

Quantitation Report (QT Reviewed)

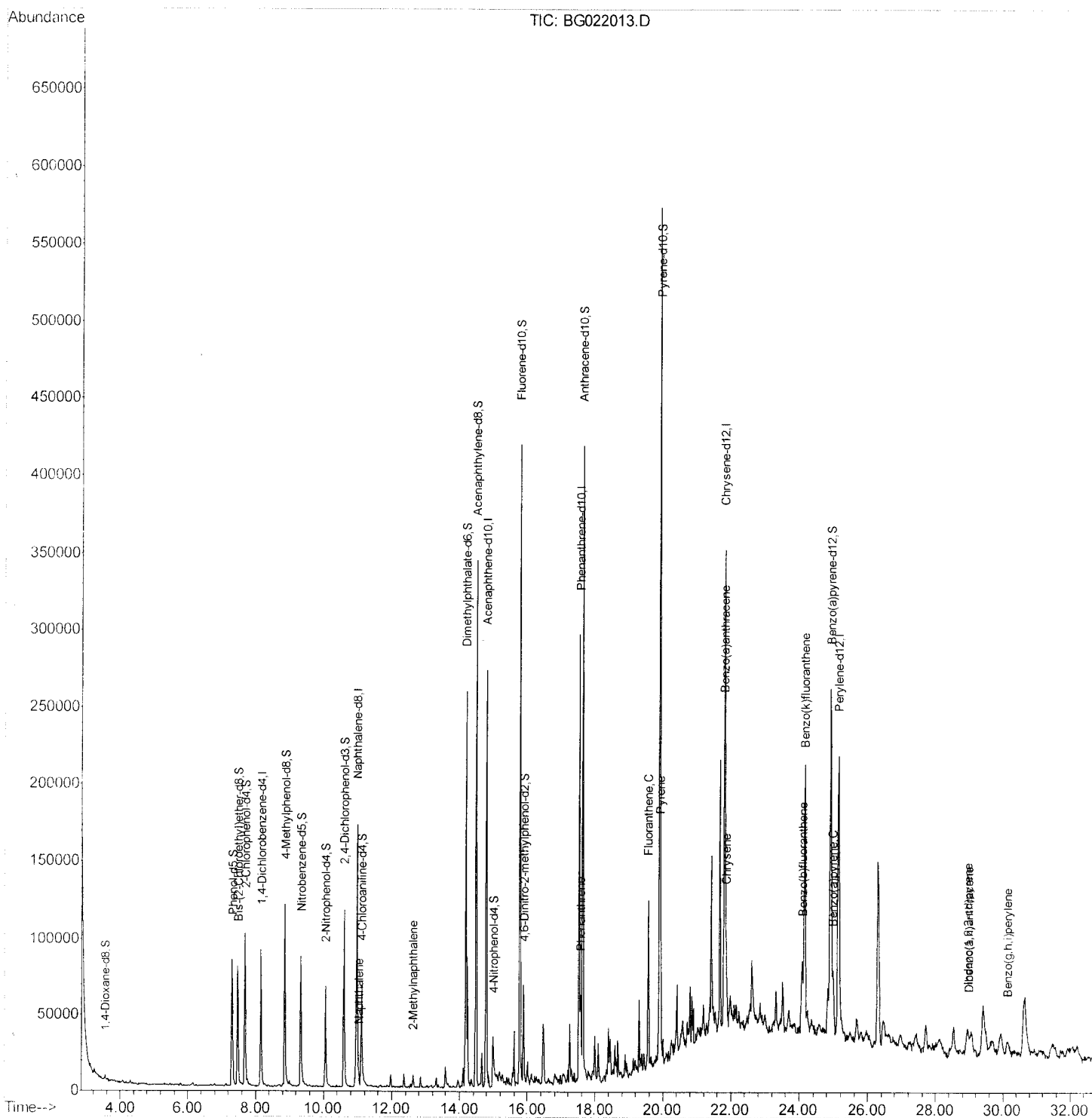
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
 Acq On : 22 May 2016 15:22
 Operator : UM/SJ
 Sample : H3204-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH1

Manual Integrations
 APPROVED

umangi
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Quant Time: May 24 09:12:20 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)

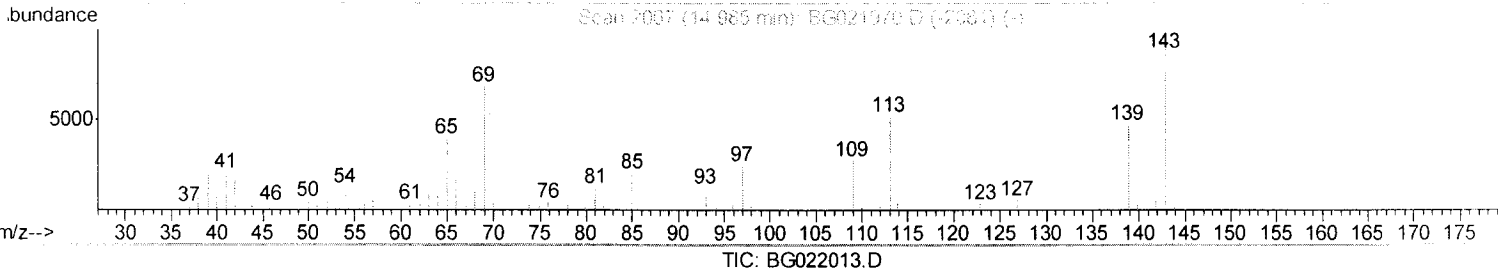
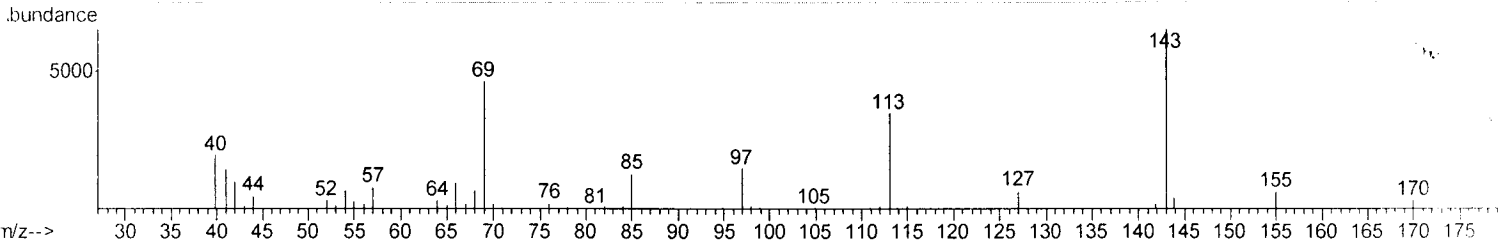
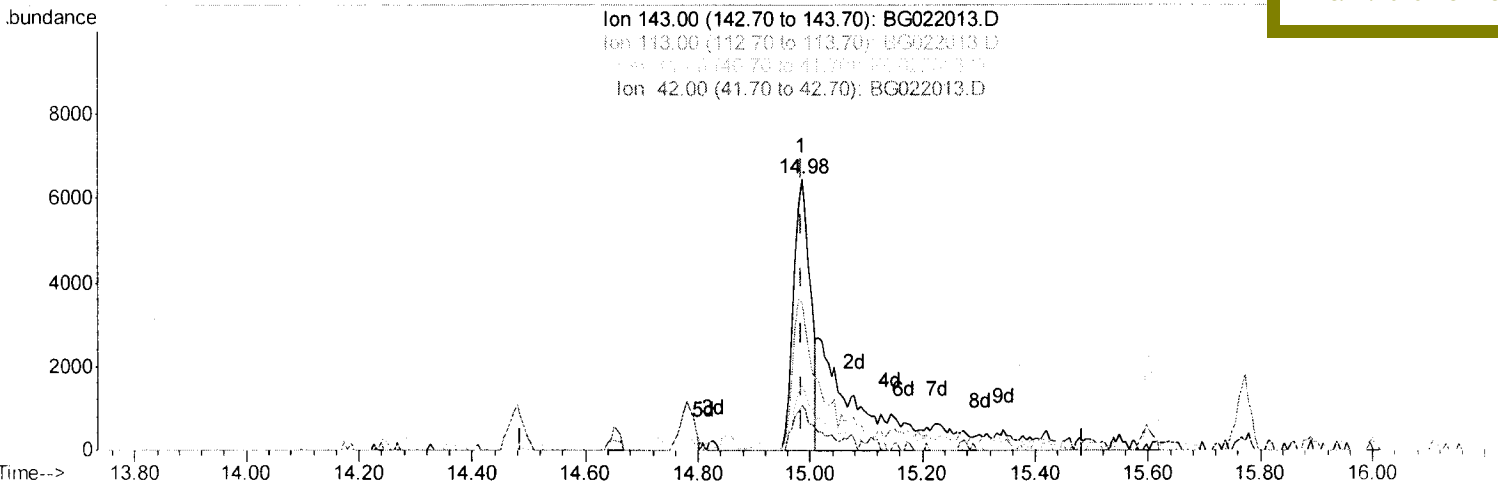
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
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(20) 4-Nitrophenol-d4 (S)

14.985min (+0.000) 9.57ng/ul

response 13232

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	54.48#
41.00	49.70	24.02#
42.00	33.70	17.01#

Quantitation Report (Qedit)

