

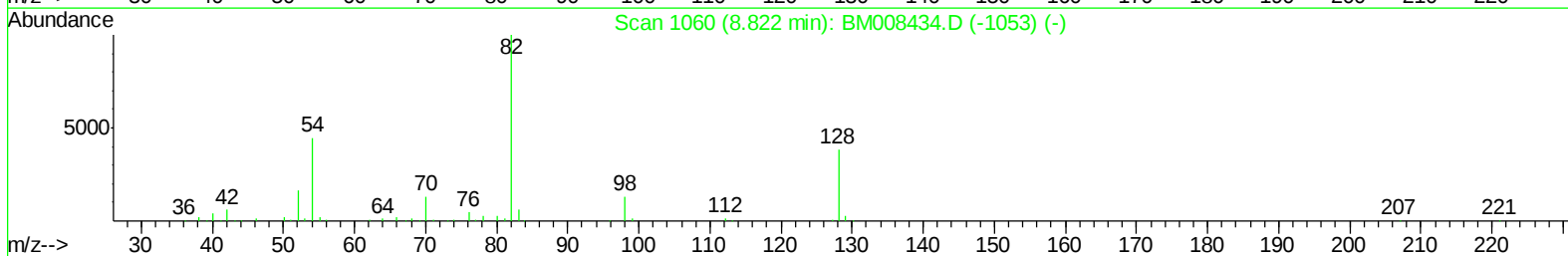
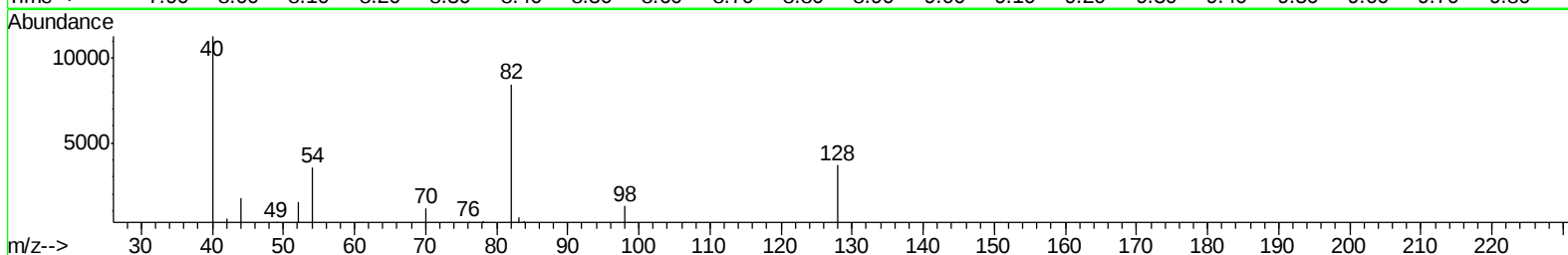
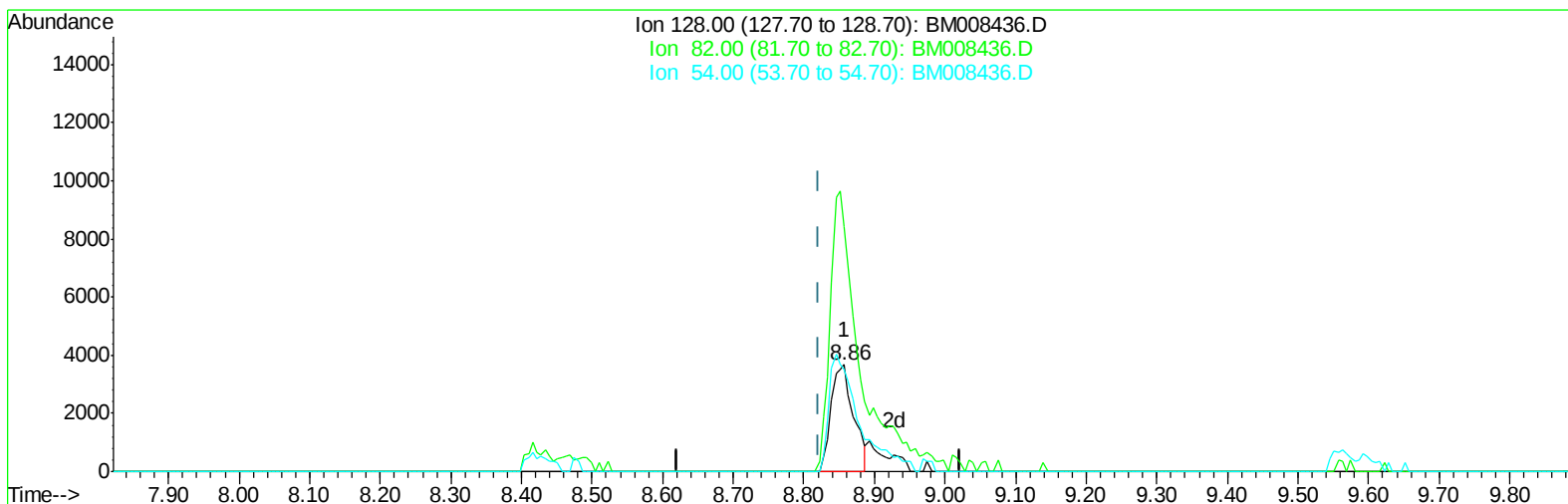
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G0DL

Quant Time: Dec 19 01:25:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 01:22:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008436.D

(19) Nitrobenzene-d5 (S)

8.857min (+0.035) 2.50ng/ul

response 8138

Ion	Exp%	Act%
128.00	100	100
82.00	250.90	229.20
54.00	119.50	95.87
0.00	0.00	0.00

