

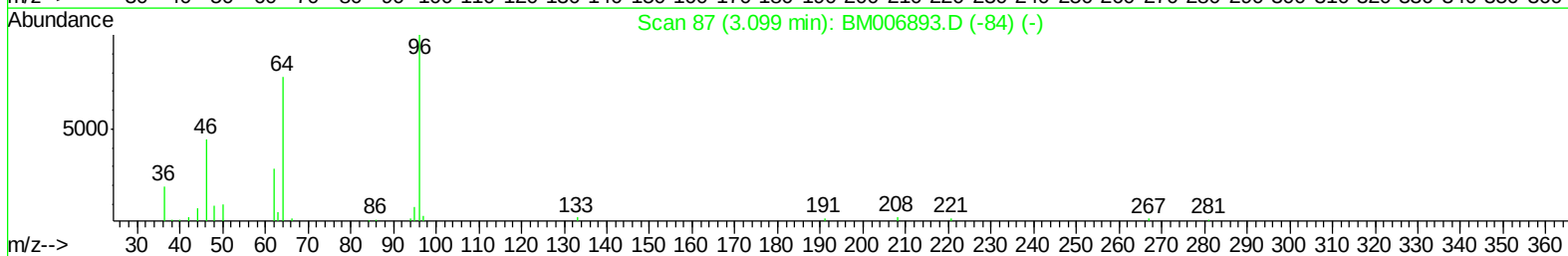
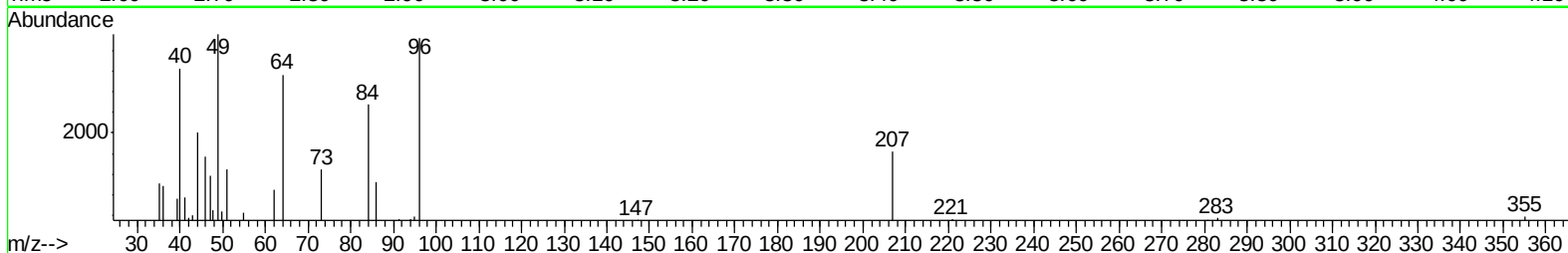
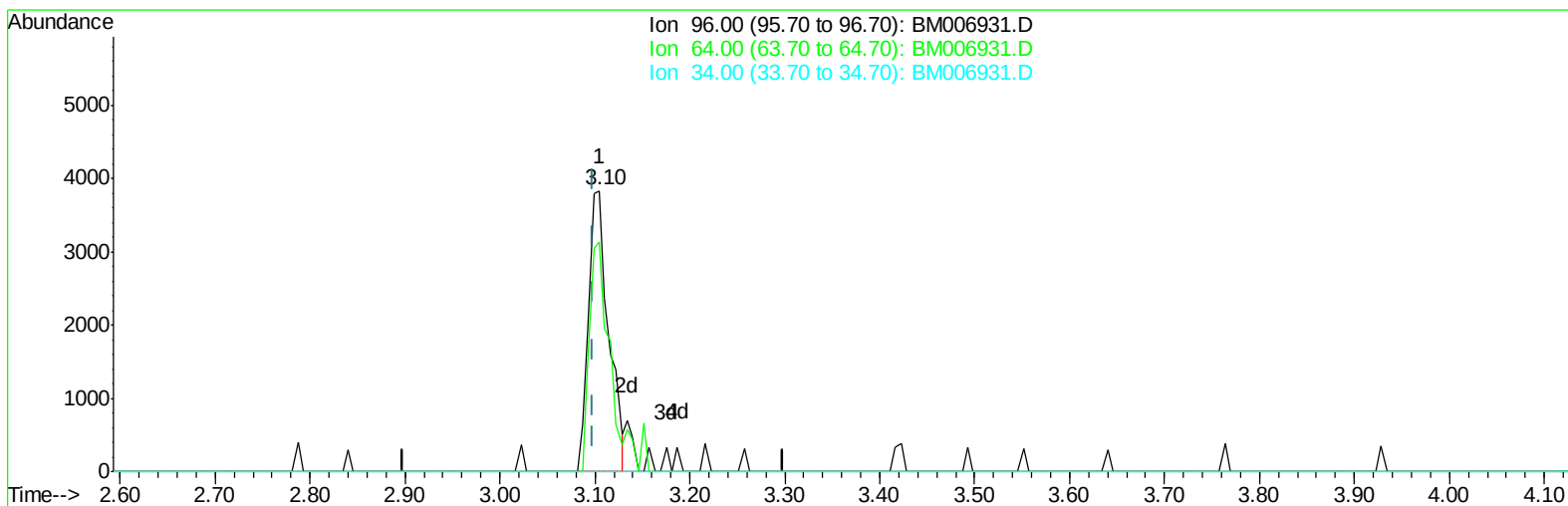
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL2

Manual Integrations
APPROVED

sohil
8/8/2016 7:02:58 PM

Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

(3) 1,4-Dioxane-d8 (S)

