

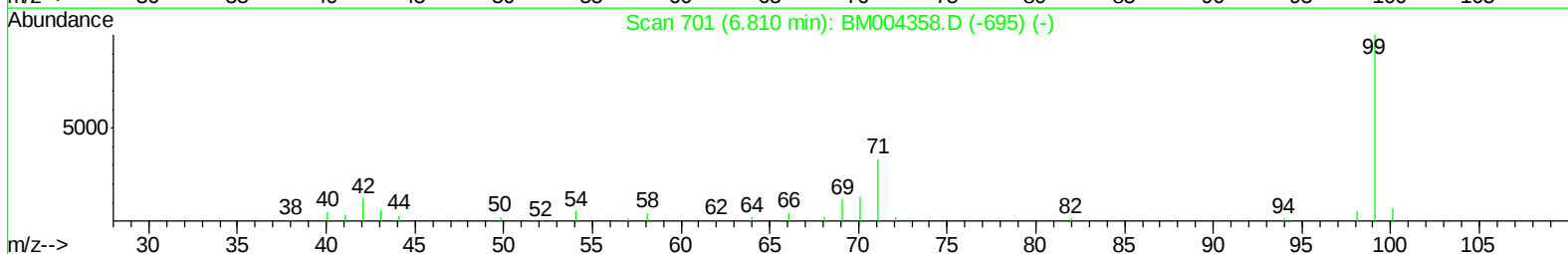
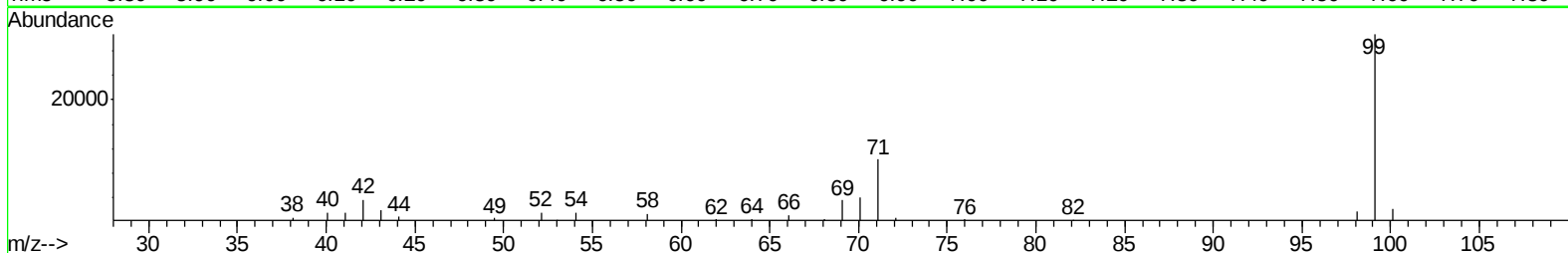
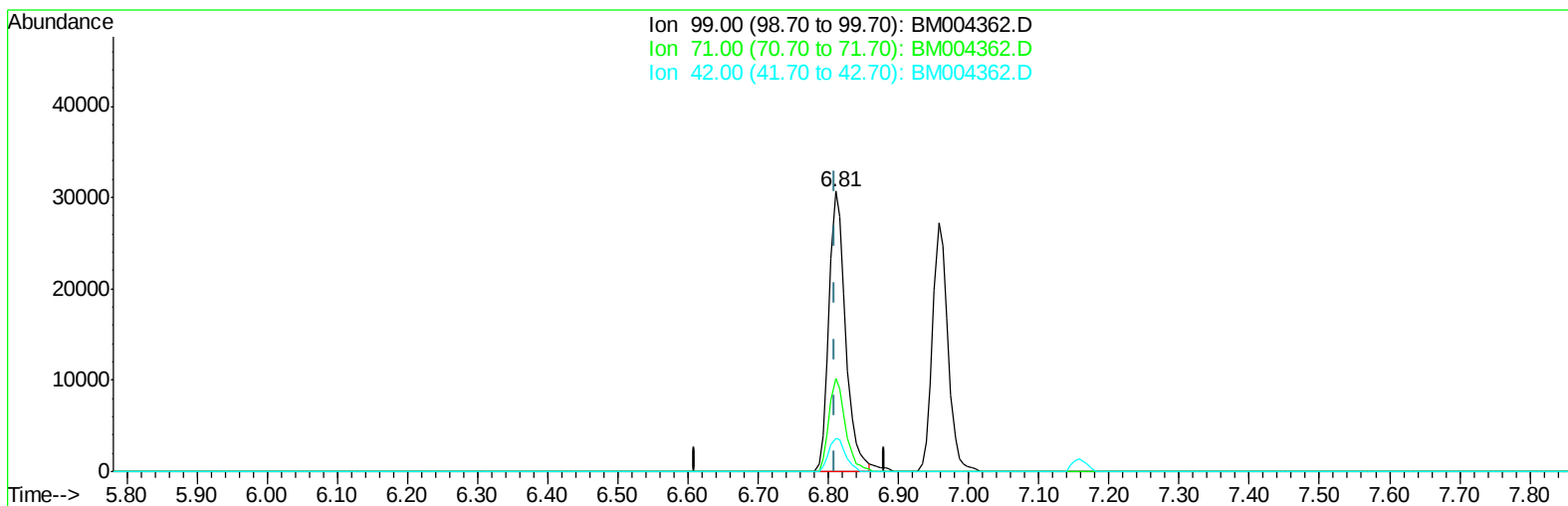
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004362.D
Acq On : 23 Feb 2016 22:34
Operator : SJ/UM
Sample : H1542-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S27-0003

