

Quantitation Report (QT Reviewed)

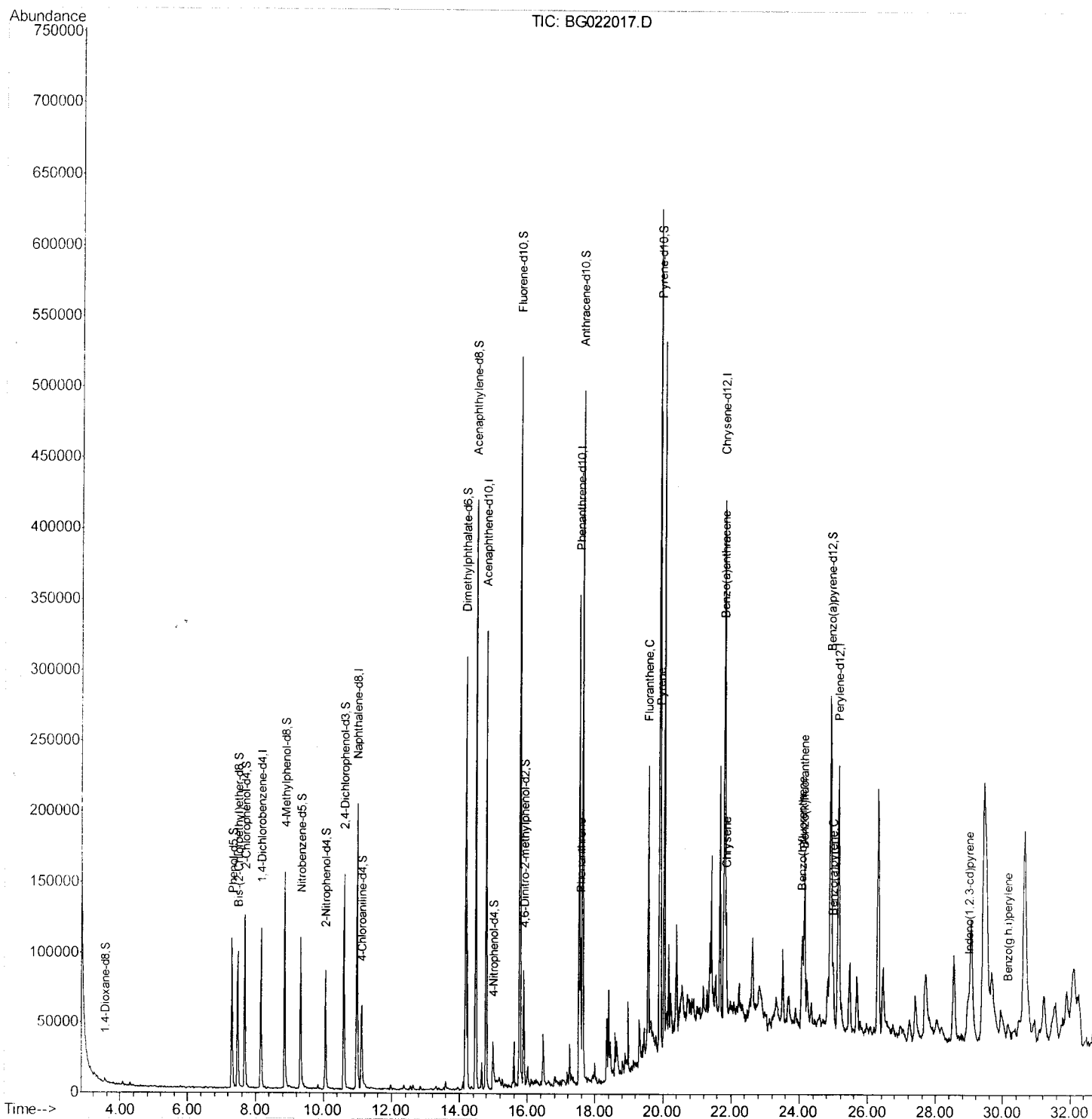
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022017.D
 Acq On : 22 May 2016 18:02
 Operator : UM/SJ
 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 D9XJ8

Manual Integrations
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 5/24/2016 7:32:58 PM

Quant Time: May 24 10:00:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

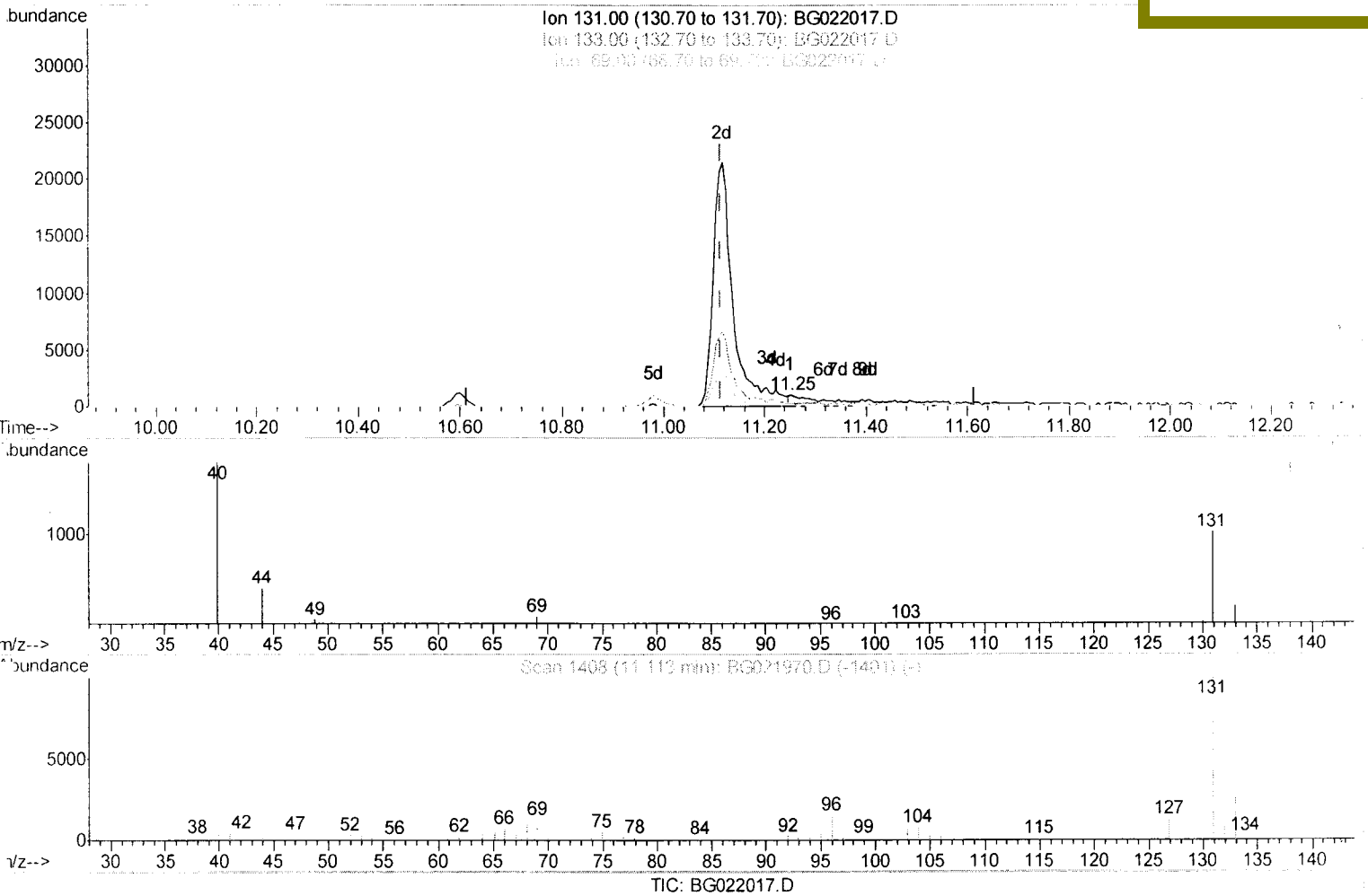
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022017.D
 Acq On : 22 May 2016 18:02
 Operator : UM/SJ
 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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(12) 4-Chloroaniline-d4 (S)

11.252min (+0.139) 0.68ng/ul

response 1574

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.11
69.00	23.00	21.59
0.00	0.00	0.00

Quantitation Report (Qedit)

