

(LSC Reviewed)

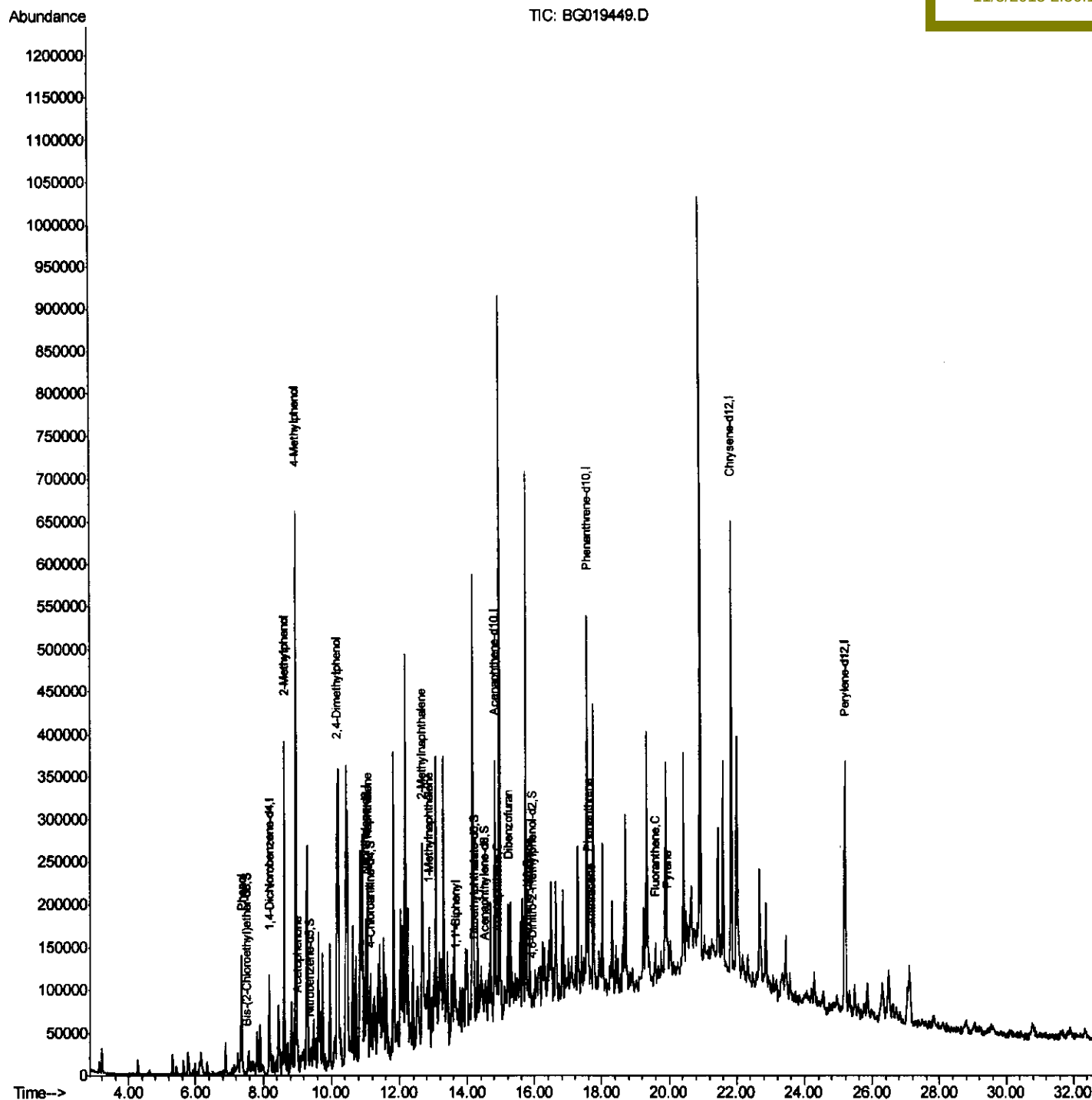
```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG110315\  
Data File  : BG019449.D  
Acq On     : 3 Nov 2015 13:05  
Operator   : UM/NP  
Sample     : G3996-18DL2 30X  
Misc       :  
ALS Vial   : 3      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
E5LK7DL2

Quant Time: Nov 03 13:59:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 03 00:57:47 2015
Response via : Initial Calibration

Manual Integrations

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
 Data File : BG019449.D
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 Operator : UM/NP
 Sample : G3996-18DL2 30X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK7DL2

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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	8.18	152	27490	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	118137m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	92139m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	258327	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	334725	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	324103	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.33	99	2389	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	1693	1.