

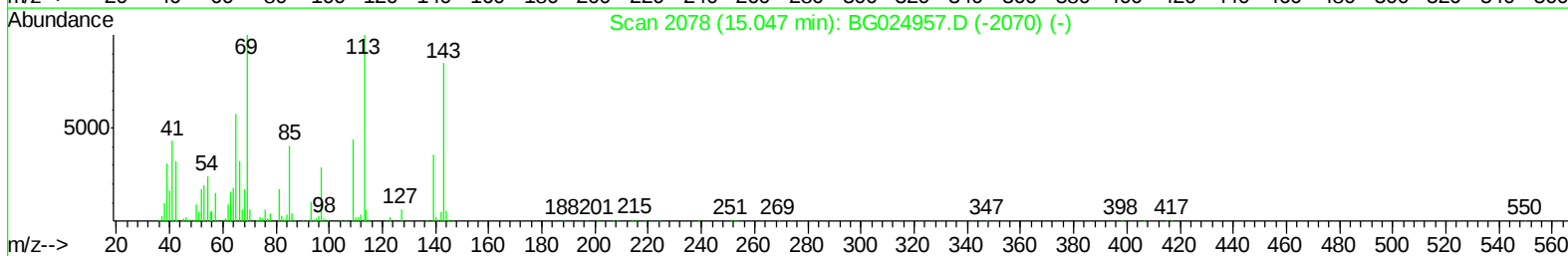
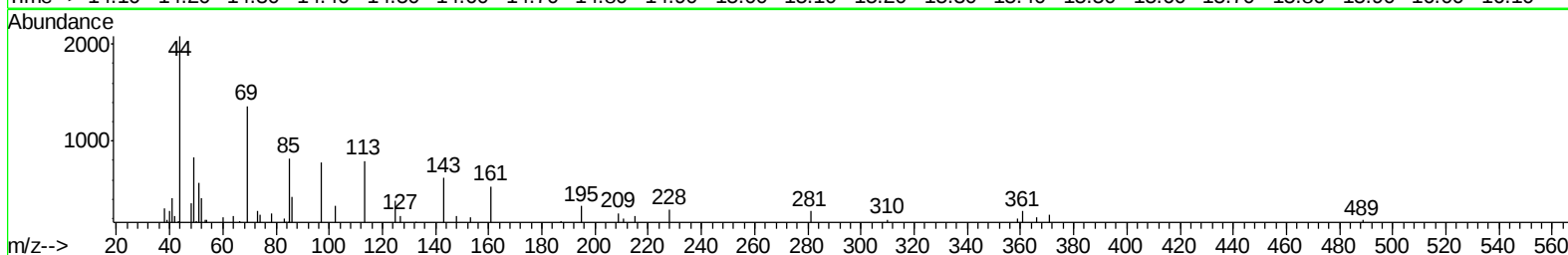
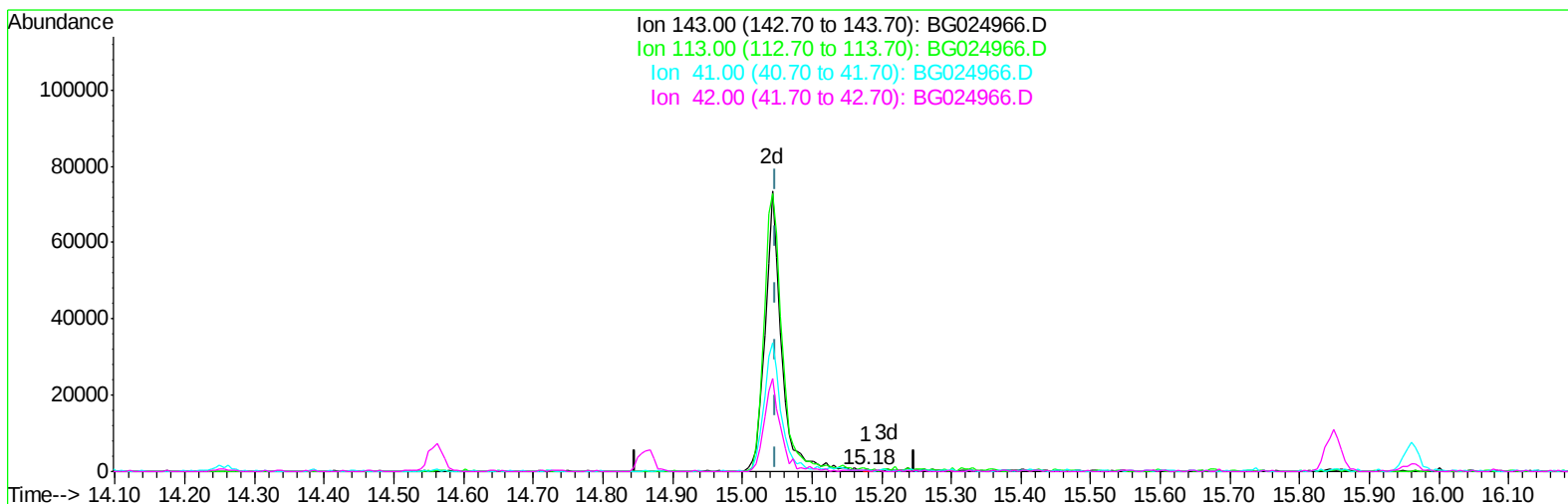
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024966.D
Acq On : 2 Dec 2016 21:26
Operator : UM/SJ
Sample : PB94989BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK89

