

Quantitation Report (QT Reviewed)

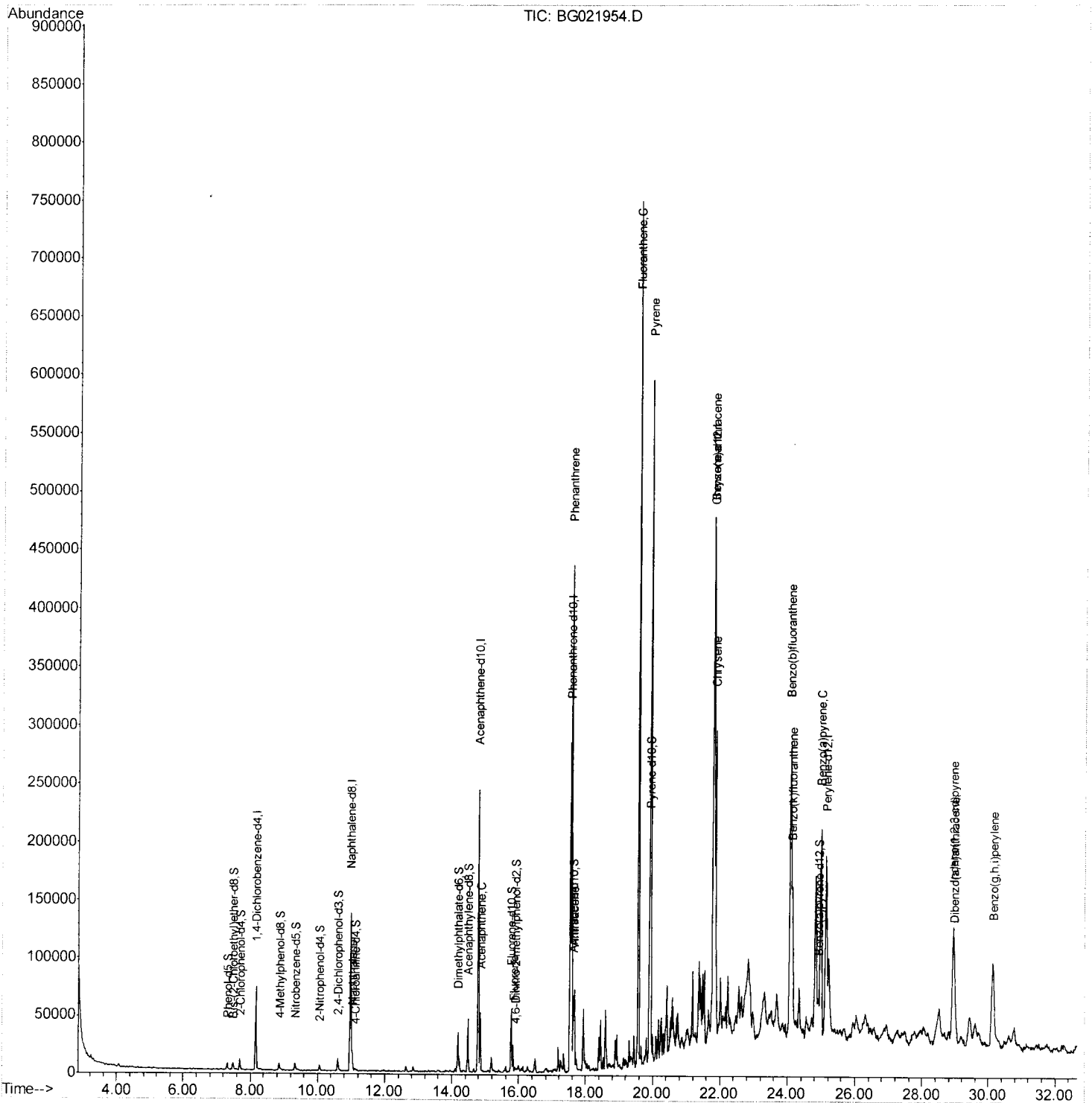
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
 Acq On : 19 May 2016 5:18
 Operator : UM/SJ
 Sample : H3095-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 D9XF8DL

Manual Integrations
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sohil
 5/19/2016 7:08:15 PM

Quant Time: May 19 06:47:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

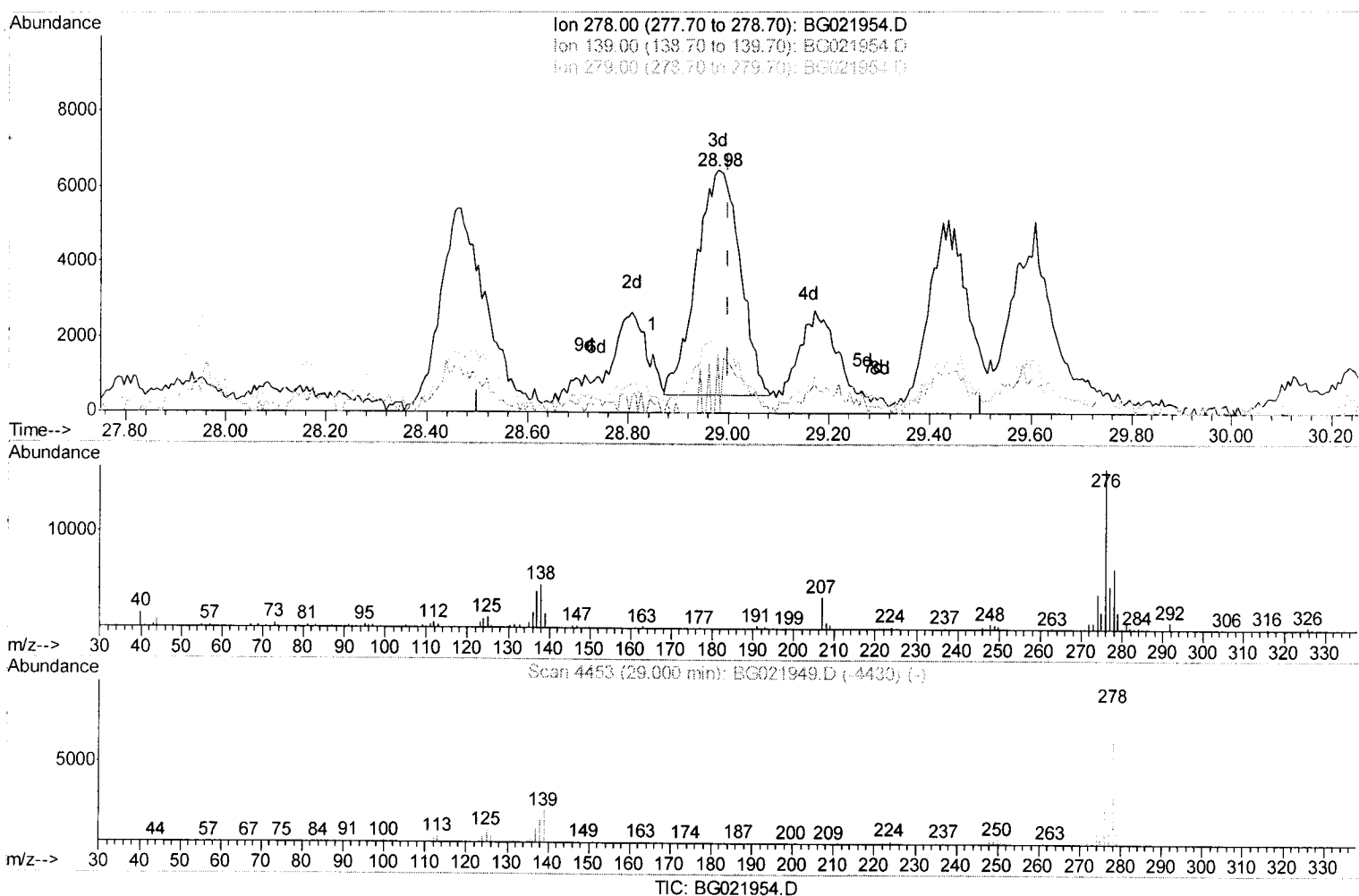
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
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Quant Time: May 19 06:42:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
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(40) Dibenzo(a,h)anthracene

28.978min (-0.022) 4.50ng/ul m

response 36202

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	24.74#
279.00	24.80	30.67#
0.00	0.00	0.00

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Quantitation Report (Qedit)

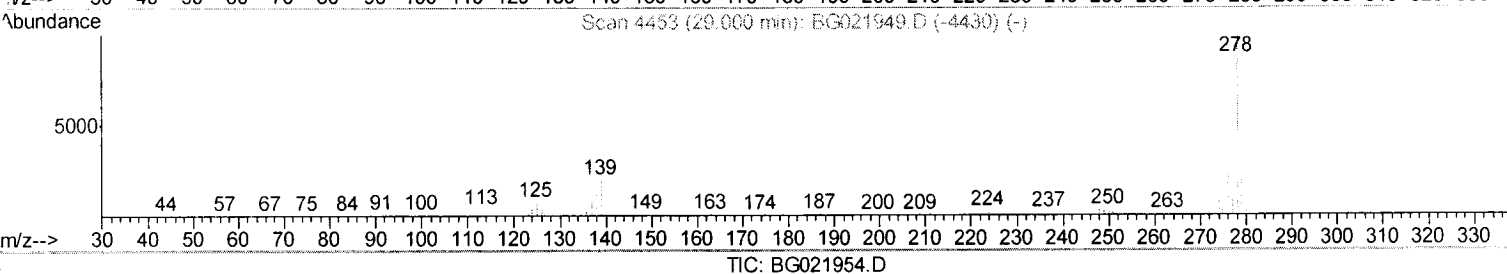
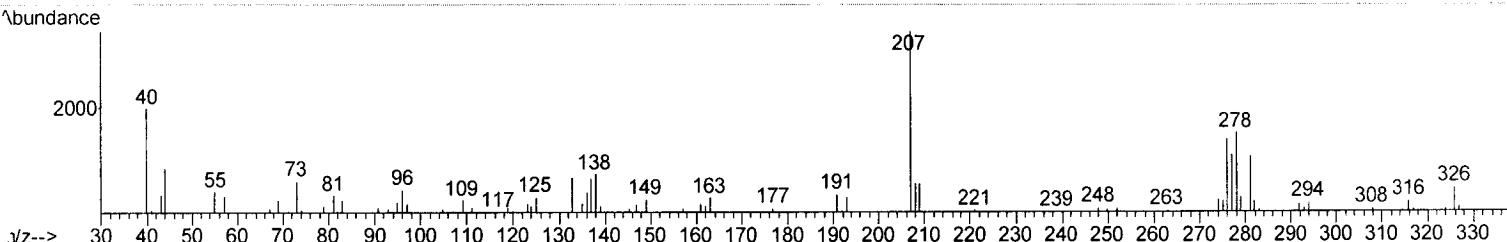
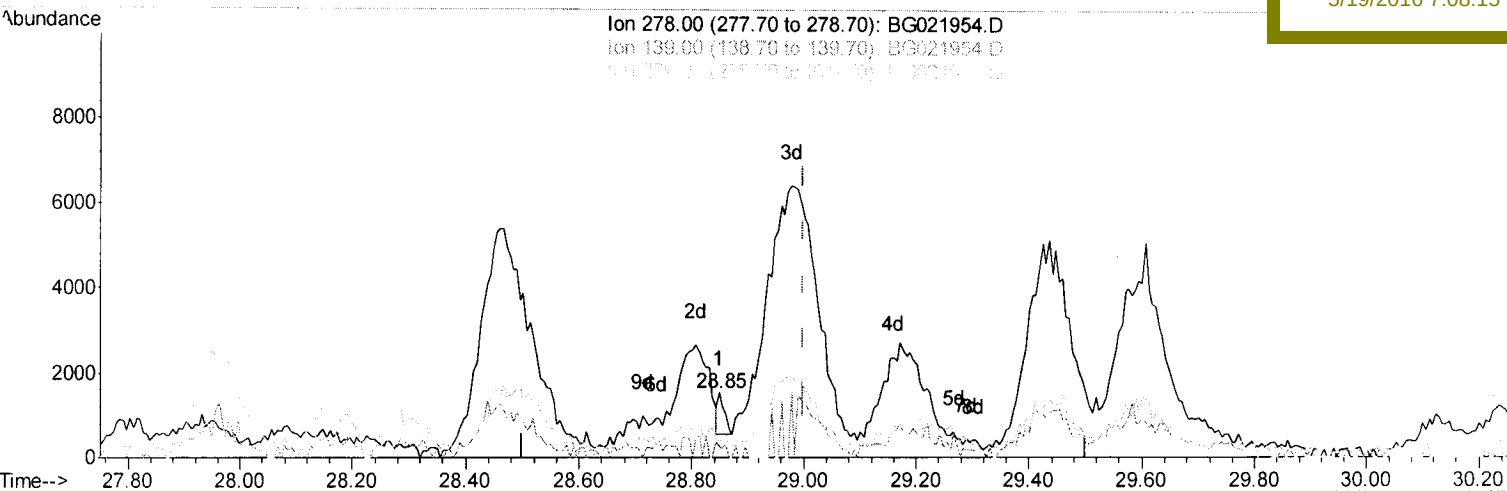
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(40) Dibenzo(a,h)anthracene

