

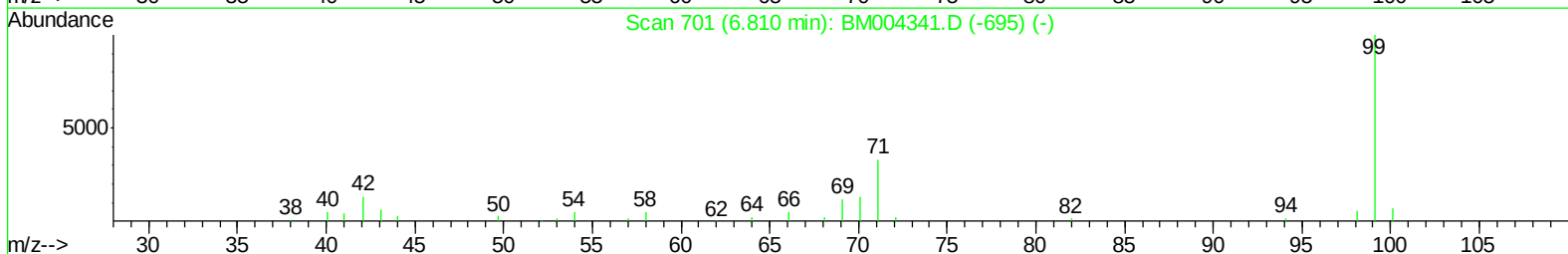
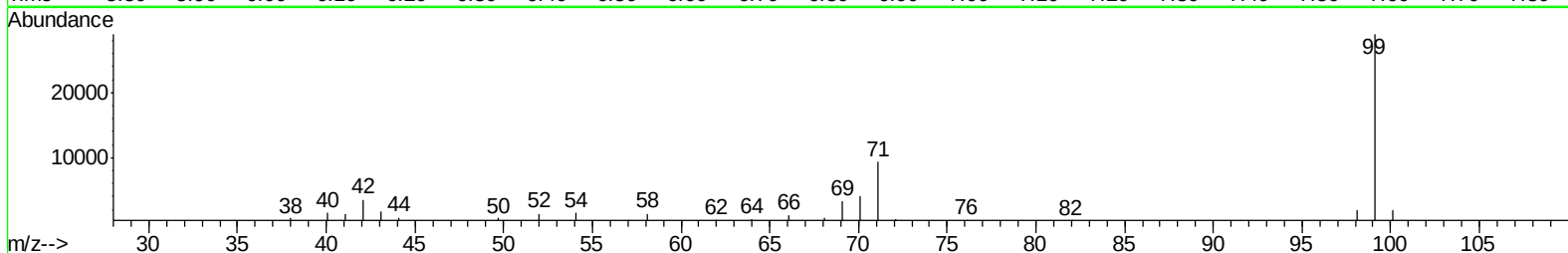
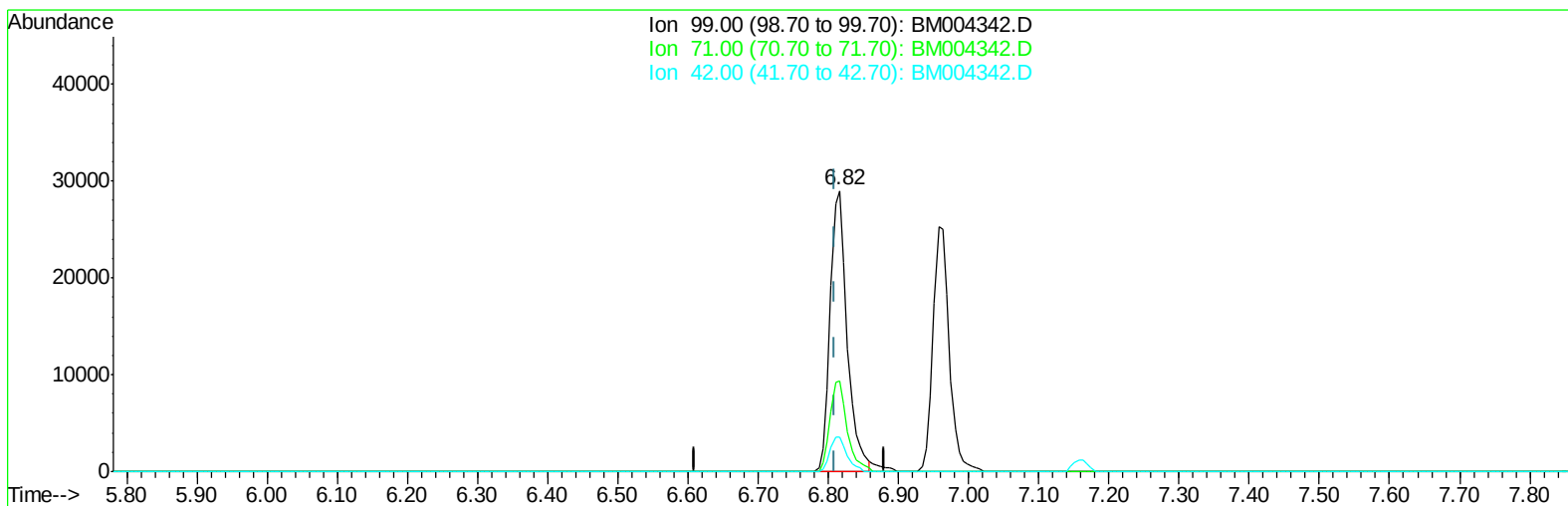
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 01:02:10 2016
Response via : Initial Calibration



TIC: BM004342.D

(5) Phenol-d5 (S)

