

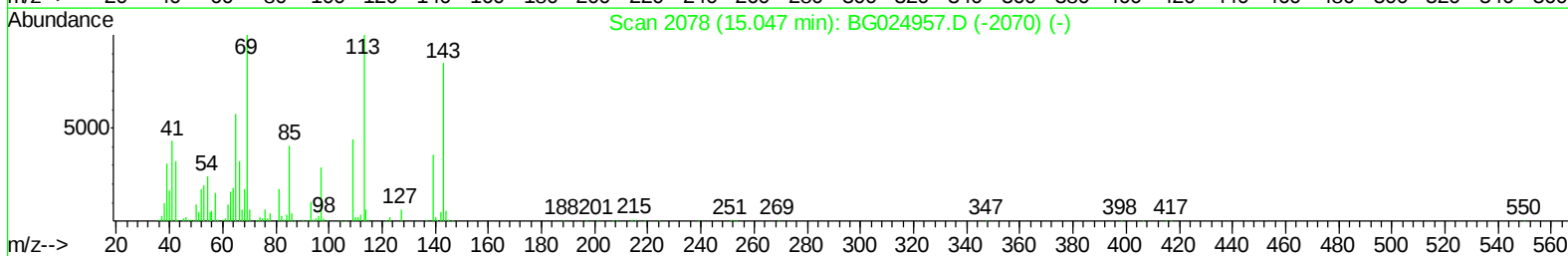
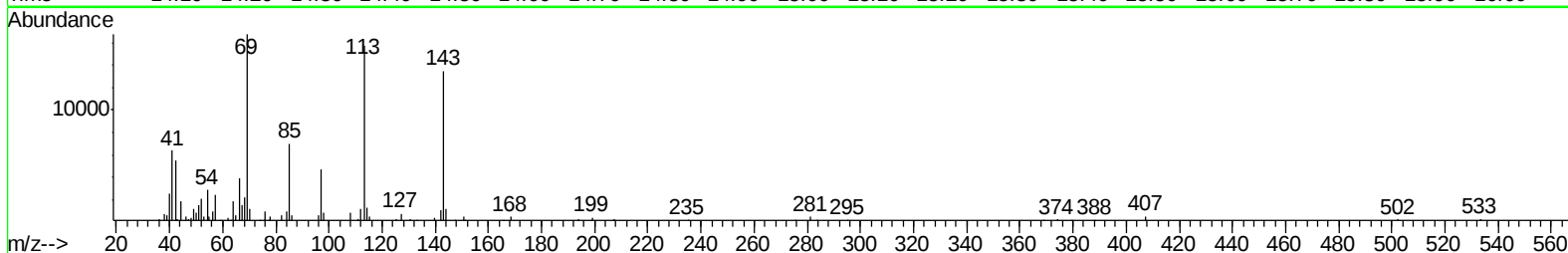
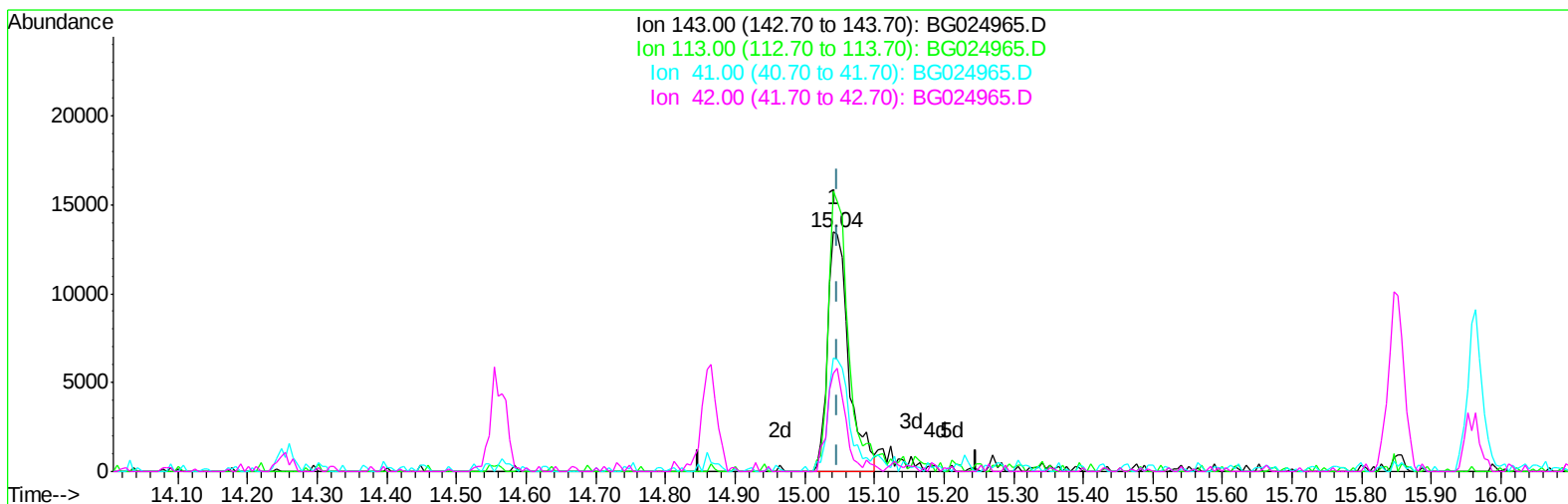
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024965.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5733-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA8Z5

