

(LSC Reviewed)

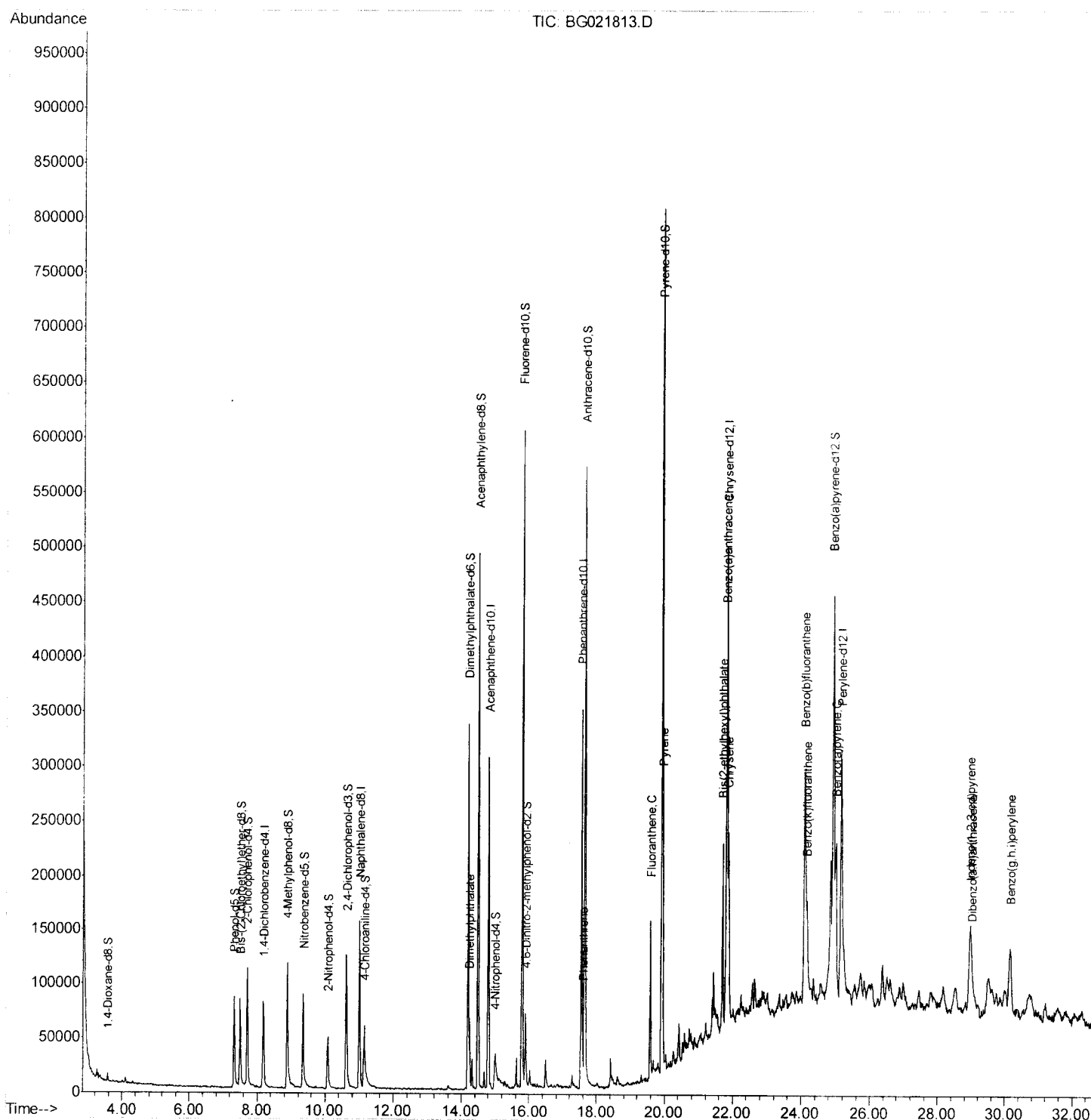
```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG051016\  
Data File  : BG021813.D  
Acq On     : 10 May 2016   12:44  
Operator   : UM/SJ  
Sample     : H2938-01  
Misc       :  
ALS Vial   : 15      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
D9XA1

Manual Integrations

sohil
5/11/2016 8:28:49 PM

Quant Time: May 11 11:22:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

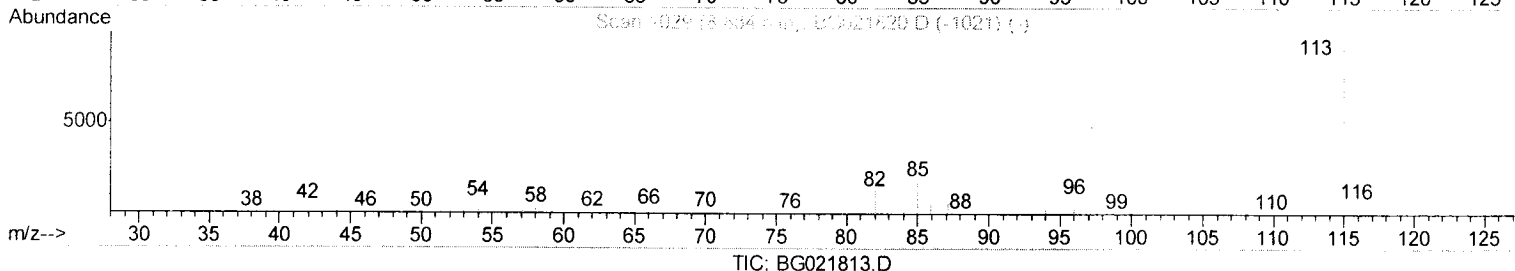
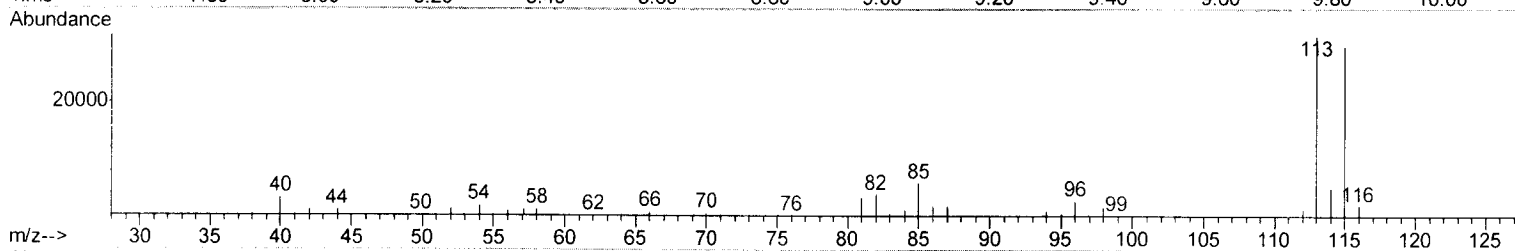
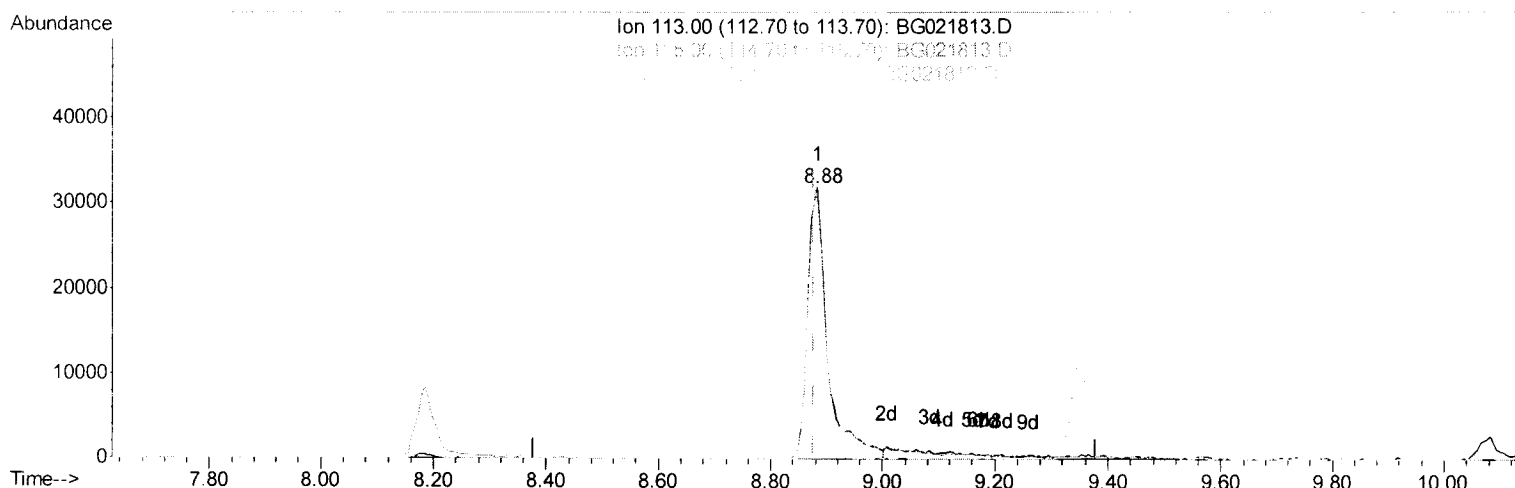
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
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(13) 4-Methylphenol-d8 (S)

8.884min (+0.005) 34.91ng/ul m

response 79872

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	94.39
54.00	18.70	6.13#
0.00	0.00	0.00

U.M
 25/13/16

