

Quantitation Report (Qedit)

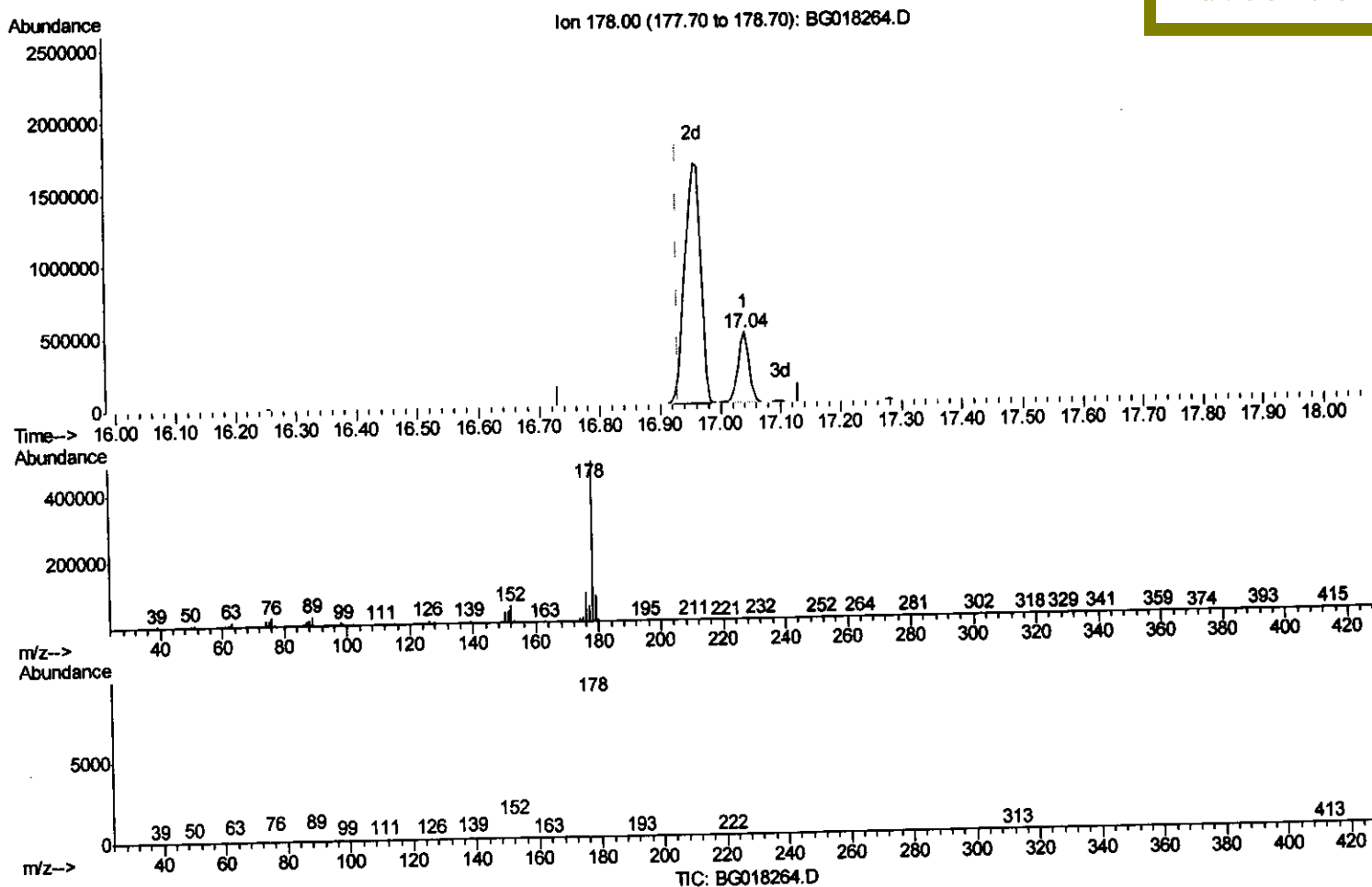
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018264.D
Acq On : 4 Aug 2015 21:50
Operator : UM/TP
Sample : G3109-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 05 02:30:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01J2

Manual Integrations
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MMDadoda
8/7/2015 4:40:43 PM



(70) Phenanthrene

17.041min (+0.110) 66.17ng/ul

response 631188

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.19
176.00	20.00	18.76
0.00	0.00	0.00

Quantitation Report (Qedit)

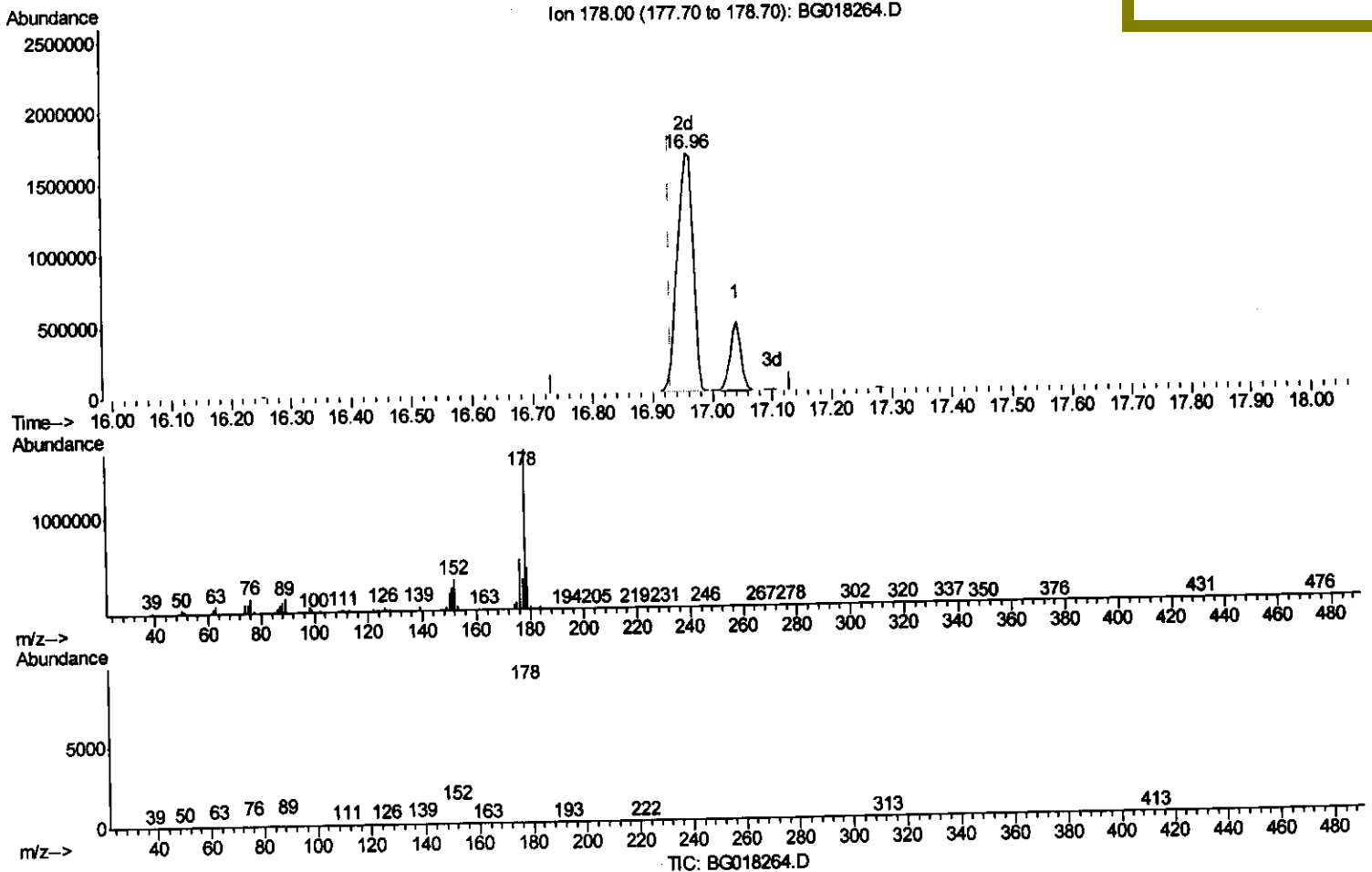
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
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Instrument :
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(70) Phenanthrene

16.958min (+0.028) 324.46ng/ul m

response 3094842

Ion Exp% Act%

178.00 100 100

179.00 16.00 26.31#

176.00 20.00 31.41#

0.00 0.00 0.00

T. P
 8/8/15

Quantitation Report (Qedit)

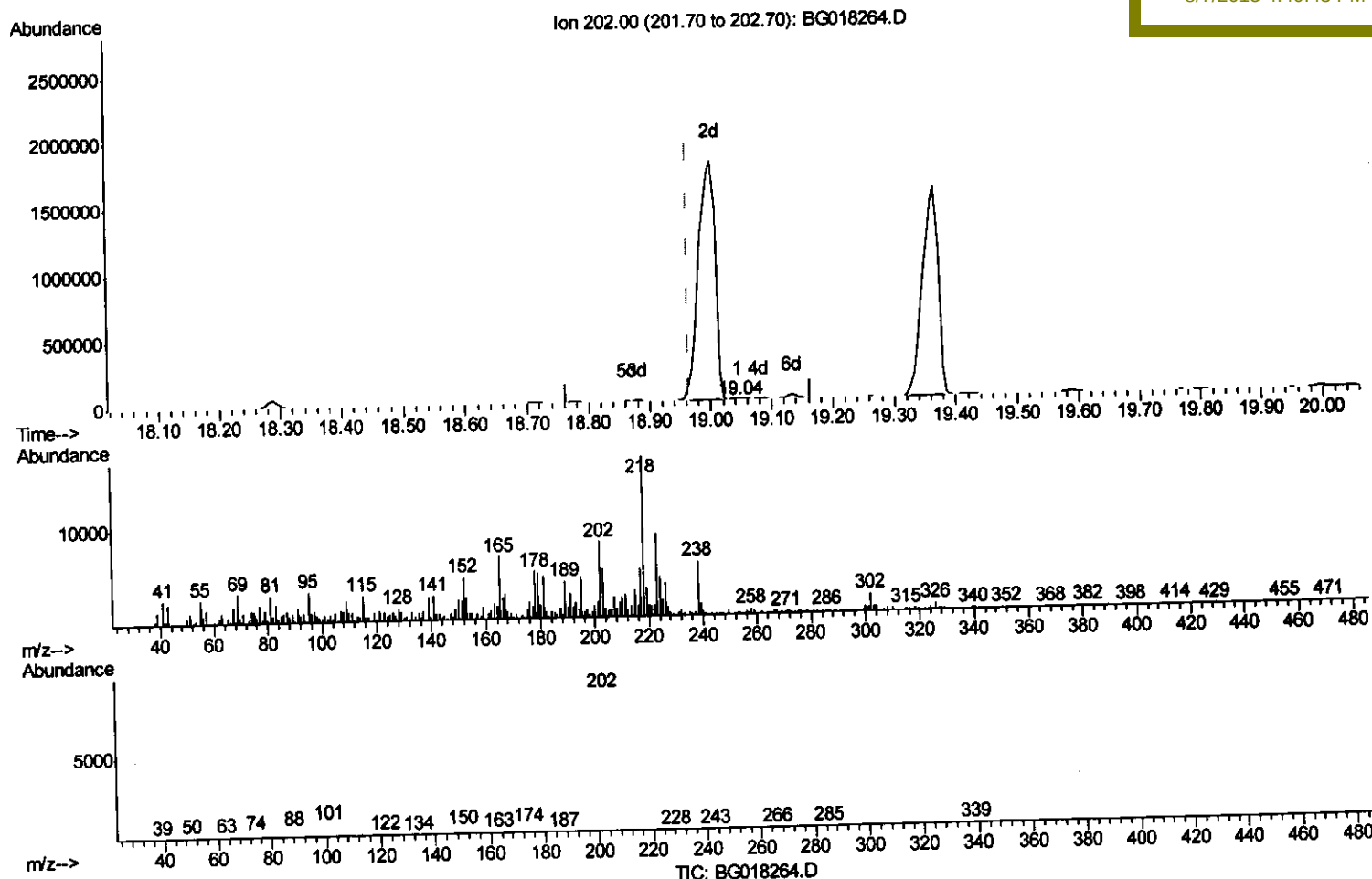
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
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(77) Fluoranthene (C)

19.044min (+0.081) 0.56ng/ul

response 5888

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	10.00
100.00	6.90	6.60
0.00	0.00	0.00