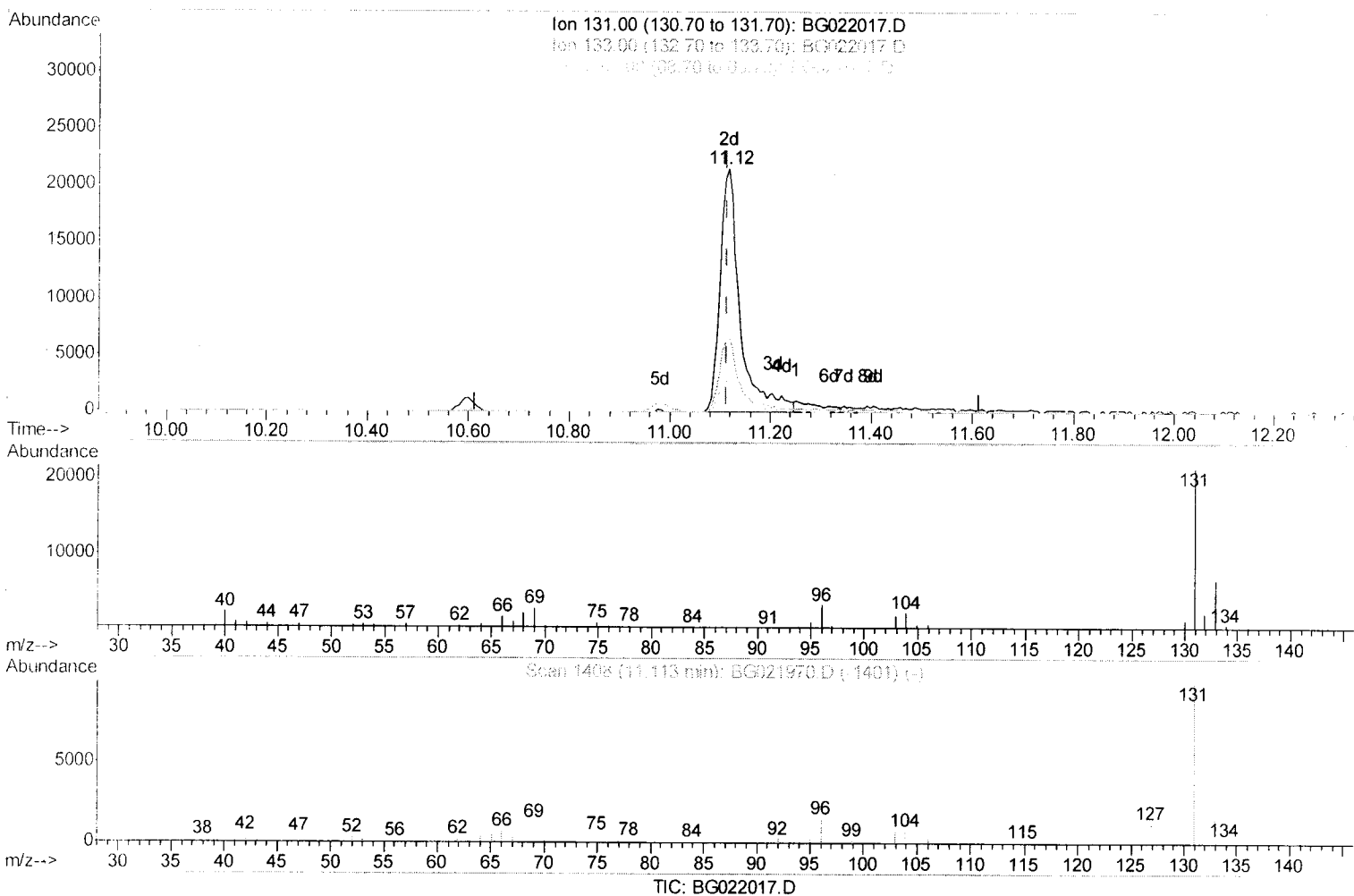
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022017.D
 Acq On : 22 May 2016 18:02
 Operator : UM/SJ
 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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(12) 4-Chloroaniline-d4 (S)

11.116min (+0.004) 25.36ng/ul m

response 58763

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.76
69.00	23.00	12.65#
0.00	0.00	0.00

0.00
 0.512516

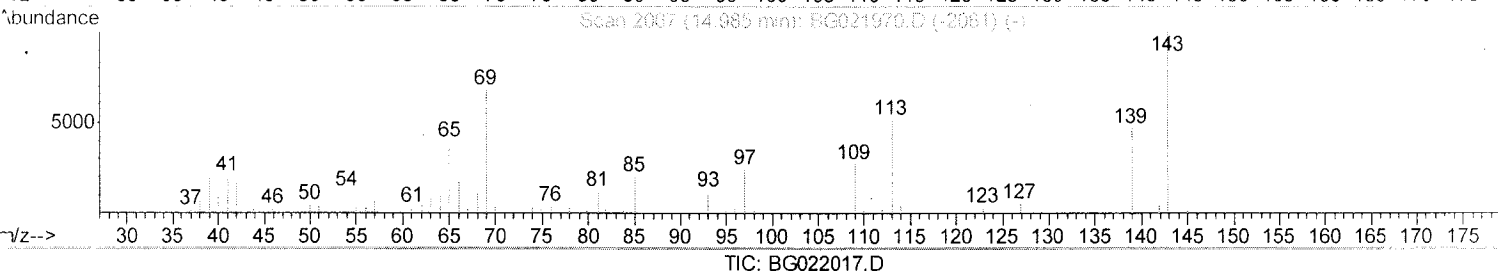
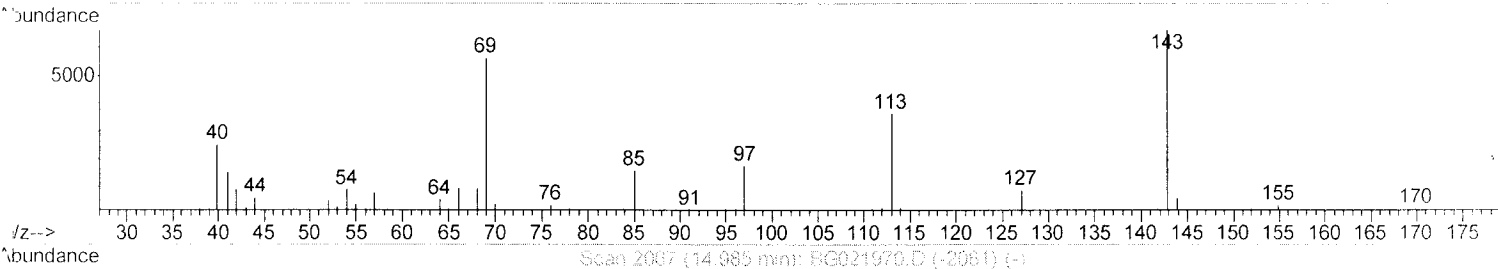
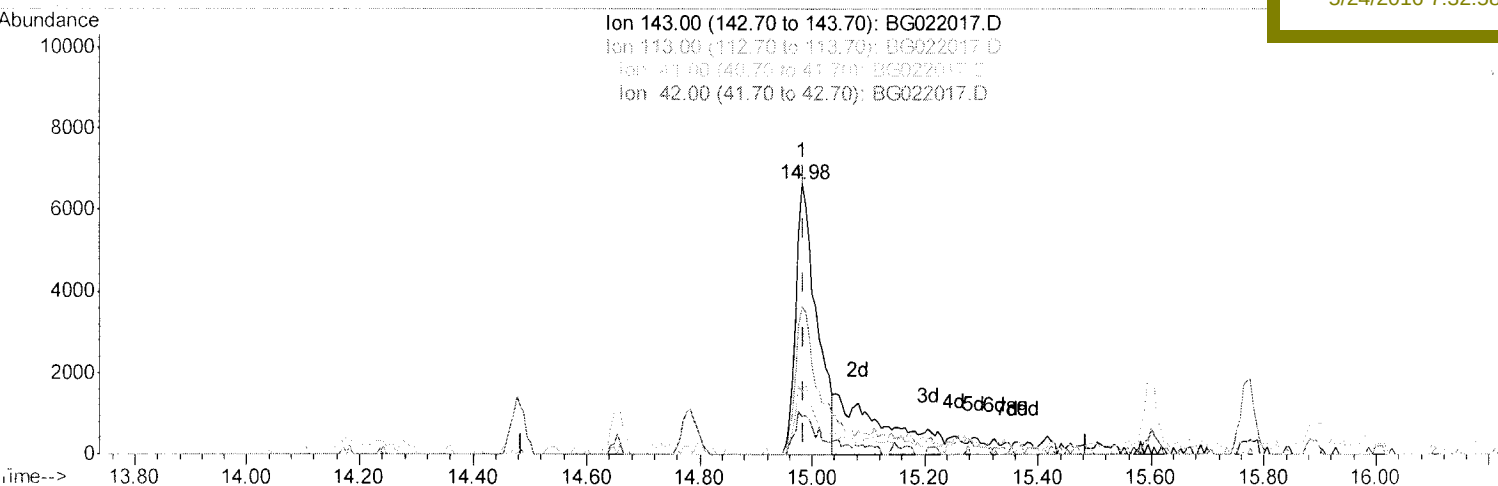
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
Data File : BG022017.D
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TIC: BG022017.D

(20) 4-Nitrophenol-d4 (S)

14.982min (-0.002) 10.28ng/ul

response 16891

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	54.91#
41.00	49.70	23.21#
42.00	33.70	13.96#

Quantitation Report (Qedit)