Manual Integrations
APPROVED

sohil
12/5/2016 11:19:38 AM

Quant Time: Dec 02 23:49:38 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: BG024965.D

(51) 4-Nitrophenol-d4 (S)
15.041min (-0.006) 7.98ng/ul

response 28377

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	117.20
41.00	58.00	47.38
42.00	42.20	41.02

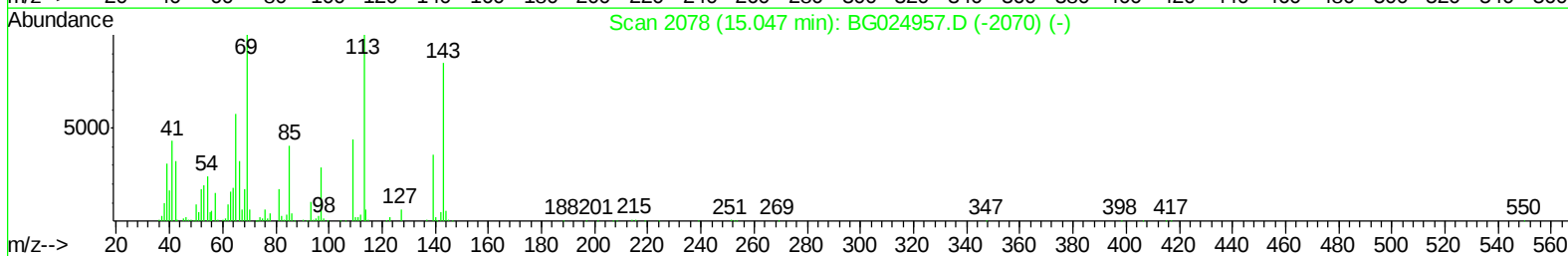
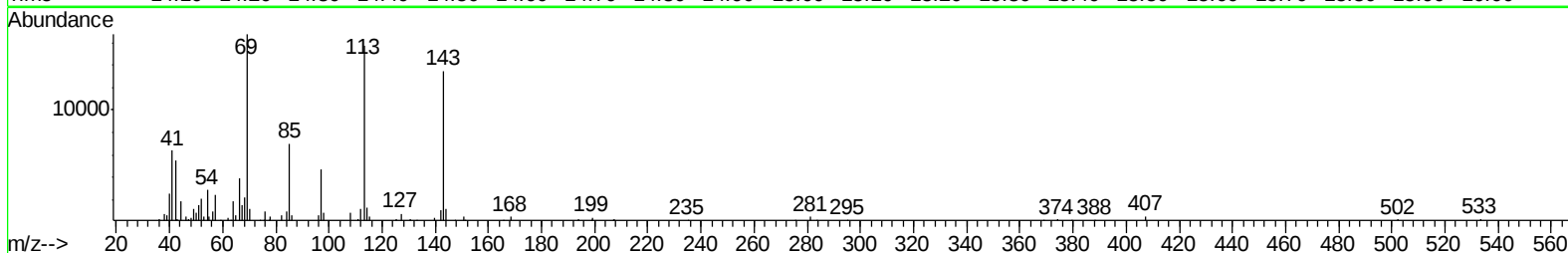
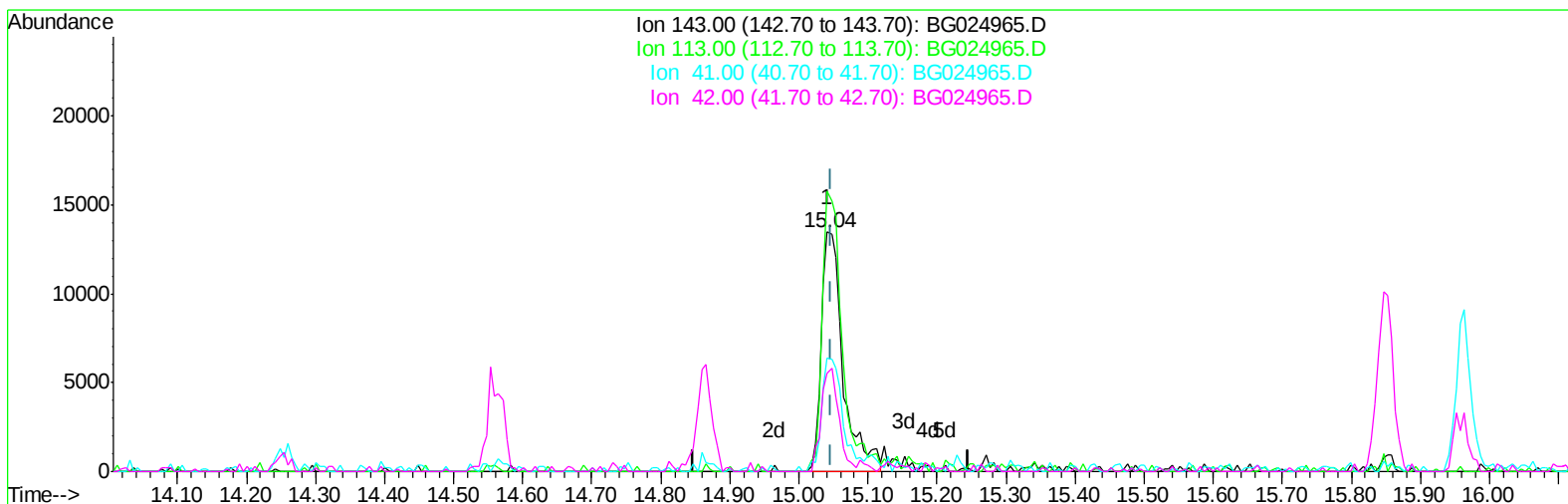
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024965.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5733-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA8Z5

