

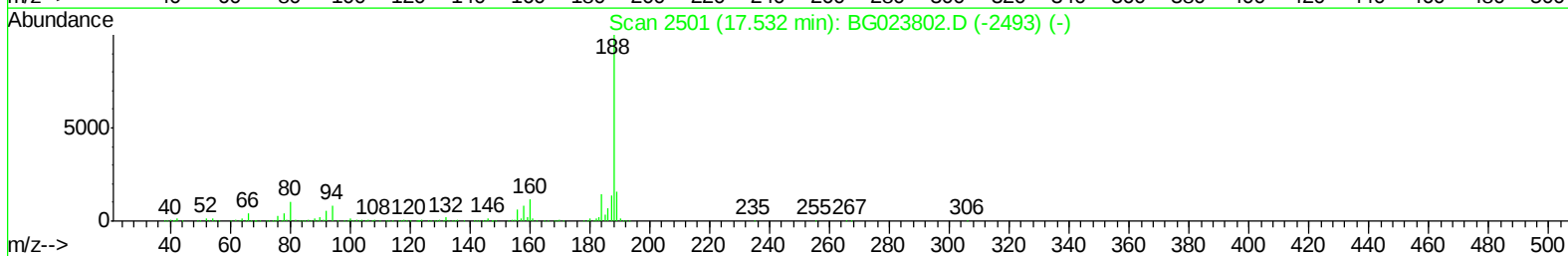
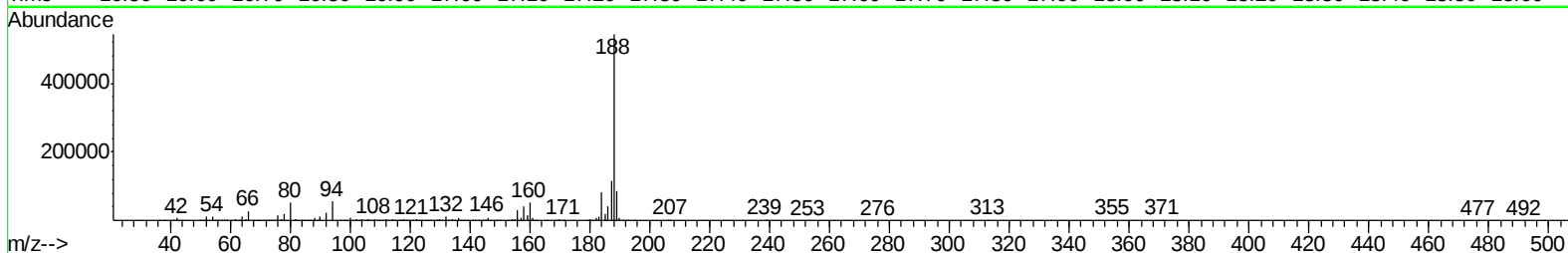
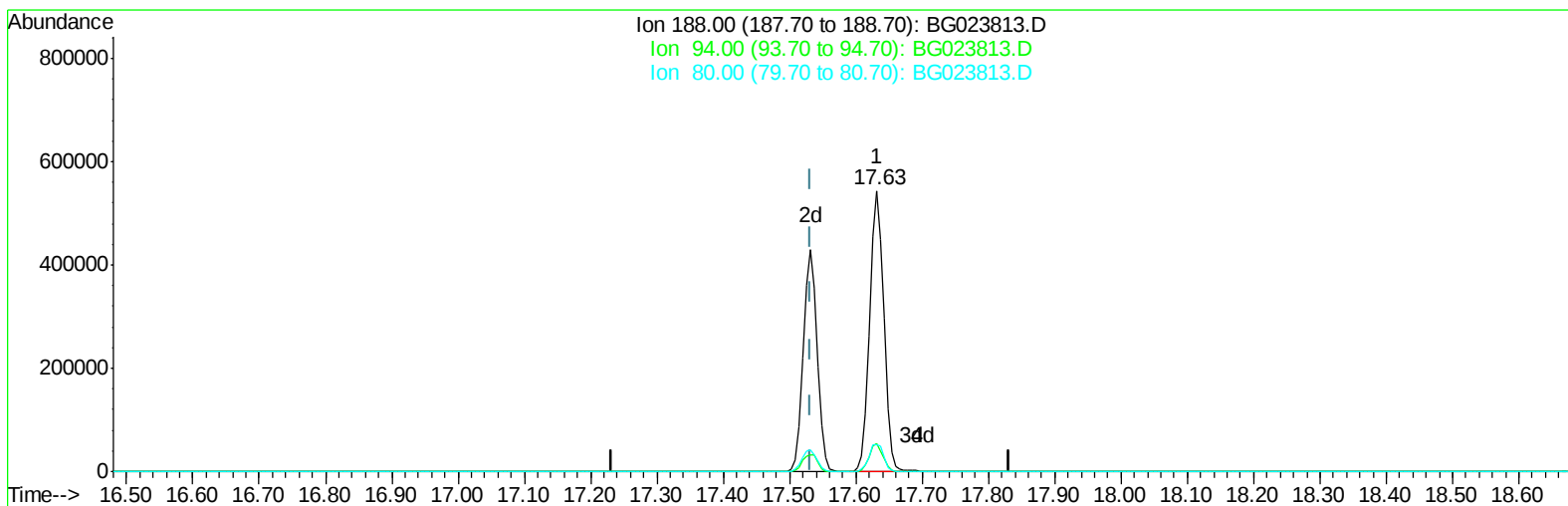
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023813.D
Acq On : 20 Aug 2016 12:11
Operator : UM/SJ
Sample : H4496-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHPT8