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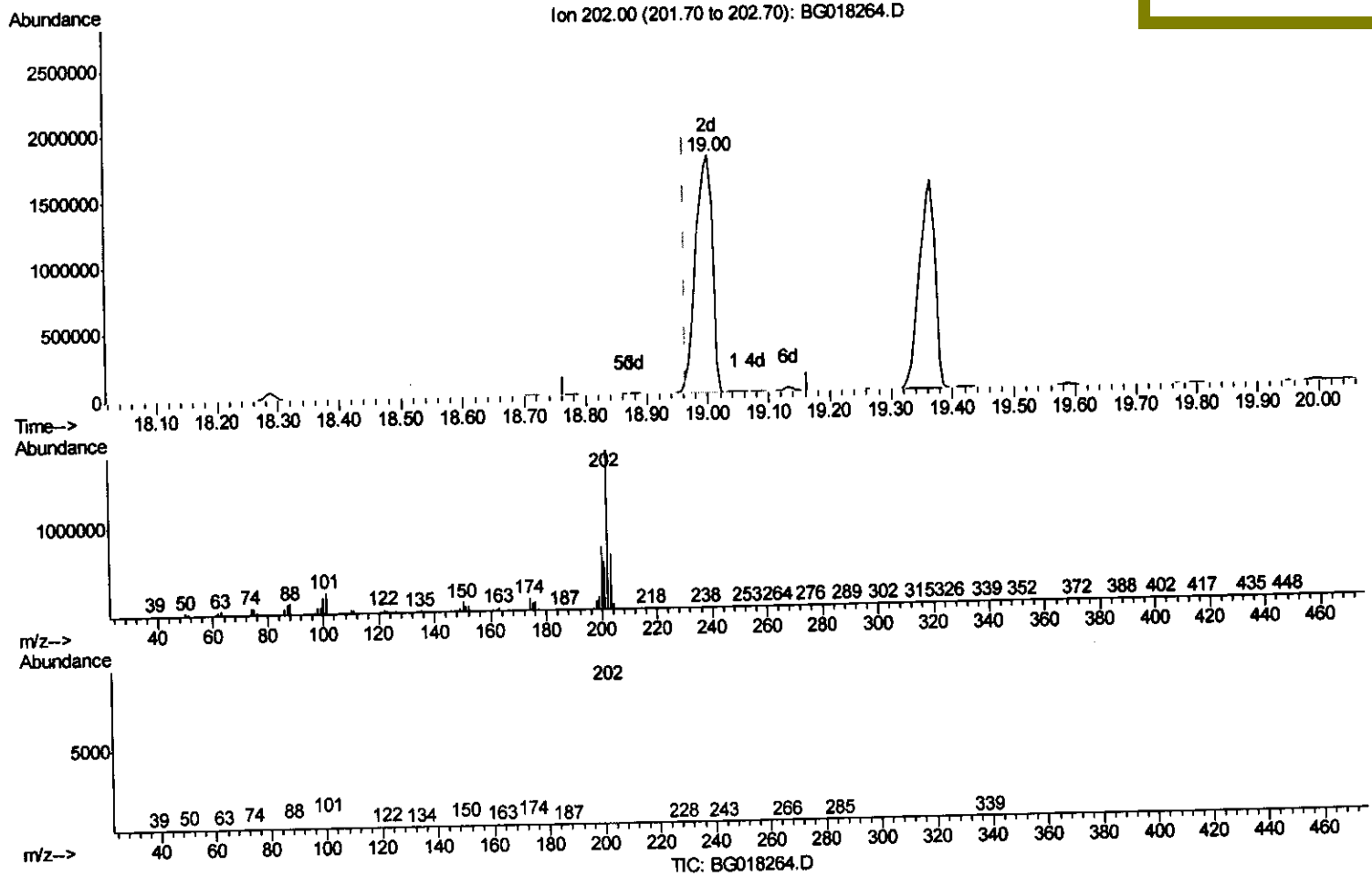
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
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(77) Fluoranthene (C)

19.003min (+0.040) 324.84ng/ul m

response 3403032

T.P
 8/8/15

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	13.05#
100.00	6.90	10.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

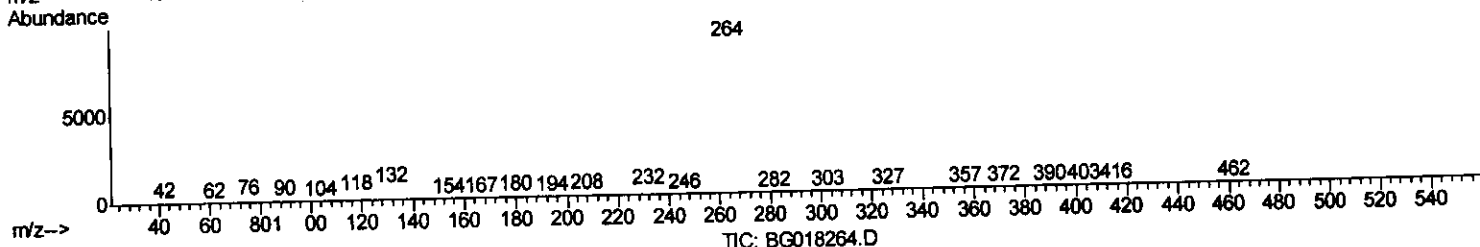
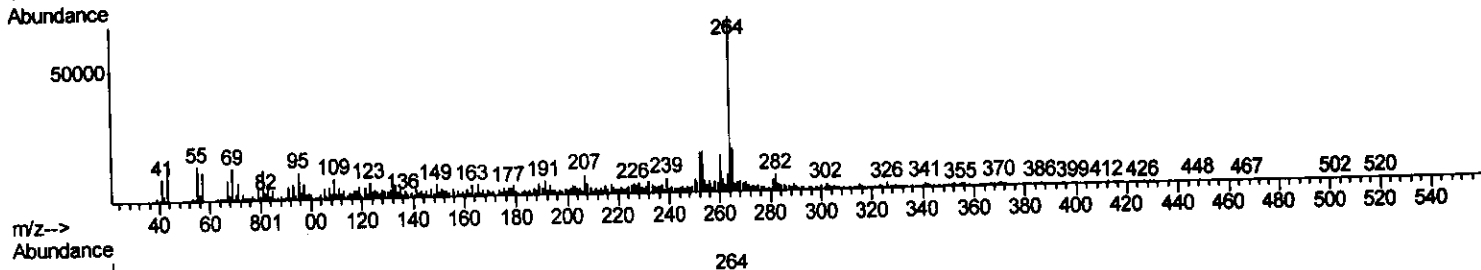
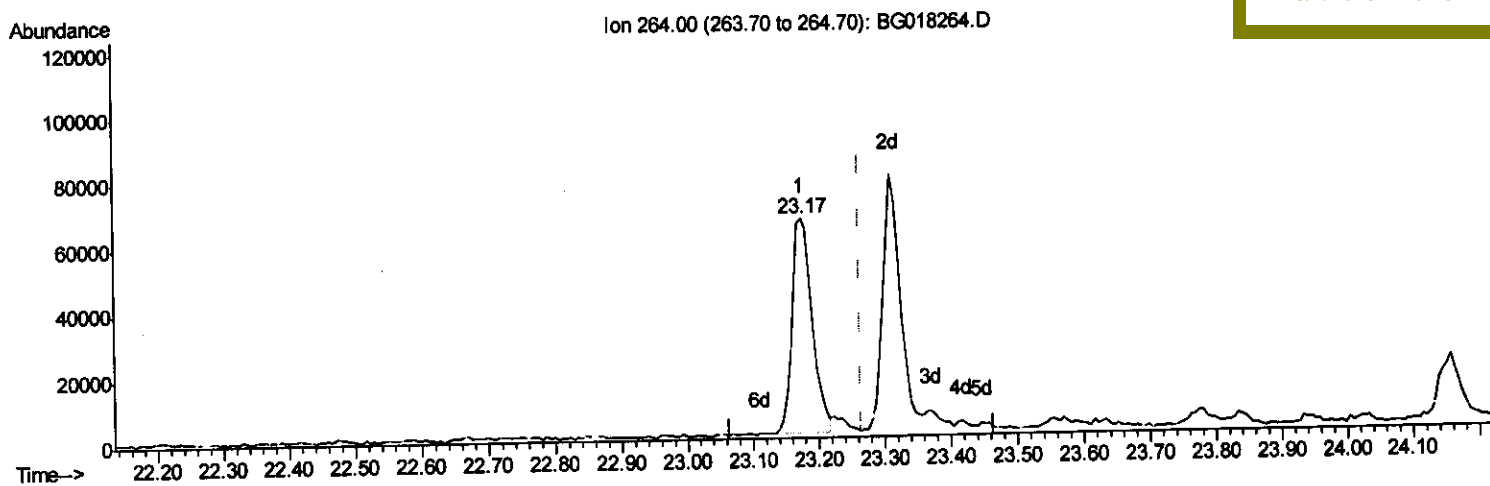
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
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 Operator : UM/TP
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(86) Perylene-d12 (I)

23.175min (-0.090) 20.00ng/ul

response 141981

Ion	Exp%	Act%
264.00	100	100
260.00	22.50	21.14
265.00	22.20	25.02
0.00	0.00	0.00

Quantitation Report (Qedit)

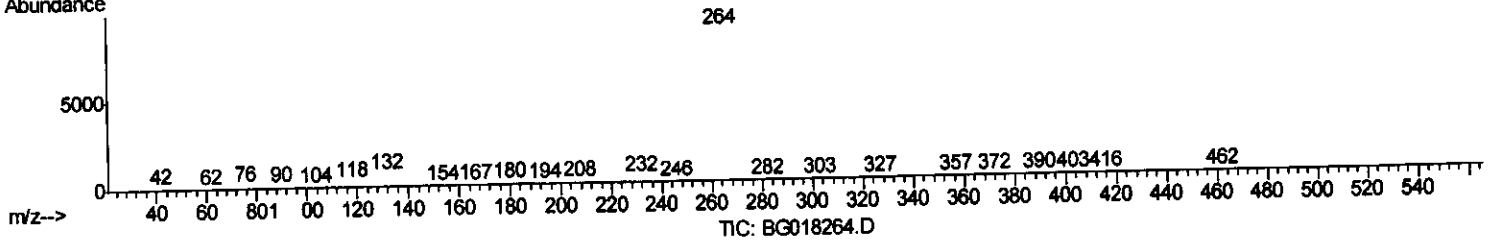
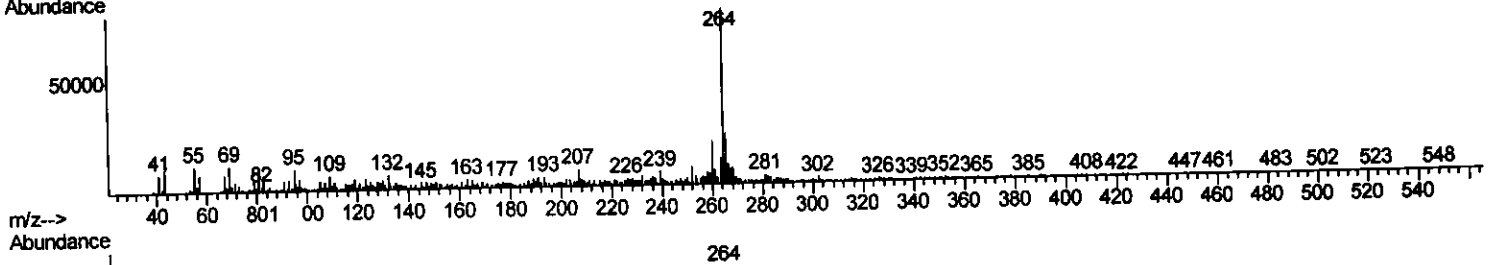
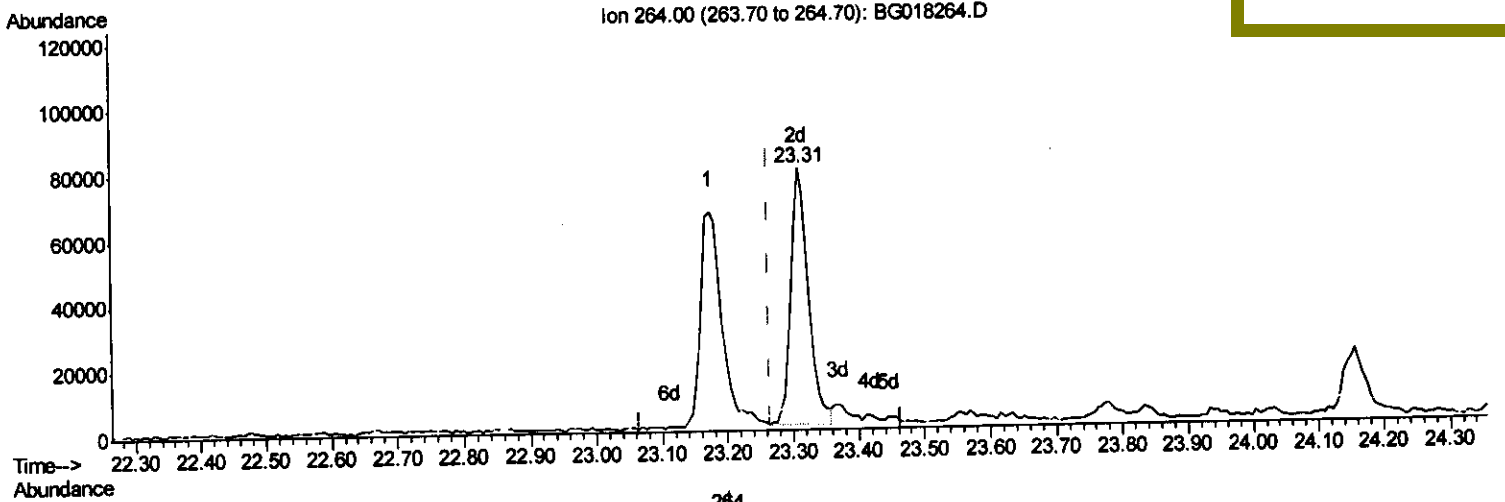
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(86) Perylene-d12 (I)