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 23:46:34 2016
Response via : Initial Calibration



TIC: BG024965.D

(51) 4-Nitrophenol-d4 (S)

15.041min (-0.006) 8.28ng/ul m

response 29444

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	117.20
41.00	58.00	47.38
42.00	42.20	41.02

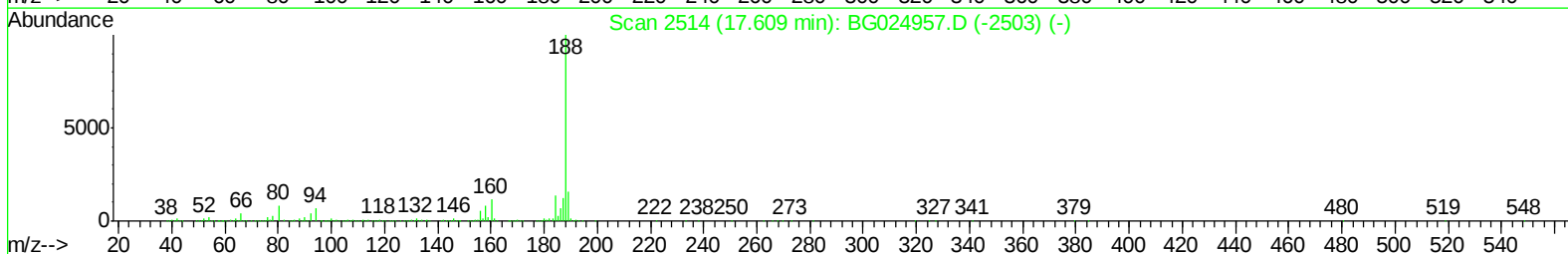
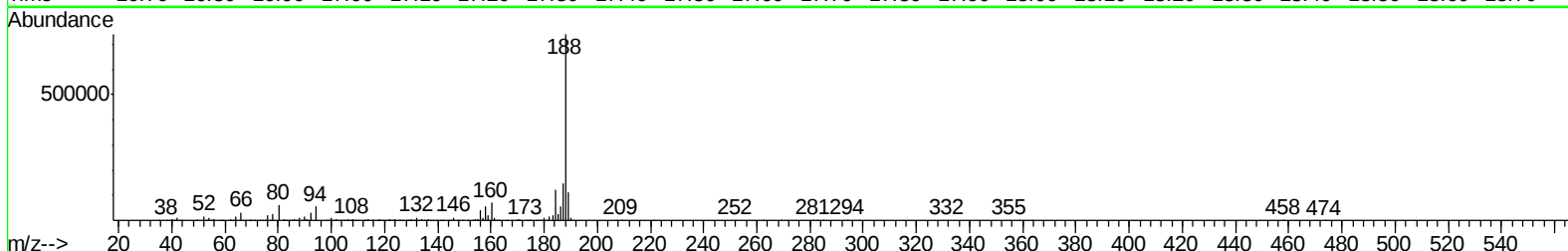
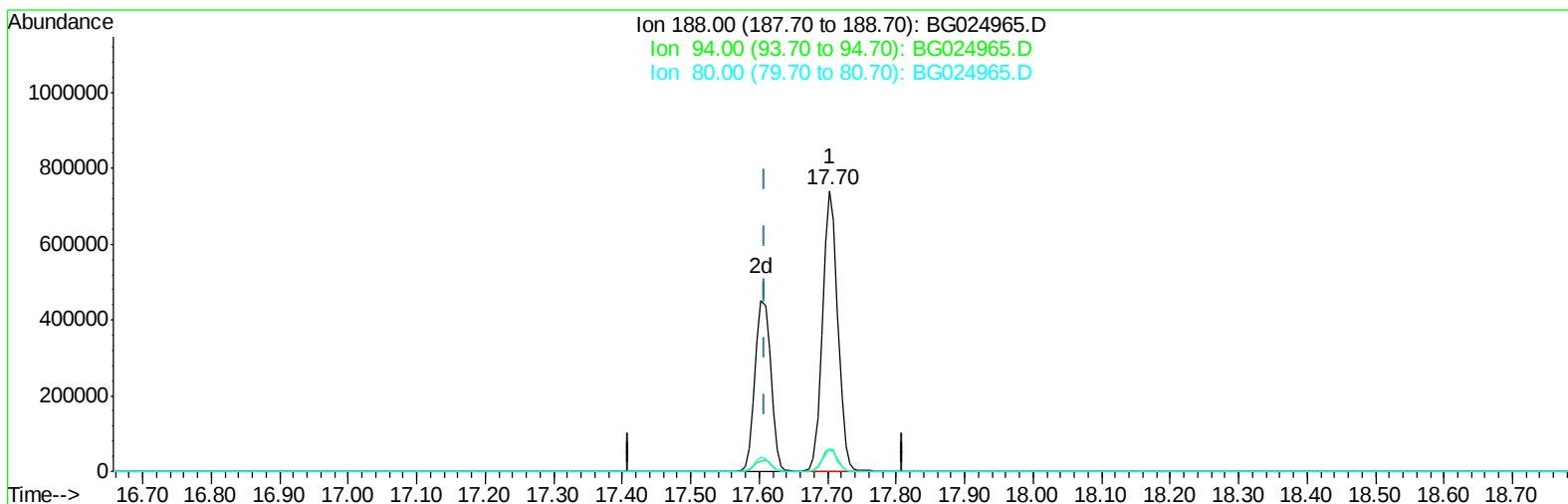
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024965.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5733-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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TIC: BG024965.D

(61) Phenanthrene-d10 (I)

17.703min (+0.094) 20.00ng/ul

response 1154938

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.55
80.00	9.50	8.26
0.00	0.00	0.00

