

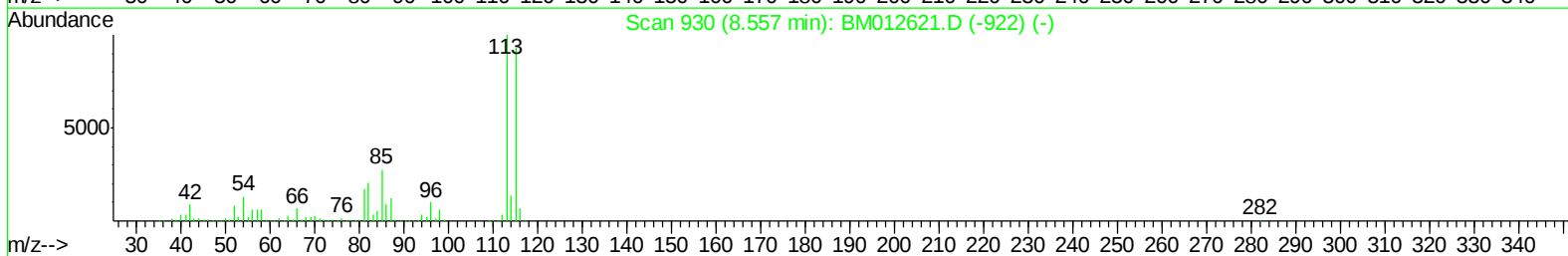
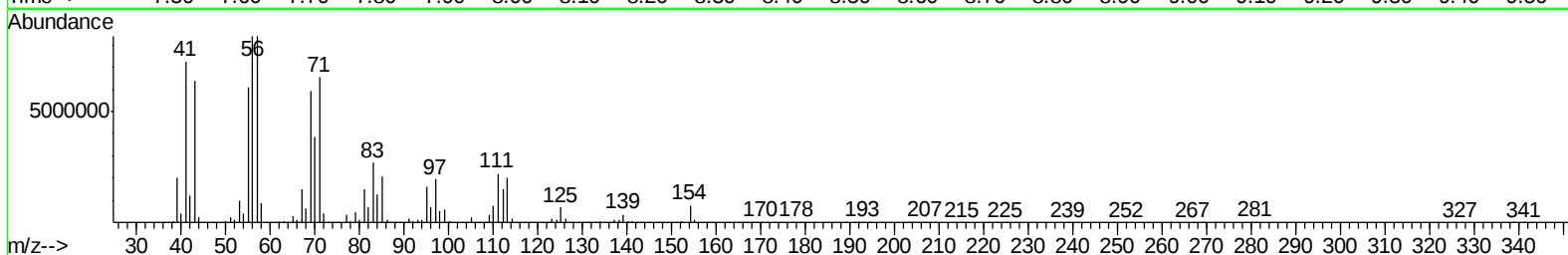
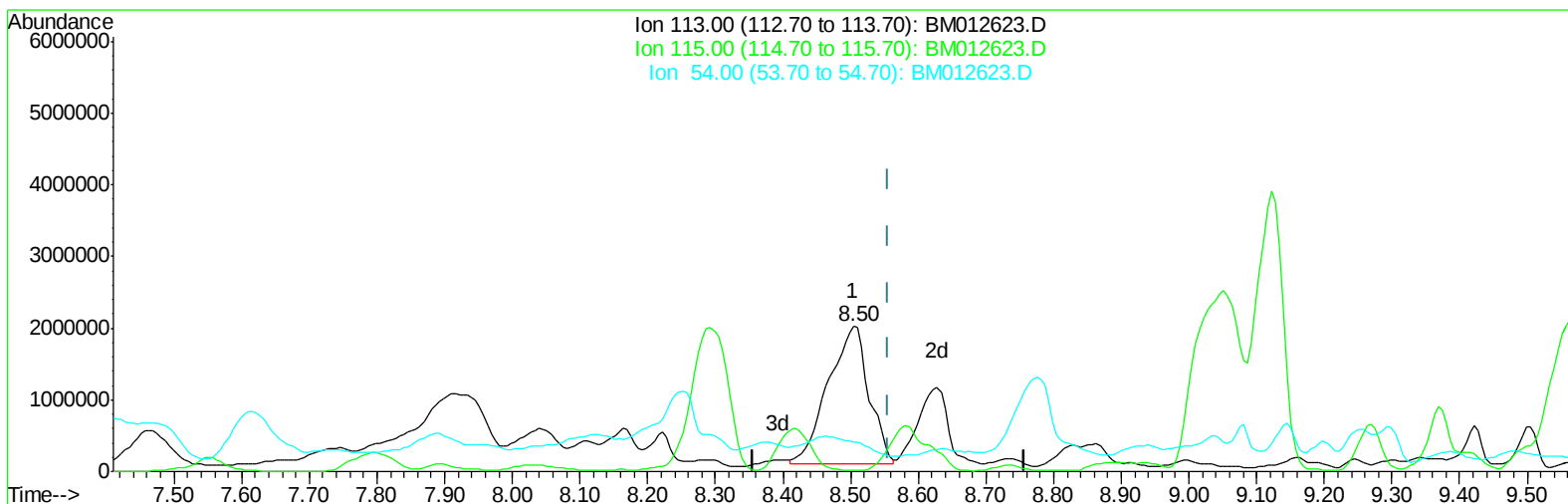
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 06:45:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(13) 4-Methylphenol-d8 (S)

8.504min (-0.053) 270.27ng/ul

response 8079572

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	1.02#
54.00	18.90	20.16
0.00	0.00	0.00

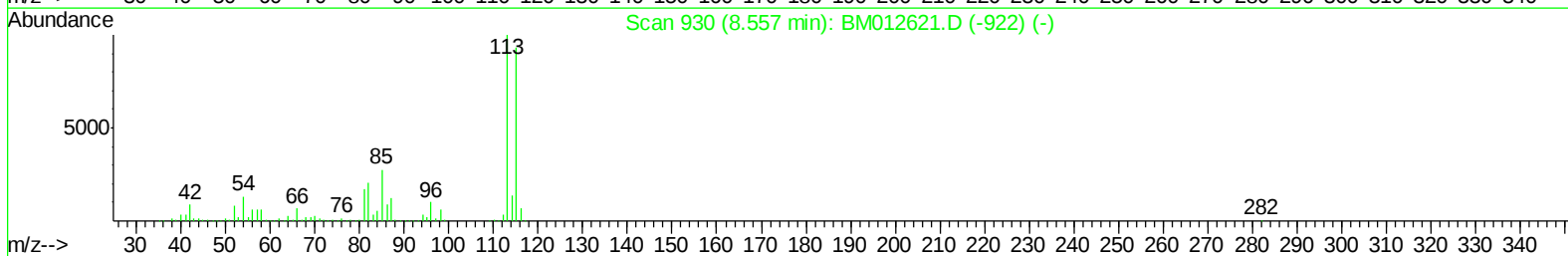
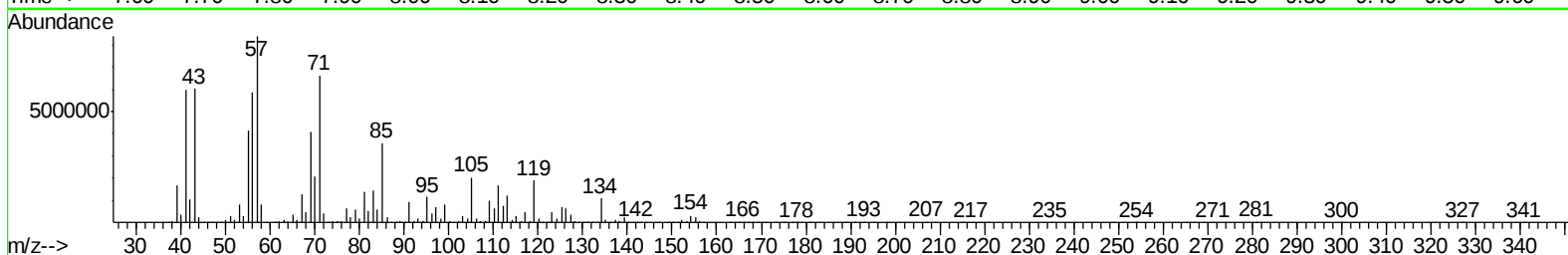
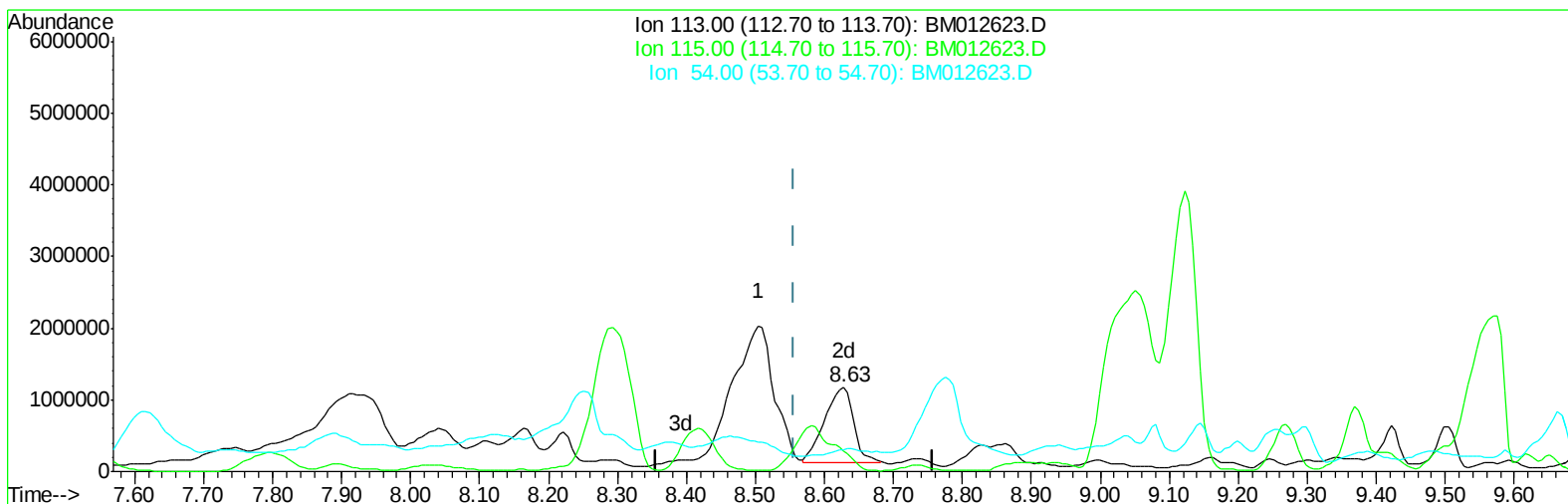
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 06:45:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(13) 4-Methylphenol-d8 (S)
8.628min (+0.071) 104.51ng/ul m
response 3124265