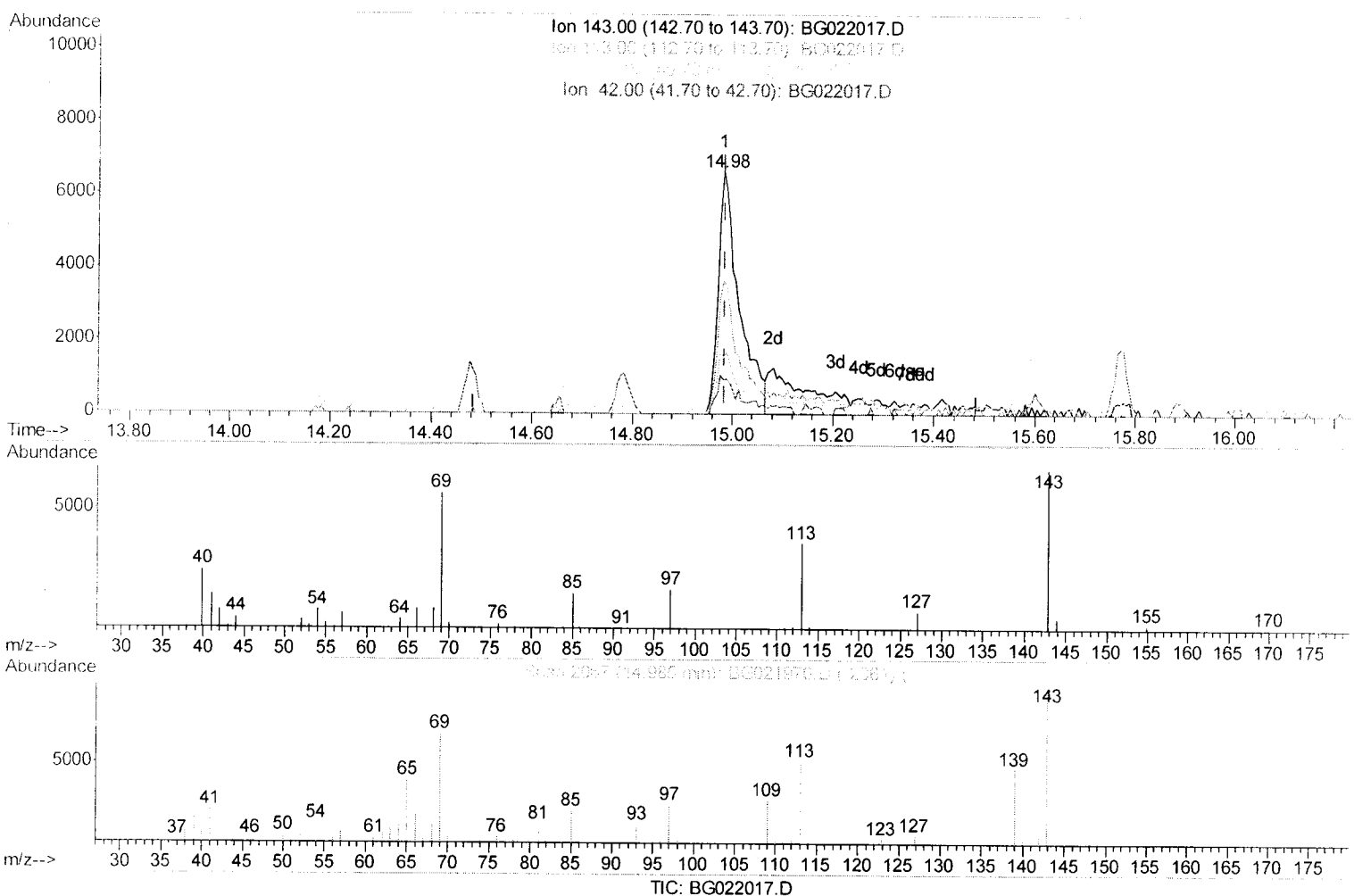
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(20) 4-Nitrophenol-d4 (S)

14.982min (-0.002) 11.61ng/ul m

response 19080

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	54.91#
41.00	49.70	23.21#
42.00	33.70	13.96#

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Quantitation Report (Qedit)

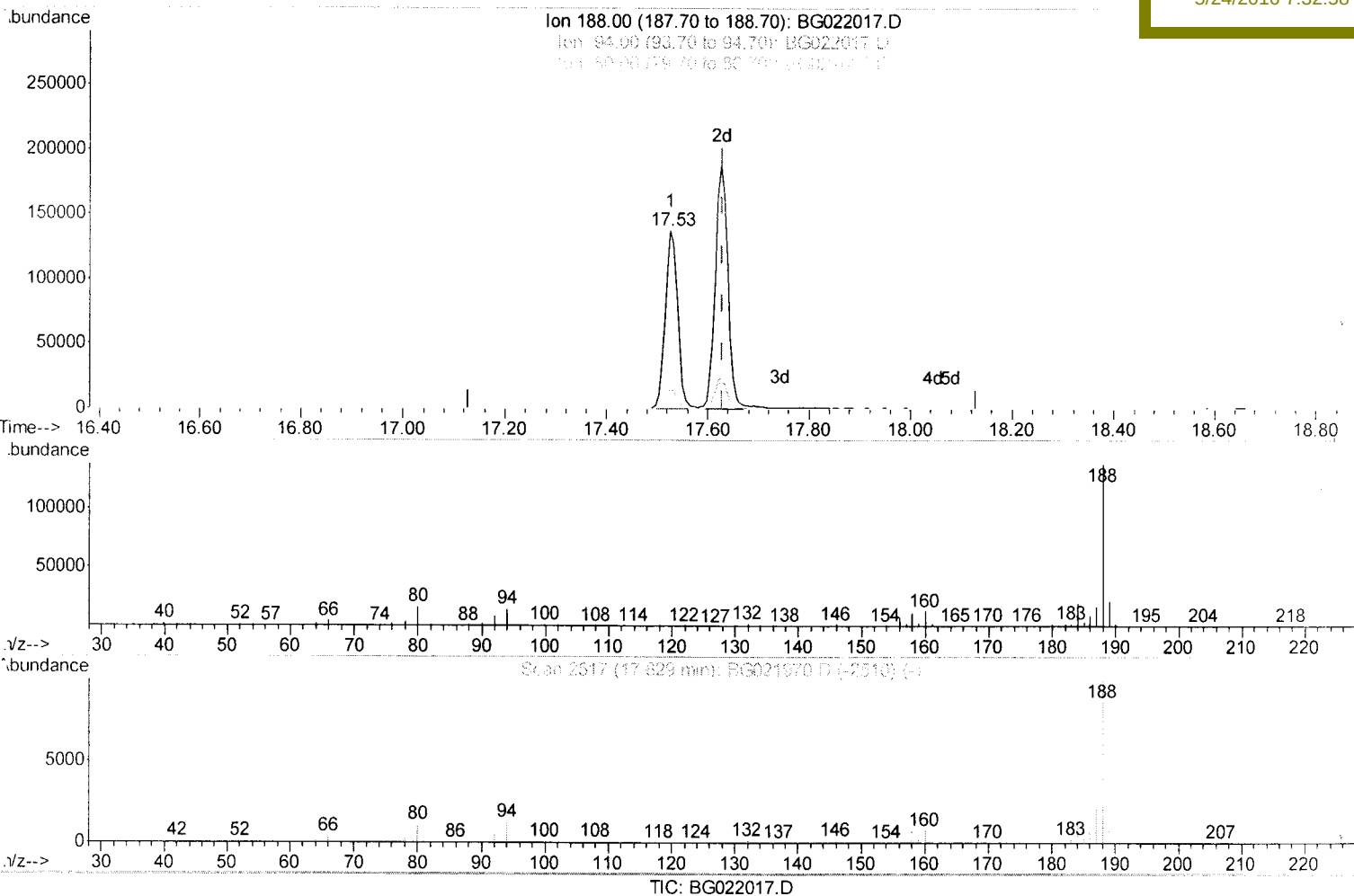
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(26) Anthracene-d10 (S)

17.527min (-0.102) 21.70ng/ul

response 231657

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	10.53
80.00	10.80	11.91
0.00	0.00	0.00

Quantitation Report (Qedit)

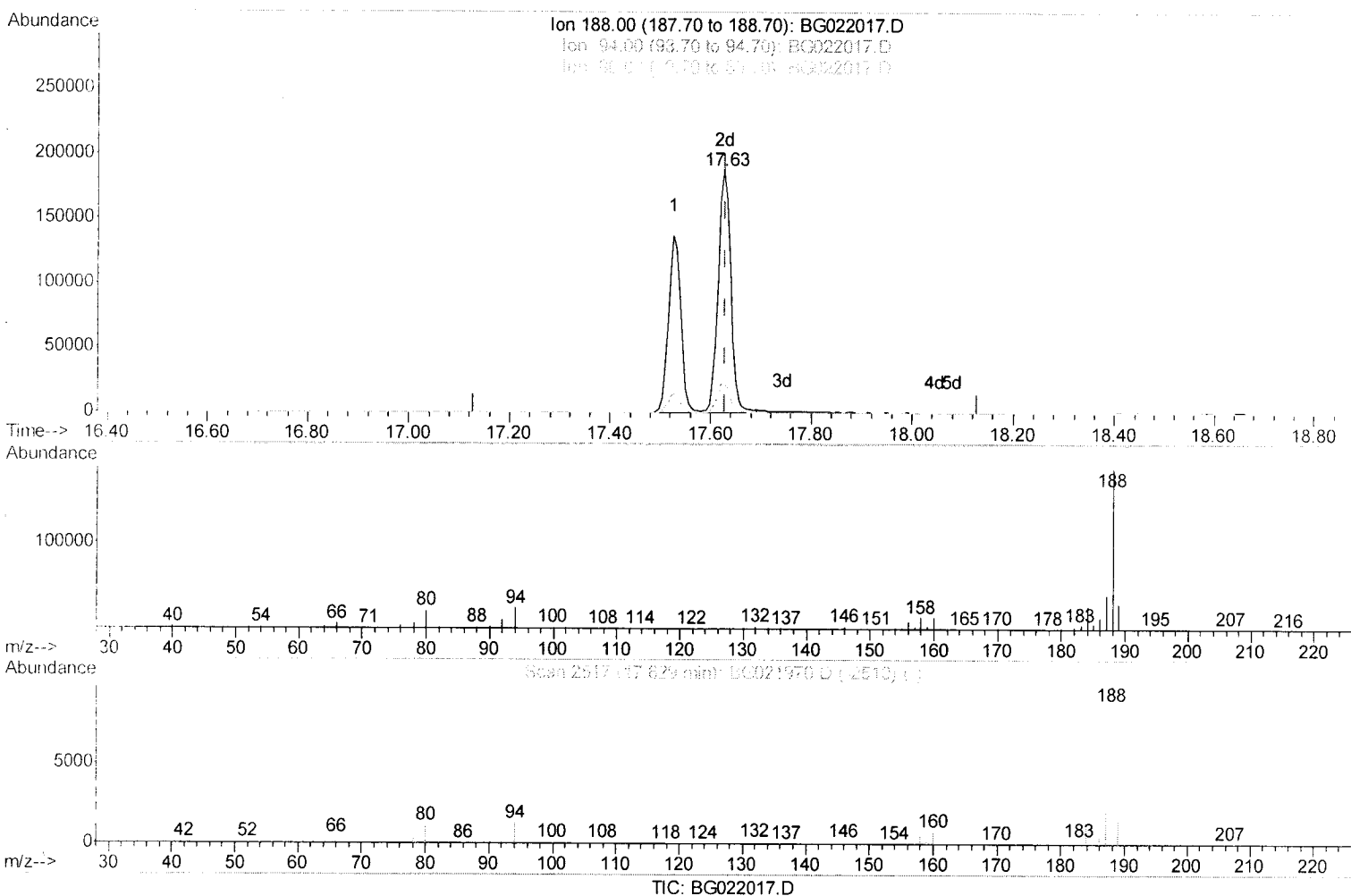
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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(26) Anthracene-d10 (S)

