

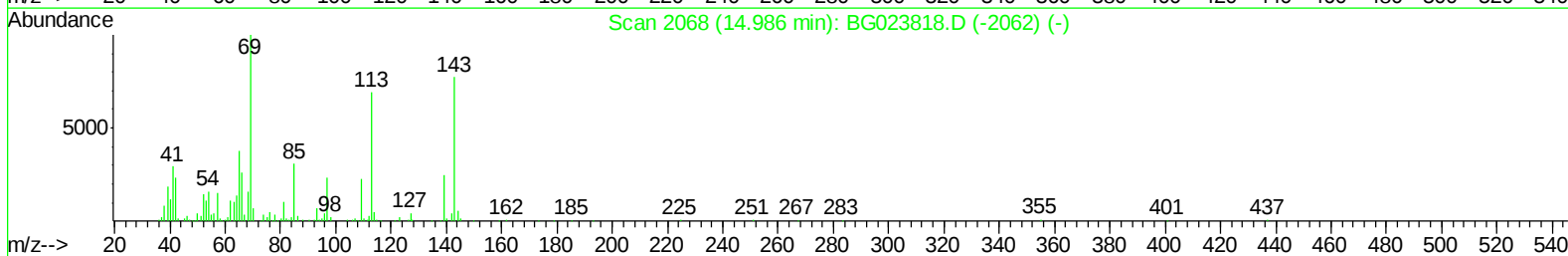
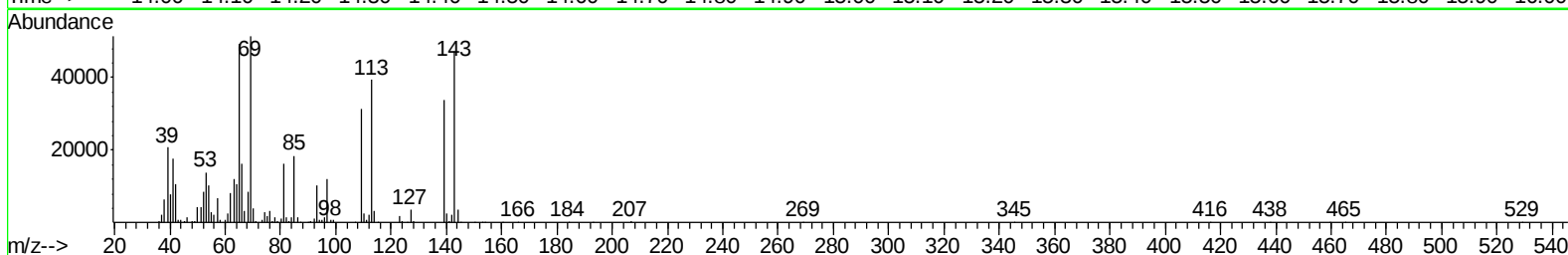
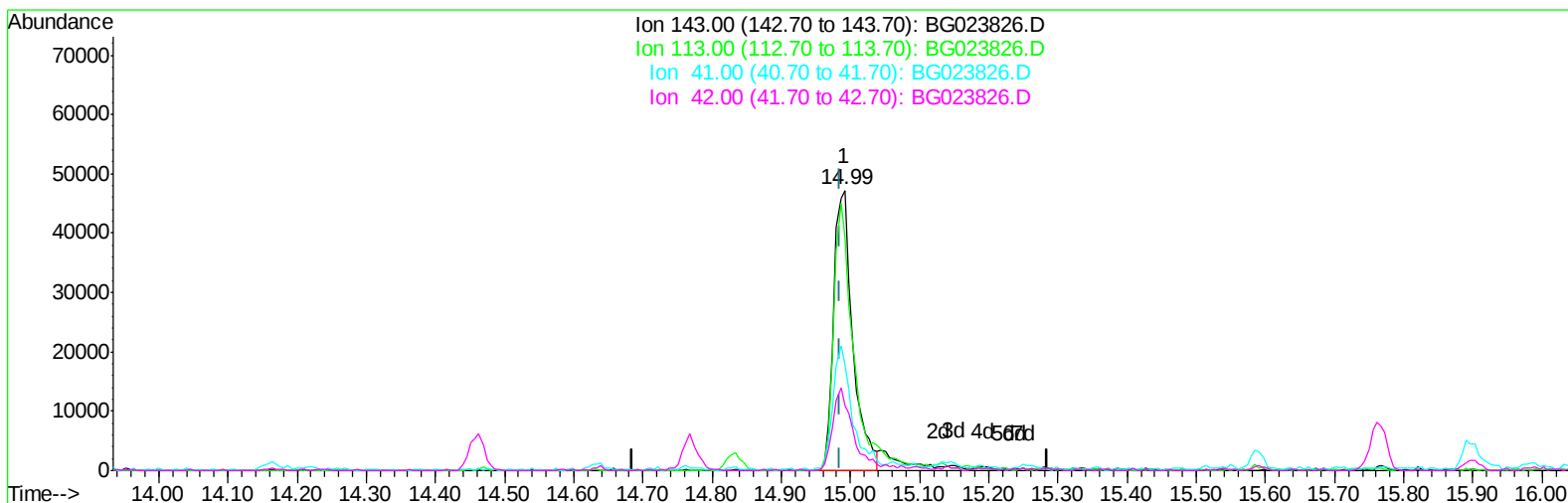
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023826.D
Acq On : 20 Aug 2016 20:58
Operator : UM/SJ
Sample : H4533-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF01-01MSD

