

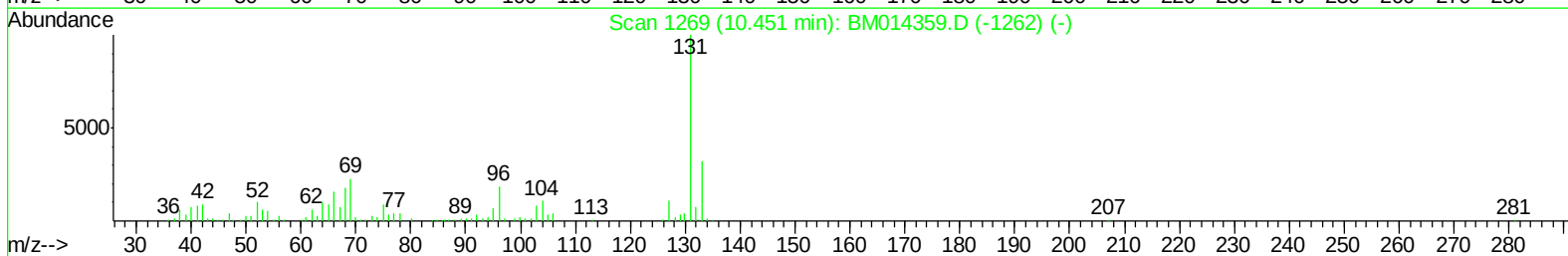
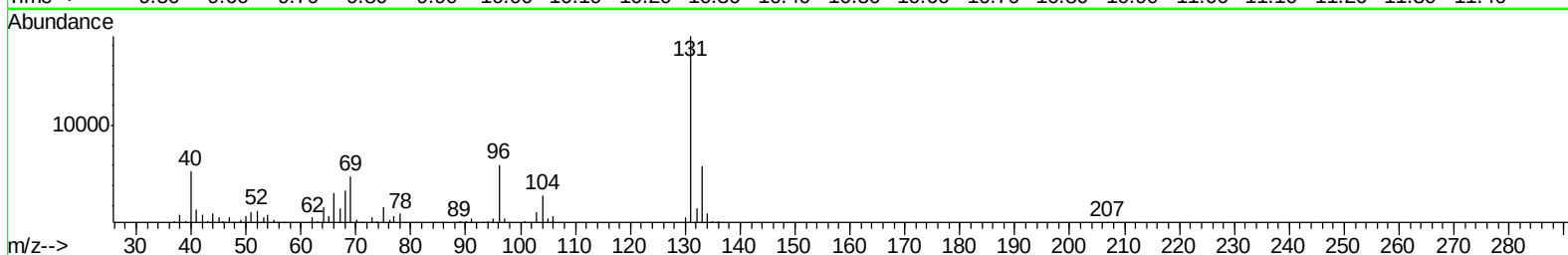
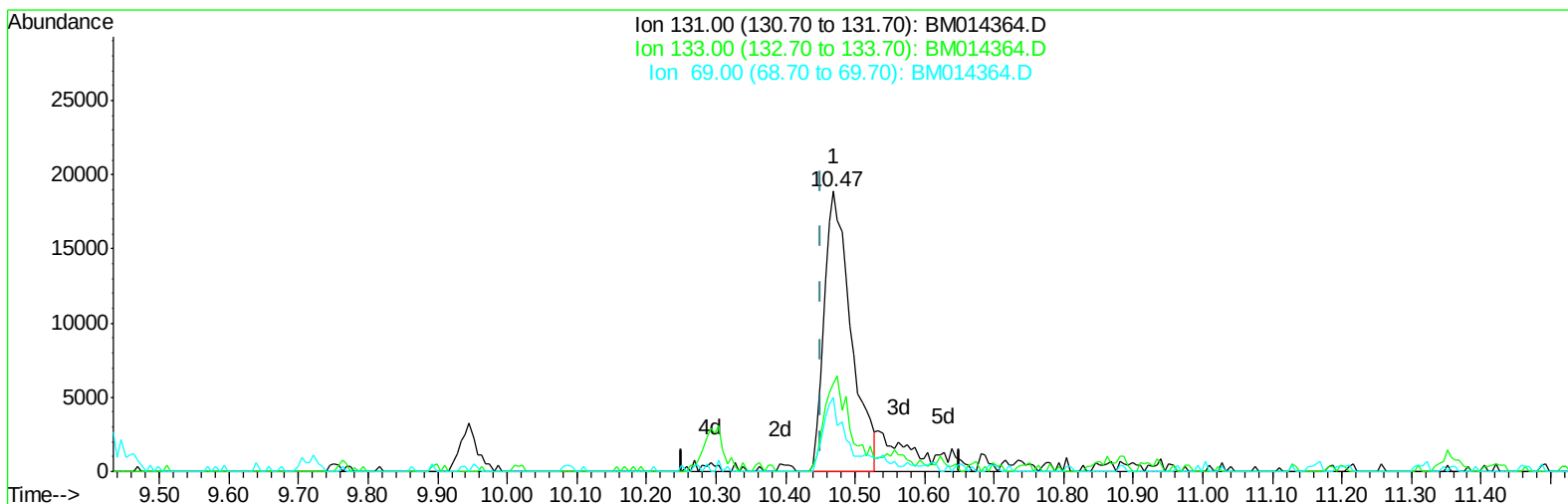
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:25 PM

