

Quantitation Report (QT Reviewed)

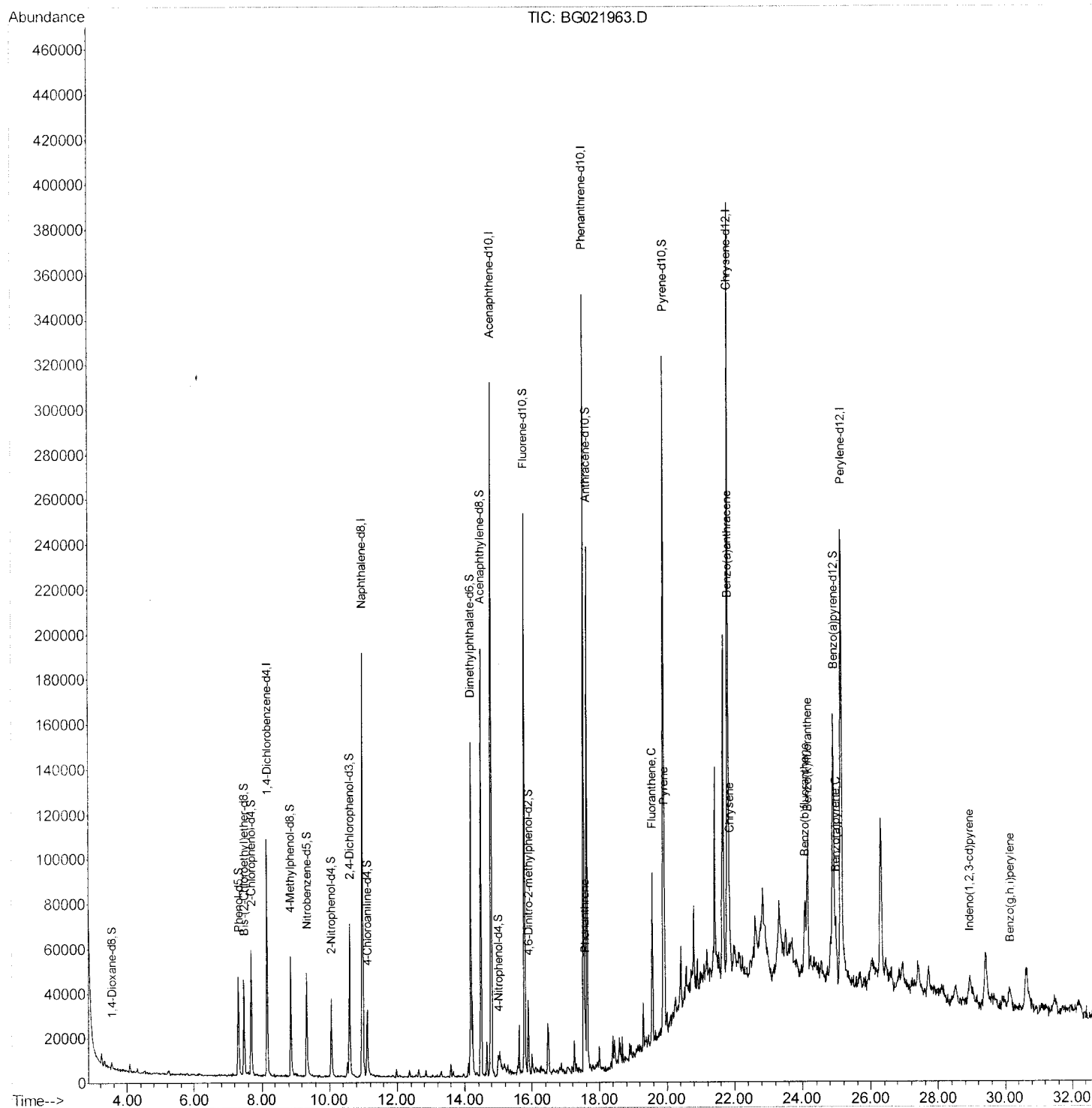
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
 Data File : BG021963.D
 Acq On : 19 May 2016 14:50
 Operator : UM/SJ
 Sample : H3092-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC2

Manual Integrations
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Quant Time: May 20 06:48:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Fri May 20 05:44:47 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

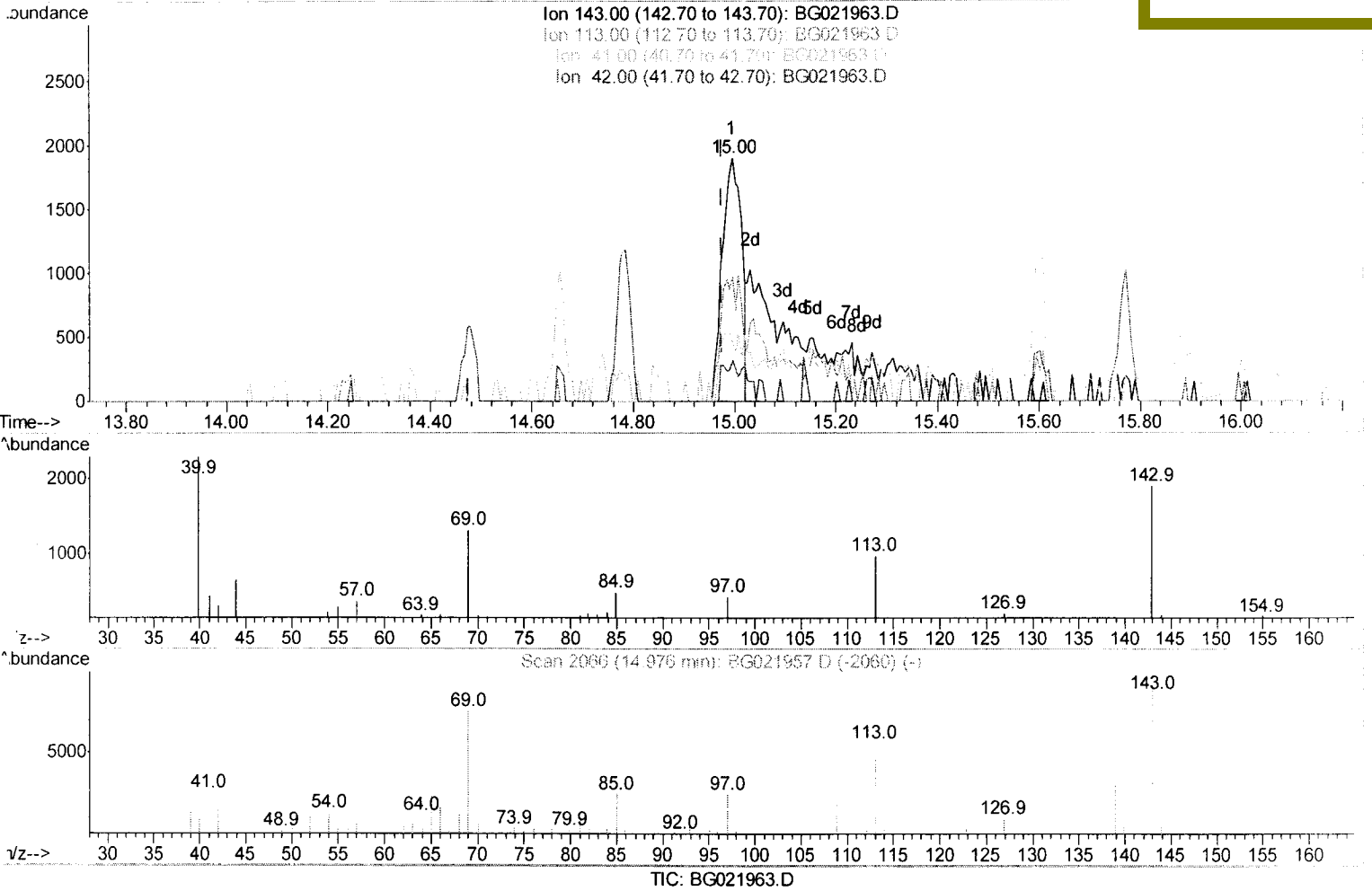
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(20) 4-Nitrophenol-d4 (S)