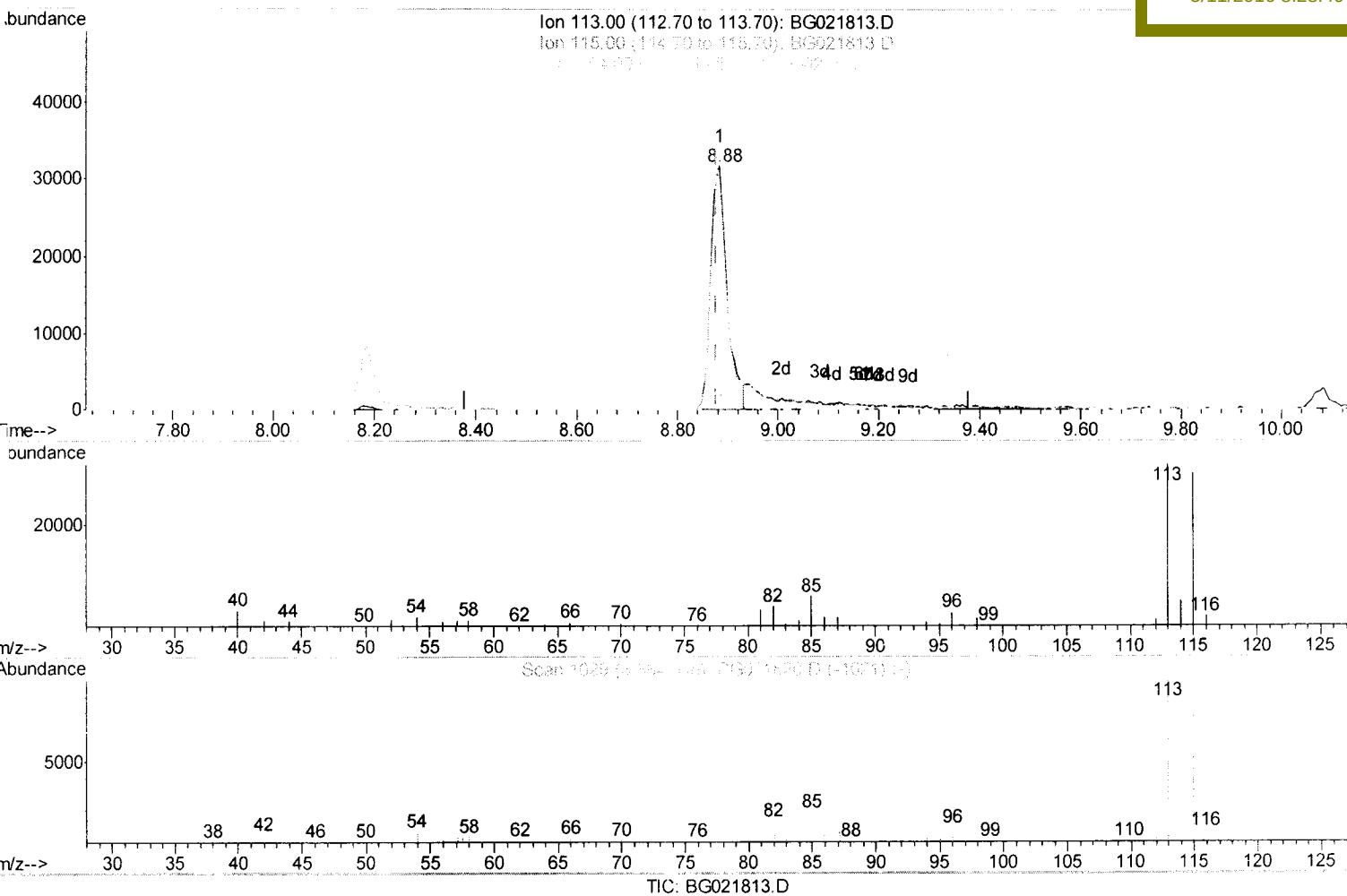
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021813.D
Acq On : 10 May 2016 12:44
Operator : UM/SJ
Sample : H2938-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: May 11 19:26:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
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Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.884min (+0.005) 31.11ng/ul

response 71186

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	94.39
54.00	18.70	6.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

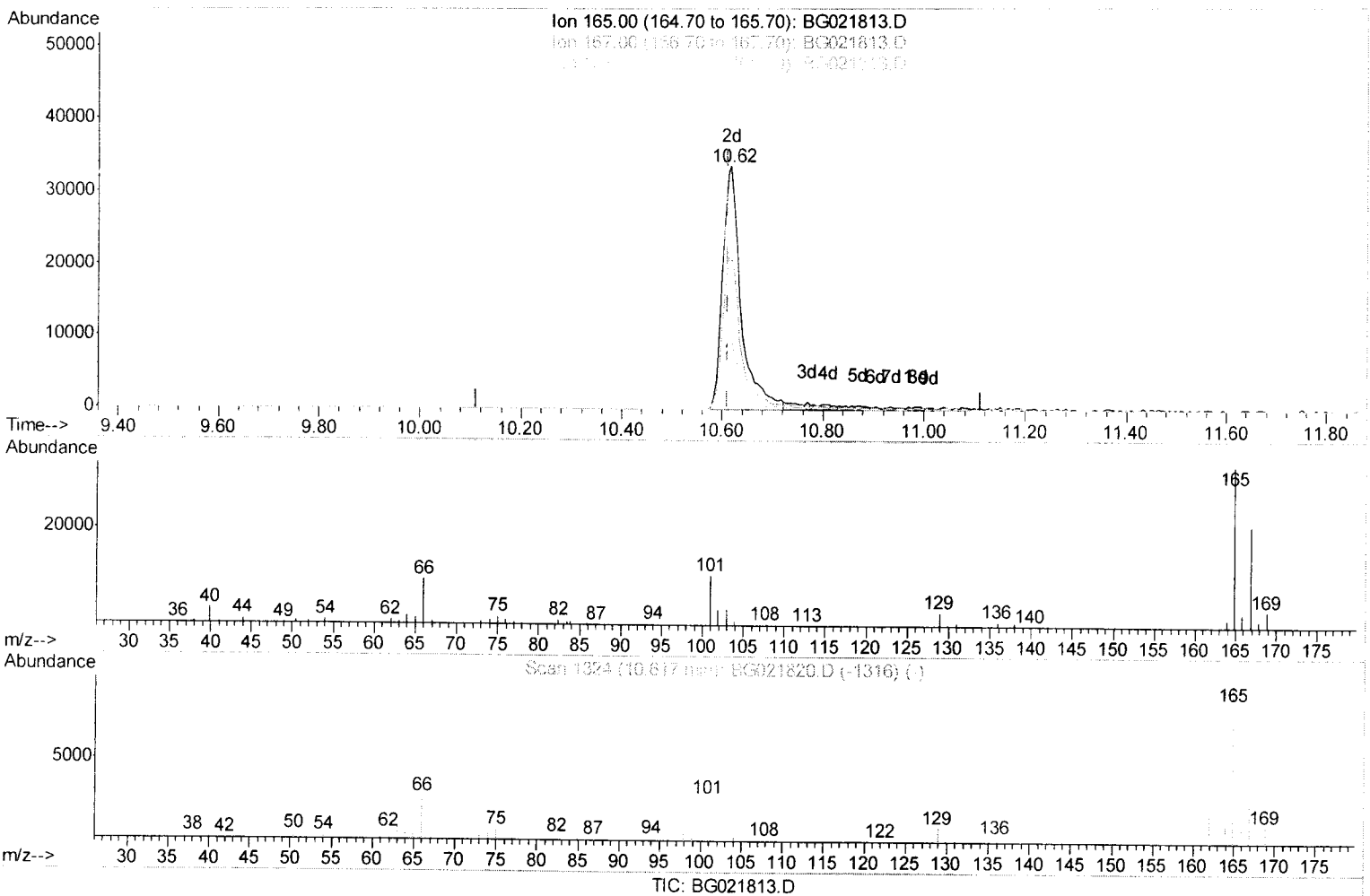
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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(26) 2,4-Dichlorophenol-d3 (S)

10.617min (+0.005) 38.96ng/ul m U.M
 response 85937 05/13/16

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	62.96