17.626min (-0.002) 30.20ng/ul m $\rightarrow$ o.m.
 05/25/16

response 322286

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	12.86#
80.00	10.80	11.07
0.00	0.00	0.00

Quantitation Report (Qedit)

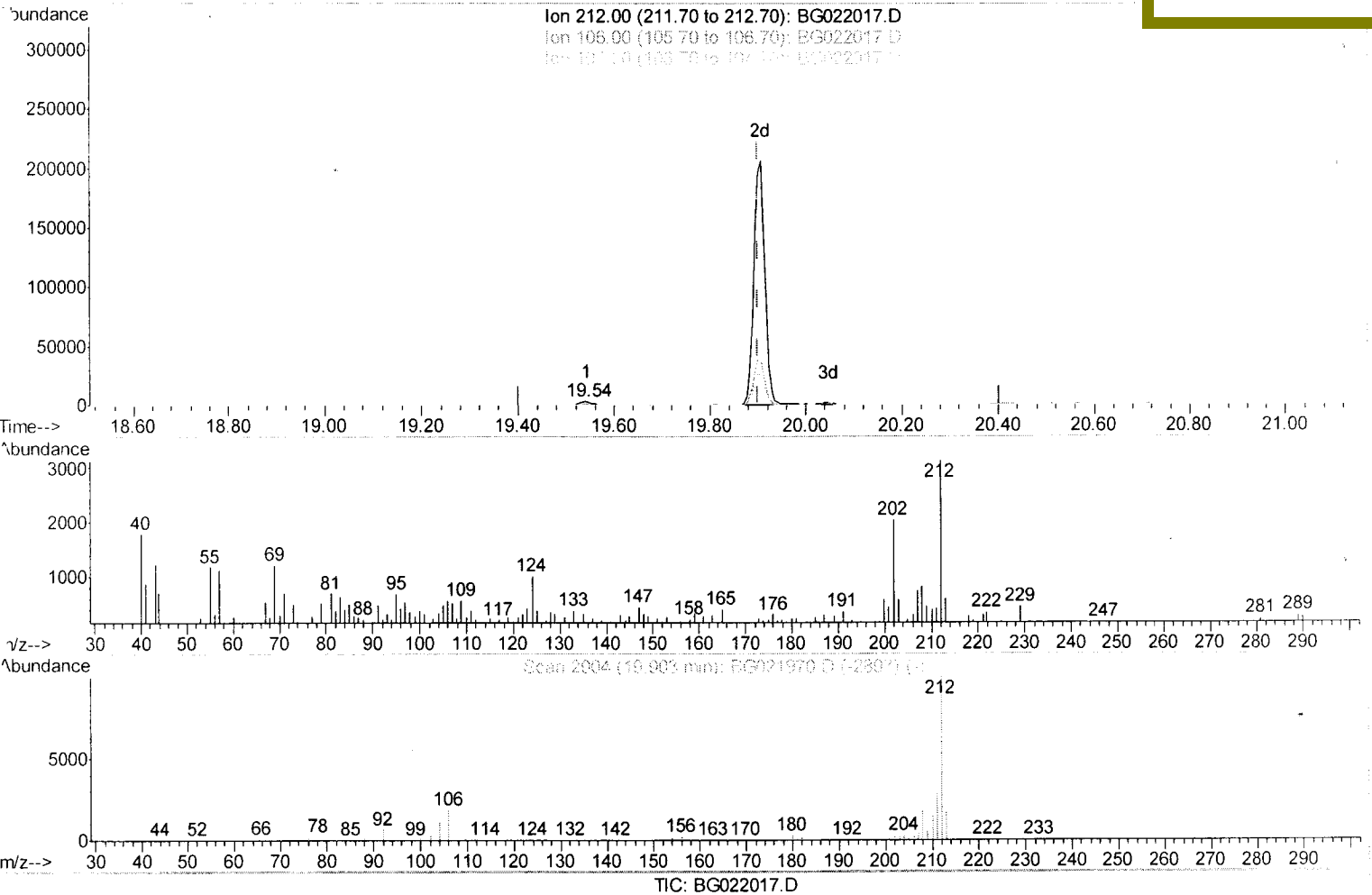
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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 Operator : UM/SJ
 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(30) Pyrene-d10 (S)

19.542min (-0.361) 0.47ng/ul

response 5110

Ion	Exp%	Act%
212.00	100	100
106.00	15.30	17.83
104.00	9.40	10.45
0.00	0.00	0.00

Quantitation Report (Qedit)

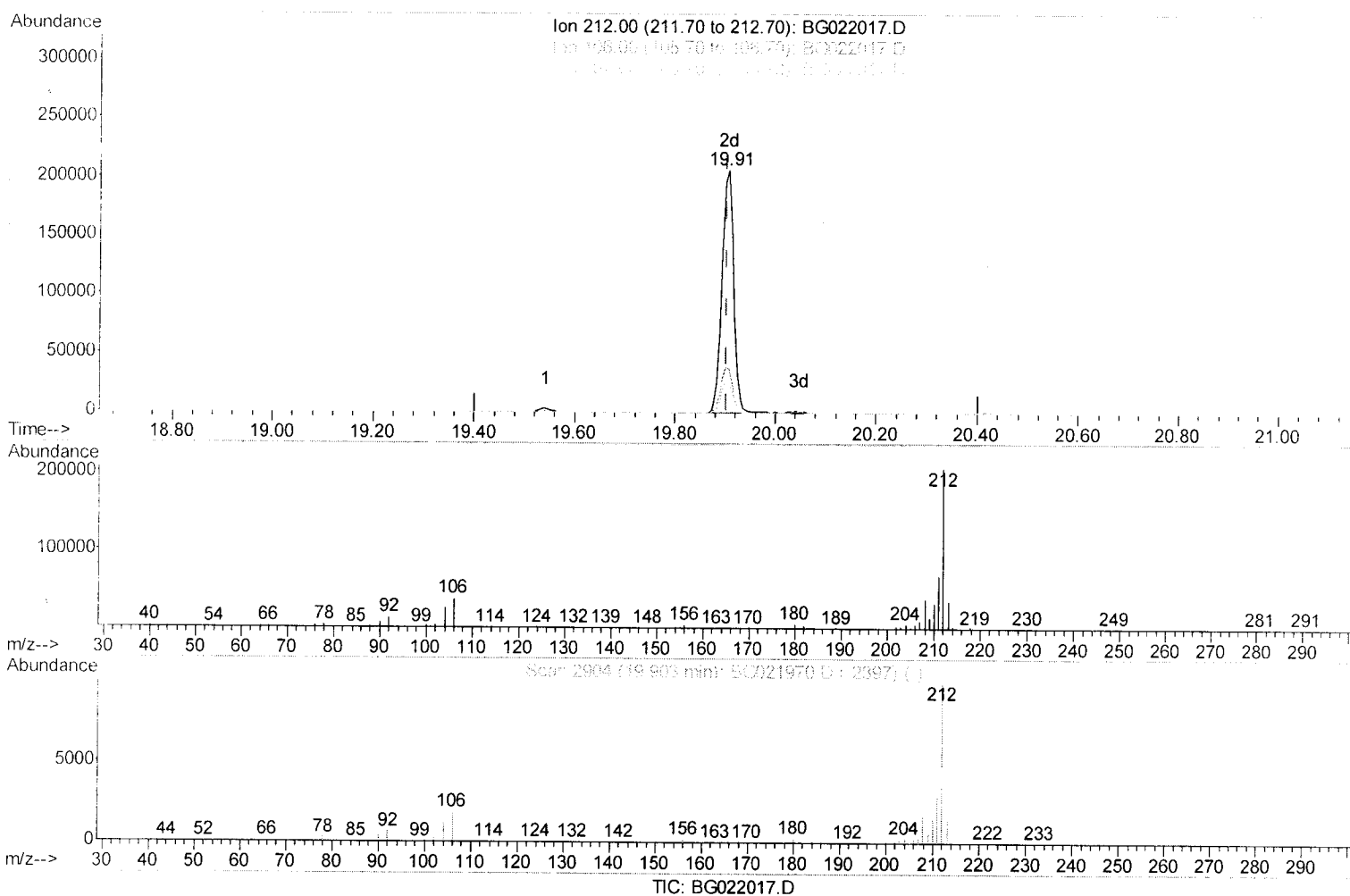
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022017.D
 Acq On : 22 May 2016 18:02
 Operator : UM/SJ
 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(30) Pyrene-d10 (S)