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	24.59#
54.00	18.90	26.04#
0.00	0.00	0.00

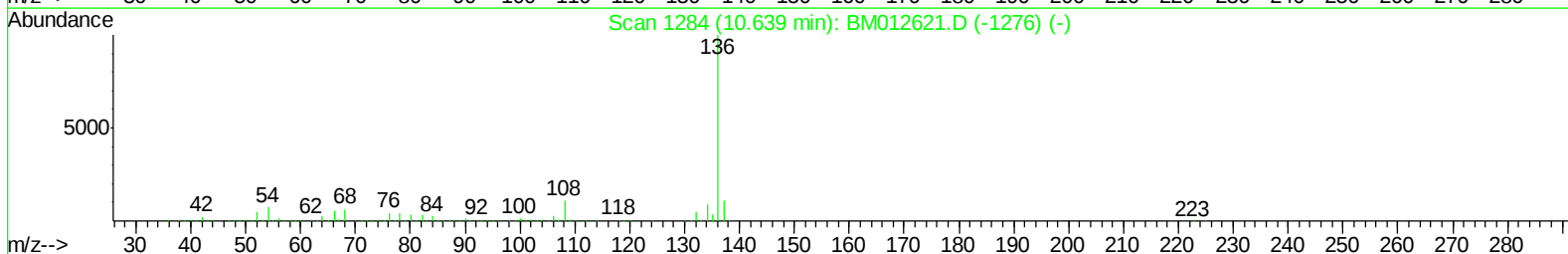
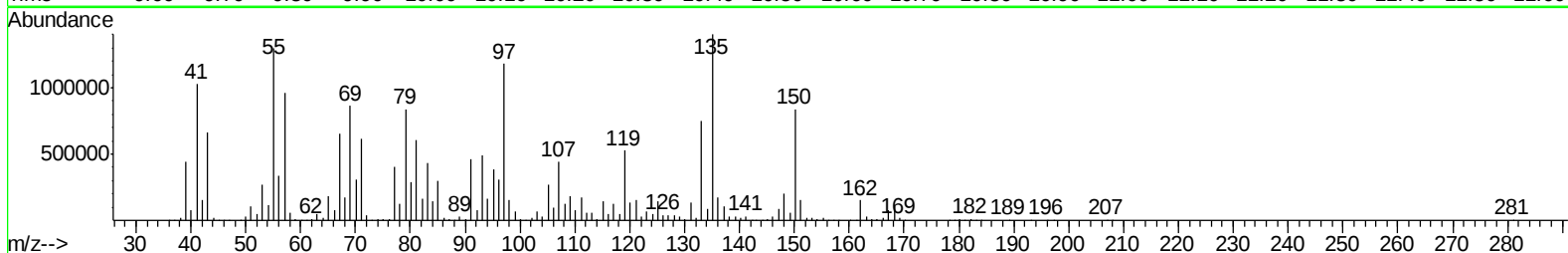
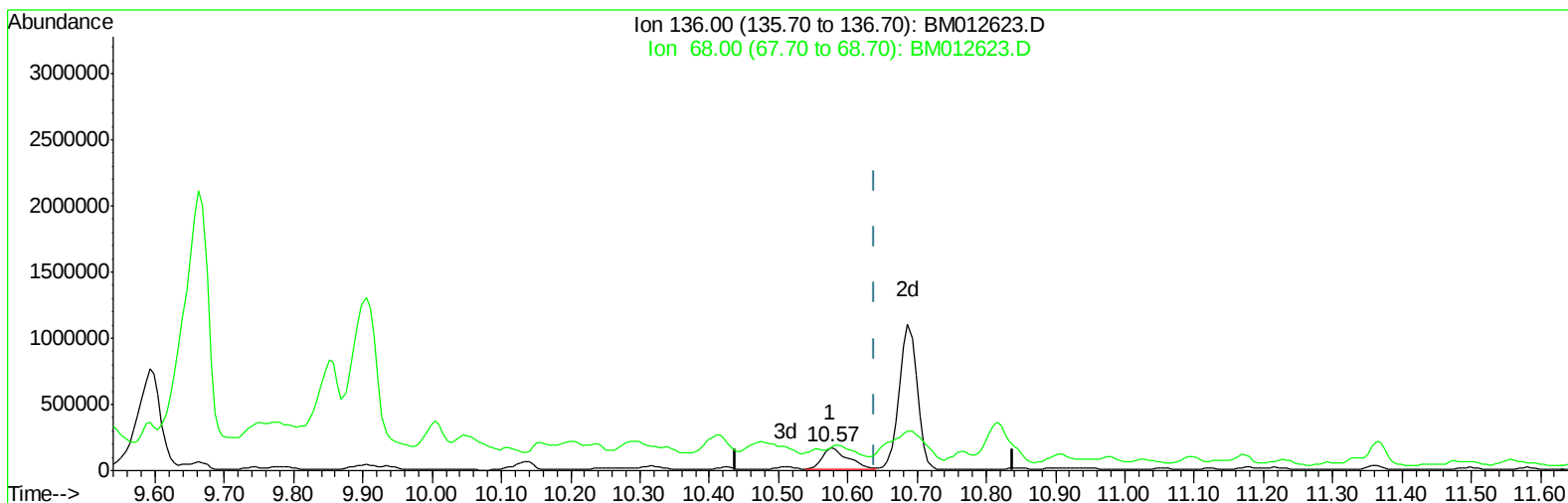
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 06:58:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(18) Naphthalene-d8 (I)