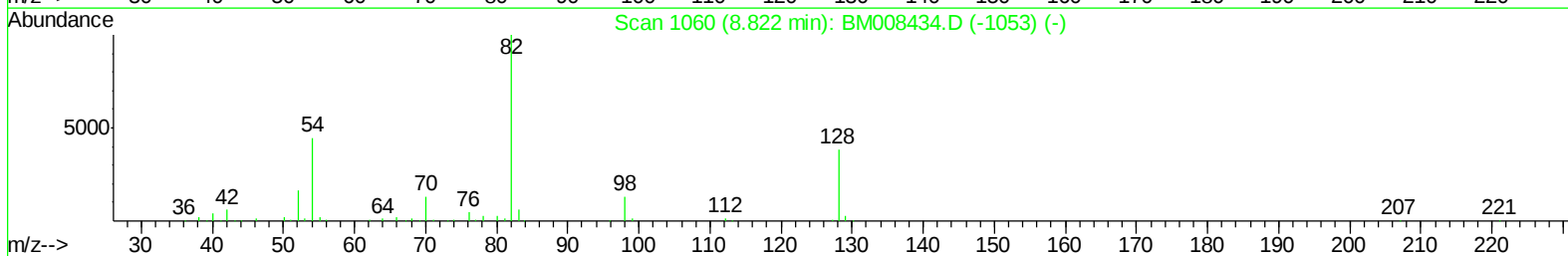
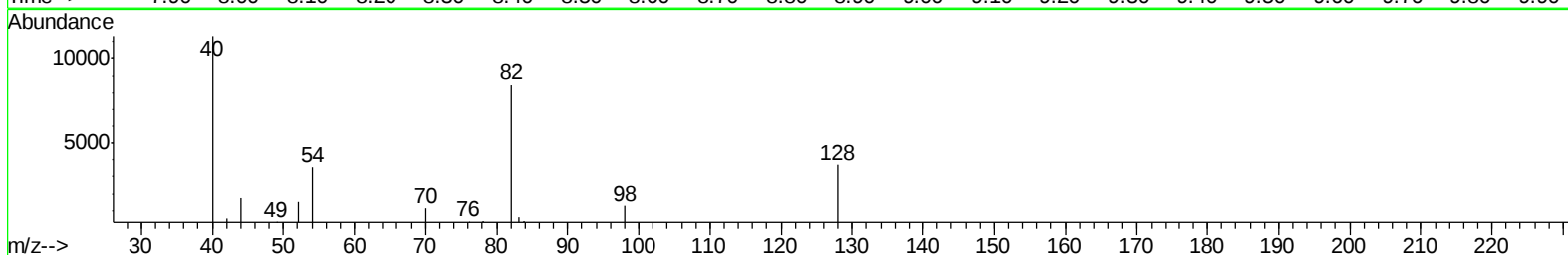
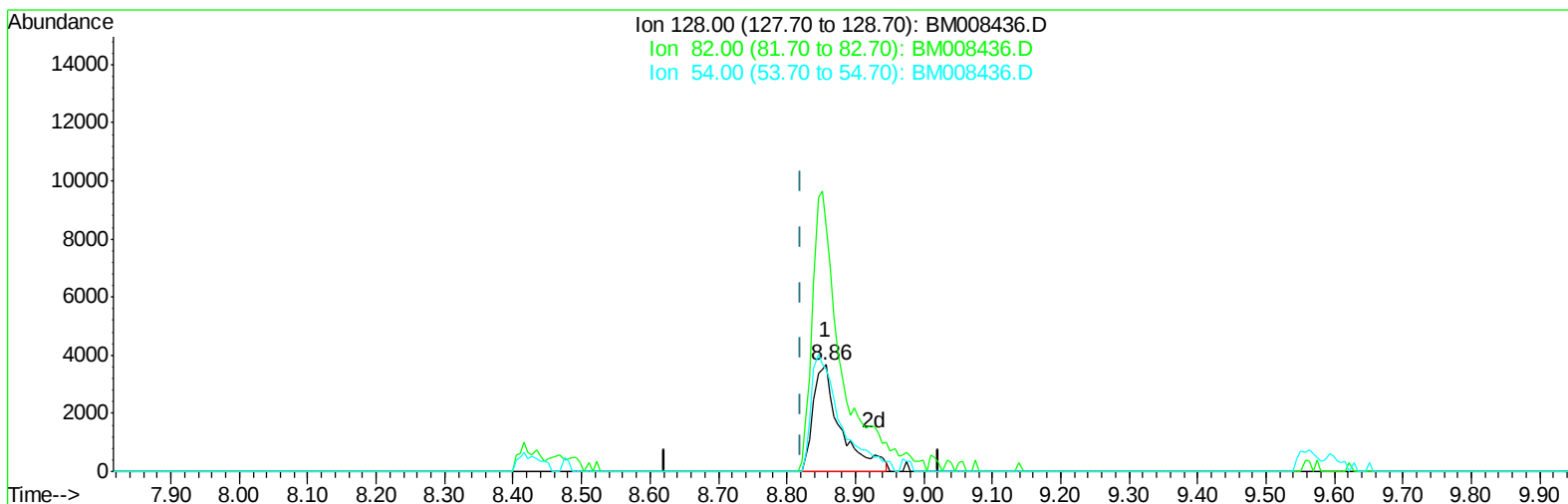
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008436.D
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Operator : UM/SJ
Sample : H6067-09DL 10X
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Manual Integrations
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TIC: BM008436.D

(19) Nitrobenzene-d5 (S)

8.857min (+0.035) 3.14ng/ul m

response 10224

Ion	Exp%	Act%
128.00	100	100
82.00	250.90	229.20
54.00	119.50	95.87
0.00	0.00	0.00

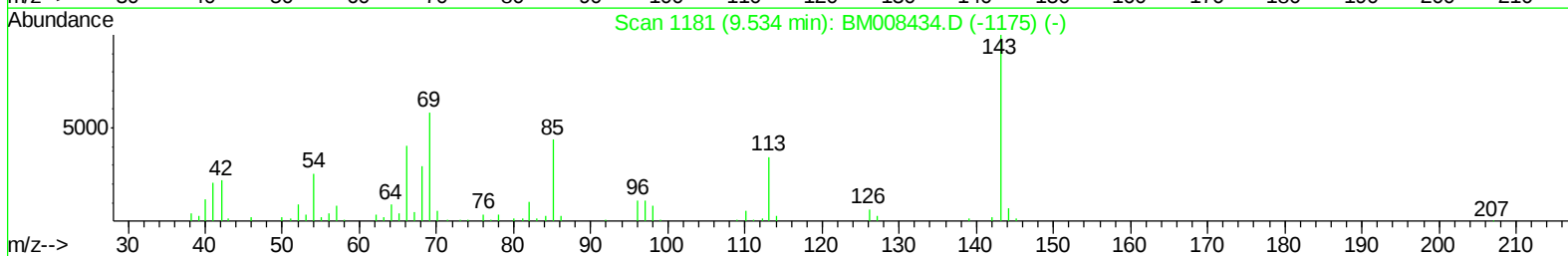
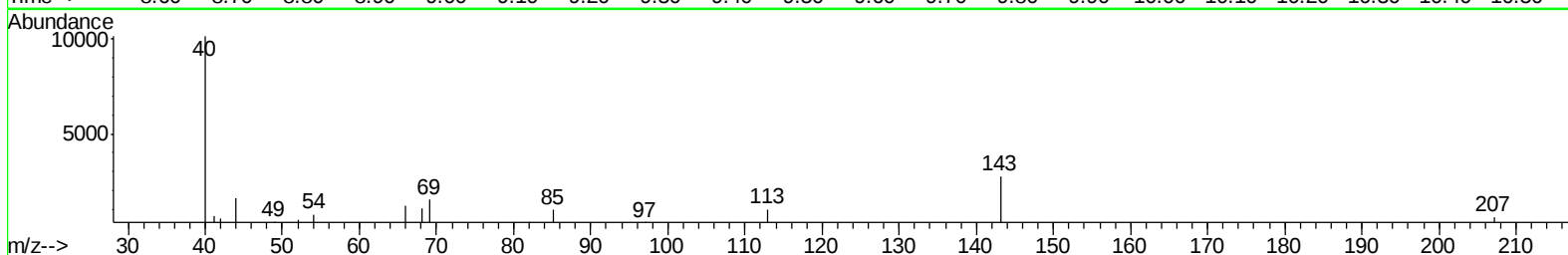
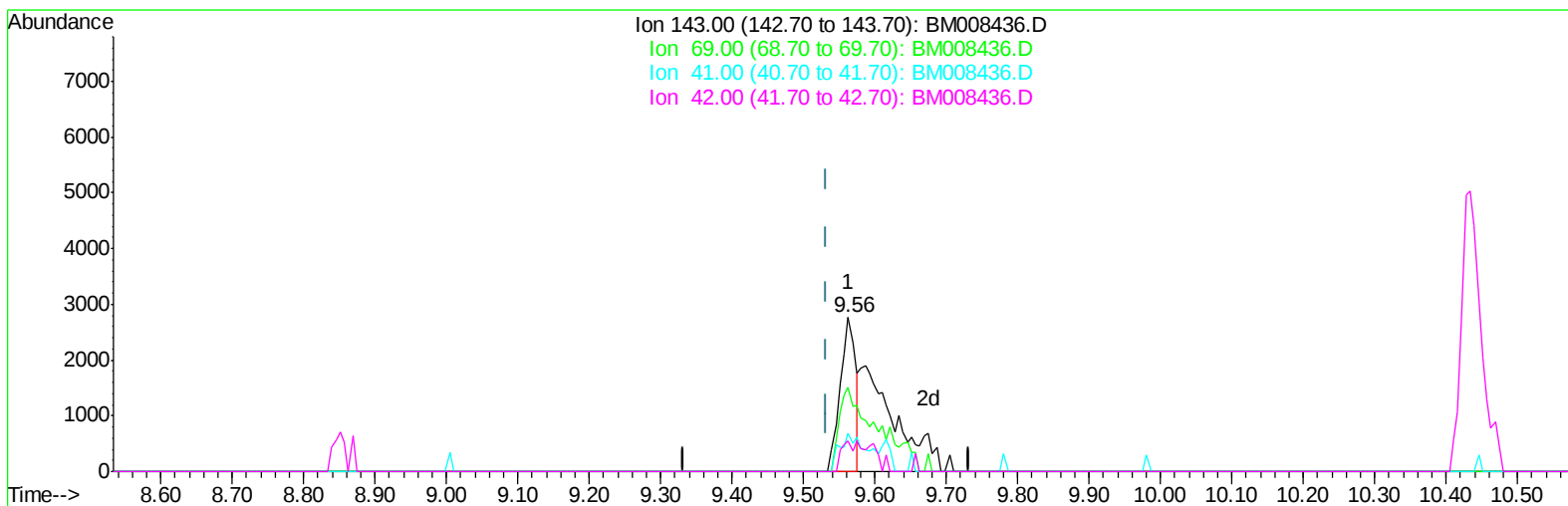
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
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Sample : H6067-09DL 10X
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TIC: BM008436.D