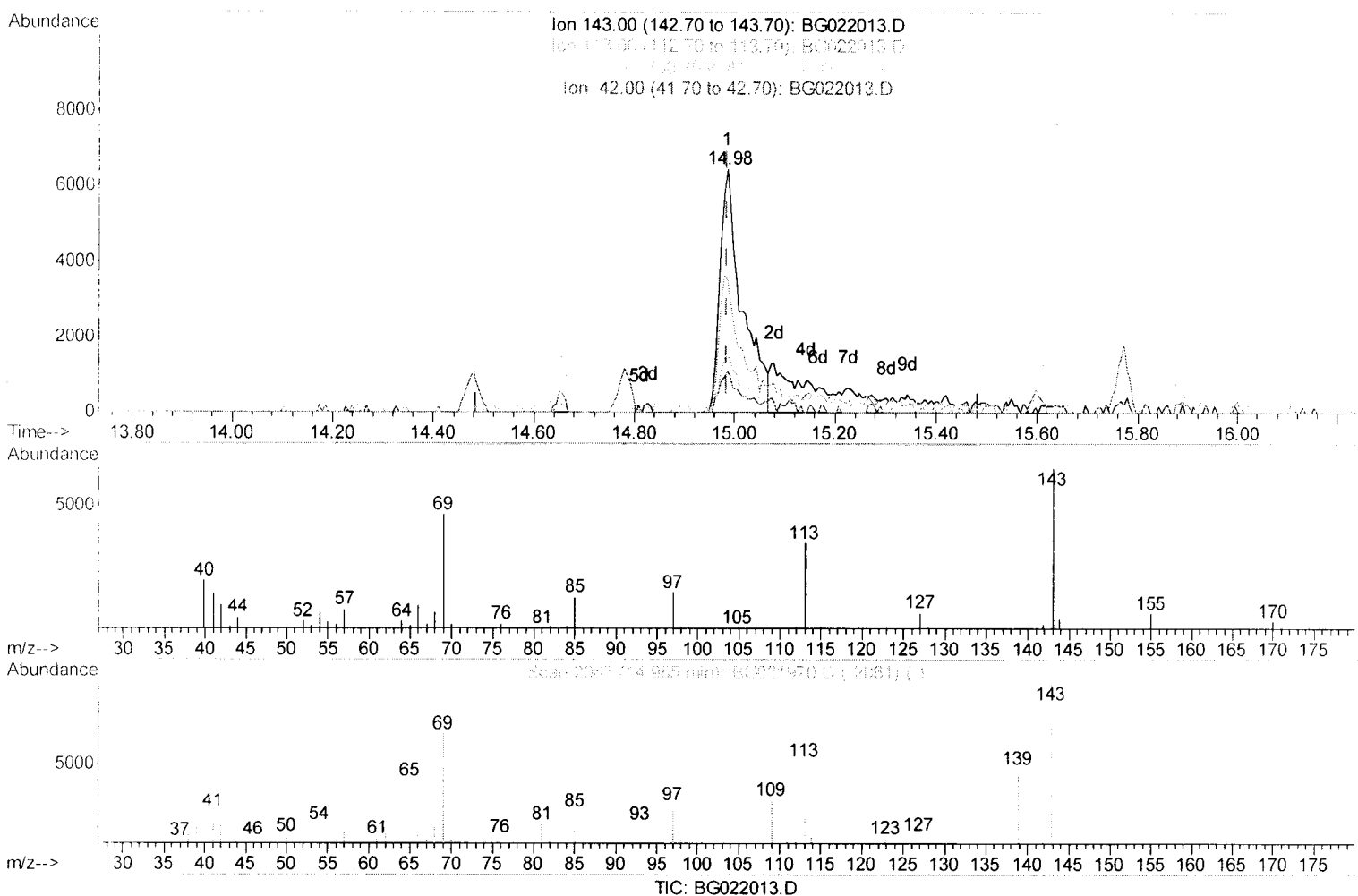
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
 Acq On : 22 May 2016 15:22
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Instrument :
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(20) 4-Nitrophenol-d4 (S)

14.985min (+0.000) 14.26ng/ul m

response 19720

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	54.48#
41.00	49.70	24.02#
42.00	33.70	17.01#

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Quantitation Report (Qedit)

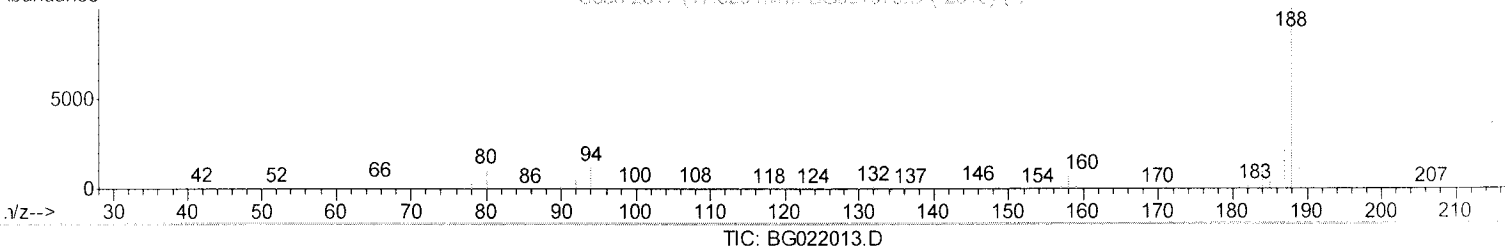
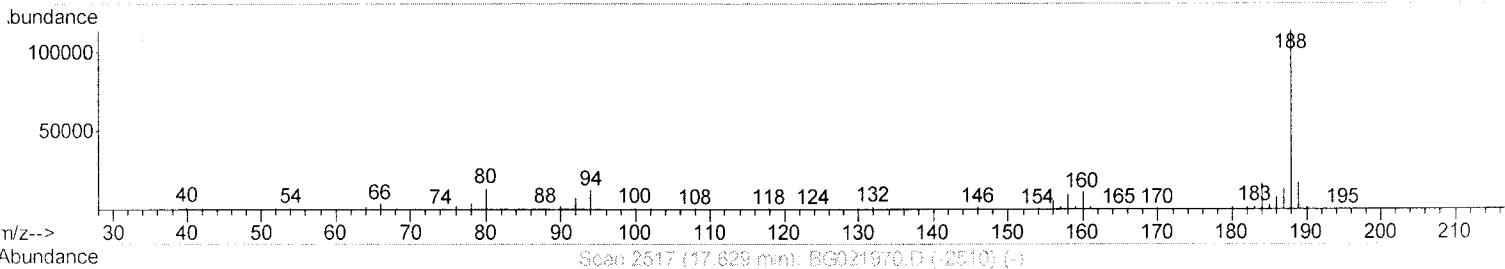
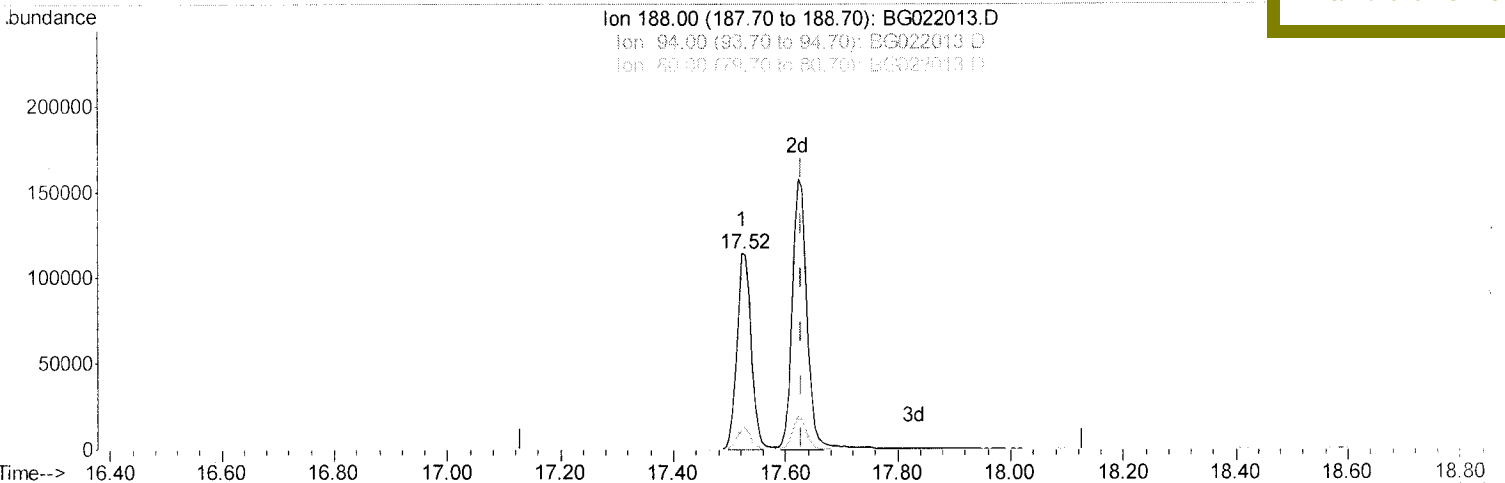
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
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TIC: BG022013.D

(26) Anthracene-d10 (S)

17.523min (-0.106) 21.70ng/ul

response 202250

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	10.82
80.00	10.80	11.98
0.00	0.00	0.00

Quantitation Report (Qedit)

