

Quantitation Report (LSC Reviewed)

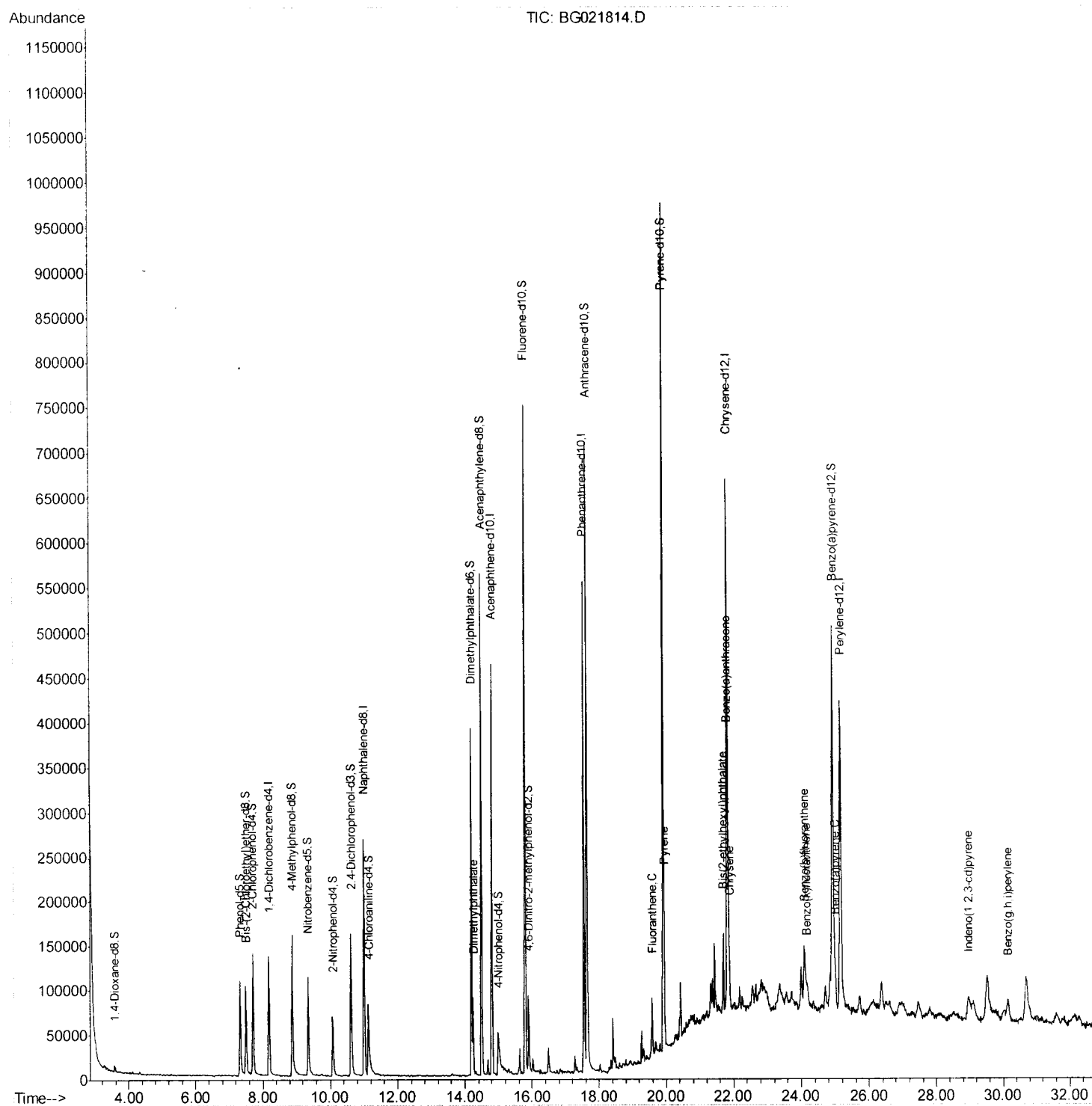
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021814.D
 Acq On : 10 May 2016 13:24
 Operator : UM/SJ
 Sample : H2938-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA2

Manual Integrations
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Quant Time: May 11 11:33:08 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)

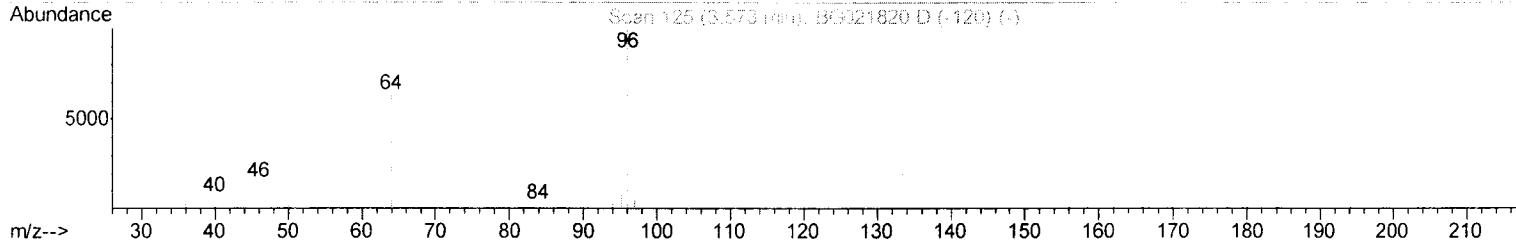
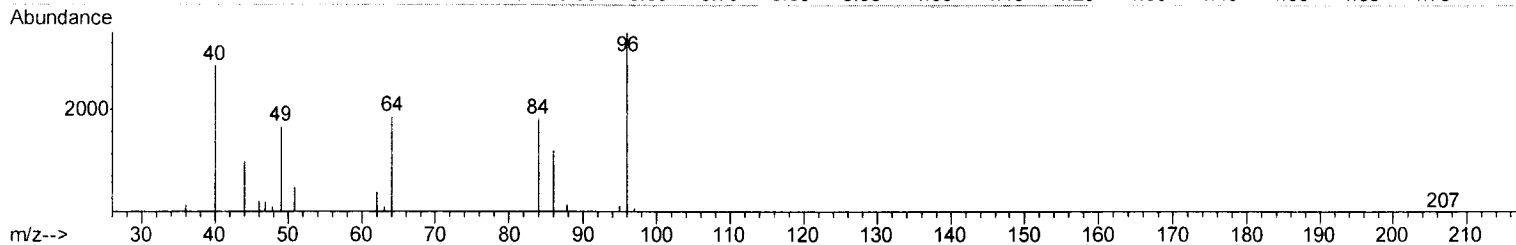
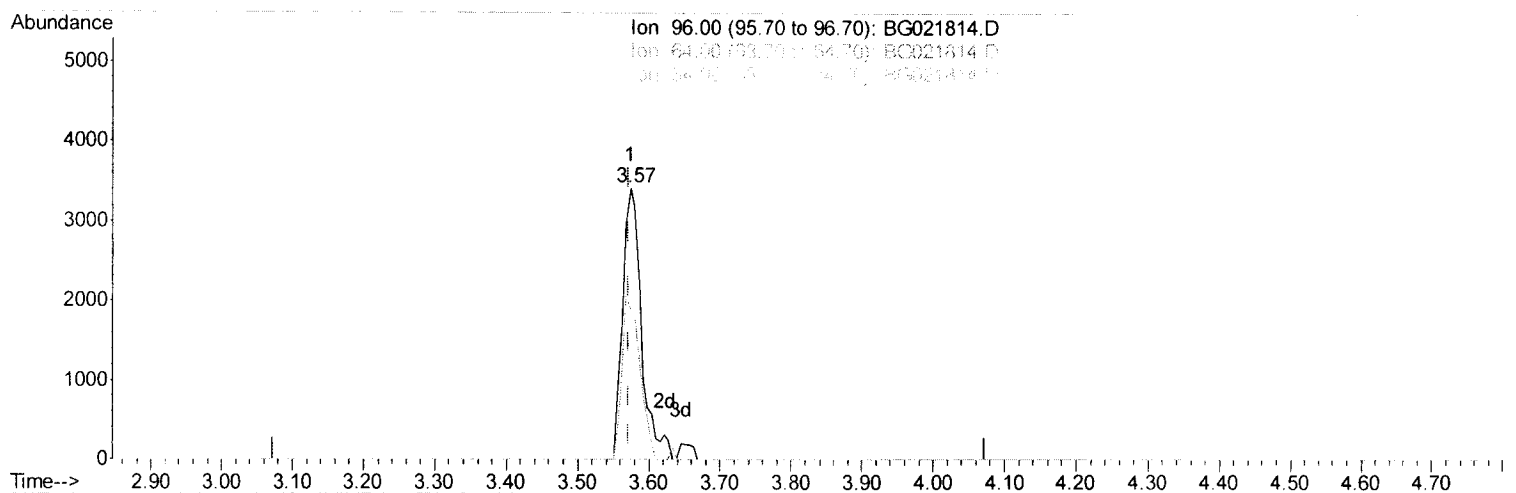
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TIC: BG021814.D

