

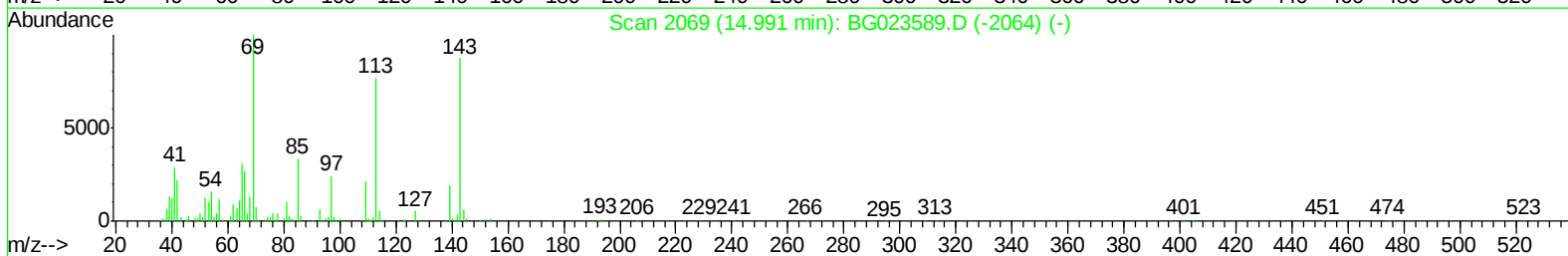
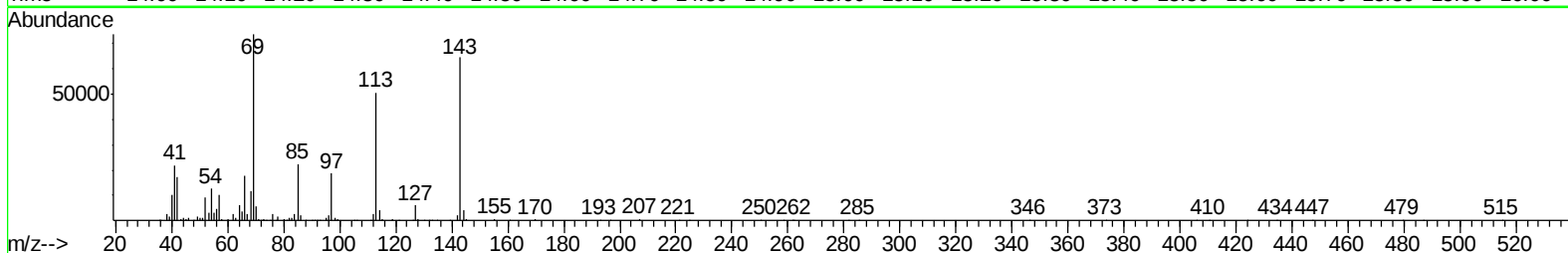
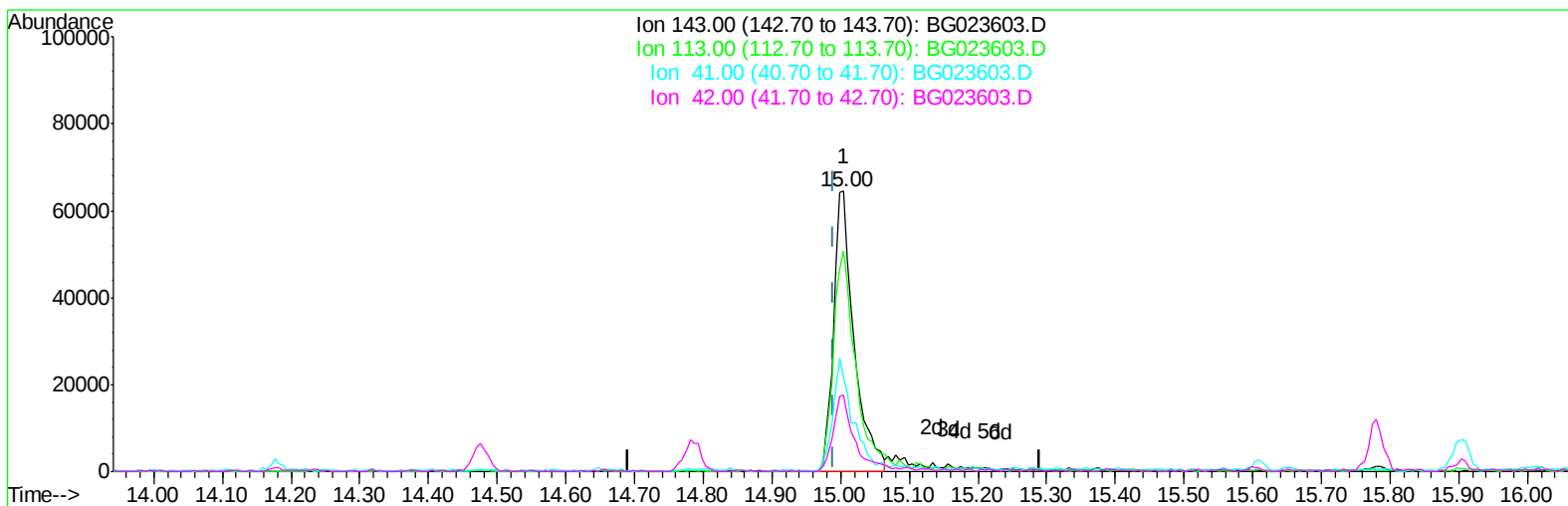
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023603.D
Acq On : 10 Aug 2016 21:56
Operator : UM/SJ
Sample : H4384-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS002-1218-01