(22) 2-Nitrophenol-d4 (S)

9.563min (+0.029) 1.15ng/ul

response 4144

Ion	Exp%	Act%
143.00	100	100
69.00	58.20	54.75
41.00	21.10	24.50
42.00	24.40	20.02

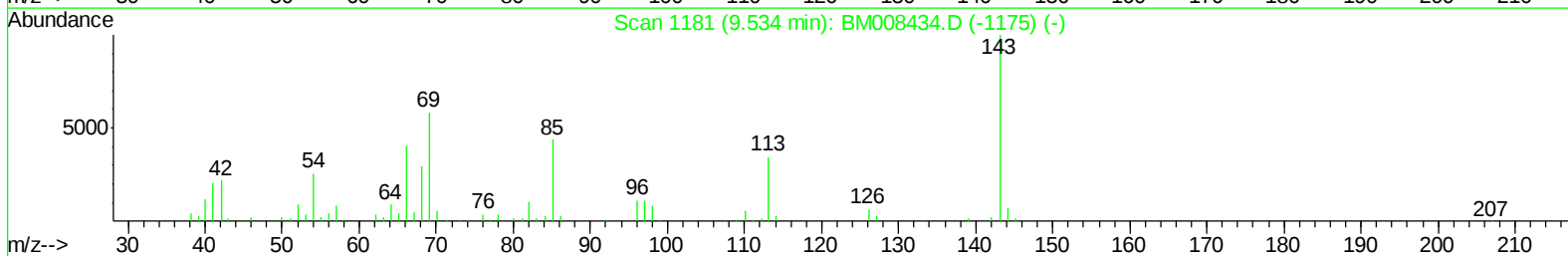
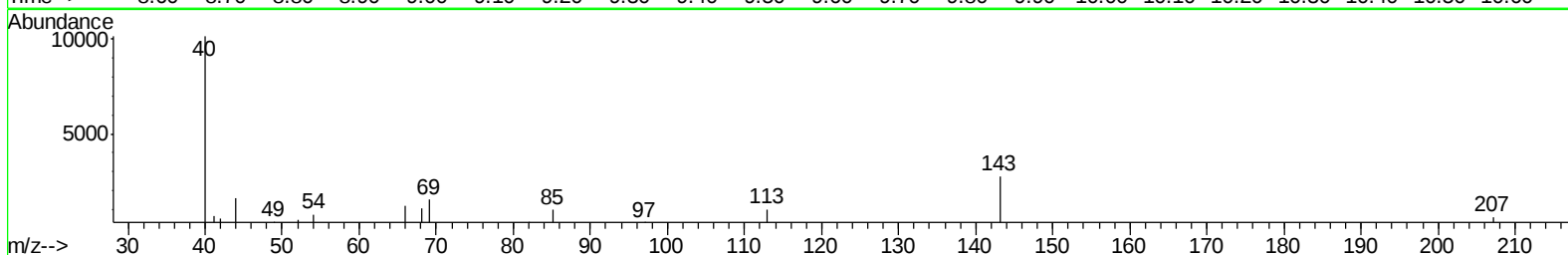
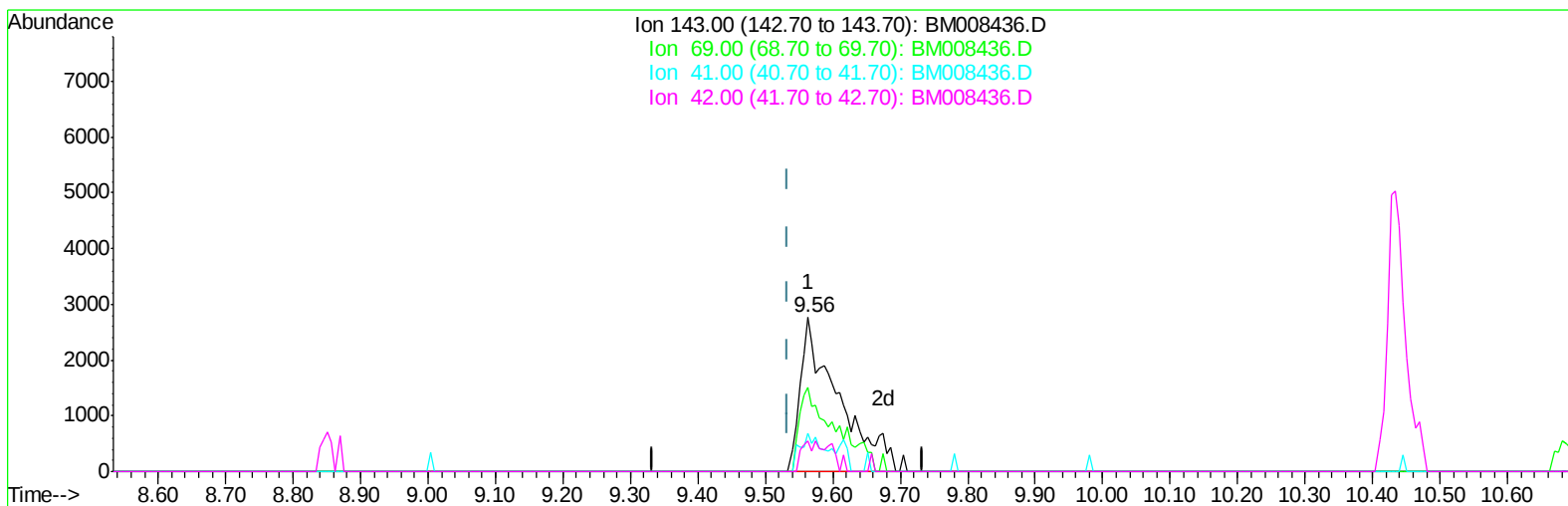
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G0DL

