

Quantitation Report (LSC Reviewed)

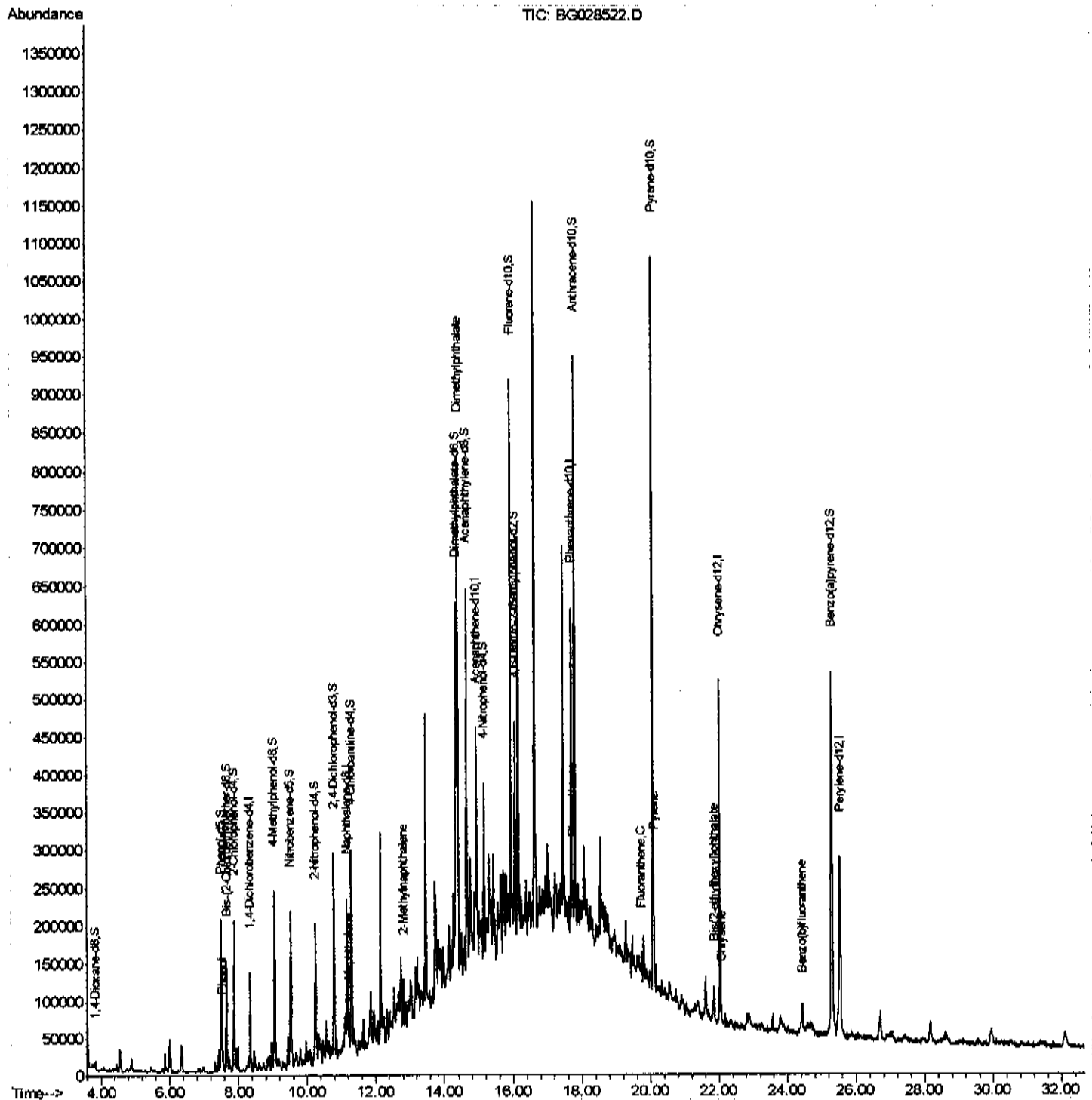
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082817\
 Data File : BG028522.D
 Acq On : 28 Aug 2017 17:14
 Operator : SJ/JU
 Sample : I4905-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AX0

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:01:37 PM

Quant Time: Aug 29 02:50:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:30:36 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

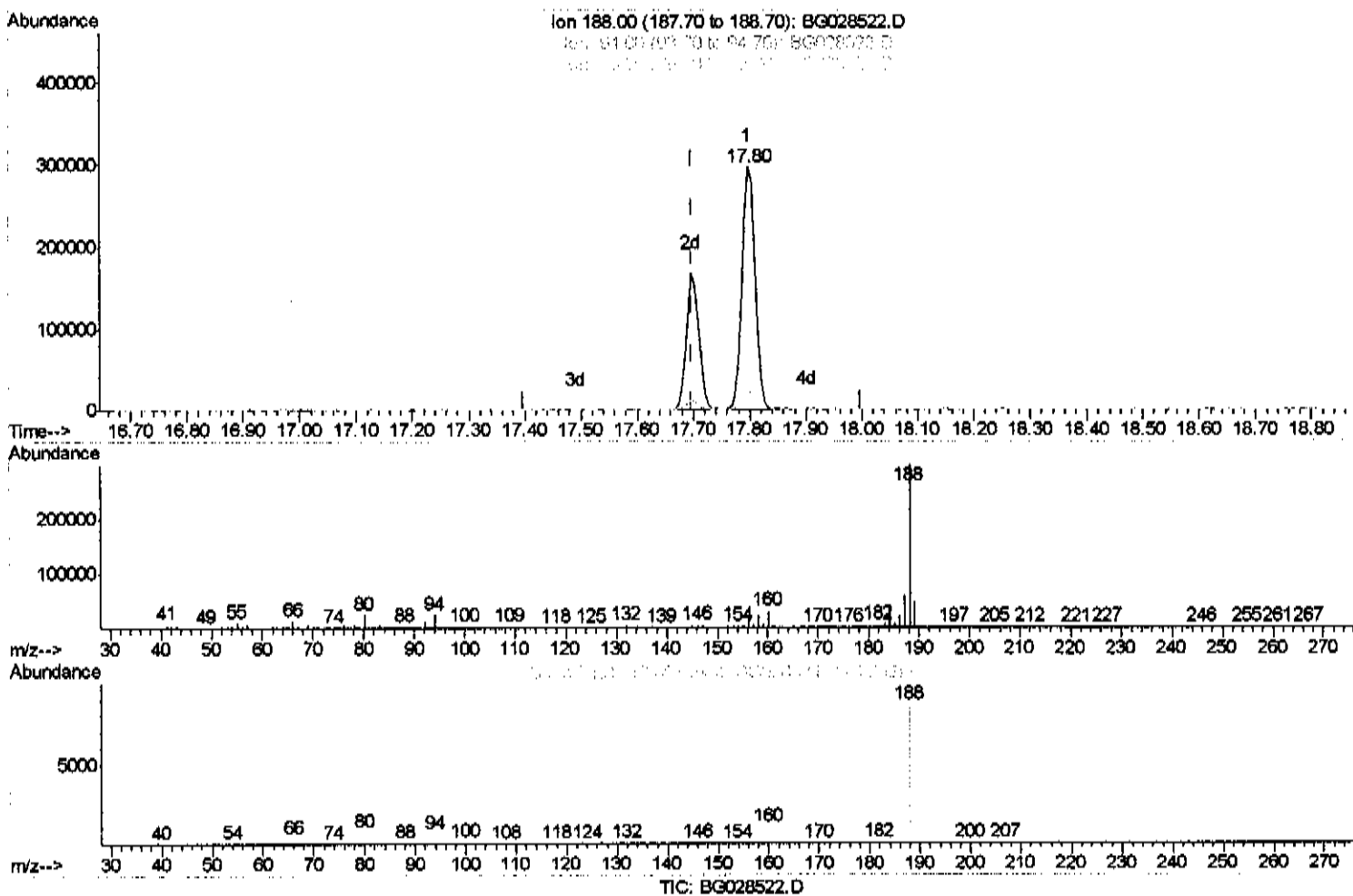
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Quant Time: Aug 29 15:48:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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 QLast Update : Tue Aug 29 03:57:40 2017
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(61) Phenanthrene-d10 (I)