10.575min (-0.065) 20.00ng/ul

response 421085

Ion	Exp%	Act%
136.00	100	100
68.00	4.70	98.97#
0.00	0.00	0.00
0.00	0.00	0.00

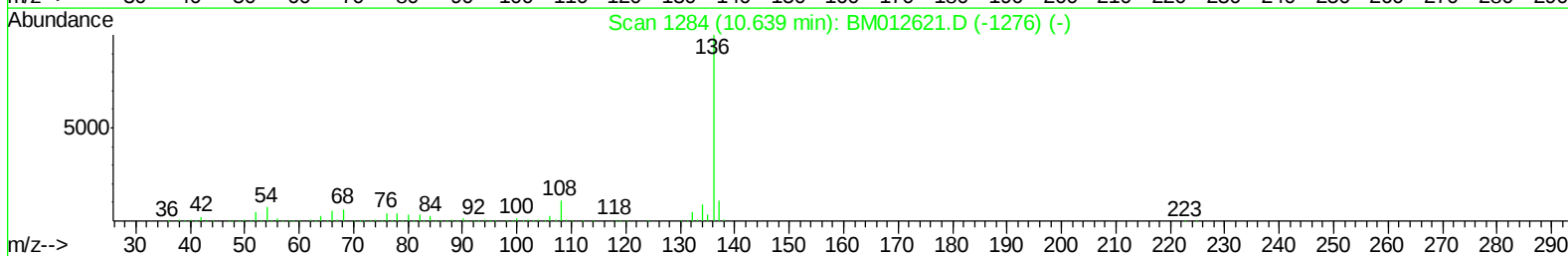
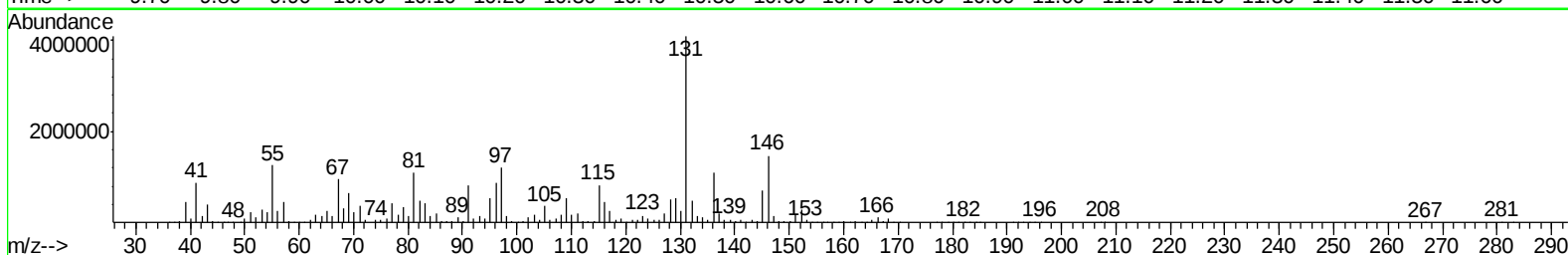
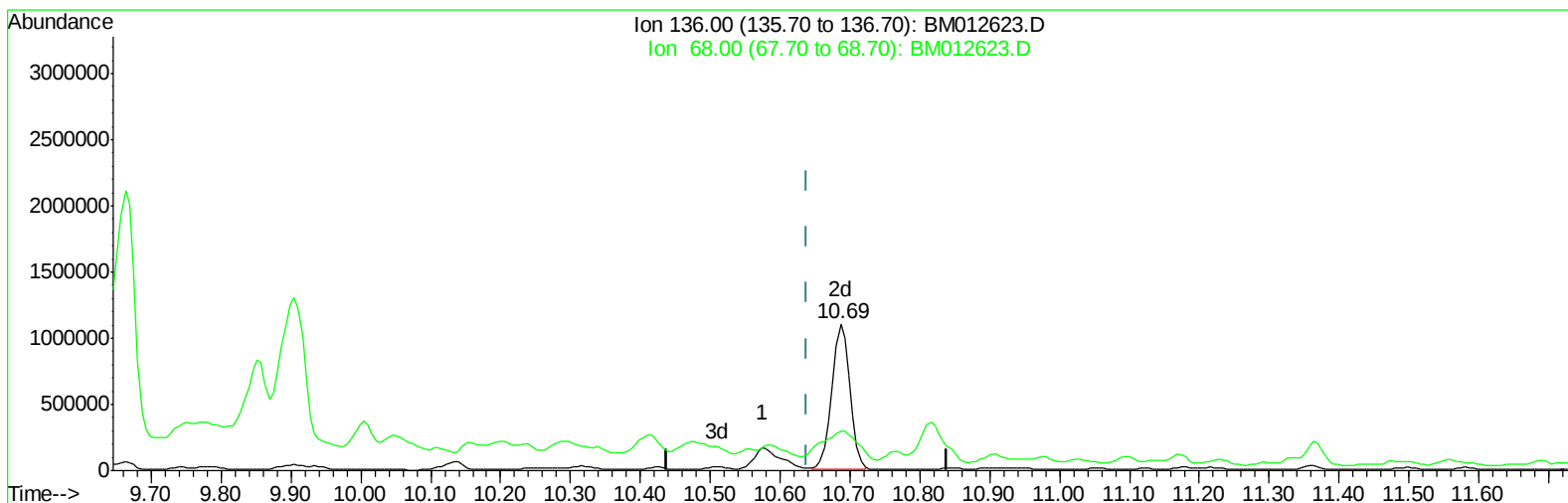
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 06:58:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(18) Naphthalene-d8 (I)

10.686min (+0.047) 20.00ng/ul m

response 1958904

Ion	Exp%	Act%
136.00	100	100
68.00	4.70	27.34#
0.00	0.00	0.00
0.00	0.00	0.00

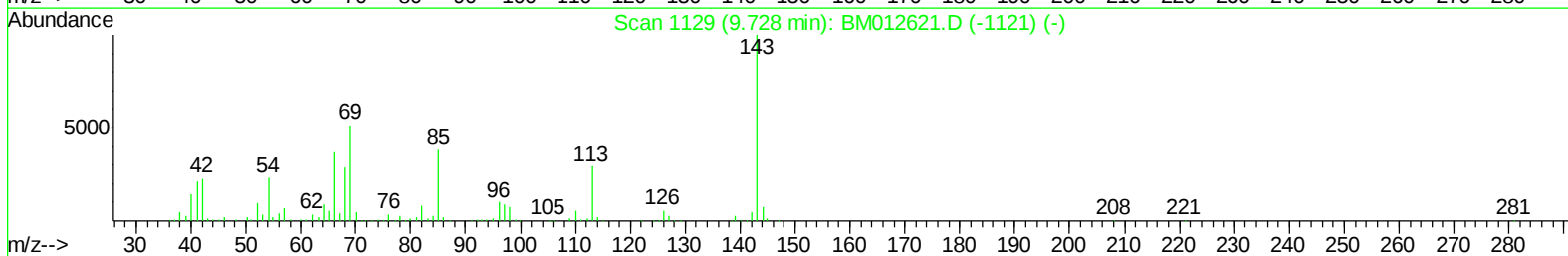
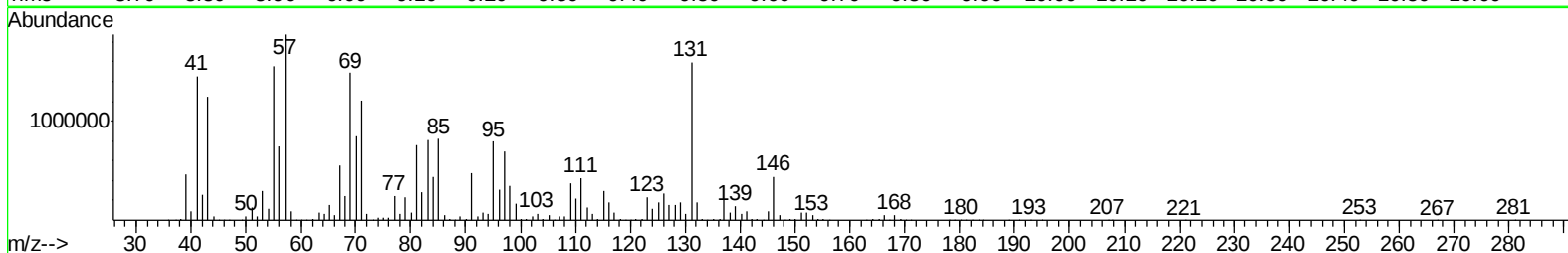
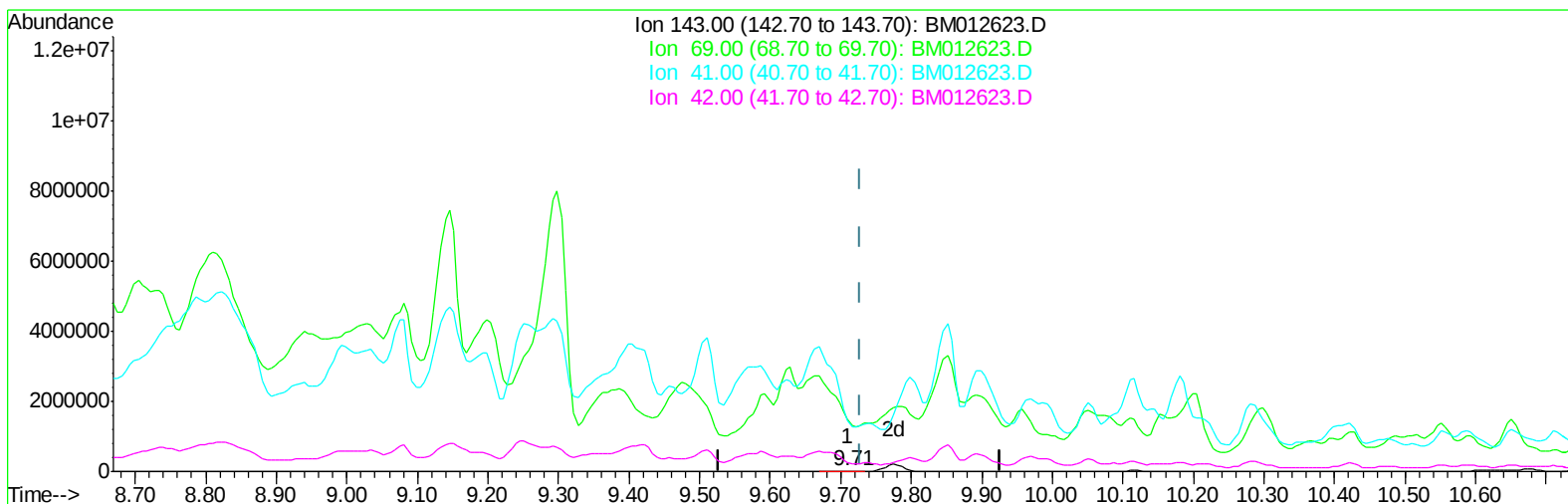
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 06:59:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(22) 2-Nitrophenol-d4 (S)
9.710min (-0.018) 1.18ng/ul