Quant Time: Dec 19 01:25:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 01:22:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008436.D

(22) 2-Nitrophenol-d4 (S)
9.563min (+0.029) 2.97ng/ul m
response 10736

Ion	Exp%	Act%
143.00	100	100
69.00	58.20	54.75
41.00	21.10	24.50
42.00	24.40	20.02

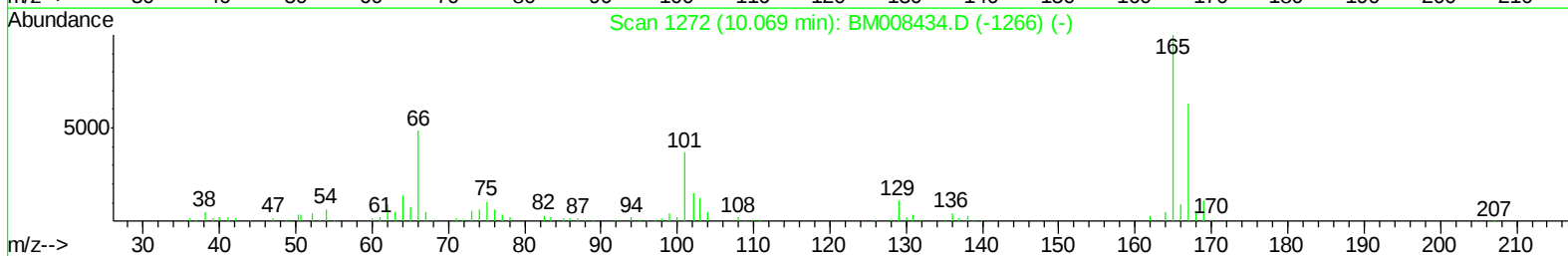
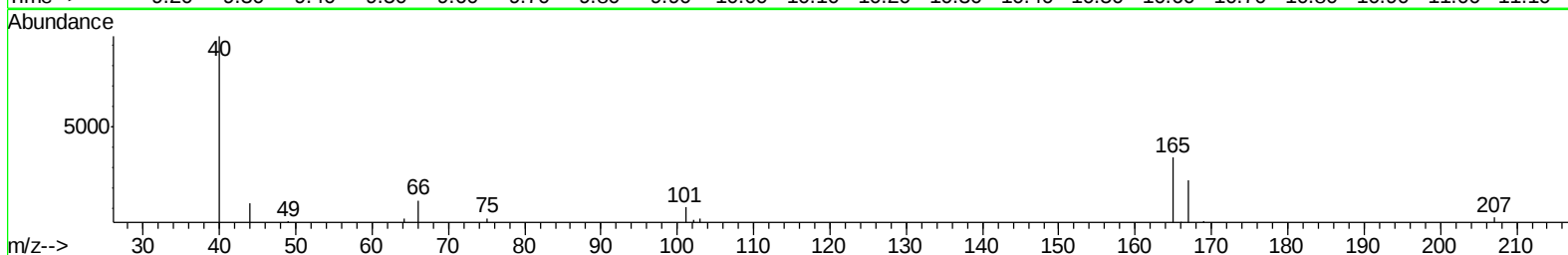
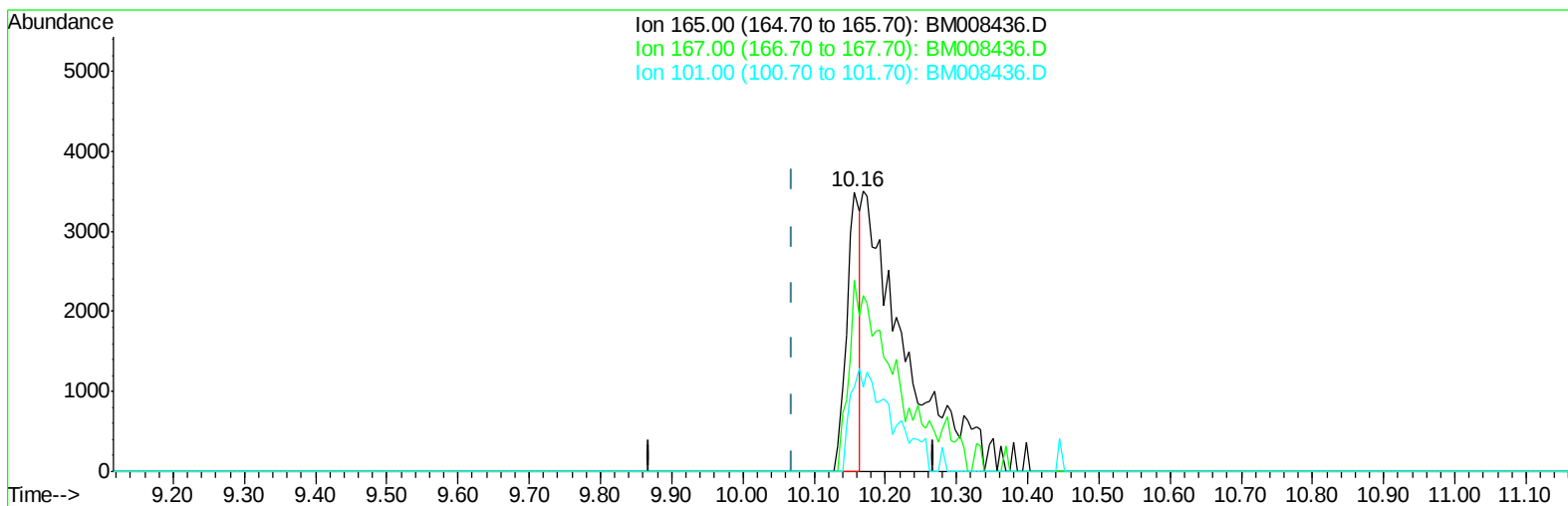
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TIC: BM008436.D

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

10.157min (+0.088) 0.68ng/ul

response 4516

Ion	Exp%	Act%
165.00	100	100
167.00	64.50	68.24
101.00	35.20	29.99
0.00	0.00	0.00