14.996min (+0.021) 3.08ng/ul

response 4979

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	51.34#
41.00	49.70	23.72#
42.00	33.70	16.61#

Quantitation Report (Qedit)

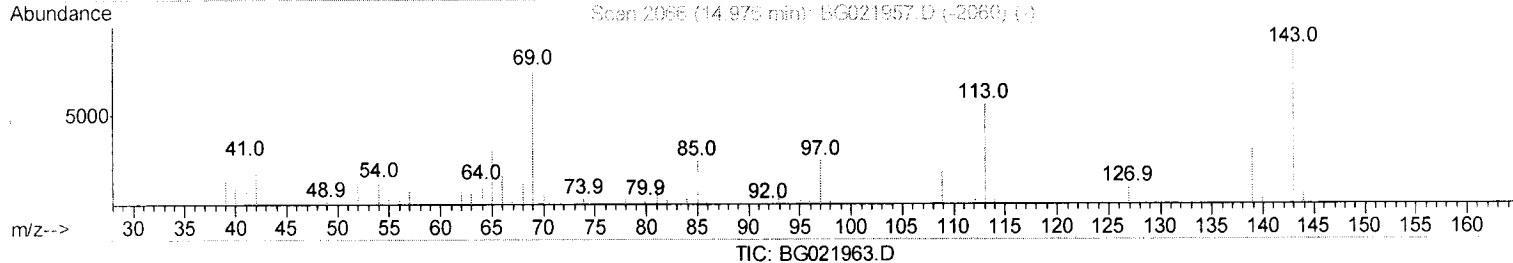
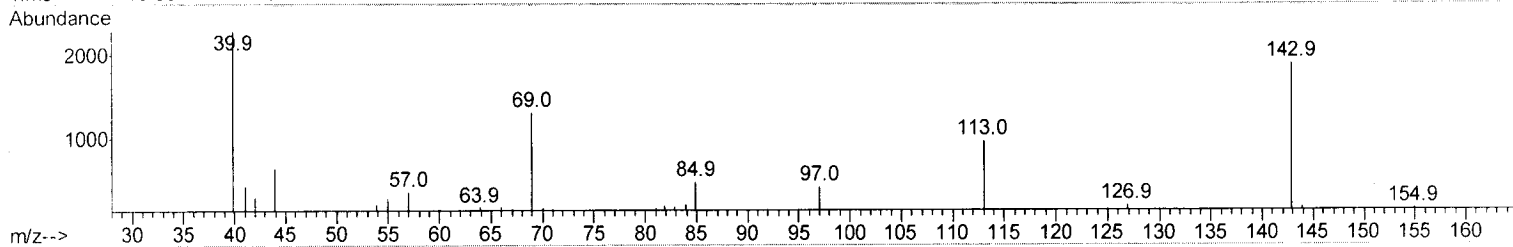
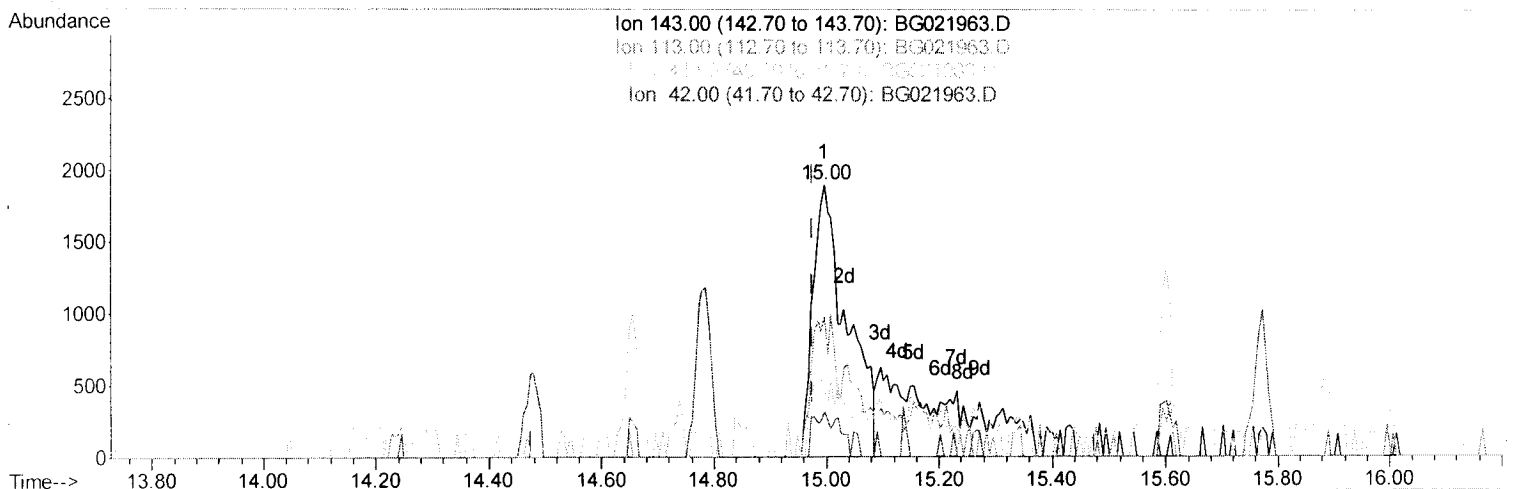
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(20) 4-Nitrophenol-d4 (S)

14.996min (+0.021) 4.95ng/ul m

response 7991

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	51.34#
41.00	49.70	23.72#
42.00	33.70	16.61#