28.849min (-0.151) 0.10ng/ul

response 817

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.58
279.00	24.80	27.03
0.00	0.00	0.00

Quantitation Report (Qedit)

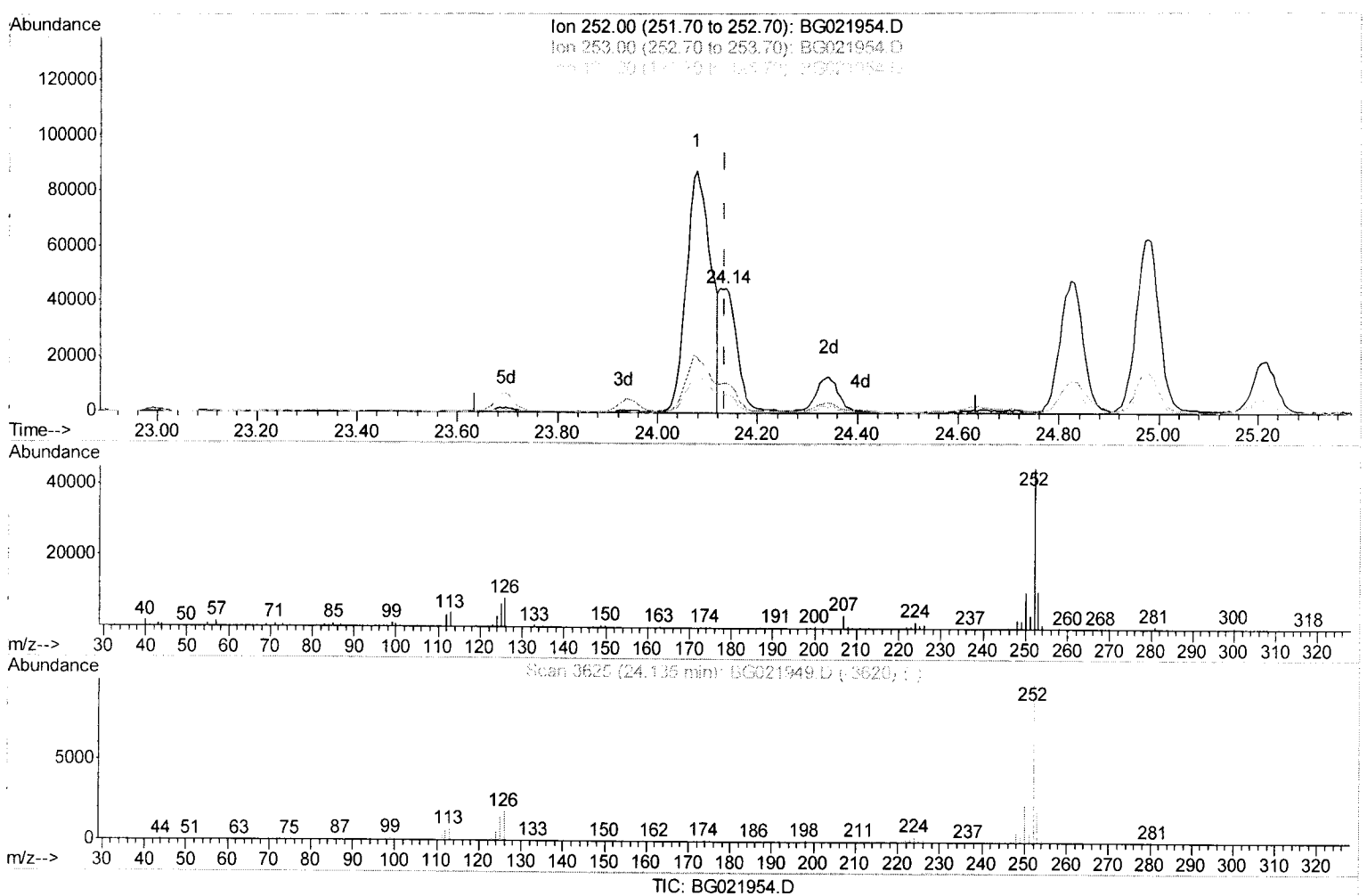
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(36) Benzo(k)fluoranthene

24.137min (+0.001) 12.47ng/ul m

response 109537

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.85
125.00	9.60	14.62#
0.00	0.00	0.00

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Quantitation Report (Qedit)

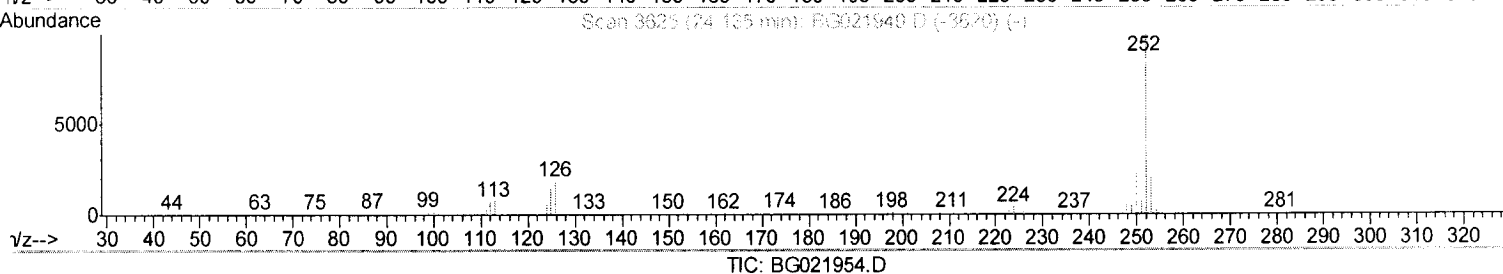
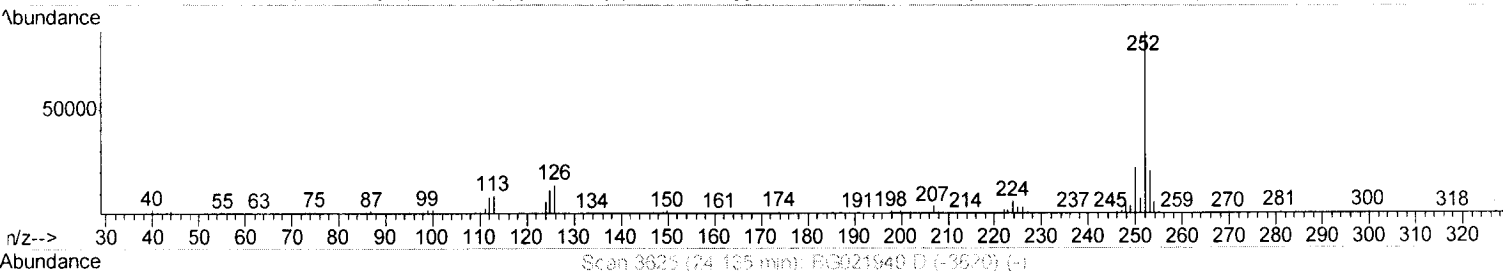
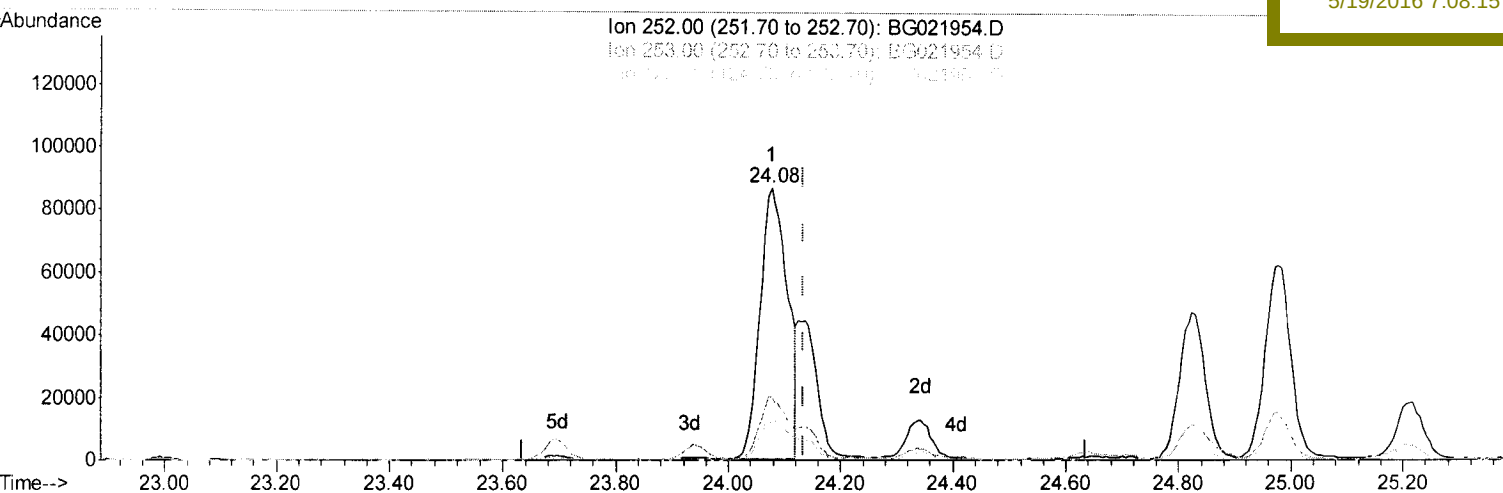
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TIC: BG021954.D

(36) Benzo(k)fluoranthene

24.078min (-0.057) 33.74ng/ul

response 296300

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.40
125.00	9.60	13.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

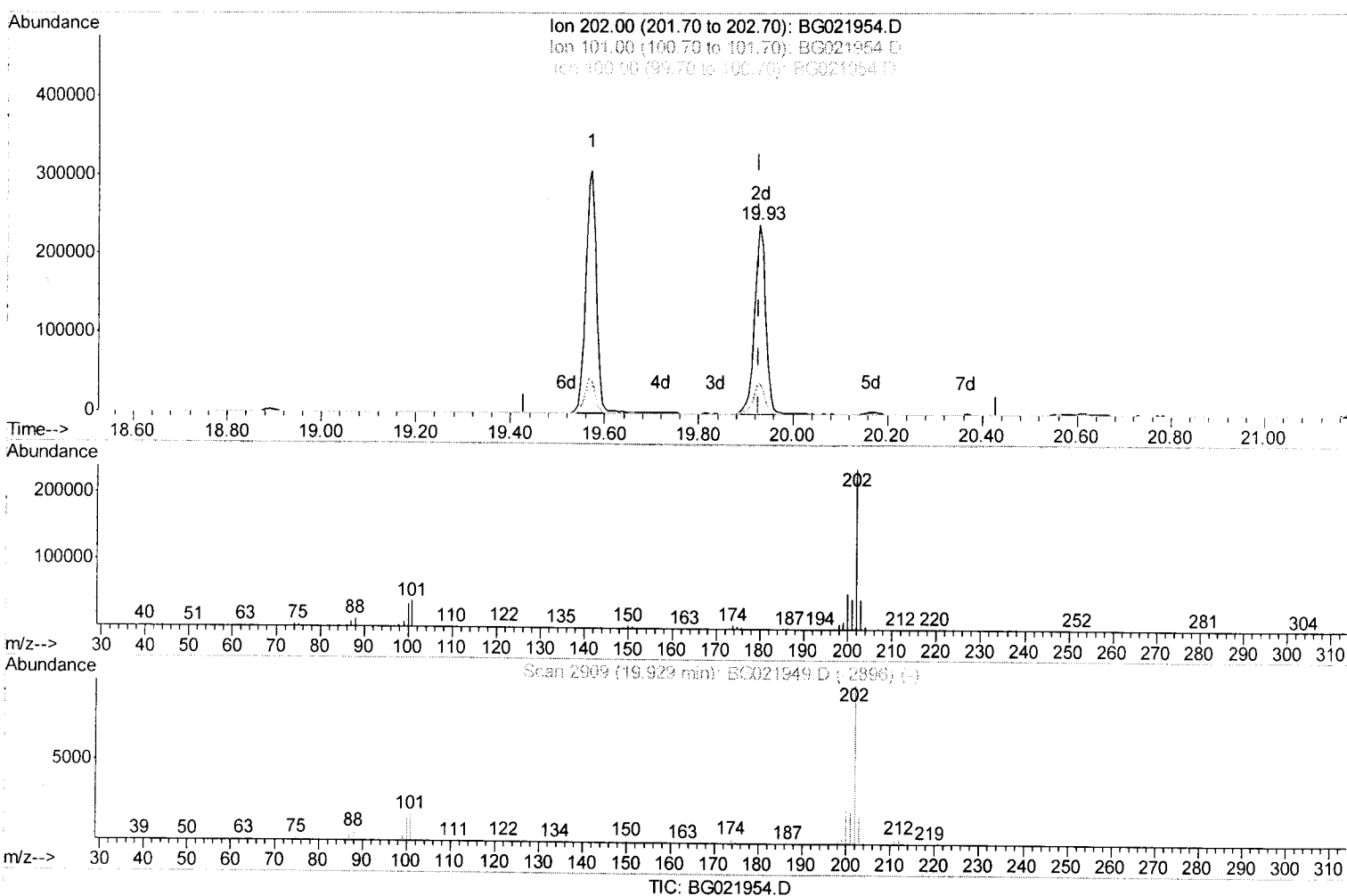
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(31) Pyrene

