

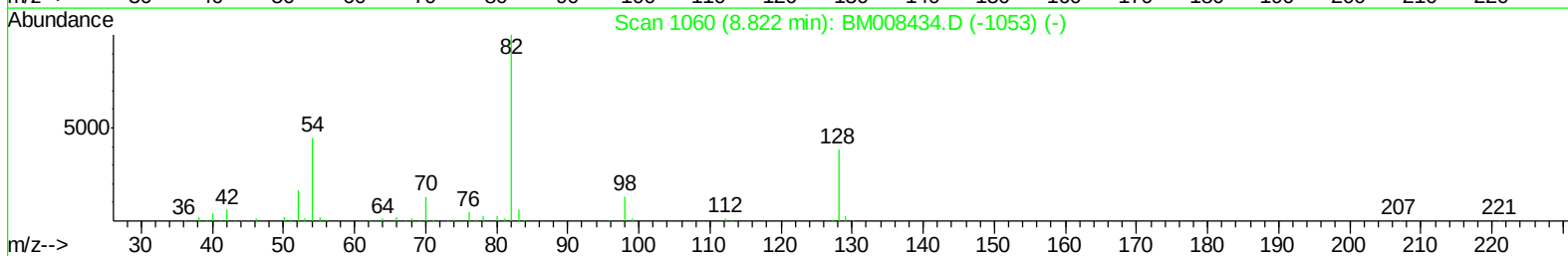
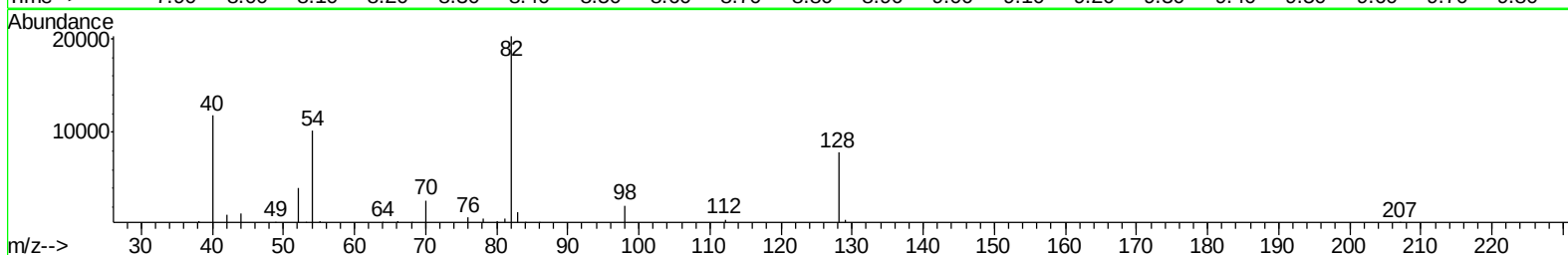
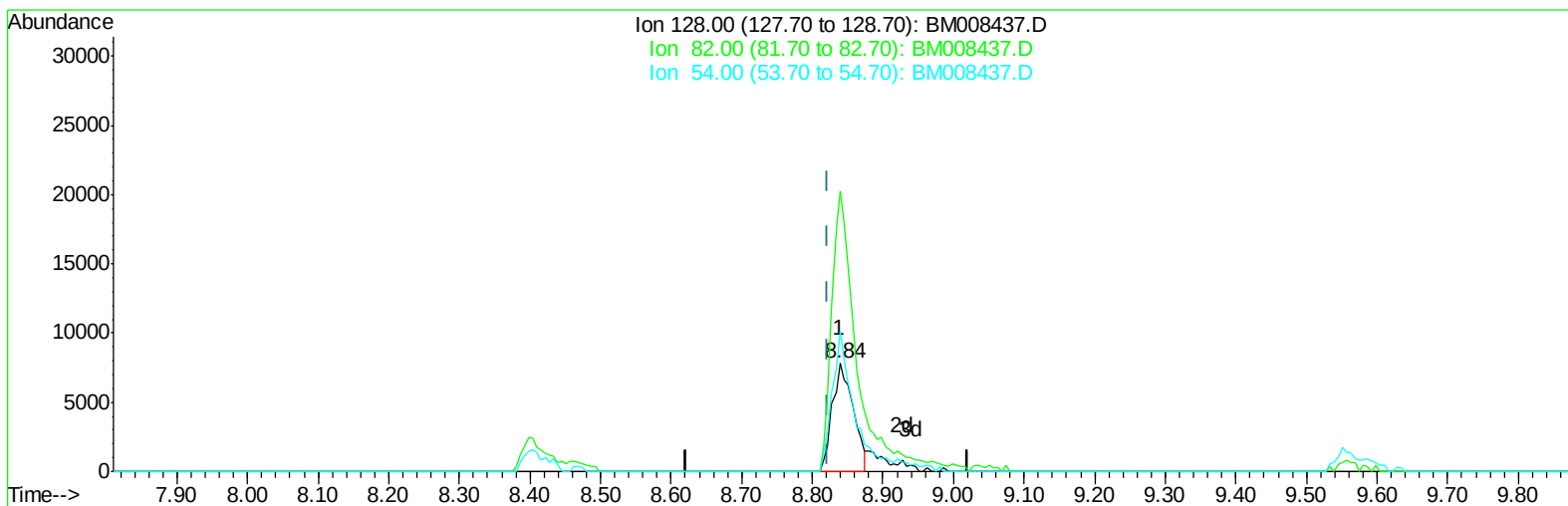
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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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umangi
12/20/2016 10:53:27 AM



TIC: BM008437.D

(19) Nitrobenzene-d5 (S)

8.839min (+0.017) 4.61ng/ul

response 16200

Ion	Exp%	Act%
128.00	100	100
82.00	250.90	259.36
54.00	119.50	129.40
0.00	0.00	0.00

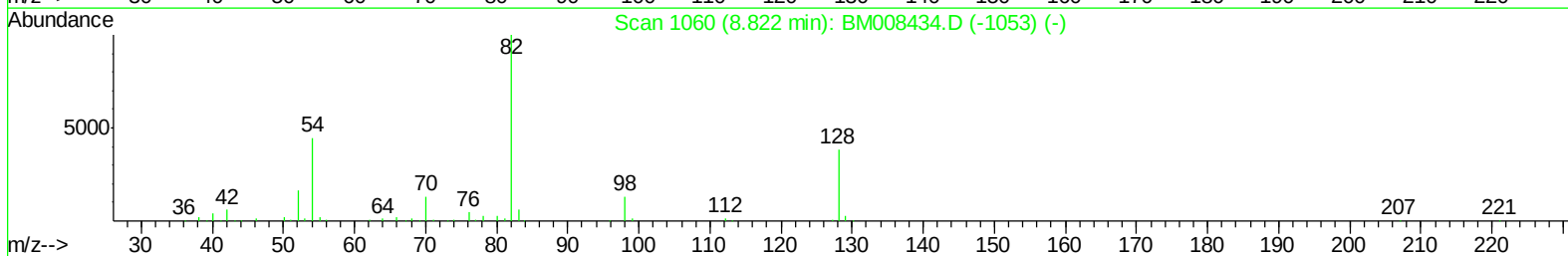
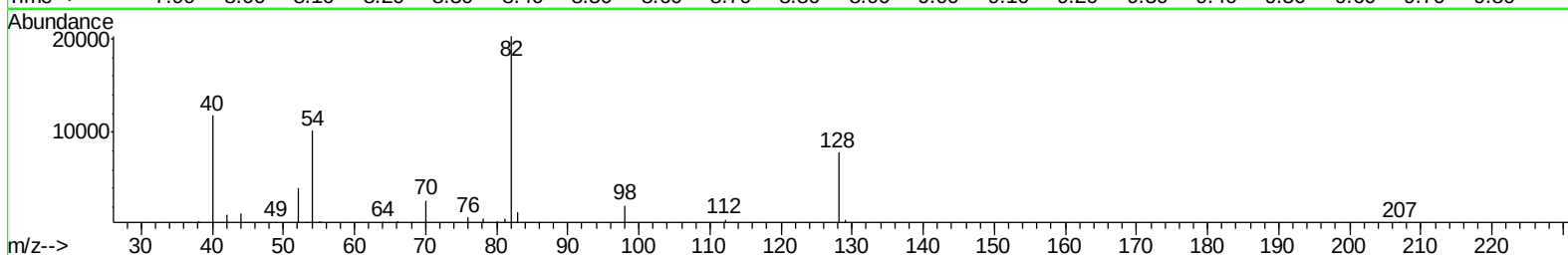
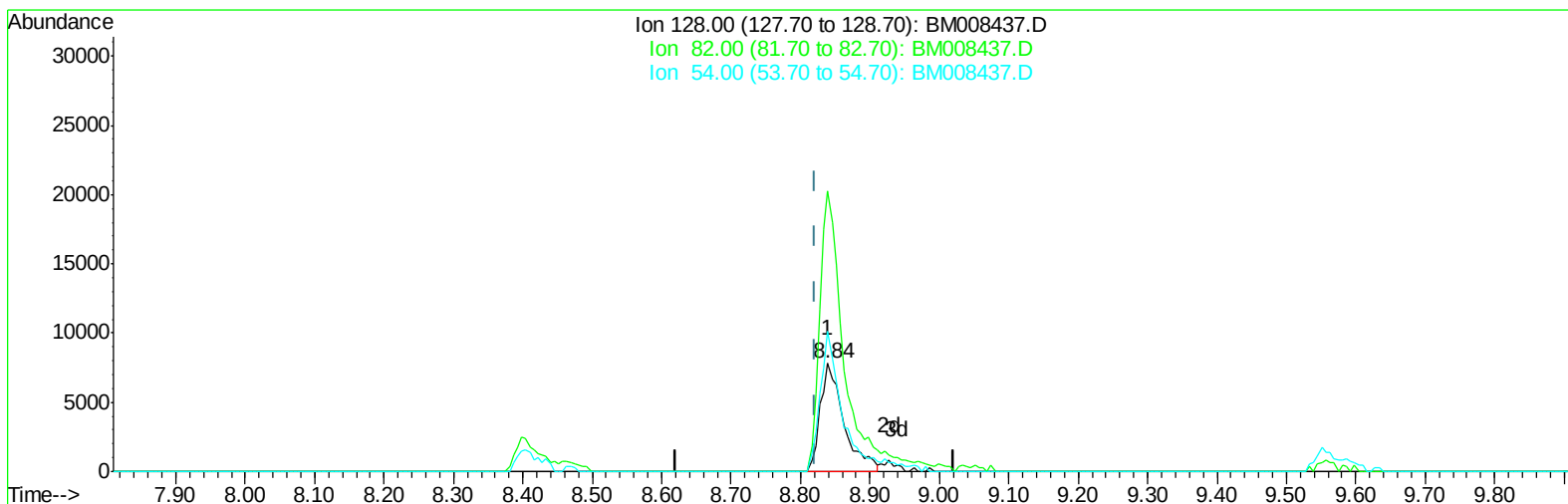
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(19) Nitrobenzene-d5 (S)