Quant Time: Aug 11 04:00:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023603.D

(51) 4-Nitrophenol-d4 (S)
15.004min (+0.013) 21.18ng/ul
response 134573

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	78.61#
41.00	26.90	33.77#
42.00	16.10	27.08#

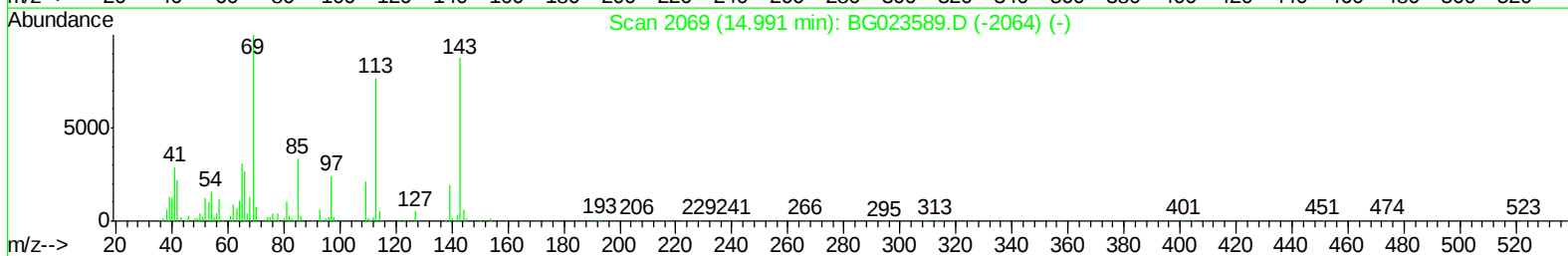
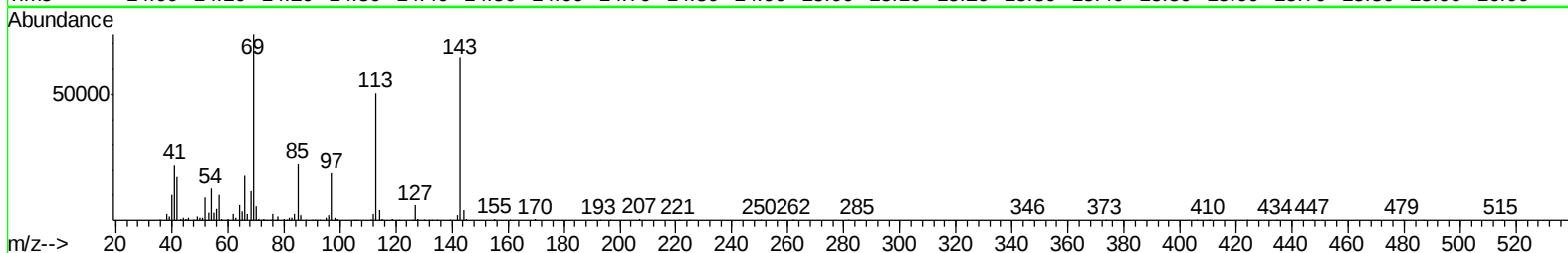
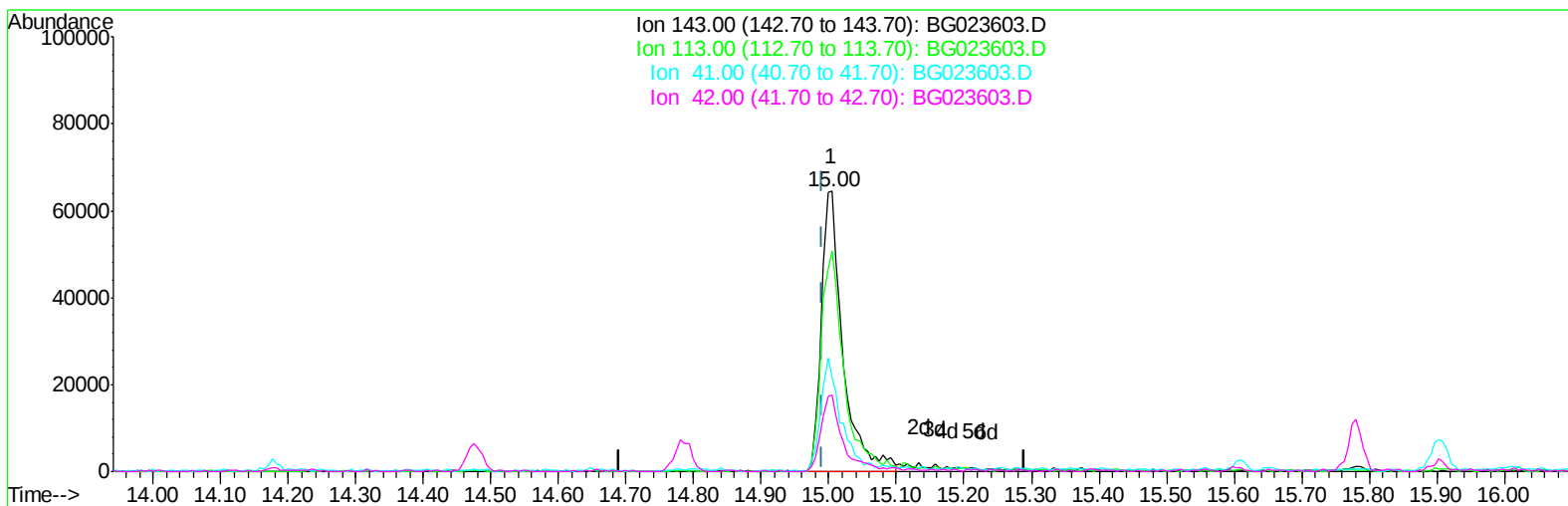
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023603.D
Acq On : 10 Aug 2016 21:56
Operator : UM/SJ
Sample : H4384-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 11 04:00:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023603.D

