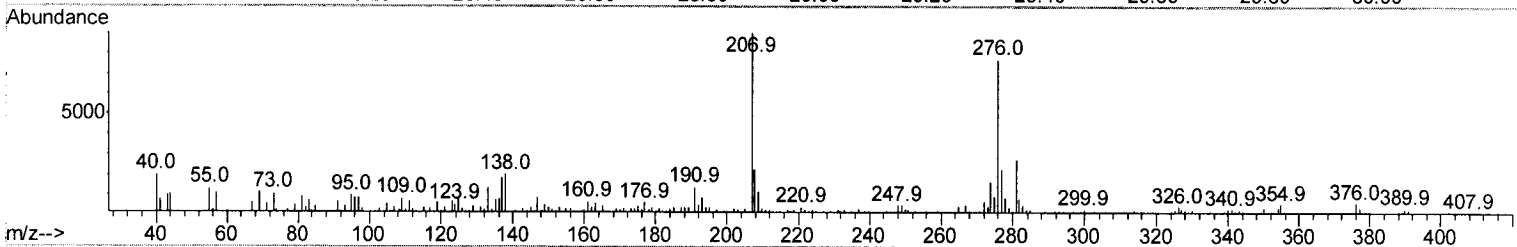
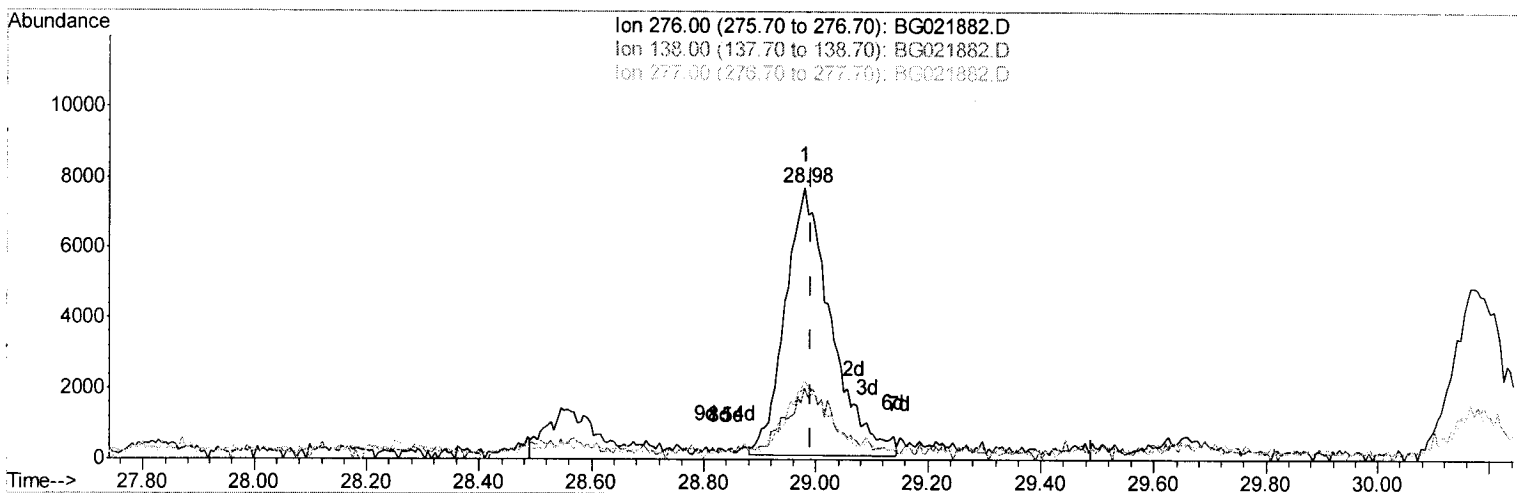
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TIC: BG021882.D

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

28.980min (-0.011) 1.76ng/ul m

UM
 05-11-16

response 43195

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	26.23#
277.00	23.80	29.35#
0.00	0.00	0.00