8.839min (+0.017) 5.23ng/ul m

response 18382

Ion	Exp%	Act%
128.00	100	100
82.00	250.90	259.36
54.00	119.50	129.40
0.00	0.00	0.00

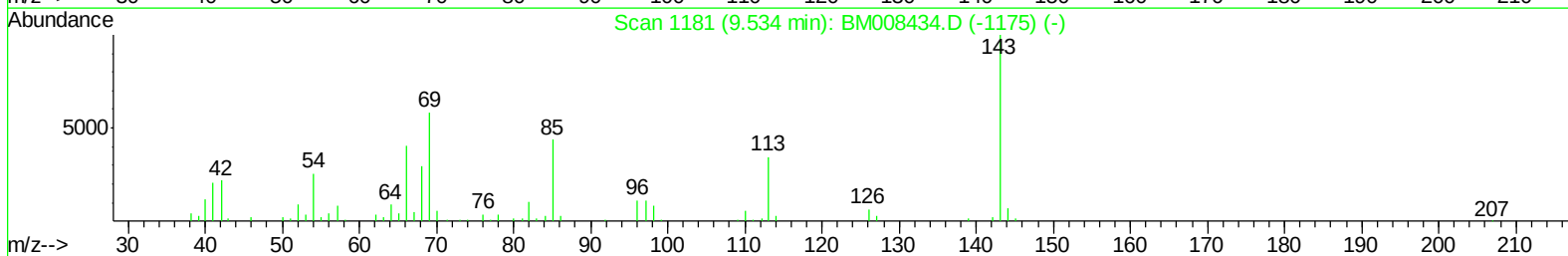
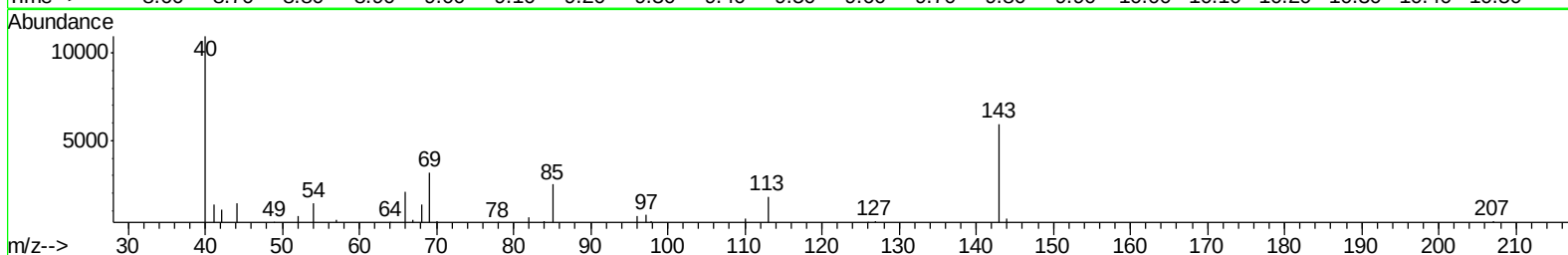
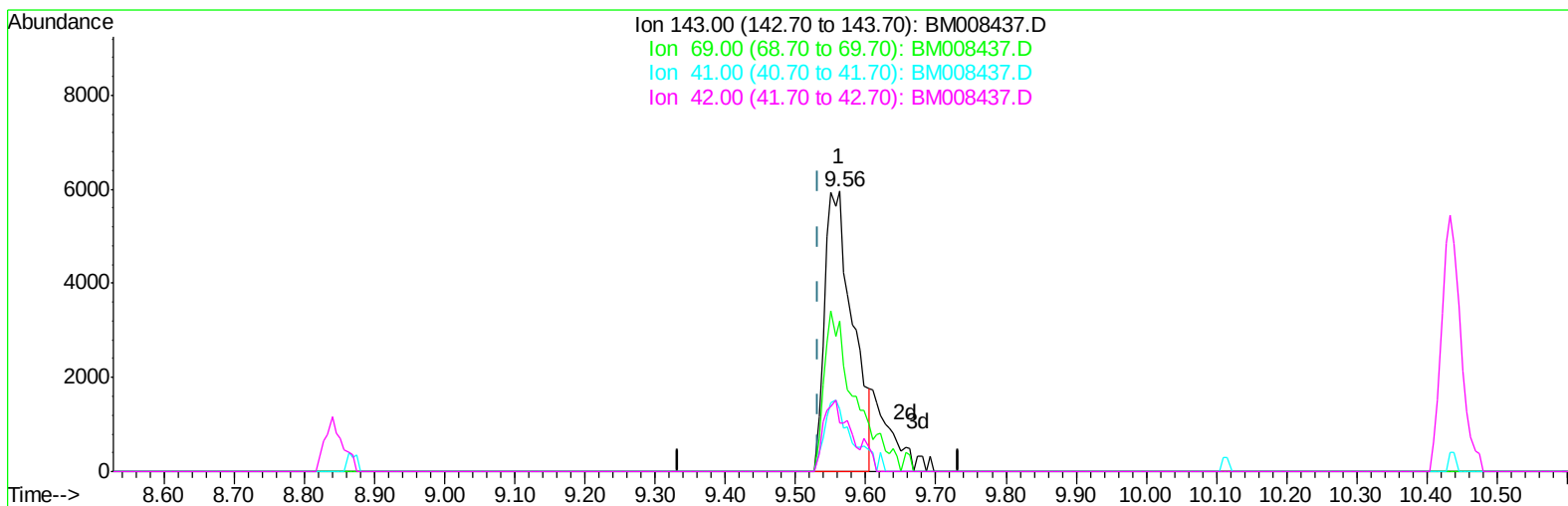
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(22) 2-Nitrophenol-d4 (S)

9.563min (+0.029) 4.23ng/ul

response 16466

Ion	Exp%	Act%
143.00	100	100
69.00	58.20	53.53
41.00	21.10	22.25
42.00	24.40	17.51#

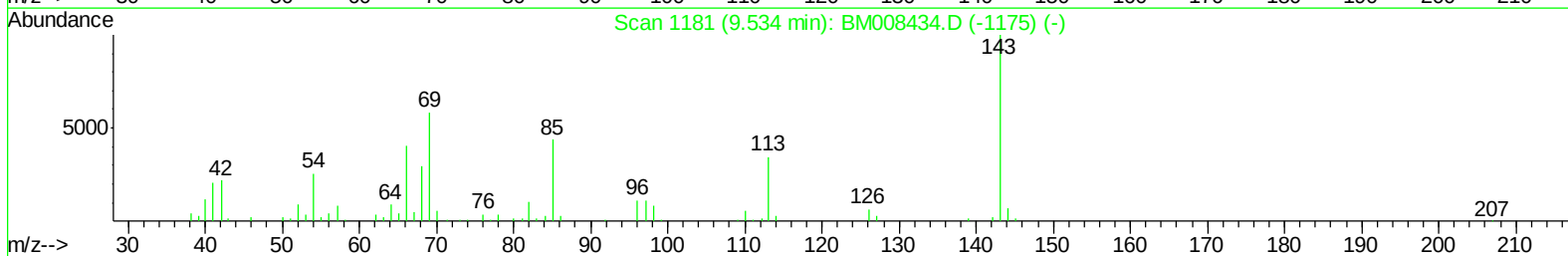
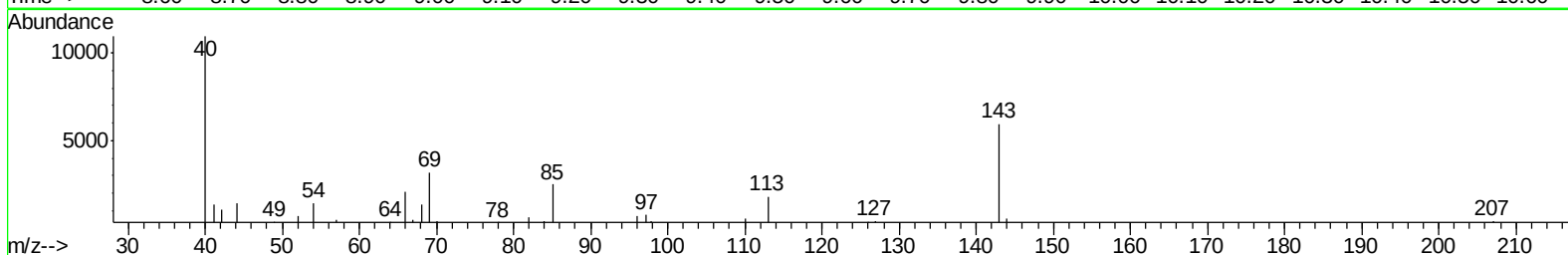
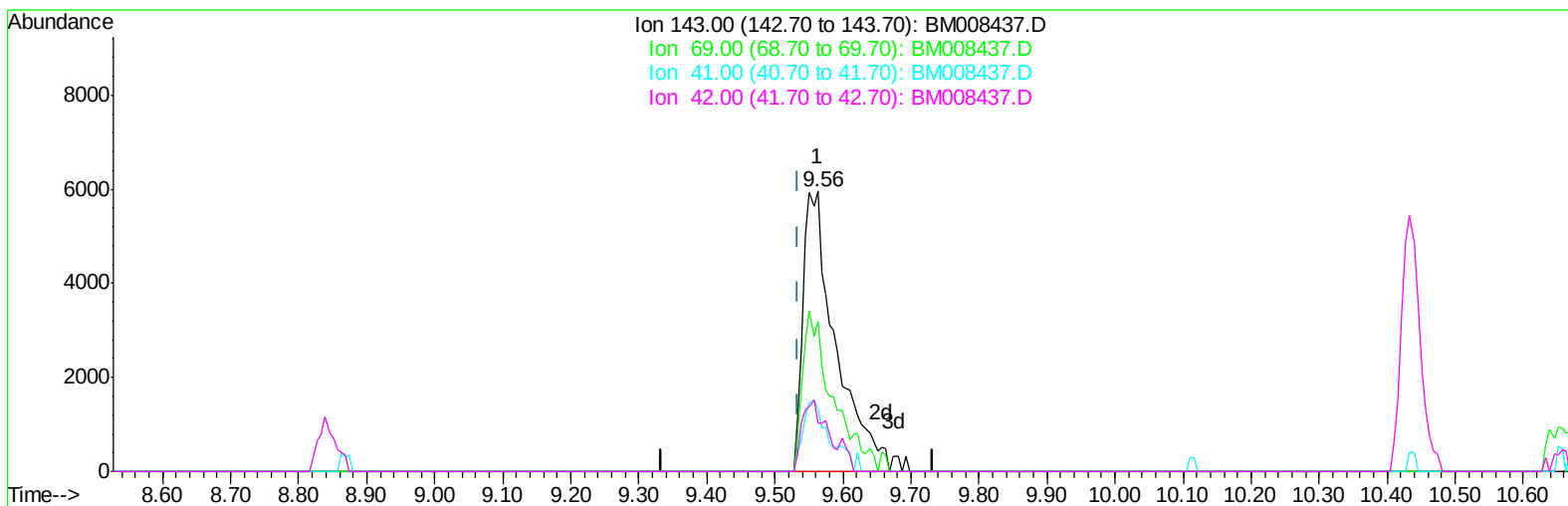
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(22) 2-Nitrophenol-d4 (S)
9.563min (+0.029) 5.06ng/ul m
response 19691