Manual Integrations
APPROVED

sohil
8/22/2016 3:53:35 PM

Quant Time: Aug 22 03:43:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 03:42:09 2016
Response via : Initial Calibration



TIC: BG023813.D

(61) Phenanthrene-d10 (I)

17.631min (+0.100) 20.00ng/ul

response 820694

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	10.03
80.00	10.90	9.59
0.00	0.00	0.00

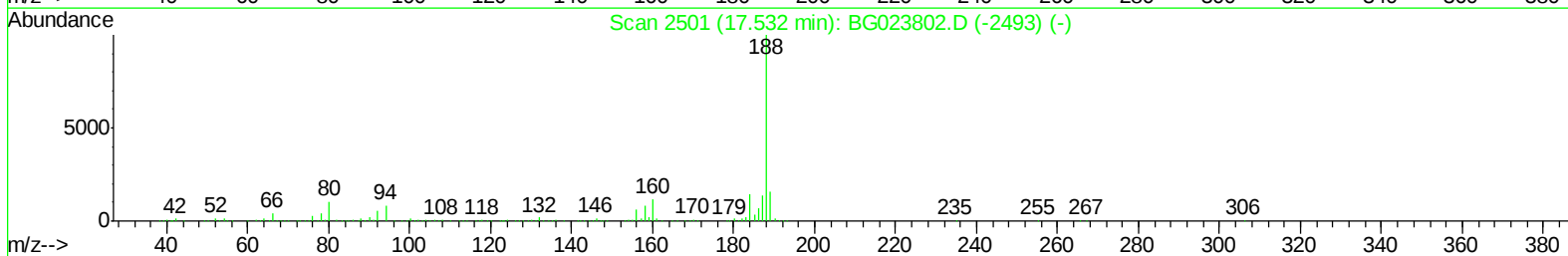
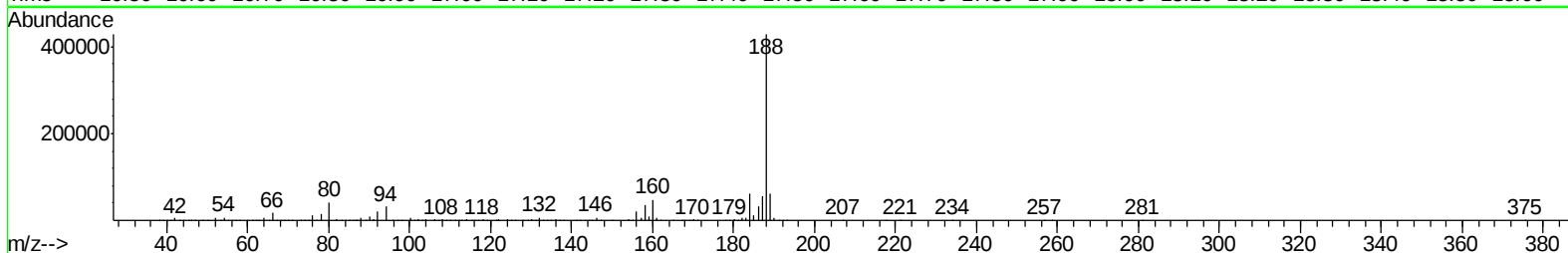
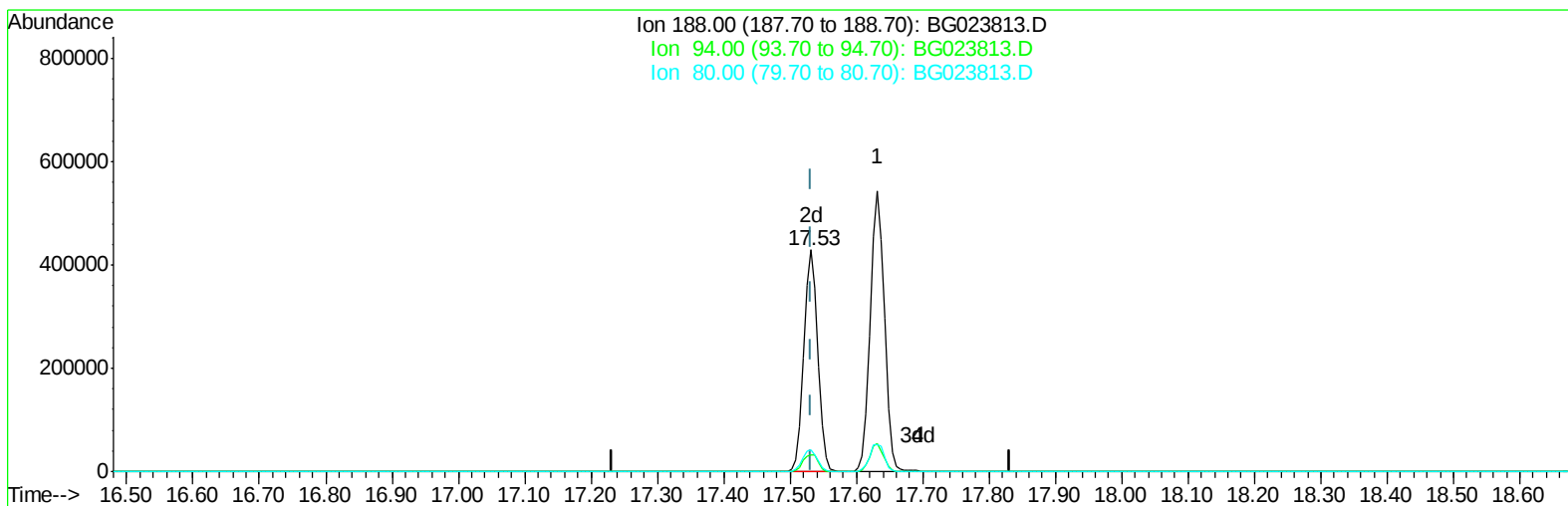
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023813.D
Acq On : 20 Aug 2016 12:11
Operator : UM/SJ
Sample : H4496-11
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Response via : Initial Calibration