Manual Integrations
APPROVED

sohil
12/5/2016 11:19:40 AM

Quant Time: Dec 02 23:49:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 23:46:34 2016
Response via : Initial Calibration



TIC: BG024966.D

(51) 4-Nitrophenol-d4 (S)

15.178min (+0.131) 0.10ng/ul

response 327

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	129.48
41.00	58.00	67.10
42.00	42.20	37.13

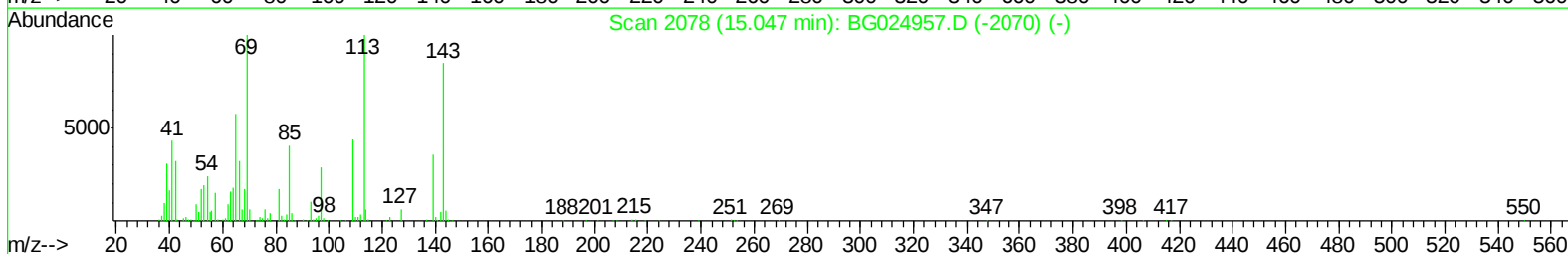
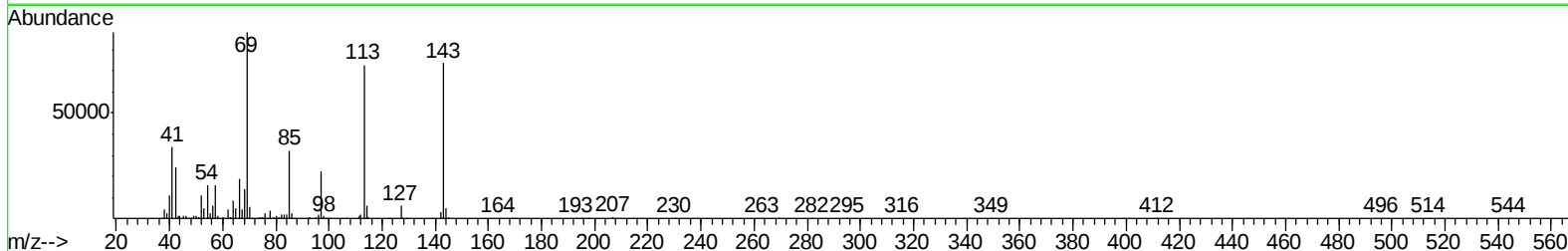
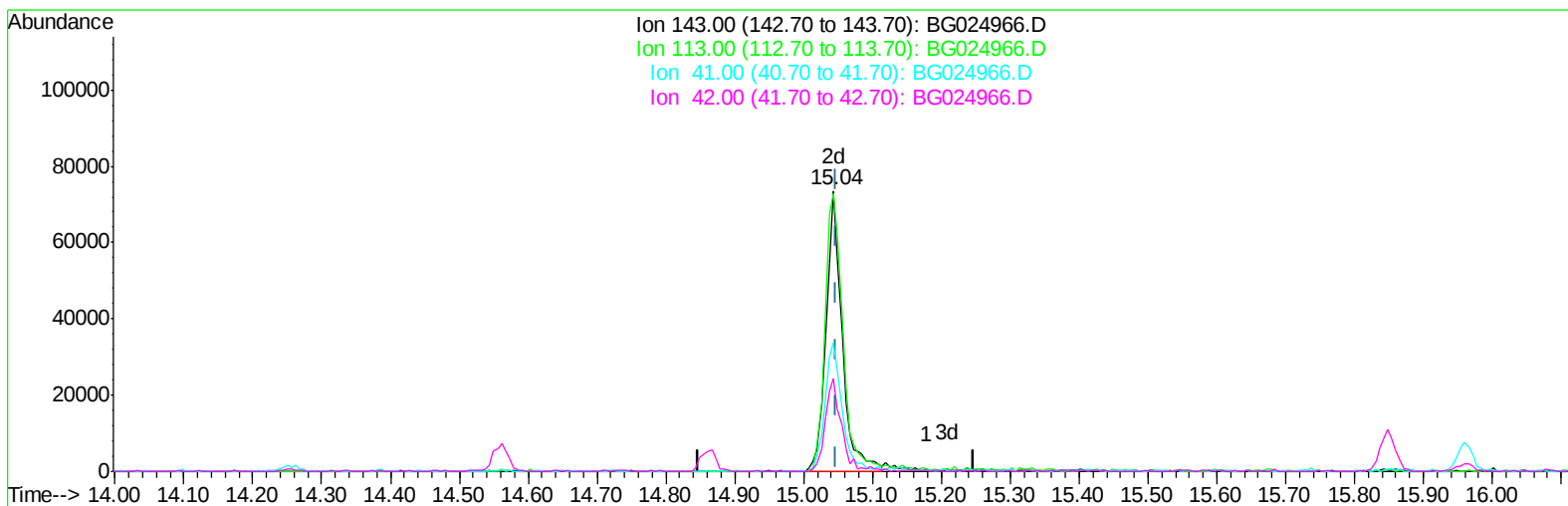
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024966.D
Acq On : 2 Dec 2016 21:26
Operator : UM/SJ
Sample : PB94989BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

