

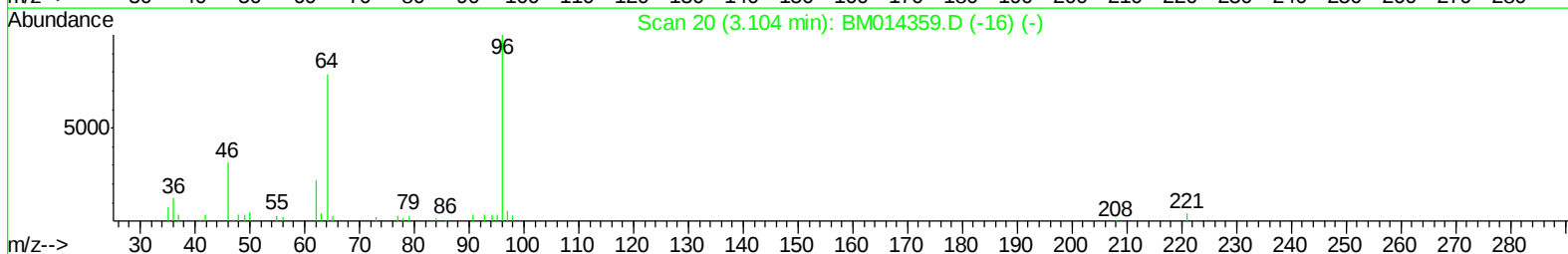
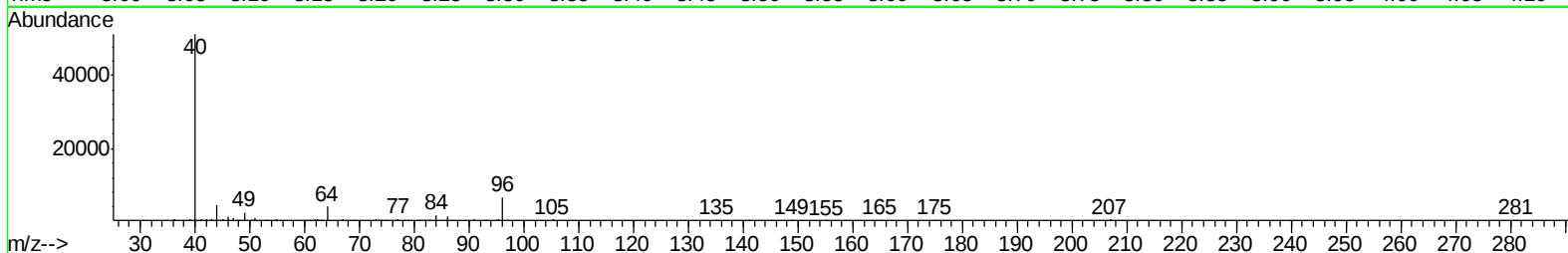
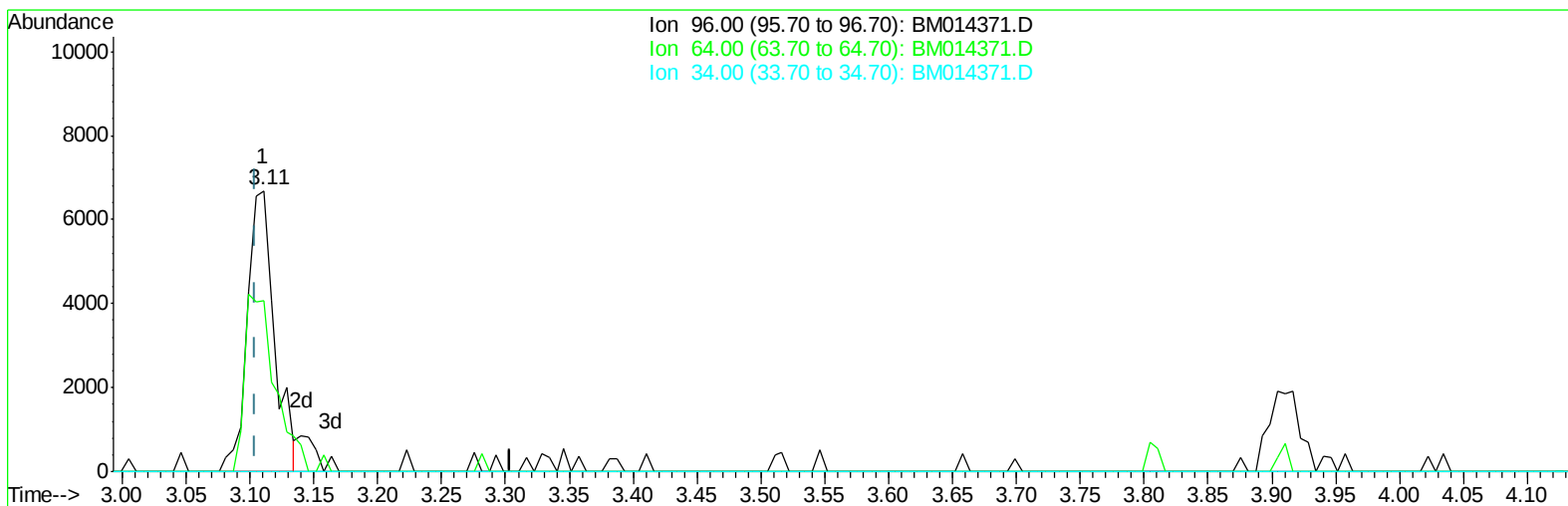
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE609

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:45 PM

Quant Time: Feb 27 03:26:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014371.D

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

3.111min (+0.006) 2.49ng/uL

response 9795

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.81
34.00	0.00	0.00
0.00	0.00	0.00