Manual Integrations
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8/22/2016 3:55:03 PM

Quant Time: Aug 22 04:56:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023826.D

(51) 4-Nitrophenol-d4 (S)

14.992min (+0.006) 22.92ng/ul

response 91075

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	83.36#
41.00	26.90	37.82#
42.00	16.10	23.01#

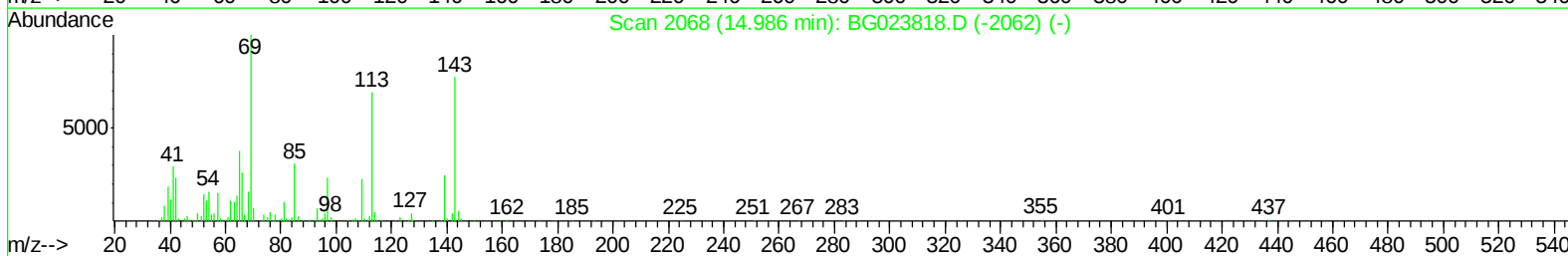
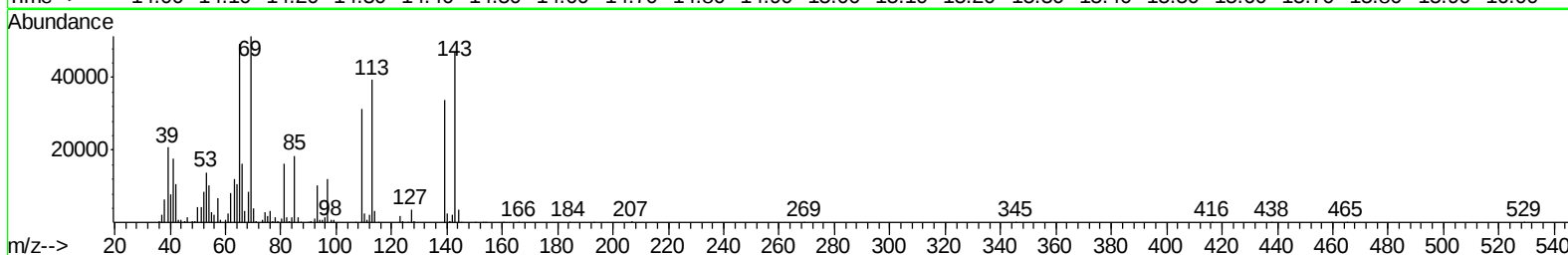
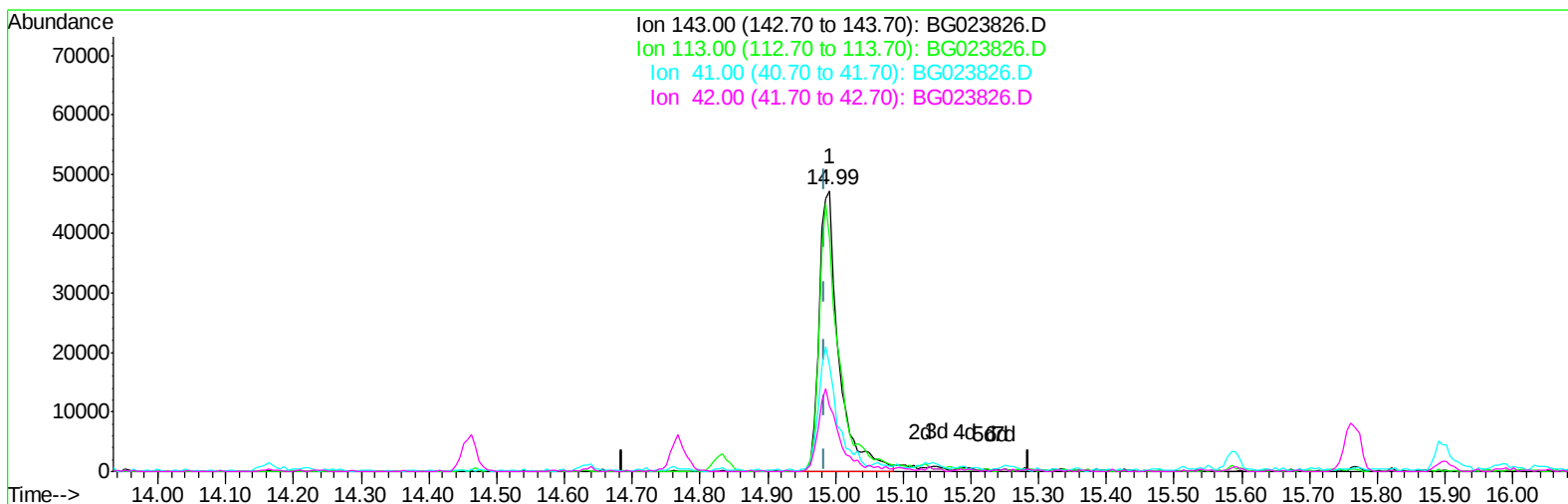
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Data File : BG023826.D
Acq On : 20 Aug 2016 20:58
Operator : UM/SJ
Sample : H4533-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG023826.D

