

Quantitation Report (QT Reviewed)

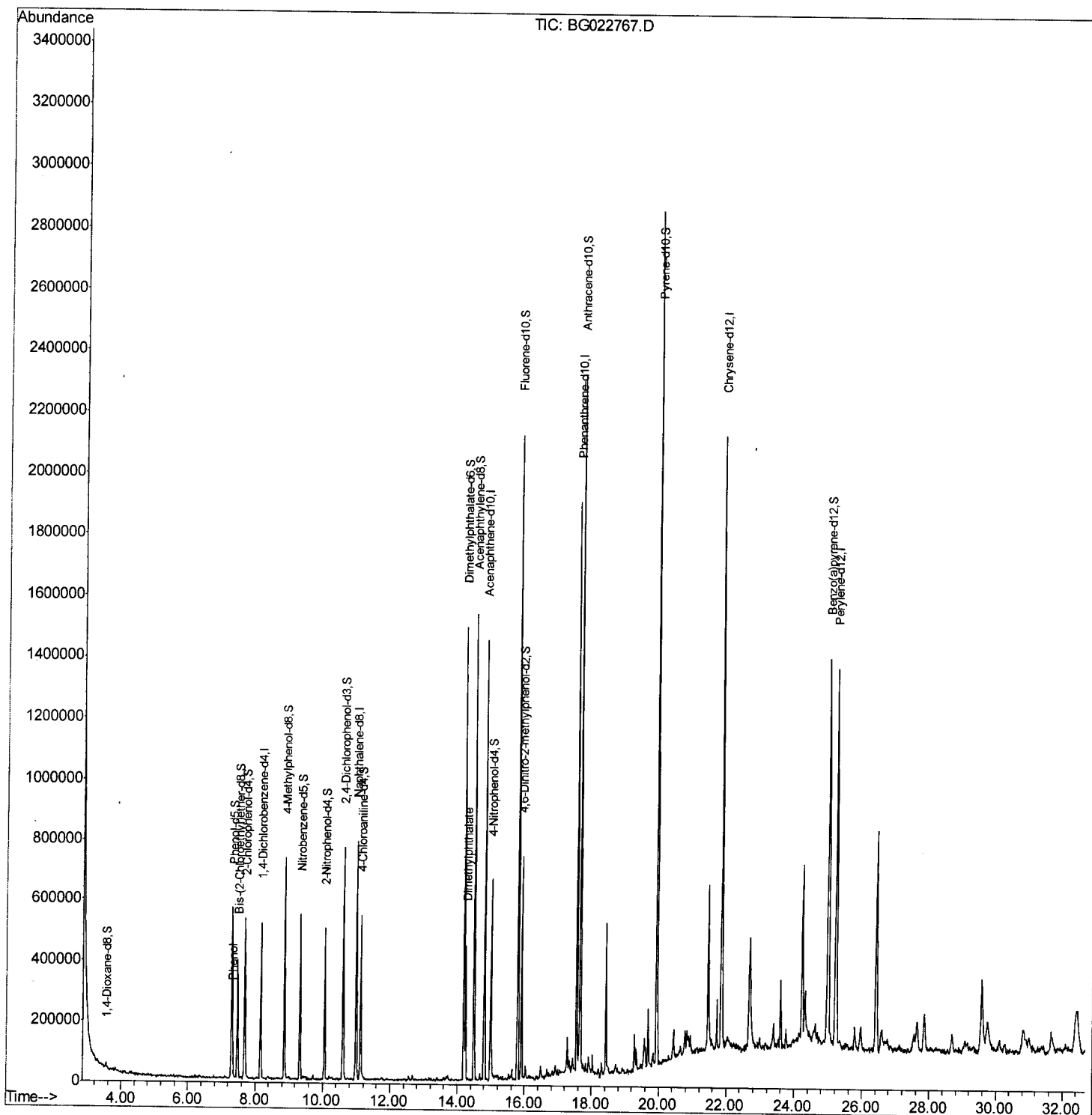
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022767.D
 Acq On : 1 Jul 2016 21:05
 Operator : UM/SJ
 Sample : H3811-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 A4TW1

Manual Integration

Quant Time: Jul 02 01:21:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

sohil
 7/4/2016 1:31:00 PM



Quantitation Report (Qedit)

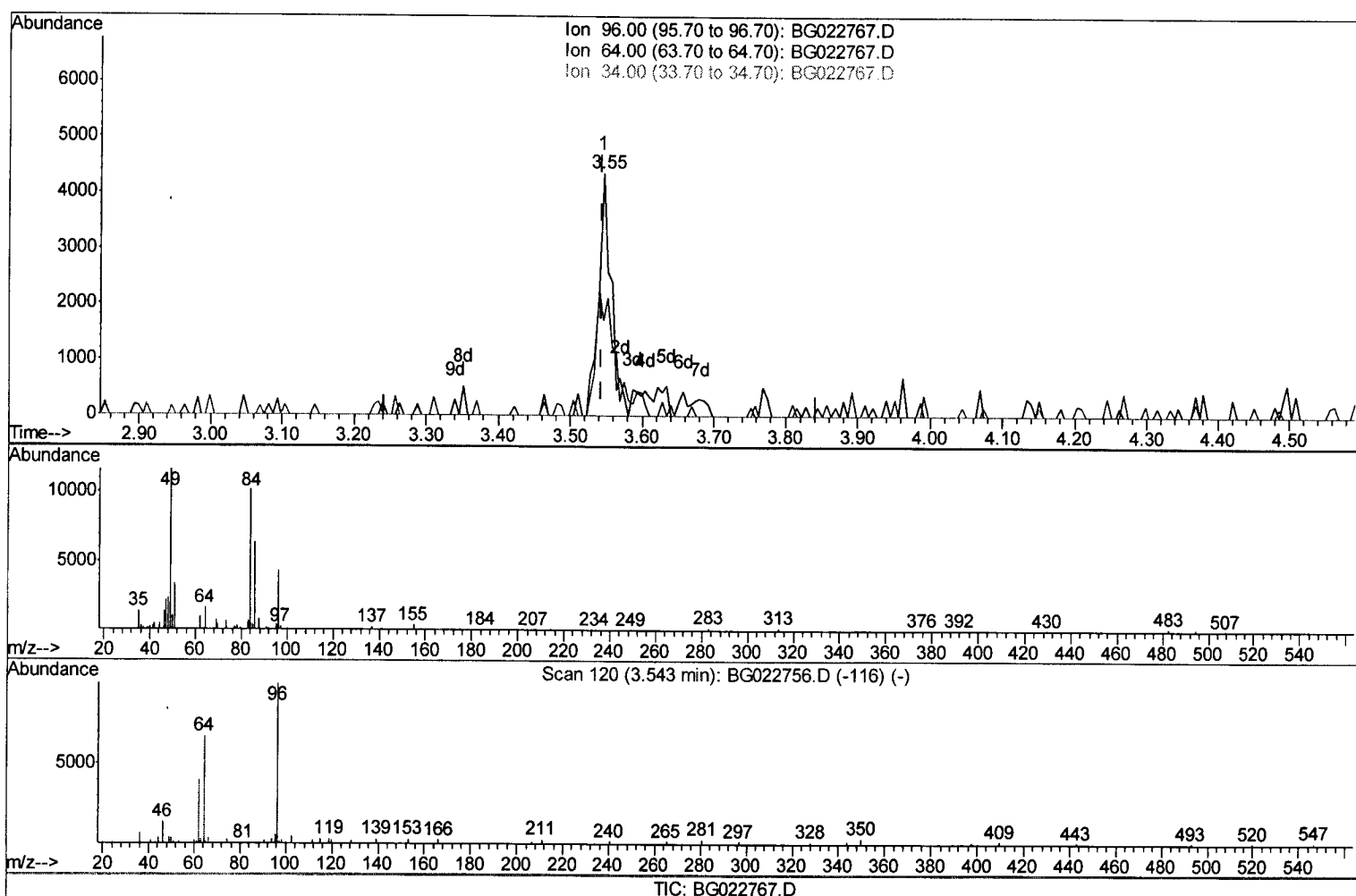
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022767.D
 Acq On : 1 Jul 2016 21:05
 Operator : UM/SJ
 Sample : H3811-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW1

Manual Integration

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Quant Time: Jul 02 00:09:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration



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

3.546min (+0.003) 1.98ng/uL m

response 5217

UM
 07/09/16

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	39.07#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