Manual Integrations
APPROVED

UMANGI
2/24/2016 4:31:57 PM

Quant Time: Feb 24 02:57:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration



TIC: BM004362.D

(5) Phenol-d5 (S)

6.810min (-0.000) 19.99ng/ul

response 50285

Ion	Exp%	Act%
99.00	100	100
71.00	35.10	33.34
42.00	14.10	11.90
0.00	0.00	0.00

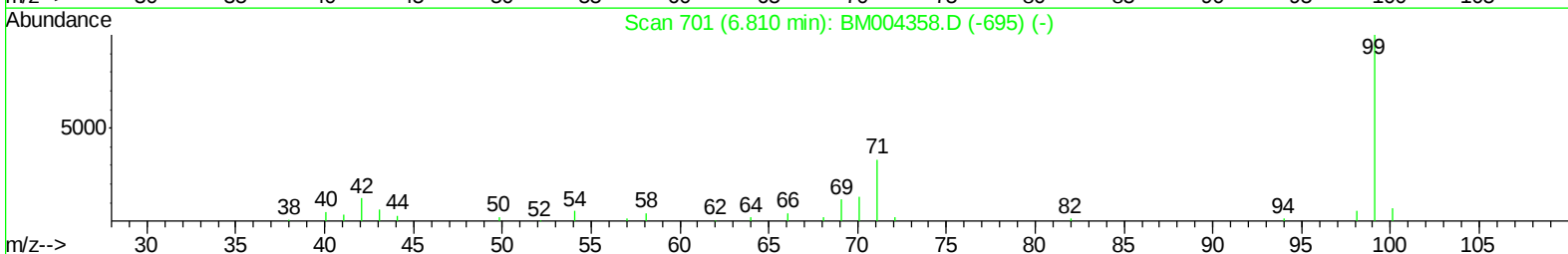
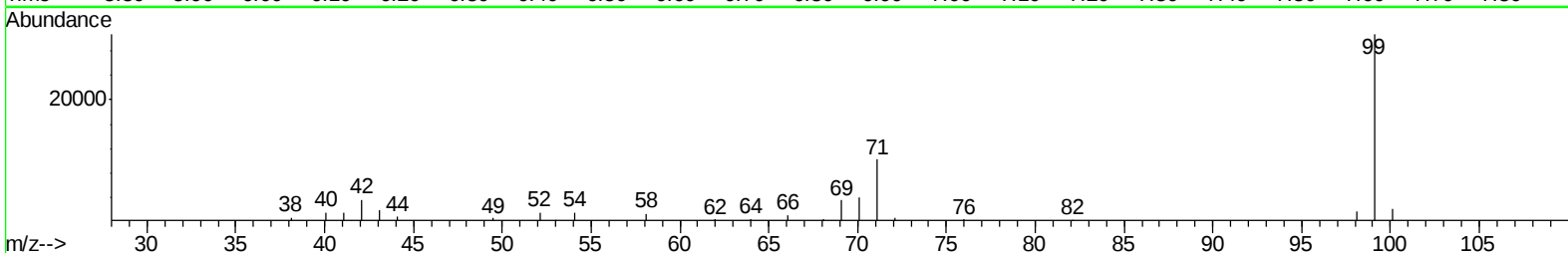
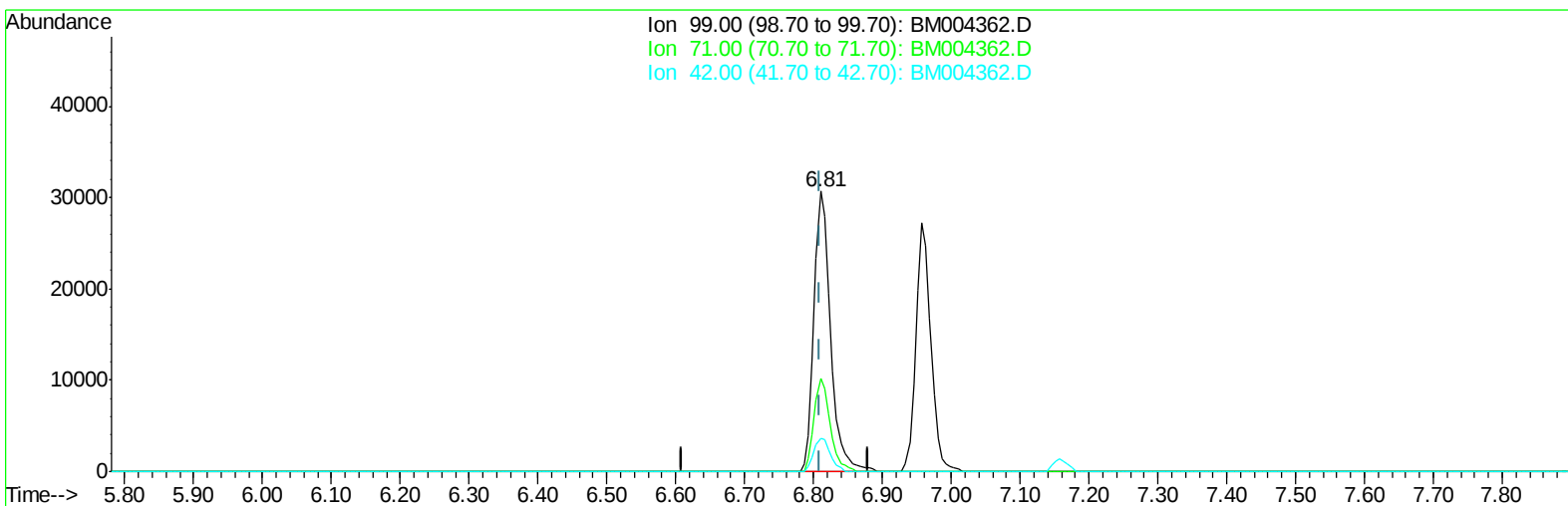
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TIC: BM004362.D