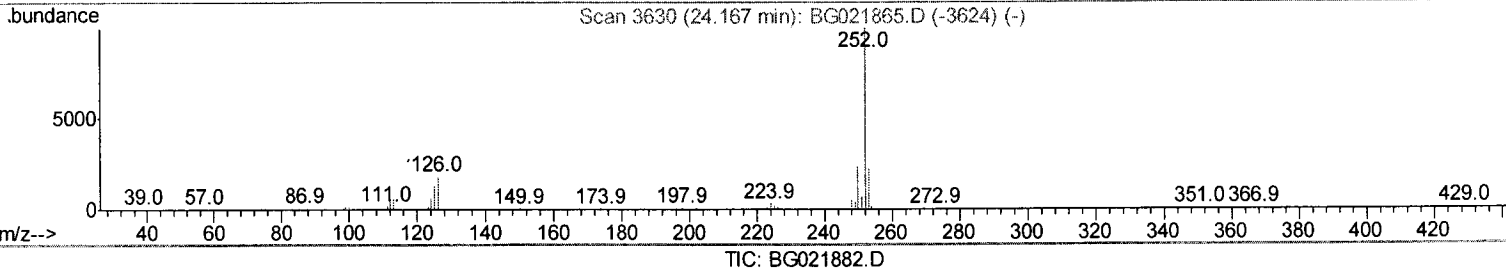
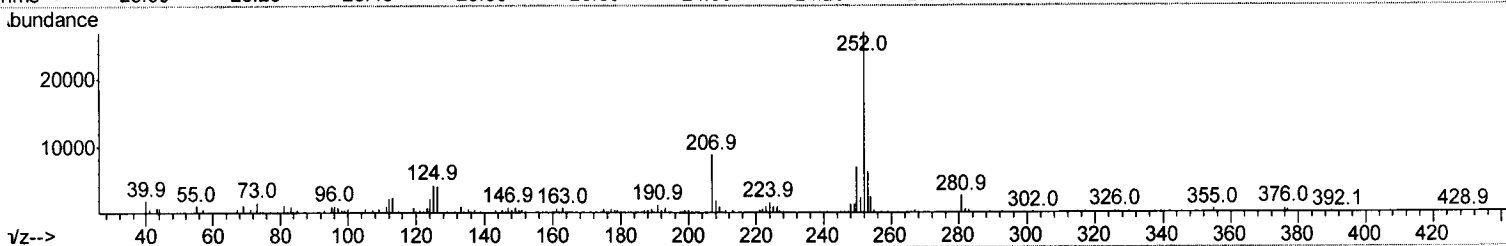
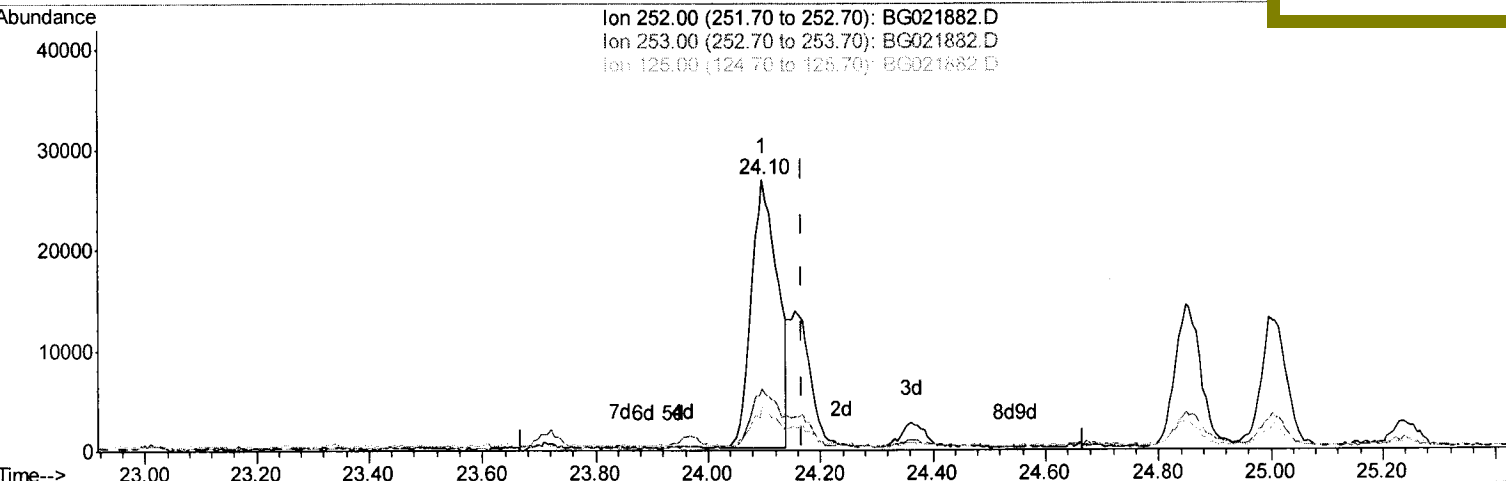
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 Sample : H2936-20
 Misc :
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Instrument :
 BNA_G
 ClientSampled :
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(87) Benzo(k)fluoranthene
 24.097min (-0.070) 3.90ng/ul
 response 86892

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.85
125.00	9.60	15.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

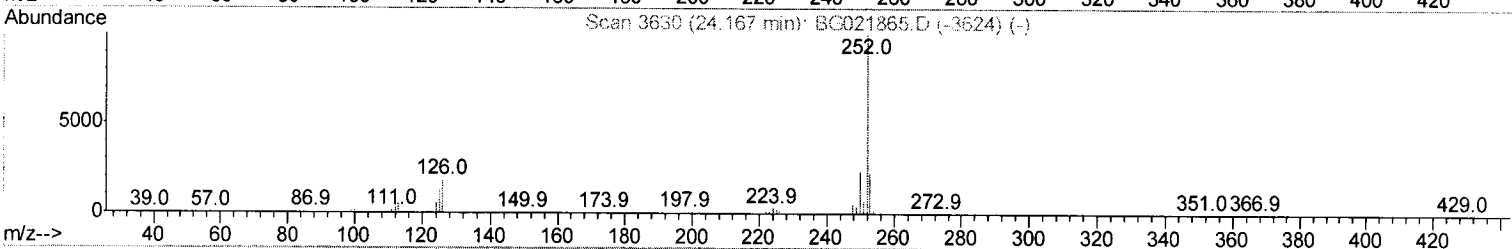
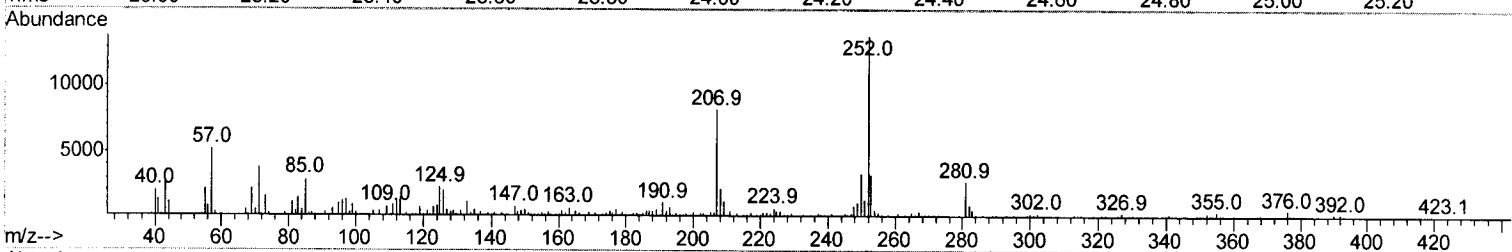
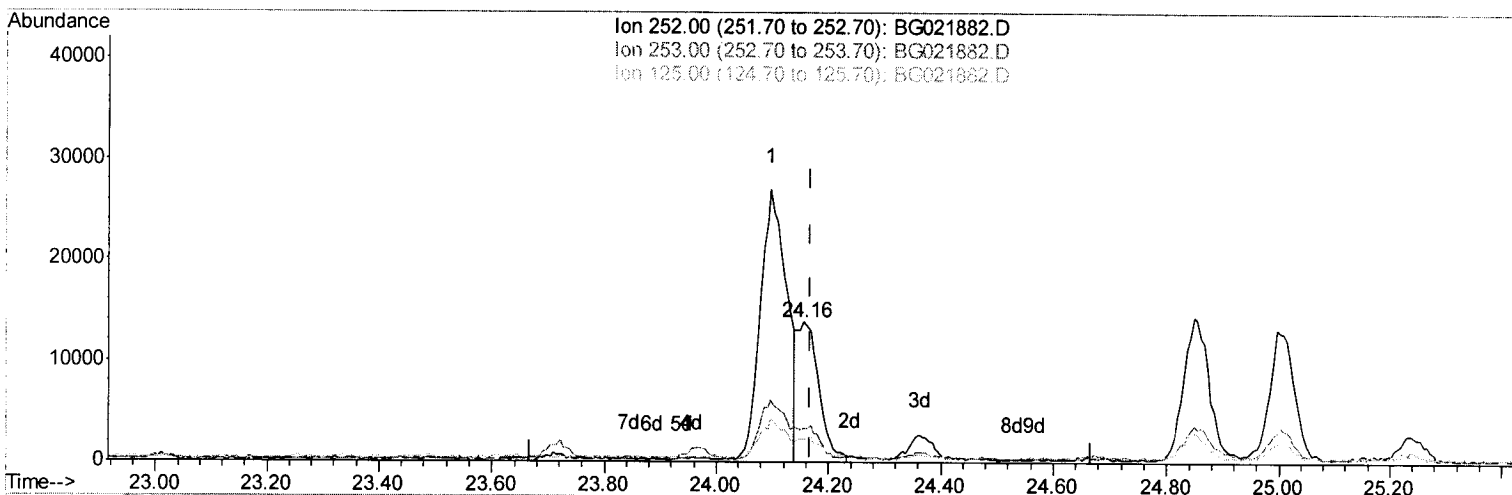
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG021882.D