Ion	Exp%	Act%
143.00	100	100
69.00	58.20	53.53
41.00	21.10	22.25
42.00	24.40	17.51#

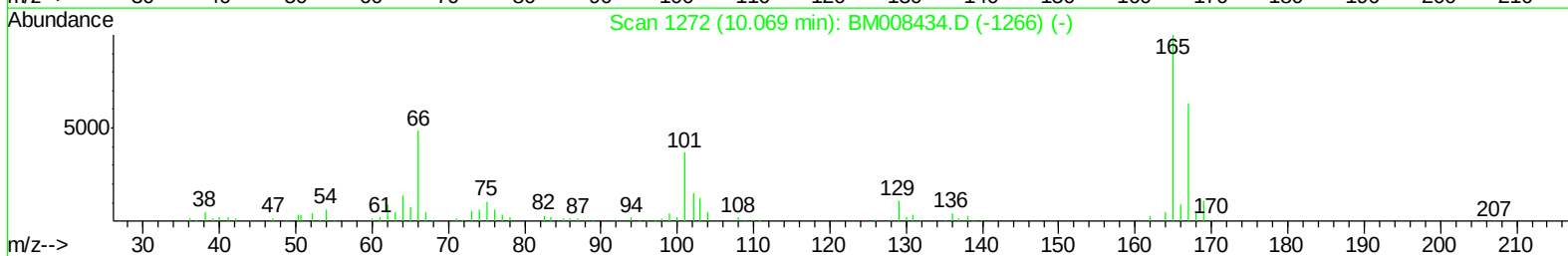
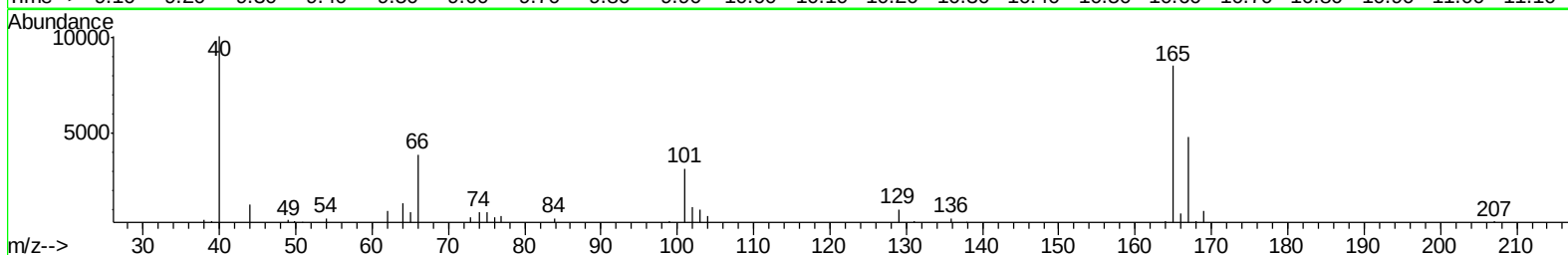
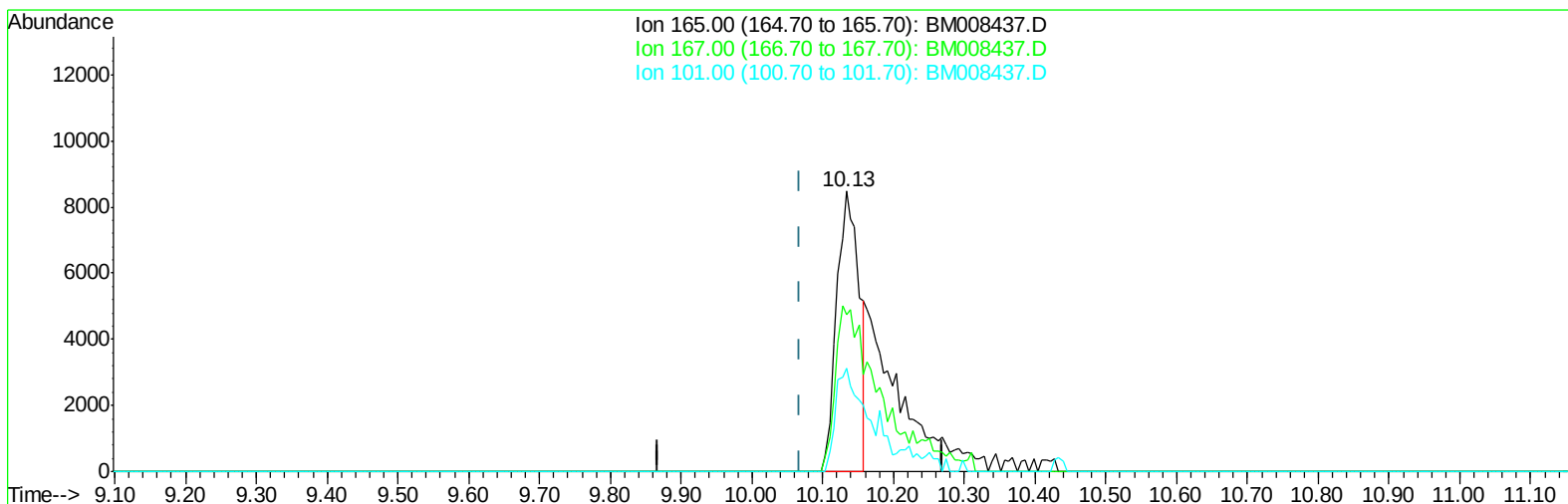
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

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

10.133min (+0.064) 2.61ng/ul

response 18605

Ion	Exp%	Act%
165.00	100	100
167.00	64.50	56.15
101.00	35.20	36.98
0.00	0.00	0.00