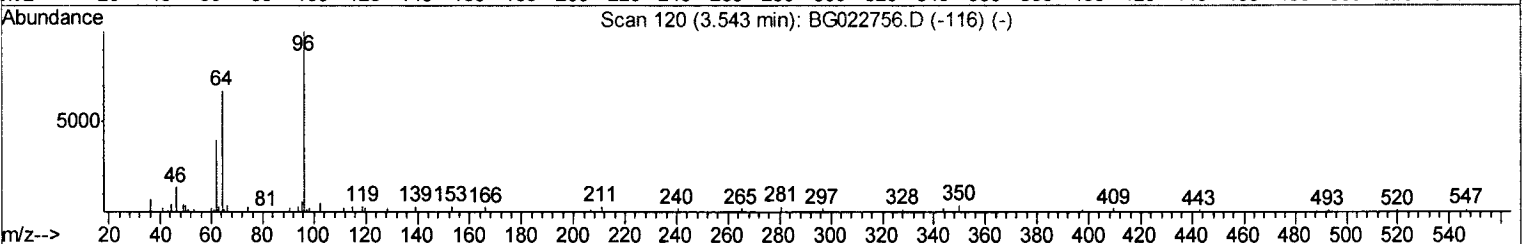
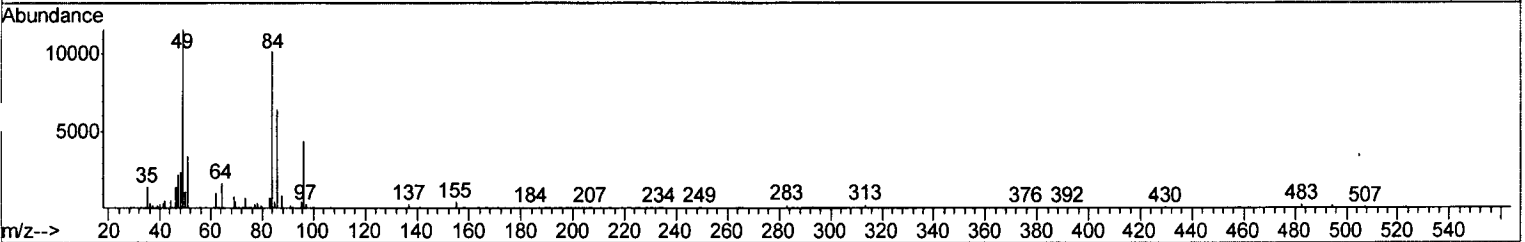
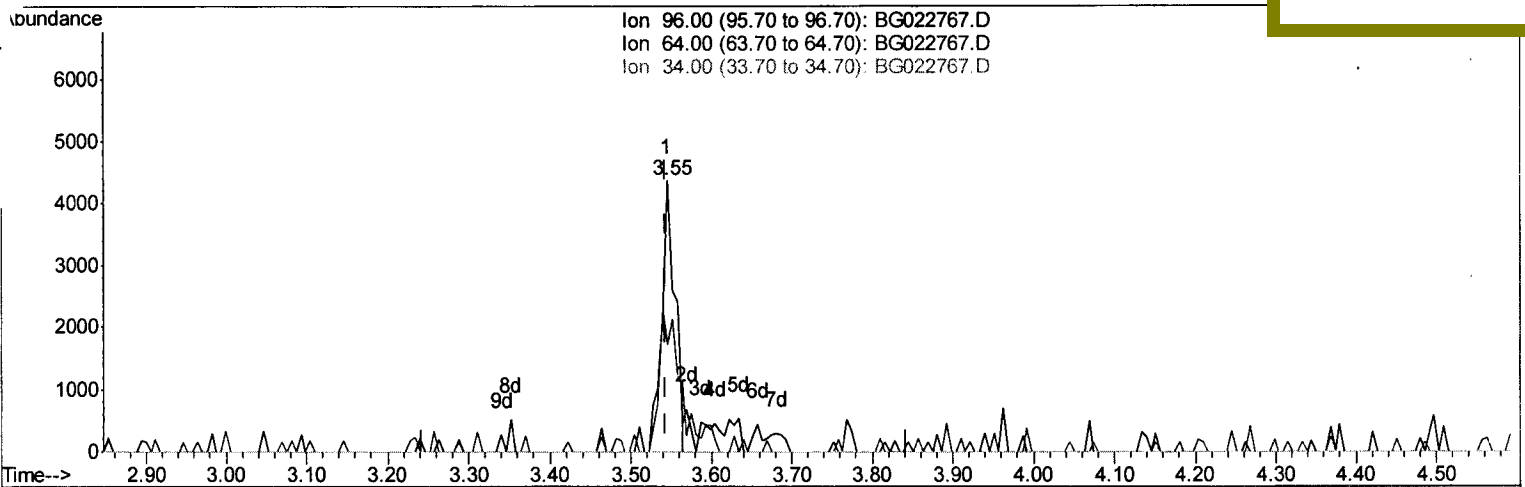
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 Operator : UM/SJ
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Instrument :
 BNA_G
 ClientSampleId :
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Manual Integration

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TIC: BG022767.D

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

3.546min (+0.003) 1.84ng/uL

response 4849

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	39.07#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

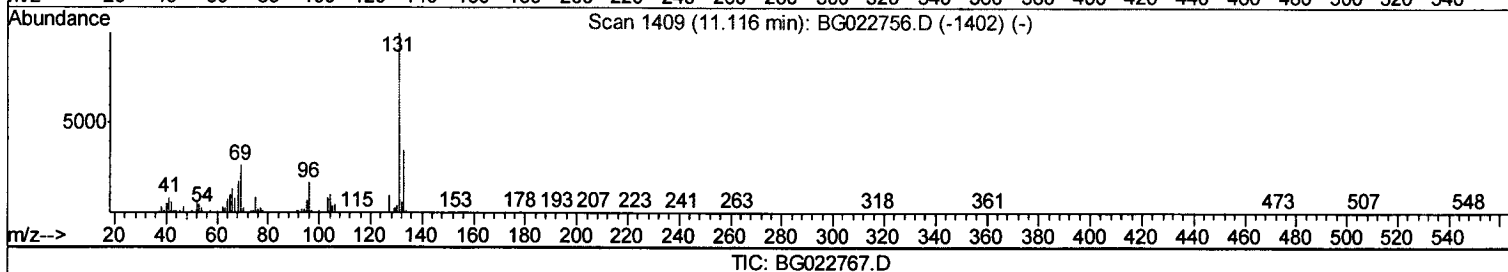
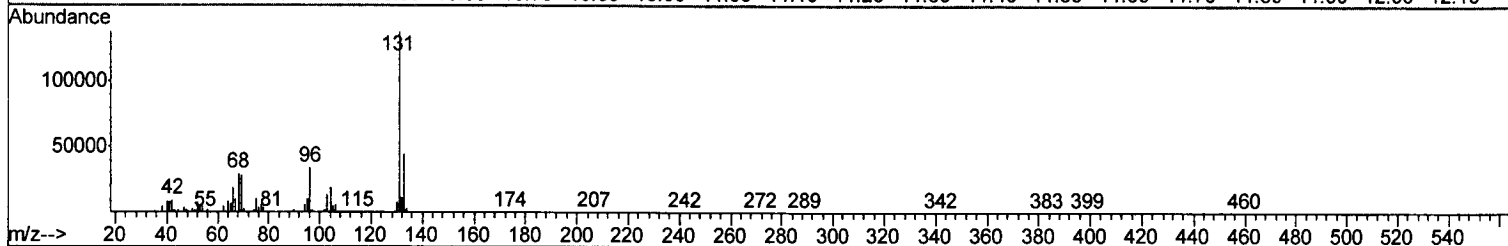
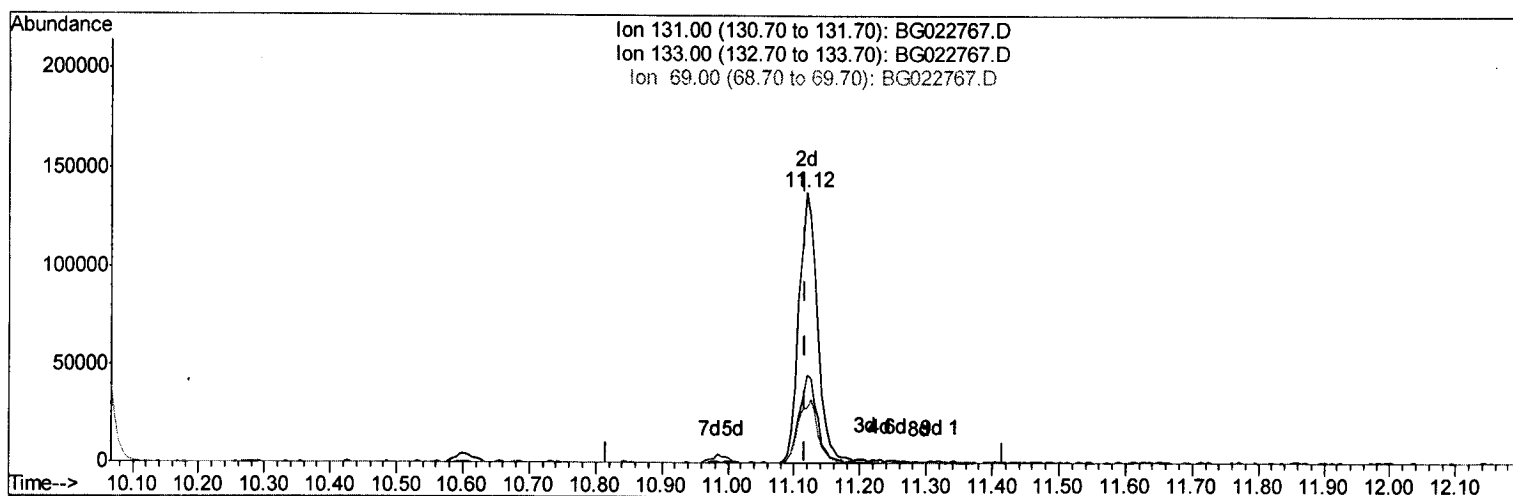
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
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 Operator : UM/SJ
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TIC: BG022767.D

(29) 4-Chloroaniline-d4 (S)

11.119min (+0.003) 25.46ng/ul m

response 270209

U.M
07/09/16

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	32.61
69.00	15.40	20.35#
0.00	0.00	0.00