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	1473	0.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	1991	0.99	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	1048m	1.21	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.63	165	1793	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	13130m	5.80	ng/ul	0.01
44) Dimethylphthalate-d6	14.21	166	7727	1.02	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	8543	1.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	1145	0.95	ng/ul	-0.01
58) Fluorene-d10	15.80	176	10236	1.46	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	1783	1.07	ng/ul	0.00
71) Anthracene-d10	17.65	188	11719	1.00	ng/ul	-0.01
79) Pyrene-d10	19.93	212	13267	0.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	14138	0.87	ng/ul	-0.03

Target Compounds

						Qvalue
6) Phenol	7.35	94	77852	28.96	ng/ul	97
11) 2-Methylphenol	8.62	108	112979	56.82	ng/ul	90
14) Acetophenone	9.00	105	28141	8.34	ng/ul	91
16) 4-Methylphenol	8.96	108	239168	110.16	ng/ul	97
24) 2,4-Dimethylphenol	10.17	107	235292m	76.95	ng/ul	
28) Naphthalene	11.06	128	140078m	23.70	ng/ul	
34) 2-Methylnaphthalene	12.65	142	76750m	16.16	ng/ul	
35) 1-Methylnaphthalene	12.88	142	45275	10.07	ng/ul	99
41) 1,1'-Biphenyl	13.65	154	24023	3.69	ng/ul#	94
50) Acenaphthene	14.87	153	8521	1.46	ng/ul	89
54) Dibenzofuran	15.21	168	39477	4.61	ng/ul	98
59) Fluorene	15.86	166	29298	3.92	ng/ul#	96
70) Phenanthrene	17.59	178	61804	4.74	ng/ul#	94
72) Anthracene	17.68	178	13858	1.04	ng/ul#	84
77) Fluoranthene	19.59	202	19777	1.17	ng/ul#	86
80) Pyrene	19.96	202	21179	1.13	ng/ul#	94

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

Quantitation Report (Qedit)

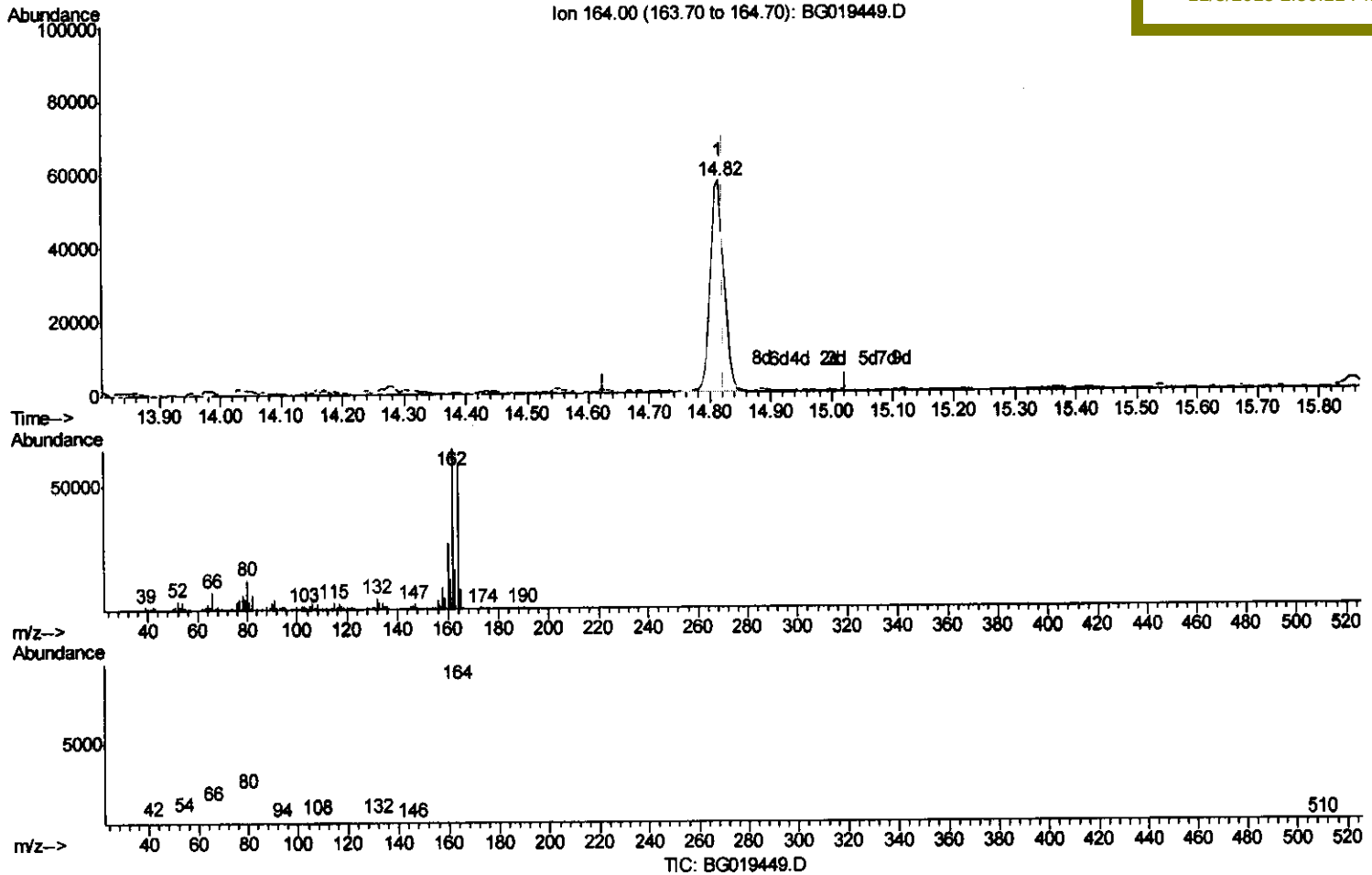
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
 Data File : BG019449.D
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 Operator : UM/NP
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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(36) Acenaphthene-d10 (I)

14.815min (-0.009) 20.00ng/ul m

response 92139

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	112.29