19.906min (+0.004) 29.95ng/ul m

response 325187

Ion	Exp%	Act%
212.00	100	100
106.00	15.30	18.00
104.00	9.40	12.18#
0.00	0.00	0.00

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 05/25/16

Quantitation Report (Qedit)

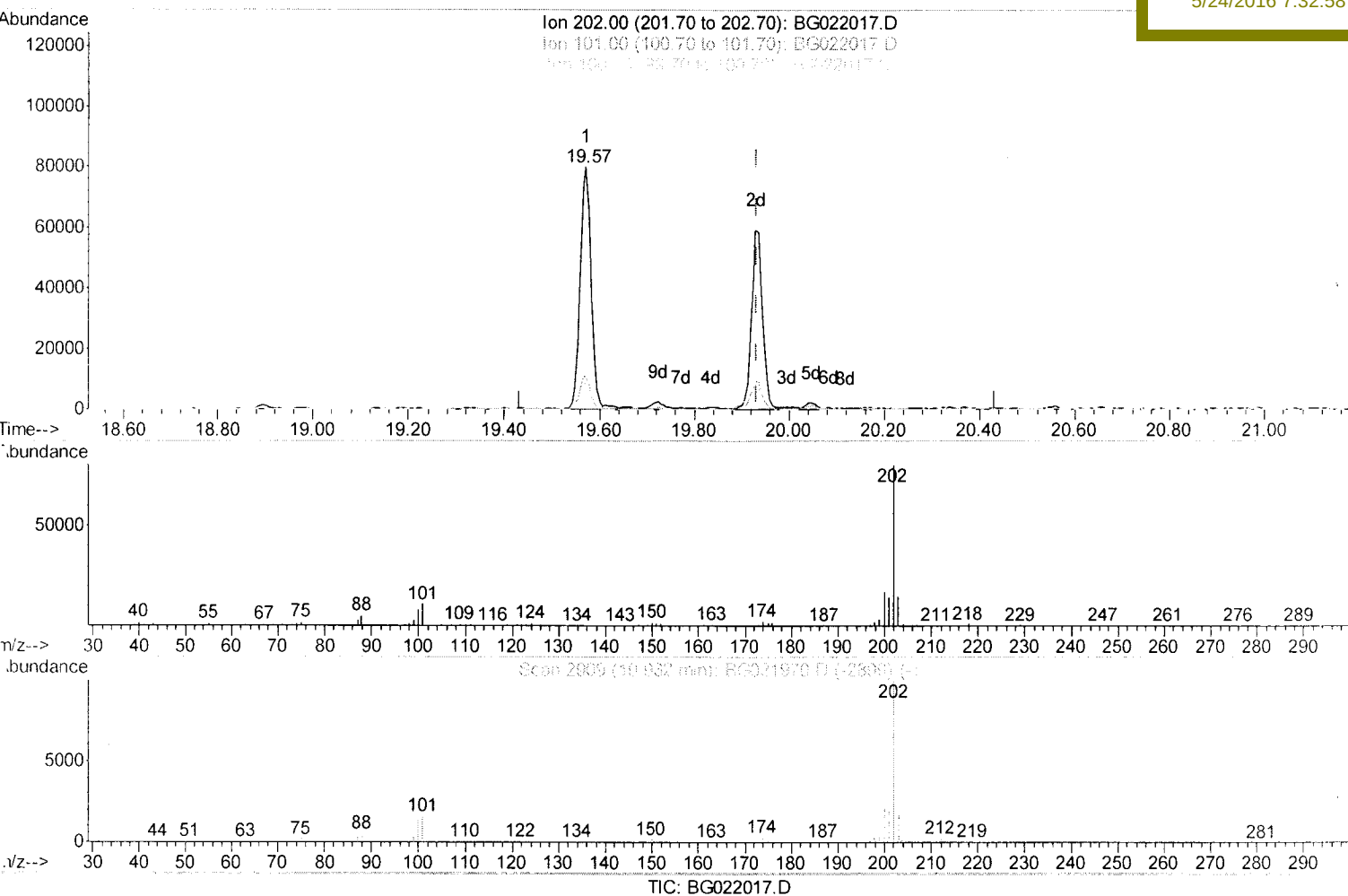
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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Sample : H3204-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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(31) Pyrene

19.571min (-0.361) 8.98ng/ul

response 127289

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.64
100.00	11.60	10.67
0.00	0.00	0.00

Quantitation Report (Qedit)

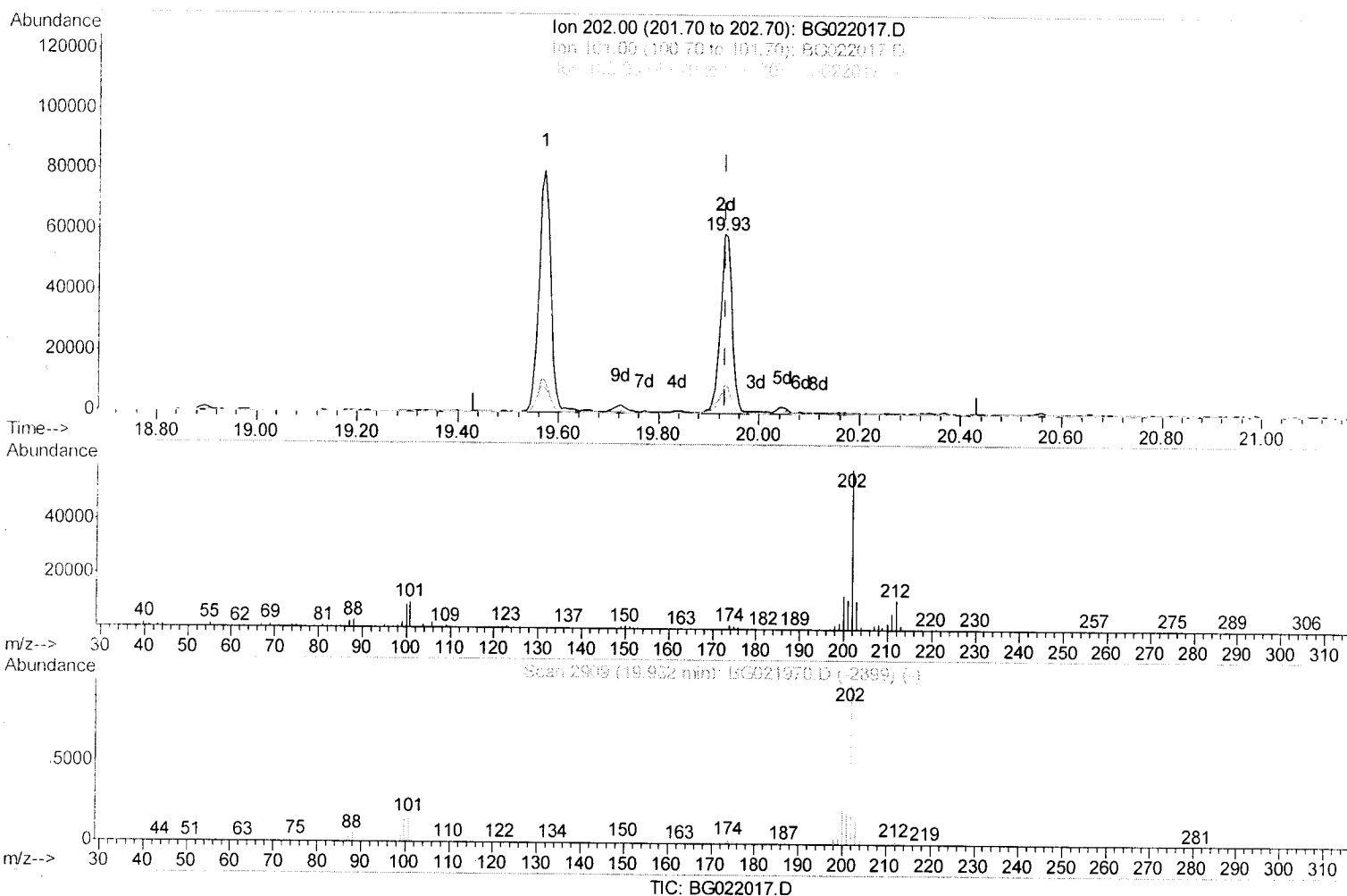
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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(31) Pyrene

19.930min (-0.002) 6.82ng/ul m $\rightarrow$ u.m.
 response 96622 05795116

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.24#
100.00	11.60	14.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