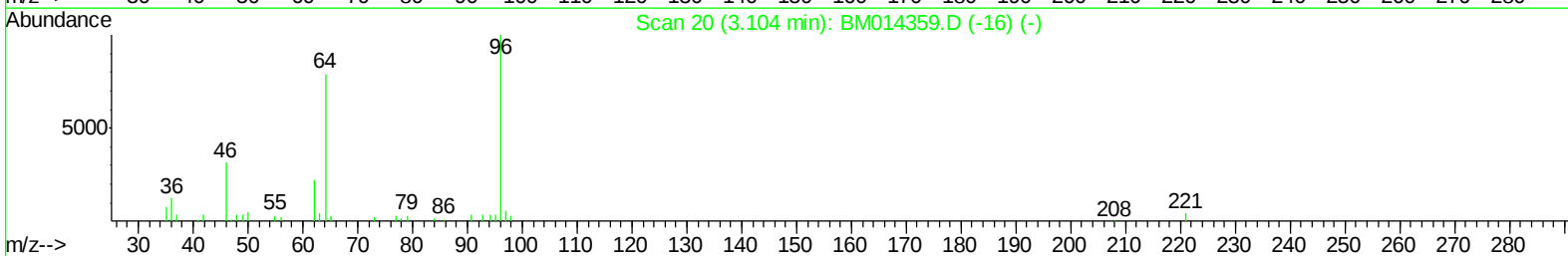
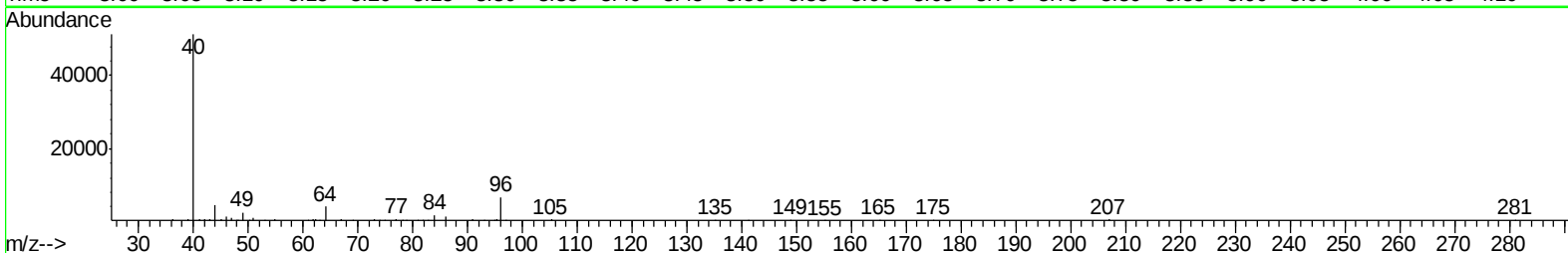
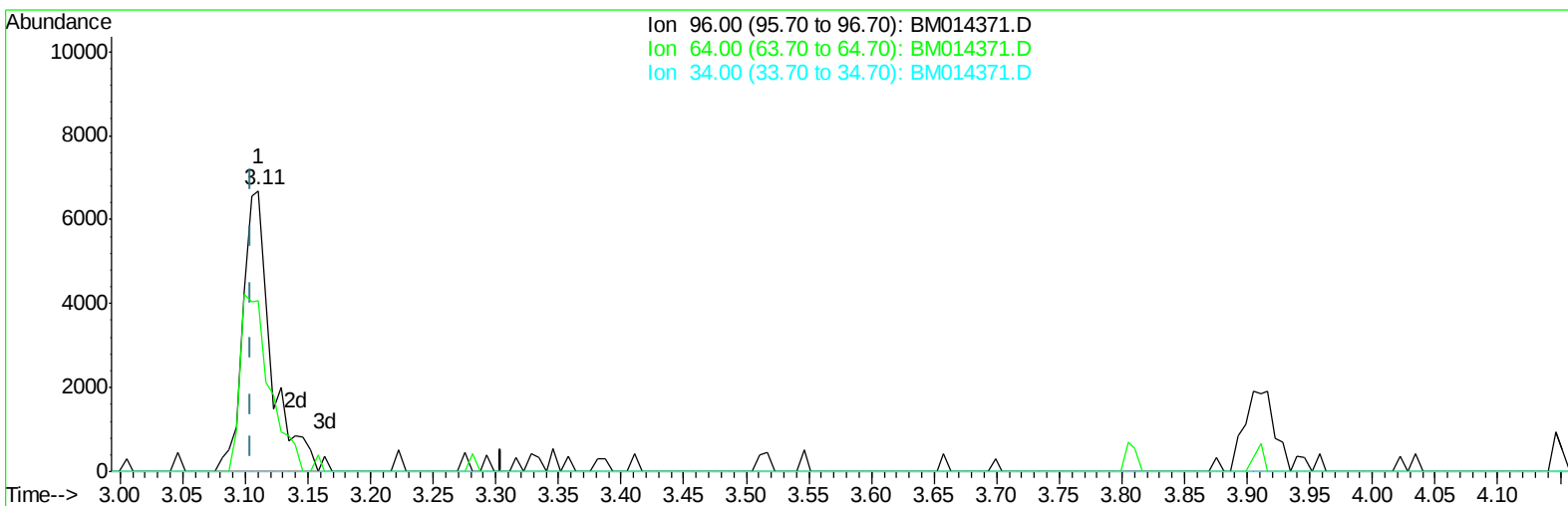
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
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TIC: BM014371.D

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

3.111min (+0.006) 2.69ng/uL m

response 10560

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	65.68
34.00	0.00	0.00
0.00	0.00	0.00