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



TIC: BG024966.D

(51) 4-Nitrophenol-d4 (S)

15.043min (-0.004) 34.69ng/ul m

response 119242

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	99.01
41.00	58.00	45.86#
42.00	42.20	32.97#

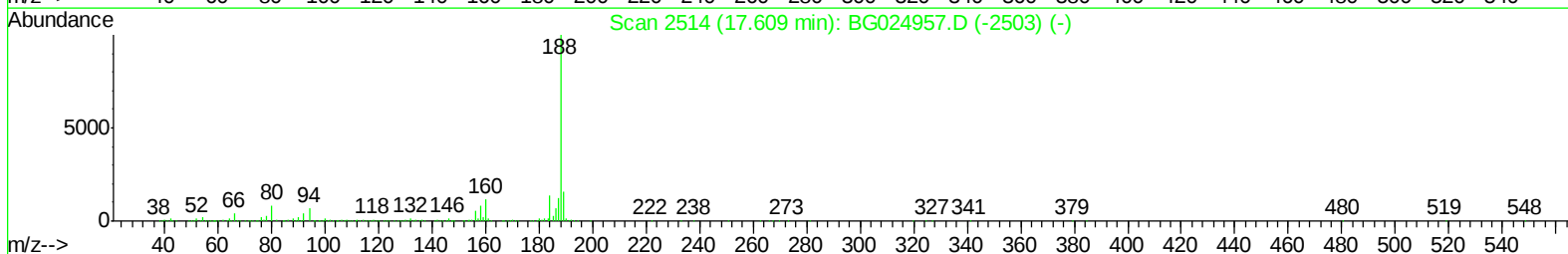
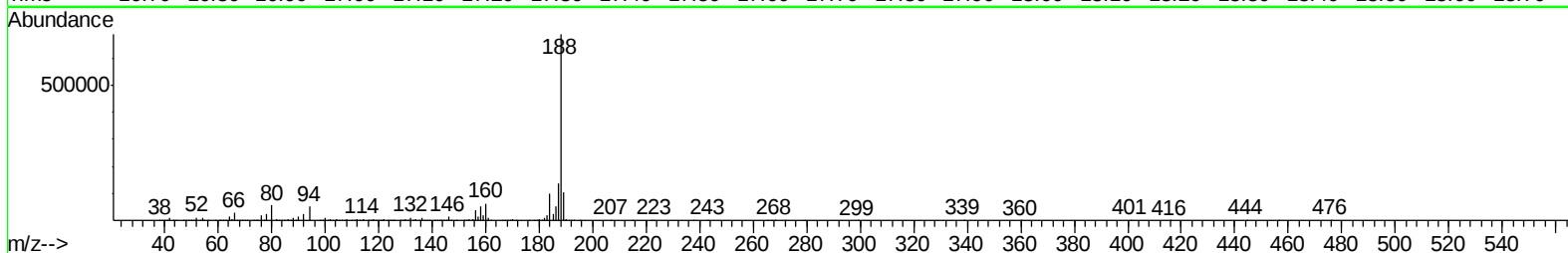
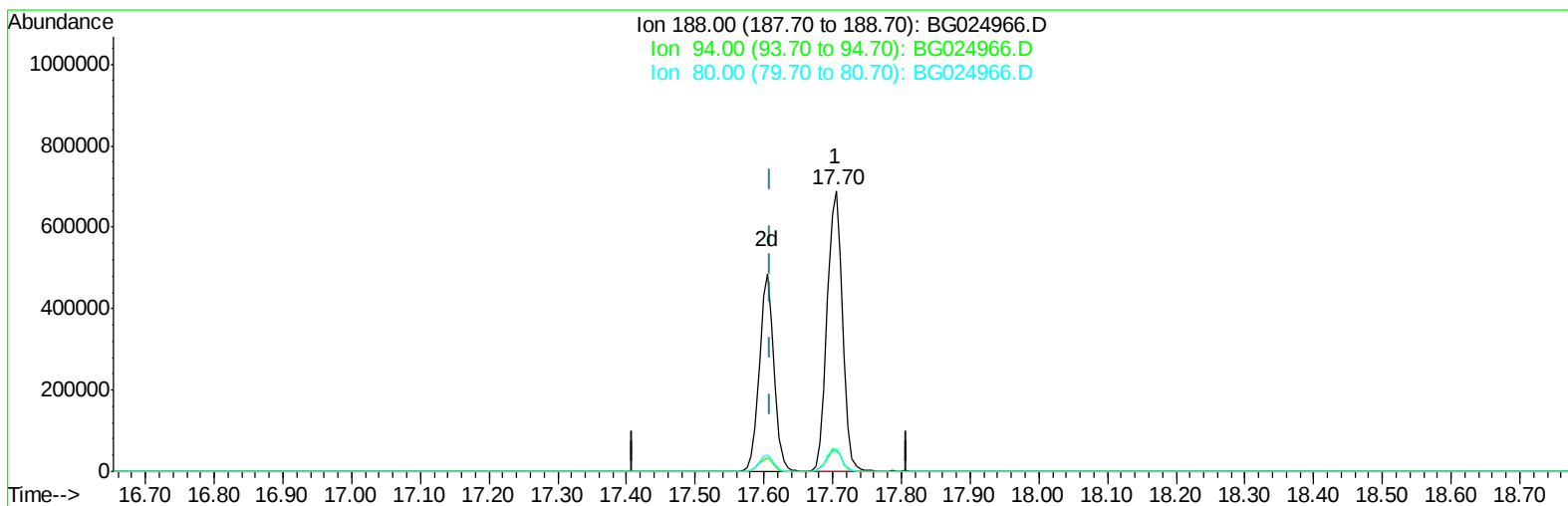
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024966.D
Acq On : 2 Dec 2016 21:26
Operator : UM/SJ
Sample : PB94989BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG024966.D

(61) Phenanthrene-d10 (I)

17.705min (+0.096) 20.00ng/ul

response 1061518

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.41
80.00	9.50	8.10
0.00	0.00	0.00