response 14879

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	17004.17#
41.00	23.80	16611.58#
42.00	24.30	2988.33#

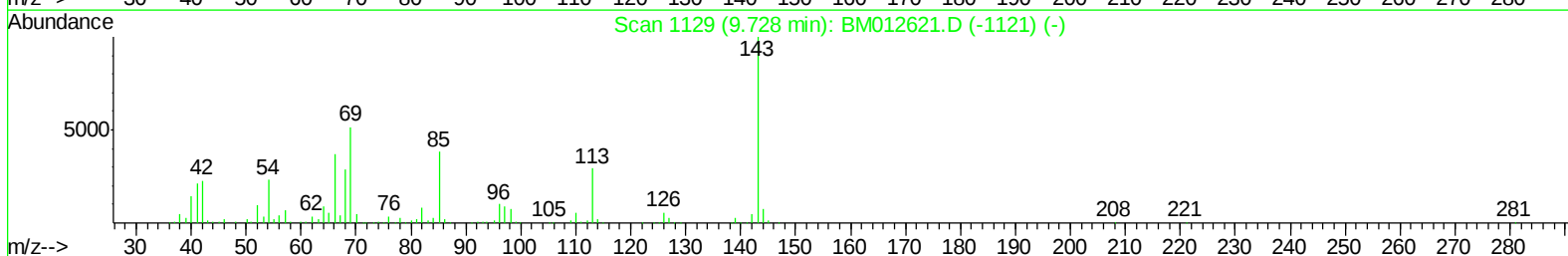
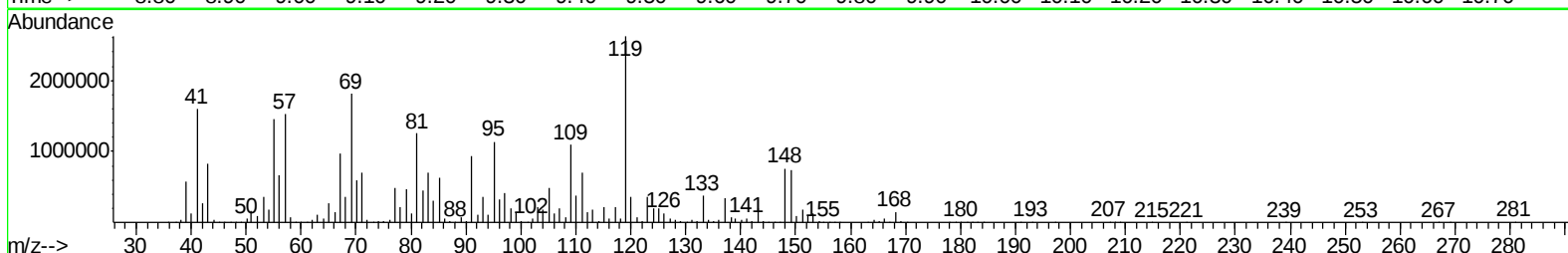
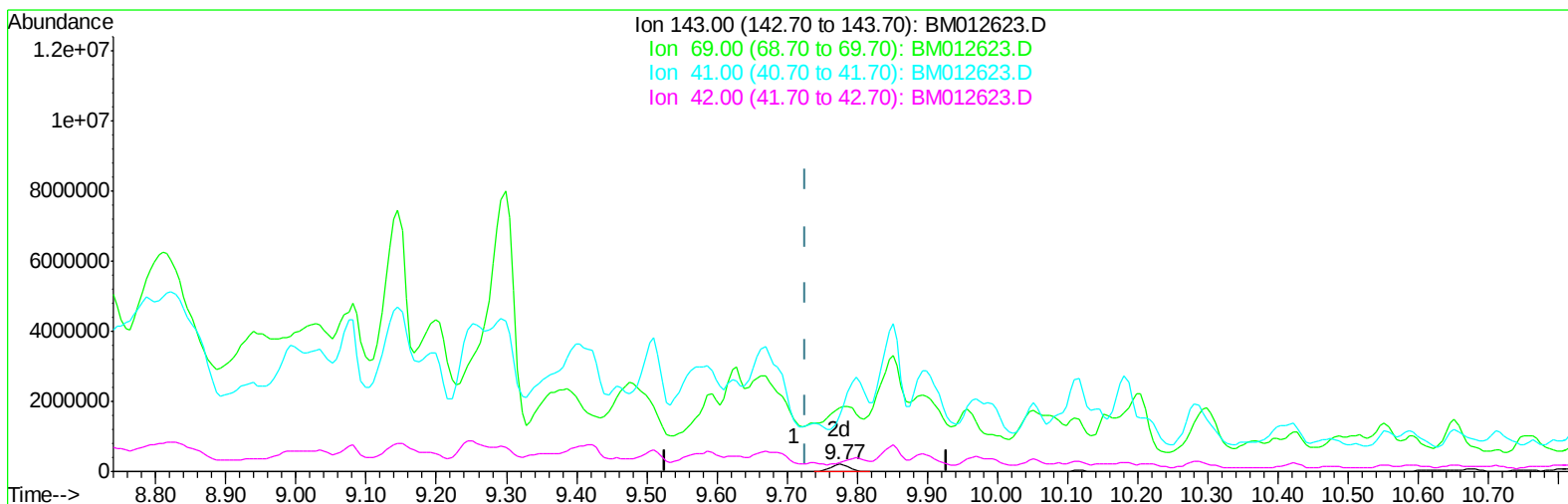
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 06:59:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(22) 2-Nitrophenol-d4 (S)

9.775min (+0.047) 29.41ng/ul m

response 371680

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	895.35#
41.00	23.80	785.84#
42.00	24.30	130.22#