3.105min (+0.006) 1.73ng/uL

response 5679

Ion	Exp%	Act%
96.00	100	100
64.00	5.70	77.27#
34.00	0.00	0.00
0.00	0.00	0.00

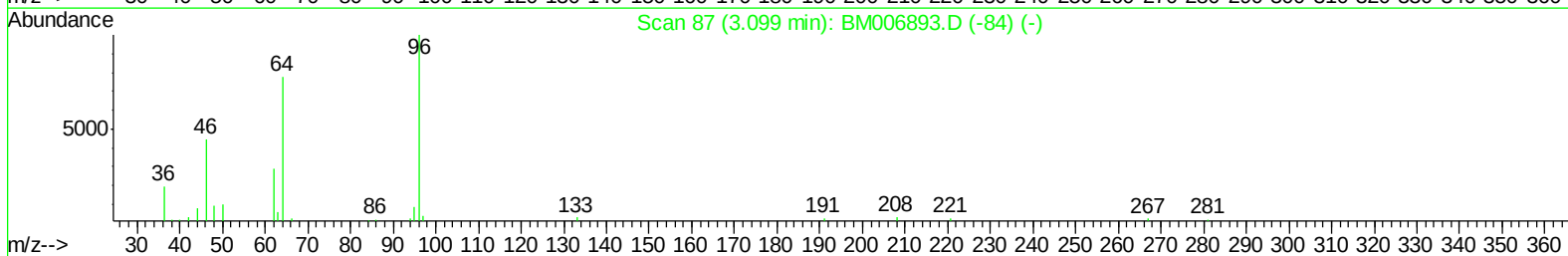
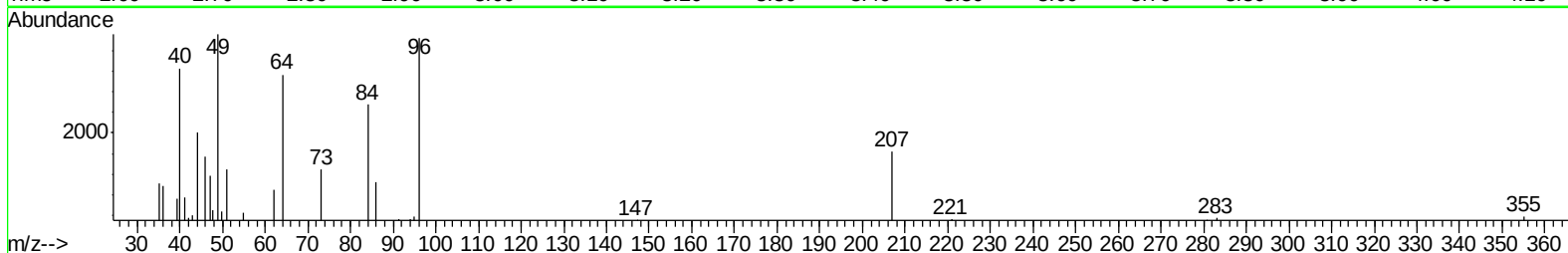
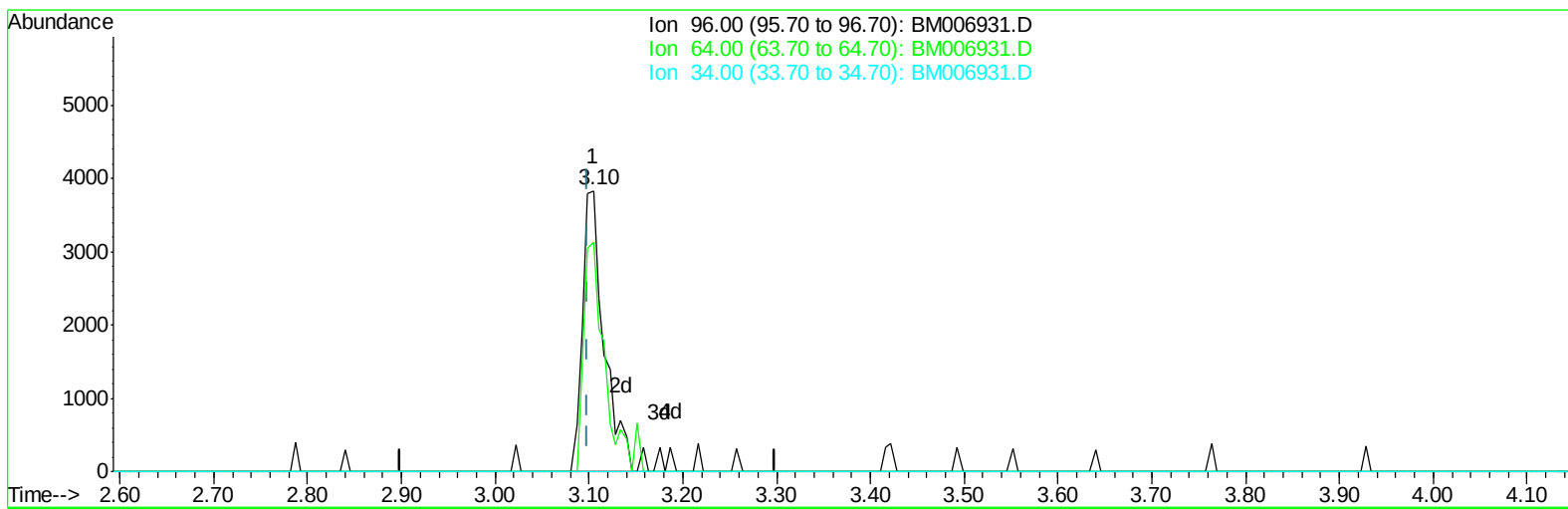
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL2

Manual Integrations
APPROVED

sohil
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Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

(3) 1,4-Dioxane-d8 (S)

3.105min (+0.006) 1.85ng/uL m

response 6089

Ion	Exp%	Act%
96.00	100	100
64.00	5.70	72.06#
34.00	0.00	0.00
0.00	0.00	0.00

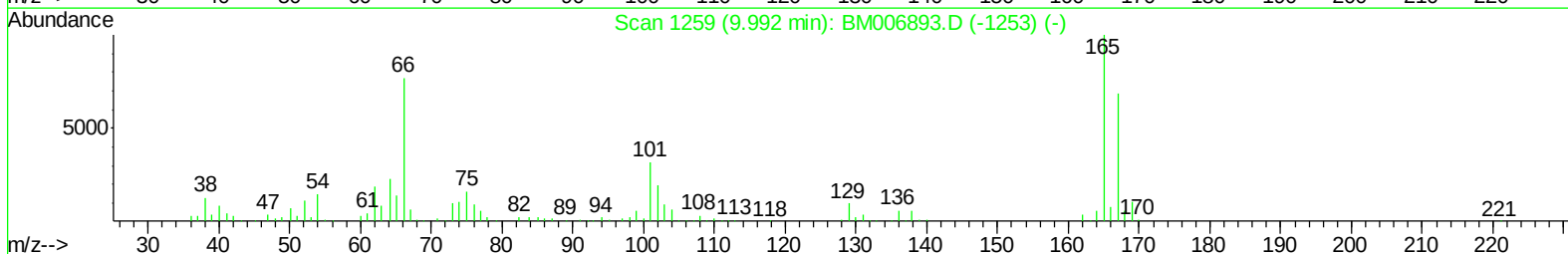
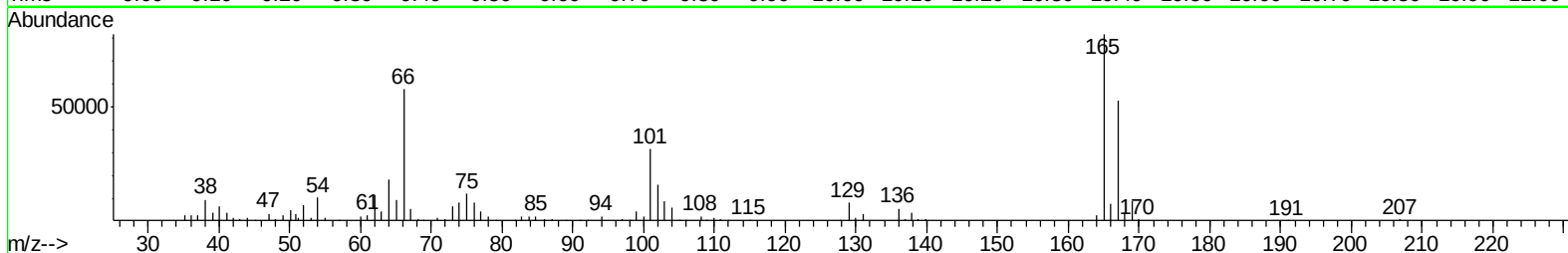
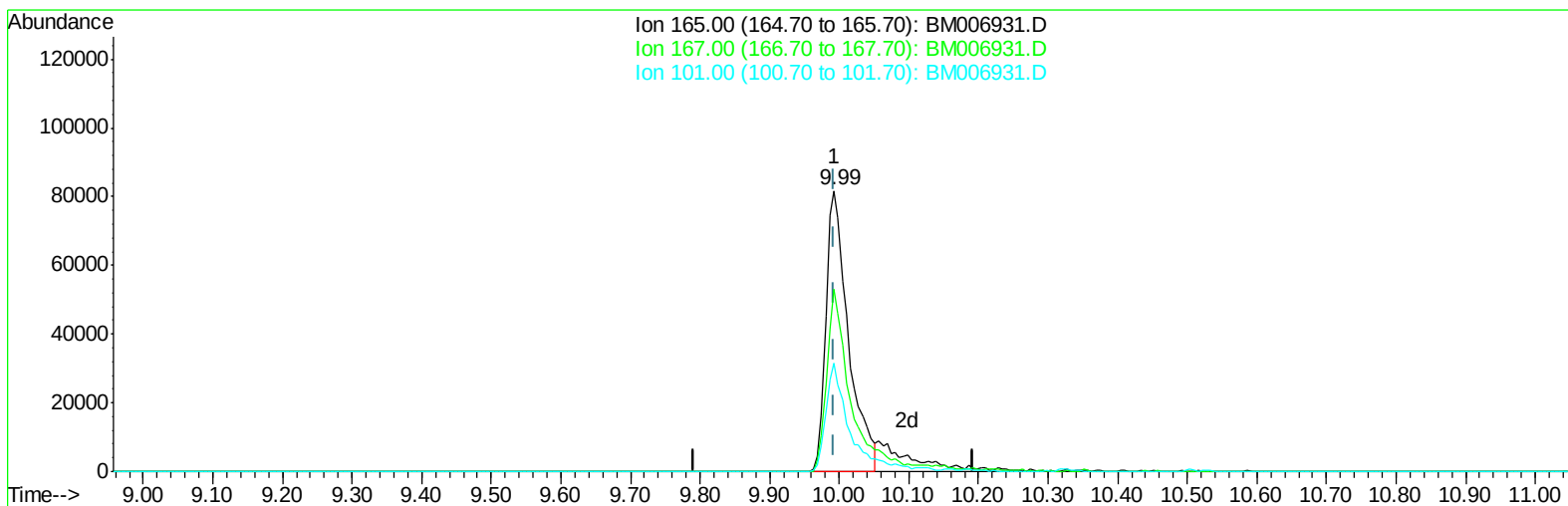
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