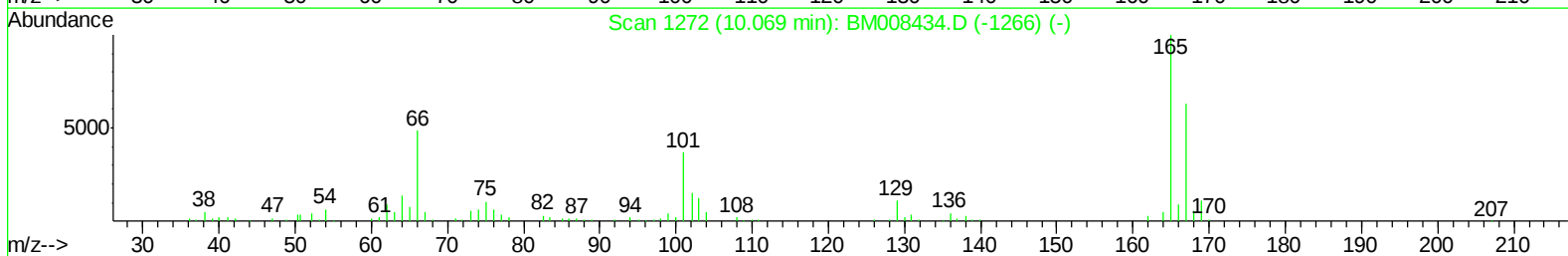
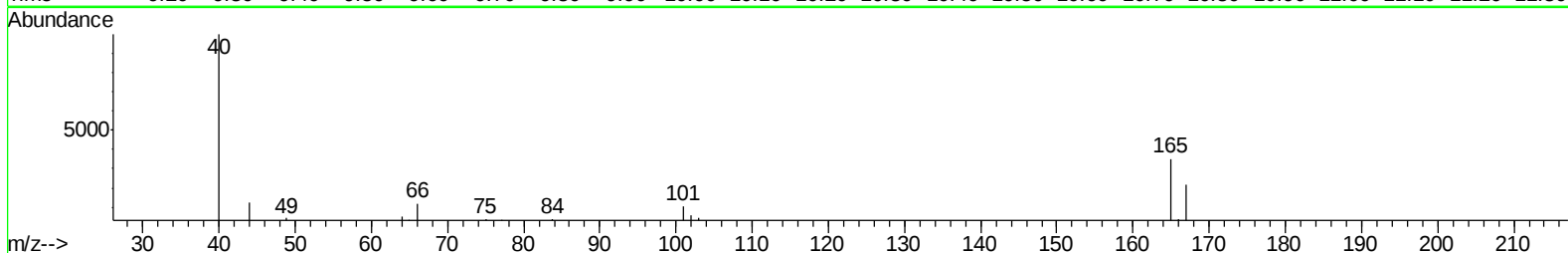
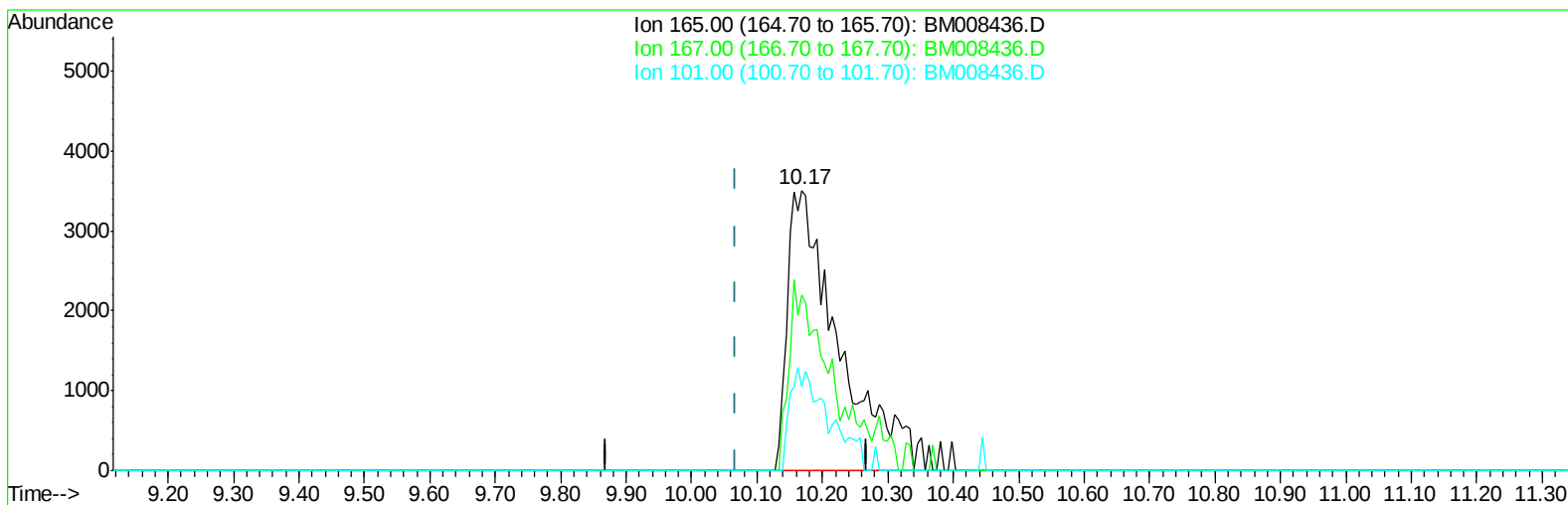
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G0DL

Quant Time: Dec 19 01:25:30 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 01:22:39 2016
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Manual Integrations
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TIC: BM008436.D

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

10.169min (+0.100) 2.85ng/ul m

response 18863

Ion	Exp%	Act%
165.00	100	100
167.00	64.50	62.73
101.00	35.20	30.19
0.00	0.00	0.00