23.310min (+0.046) 20.00ng/ul m

response 148244

Ion	Exp%	Act%
264.00	100	100
260.00	22.50	24.79
265.00	22.20	29.21#
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

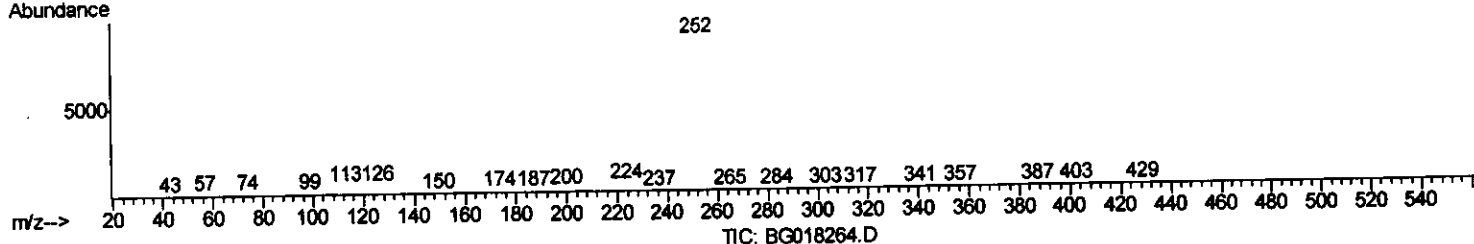
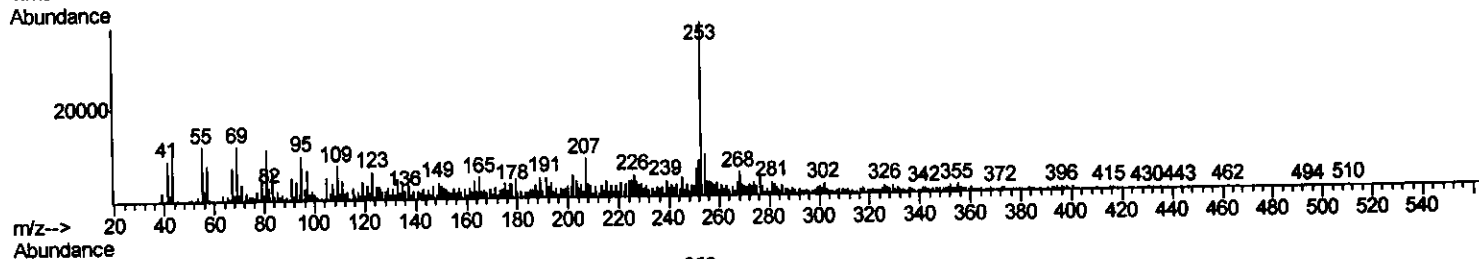
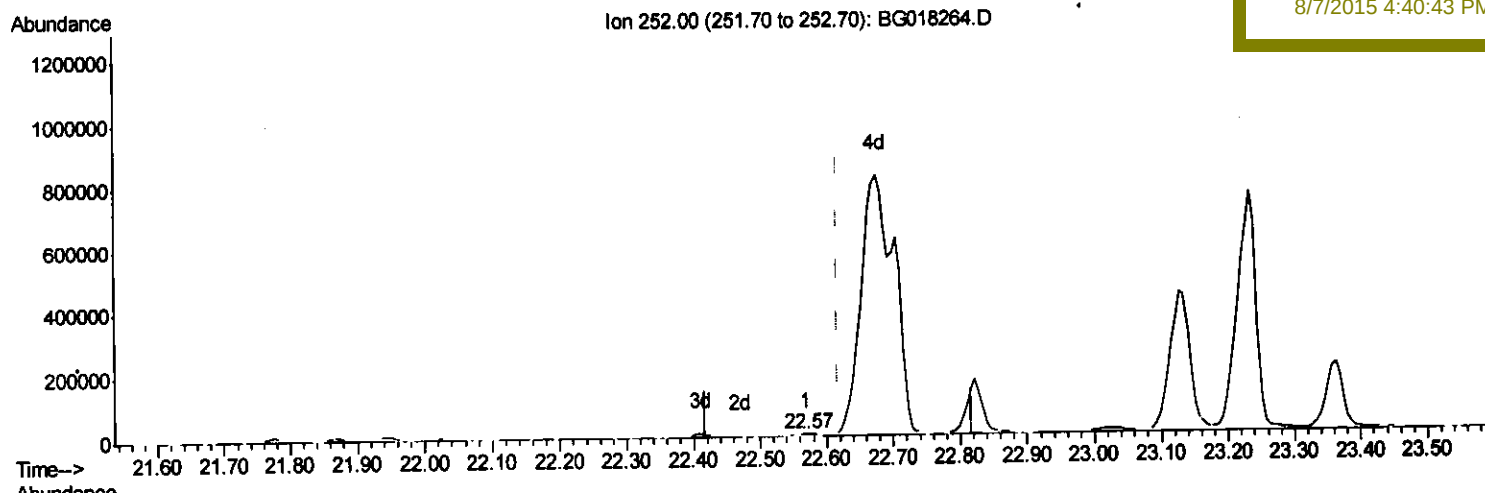
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(88) Benzo(b)fluoranthene

22.570min (-0.048) 1.30ng/ul

response 11592

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	479.55#
125.00	9.20	36.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

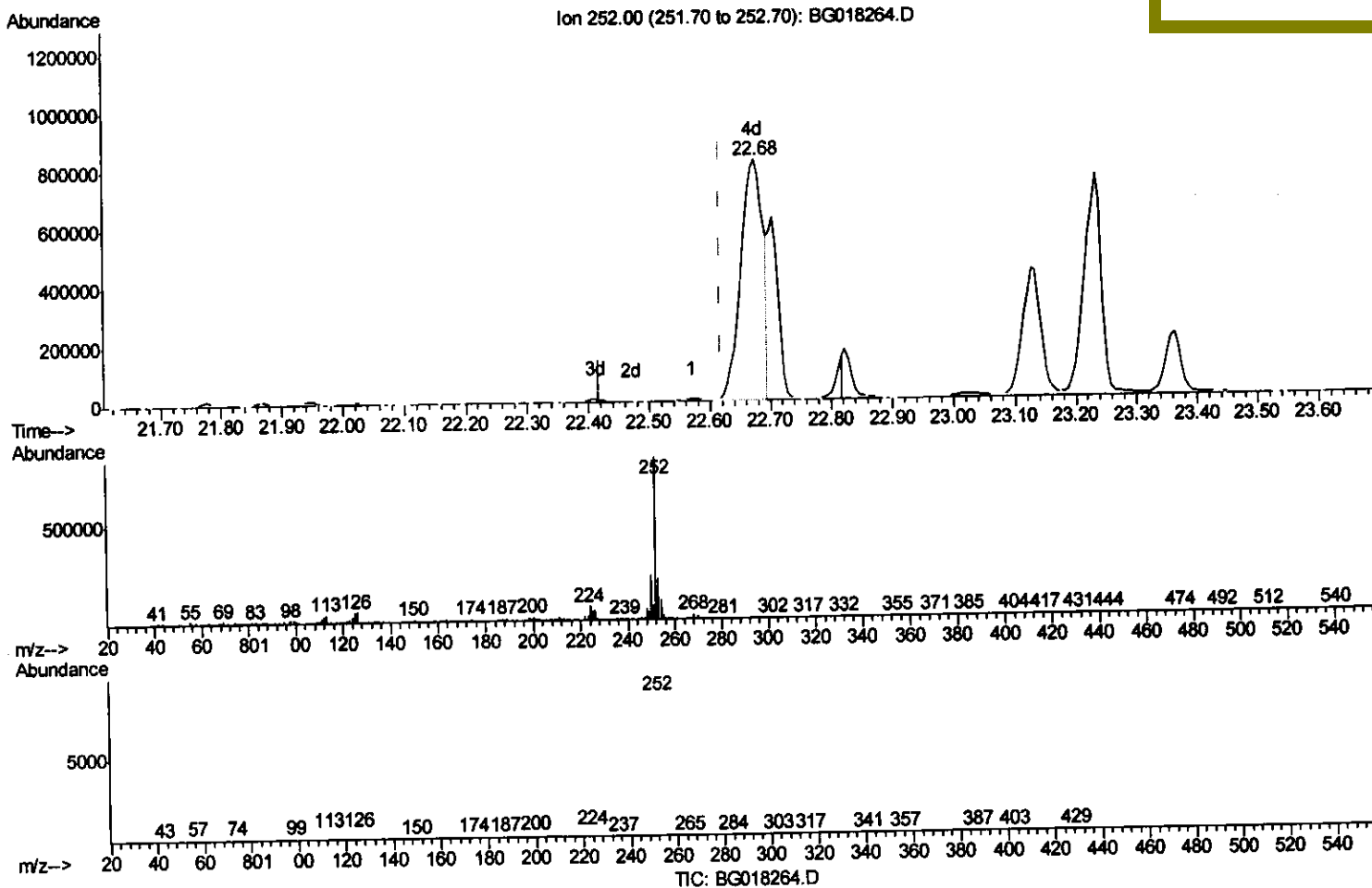
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018264.D
Acq On : 4 Aug 2015 21:50
Operator : UM/TP
Sample : G3109-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2

Quant Time: Aug 05 02:30:48 2015
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Manual Integrations
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(88) Benzo(b)fluoranthene

22.675min (+0.057) 237.55ng/ul m

response 2115576

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.40
125.00	9.20	6.00#
0.00	0.00	0.00

TP
8/8/15

Quantitation Report (Qedit)

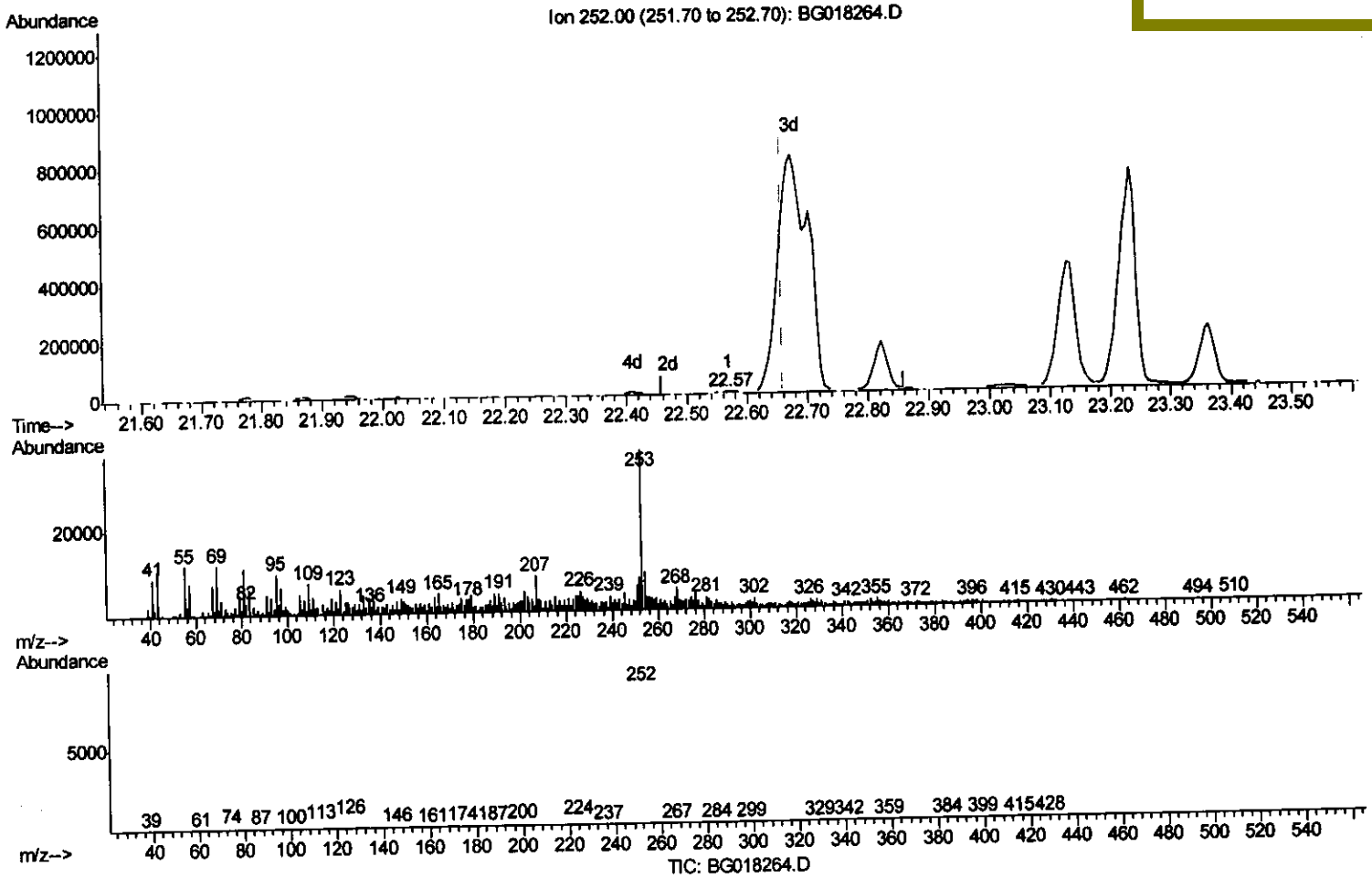
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2