Quant Time: Feb 27 03:24:11 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: BM014364.D

(29) 4-Chloroaniline-d4 (S)
10.469min (+0.018) 4.90ng/ul
response 50244

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	31.29
69.00	24.30	26.19
0.00	0.00	0.00

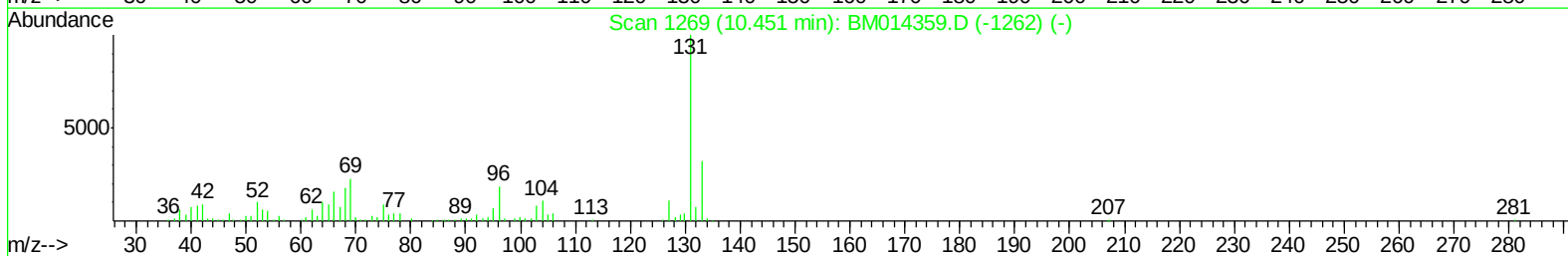
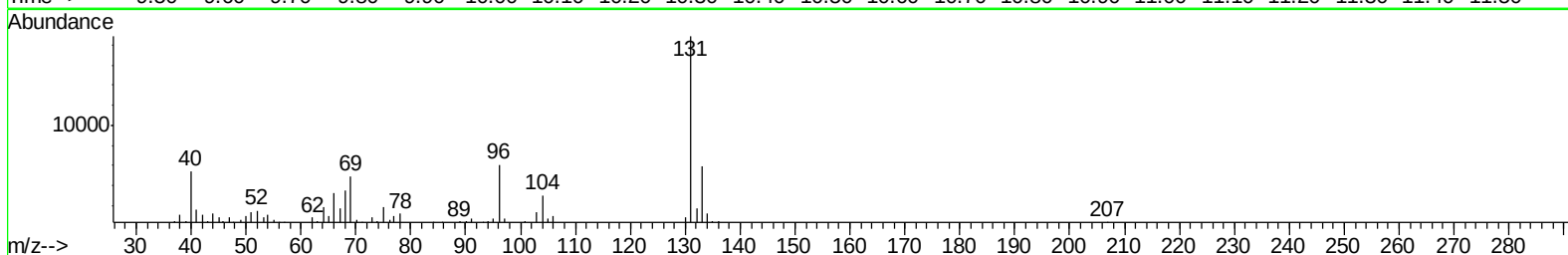
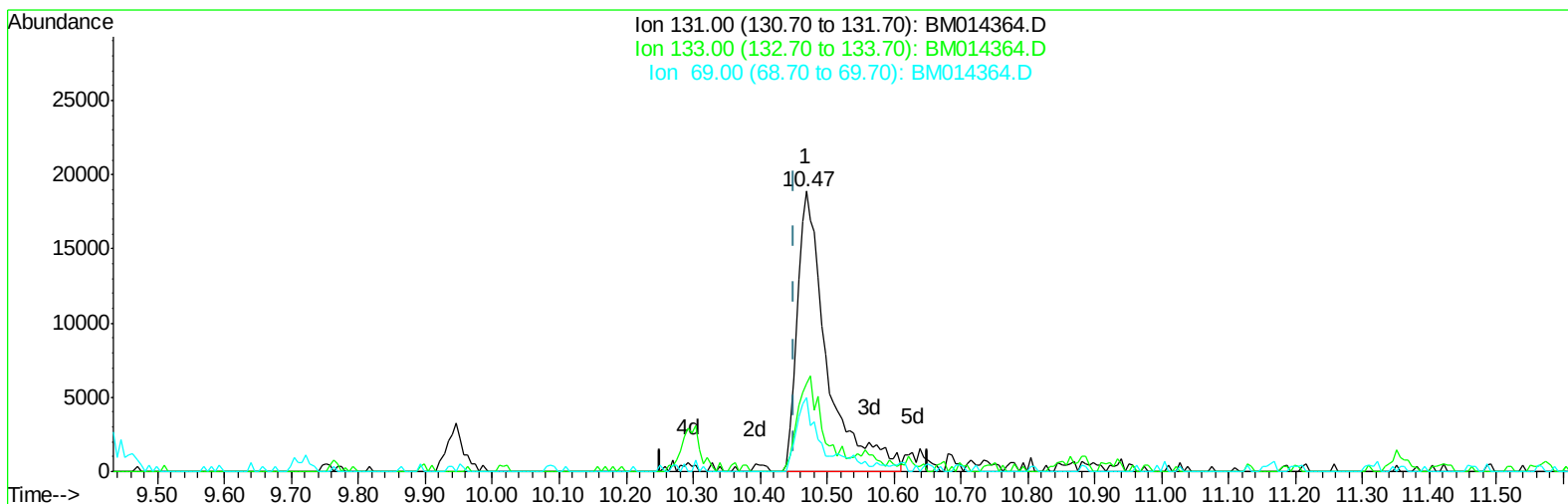
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Sohil
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Quant Title : SVOA CALIBRATION
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TIC: BM014364.D