160.00	41.90	46.19
0.00	0.00	0.00

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Quantitation Report (Qedit)

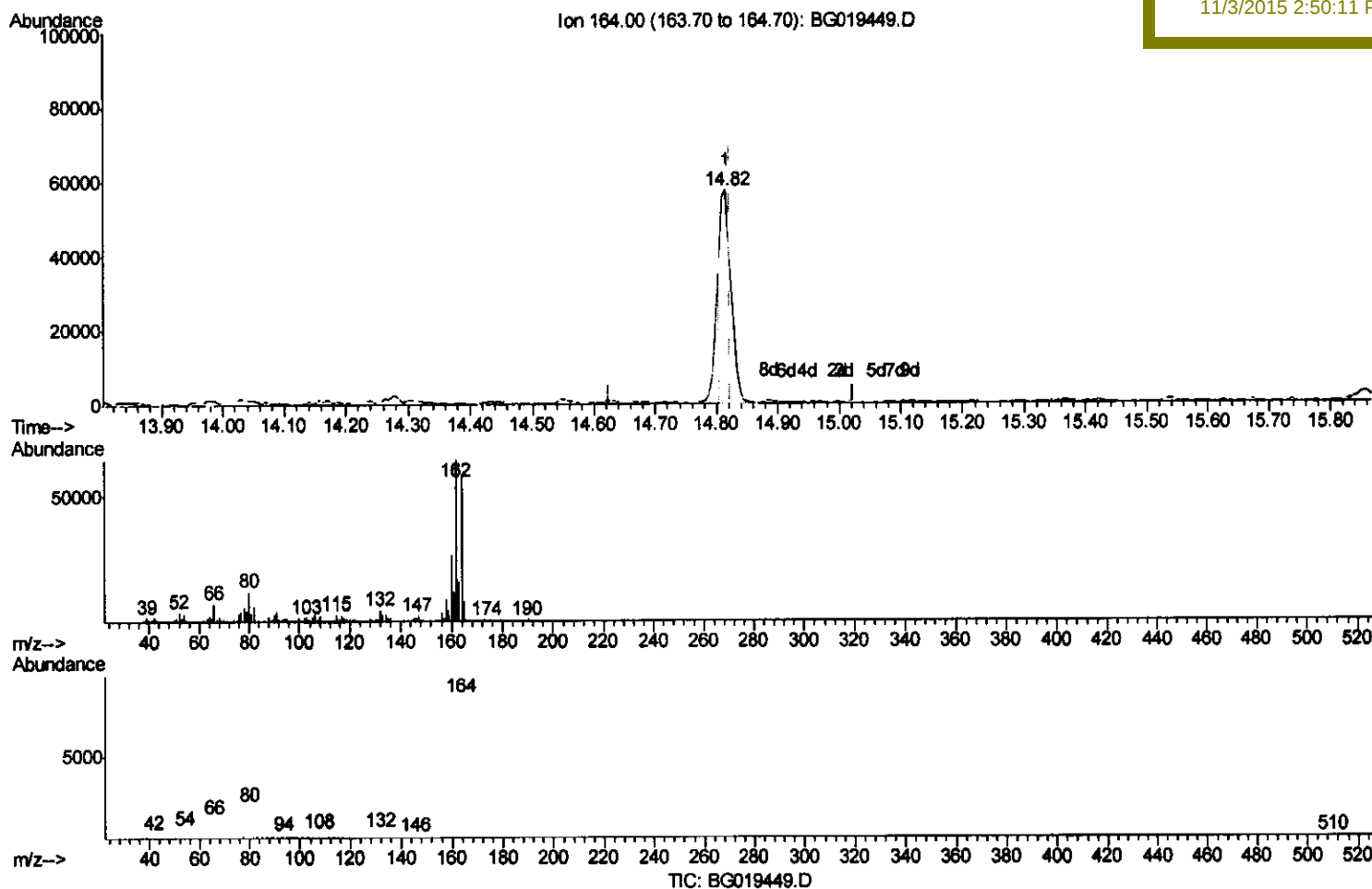
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(36) Acenaphthene-d10 (I)

14.815min (-0.009) 20.00ng/ul

response 68612

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	112.29
160.00	41.90	46.19
0.00	0.00	0.00

Quantitation Report (Qedit)

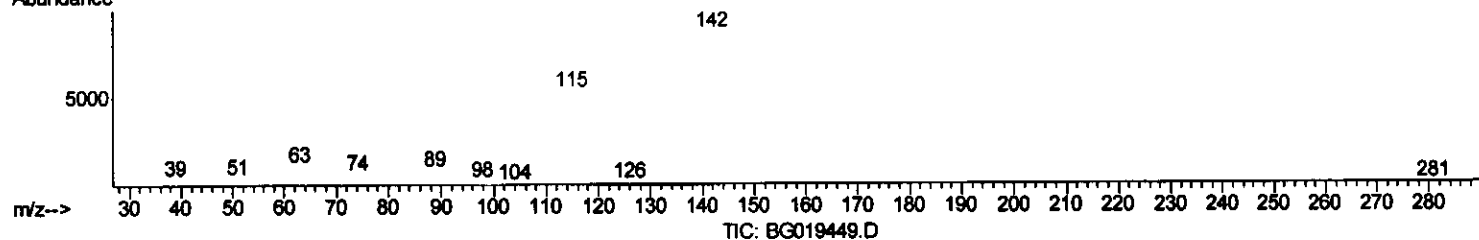
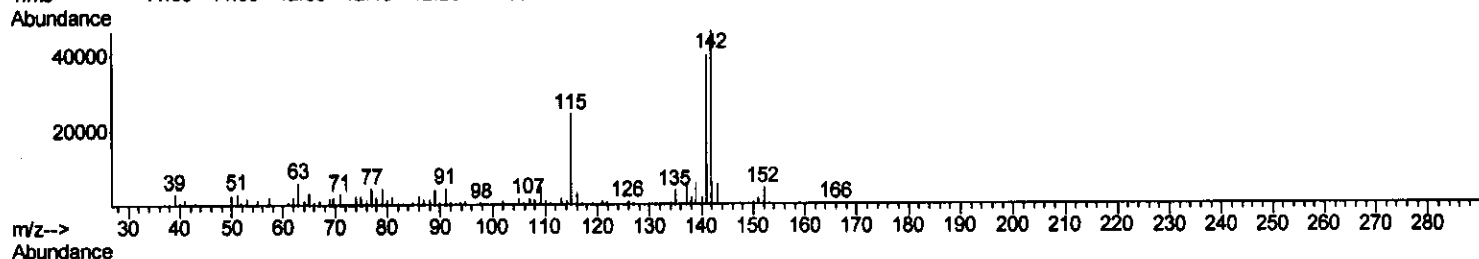
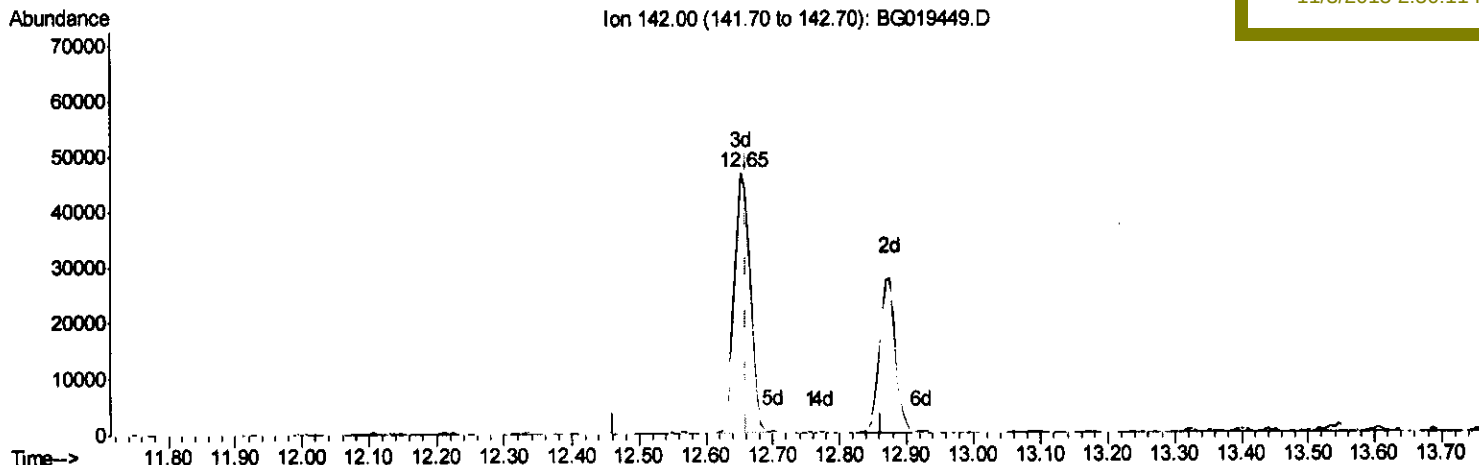
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(34) 2-Methylnaphthalene

12.653min (-0.009) 16.16ng/ul m

response 76750

Ion	Exp%	Act%
142.00	100	100
141.00	91.80	85.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

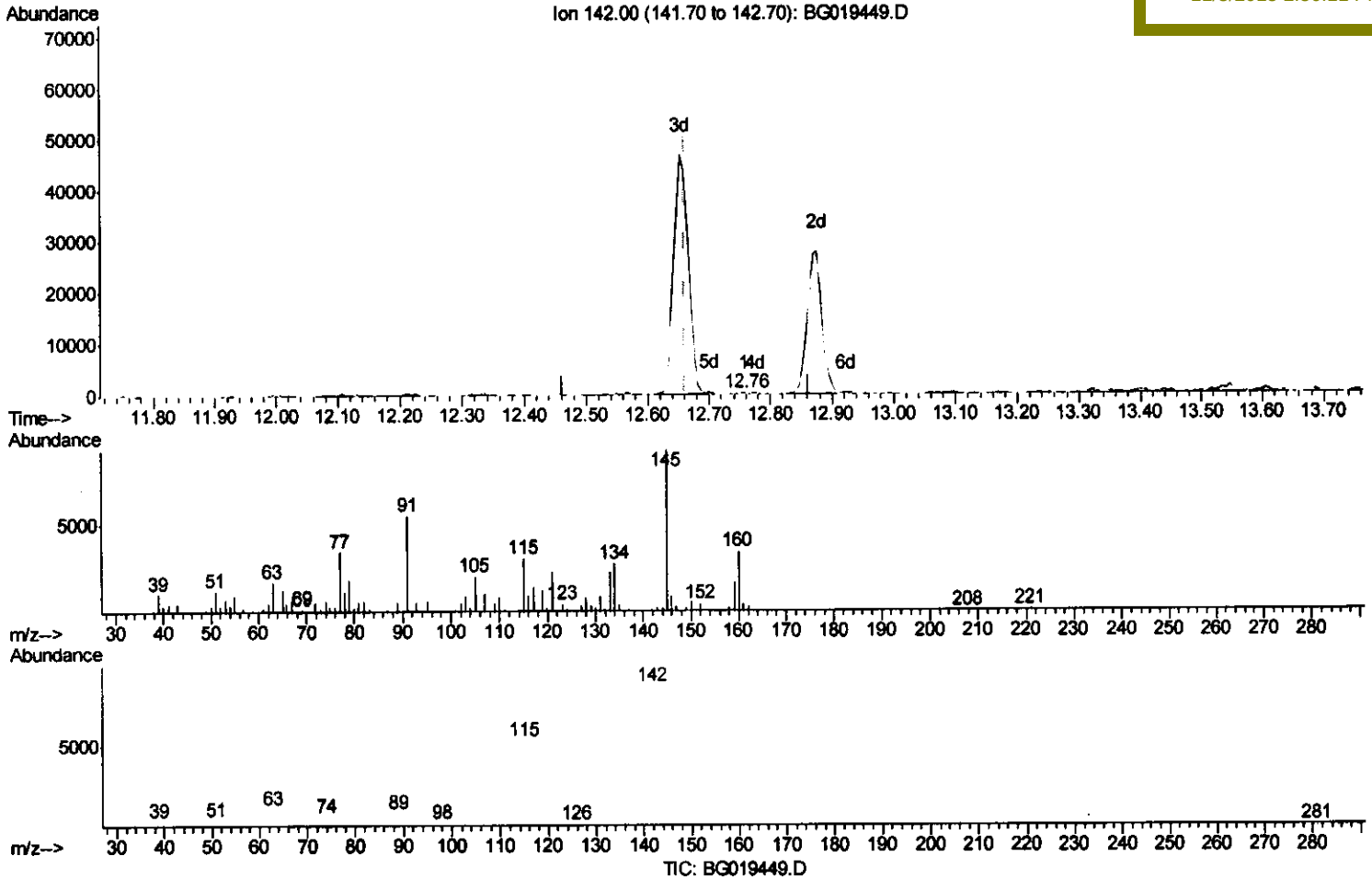
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(34) 2-Methylnaphthalene

12.759min (+0.097) 0.03ng/ul

response 142

Ion	Exp%	Act%
142.00	100	100
141.00	91.80	100.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

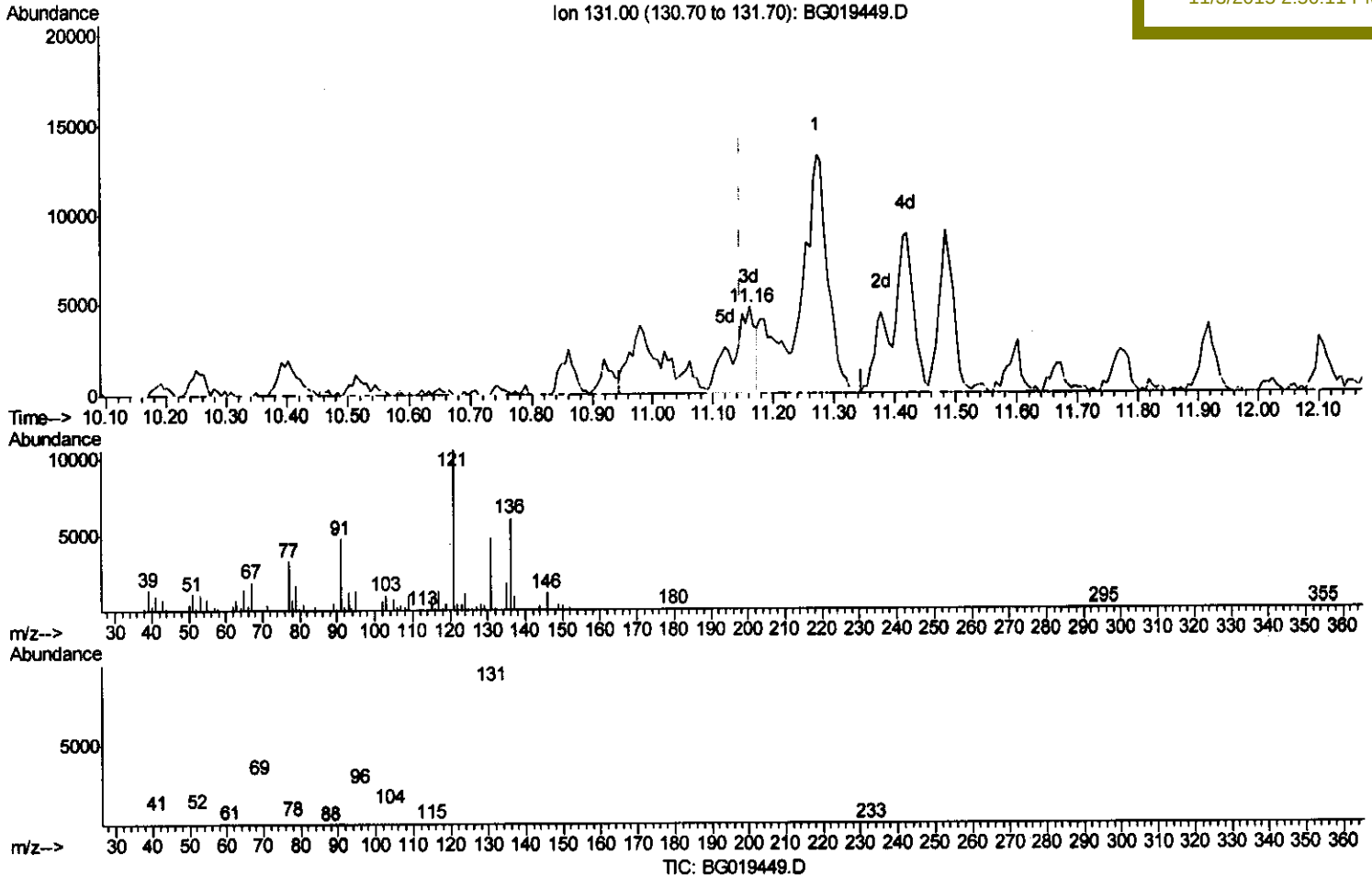
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