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Manual Integrations
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(89) Benzo(k)fluoranthene

22.570min (-0.089) 1.42ng/ui

response 11592

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	479.55#
125.00	9.40	36.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

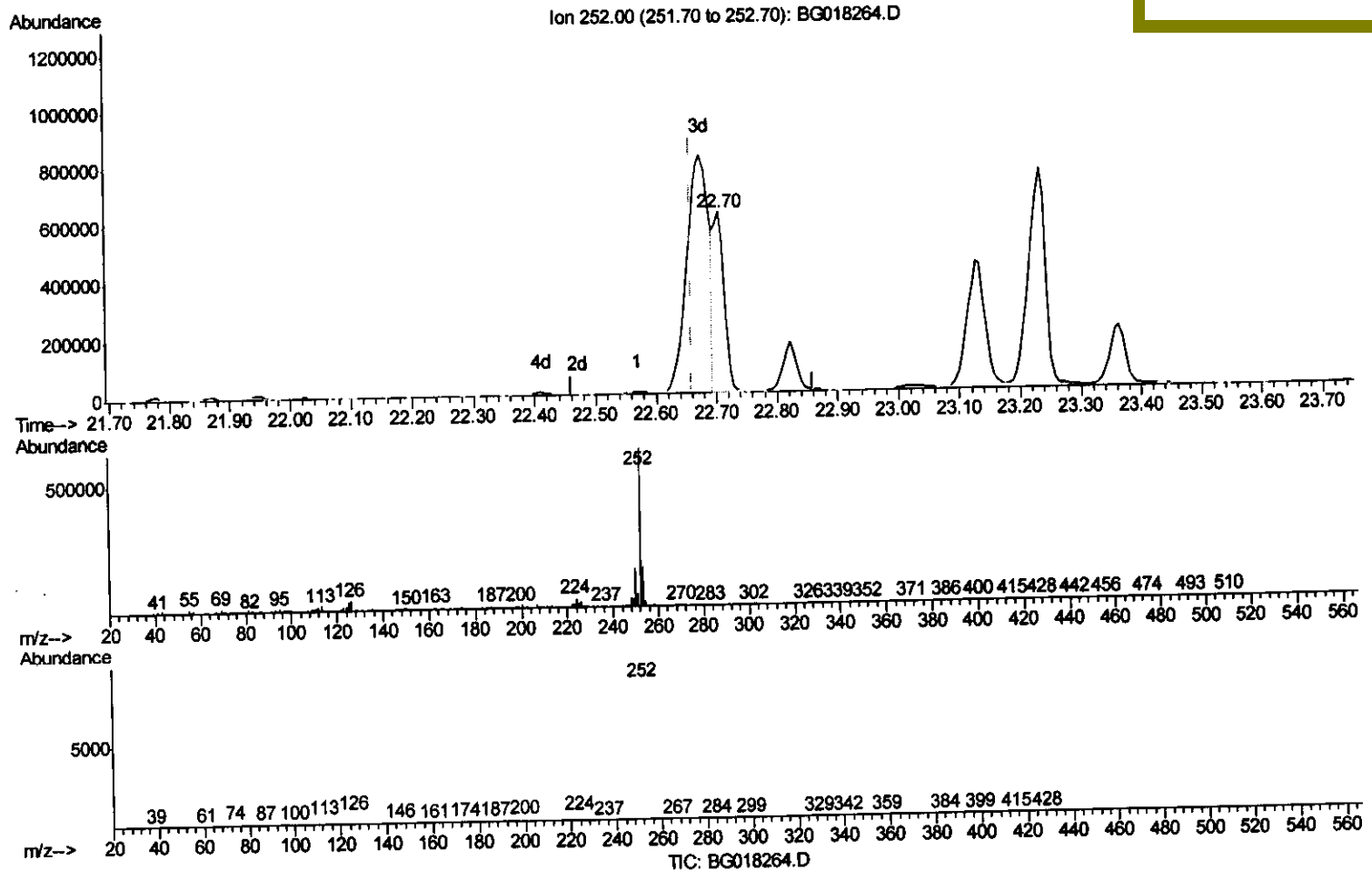
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2

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Manual Integrations
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(89) Benzo(k)fluoranthene

22.705min (+0.046) 92.03ng/ul m

response 753213

Ion Exp% Act%

252.00	100	100
253.00	22.70	24.78
125.00	9.40	5.52#
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

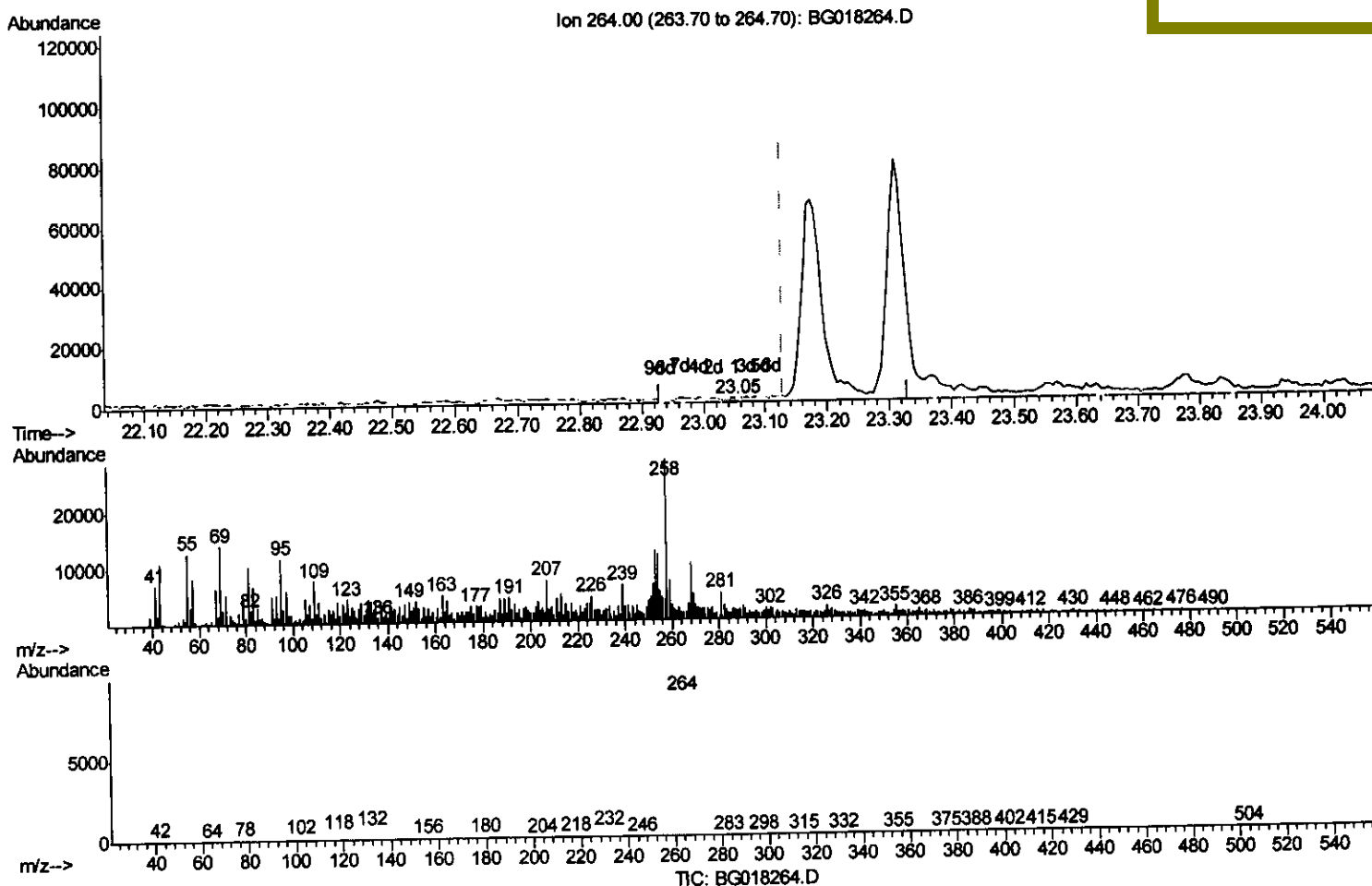
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018264.D
Acq On : 4 Aug 2015 21:50
Operator : UM/TP
Sample : G3109-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2

Quant Time: Aug 05 02:30:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
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Manual Integrations
APPROVED

MMDadoda
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(90) Benzo(a)pyrene-d12 (S)

23.051min (-0.078) 0.13ng/ul

response 1006

Ion	Exp%	Act%
264.00	100	100
132.00	15.20	113.42#
118.00	7.60	77.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

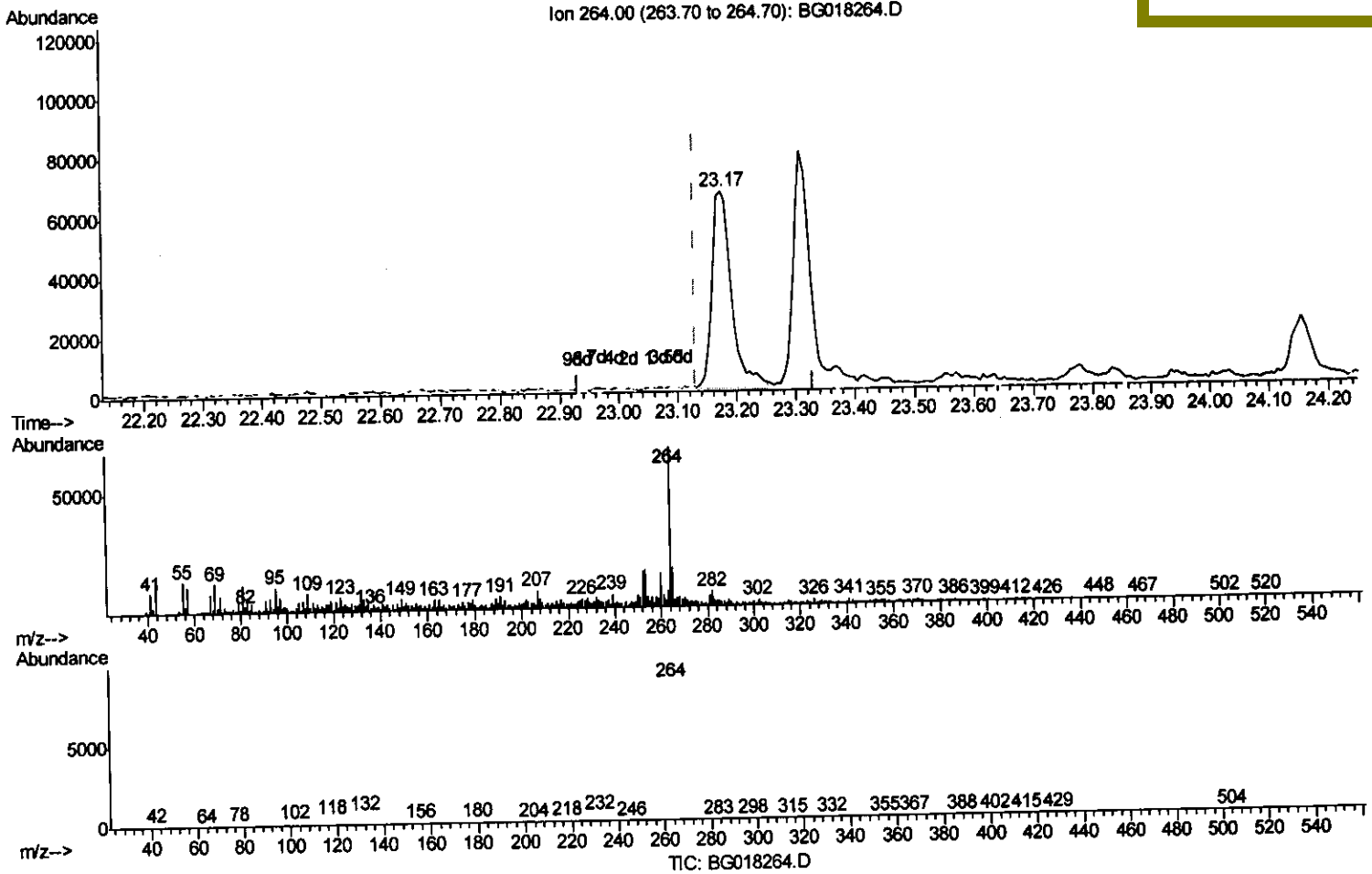
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2

