

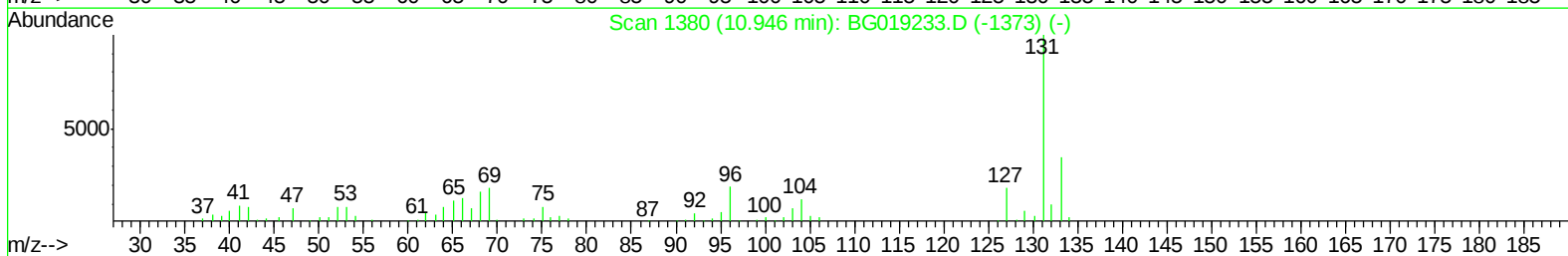
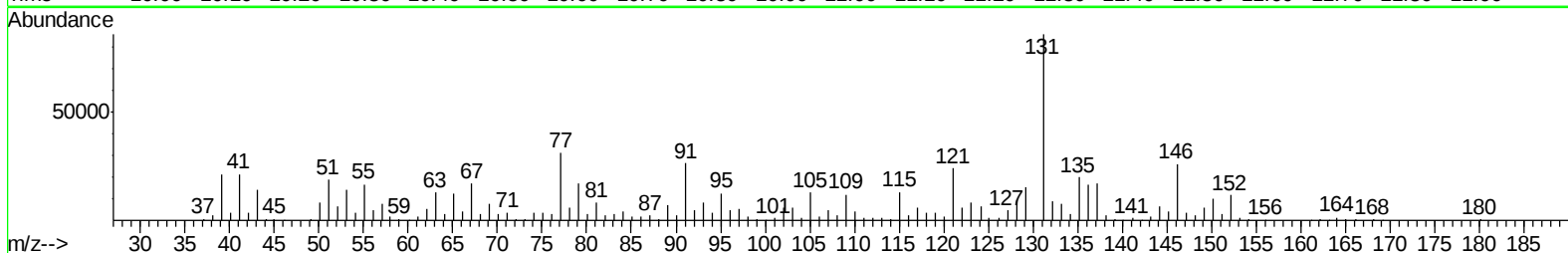
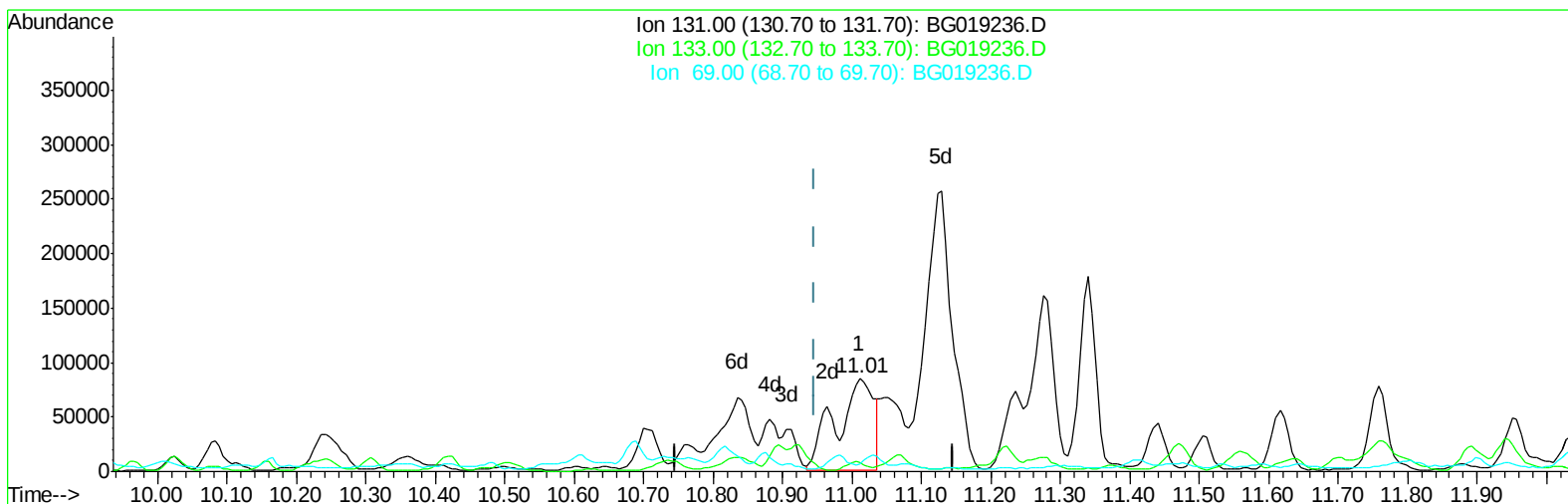
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 08:35:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(29) 4-Chloroaniline-d4 (S)

11.011min (+0.065) 121.98ng/ul m

response 314541

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	9.00#
69.00	17.00	8.87#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
 Data File : BG019236.D
 Acq On : 16 Oct 2015 23:15
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 6:29:34 PM

Quant Time: Oct 19 08:38:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 00:27:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25767	20.00	ng/ul	0.02
18) Naphthalene-d8	10.86	136	123636	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.68	164	64498	20.00	ng/ul	0.05
62) Phenanthrene-d10	17.43	188	124648	20.00	ng/ul	0.04
78) Chrysene-d12	21.70	240	153441	20.00	ng/ul	0.05
86) Perylene-d12	24.97	264	155224m	20.00	ng/ul	0.12

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	13276	28.69	ng/uL	0.00
5) Phenol-d5	7.23	99	44122	19.62	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.36	67	47094	32.54	ng/ul	0.03
9) 2-Chlorophenol-d4	7.57	132	34988	21.35	ng/ul	0.03
13) 4-Methylphenol-d8	8.70	113	54	0.03	ng/ul	-0.02
19) Nitrobenzene-d5	9.22	128	25250	26.51	ng/ul	0.05
22) 2-Nitrophenol-d4	9.93	143	21495	21.26	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.54	165	37850	18.90	ng/ul	0.11
29) 4-Chloroaniline-d4	11.01	131	314541m	121.98	ng/ul	0.06
44) Dimethylphthalate-d6	14.14	166	106733m	18.92	ng/ul	0.10
47) Acenaphthylene-d8	14.38	160	132431	21.72	ng/ul	0.05
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.68	176	195162	40.48	ng/ul	0.05
63) 4,6-Dinitro-2-methylphenol	15.78	200	319	0.41	ng/ul	0.03
71) Anthracene-d10	17.53	188	133114	22.60	ng/ul	0.05
79) Pyrene-d10	19.81	212	155352	22.32	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.74	264	169074m	21.56	ng/ul	0.11

Target Compounds

						Qvalue
6) Phenol	7.27	94	1349535	576.29	ng/ul#	73
11) 2-Methylphenol	8.55	108	2076255m	1129.58	ng/ul	
14) Acetophenone	8.83	105	133358	41.47	ng/ul#	82
16) 4-Methylphenol	8.95	108	4001457m	1940.40	ng/ul	
24) 2,4-Dimethylphenol	10.12	107	3704754	1423.57	ng/ul	94
28) Naphthalene	10.93	128	2568460	397.44	ng/ul#	92
34) 2-Methylnaphthalene	12.53	142	1368707	267.18	ng/ul	99
35) 1-Methylnaphthalene	12.74	142	857328	170.89	ng/ul#	97
41) 1,1'-Biphenyl	13.52	154	420380	83.48	ng/ul	94
42) 2-Chloronaphthalene	13.51	162	40706	10.46	ng/ul	96
48) Acenaphthylene	14.41	152	184664	27.46	ng/ul#	83
50) Acenaphthene	14.75	153	127529	28.32	ng/ul	93
54) Dibenzofuran	15.09	168	579700	91.09	ng/ul#	83
59) Fluorene	15.74	166	417656	76.68	ng/ul#	95
70) Phenanthrene	17.47	178	737512	105.97	ng/ul	93
72) Anthracene	17.56	178	169228	23.93	ng/ul#	92
75) Carbazole	17.86	167	54427m	8.93	ng/ul	
77) Fluoranthene	19.48	202	216216	24.82	ng/ul	96
80) Pyrene	19.84	202	239381	26.29	ng/ul#	91
83) Benzo(a)anthracene	21.68	228	61888	7.14	ng/ul#	69
85) Chrysene	21.75	228	67963	8.29	ng/ul#	69

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 08:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

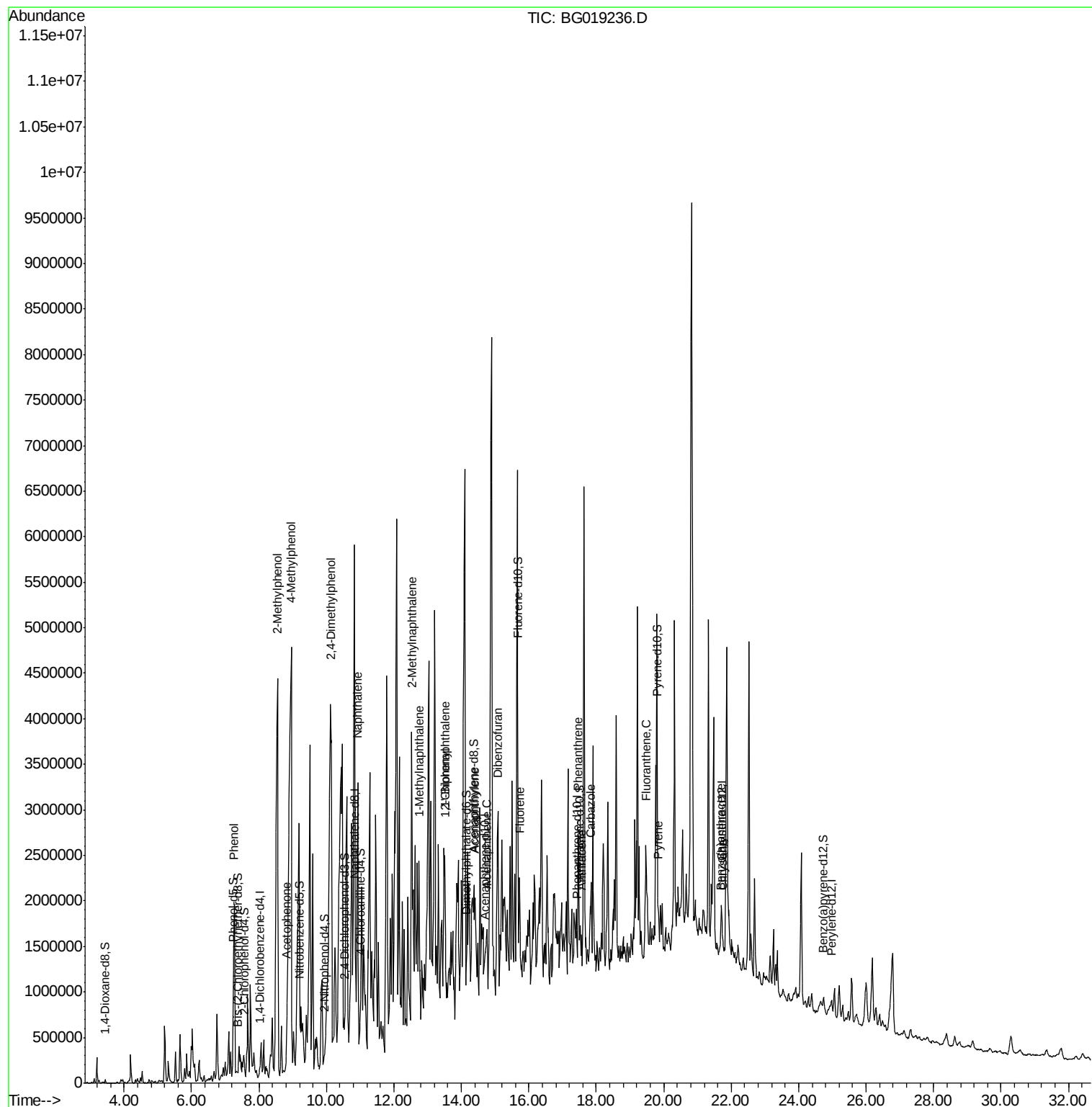
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 08:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