(5) Phenol-d5 (S)

6.810min (-0.000) 20.32ng/ul m

response 51097

Ion	Exp%	Act%
99.00	100	100
71.00	35.10	33.34
42.00	14.10	11.90
0.00	0.00	0.00

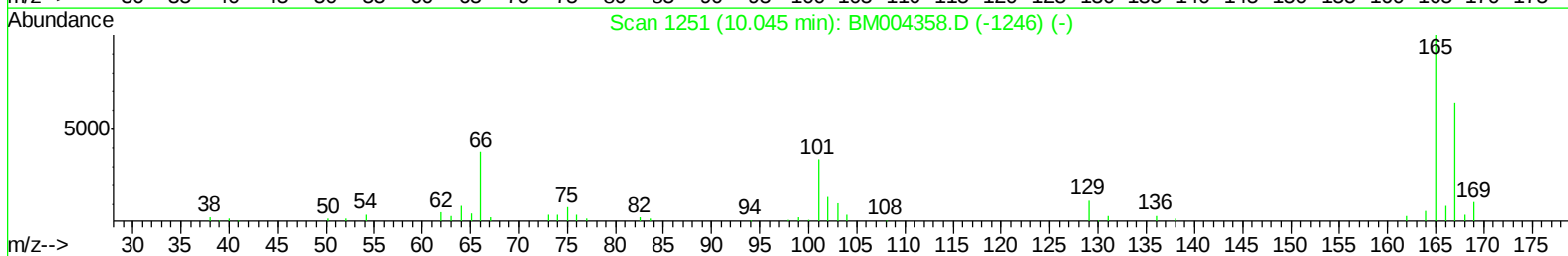
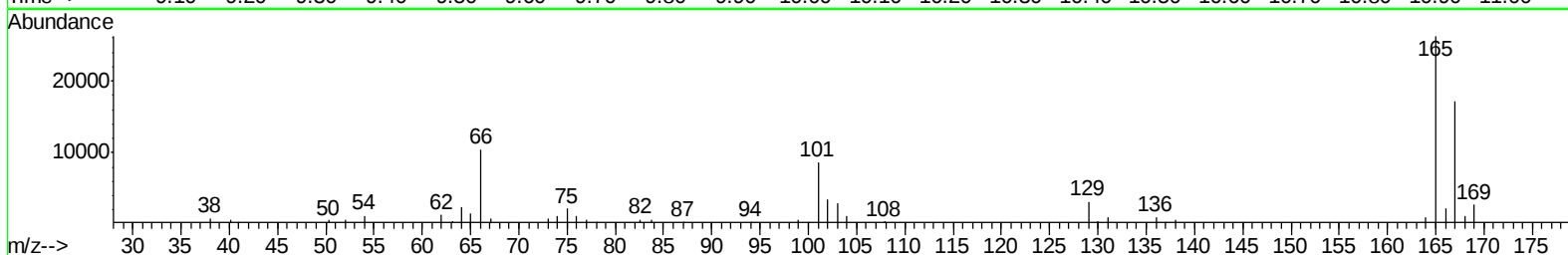
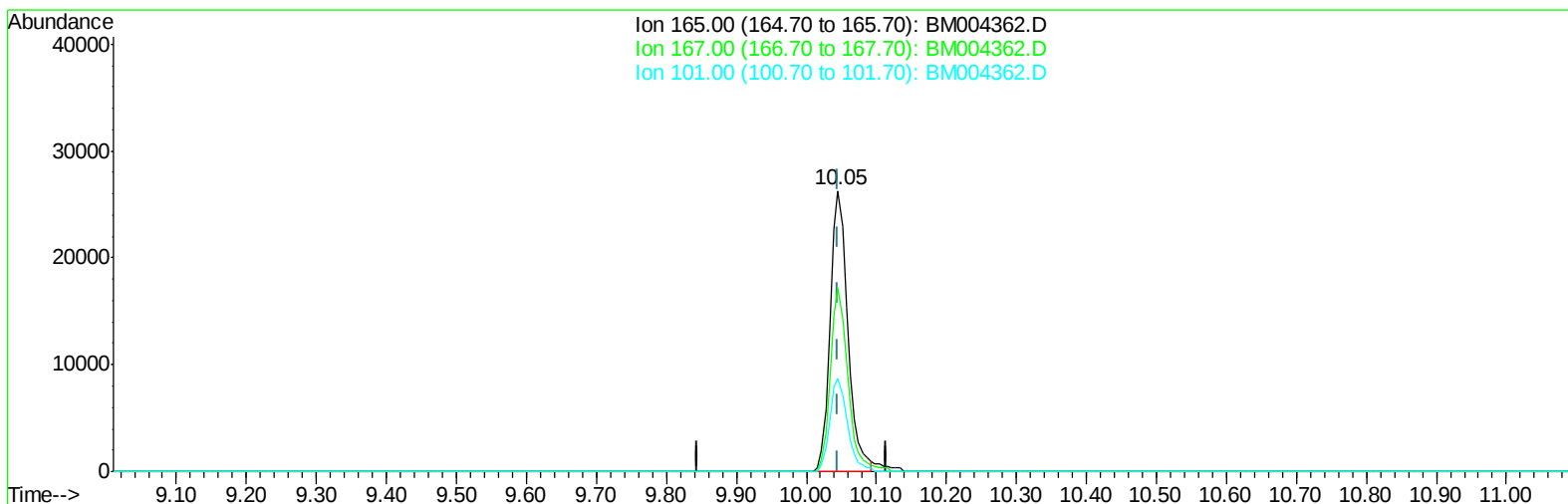
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Data File : BM004362.D
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Operator : SJ/UM
Sample : H1542-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM004362.D

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

10.045min (-0.000) 20.26ng/ul

response 45775

Ion	Exp%	Act%
165.00	100	100
167.00	65.30	65.47
101.00	34.20	33.05
0.00	0.00	0.00

