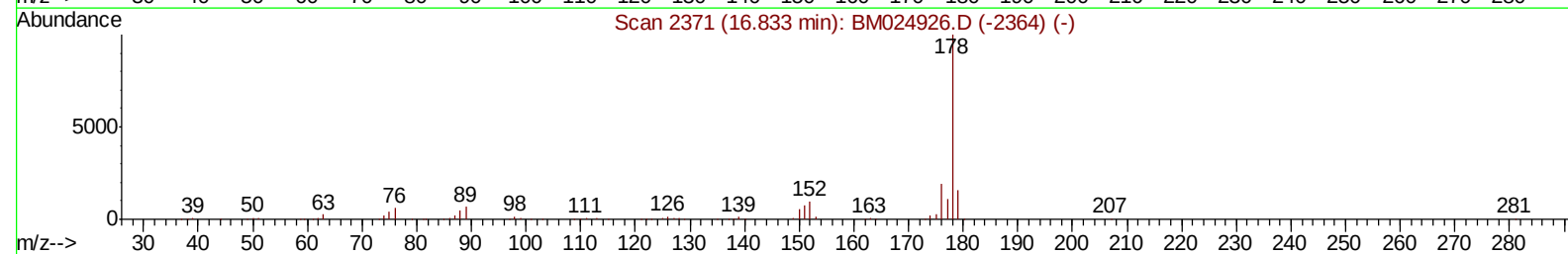
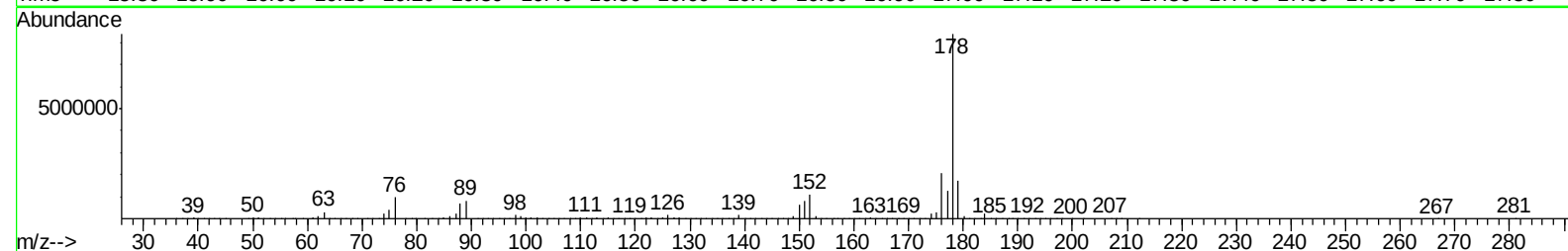
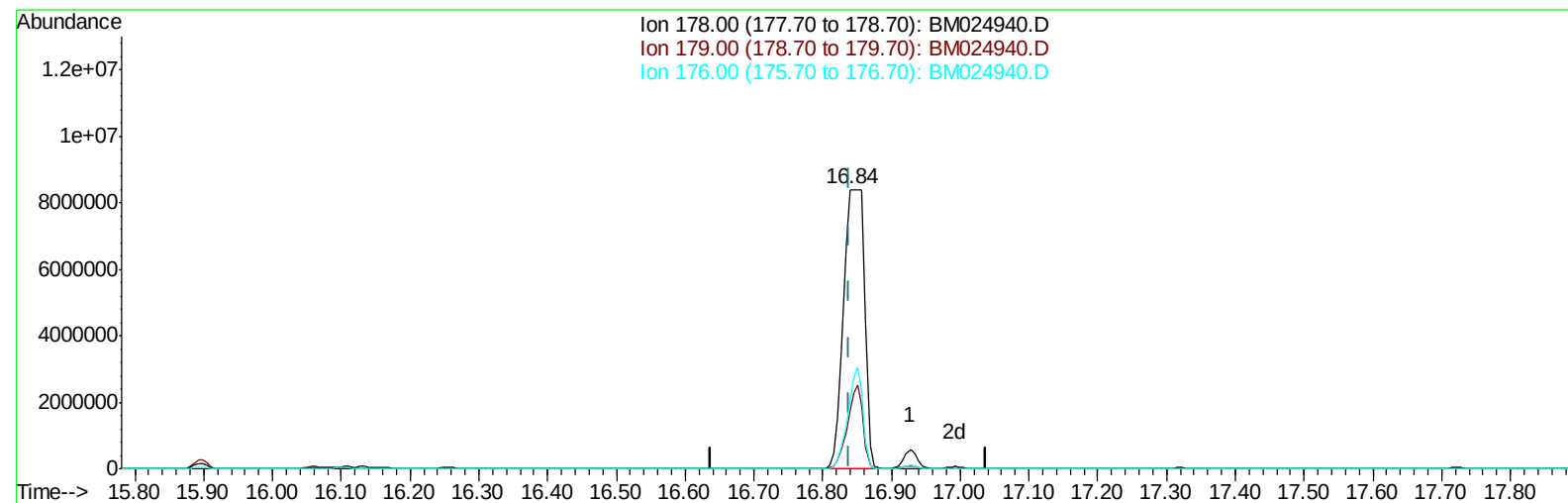


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(70) Phenanthrene

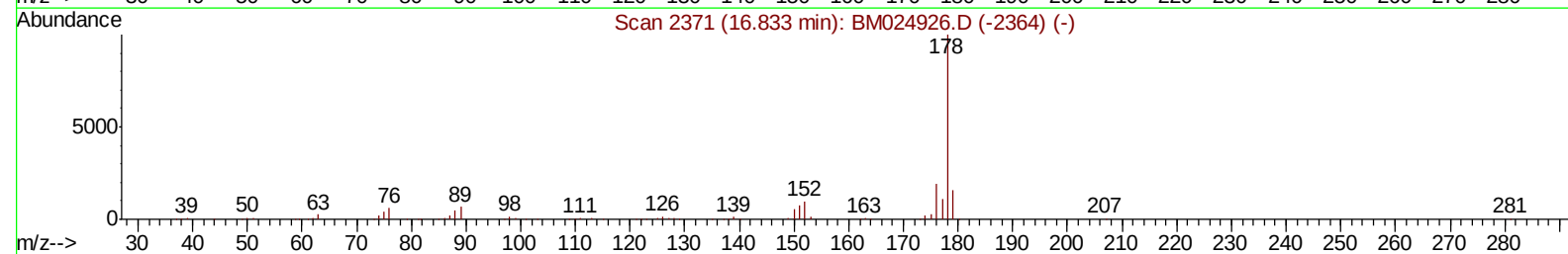
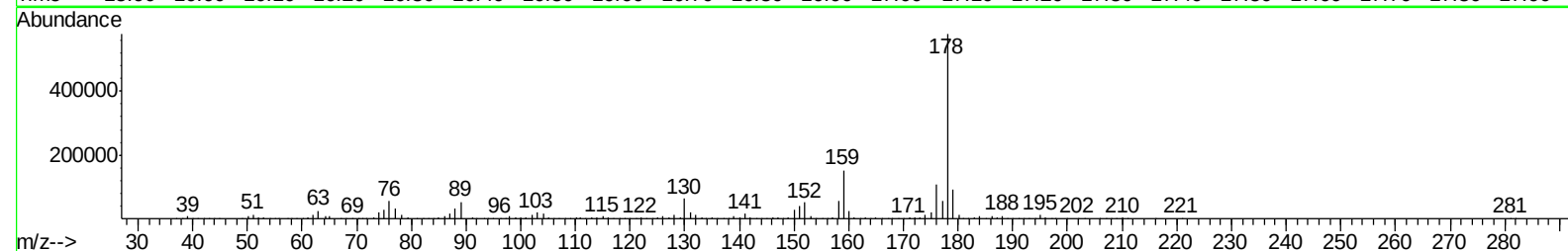
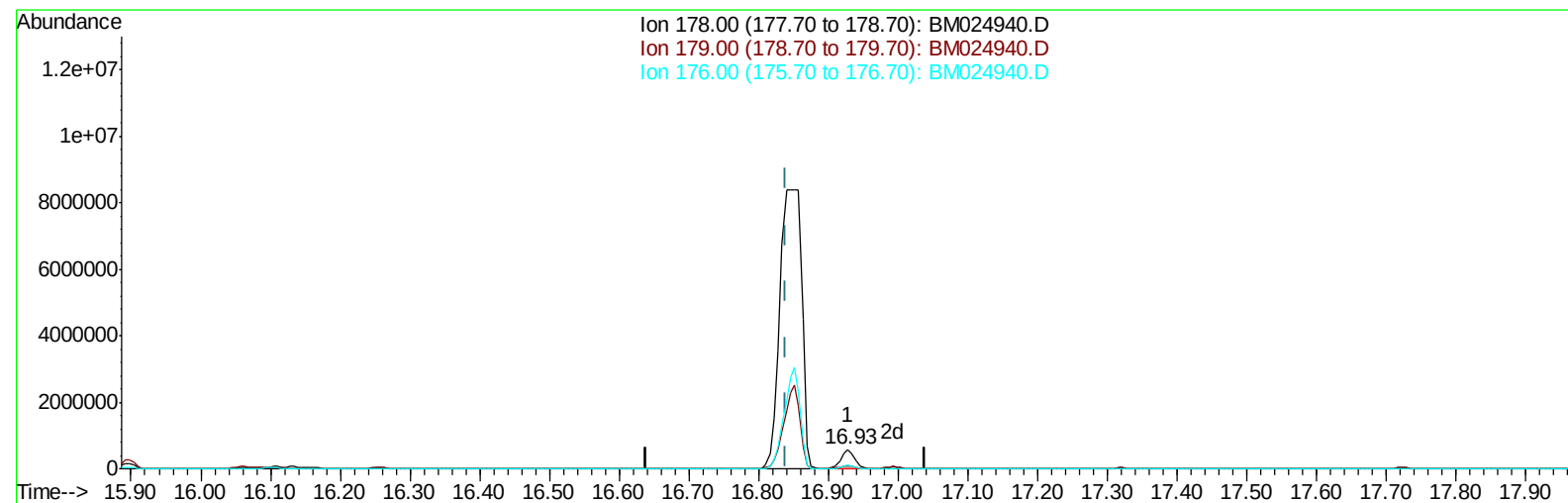
16.839min (+0.000) 208.10ng/ul m

response 18090047

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	20.70#
176.00	18.10	24.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(70) Phenanthrene