(3) 1,4-Dioxane-d8 (S)

3.575min (+0.002) 5.26ng/uL m

response 6257

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	54.88
34.00	0.00	0.00
0.00	0.00	0.00

UM
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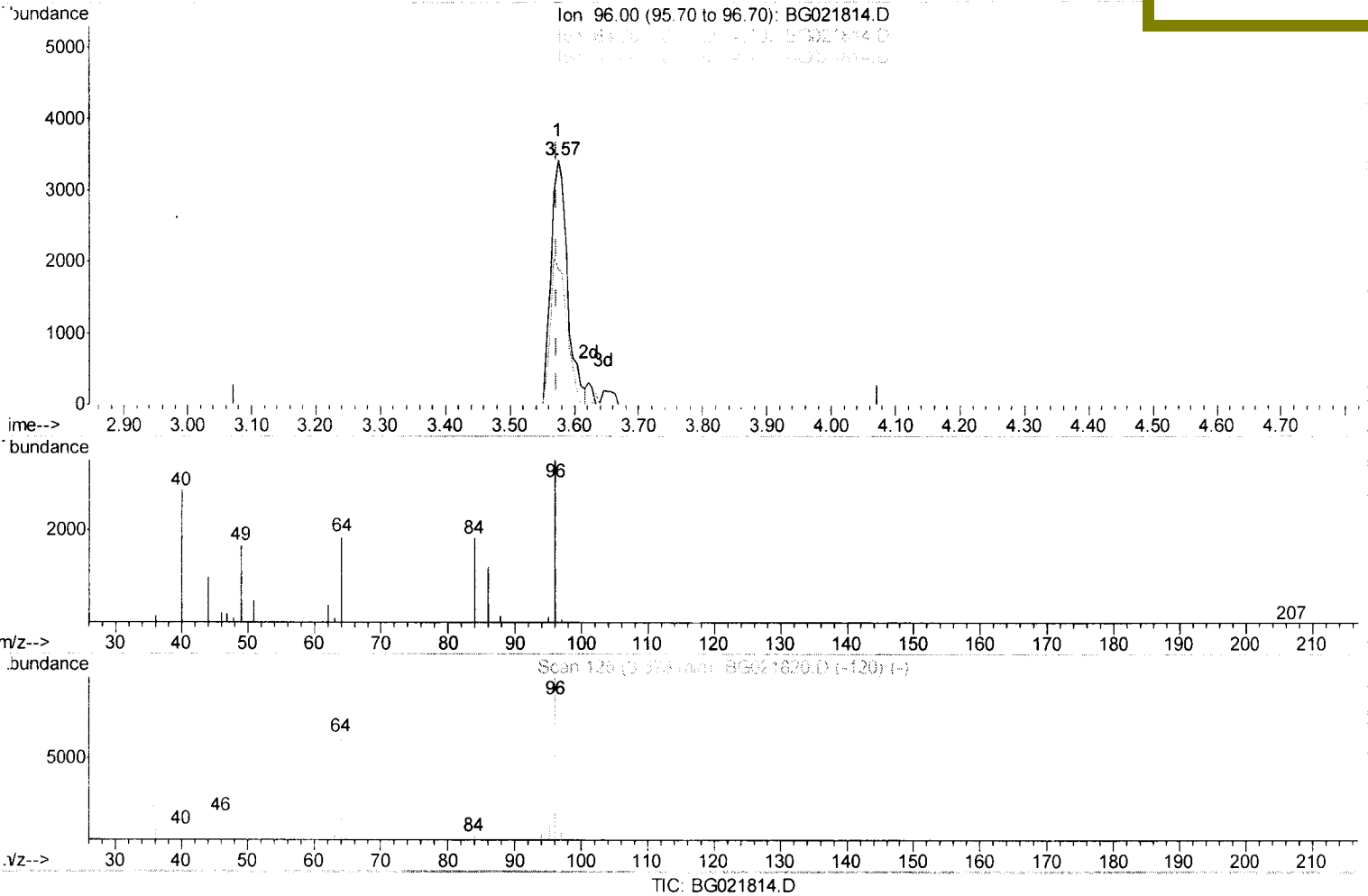
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(3) 1,4-Dioxane-d8 (S)

3.575min (+0.002) 5.09ng/uL

response 6058

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	54.88
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

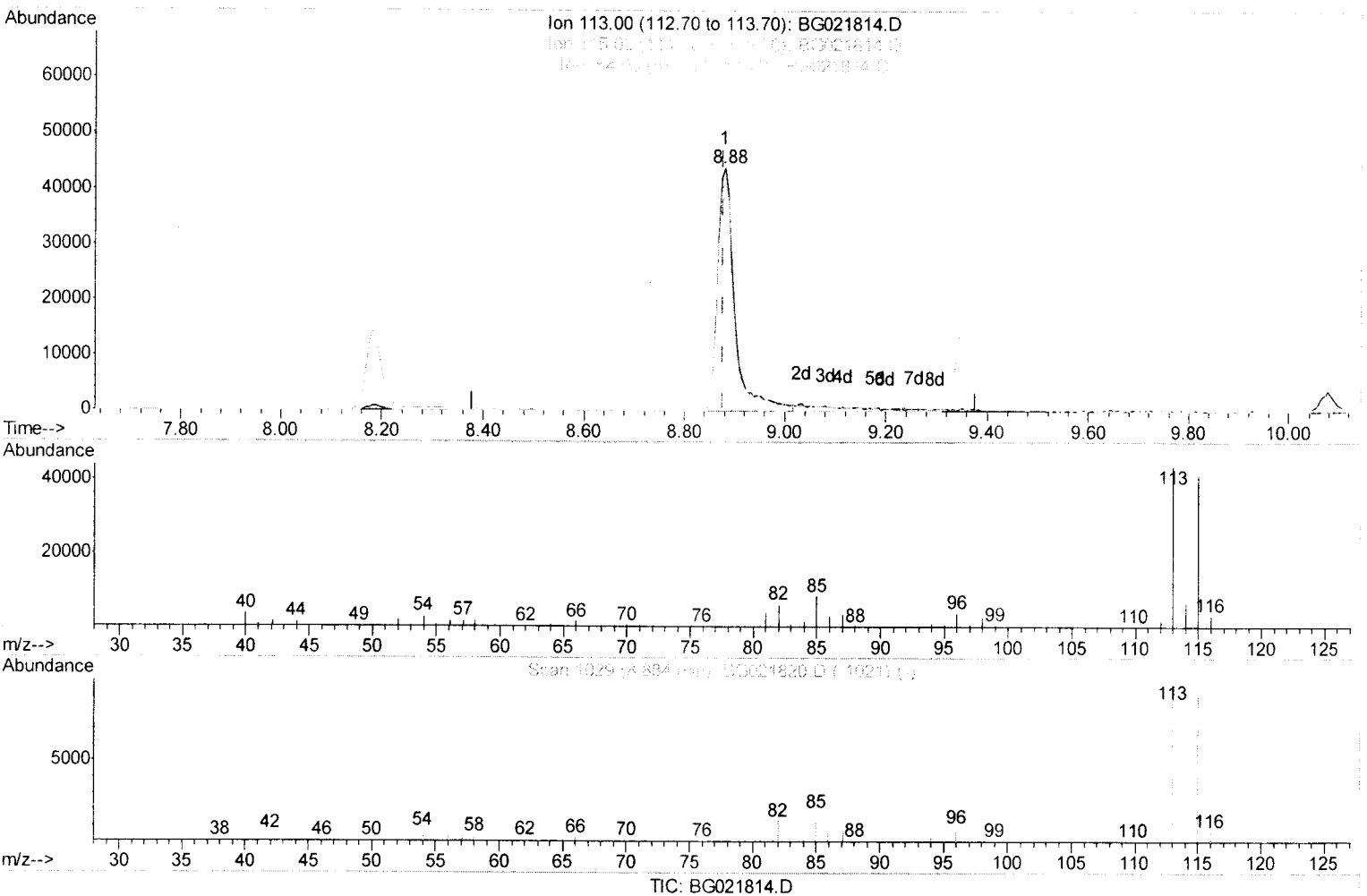
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(13) 4-Methylphenol-d8 (S)