19.930min (+0.001) 33.52ng/ul m

response 394234

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.38#
100.00	11.60	14.64#
0.00	0.00	0.00

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Quantitation Report (Qedit)

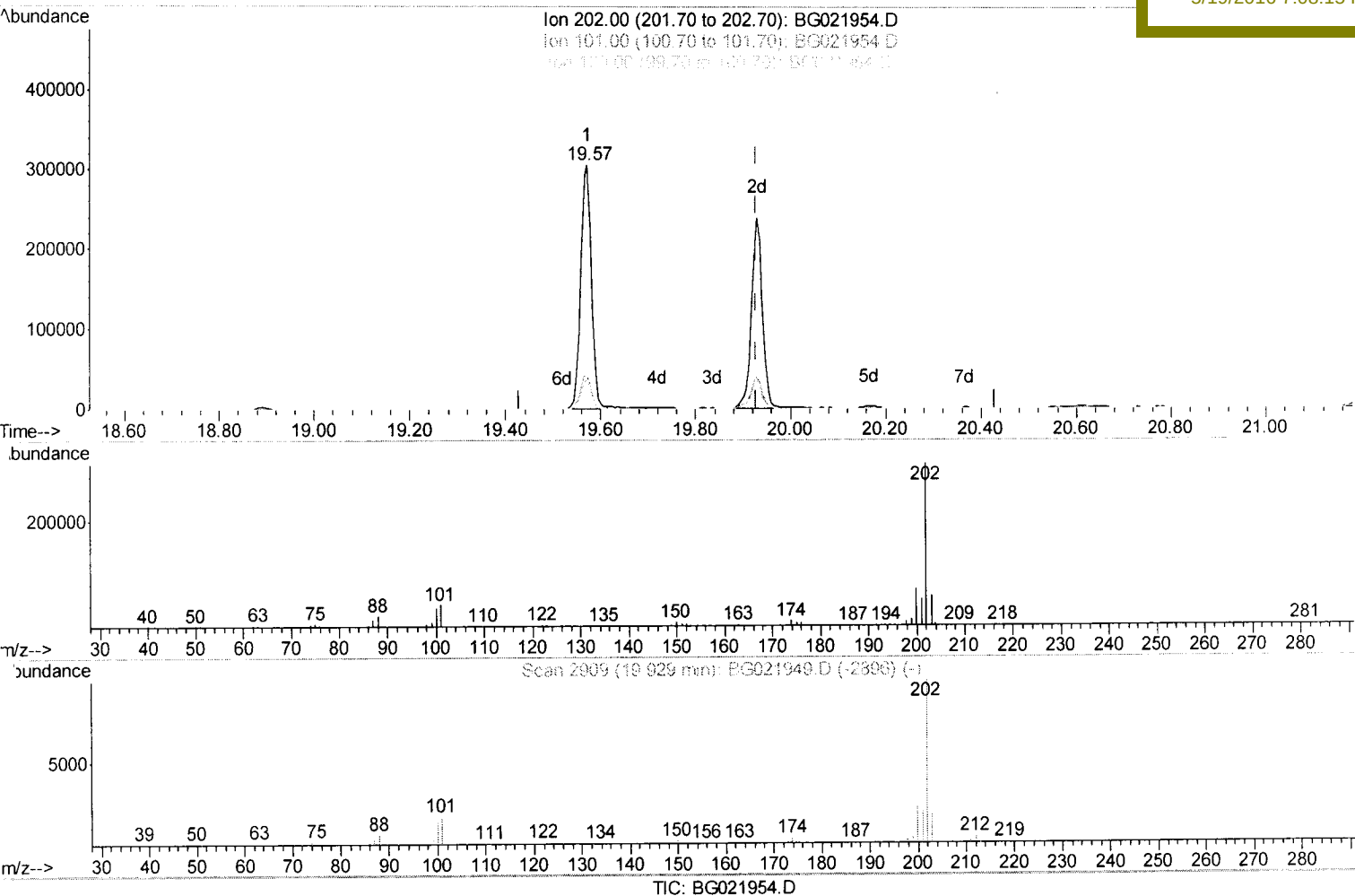
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(31) Pyrene

19.572min (-0.357) 40.24ng/ul

response 473258

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.65
100.00	11.60	11.70
0.00	0.00	0.00

Quantitation Report (Qedit)

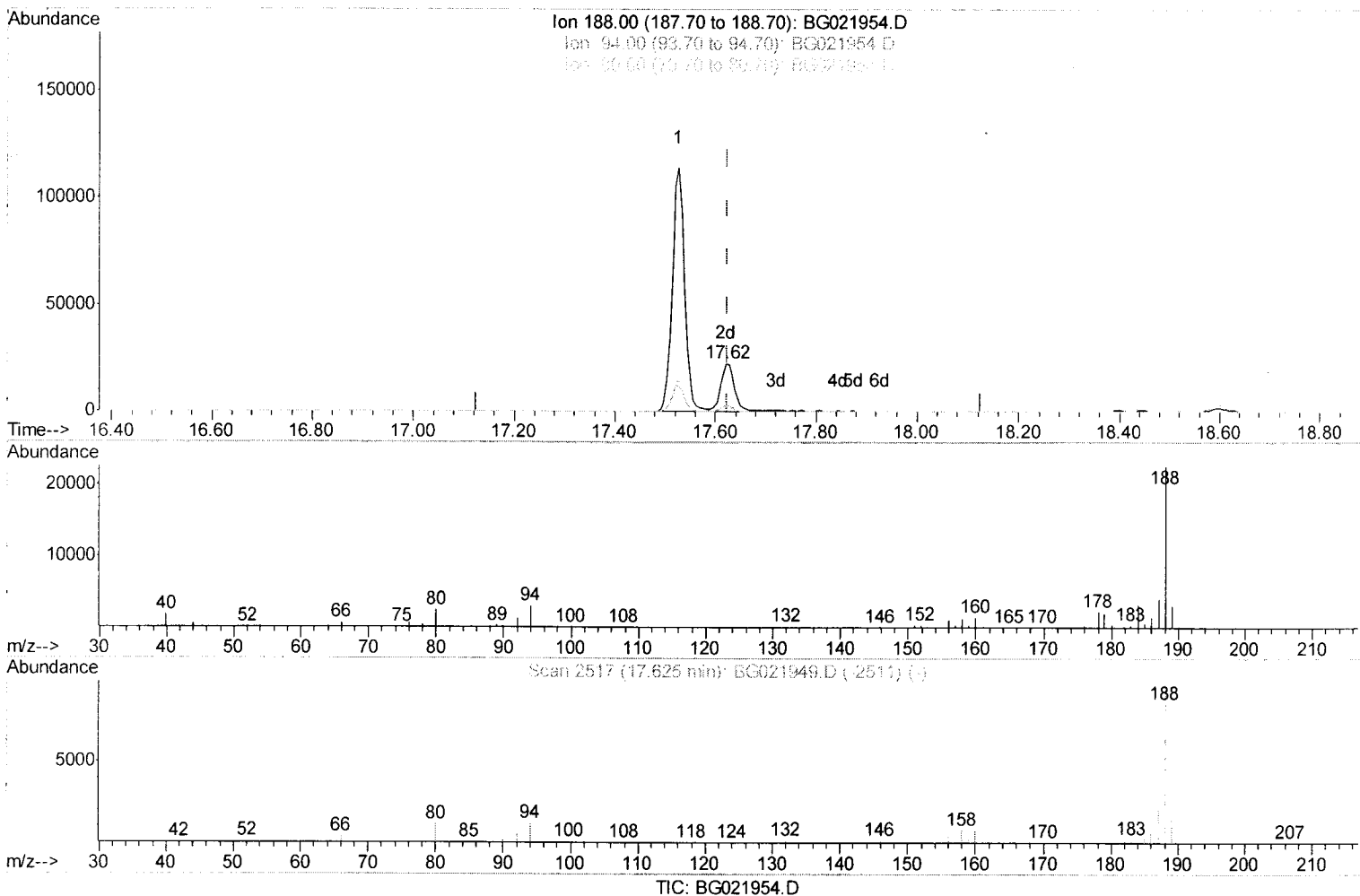
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
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(26) Anthracene-d10 (S)

17.621min (-0.005) 4.63ng/ul m

response 41163

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	13.95#
80.00	10.80	11.39
0.00	0.00	0.00

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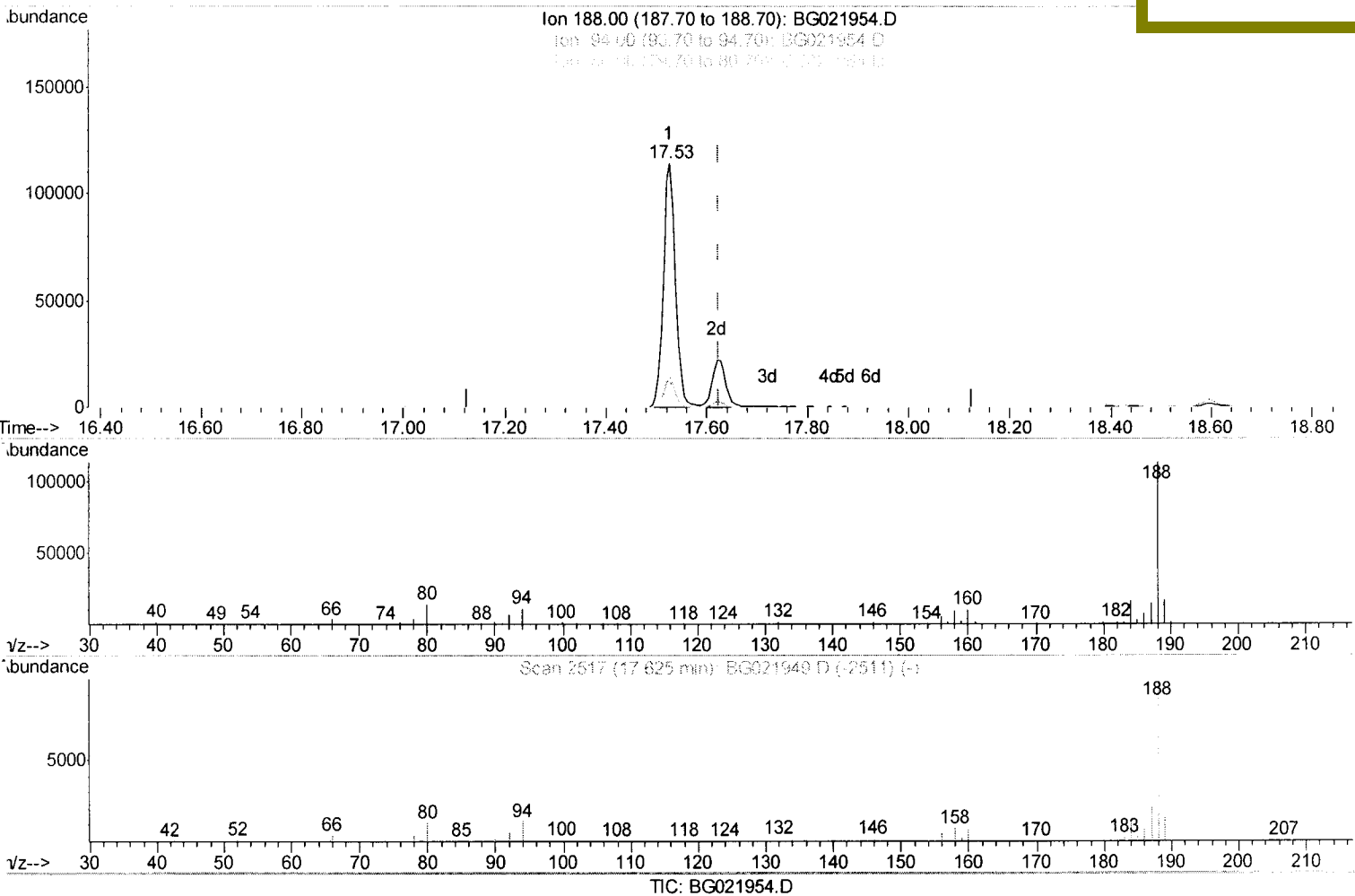
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021954.D
Acq On : 19 May 2016 5:18
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Sample : H3095-22DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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(26) Anthracene-d10 (S)