101.00	41.00	31.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

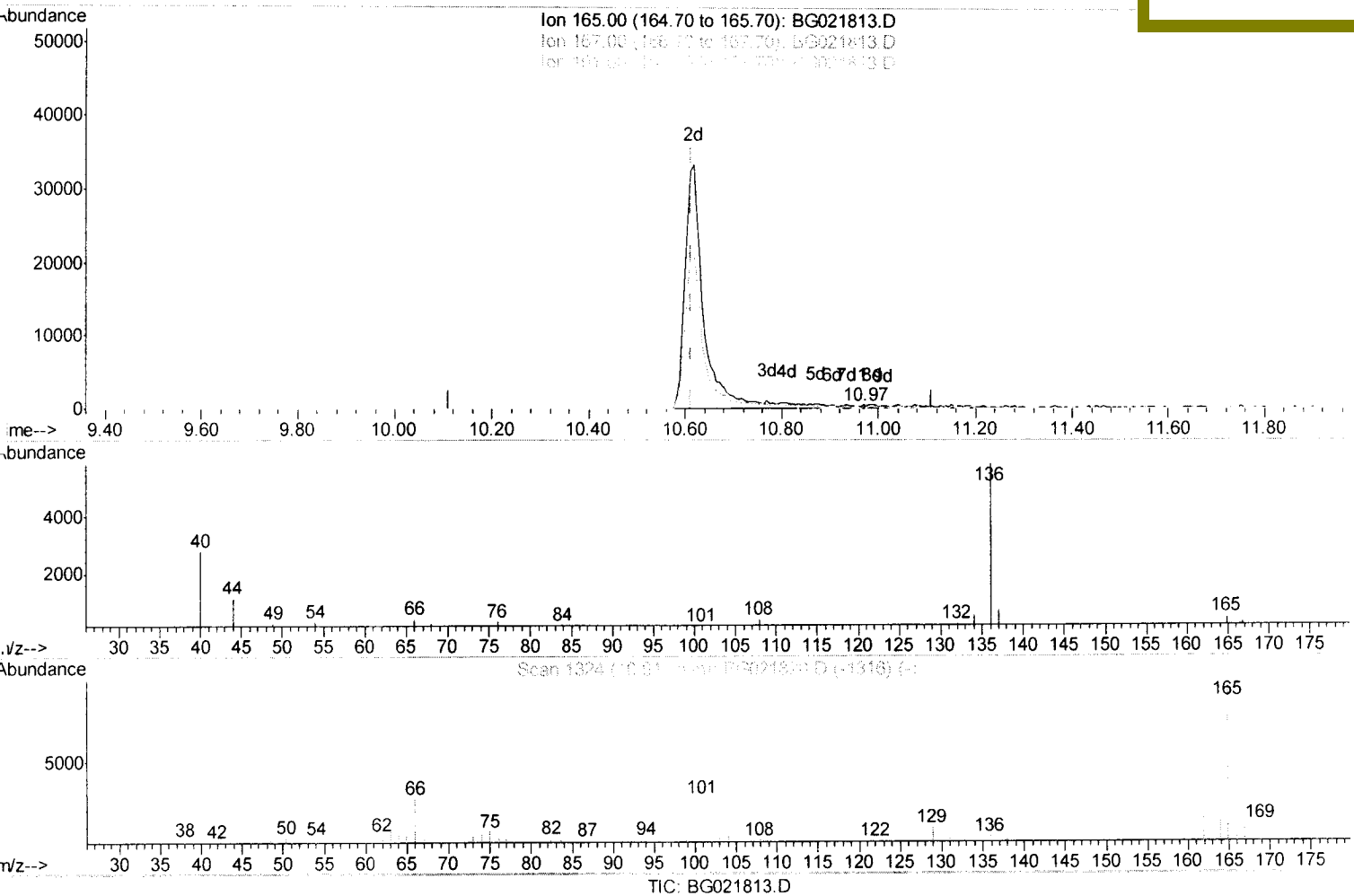
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(26) 2,4-Dichlorophenol-d3 (S)

10.969min (+0.358) 0.05ng/ul

response 117

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	63.06
101.00	41.00	36.26
0.00	0.00	0.00

Quantitation Report (Qedit)

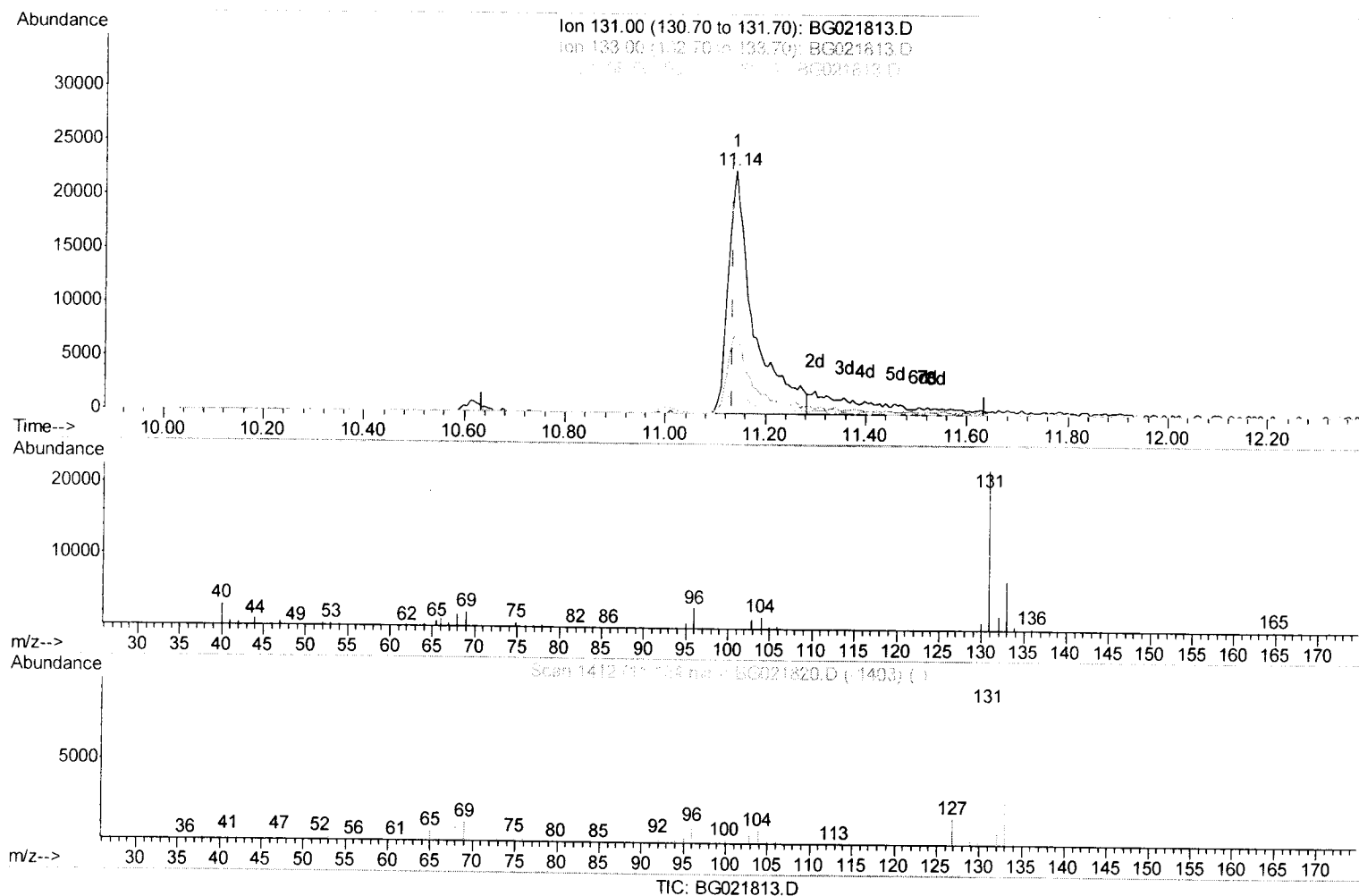
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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(29) 4-Chloroaniline-d4 (S)

11.140min (+0.005) 33.47ng/ul m U.M
05/13/16

response 79531

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.62
69.00	23.00	9.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

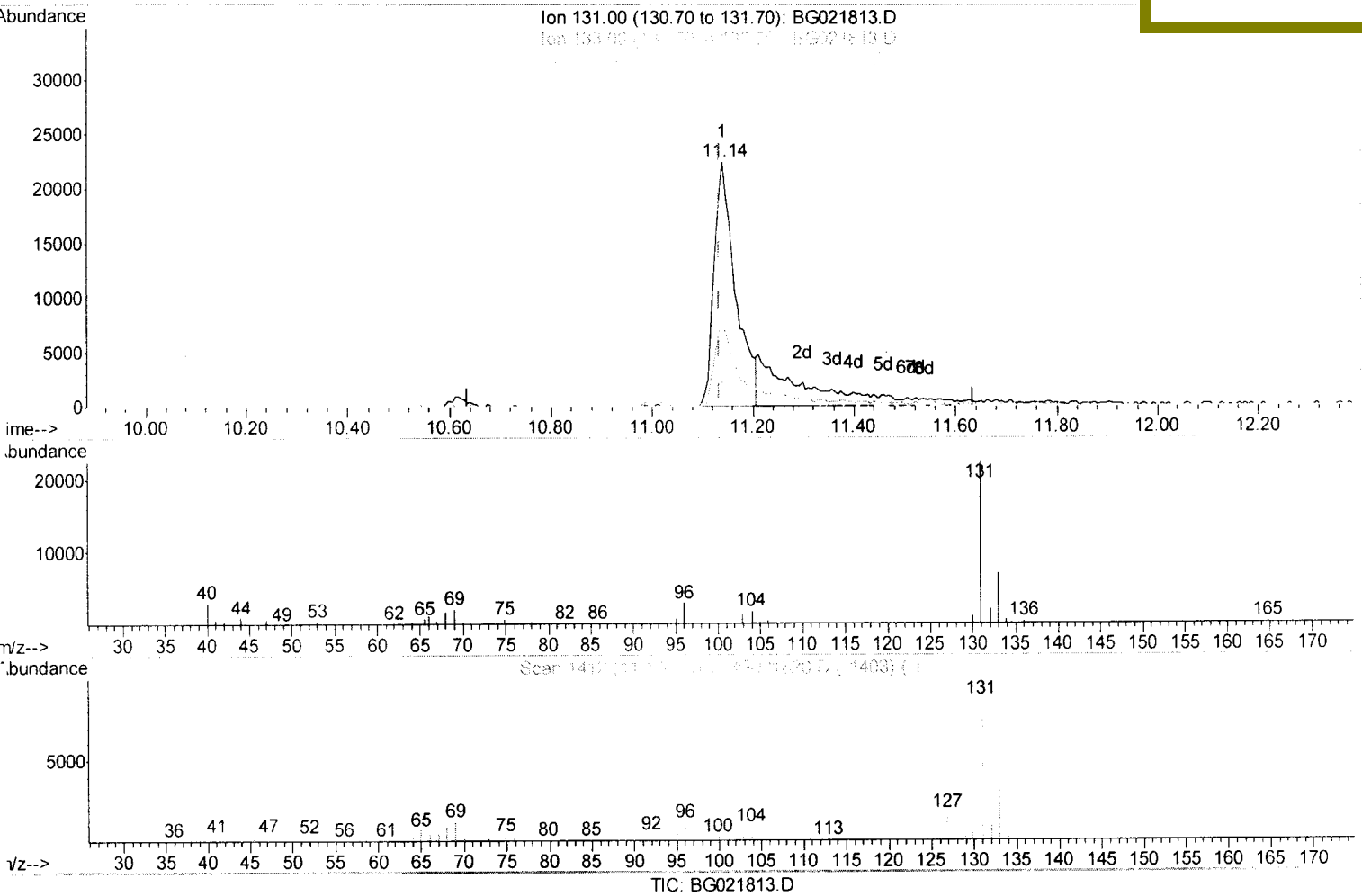
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA1

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

11.140min (+0.005) 27.70ng/ul