(29) 4-Chloroaniline-d4 (S)

10.469min (+0.018) 5.67ng/ul m

response 58142

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	31.29
69.00	24.30	26.19
0.00	0.00	0.00

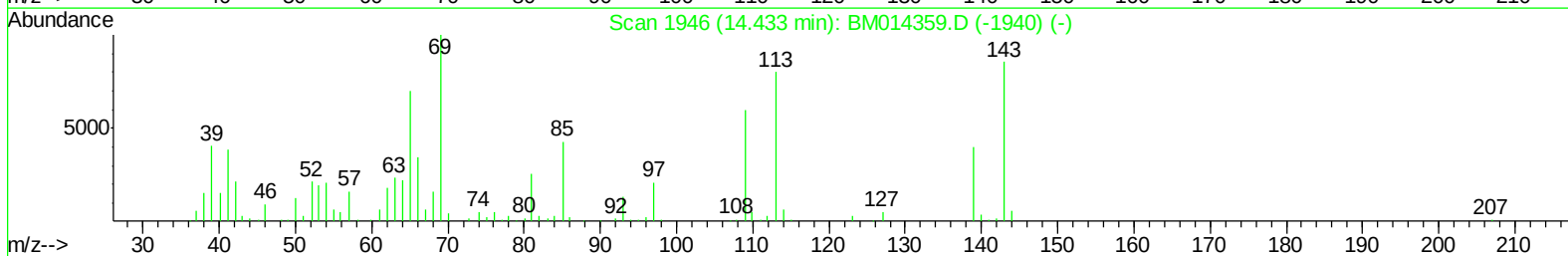
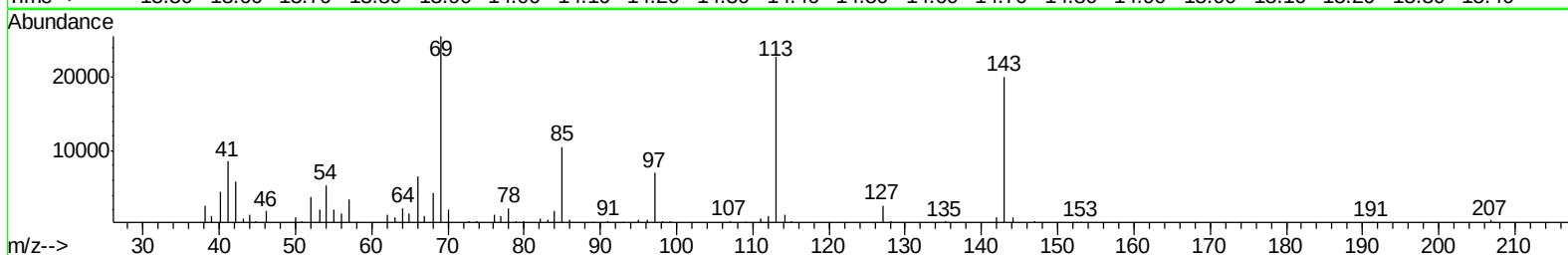
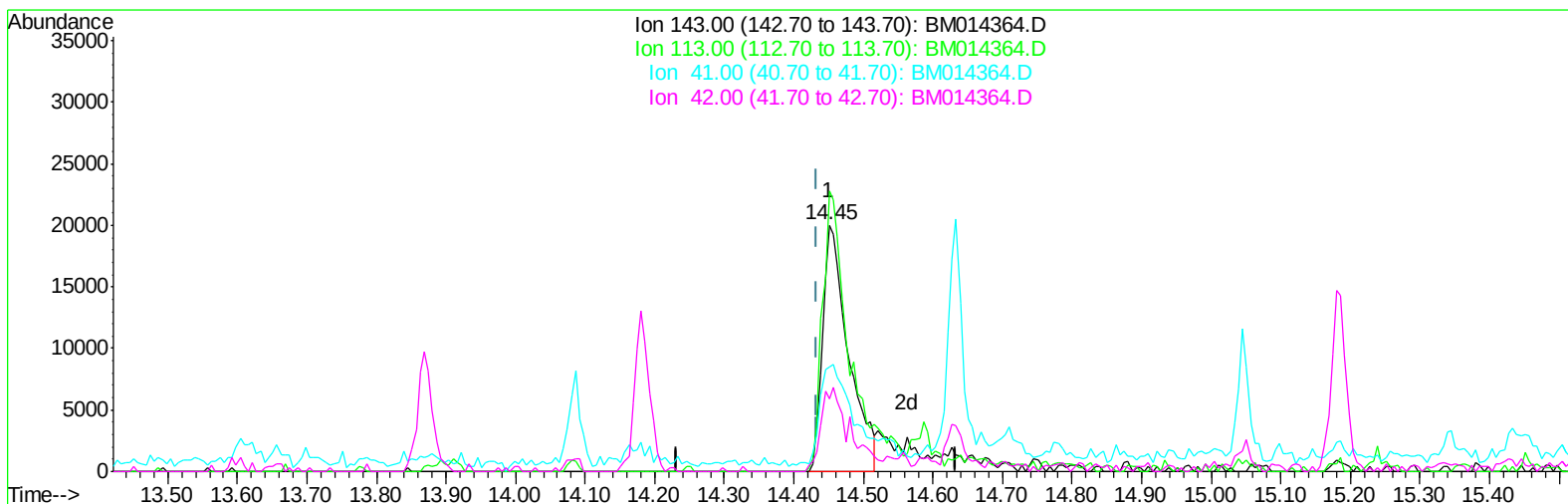
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Quant Time: Feb 27 04:25:43 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

Manual Integrations
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TIC: BM014364.D

(51) 4-Nitrophenol-d4 (S)
14.451min (+0.018) 12.11ng/ul
response 51396

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	113.92
41.00	34.80	42.67#
42.00	20.50	29.53#