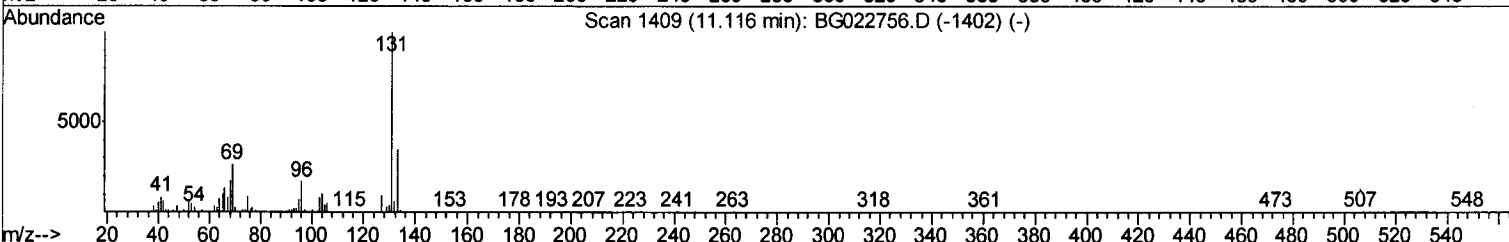
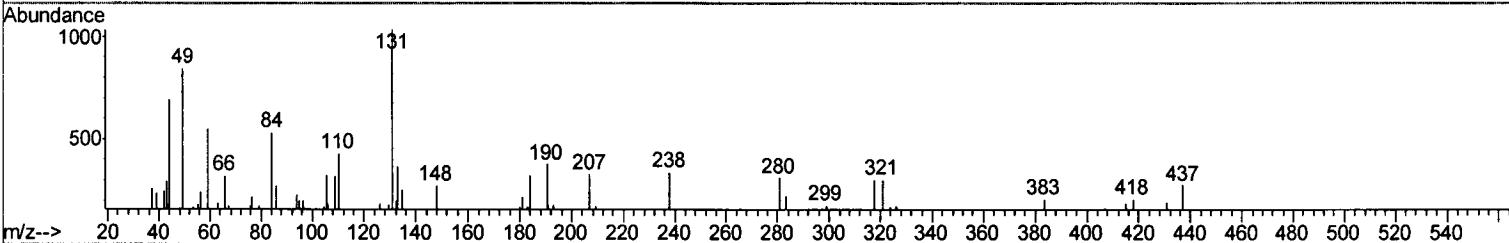
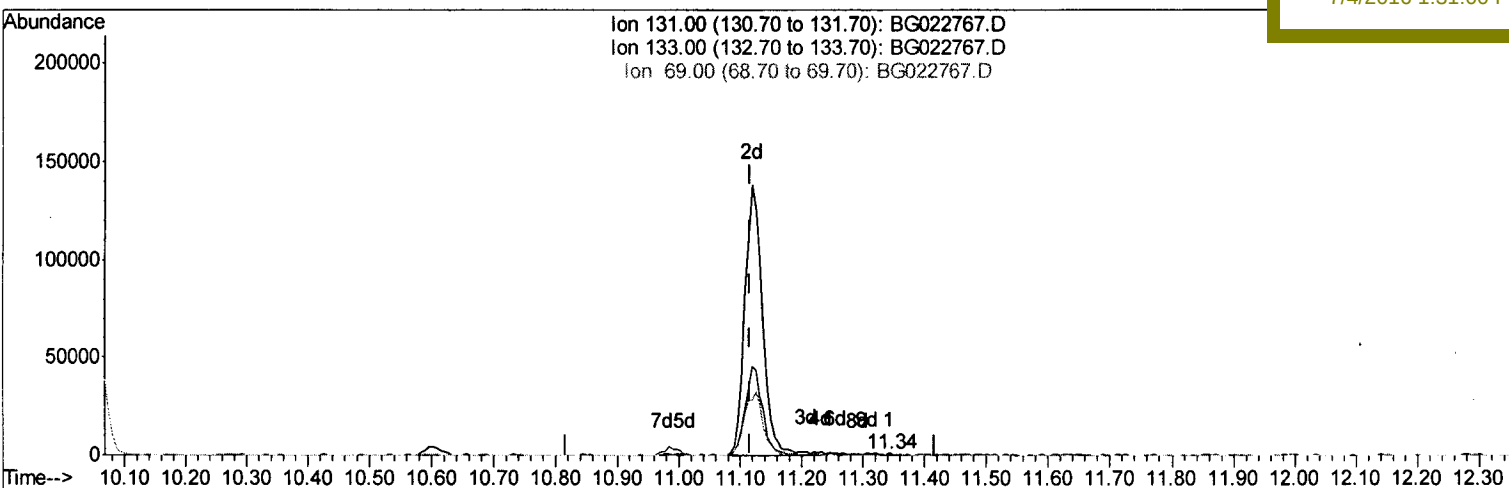
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Sample : H3811-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integration

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TIC: BG022767.D

(29) 4-Chloroaniline-d4 (S)

11.342min (+0.226) 0.07ng/ul

response 713

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	35.65
69.00	15.40	15.07
0.00	0.00	0.00

Quantitation Report (Qedit)

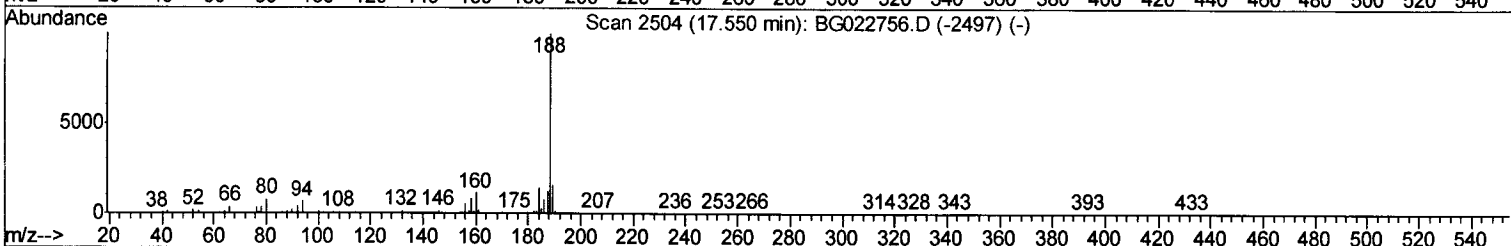
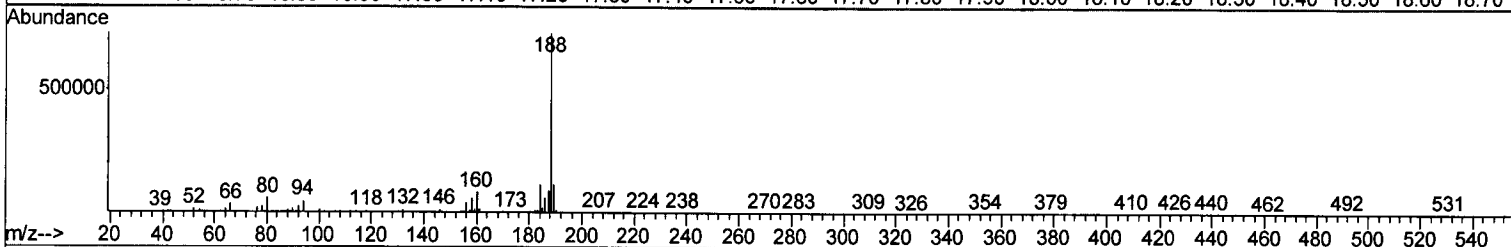
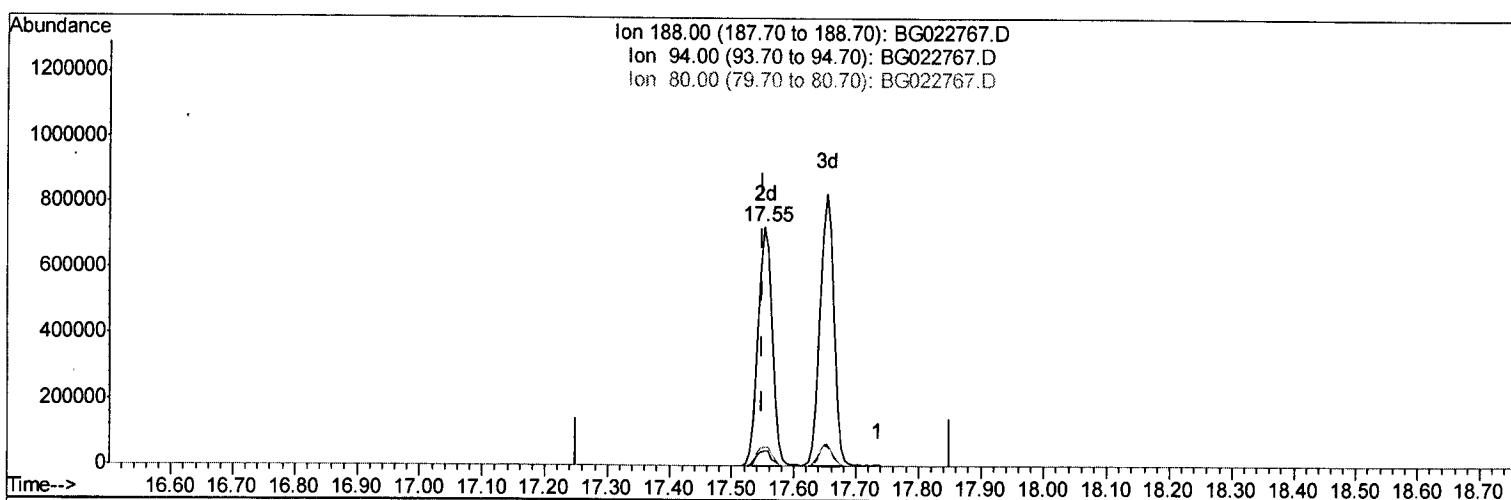
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_G
ClientSampleId :
A4TW1