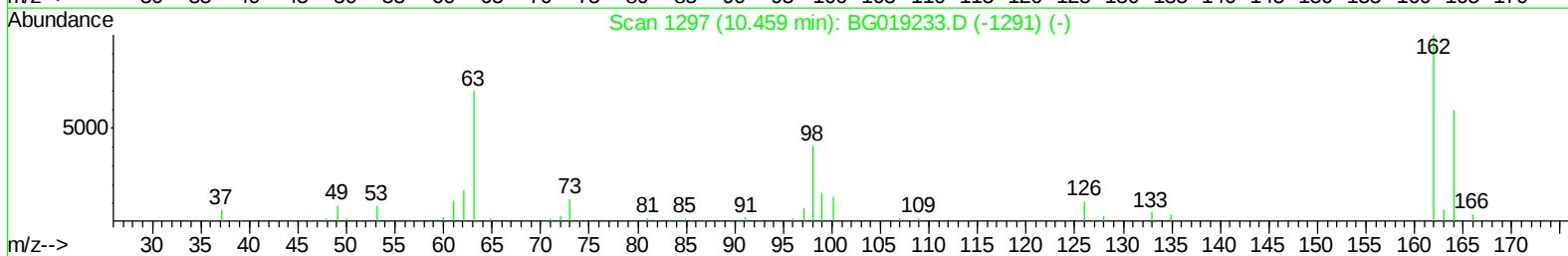
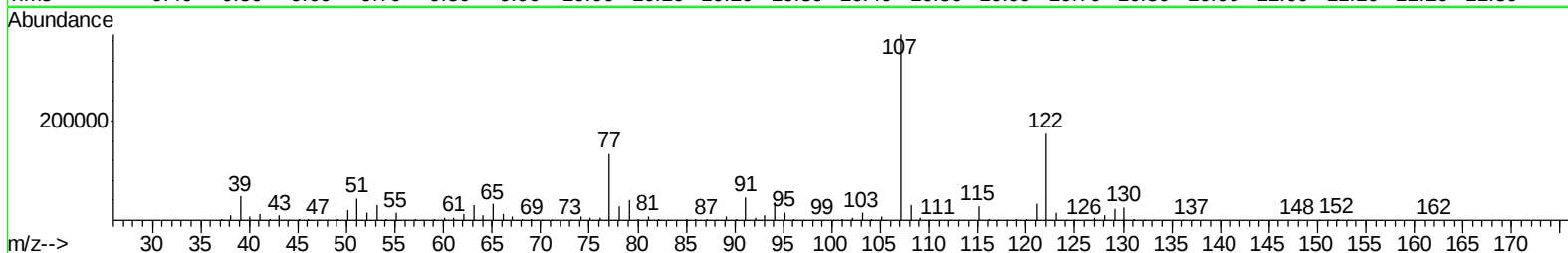
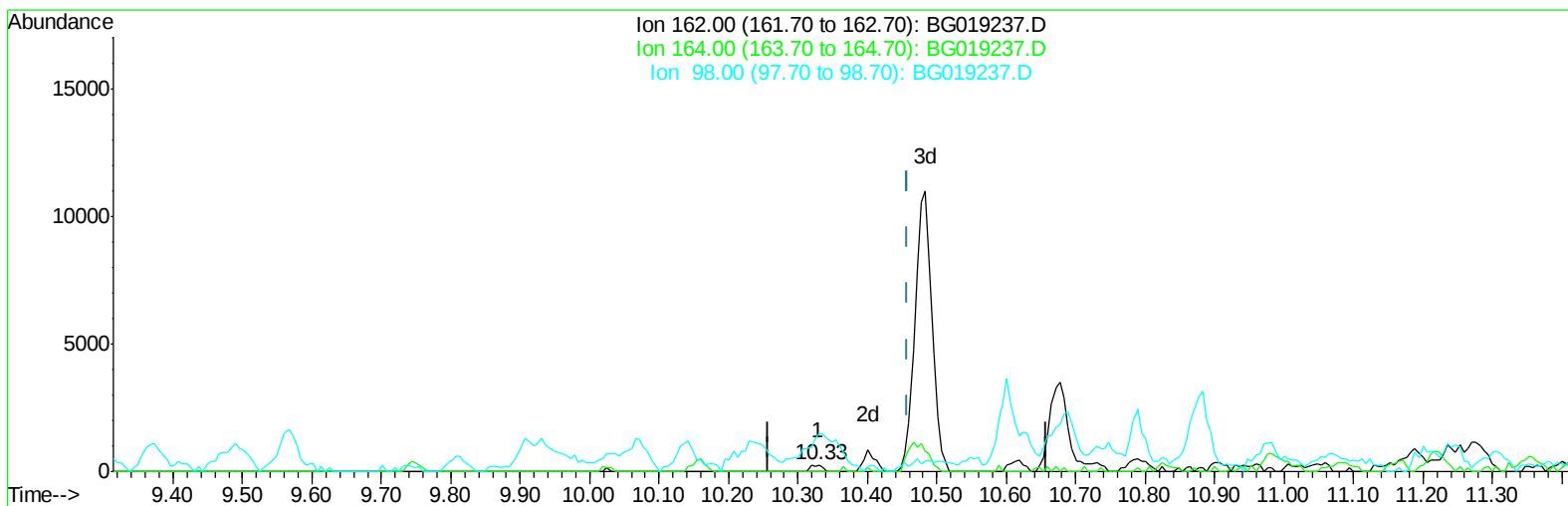
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Data File : BG019237.D
Acq On : 16 Oct 2015 23:52
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 07:53:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019237.D

(27) 2,4-Dichlorophenol (C)

10.330min (-0.128) 0.18ng/ul

response 307

Ion	Exp%	Act%
162.00	100	100
164.00	62.50	0.00#
98.00	36.30	580.47#
0.00	0.00	0.00

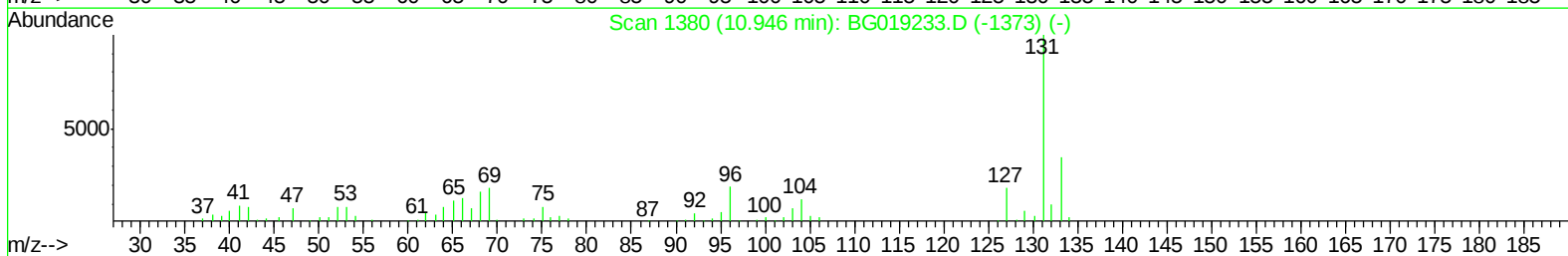
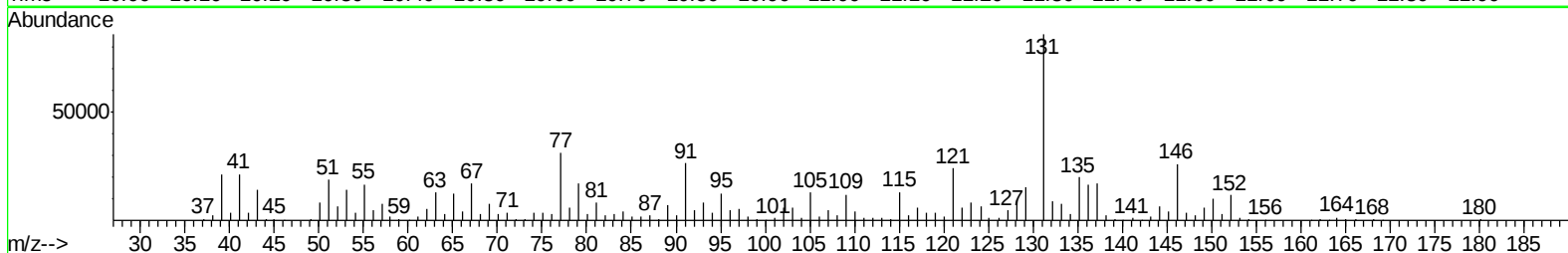
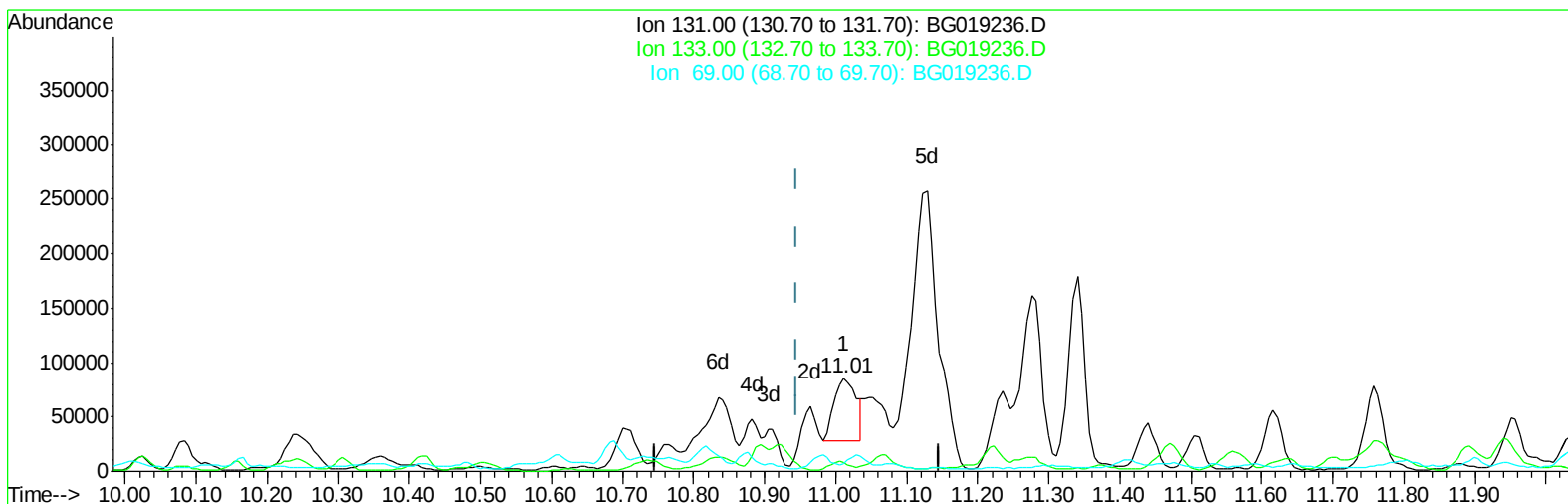
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 08:35:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(29) 4-Chloroaniline-d4 (S)
11.011min (+0.065) 49.90ng/ul
response 128680

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	9.00#
69.00	17.00	8.87#
0.00	0.00	0.00