17.527min (-0.099) 21.70ng/ul

response 192807

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	10.05
80.00	10.80	12.65
0.00	0.00	0.00

Quantitation Report (Qedit)

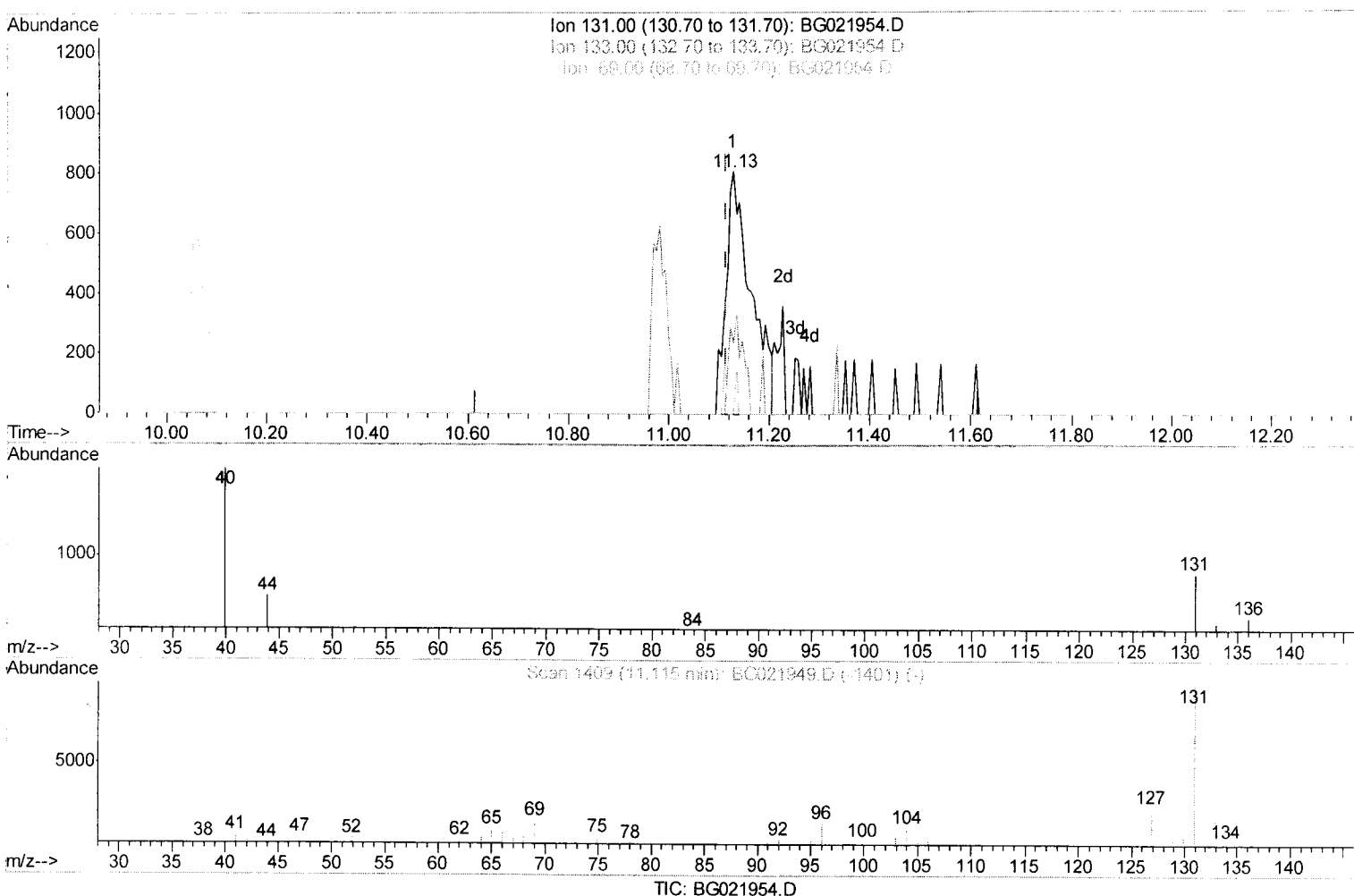
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(12) 4-Chloroaniline-d4 (S)

11.128min (+0.013) 1.74ng/ul m

response 2800

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	28.94
69.00	23.00	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

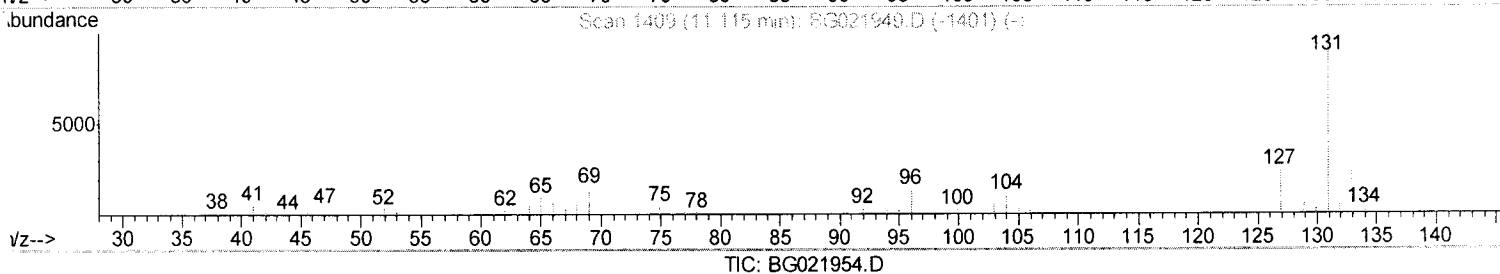
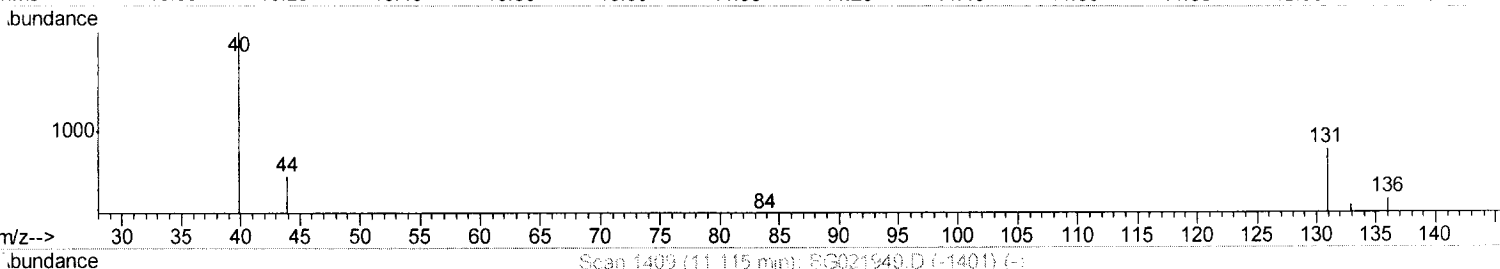
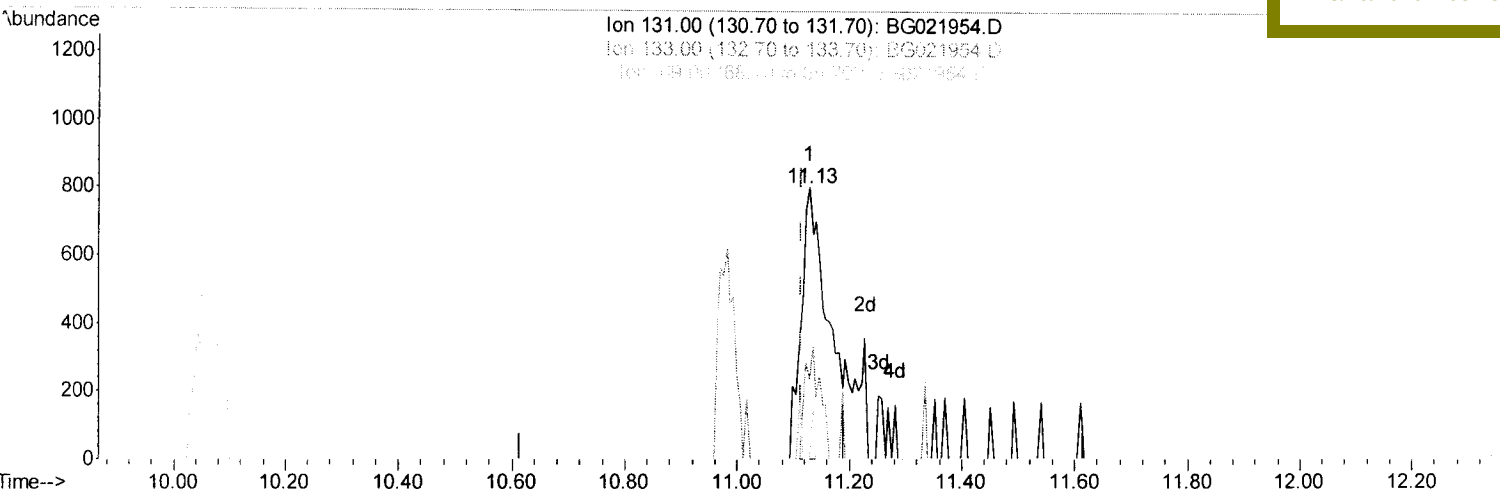
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9XF8DL

Manual Integrations
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(12) 4-Chloroaniline-d4 (S)

11.128min (+0.013) 1.58ng/ul

response 2548

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	28.94
69.00	23.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

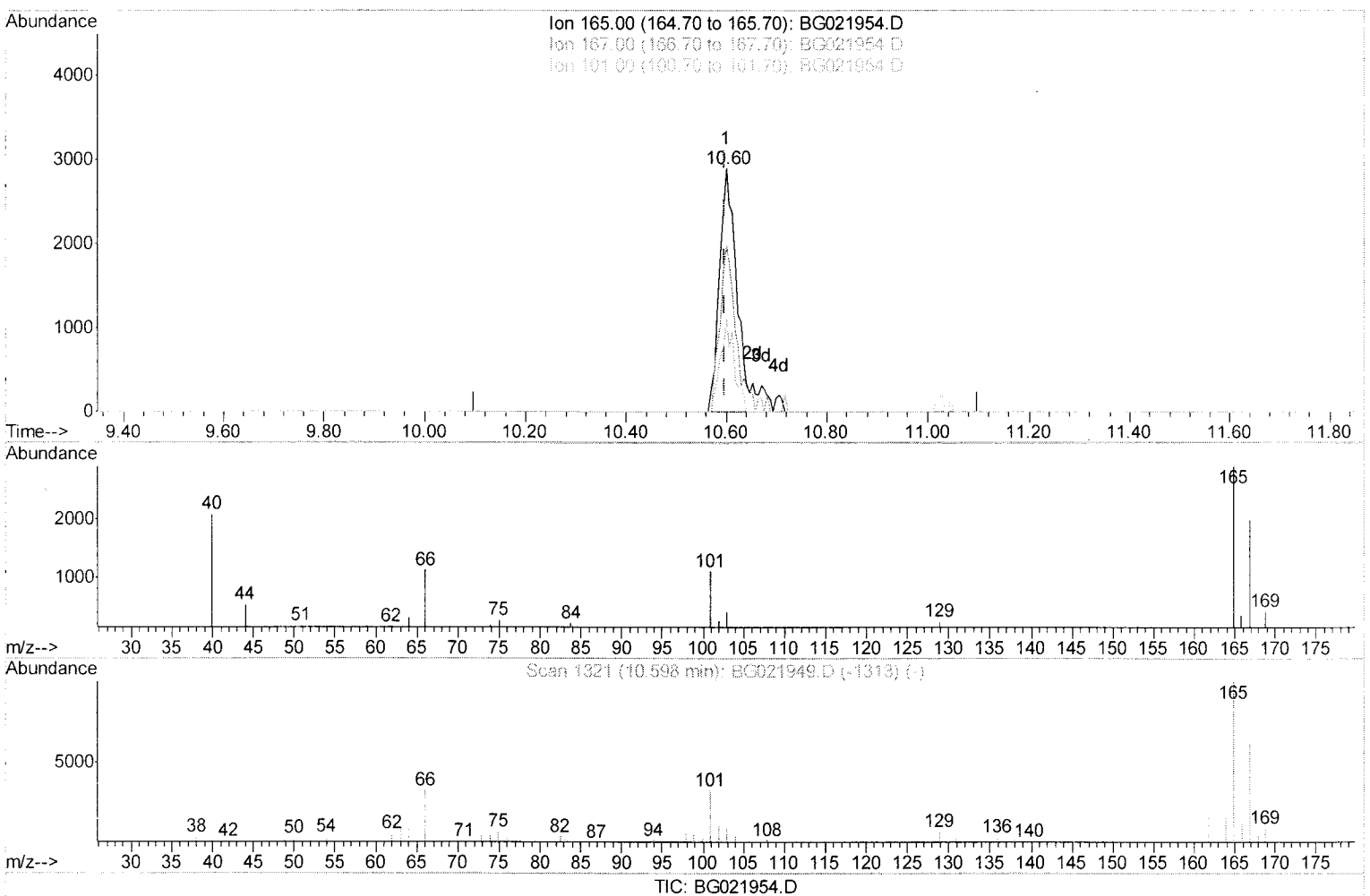
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
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(10) 2,4-Dichlorophenol-d3 (S)