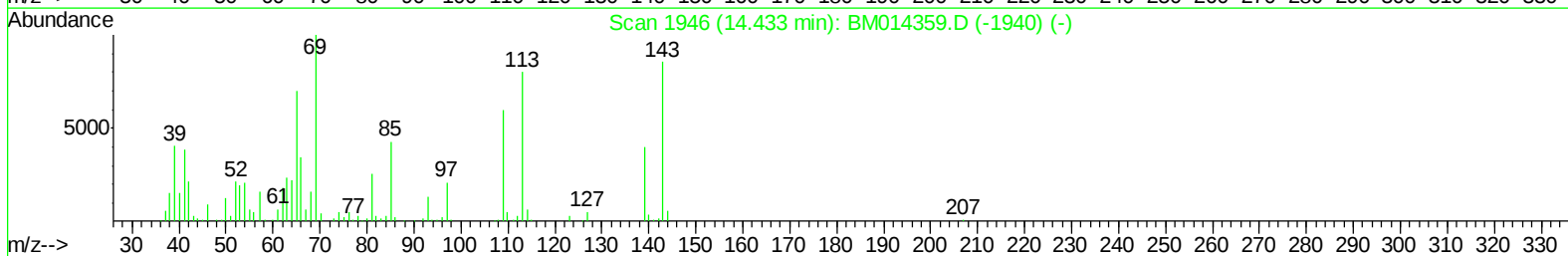
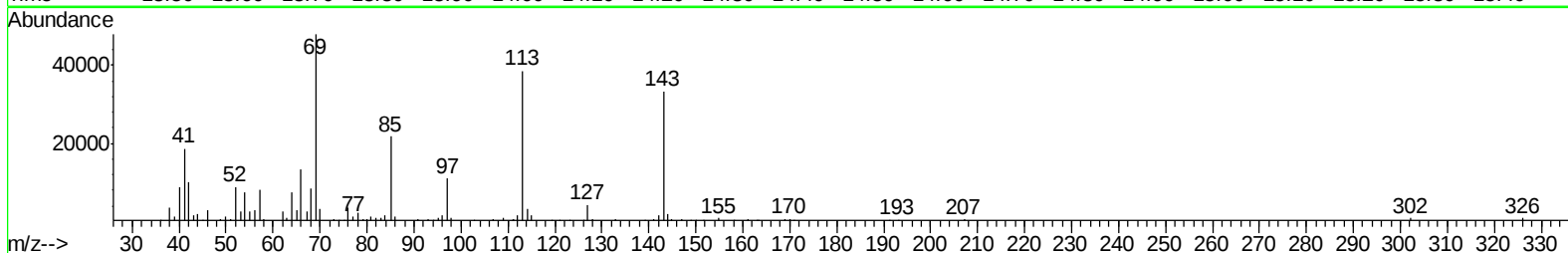
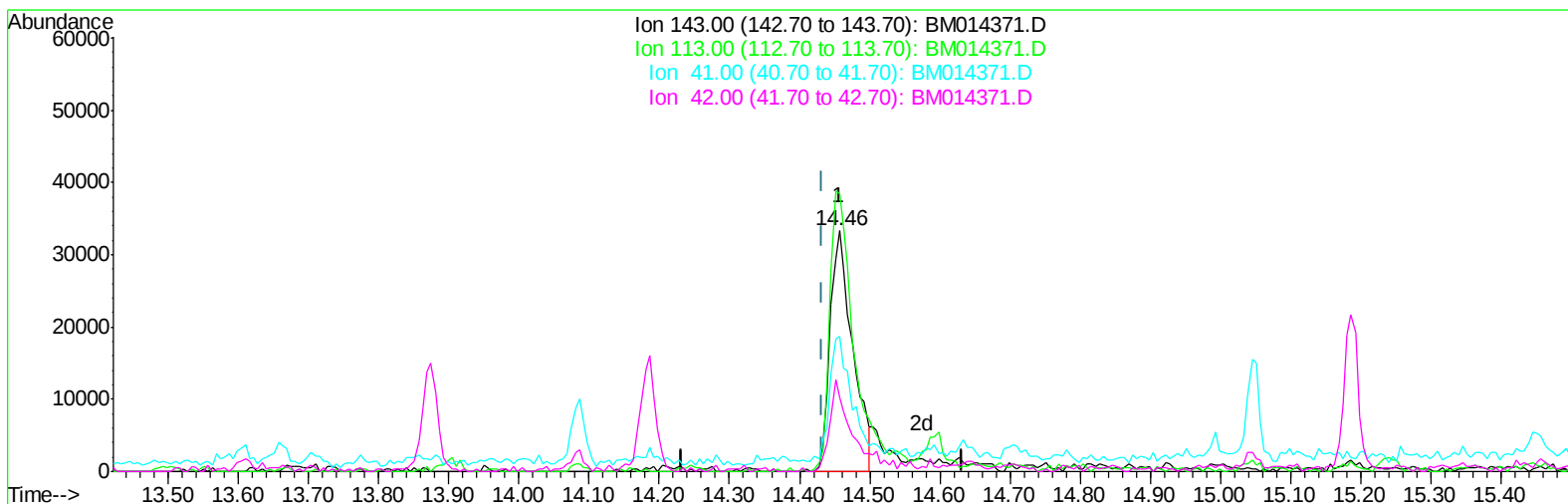
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Sohil
2/27/2018 4:58:45 PM

Quant Time: Feb 27 06:26:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014371.D

(51) 4-Nitrophenol-d4 (S)
14.457min (+0.024) 15.36ng/ul
response 73619

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	115.69
41.00	34.80	56.13#
42.00	20.50	30.72#