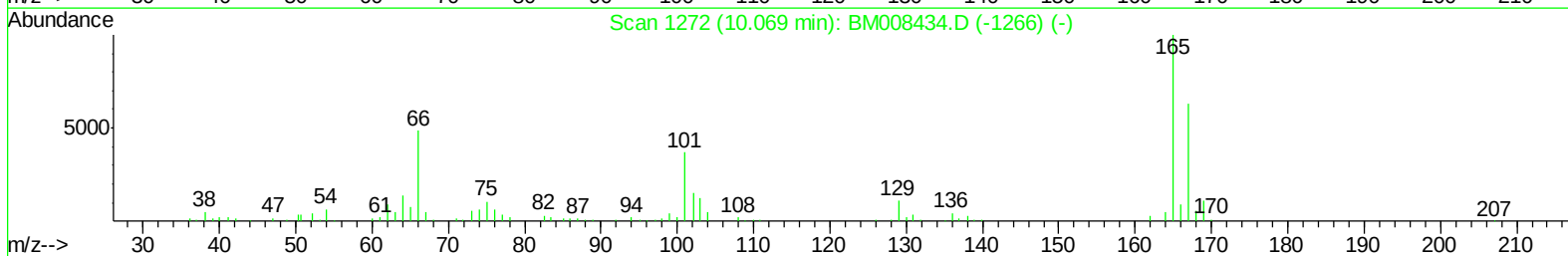
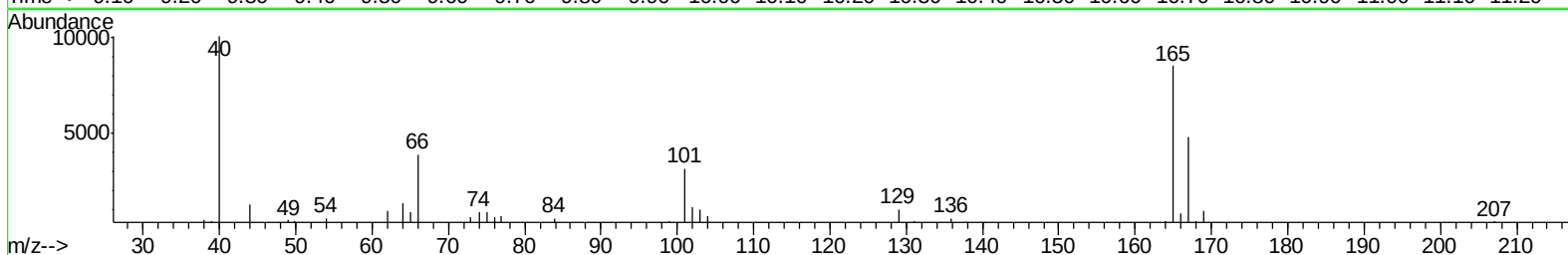
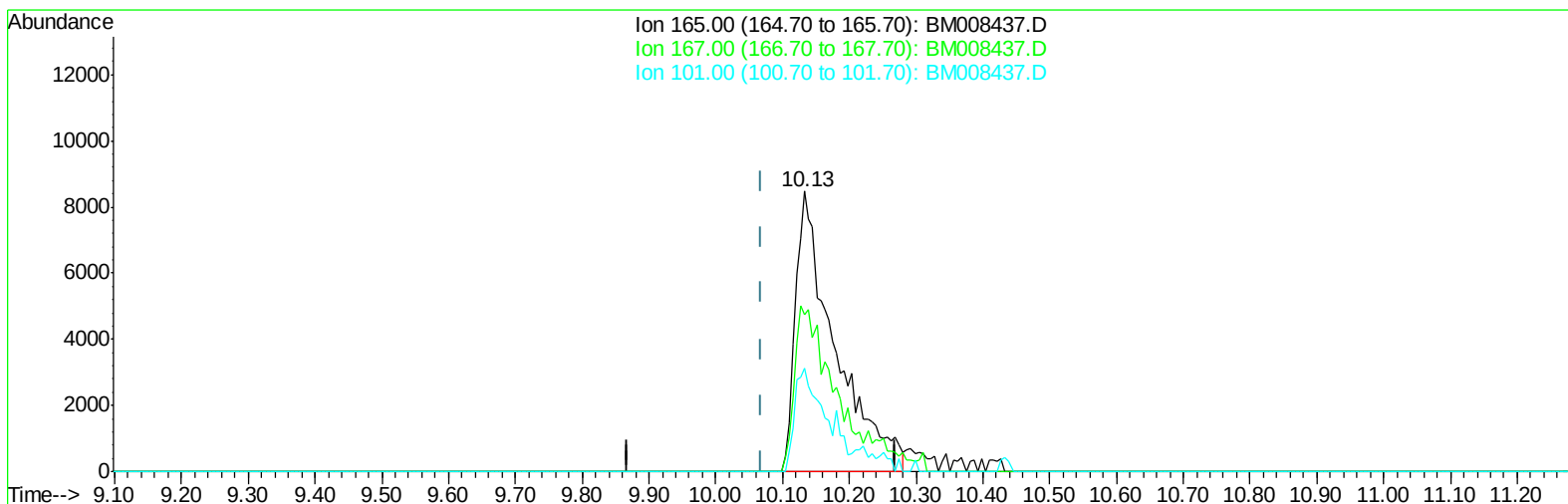
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

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

10.133min (+0.064) 4.84ng/ul m

response 34546

Ion	Exp%	Act%
165.00	100	100
167.00	64.50	56.15
101.00	35.20	36.98
0.00	0.00	0.00

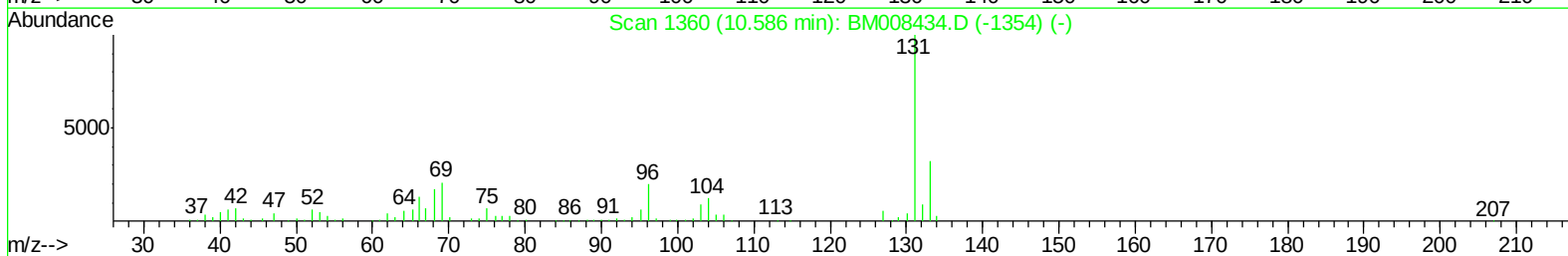
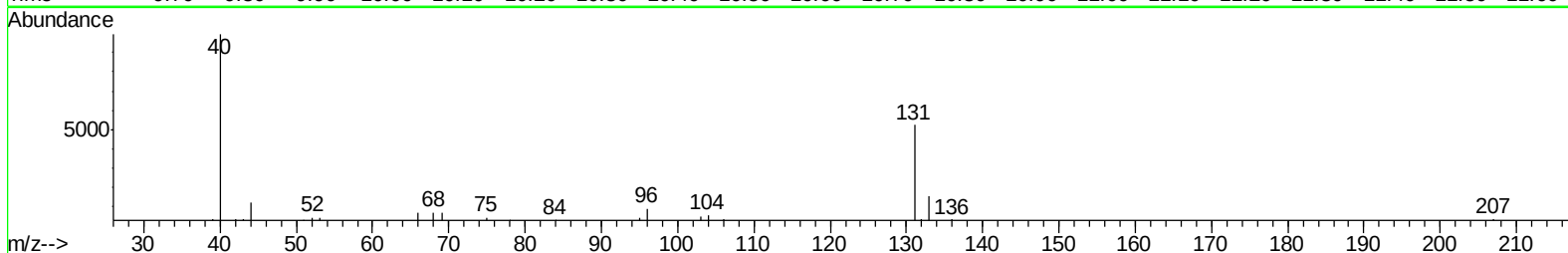
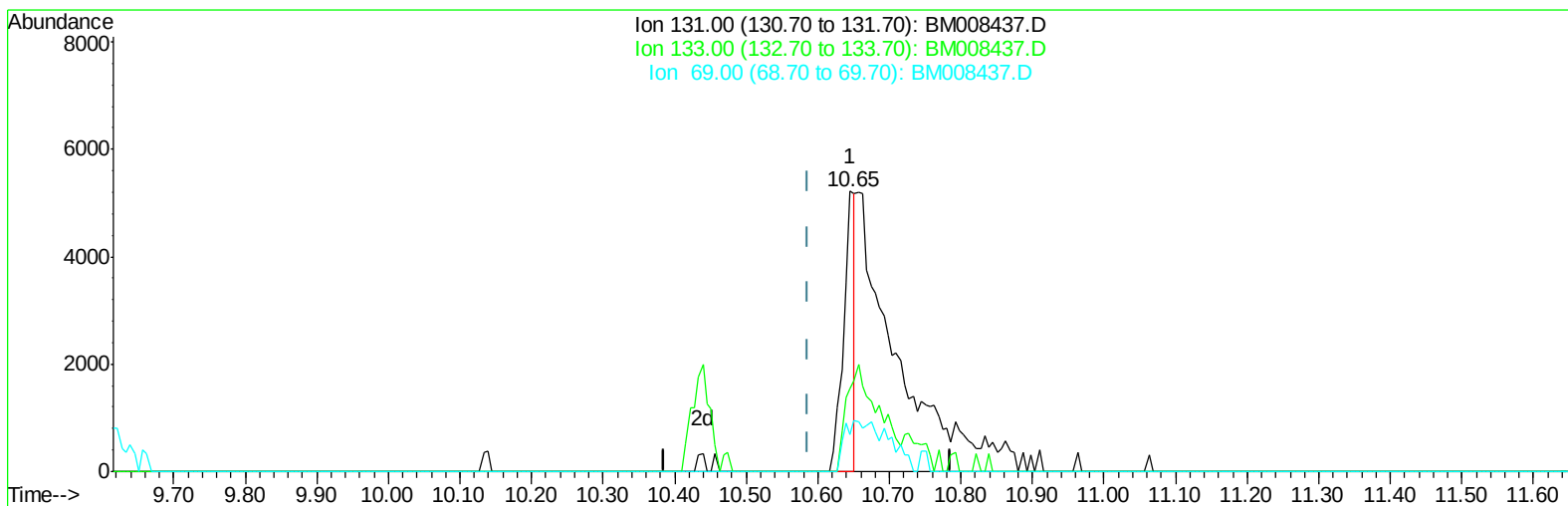
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(29) 4-Chloroaniline-d4 (S)
10.645min (+0.059) 0.75ng/ul
response 6129

Ion	Exp%	Act%
131.00	100	100
133.00	34.20	29.77
69.00	21.70	13.40#
0.00	0.00	0.00