10.600min (+0.001) 3.56ng/ul m

response 7272

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	68.00
101.00	41.00	38.15
0.00	0.00	0.00

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Quantitation Report (Qedit)

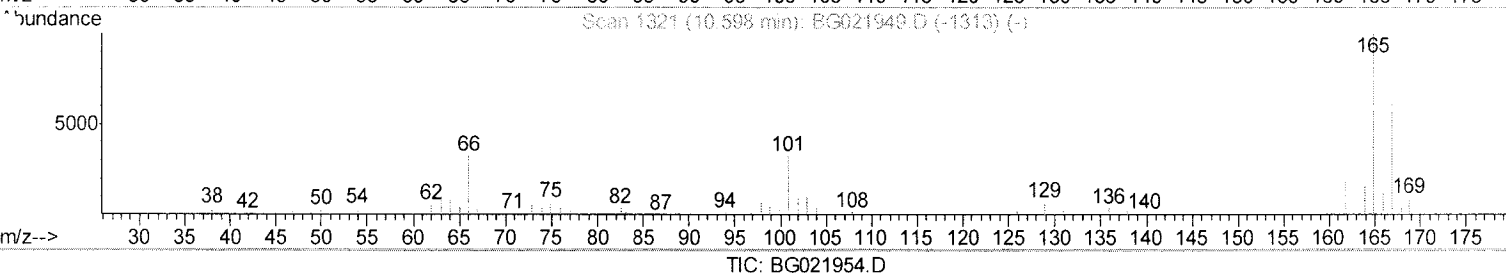
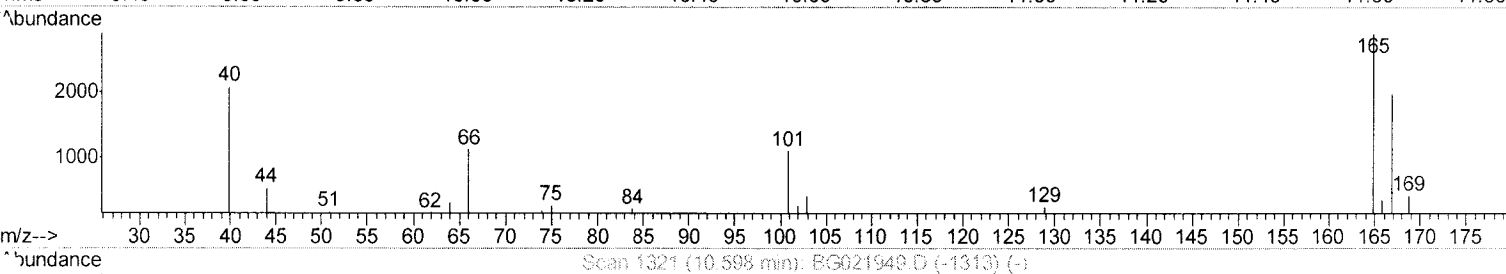
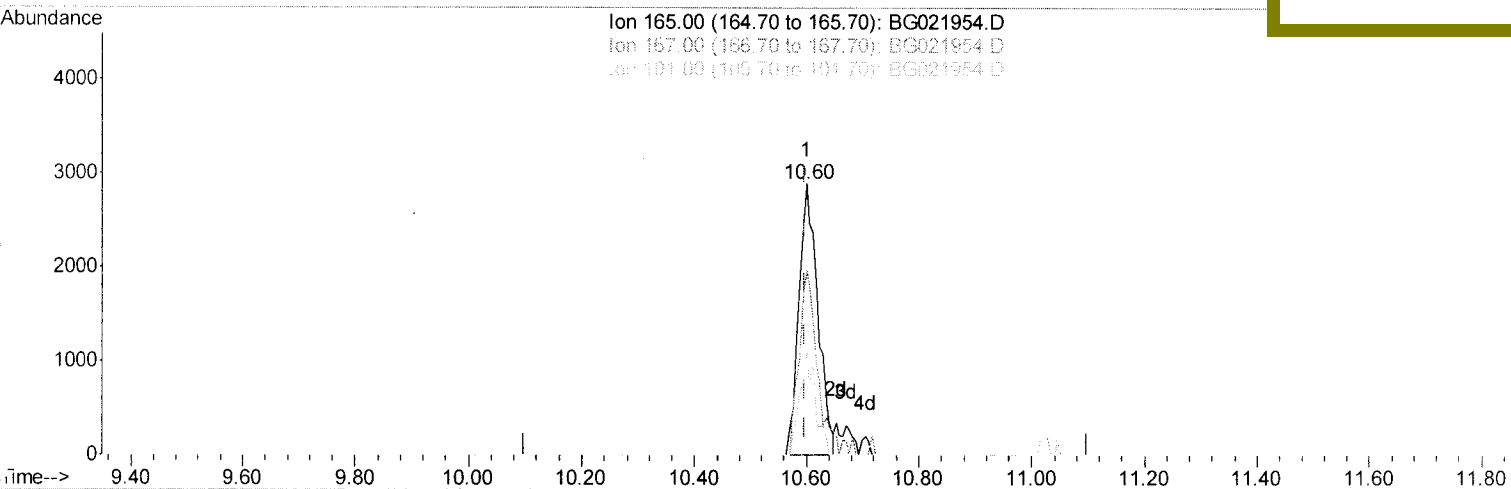
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Manual Integrations
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(10) 2,4-Dichlorophenol-d3 (S)

10.600min (+0.001) 3.27ng/ul

response 6675

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	68.00
101.00	41.00	38.15
0.00	0.00	0.00

Quantitation Report (Qedit)

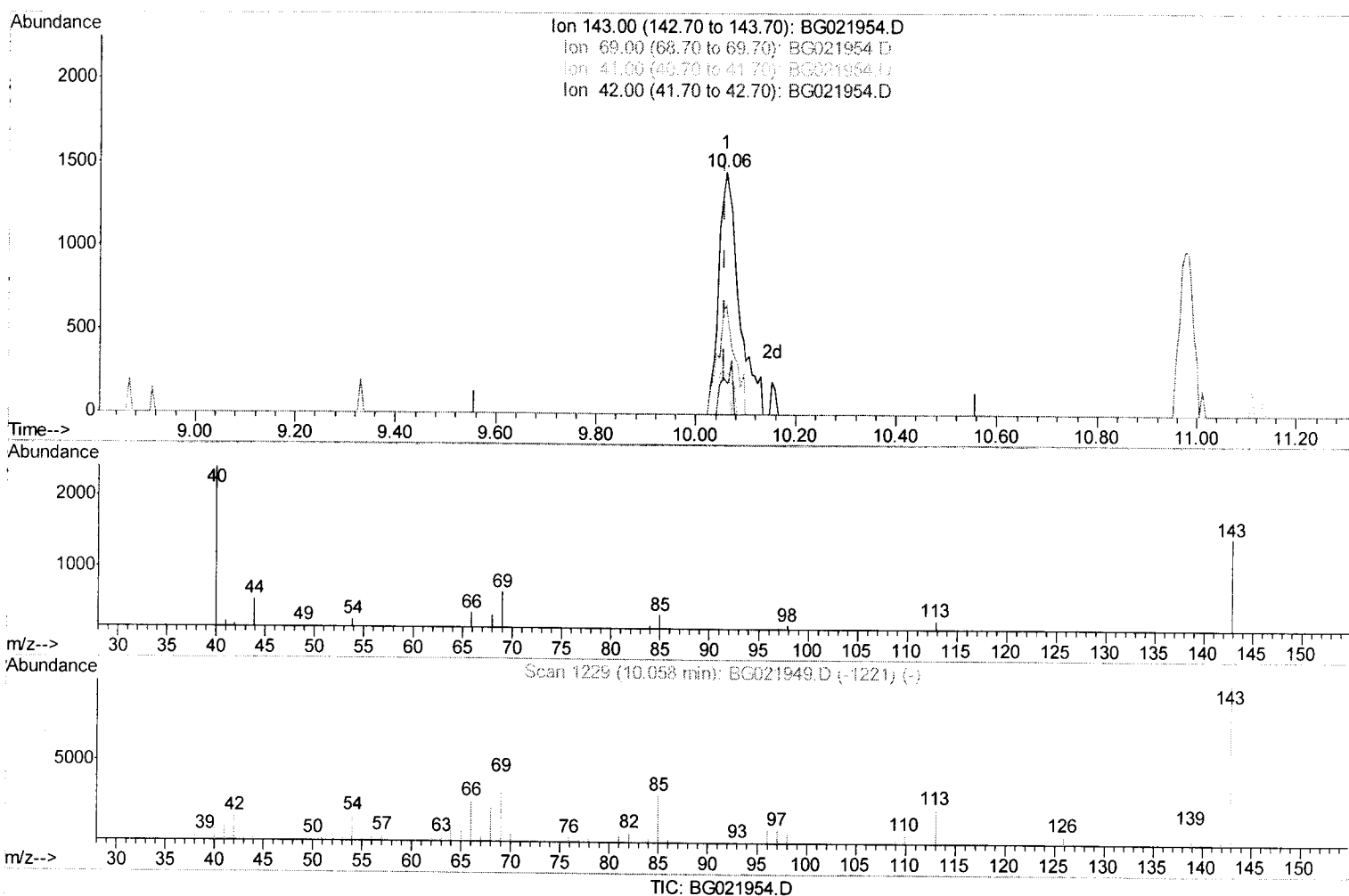
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(9) 2-Nitrophenol-d4 (S)

10.059min (+0.001) 3.50ng/ul m

response 4050

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	45.37#
41.00	34.20	15.42#
42.00	33.20	13.83#

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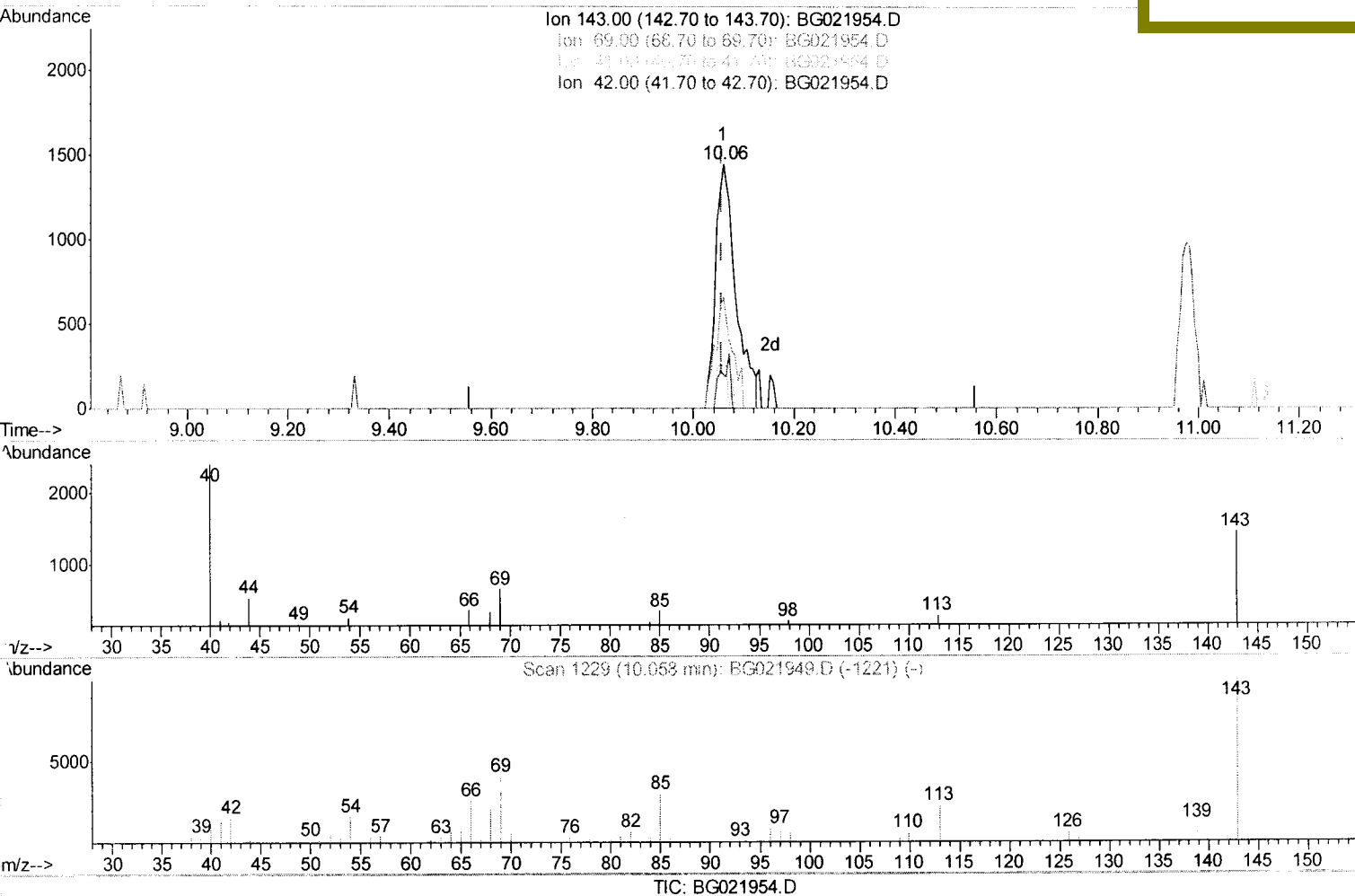
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(9) 2-Nitrophenol-d4 (S)