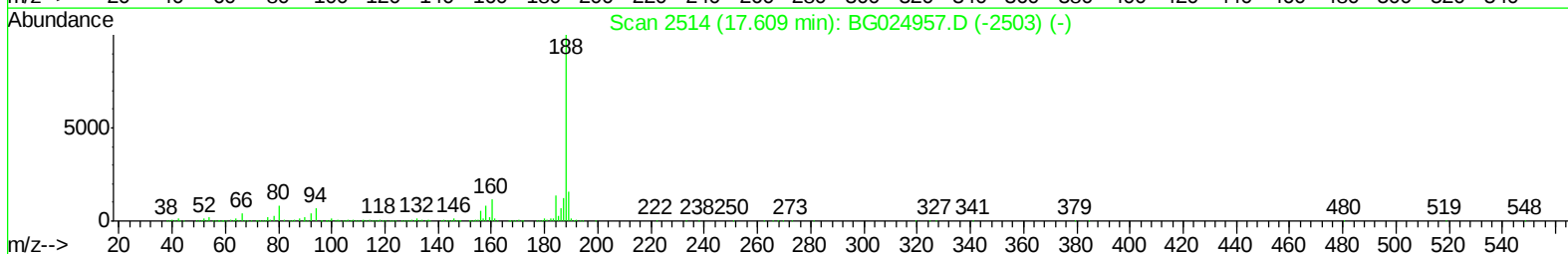
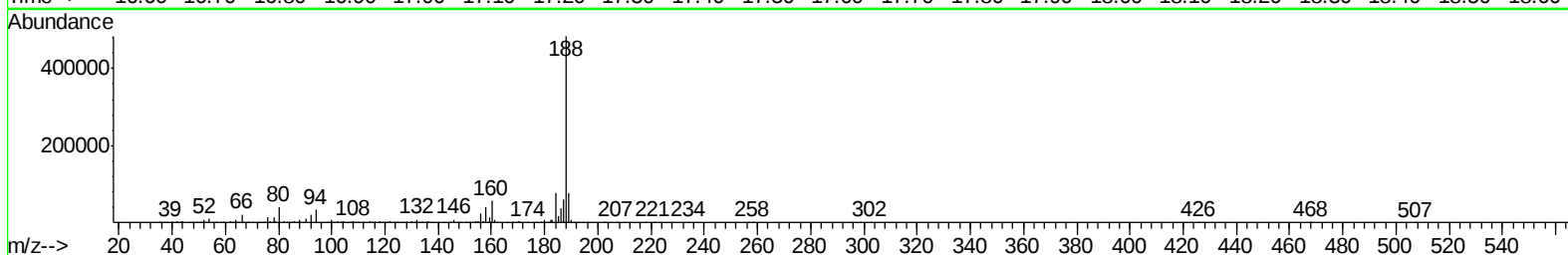
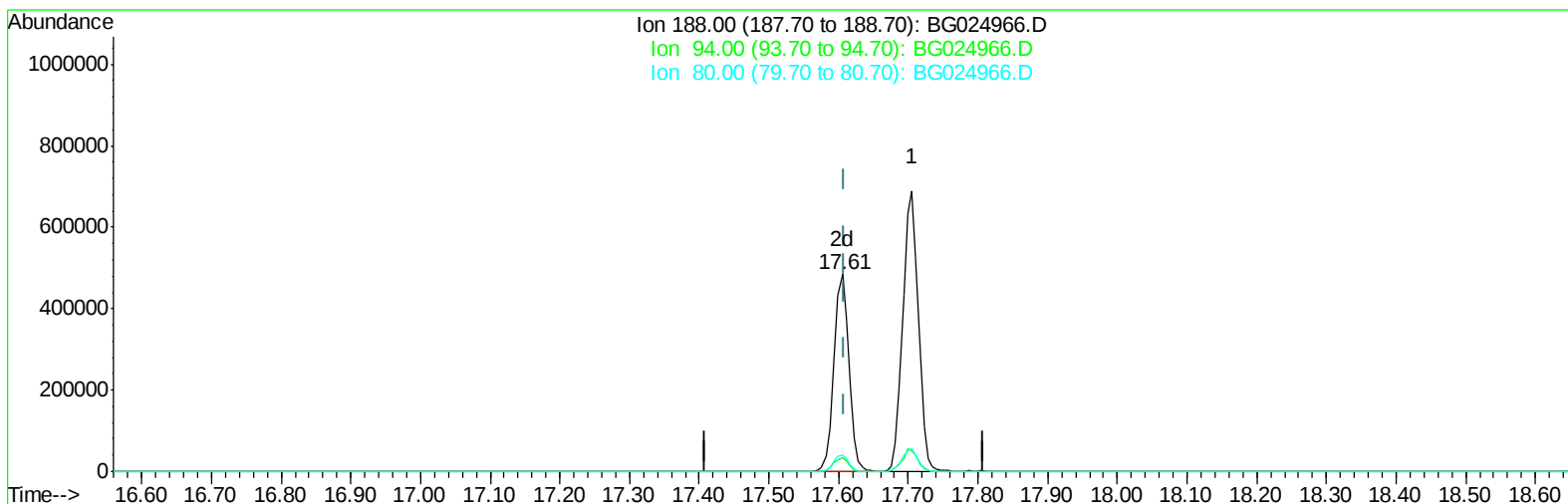
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024966.D
Acq On : 2 Dec 2016 21:26
Operator : UM/SJ
Sample : PB94989BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Dec 02 23:49:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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TIC: BG024966.D