8.880min (+0.002) 29.10ng/ul m

response 104230

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	94.62
54.00	18.70	6.88#
0.00	0.00	0.00

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Quantitation Report (Qedit)

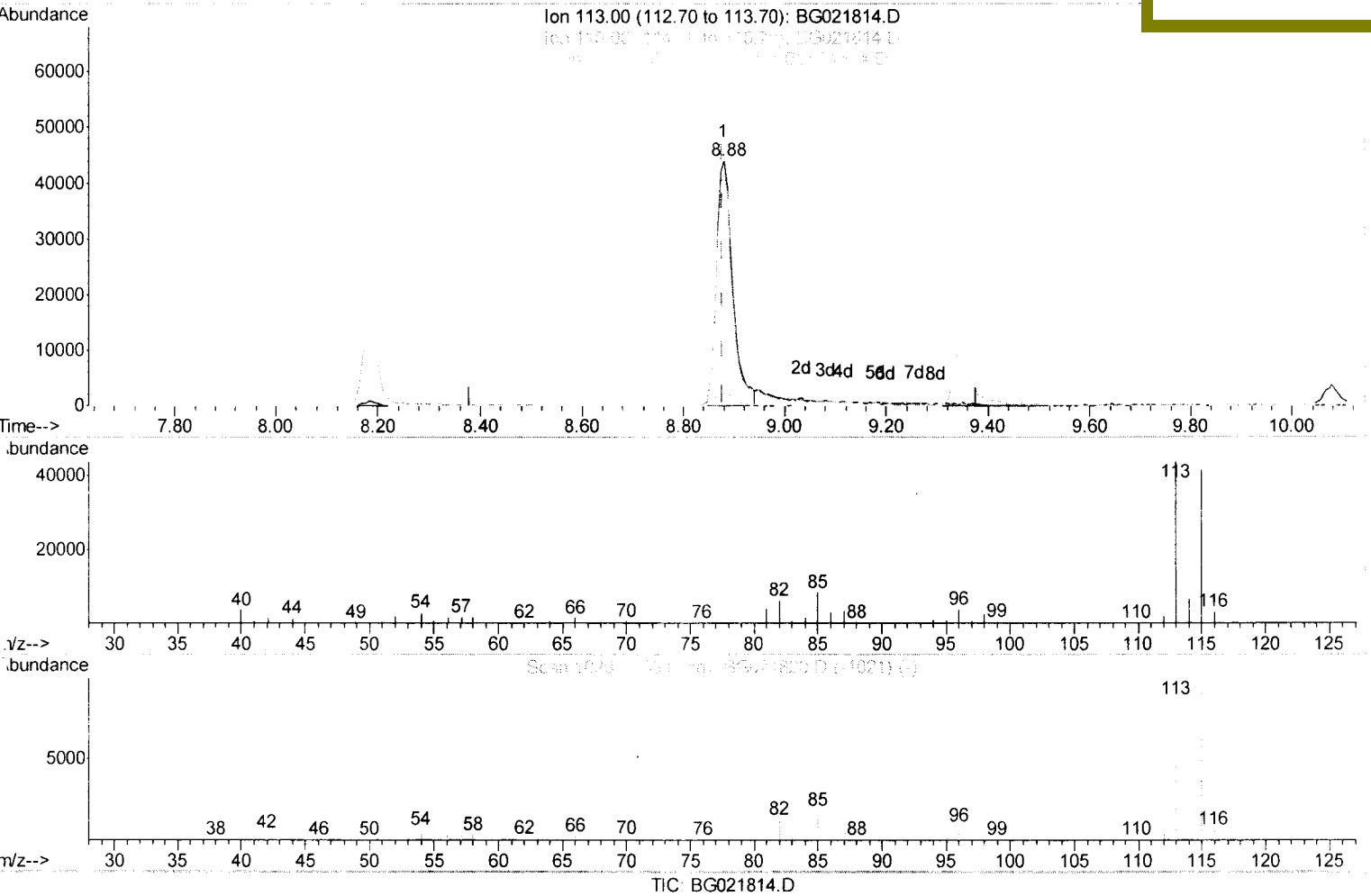
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
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(13) 4-Methylphenol-d8 (S)

8.880min (+0.002) 26.89ng/ul

response 96314

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	94.62
54.00	18.70	6.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

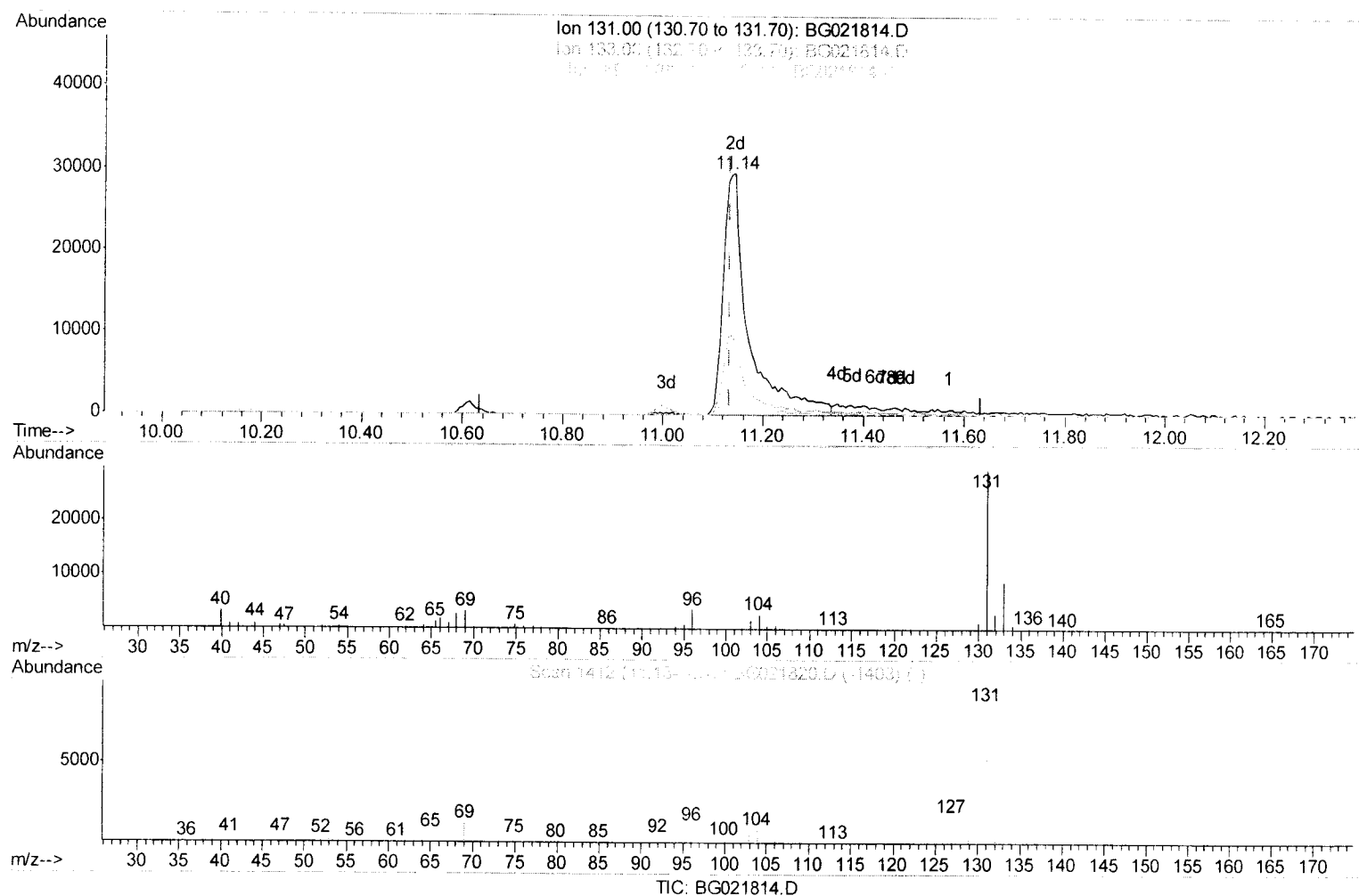
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(29) 4-Chloroaniline-d4 (S)