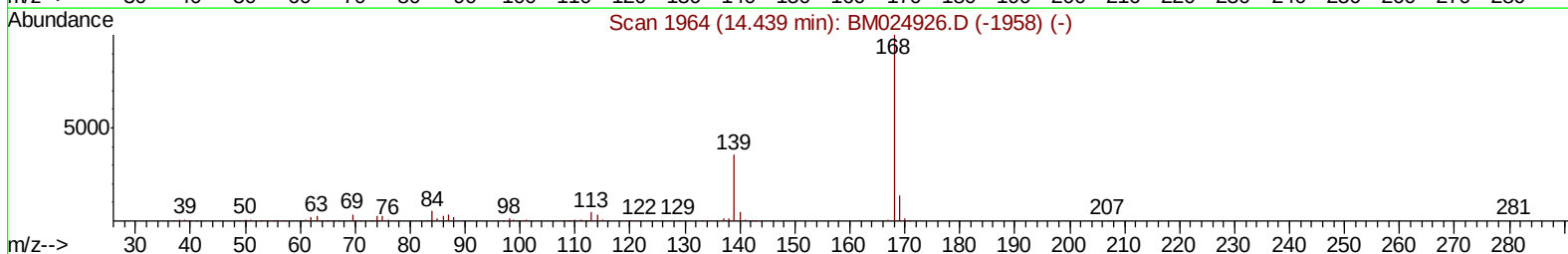
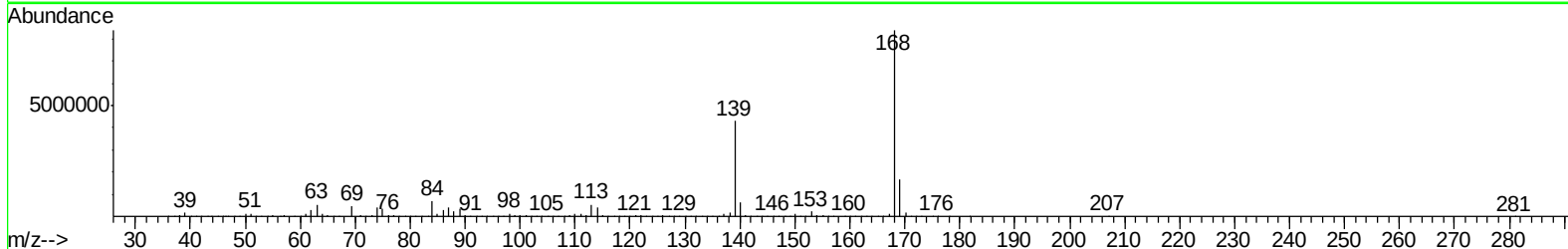
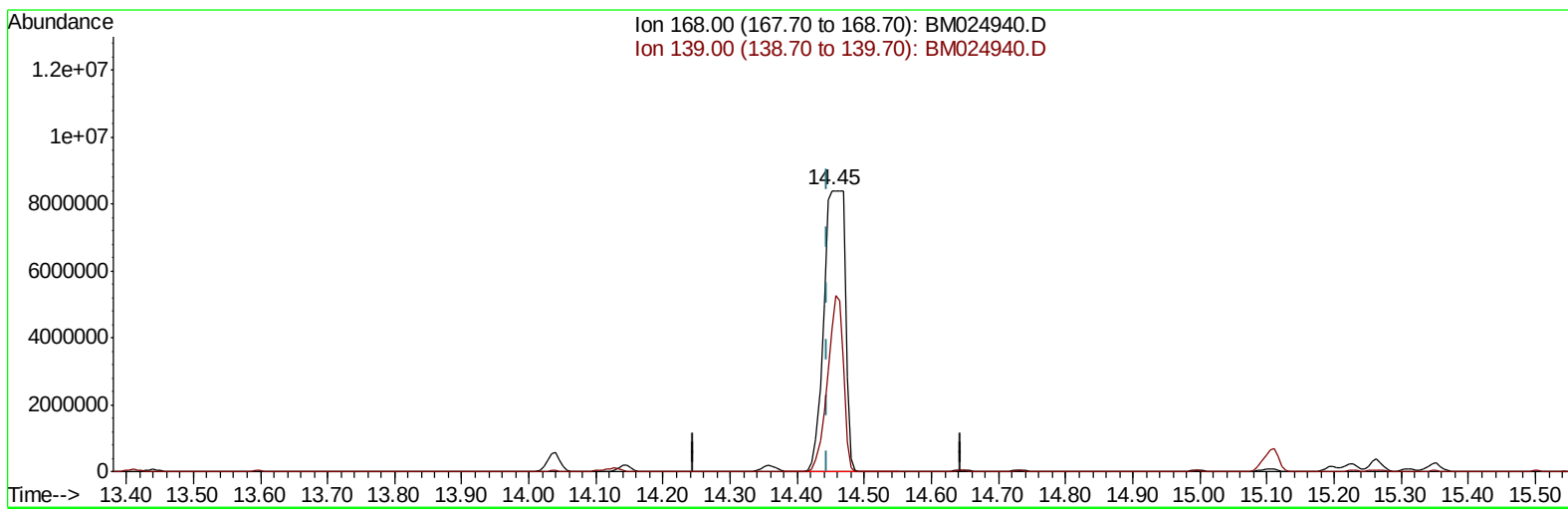
16.928min (+0.089) 8.40ng/ul

response 729969

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.97
176.00	18.10	18.40
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(54) Dibenzofuran

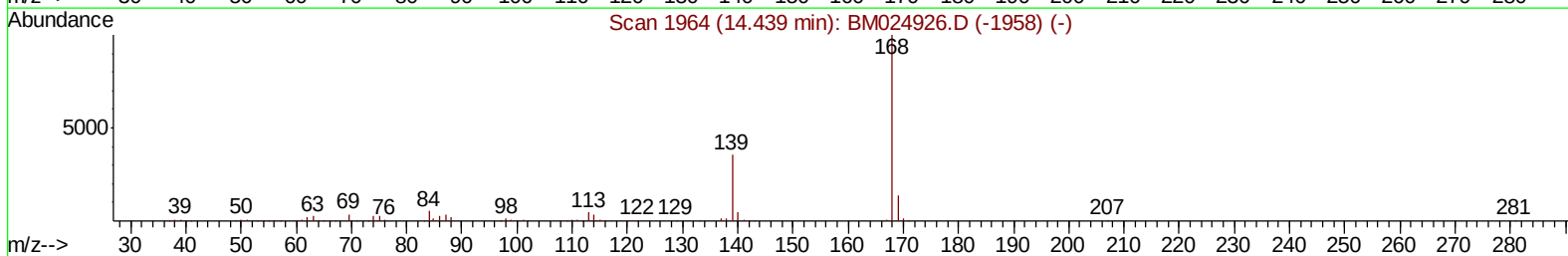
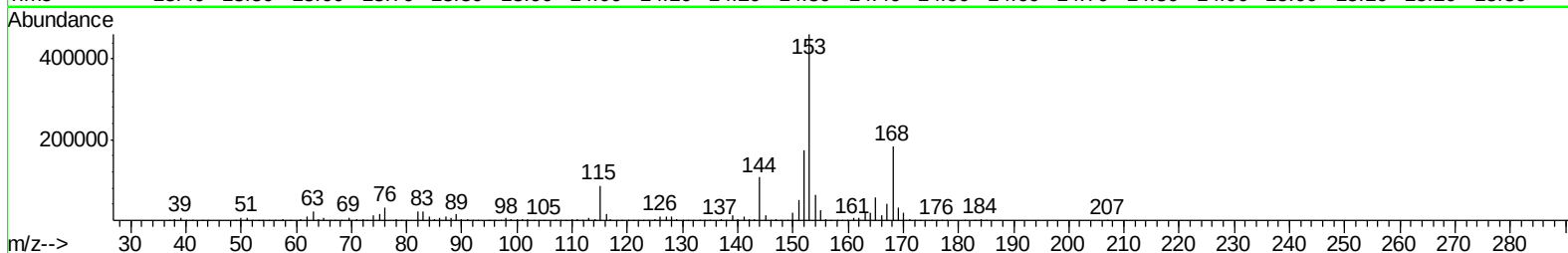
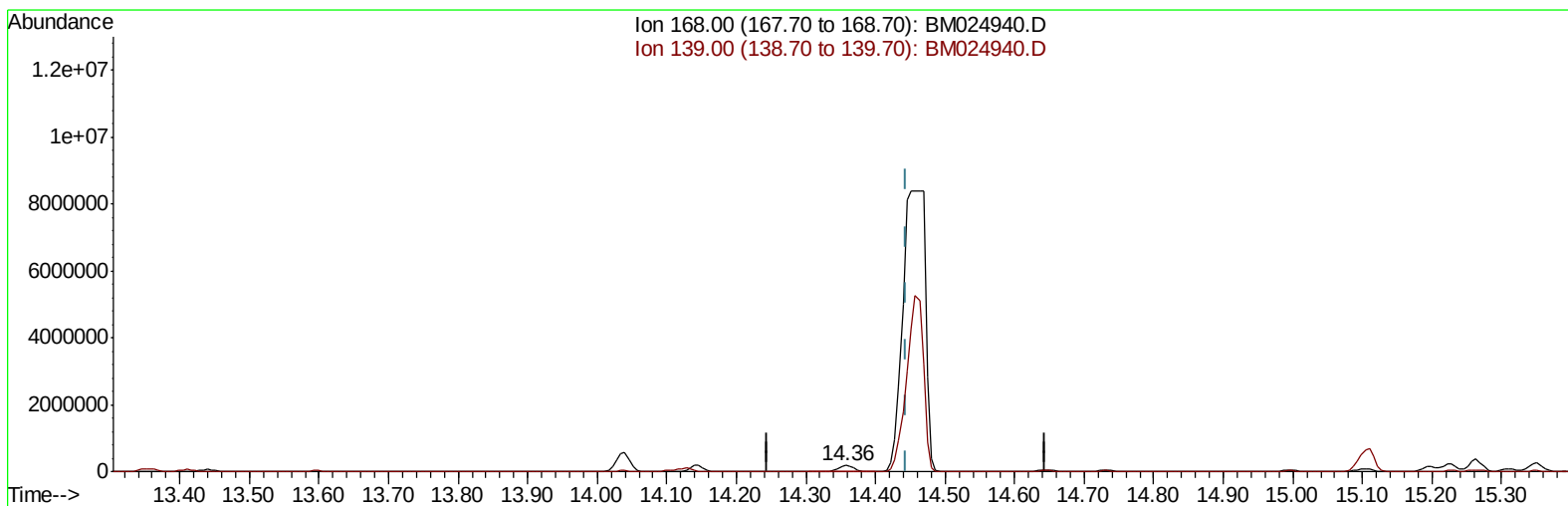
14.451min (+0.006) 275.49ng/ul m