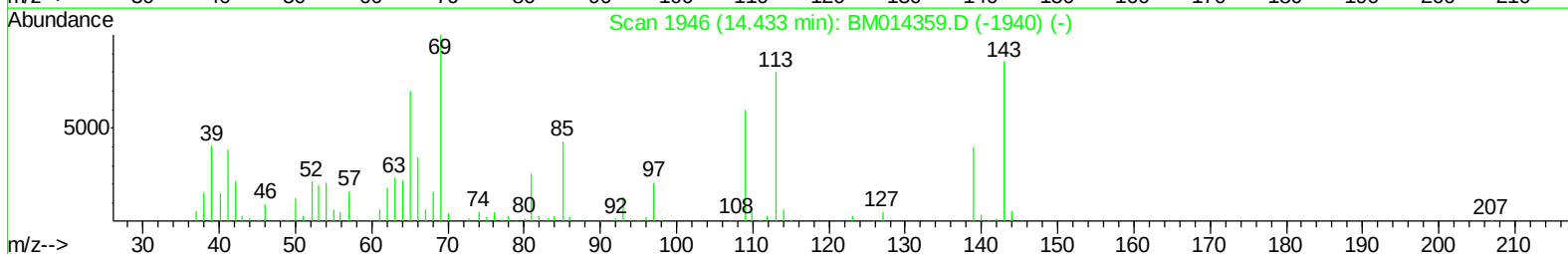
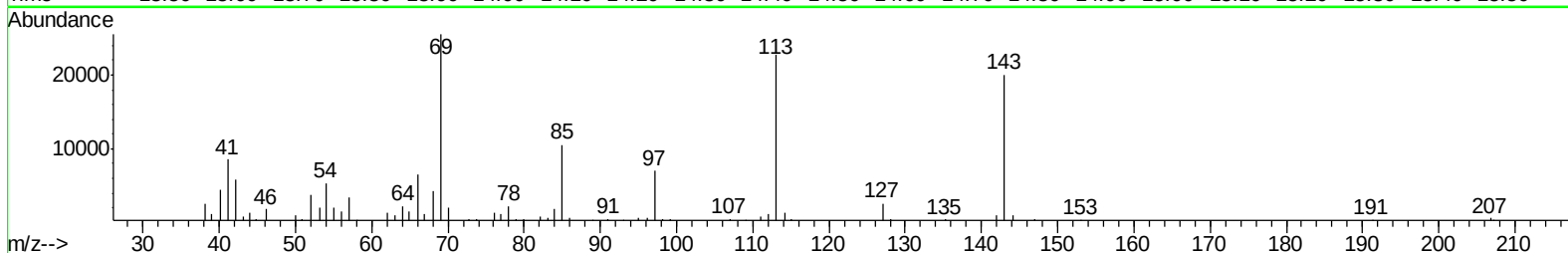
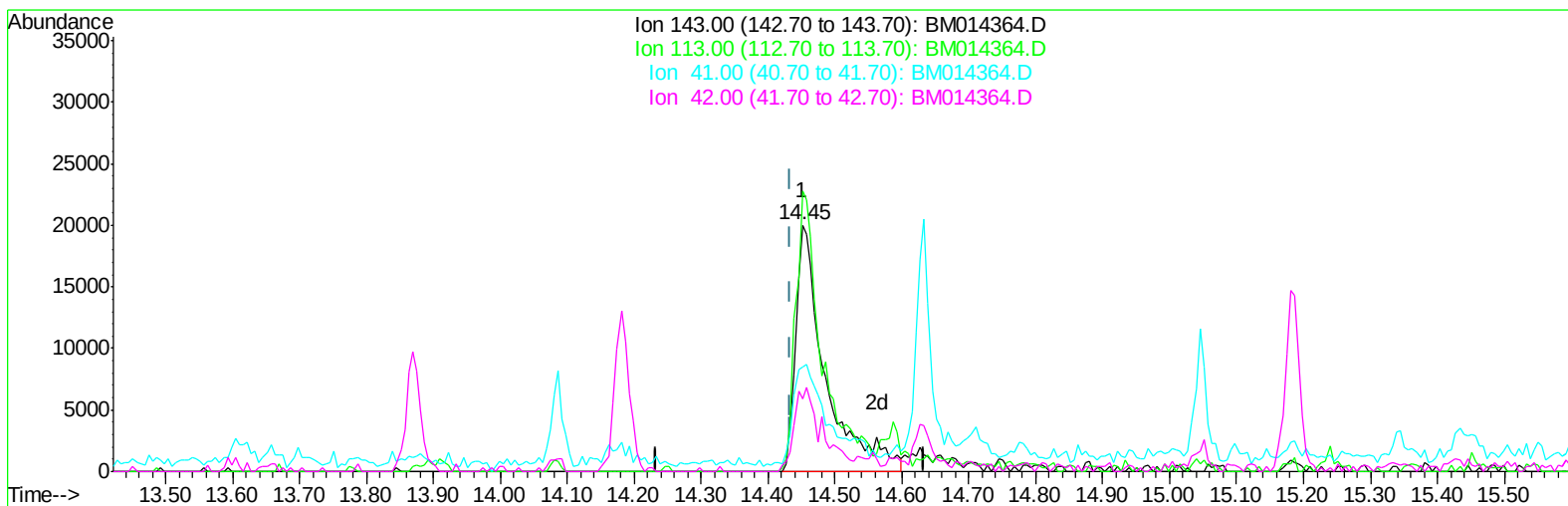
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Manual Integrations
APPROVED