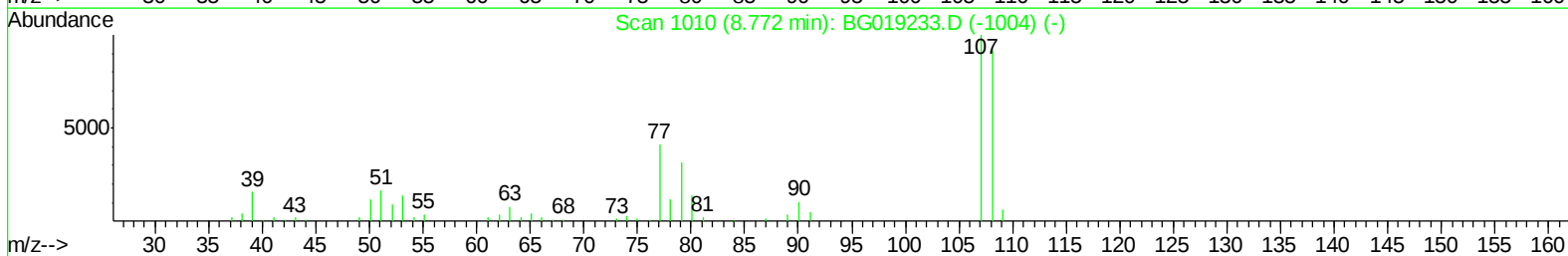
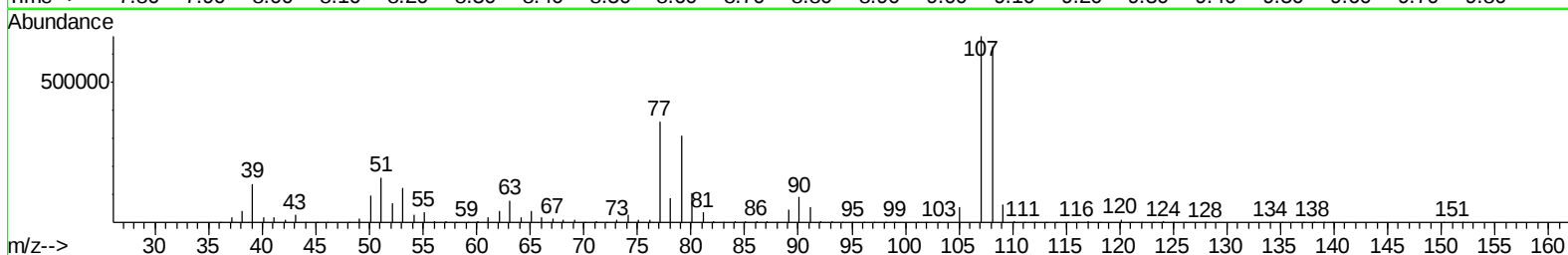
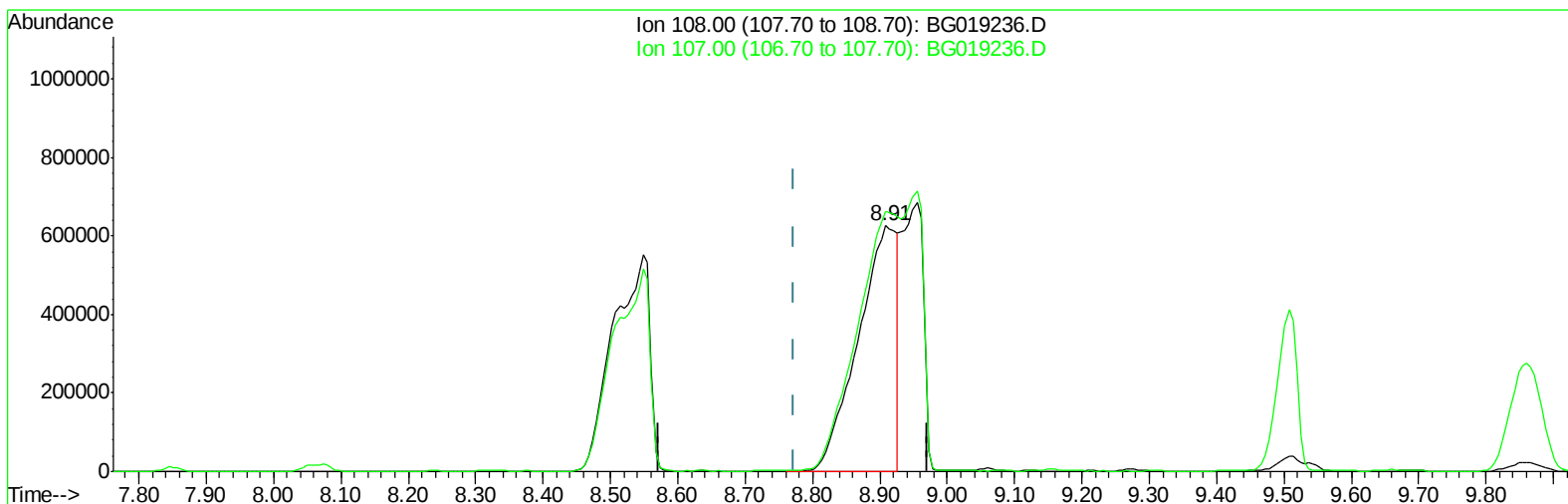
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 00:30:15 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(16) 4-Methylphenol

8.908min (+0.135) 1206.67ng/ul

response 2488360

Ion	Exp%	Act%
108.00	100	100
107.00	108.30	106.02
0.00	0.00	0.00
0.00	0.00	0.00

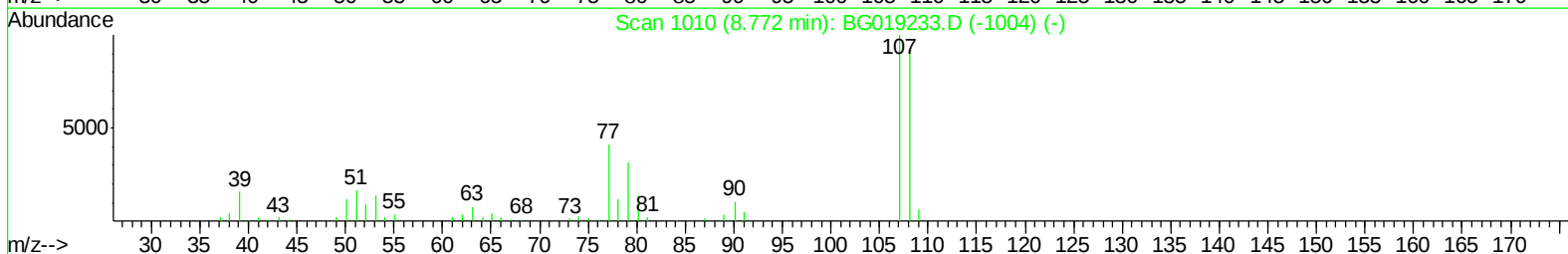
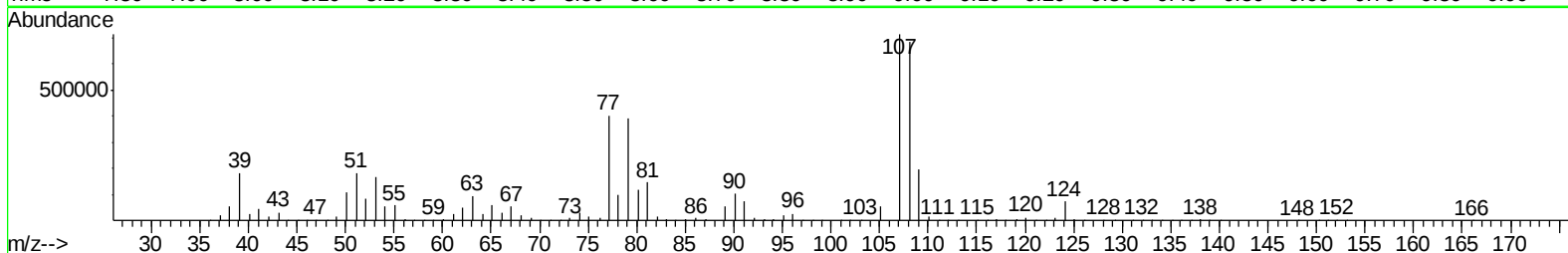
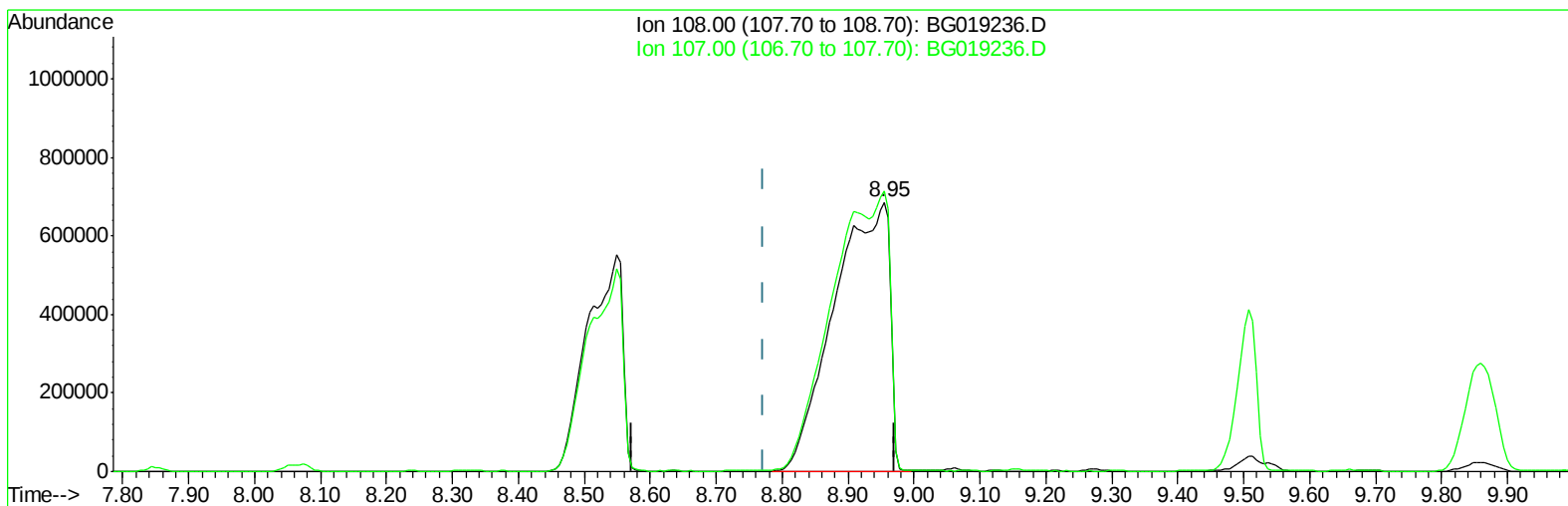
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 00:30:15 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(16) 4-Methylphenol

8.955min (+0.182) 1940.40ng/ul m

response 4001457

Ion	Exp%	Act%
108.00	100	100
107.00	108.30	104.07
0.00	0.00	0.00
0.00	0.00	0.00

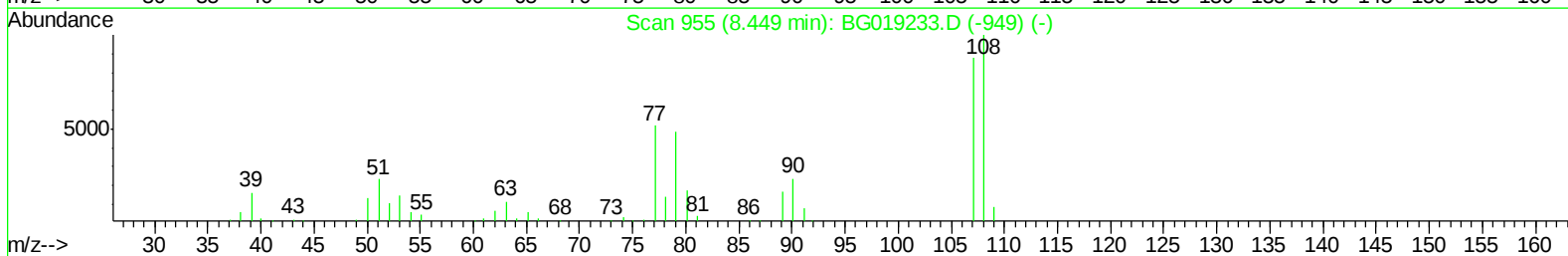
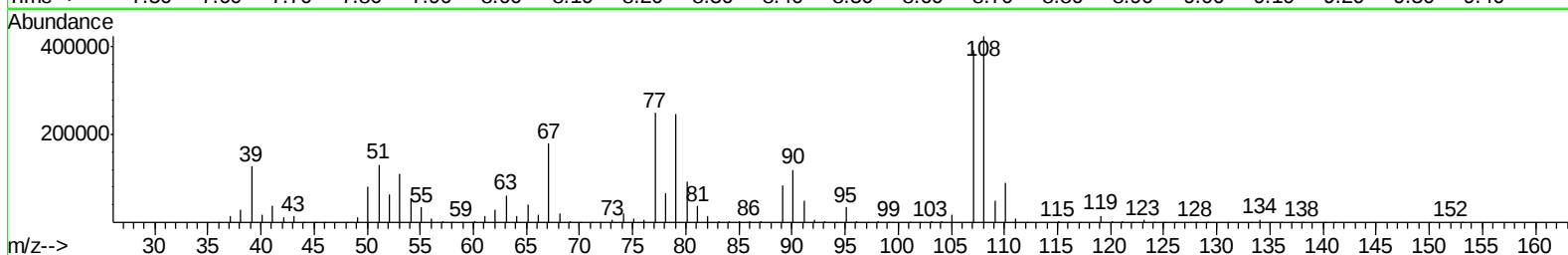
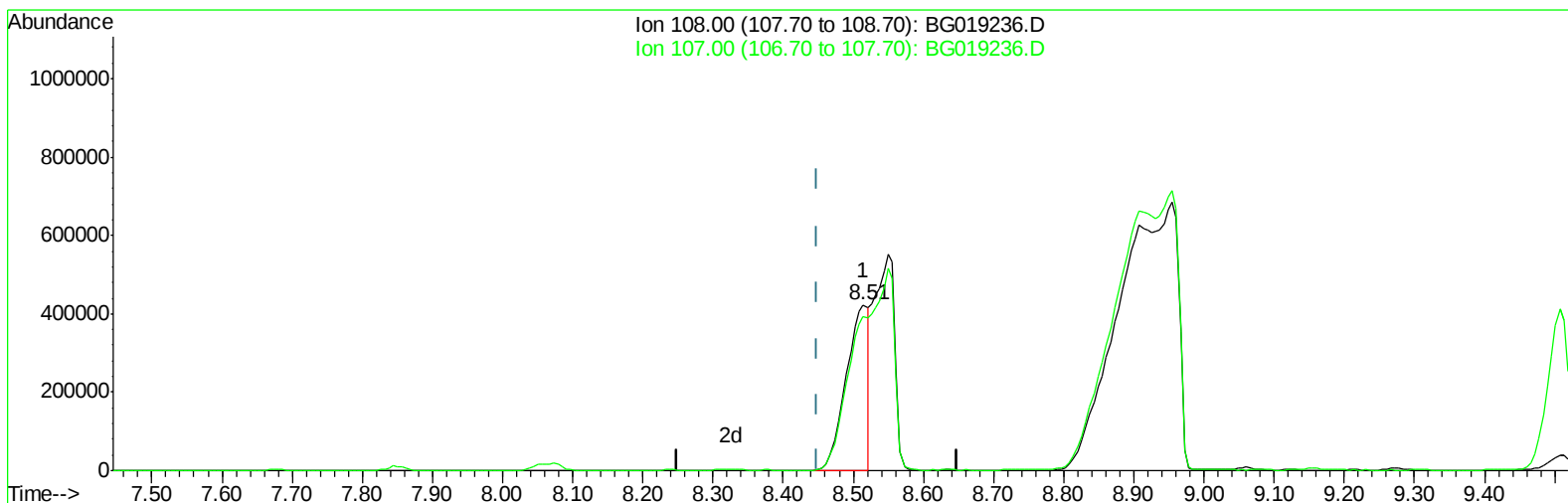
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 00:30:15 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(11) 2-Methylphenol