6.816min (+0.006) 23.57ng/ul

response 48534

Ion	Exp%	Act%
99.00	100	100
71.00	35.10	32.29
42.00	14.10	12.38
0.00	0.00	0.00

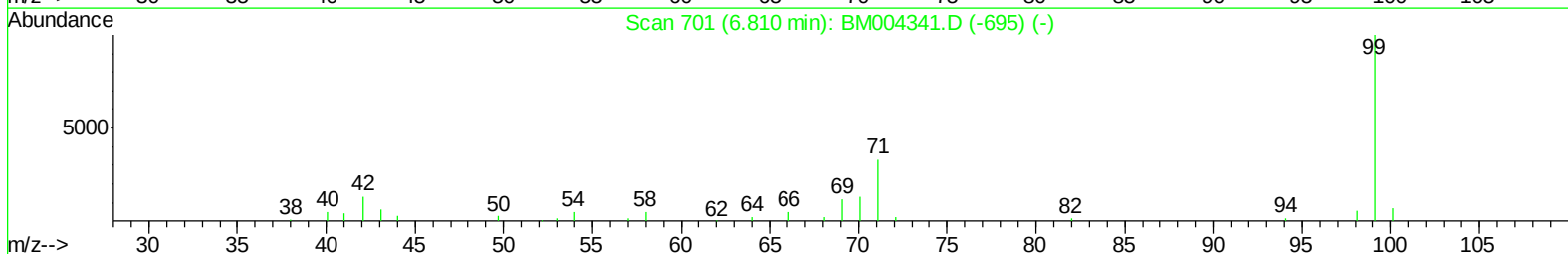
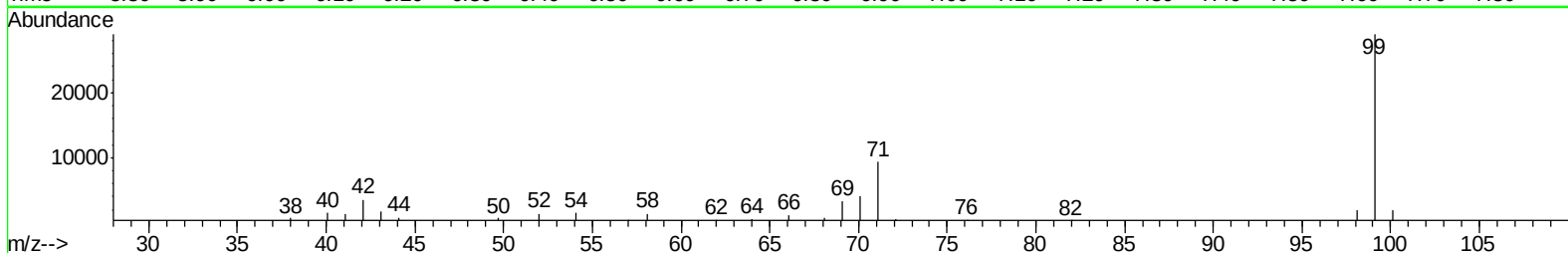
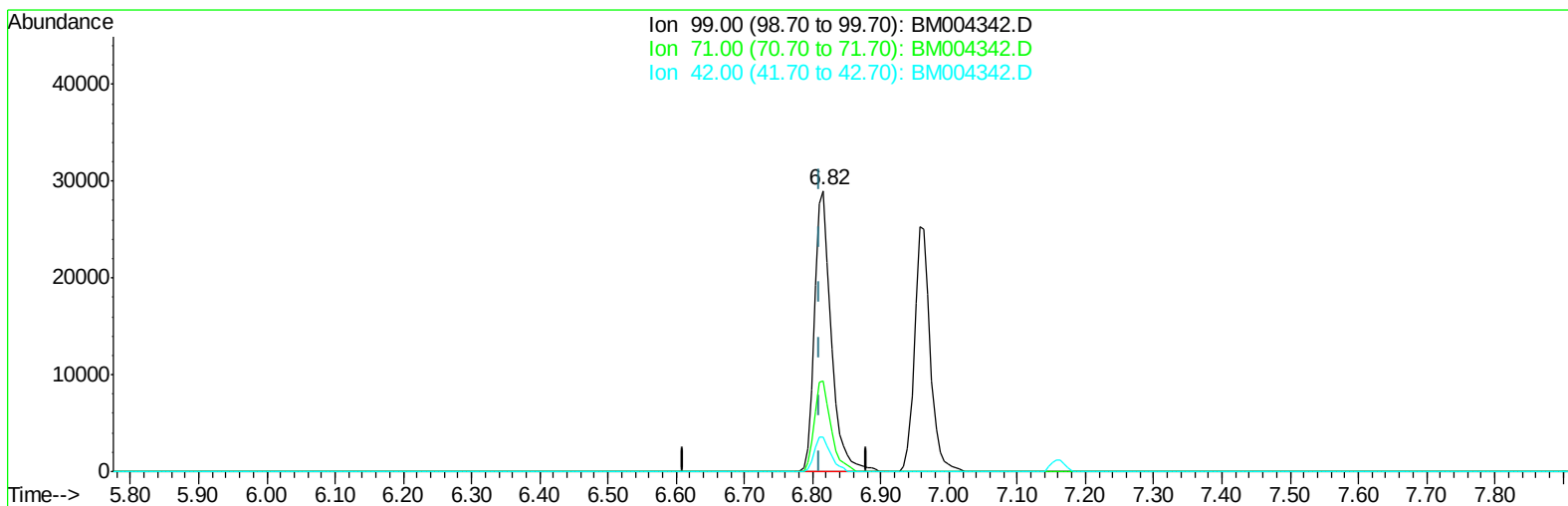
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
APPROVED

UMANGI
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Quant Time: Feb 24 01:06:16 2016
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QLast Update : Wed Feb 24 01:02:10 2016
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TIC: BM004342.D

(5) Phenol-d5 (S)

6.816min (+0.006) 24.10ng/ul m

response 49625

Ion	Exp%	Act%
99.00	100	100
71.00	35.10	32.29
42.00	14.10	12.38
0.00	0.00	0.00

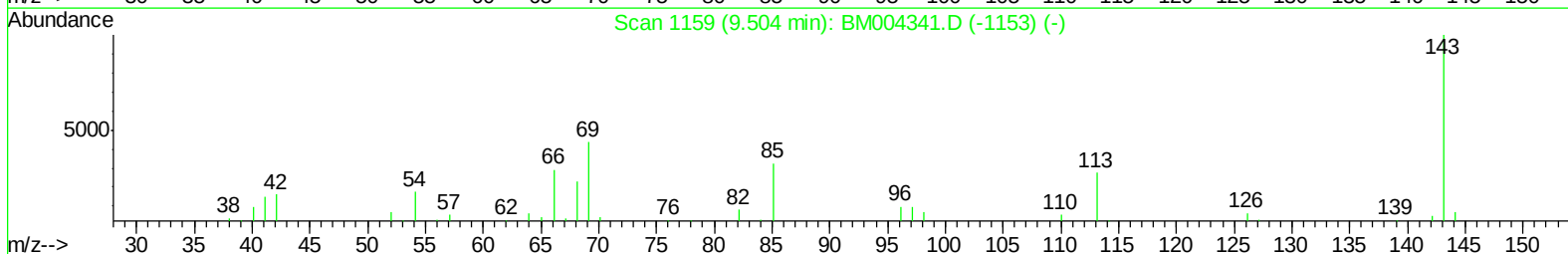
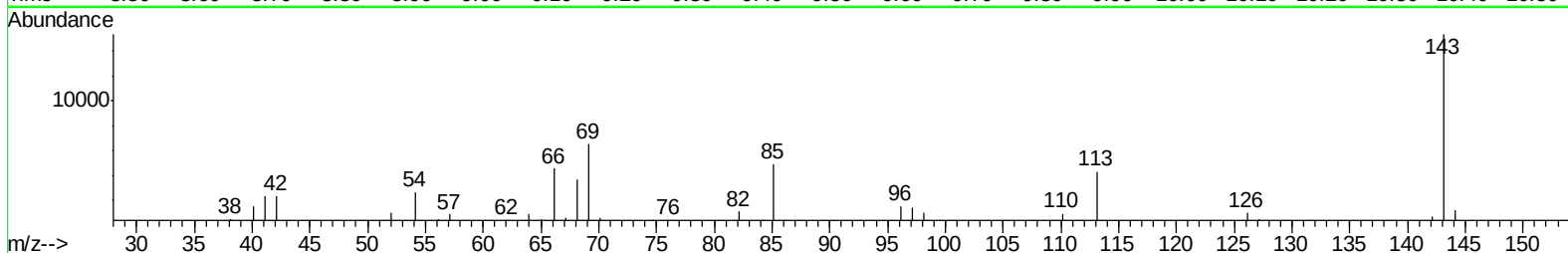
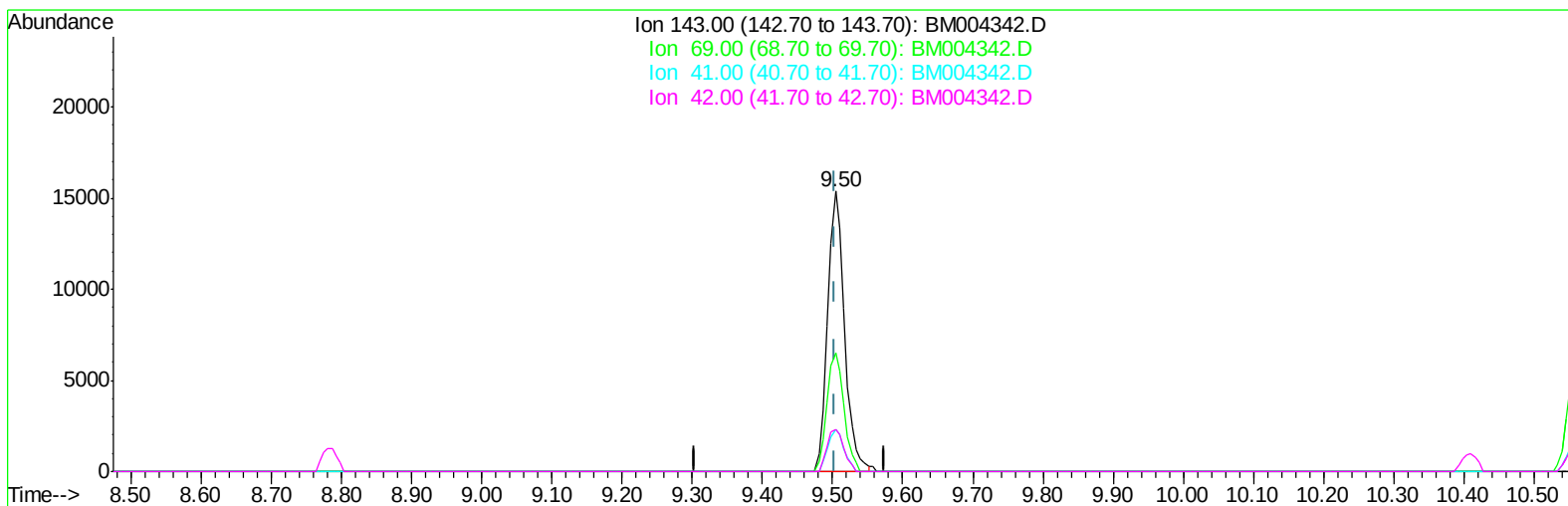
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM004342.D