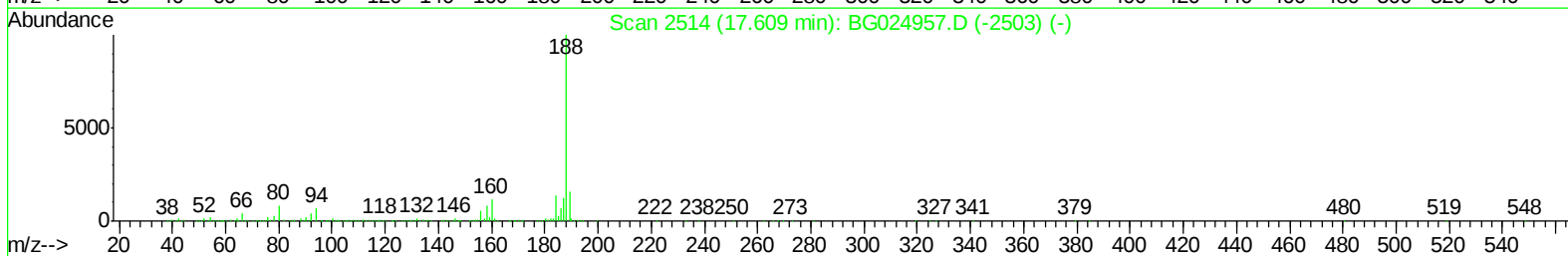
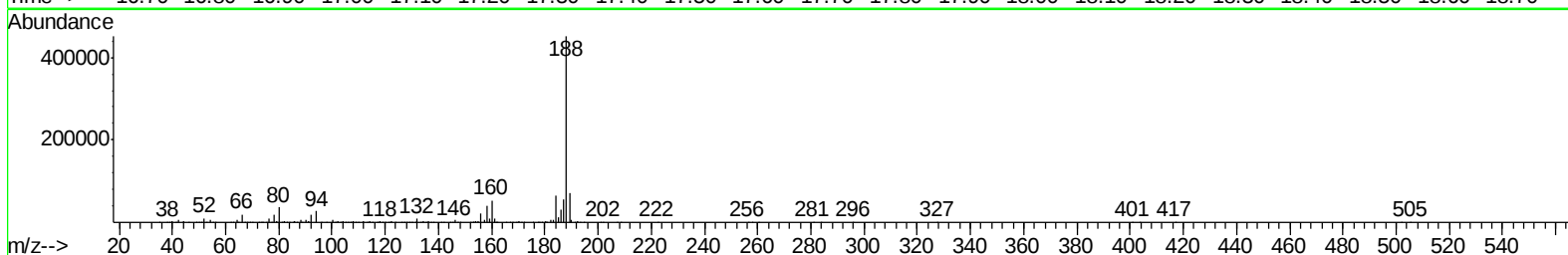
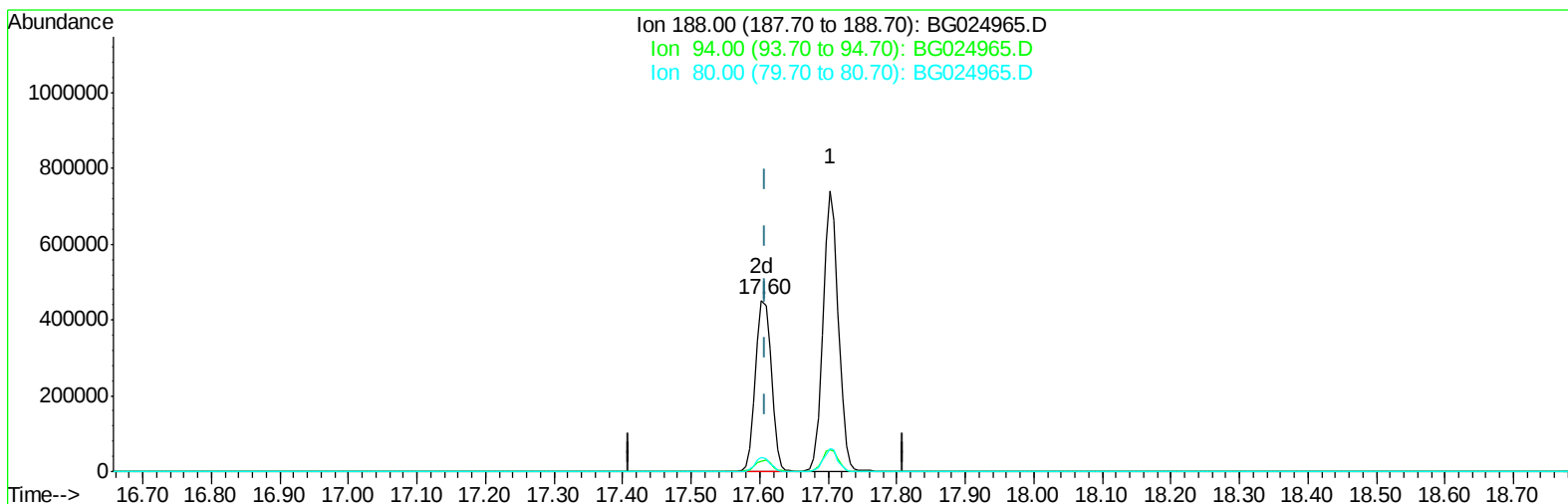
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024965.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5733-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA8Z5