response 65819

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.62
69.00	23.00	9.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

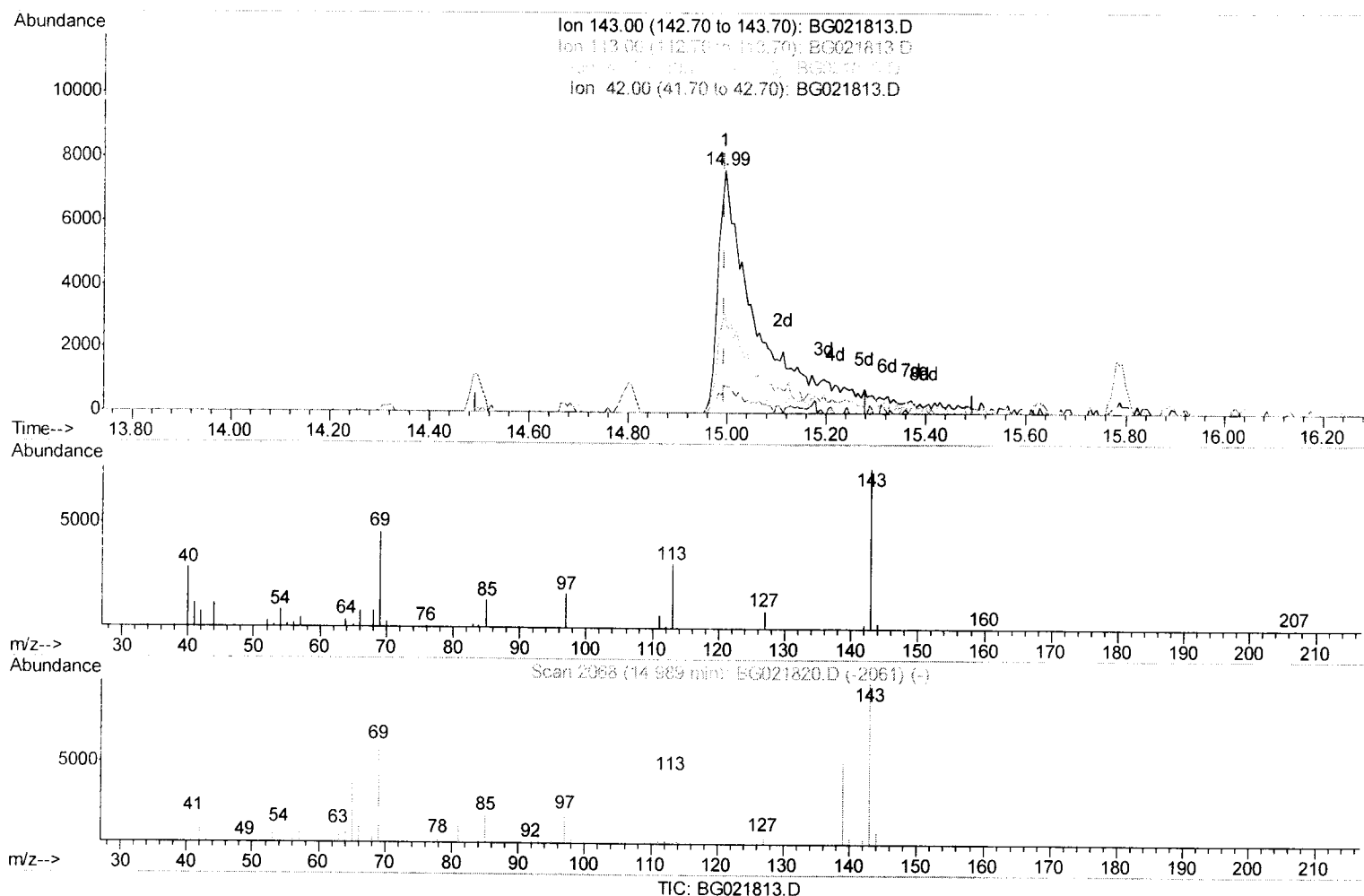
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA1

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.994min (-0.001) 29.36ng/ul m U.M
 response 42095 05/13/16

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	41.45#
41.00	49.70	16.61#
42.00	33.70	11.18#

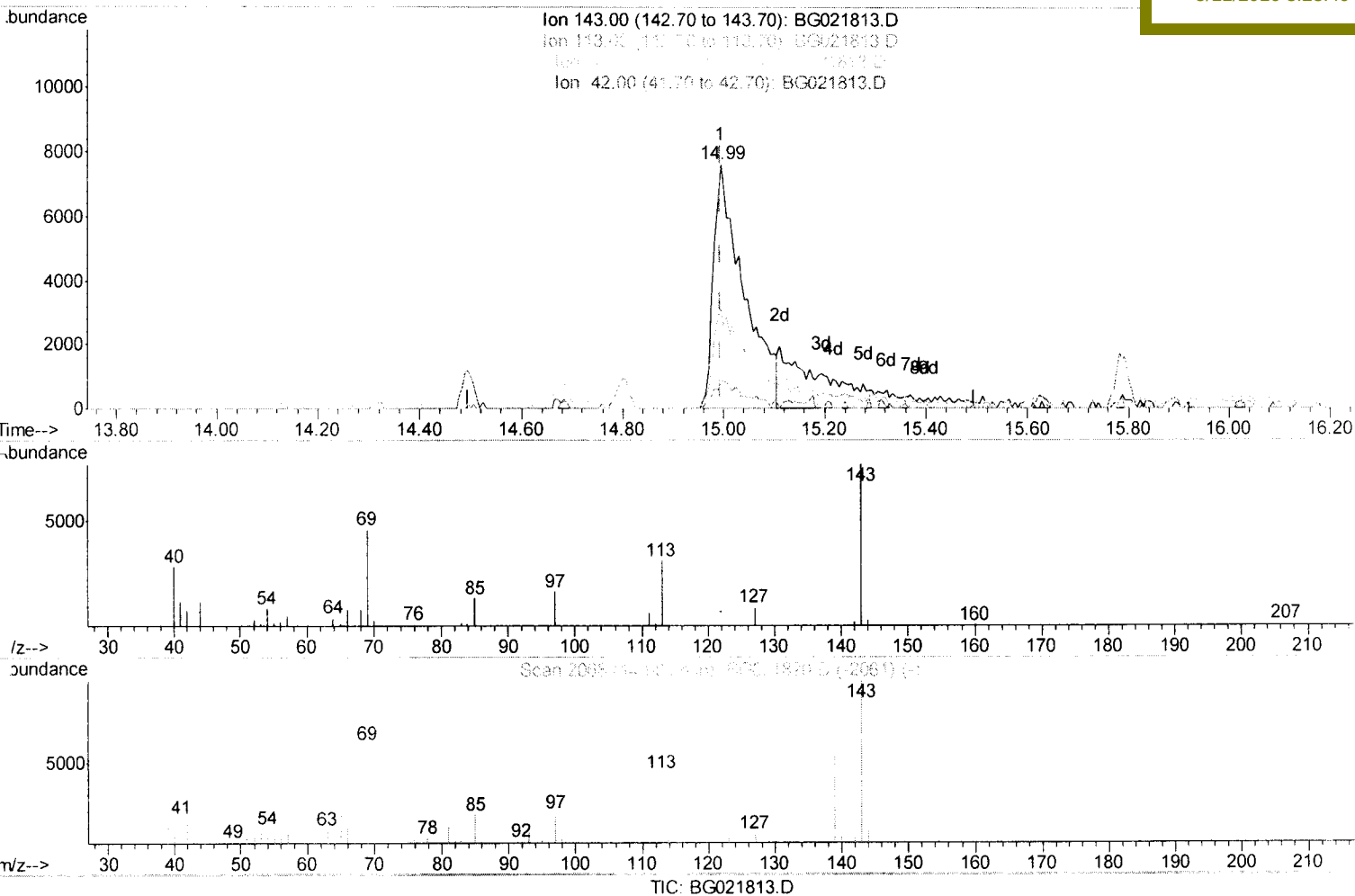
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021813.D
Acq On : 10 May 2016 12:44
Operator : UM/SJ
Sample : H2938-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA1

Quant Time: May 11 19:26:25 2016
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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.994min (-0.001) 22.20ng/ul

response 31826