(22) 2-Nitrophenol-d4 (S)
9.504min (-0.000) 24.83ng/ul

response 25515

Ion	Exp%	Act%
143.00	100	100
69.00	46.40	42.40
41.00	16.40	14.82
42.00	17.60	15.24

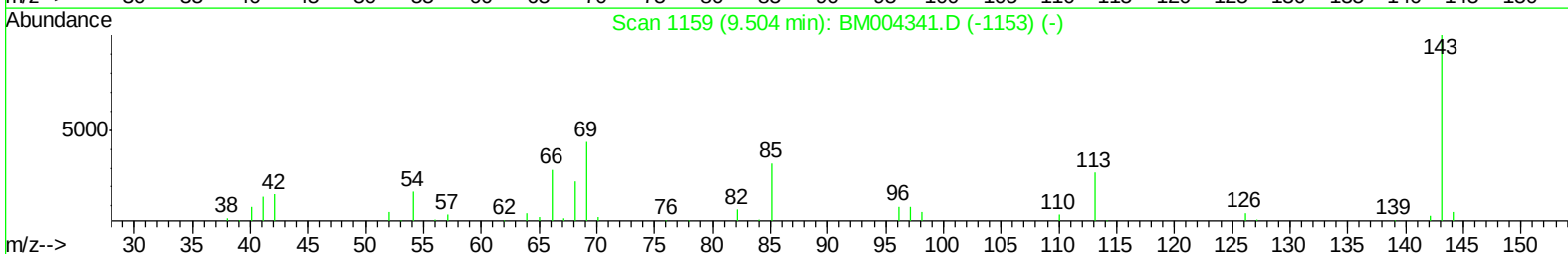
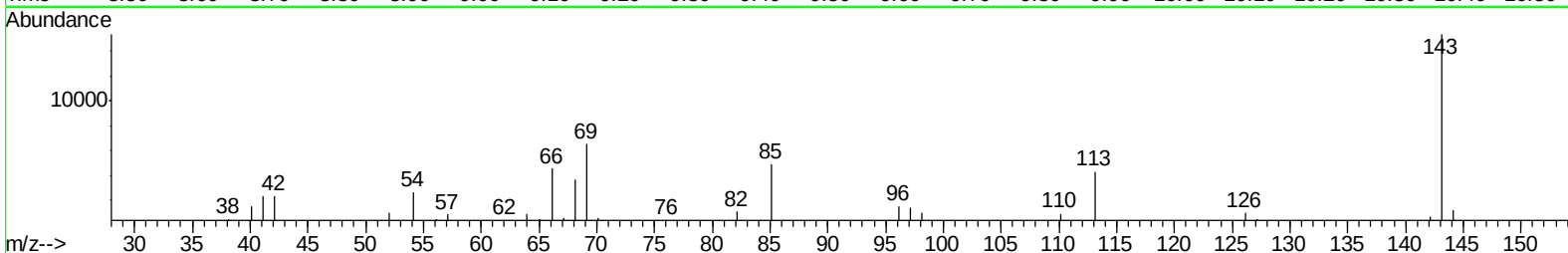
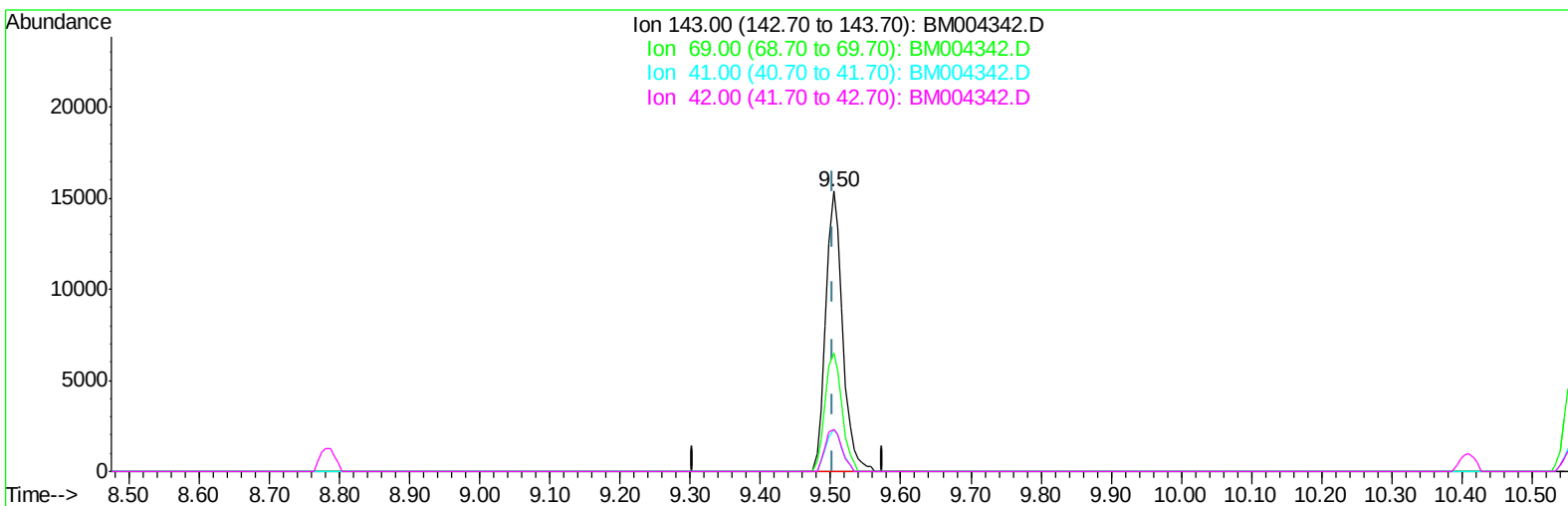
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
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QLast Update : Wed Feb 24 01:02:10 2016
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TIC: BM004342.D