11.142min (+0.008) 27.17ng/ul m UM
 response 104321 05/13/16

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	29.79
69.00	23.00	11.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

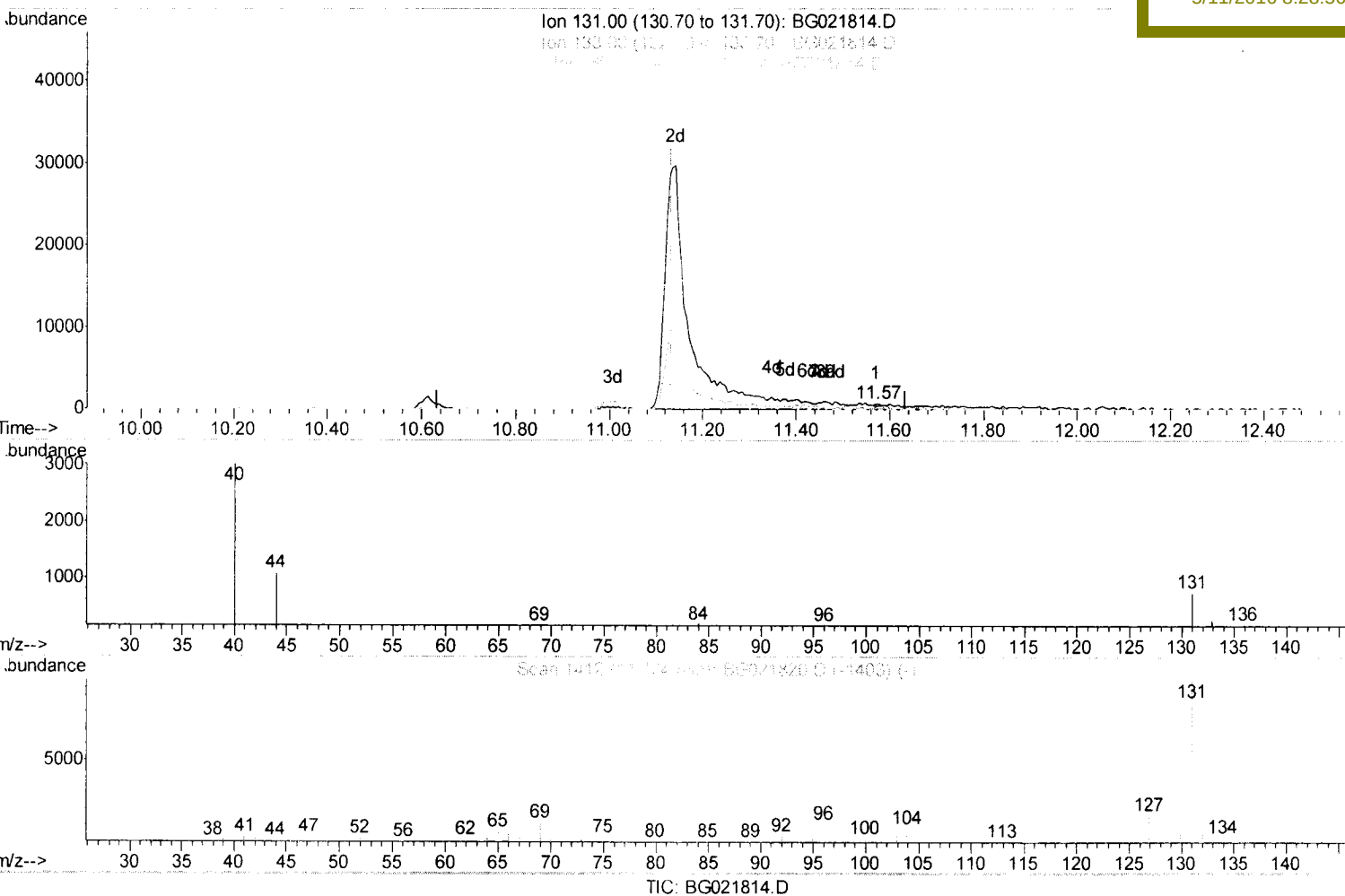
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021814.D
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 Operator : UM/SJ
 Sample : H2938-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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(29) 4-Chloroaniline-d4 (S)

11.571min (+0.437) 0.07ng/ul

response 279

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	32.62
69.00	23.00	21.21
0.00	0.00	0.00

Quantitation Report (Qedit)

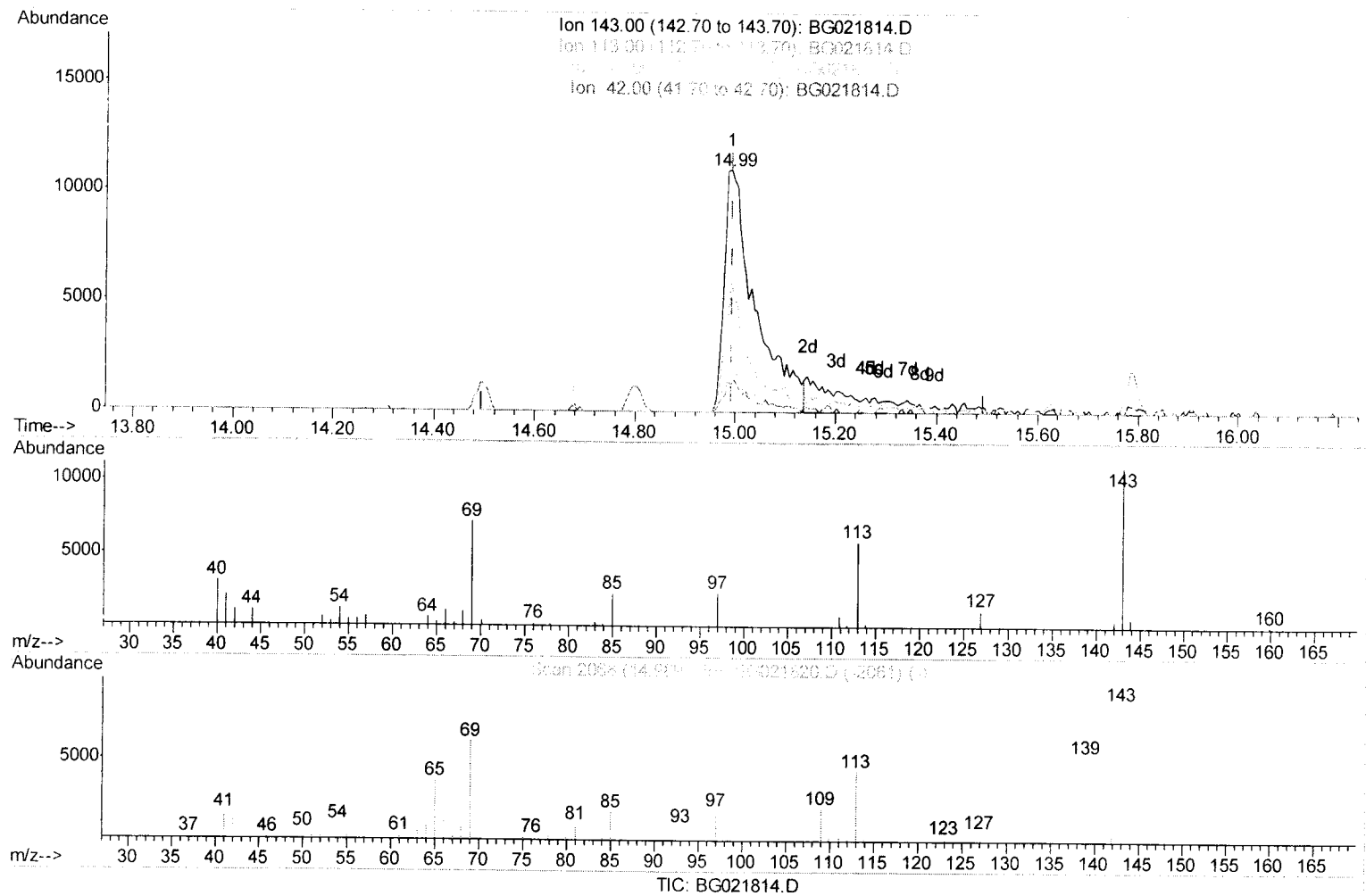
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
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 Acq On : 10 May 2016 13:24
 Operator : UM/SJ
 Sample : H2938-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(52) 4-Nitrophenol-d4 (S)