(51) 4-Nitrophenol-d4 (S)

15.004min (+0.013) 22.13ng/ul m

response 140622

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	78.61#
41.00	26.90	33.77#
42.00	16.10	27.08#

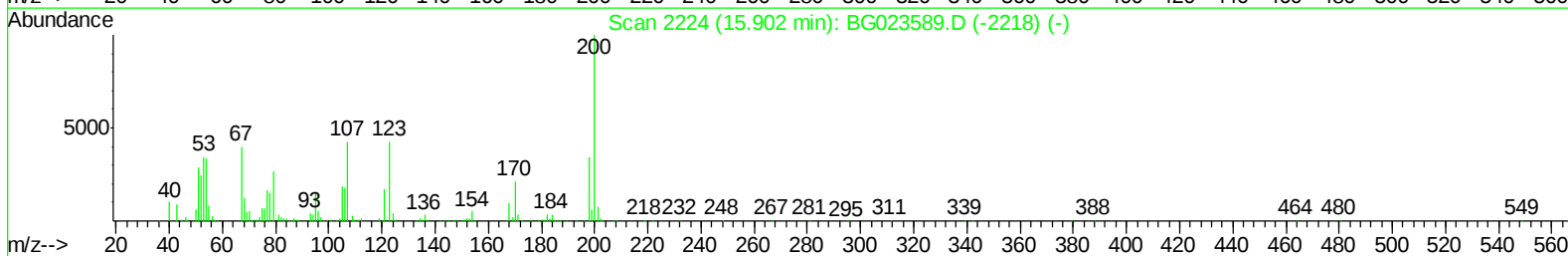
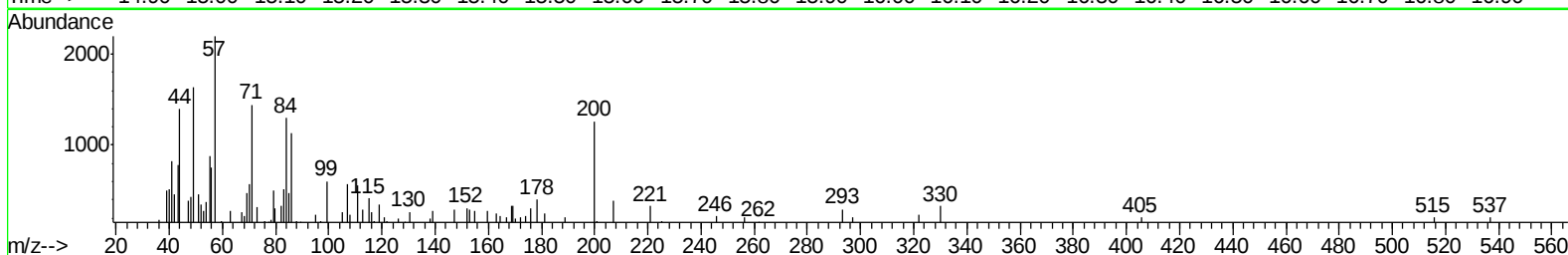
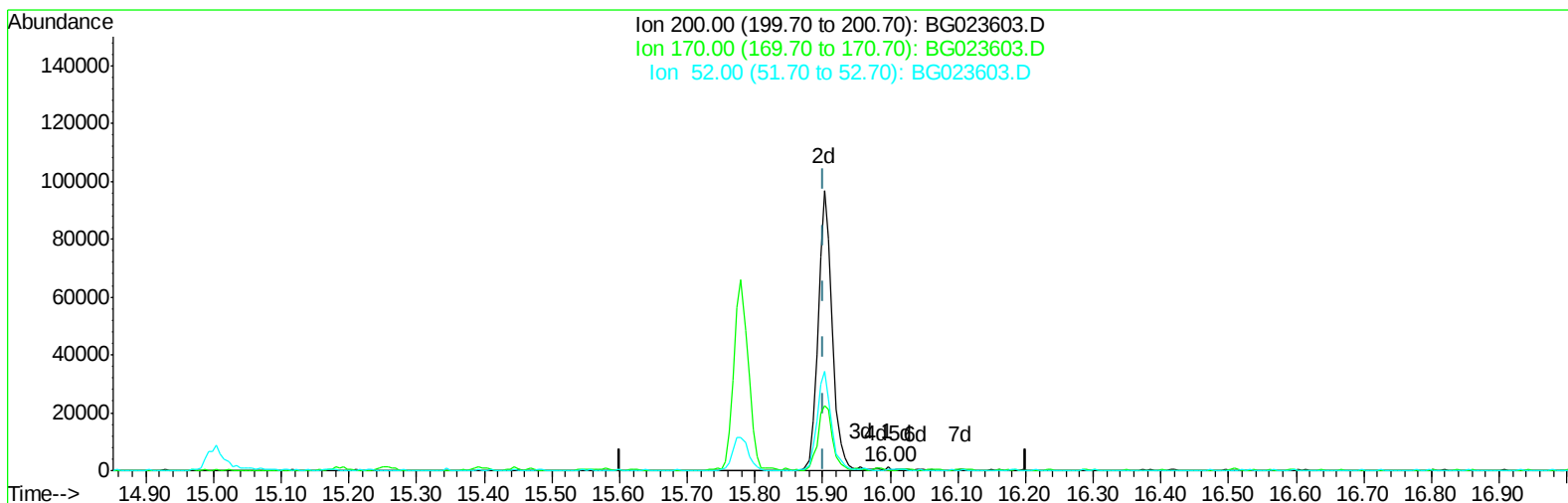
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023603.D
Acq On : 10 Aug 2016 21:56
Operator : UM/SJ
Sample : H4384-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS002-1218-01

Quant Time: Aug 11 04:00:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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Manual Integrations
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TIC: BG023603.D

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

15.997min (+0.095) 0.07ng/ul

response 515

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	15.00
52.00	32.20	27.06
0.00	0.00	0.00