sohil
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Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
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TIC: BM006931.D

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

9.992min (+0.000) 14.17ng/ul

response 182866

Ion	Exp%	Act%
165.00	100	100
167.00	58.50	64.84
101.00	32.90	38.44
0.00	0.00	0.00

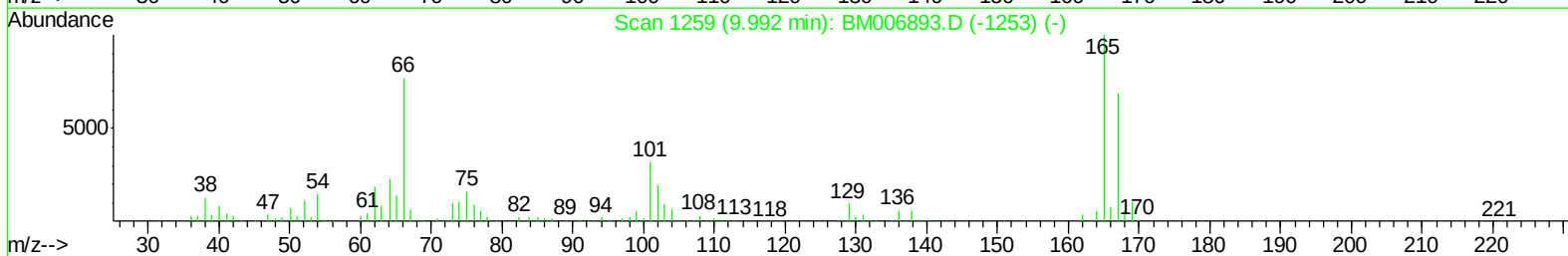
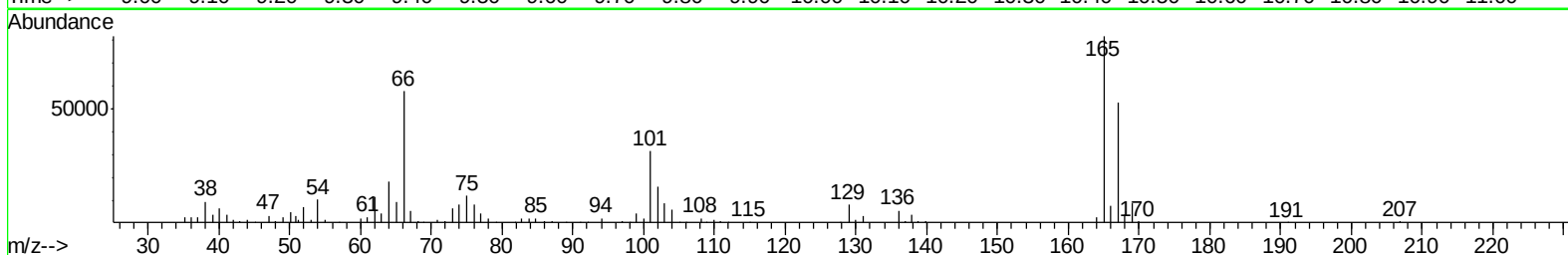
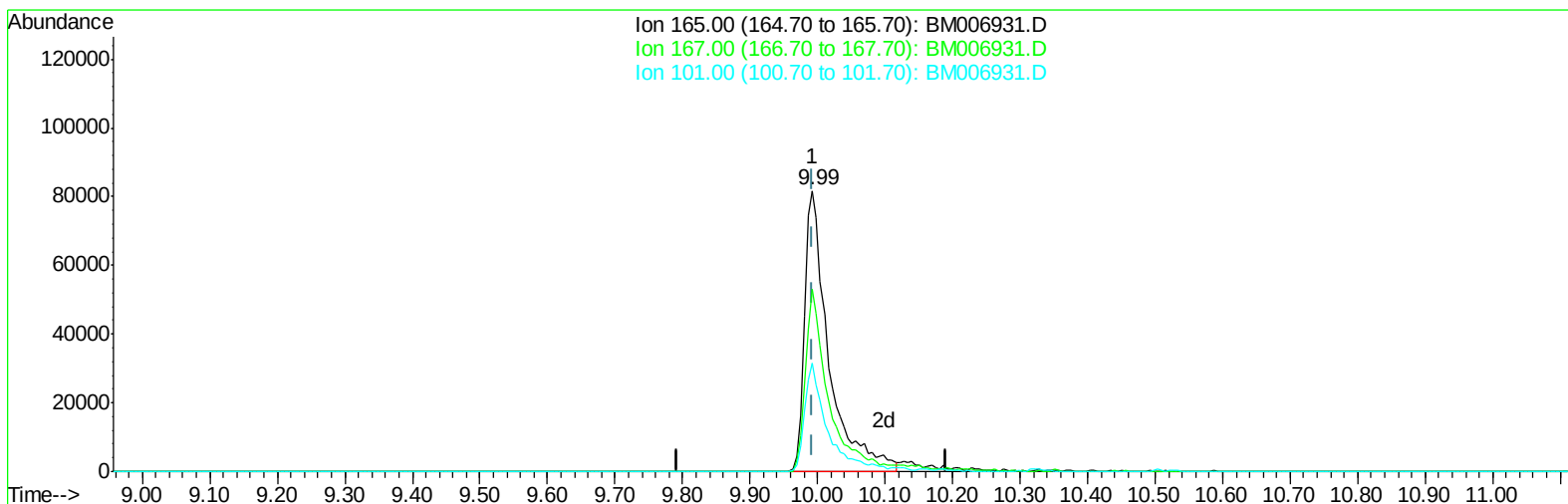
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL2