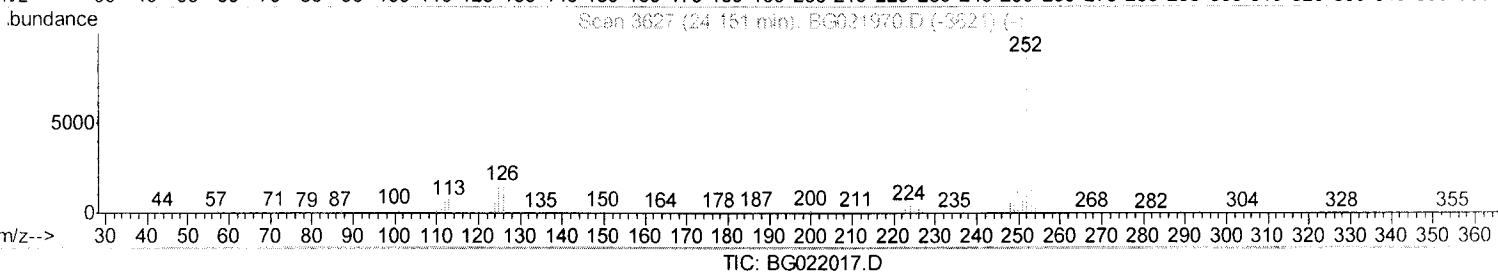
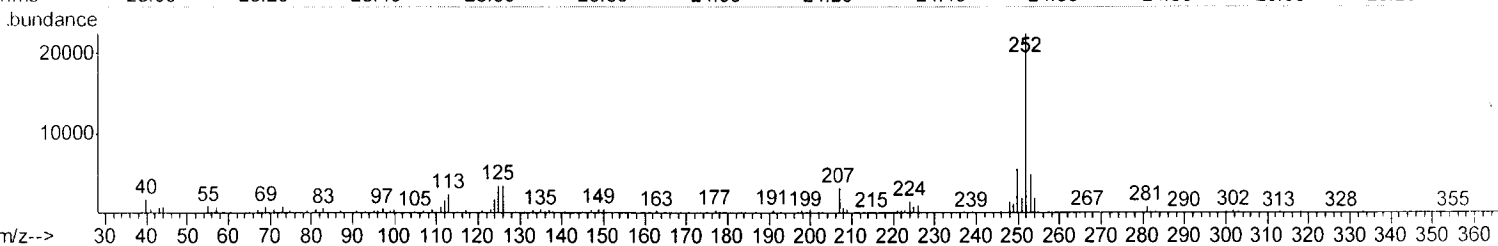
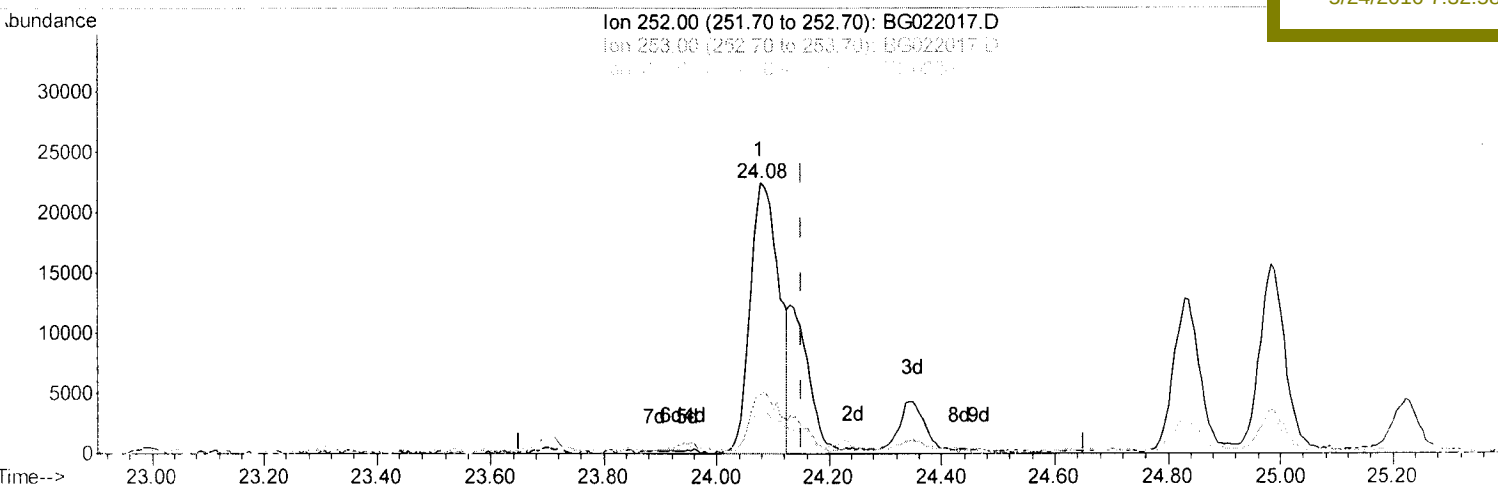
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
Data File : BG022017.D
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Operator : UM/SJ
Sample : H3204-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG022017.D

(36) Benzo(k)fluoranthene

24.078min (-0.073) 7.41ng/ul

response 80432

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.06
125.00	9.60	15.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

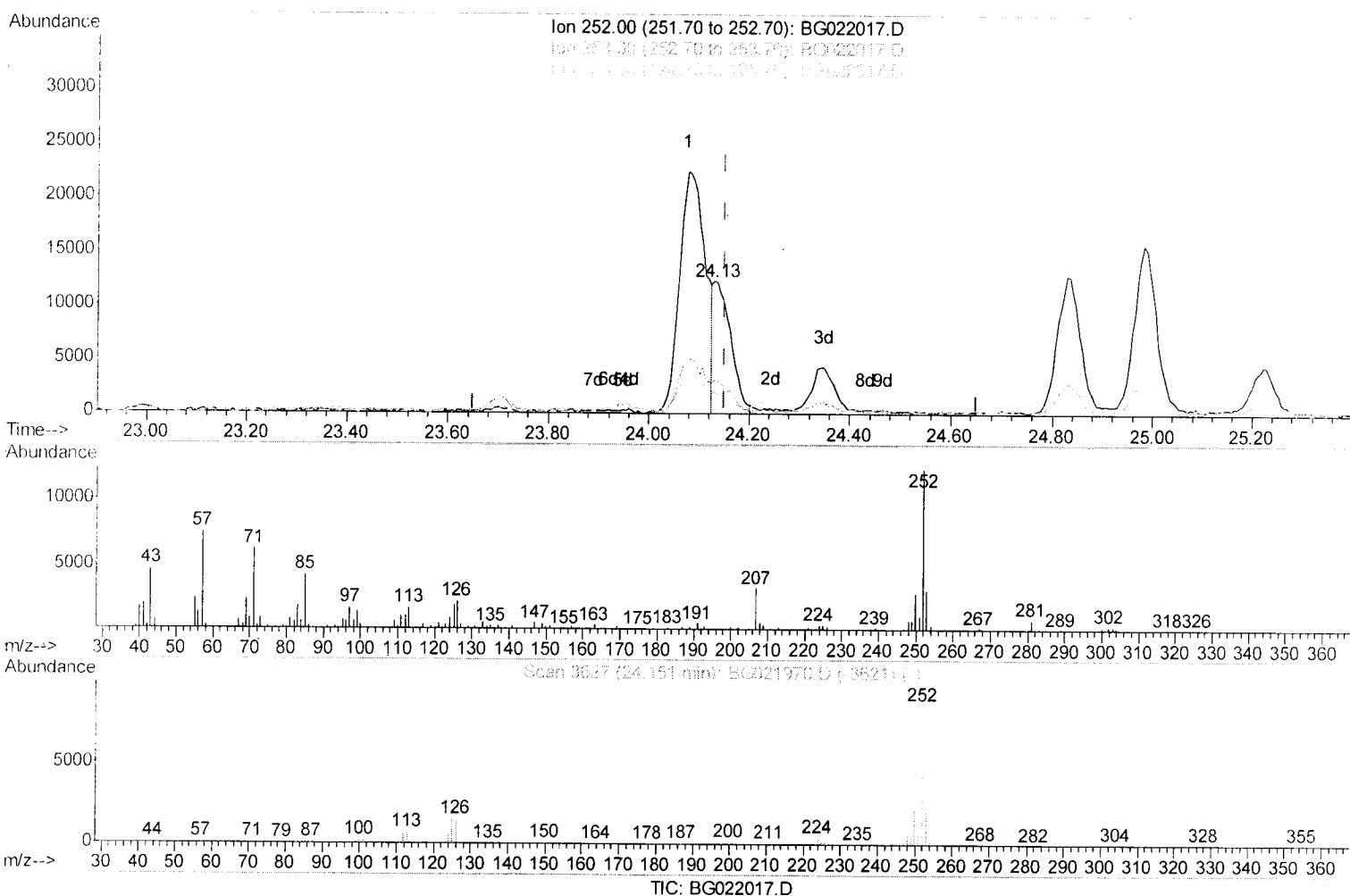
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 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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(36) Benzo(k)fluoranthene

24.131min (-0.020) 2.67ng/ul m) u.m.
 response 29014 05/25/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.42
125.00	9.60	16.15#
0.00	0.00	0.00