(87) Benzo(k)fluoranthene

24.156min (-0.011) 1.68ng/ul m

U.M
05/13/16

response 37496

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.65
125.00	9.60	16.41#
0.00	0.00	0.00

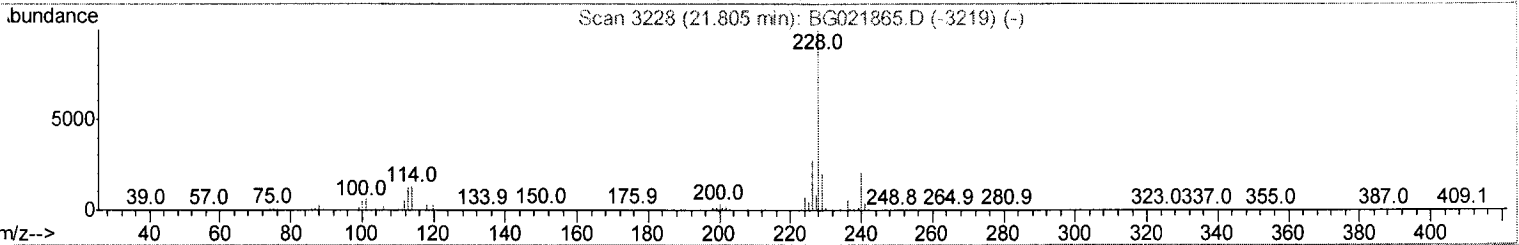
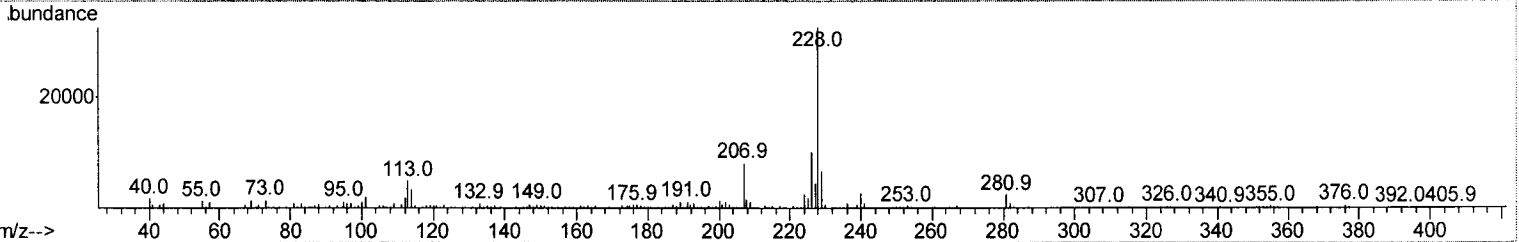
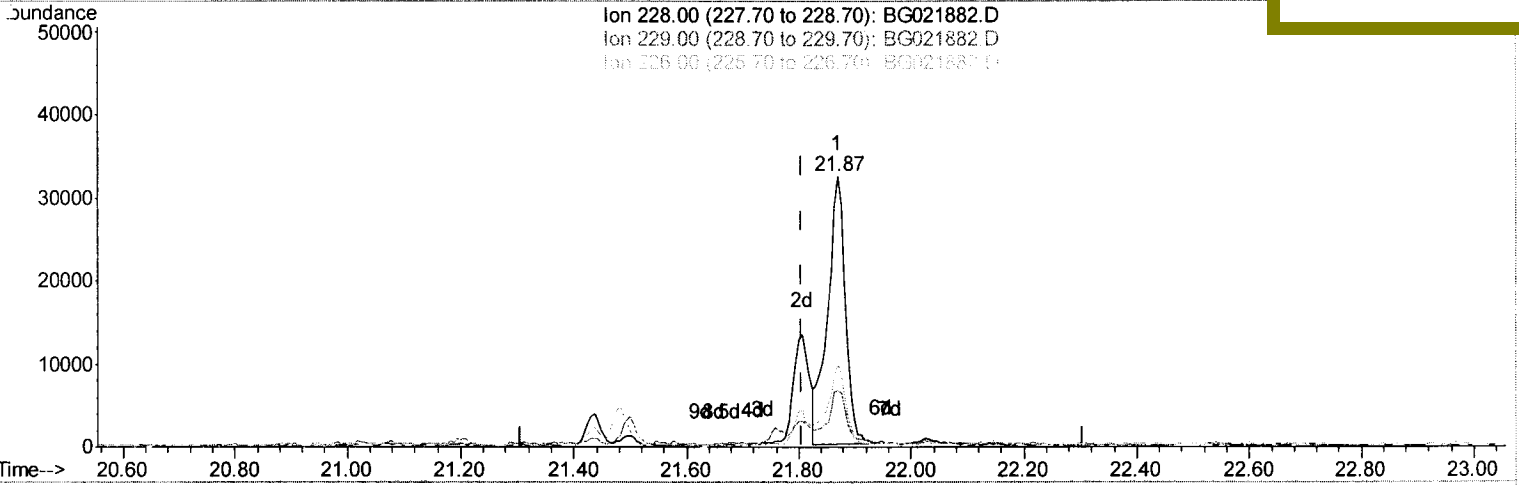
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(81) Benzo(a)anthracene