Manual Integration

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TIC: BG022767.D

(61) Phenanthrene-d10 (I)

17.553min (+0.003) 20.00ng/ul m *U.M*
07/09/16

response 1153581

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	6.37#
80.00	10.90	7.94#
0.00	0.00	0.00

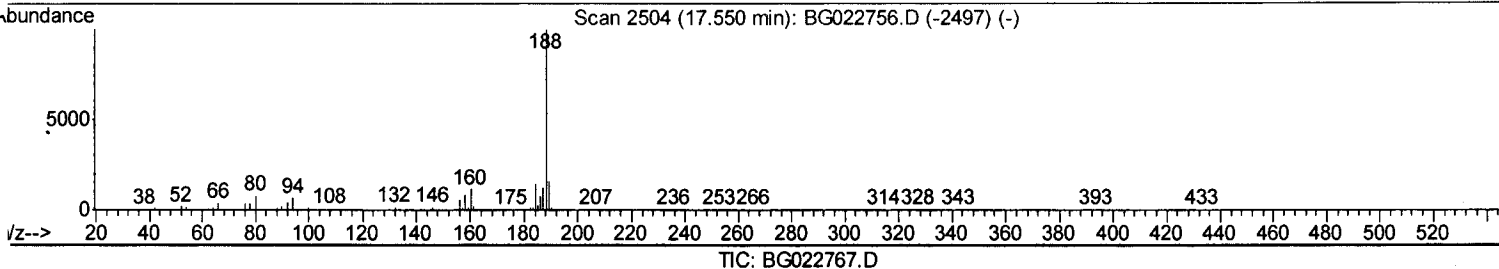
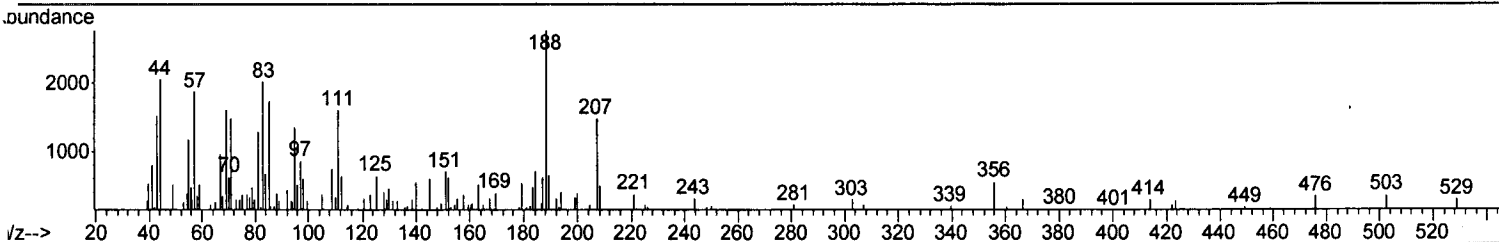
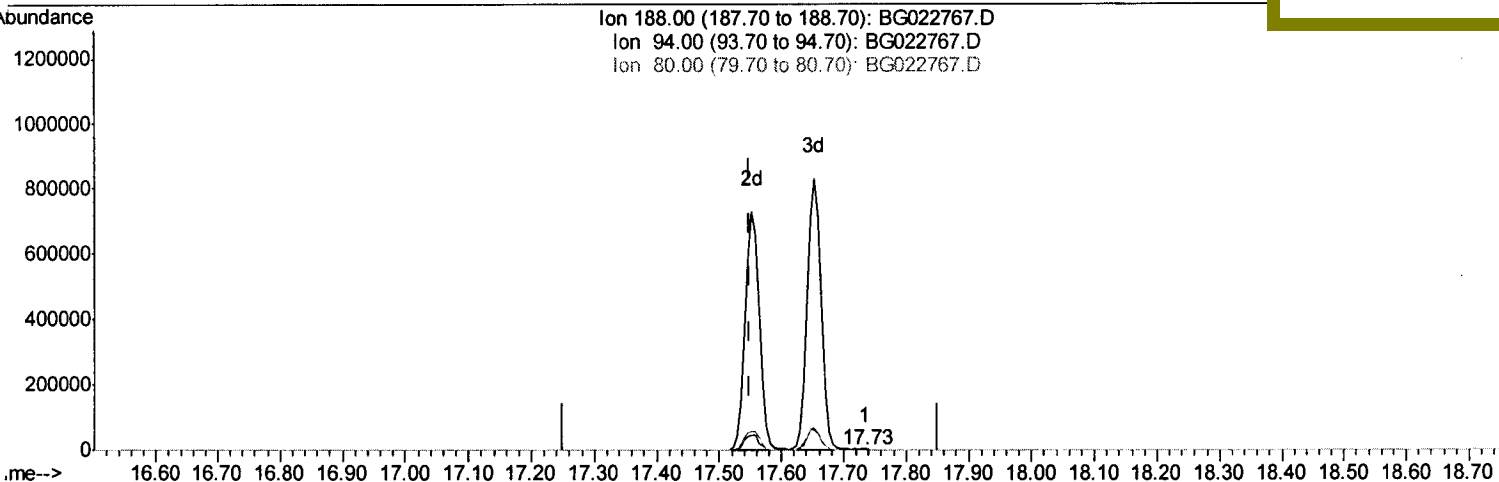
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Operator : UM/SJ
Sample : H3811-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW1

Manual Integrati

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(61) Phenanthrene-d10 (I)

17.735min (+0.185) 20.00ng/ui

response 1617

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.34
80.00	10.90	10.31
0.00	0.00	0.00

Quantitation Report (Qedit)

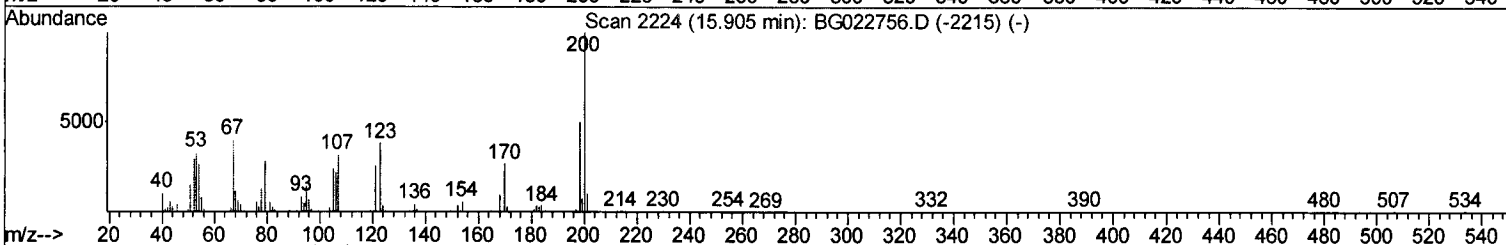
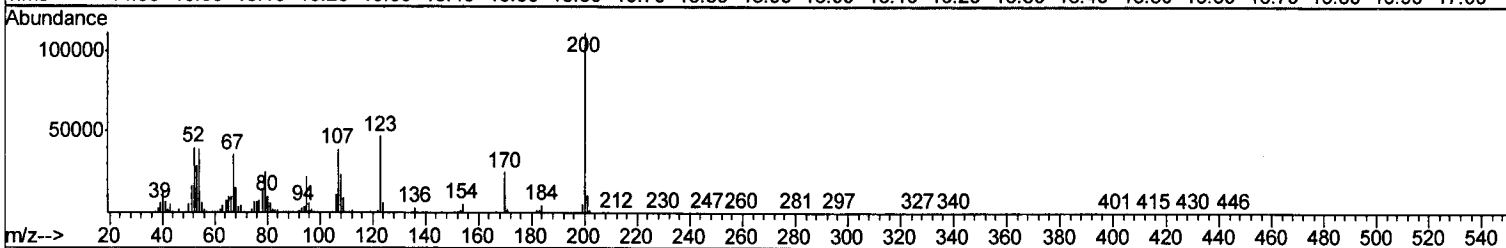
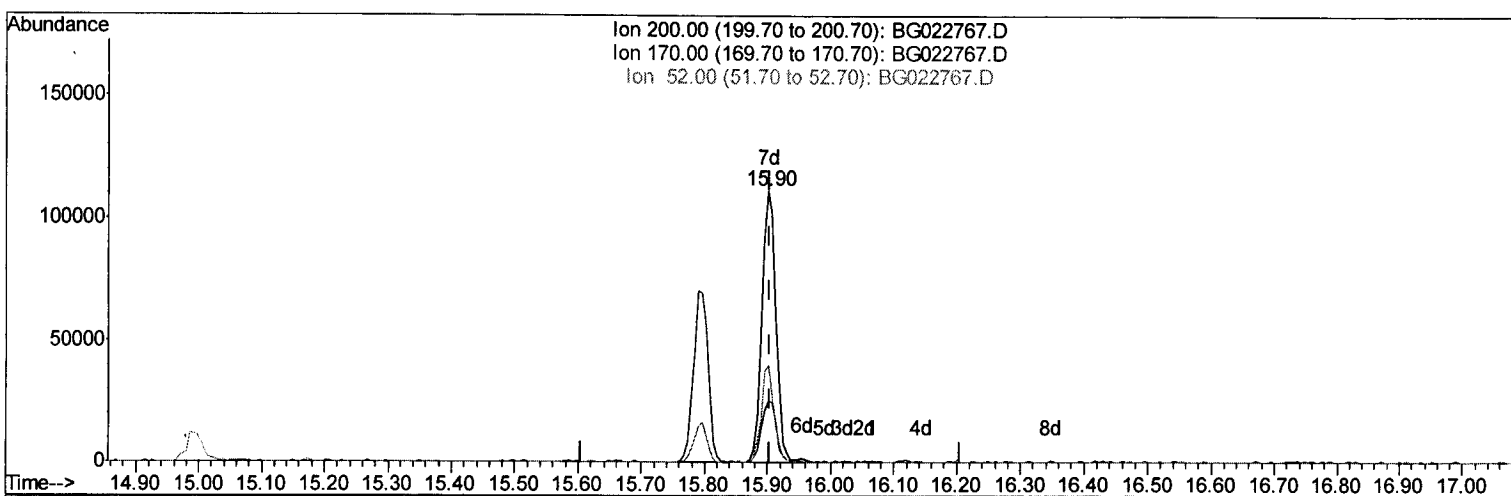
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 Operator : UM/SJ
 Sample : H3811-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW1