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Instrument :
 BNA_G
 ClientSampled :
 E5LK7DL2

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(29) 4-Chloroaniline-d4 (S)

11.161min (+0.015) 5.80ng/ul m

response 13130

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	0.00#
69.00	23.70	4.63#
0.00	0.00	0.00

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Quantitation Report (Qedit)

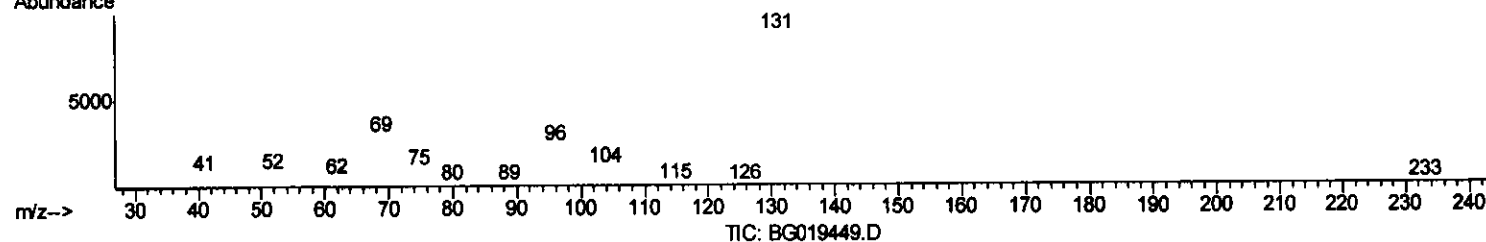
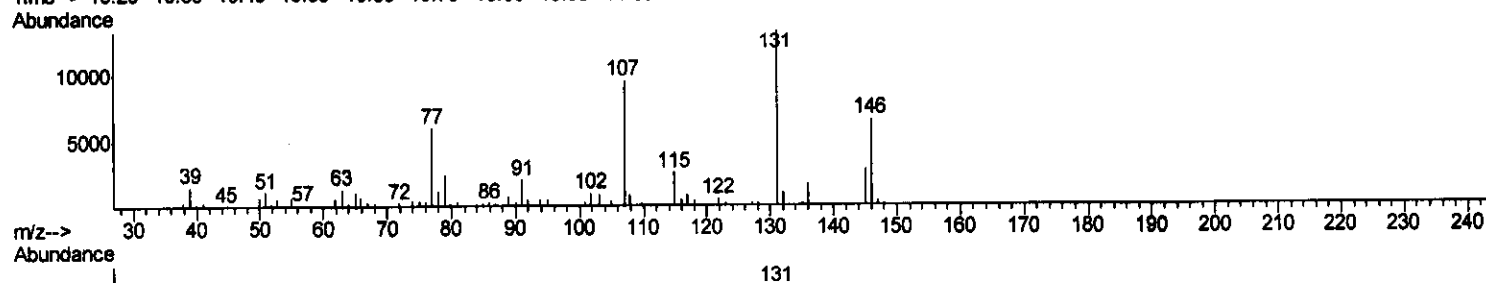
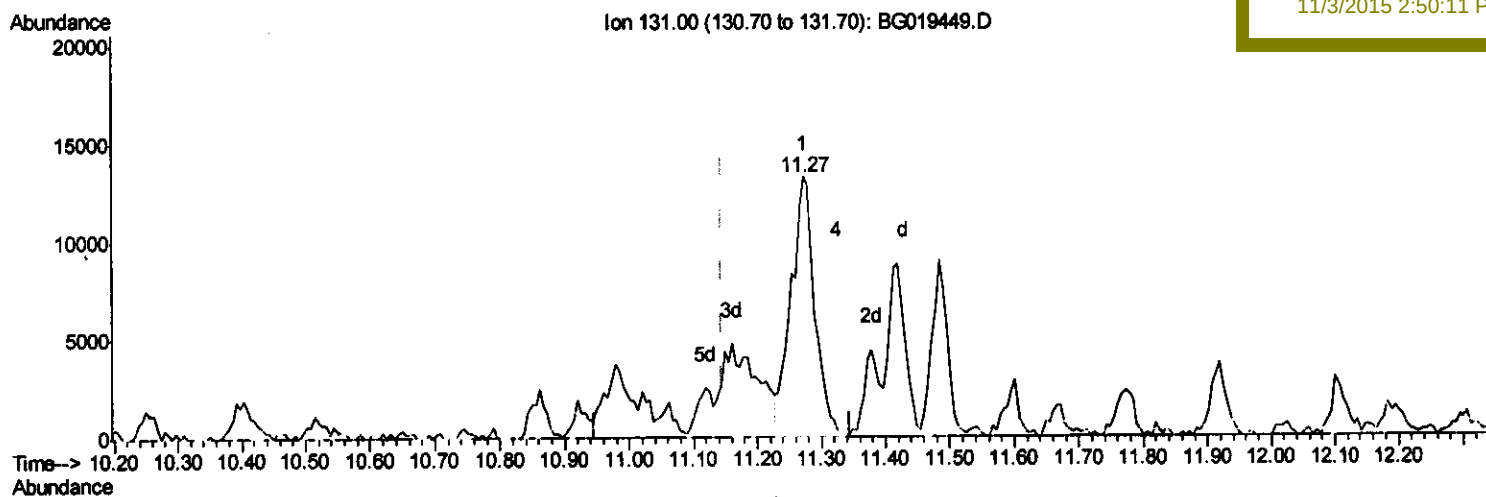
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
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Misc :
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Instrument :
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(29) 4-Chloroaniline-d4 (S)

11.272min (+0.127) 15.31ng/ul

response 34631

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	0.00#
69.00	23.70	1.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

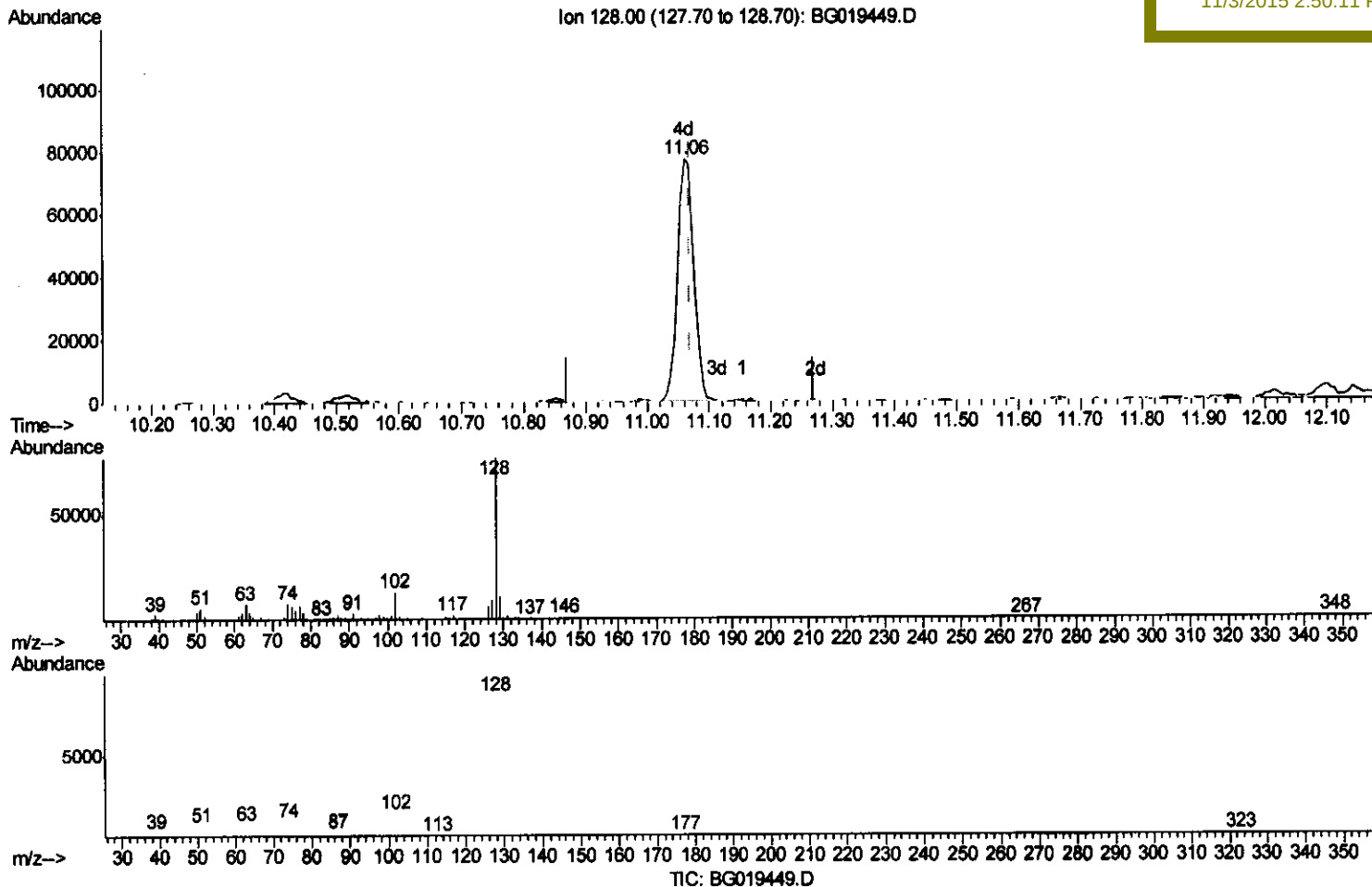
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
 Data File : BG019449.D
 Acq On : 3 Nov 2015 13:05