21.870min (+0.065) 3.65ng/ul

response 72966

Ion	Exp%	Act%
228.00	100	100
229.00	20.80	20.85
226.00	26.20	31.13
0.00	0.00	0.00

Quantitation Report (Qedit)

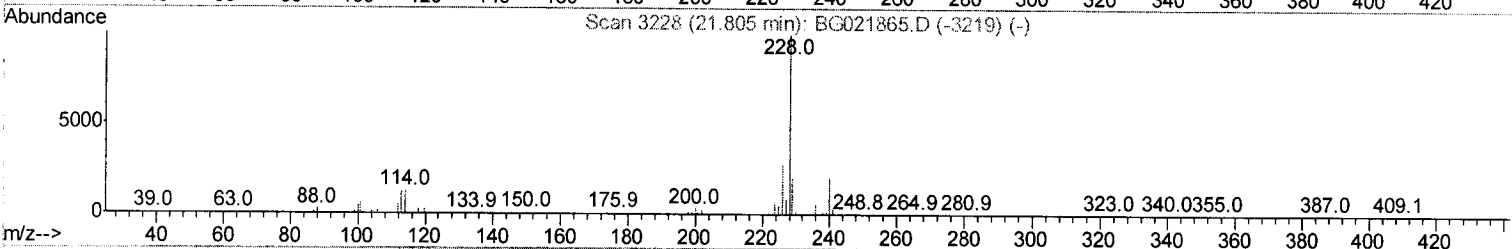
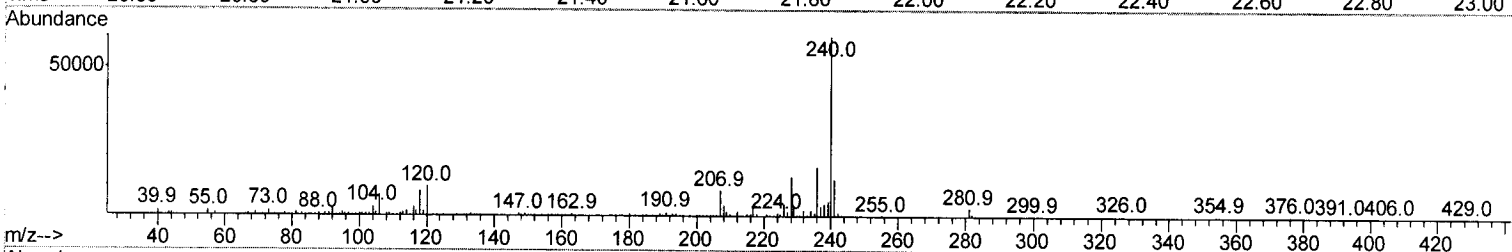
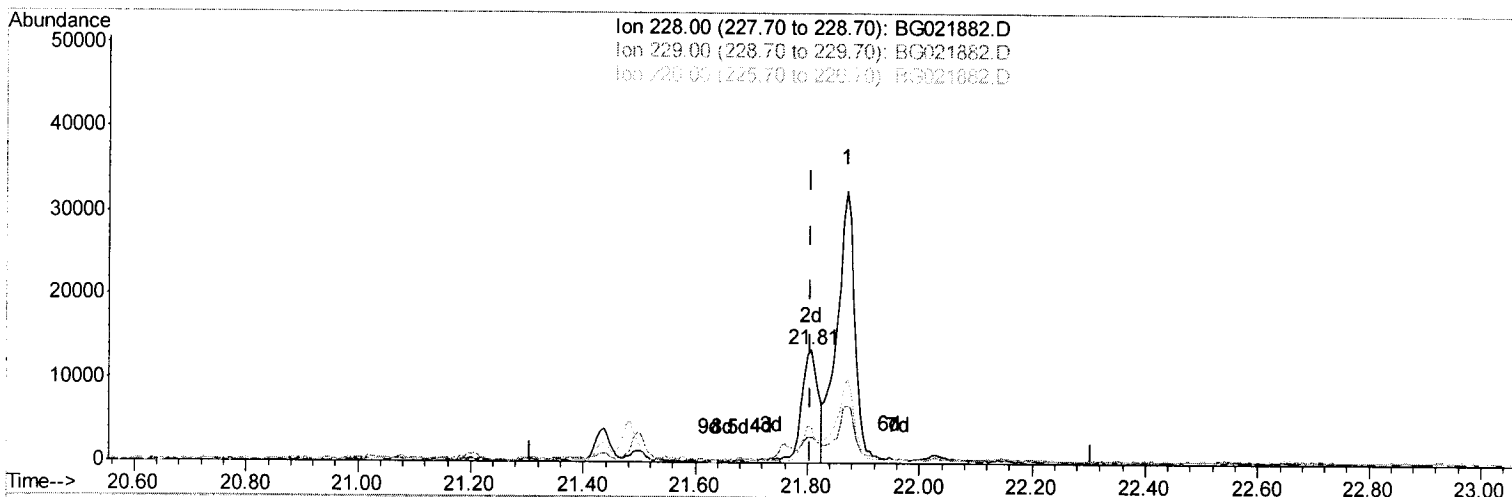
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 Sample : H2936-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
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Manual Integrations
 APPROVED