(22) 2-Nitrophenol-d4 (S)

9.504min (-0.000) 24.93ng/ul m

response 25619

Ion	Exp%	Act%
143.00	100	100
69.00	46.40	42.40
41.00	16.40	14.82
42.00	17.60	15.24

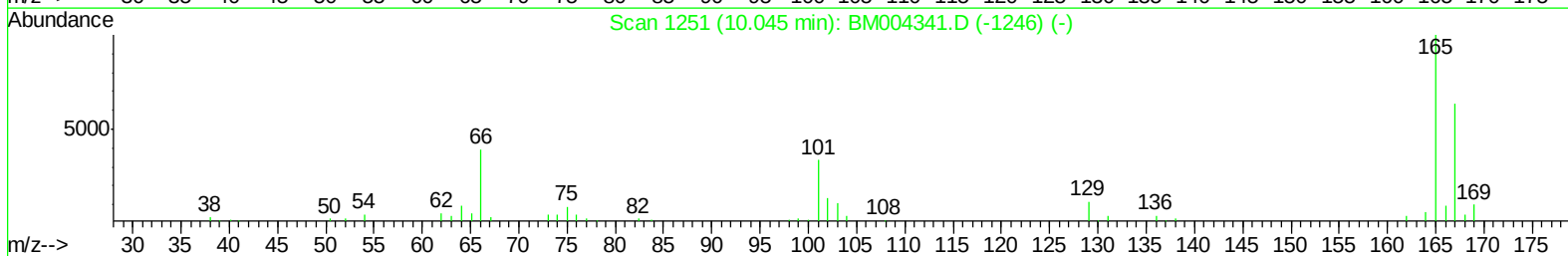
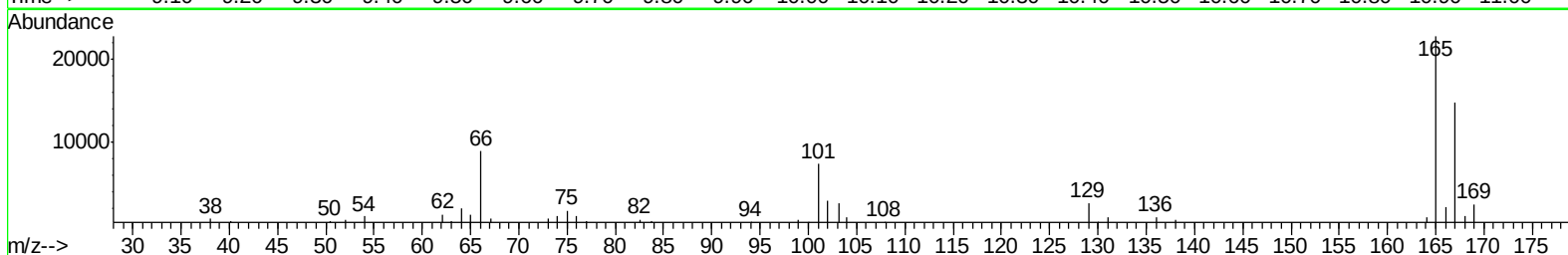
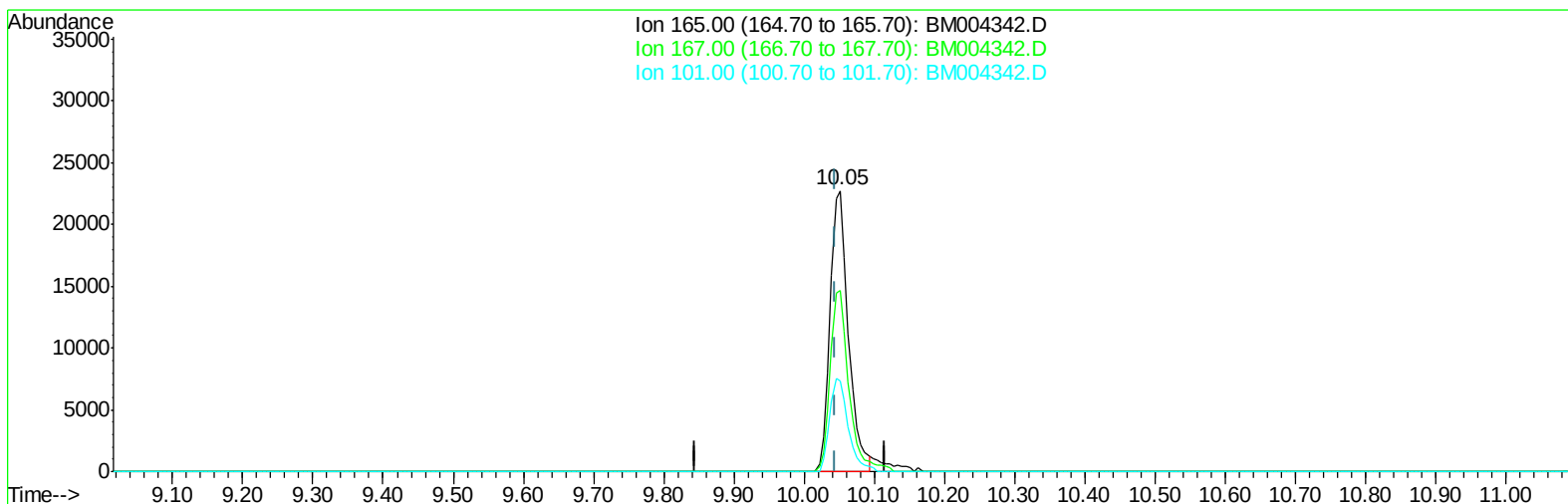
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:06:16 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 01:02:10 2016
Response via : Initial Calibration



TIC: BM004342.D

(26) 2,4-Dichlorophenol-d3 (S)

10.051min (+0.006) 21.97ng/ul

response 40799

Ion	Exp%	Act%
165.00	100	100
167.00	65.30	64.72
101.00	34.20	32.31
0.00	0.00	0.00