Manual Integration

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TIC: BG022767.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.902min (-0.003) 22.96ng/ul m

response 170377

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	22.65#
52.00	32.20	35.87
0.00	0.00	0.00

U.M
 07/09/16

Quantitation Report (Qedit)

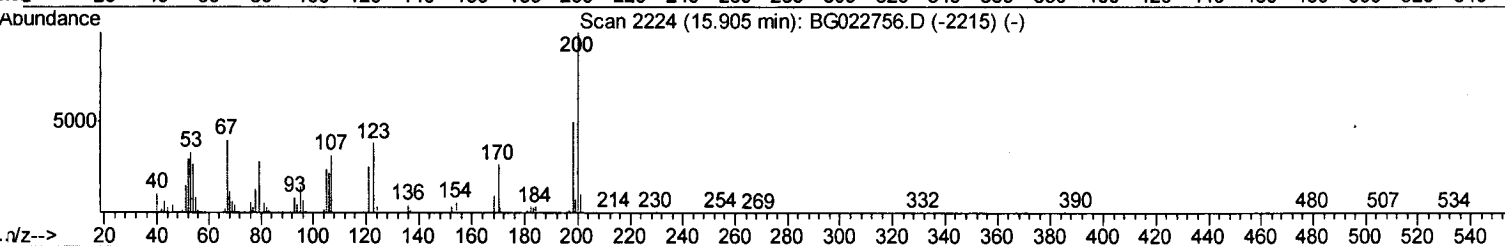
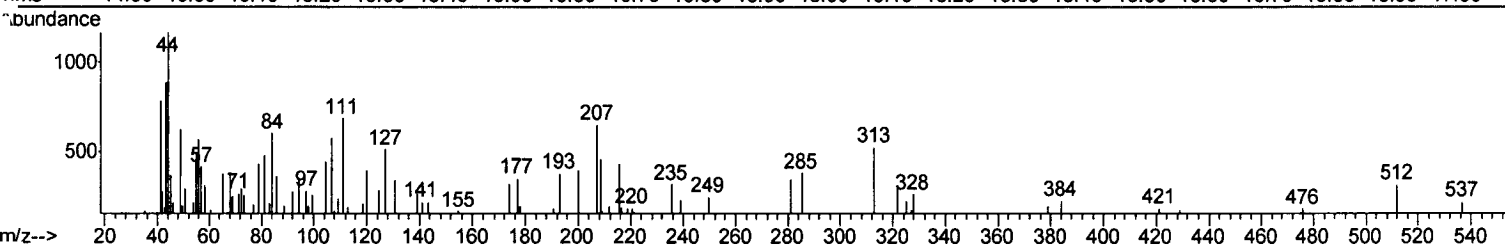
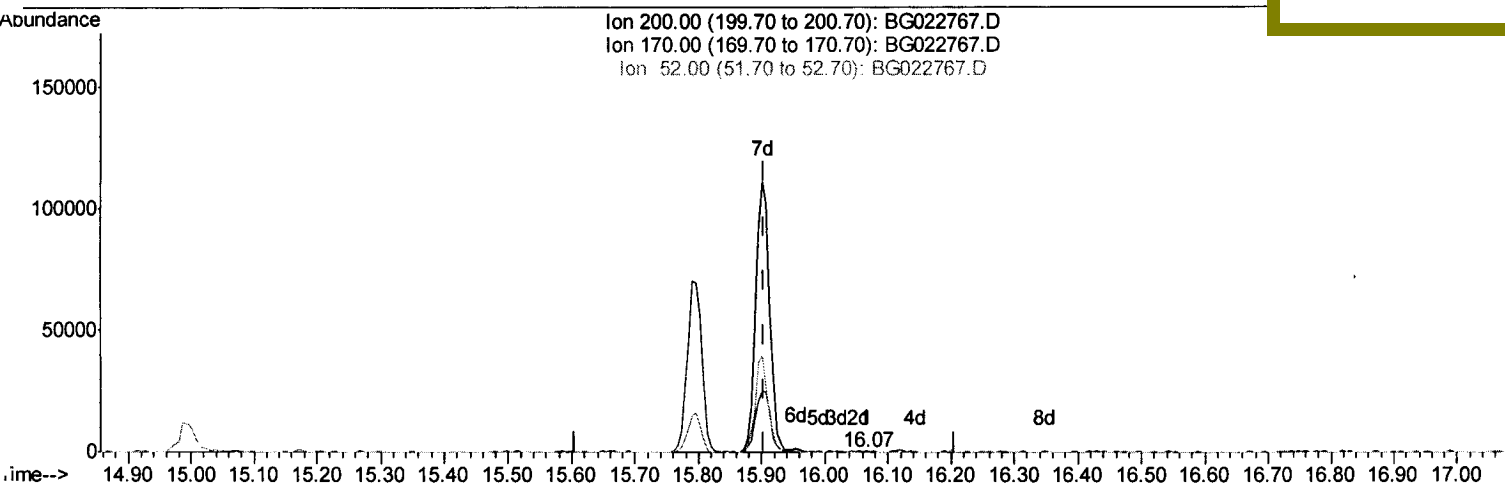
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Data File : BG022767.D
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Sample : H3811-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW1

Quant Time: Jul 02 01:19:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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Manual Integration

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TIC: BG022767.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.066min (+0.161) 0.03ng/ul

response 208

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	0.00#
52.00	32.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

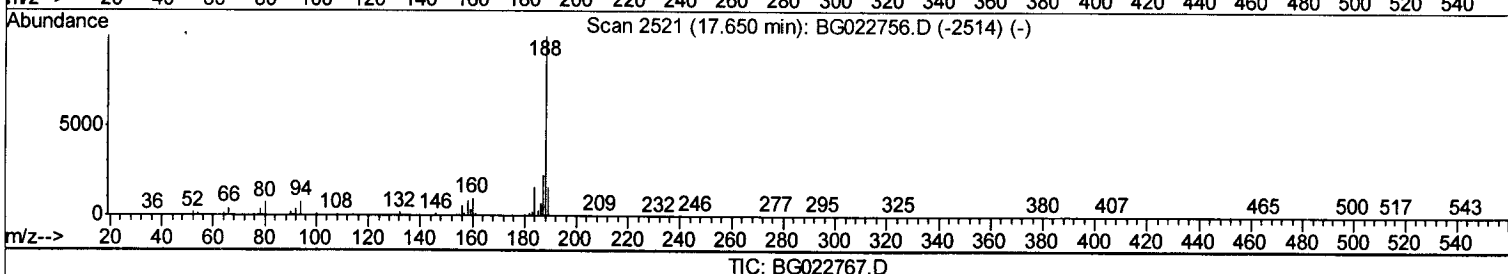
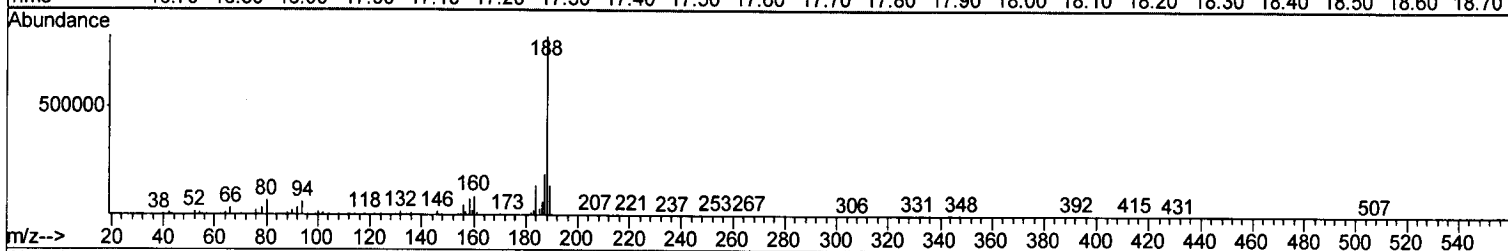
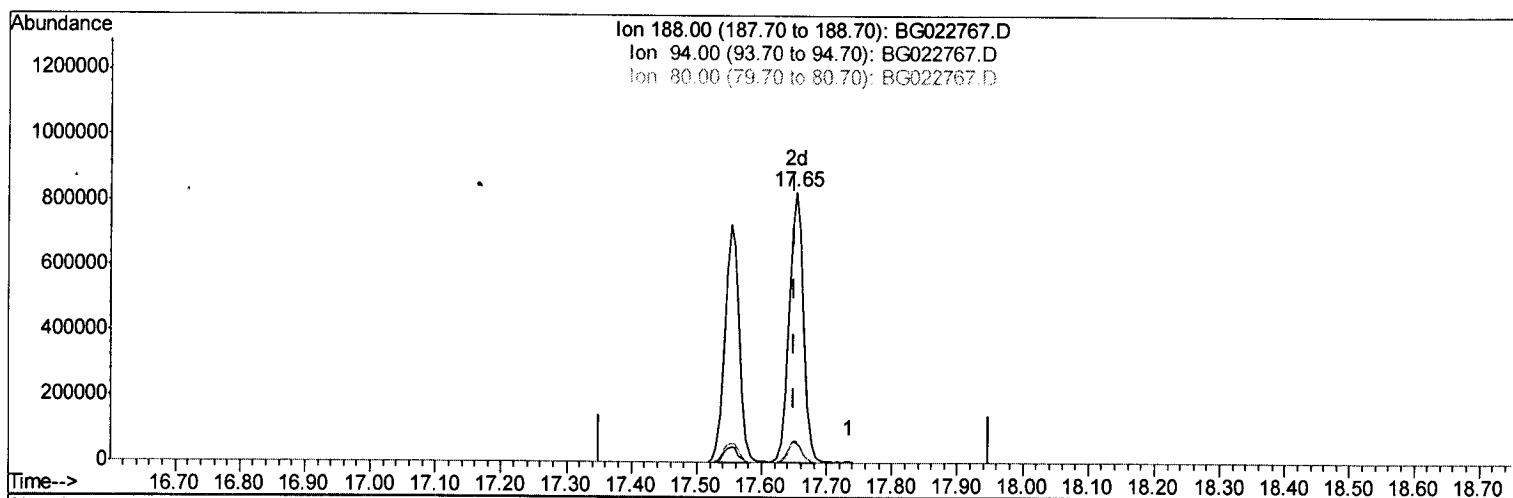
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 Data File : BG022767.D
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 Operator : UM/SJ
 Sample : H3811-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW1