Manual Integrations
APPROVED

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Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

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

9.992min (+0.000) 15.76ng/ul m

response 203405

Ion	Exp%	Act%
165.00	100	100
167.00	58.50	64.84
101.00	32.90	38.44
0.00	0.00	0.00

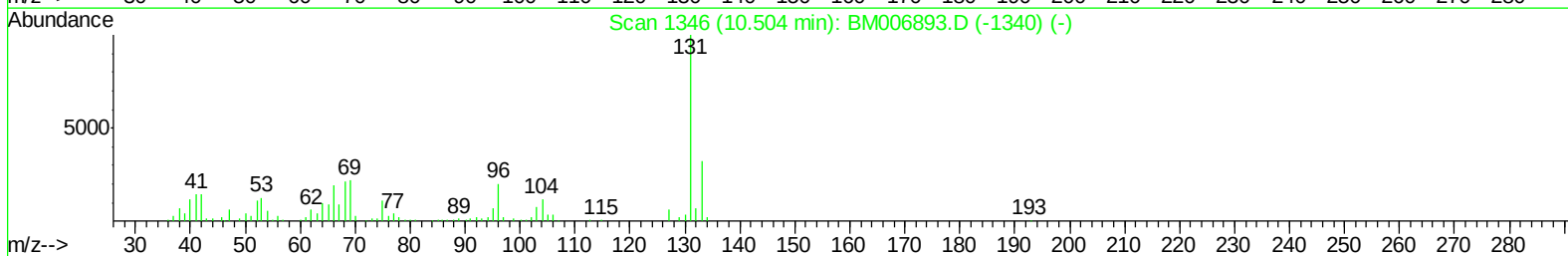
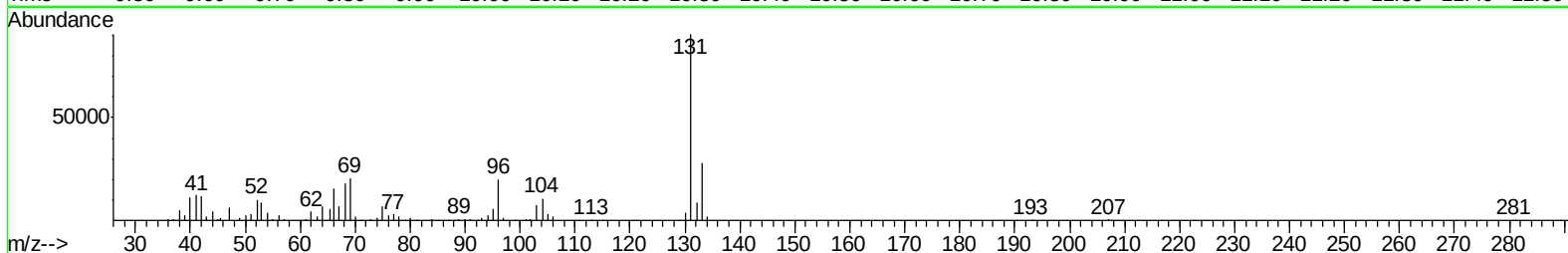
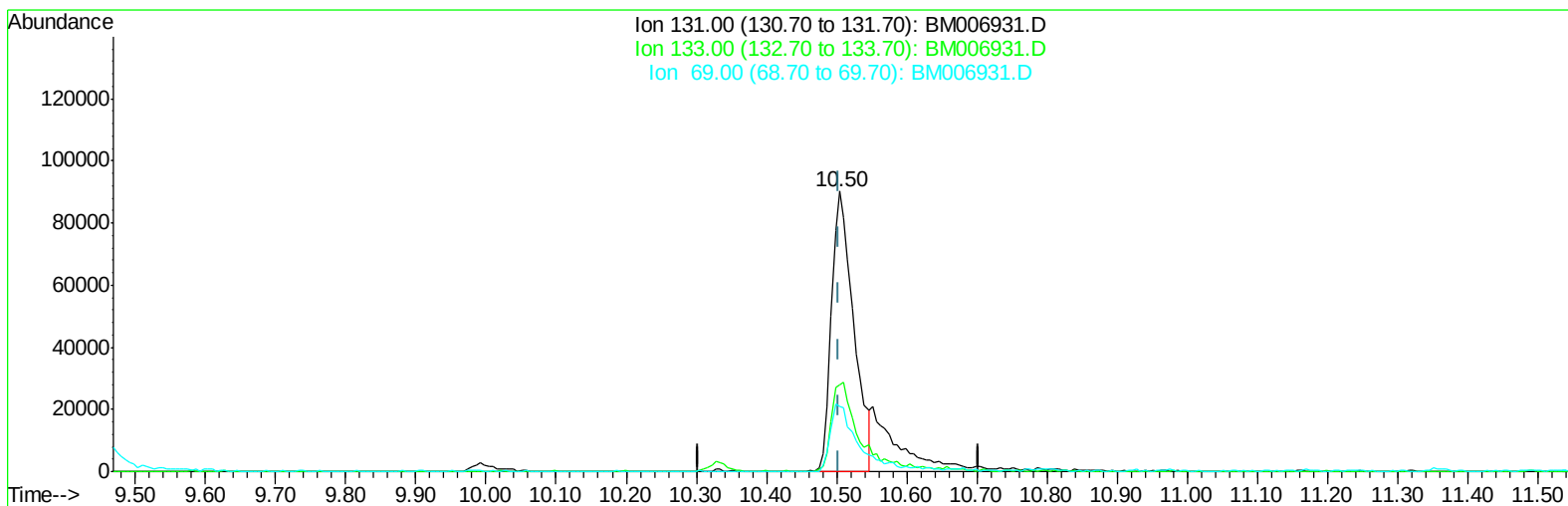
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL2