(51) 4-Nitrophenol-d4 (S)

14.992min (+0.006) 24.34ng/ul m

response 96740

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	83.36#
41.00	26.90	37.82#
42.00	16.10	23.01#

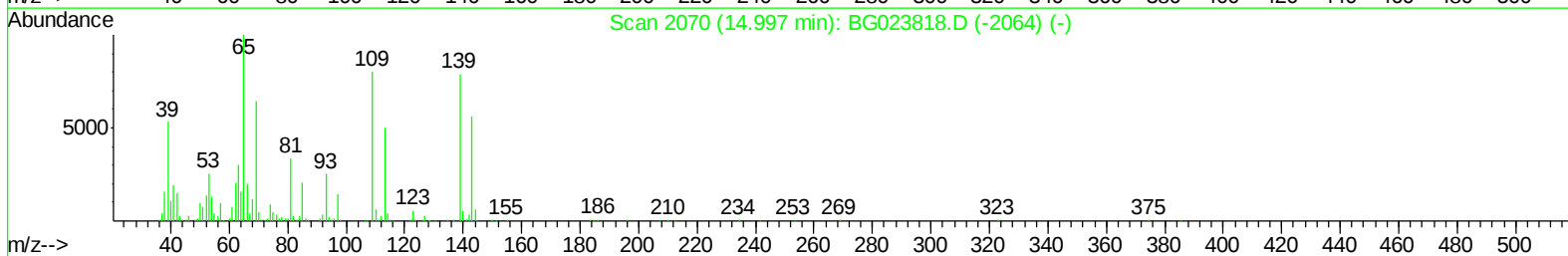
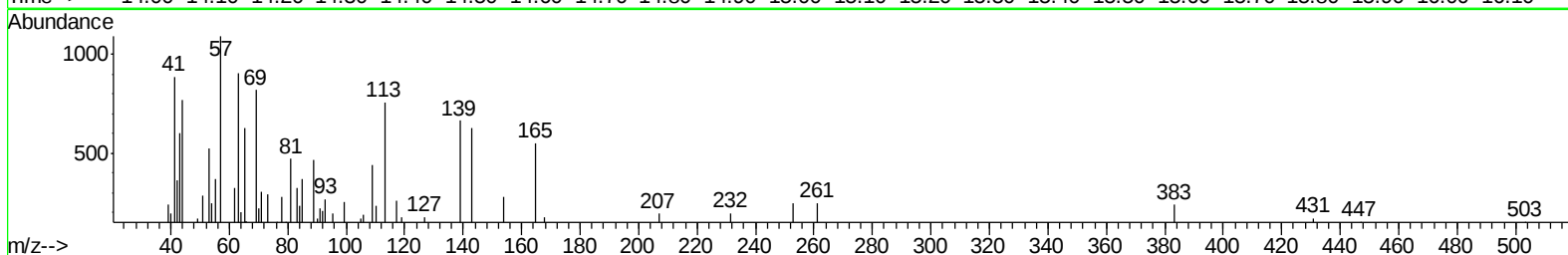
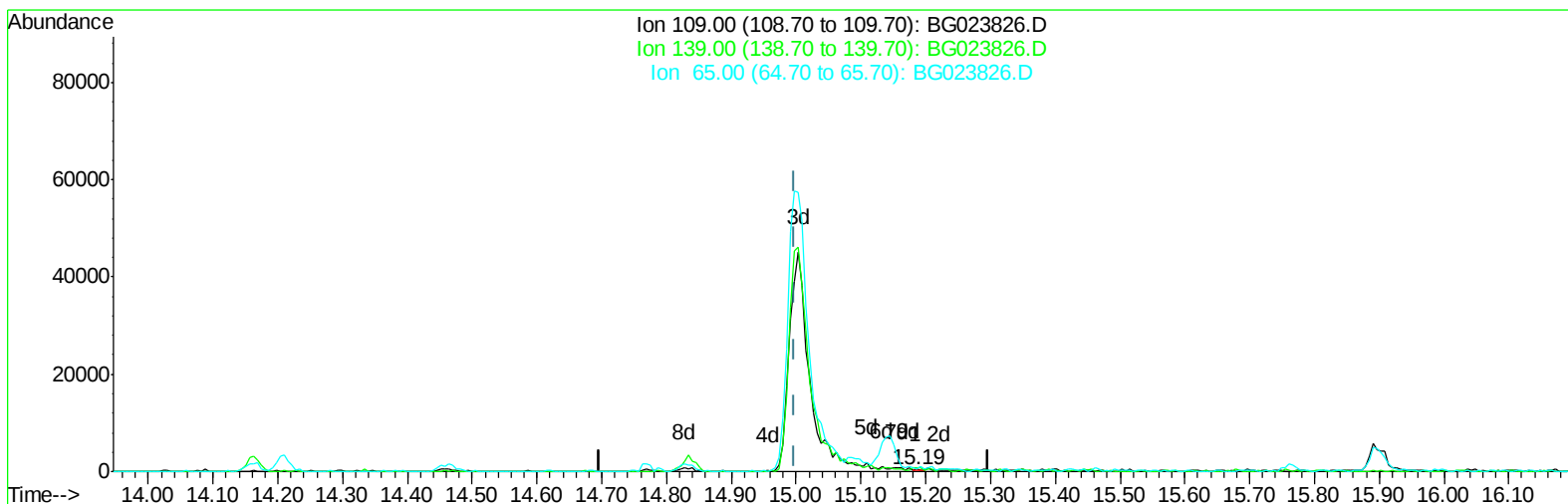
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023826.D
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Operator : UM/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG023826.D

(52) 4-Nitrophenol

15.185min (+0.188) 0.02ng/ul

response 95

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	151.95
65.00	132.50	143.02
0.00	0.00	0.00