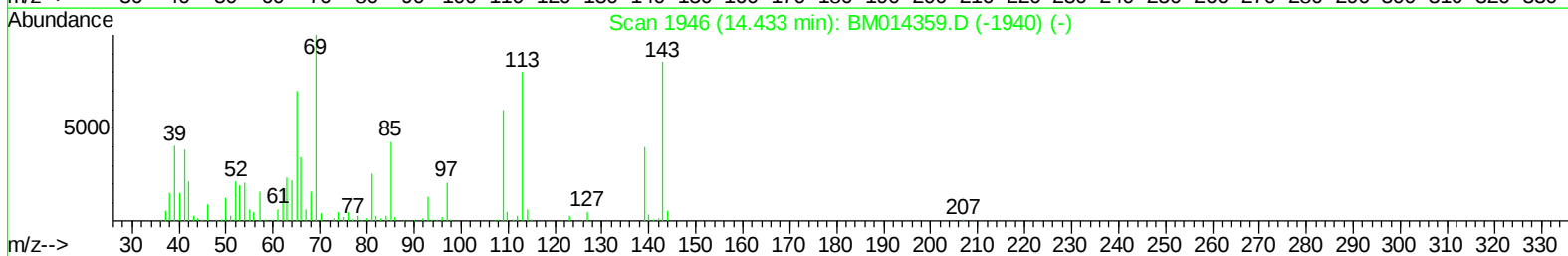
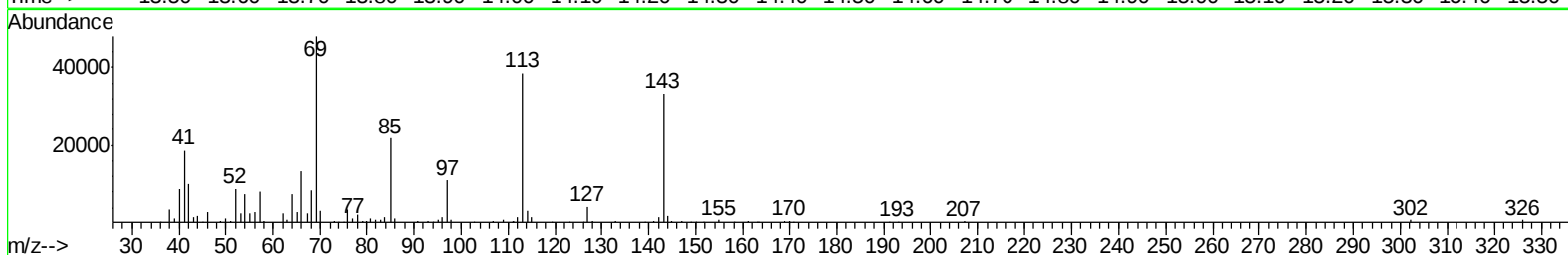
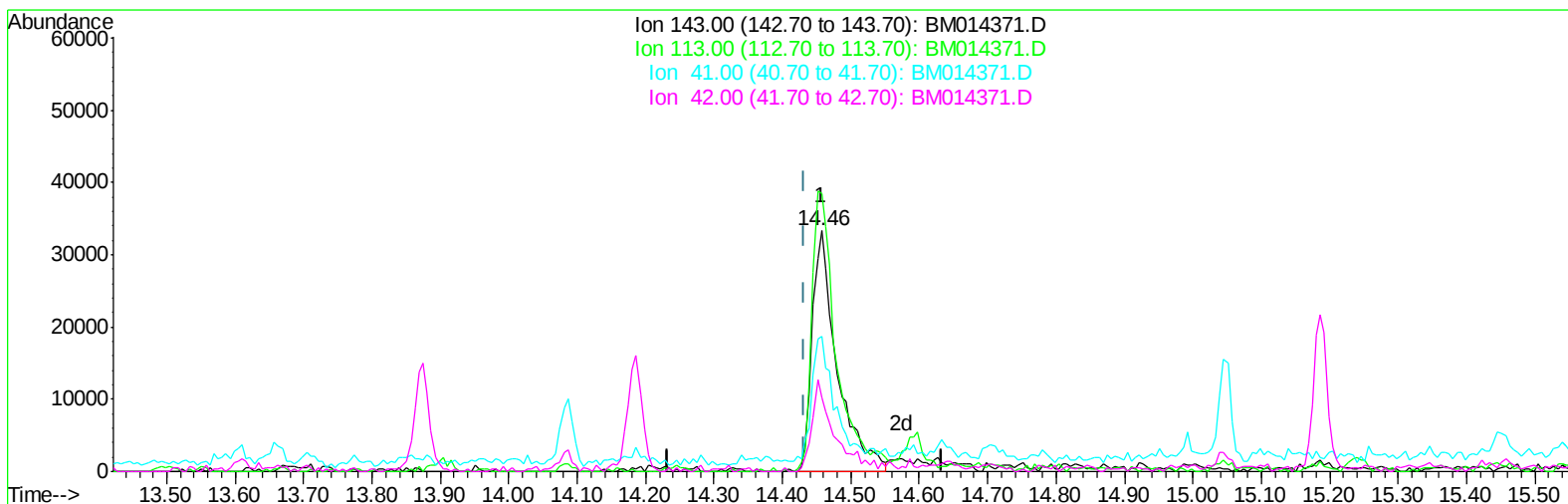
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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TIC: BM014371.D

(51) 4-Nitrophenol-d4 (S)

14.457min (+0.024) 17.46ng/ul m

response 83697

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	115.69
41.00	34.80	56.13#
42.00	20.50	30.72#