Manual Integrations
APPROVED

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8/8/2016 7:02:58 PM

Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

(29) 4-Chloroaniline-d4 (S)
10.504min (+0.000) 14.76ng/ul
response 196716

Ion	Exp%	Act%
131.00	100	100
133.00	34.90	31.08
69.00	25.40	23.10
0.00	0.00	0.00

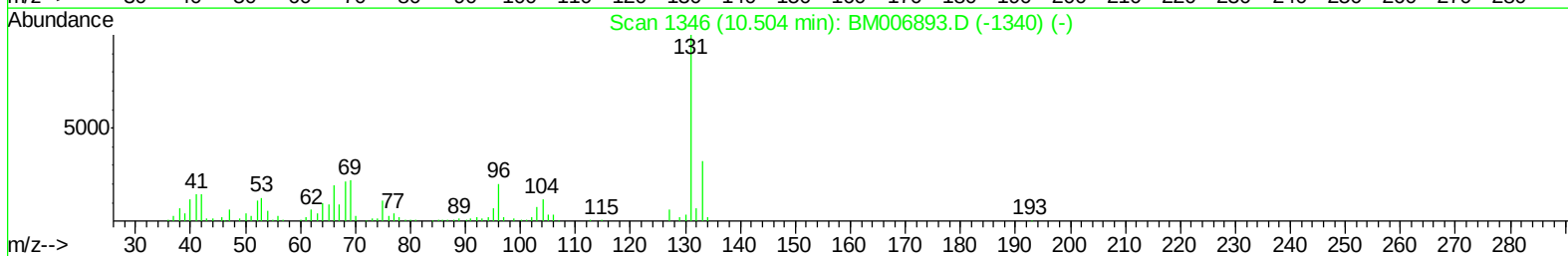
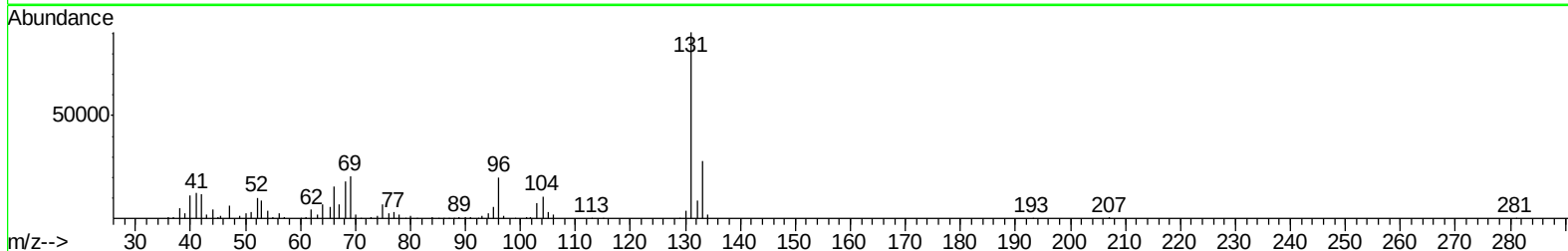
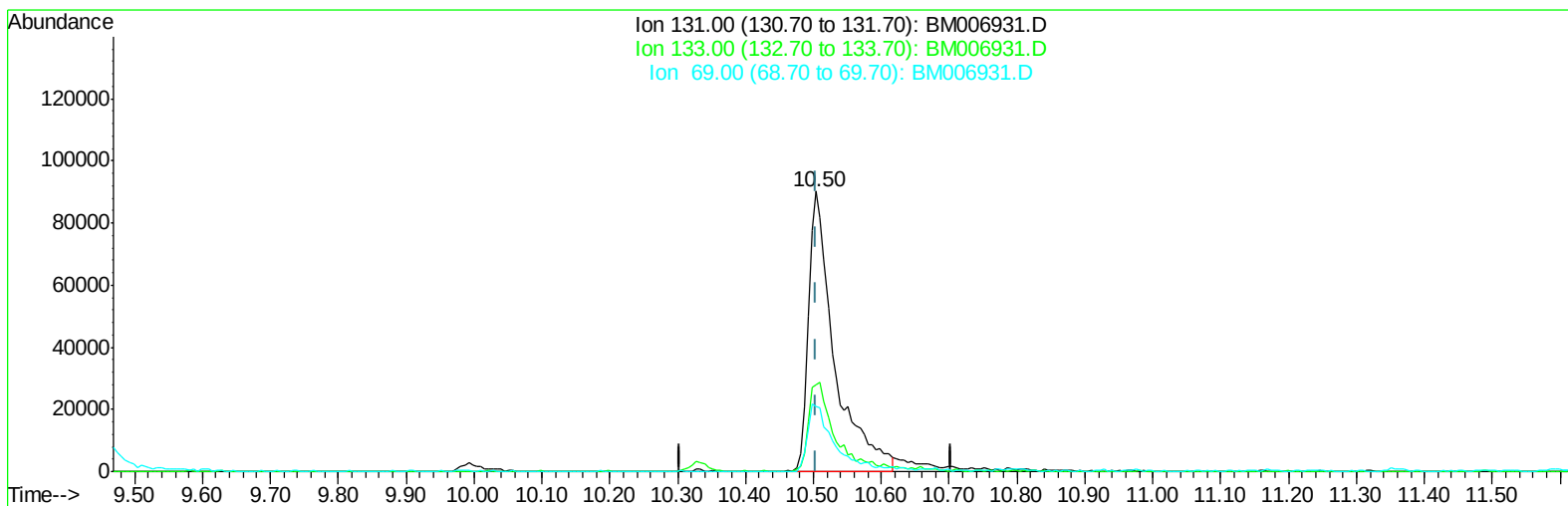
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL2