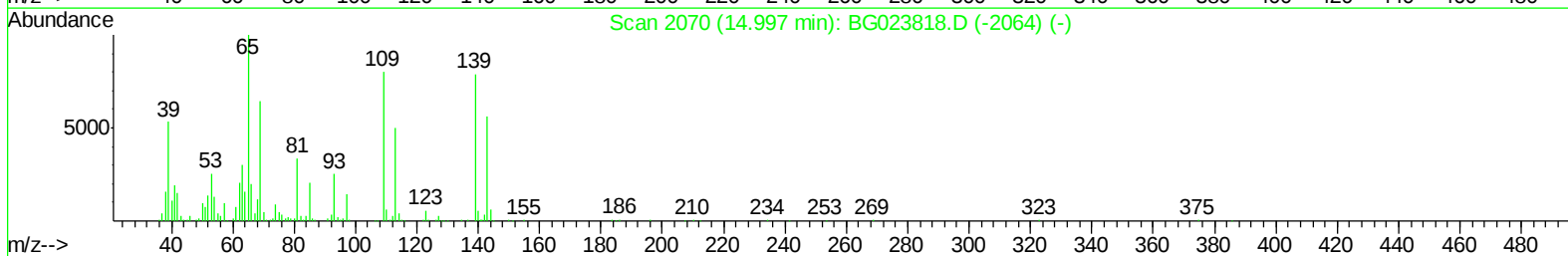
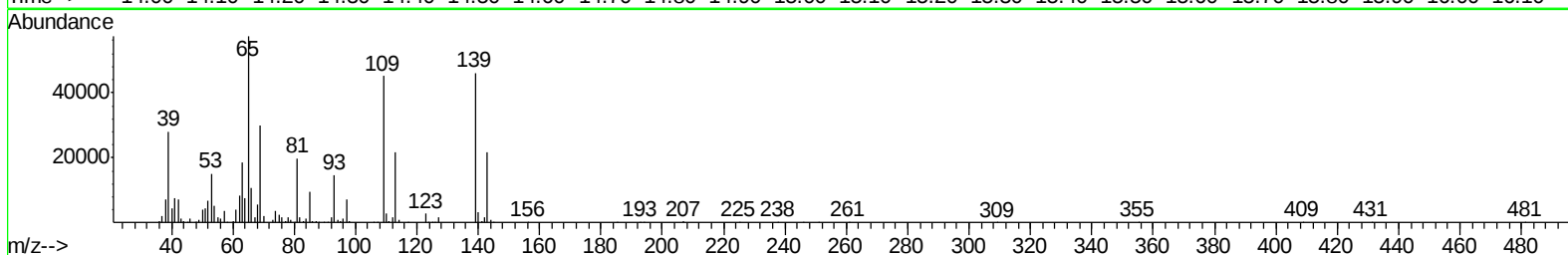
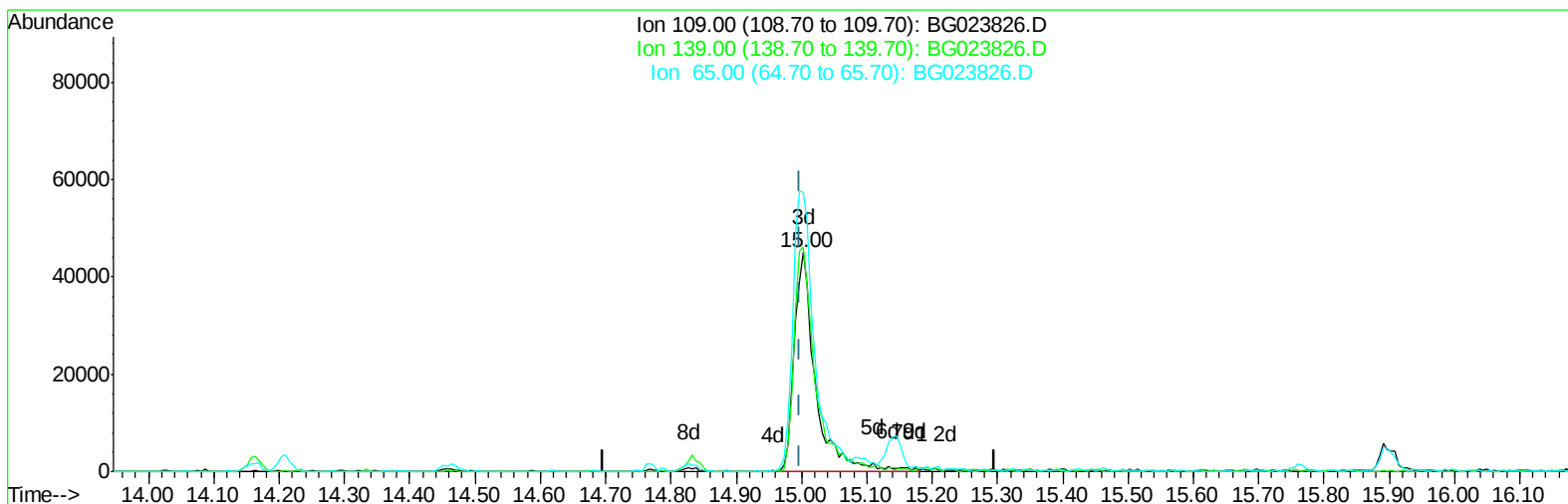
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023826.D
Acq On : 20 Aug 2016 20:58
Operator : UM/SJ
Sample : H4533-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF01-01MSD

Manual Integrations
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Quant Time: Aug 22 04:56:49 2016
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Response via : Initial Calibration