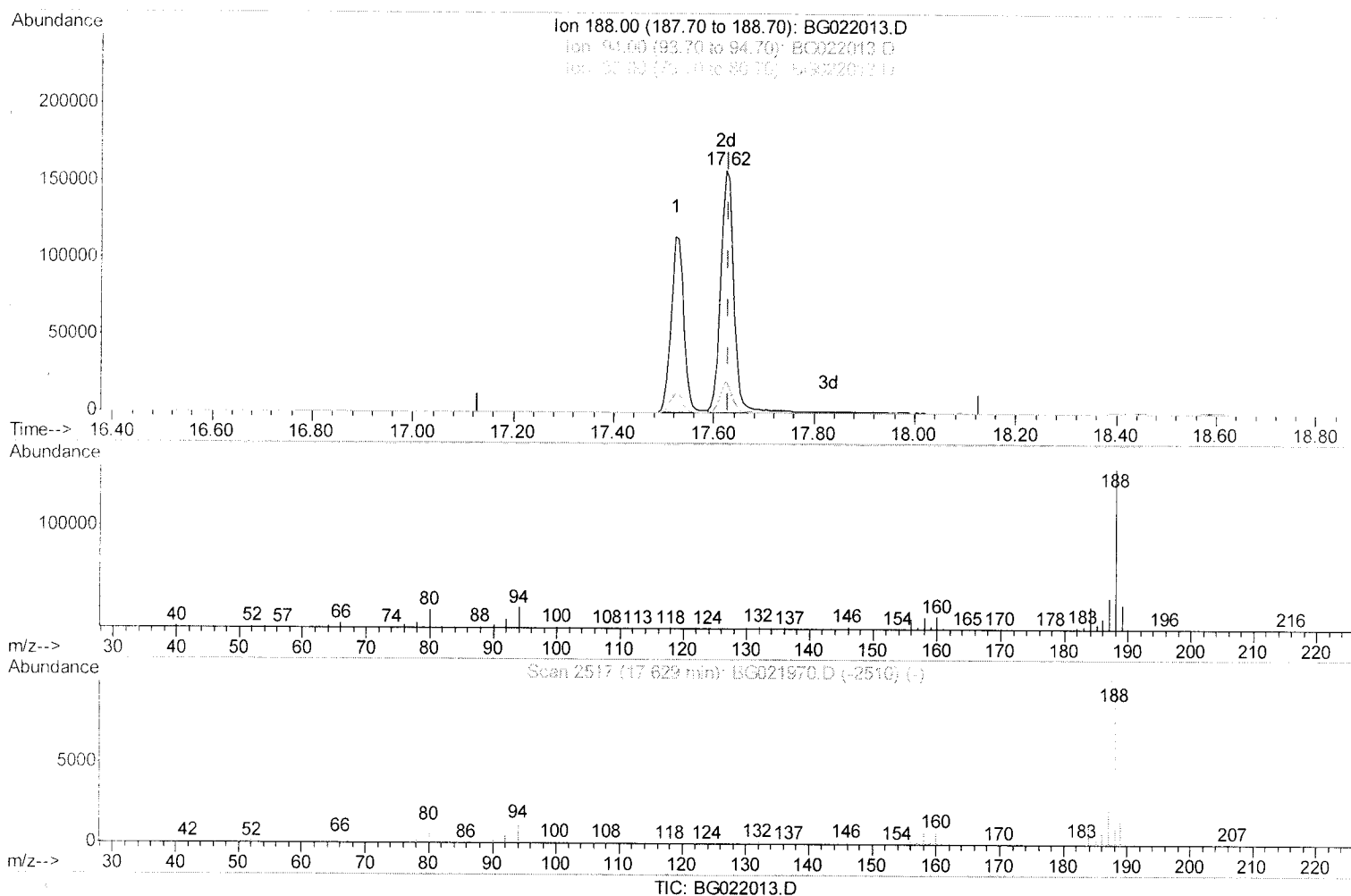
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
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(26) Anthracene-d10 (S)

17.623min (-0.006) 30.49ng/ul m

response 284154

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	12.99#
80.00	10.80	11.53
0.00	0.00	0.00

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 05795116

Quantitation Report (Qedit)

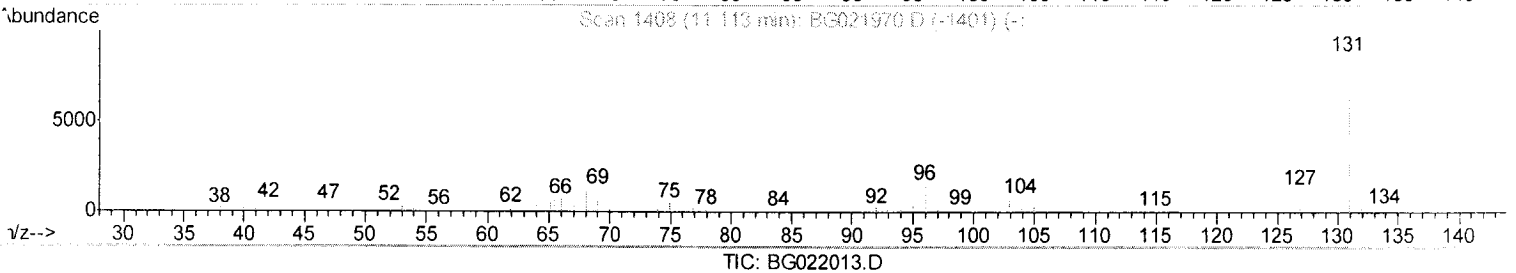
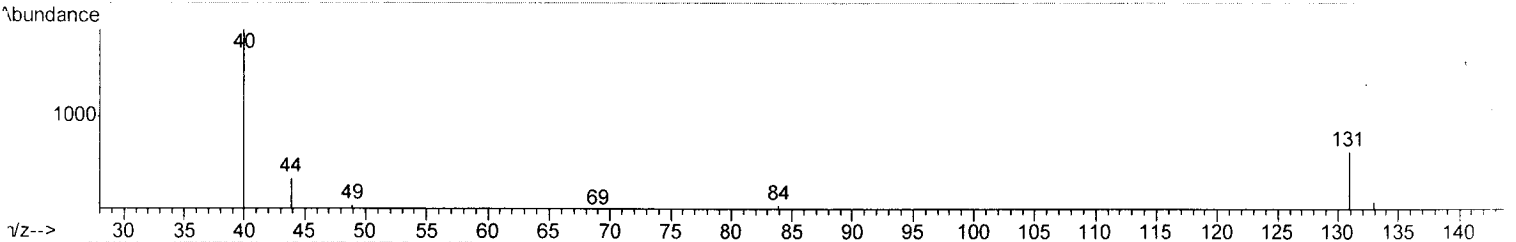
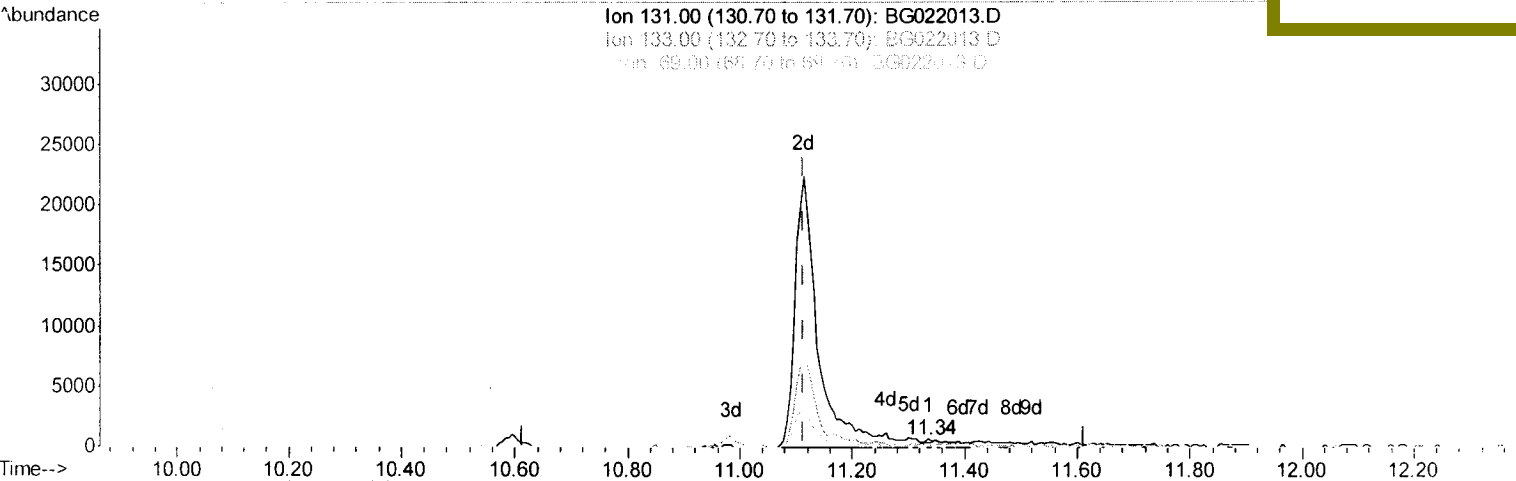
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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 Sample : H3204-01
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(12) 4-Chloroaniline-d4 (S)

11.336min (+0.223) 0.08ng/ul

response 155

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	32.56
69.00	23.00	23.26
0.00	0.00	0.00

Quantitation Report (Qedit)