17.797min (+0.099) 20.00ng/ul

response 485601

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.14
80.00	9.50	8.25
0.00	0.00	0.00

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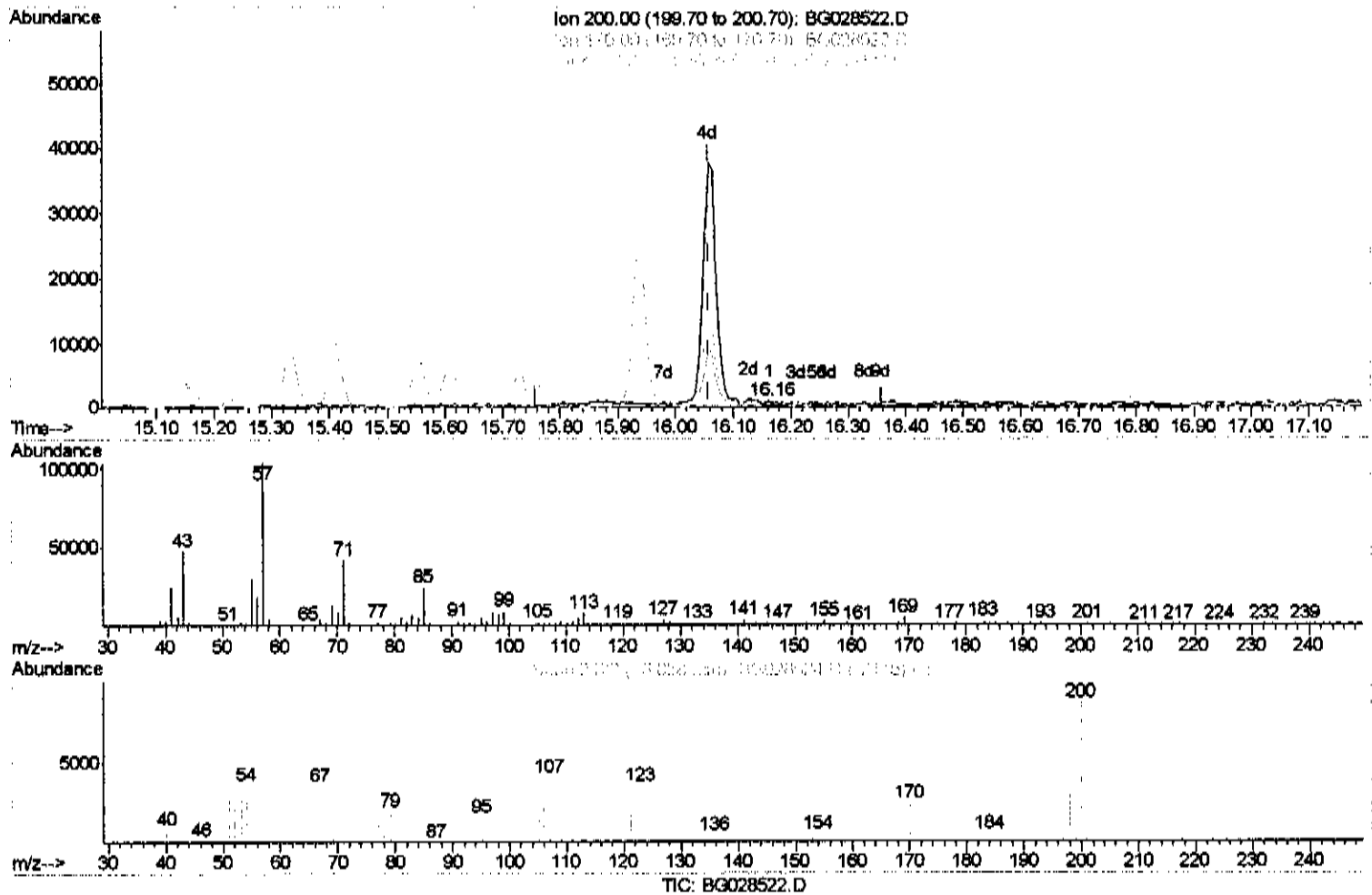
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.163min (+0.105) 0.31ng/ul

response 988

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	115.47#
52.00	47.20	31.52#
0.00	0.00	0.00