Manual Integrations
APPROVED

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8/8/2016 7:02:58 PM

Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

(29) 4-Chloroaniline-d4 (S)
10.504min (+0.000) 18.05ng/ul m
response 240525

Ion	Exp%	Act%
131.00	100	100
133.00	34.90	31.08
69.00	25.40	23.10
0.00	0.00	0.00

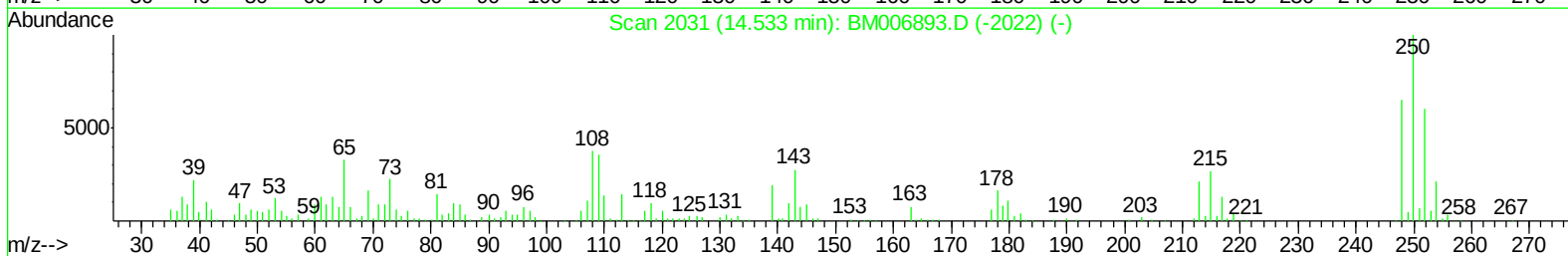
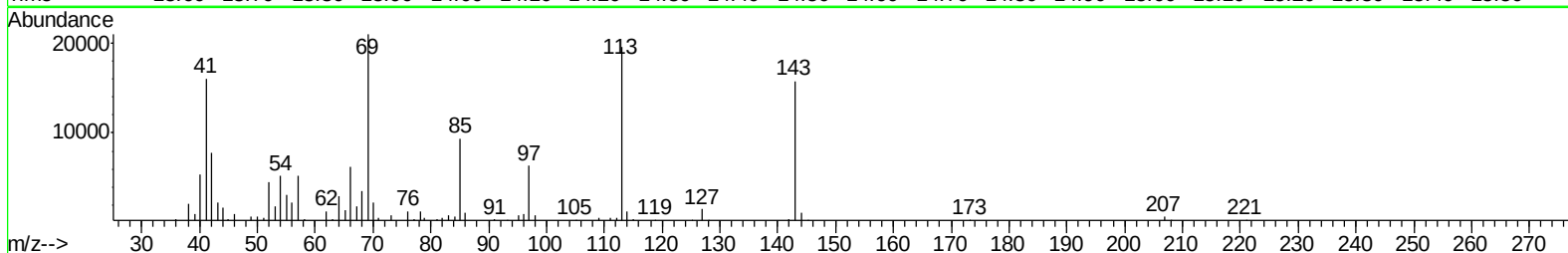
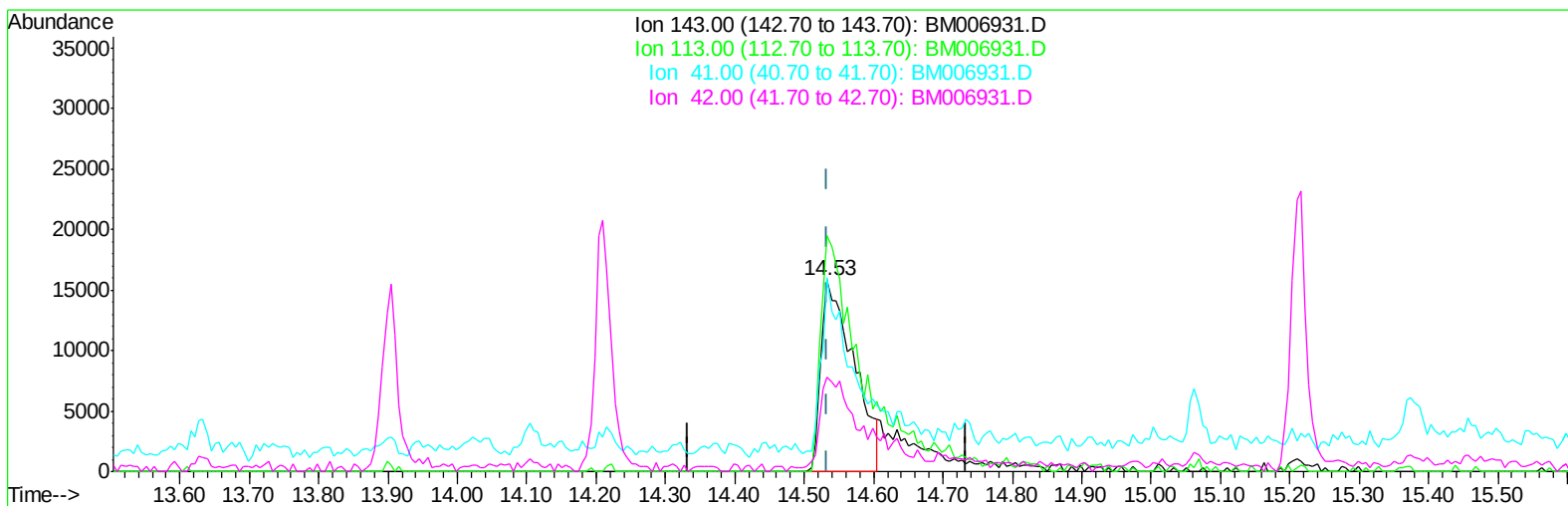
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BDJL2

Manual Integrations
APPROVED

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8/8/2016 7:02:58 PM

Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

(51) 4-Nitrophenol-d4 (S)

14.533min (+0.000) 6.52ng/ul

response 51822

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	123.70#
41.00	58.30	101.81#
42.00	33.50	49.43#

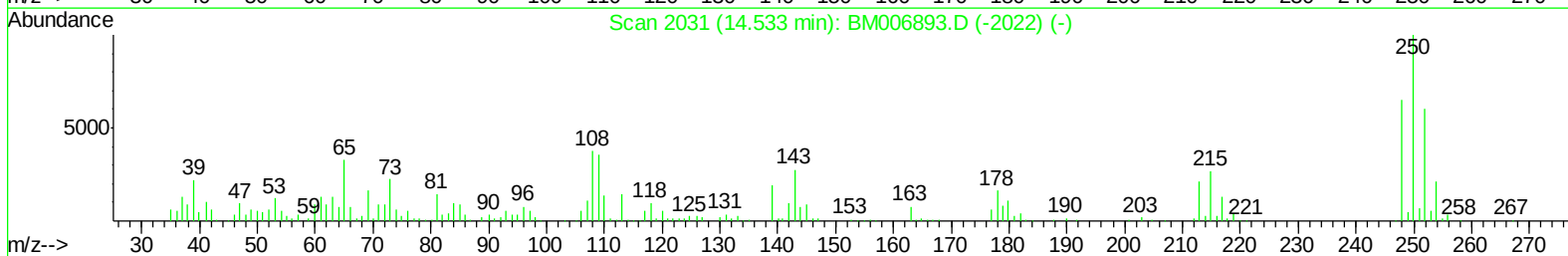
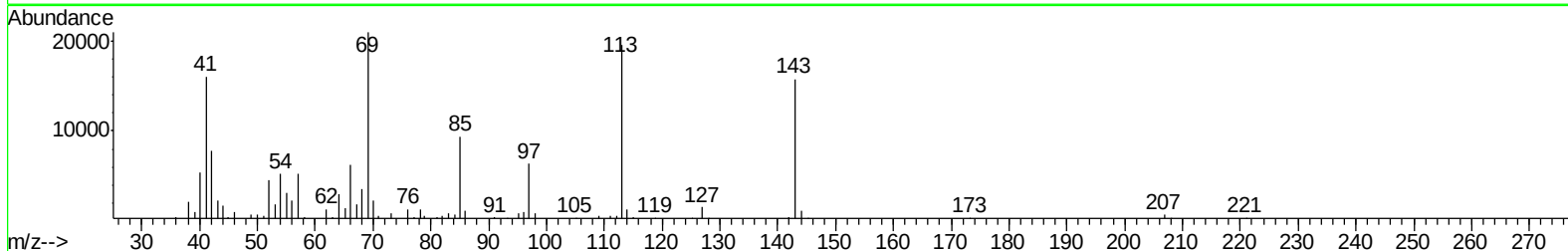
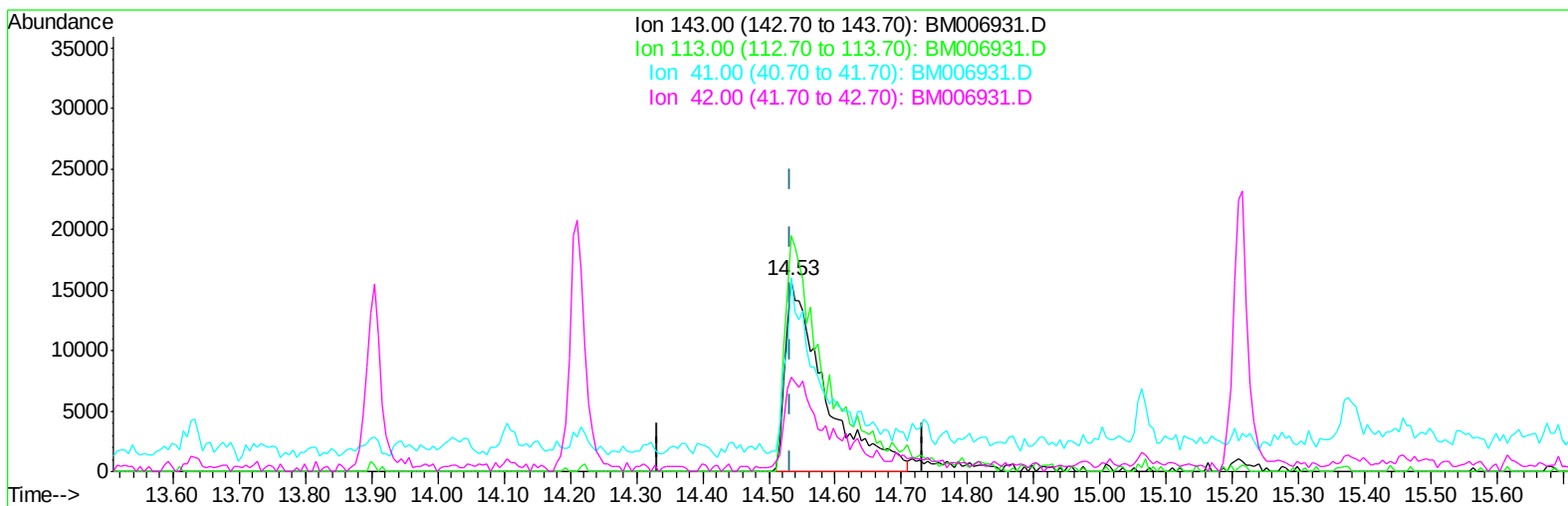
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL2