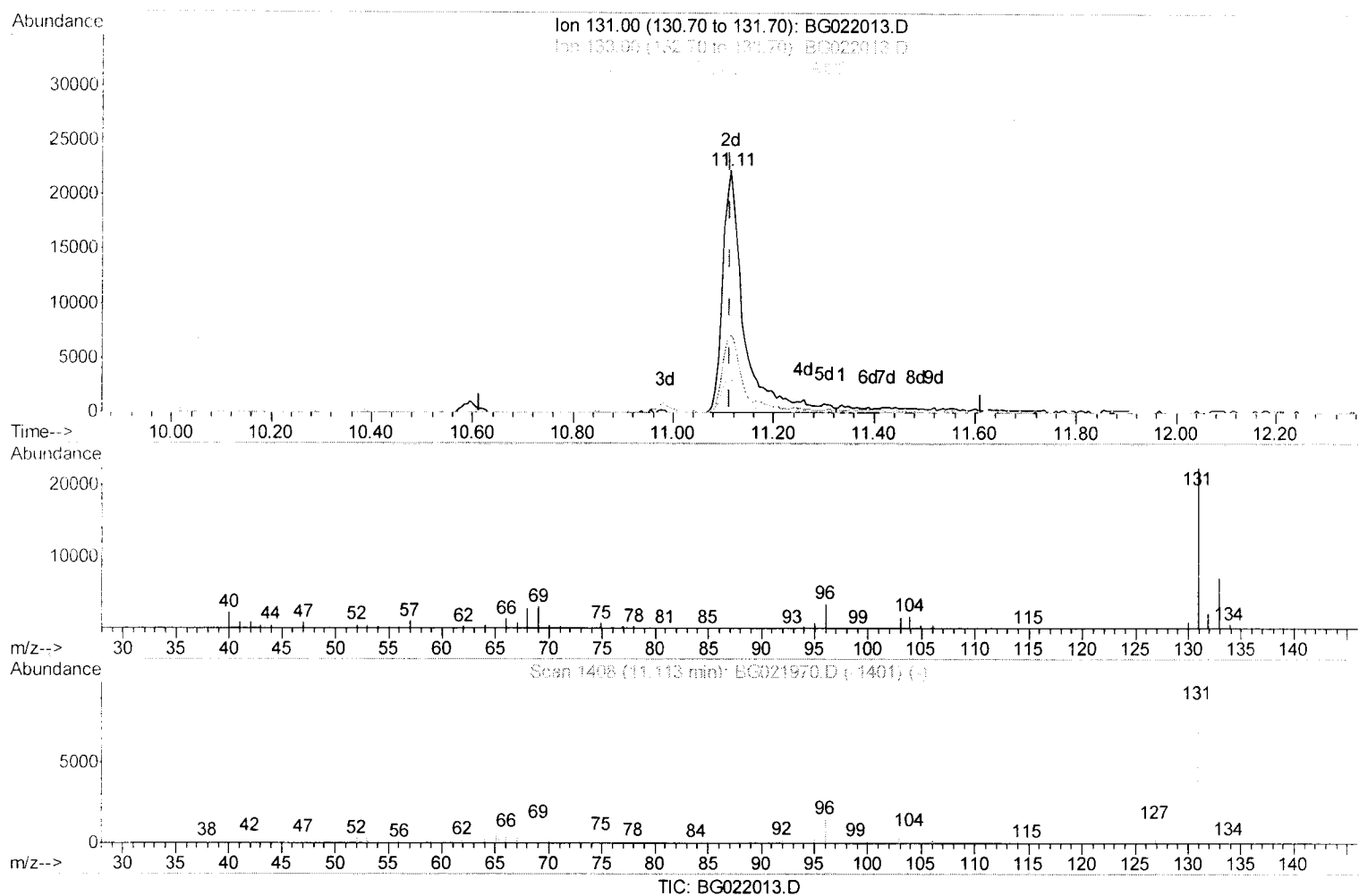
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

11.113min (+0.000) 34.26ng/ul m $\rightarrow$ $\frac{0.00}{0.5125116}$

response 65812

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.66
69.00	23.00	14.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

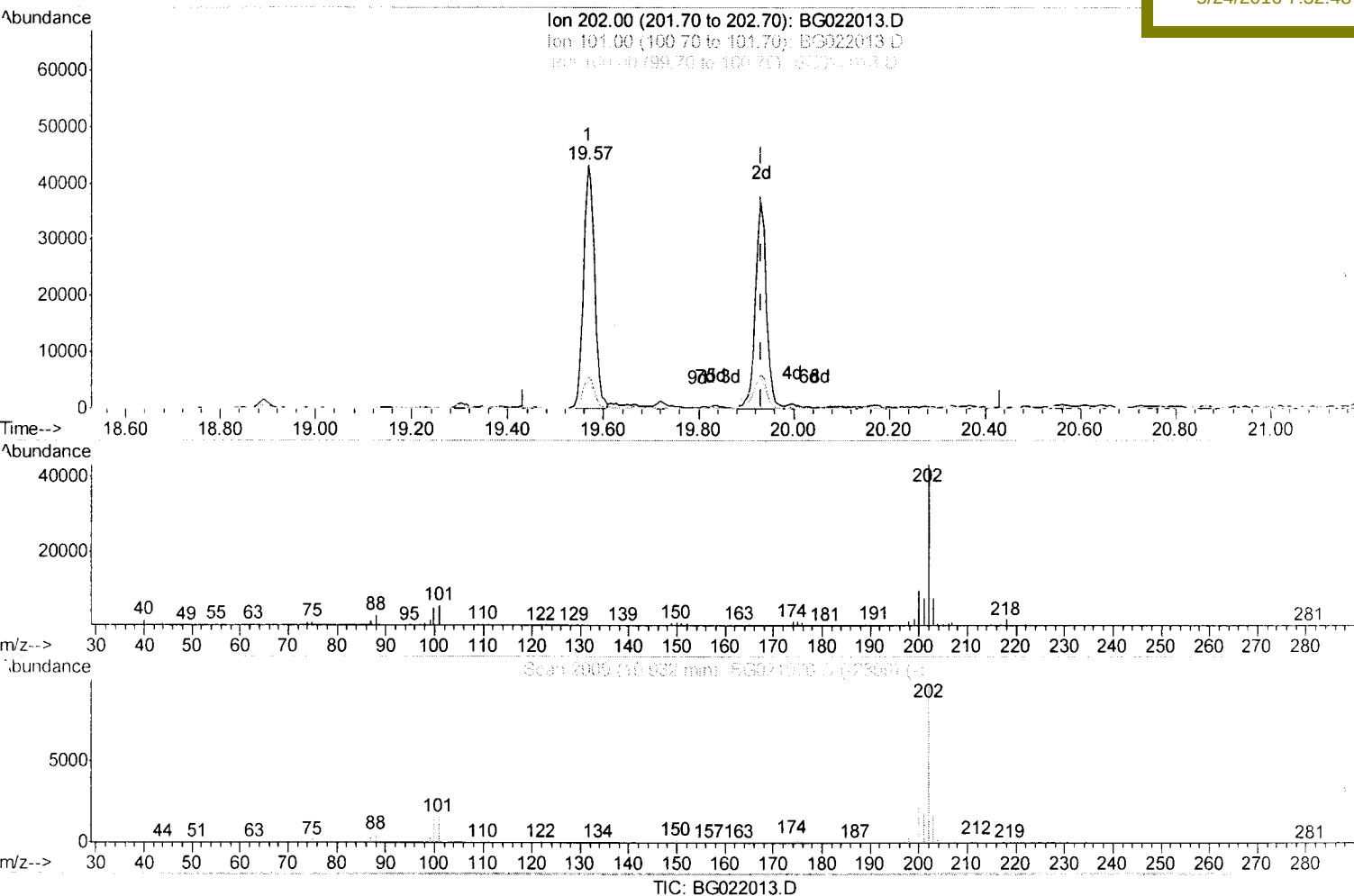
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
 Acq On : 22 May 2016 15:22
 Operator : UM/SJ
 Sample : H3204-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(31) Pyrene

19.568min (-0.364) 5.36ng/ul

response 69517

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.68
100.00	11.60	11.14
0.00	0.00	0.00

Quantitation Report (Qedit)

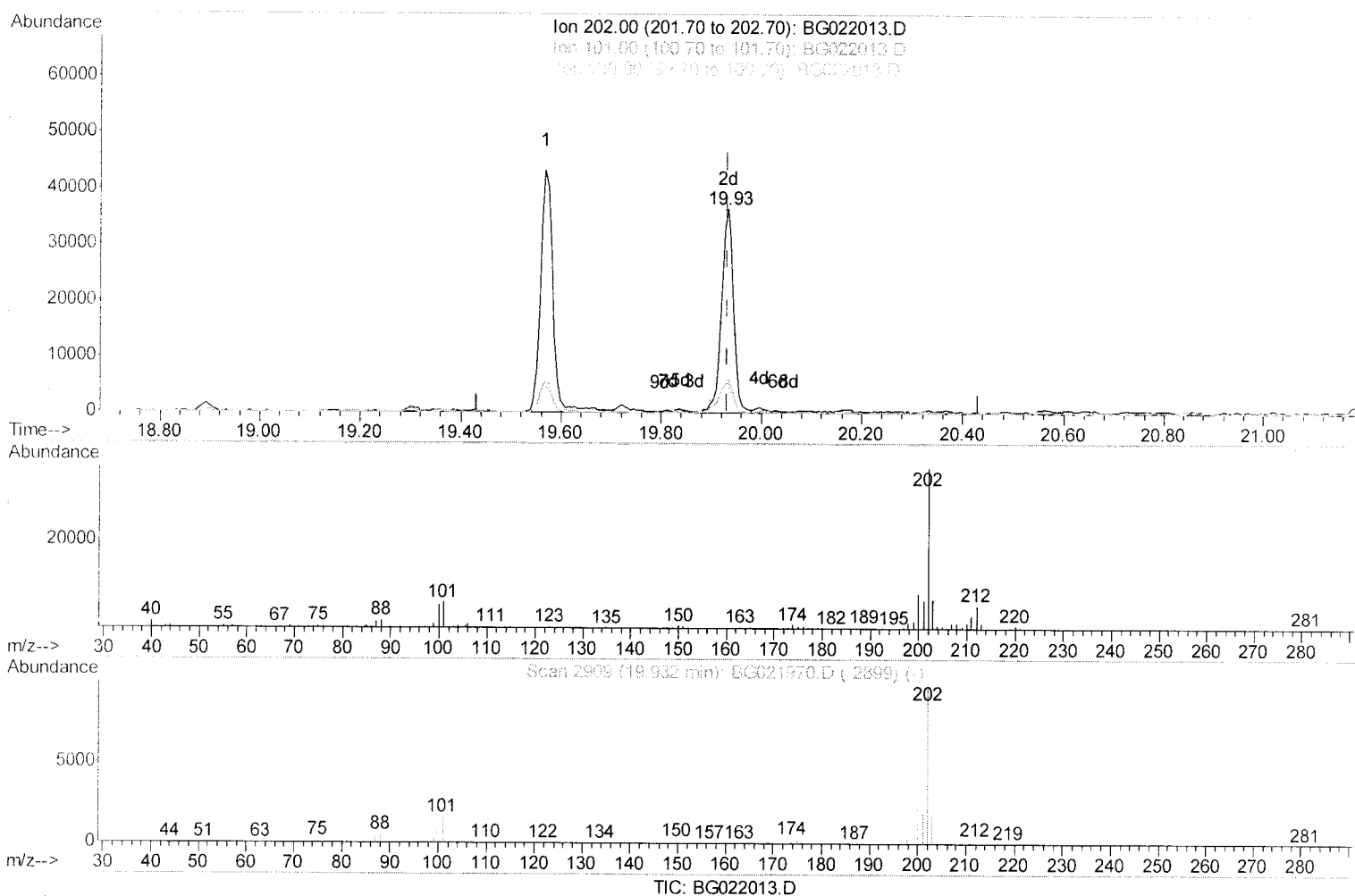
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
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 Sample : H3204-01
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(31) Pyrene