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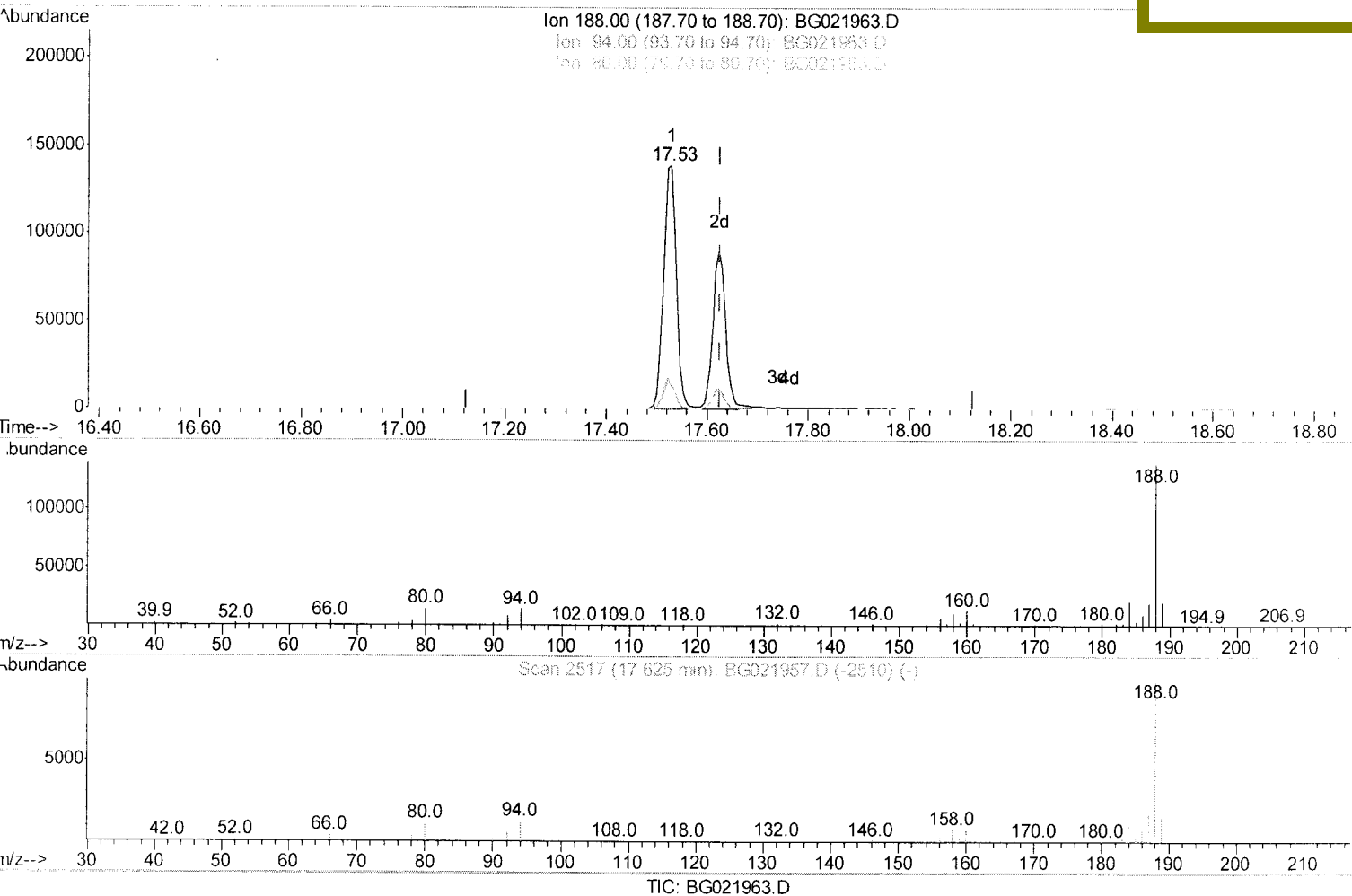
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(26) Anthracene-d10 (S)

17.529min (-0.097) 21.70ng/ul

response 239918

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	10.22
80.00	10.80	10.41
0.00	0.00	0.00

Quantitation Report (Qedit)

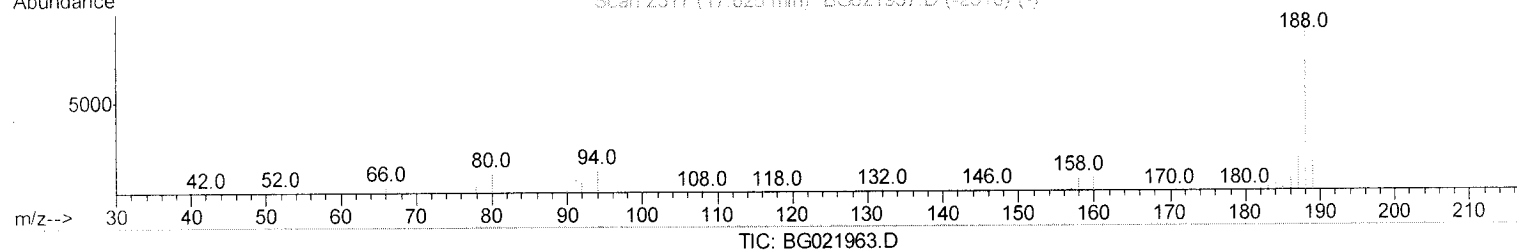
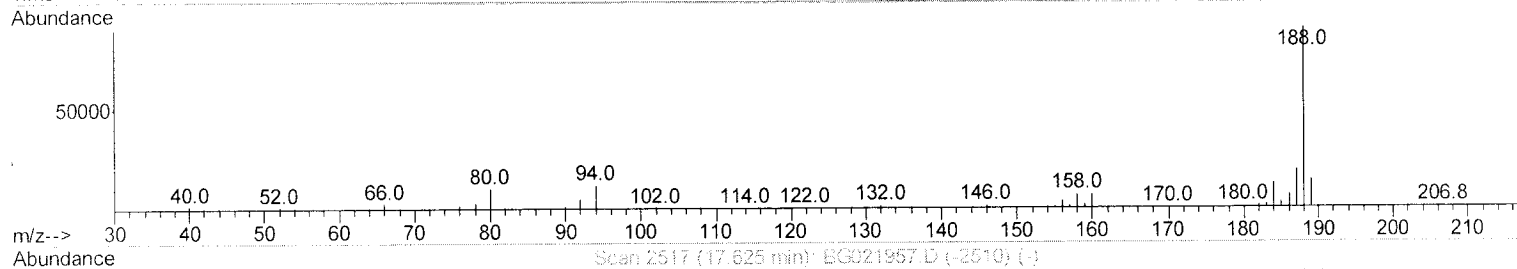
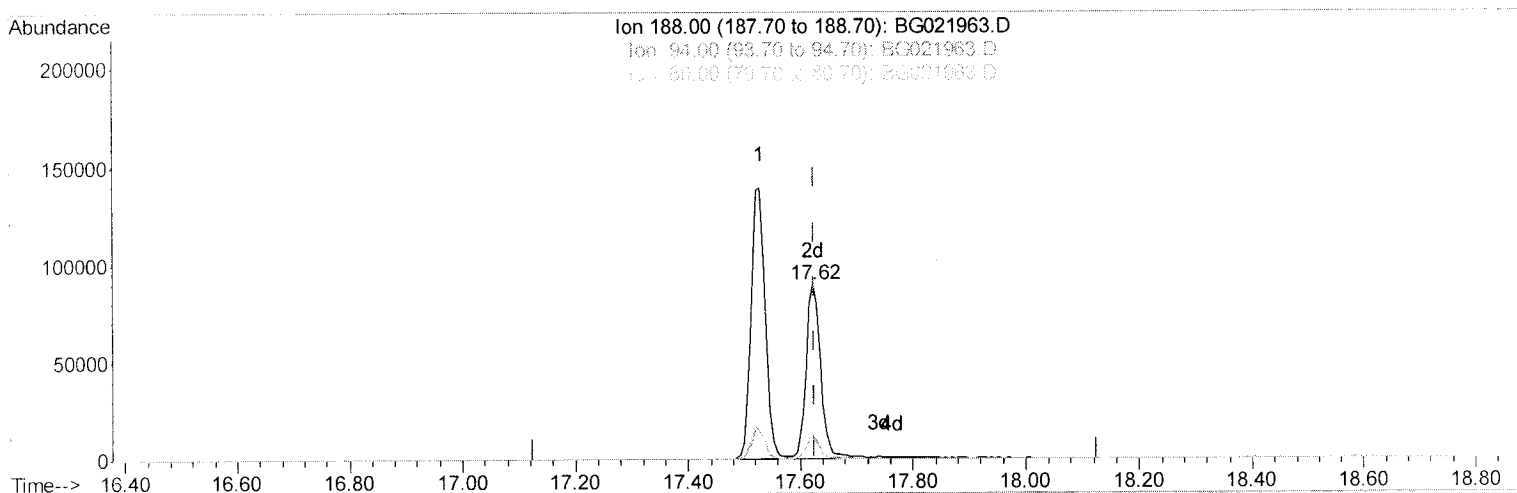
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(26) Anthracene-d10 (S)