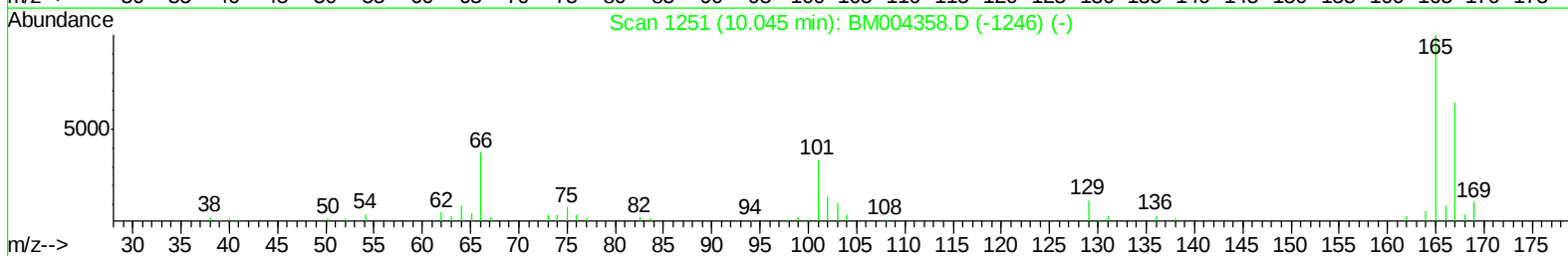
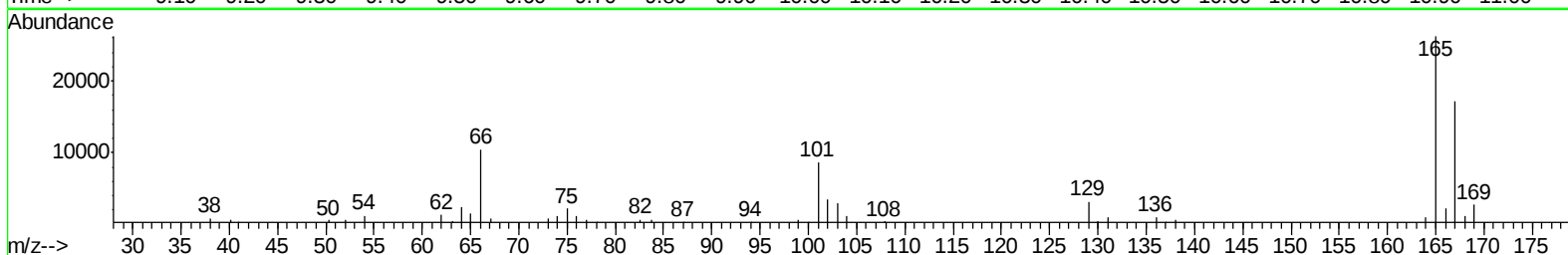
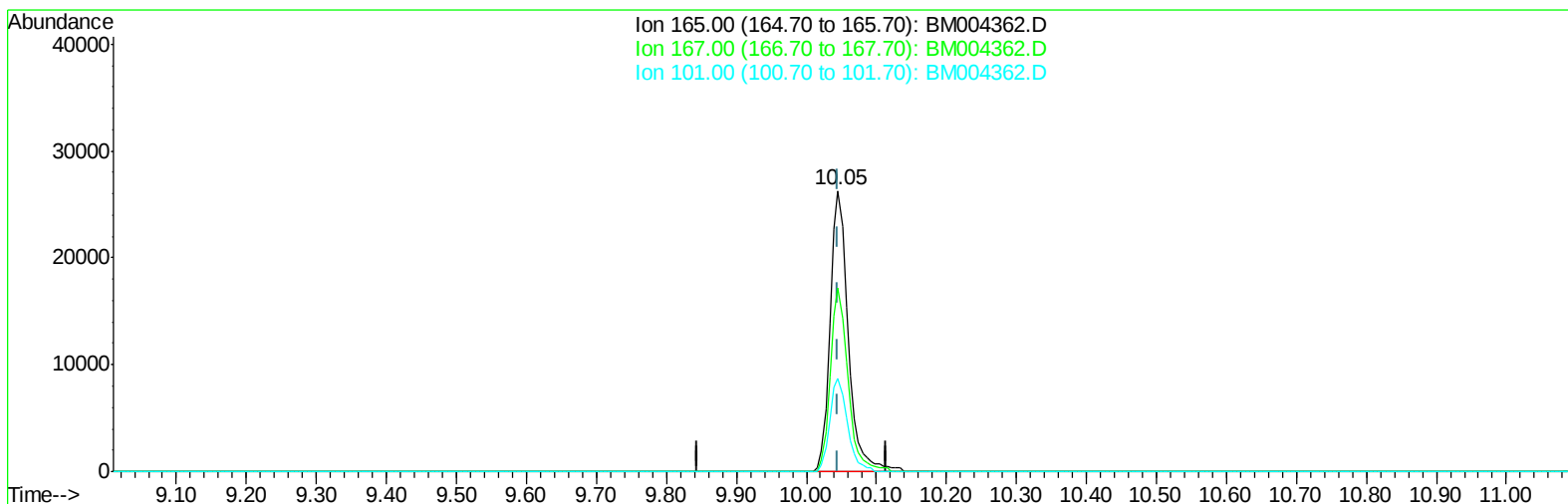
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Acq On : 23 Feb 2016 22:34
Operator : SJ/UM
Sample : H1542-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM004362.D