response 18988653

Ion	Exp%	Act%
168.00	100	100
139.00	34.80	51.10#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(54) Dibenzofuran

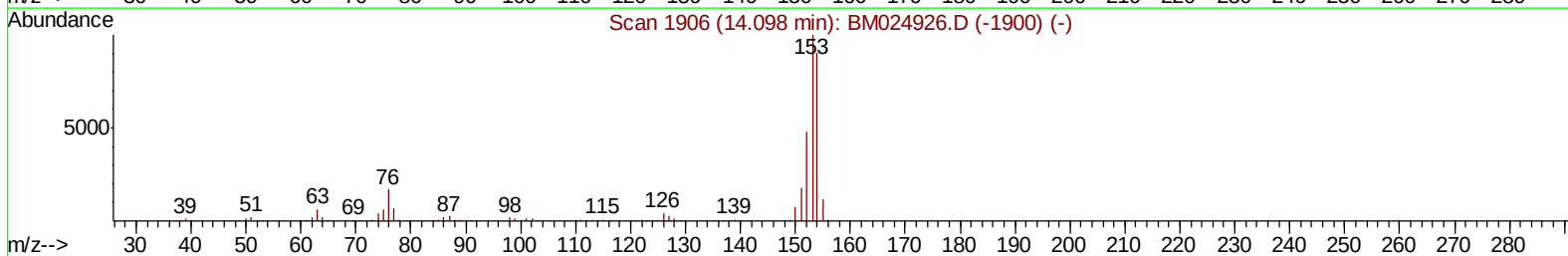
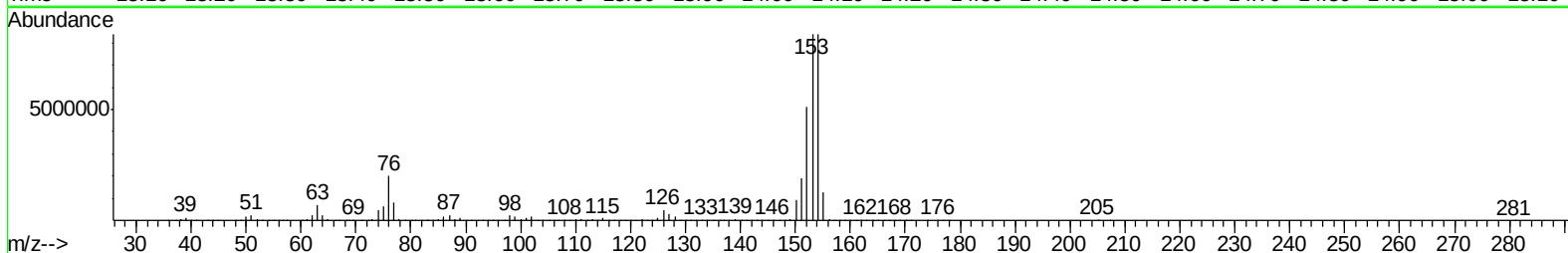
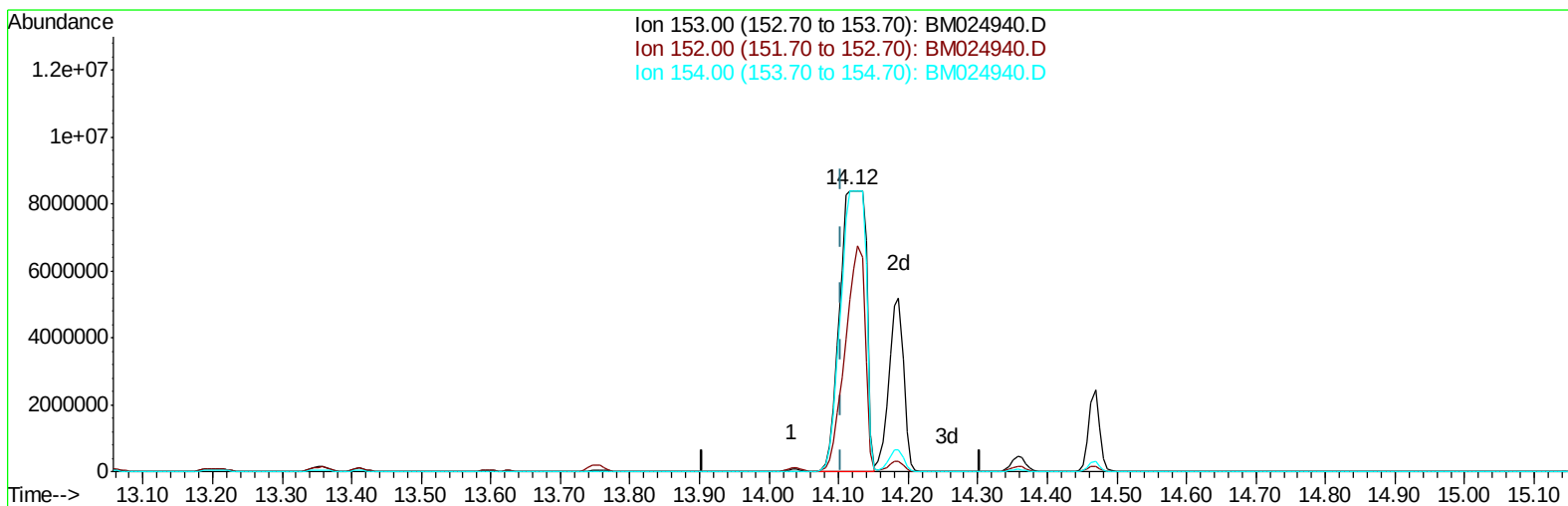
14.357min (-0.088) 3.95ng/ul

response 272579

Ion	Exp%	Act%
168.00	100	100
139.00	34.80	7.81#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024940.D
 Acq On : 18 Feb 2020 21:00
 Operator : CG/JU
 Sample : L1486-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration



TIC: BM024940.D

(50) Acenaphthene (C)

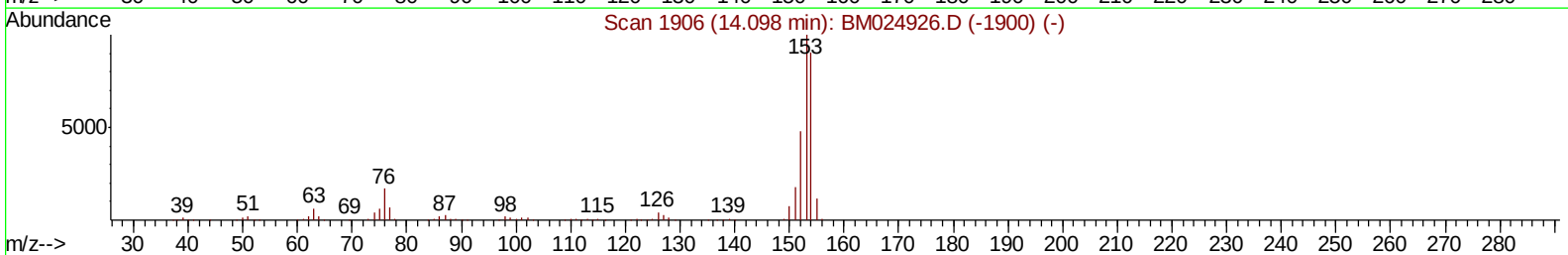
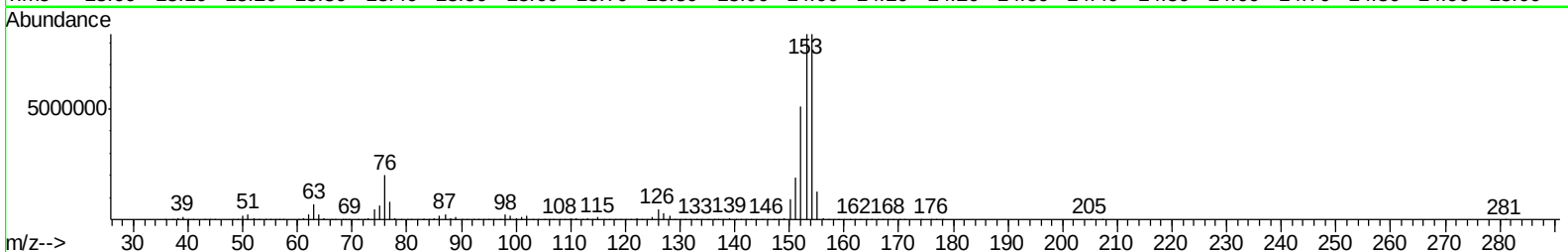
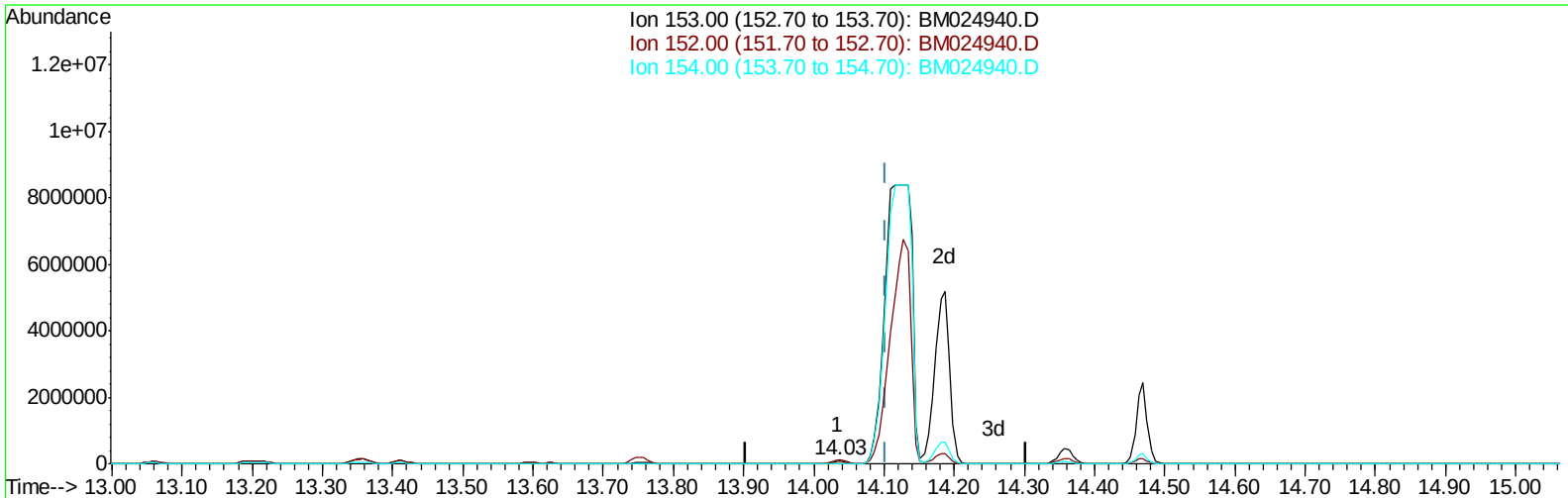
14.116min (+0.012) 479.30ng/ul m