(61) Phenanthrene-d10 (I)

17.605min (-0.004) 20.00ng/ul m

response 719707

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.87#
80.00	9.50	8.30
0.00	0.00	0.00

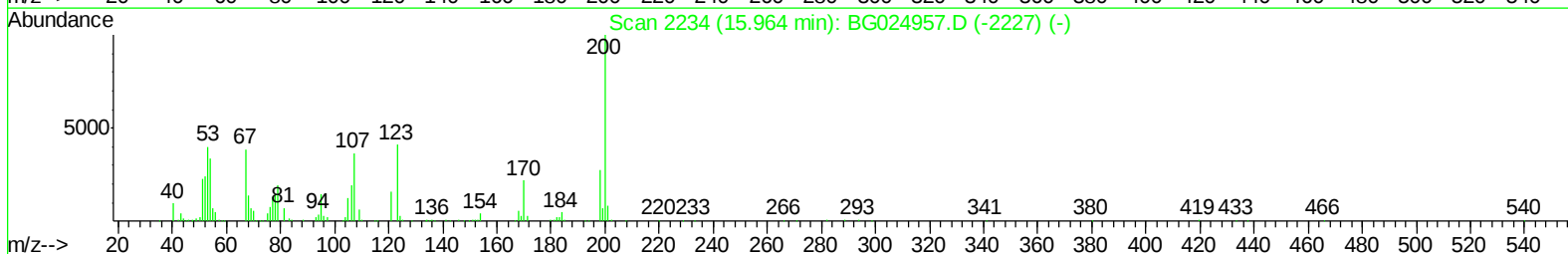
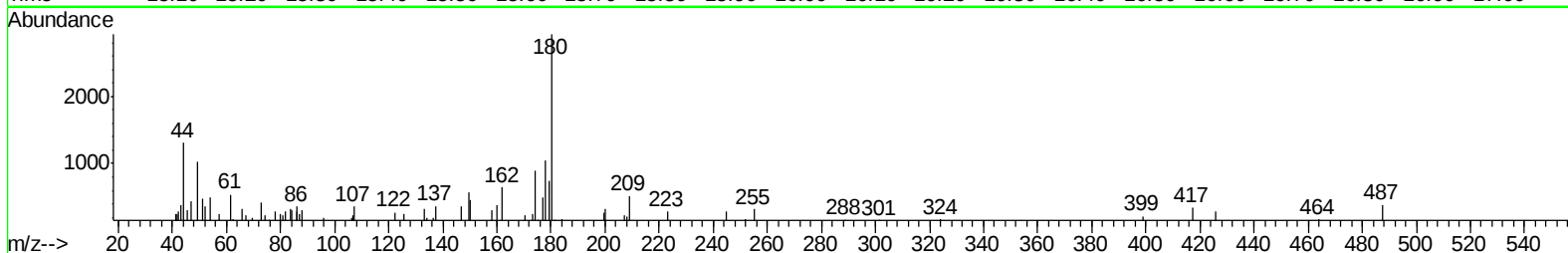
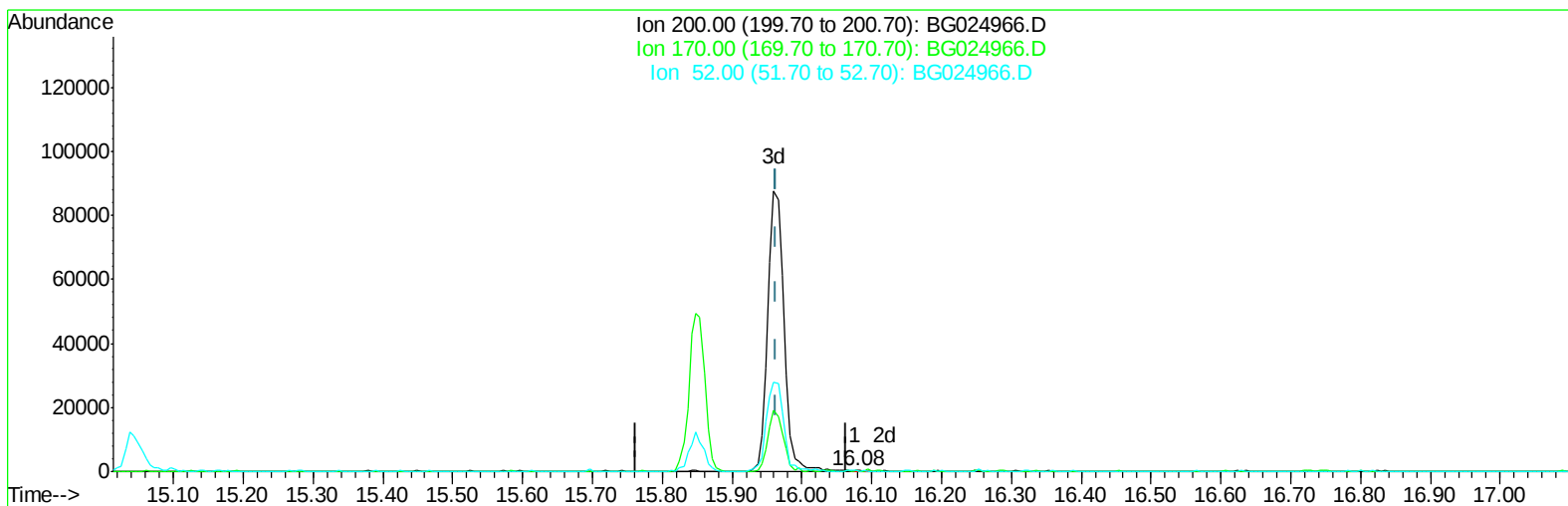
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024966.D
Acq On : 2 Dec 2016 21:26
Operator : UM/SJ
Sample : PB94989BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK89