17.623min (-0.003) 14.31ng/ul m

response 158228

Ion Exp% Act%

188.00 100 100

94.00 10.70 13.38#

80.00 10.80 11.68

0.00 0.00 0.00

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Quantitation Report (Qedit)

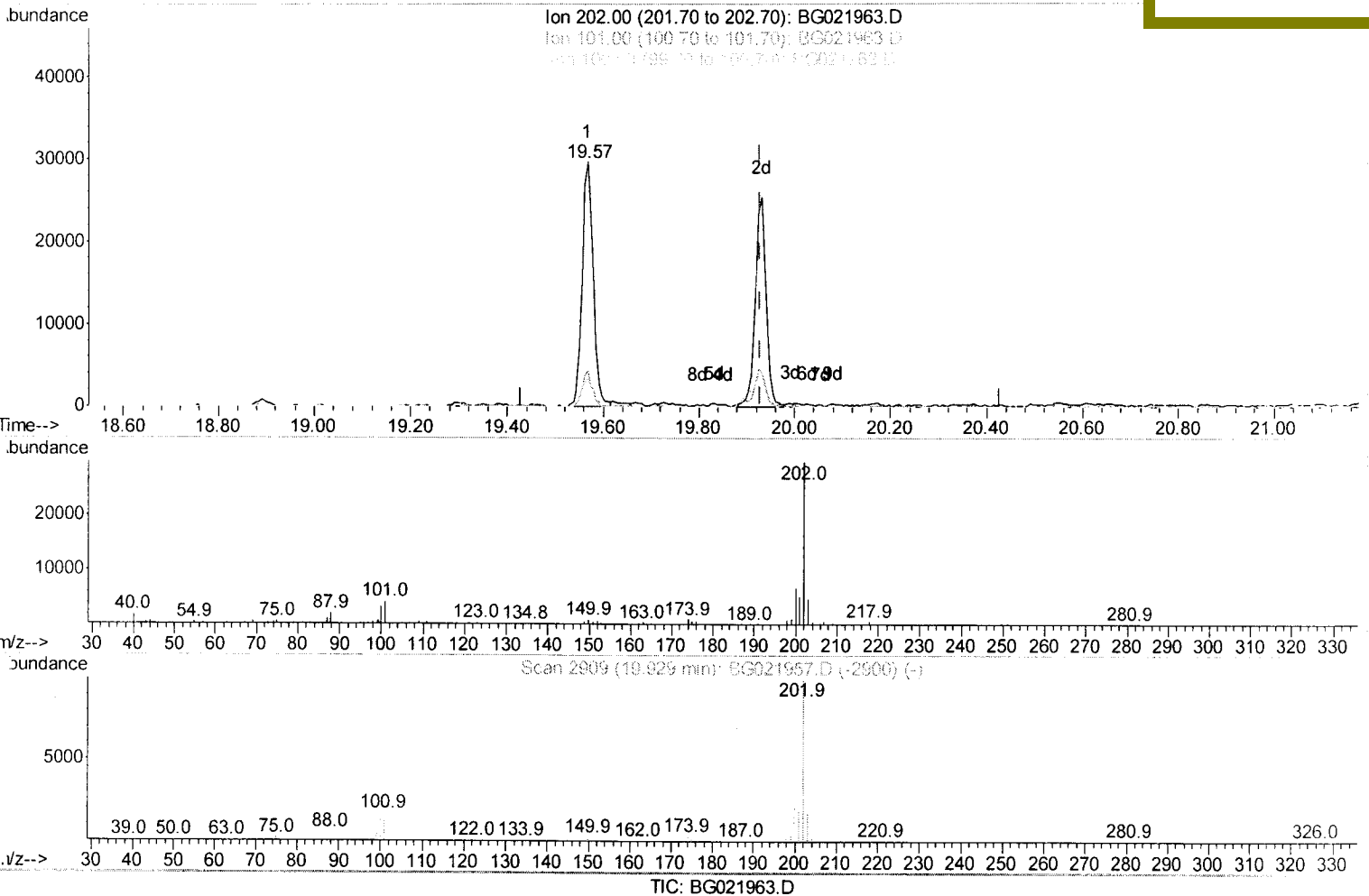
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(31) Pyrene

19.567min (-0.361) 3.32ng/ul

response 47479

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.42
100.00	11.60	11.38
0.00	0.00	0.00

Quantitation Report (Qedit)

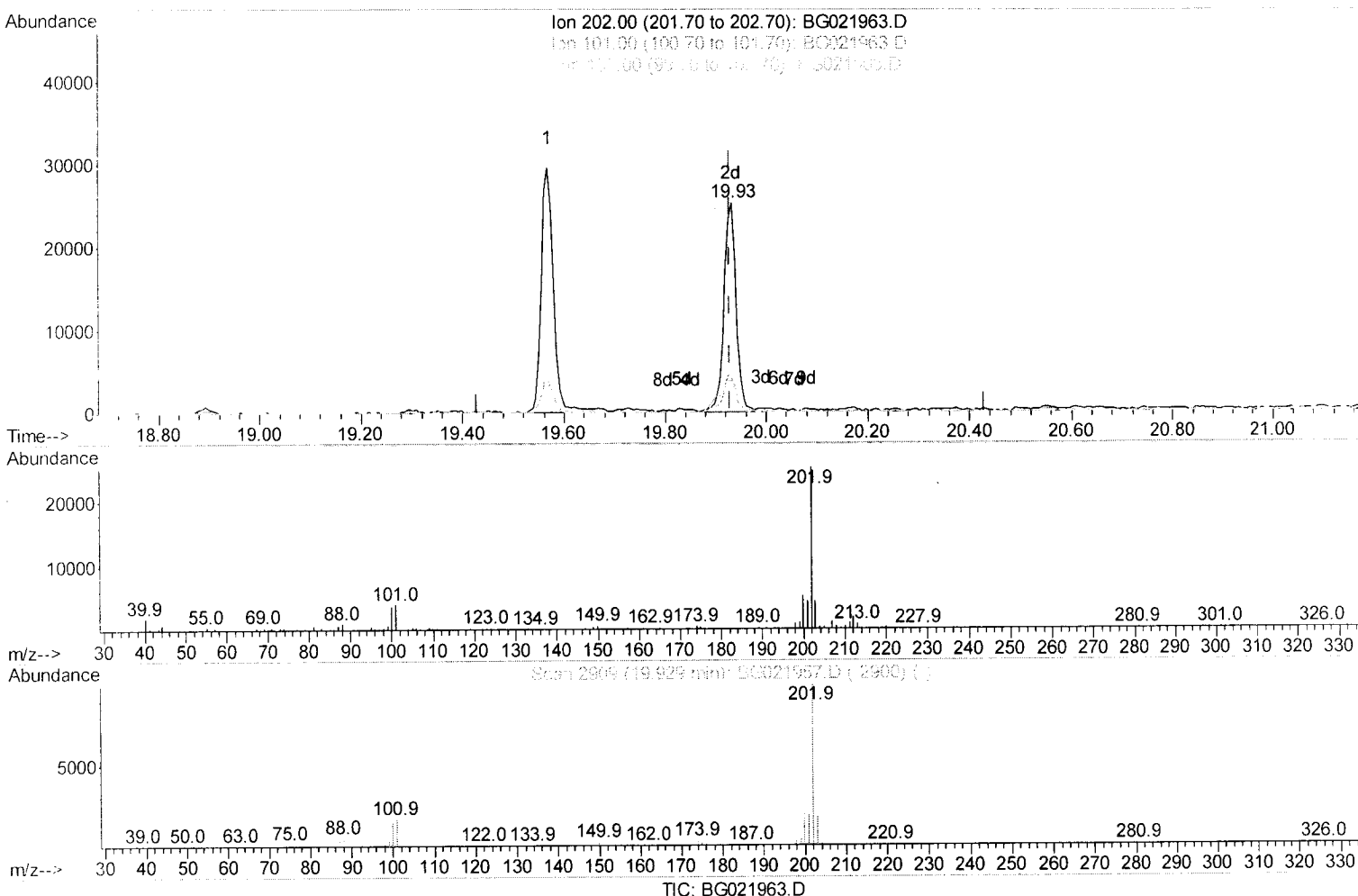
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(31) Pyrene