response 22162434

Ion	Exp%	Act%
153.00	100	100
152.00	46.60	61.26#
154.00	92.60	100.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(50) Acenaphthene (C)

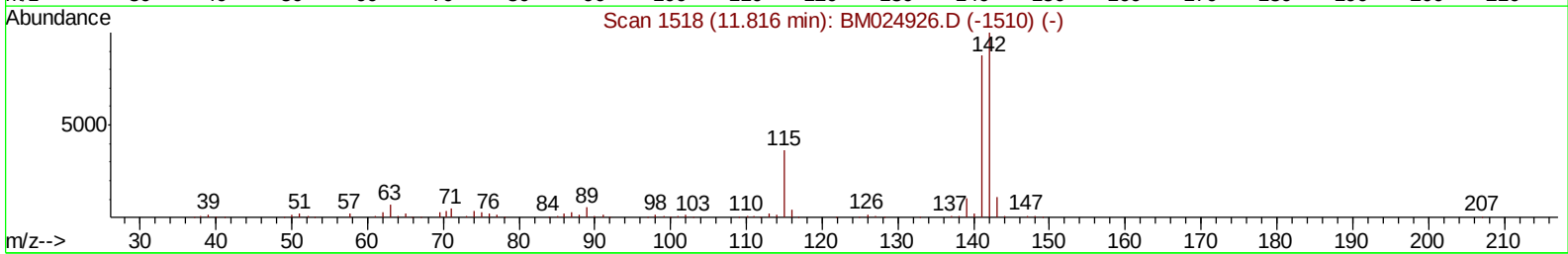
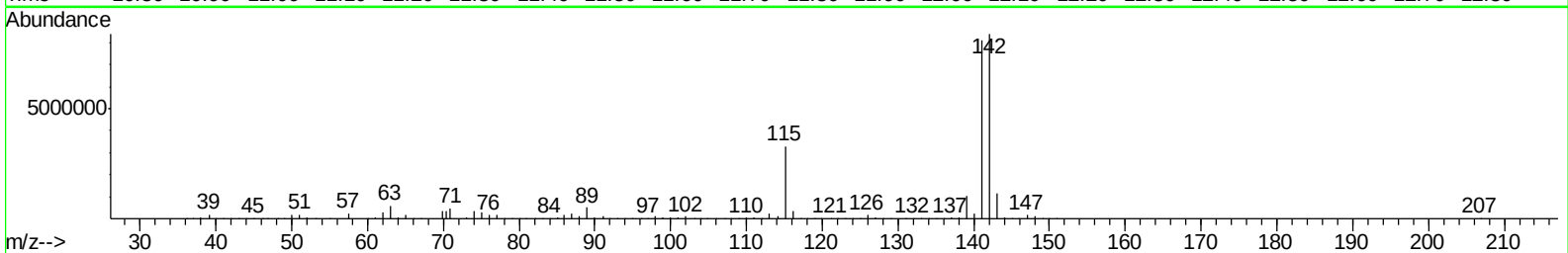
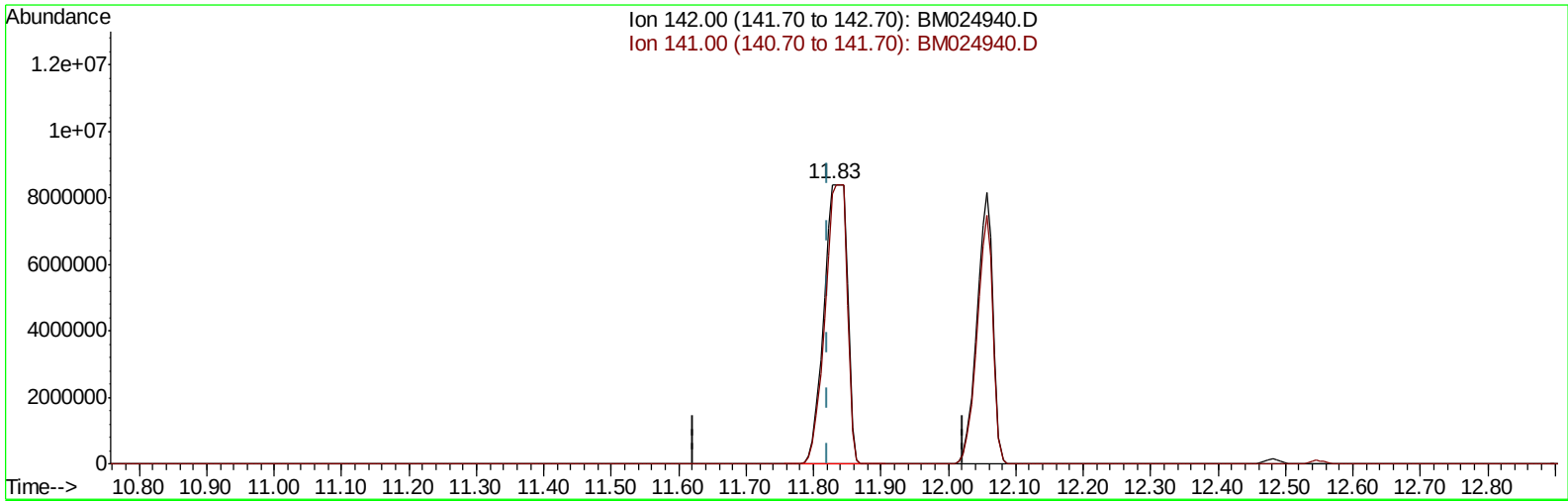
14.034min (-0.070) 2.55ng/ul

response 118032

Ion	Exp%	Act%
153.00	100	100
152.00	46.60	141.26#
154.00	92.60	14.71#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(34) 2-Methylnaphthalene