 Operator : UM/NP
 Sample : G3996-18DL2 30X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7DL2

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(28) Naphthalene

11.061min (-0.009) 23.70ng/ul m

response 140078

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	13.56#
127.00	16.40	11.95#
0.00	0.00	0.00

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Quantitation Report (Qedit)

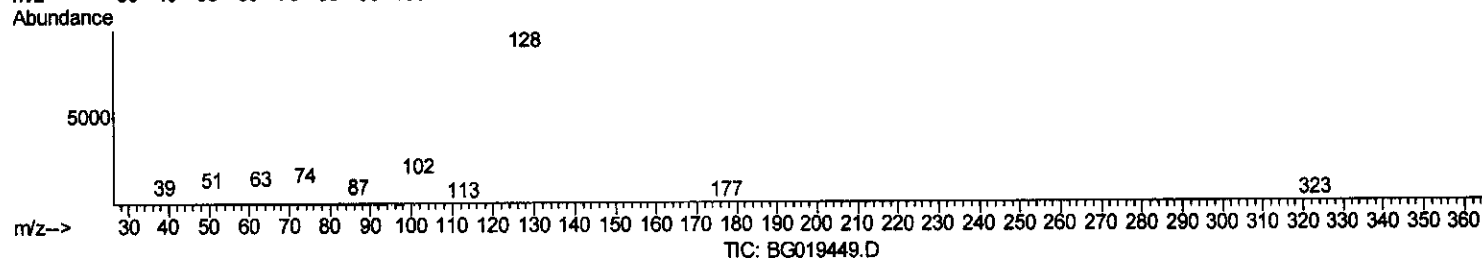
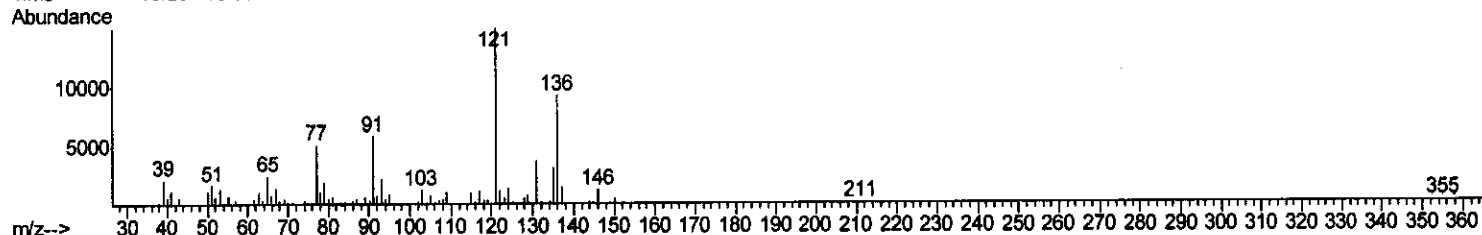
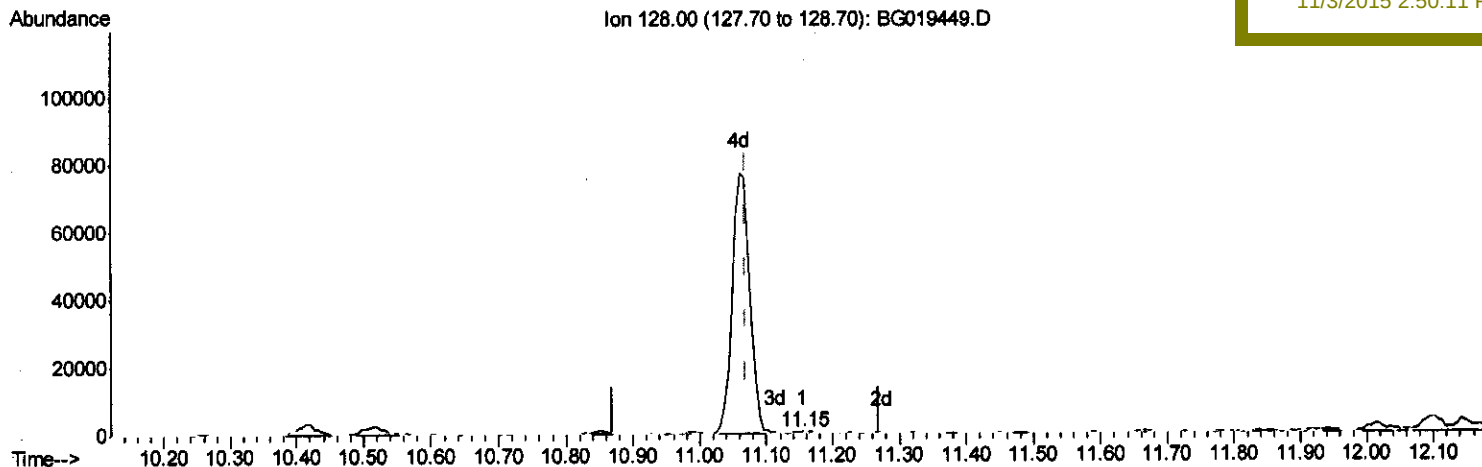
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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(28) Naphthalene

11.155min (+0.085) 0.18ng/ui

response 1071

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	153.45#
127.00	16.40	32.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

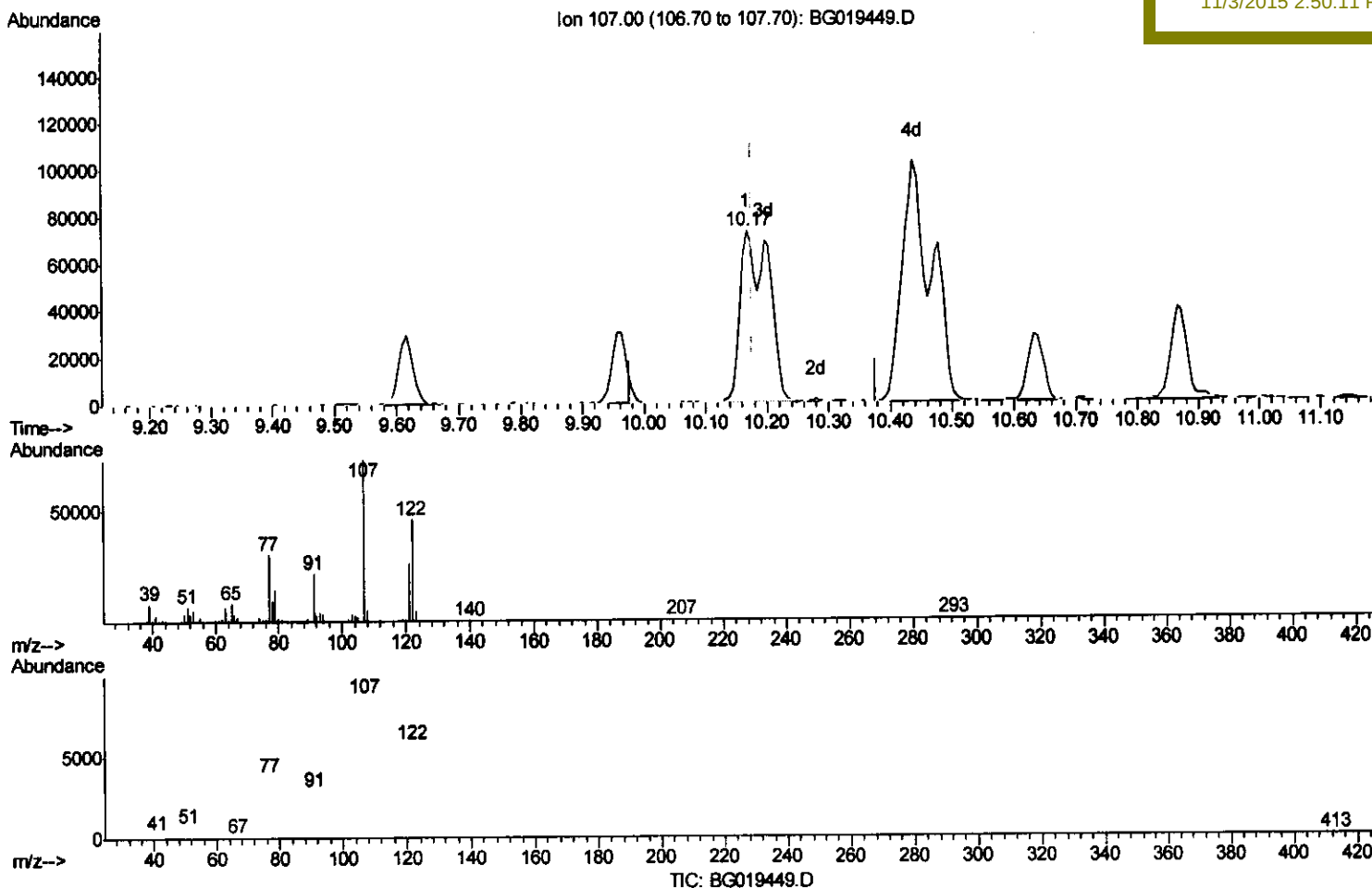
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
 Data File : BG019449.D
 Acq On : 3 Nov 2015 13:05
 Operator : UM/NP
 Sample : G3996-18DL2 30X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(24) 2,4-Dimethylphenol

10.168min (-0.009) 76.95ng/ul m