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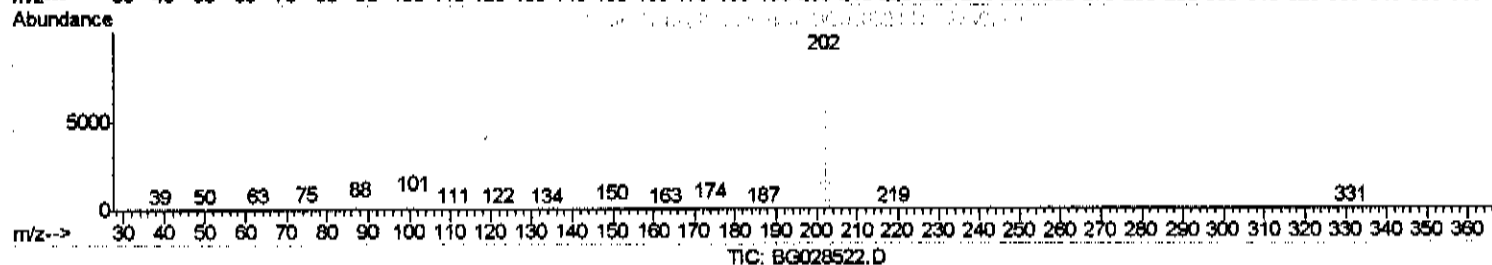
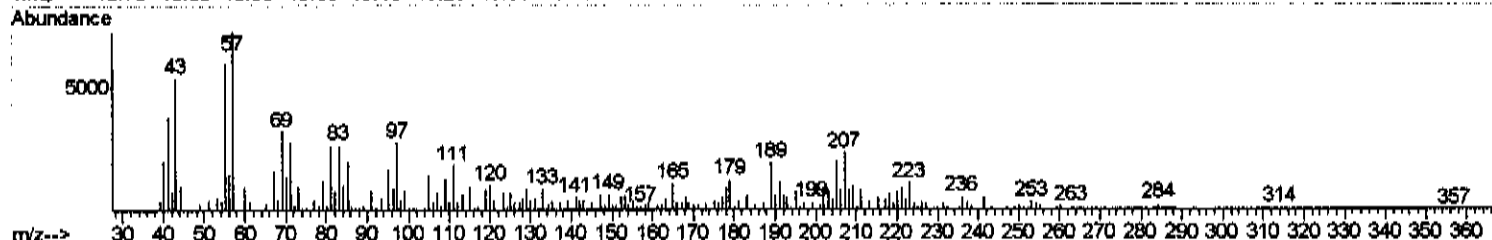
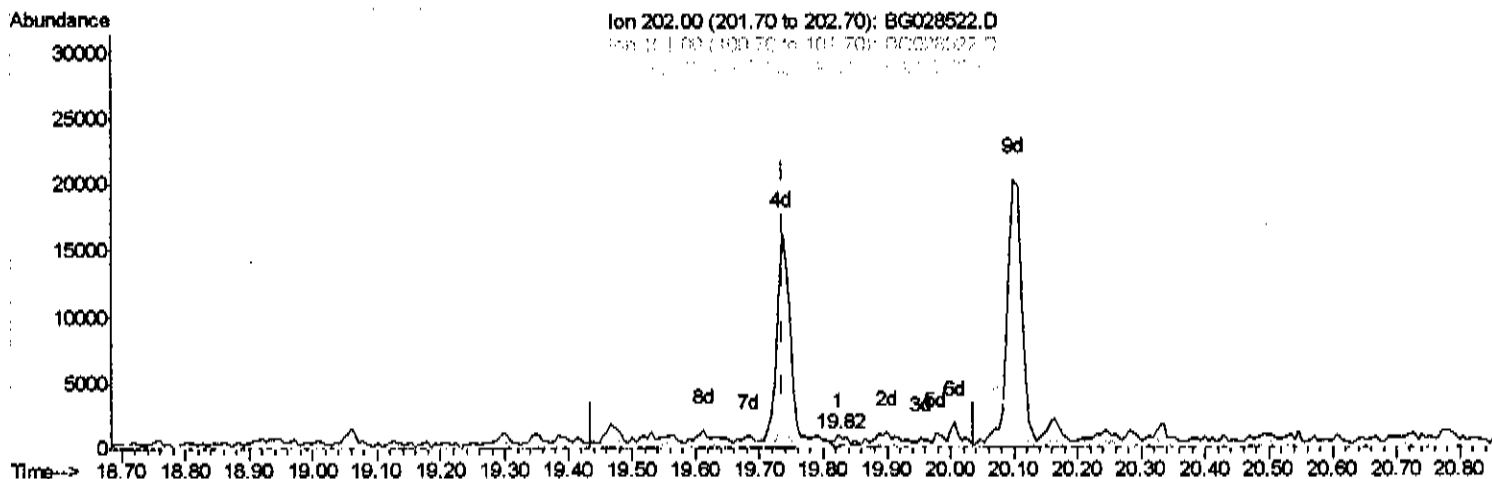
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(74) Fluoranthene (C)

19.824min (+0.087) 0.03ng/ul

response 989

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	23.03#
100.00	6.50	19.44#
0.00	0.00	0.00

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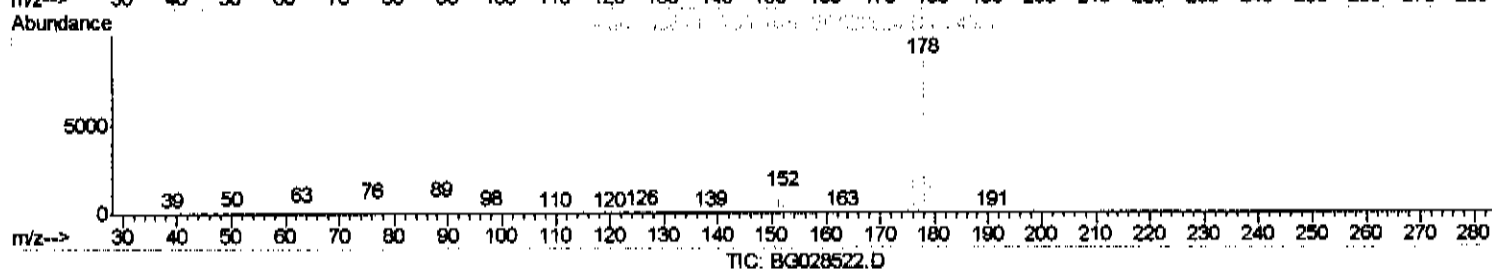
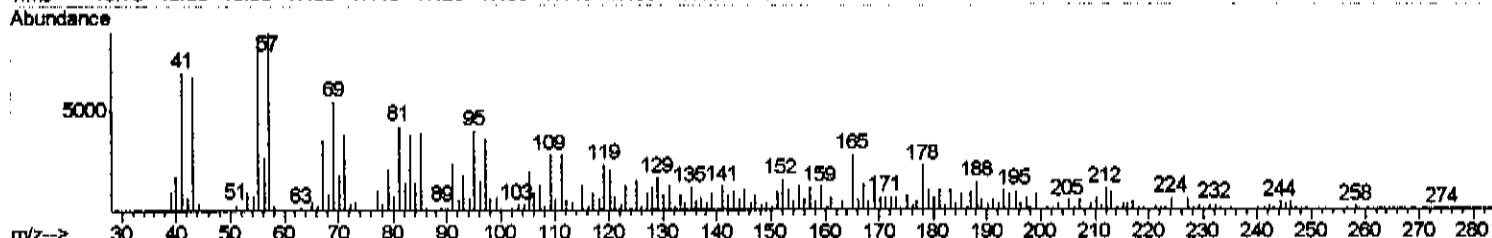
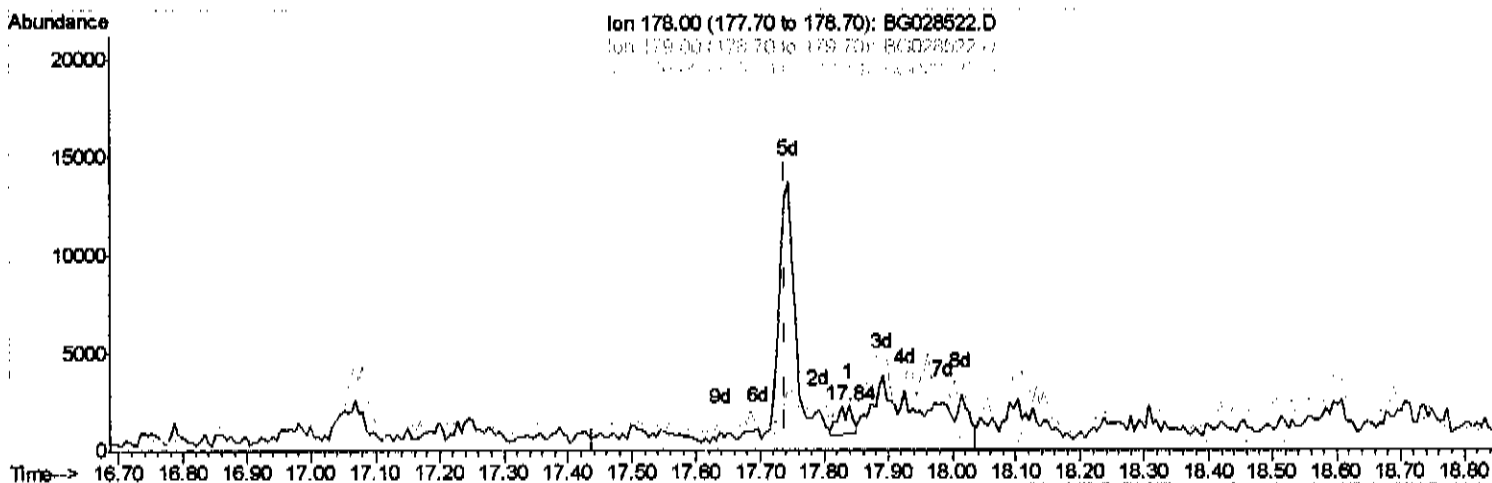
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(69) Phenanthrene