19.932min (+0.003) 2.90ng/ul m

response 41440

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Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.08#
100.00	11.60	14.76#
0.00	0.00	0.00

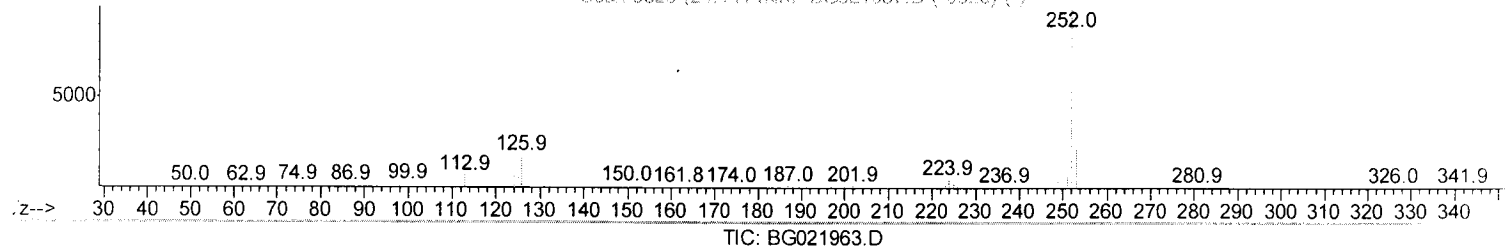
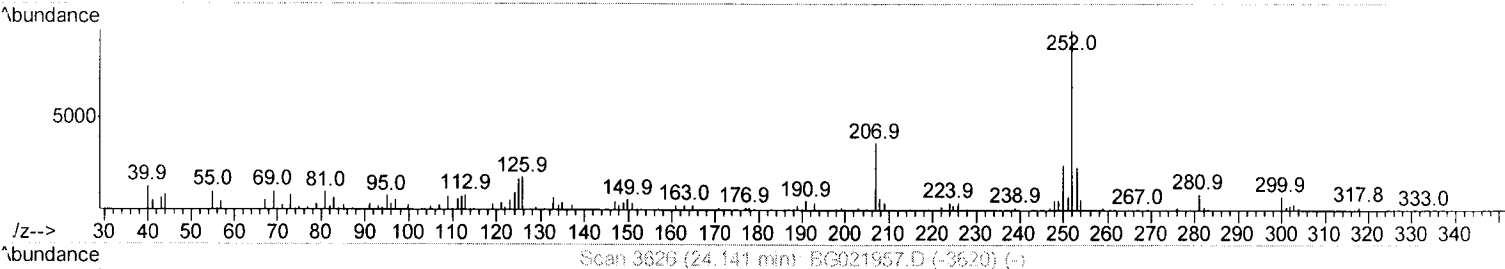
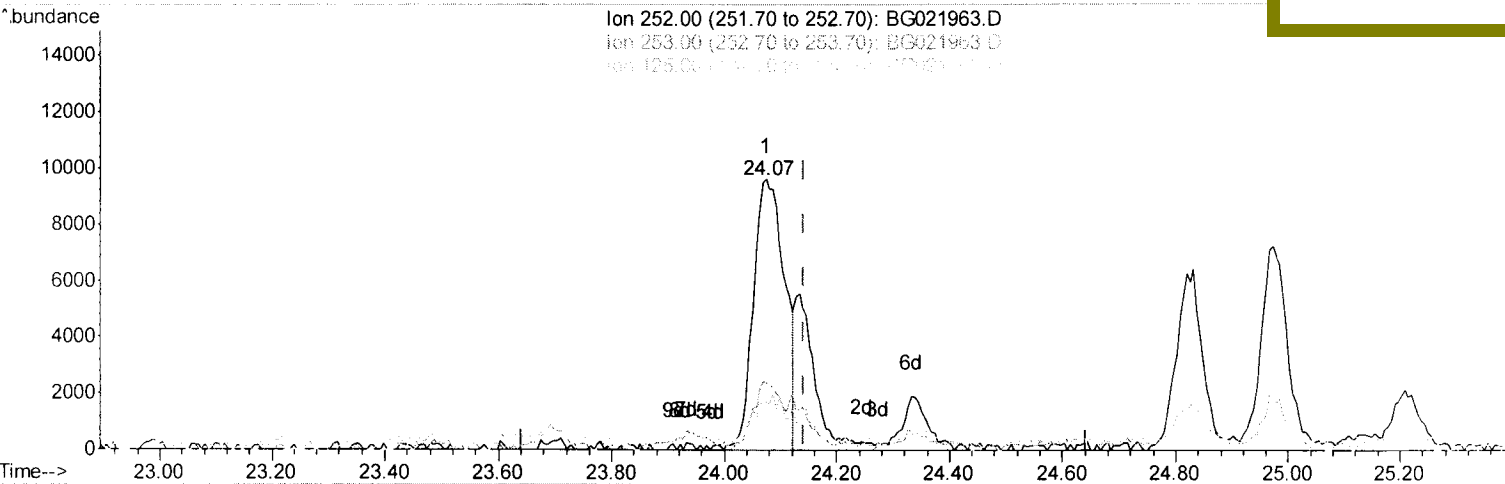
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(36) Benzo(k)fluoranthene

24.074min (-0.067) 3.30ng/ul

response 36874

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.13
125.00	9.60	18.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