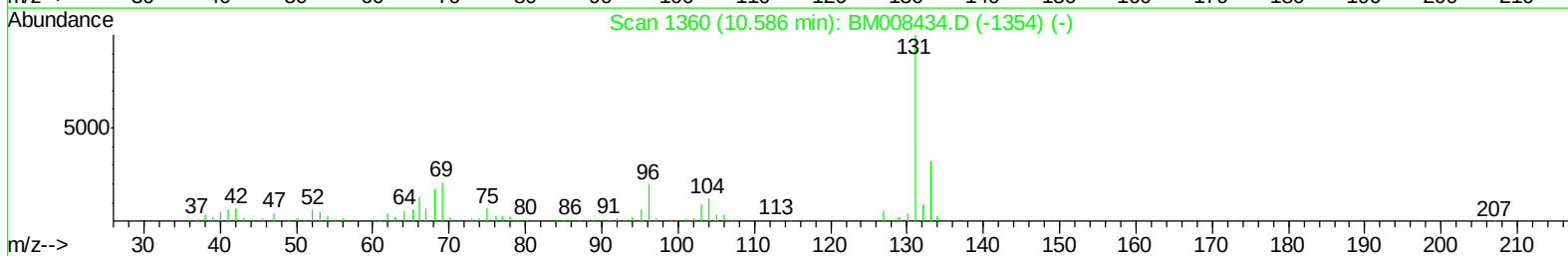
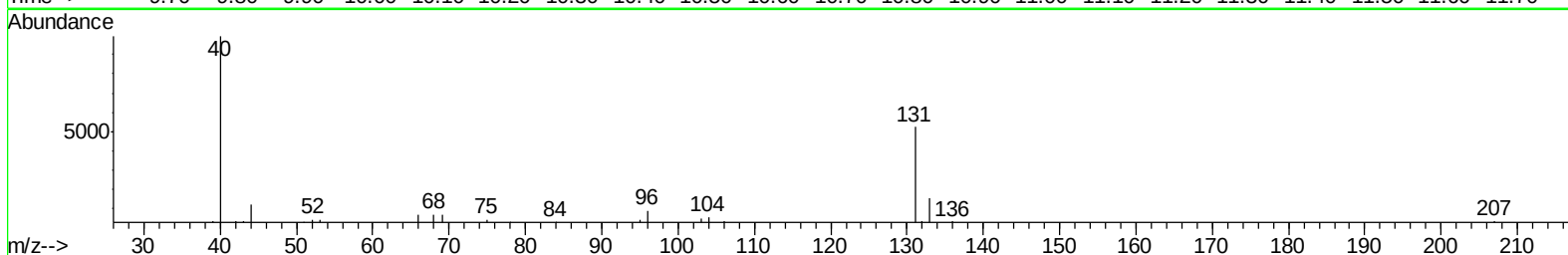
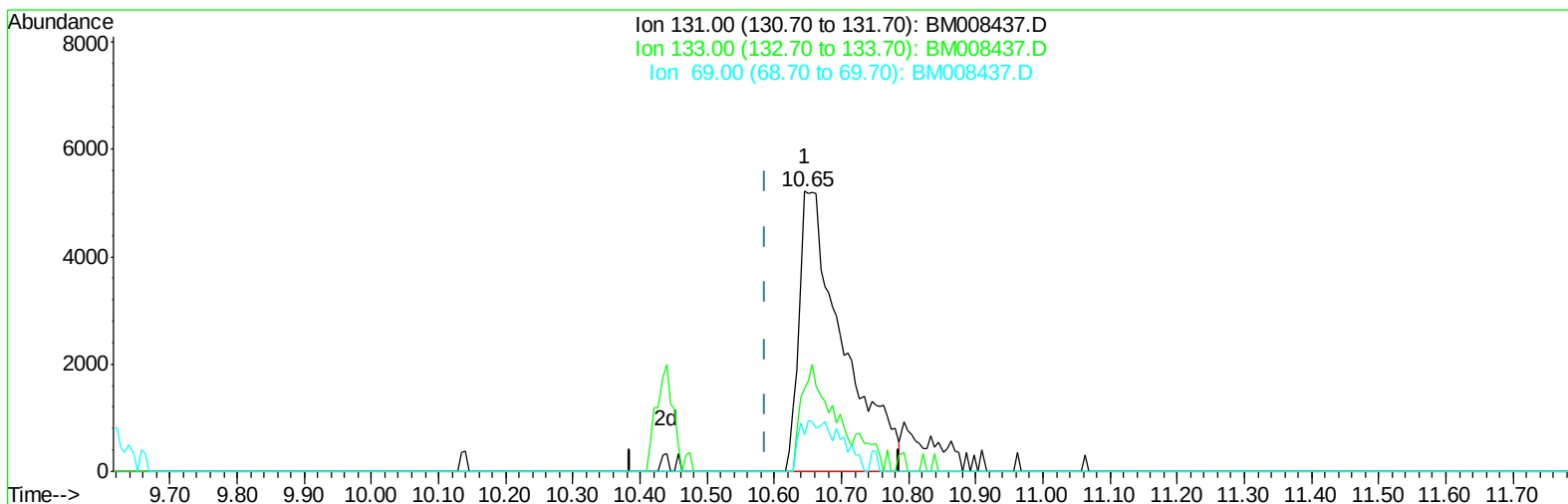
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(29) 4-Chloroaniline-d4 (S)

10.645min (+0.059) 2.89ng/ul m

response 23587

Ion	Exp%	Act%
131.00	100	100
133.00	34.20	29.77
69.00	21.70	13.40#
0.00	0.00	0.00

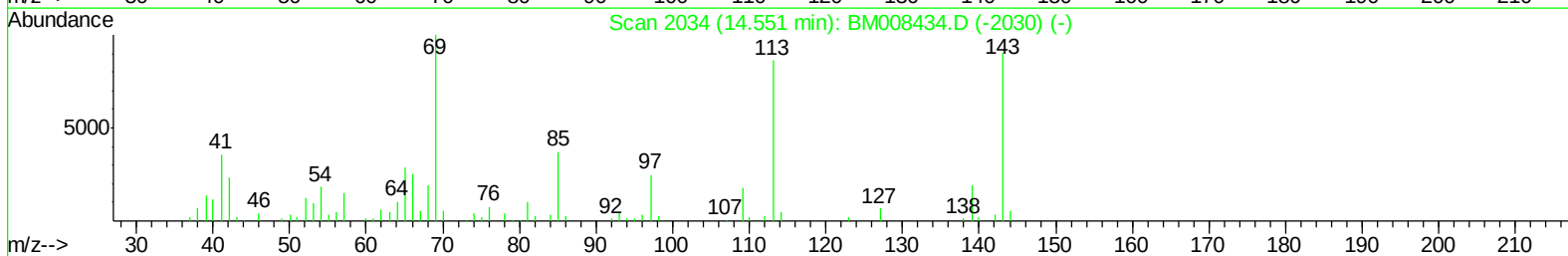
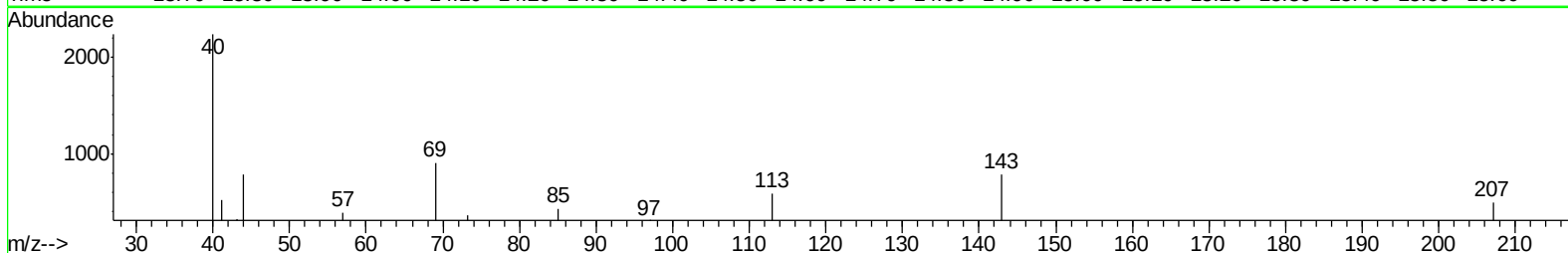
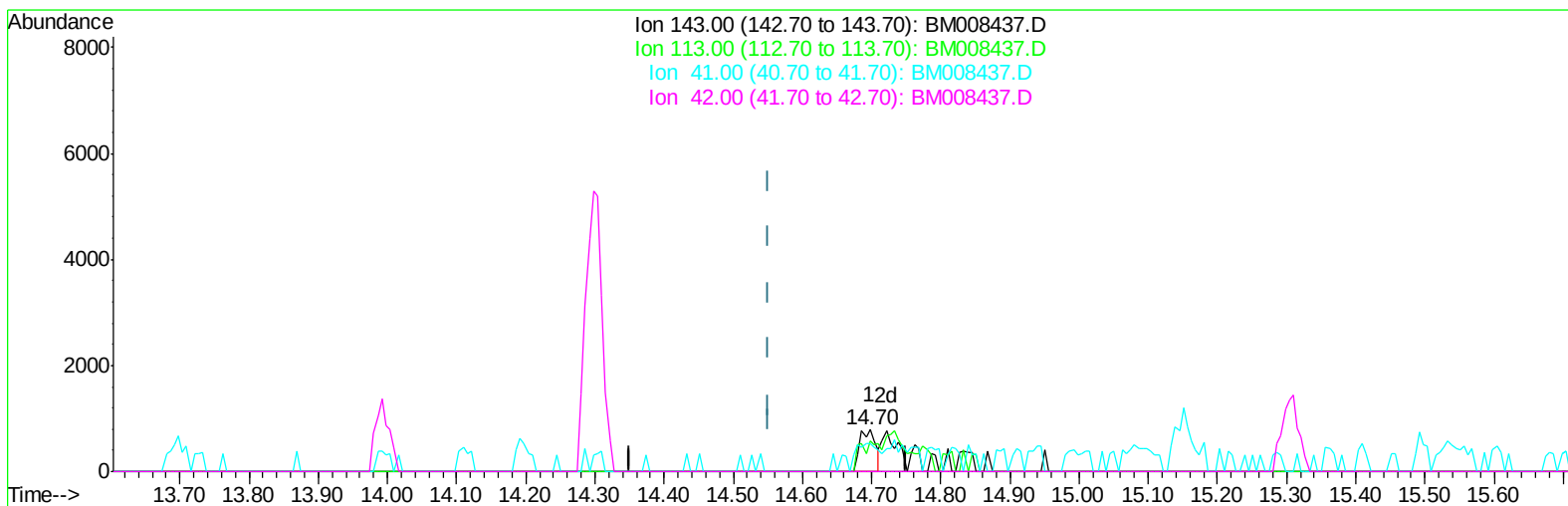
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(51) 4-Nitrophenol-d4 (S)