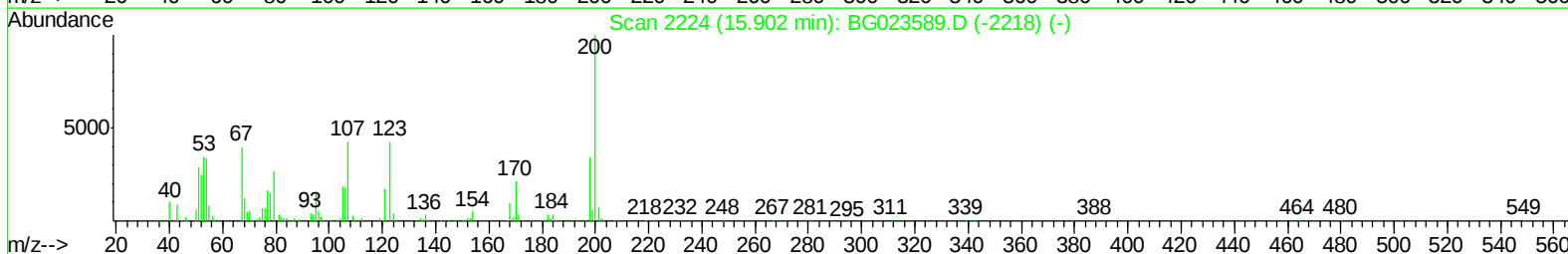
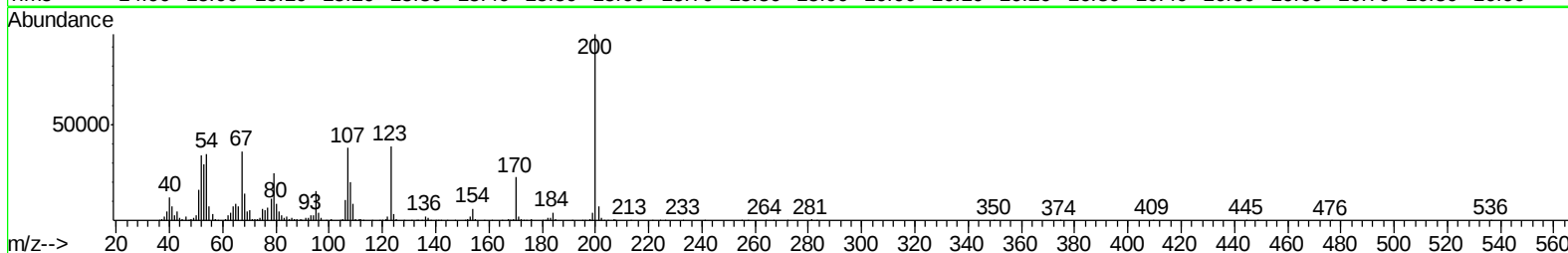
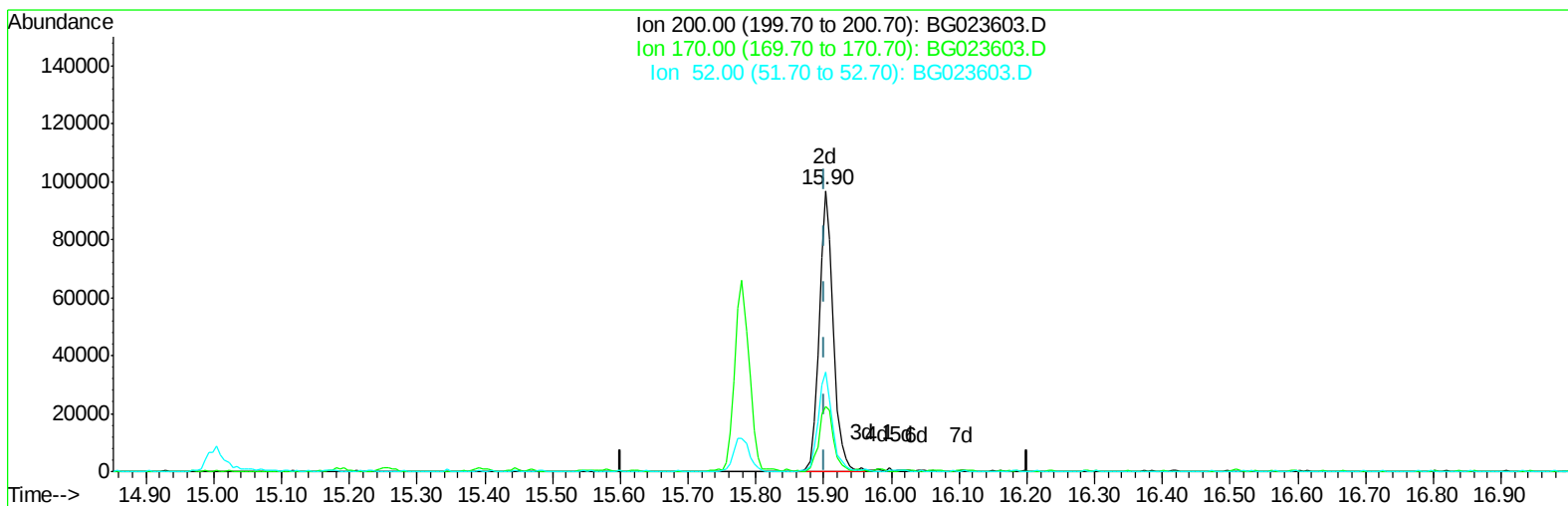
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023603.D
Acq On : 10 Aug 2016 21:56
Operator : UM/SJ
Sample : H4384-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 11 04:00:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC: BG023603.D