TIC: BG023813.D

(61) Phenanthrene-d10 (I)

17.532min (-0.000) 20.00ng/ul m

response 638609

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	7.35#
80.00	10.90	9.78
0.00	0.00	0.00

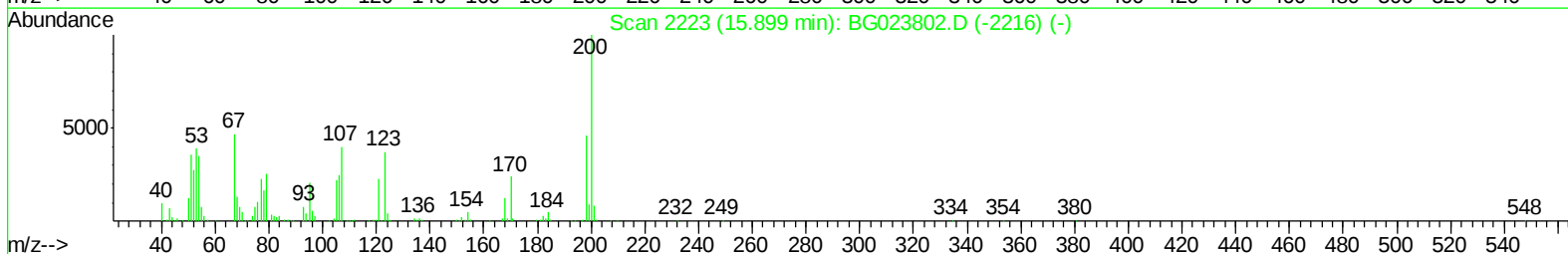
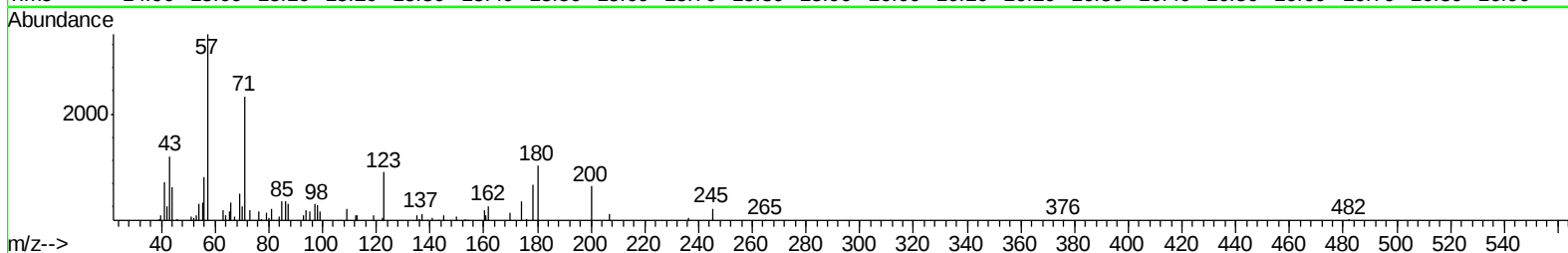
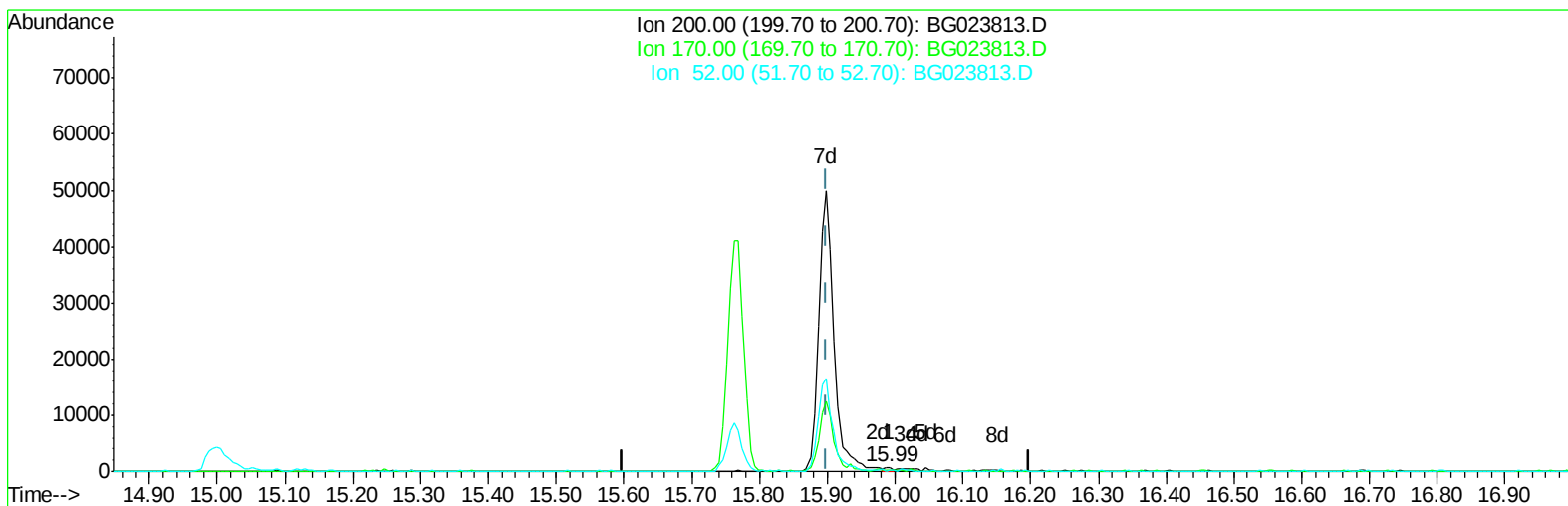
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023813.D
Acq On : 20 Aug 2016 12:11
Operator : UM/SJ
Sample : H4496-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHPT8

Manual Integrations
APPROVED

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TIC: BG023813.D

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

15.992min (+0.094) 0.15ng/ul

response 597

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	37.28#
52.00	32.20	27.86
0.00	0.00	0.00