19.932min (+0.000) 4.63ng/ul m

response 59985

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.51#
100.00	11.60	14.76#
0.00	0.00	0.00

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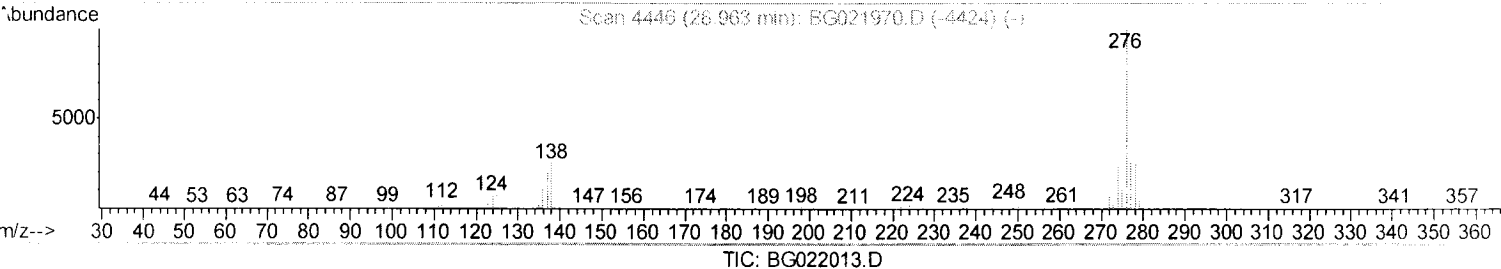
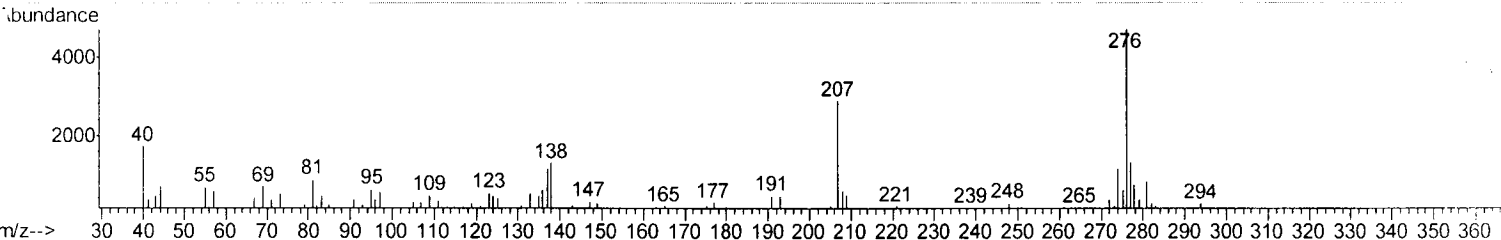
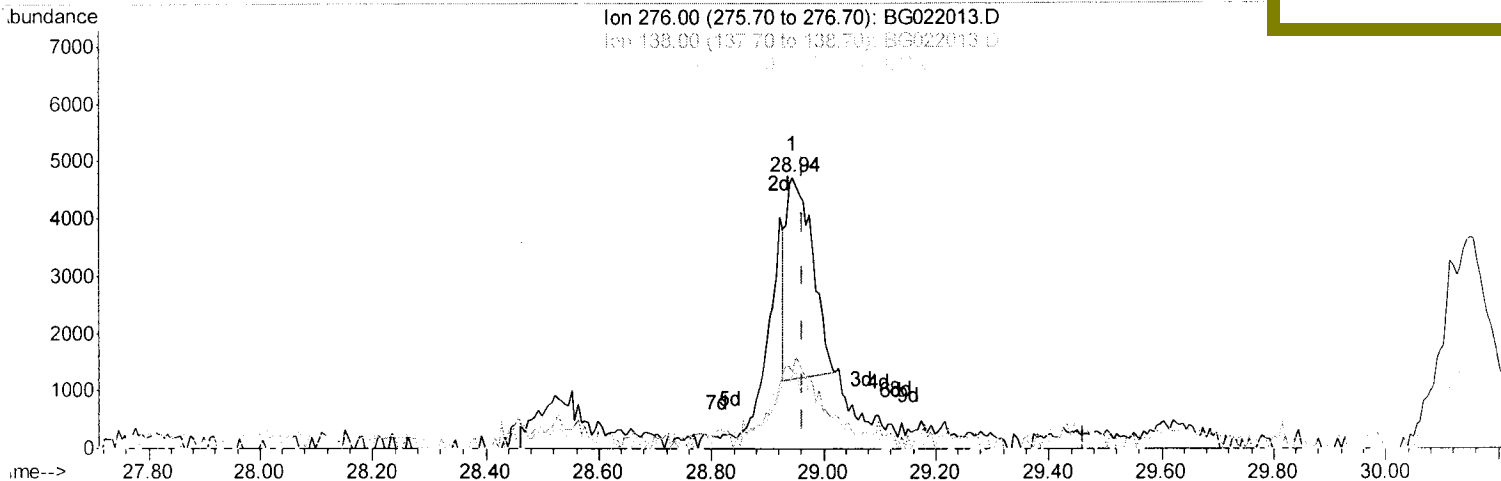
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
Data File : BG022013.D
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Operator : UM/SJ
Sample : H3204-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XH1

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TIC: BG022013.D

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

28.945min (-0.018) 1.00ng/ul

response 11091

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.66#
277.00	23.80	27.44
0.00	0.00	0.00

Quantitation Report (Qedit)

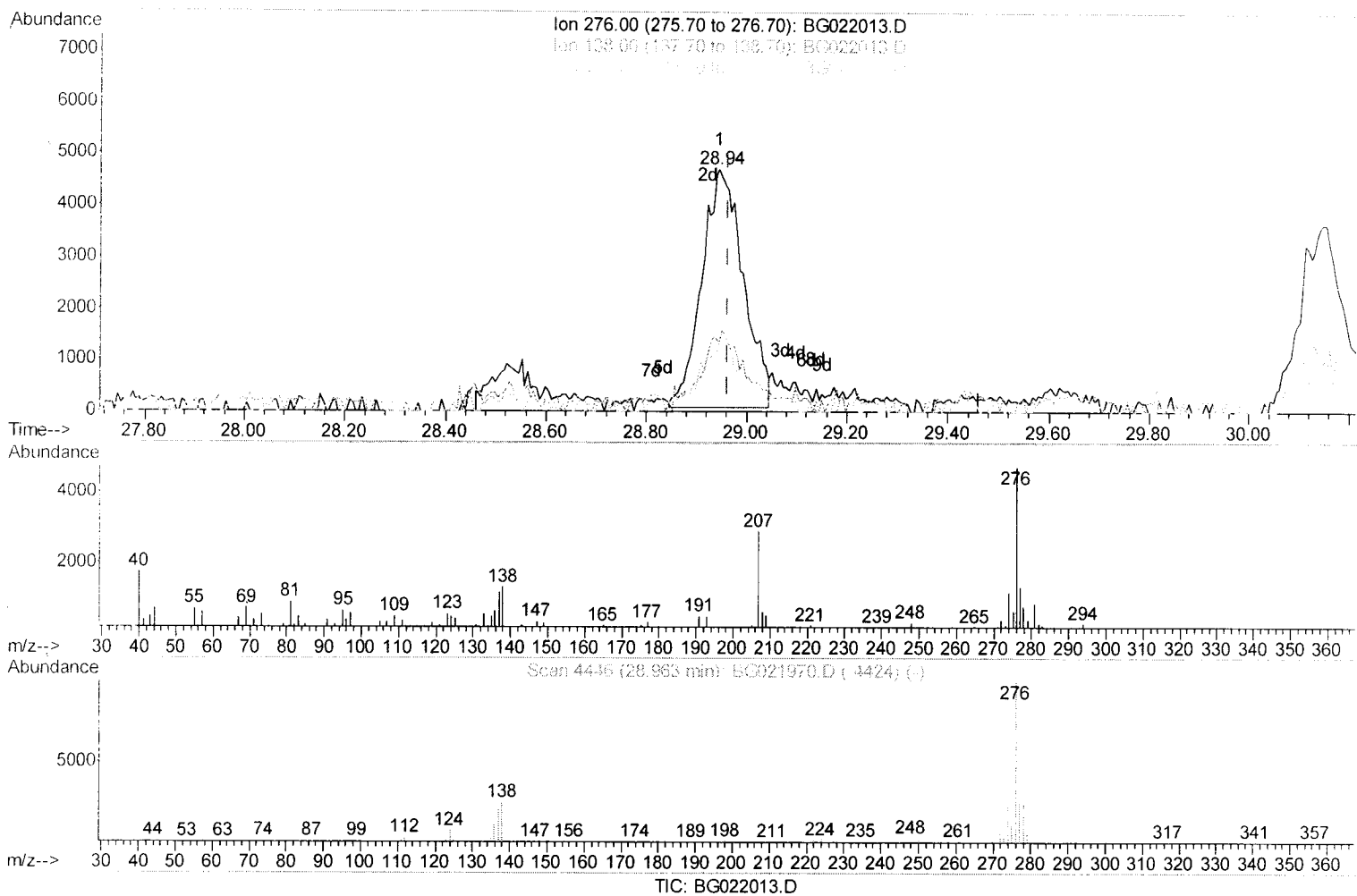
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
 Acq On : 22 May 2016 15:22
 Operator : UM/SJ
 Sample : H3204-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9XH1