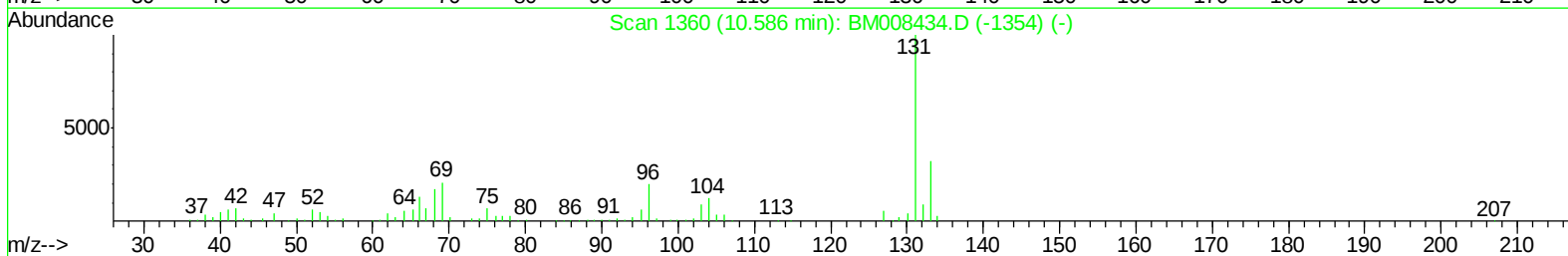
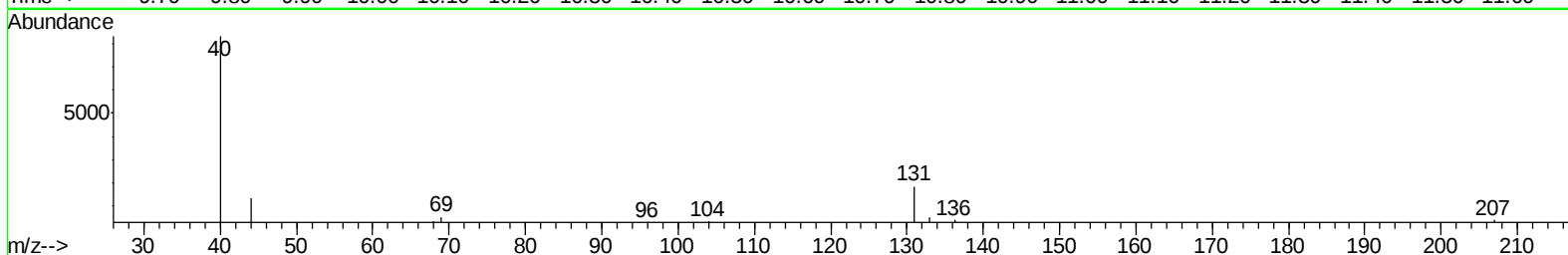
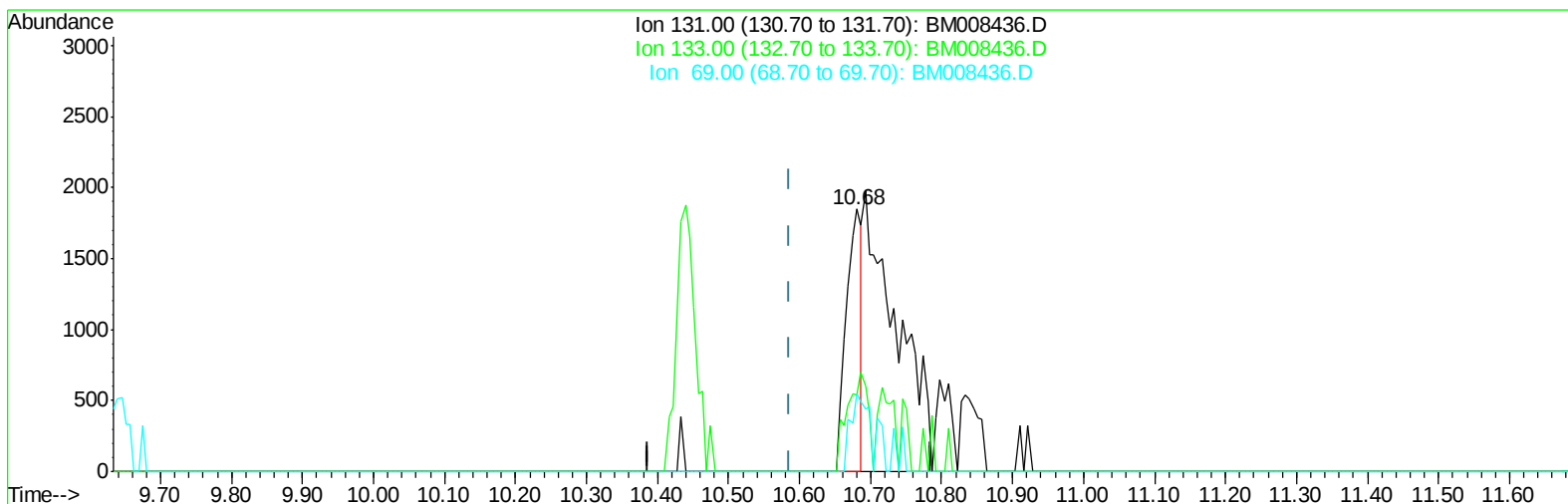
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
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Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM008436.D

(29) 4-Chloroaniline-d4 (S)
10.681min (+0.094) 0.37ng/ul
response 2813

Ion	Exp%	Act%
131.00	100	100
133.00	34.20	28.93
69.00	21.70	29.58#
0.00	0.00	0.00

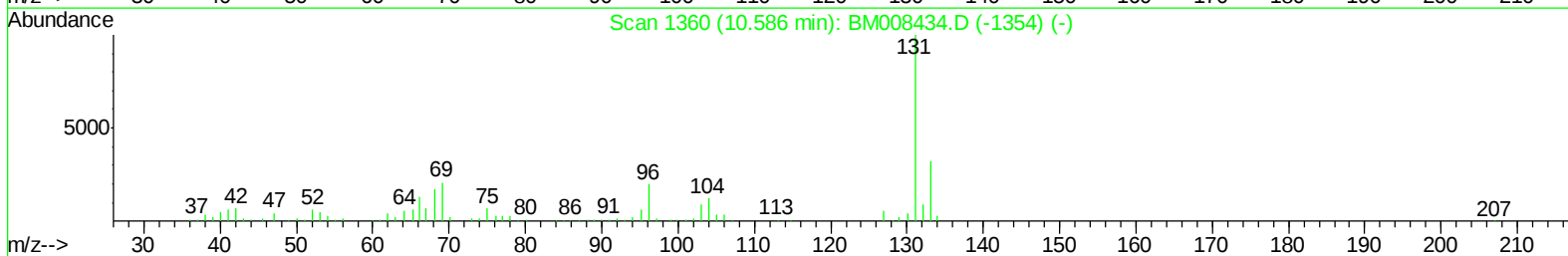
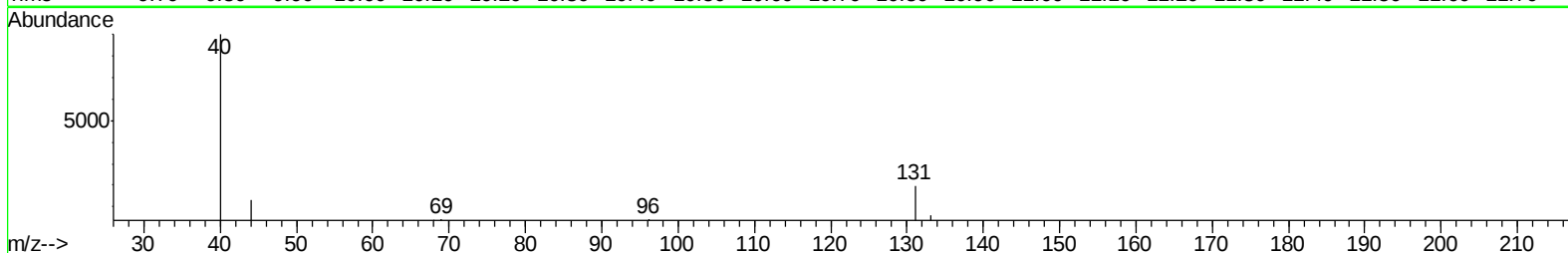
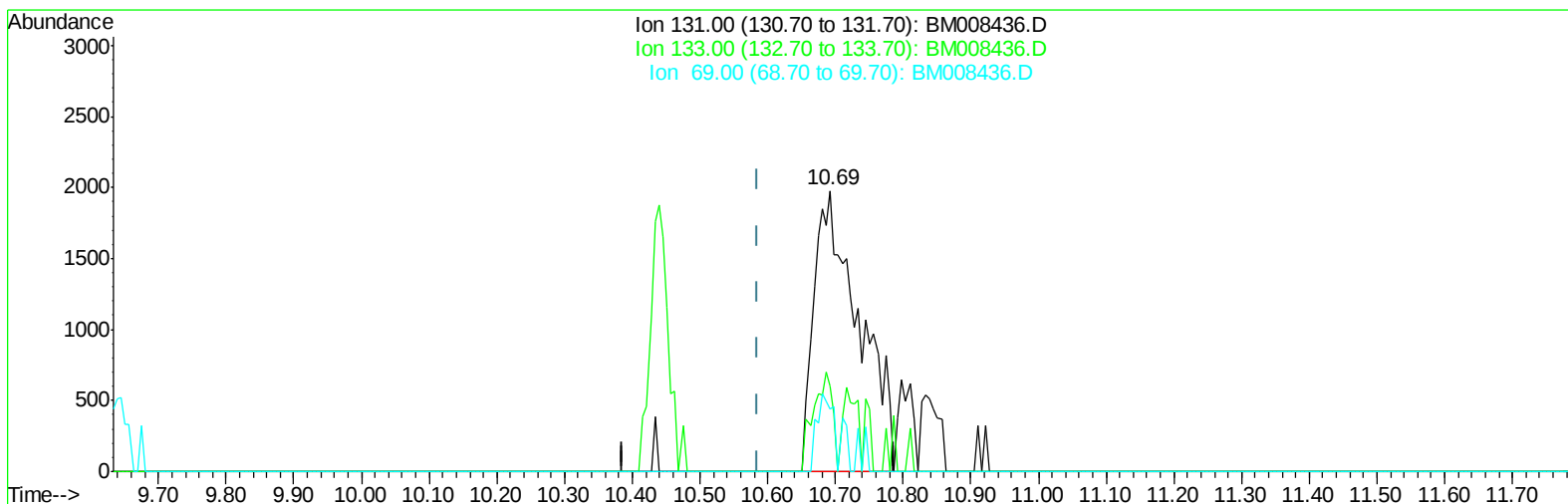
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
Operator : UM/SJ
Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G0DL