10.059min (+0.001) 3.43ng/ul

response 3969

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	45.37#
41.00	34.20	15.42#
42.00	33.20	13.83#

Quantitation Report (Qedit)

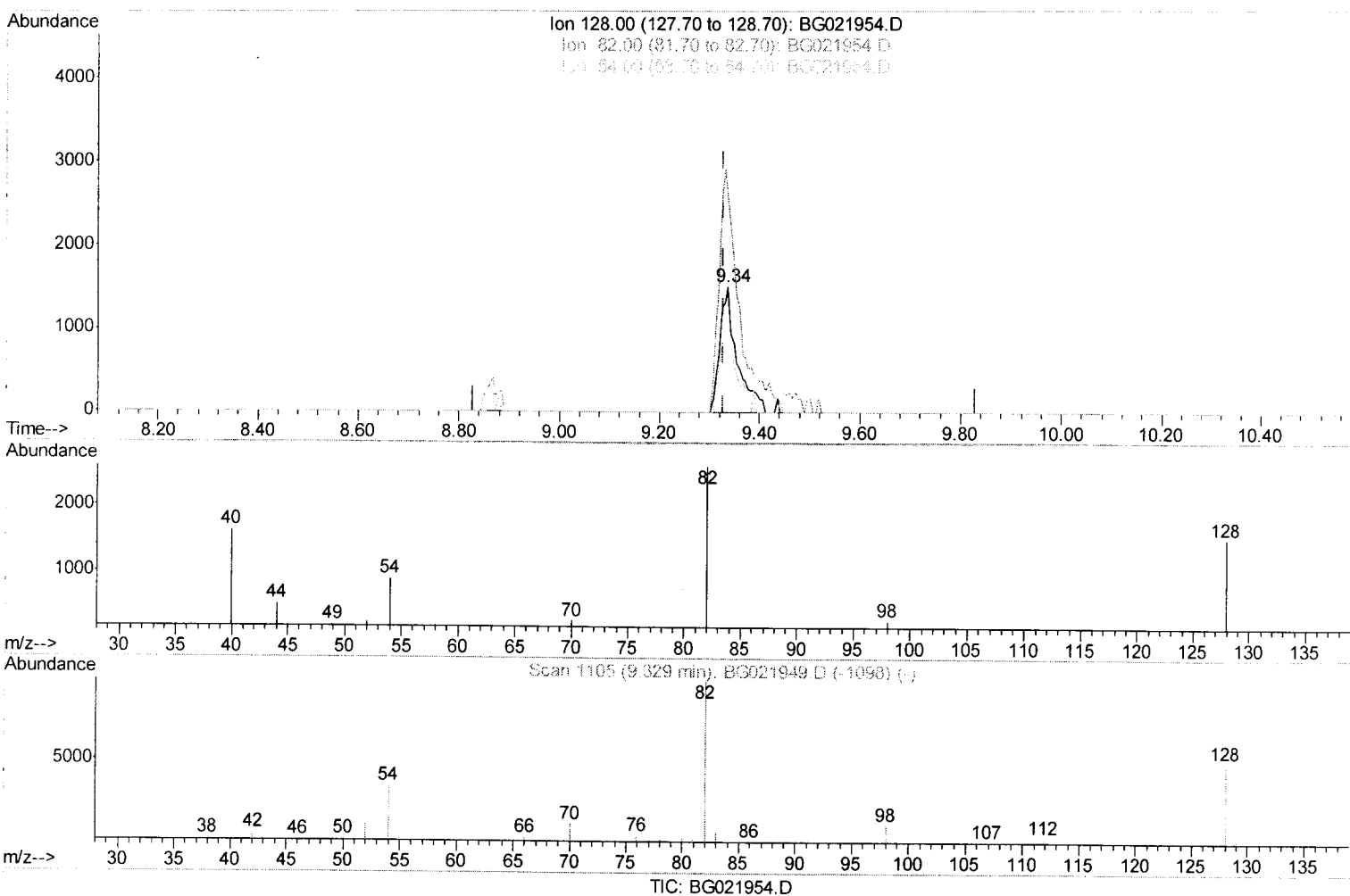
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(8) Nitrobenzene-d5 (S)

9.336min (+0.007) 3.37ng/ul m

response 3658

Ion	Exp%	Act%
128.00	100	100
82.00	309.10	171.65#
54.00	161.50	58.56#
0.00	0.00	0.00

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Quantitation Report (Qedit)

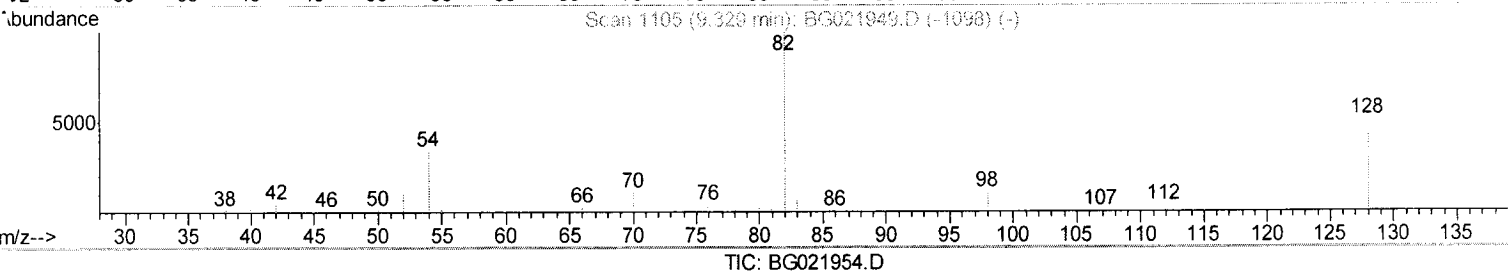
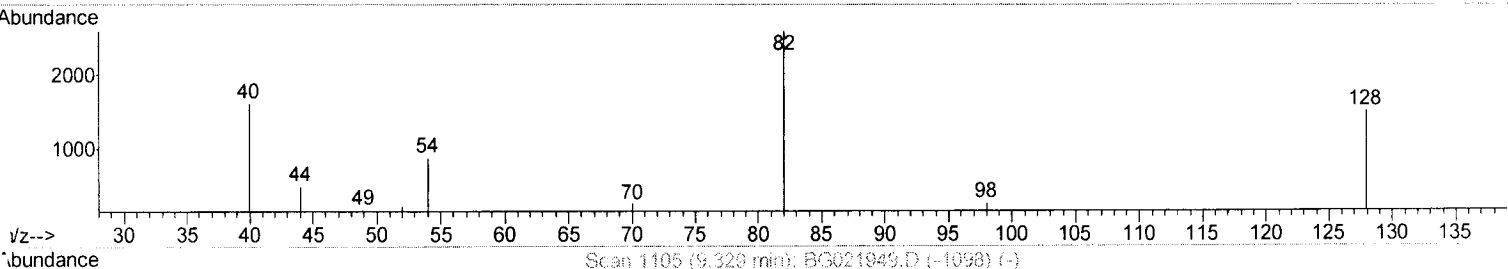
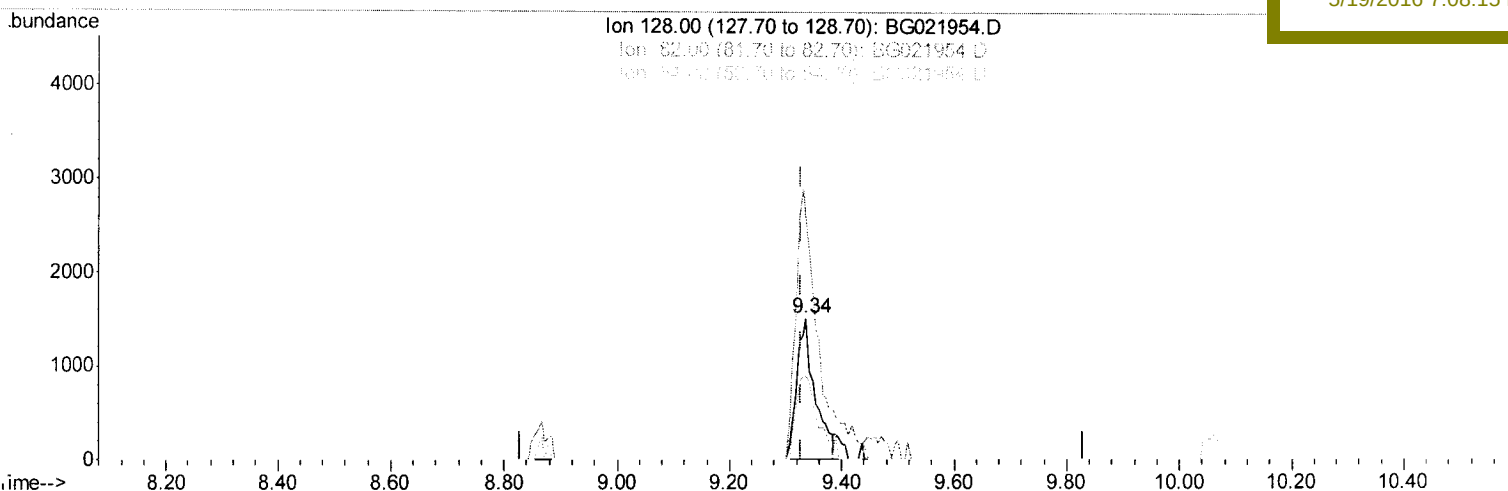
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TIC: BG021954.D

(8) Nitrobenzene-d5 (S)

9.336min (+0.007) 3.12ng/ul

response 3379

Ion	Exp%	Act%
128.00	100	100
82.00	309.10	171.65#
54.00	161.50	58.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

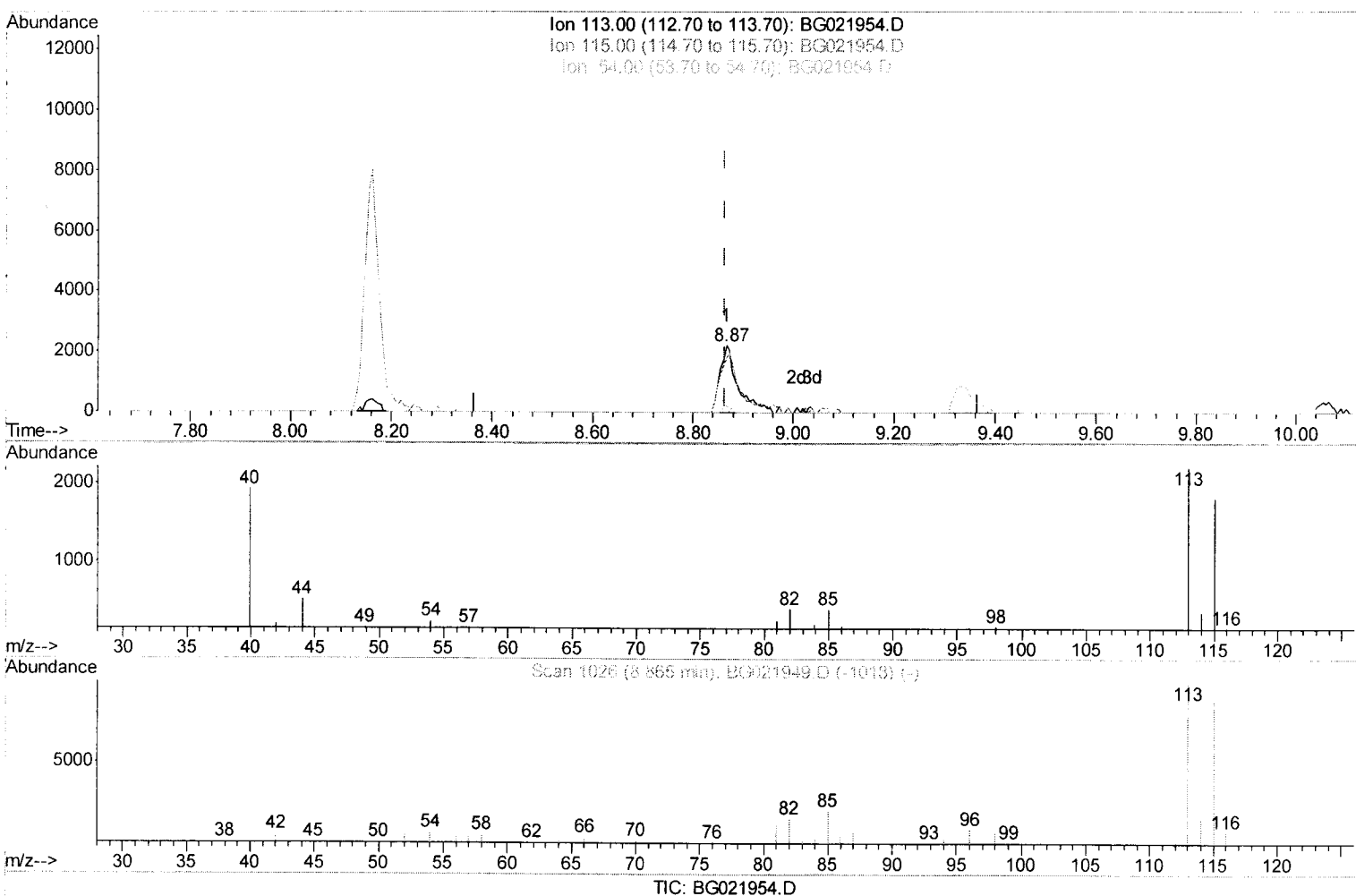
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(6) 4-Methylphenol-d8 (S)