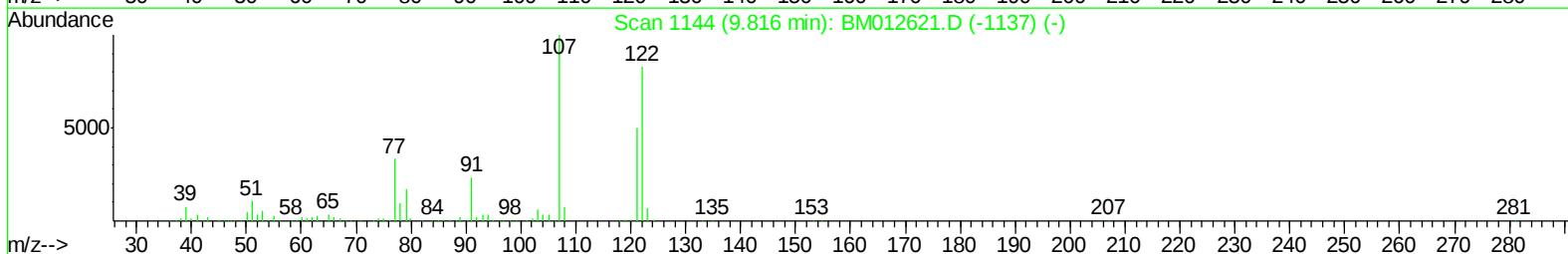
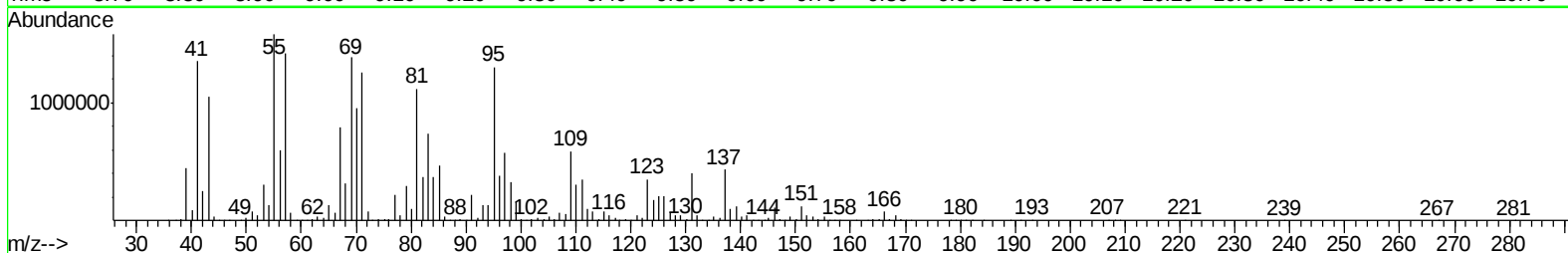
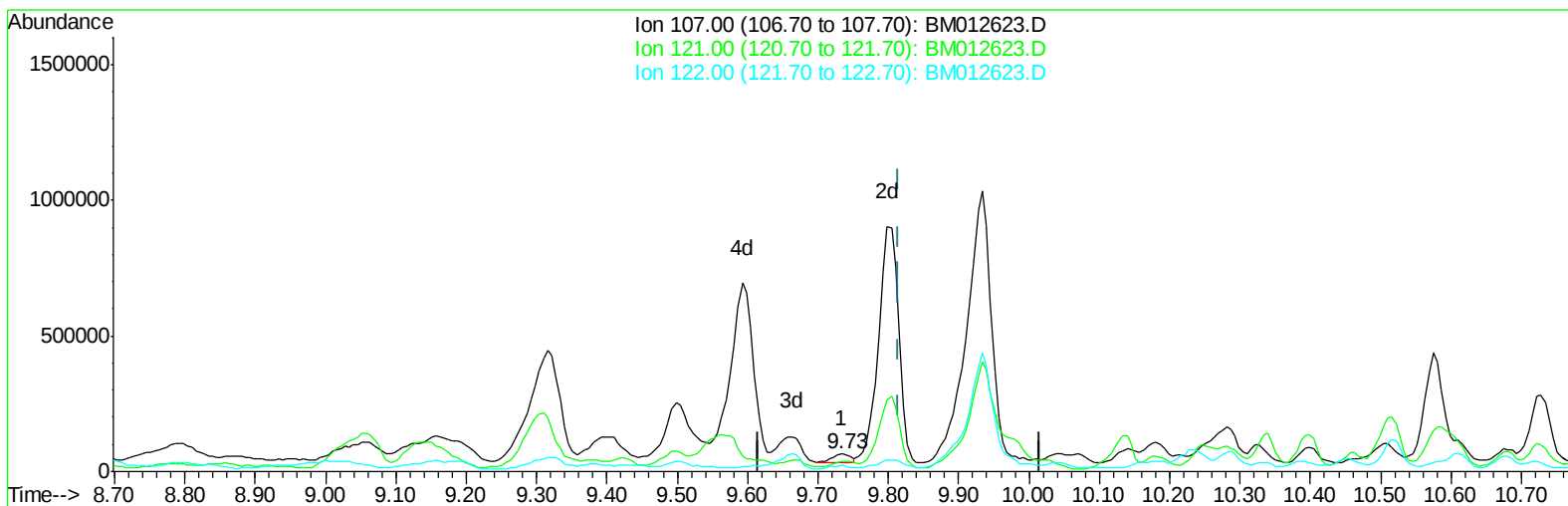
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:00:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(24) 2,4-Dimethylphenol

9.734min (-0.082) 1.40ng/ul

response 55404

Ion	Exp%	Act%
107.00	100	100
121.00	39.90	61.47#
122.00	72.20	34.90#
0.00	0.00	0.00

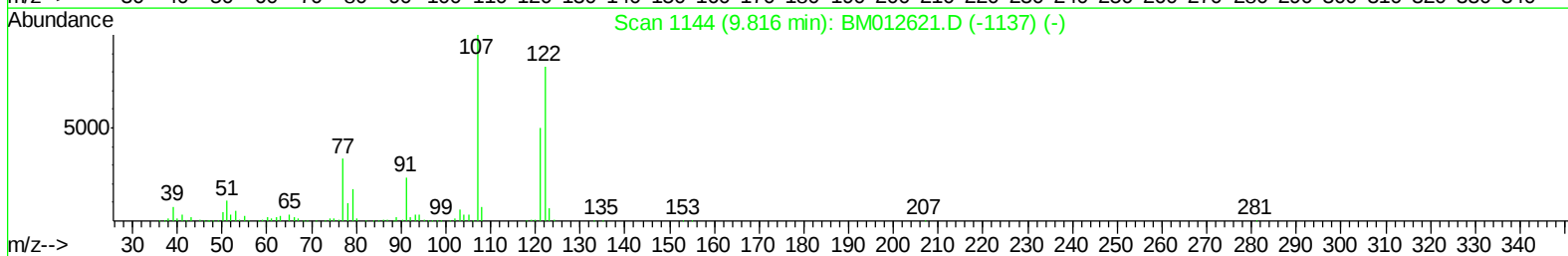
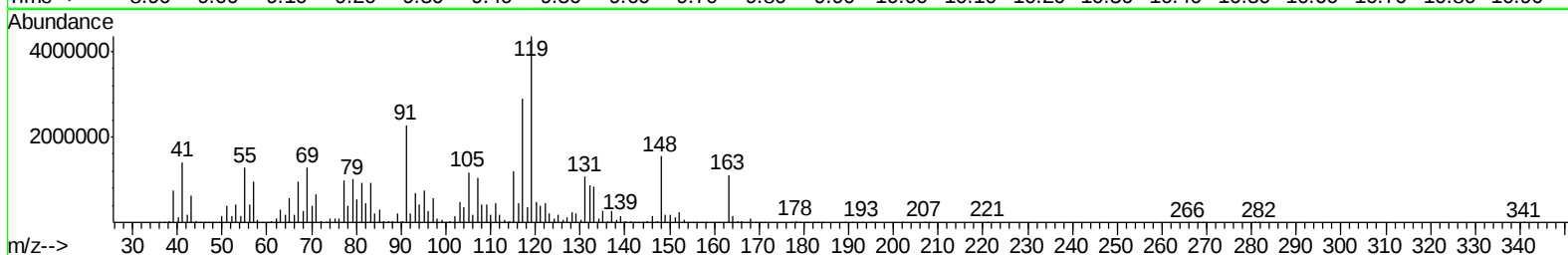
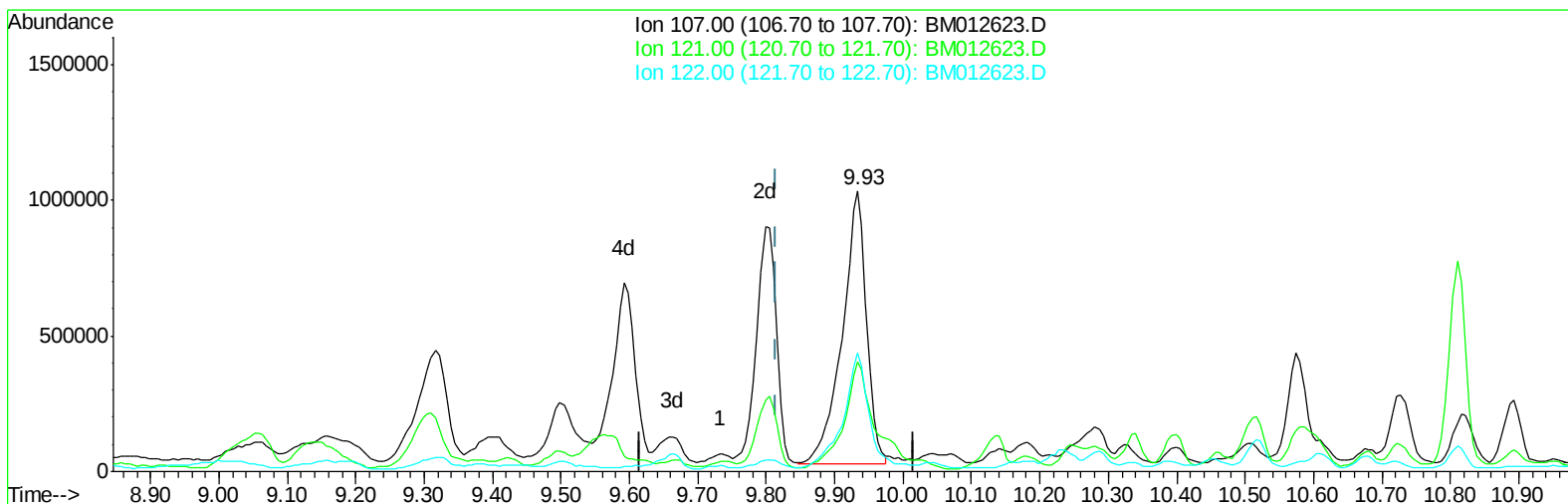
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:00:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(24) 2,4-Dimethylphenol