Quant Time: Aug 05 02:30:48 2015
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Manual Integrations
 APPROVED

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 8/7/2015 4:40:43 PM



(90) Benzo(a)pyrene-d12 (S)

23.175min (+0.046) 20.44ng/ul m *TP*
8/8/15

response 153269

Ion	Exp%	Act%
264.00	100	100
132.00	15.20	6.62#
118.00	7.60	5.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

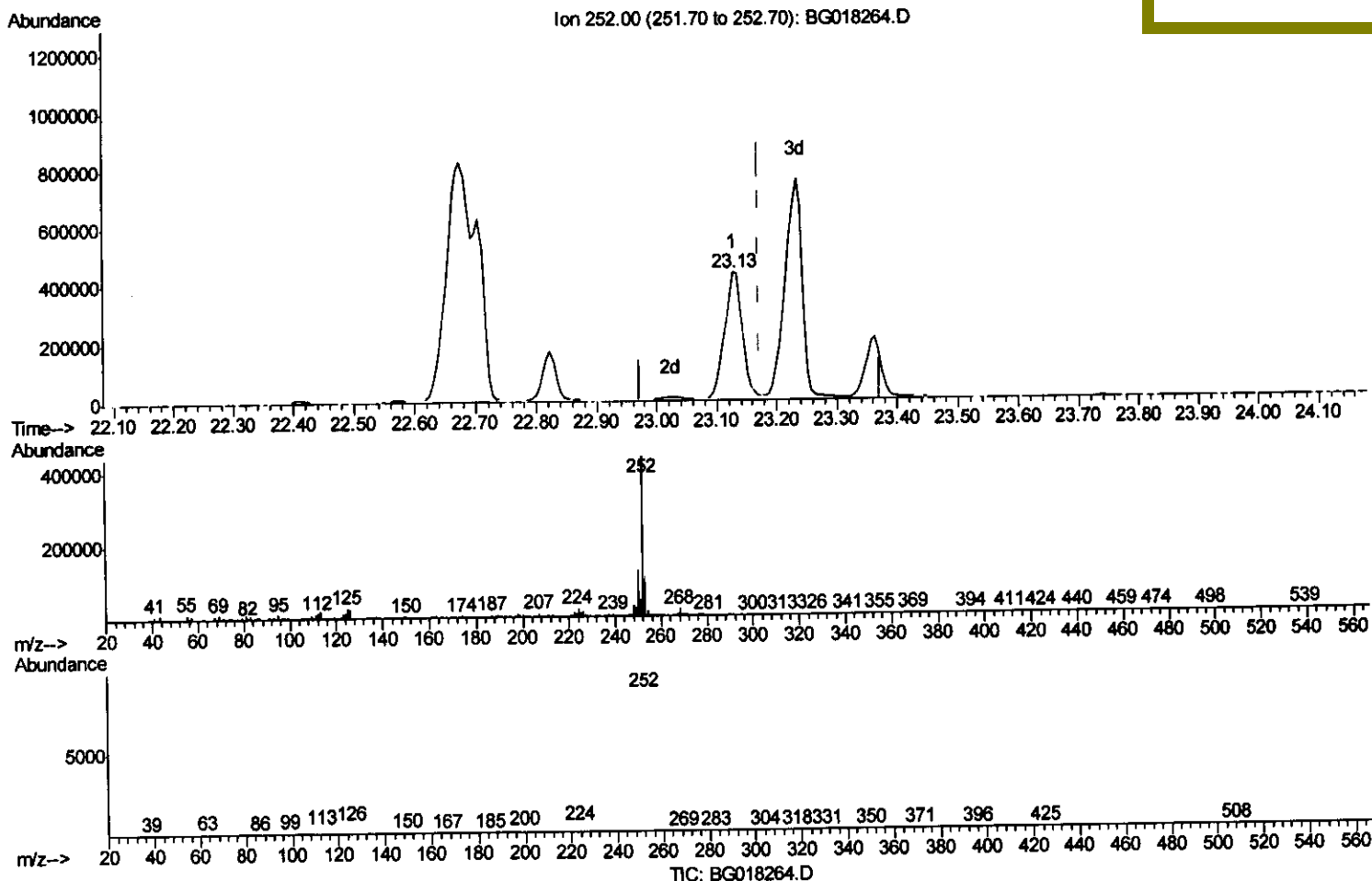
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018264.D
Acq On : 4 Aug 2015 21:50
Operator : UM/TP
Sample : G3109-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2

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Manual Integrations
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(91) Benzo(a)pyrene (C)

23.128min (-0.042) 113.69ng/ui

response 905803

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.68
125.00	9.10	6.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

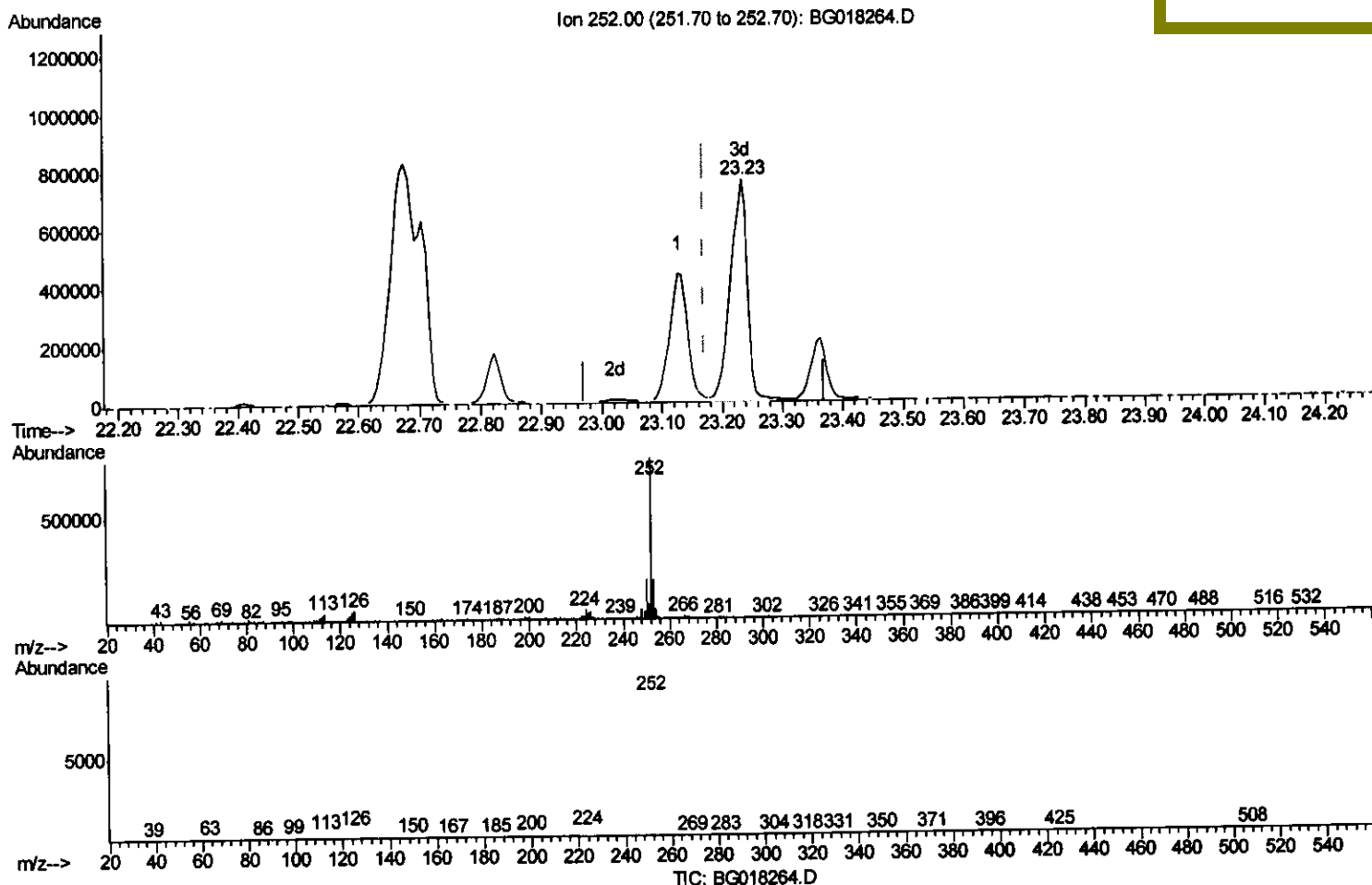
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018264.D
Acq On : 4 Aug 2015 21:50
Operator : UM/TP
Sample : G3109-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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(91) Benzo(a)pyrene (C)

23.233min (+0.063) 190.07ng/ul m

response 1514343

T.P
8/8/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.97
125.00	9.10	5.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

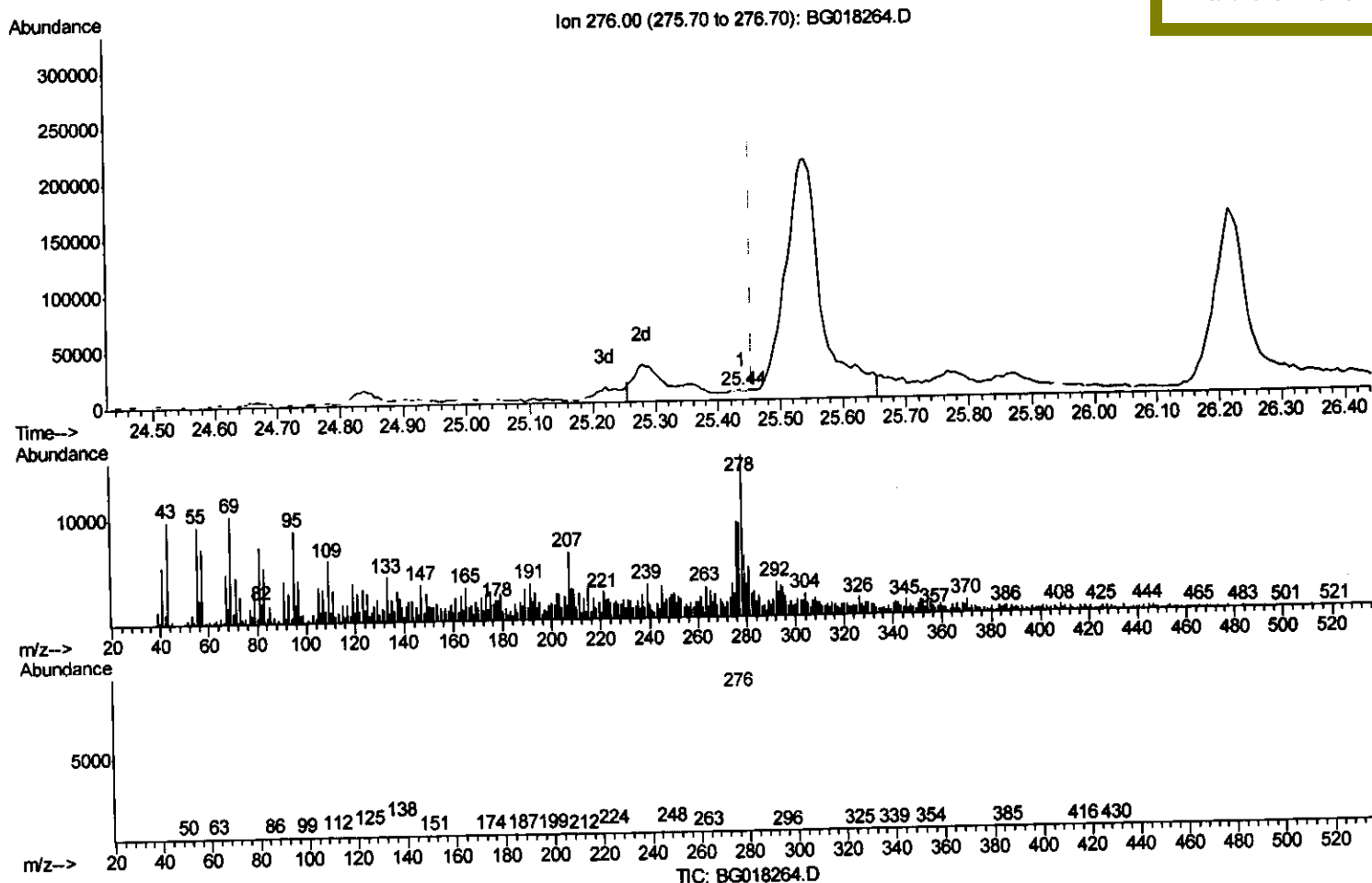
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
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 ALS Vial : 22 Sample Multiplier: 1