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TIC: BG021882.D

(81) Benzo(a)anthracene

21.806min (+0.000) 1.35ng/ul m *U.M*
05/16/16

response 27104

Ion	Exp%	Act%
228.00	100	100
229.00	20.80	22.85
226.00	26.20	32.95#
0.00	0.00	0.00

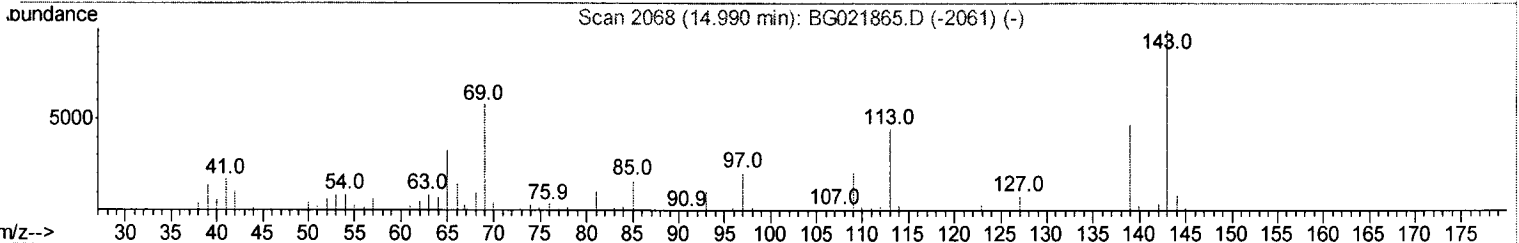
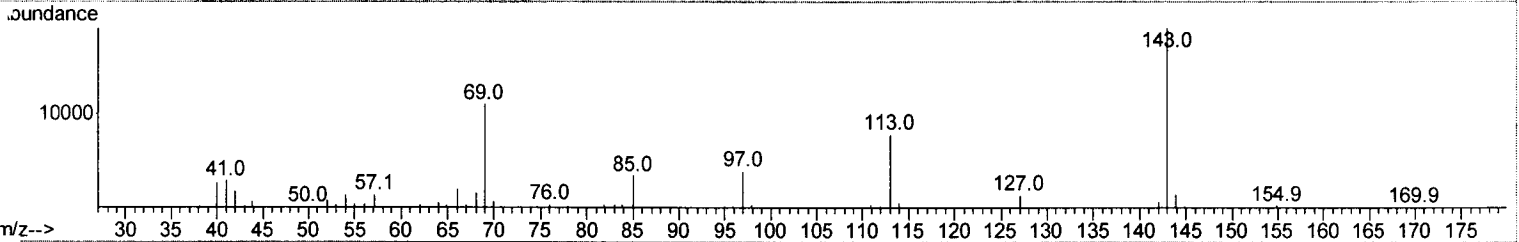
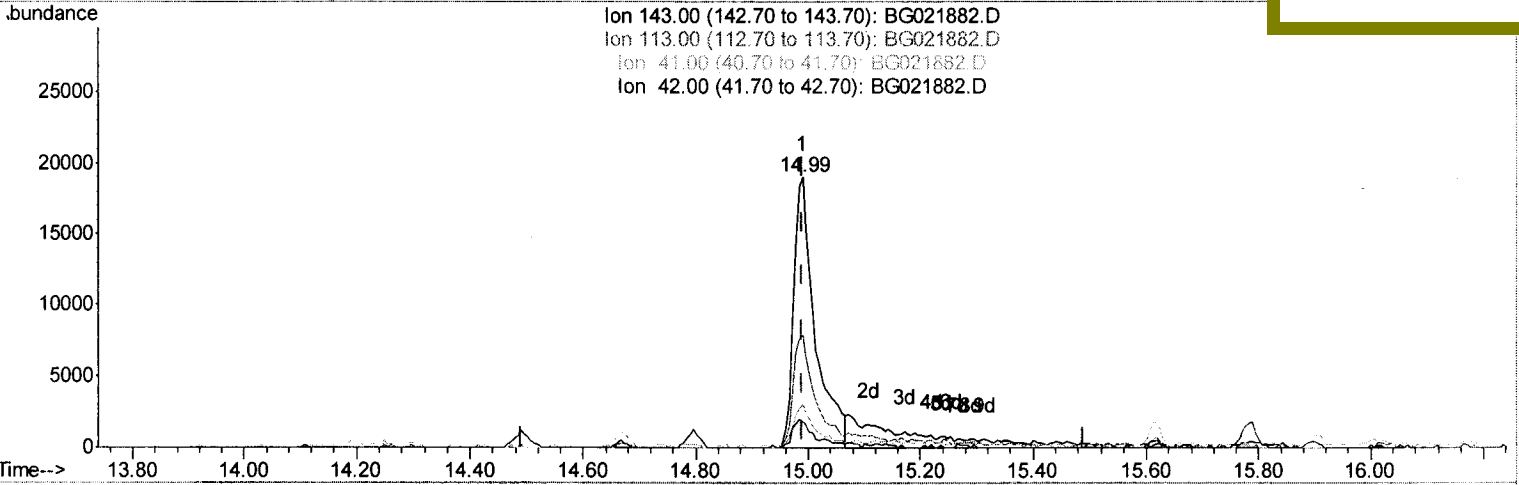
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TIC: BG021882.D