9.934min (+0.118) 62.67ng/ul m

response 2476245

Ion	Exp%	Act%
107.00	100	100
121.00	39.90	39.10
122.00	72.20	42.35#
0.00	0.00	0.00

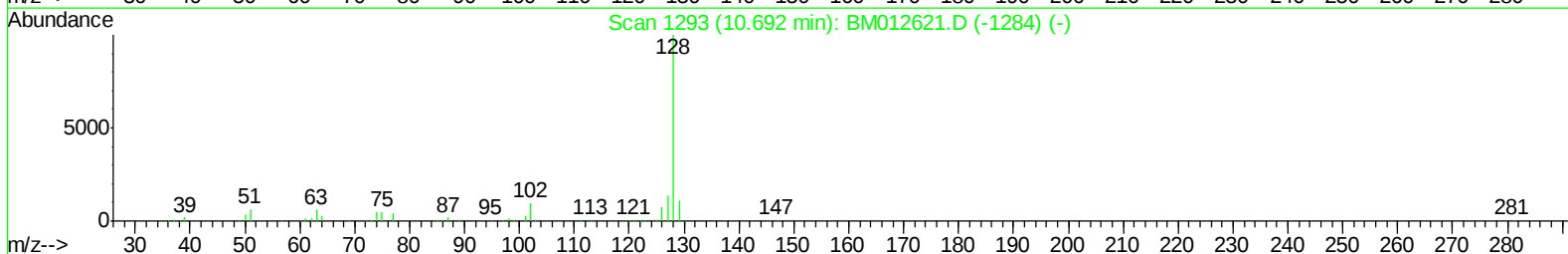
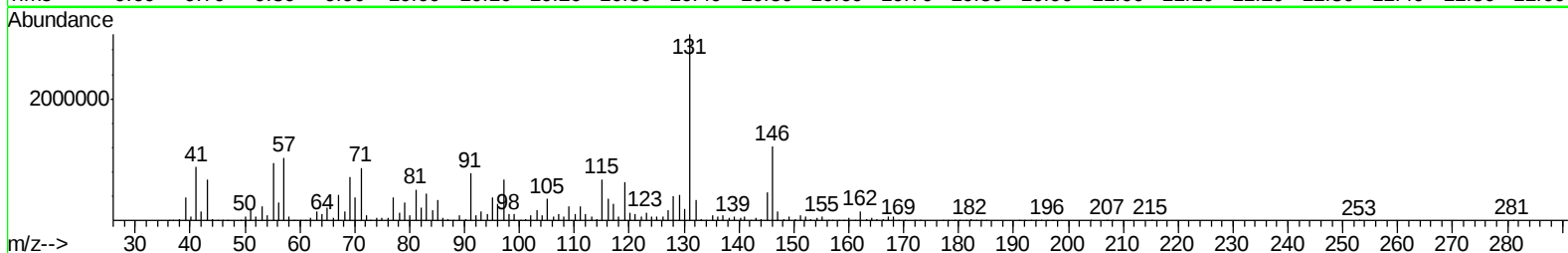
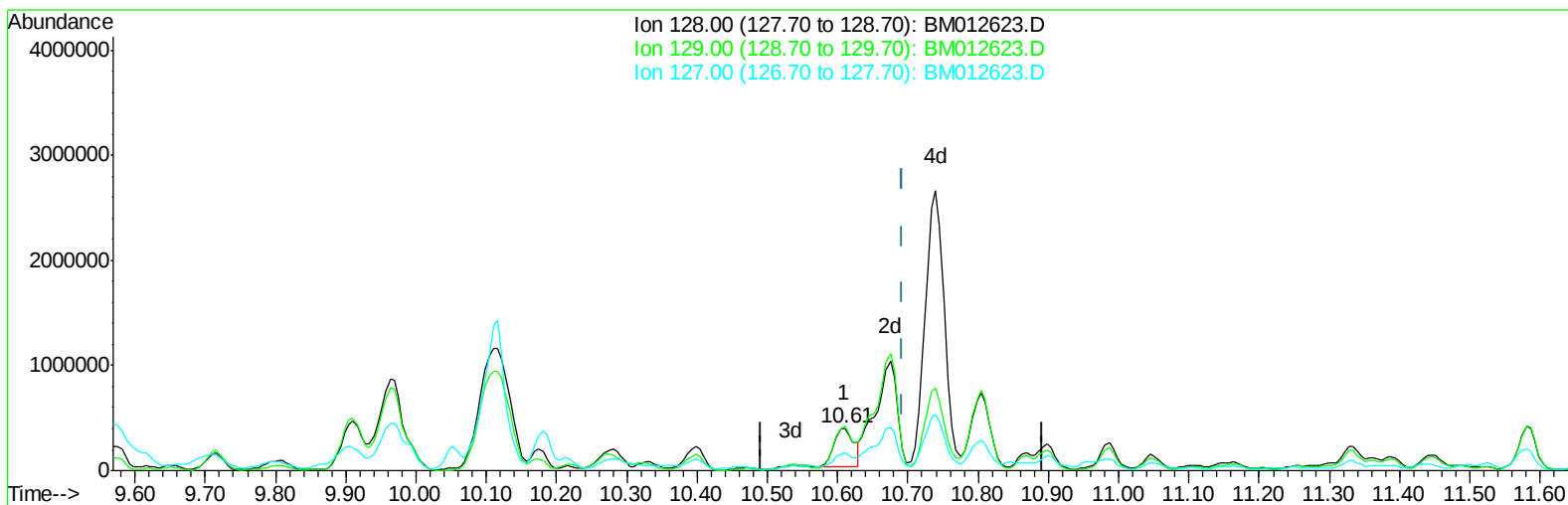
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:00:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(28) Naphthalene

10.610min (-0.082) 7.44ng/ul

response 722434

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	104.03#
127.00	13.30	41.79#
0.00	0.00	0.00