TIC: BG023826.D

(52) 4-Nitrophenol

15.003min (+0.006) 25.53ng/ul m

response 101913

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	102.31#
65.00	132.50	127.27
0.00	0.00	0.00

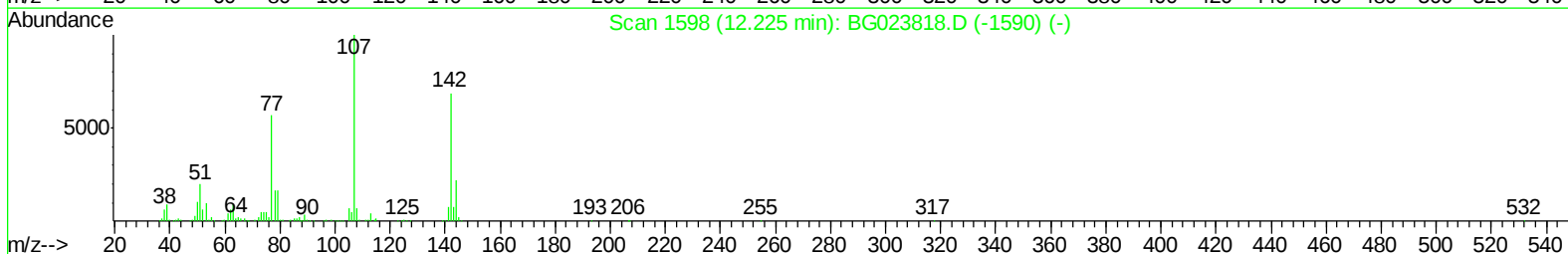