17.838min (+0.099) 0.09ng/ul

response 2201

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	49.28%
176.00	20.60	20.65
0.00	0.00	0.00

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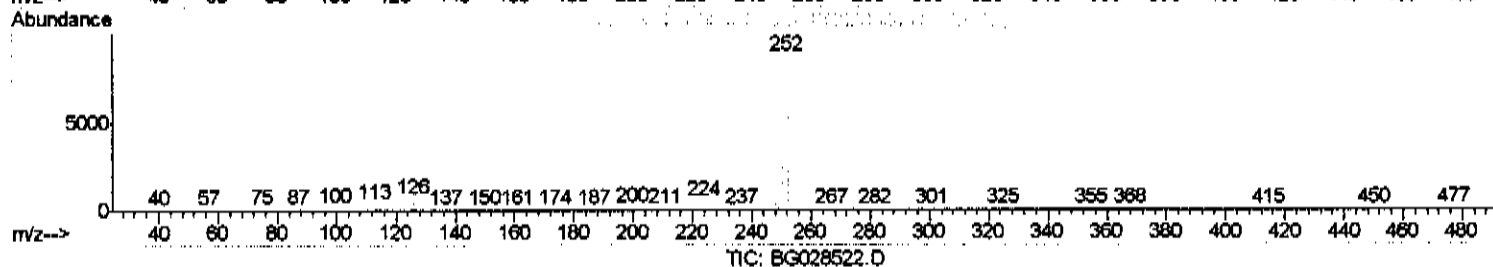
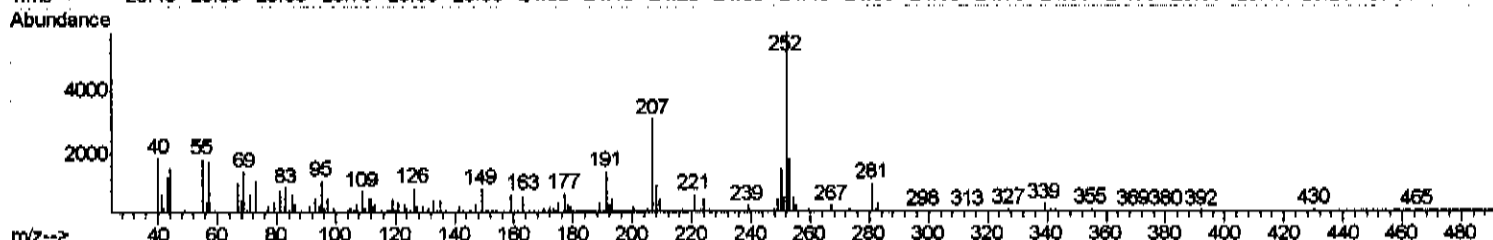
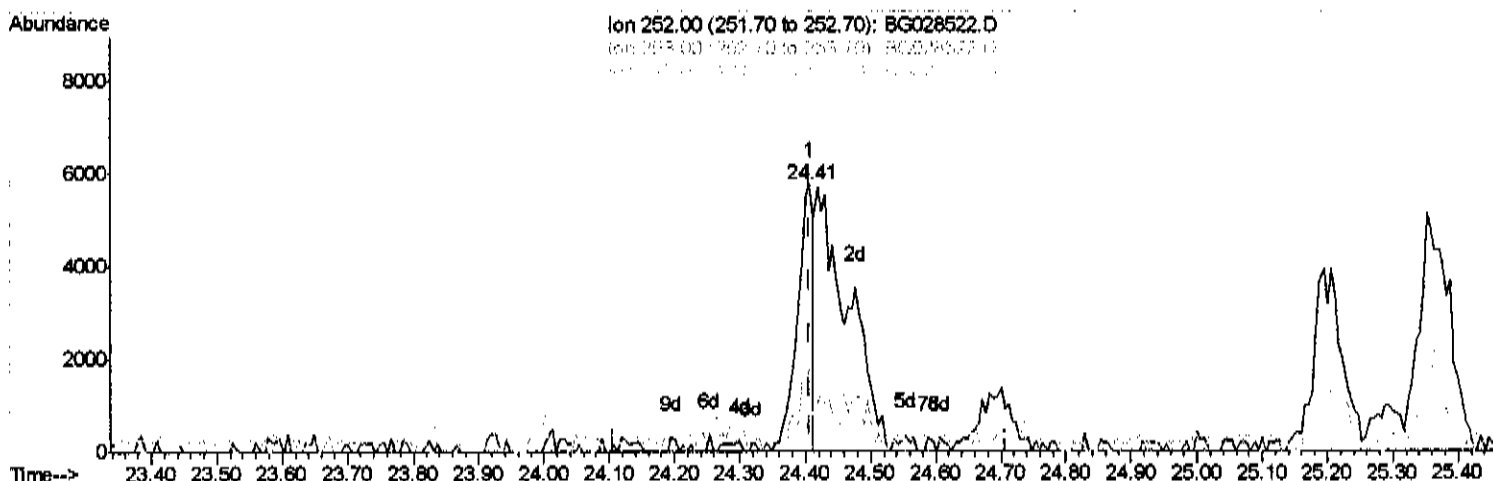
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(85) Benzo(b)fluoranthene
 24.406min (-0.001) 0.56ng/ul
 response 10226