Manual Integration

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(70) Anthracene-d10 (S)

17.653min (+0.003) 24.12ng/ul m *U.M*
07/08/16

response 1293500

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	7.39#
80.00	11.90	8.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

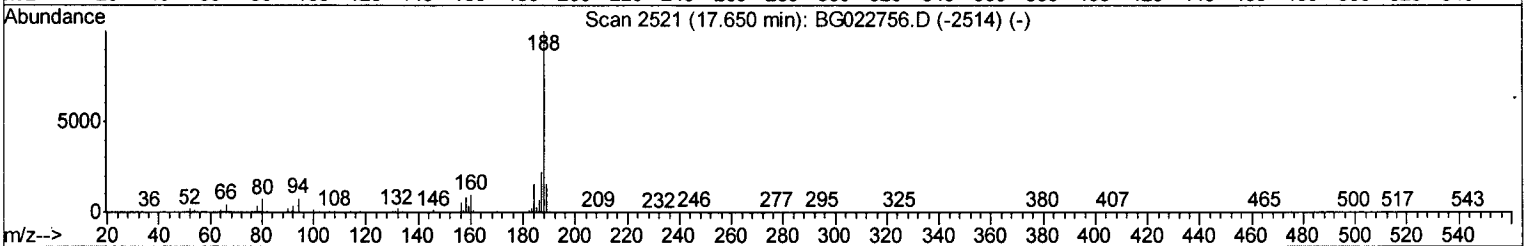
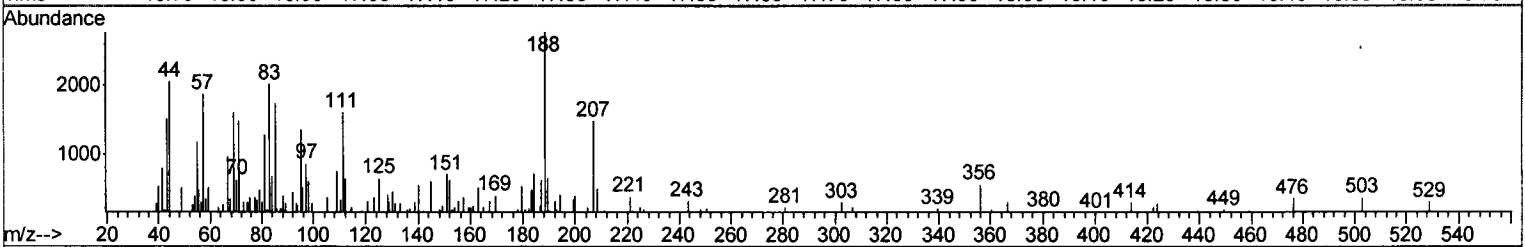
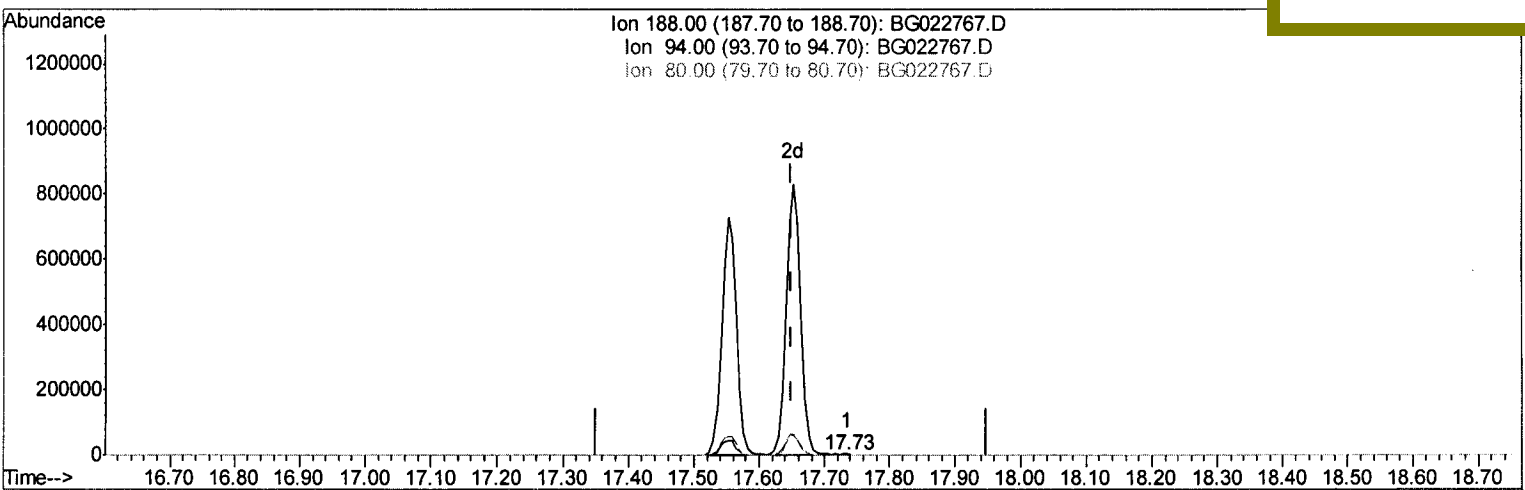
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022767.D
 Acq On : 1 Jul 2016 21:05
 Operator : UM/SJ
 Sample : H3811-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW1

Quant Time: Jul 02 01:19:31 2016
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Manual Integration

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TIC: BG022767.D

(70) Anthracene-d10 (S)

17.735min (+0.085) 0.03ng/ul

response 1498

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	9.34#
80.00	11.90	10.31
0.00	0.00	0.00

Quantitation Report (Qedit)