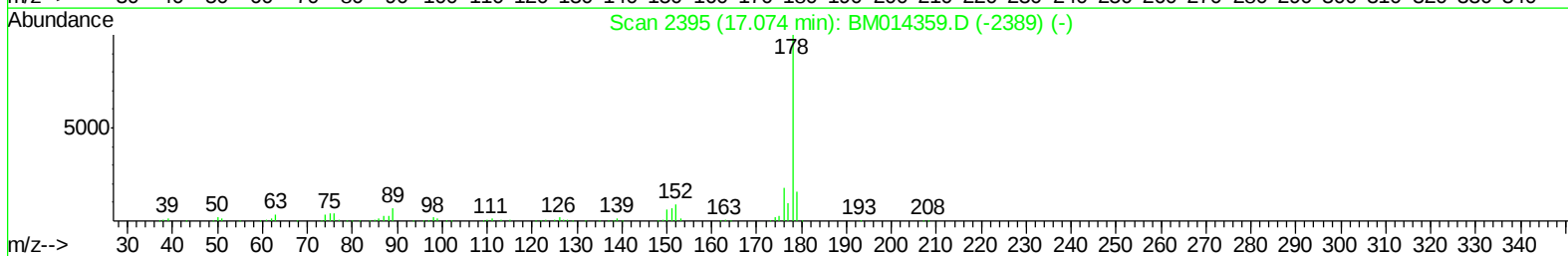
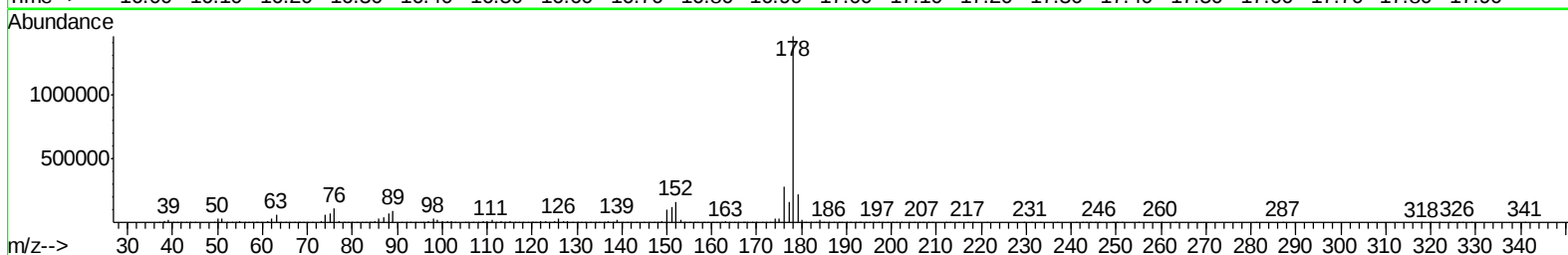
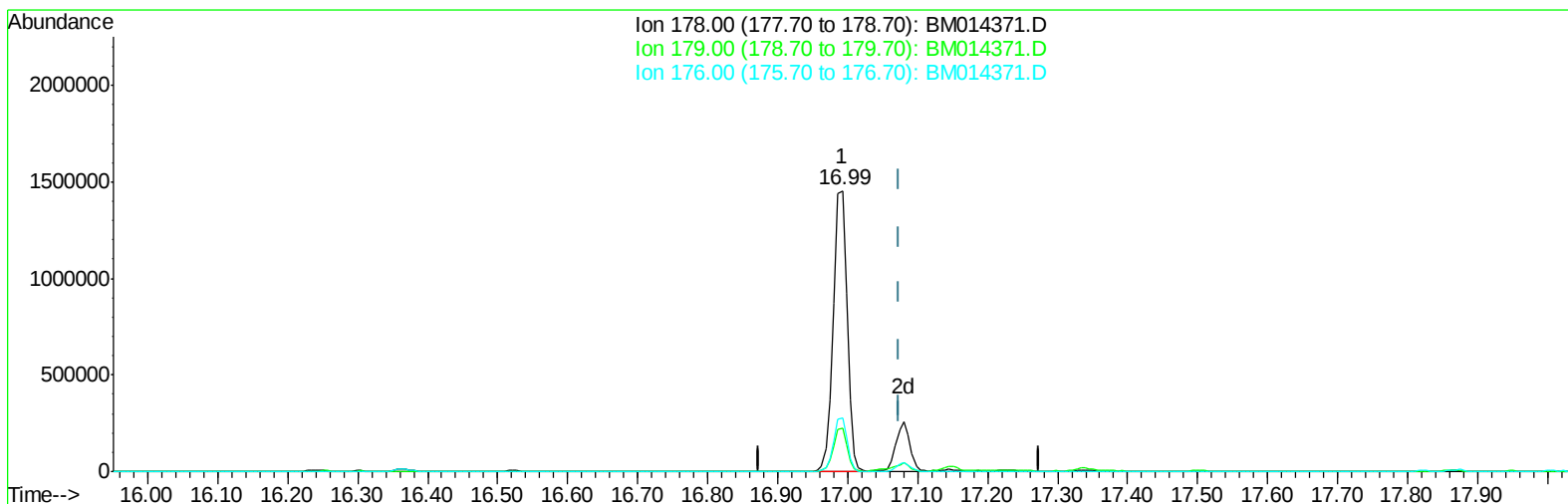
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Feb 27 06:32:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014371.D

(71) Anthracene

16.992min (-0.082) 44.52ng/ul

response 2000452

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.33
176.00	18.20	19.12
0.00	0.00	0.00