8.514min (+0.065) 501.23ng/ul

response 921292

Ion	Exp%	Act%
108.00	100	100
107.00	95.90	92.47
0.00	0.00	0.00
0.00	0.00	0.00

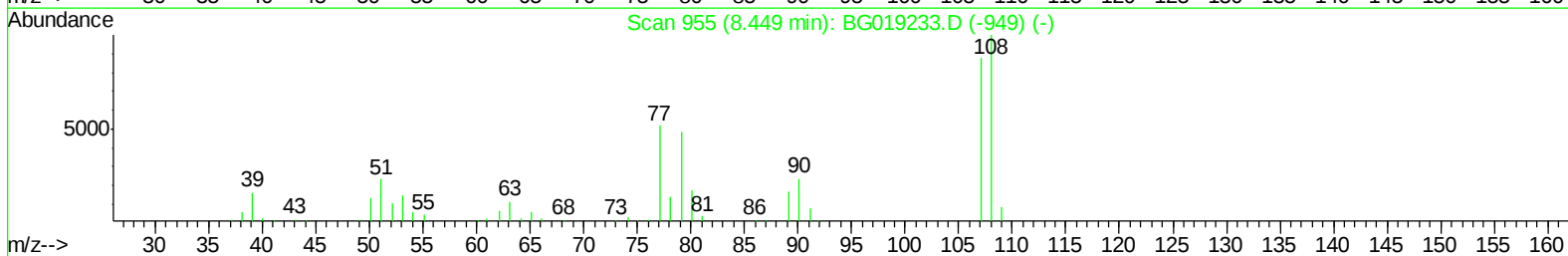
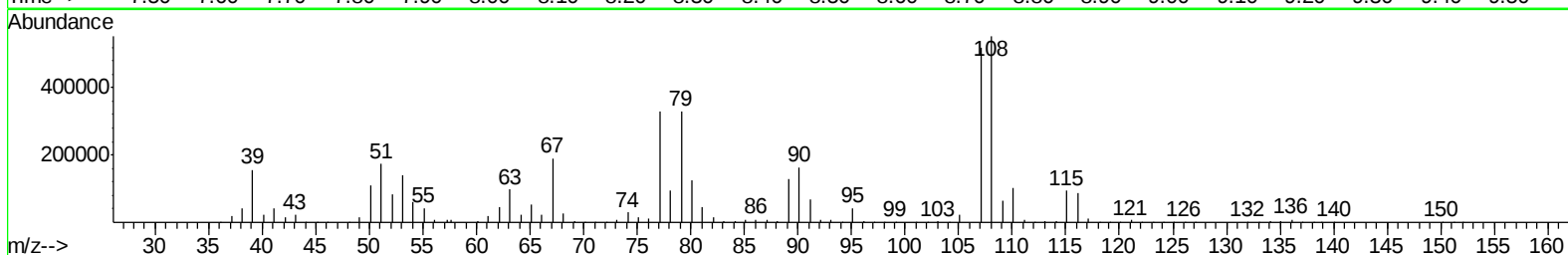
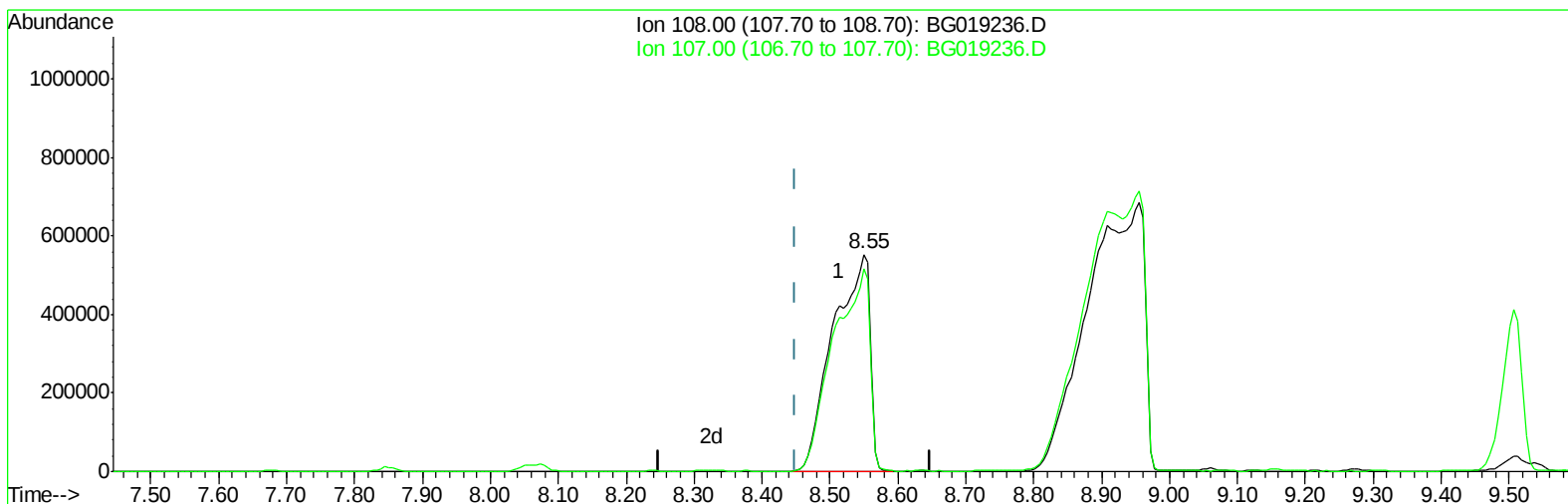
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 00:30:15 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(11) 2-Methylphenol

8.549min (+0.100) 1129.58ng/ul m

response 2076255

Ion	Exp%	Act%
108.00	100	100
107.00	95.90	93.70
0.00	0.00	0.00
0.00	0.00	0.00

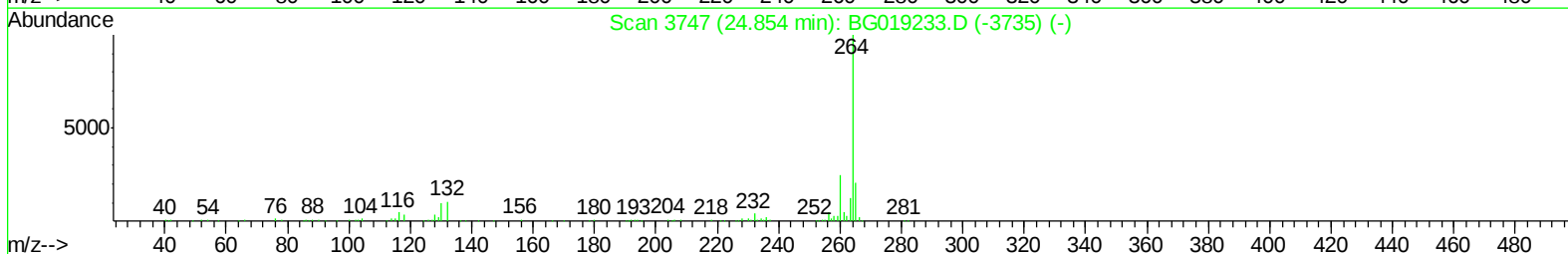
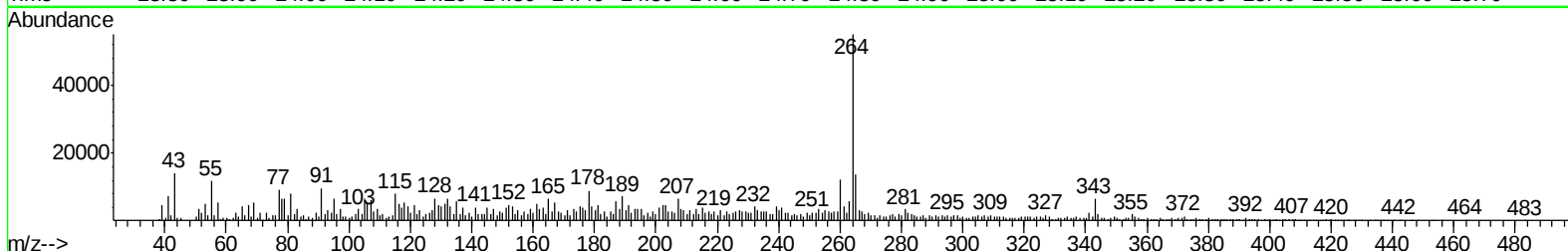
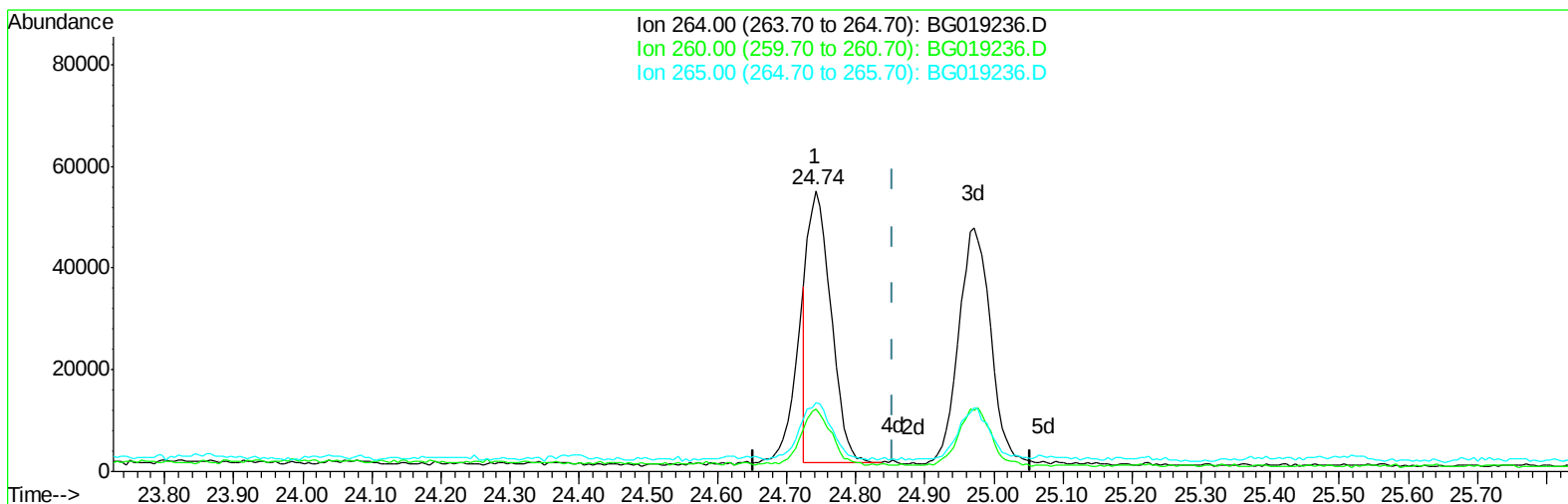
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 03:06:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(86) Perylene-d12 (I)

24.742min (-0.111) 20.00ng/ul

response 125047

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	22.11
265.00	21.10	24.60
0.00	0.00	0.00