Manual Integrations
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 5/24/2016 7:32:48 PM

Quant Time: May 24 09:02:41 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



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

28.945min (-0.018) 2.38ng/ul m

response 26420

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	27.66#
277.00	23.80	27.44
0.00	0.00	0.00

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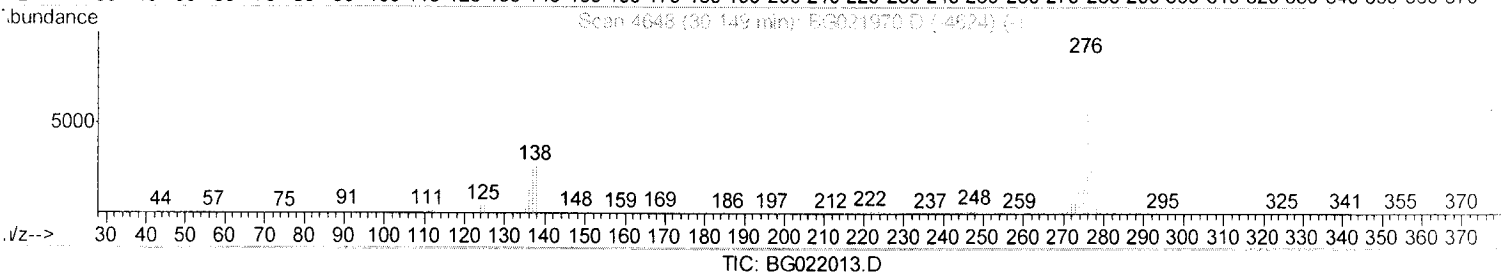
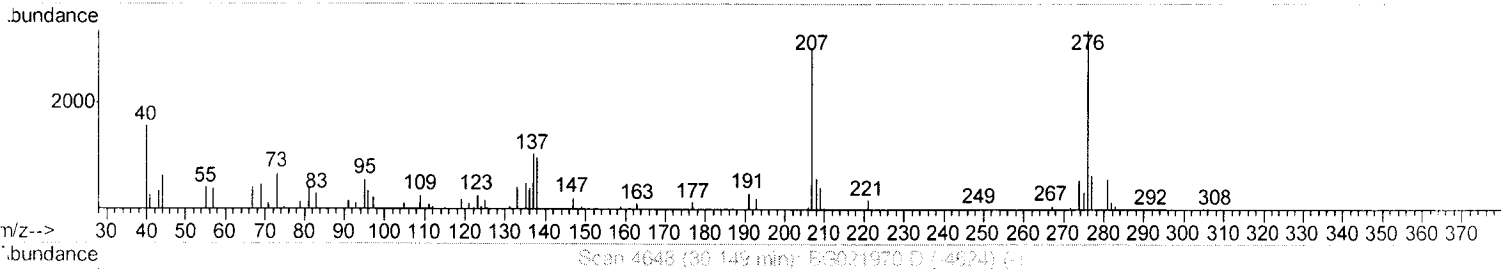
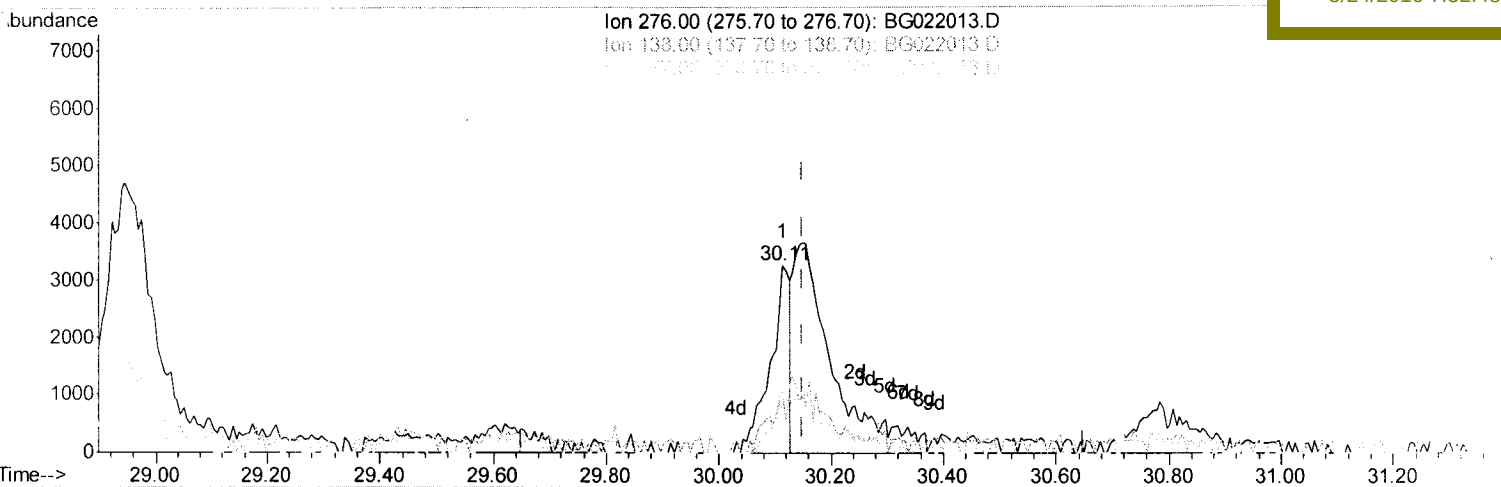
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
Data File : BG022013.D
Acq On : 22 May 2016 15:22
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Sample : H3204-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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(41) Benzo(g,h,i)perylene

30.114min (-0.035) 0.83ng/ul

response 7763

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	31.94#
277.00	24.70	22.72
0.00	0.00	0.00

Quantitation Report (Qedit)

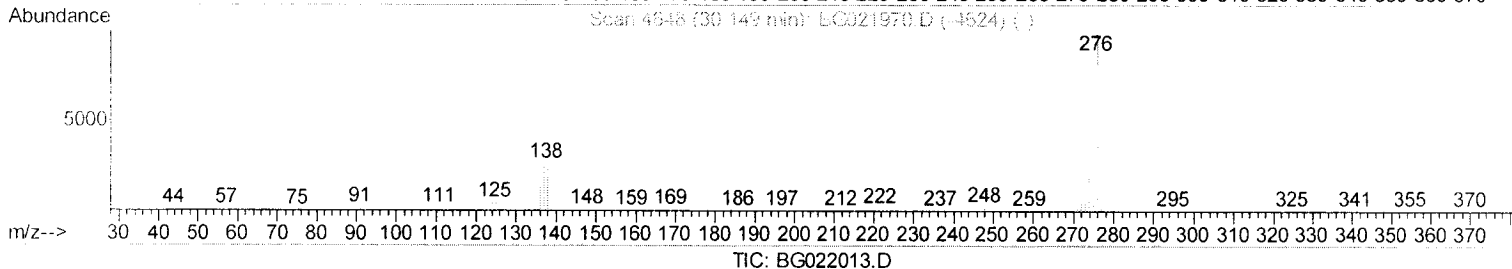
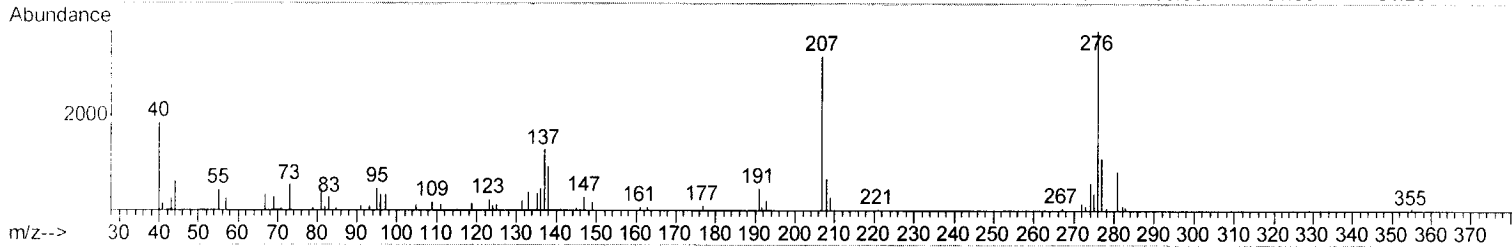
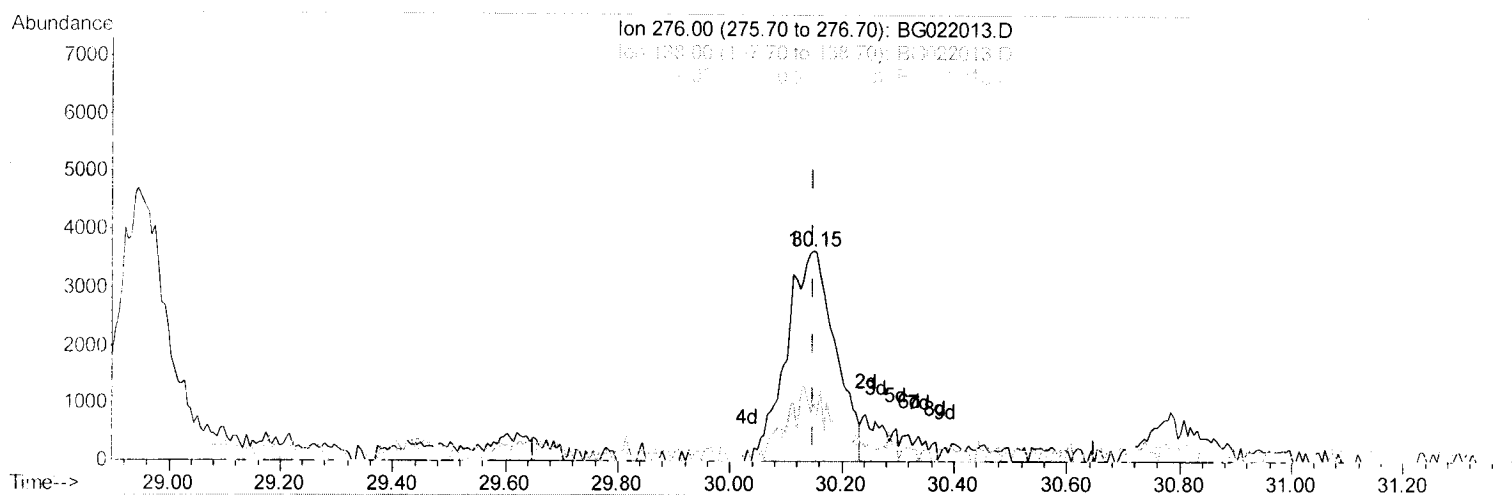
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022013.D
 Acq On : 22 May 2016 15:22
 Operator : UM/SJ
 Sample : H3204-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