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Manual Integrations
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TIC: BM008436.D

(29) 4-Chloroaniline-d4 (S)

10.692min (+0.106) 1.19ng/ul m

response 9057

Ion	Exp%	Act%
131.00	100	100
133.00	34.20	30.43
69.00	21.70	22.28
0.00	0.00	0.00

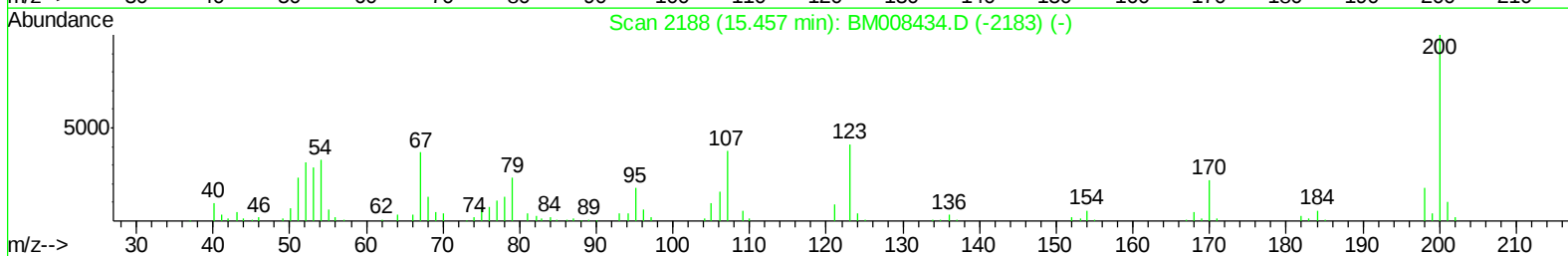
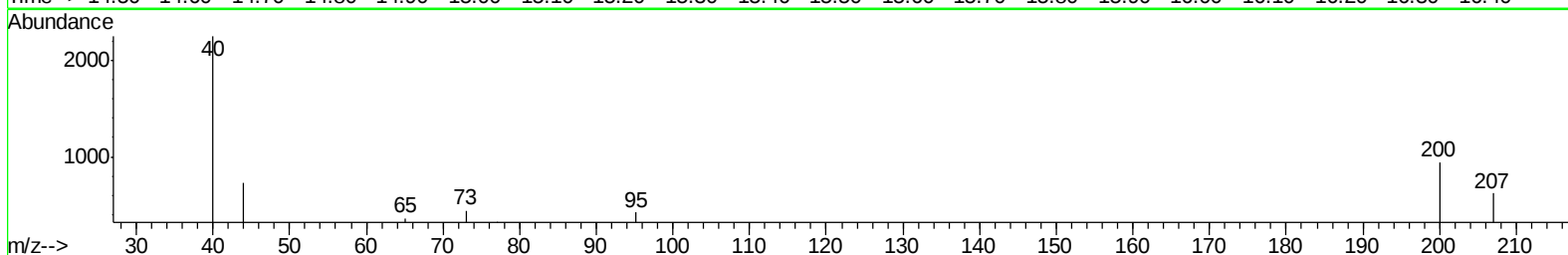
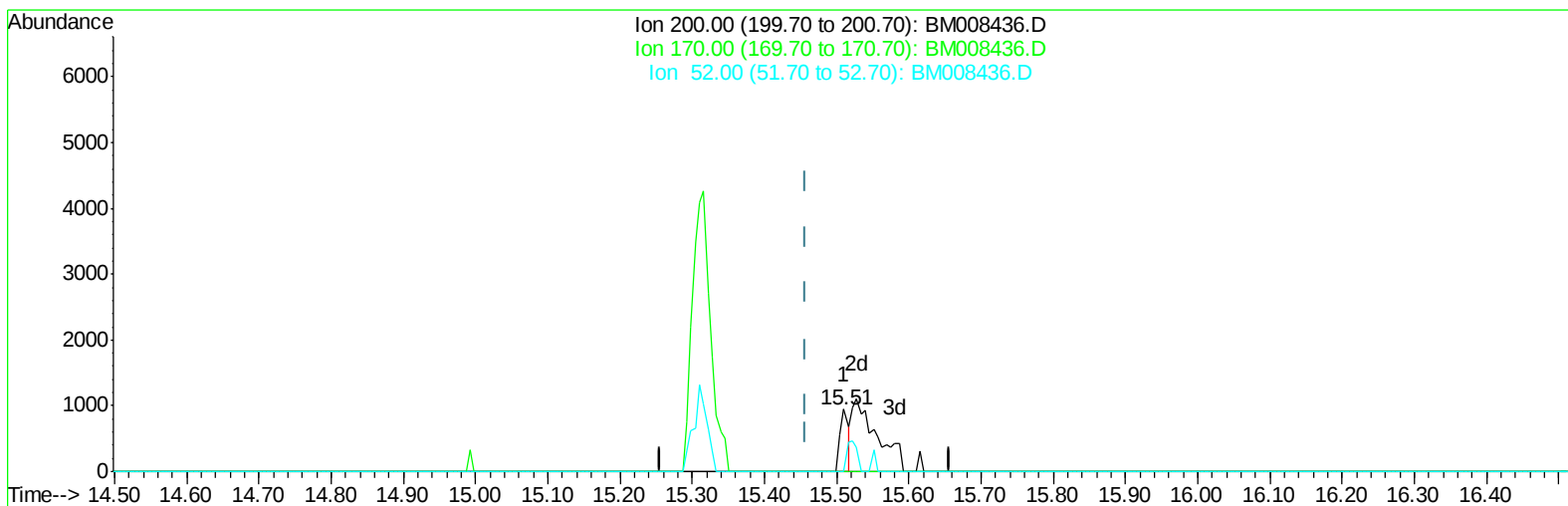
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Data File : BM008436.D
Acq On : 18 Dec 2016 13:58
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Sample : H6067-09DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM008436.D

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

15.510min (+0.053) 0.23ng/ul

response 771

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	0.00#
52.00	39.40	0.00#
0.00	0.00	0.00