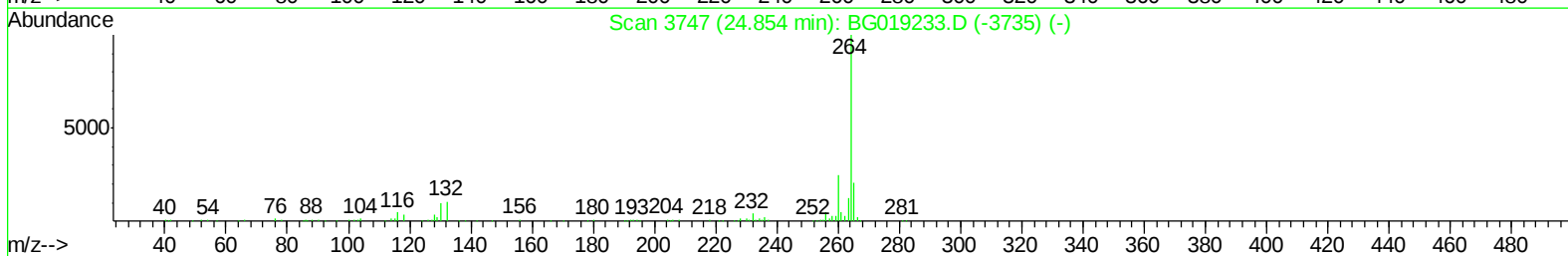
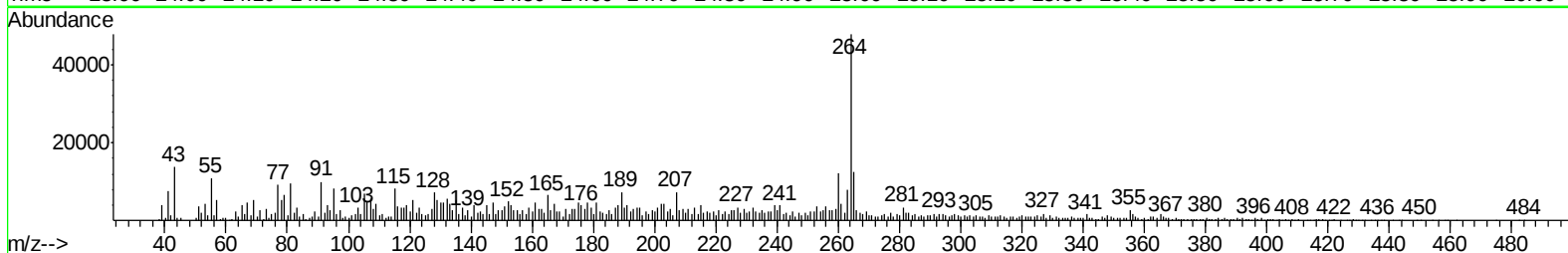
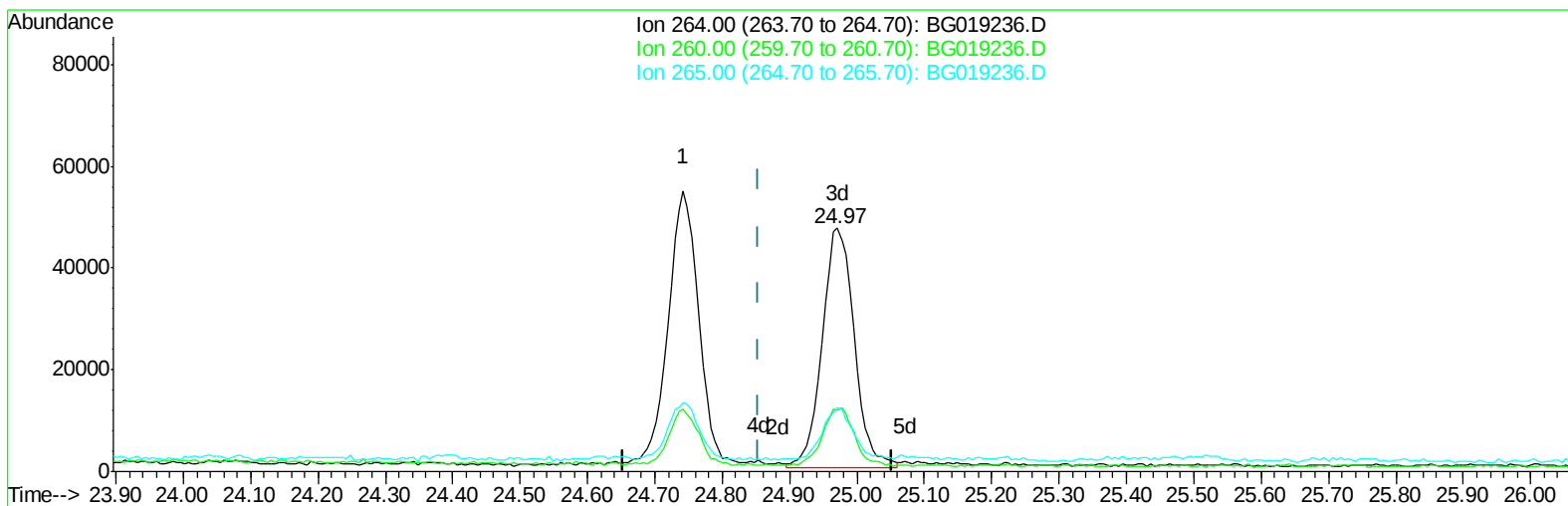
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 03:06:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(86) Perylene-d12 (I)

24.971min (+0.118) 20.00ng/ul m

response 155224

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	25.39
265.00	21.10	26.39#
0.00	0.00	0.00

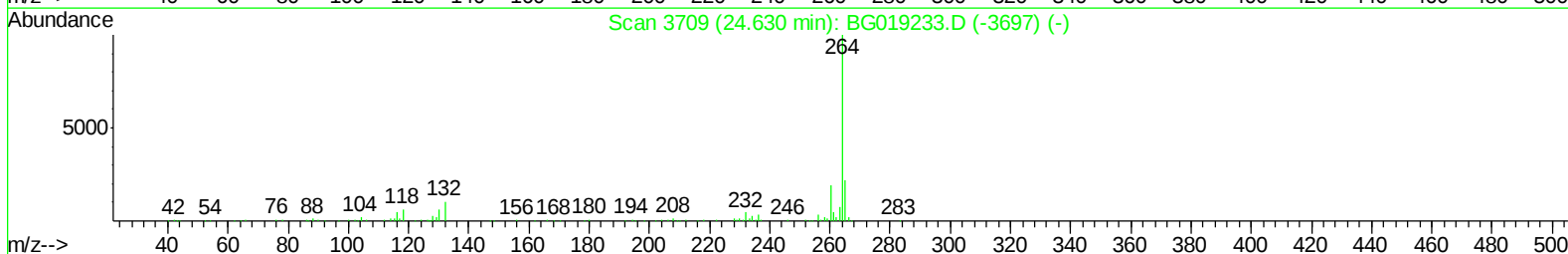
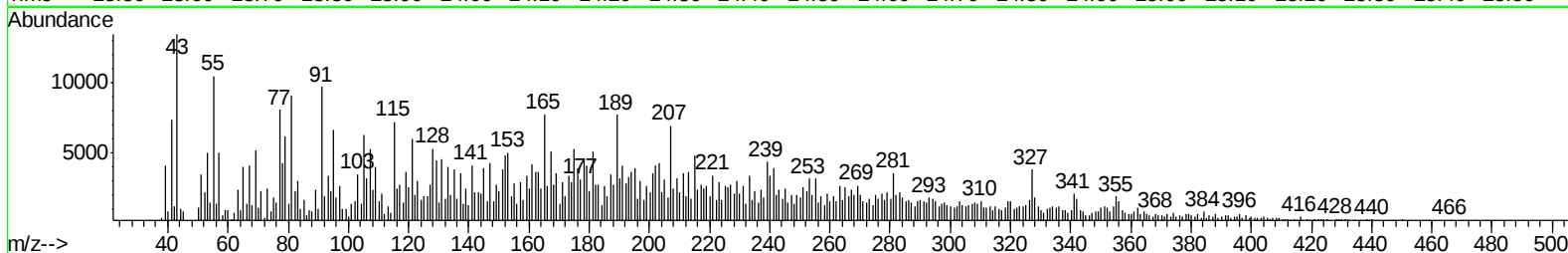
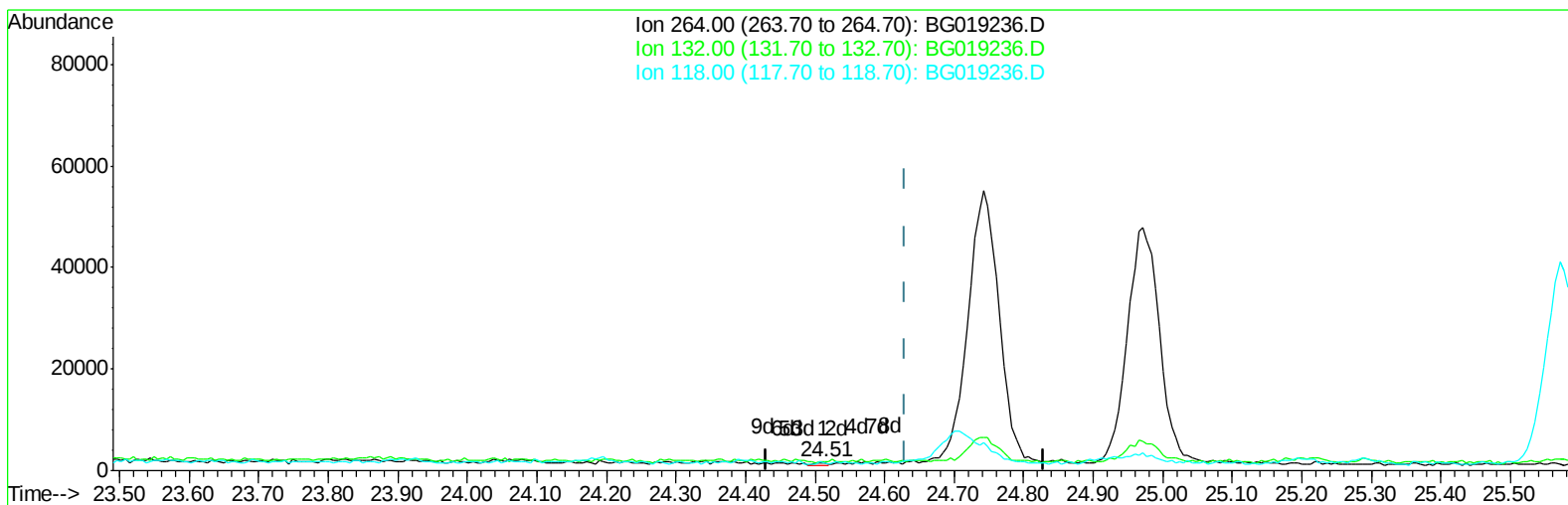
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 07:29:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(90) Benzo(a)pyrene-d12 (S)

24.513min (-0.117) 0.07ng/ul

response 552

Ion	Exp%	Act%
264.00	100	100
132.00	15.40	107.23#
118.00	9.00	91.77#
0.00	0.00	0.00

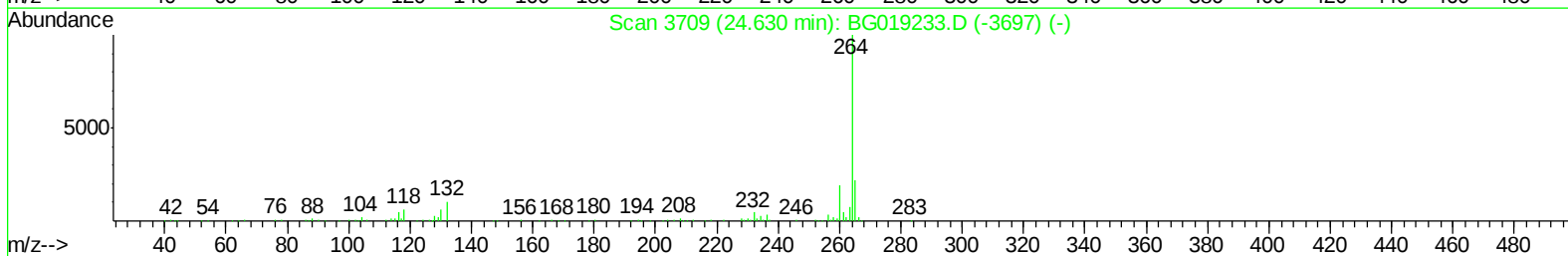
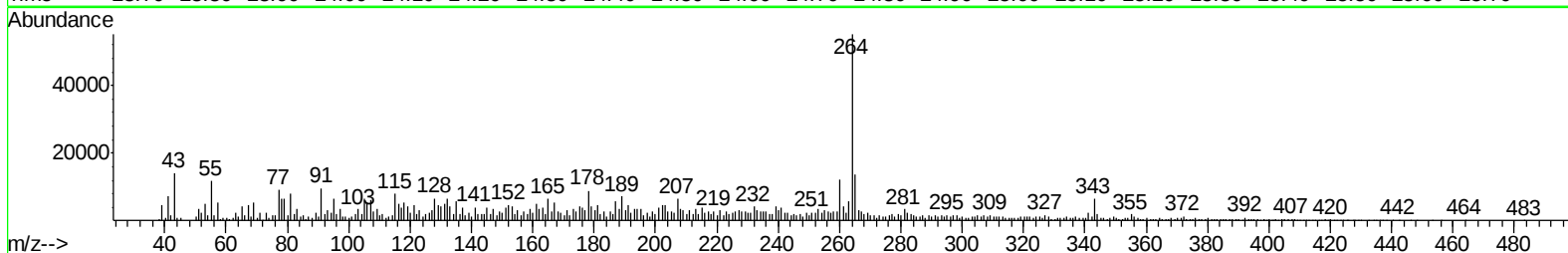
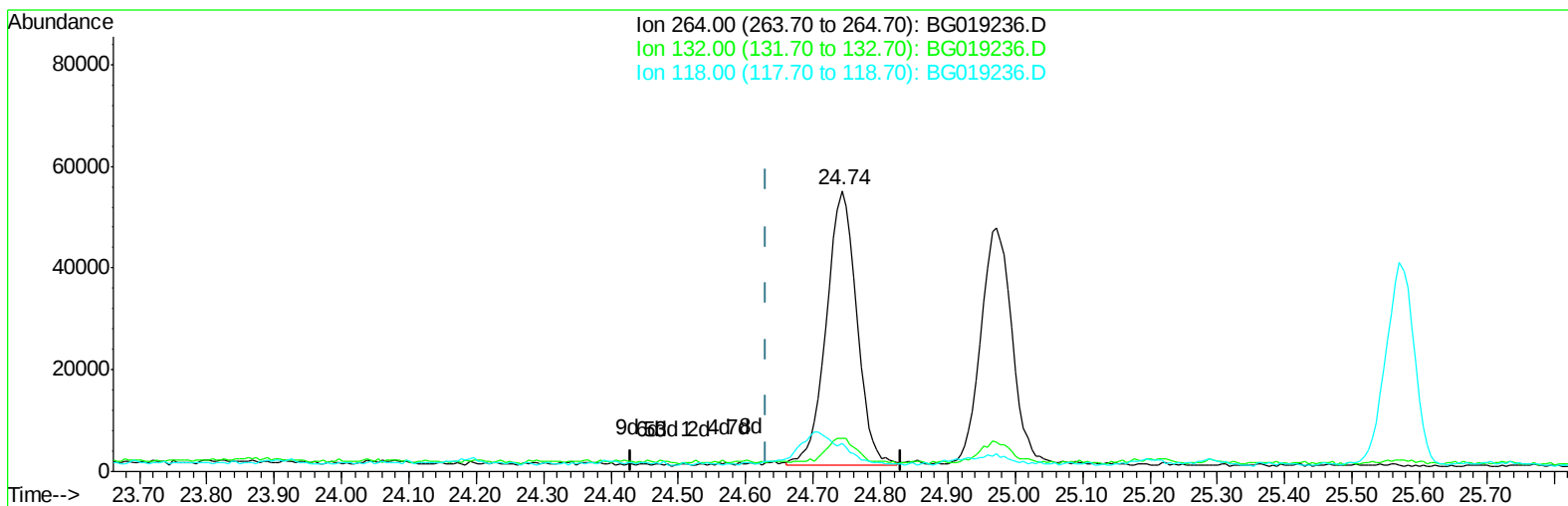
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 07:29:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(90) Benzo(a)pyrene-d12 (S)