14.991min (-0.004) 21.12ng/ul m U.M
 response 47700 05/13/16

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	53.49#
41.00	49.70	19.50#
42.00	33.70	11.24#

Quantitation Report (Qedit)

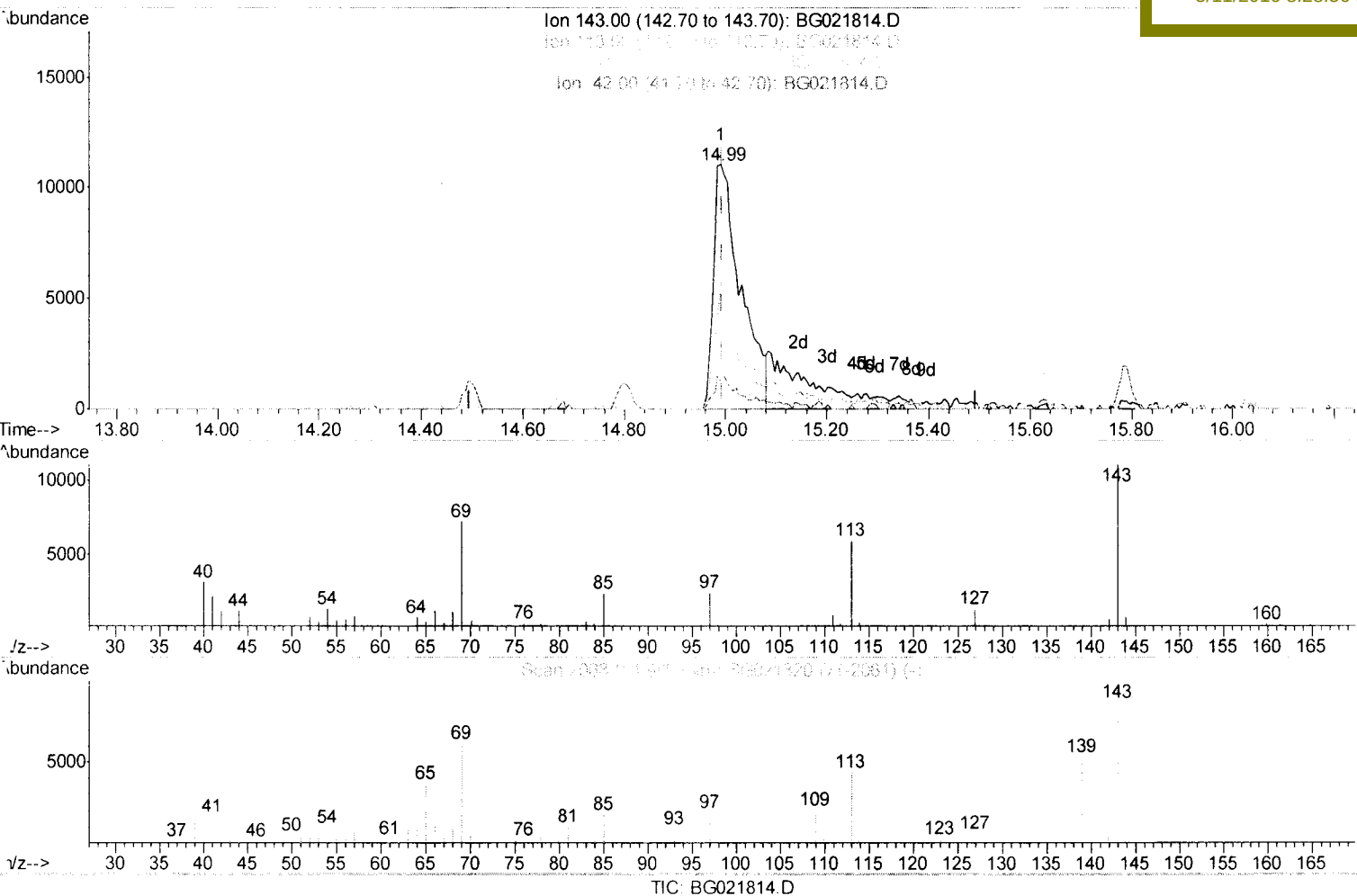
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021814.D
Acq On : 10 May 2016 13:24
Operator : UM/SJ
Sample : H2938-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

14.991min (-0.004) 18.23ng/ul

response 41178

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	53.49#
41.00	49.70	19.50#
42.00	33.70	11.24#

Quantitation Report (Qedit)

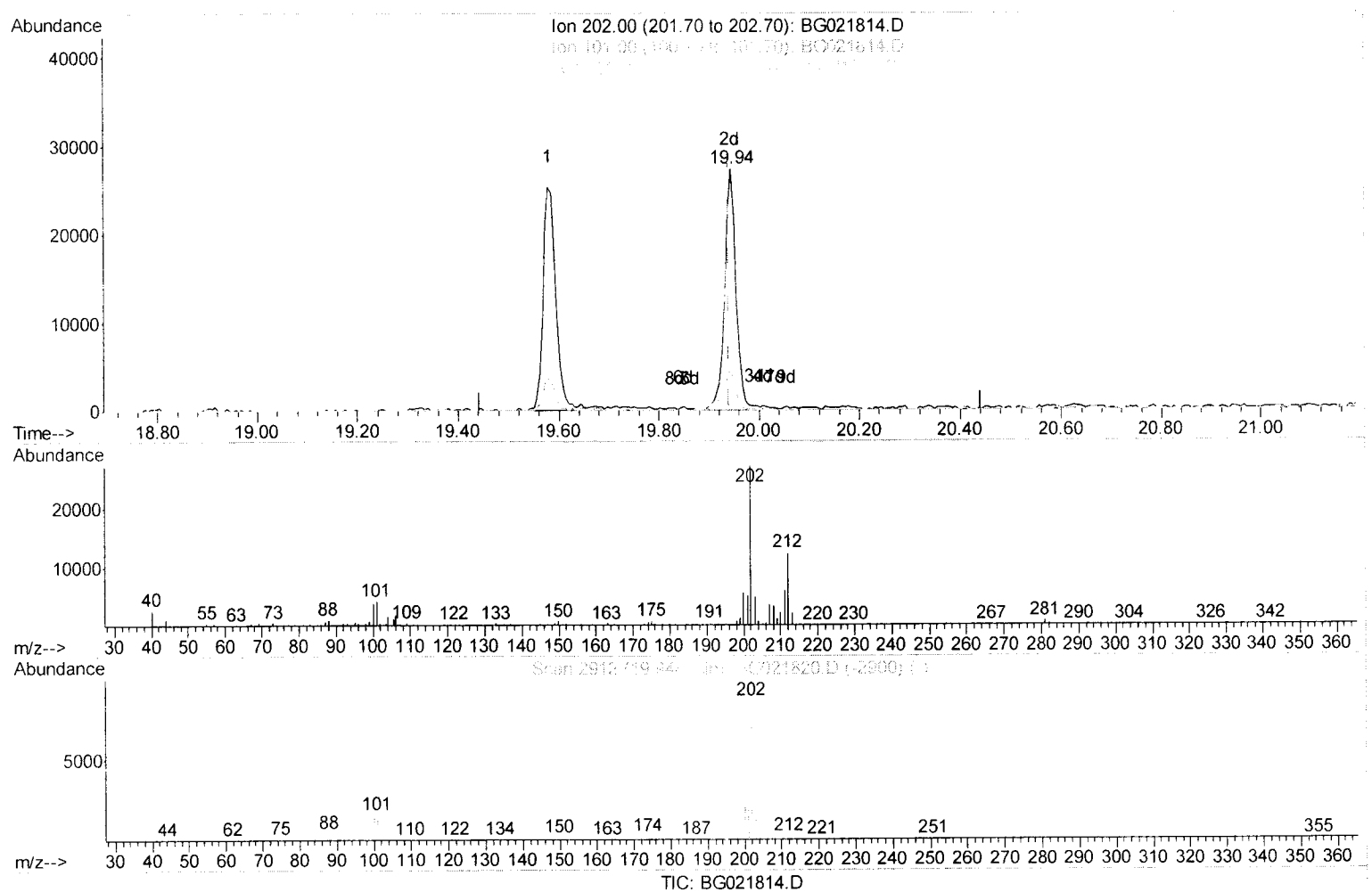
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021814.D
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 Operator : UM/SJ
 Sample : H2938-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(78) Pyrene