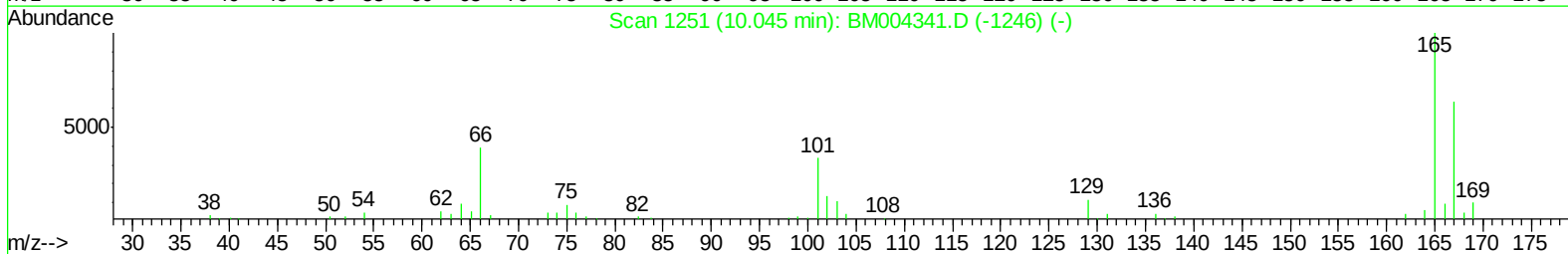
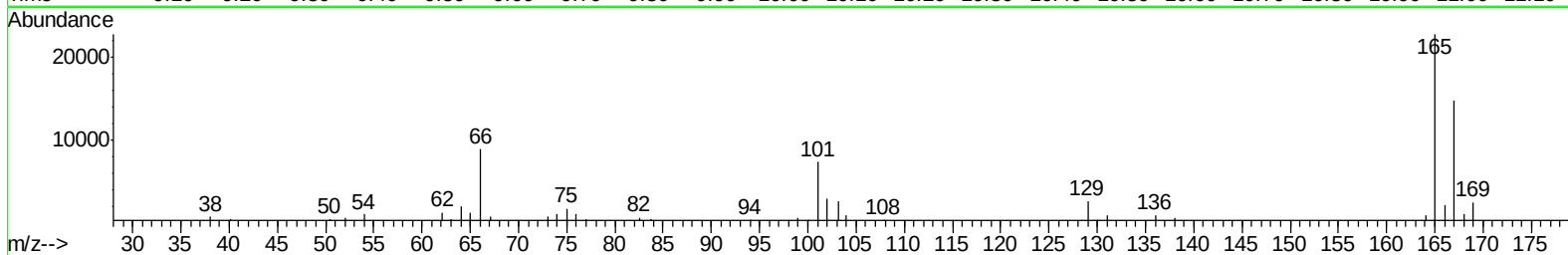
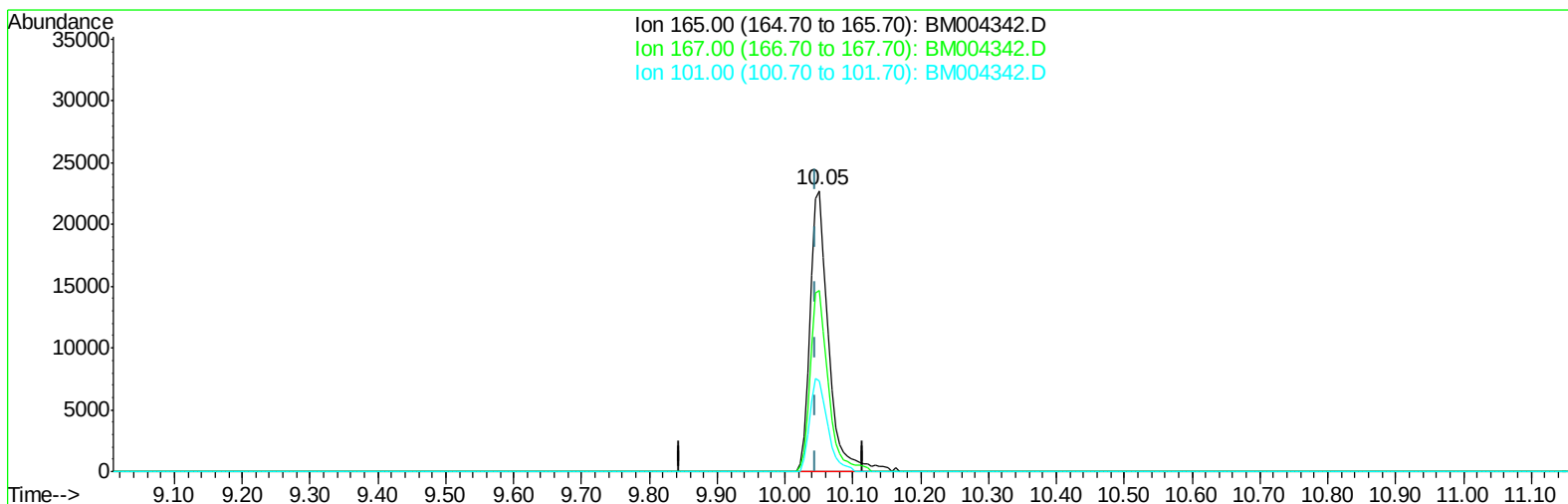
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 01:02:10 2016
Response via : Initial Calibration



TIC: BM004342.D

(26) 2,4-Dichlorophenol-d3 (S)

10.051min (+0.006) 23.10ng/ul m

response 42902

Ion	Exp%	Act%
165.00	100	100
167.00	65.30	64.72
101.00	34.20	32.31
0.00	0.00	0.00