Quant Time: Aug 08 01:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM006931.D

(51) 4-Nitrophenol-d4 (S)

14.533min (+0.000) 8.29ng/ul m

response 65856

Ion	Exp%	Act%
143.00	100	100
113.00	87.10	123.70#
41.00	58.30	101.81#
42.00	33.50	49.43#

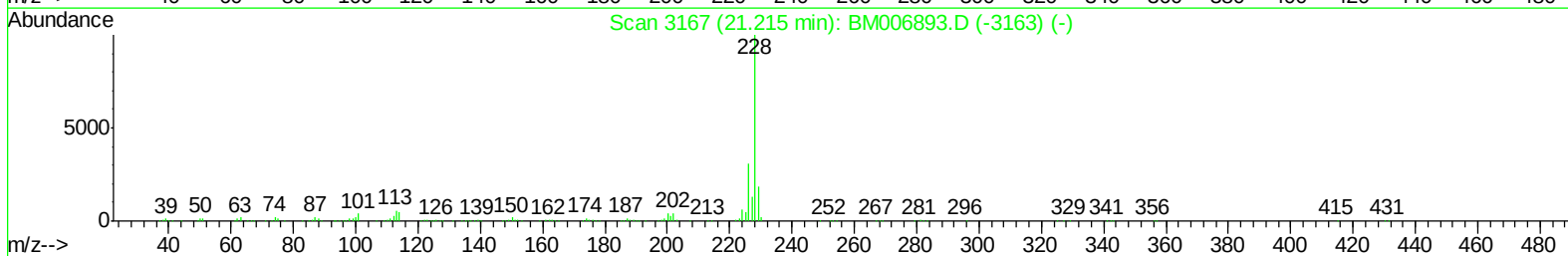
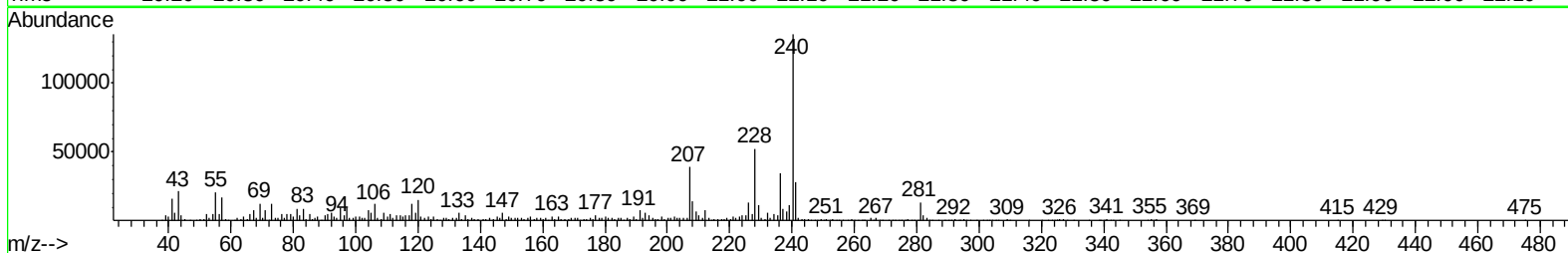
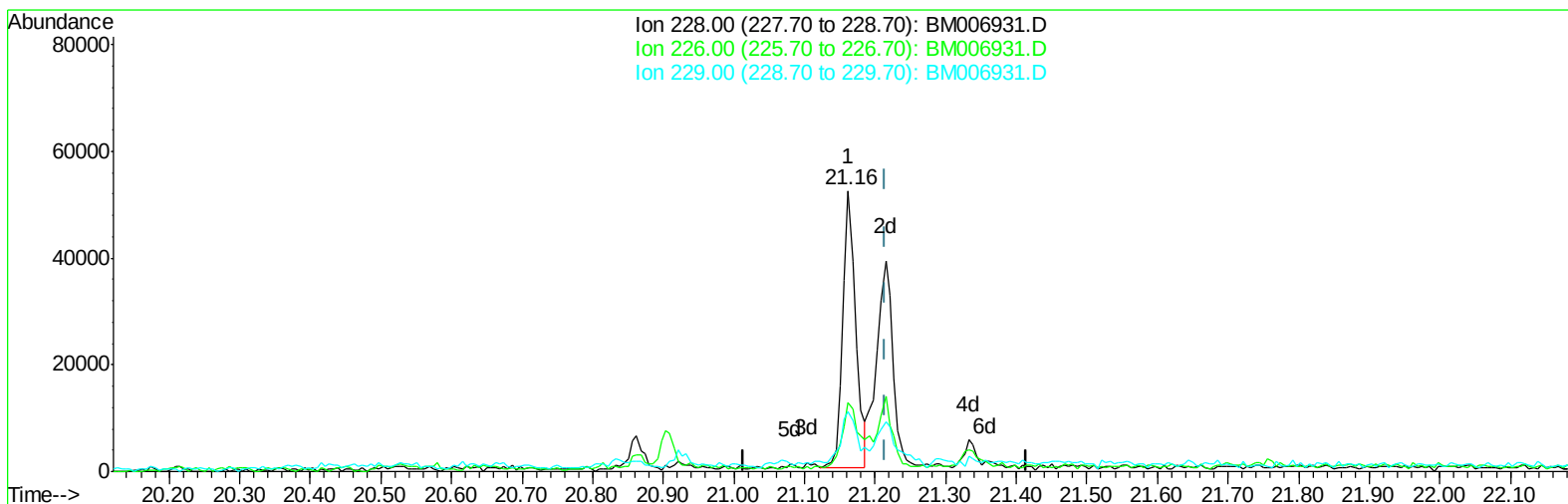
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BDJL2

Manual Integrations
APPROVED

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8/8/2016 7:02:58 PM

Quant Time: Aug 08 01:42:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

(82) Chrysene

21.162min (-0.053) 1.16ng/ul

response 66396

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	24.63
229.00	19.30	21.37
0.00	0.00	0.00