Manual Integrations
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Quant Time: Dec 02 23:49:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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TIC: BG024965.D

(61) Phenanthrene-d10 (I)

17.603min (-0.006) 20.00ng/ul m

response 725521

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.12#
80.00	9.50	8.18
0.00	0.00	0.00

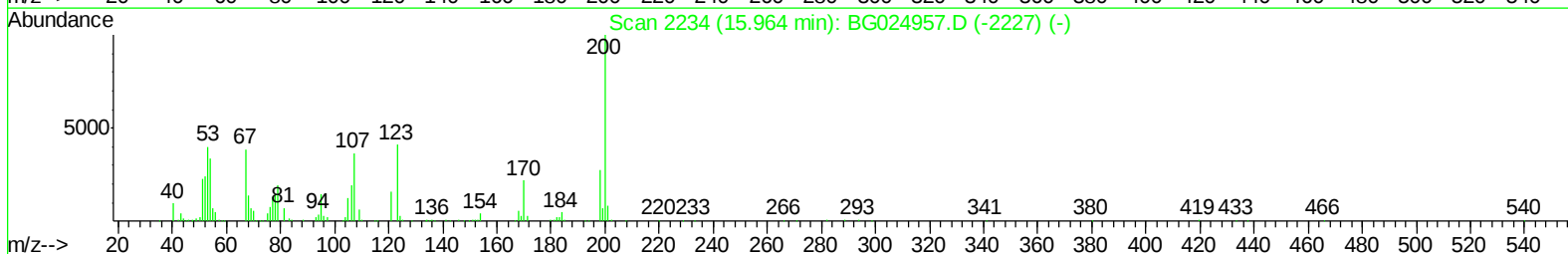
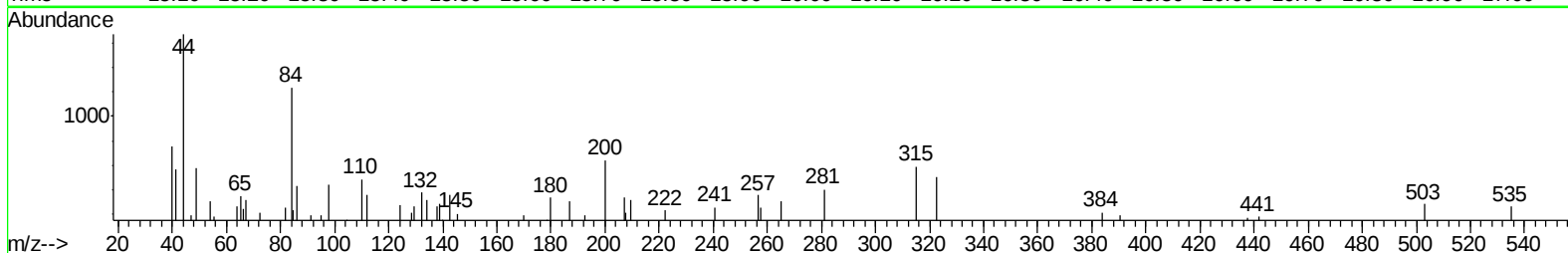
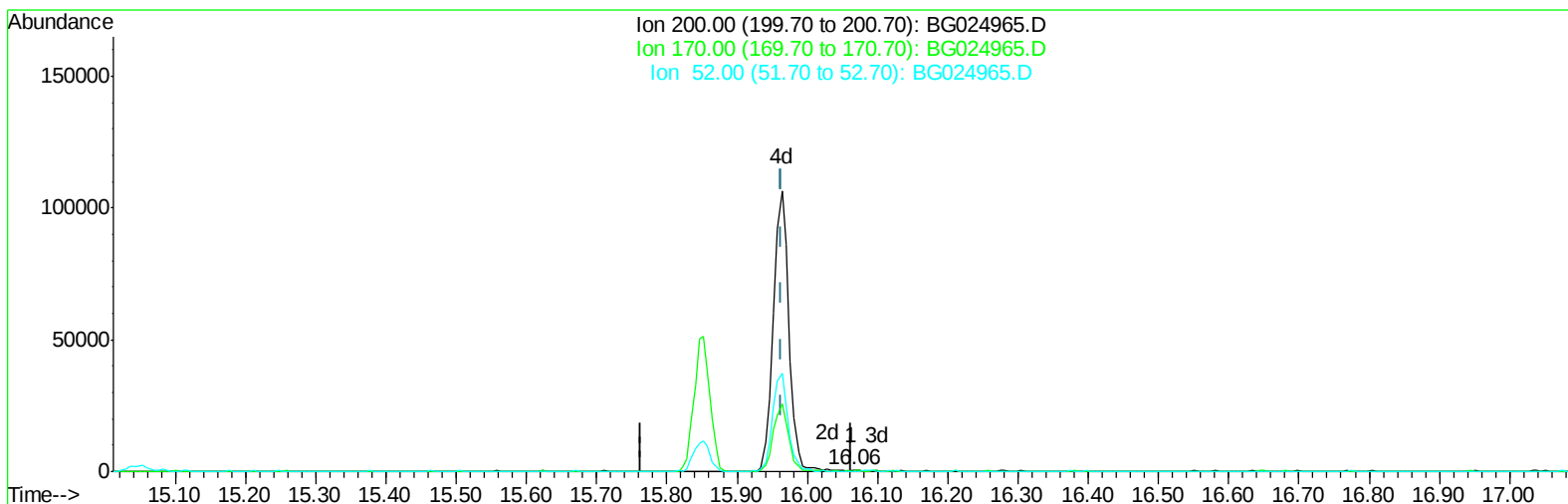
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024965.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5733-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA8Z5