19.944min (+0.002) 1.88ng/ul m U.M
 response 44270
 05/13/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.81#
100.00	11.60	13.97#
0.00	0.00	0.00

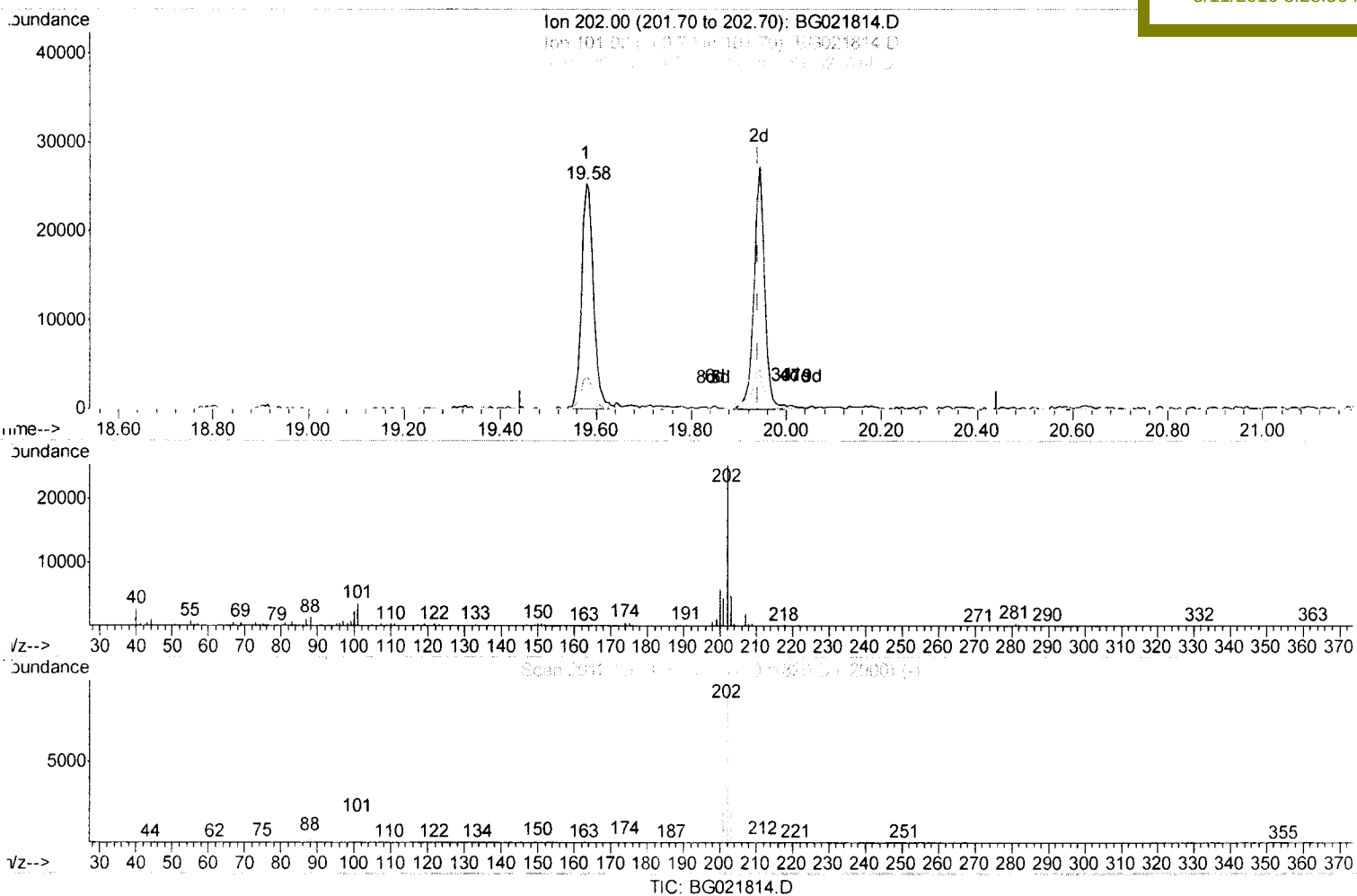
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(78) Pyrene

19.579min (-0.362) 1.88ng/ul

response 44461

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.45
100.00	11.60	9.59
0.00	0.00	0.00

Quantitation Report (Qedit)

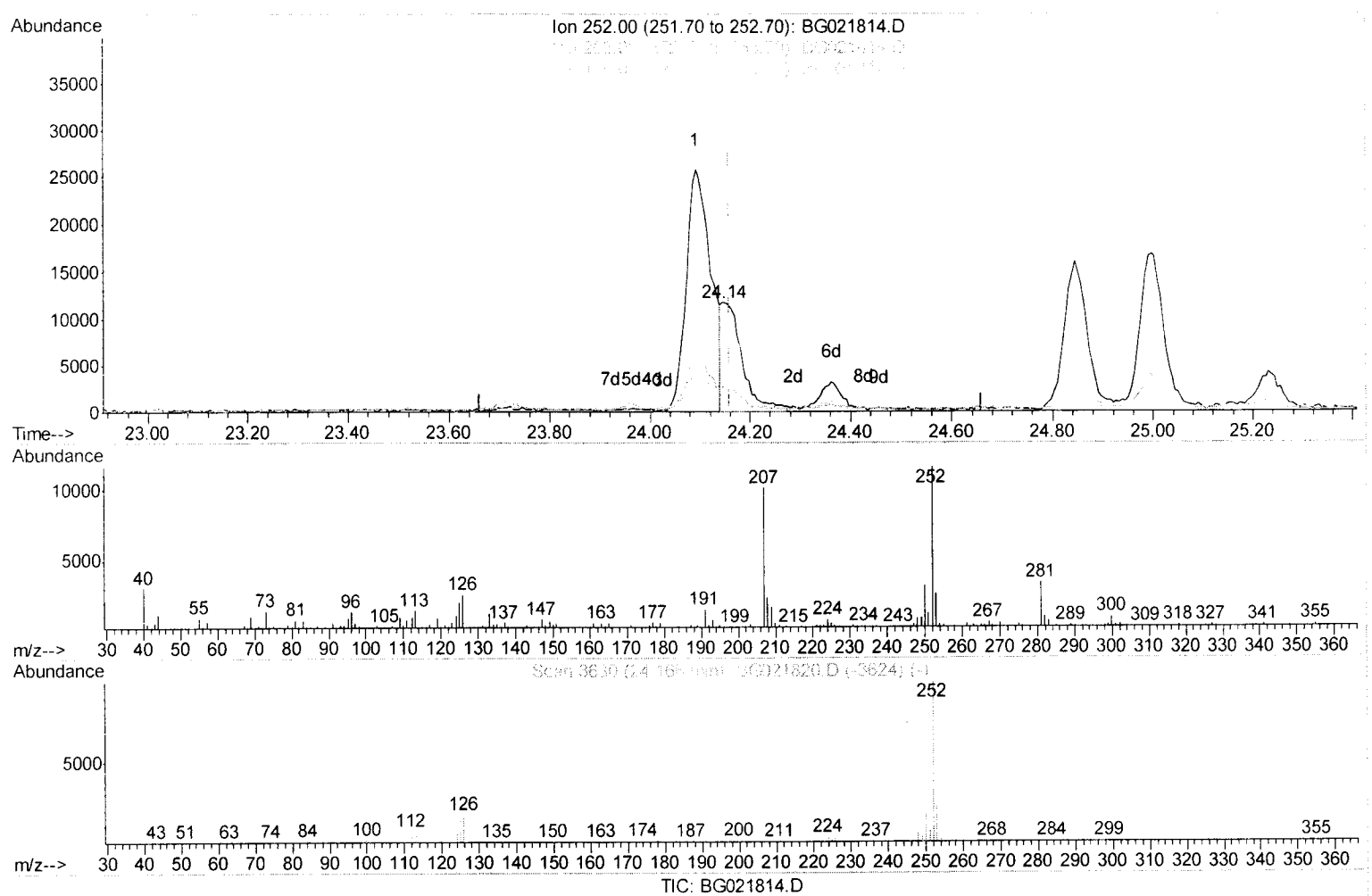
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 Misc :
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Instrument :
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 ClientSampleId :
 D9XA2