response 235292

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	35.46
122.00	67.70	63.01
0.00	0.00	0.00

U. m
 11/03/15

Quantitation Report (Qedit)

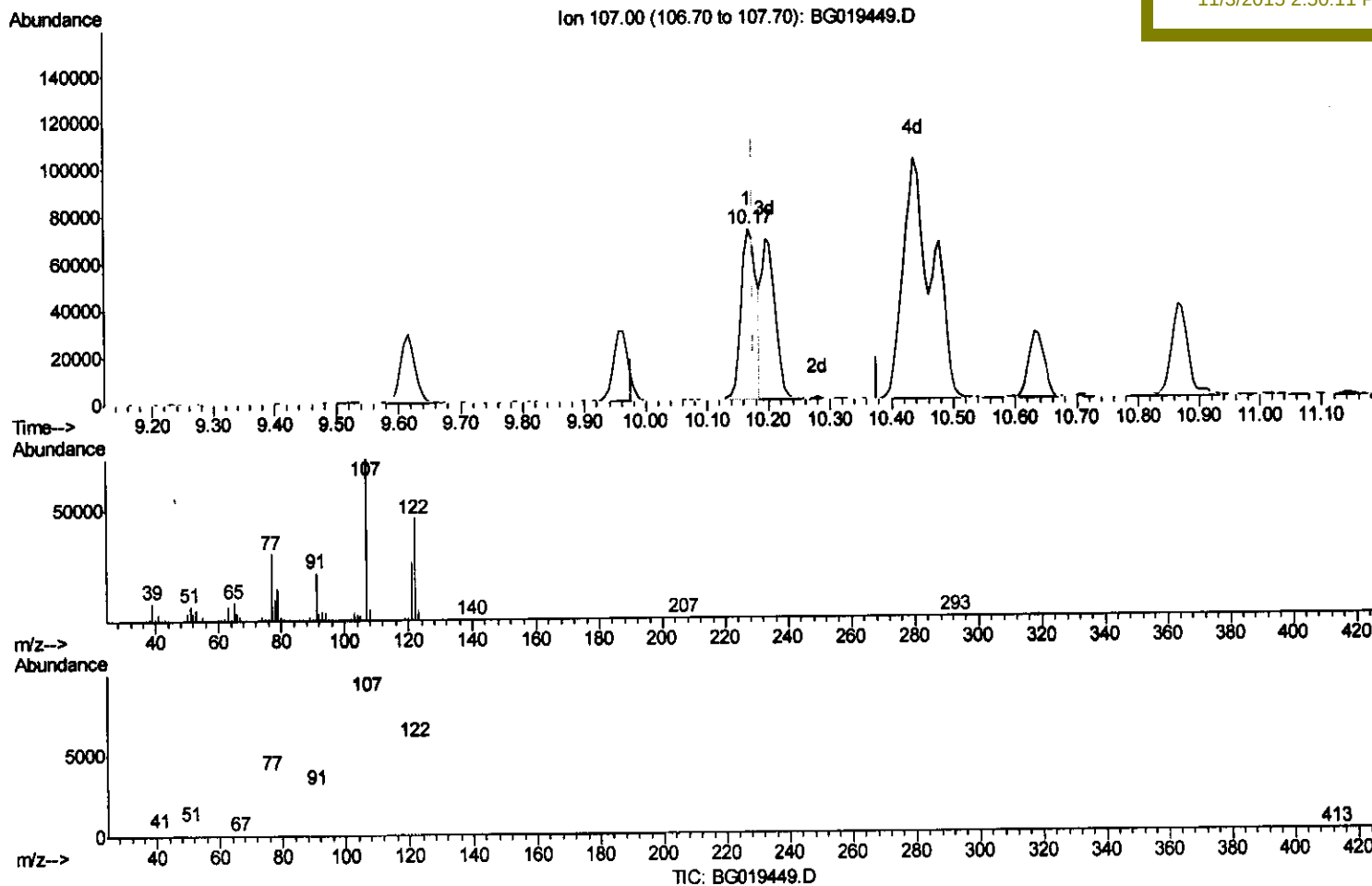
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
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(24) 2,4-Dimethylphenol

10.168min (-0.009) 42.88ng/ul

response 131107

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	35.46
122.00	67.70	63.01
0.00	0.00	0.00

Quantitation Report (Qedit)

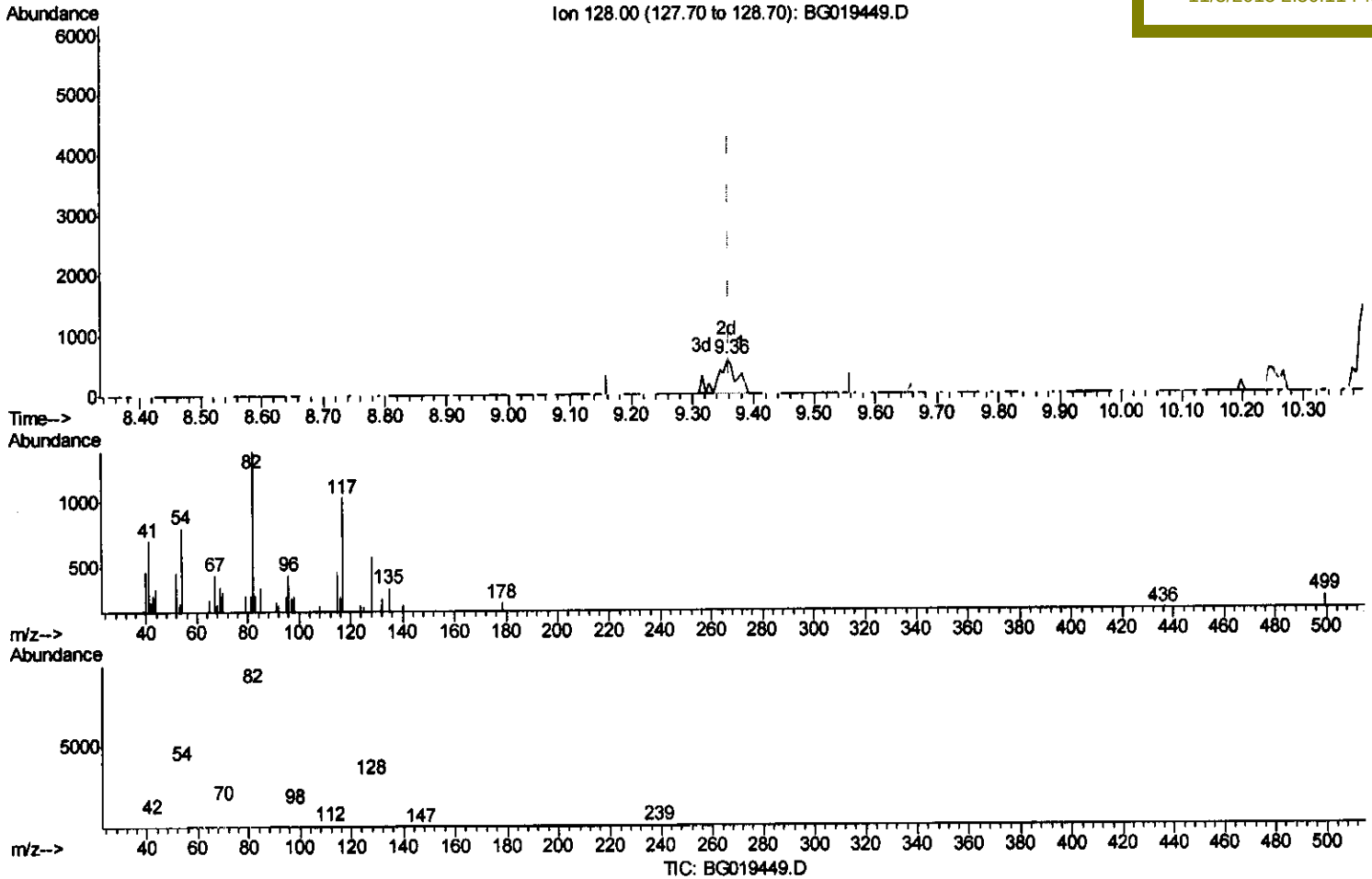
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(19) Nitrobenzene-d5 (S)
 9.357min (-0.003) 1.21ng/ul m
 response 1048

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	239.03#
54.00	138.70	138.00
0.00	0.00	0.00

Handwritten: 11/03/15

Quantitation Report (Qedit)

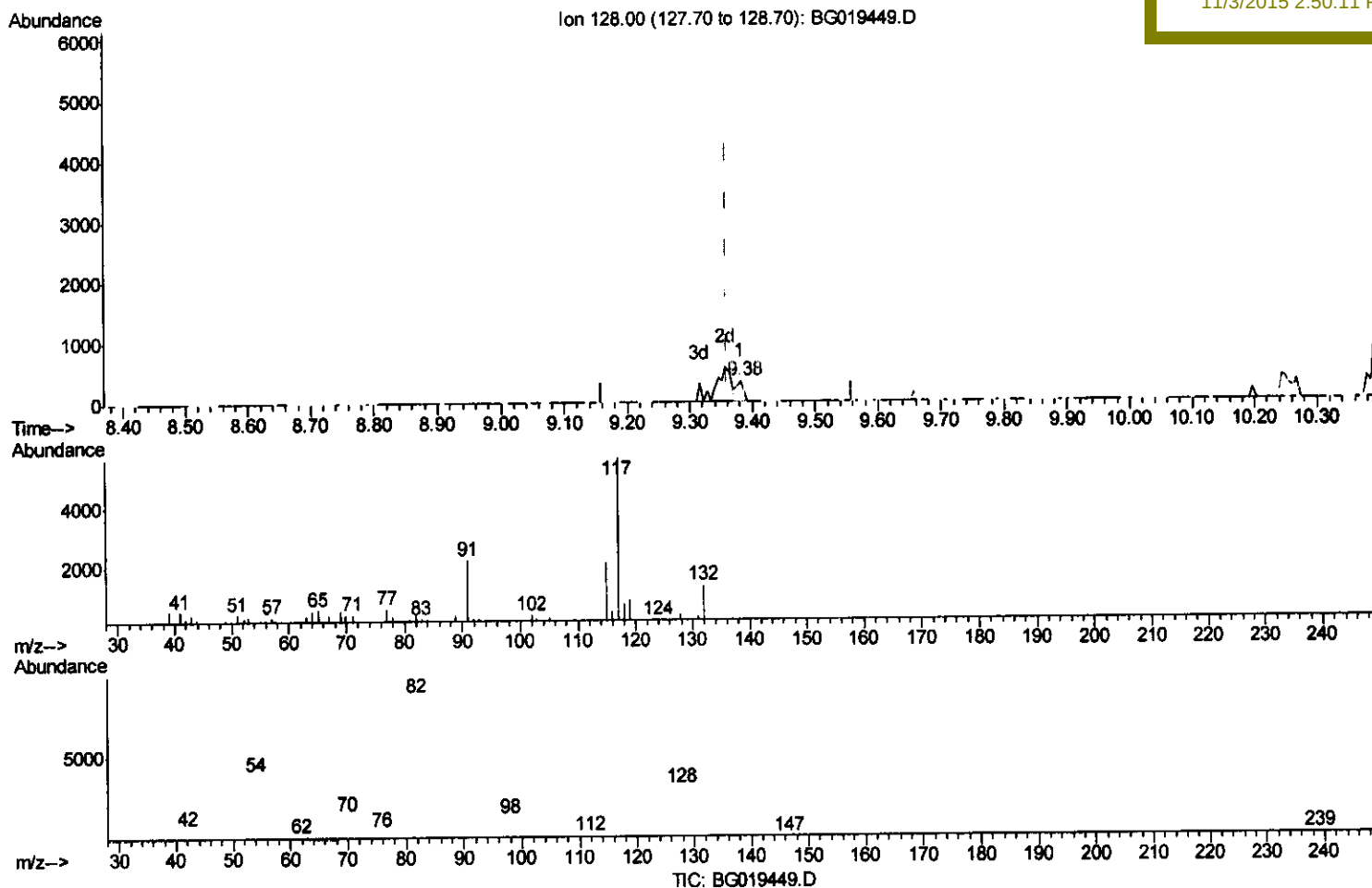
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(19) Nitrobenzene-d5 (S)

9.380min (+0.021) 0.31ng/ul

response 272

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	127.75#
54.00	138.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