14.698min (+0.147) 0.39ng/ul

response 1246

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	74.52#
41.00	39.40	66.41#
42.00	27.40	0.00#

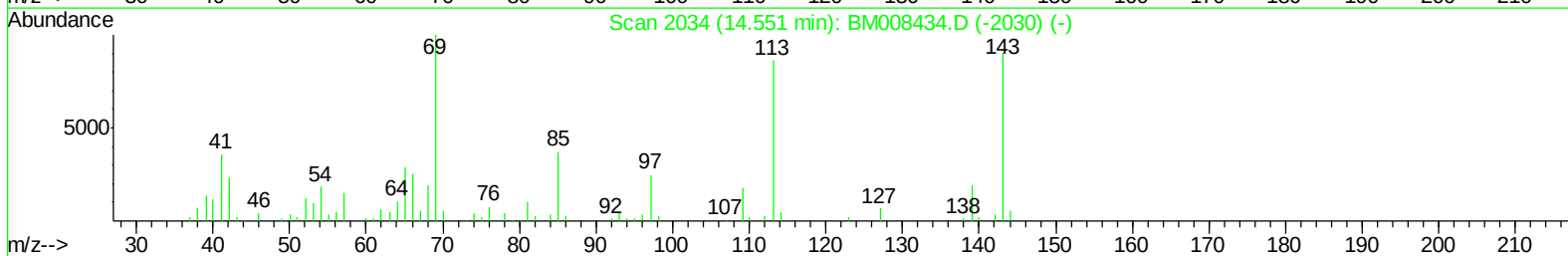
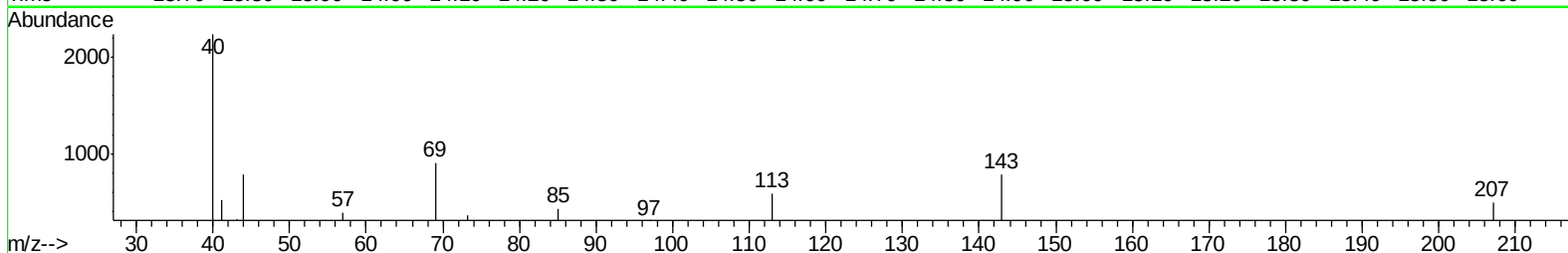
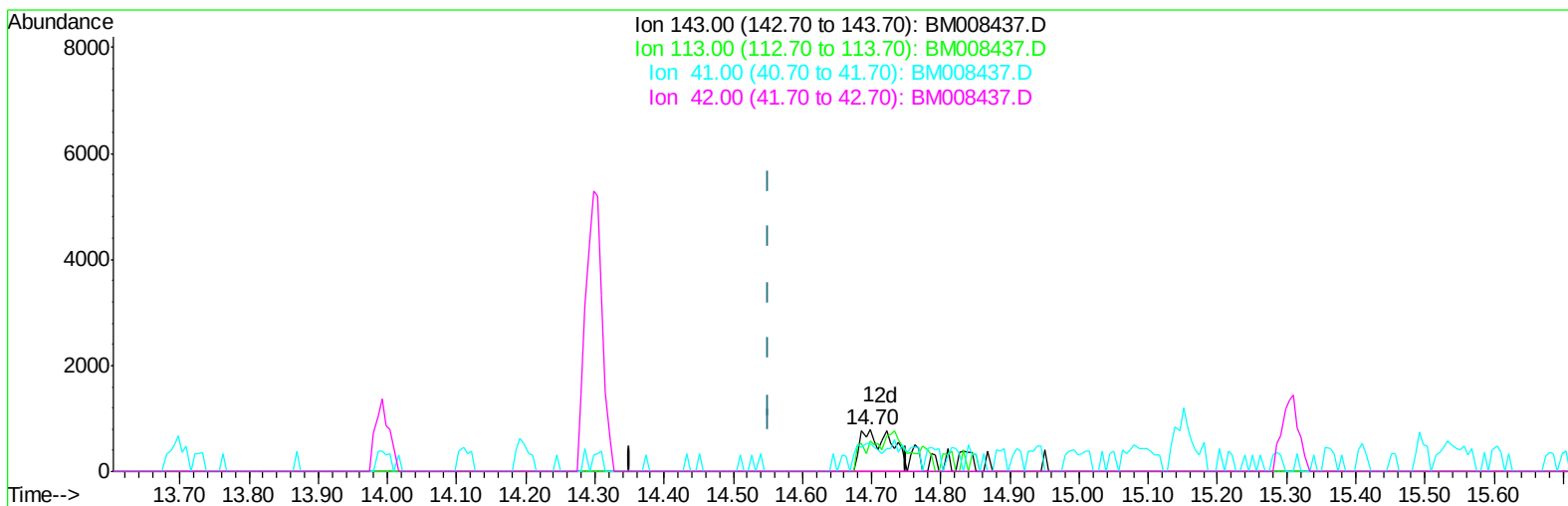
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(51) 4-Nitrophenol-d4 (S)

14.698min (+0.147) 0.76ng/ul m

response 2416

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	74.52#
41.00	39.40	66.41#
42.00	27.40	0.00#

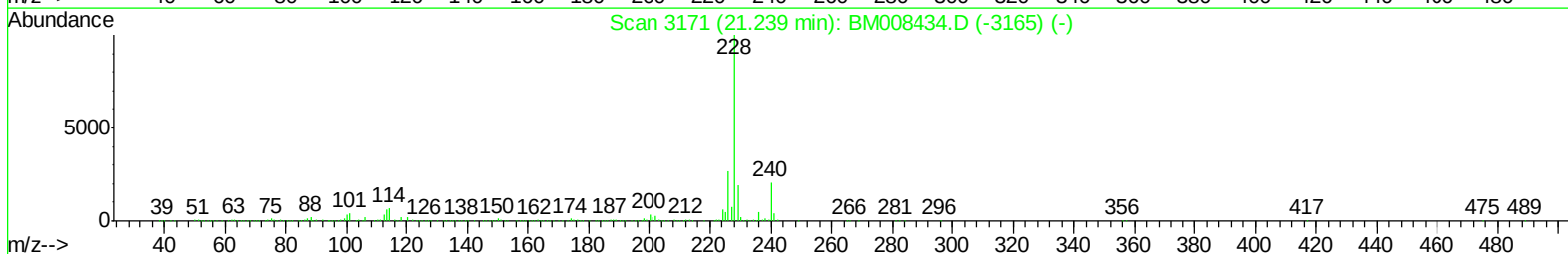
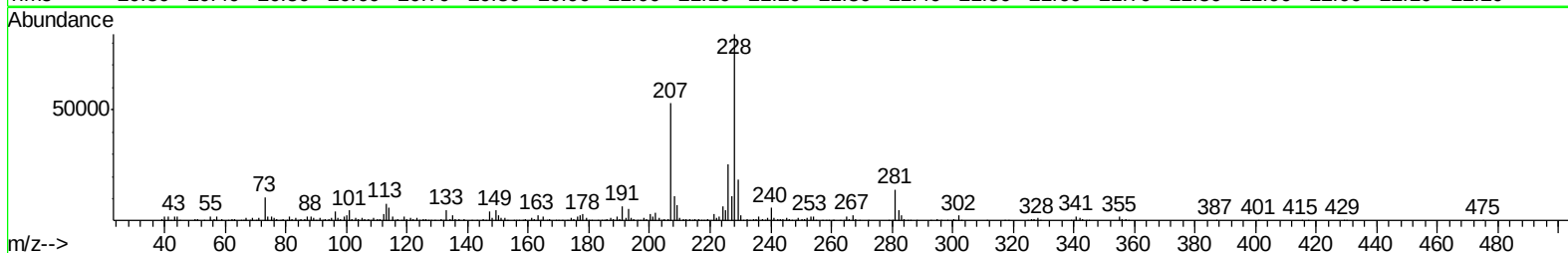
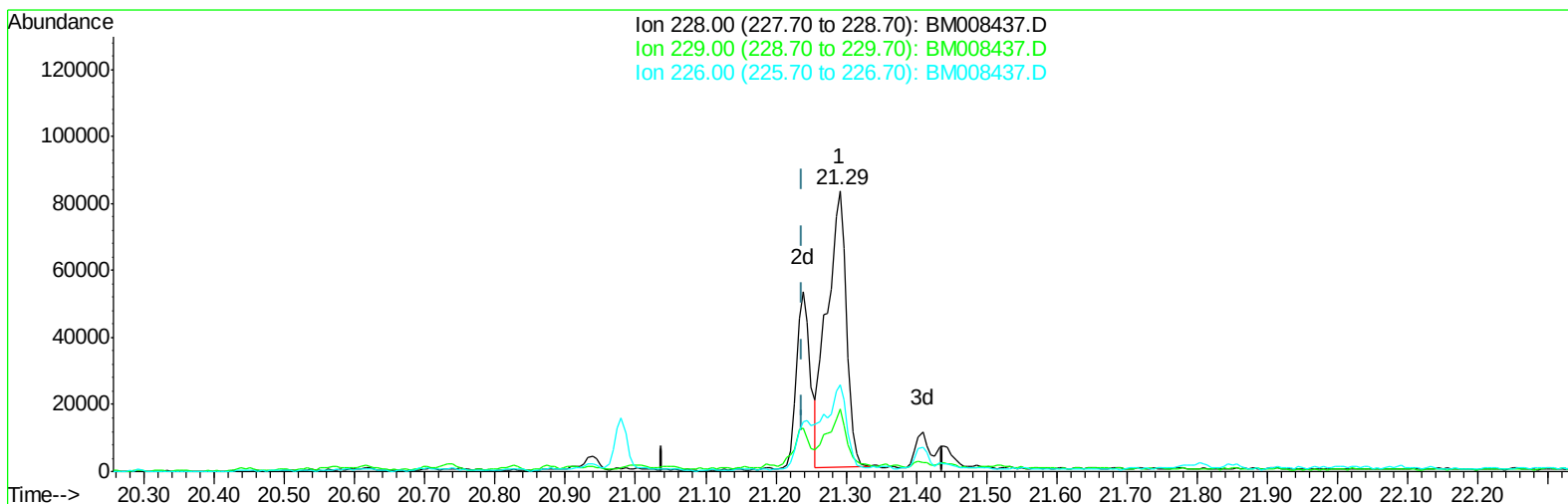
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(80) Benzo(a)anthracene
21.291min (+0.053) 3.76ng/ul

response 157802

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.46
226.00	26.50	30.72
0.00	0.00	0.00