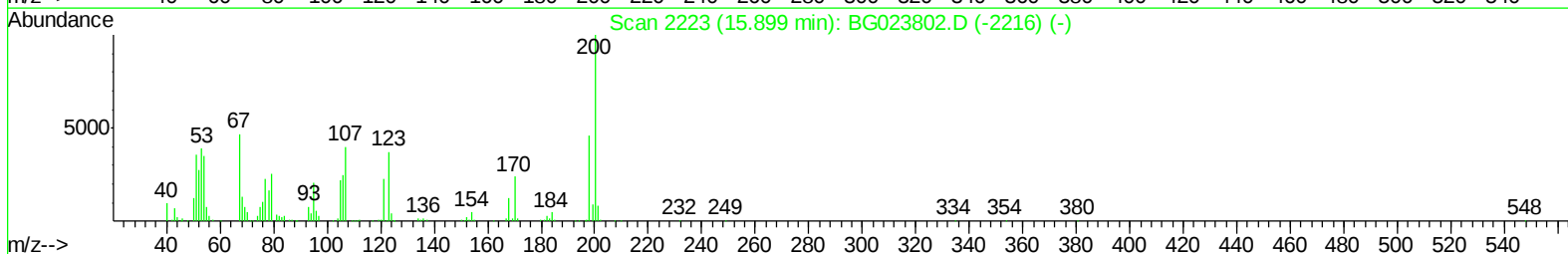
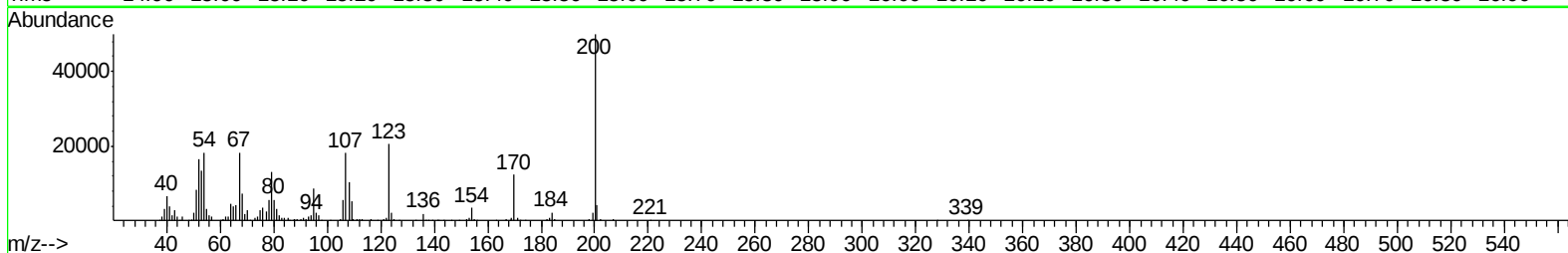
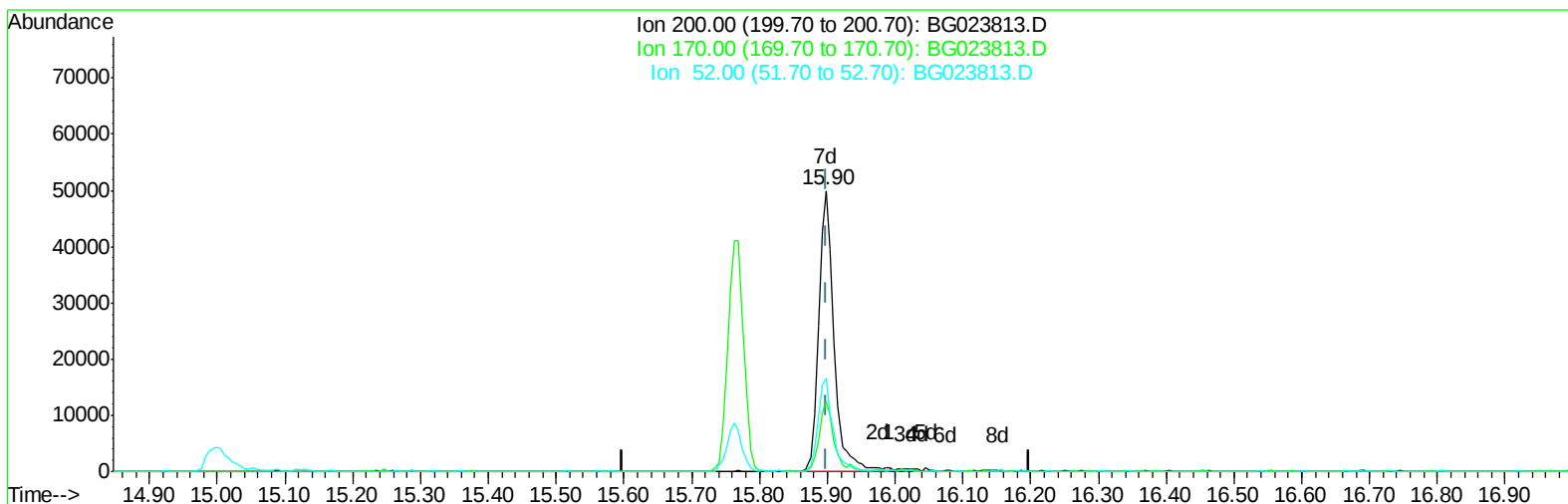
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023813.D
Acq On : 20 Aug 2016 12:11
Operator : UM/SJ
Sample : H4496-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG023813.D