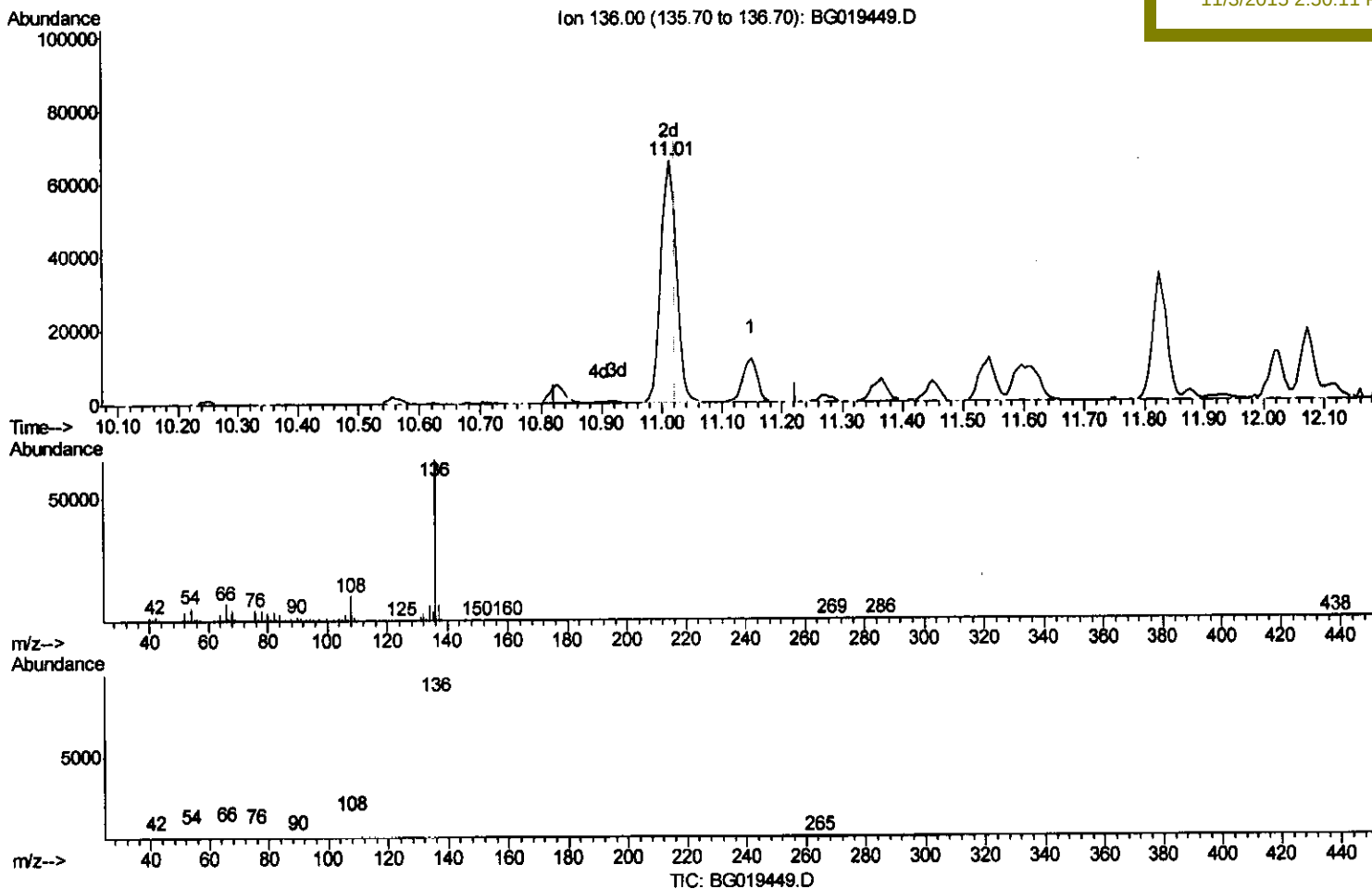
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 ClientSampled :
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(18) Naphthalene-d8 (I)

11.014min (-0.009) 20.00ng/ul m

response 118137

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	7.05#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

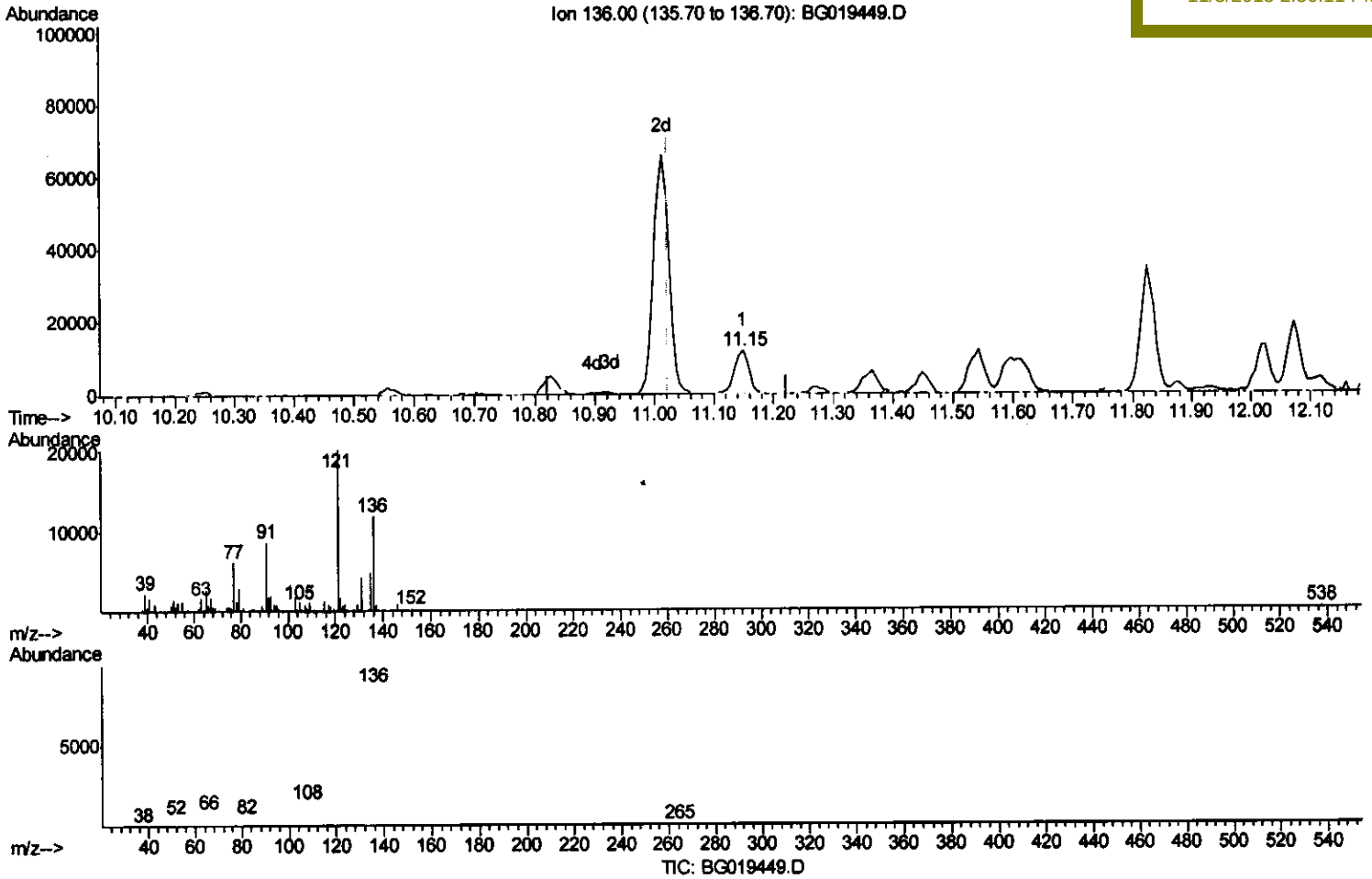
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(18) Naphthalene-d8 (I)

11.149min (+0.127) 20.00ng/ul

response 20202

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	5.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

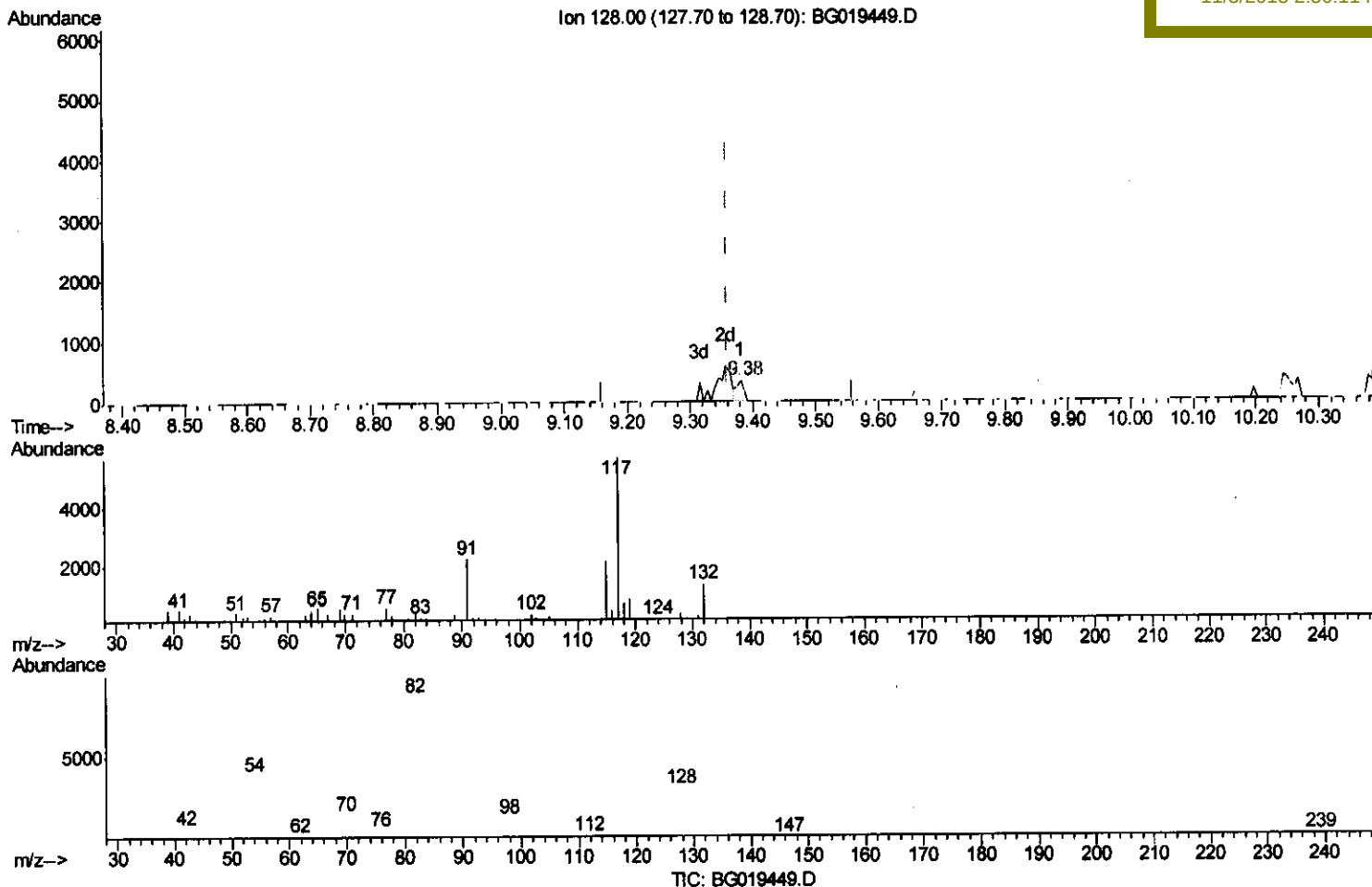
Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
 Data File : BG019449.D
 Acq On : 3 Nov 2015 13:05
 Operator : UM/NP
 Sample : G3996-18DL2 30X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK7DL2

Quant Time: Nov 03 13:45:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/3/2015 2:50:11 PM



(19) Nitrobenzene-d5 (S)

9.380min (+0.021) 1.83ng/ul

response 272

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	127.75#
54.00	138.70	0.00#
0.00	0.00	0.00