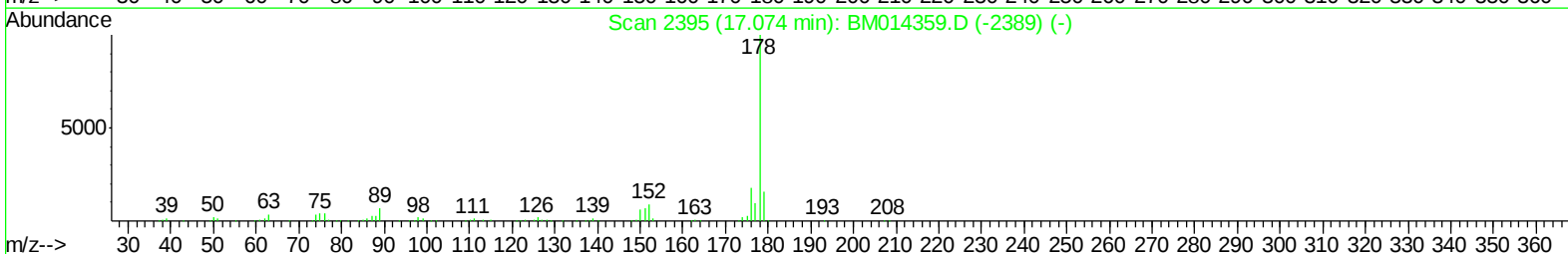
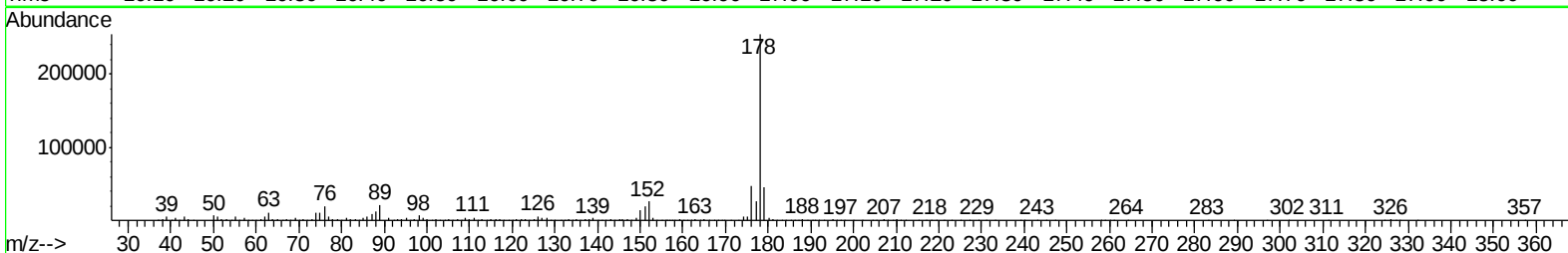
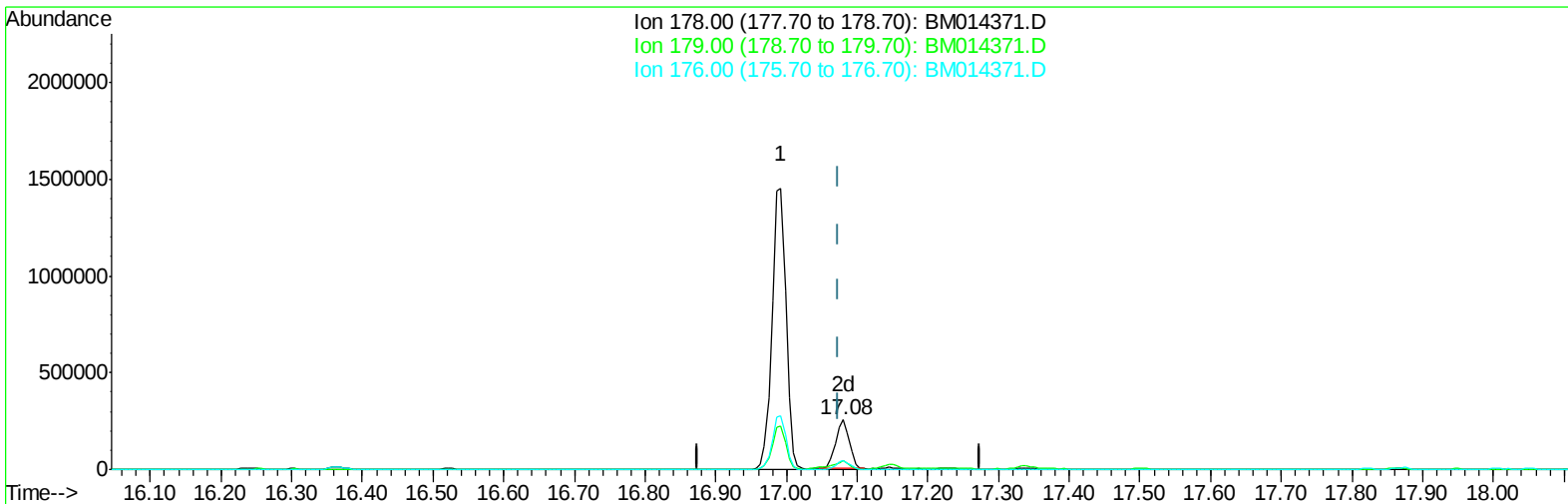
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Sohil
2/27/2018 4:58:45 PM

Quant Time: Feb 27 06:32:05 2018
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QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014371.D

(71) Anthracene

17.080min (+0.006) 7.62ng/ul m

response 342315

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	17.88#
176.00	18.20	18.64
0.00	0.00	0.00