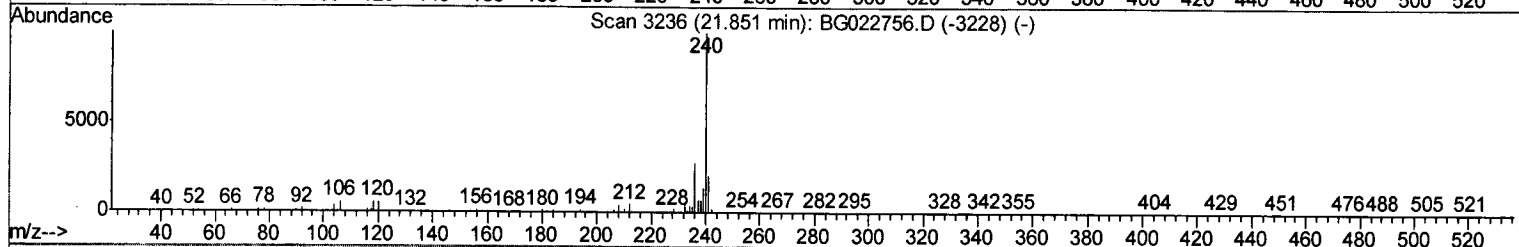
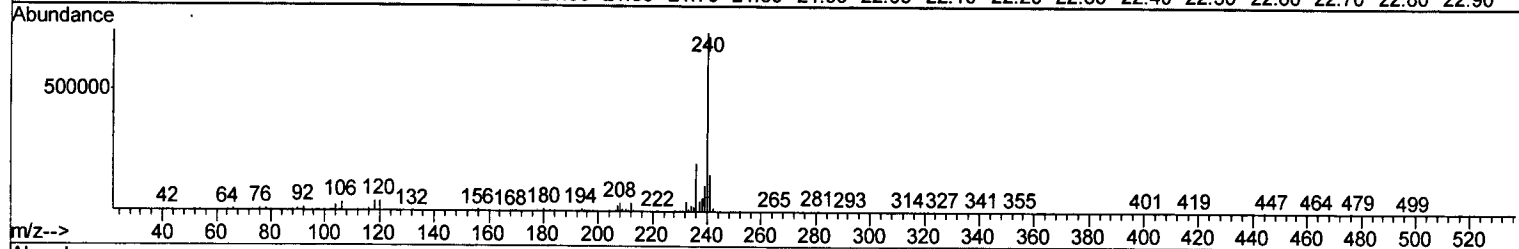
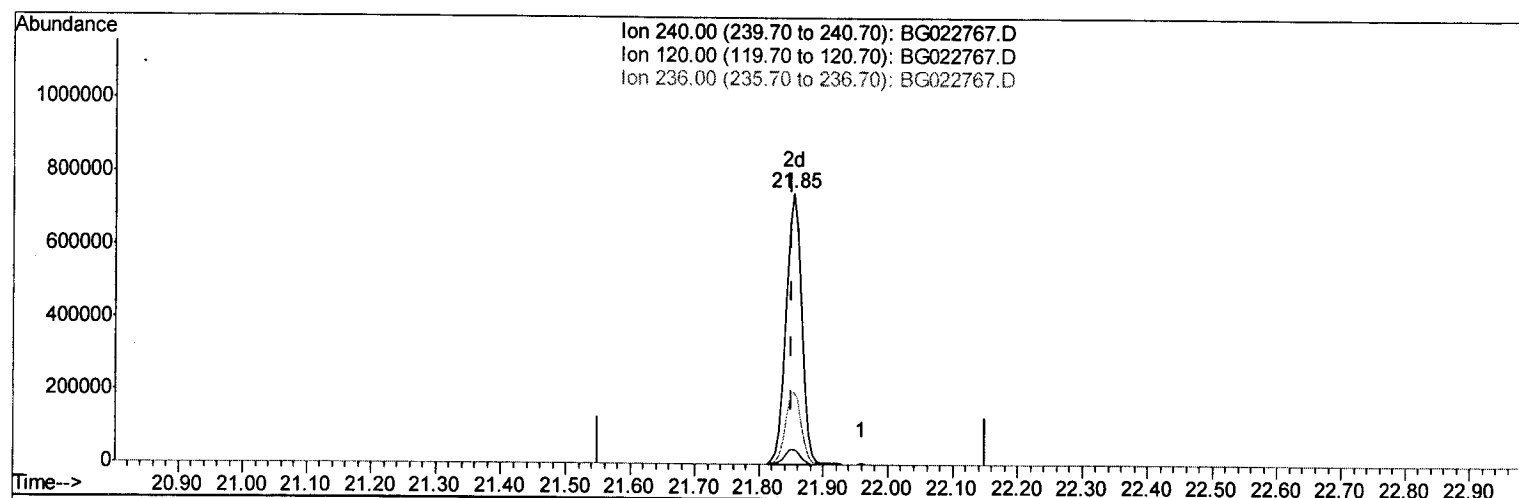
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Instrument :
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Manual Integration

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 Response via : Initial Calibration



TIC: BG022767.D

(75) Chrysene-d12 (I)

21.854min (+0.003) 20.00ng/ul m *U.M*
07/09/16

response 1293330

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	5.66#
236.00	26.10	26.79
0.00	0.00	0.00

Quantitation Report (Qedit)

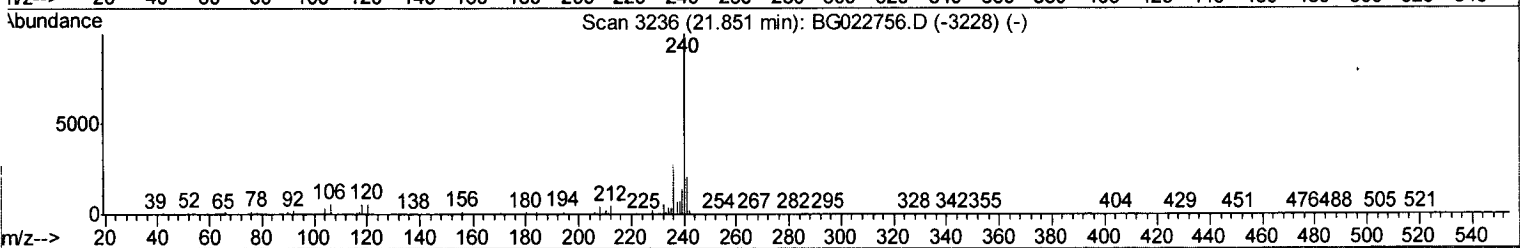
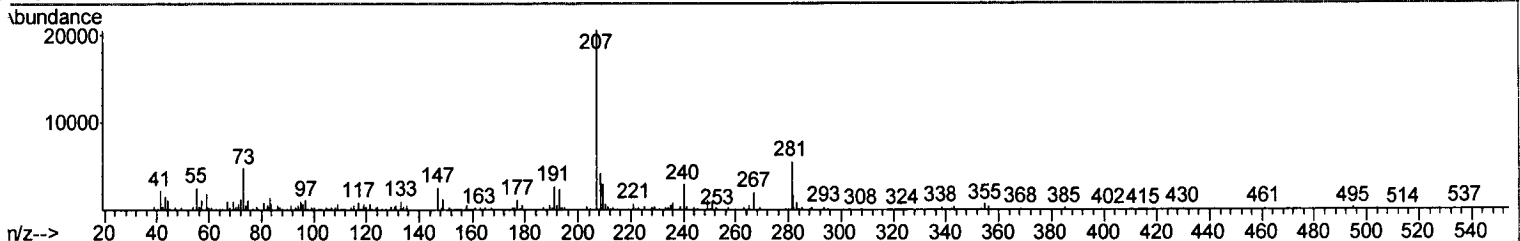
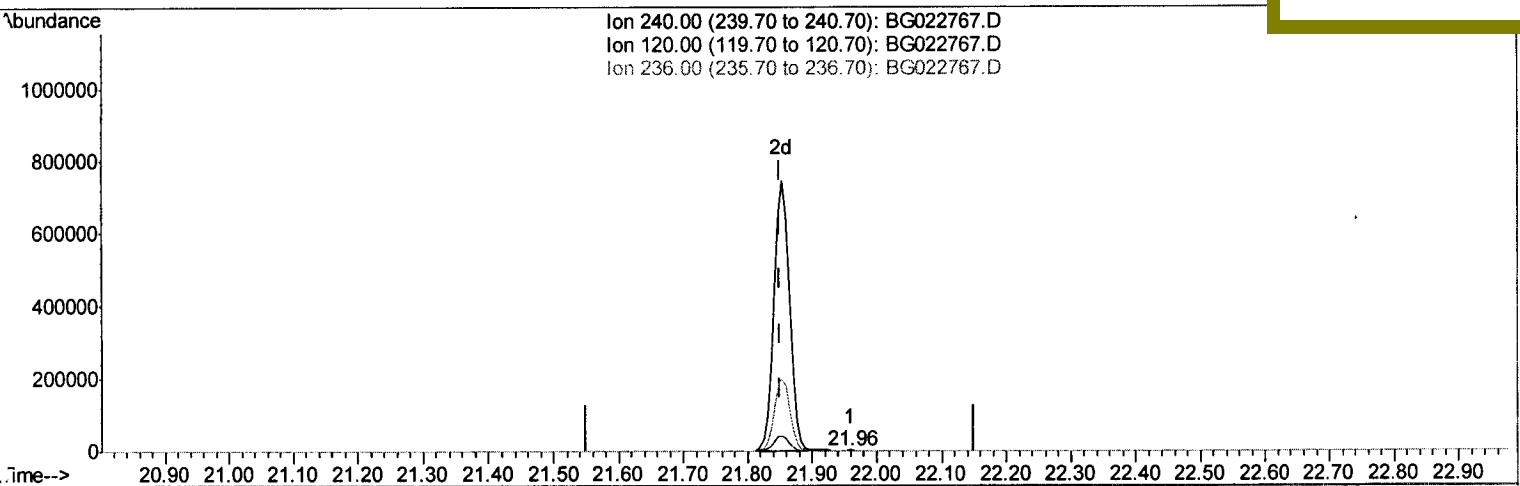
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
A4TW1

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7/4/2016 1:31:00 PM



TIC: BG022767.D

(75) Chrysene-d12 (I)

21.959min (+0.109) 20.00ng/ul

response 1752

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	18.44#
236.00	26.10	30.28
0.00	0.00	0.00

Quantitation Report (Qedit)