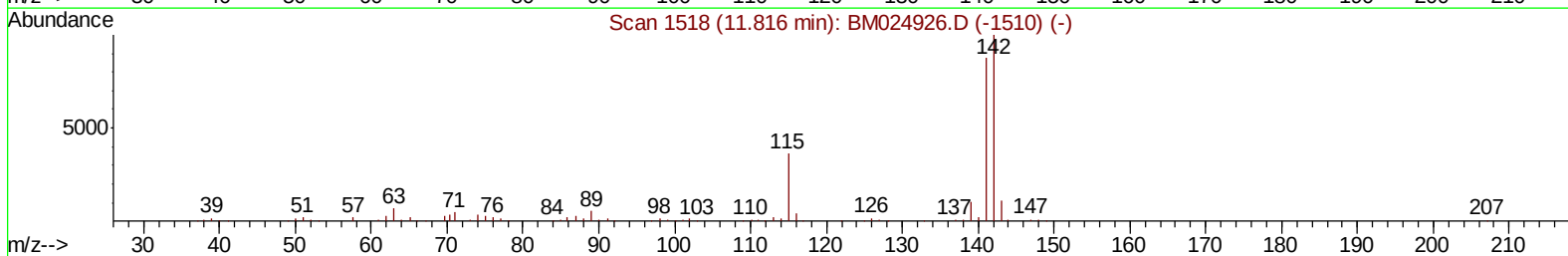
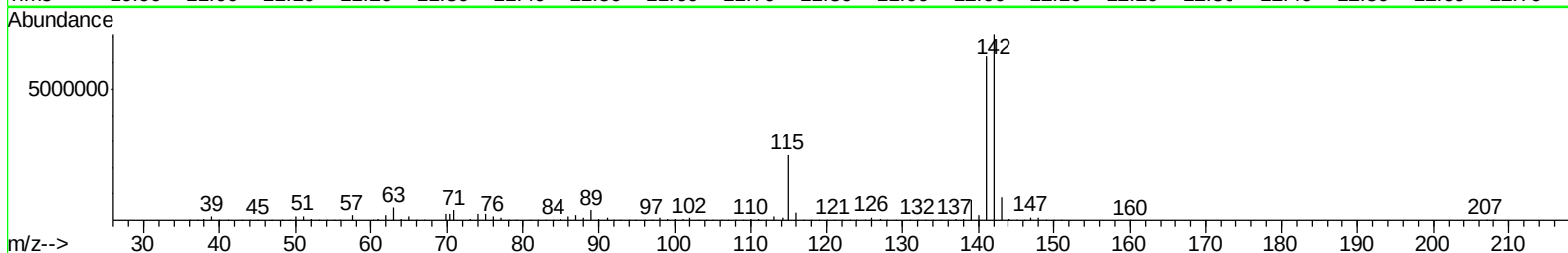
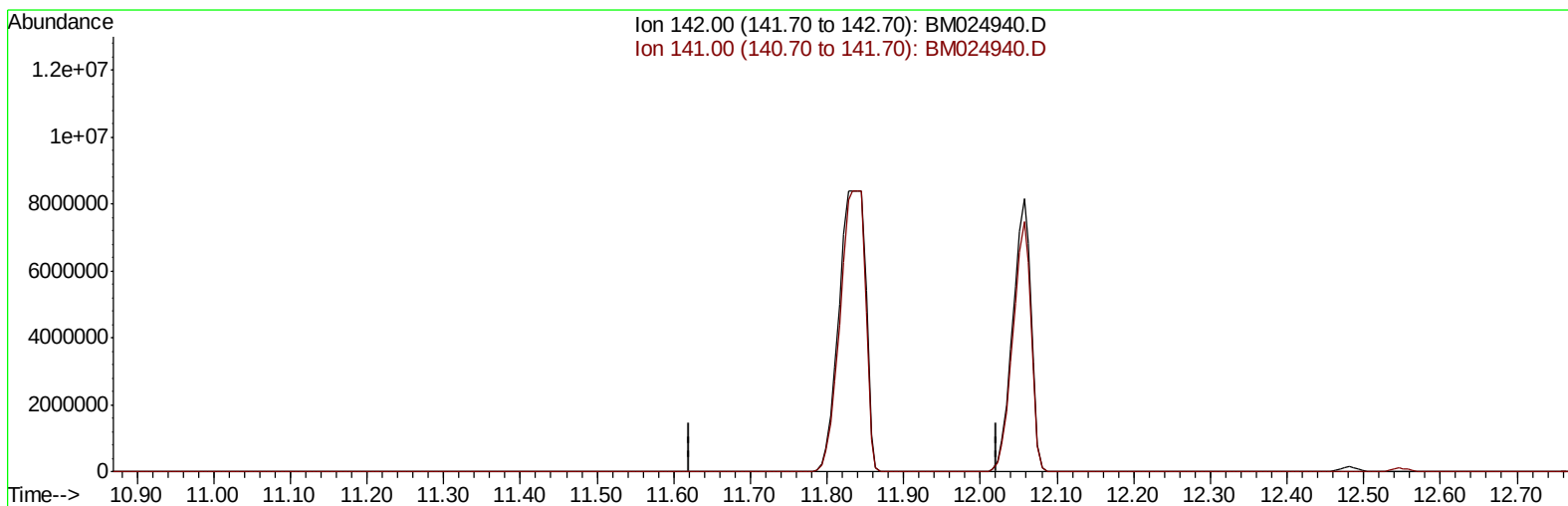
11.828min (+0.006) 491.42ng/ul m

response 20504562

Ion	Exp%	Act%
142.00	100	100
141.00	88.10	96.72
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(34) 2-Methylnaphthalene

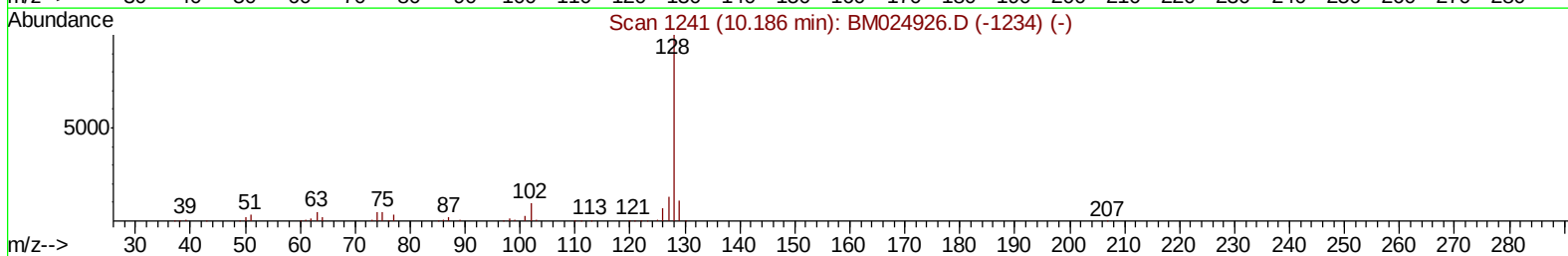
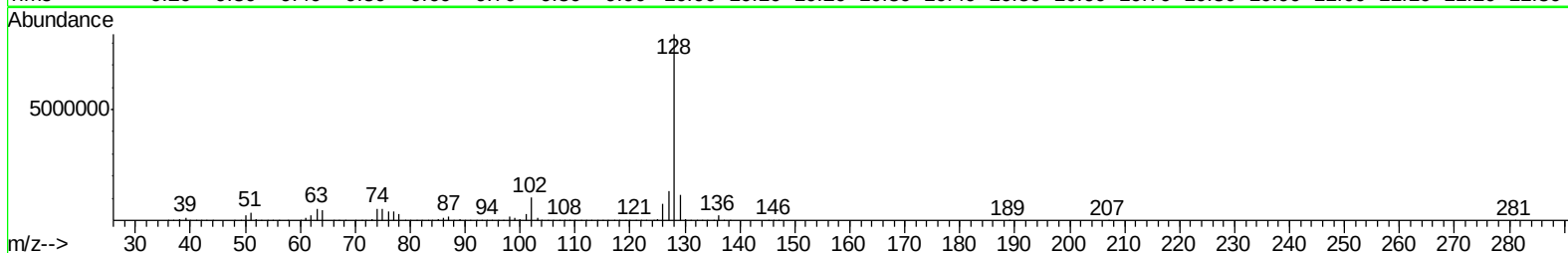
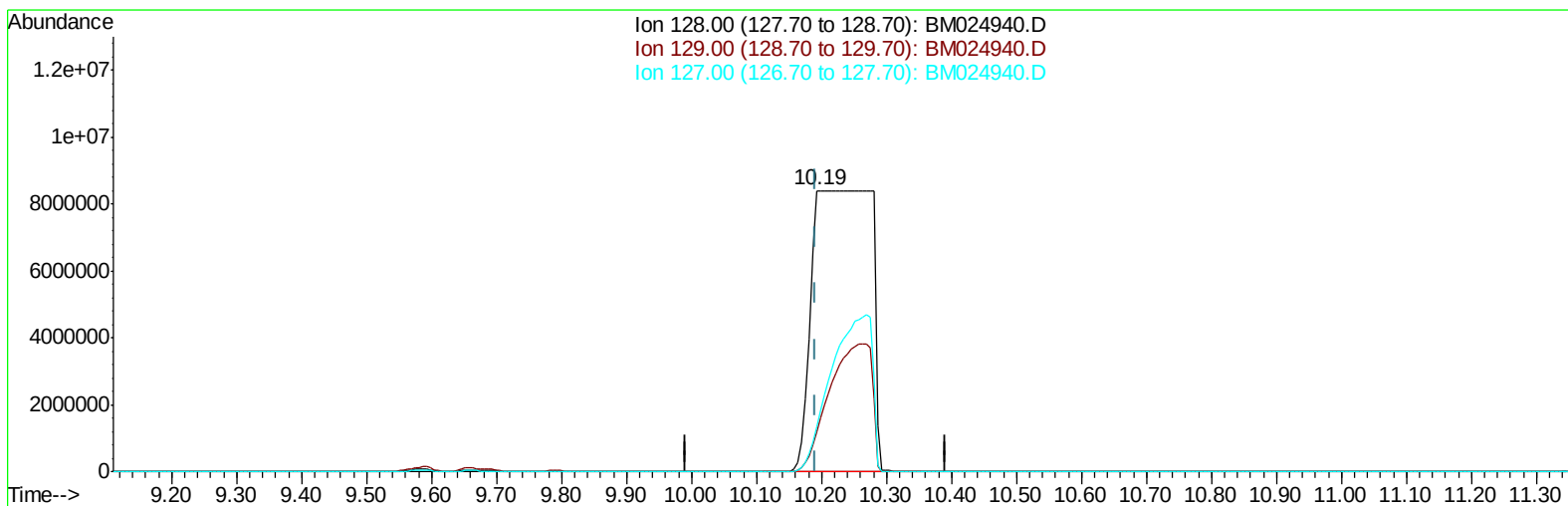
11.822min (-11.822) 0.00ng/ul

response 0

Ion	Exp%	Act%
142.00	100	0.00
141.00	88.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(28) Naphthalene