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	41.45#
41.00	49.70	16.61#
42.00	33.70	11.18#

Quantitation Report (Qedit)

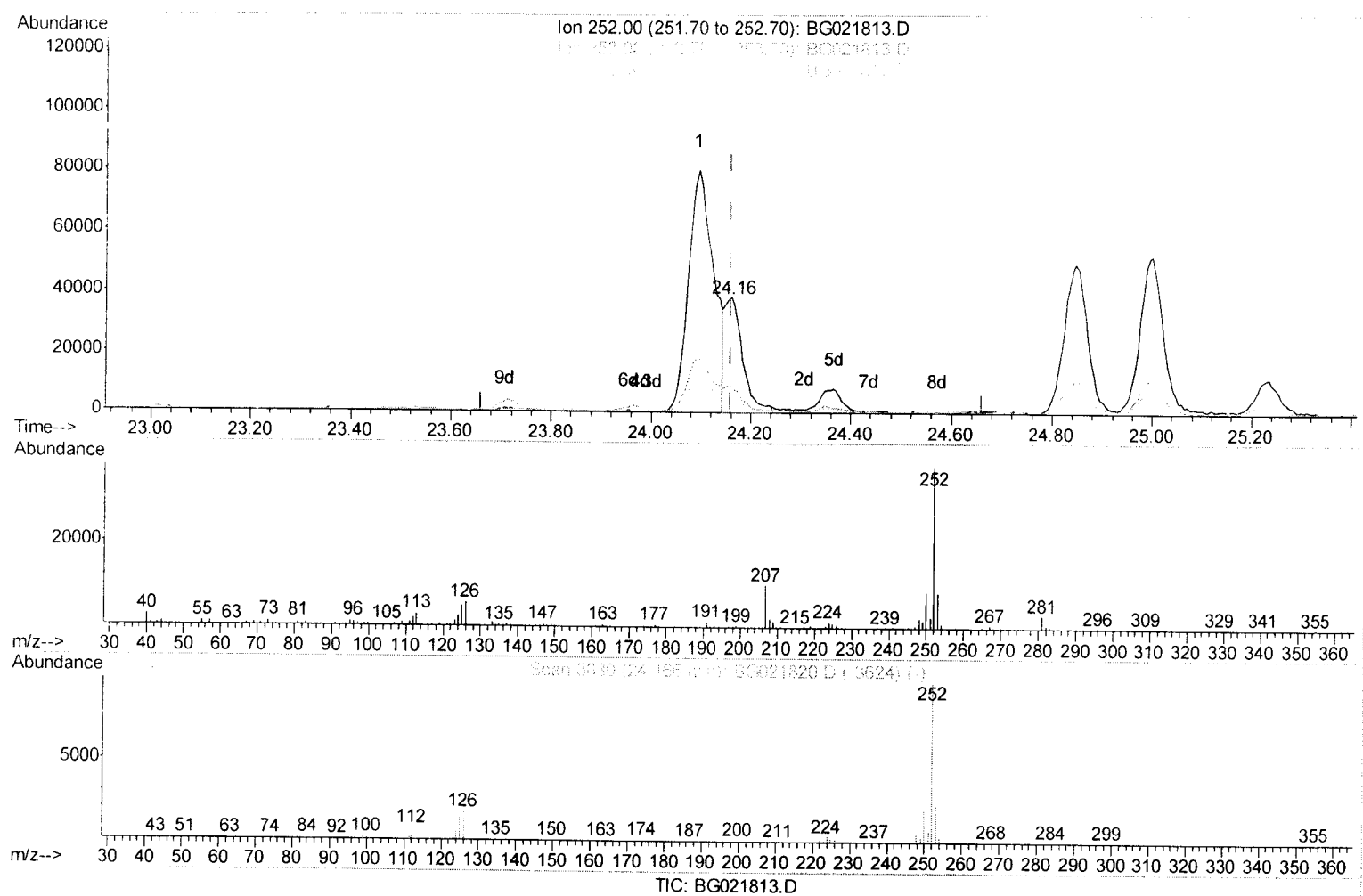
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA1

Manual Integrations
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(87) Benzo(k)fluoranthene

24.160min (-0.000) 6.14ng/ul m U.M
 response 94116 05/13/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.07
125.00	9.60	13.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

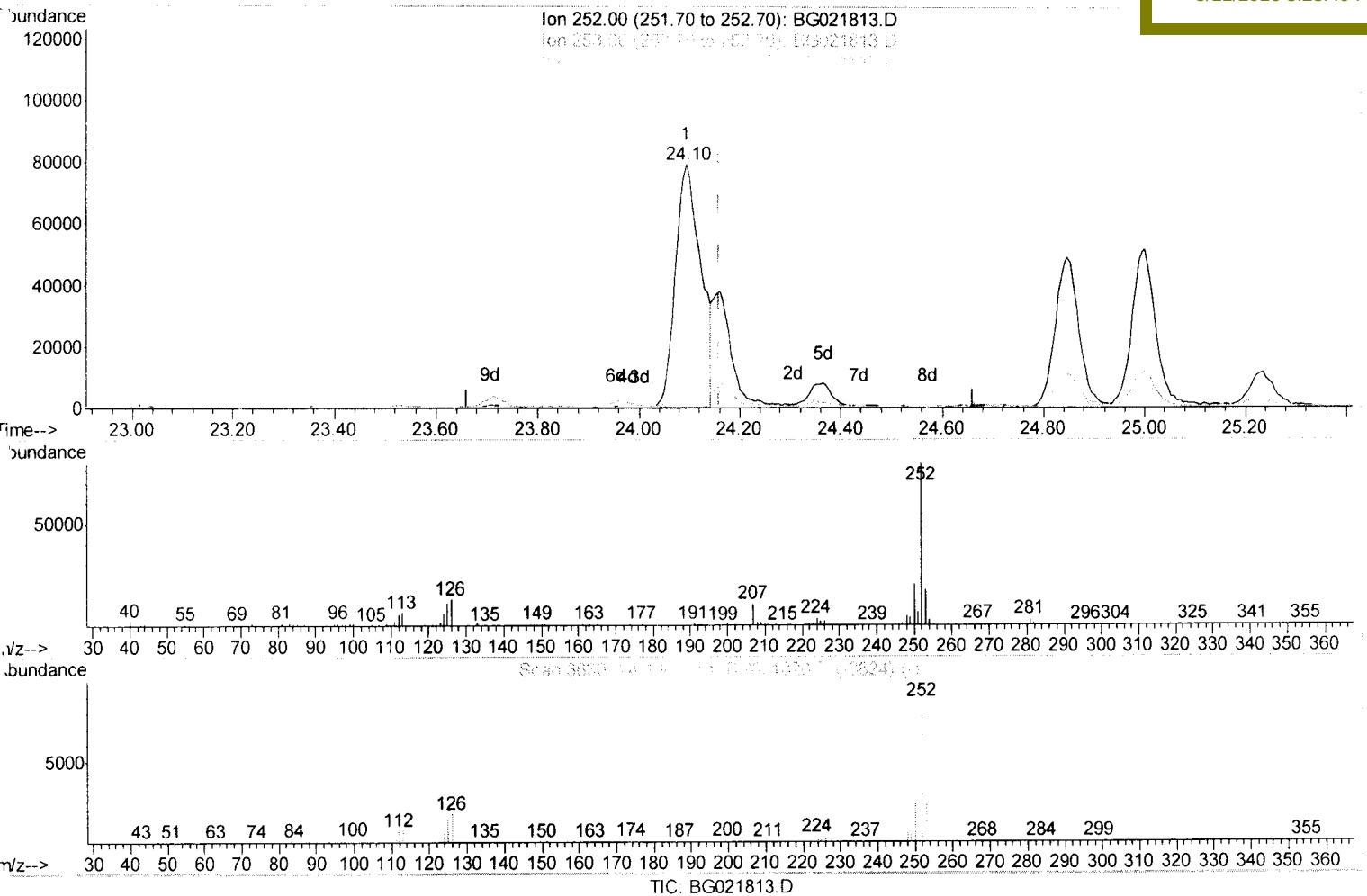
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(87) Benzo(k)fluoranthene

24.095min (-0.065) 18.17ng/ul

response 278446

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.32
125.00	9.60	13.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

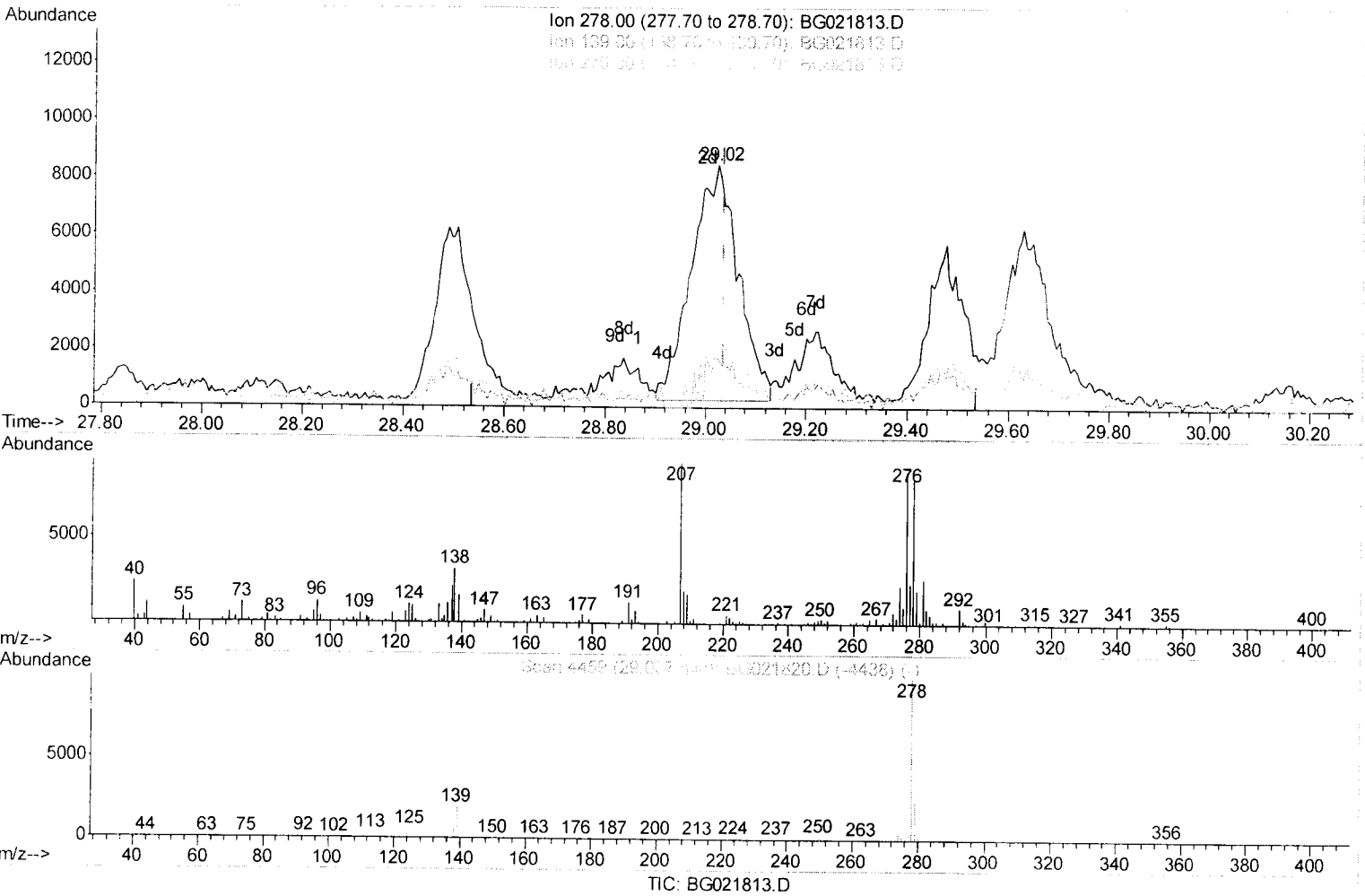
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021813.D