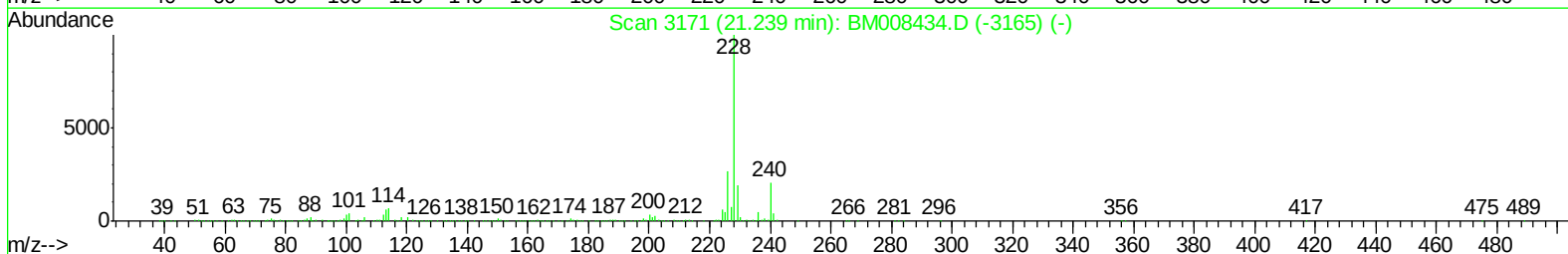
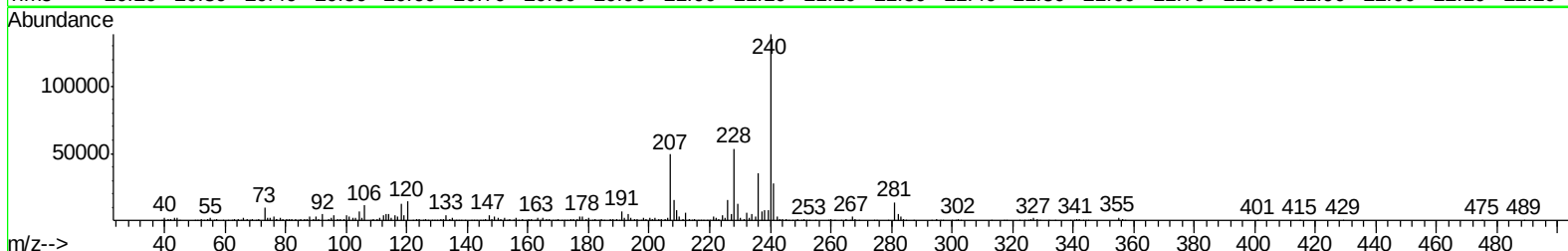
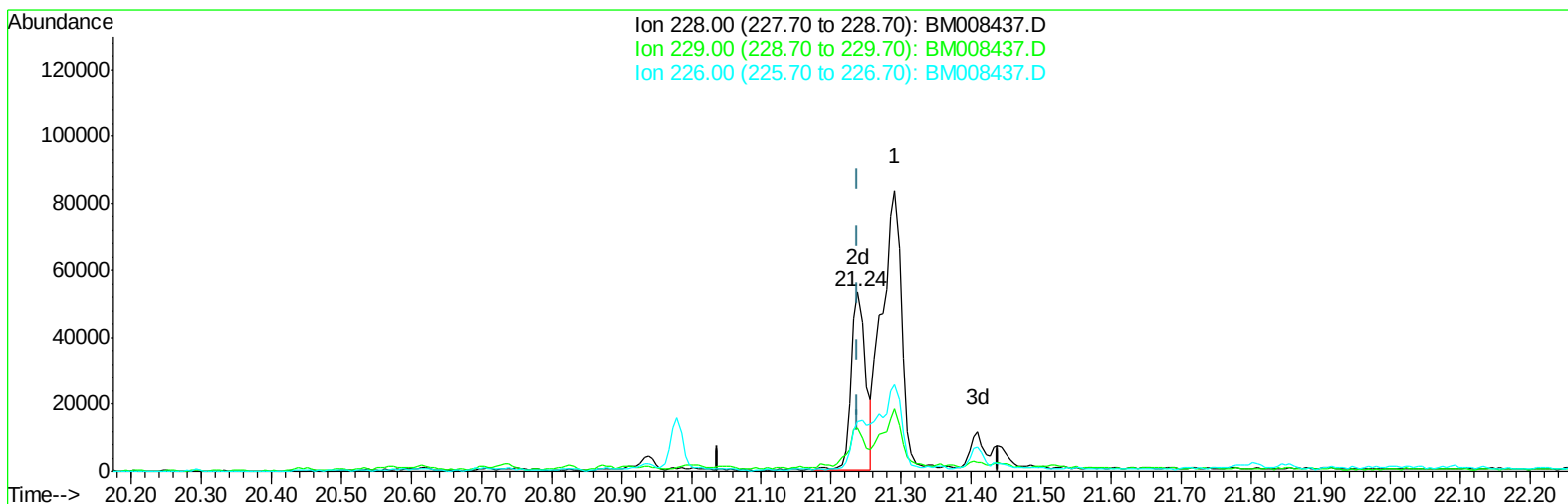
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(80) Benzo(a)anthracene

21.238min (-0.000) 1.84ng/ul m

response 76985

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	23.88#
226.00	26.50	27.90
0.00	0.00	0.00

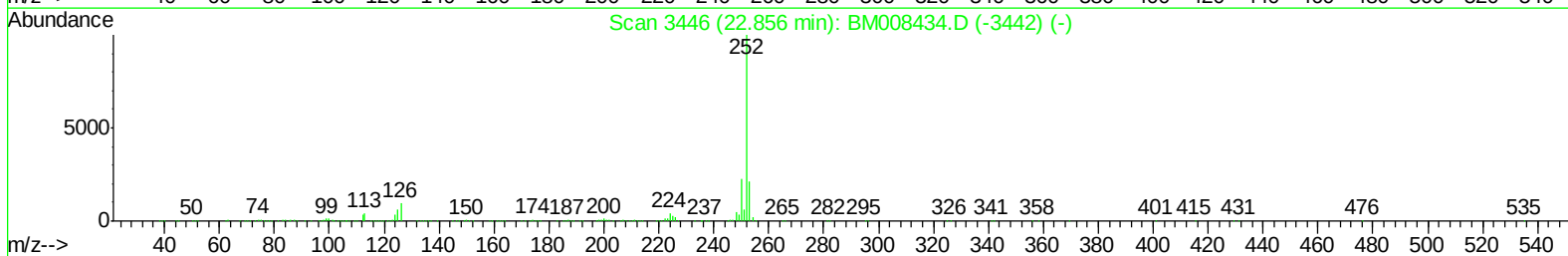
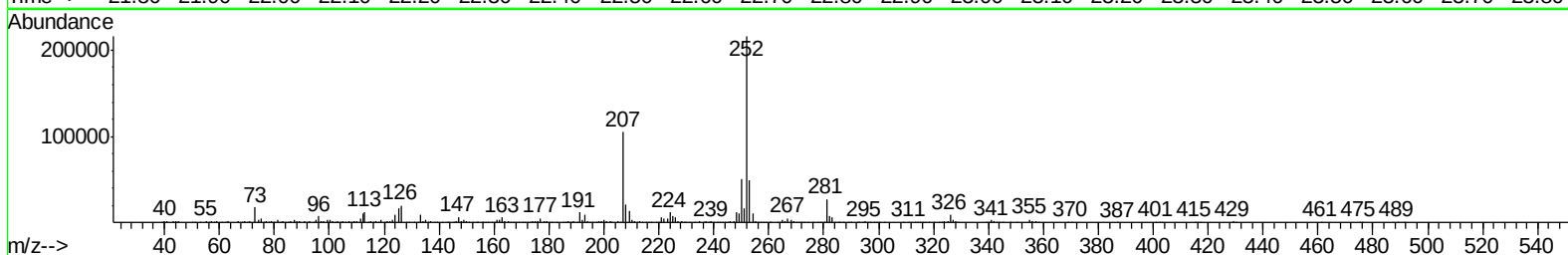
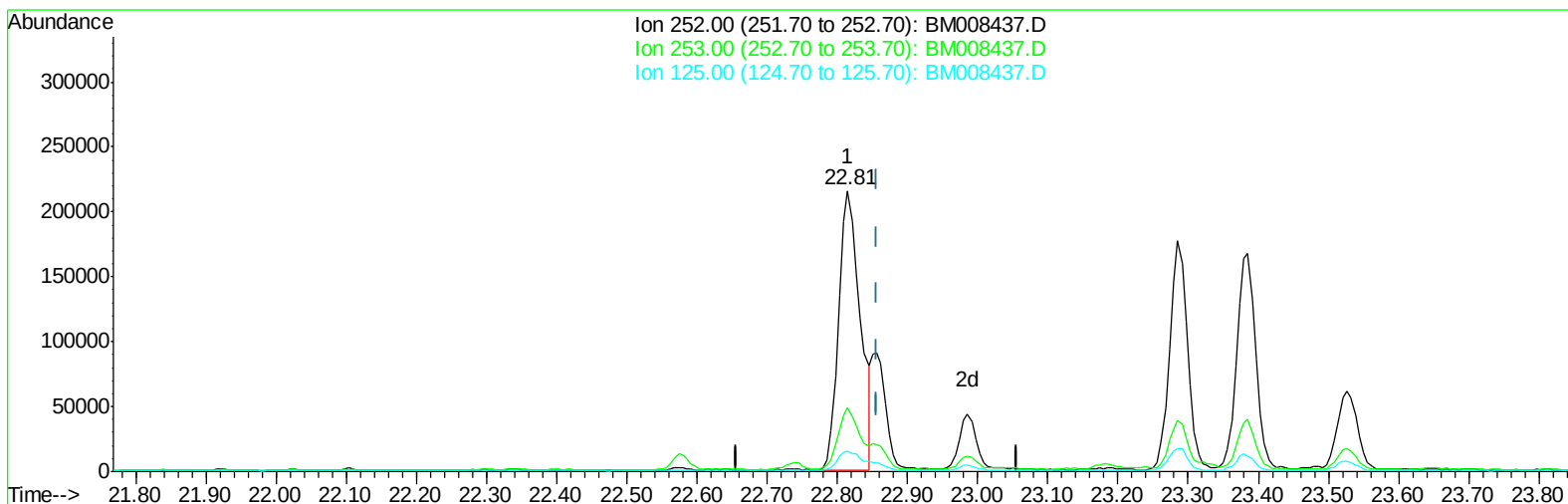
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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: BM008437.D