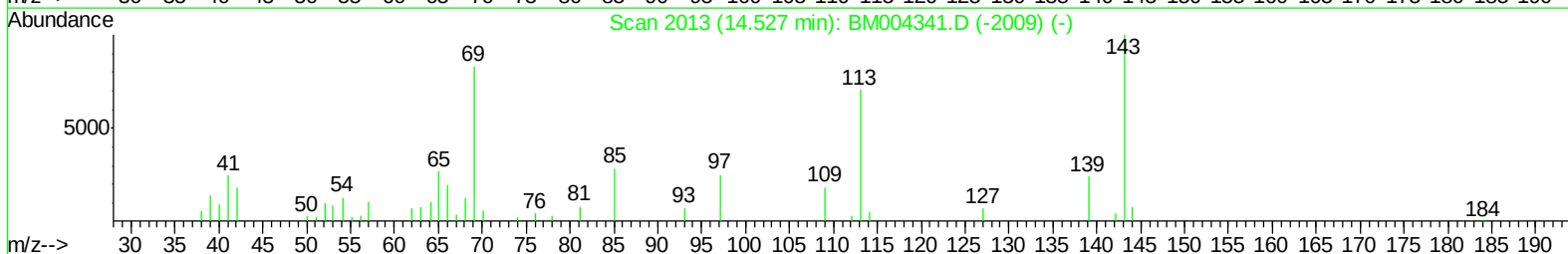
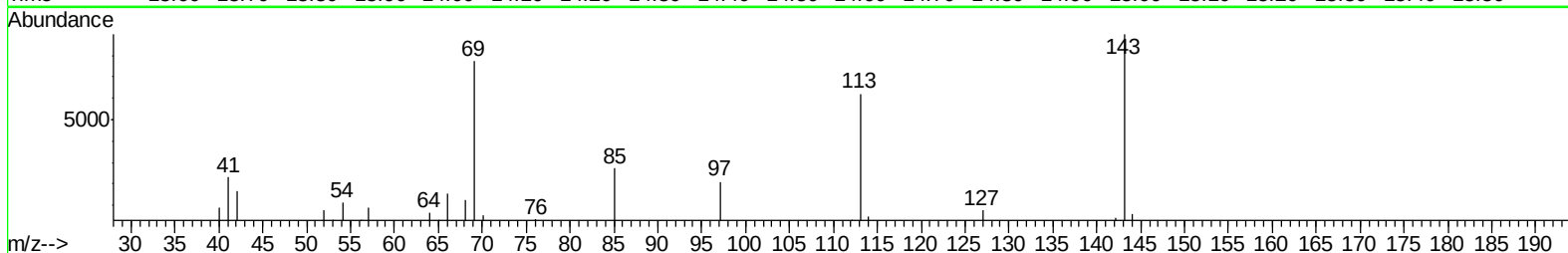
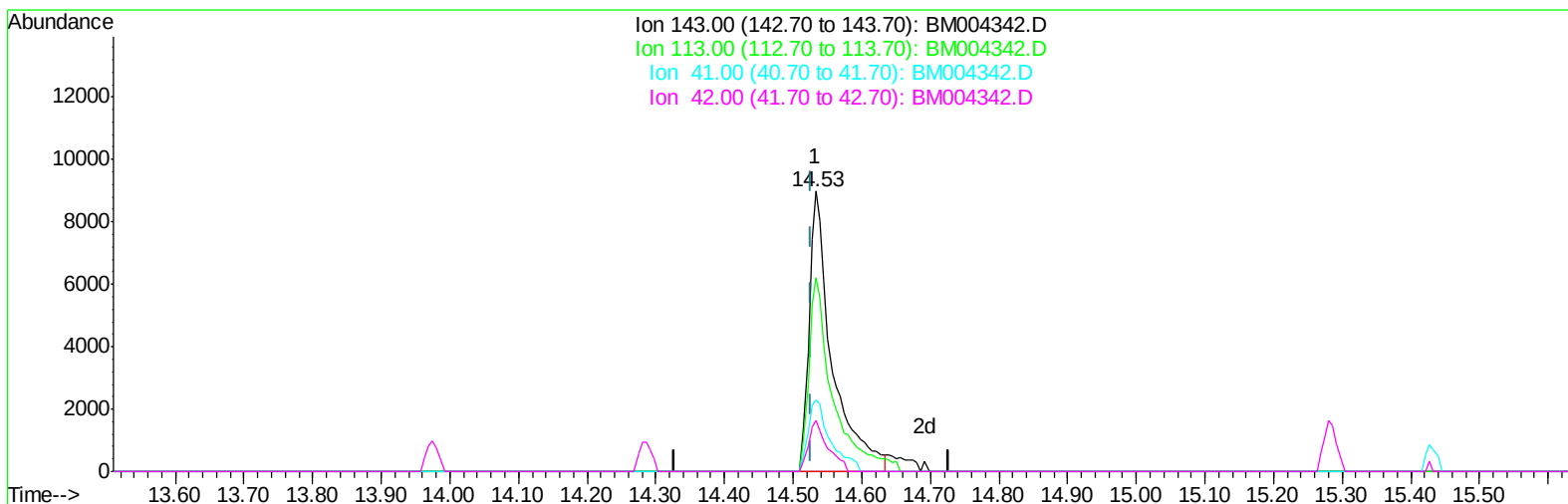
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
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UMANGI
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Quant Time: Feb 24 01:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
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TIC: BM004342.D

(52) 4-Nitrophenol-d4 (S)

14.533min (+0.006) 20.33ng/ul

response 20913

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	69.13
41.00	28.80	25.68
42.00	19.10	18.32

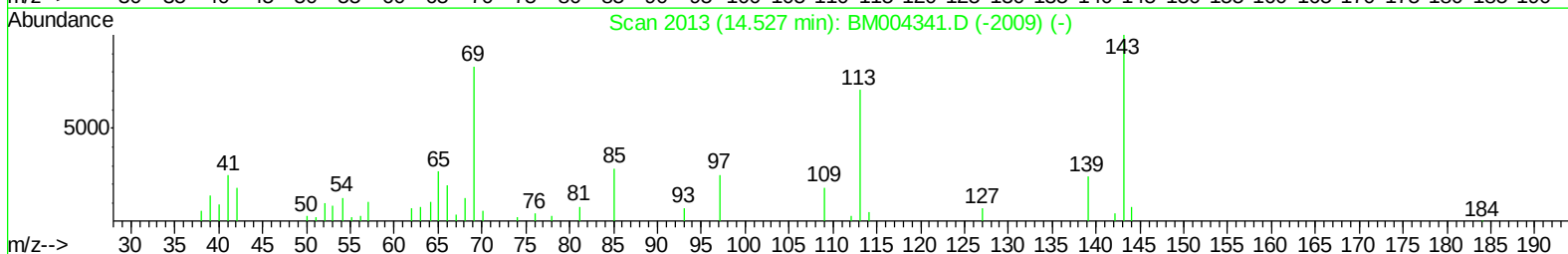
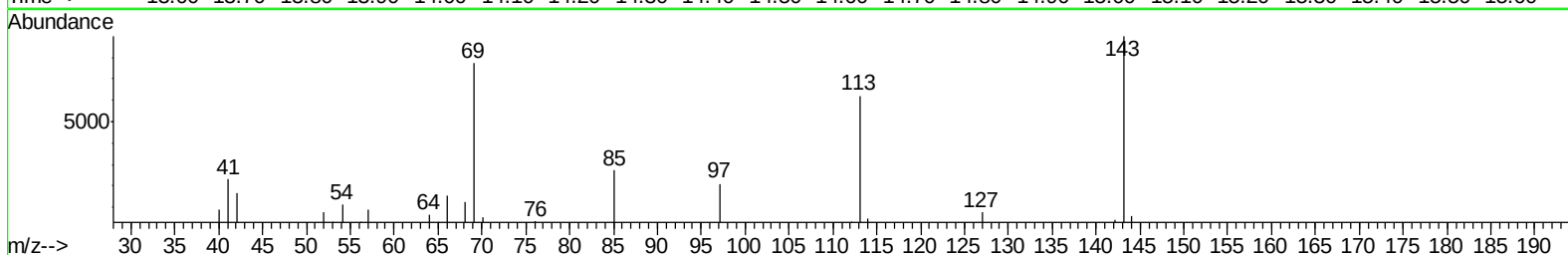
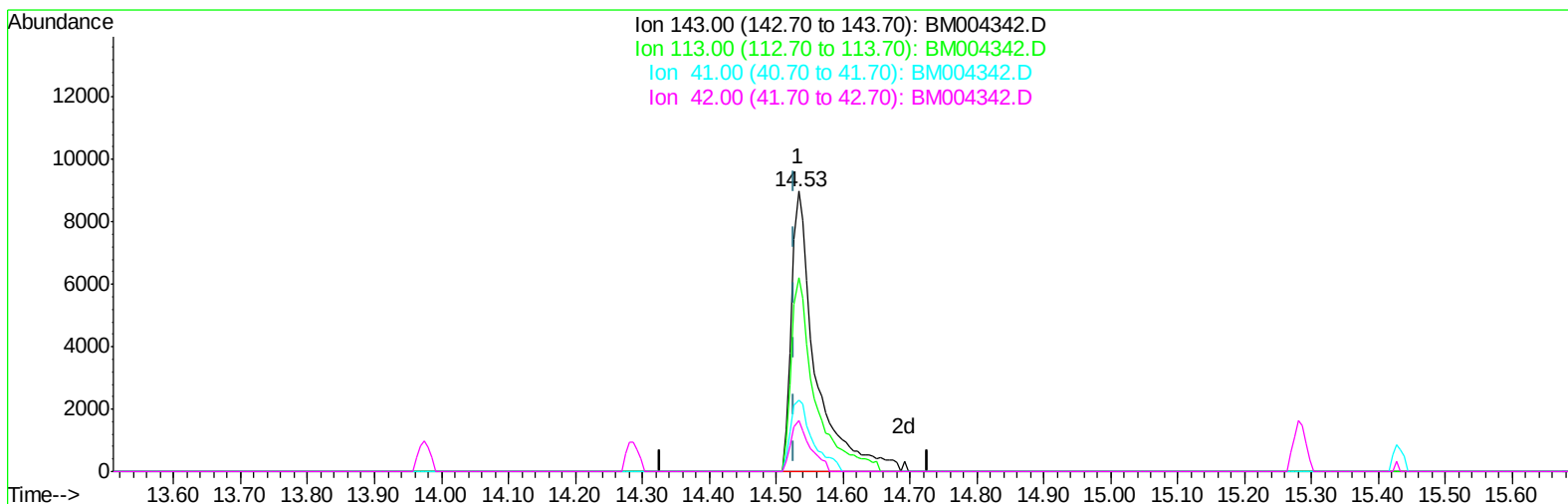
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 01:02:10 2016
Response via : Initial Calibration