 Acq On : 10 May 2016 12:44
 Operator : UM/SJ
 Sample : H2938-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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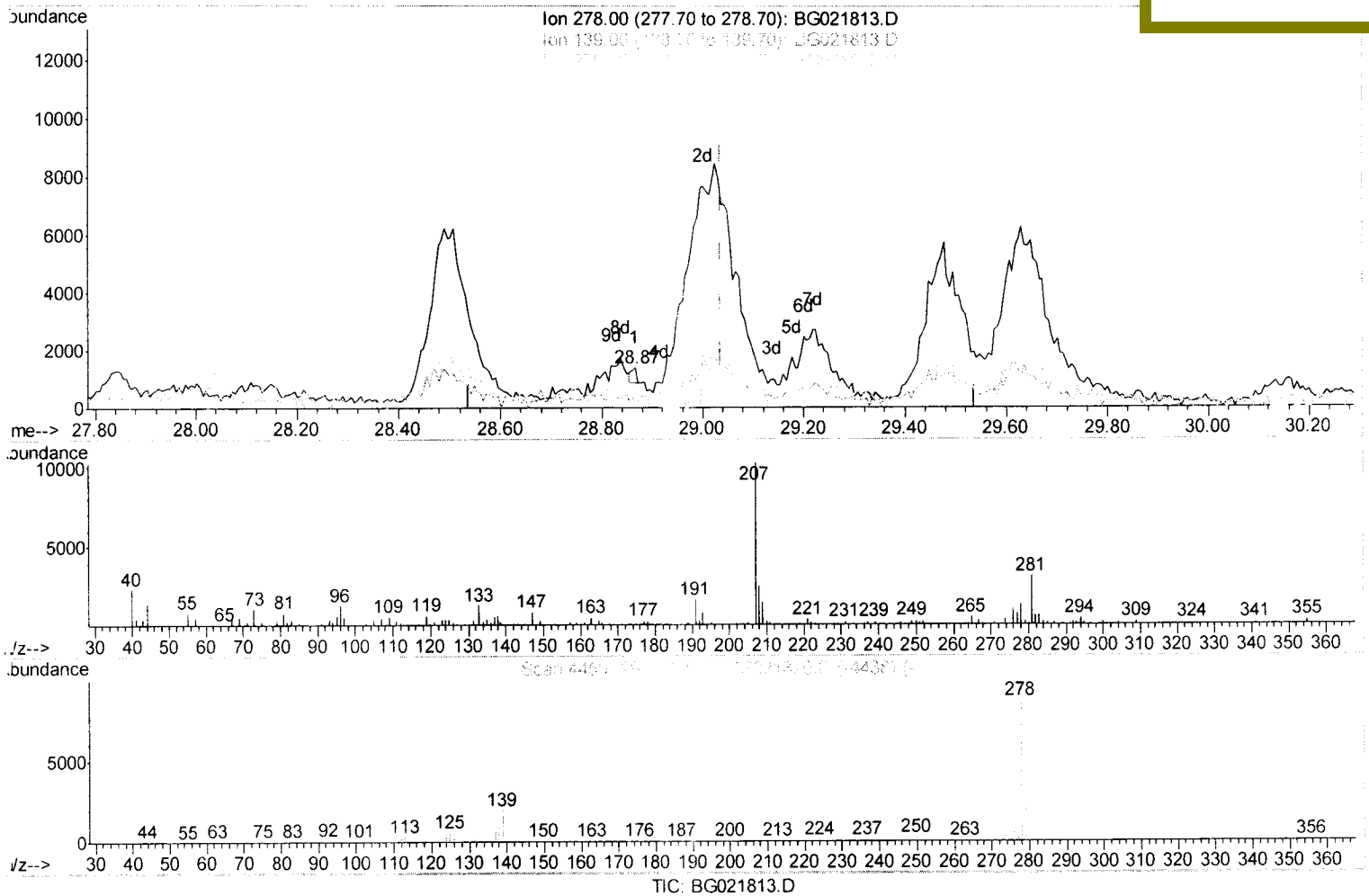
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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(91) Dibenzo(a,h)anthracene

28.866min (-0.171) 0.03ng/ul

response 364

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.04
279.00	24.80	28.30
0.00	0.00	0.00

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	187871	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	119085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	256179	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	267750	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	250089	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4906	6.45	ng/uL	0.00