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

10.045min (-0.000) 20.80ng/ul m

response 46983

Ion	Exp%	Act%
165.00	100	100
167.00	65.30	65.47
101.00	34.20	33.05
0.00	0.00	0.00

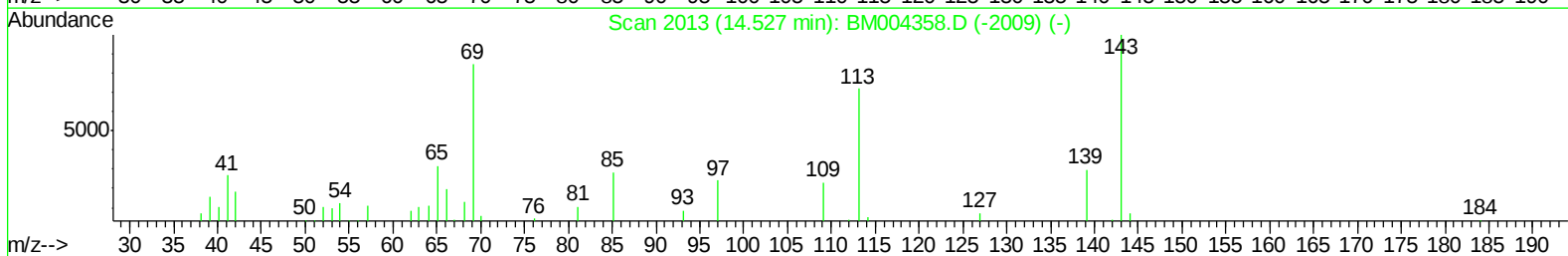
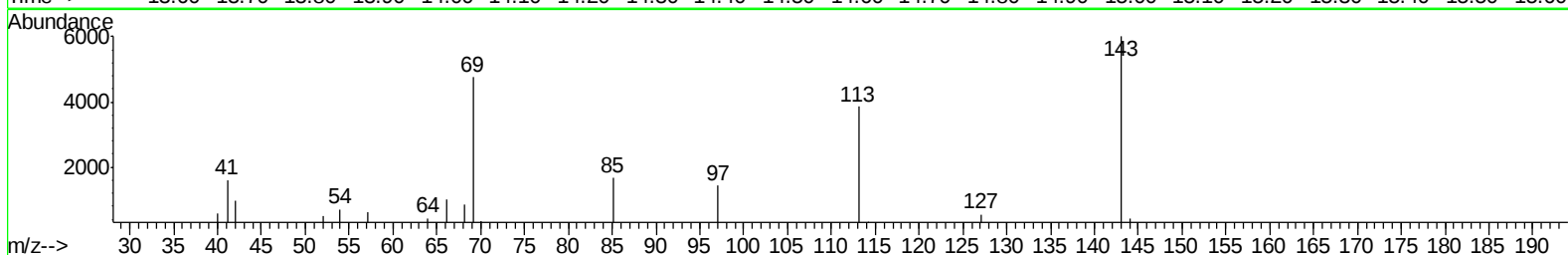
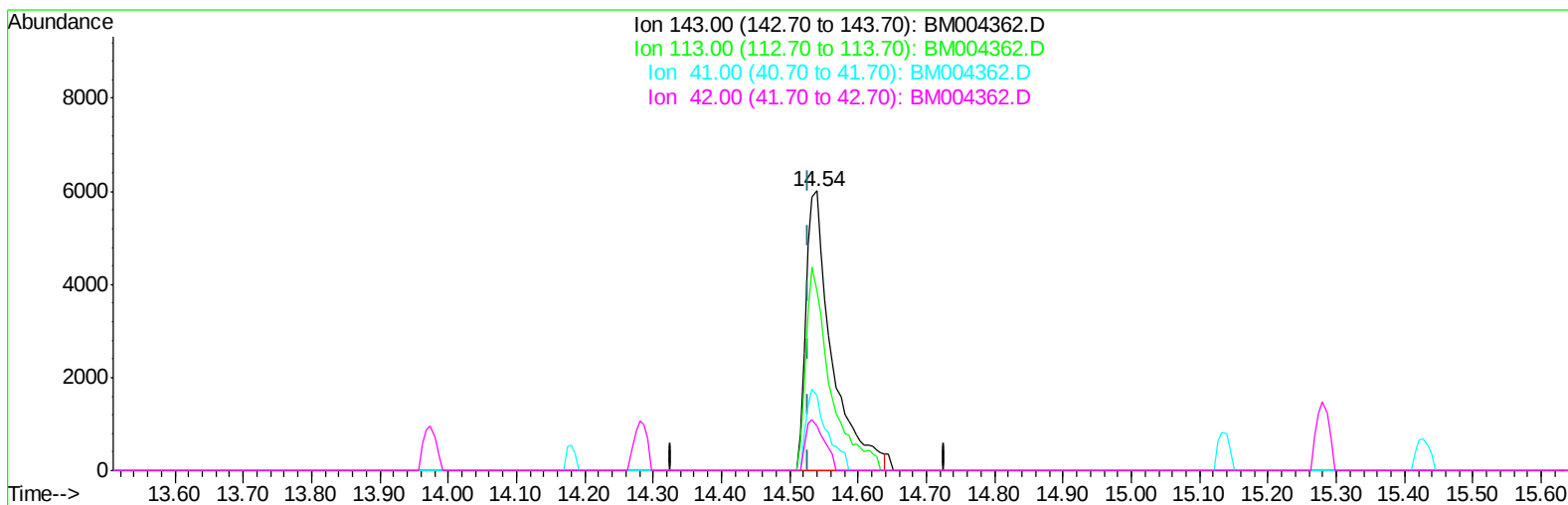
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TIC: BM004362.D