30.149min (+0.000) 2.35ng/ul m

response 22066

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	27.69#
277.00	24.70	32.18#
0.00	0.00	0.00

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 05125116

Quantitation Report (Qedit)

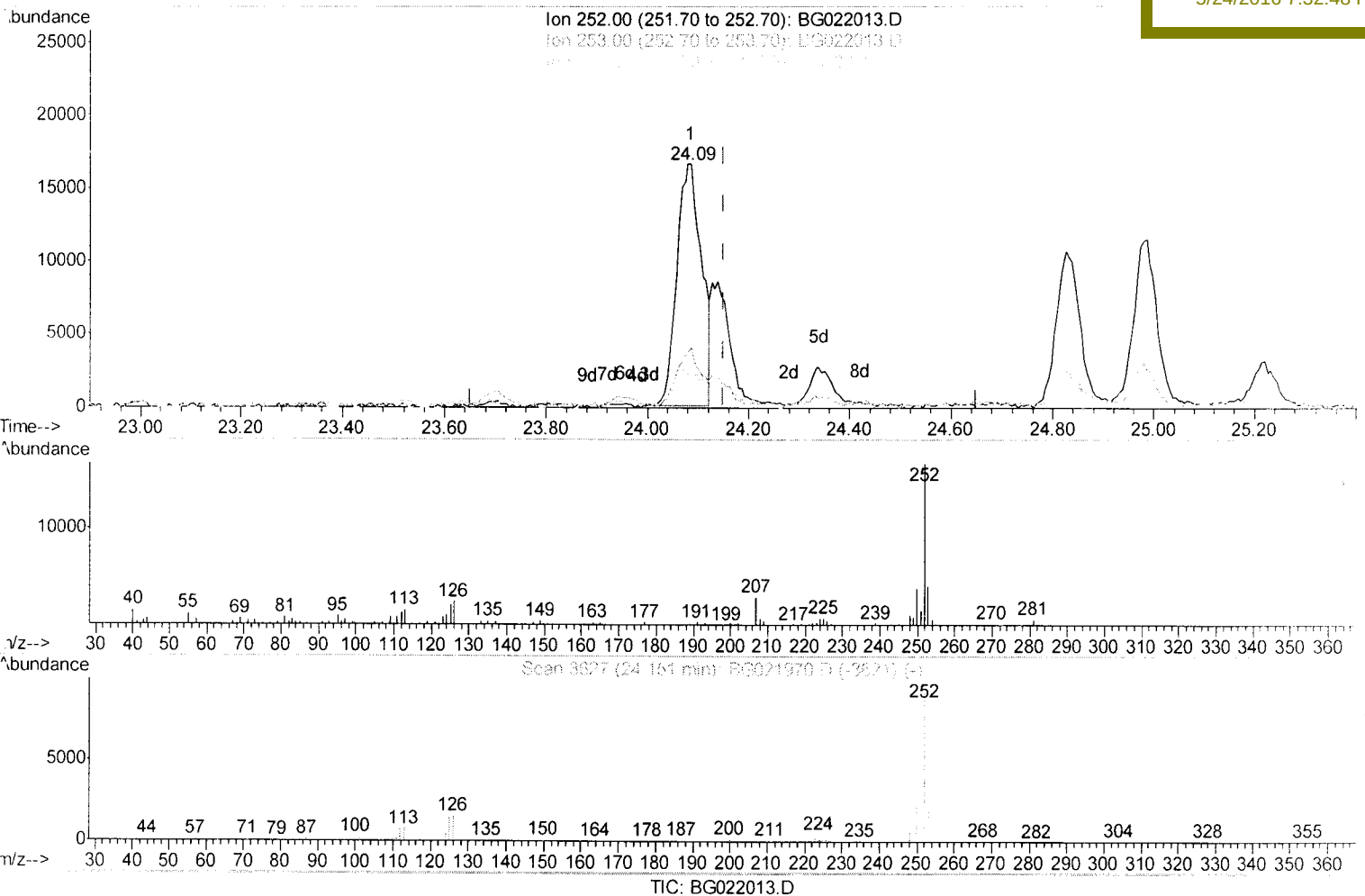
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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 Sample : H3204-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
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Quant Time: May 24 09:08:05 2016
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Manual Integrations
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(36) Benzo(k)fluoranthene

24.086min (-0.065) 5.55ng/ul

response 55661

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.93
125.00	9.60	13.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

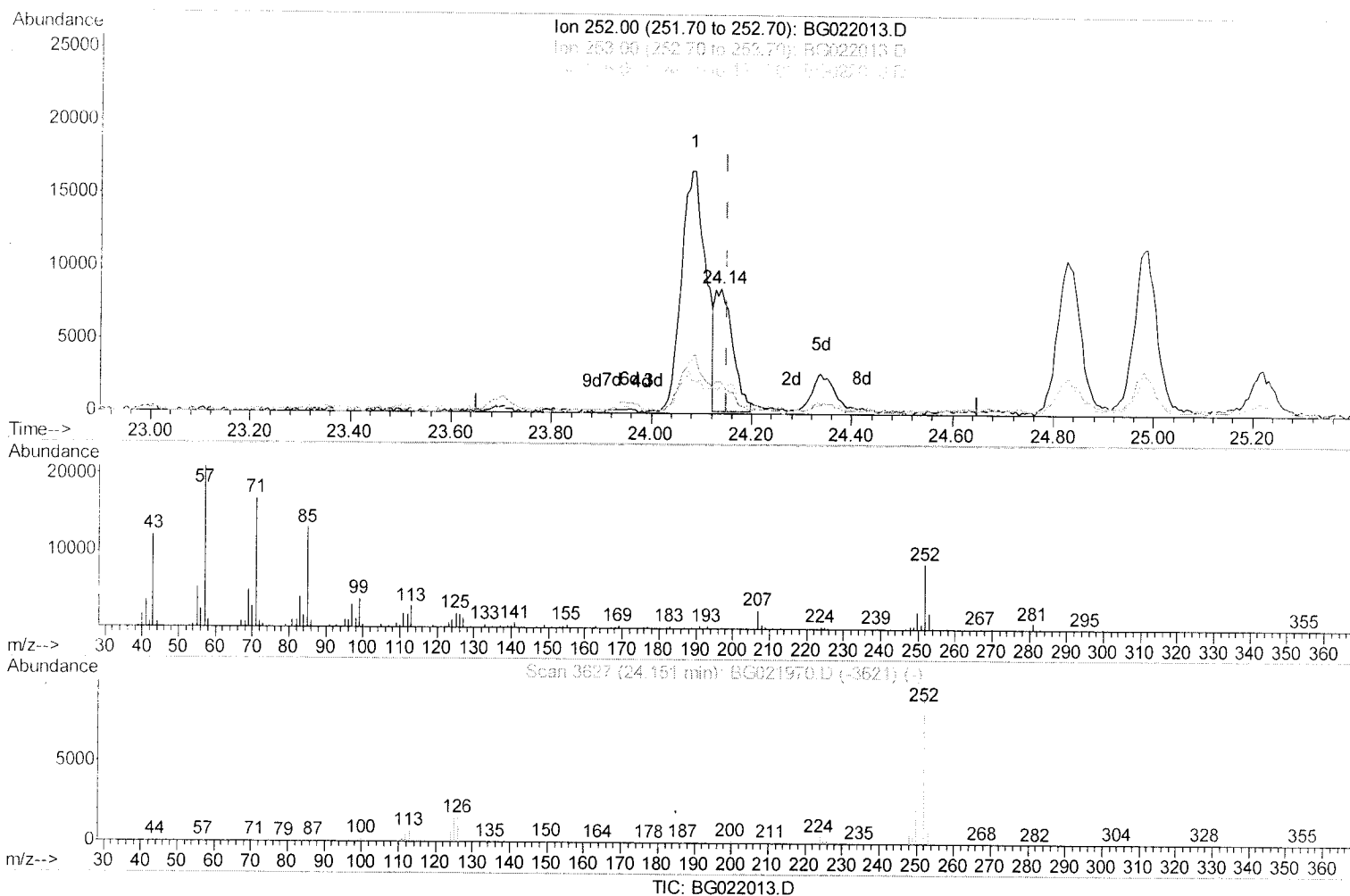
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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(36) Benzo(k)fluoranthene

24.139min (-0.012) 2.08ng/ul m > 0.0 m
 response 20919 0.5/0.5/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.84
125.00	9.60	23.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