(52) 4-Nitrophenol-d4 (S)

14.990min (+0.000) 24.56ng/ul

response 50051

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	41.27#
41.00	49.70	15.78#
42.00	33.70	9.66#

Quantitation Report (Qedit)

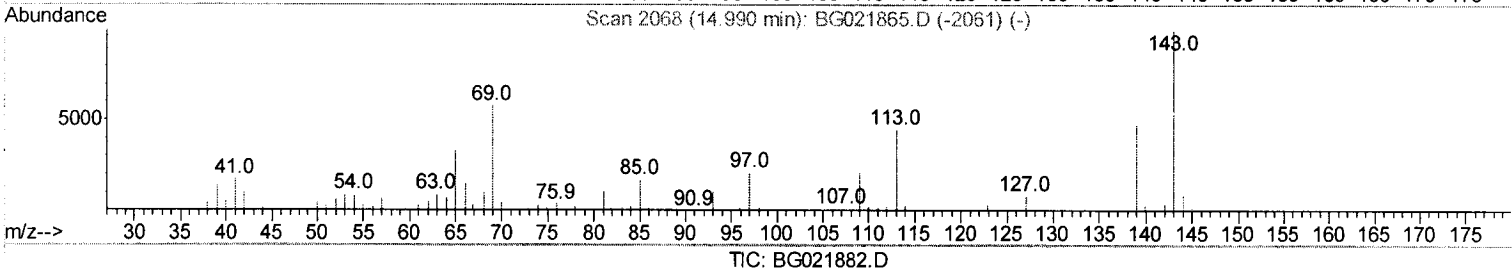
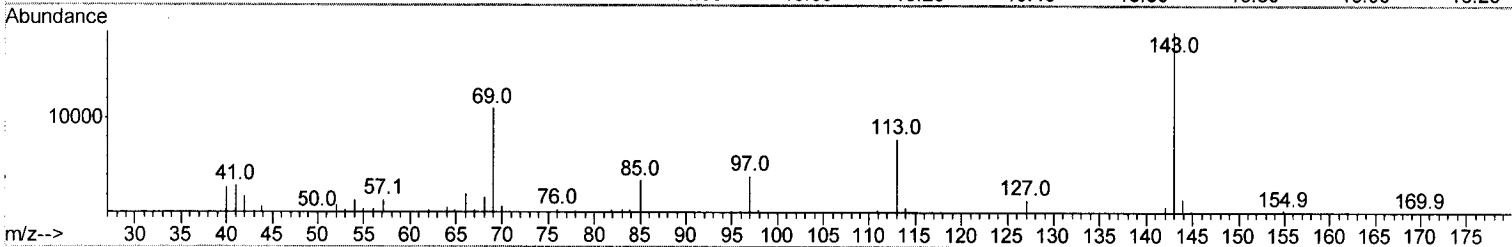
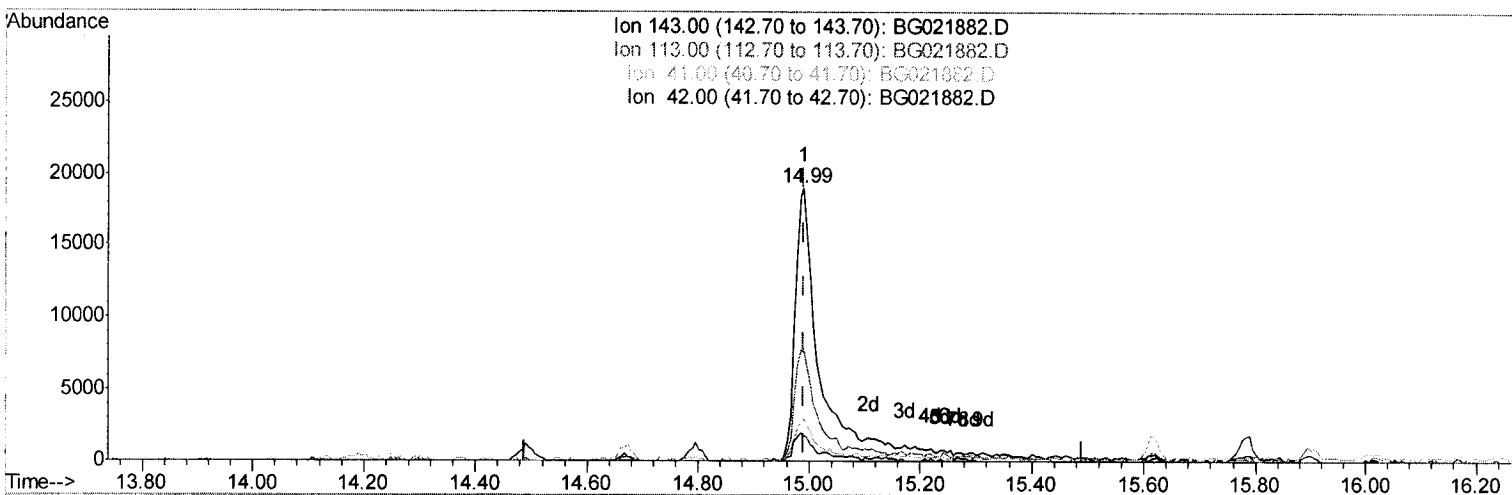
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(52) 4-Nitrophenol-d4 (S)

14.990min (+0.000) 31.06ng/ul m

U.M
05/16/16

response 63307

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	41.27#
41.00	49.70	15.78#
42.00	33.70	9.66#