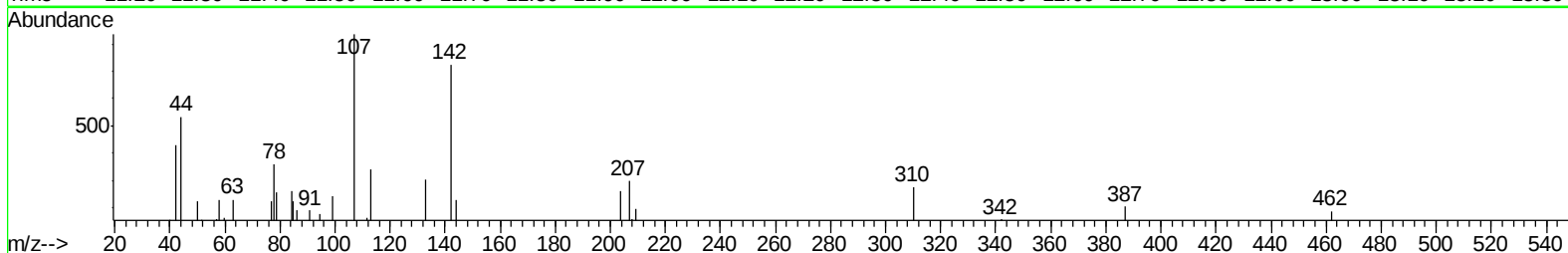
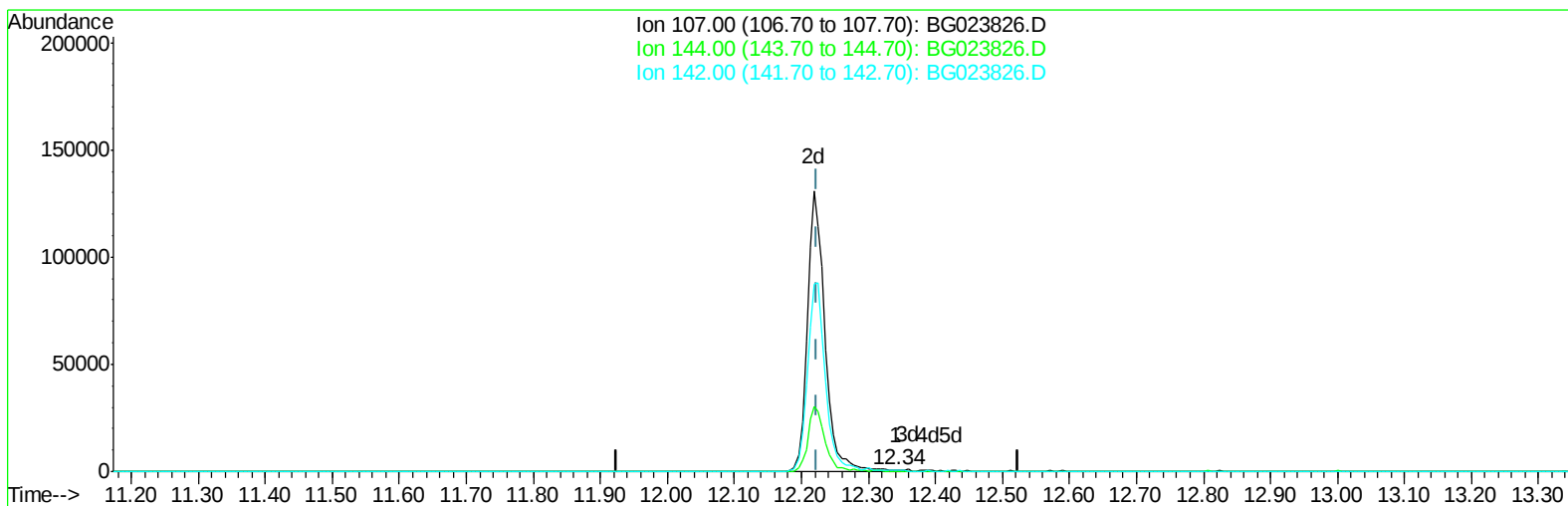
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023826.D
Acq On : 20 Aug 2016 20:58
Operator : UM/SJ
Sample : H4533-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF01-01MSD