24.742min (+0.112) 21.56ng/ul m

response 169074

Ion	Exp%	Act%
264.00	100	100
132.00	15.40	11.72#
118.00	9.00	10.05
0.00	0.00	0.00

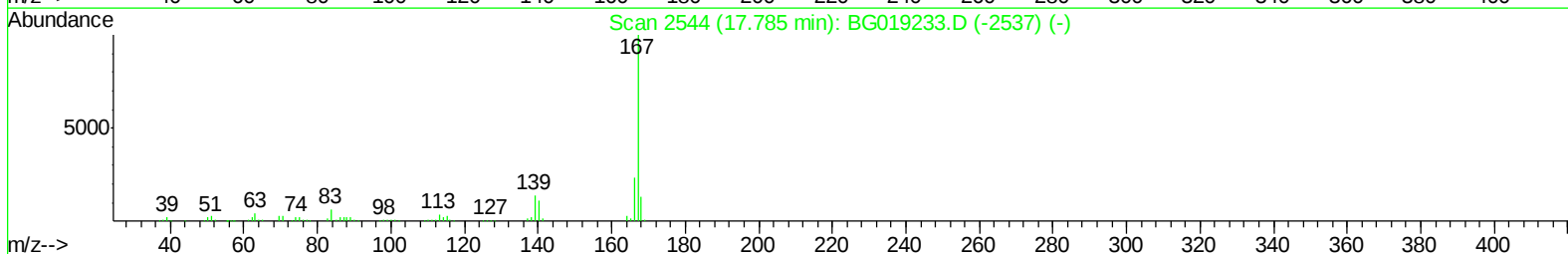
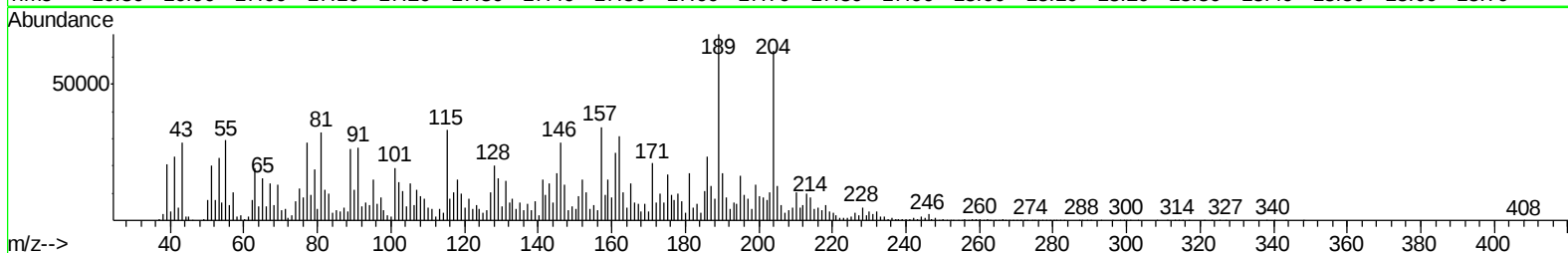
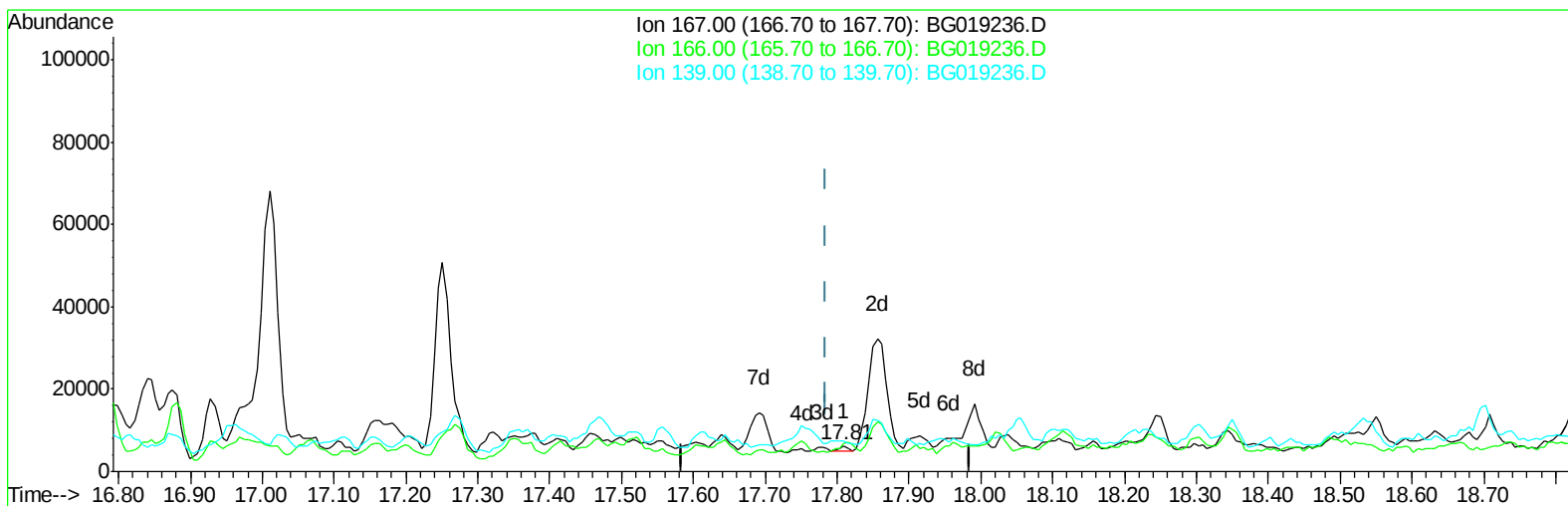
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 07:30:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(75) Carbazole

17.809min (+0.024) 0.19ng/ul

response 1163

Ion	Exp%	Act%
167.00	100	100
166.00	23.20	108.73#
139.00	12.30	116.99#
0.00	0.00	0.00

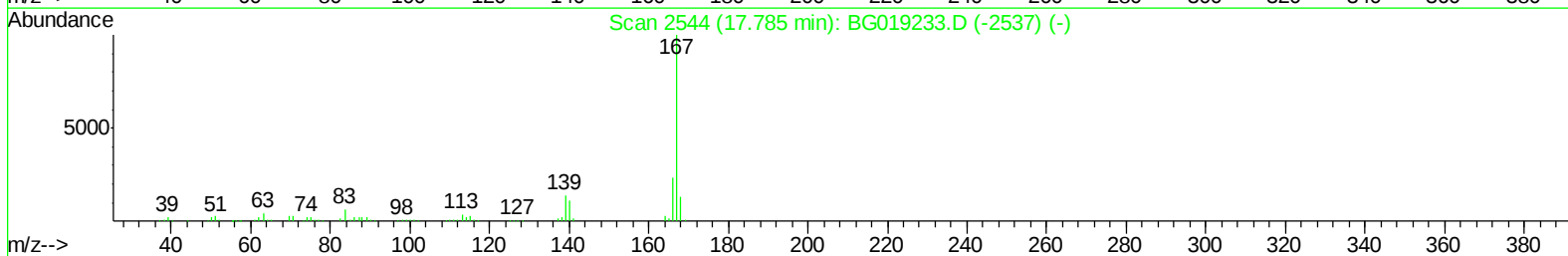
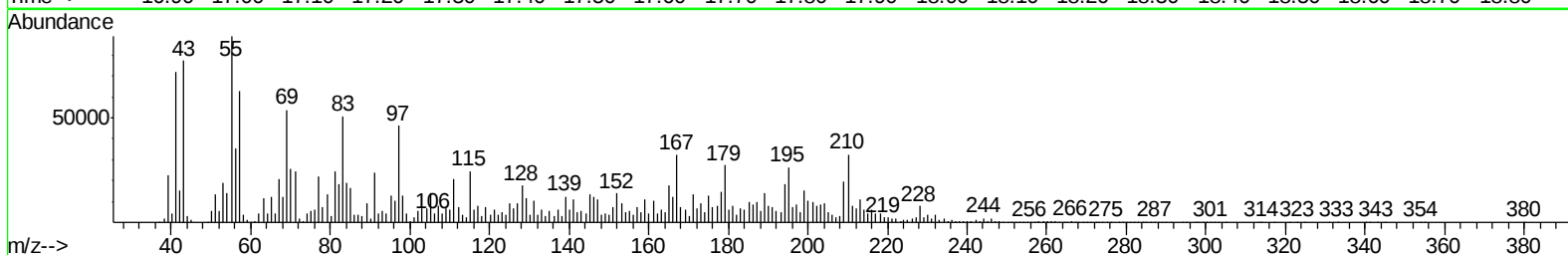
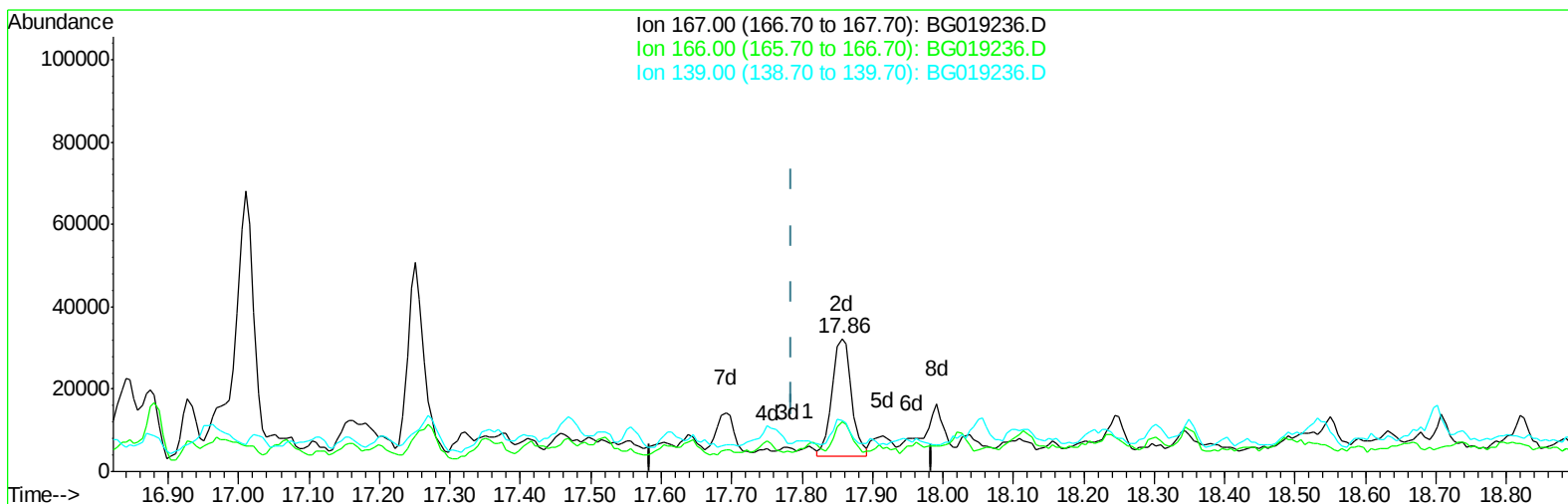
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 07:30:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(75) Carbazole