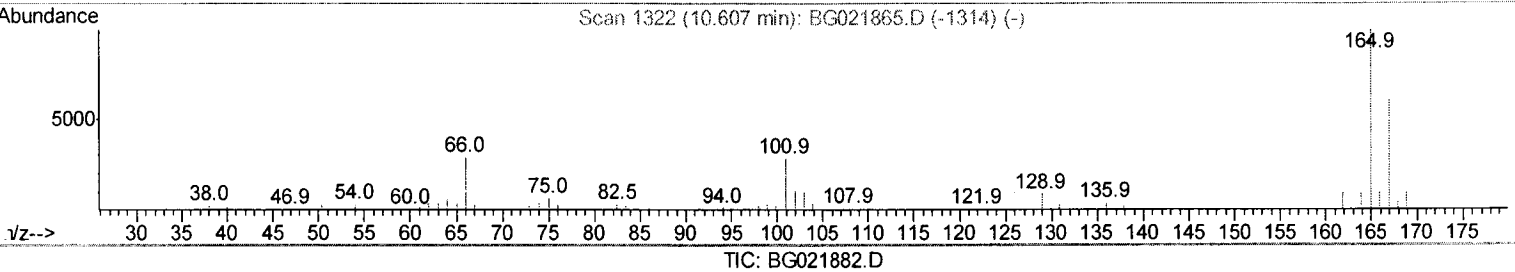
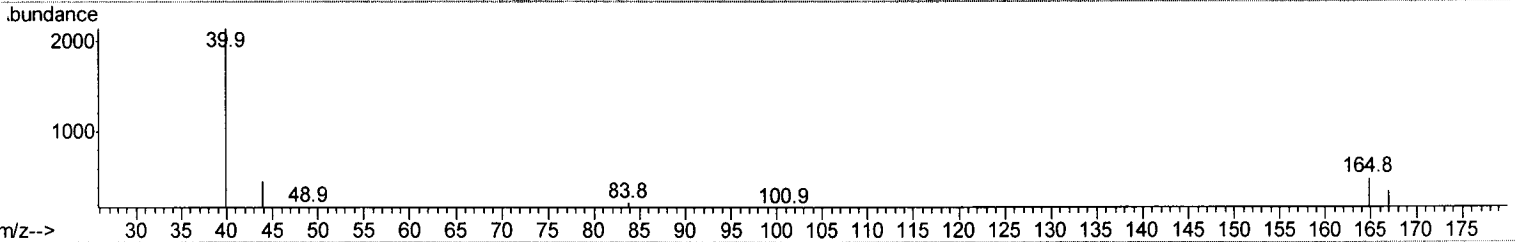
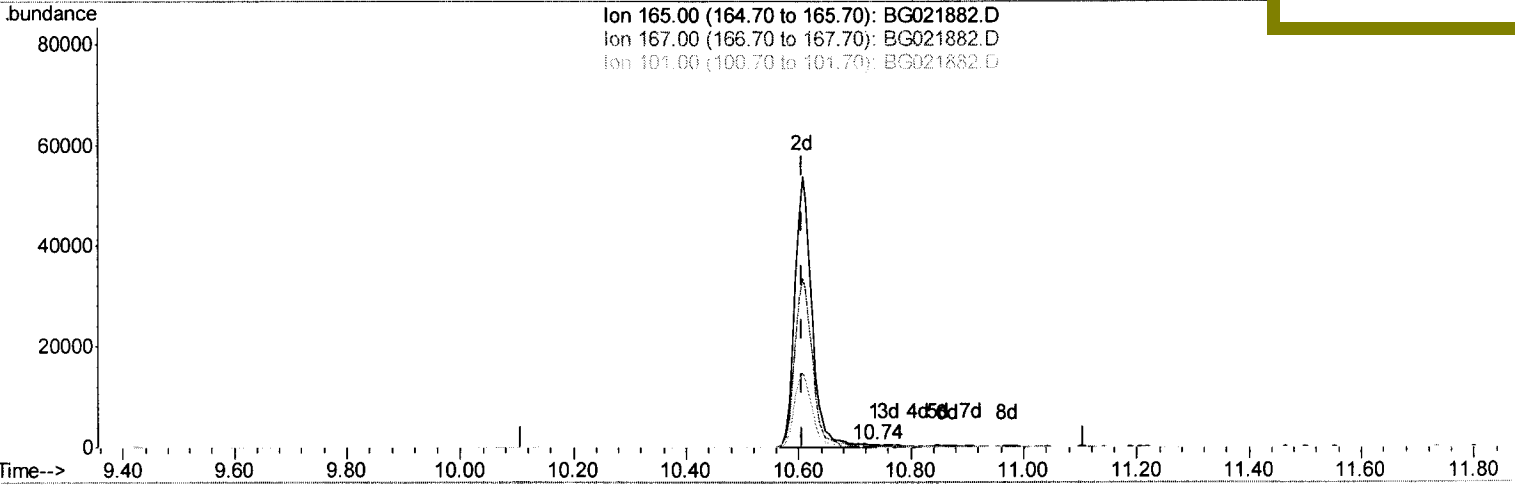
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(26) 2,4-Dichlorophenol-d3 (S)

10.736min (+0.130) 0.16ng/ul

response 445

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	72.97
101.00	41.00	36.18
0.00	0.00	0.00

Quantitation Report (Qedit)