Manual Integrations
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(87) Benzo(k)fluoranthene

24.145min (-0.016) 1.38ng/ul m U.M
05/13/16
 response 33576

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.44
125.00	9.60	16.55#
0.00	0.00	0.00

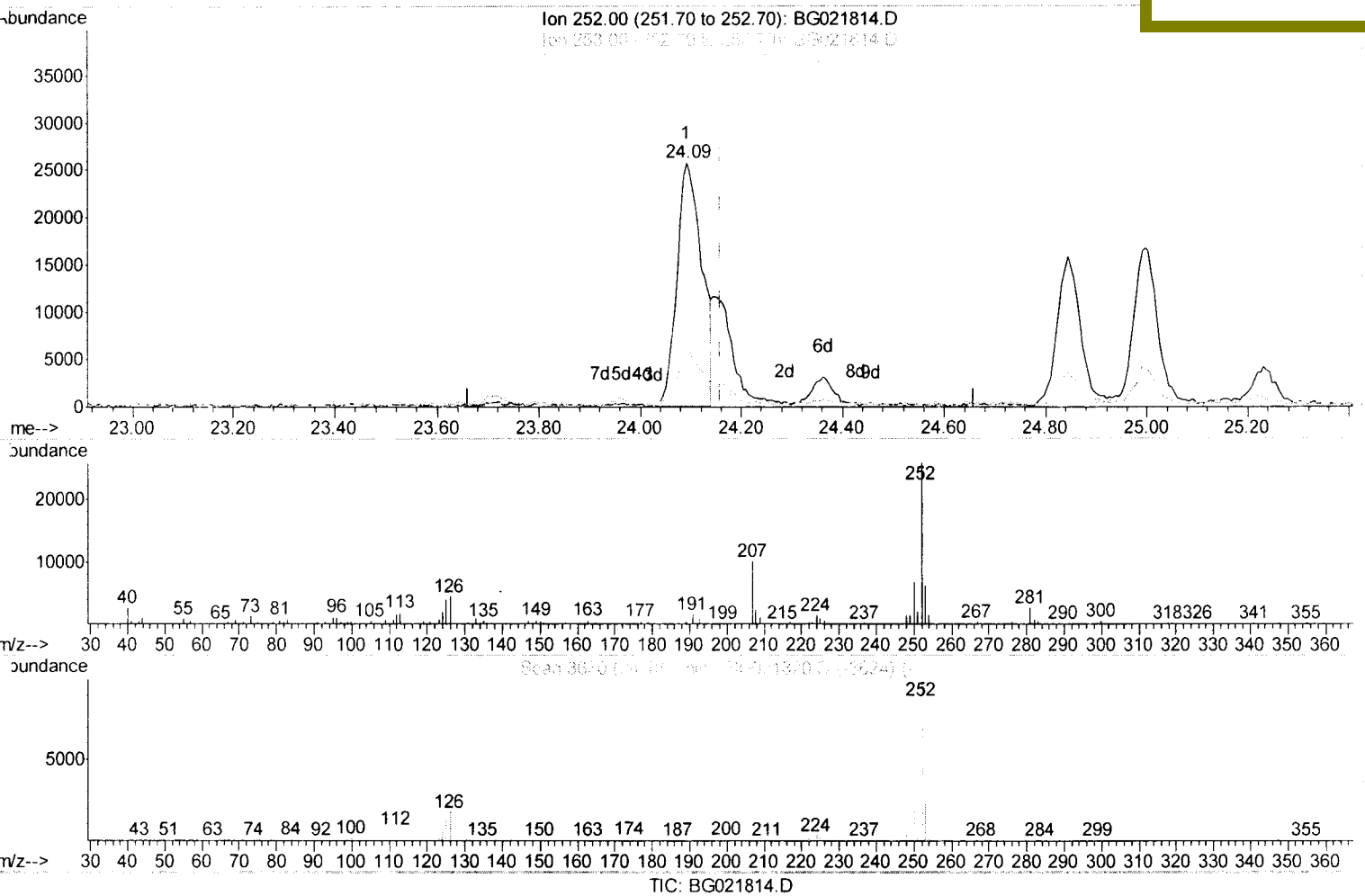
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Misc :
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(87) Benzo(k)fluoranthene

24.092min (-0.069) 3.58ng/ul

response 86754

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.30
125.00	9.60	15.49#
0.00	0.00	0.00

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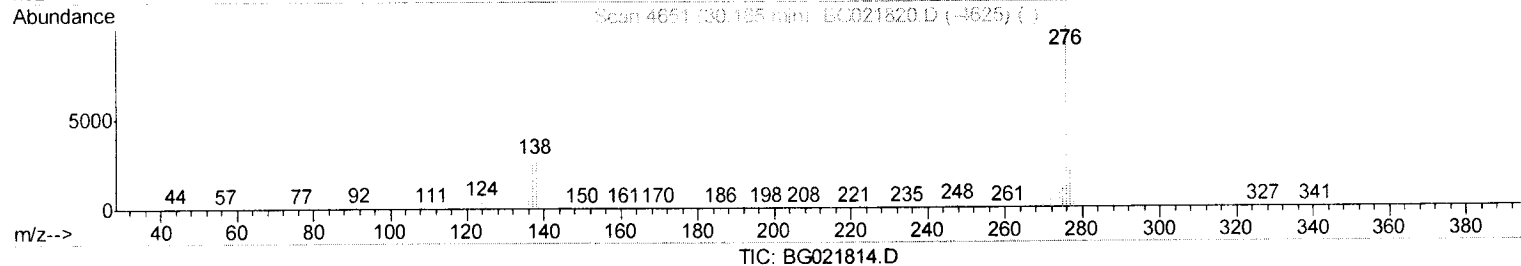
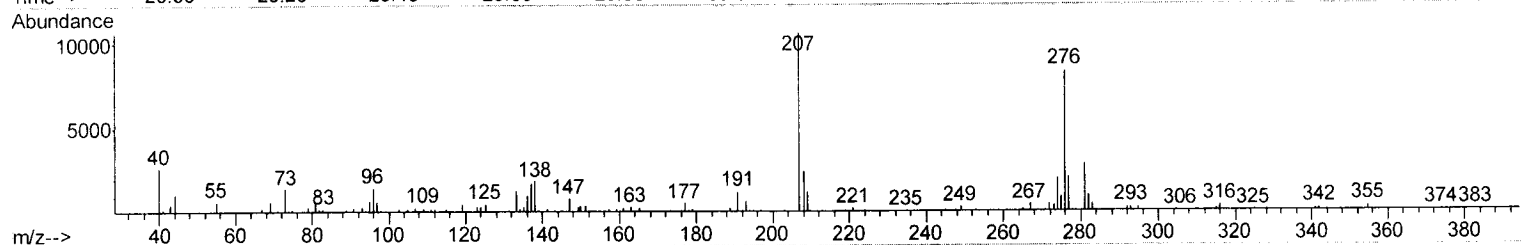
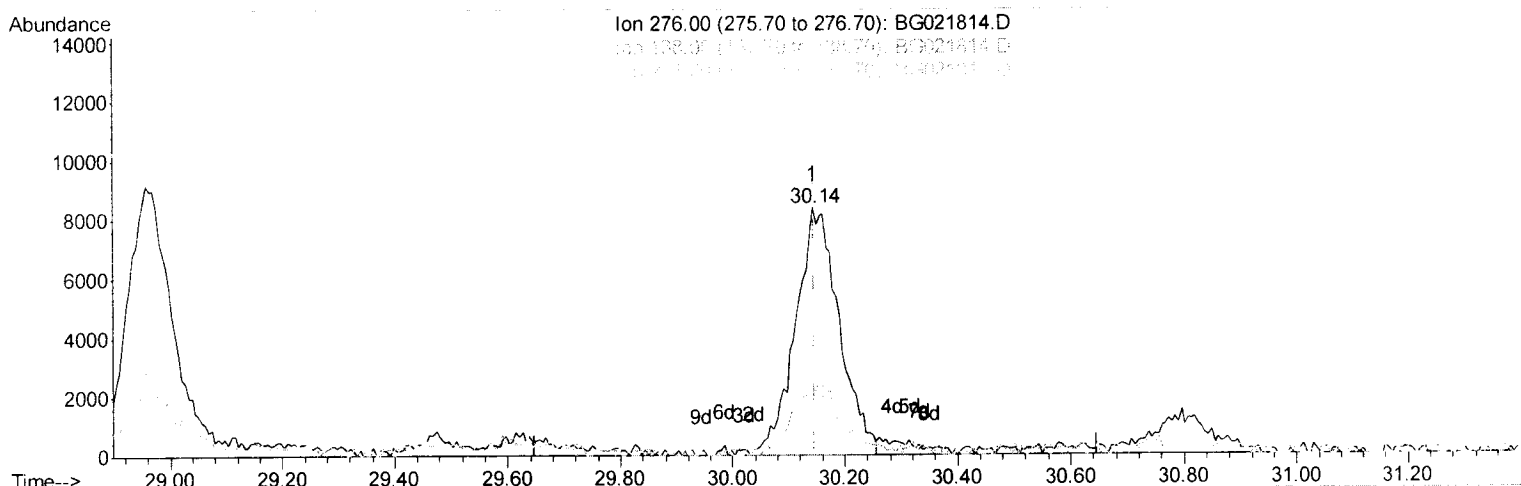
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(92) Benzo(g,h,i)perylene