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

25.437min (-0.019) 0.09ng/ul

response 846

Ion	Exp%	Act%
276.00	100	100
138.00	21.50	25.51
277.00	24.40	99.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

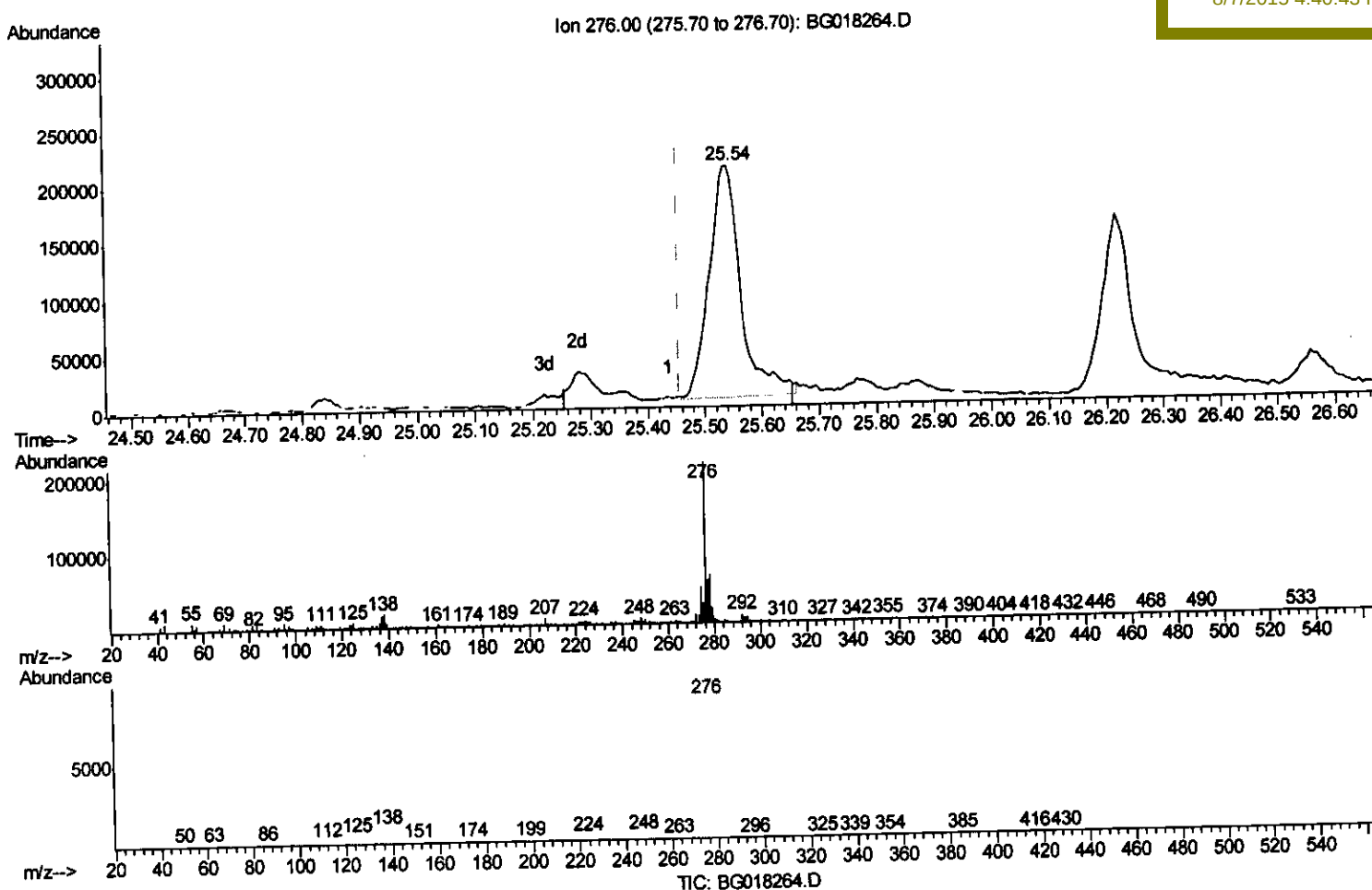
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
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(92) Indeno(1,2,3-cd)pyrene

25.543min (+0.087) 85.51ng/ul m

response 788137

Ion Exp% Act%

276.00	100	100
138.00	21.50	8.80#
277.00	24.40	26.92
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

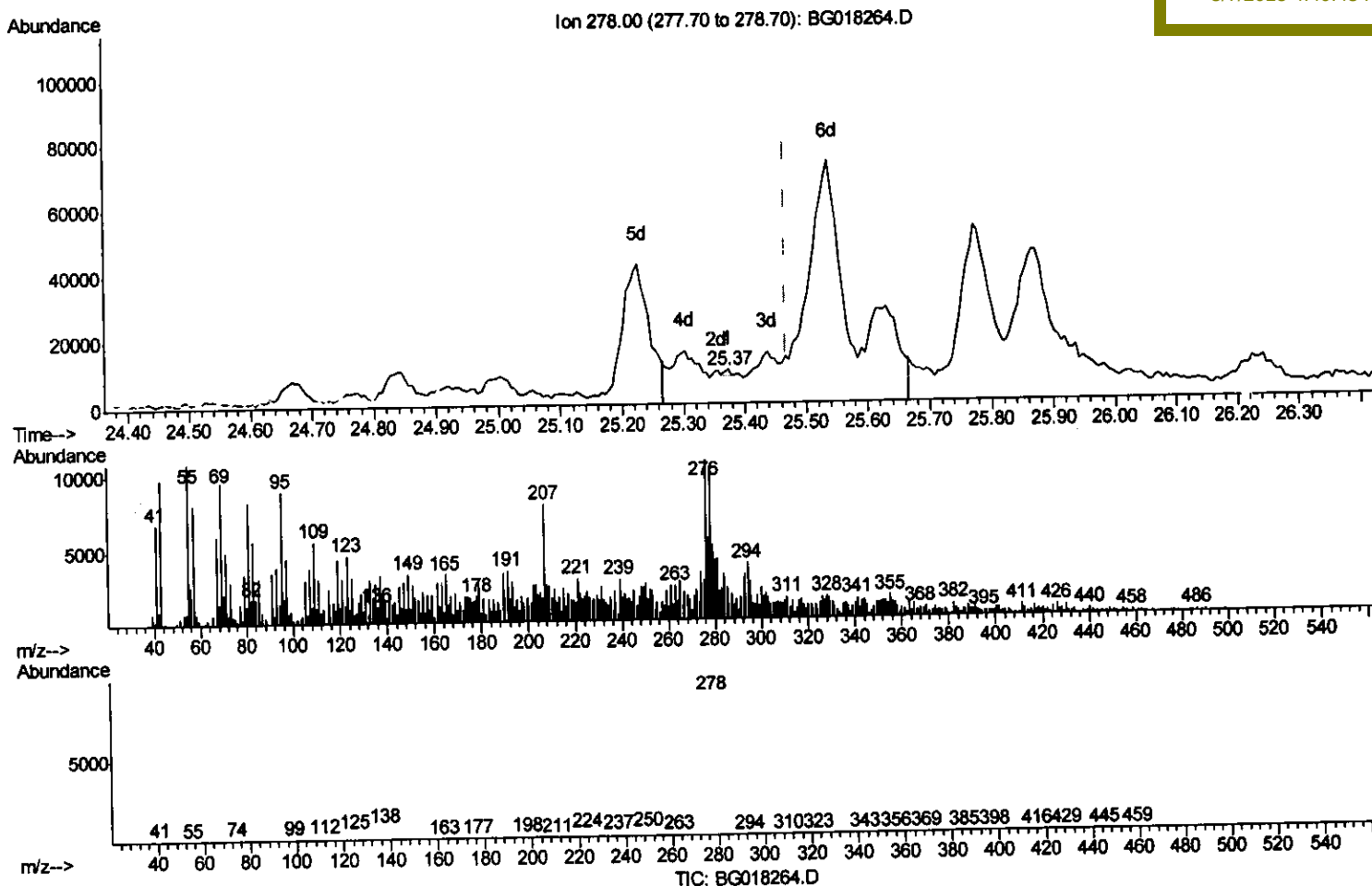
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018264.D
Acq On : 4 Aug 2015 21:50
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Instrument :
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(93) Dibenzo(a,h)anthracene

25.372min (-0.095) 0.12ng/ul

response 978

Ion	Exp%	Act%
278.00	100	100
139.00	15.20	15.68
279.00	25.00	49.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

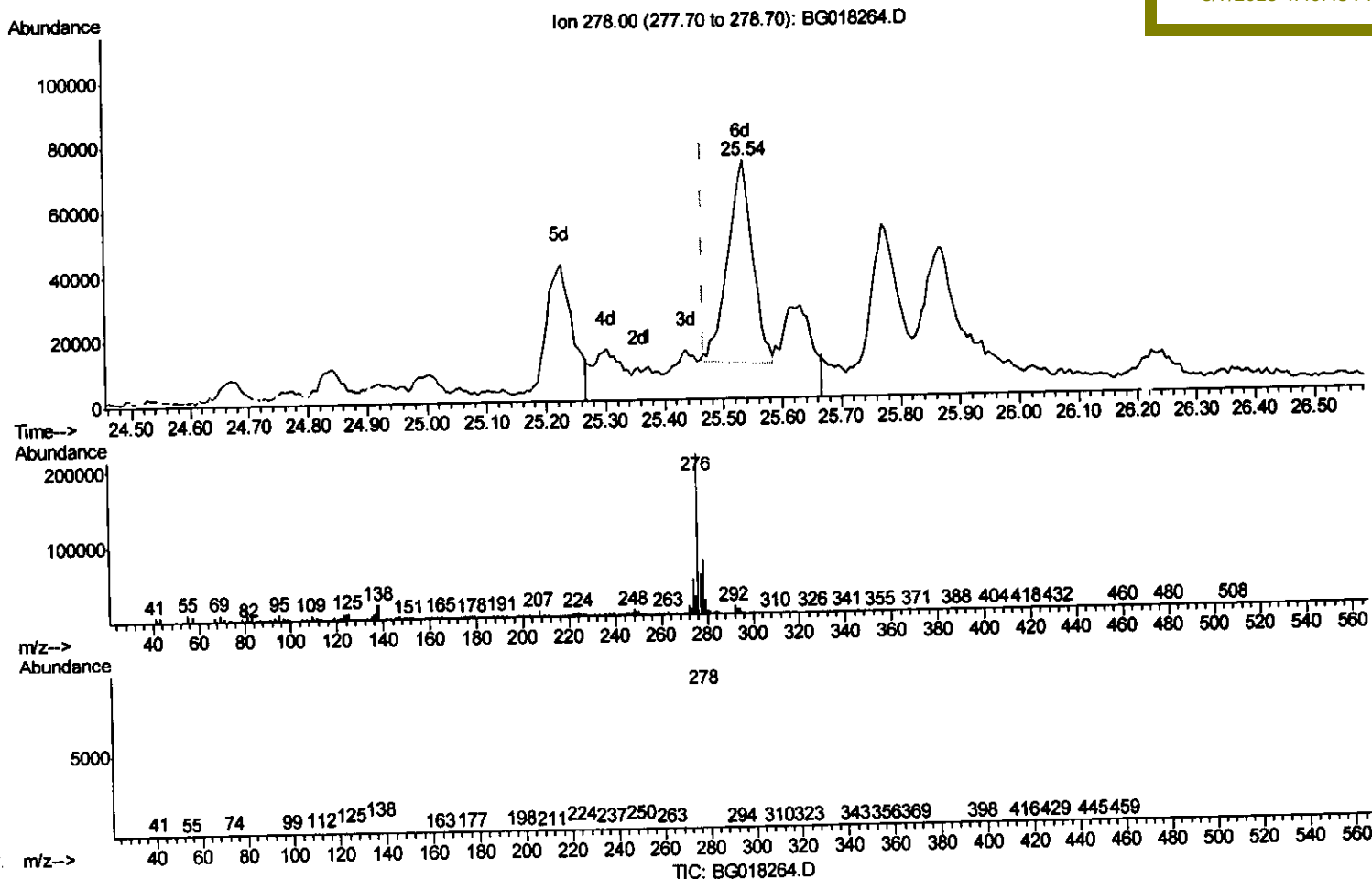
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
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 ALS Vial : 22 Sample Multiplier: 1