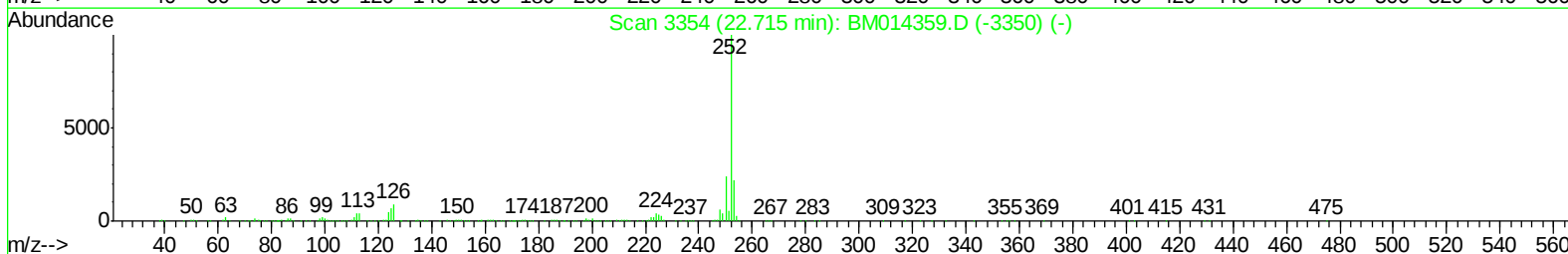
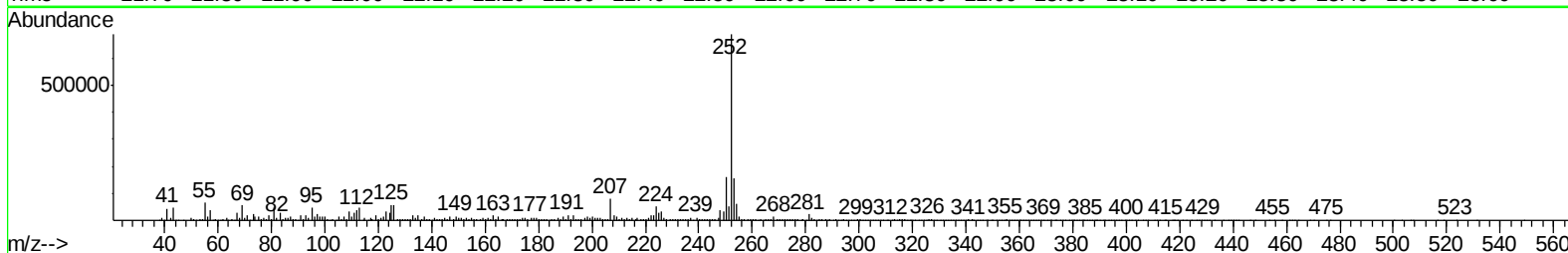
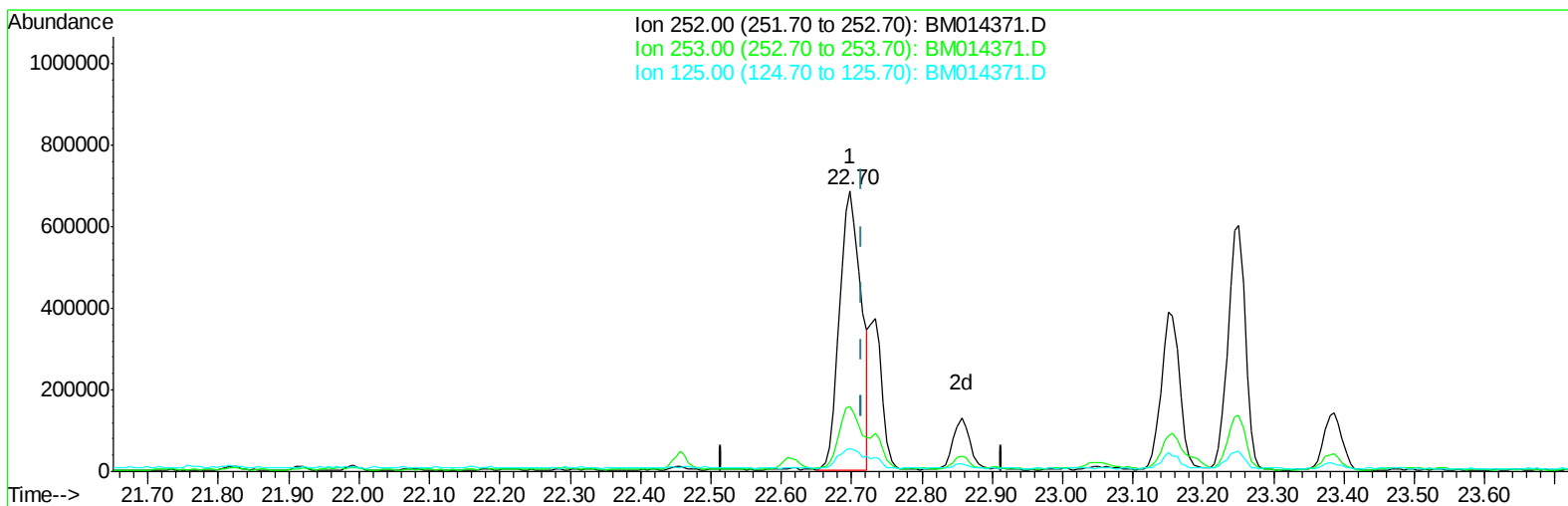
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014371.D
Acq On : 26 Feb 2018 23:59
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Sohil
2/27/2018 4:58:45 PM

Quant Time: Feb 27 06:32:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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TIC: BM014371.D

(86) Benzo(k)fluoranthene

22.698min (-0.017) 45.81ng/ul

response 1464865

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.99
125.00	4.30	8.32#
0.00	0.00	0.00