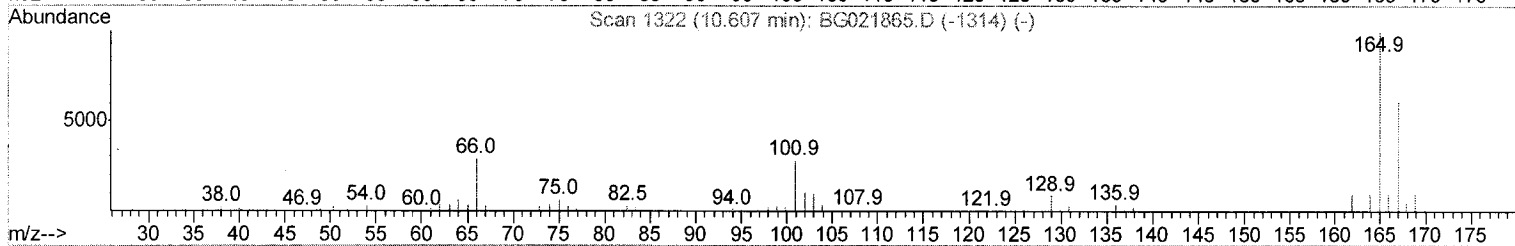
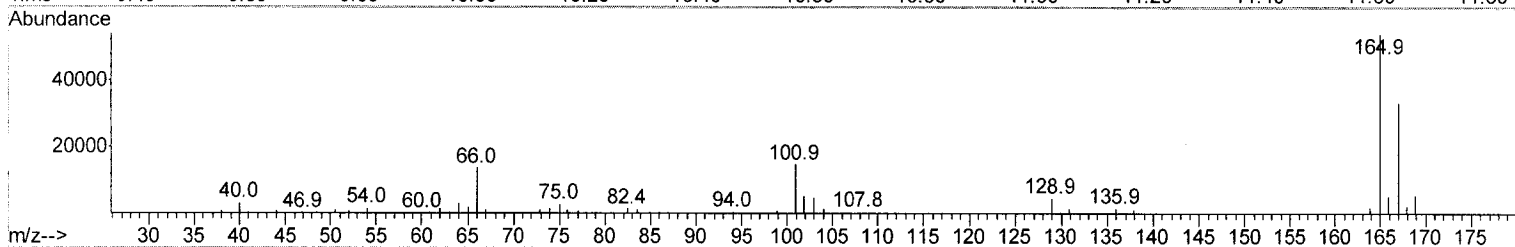
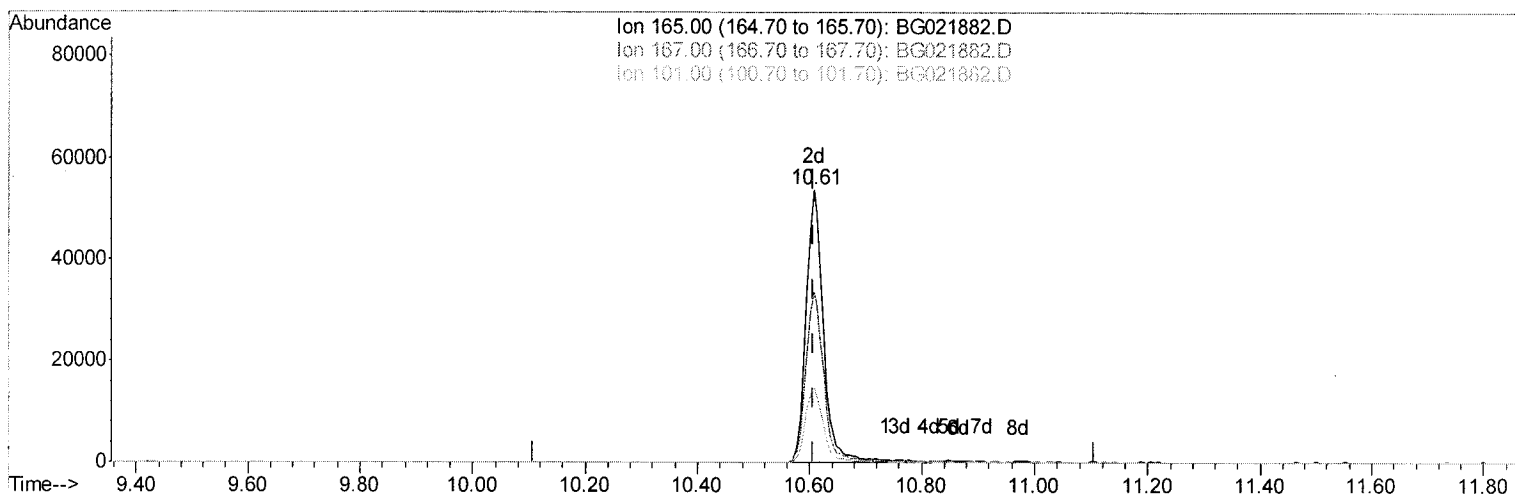
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TIC: BG021882.D

(26) 2,4-Dichlorophenol-d3 (S)

10.607min (+0.000) 39.88ng/ul m

U.M
05/11/16

response 112462

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	62.12
101.00	41.00	27.41#
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	8.17	152	40122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	240198	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	169279	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	363287	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	359527	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	363268	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5029	6.05	ng/uL	0.00
5) Phenol-d5	7.32	99	120032	40.32	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.49	67	56694	38.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	108582	46.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	107368	42.94	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	57426	36.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	61149	61.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	112462m	39.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	101460	33.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	351178	29.54	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	472228	27.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	63307m	31.06	ng/ul	0.00
58) Fluorene-d10	15.78	176	321516	25.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33759	33.55	ng/ul	0.00
71) Anthracene-d10	17.64	188	443572	25.08	ng/ul	0.00
77) Pyrene-d10	19.91	212	470921	27.98	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	448442	25.98	ng/ul	0.00

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.24	163	67979	5.61	ng/ul	98
70) Phenanthrene	17.58	178	158439	7.98	ng/ul	99
75) Fluoranthene	19.58	202	188114	8.34	ng/ul	98
78) Pyrene	19.94	202	130106	6.25	ng/ul	95
81) Benzo(a)anthracene	21.81	228	27104m	1.35	ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.69	149	12643	1.68	ng/ul#	88
83) Chrysene	21.87	228	72459	3.66	ng/ul	97
86) Benzo(b)fluoranthene	24.10	252	86892	4.18	ng/ul#	94
87) Benzo(k)fluoranthene	24.16	252	37496m	1.68	ng/ul	
89) Benzo(a)pyrene	25.00	252	40925	1.98	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	28.98	276	43195m	1.76	ng/ul	
92) Benzo(a,h,i)perylene	30.17	276	35062m	1.73	ng/ul	

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