(86) Benzo(k)fluoranthene

22.815min (-0.041) 10.24ng/ul

response 452938

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.77
125.00	7.20	7.51
0.00	0.00	0.00

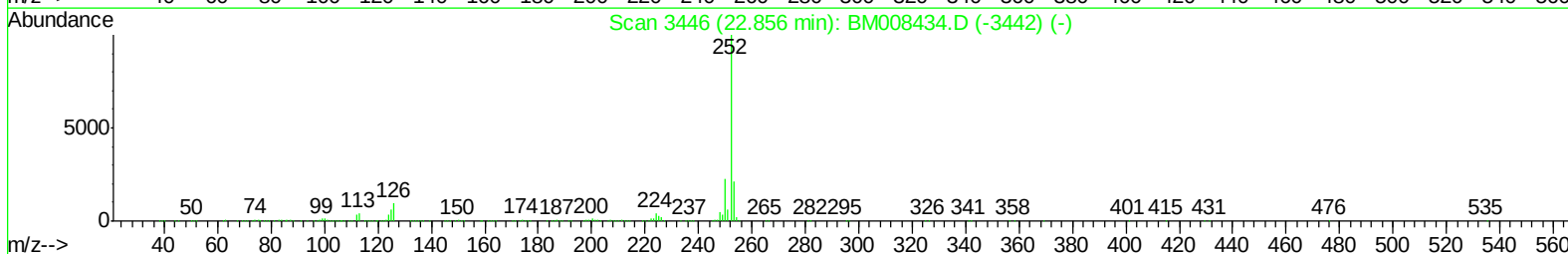
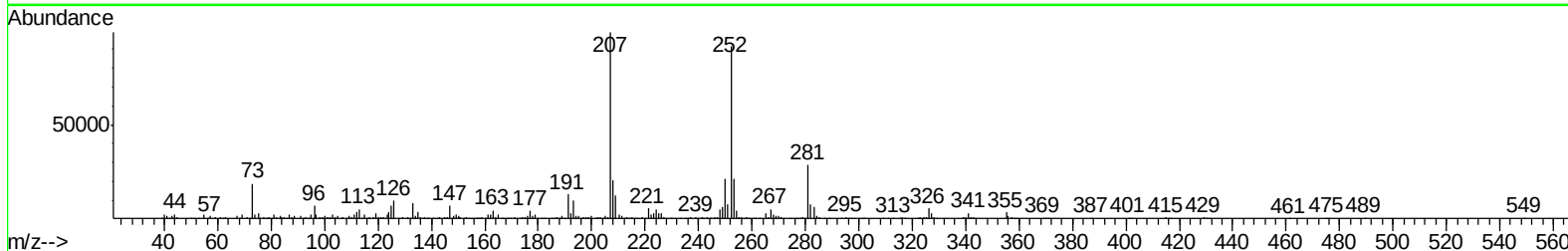
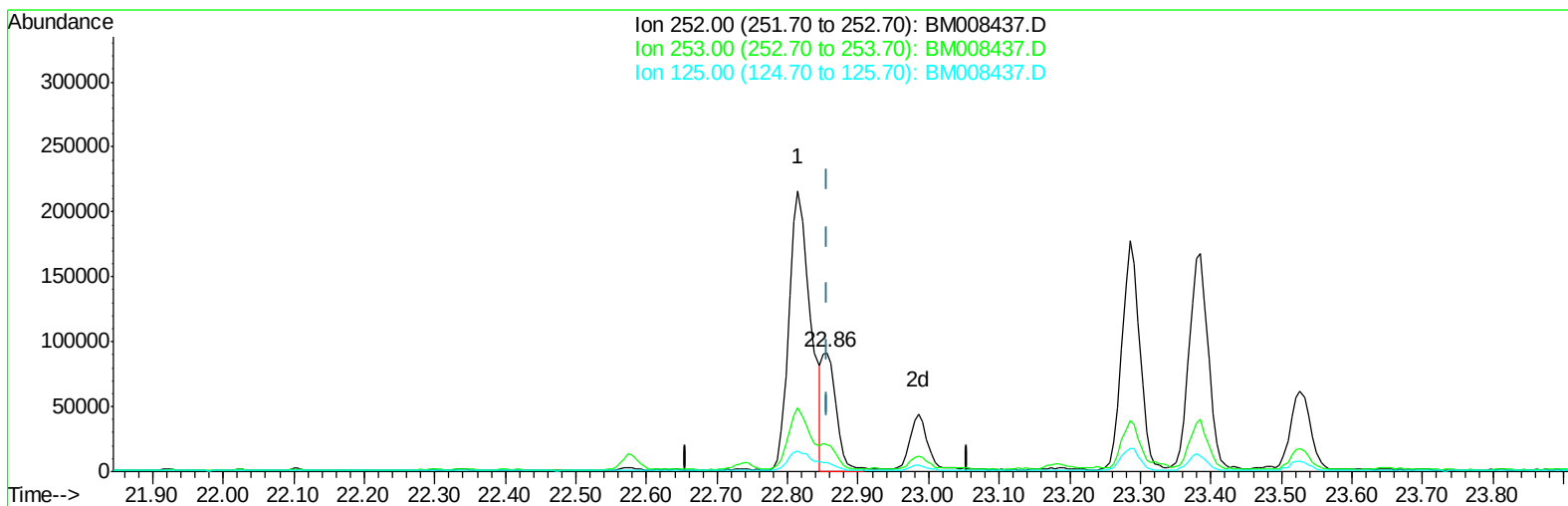
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Quant Time: Dec 19 01:25:43 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
APPROVED

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TIC: BM008437.D

(86) Benzo(k)fluoranthene

22.856min (-0.000) 3.00ng/ul m

response 132710

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.01
125.00	7.20	8.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
 Data File : BM008437.D
 Acq On : 18 Dec 2016 14:35
 Operator : UM/SJ
 Sample : H6067-10DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DA7G1DL

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:53:27 AM

Quant Time: Dec 19 02:17:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
 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	122399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	485952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	323152	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	643454	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	811080	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	856274	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	2773	1.07	ng/uL	0.01
5) Phenol-d5	6.87	99	40111	4.22	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.02	67	27489	5.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.21	132	35409	4.96	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	28600	3.89	ng/ul	0.03
19) Nitrobenzene-d5	8.84	128	18382m	5.23	ng/ul	0.02
22) 2-Nitrophenol-d4	9.56	143	19691m	5.06	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.13	165	34546m	4.84	ng/ul	0.06
29) 4-Chloroaniline-d4	10.65	131	23587m	2.89	ng/ul	0.06
43) Dimethylphthalate-d6	13.73	166	132259	6.16	ng/ul	0.01
46) Acenaphthylene-d8	13.99	160	157506	6.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2416m	0.76	ng/ul	0.15
57) Fluorene-d10	15.31	176	114511	6.13	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	7721	2.02	ng/ul	0.04
70) Anthracene-d10	17.16	188	176943	6.31	ng/ul	0.00
76) Pyrene-d10	19.46	212	213502	6.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	224634	6.25	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.90	94	9980	1.01	ng/ul#	83
44) Dimethylphthalate	13.77	163	34460	1.64	ng/ul	96
47) Acenaphthylene	14.03	152	33935	1.31	ng/ul	99
71) Anthracene	17.20	178	42665	1.27	ng/ul	96
77) Pyrene	19.49	202	49136	1.23	ng/ul	98
80) Benzo(a)anthracene	21.24	228	76985m	1.84	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.16	149	692184	33.09	ng/ul	99
82) Chrysene	21.29	228	157802	3.91	ng/ul	95
85) Benzo(b)fluoranthene	22.81	252	452938	9.80	ng/ul	97
86) Benzo(k)fluoranthene	22.86	252	132710m	3.00	ng/ul	
88) Benzo(a)pyrene	23.39	252	311485	6.99	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	324926	6.01	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	86750	1.91	ng/ul	92
91) Benzo(g,h,i)perylene	26.40	276	293535	6.49	ng/ul	100

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