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

15.903min (+0.001) 19.22ng/ul m

response 141441

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	23.09#
52.00	32.20	35.25
0.00	0.00	0.00

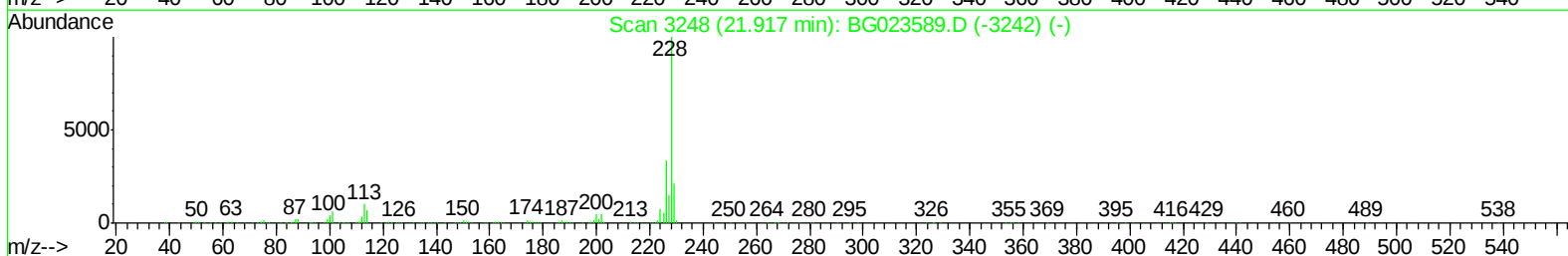
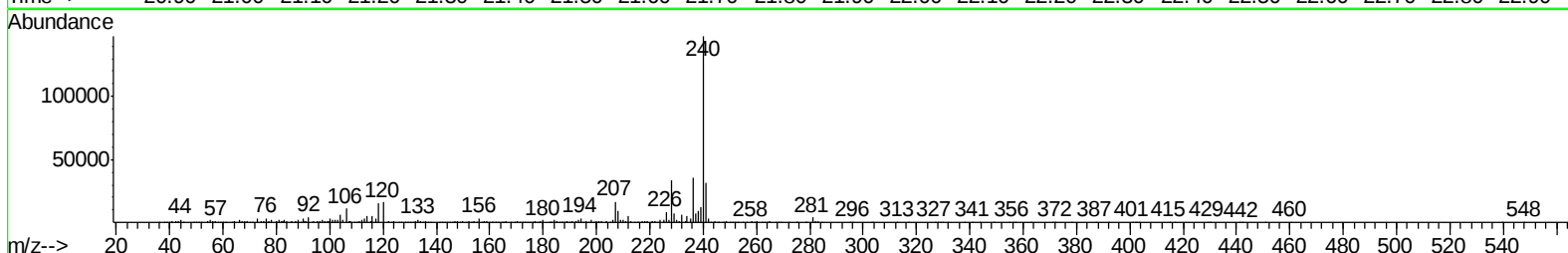
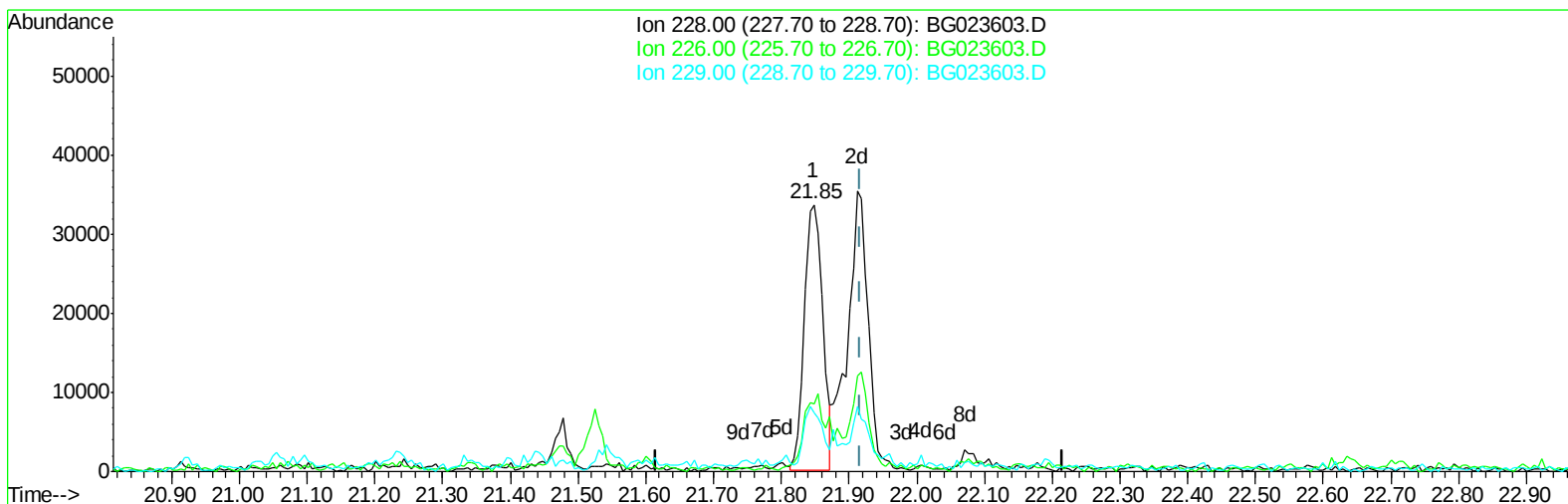
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023603.D
Acq On : 10 Aug 2016 21:56
Operator : UM/SJ
Sample : H4384-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 11 05:18:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023603.D