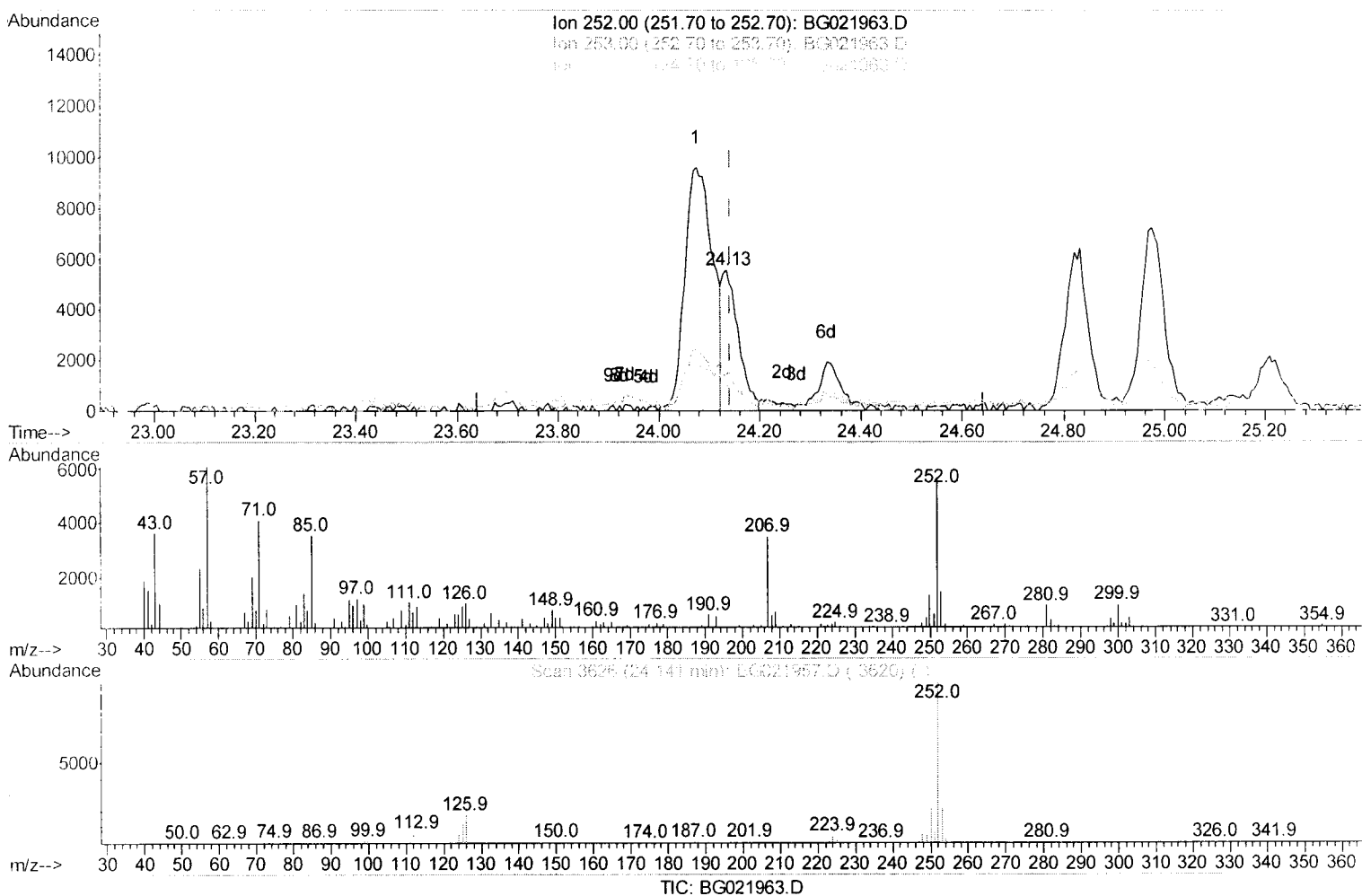
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(36) Benzo(k)fluoranthene

24.133min (-0.009) 1.12ng/ul m

response 12485

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.86
125.00	9.60	16.98#
0.00	0.00	0.00

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Quantitation Report (Qedit)

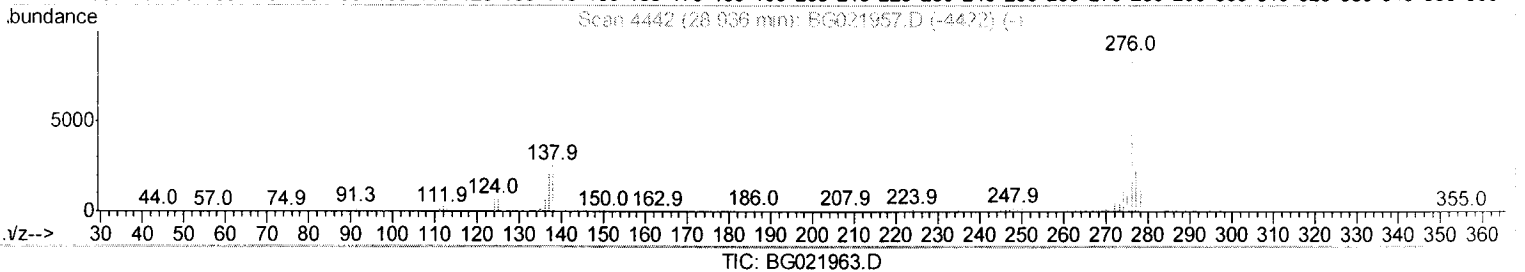
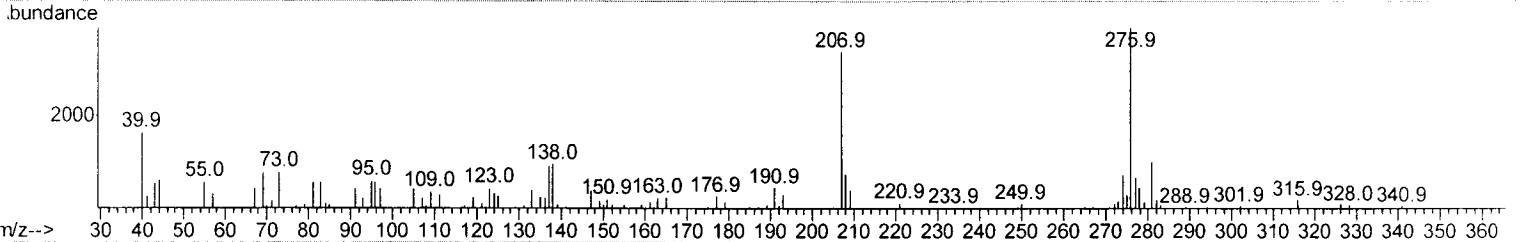
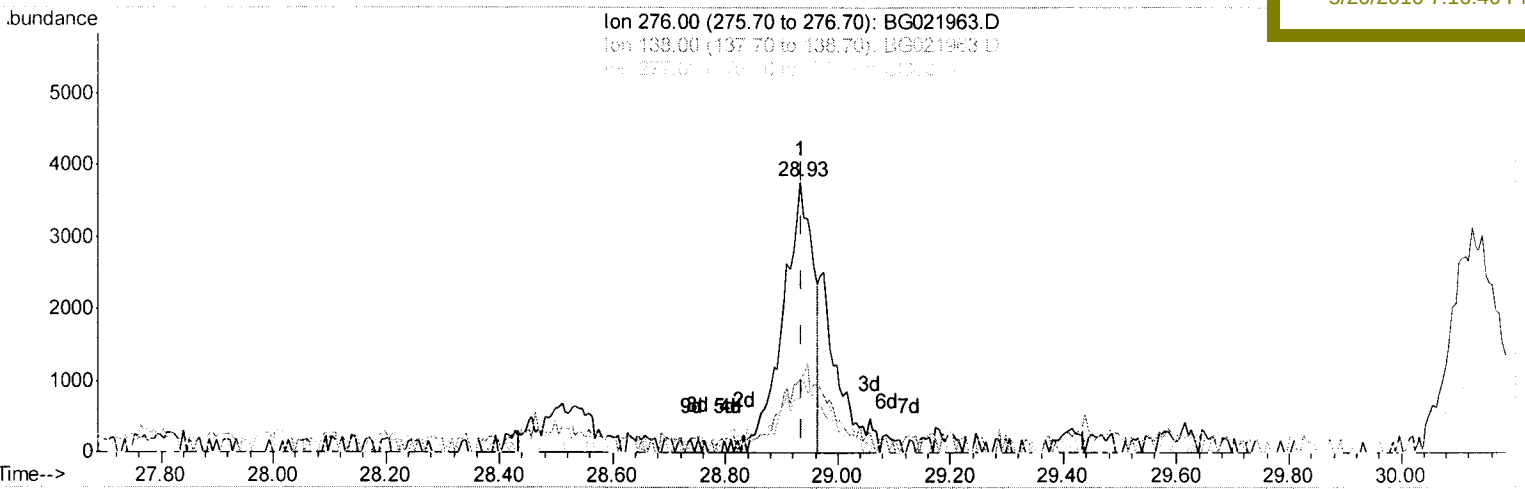
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(39) Indeno(1,2,3-cd)pyrene

28.933min (-0.003) 1.12ng/ul

response 13819

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.54#
277.00	23.80	20.15
0.00	0.00	0.00