(52) 4-Nitrophenol-d4 (S)

14.539min (+0.012) 13.29ng/ul

response 15685

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	64.16
41.00	28.80	26.75
42.00	19.10	16.09

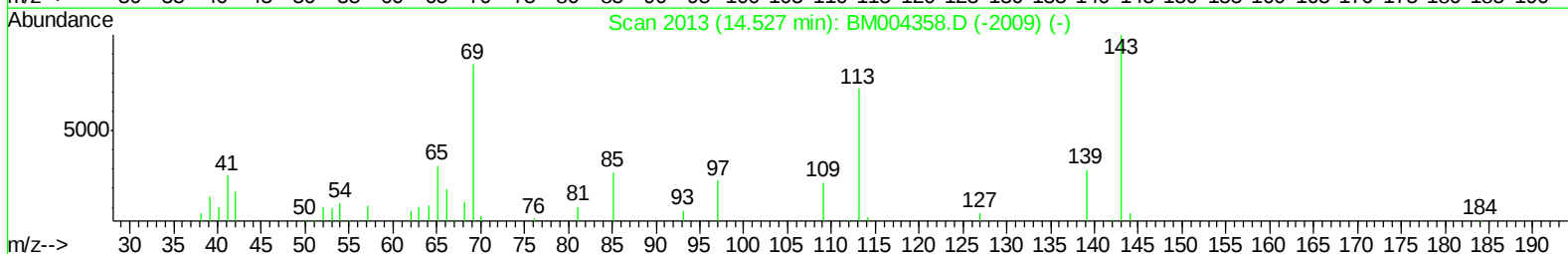
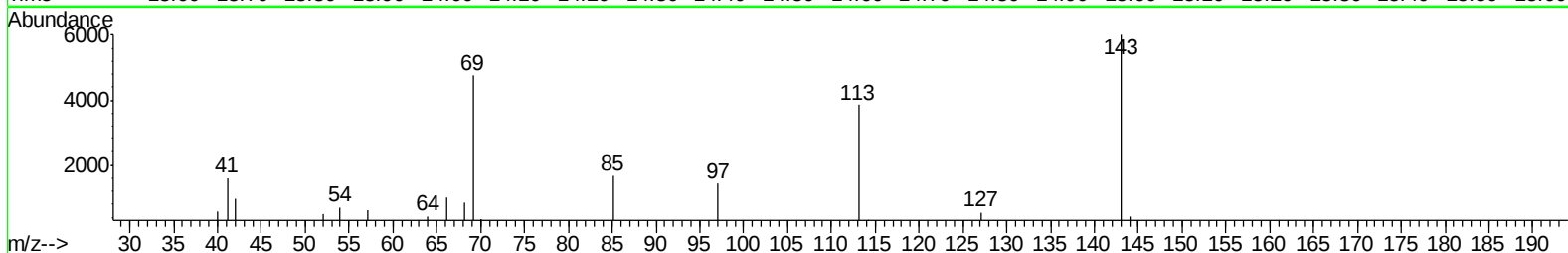
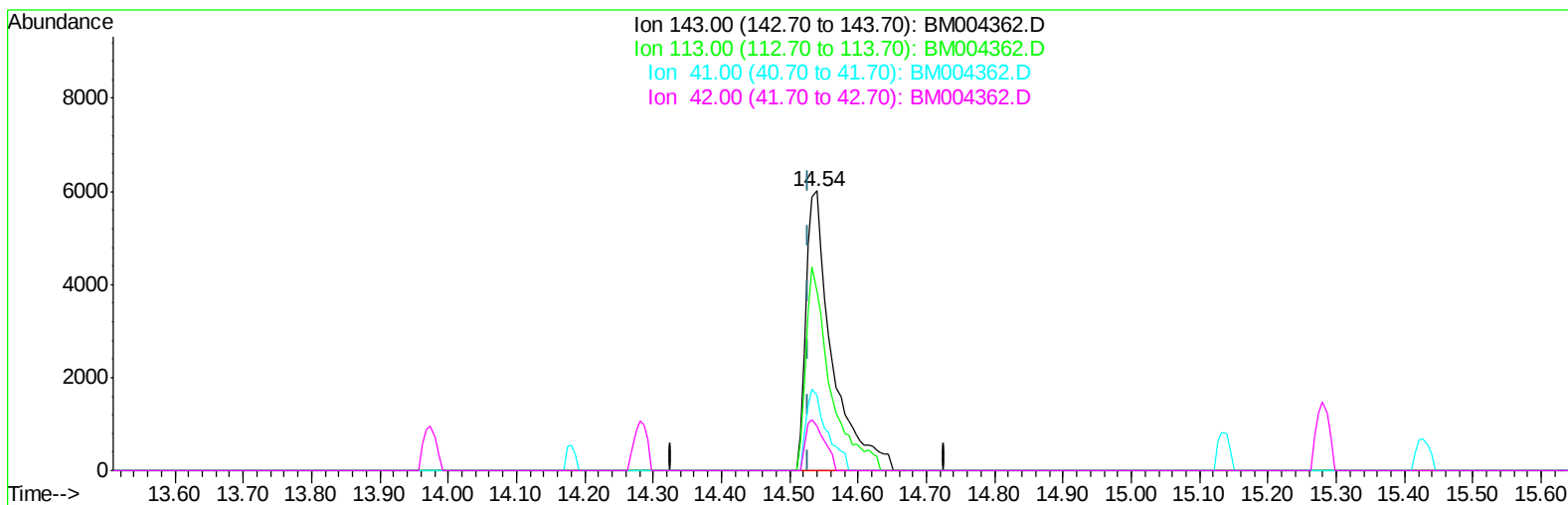
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004362.D
Acq On : 23 Feb 2016 22:34
Operator : SJ/UM
Sample : H1542-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

UMANGI
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Quant Time: Feb 24 02:57:31 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: BM004362.D

(52) 4-Nitrophenol-d4 (S)

14.539min (+0.012) 13.40ng/ul m

response 15808

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	64.16
41.00	28.80	26.75
42.00	19.10	16.09

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

UMANGI
 2/24/2016 4:31:57 PM

Quant Time: Feb 24 03:11:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 02:51:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	29995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	144108	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	85592	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	183801	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	141700	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	129426	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2383	4.19	ng/uL	0.00
5) Phenol-d5	6.81	99	51097m	20.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	28906	22.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	47471	21.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	40763	18.14	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	23424	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	26568	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	46983m	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	55799	19.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	163217	22.23	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	199328	23.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	15808m	13.40	ng/ul	0.01
58) Fluorene-d10	15.28	176	143601	23.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	17031	15.08	ng/ul	0.00
71) Anthracene-d10	17.13	188	217162	24.11	ng/ul	0.00
79) Pyrene-d10	19.44	212	211068	30.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	169034	24.89	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.74	163	52186	6.82	ng/ul	100
77) Fluoranthene	19.11	202	12616	1.01	ng/ul	99
80) Pyrene	19.47	202	11656	1.26	ng/ul	97
94) Benzo(g,h,i)perylene	26.39	276	6584	1.05	ng/ul	94

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

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