Manual Integrations
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Quant Time: Aug 22 05:25:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023826.D

(33) 4-Chloro-3-methylphenol (C)

12.342min (+0.118) 0.07ng/ul

response 699

Ion	Exp%	Act%
107.00	100	100
144.00	28.40	27.15
142.00	89.50	86.60
0.00	0.00	0.00

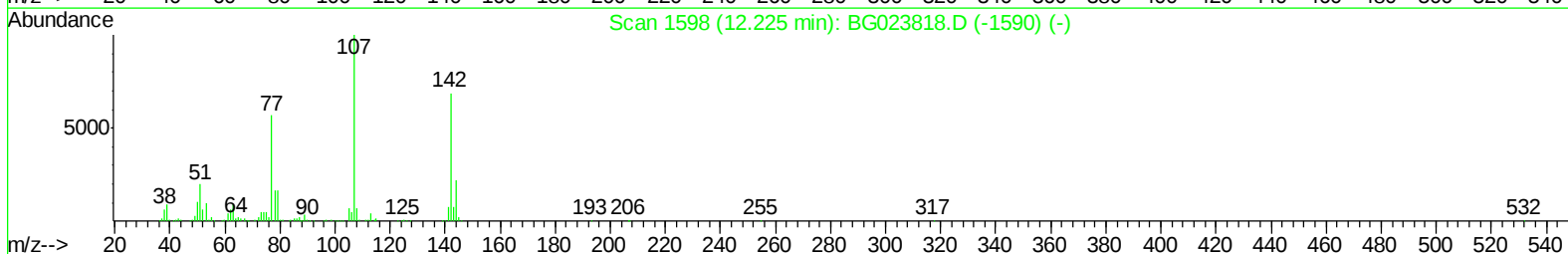
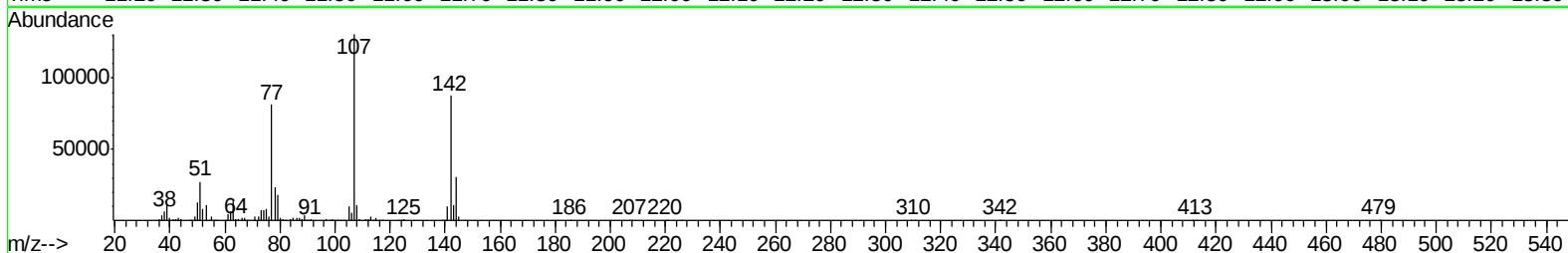
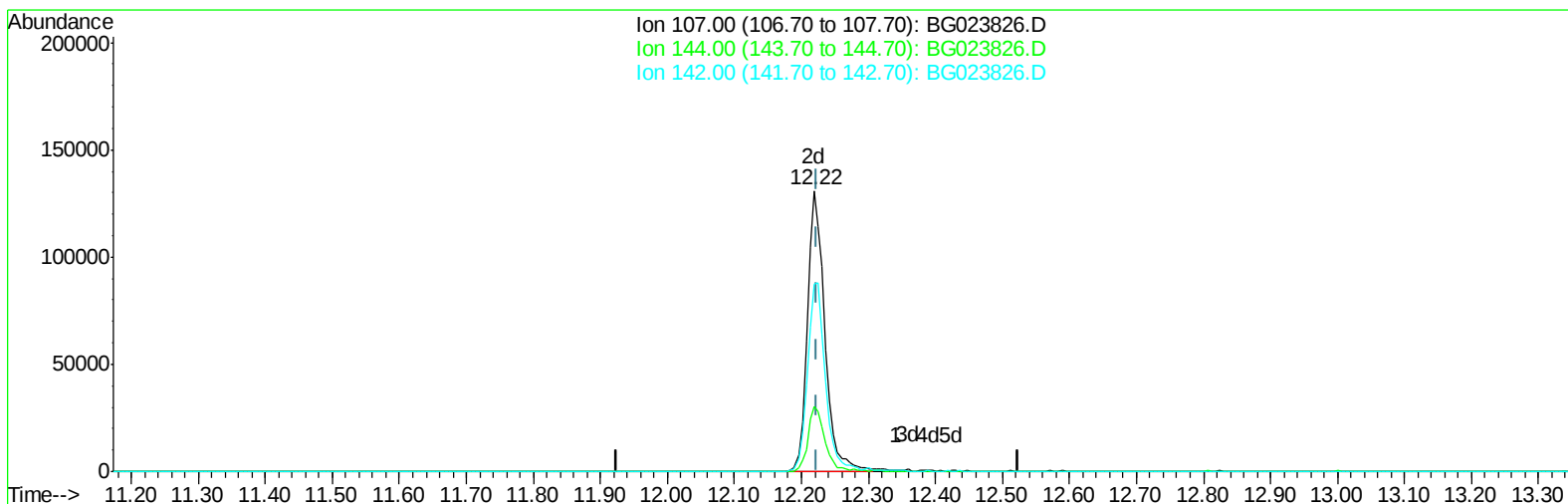
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023826.D
Acq On : 20 Aug 2016 20:58
Operator : UM/SJ
Sample : H4533-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BF01-01MSD