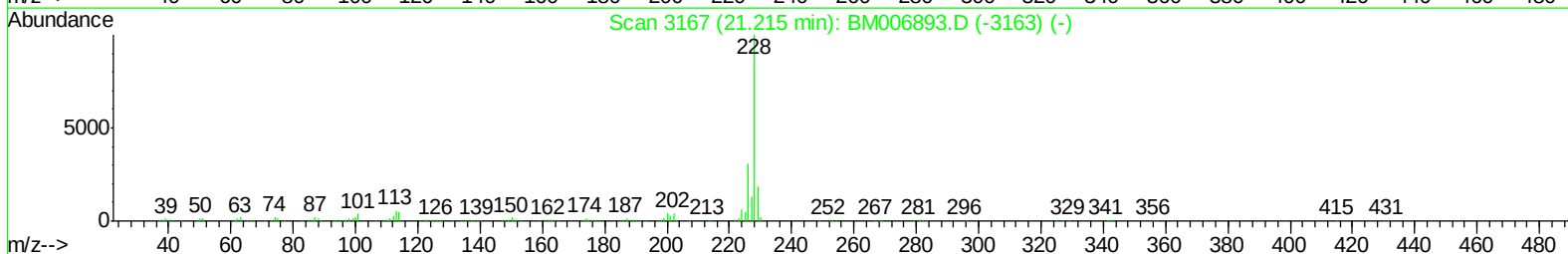
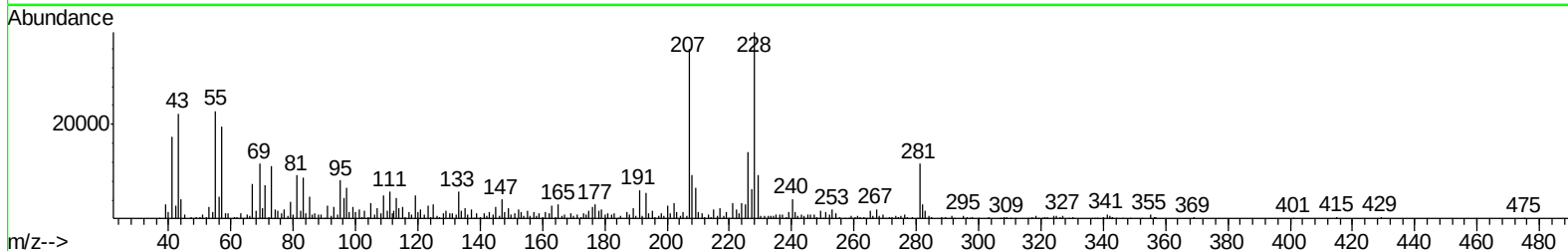
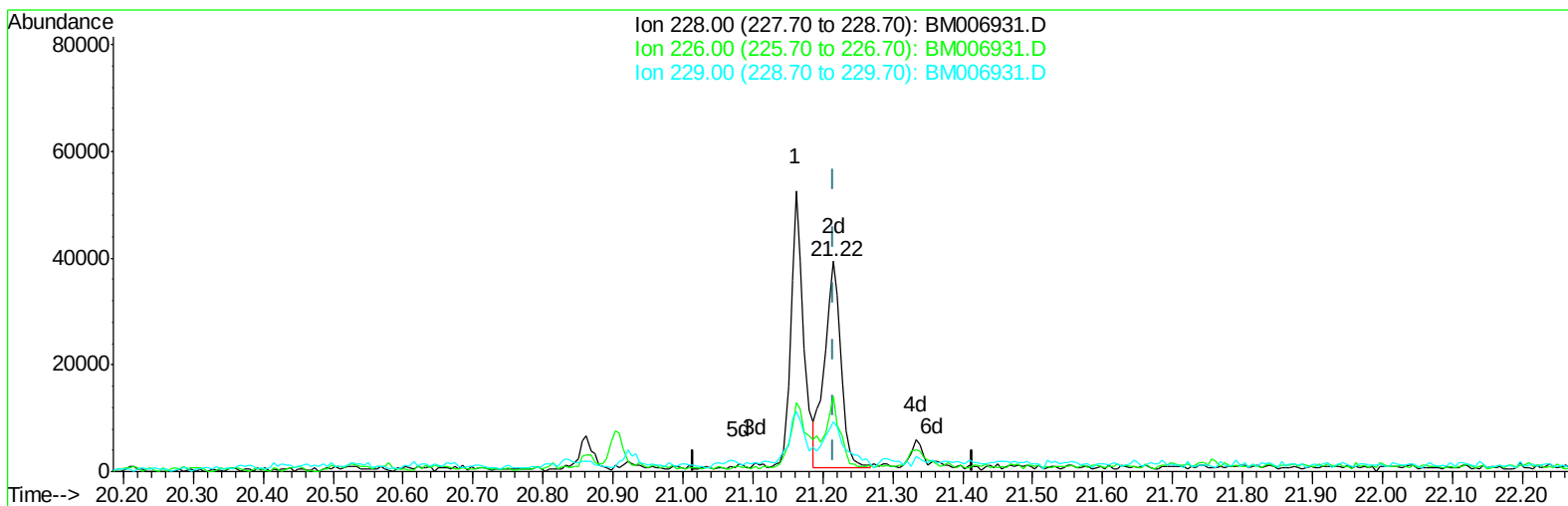
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006931.D
Acq On : 06 Aug 2016 09:58
Operator : UM/SJ
Sample : H4224-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL2

Manual Integrations
APPROVED

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Quant Time: Aug 08 01:42:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



TIC: BM006931.D

(82) Chrysene

21.215min (+0.000) 1.11ng/ul m

response 63380

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	36.04#
229.00	19.30	23.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
 Data File : BM006931.D
 Acq On : 06 Aug 2016 09:58
 Operator : UM/SJ
 Sample : H4224-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJL2

Manual Integrations
 APPROVED

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 8/8/2016 7:02:58 PM

Quant Time: Aug 08 01:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 06 00:33:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	180839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	766617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	439771	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	974043	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1069312	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1084329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	6089m	1.85	ng/uL	0.00
5) Phenol-d5	6.78	99	252142	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	180375	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	209988	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	167953	15.52	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	99963	19.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	117206	18.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	203405m	15.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	240525m	18.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	713431	19.69	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	864539	19.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	65856m	8.29	ng/ul	0.00
57) Fluorene-d10	15.22	176	623078	18.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	53473	8.41	ng/ul	0.00
70) Anthracene-d10	17.07	188	938742	20.07	ng/ul	0.00
76) Pyrene-d10	19.37	212	1096414	20.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1076581	20.39	ng/ul	0.00

Target Compounds						Qvalue
44) Dimethylphthalate	13.68	163	300690	8.35	ng/ul	96
74) Fluoranthene	19.04	202	112629	1.64	ng/ul#	94
77) Pyrene	19.40	202	114600	1.63	ng/ul#	96
80) Benzo(a)anthracene	21.16	228	66396	1.02	ng/ul	96
82) Chrysene	21.22	228	63380m	1.11	ng/ul	
85) Benzo(b)fluoranthene	22.72	252	91987	1.35	ng/ul#	93

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

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Instrument :
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Manual Integrations
APPROVED

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Quant Time: Aug 08 01:44:29 2016
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