(82) Chrysene

21.848min (-0.069) 0.98ng/ul

response 62936

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	25.43
229.00	18.80	21.95
0.00	0.00	0.00

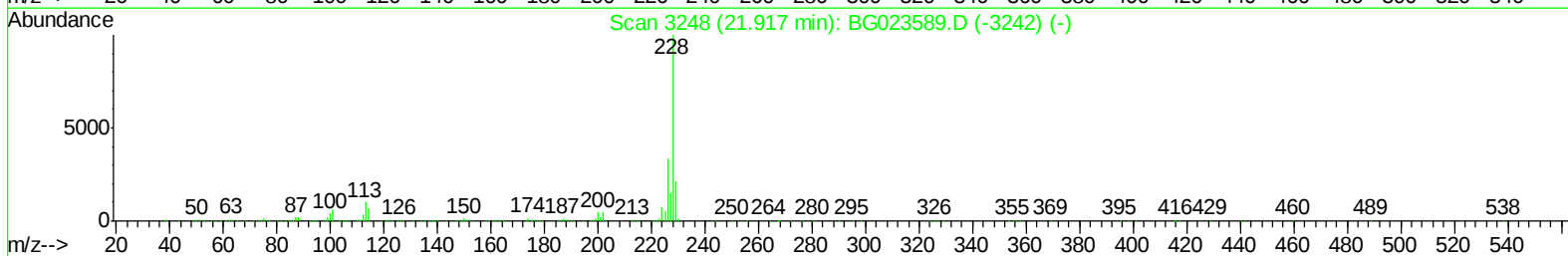
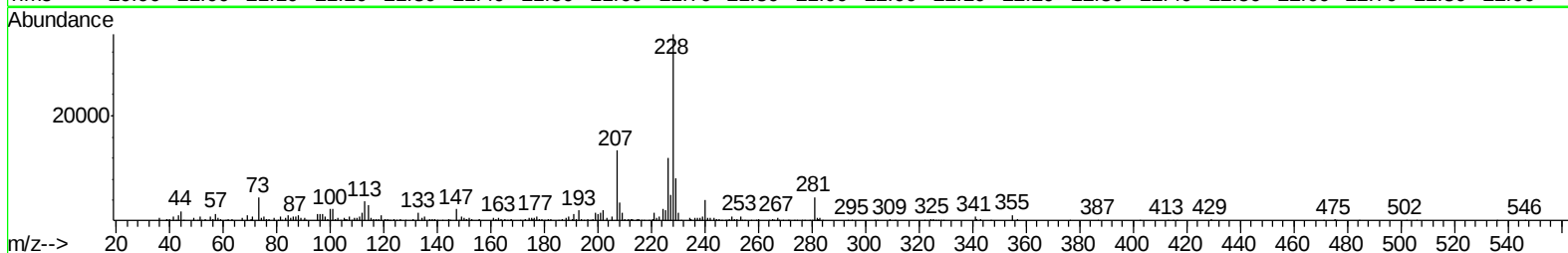
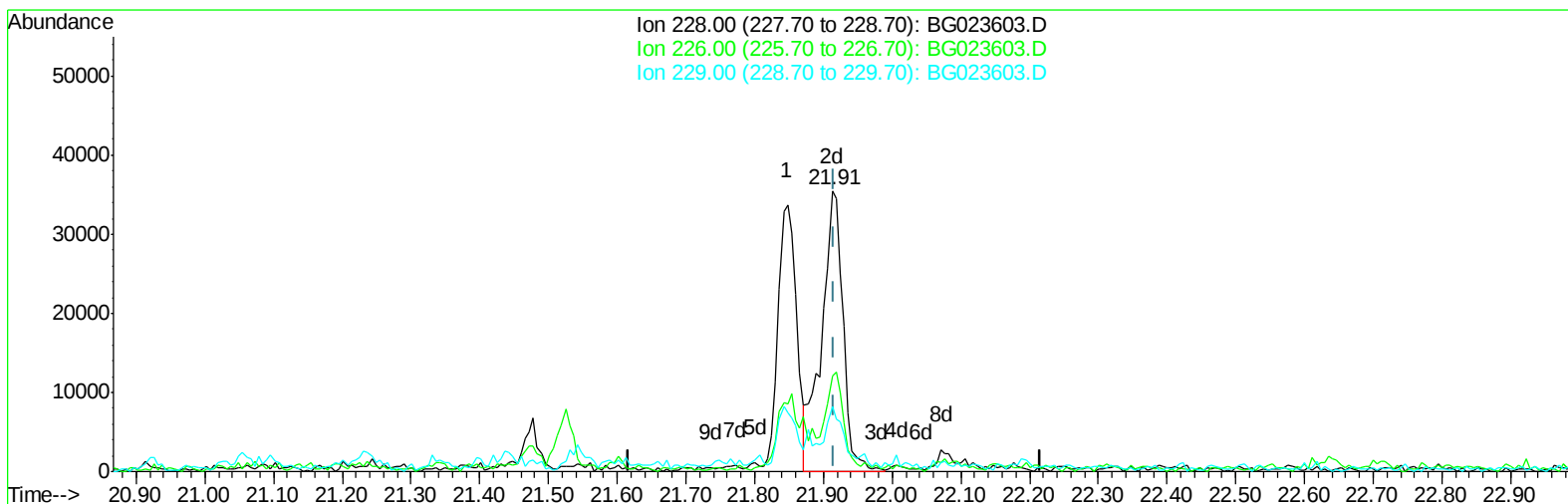
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023603.D
Acq On : 10 Aug 2016 21:56
Operator : UM/SJ
Sample : H4384-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 11 05:18:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023603.D

(82) Chrysene

21.913min (-0.004) 1.21ng/ul m

response 77118

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	33.91
229.00	18.80	23.02#
0.00	0.00	0.00

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 Data File : BG023603.D
 Acq On : 10 Aug 2016 21:56
 Operator : UM/SJ
 Sample : H4384-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 11 05:19:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	149824	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	667127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	454545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1147093	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1248980	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1208967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	12942	3.67	ng/uL	0.00
5) Phenol-d5	7.27	99	294720	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	209305	21.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	212088	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	208007	17.65	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	116407	22.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	133321	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	233885	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	296958	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	837745	22.51	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	945762	22.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	140622m	22.13	ng/ul	0.01
57) Fluorene-d10	15.78	176	764350	22.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	141441m	19.22	ng/ul	0.00
70) Anthracene-d10	17.65	188	1170927	22.66	ng/ul	0.00
76) Pyrene-d10	19.94	212	1393637	22.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1250597	22.85	ng/ul	0.00

Target Compounds					Qvalue
44) Dimethylphthalate	14.22	163	271090	7.36 ng/ul#	99
69) Phenanthrene	17.59	178	65372	1.10 ng/ul	99
74) Fluoranthene	19.60	202	118037	1.94 ng/ul#	91
77) Pyrene	19.97	202	151936	1.97 ng/ul#	91
82) Chrysene	21.91	228	77118m	1.21 ng/ul	

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

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Quant Time: Aug 11 05:19:55 2016
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