Manual Integrations
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Quant Time: Dec 03 00:20:07 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: BG024965.D

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

16.064min (+0.100) 0.11ng/ul

response 472

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	30.37#
52.00	47.20	0.00#
0.00	0.00	0.00

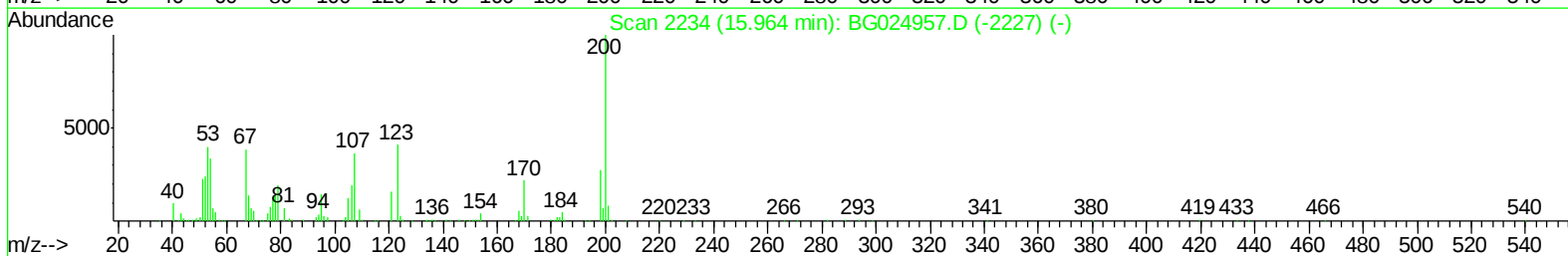
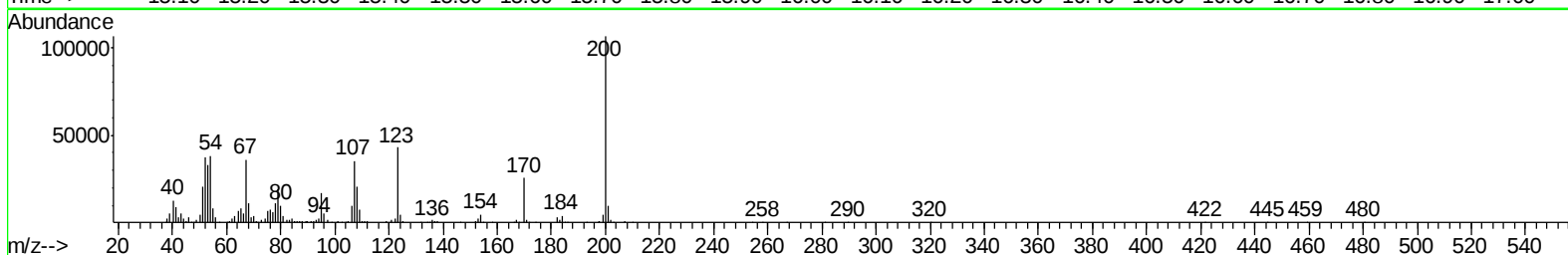
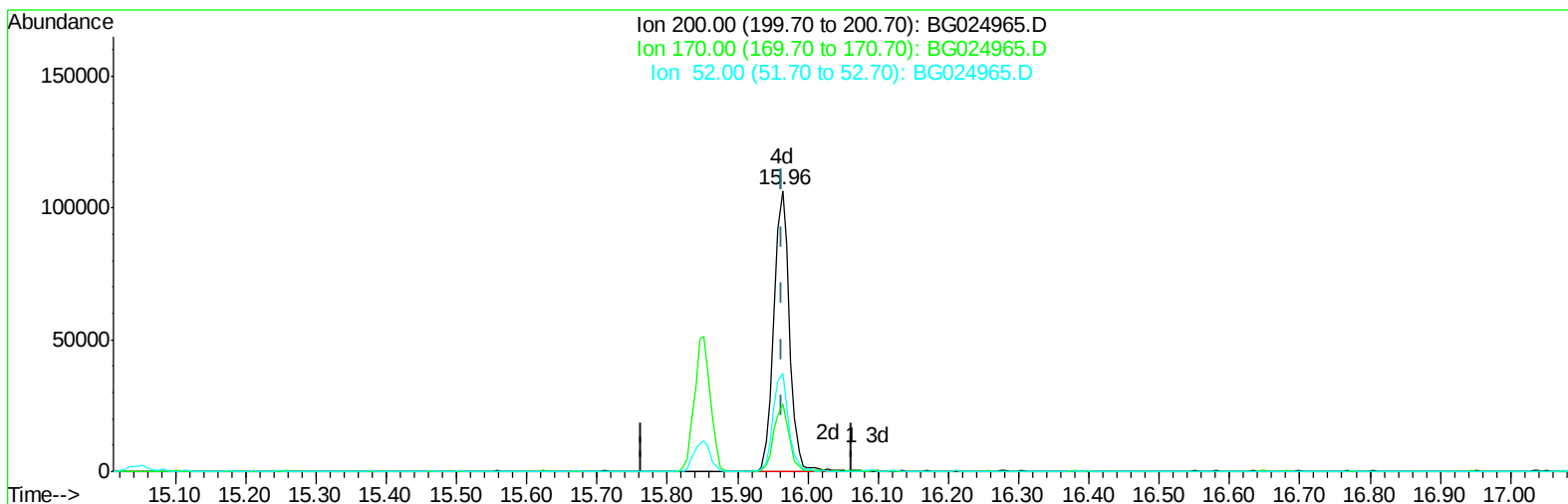
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
Data File : BG024965.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5733-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YA8Z5

Manual Integrations
APPROVED

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12/5/2016 11:19:38 AM

Quant Time: Dec 03 00:20:07 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: BG024965.D

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

15.964min (-0.000) 36.48ng/ul m

response 163631

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	24.02
52.00	47.20	35.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120216\
 Data File : BG024965.D
 Acq On : 2 Dec 2016 20:47
 Operator : UM/SJ
 Sample : H5733-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YA8Z5

Manual Integrations
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Quant Time: Dec 03 00:20:28 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	81524	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	342391	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	300629	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	725521m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1022268	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1044104	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	3819	2.42	ng/uL	0.00
5) Phenol-d5	7.38	99	62184	8.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	141632	32.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	136512	27.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	101838	17.33	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	78852	32.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	100962	33.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	173661	29.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	175	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	710857	34.38	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	688661	30.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	29444m	8.28	ng/ul	0.00
57) Fluorene-d10	15.85	176	645683	33.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	163631m	36.48	ng/ul	0.00
70) Anthracene-d10	17.70	188	1154027	37.69	ng/ul	0.00
76) Pyrene-d10	19.98	212	1534978	36.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1572570	37.17	ng/ul	0.00

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

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