Quantitation Report (Qedit)

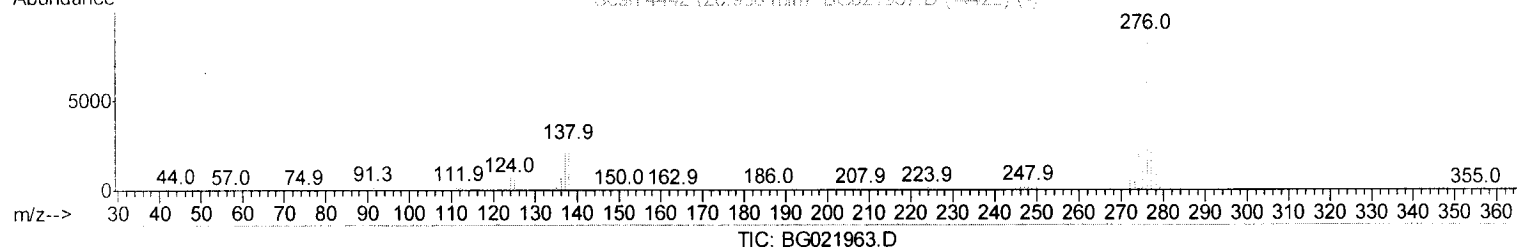
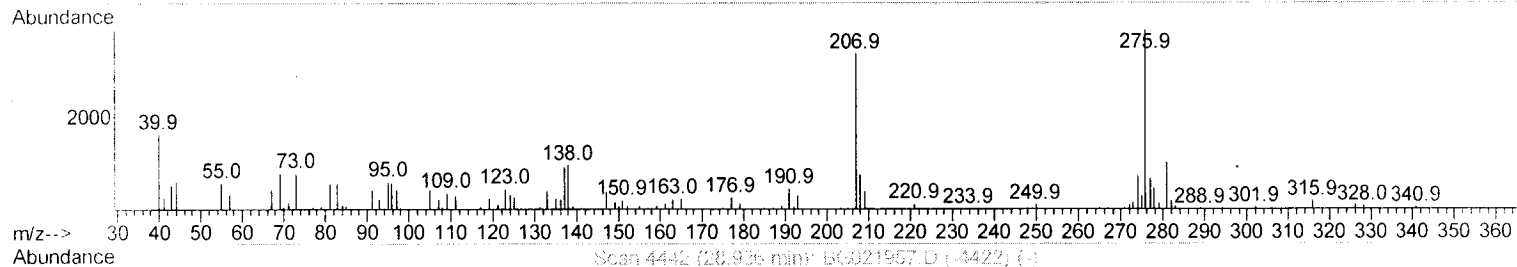
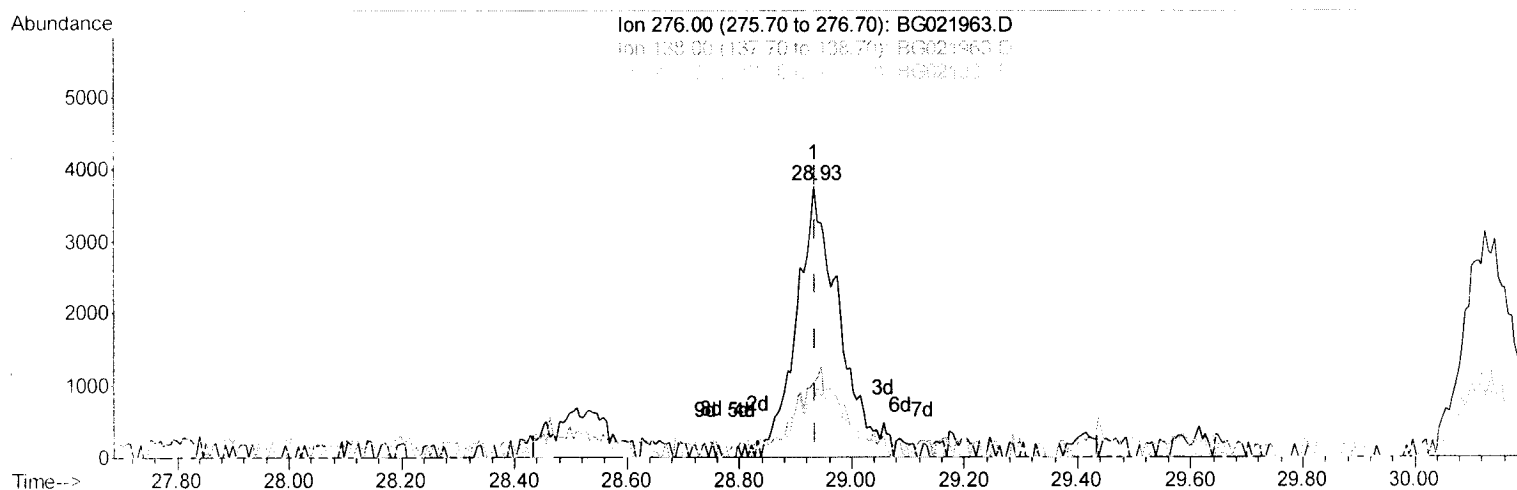
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 Misc :
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(39) Indeno(1,2,3-cd)pyrene

28.933min (-0.003) 1.60ng/ul m

response 19770

Ion Exp% Act%

276.00 100 100

138.00 19.70 27.54#

277.00 23.80 20.15

0.00 0.00 0.00

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Quantitation Report (Qedit)

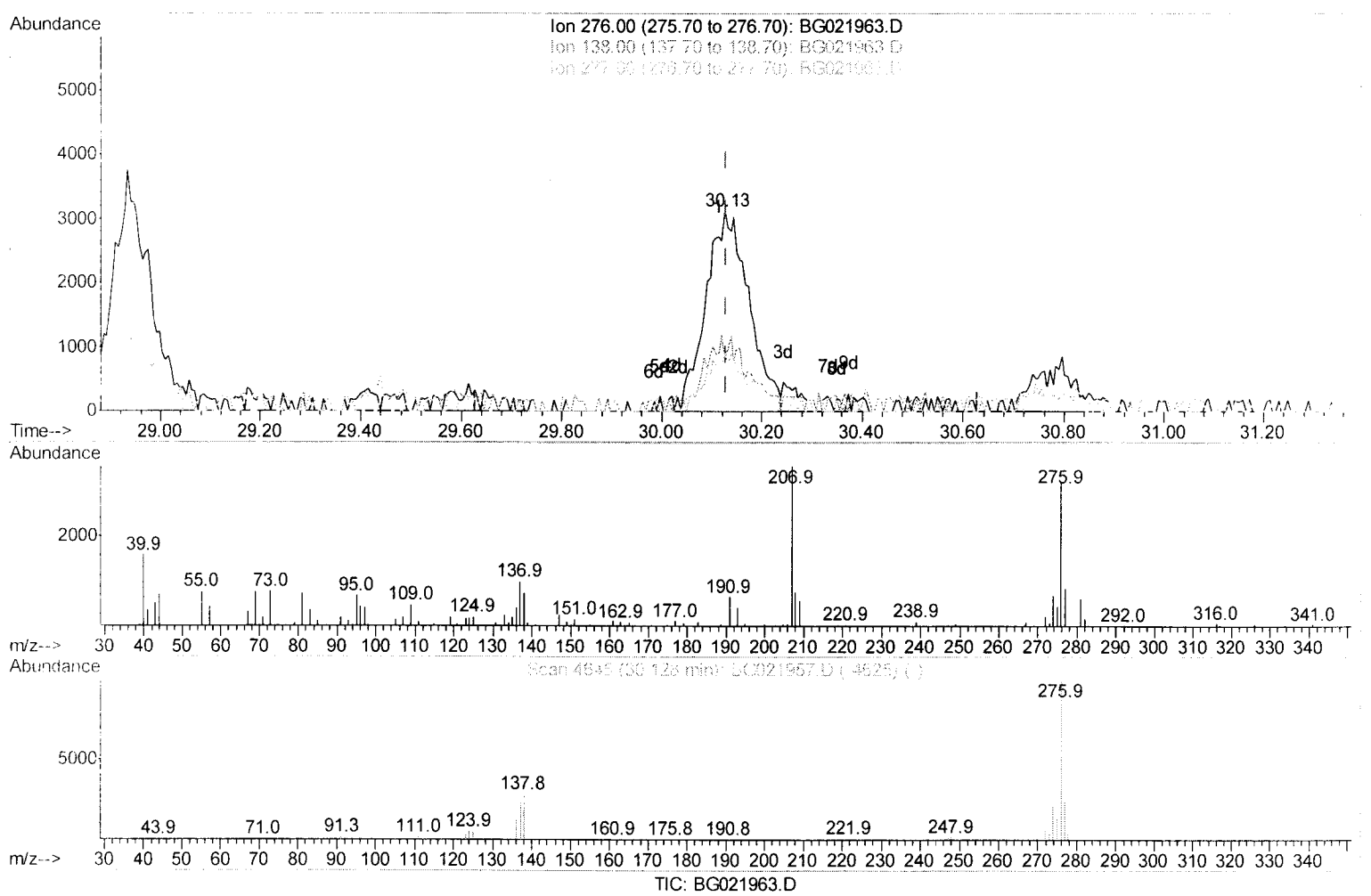
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(41) Benzo(g,h,i)perylene