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	31.21#
125.00	5.00	3.91#
0.00	0.00	0.00

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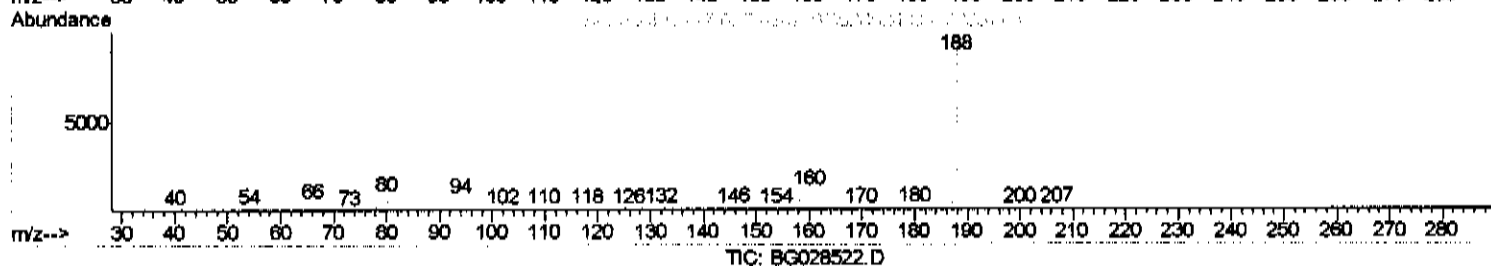
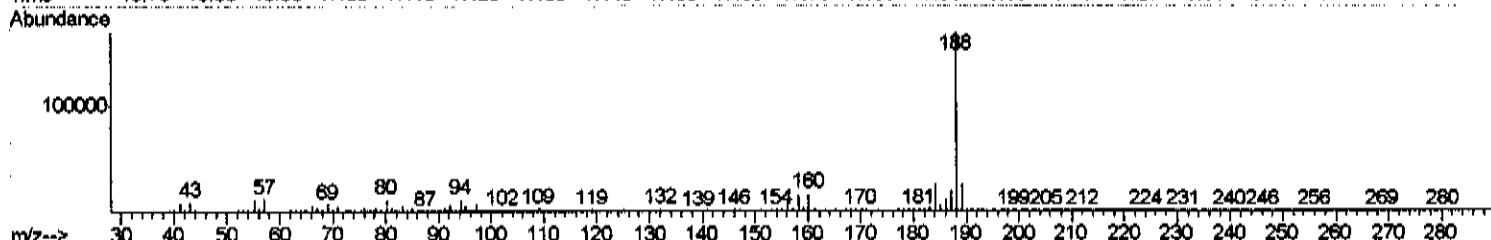
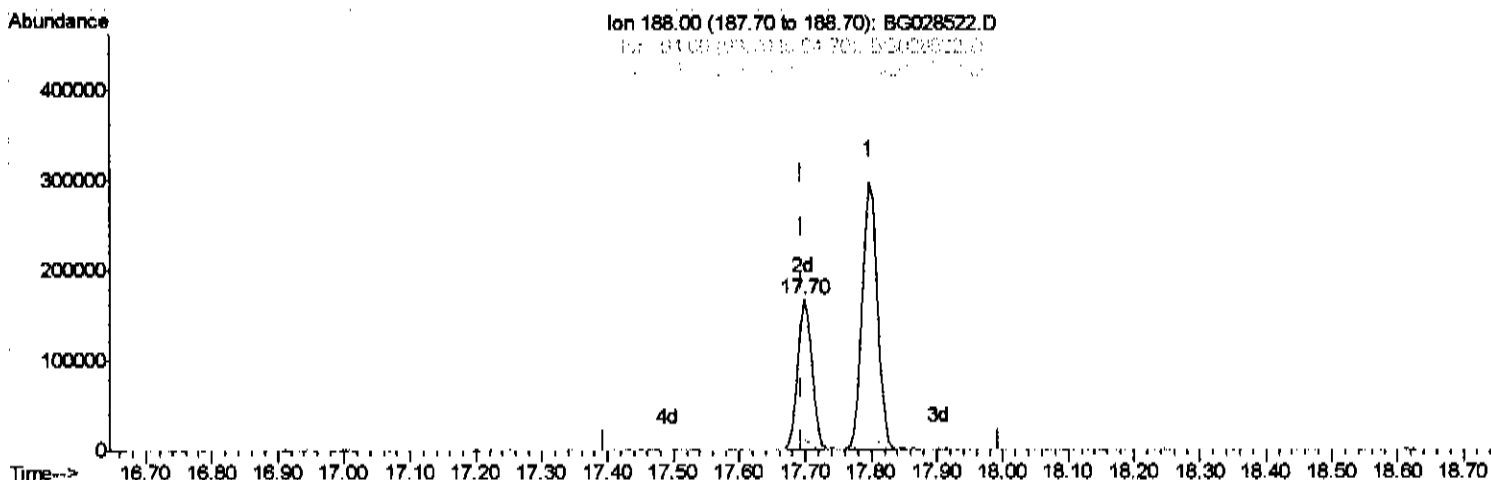
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 Operator : SJ/JU
 Sample : I4905-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(61) Phenanthrene-d10 (I)

17.697min (+0.001) 20.00ng/ul m

response 255166

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.06
80.00	9.50	7.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