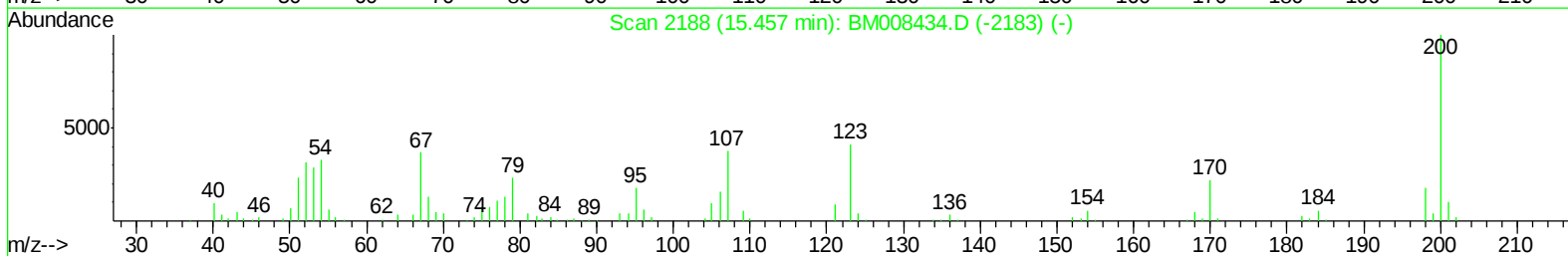
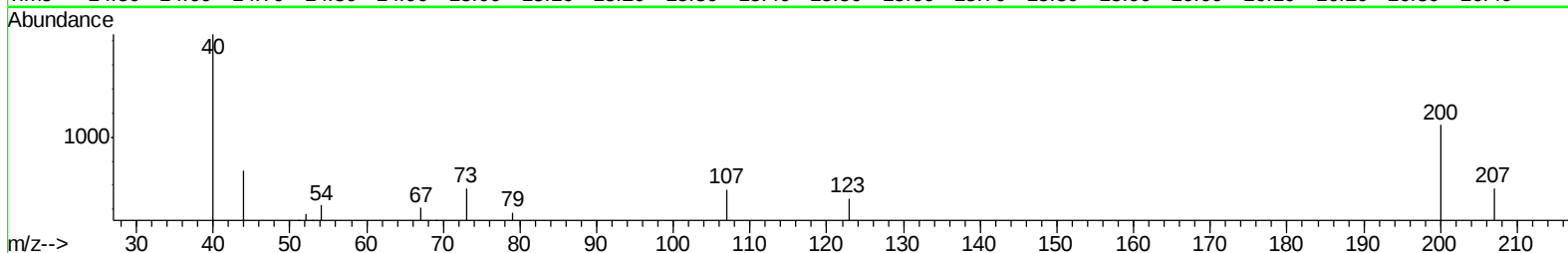
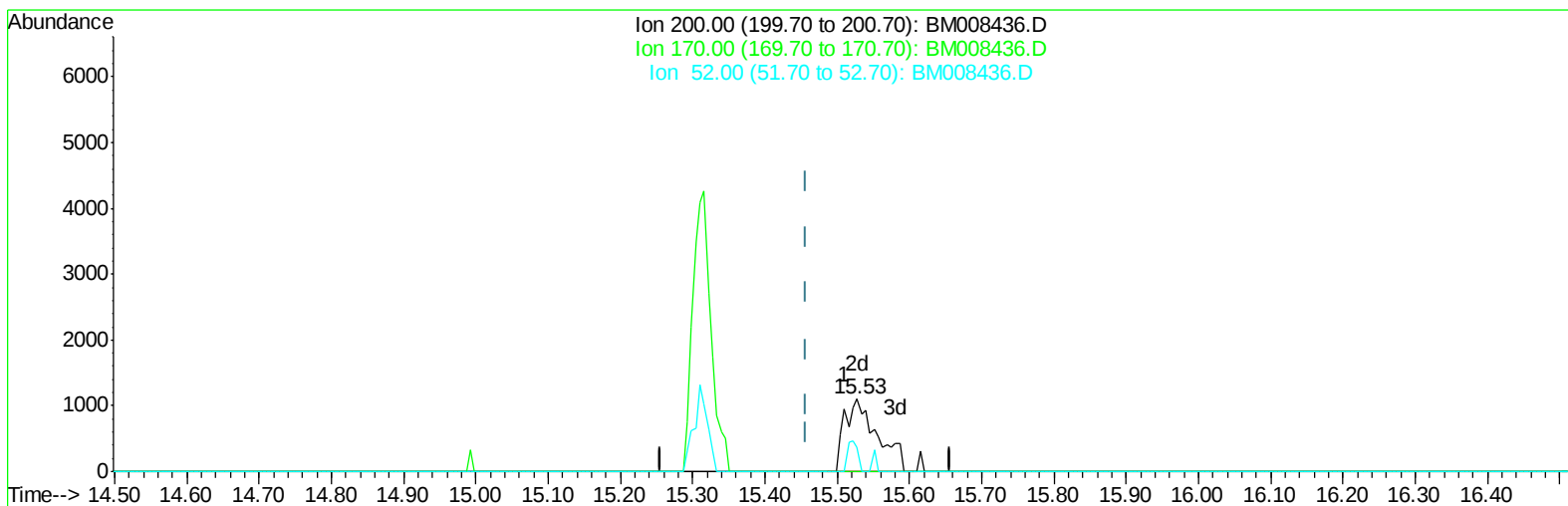
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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TIC: BM008436.D

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

15.527min (+0.071) 1.04ng/ul m

response 3468

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	0.00#
52.00	39.40	33.09
0.00	0.00	0.00

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Quant Time: Dec 19 02:13:55 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 01:22:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	119216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	450664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	286417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	558901	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	730104	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	757384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1466	0.58	ng/uL	0.00
5) Phenol-d5	6.89	99	20826	2.25	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	16306	3.07	ng/ul	0.01
9) 2-Chlorophenol-d4	7.22	132	21339	3.07	ng/ul	0.02
13) 4-Methylphenol-d8	8.42	113	9198	1.28	ng/ul	0.05
19) Nitrobenzene-d5	8.86	128	10224m	3.14	ng/ul	0.04
22) 2-Nitrophenol-d4	9.56	143	10736m	2.97	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.17	165	18863m	2.85	ng/ul	0.10
29) 4-Chloroaniline-d4	10.69	131	9057m	1.19	ng/ul	0.11
43) Dimethylphthalate-d6	13.73	166	71075	3.73	ng/ul	0.02
46) Acenaphthylene-d8	14.00	160	86194	3.83	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.31	176	64081	3.87	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	3468m	1.04	ng/ul	0.07
70) Anthracene-d10	17.16	188	96260	3.95	ng/ul	0.01
76) Pyrene-d10	19.46	212	122892	4.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	133211	4.19	ng/ul	0.00

Target Compounds

						Qvalue
80) Benzo(a)anthracene	21.24	228	49842	1.32	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.16	149	671277	35.65	ng/ul	98
82) Chrysene	21.29	228	98011	2.70	ng/ul	95
85) Benzo(b)fluoranthene	22.82	252	282439	6.91	ng/ul	97
86) Benzo(k)fluoranthene	22.86	252	83757	2.14	ng/ul	96
88) Benzo(a)pyrene	23.39	252	193478	4.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.71	276	204075	4.27	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	53697	1.34	ng/ul#	88
91) Benzo(g,h,i)perylene	26.40	276	184467	4.61	ng/ul	97

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

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