5) Phenol-d5	7.33	99	91325	33.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	43531	32.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	85669	40.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	79872m	34.91	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	42586	34.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	36186	46.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	85937m	38.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	79531m	33.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	312012	37.30	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	437173	36.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42095m	29.36	ng/ul	0.00
58) Fluorene-d10	15.79	176	300476	34.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	23934	33.73	ng/ul	0.00
71) Anthracene-d10	17.64	188	424502	34.04	ng/ul	0.00
77) Pyrene-d10	19.92	212	458840	36.61	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	422511	35.56	ng/ul	0.00

Target Compounds

					Qvalue	
45) Dimethylphthalate	14.24	163	56218	6.60	ng/ul#	99
70) Phenanthrene	17.59	178	36507	2.61	ng/ul	97
75) Fluoranthene	19.58	202	104862	6.59	ng/ul	98
78) Pyrene	19.94	202	108936	7.03	ng/ul#	93
81) Benzo(a)anthracene	21.80	228	105346	7.07	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	98412	17.60	ng/ul	99
83) Chrysene	21.87	228	134736	9.14	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	278446	19.45	ng/ul#	96
87) Benzo(k)fluoranthene	24.16	252	94116m	6.14	ng/ul	
89) Benzo(a)pyrene	25.00	252	157101	11.02	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	28.97	276	141953	8.41	ng/ul#	88
91) Dibenzo(a,h)anthracene	29.02	278	53251m	3.79	ng/ul	
92) Benzo(g,h,i)perylene	30.16	276	133176	9.55	ng/ul#	89

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