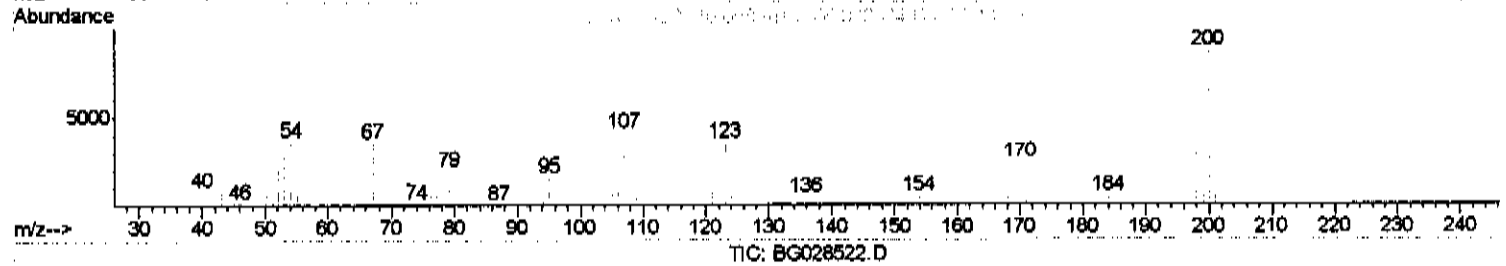
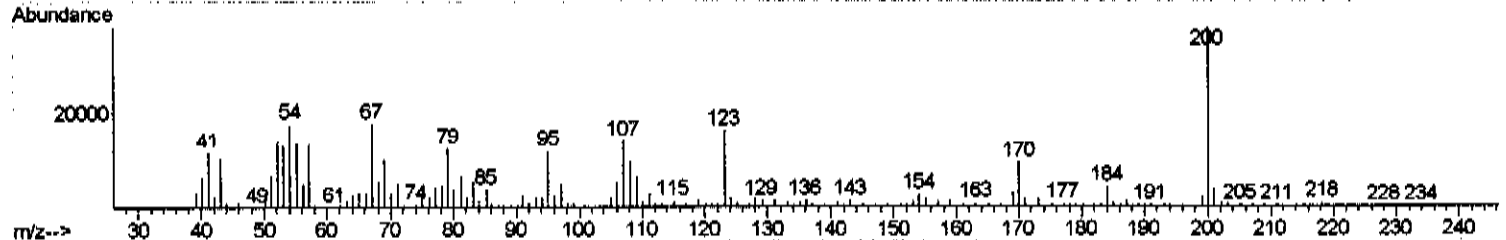
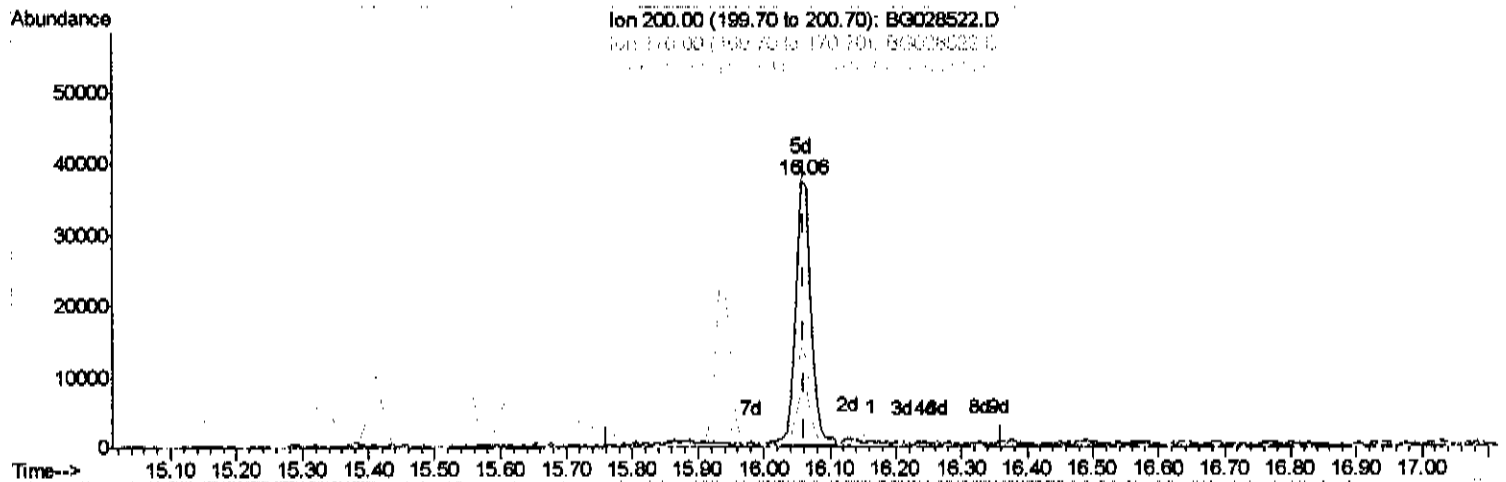
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.057min (-0.005) 36.62ng/ul m

response 61031

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.58
52.00	47.20	37.54#
0.00	0.00	0.00

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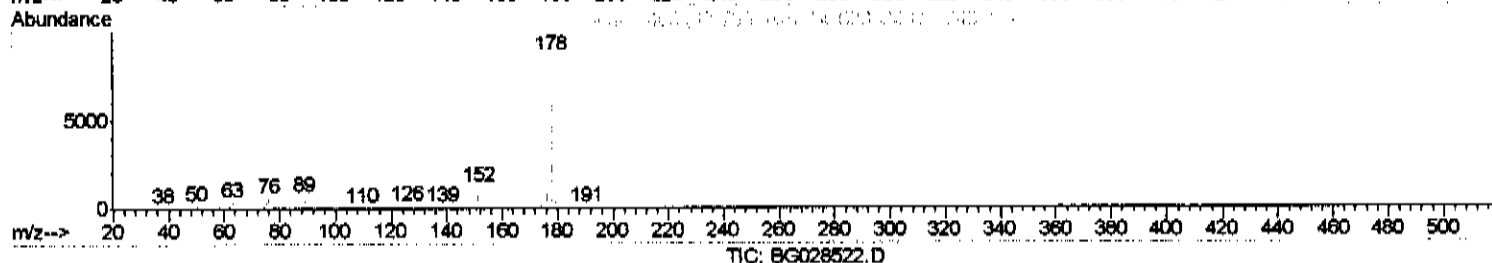
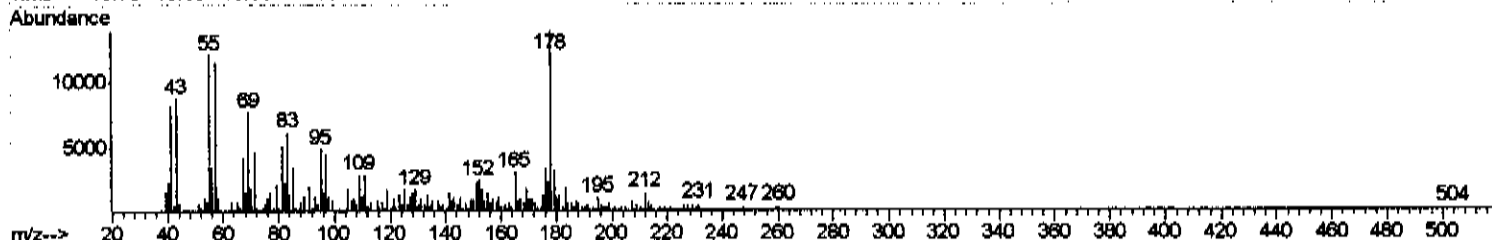
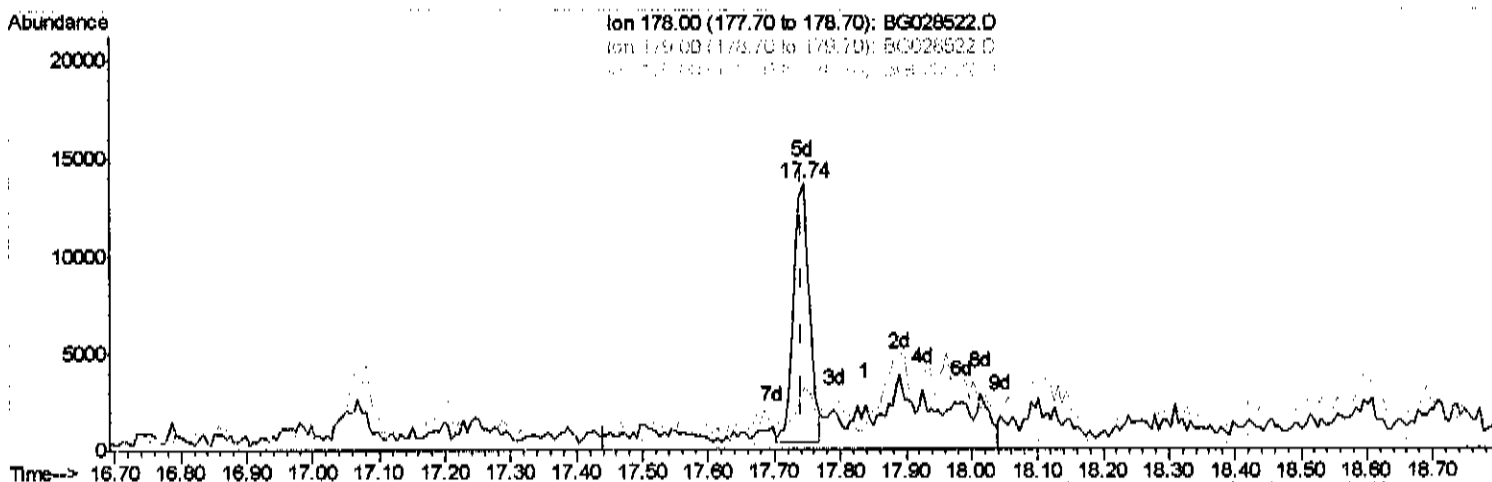
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(69) Phenanthrene