8.866min (+0.001) 2.48ng/ul m

response 5547

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	82.24
54.00	18.70	10.78#
0.00	0.00	0.00

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Quantitation Report (Qedit)

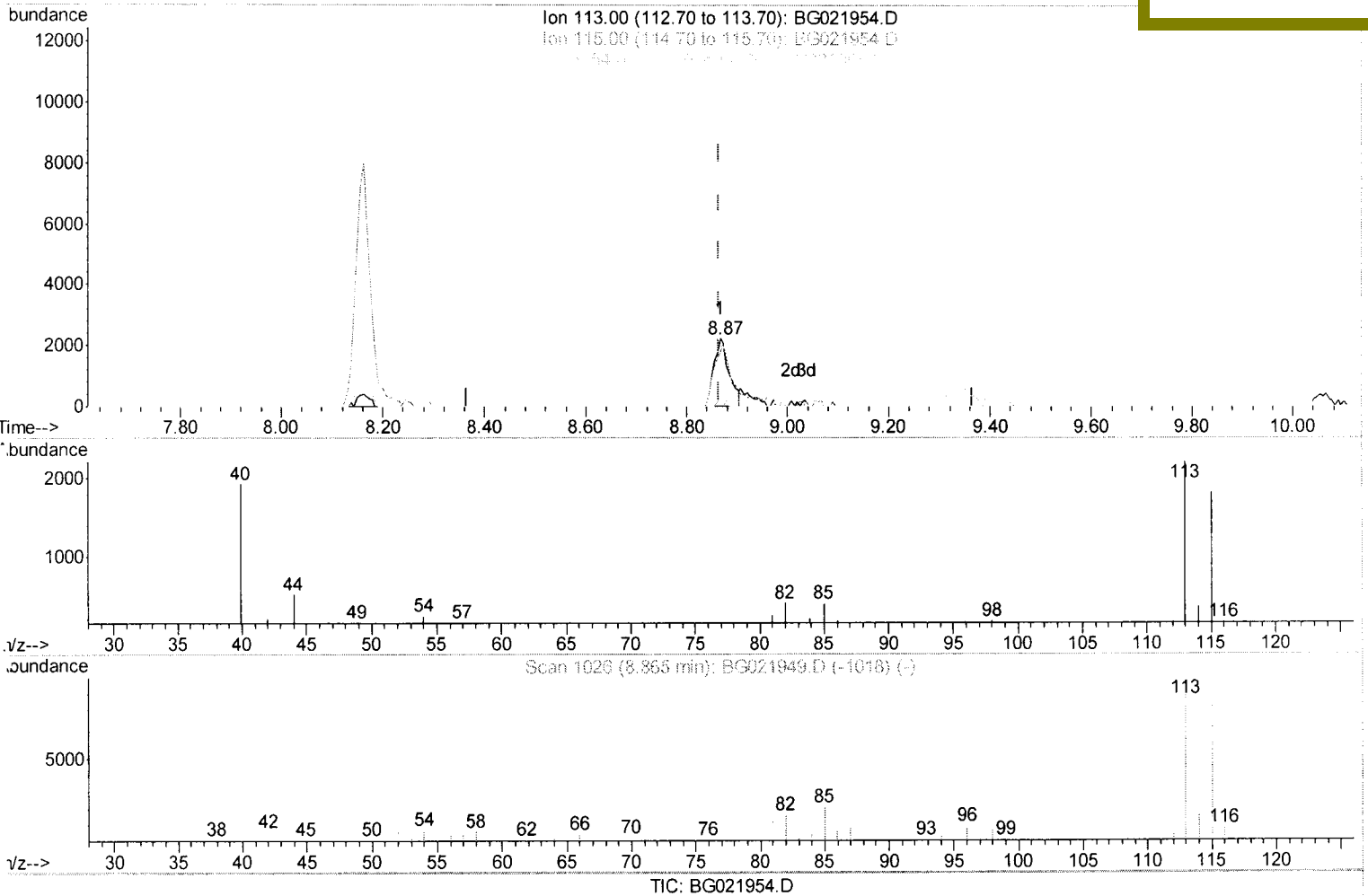
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
 Acq On : 19 May 2016 5:18
 Operator : UM/SJ
 Sample : H3095-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9XF8DL

Manual Integrations
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Quant Time: May 19 06:42:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(6) 4-Methylphenol-d8 (S)

8.866min (+0.001) 2.05ng/ul

response 4586

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	82.24
54.00	18.70	10.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

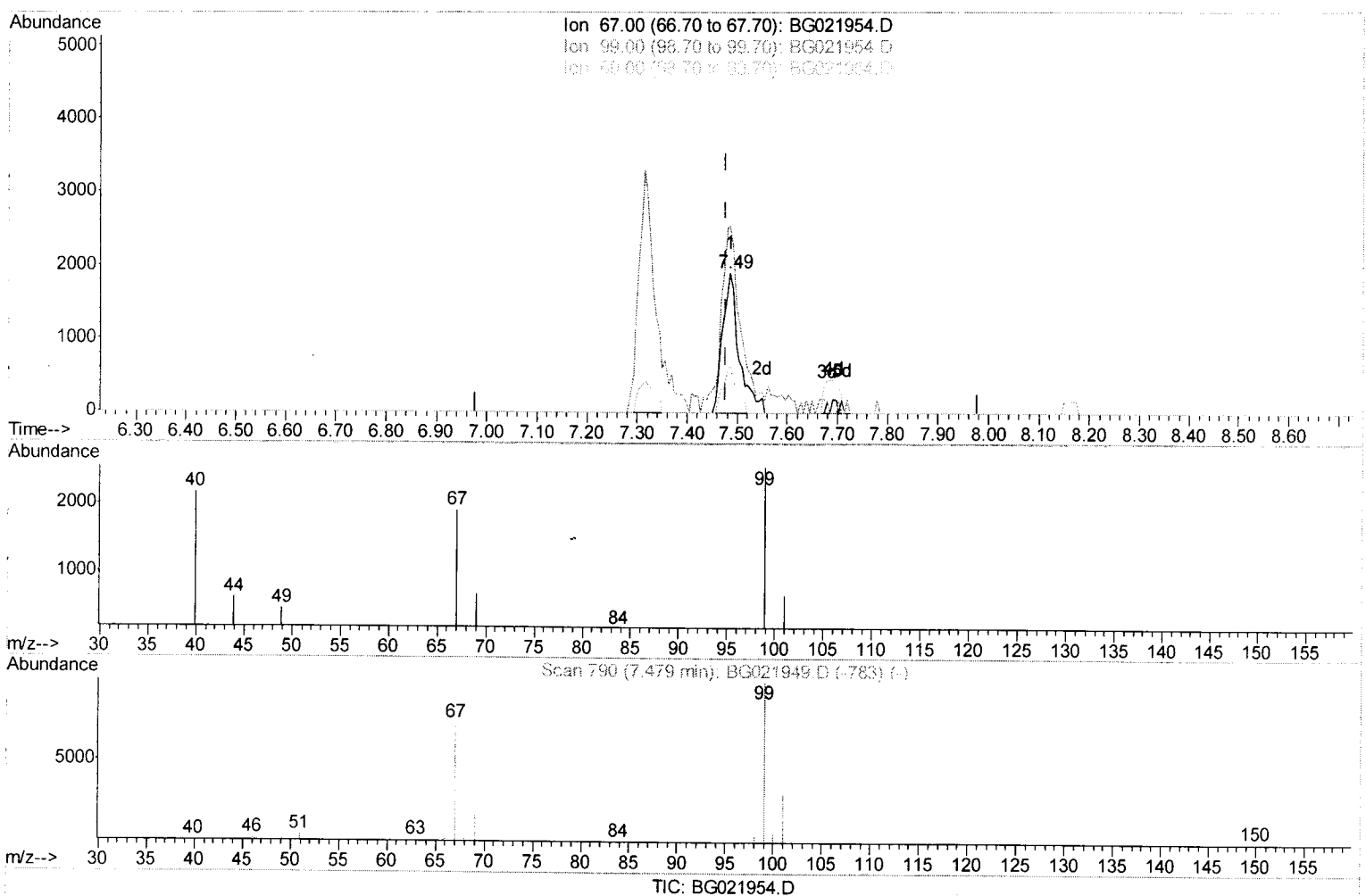
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
 Acq On : 19 May 2016 5:18
 Operator : UM/SJ
 Sample : H3095-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF8DL

Manual Integrations
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Quant Time: May 19 06:42:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(4) Bis-(2-Chloroethyl)ether-d8 (S)

7.486min (+0.007) 3.27ng/ul m

response 4371

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Ion	Exp%	Act%
67.00	100	100
99.00	104.60	133.94#
69.00	33.20	34.68
0.00	0.00	0.00

Quantitation Report (Qedit)

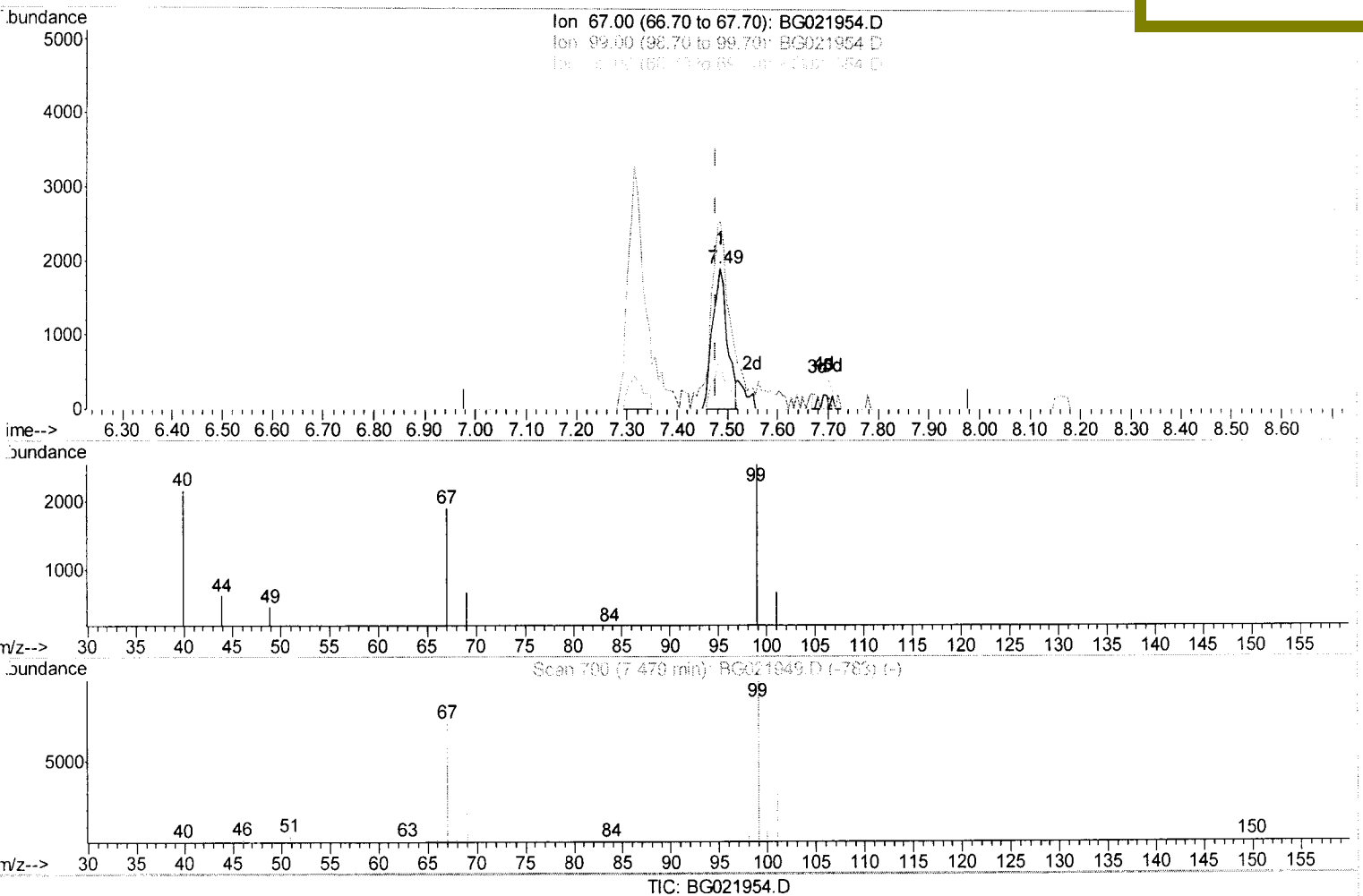
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
 Acq On : 19 May 2016 5:18
 Operator : UM/SJ
 Sample : H3095-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9XF8DL