Sohil
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Quant Time: Feb 27 04:25:43 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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TIC: BM014364.D

(51) 4-Nitrophenol-d4 (S)

14.451min (+0.018) 14.40ng/ul m

response 61098

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	113.92
41.00	34.80	42.67#
42.00	20.50	29.53#

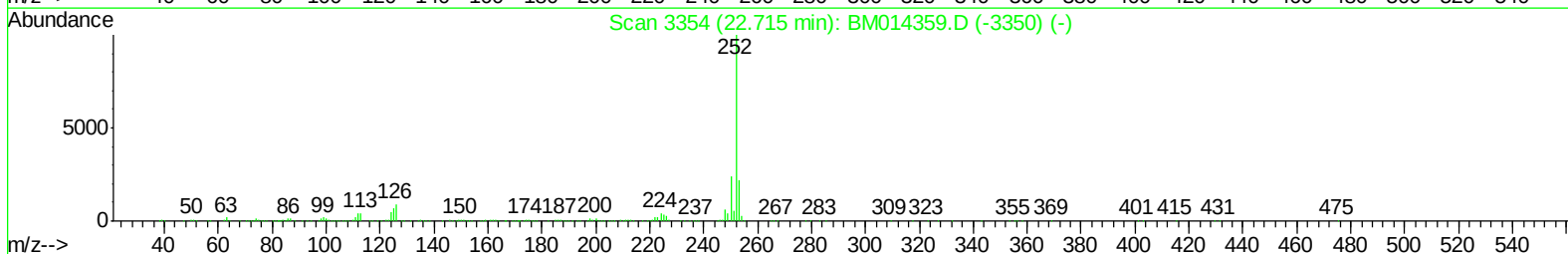
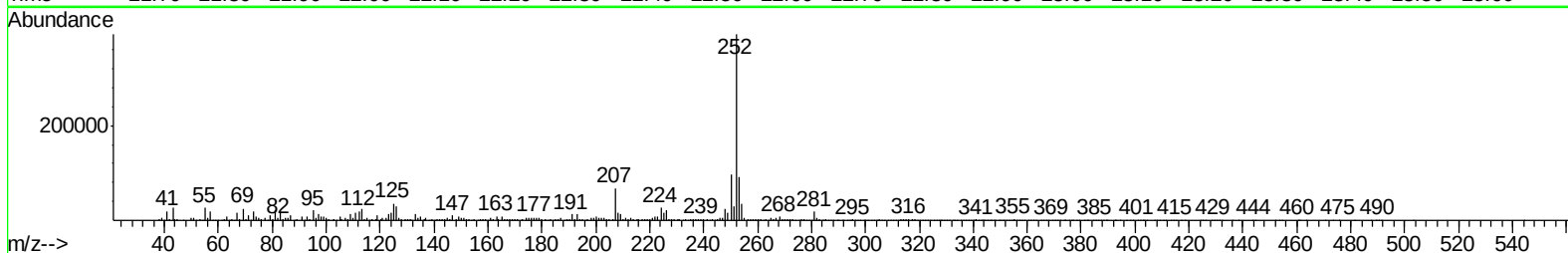
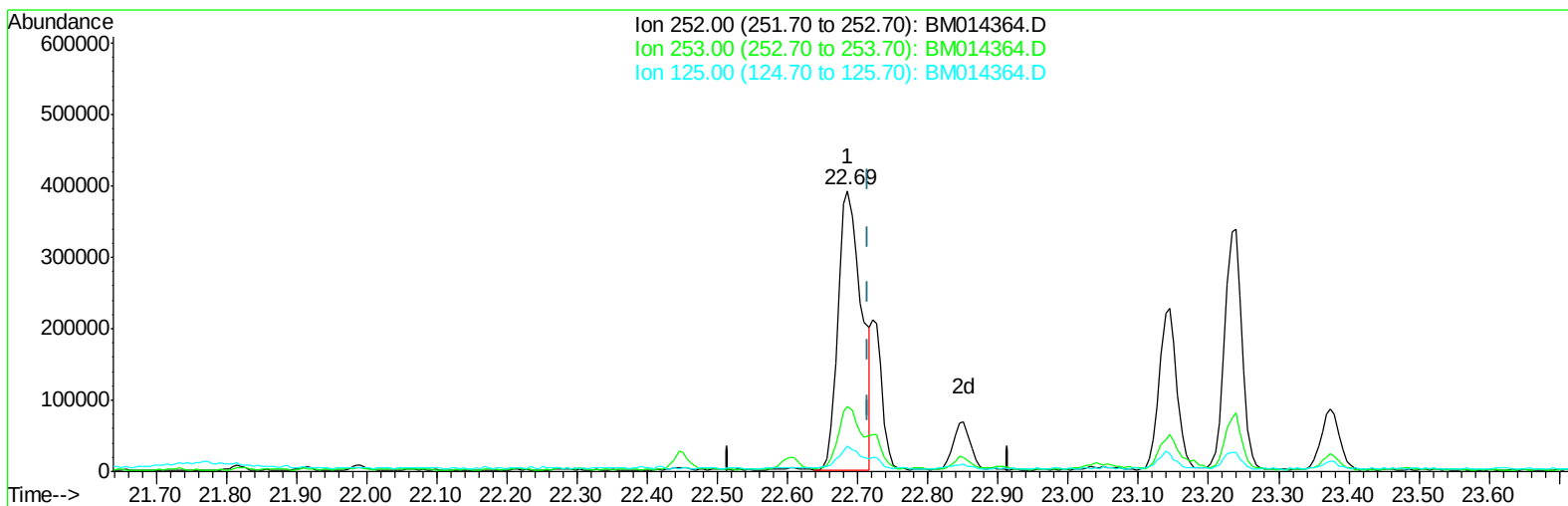
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:25 PM