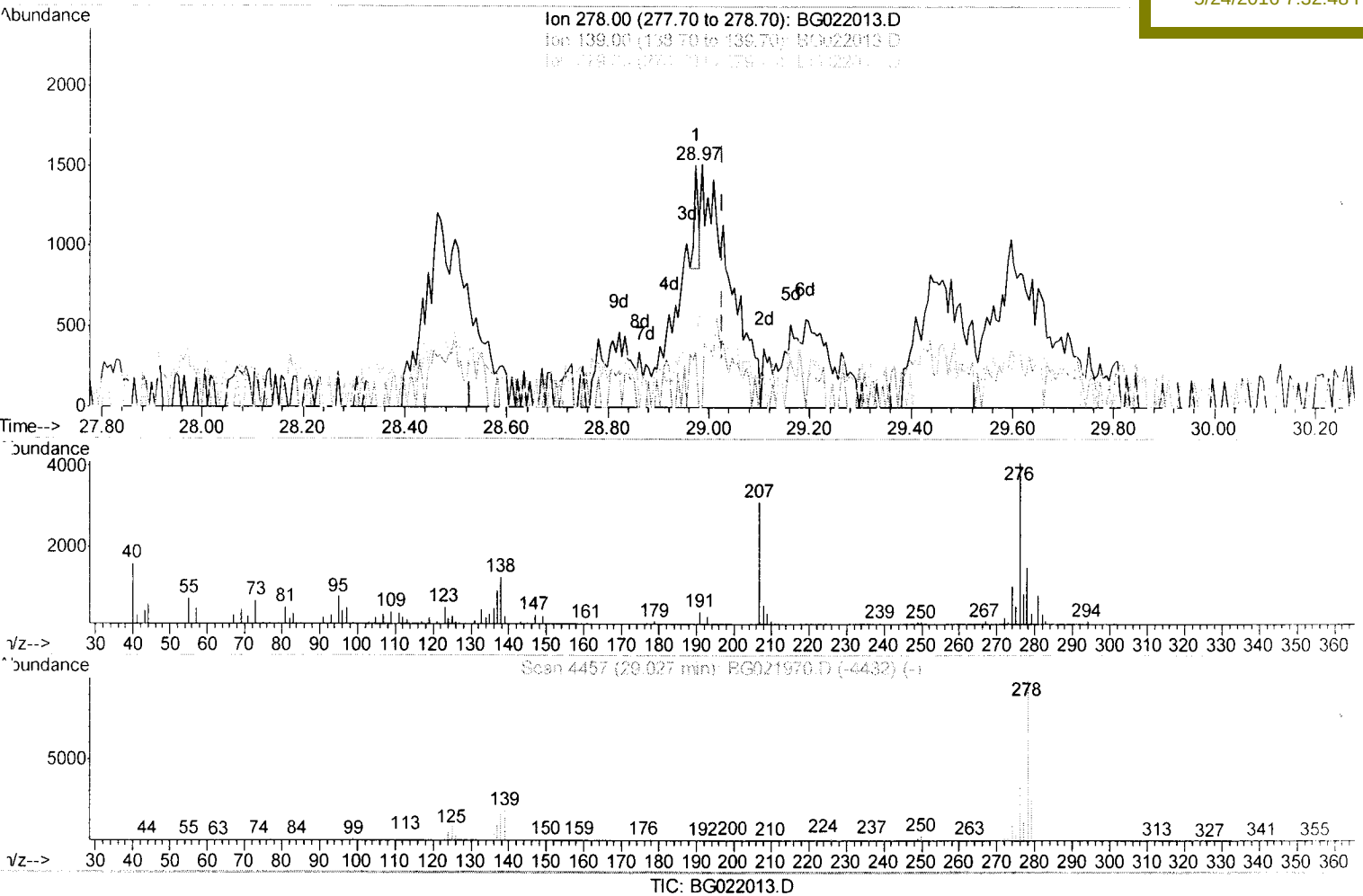
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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Quant Time: May 24 09:09:28 2016
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(40) Dibenzo(a,h)anthracene

28.974min (-0.053) 0.04ng/ul

response 364

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	23.20#
279.00	24.80	28.21
0.00	0.00	0.00

Quantitation Report (Qedit)

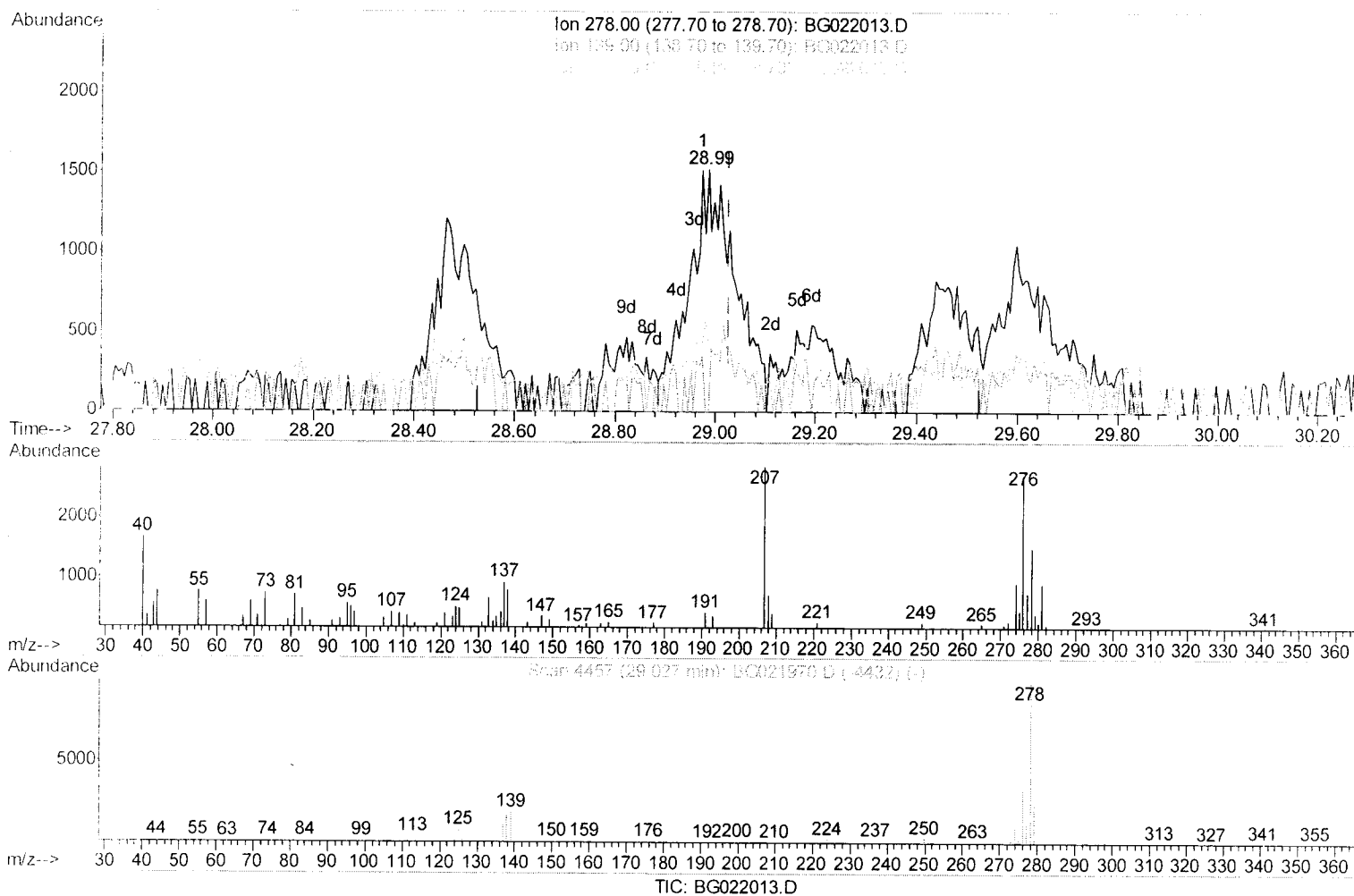
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(40) Dibenzo(a,h)anthracene

28.986min (-0.041) 1.06ng/ul m

response 9726

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	0.00#
279.00	24.80	26.35
0.00	0.00	0.00

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34850	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	184342	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	101936	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	202250	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	188181	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	177495	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.53	96	1863	2.45	ng/uL	0.00
3) Phenol-d5	7.31	99	79888	25.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	43504	26.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	71436	28.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	65558	23.92	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	35605	27.53	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	36123	26.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	64675	26.52	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	65812m	34.26	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	213432	27.15	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	296073	29.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	19720m	14.26	ng/ul	0.00
21) Fluorene-d10	15.77	176	194622	27.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.88	200	19573	19.50	ng/ul	-0.01
26) Anthracene-d10	17.62	188	284154m	30.49	ng/ul	0.00
30) Pyrene-d10	19.90	212	303345	30.55	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	244798	31.05	ng/ul	-0.01

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Target Compounds

					Qvalue
11) Naphthalene	11.03	128	11610	1.29	ng/ul 96
13) 2-Methylnaphthalene	12.62	142	6923	1.07	ng/ul 95
25) Phenanthrene	17.57	178	37993	3.51	ng/ul 98
28) Fluoranthene	19.57	202	69517	6.19	ng/ul# 95
31) Pyrene	19.93	202	59985m	4.63	ng/ul
32) Benzo(a)anthracene	21.79	228	34276	3.28	ng/ul 94
33) Chrysene	21.85	228	38906	3.83	ng/ul# 93
35) Benzo(b)fluoranthene	24.09	252	55661	5.46	ng/ul# 93
36) Benzo(k)fluoranthene	24.14	252	20919m	2.08	ng/ul
38) Benzo(a)pyrene	24.98	252	34870	3.57	ng/ul# 92
39) Indeno(1,2,3-cd)pyrene	28.94	276	26420m	2.38	ng/ul
40) Dibenzo(a,h)anthracene	28.99	278	9726m	1.06	ng/ul
41) Benzo(g,h,i)perylene	30.15	276	22066m	2.35	ng/ul

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