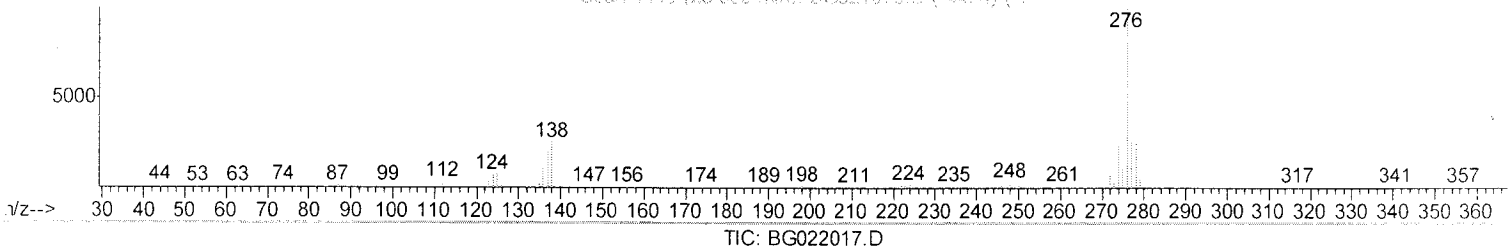
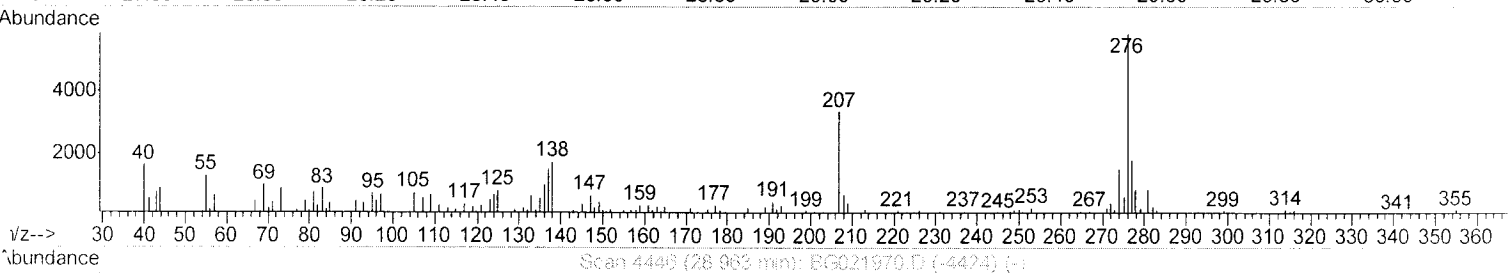
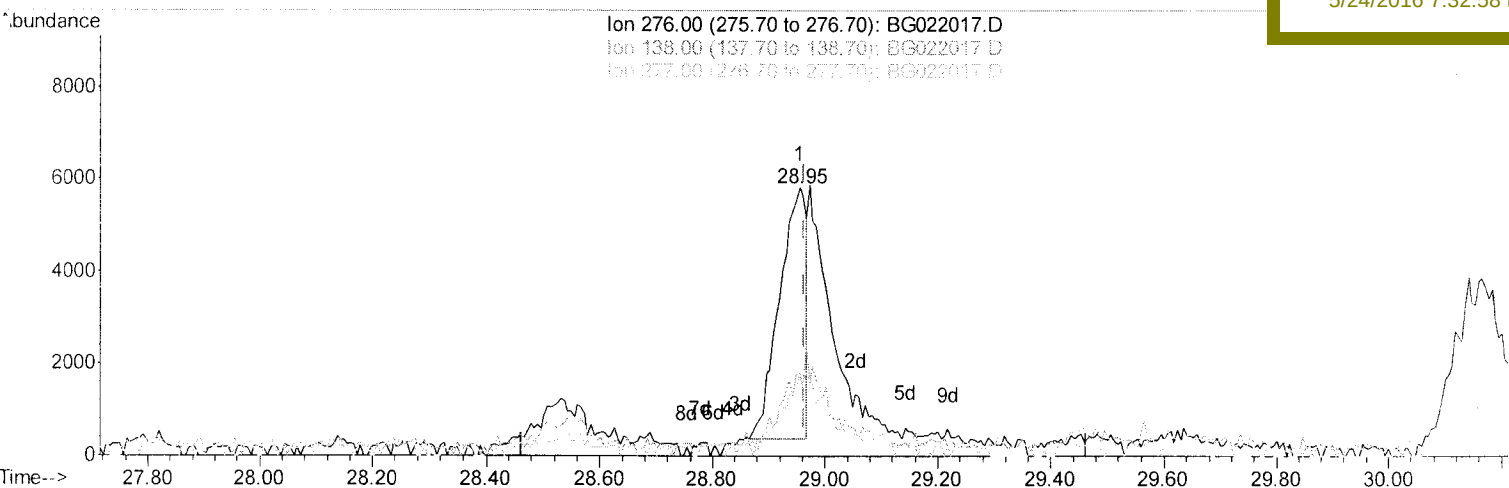
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(39) Indeno(1,2,3-cd)pyrene

28.954min (-0.008) 1.47ng/ul

response 17672

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	30.05#
277.00	23.80	31.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

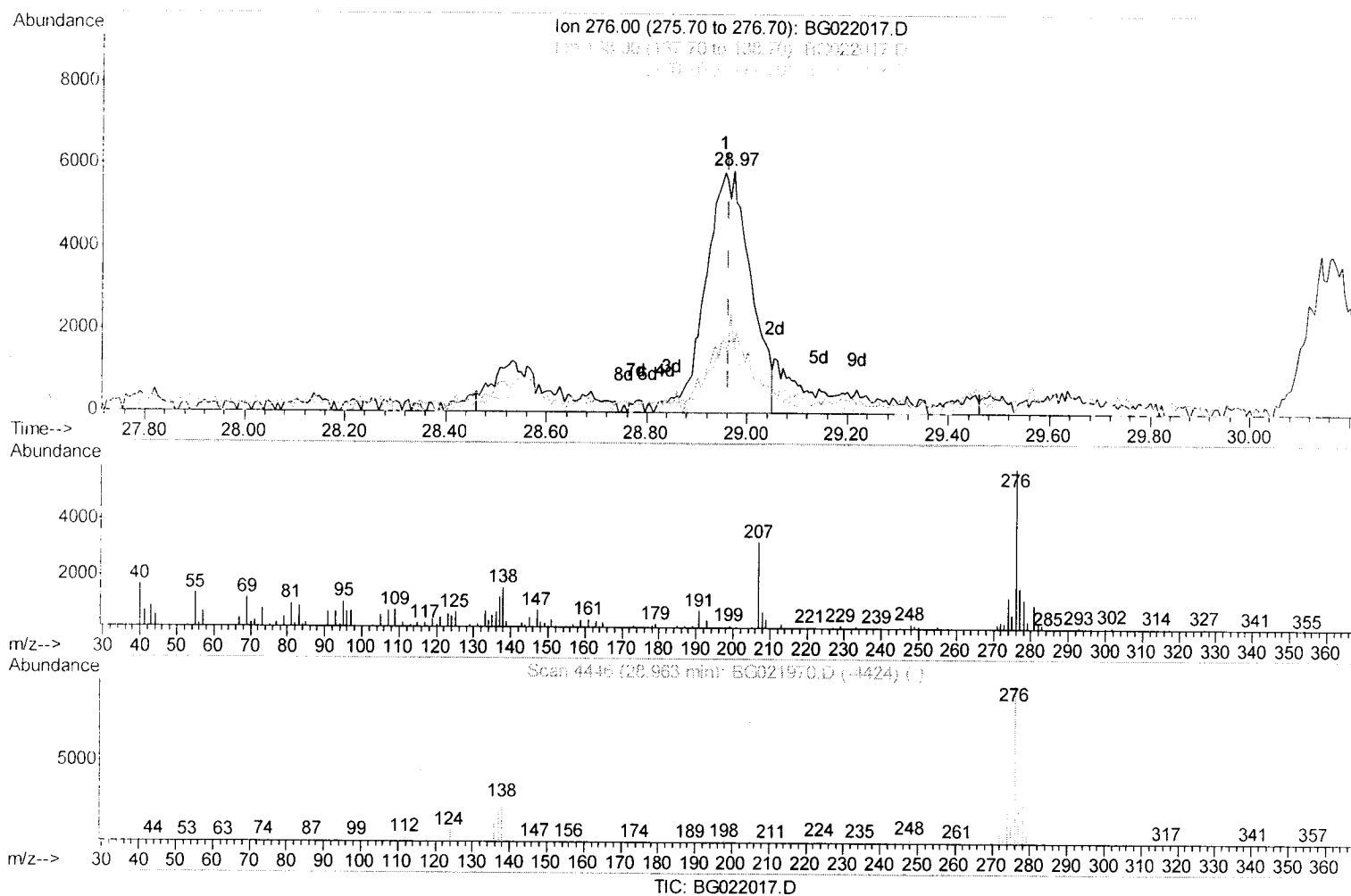
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(39) Indeno(1,2,3-cd)pyrene

28.972min (+0.009) 3.05ng/ul m

response 36604

Ion Exp% Act%

276.00 100 100

138.00 19.70 26.90#

277.00 23.80 28.04

0.00 0.00 0.00

Quantitation Report (Qedit)