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

15.898min (-0.000) 19.68ng/ul m

response 79659

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	24.87#
52.00	32.20	33.01
0.00	0.00	0.00

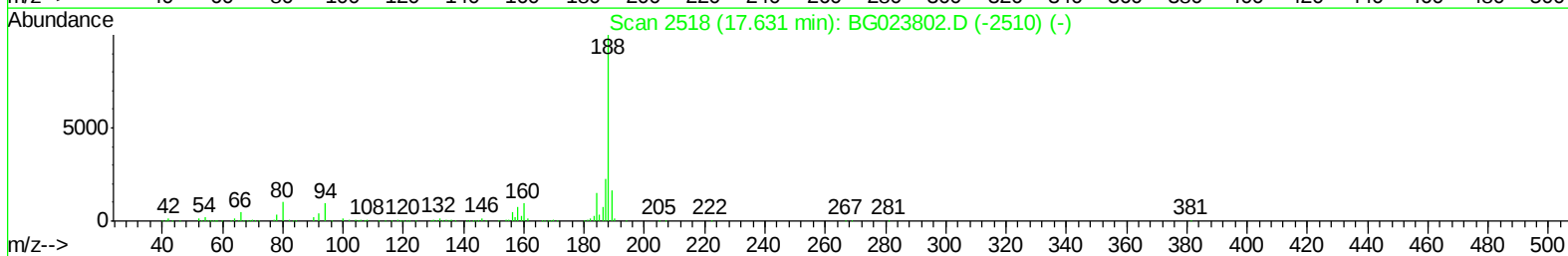
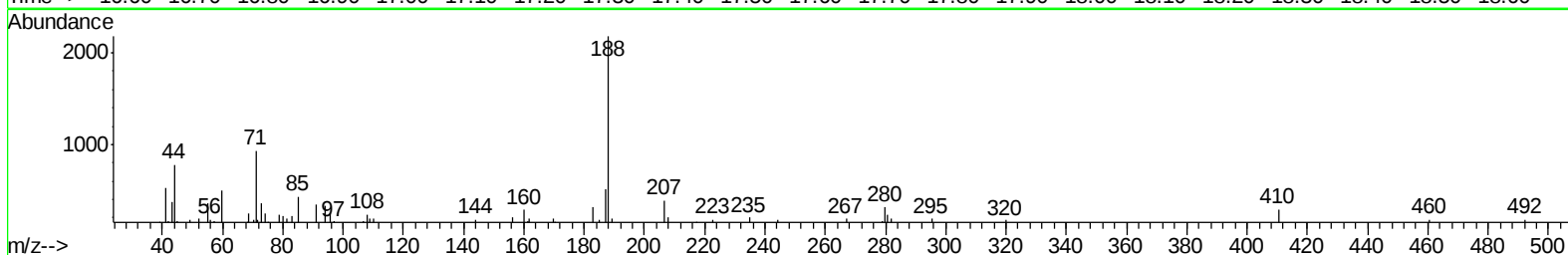
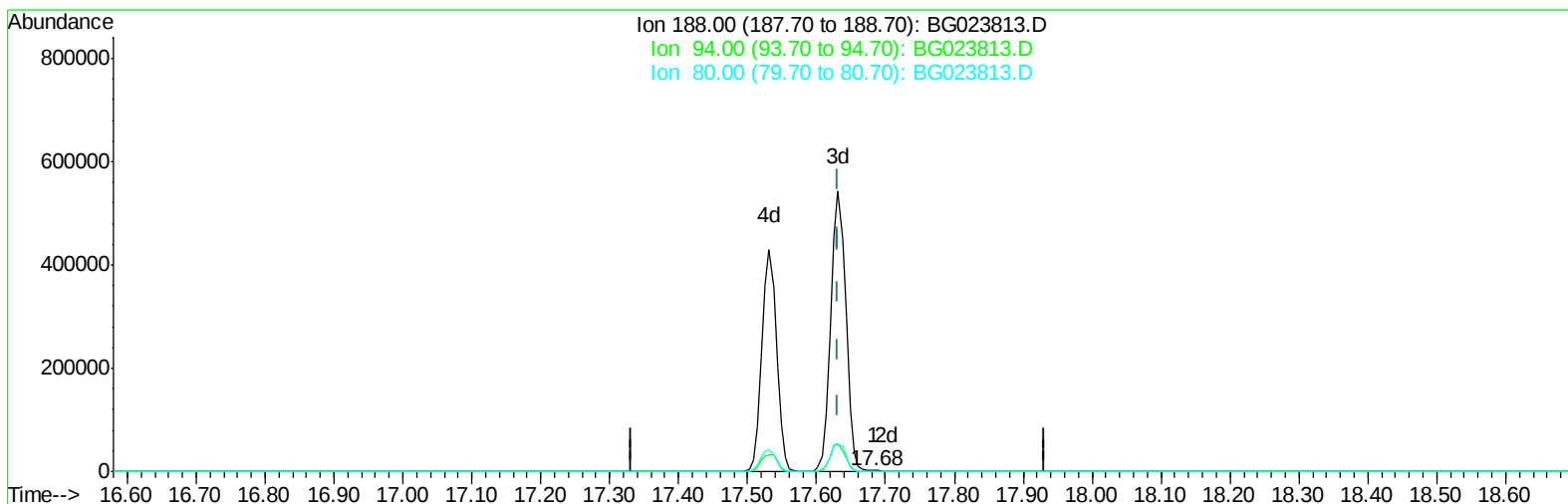
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023813.D
Acq On : 20 Aug 2016 12:11
Operator : UM/SJ
Sample : H4496-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHPT8