17.744min (+0.001) 1.75ng/ul m

response 22450

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	23.80%
178.00	20.80	24.05
0.00	0.00	0.00

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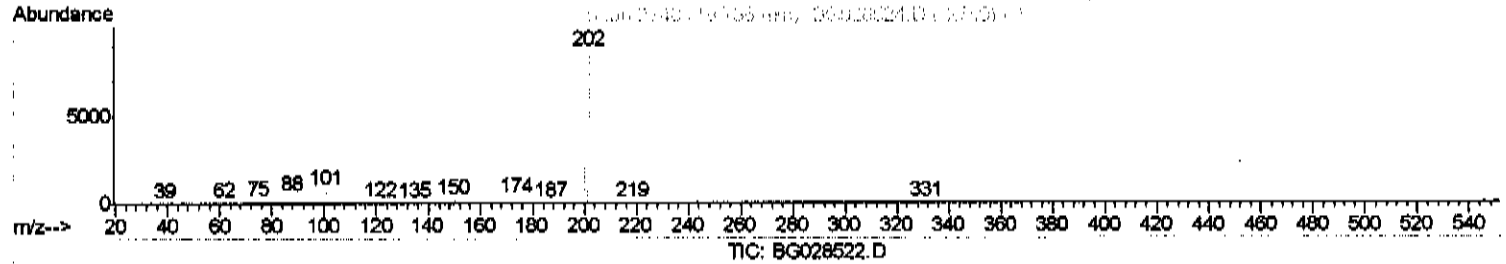
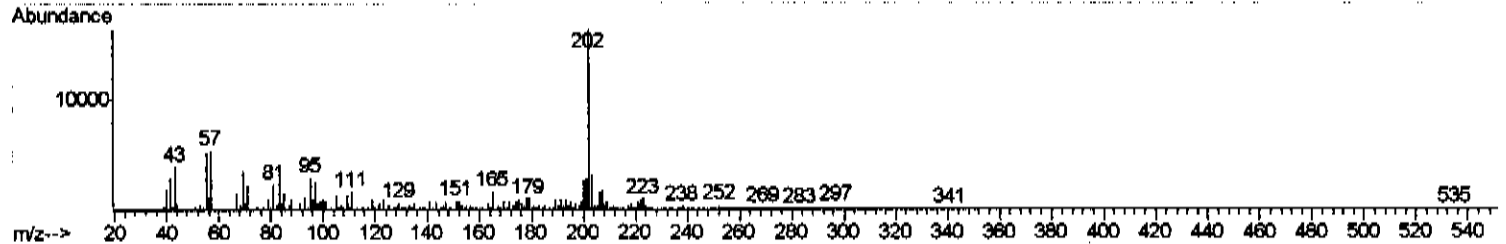
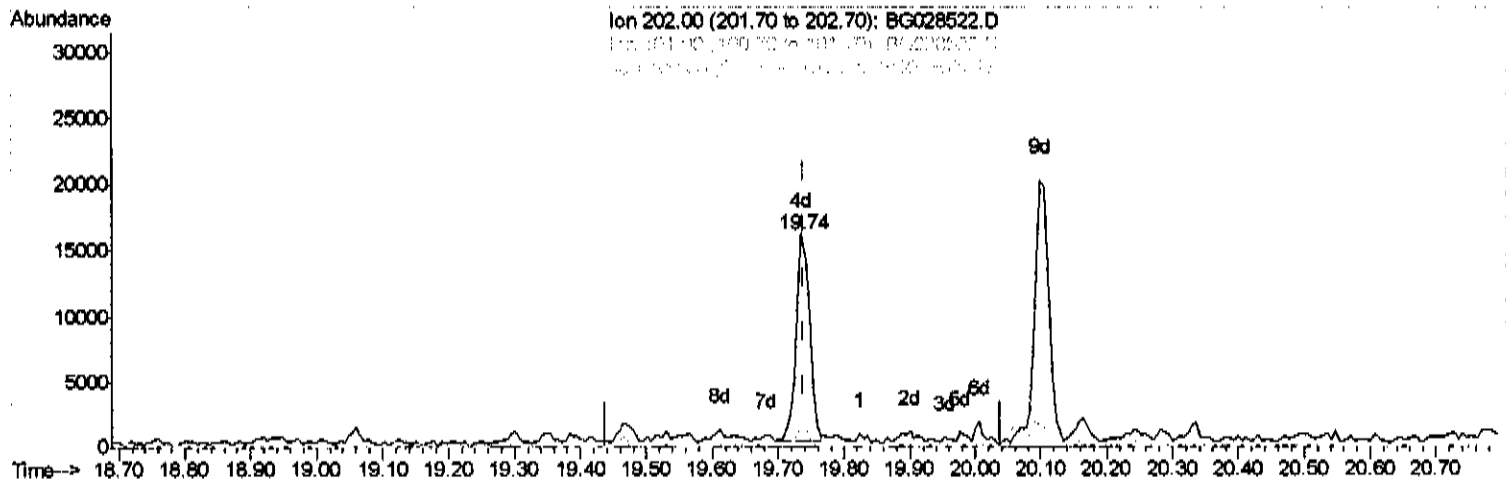
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(74) Fluoranthene (C)