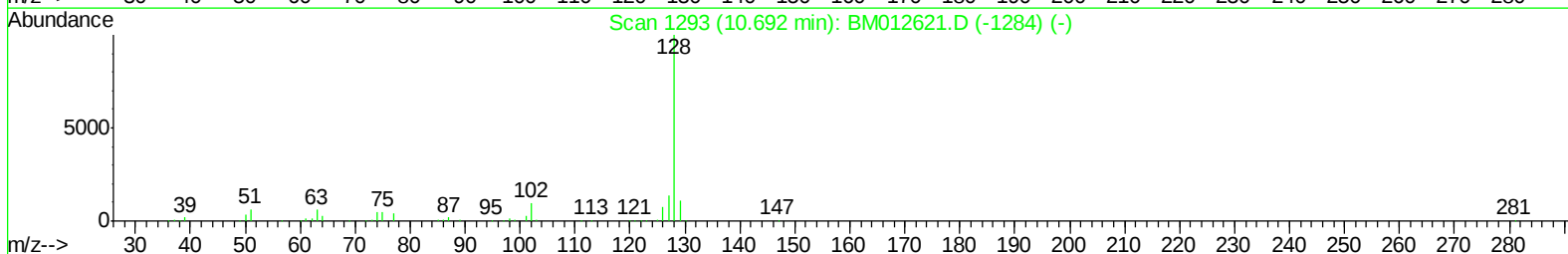
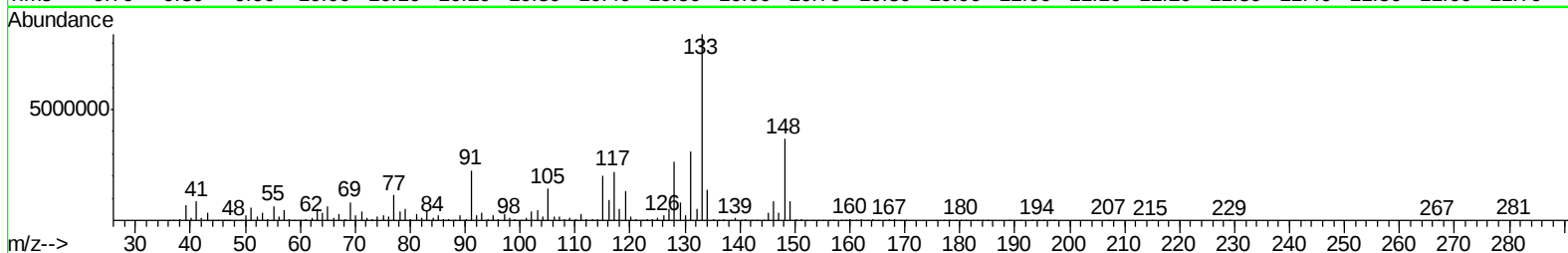
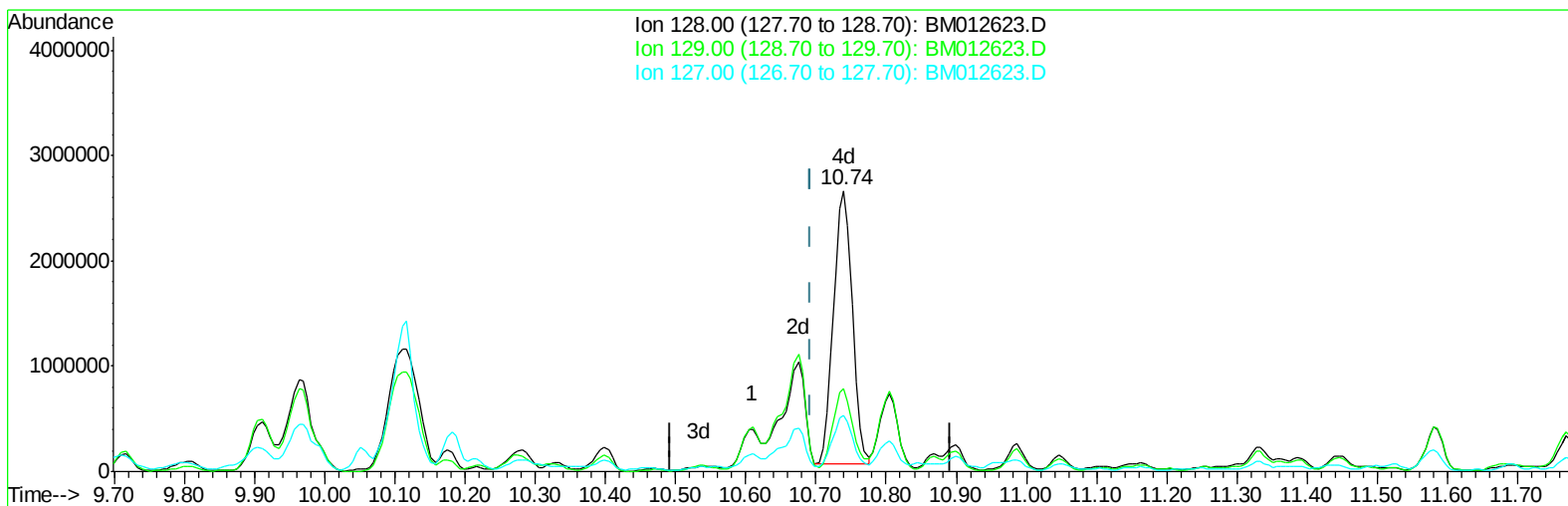
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:00:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(28) Naphthalene

10.739min (+0.047) 49.53ng/ul m

response 4810497

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	29.49#
127.00	13.30	19.98#
0.00	0.00	0.00

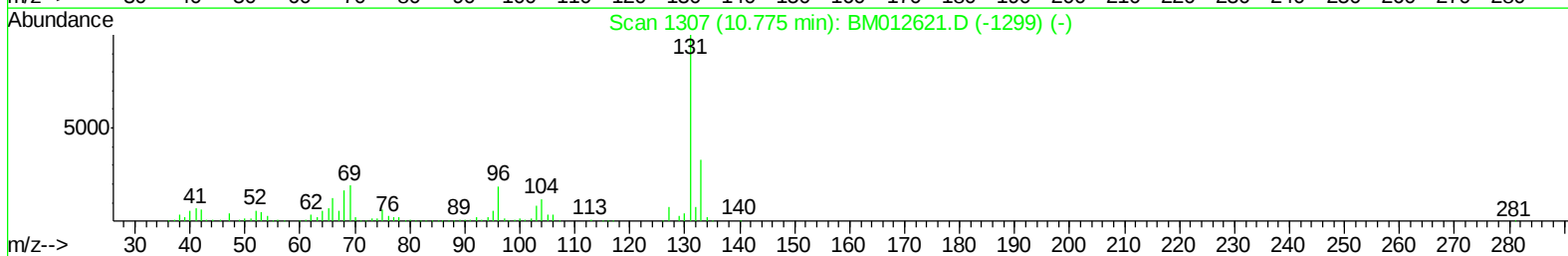
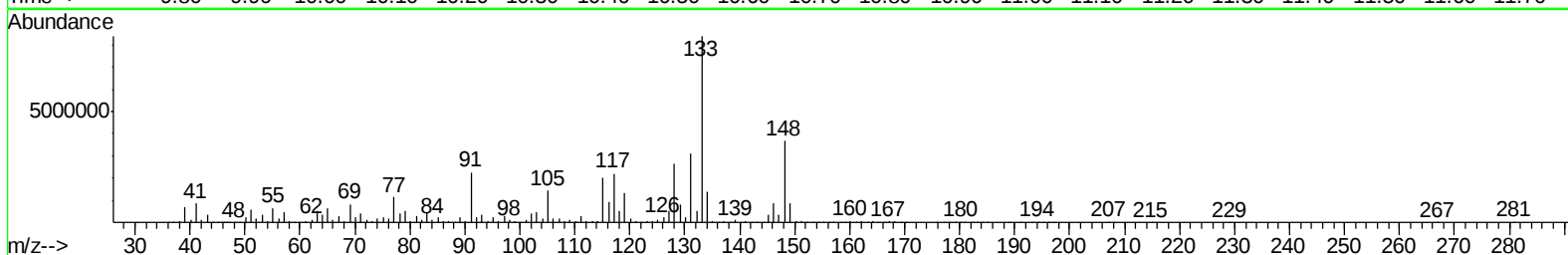
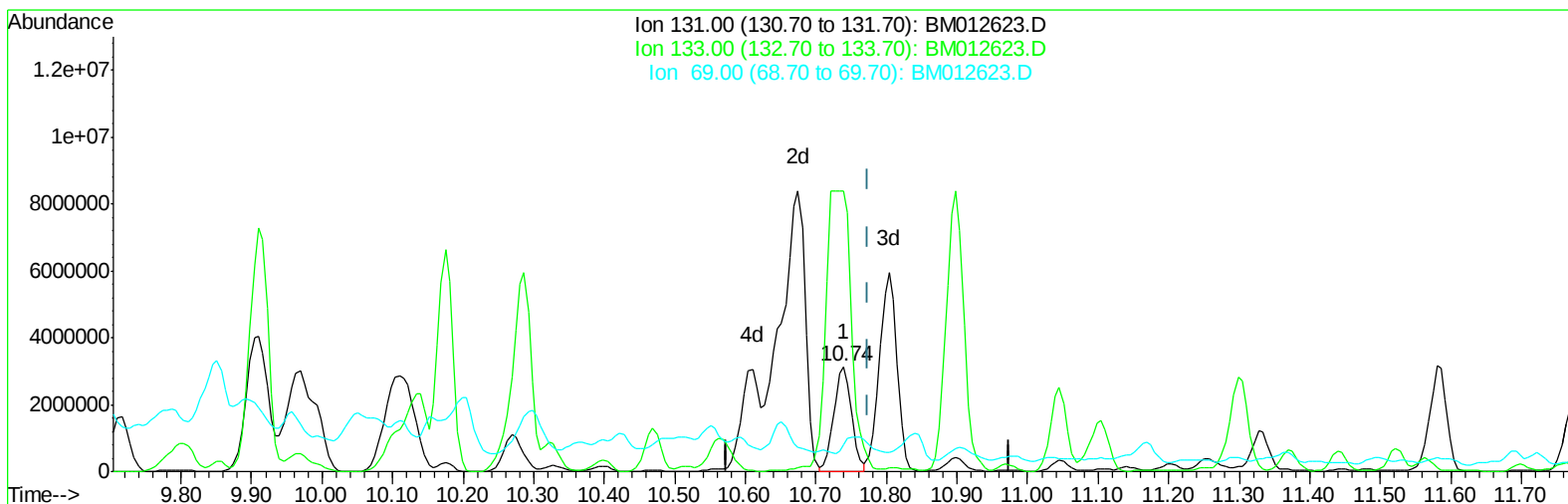
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:00:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(29) 4-Chloroaniline-d4 (S)