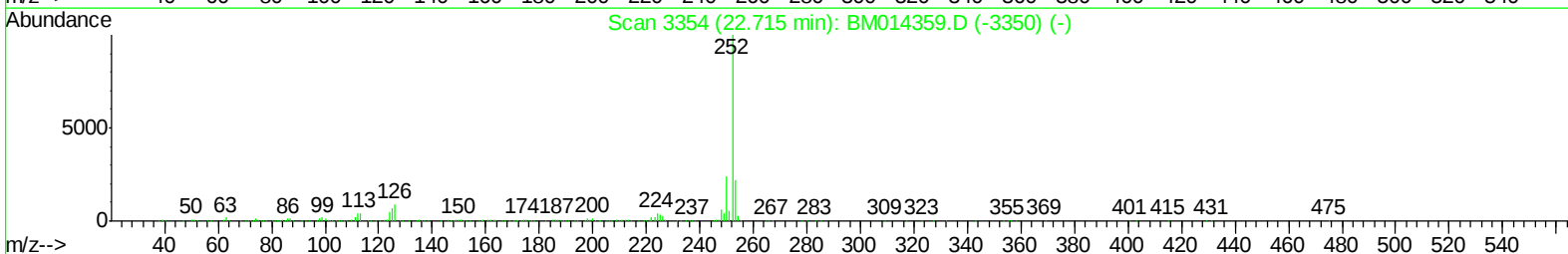
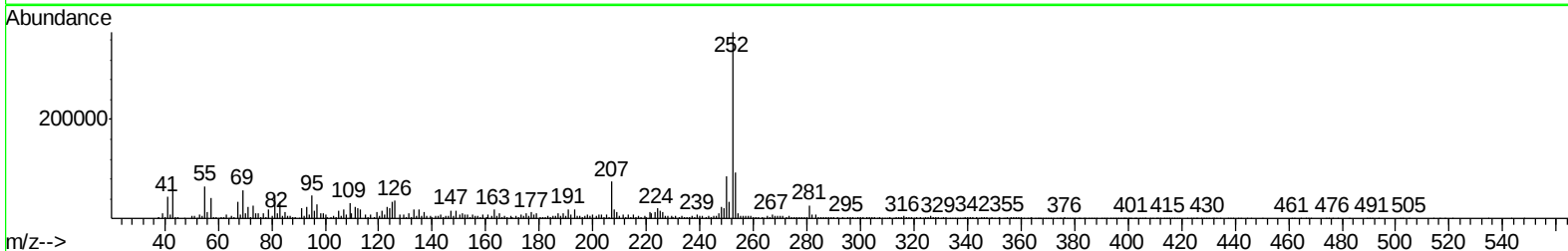
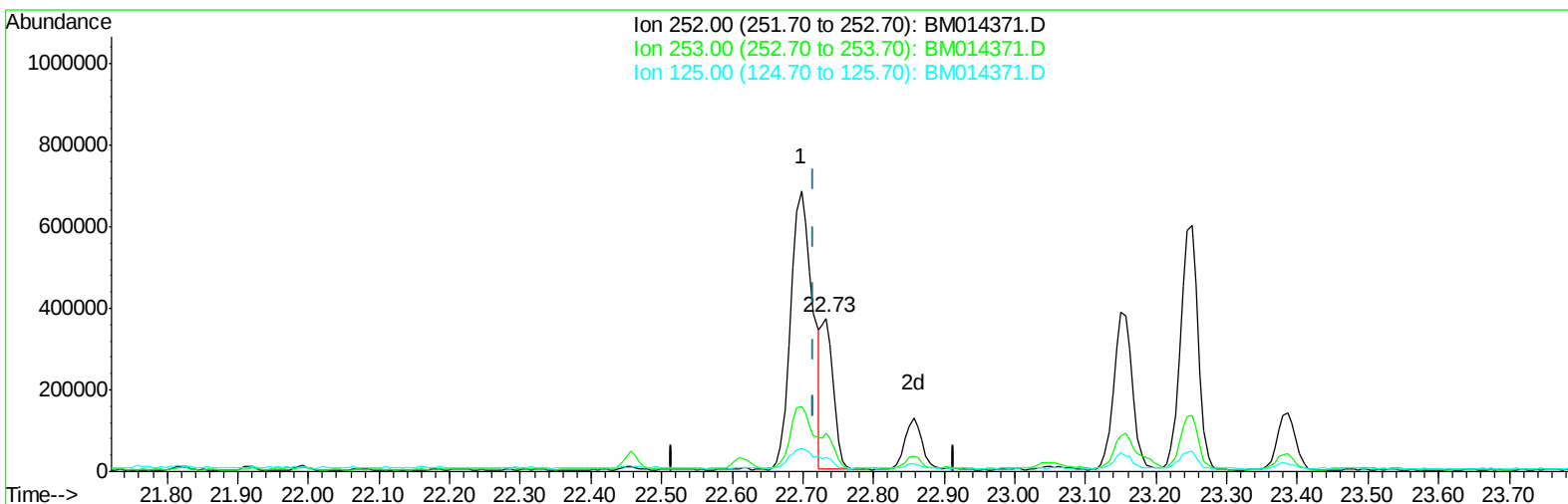
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Sample : J1631-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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2/27/2018 4:58:45 PM

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Response via : Initial Calibration



TIC: BM014371.D

(86) Benzo(k)fluoranthene

22.733min (+0.018) 14.26ng/ul m

response 456144

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.87
125.00	4.30	9.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014371.D
 Acq On : 26 Feb 2018 23:59
 Operator : SJ/JU
 Sample : J1631-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Sohil
 2/27/2018 4:58:45 PM

Quant Time: Feb 27 06:33:46 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	168071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	751413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	420451	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	775454	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	534957	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	502318	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	10560m	2.69	ng/uL	0.00
5) Phenol-d5	6.73	99	269847	19.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	166700	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	230138	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	219811	17.68	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	123301	22.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	133774	23.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	267394	22.46	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	187882	16.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	890425	25.64	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1100983	25.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	83697m	17.46	ng/ul	0.02
57) Fluorene-d10	15.19	176	726033	23.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	16563	3.56	ng/ul	0.02
70) Anthracene-d10	17.05	188	1002031	26.78	ng/ul	0.00
76) Pyrene-d10	19.36	212	853766	30.94	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.20	264	636254	26.03	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	6.70	77	5838	1.008	ng/ul#	80
6) Phenol	6.75	94	42413	2.845	ng/ul	96
14) Acetophenone	8.36	105	34189	1.594	ng/ul	87
28) Naphthalene	10.35	128	114282	2.961	ng/ul	99
30) 4-Chloroaniline	10.44	127	25543	2.136	ng/ul	89
34) 2-Methylnaphthalene	11.97	142	42152	1.435	ng/ul	91
44) Dimethylphthalate	13.66	163	386555	11.290	ng/ul#	98
47) Acenaphthylene	13.90	152	149706	3.699	ng/ul	97
49) Acenaphthene	14.25	153	63554	2.230	ng/ul	97
53) Dibenzofuran	14.59	168	78686	1.842	ng/ul	91
58) Fluorene	15.25	166	92410	2.505	ng/ul	95
69) Phenanthrene	16.99	178	2000452	44.774	ng/ul	99
71) Anthracene	17.08	178	342315m	7.618	ng/ul	
72) Carbazole	17.36	167	159059	4.210	ng/ul#	93
74) Fluoranthene	19.02	202	3043251	57.012	ng/ul#	93
77) Pyrene	19.39	202	2724283	76.629	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	1165844	34.919	ng/ul	95
82) Chrysene	21.20	228	1178090	37.825	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	1464865	43.553	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	456144m	14.264	ng/ul	
88) Benzo(a)pyrene	23.25	252	1039924	34.600	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	700738	24.027	ng/ul	98
90) Dibenz(a,h)anthracene	25.50	278	189575	7.823	ng/ul#	85

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2/27/2018 4:58:45 PM

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	26.17	276	520804	22.043	ng/ul#	97

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

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