Manual Integrations
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Quant Time: Aug 22 05:25:18 2016
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Response via : Initial Calibration



TIC: BG023826.D

(33) 4-Chloro-3-methylphenol (C)

12.219min (-0.006) 25.23ng/ul m

response 240765

Ion	Exp%	Act%
107.00	100	100
144.00	28.40	23.19
142.00	89.50	66.89#
0.00	0.00	0.00

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 Acq On : 20 Aug 2016 20:58
 Operator : UM/SJ
 Sample : H4533-07MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF01-01MSD

Manual Integrations
 APPROVED

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Quant Time: Aug 22 05:26:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 04:56:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	464458	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	296631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	666679	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	735467	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	716128	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	11860	4.92	ng/uL	0.00
5) Phenol-d5	7.25	99	279273	27.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	188396	26.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	197458	27.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	205568	25.64	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	101902	27.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	116492	27.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	197295	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	258965	27.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	640921	26.06	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	744062	26.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	96740m	24.34	ng/ul	0.00
57) Fluorene-d10	15.77	176	566839	26.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	95026	22.49	ng/ul	0.00
70) Anthracene-d10	17.63	188	836774	27.22	ng/ul	0.00
76) Pyrene-d10	19.93	212	979351	27.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	897017	27.36	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.28	94	302150	28.76	ng/ul#	74
10) 2-Chlorophenol	7.65	128	189959	25.59	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.90	70	203910	25.26	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.22	107	240765m	25.23	ng/ul	
44) Dimethylphthalate	14.21	163	405149	16.48	ng/ul	98
49) Acenaphthene	14.83	153	509237	26.21	ng/ul	95
52) 4-Nitrophenol	15.00	109	101913m	25.53	ng/ul	
54) 2,4-Dinitrotoluene	15.14	165	191388	24.95	ng/ul#	77
68) Pentachlorophenol	17.19	266	98323	27.43	ng/ul	91
77) Pyrene	19.95	202	1147219	26.39	ng/ul	93

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

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Manual Integrations
APPROVED

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