10.739min (-0.035) 153.83ng/ul

response 5430653

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	267.83#
69.00	24.30	25.74
0.00	0.00	0.00

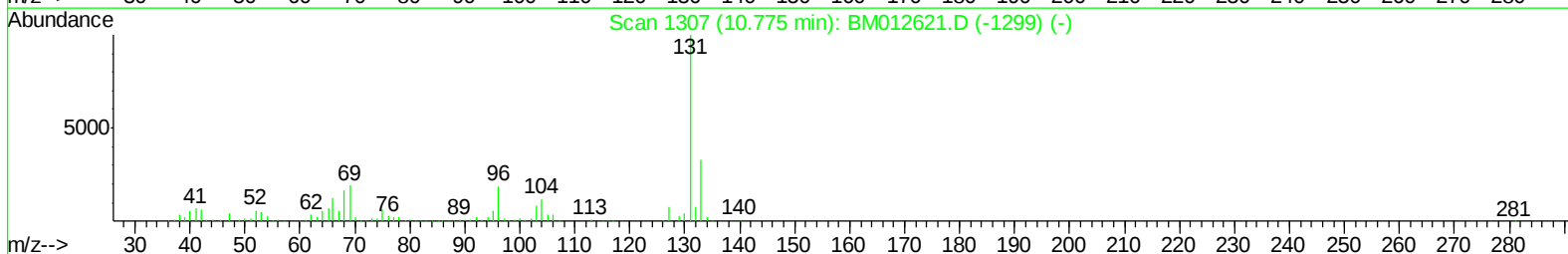
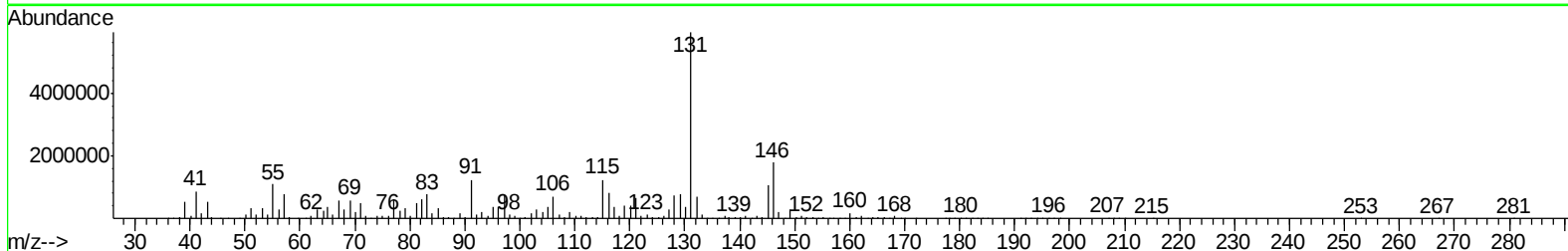
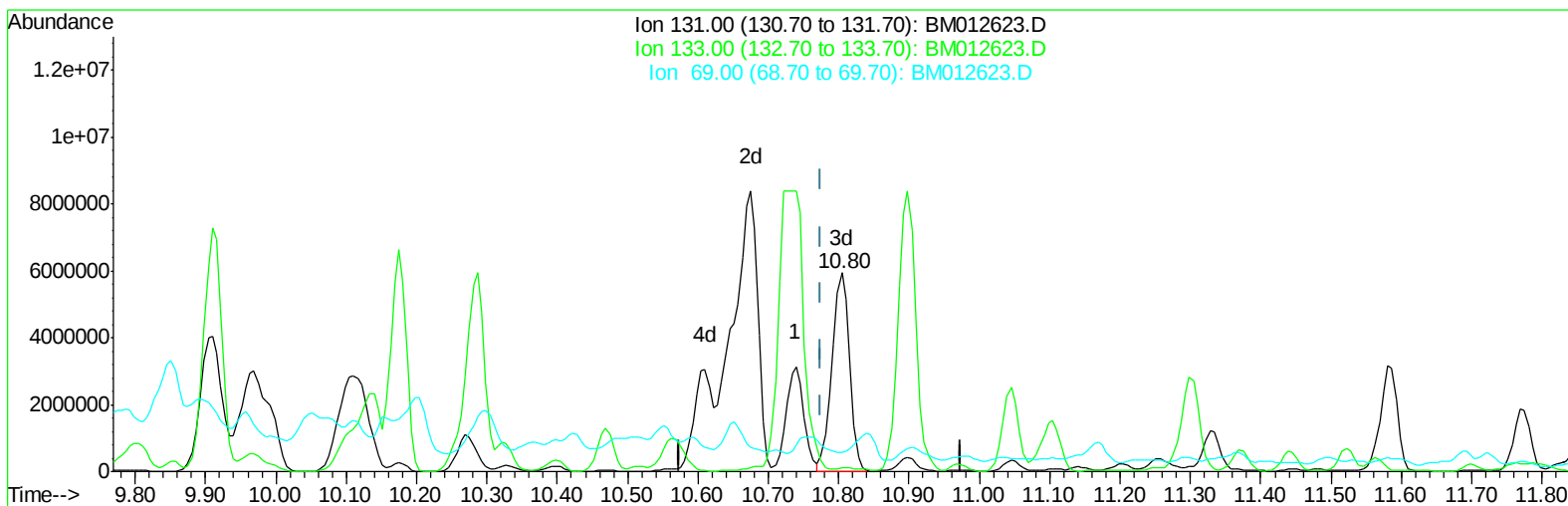
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:00:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



TIC: BM012623.D

(29) 4-Chloroaniline-d4 (S)

10.804min (+0.029) 291.55ng/ul m

response 10292586

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	1.97#
69.00	24.30	9.75#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012623.D
 Acq On : 01 Nov 2017 03:44
 Operator : SJ/JU
 Sample : I5719-04RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Manual Integrations
 APPROVED

Sohil
 11/1/2017 4:58:25 PM

Quant Time: Nov 01 07:04:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 01 06:39:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	418706	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.69	136	1958904m	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.49	164	1189881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	2322565	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1965006	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2091539	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	35347	4.31	ng/uL	0.00
5) Phenol-d5	7.03	99	687436	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	5336516	257.00	ng/ul	0.04
9) 2-Chlorophenol-d4	7.41	132	589546	22.50	ng/ul	0.02
13) 4-Methylphenol-d8	8.63	113	3124265m	104.51	ng/ul	0.07
19) Nitrobenzene-d5	9.05	128	1395401	113.74	ng/ul	0.04
22) 2-Nitrophenol-d4	9.77	143	371680m	29.41	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.31	165	658790	19.68	ng/ul	0.05
29) 4-Chloroaniline-d4	10.80	131	10292586m	291.55	ng/ul	0.03
43) Dimethylphthalate-d6	13.90	166	2178341	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2695437	21.92	ng/ul	0.01
51) 4-Nitrophenol-d4	14.70	143	168039	10.87	ng/ul	0.01
57) Fluorene-d10	15.48	176	1879141	21.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	89941	8.00	ng/ul	0.01
70) Anthracene-d10	17.33	188	2601744	23.51	ng/ul	0.00
76) Pyrene-d10	19.62	212	2437257	27.04	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.56	264	2298978	23.14	ng/ul	0.01

Target Compounds

						Ovalue
24) 2,4-Dimethylphenol	9.93	107	2476245m	62.67	ng/ul	
28) Naphthalene	10.74	128	4810497m	49.53	ng/ul	
34) 2-Methylnaphthalene	12.32	142	7659154	97.10	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	548440	5.78	ng/ul	98
44) Dimethylphthalate	13.94	163	1107242	10.77	ng/ul#	98
49) Acenaphthene	14.55	153	662557	8.24	ng/ul	95
58) Fluorene	15.53	166	638451	6.35	ng/ul#	81
69) Phenanthrene	17.27	178	3094894	24.64	ng/ul	97
71) Anthracene	17.36	178	320539	2.47	ng/ul#	83
74) Fluoranthene	19.29	202	674154	4.74	ng/ul#	87
77) Pyrene	19.64	202	1337421	11.97	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.32	149	993258	14.83	ng/ul	97
82) Chrysene	21.44	228	618607	5.91	ng/ul#	68
85) Benzo(b)fluoranthene	23.01	252	368543	2.85	ng/ul#	62
88) Benzo(a)pyrene	23.60	252	325101	2.64	ng/ul#	70
91) Benzo(g,h,i)perylene	26.76	276	249498	2.12	ng/ul#	78

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Quant Time: Nov 01 07:04:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/1/2017 4:58:25 PM