17.856min (+0.071) 8.93ng/ul m

response 54427

Ion	Exp%	Act%
167.00	100	100
166.00	23.20	37.75#
139.00	12.30	38.76#
0.00	0.00	0.00

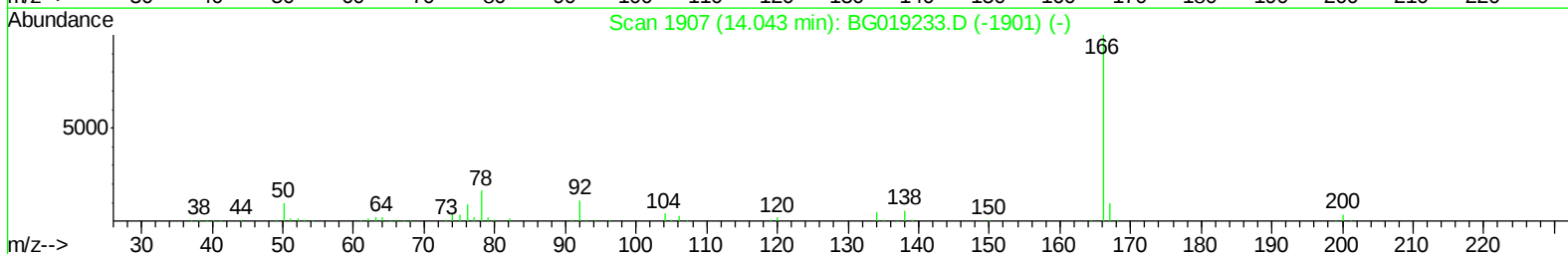
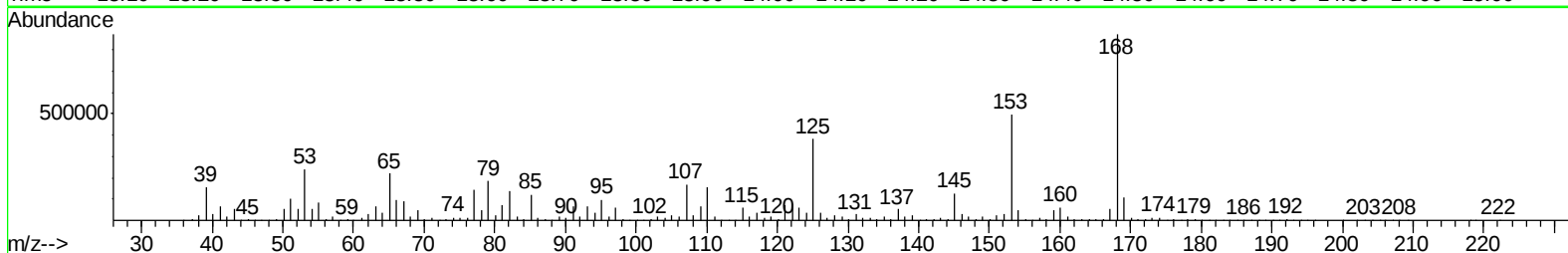
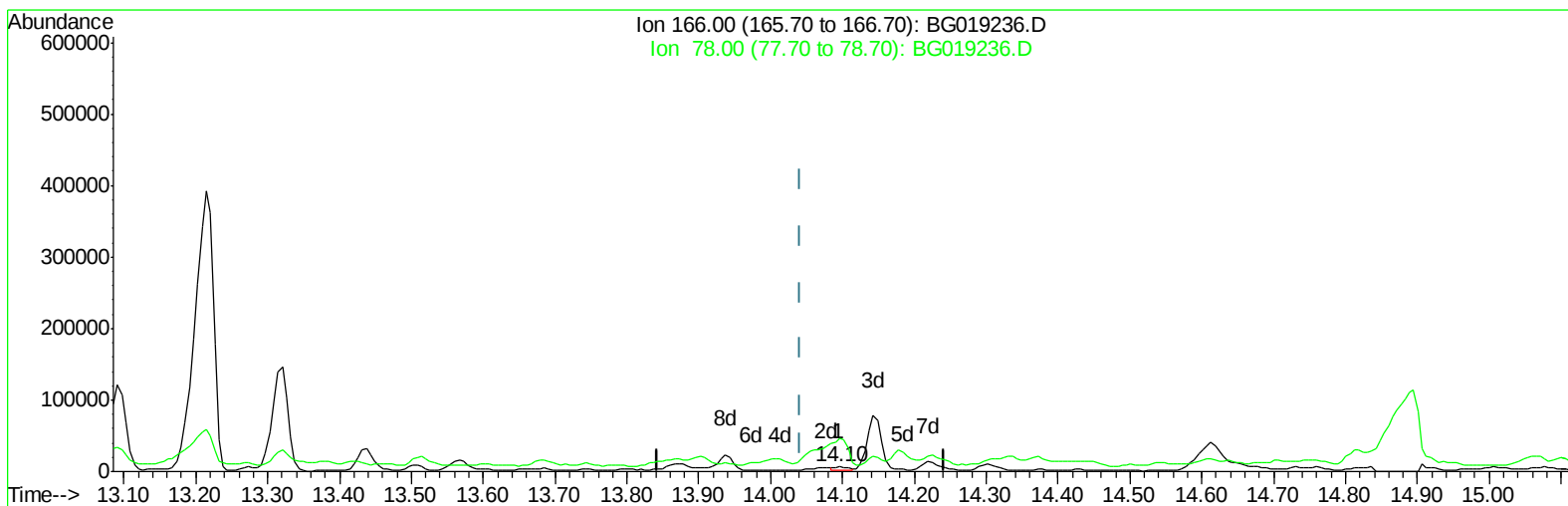
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 03:06:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(44) Dimethylphthalate-d6 (S)

14.096min (+0.053) 1.16ng/ul

response 6570

Ion	Exp%	Act%
166.00	100	100
78.00	16.00	671.28#
0.00	0.00	0.00
0.00	0.00	0.00

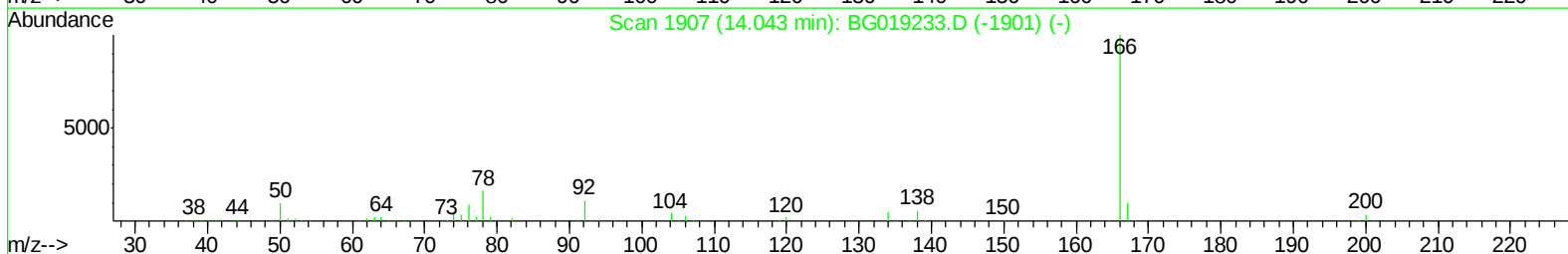
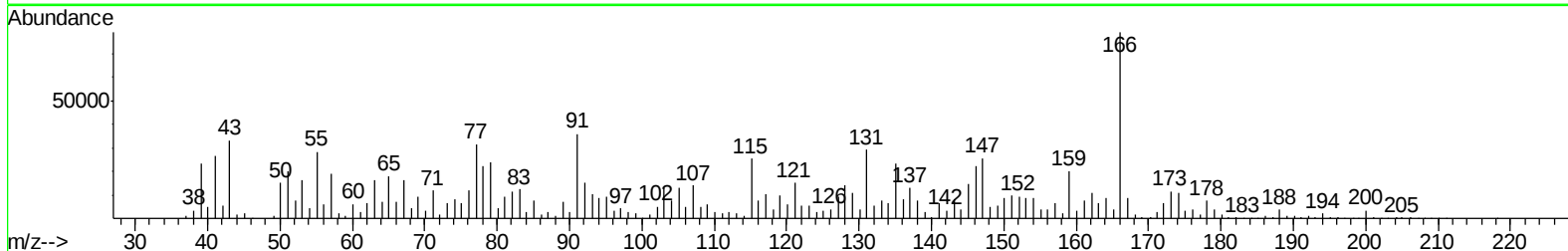
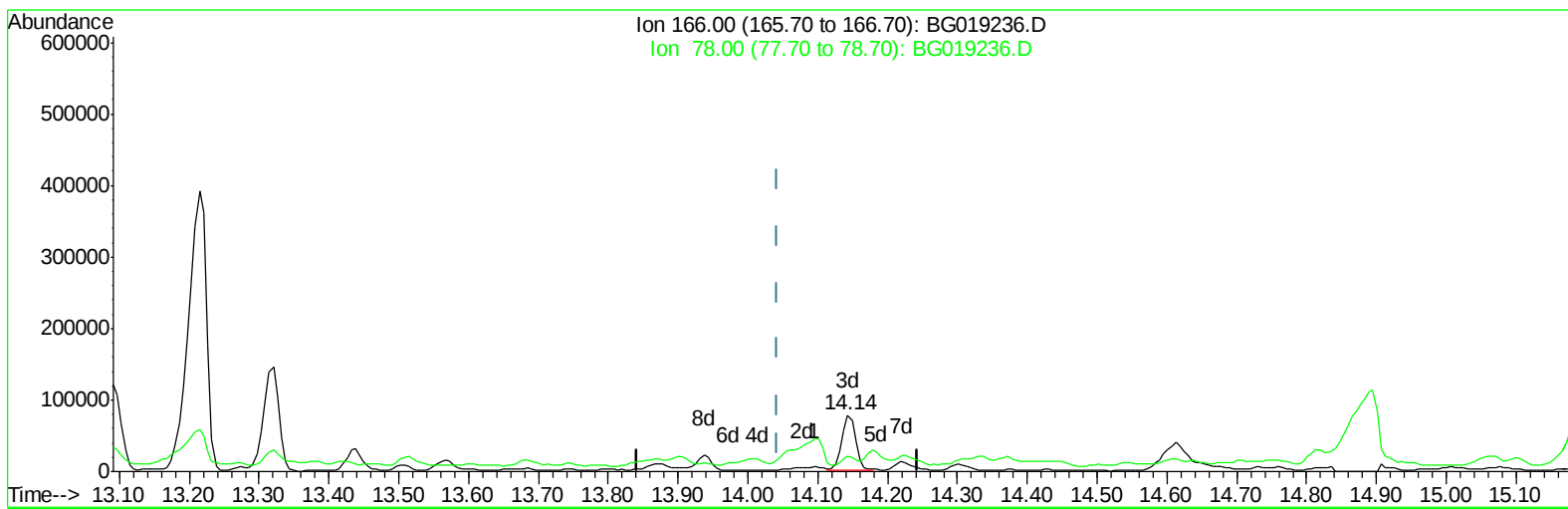
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 03:06:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(44) Dimethylphthalate-d6 (S)