Manual Integrations
APPROVED

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TIC: BG023813.D

(70) Anthracene-d10 (S)

17.684min (+0.053) 0.05ng/ul

response 1573

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	15.14
80.00	11.90	9.91
0.00	0.00	0.00

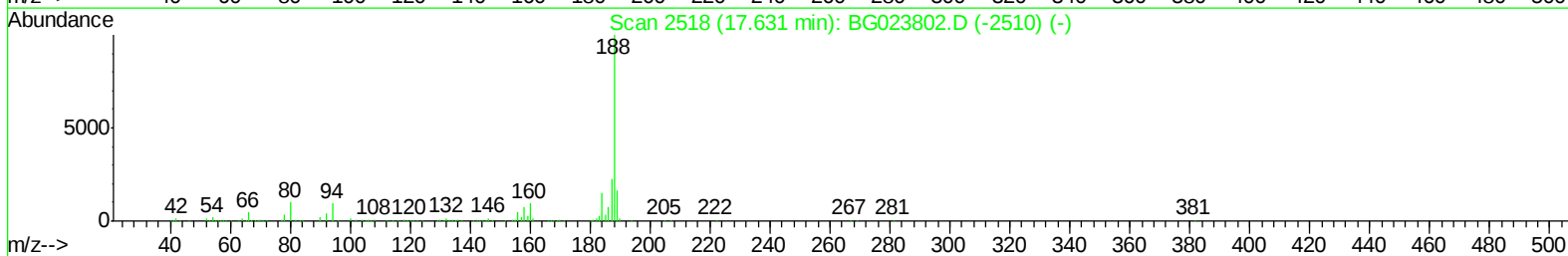
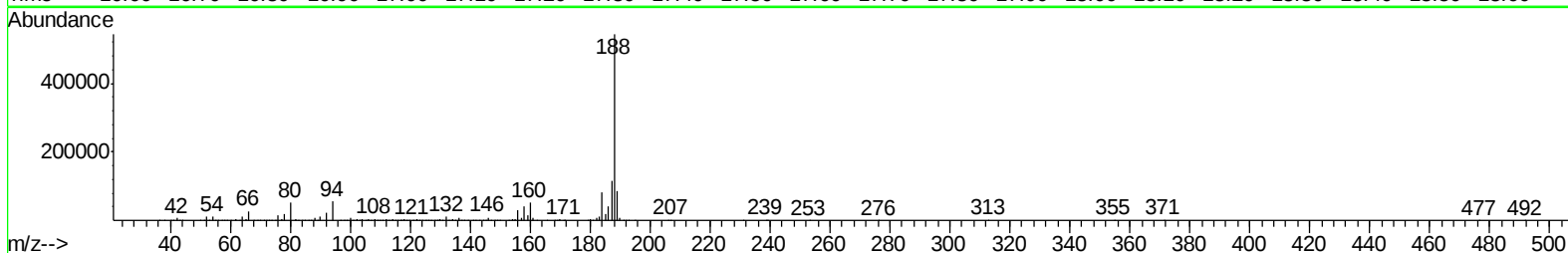
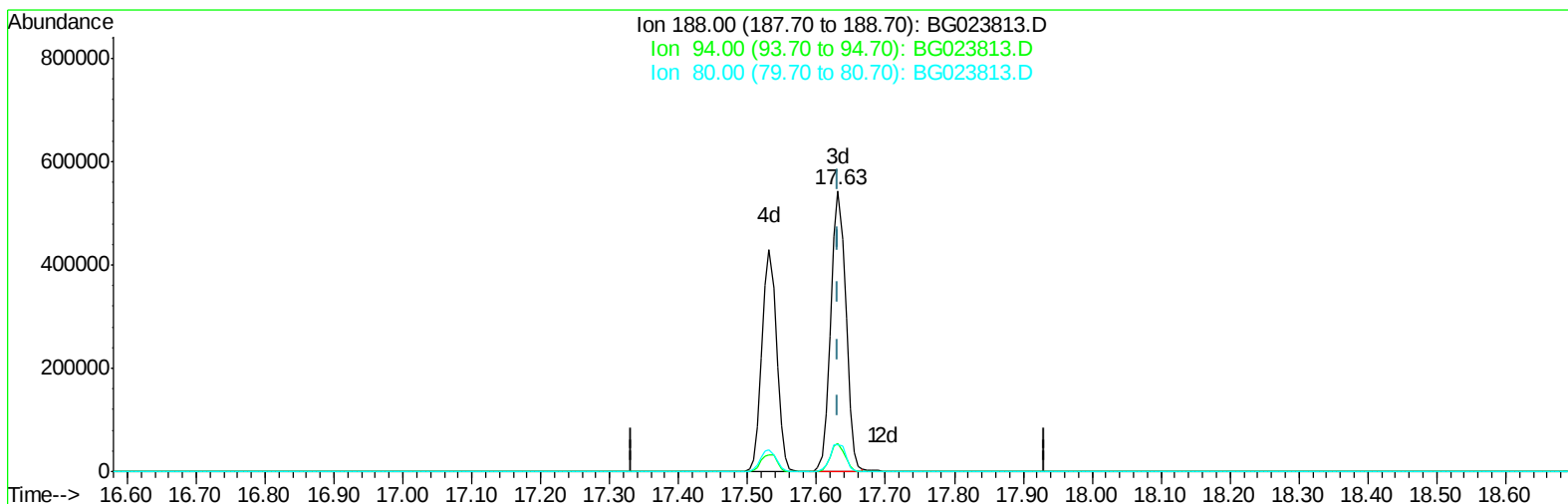
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023813.D
Acq On : 20 Aug 2016 12:11
Operator : UM/SJ
Sample : H4496-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHPT8

Manual Integrations
APPROVED

sohil
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Quant Time: Aug 22 03:43:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 03:42:09 2016
Response via : Initial Calibration



TIC: BG023813.D

(70) Anthracene-d10 (S)

17.631min (-0.000) 27.82ng/ul m

response 819138

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	10.03#
80.00	11.90	9.59
0.00	0.00	0.00

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 Sample : H4496-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 22 04:19:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 03:42:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	104386	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	438763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	277260	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	638609m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	677468	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	638790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	11113	4.83	ng/uL	0.00
5) Phenol-d5	7.25	99	256712	26.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	184936	27.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	183209	26.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	194478	25.41	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	94684	26.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	110949	27.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	189921	25.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	253965	28.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	622885	27.10	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	715169	27.48	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	73272	19.72	ng/ul	0.01
57) Fluorene-d10	15.76	176	538492	26.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	79659m	19.68	ng/ul	0.00
70) Anthracene-d10	17.63	188	819138m	27.82	ng/ul	0.00
76) Pyrene-d10	19.92	212	924569	28.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	841700	28.78	ng/ul	0.00
Target Compounds						
6) Phenol	7.28	94	24794	2.47	ng/ul#	71
44) Dimethylphthalate	14.21	163	445127	19.37	ng/ul	97

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

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