19.735min (-0.005) 1.47ng/ul m

response 22936

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	5.38%
100.00	6.50	6.51
0.00	0.00	0.00

Quantitation Report (Qedit)

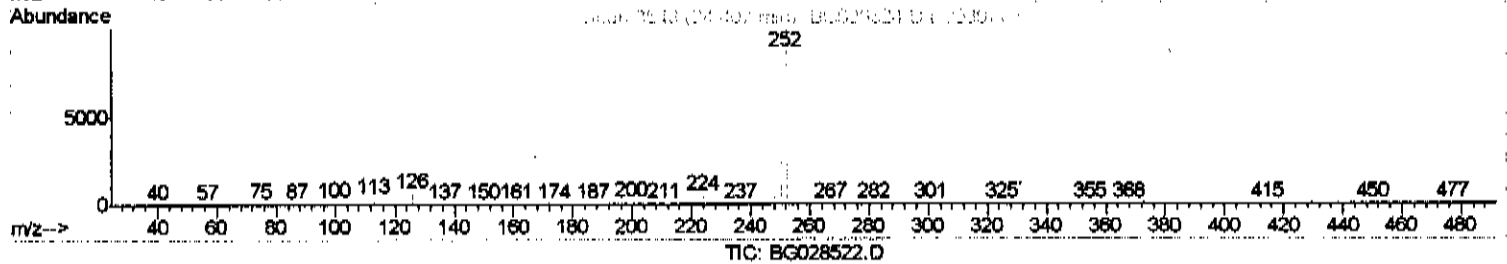
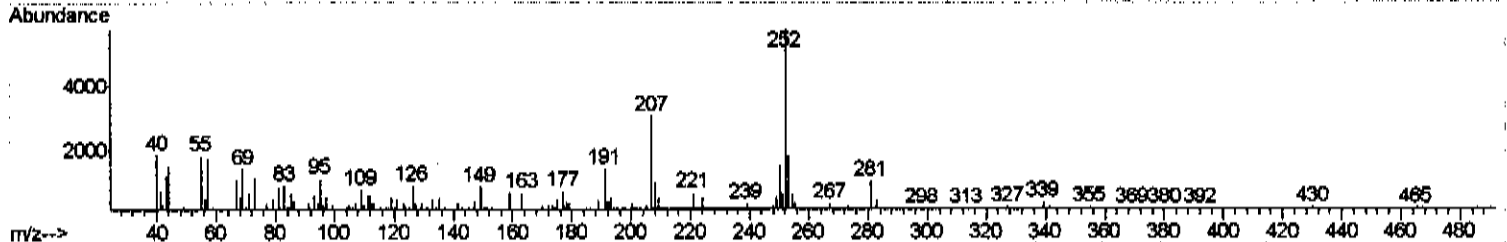
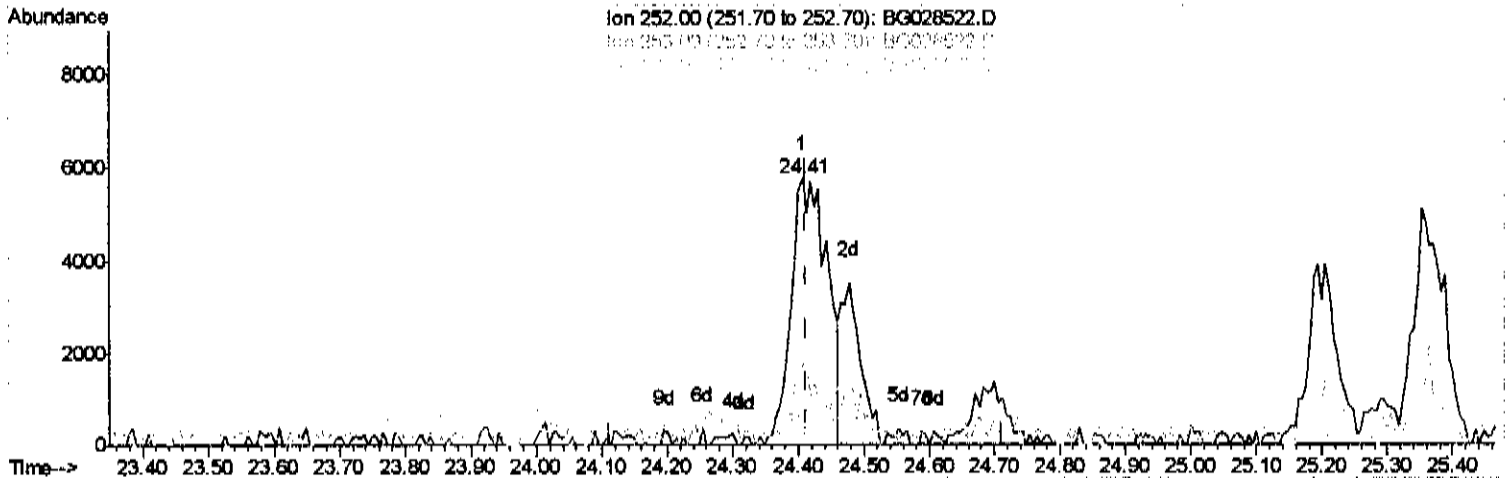
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(85) Benzo(b)fluoranthene

24.406min (-0.005) 1.21ng/ul m

response 22212

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	31.21#
125.00	5.00	3.91#
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	8.34	152	38976	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	154353	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	106275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	255166m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	307071	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	305663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	5420	6.48	ng/uL	0.01
5) Phenol-d5	7.49	99	116889	27.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	76410	28.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	89958	33.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	98688	27.58	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	45884	38.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	54800	41.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	104995	38.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	91152	29.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	337545	35.71	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	395731	37.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	50344	33.50	ng/ul	0.00
57) Fluorene-d10	15.94	176	300274	35.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	61031m	36.82	ng/ul	0.00
70) Anthracene-d10	17.80	188	484508	39.60	ng/ul	0.00
76) Pyrene-d10	20.07	212	577529	36.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	564079	39.42	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.52	94	7497	1.762	ng/ul#	88
28) Naphthalene	11.20	128	16080	2.103	ng/ul#	94
34) 2-Methylnaphthalene	12.79	142	28333	4.614	ng/ul	96
44) Dimethylphthalate	14.38	163	90992	10.455	ng/ul	99
69) Phenanthrene	17.74	178	22450m	1.748	ng/ul	99
74) Fluoranthene	19.74	202	22936m	1.470	ng/ul	97
77) Pyrene	20.10	202	31006	1.692	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.86	149	39602	4.057	ng/ul	93
82) Chrysene	22.07	228	17179	1.075	ng/ul#	93
85) Benzo(b)fluoranthene	24.41	252	22212m	1.214	ng/ul	93

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