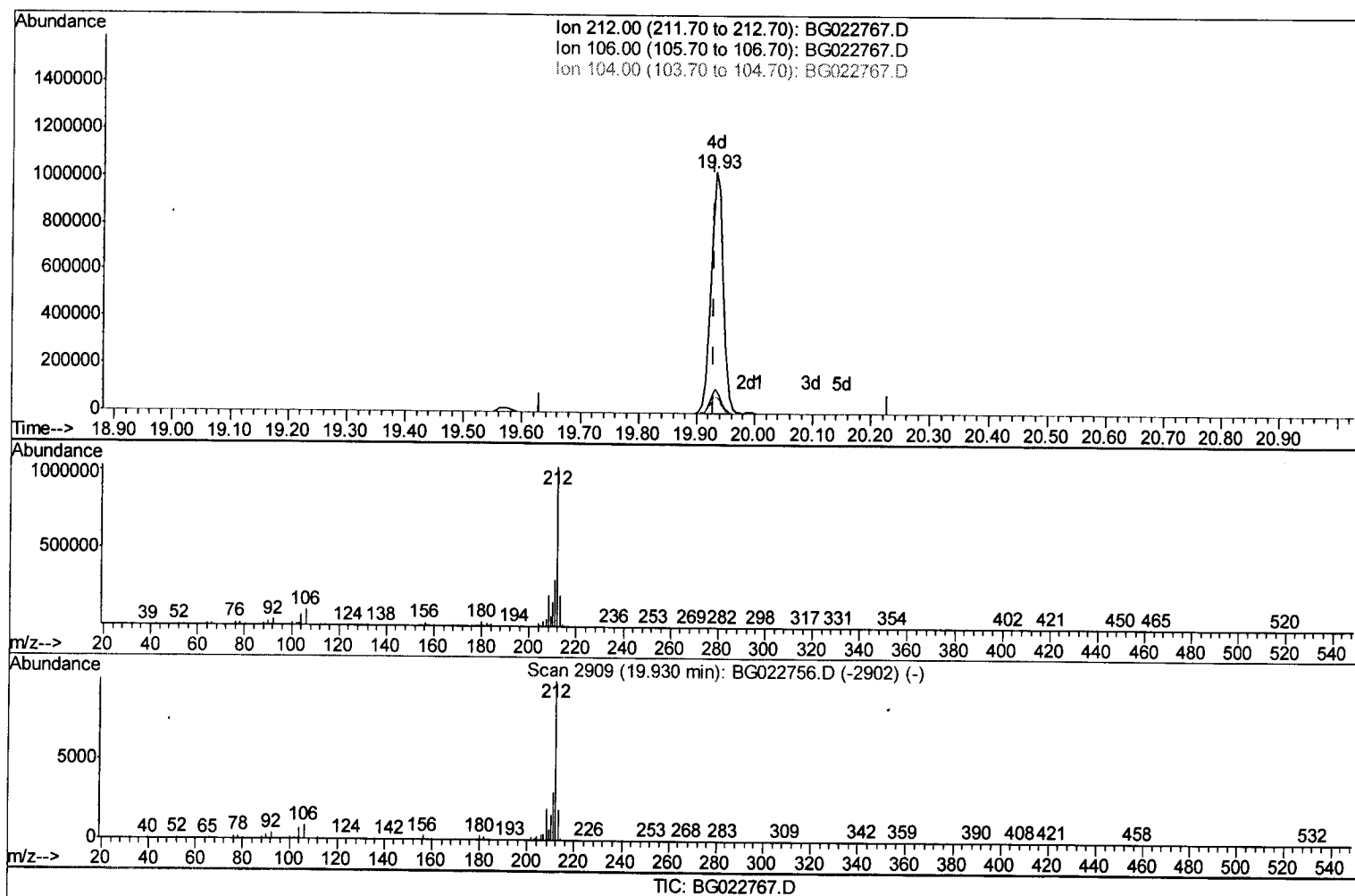
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW1

Manual Integration

Quant Time: Jul 02 01:20:28 2016
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 7/4/2016 1:31:00 PM



(76) Pyrene-d10 (S)

19.932min (+0.003) 24.45ng/ul m U.M
 response 1510907 07/09/16

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	10.19#
104.00	11.70	6.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

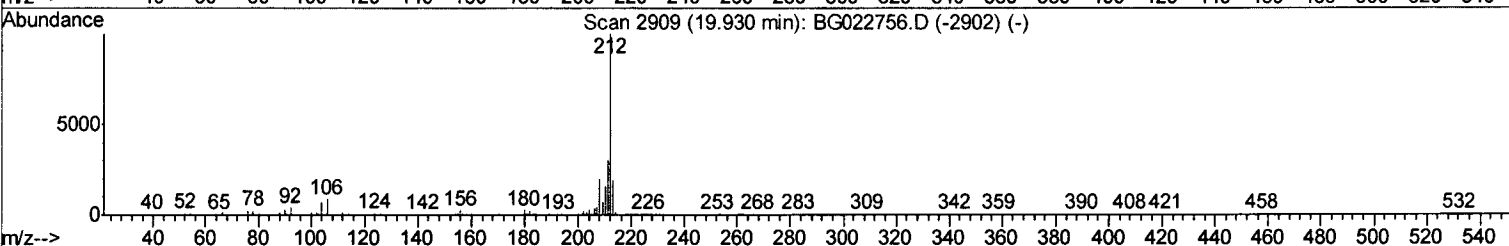
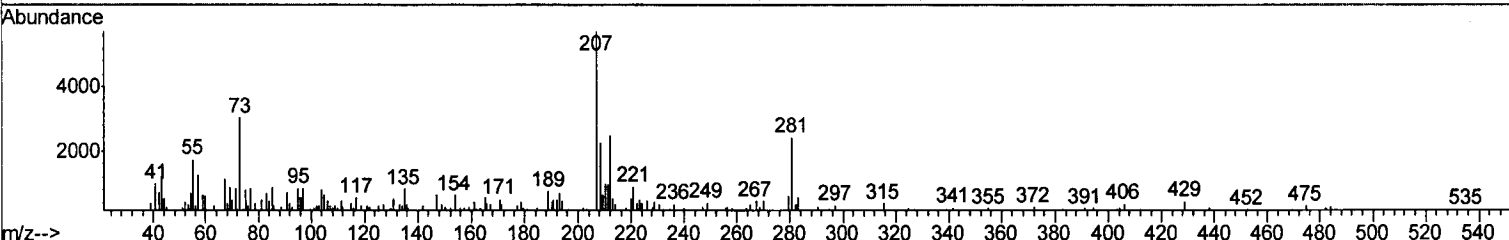
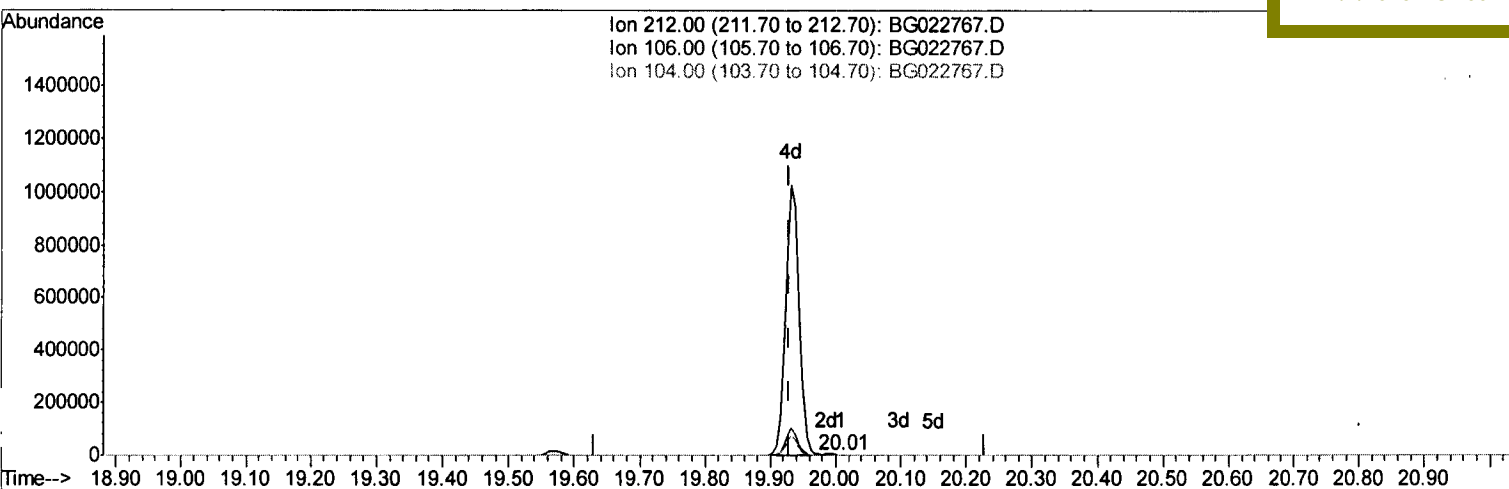
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TIC: BG022767.D

(76) Pyrene-d10 (S)

20.009min (+0.079) 0.04ng/ul

response 2433

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	17.89
104.00	11.70	32.59#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022767.D
 Acq On : 1 Jul 2016 21:05
 Operator : UM/SJ
 Sample : H3811-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW1

Quant Time: Jul 02 01:21:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Manual Integration

APPROVED
 sohil
 7/4/2016 1:31:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	146942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	623240	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	485188	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1153581m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1293330m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1329187	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	5217m	1.98	ng/uL	0.00
5) Phenol-d5	7.31	99	343417	22.22	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.48	67	204671	23.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	223350	21.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	259881	21.65	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	114286	23.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	136593	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	279290	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	270209m	25.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	967668	24.55	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1101066	24.37	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	148759	24.04	ng/ul	0.00
57) Fluorene-d10	15.80	176	915272	24.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	170377m	22.96	ng/ul	0.00
70) Anthracene-d10	17.65	188	1293500m	24.12	ng/ul	0.00
76) Pyrene-d10	19.93	212	1510907m	24.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1520147	24.07	ng/ul	0.01

Target Compounds					Qvalue
6) Phenol	7.34	94	17979	1.14 ng/ul#	62
44) Dimethylphthalate	14.24	163	260218	6.47 ng/ul#	96

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