30.143min (-0.004) 2.07ng/ul m

response 45625

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	23.04#
277.00	24.70	25.90
0.00	0.00	0.00

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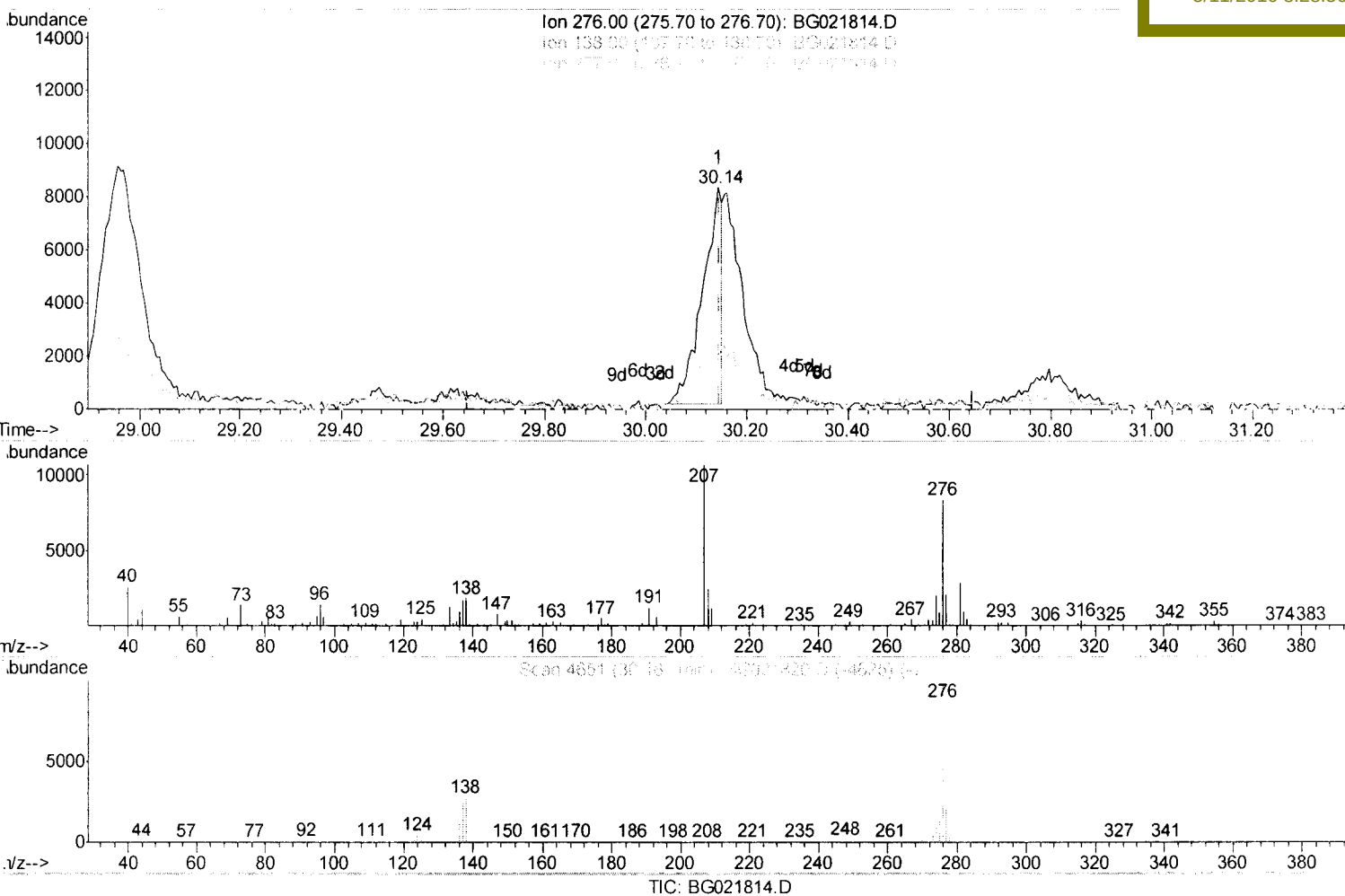
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(92) Benzo(g,h,i)perylene

30.143min (-0.004) 0.98ng/ul

response 21524

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	23.04#
277.00	24.70	25.90
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	8.18	152	57463	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	303584	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	187575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	407434	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	407764	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	395638	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	6257m	5.26	ng/uL	0.00
5) Phenol-d5	7.33	99	110366	25.88	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.51	67	57112	27.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	103401	31.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	104230m	29.10	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	53449	26.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	43940	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	98493	27.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	104321m	27.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	366339	27.81	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	503763	26.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	47700m	21.12	ng/ul	0.00
58) Fluorene-d10	15.79	176	349031	25.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	31329	27.76	ng/ul	0.00
71) Anthracene-d10	17.64	188	503641	25.39	ng/ul	0.00
77) Pyrene-d10	19.91	212	551363	28.89	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	503342	26.78	ng/ul	0.00

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Target Compounds

					Qvalue
45) Dimethylphthalate	14.24	163	70097	5.22 ng/ul	97
75) Fluoranthene	19.58	202	44461	1.76 ng/ul#	94
78) Pyrene	19.94	202	44270m	1.88 ng/ul	
81) Benzo(a)anthracene	21.80	228	44042	1.94 ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	51920	6.10 ng/ul	98
83) Chrysene	21.87	228	45789	2.04 ng/ul	96
86) Benzo(b)fluoranthene	24.09	252	86754	3.83 ng/ul#	93
87) Benzo(k)fluoranthene	24.14	252	33576m	1.38 ng/ul	
89) Benzo(a)pyrene	25.00	252	54931	2.44 ng/ul#	97
90) Indeno(1,2,3-cd)pyrene	28.96	276	47812	1.79 ng/ul#	84
92) Benzo(g,h,i)perylene	30.14	276	45625m	2.07 ng/ul	

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