Manual Integrations
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Quant Time: May 19 06:42:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(4) Bis-(2-Chloroethyl)ether-d8 (S)

7.486min (+0.007) 2.87ng/ul

response 3839

Ion	Exp%	Act%
67.00	100	100
99.00	104.60	133.94#
69.00	33.20	34.68
0.00	0.00	0.00

Quantitation Report (Qedit)

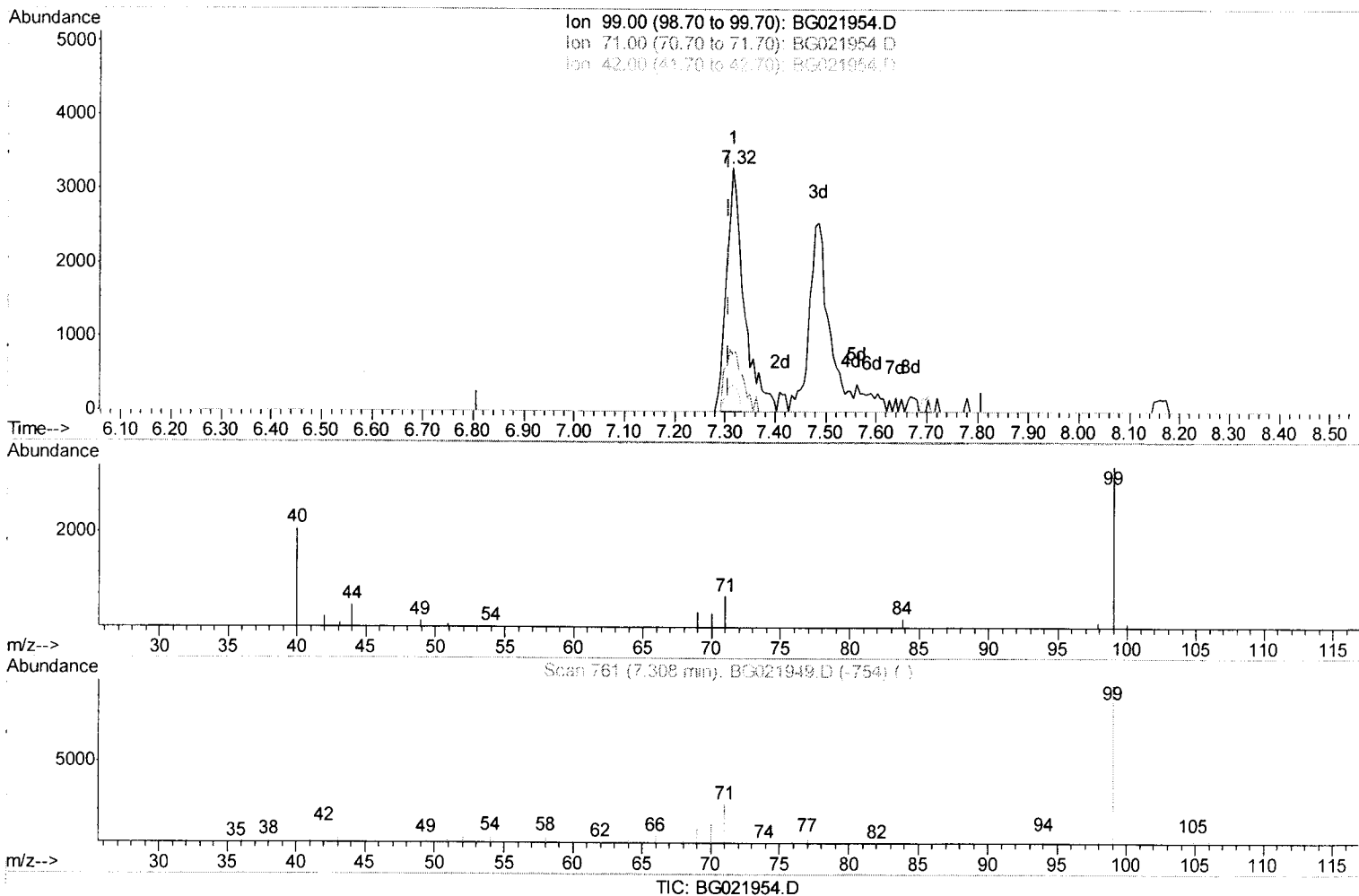
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
 Acq On : 19 May 2016 5:18
 Operator : UM/SJ
 Sample : H3095-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF8DL

Manual Integrations
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Quant Time: May 19 06:42:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration



(3) Phenol-d5 (S)

7.315min (+0.007) 3.19ng/ul m

response 8017

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Ion	Exp%	Act%
99.00	100	100
71.00	46.50	23.42#
42.00	19.40	10.85#
0.00	0.00	0.00

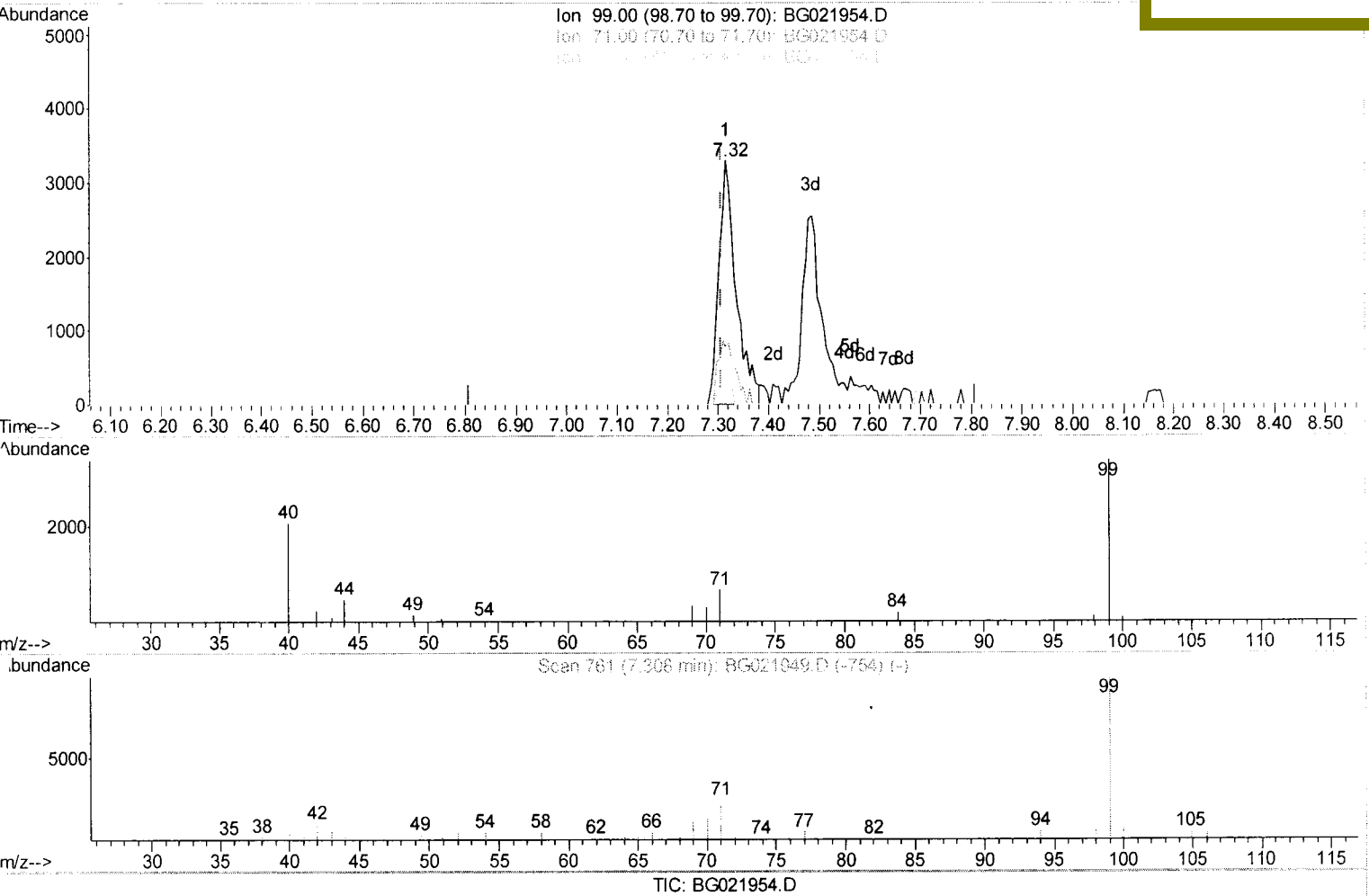
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021954.D
Acq On : 19 May 2016 5:18
Operator : UM/SJ
Sample : H3095-22DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF8DL

Manual Integrations
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Quant Time: May 19 06:42:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration



(3) Phenol-d5 (S)

7.315min (+0.007) 3.10ng/ul

response 7792

Ion	Exp%	Act%
99.00	100	100
71.00	46.50	23.42#
42.00	19.40	10.85#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021954.D
 Acq On : 19 May 2016 5:18
 Operator : UM/SJ
 Sample : H3095-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF8DL

Quant Time: May 19 06:47:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:59:04 2016
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	28426	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	154520	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	94478	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	192807	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	170756	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	155293	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	136	0.22	ng/uL	0.00
3) Phenol-d5	7.32	99	8017m	3.19	ng/ul	0.00
4) Bis-(2-Chloroethyl) ether-d	7.49	67	4371m	3.27	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	7993	3.88	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	5547m	2.48	ng/ul	0.00
8) Nitrobenzene-d5	9.34	128	3658m	3.37	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	4050m	3.50	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	7272m	3.56	ng/ul	0.00
12) 4-Chloroaniline-d4	11.13	131	2800m	1.74	ng/ul	0.01
16) Dimethylphthalate-d6	14.18	166	29529	4.05	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	39848	4.25	ng/ul	0.00
20) 4-Nitrophenol-d4	15.07	143	187	0.15	ng/ul	0.08
21) Fluorene-d10	15.77	176	26725	4.08	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	1523	1.59	ng/ul	0.00
26) Anthracene-d10	17.62	188	41163m	4.63	ng/ul	0.00
30) Pyrene-d10	19.90	212	39360	4.37	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	32324	4.69	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) Naphthalene	11.03	128	19119	2.54	ng/ul#	92
19) Acenaphthene	14.85	153	25418	3.79	ng/ul	99
22) Fluorene	15.83	166	12533	1.69	ng/ul	99
25) Phenanthrene	17.57	178	292123	28.35	ng/ul	96
27) Anthracene	17.66	178	53685	5.18	ng/ul	99
28) Fluoranthene	19.57	202	473258	44.19	ng/ul#	93
31) Pvrene	19.93	202	394234m	33.52	ng/ul	
32) Benzo(a)anthracene	21.79	228	206845	21.84	ng/ul	98
33) Chrvsene	21.86	228	194524	21.11	ng/ul	96
35) Benzo(b)fluoranthene	24.08	252	296300	33.19	ng/ul#	96
36) Benzo(k)fluoranthene	24.14	252	109537m	12.47	ng/ul	
38) Benzo(a)pyrene	24.98	252	196070	22.97	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	160340	16.52	ng/ul#	92
40) Dibenzo(a,h)anthracene	28.98	278	36202m	4.50	ng/ul	
41) Benzo(a,h,i)perylene	30.13	276	132861	16.18	ng/ul#	88

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