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(93) Dibenzo(a,h)anthracene

25.537min (+0.069) 23.35ng/ul m

response 184284

T.P
 8/8/15

Ion	Exp%	Act%
278.00	100	100
139.00	15.20	0.00#
279.00	25.00	27.38
0.00	0.00	0.00

Quantitation Report (Qedit)

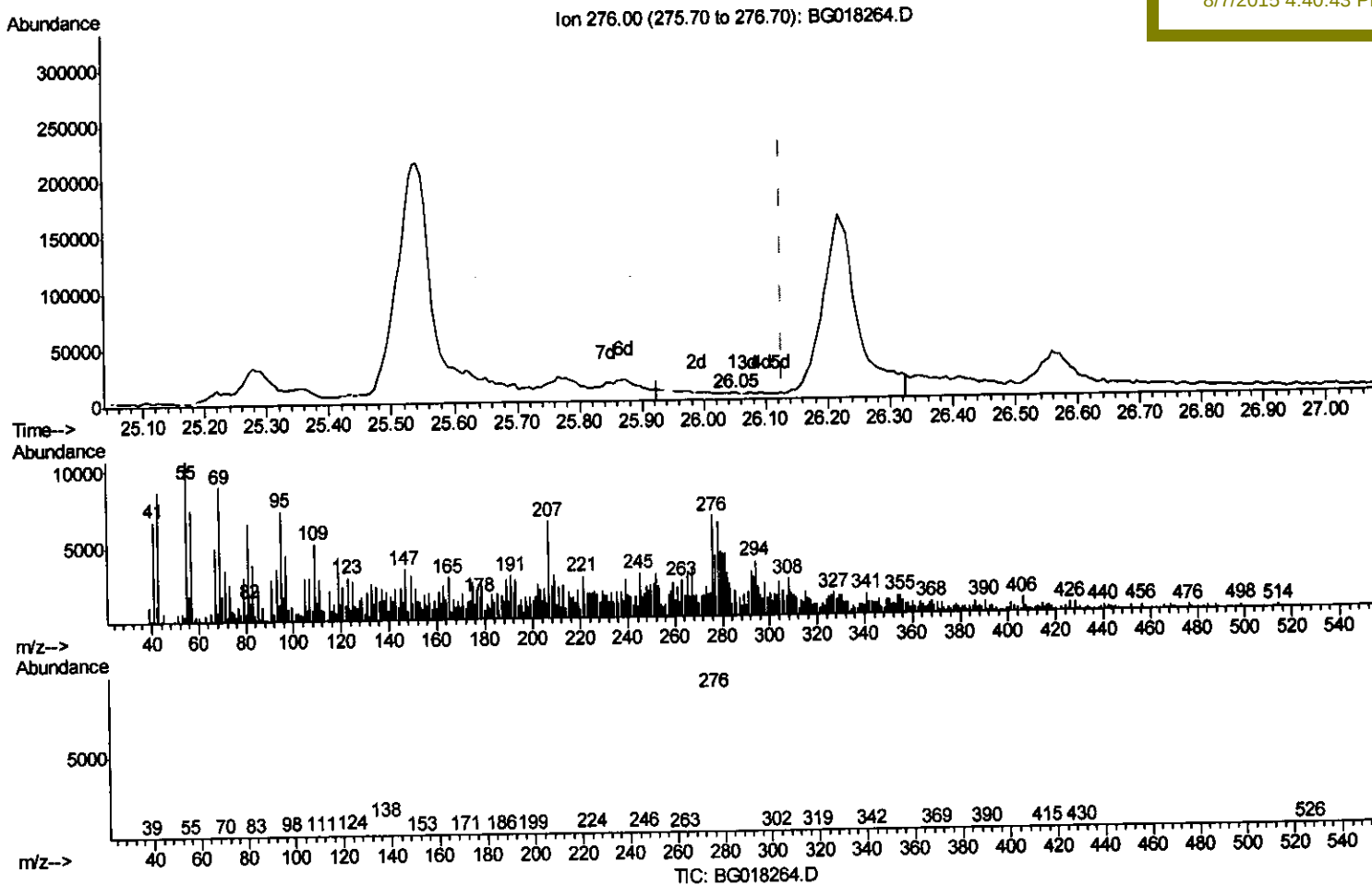
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(94) Benzo(g,h,i)perylene

26.048min (-0.078) 0.26ng/ul

response 1920

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	22.24
277.00	24.70	62.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

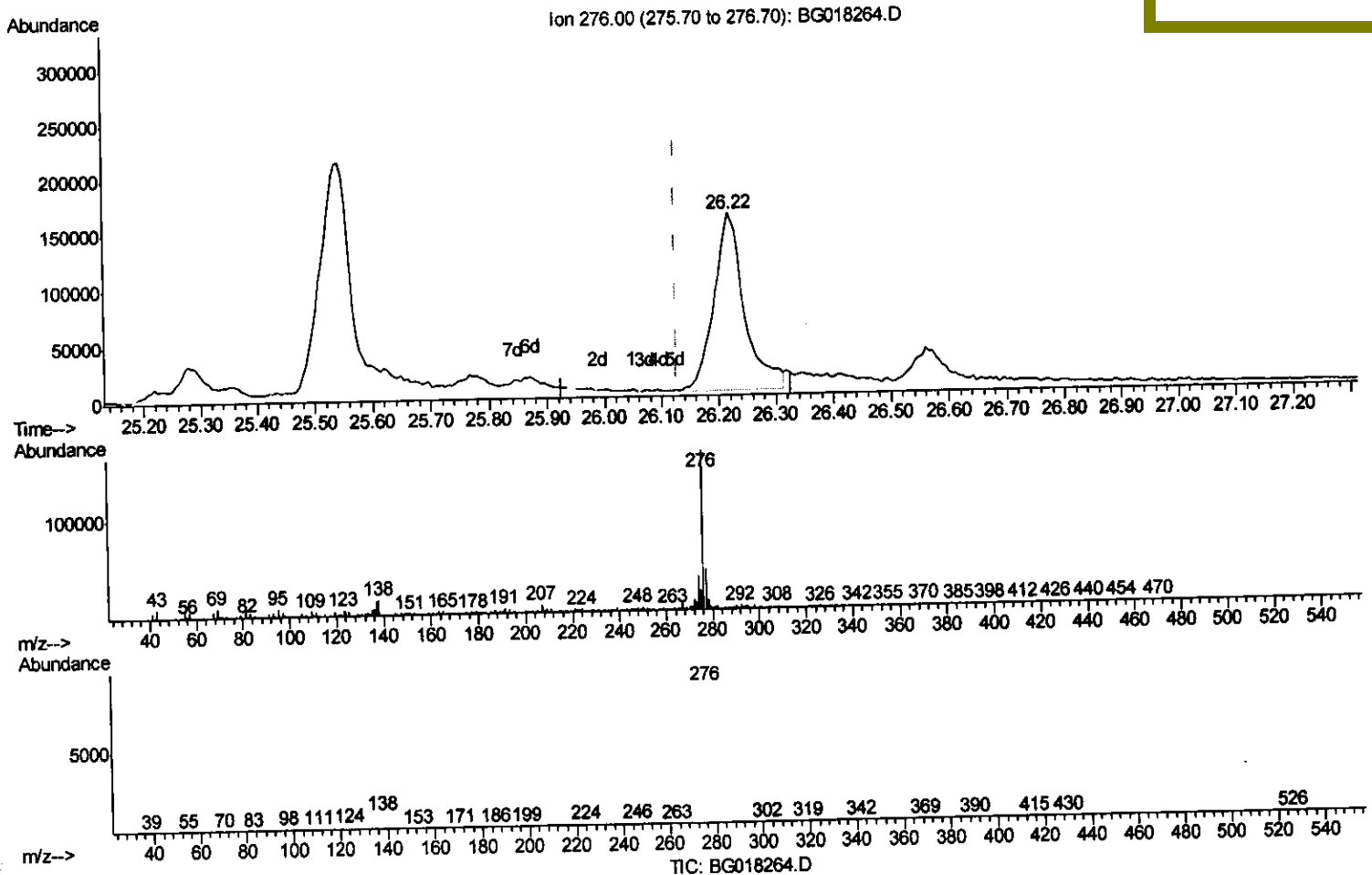
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2

Quant Time: Aug 05 02:30:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(94) Benzo(g,h,i)perylene

26.218min (+0.093) 78.95ng/ul m

response 594326

Ion Exp% Act%

276.00	100	100
138.00	18.90	9.73#
277.00	24.70	25.33
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

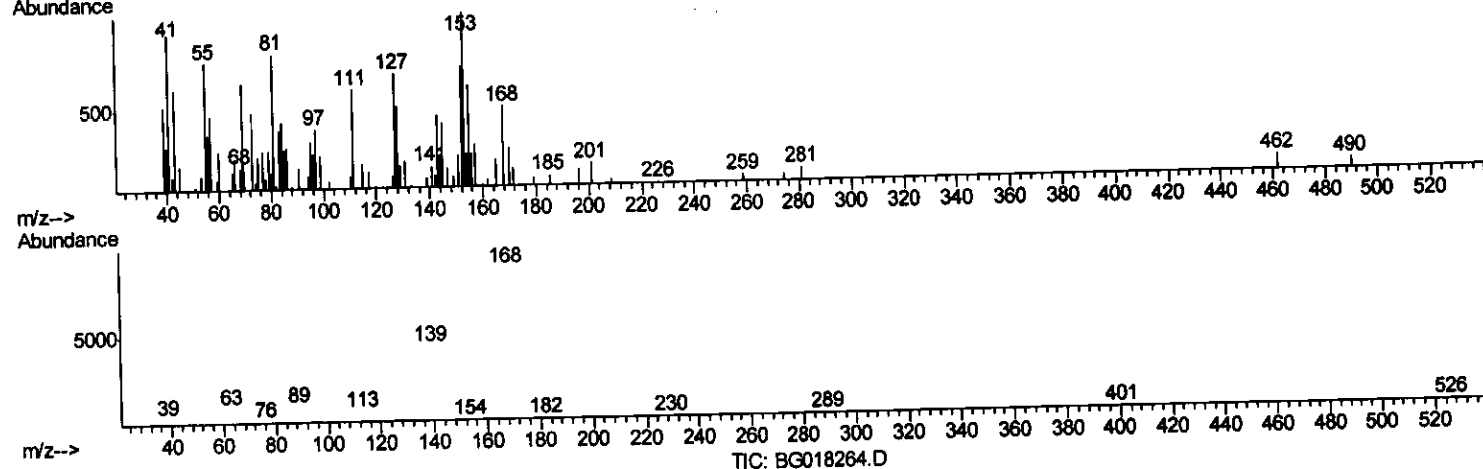
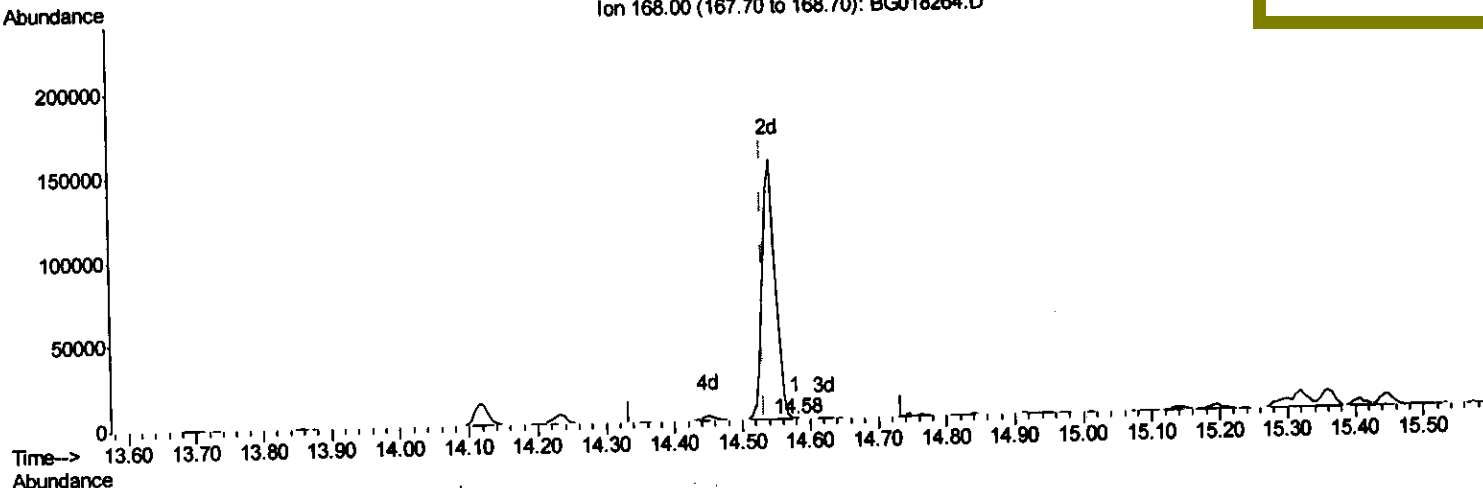
Instrument :
 BNA_G
 ClientSampleId :
 C01J2