Manual Integrations
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Quant Time: Dec 03 00:22:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 23:46:34 2016
Response via : Initial Calibration



TIC: BG024966.D

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

16.077min (+0.114) 0.07ng/ul

response 329

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	71.21#
52.00	47.20	113.62#
0.00	0.00	0.00

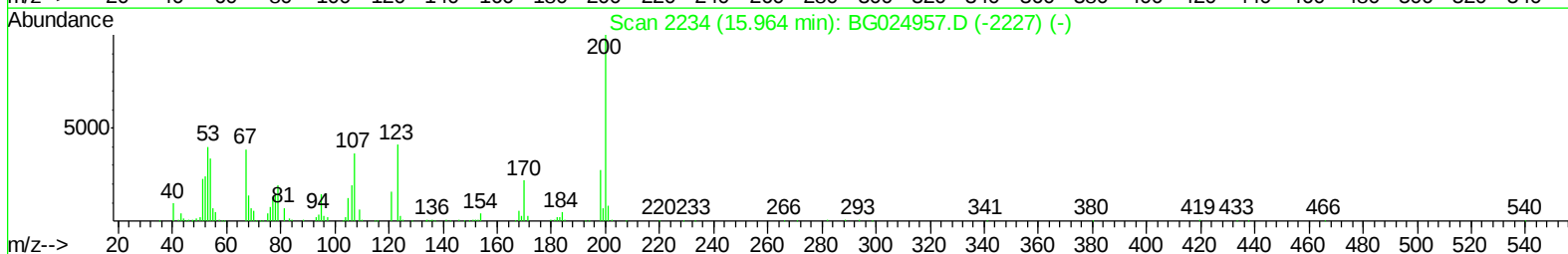
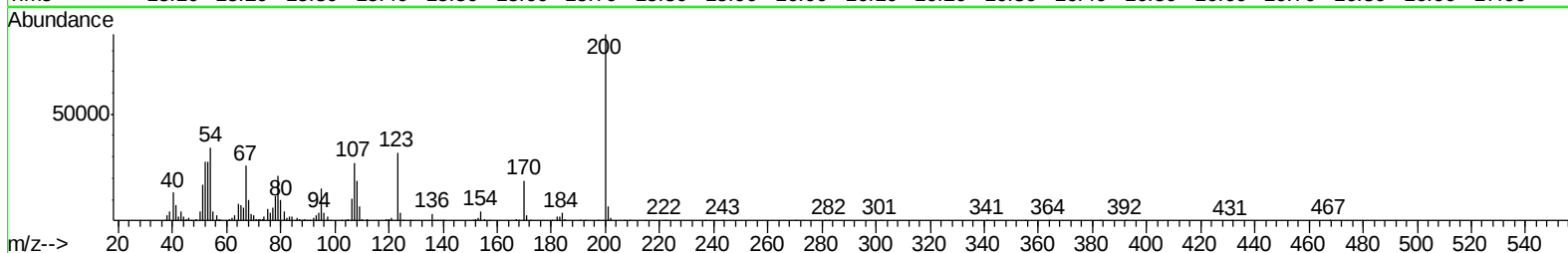
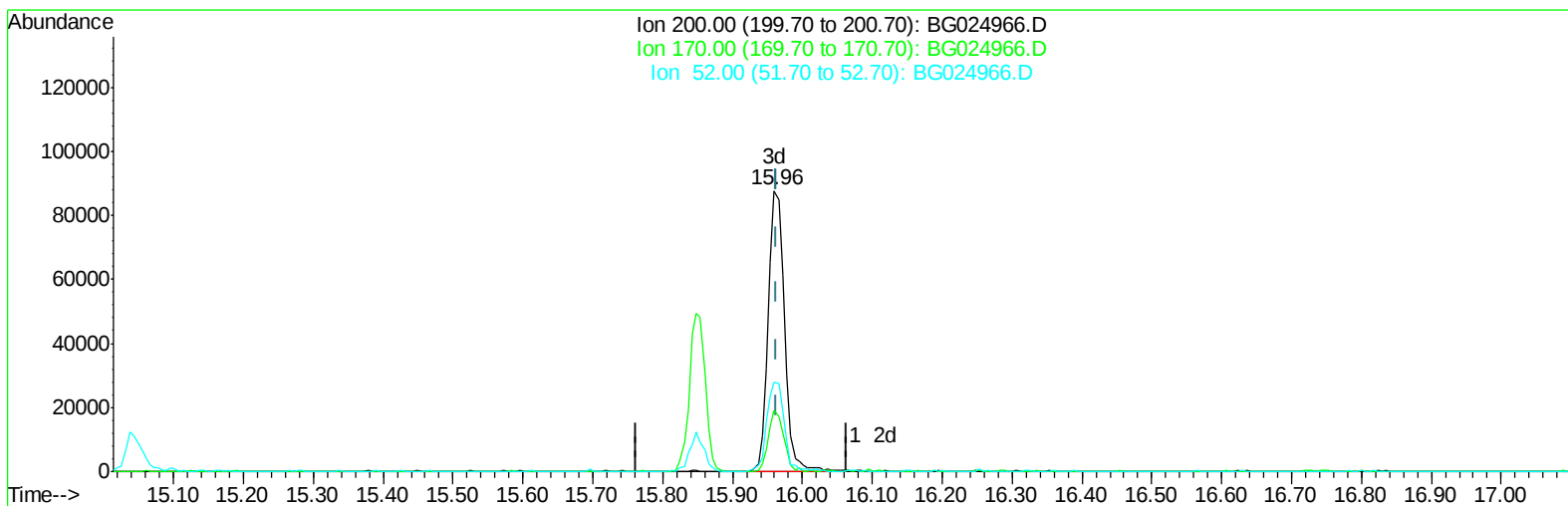
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024966.D
Acq On : 2 Dec 2016 21:26
Operator : UM/SJ
Sample : PB94989BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

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12/5/2016 11:19:40 AM

Quant Time: Dec 03 00:22:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG024966.D

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

15.960min (-0.004) 31.83ng/ul m

response 141641

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	21.61
52.00	47.20	31.85#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
 Data File : BG024966.D
 Acq On : 2 Dec 2016 21:26
 Operator : UM/SJ
 Sample : PB94989BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Dec 03 00:22:47 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 23:46:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	87490	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	358707	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	290753	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	719707m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1014421	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1025870	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	12527	7.40	ng/uL	0.00
5) Phenol-d5	7.38	99	229282	30.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	158239	33.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	173239	32.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	193607	30.69	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	89349	35.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	105046	33.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	186392	30.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	246905	41.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	724856	36.24	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	756385	34.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	119242m	34.69	ng/ul	0.00
57) Fluorene-d10	15.85	176	645119	34.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	141641m	31.83	ng/ul	0.00
70) Anthracene-d10	17.70	188	1059960	34.89	ng/ul	0.00
76) Pyrene-d10	19.97	212	1394135	33.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1495168	35.97	ng/ul	0.00

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

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Misc :
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Quant Time: Dec 03 00:22:47 2016
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