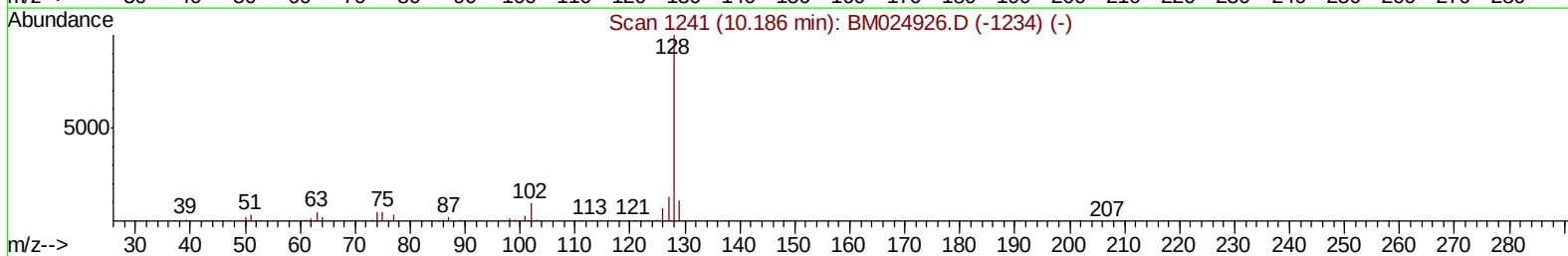
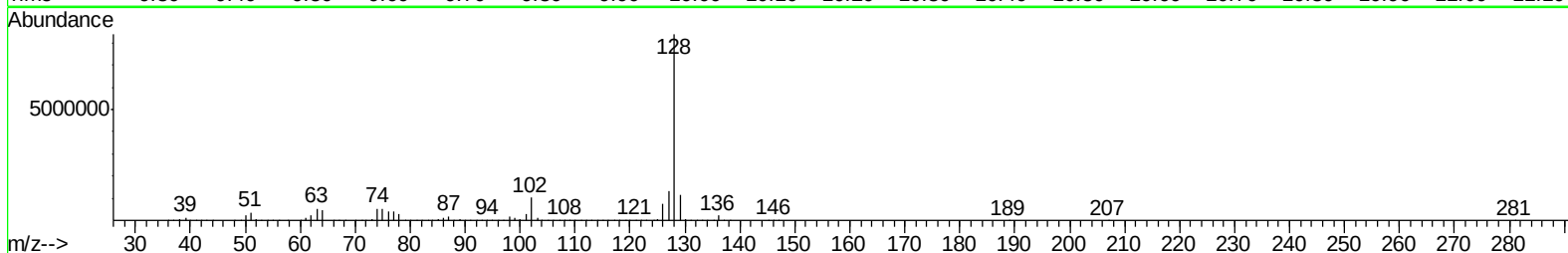
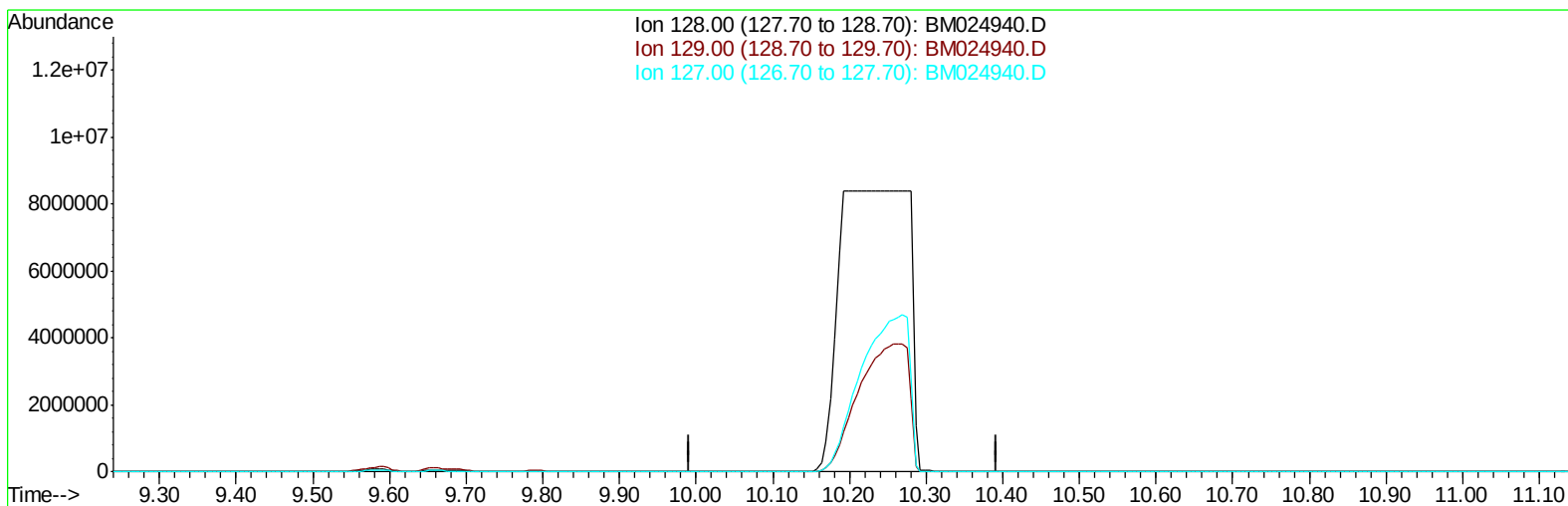
10.193min (+0.000) 933.28ng/ul m

response 52864635

Ion	Exp%	Act%
128.00	100	100
129.00	11.40	13.98#
127.00	13.00	15.95#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(28) Naphthalene

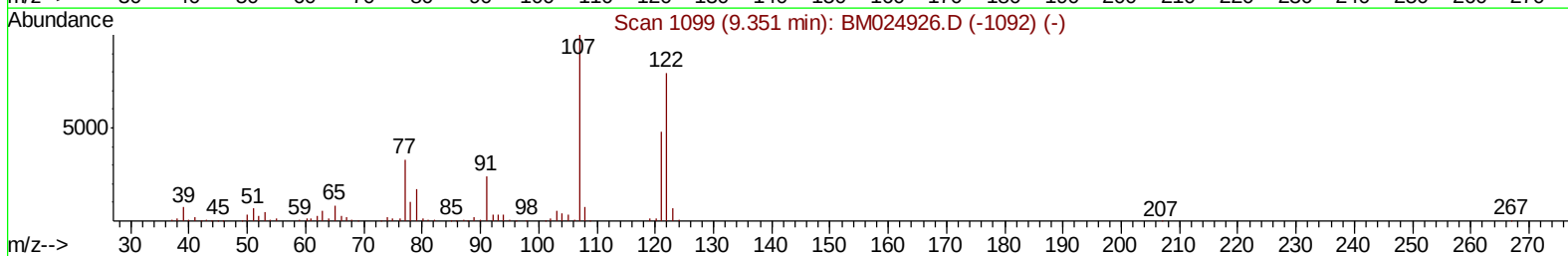
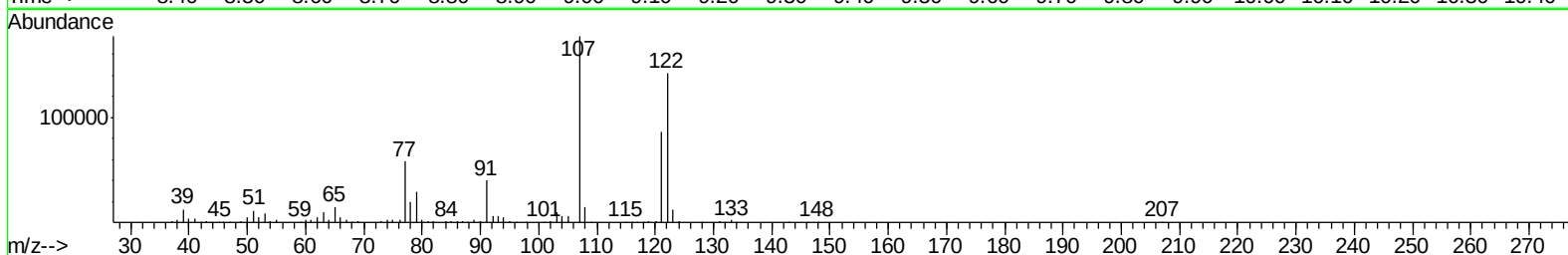
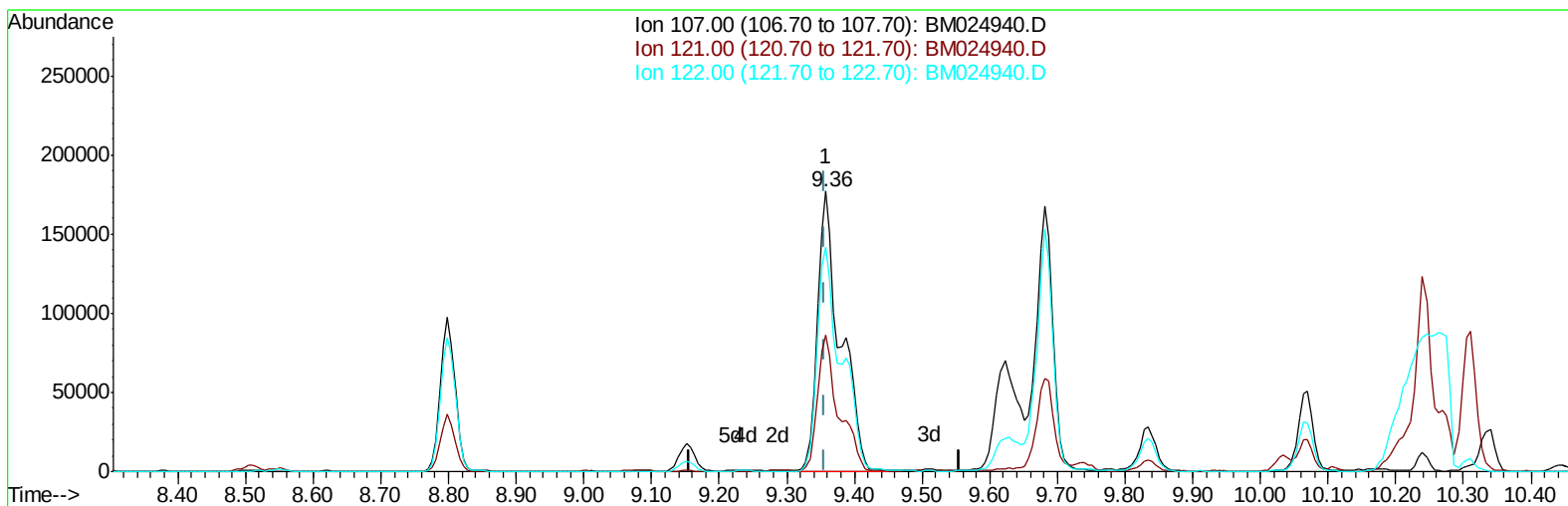
10.192min (-10.192) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.40	0.00#
127.00	13.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024940.D