30.126min (-0.003) 1.78ng/ul m

response 18572

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	26.62#
277.00	24.70	29.15
0.00	0.00	0.00

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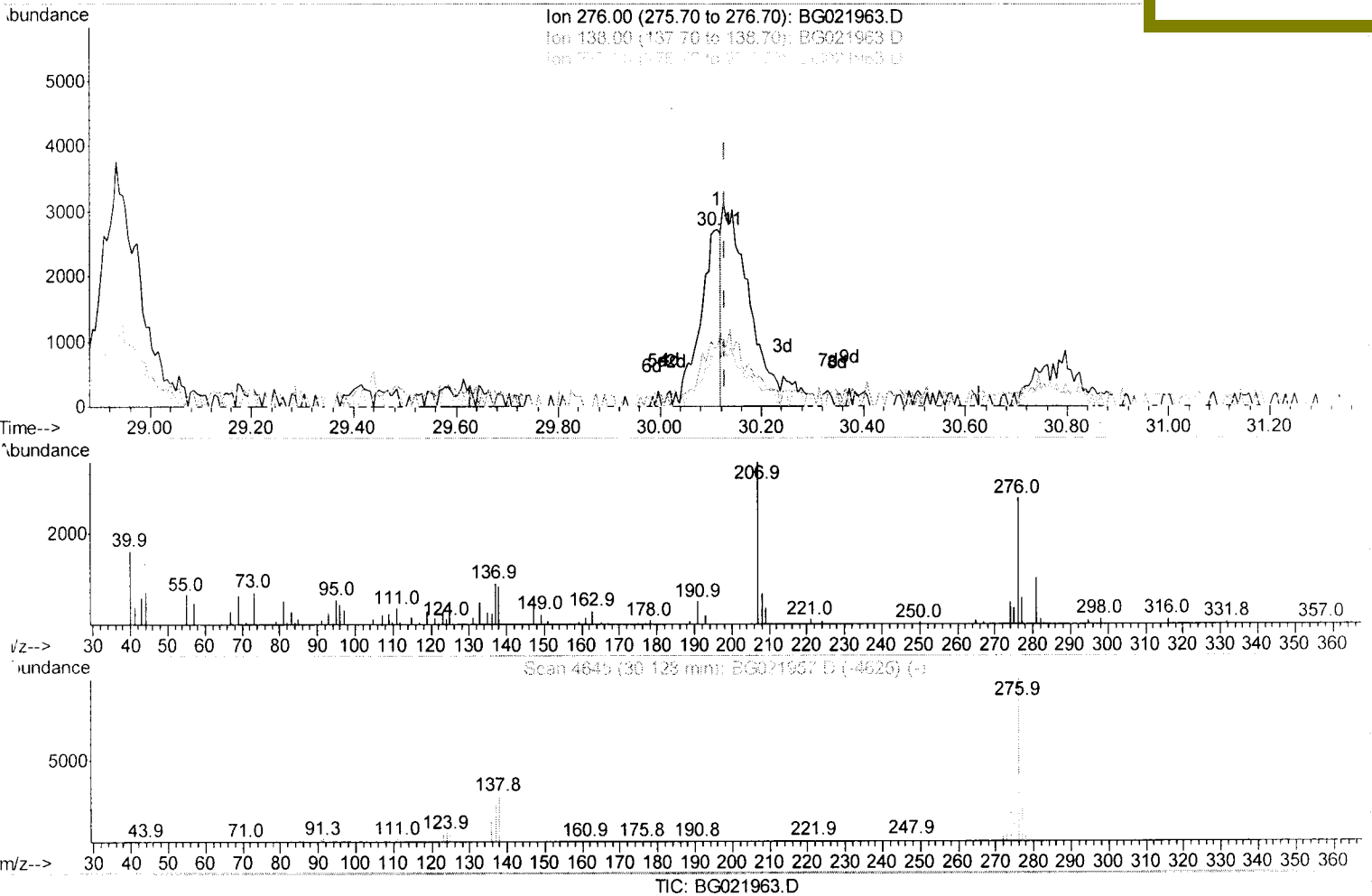
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(41) Benzo(g,h,i)perylene

30.114min (-0.014) 0.73ng/ul

response 7600

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	33.71#
277.00	24.70	25.09
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	39271	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	204533	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	119137	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	239918	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	207352	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	197385	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1943	2.27	ng/uL	0.00
3) Phenol-d5	7.31	99	43275	12.48	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	23191	12.56	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	38363	13.47	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	30679	9.93	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	18548	12.93	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	20254	13.23	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	34229	12.65	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	27622	12.96	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	126540	13.78	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	170306	14.39	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	7991m	4.95	ng/ul	0.02
21) Fluorene-d10	15.77	176	112196	13.57	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.88	200	10103	8.49	ng/ul	0.00
26) Anthracene-d10	17.62	188	158228m	14.31	ng/ul	0.00
30) Pvrene-d10	19.90	212	163118	14.91	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	128734	14.69	ng/ul	0.00

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Target Compounds

					Ovalue	
25) Phenanthrene	17.57	178	20956	1.63	ng/ul	97
28) Fluoranthene	19.57	202	47479	3.56	ng/ul#	92
31) Pvrene	19.93	202	41440m	2.90	ng/ul	
32) Benzo(a)anthracene	21.78	228	25418	2.21	ng/ul	98
33) Chrysene	21.85	228	23856	2.13	ng/ul	94
35) Benzo(b)fluoranthene	24.07	252	36874	3.25	ng/ul#	89
36) Benzo(k)fluoranthene	24.13	252	12485m	1.12	ng/ul	
38) Benzo(a)pvrene	24.97	252	23876	2.20	ng/ul#	84
39) Indeno(1,2,3-cd)pvrene	28.93	276	19770m	1.60	ng/ul	
41) Benzo(g,h,i)perylene	30.13	276	18572m	1.78	ng/ul	

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