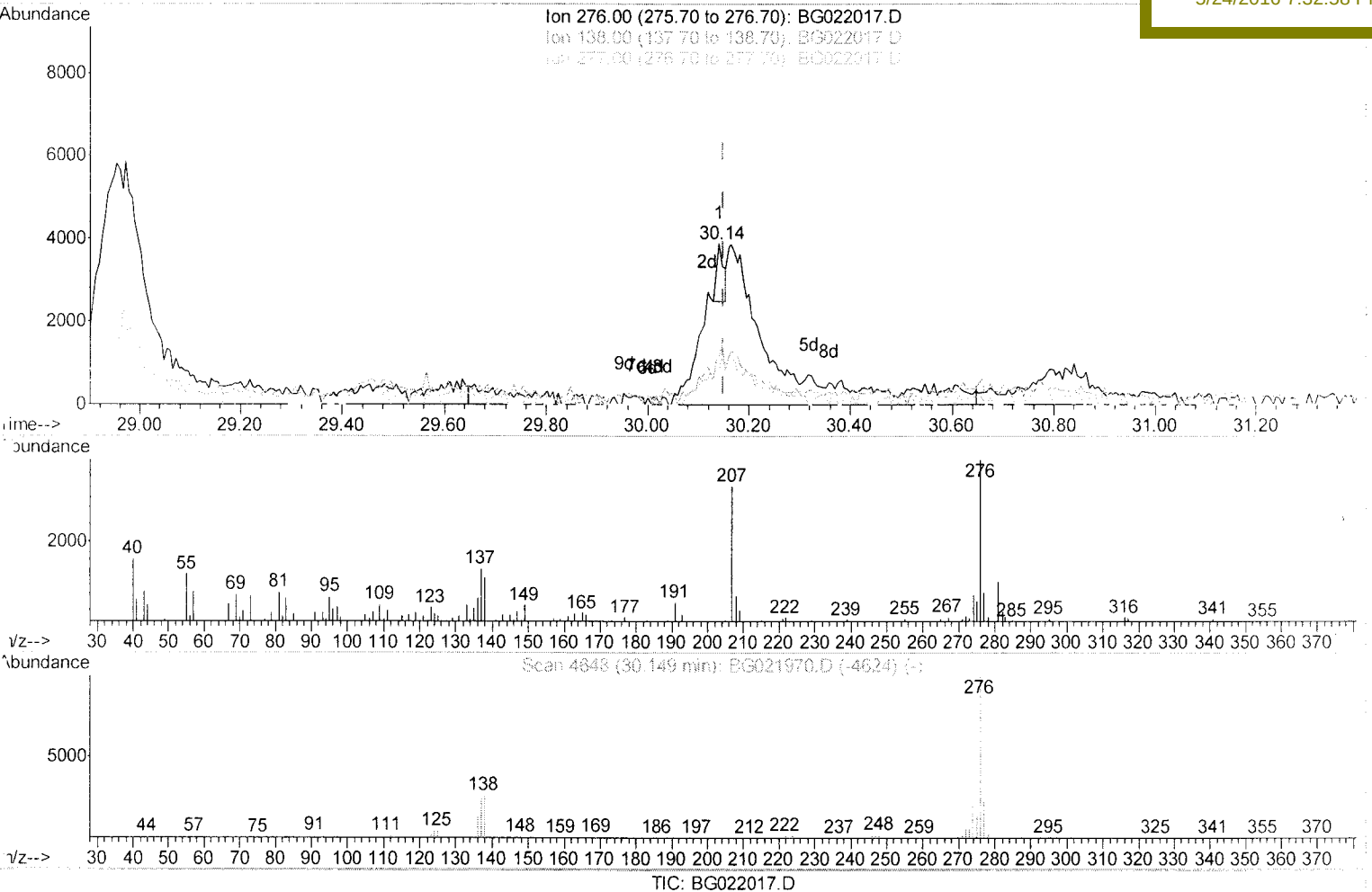
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(41) Benzo(g,h,i)perylene

30.141min (-0.008) 0.13ng/ul

response 1368

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	29.46#
277.00	24.70	21.26
0.00	0.00	0.00

Quantitation Report (Qedit)

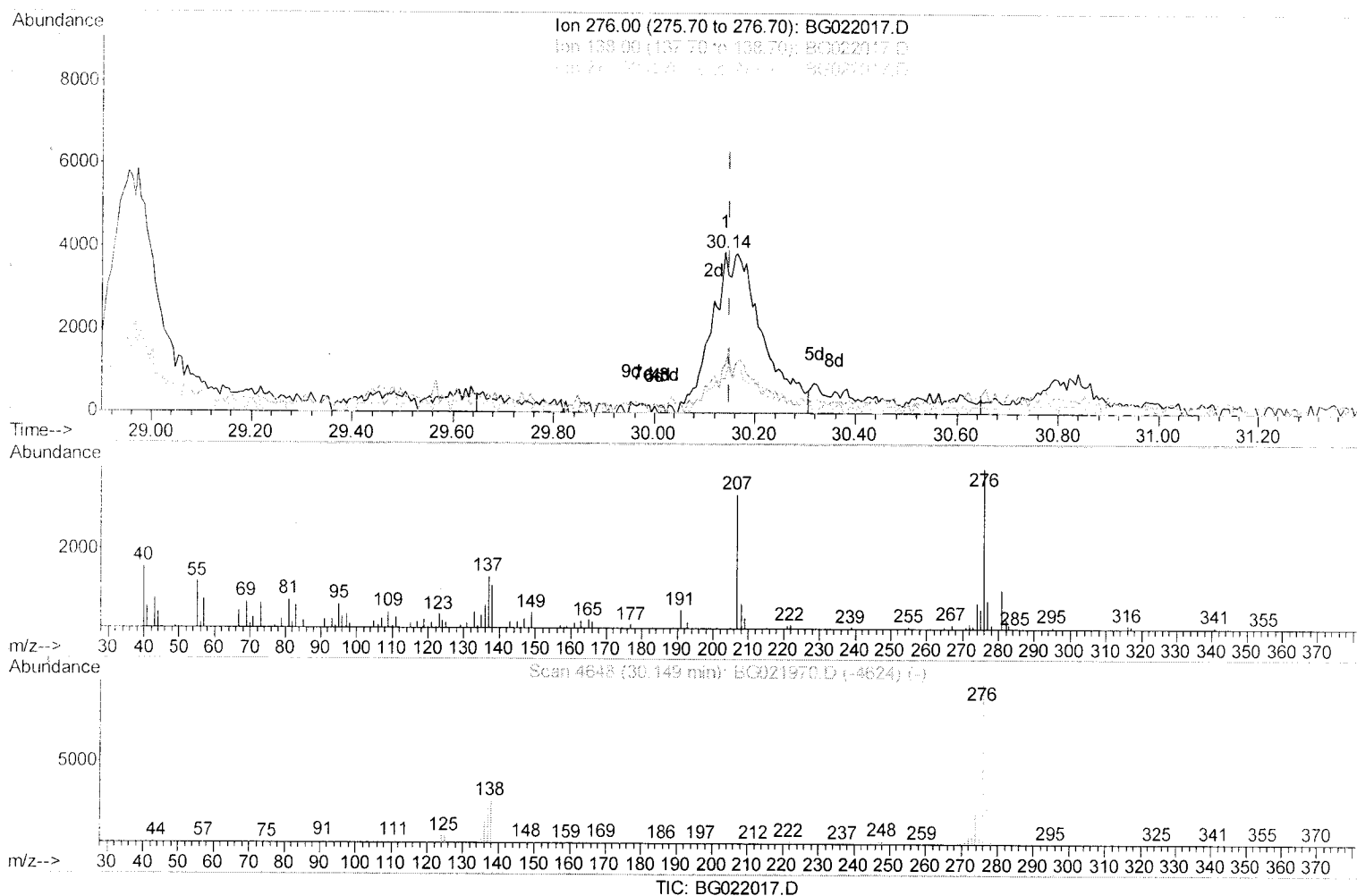
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(41) Benzo(g,h,i)perylene

30.141min (-0.008) 2.70ng/ul m

response 27417

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Ion	Exp%	Act%
276.00	100	100
138.00	17.40	29.46#
277.00	24.70	21.26
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	43853	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	222383	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	121146	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	231657	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	205795	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	192078	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1849	1.93	ng/uL	0.00
3) Phenol-d5	7.31	99	95498	24.66	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	53194	25.79	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	85886	27.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	84120	24.39	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	42484	27.23	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	45851	27.54	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	81222	27.61	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	58763m	25.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	262591	28.11	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	357285	29.70	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	19080m	11.61	ng/ul	0.00
21) Fluorene-d10	15.77	176	235015	27.95	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	24415	21.24	ng/ul	0.00
26) Anthracene-d10	17.63	188	322286m	30.20	ng/ul	0.00
30) Pyrene-d10	19.91	212	325187m	29.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	270131	31.67	ng/ul	0.00

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Target Compounds

					Qvalue
25) Phenanthrene	17.57	178	68373	5.52 ng/ul	99
28) Fluoranthene	19.57	202	127289	9.89 ng/ul#	94
31) Pyrene	19.93	202	96622m	6.82 ng/ul	
32) Benzo(a)anthracene	21.79	228	54618	4.78 ng/ul	98
33) Chrysene	21.86	228	52599	4.74 ng/ul	97
35) Benzo(b)fluoranthene	24.08	252	80432	7.28 ng/ul#	94
36) Benzo(k)fluoranthene	24.13	252	29014m	2.67 ng/ul	
38) Benzo(a)pyrene	24.98	252	48244	4.57 ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.97	276	36604m	3.05 ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	27417m	2.70 ng/ul	

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