14.143min (+0.100) 18.92ng/ul m

response 106733

Ion	Exp%	Act%
166.00	100	100
78.00	16.00	28.33#
0.00	0.00	0.00
0.00	0.00	0.00

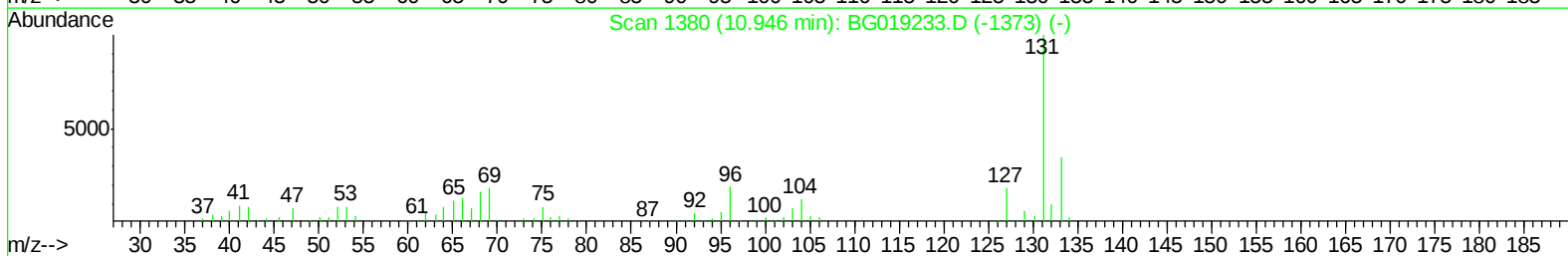
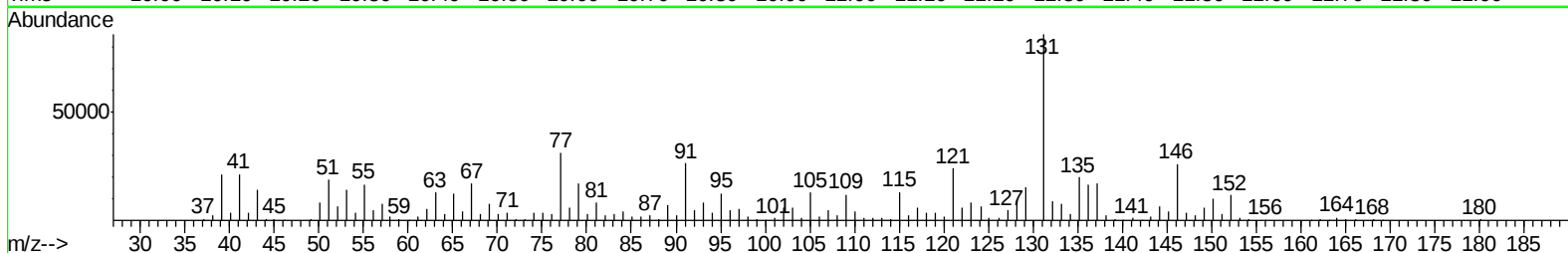
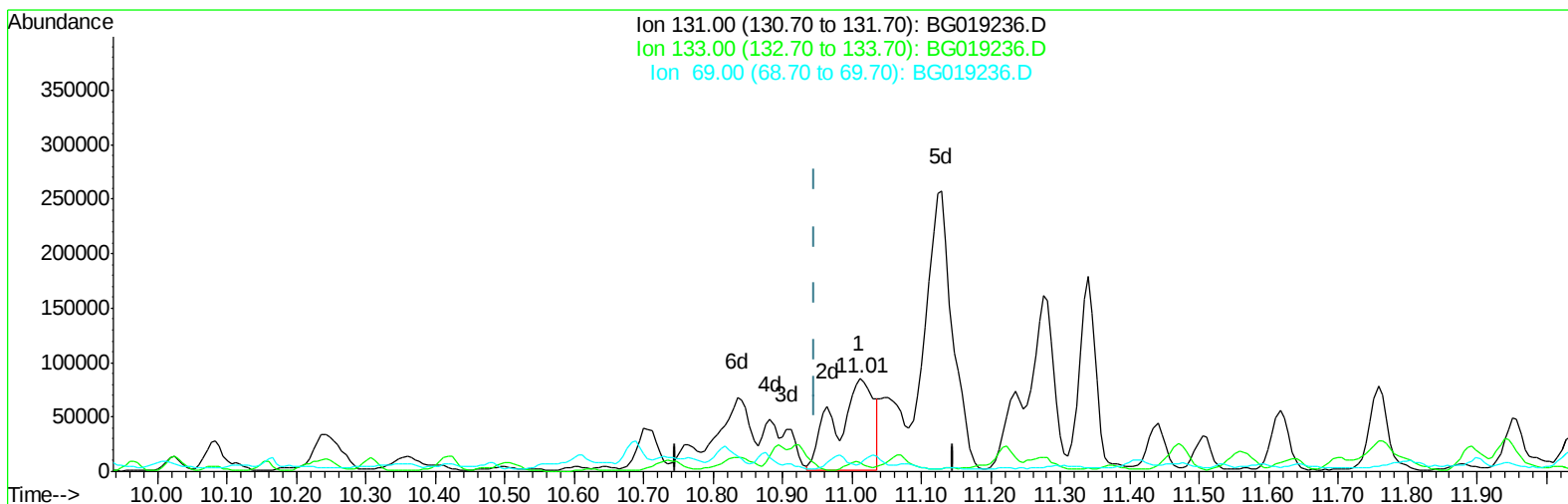
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 08:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(29) 4-Chloroaniline-d4 (S)

11.011min (+0.065) 121.98ng/ul m

response 314541

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	9.00#
69.00	17.00	8.87#
0.00	0.00	0.00

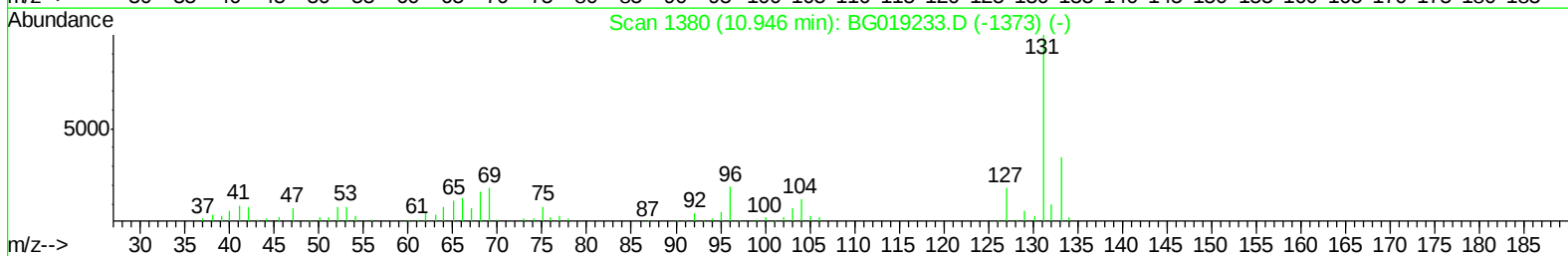
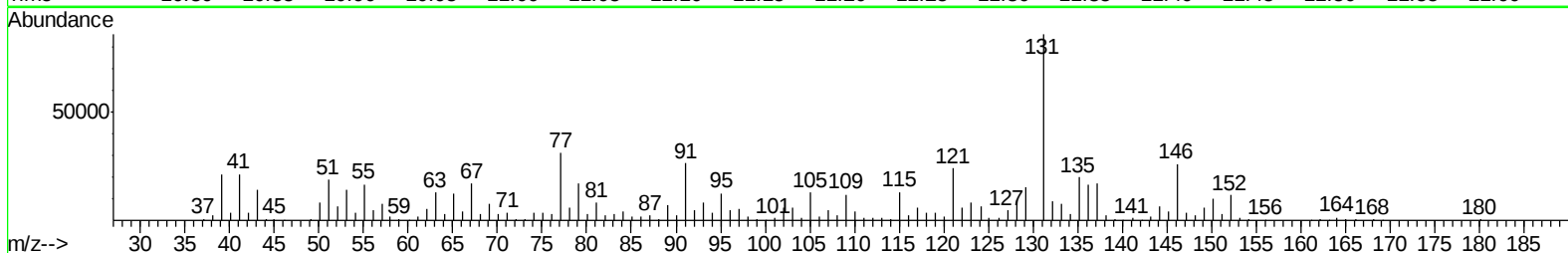
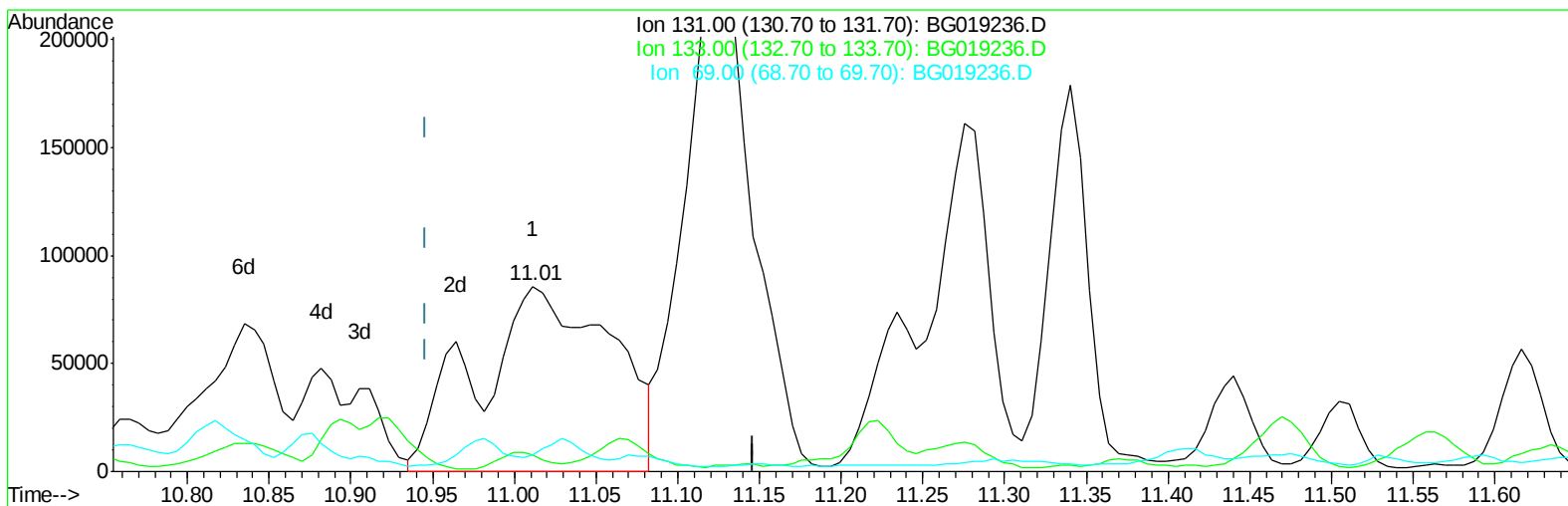
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 08:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



TIC: BG019236.D

(29) 4-Chloroaniline-d4 (S)

11.011min (+0.065) 188.56ng/ul m

response 486226

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	9.00#
69.00	17.00	8.87#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
 Data File : BG019236.D
 Acq On : 16 Oct 2015 23:15
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 6:29:34 PM

Quant Time: Oct 19 15:56:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 00:27:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25767	20.00	ng/ul	0.02
18) Naphthalene-d8	10.86	136	123636	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.68	164	64498	20.00	ng/ul	0.05
62) Phenanthrene-d10	17.43	188	124648	20.00	ng/ul	0.04
78) Chrysene-d12	21.70	240	153441	20.00	ng/ul	0.05
86) Perylene-d12	24.97	264	155224m	20.00	ng/ul	0.12

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	13276	28.69	ng/uL	0.00
5) Phenol-d5	7.23	99	44122	19.62	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.36	67	47094	32.54	ng/ul	0.03
9) 2-Chlorophenol-d4	7.57	132	34988	21.35	ng/ul	0.03
13) 4-Methylphenol-d8	8.70	113	54	0.03	ng/ul	-0.02
19) Nitrobenzene-d5	9.22	128	25250	26.51	ng/ul	0.05
22) 2-Nitrophenol-d4	9.93	143	21495	21.26	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.54	165	37850	18.90	ng/ul	0.11
29) 4-Chloroaniline-d4	11.01	131	486226m	188.56	ng/ul	0.06
44) Dimethylphthalate-d6	14.14	166	106733m	18.92	ng/ul	0.10
47) Acenaphthylene-d8	14.38	160	132431	21.72	ng/ul	0.05
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.68	176	195162	40.48	ng/ul	0.05
63) 4,6-Dinitro-2-methylphenol	15.78	200	319	0.41	ng/ul	0.03
71) Anthracene-d10	17.53	188	133114	22.60	ng/ul	0.05
79) Pyrene-d10	19.81	212	155352	22.32	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.74	264	169074m	21.56	ng/ul	0.11

Target Compounds

						Qvalue
6) Phenol	7.27	94	1349535	576.29	ng/ul#	73
11) 2-Methylphenol	8.55	108	2076255m	1129.58	ng/ul	
14) Acetophenone	8.83	105	133358	41.47	ng/ul#	82
16) 4-Methylphenol	8.95	108	4001457m	1940.40	ng/ul	
24) 2,4-Dimethylphenol	10.12	107	3704754	1423.57	ng/ul	94
28) Naphthalene	10.93	128	2568460	397.44	ng/ul#	92
34) 2-Methylnaphthalene	12.53	142	1368707	267.18	ng/ul	99
35) 1-Methylnaphthalene	12.74	142	857328	170.89	ng/ul#	97
41) 1,1'-Biphenyl	13.52	154	420380	83.48	ng/ul	94
42) 2-Chloronaphthalene	13.51	162	40706	10.46	ng/ul	96
48) Acenaphthylene	14.41	152	184664	27.46	ng/ul#	83
50) Acenaphthene	14.75	153	127529	28.32	ng/ul	93
54) Dibenzofuran	15.09	168	579700	91.09	ng/ul#	83
59) Fluorene	15.74	166	417656	76.68	ng/ul#	95
70) Phenanthrene	17.47	178	737512	105.97	ng/ul	93
72) Anthracene	17.56	178	169228	23.93	ng/ul#	92
75) Carbazole	17.86	167	54427m	8.93	ng/ul	
77) Fluoranthene	19.48	202	216216	24.82	ng/ul	96
80) Pyrene	19.84	202	239381	26.29	ng/ul#	91
83) Benzo(a)anthracene	21.68	228	61888	7.14	ng/ul#	69
85) Chrysene	21.75	228	67963	8.29	ng/ul#	69

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
Acq On : 16 Oct 2015 23:15
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

MMdadoda
10/19/2015 6:29:34 PM

Quant Time: Oct 19 15:56:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101615\
Data File : BG019236.D
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Operator : UM/NP
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Manual Integrations
APPROVED

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10/19/2015 6:29:34 PM

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