(24) 2,4-Dimethylphenol

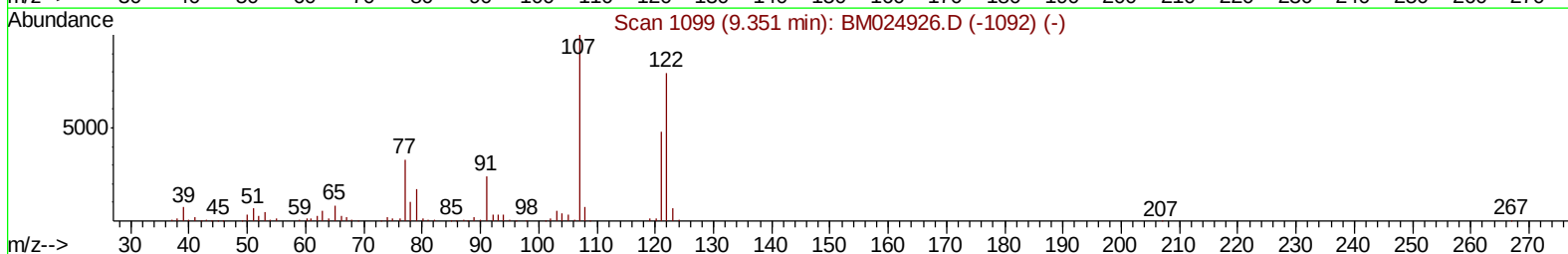
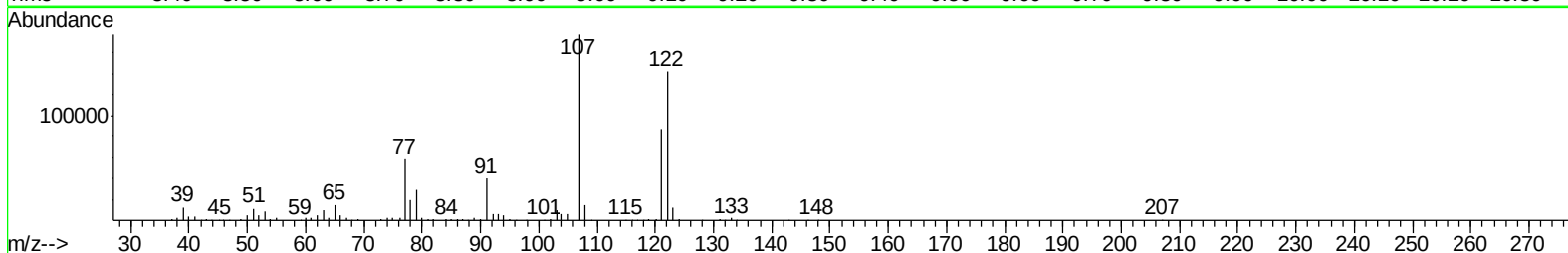
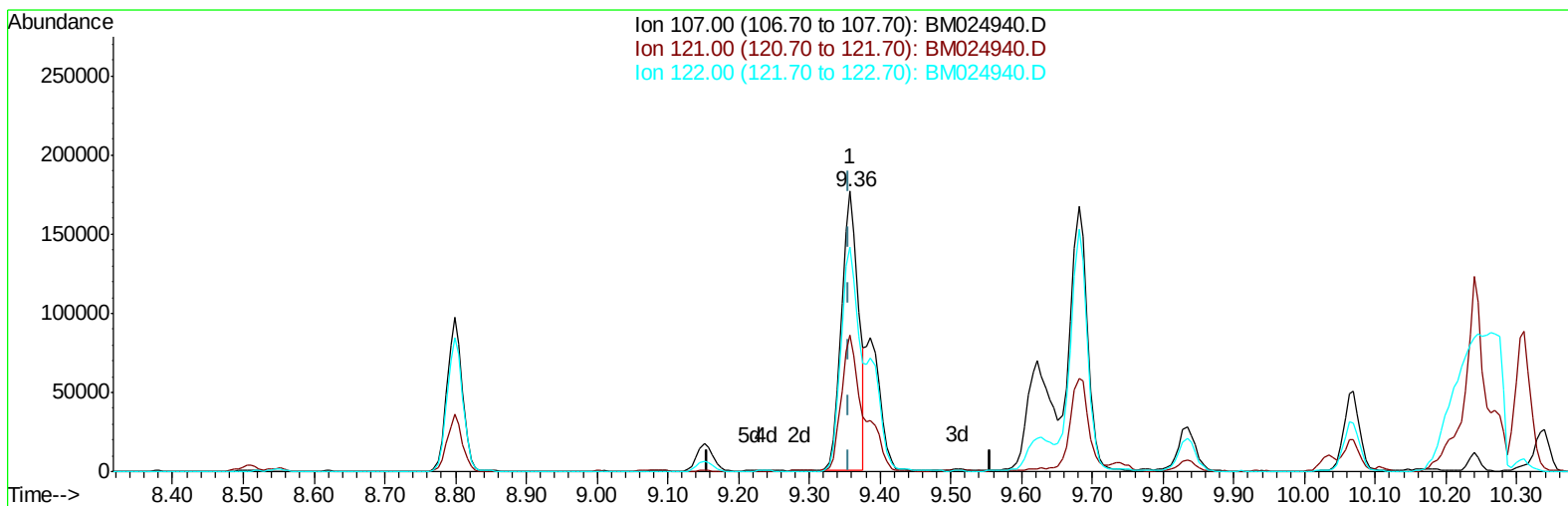
9.357min (+0.000) 22.22ng/ul m

response 423239

Ion	Exp%	Act%
107.00	100	100
121.00	52.40	48.77
122.00	87.80	80.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024940.D
 Acq On : 18 Feb 2020 21:00
 Operator : CG/JU
 Sample : L1486-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 03:44:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration



TIC: BM024940.D

(24) 2,4-Dimethylphenol

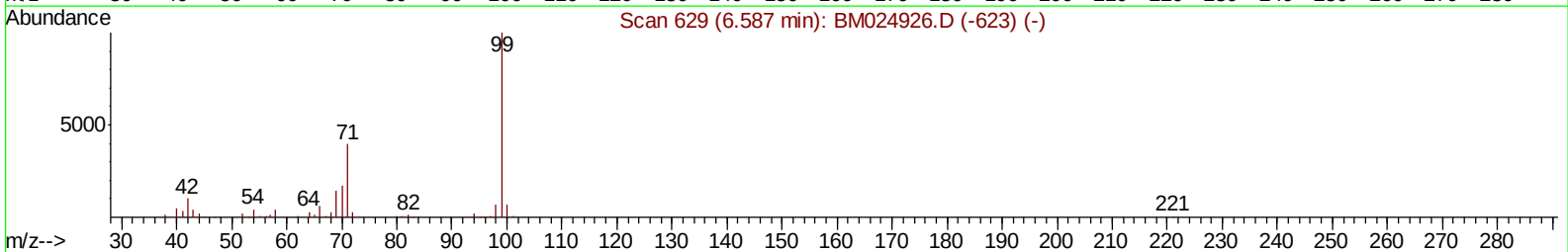
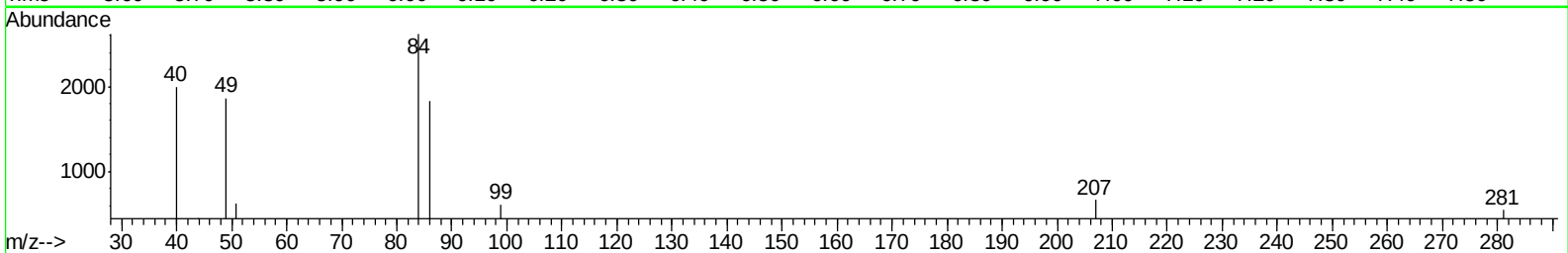
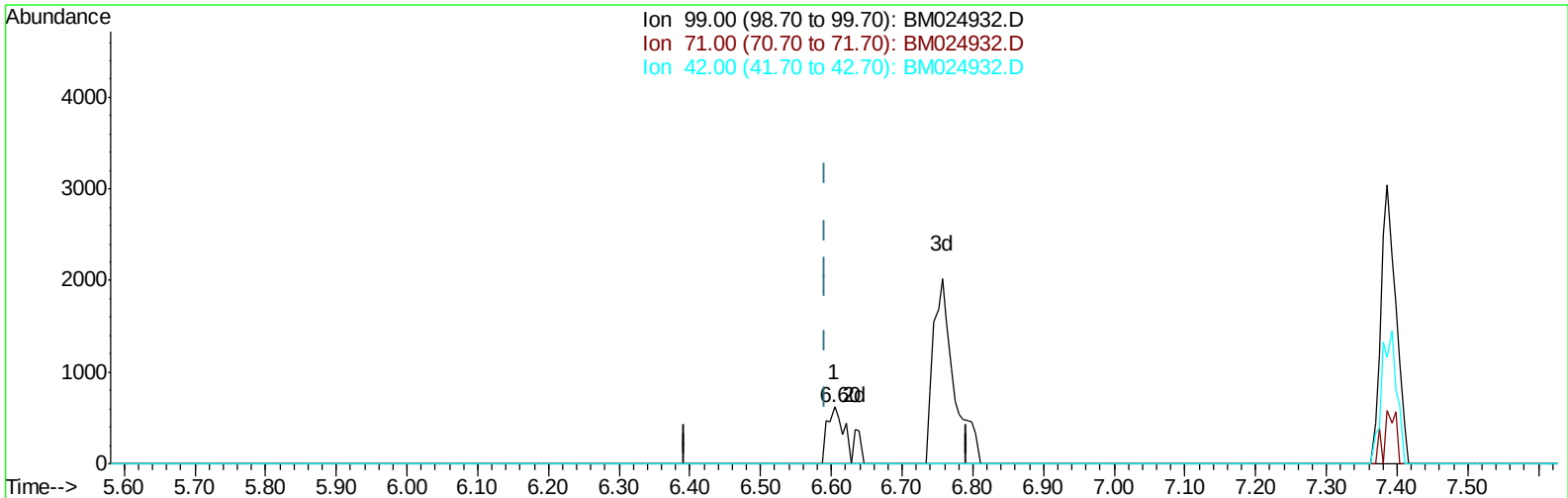
9.357min (+0.000) 15.54ng/ul