TIC: BM004342.D

(52) 4-Nitrophenol-d4 (S)

14.533min (+0.006) 21.47ng/ul m

response 22083

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	69.13
41.00	28.80	25.68
42.00	19.10	18.32

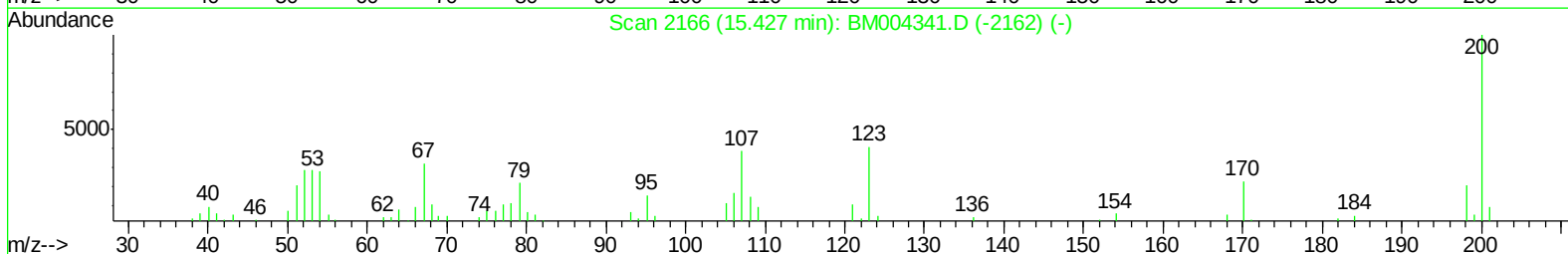
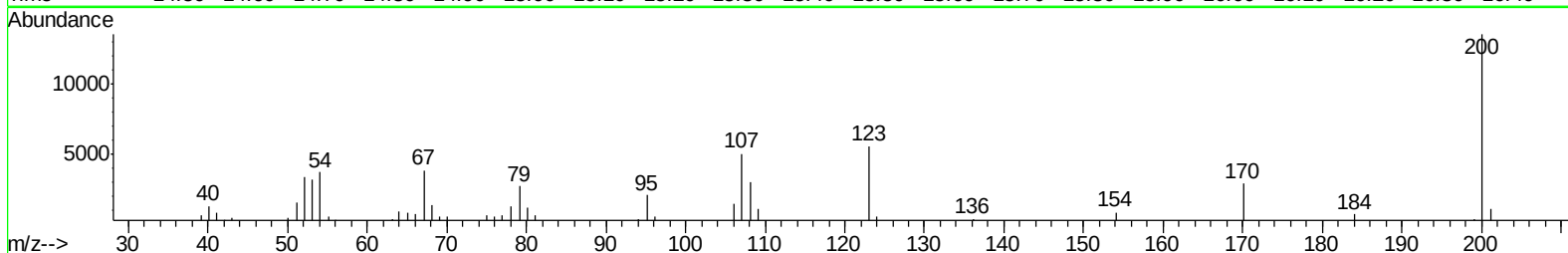
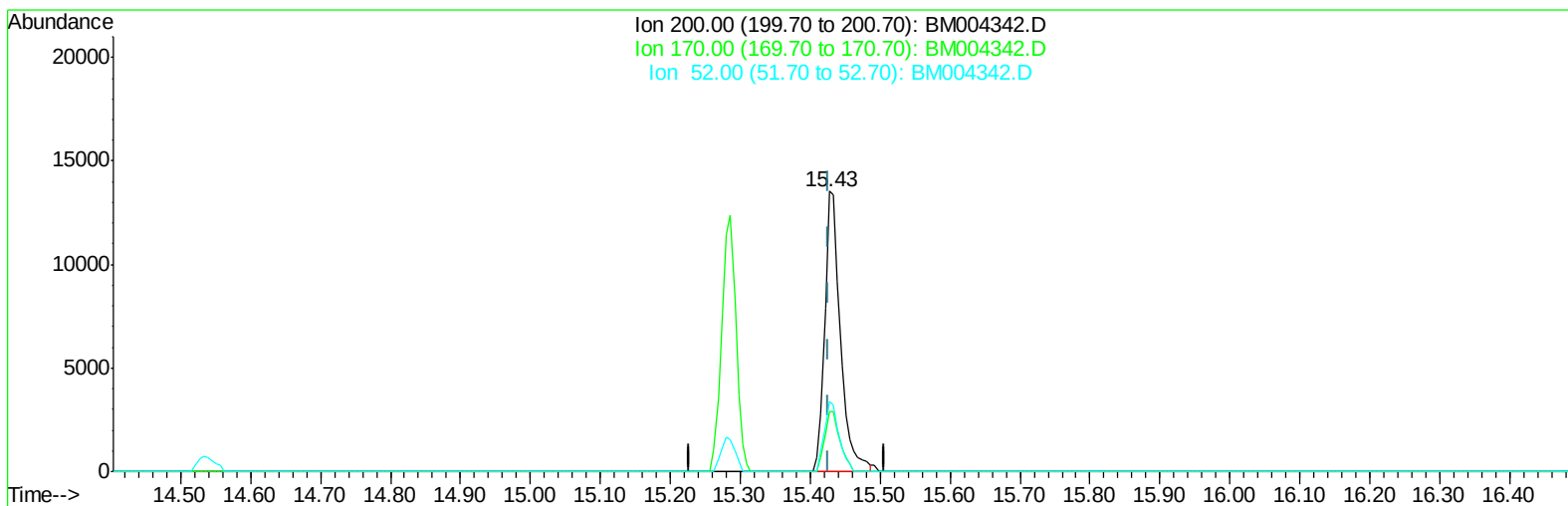
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Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
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UMANGI
2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 01:02:10 2016
Response via : Initial Calibration