Manual Integration
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Quant Time: Aug 05 04:50:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Ion 168.00 (167.70 to 168.70): BG018264.D



(54) Dibenzofuran

14.579min (+0.046) 0.03ng/ul

response 304

Ion	Exp%	Act%
168.00	100	100
139.00	33.50	38.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

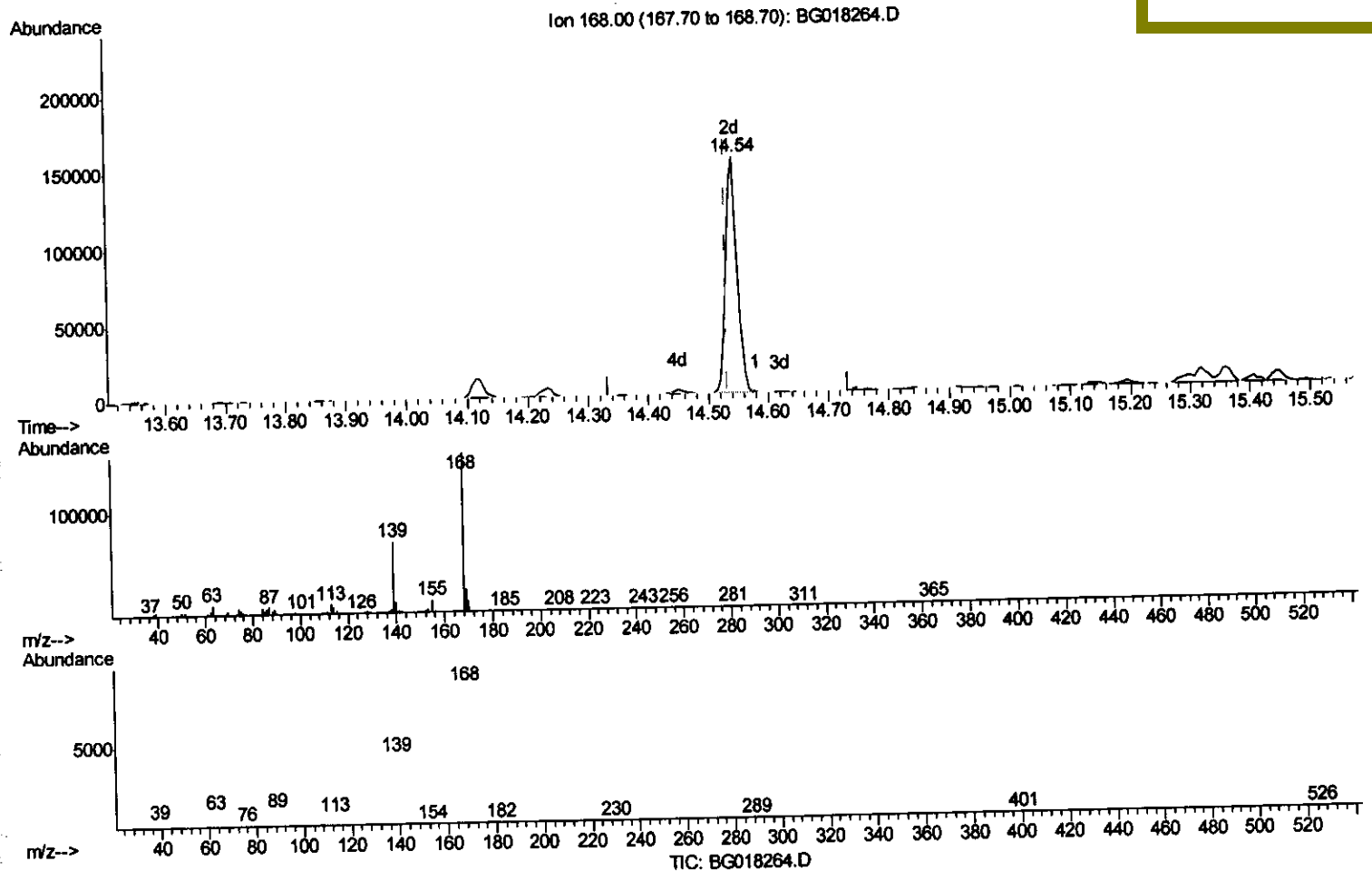
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2

Quant Time: Aug 05 04:50:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:43 PM



(54) Dibenzofuran

14.544min (+0.010) 20.43ng/ul m

response 207921

Ion Exp% Act%

168.00 100 100

139.00 33.50 44.79#

0.00 0.00 0.00

0.00 0.00 0.00

T.P
 8/8/15

(LSC Reviewed)

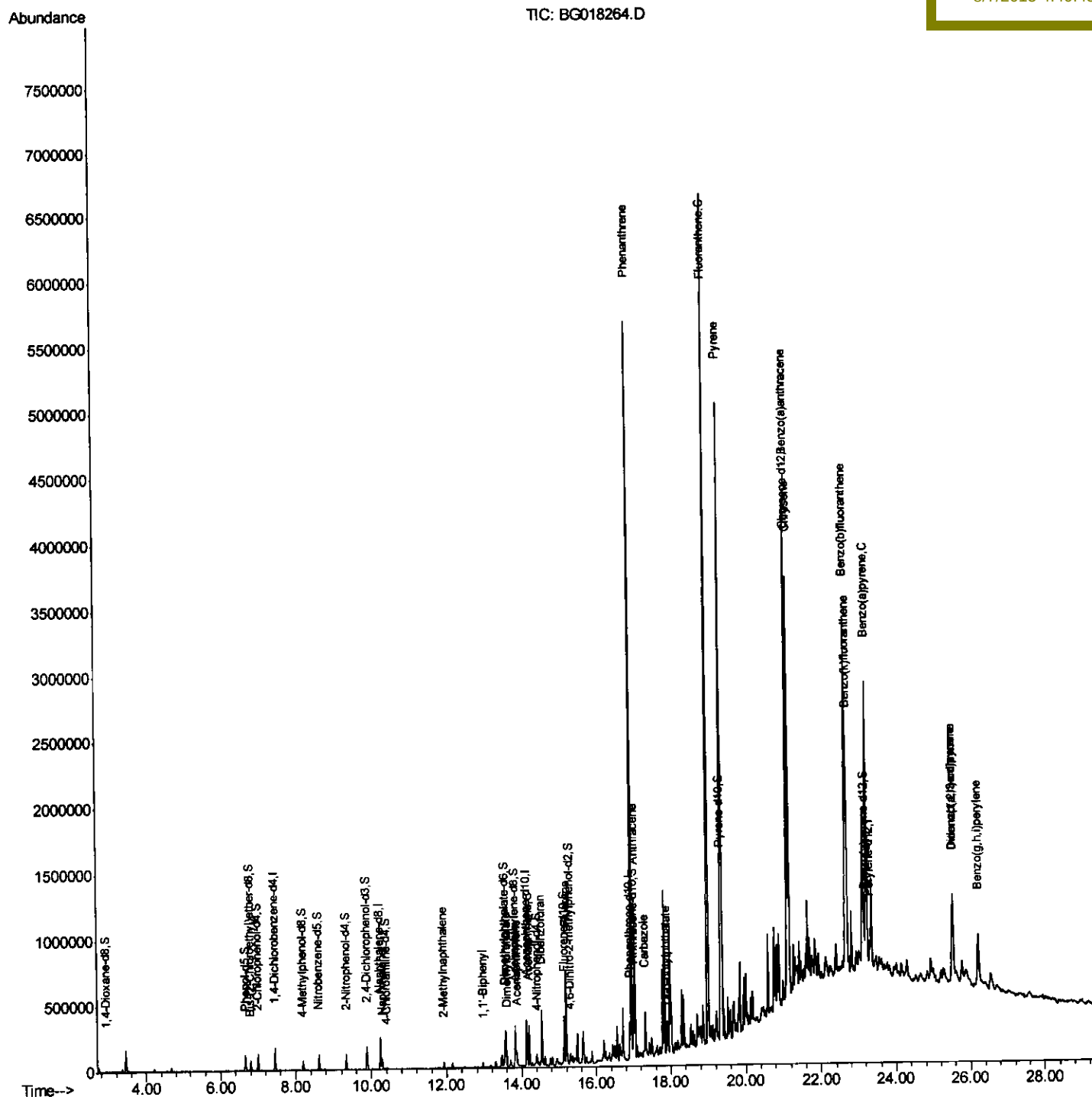
```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG080415\  
Data File  : BG018264.D  
Acq On     : 4 Aug 2015 21:50  
Operator   : UM/TP  
Sample     : G3109-08  
Misc       :  
ALS Vial   : 22      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C01J2

Quant Time: Aug 14 03:04:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018264.D
 Acq On : 4 Aug 2015 21:50
 Operator : UM/TP
 Sample : G3109-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2

Quant Time: Aug 14 03:04:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	43105	20.00	ng/ul	0.01
18) Naphthalene-d8	10.24	136	193886	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	116558	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	187759	20.00	ng/ul	0.01
78) Chrysene-d12	21.12	240	170671	20.00	ng/ul	0.02
86) Perylene-d12	23.31	264	148244m	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	797	1.40	ng/uL	0.00
5) Phenol-d5	6.66	99	62480	16.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	30954	15.62	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	52839	18.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	24594	7.79	ng/ul	0.02
19) Nitrobenzene-d5	8.61	128	28703	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	33450	19.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	54699	17.66	ng/ul	0.01
29) 4-Chloroaniline-d4	10.40	131	5911	1.53	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	174842	19.41	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	205159	19.64	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	21147	12.69	ng/ul	0.01
58) Fluorene-d10	15.14	176	149516	18.34	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	12695	9.68	ng/ul	0.02
71) Anthracene-d10	17.01	188	163714	20.05	ng/ul	0.02
79) Pyrene-d10	19.32	212	128748	15.59	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.17	264	153269m	20.44	ng/ul	0.05

Target Compounds

					Qvalue
28) Naphthalene	10.29	128	58620	6.28	ng/ul 97
34) 2-Methylnaphthalene	11.92	142	24076	3.26	ng/ul 96
41) 1,1'-Biphenyl	12.96	154	15040	1.81	ng/ul# 89
45) Dimethylphthalate	13.60	163	70097	7.82	ng/ul# 95
48) Acenaphthylene	13.86	152	111442	10.74	ng/ul 98
50) Acenaphthene	14.20	153	116314	17.22	ng/ul 93
54) Dibenzofuran	14.54	168	207921m	20.43	ng/ul
59) Fluorene	15.20	166	283047	32.24	ng/ul 96
70) Phenanthrene	16.96	178	3094842m	324.46	ng/ul
72) Anthracene	17.04	178	636264	67.05	ng/ul 99
75) Carbazole	17.32	167	189725	24.06	ng/ul 98
76) Di-n-butylphthalate	17.88	149	13475	1.28	ng/ul# 81
77) Fluoranthene	19.00	202	3403032m	324.84	ng/ul
80) Pyrene	19.37	202	2805656	271.02	ng/ul 98
83) Benzo(a)anthracene	21.11	228	1684932	183.32	ng/ul# 89
85) Chrysene	21.17	228	1540483	182.98	ng/ul# 90
88) Benzo(b)fluoranthene	22.68	252	2115576m	237.55	ng/ul
89) Benzo(k)fluoranthene	22.70	252	753213m	92.03	ng/ul
91) Benzo(a)pyrene	23.23	252	1514343m	190.07	ng/ul
92) Indeno(1,2,3-cd)pyrene	25.54	276	788137m	85.51	ng/ul
93) Dibenzo(a,h)anthracene	25.54	278	184284m	23.35	ng/ul
94) Benzo(g,h,i)perylene	26.22	276	594326m	78.95	ng/ul

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
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Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
C01J2

Manual Integrations
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