response 296040

Ion	Exp%	Act%
107.00	100	100
121.00	52.40	48.77
122.00	87.80	80.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024932.D
Acq On : 18 Feb 2020 16:10
Operator : CG/JU
Sample : L1486-07DL2 100X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 19 03:43:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024932.D

(5) Phenol-d5 (S)

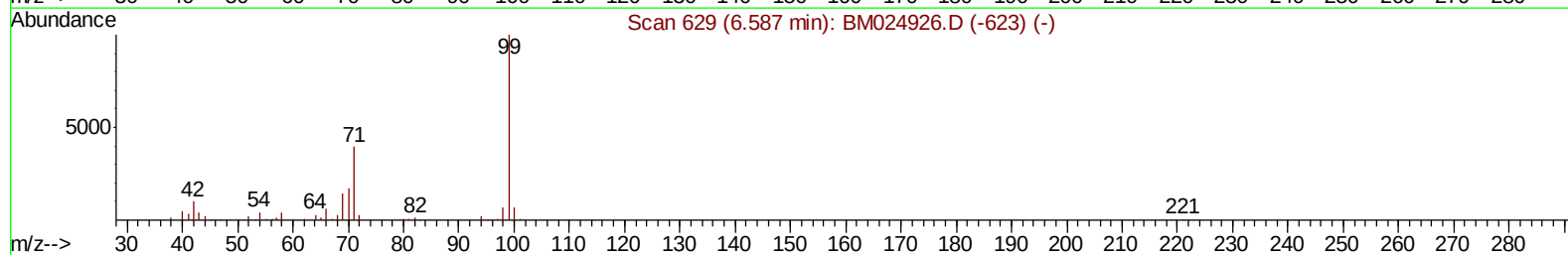
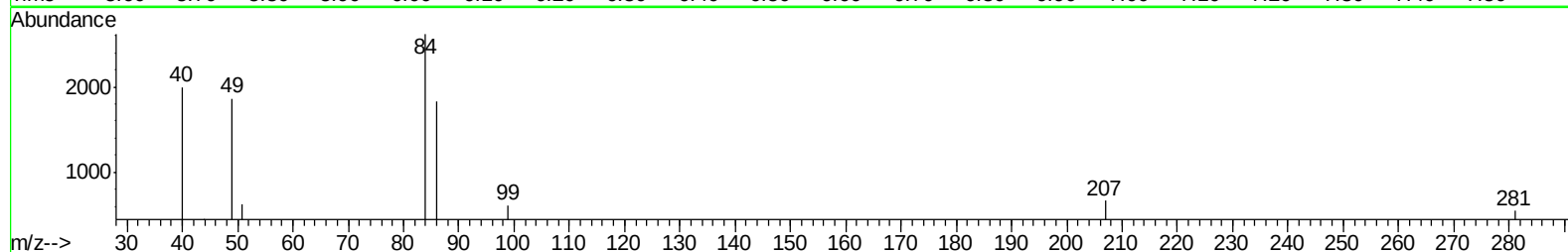
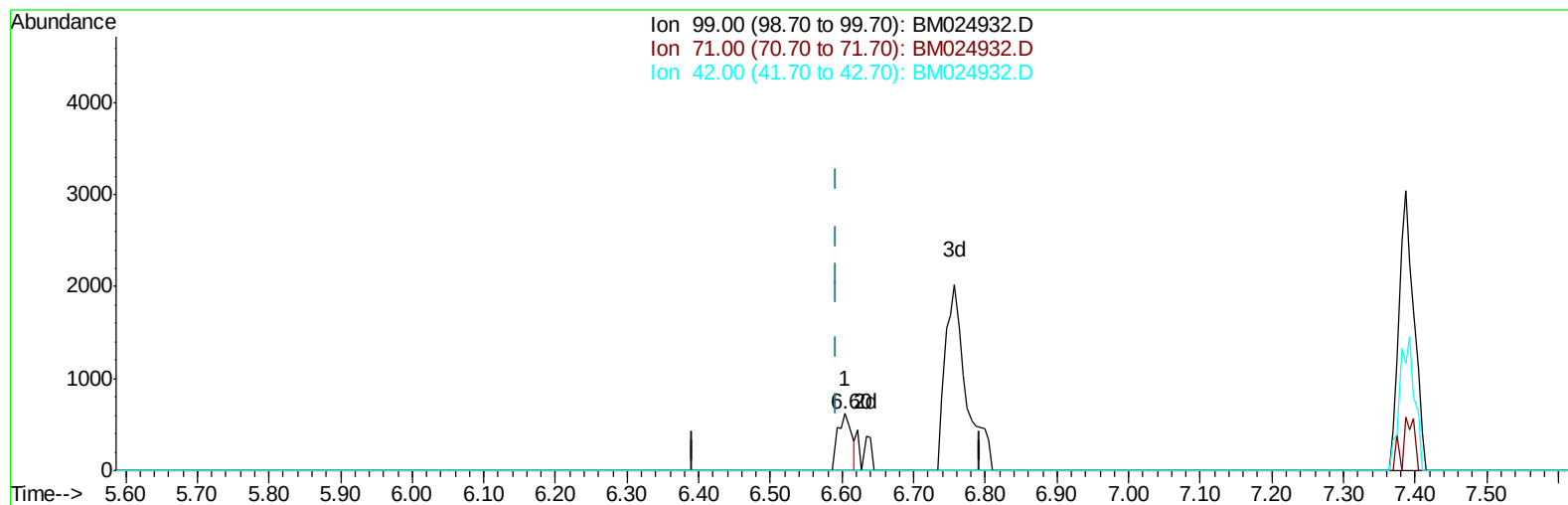
6.604min (+0.012) 0.04ng/ul m

response 988

Ion	Exp%	Act%
99.00	100	100
71.00	36.40	0.00#
42.00	14.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024932.D
Acq On : 18 Feb 2020 16:10
Operator : CG/JU
Sample : L1486-07DL2 100X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 19 03:43:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration



TIC: BM024932.D

(5) Phenol-d5 (S)

6.604min (+0.012) 0.04ng/ul

response 833

Ion	Exp%	Act%
99.00	100	100
71.00	36.40	0.00#
42.00	14.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024940.D
 Acq On : 18 Feb 2020 21:00
 Operator : CG/JU
 Sample : L1486-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 05:34:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	300128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1108619	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.04	164	749843	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1594301	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1629872	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1725931	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	42351	6.79	ng/uL	0.00
5) Phenol-d5	6.59	99	152744	7.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	425509	37.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	487711	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	276812	16.45	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	289593	36.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	328236	34.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	580567	30.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	66083	3.70	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	1823607	32.22	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	2235053	33.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	57503	6.25	ng/ul	0.00
58) Fluorene-d10	15.05	176	1678660	33.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	262049	25.22	ng/ul	0.00
71) Anthracene-d10	16.89	188	2543201	34.94	ng/ul	0.00
79) Pyrene-d10	19.20	212	2849200	34.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	3137231	36.19	ng/ul	0.00

Target Compounds

					Ovalue	
11) 2-Methylphenol	7.84	108	73409	4.507	ng/ul	98
16) 4-Methylphenol	8.16	108	68180	3.877	ng/ul	95
24) 2,4-Dimethylphenol	9.36	107	423239m	22.221	ng/ul	
28) Naphthalene	10.19	128	52864635m	933.283	ng/ul	
34) 2-Methylnaphthalene	11.83	142	20504562m	491.422	ng/ul	
41) 1,1'-Biphenyl	12.86	154	7230069	130.613	ng/ul#	97
48) Acenaphthylene	13.75	152	320222	4.677	ng/ul#	87
50) Acenaphthene	14.12	153	22162434m	479.299	ng/ul	
54) Dibenzofuran	14.45	168	18988653m	275.492	ng/ul	
59) Fluorene	15.11	166	12393507	218.172	ng/ul	98
70) Phenanthrene	16.84	178	18090047m	208.102	ng/ul	
72) Anthracene	16.93	178	729969	8.280	ng/ul	98
75) Carbazole	17.21	167	7352765	100.110	ng/ul	99
77) Fluoranthene	18.86	202	3753172	35.170	ng/ul#	95
80) Pyrene	19.23	202	2315807	21.465	ng/ul#	94
83) Benzo(a)anthracene	20.99	228	157036	1.430	ng/ul	98
85) Chrysene	21.04	228	144212	1.334	ng/ul	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 19 05:34:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