TIC: BM004342.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.427min (-0.000) 19.15ng/ul

response 21123

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	21.46
52.00	33.60	24.82#
0.00	0.00	0.00

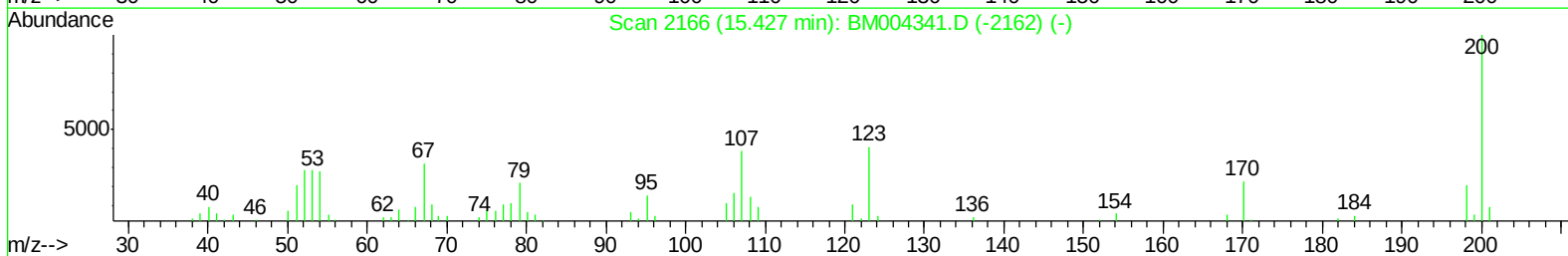
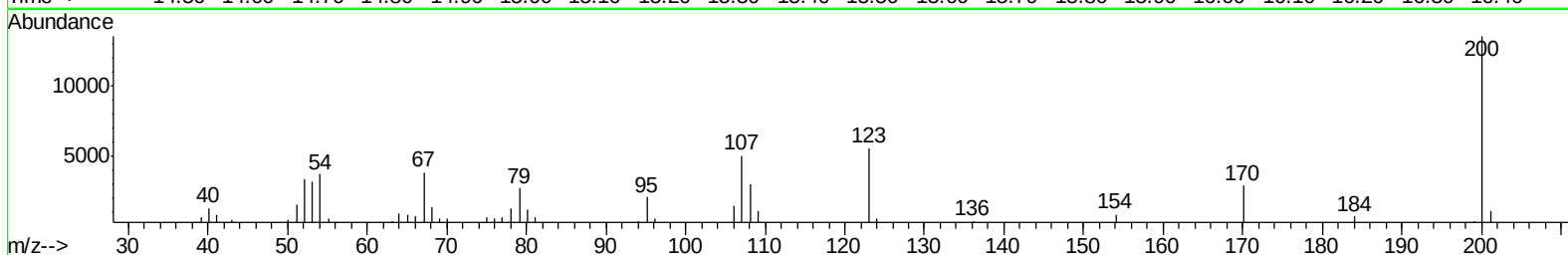
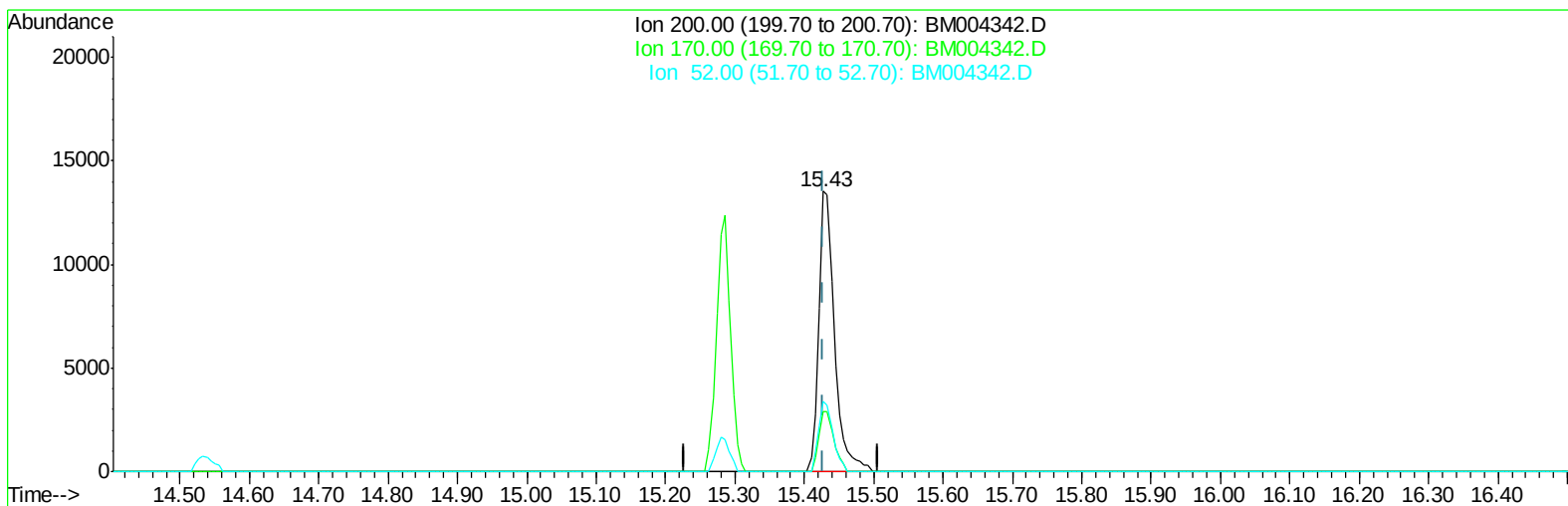
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004342.D
Acq On : 23 Feb 2016 10:30
Operator : SJ/UM
Sample : PB88462BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BM004342.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.427min (-0.000) 19.25ng/ul m

response 21241

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	21.46
52.00	33.60	24.82#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
 Data File : BM004342.D
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 Operator : SJ/UM
 Sample : PB88462BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

UMANGI
 2/24/2016 4:30:24 PM

Quant Time: Feb 24 01:15:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	24553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	118488	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	74615	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	179601	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	214956	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	185371	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2681	5.75	ng/uL	0.00
5) Phenol-d5	6.82	99	49625m	24.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	28602	27.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	45608	25.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	44220	24.04	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	22375	24.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	25619m	24.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	42902m	23.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	69482	30.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	177975	27.81	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	202539	27.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	22083m	21.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	150161	27.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	21241m	19.25	ng/ul	0.00
71) Anthracene-d10	17.14	188	248552	28.24	ng/ul	0.00
79) Pyrene-d10	19.44	212	295216	28.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	286222	29.42	ng/ul	0.00

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

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