Quant Time: Feb 27 04:26:31 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: BM014364.D

(86) Benzo(k)fluoranthene

22.686min (-0.029) 30.02ng/ul

response 902441

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.15
125.00	4.30	9.15#
0.00	0.00	0.00

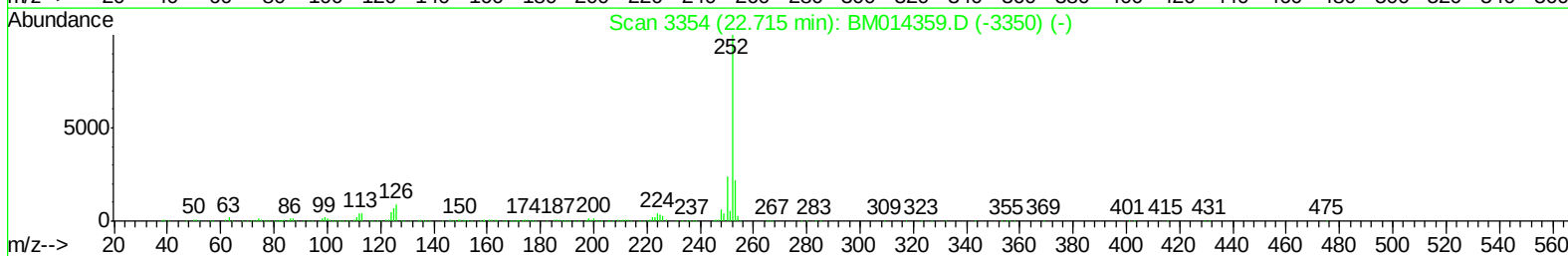
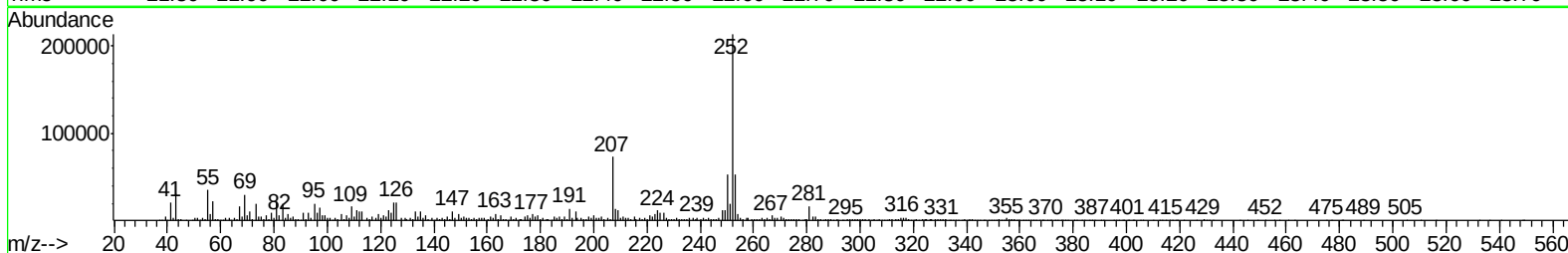
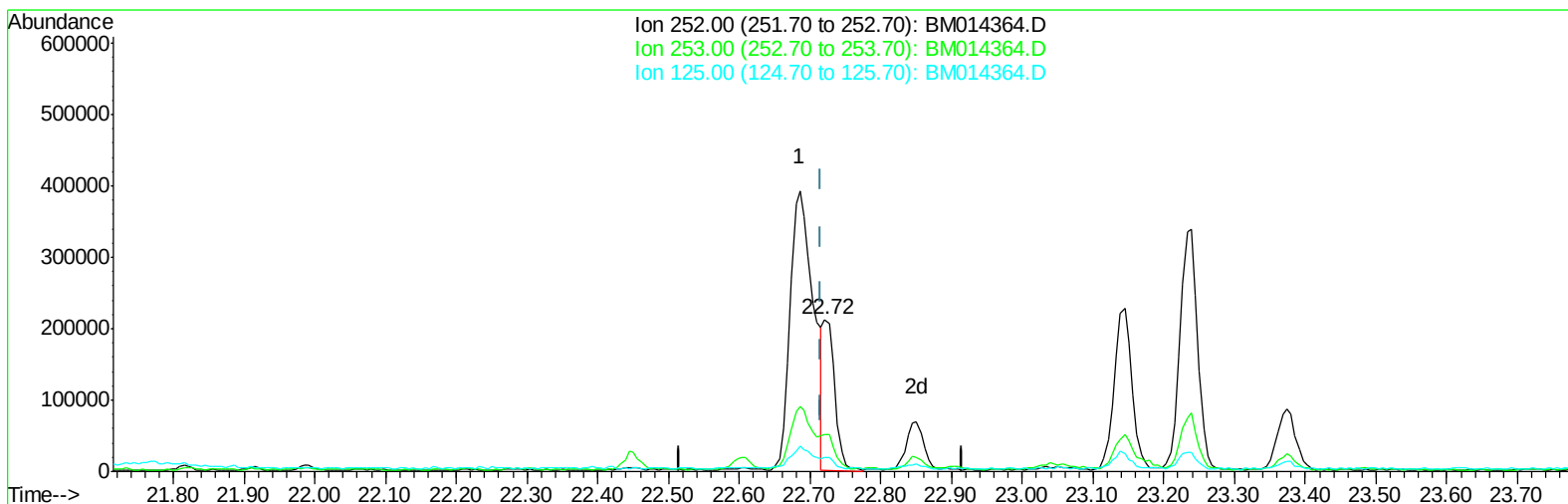
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Quant Time: Feb 27 04:26:31 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

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:25 PM



TIC: BM014364.D

(86) Benzo(k)fluoranthene

22.721min (+0.006) 7.94ng/ul m

response 238679

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.72
125.00	4.30	9.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014364.D
 Acq On : 26 Feb 2018 19:48
 Operator : SJ/JU
 Sample : J1631-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
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Quant Time: Feb 27 04:27:48 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	7.52	152	149364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	657357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	372188	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	746474	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	522093	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	472250	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	9762	2.80	ng/uL	0.00
5) Phenol-d5	6.73	99	193471	15.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	121740	15.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	161535	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	154002	13.94	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	84482	17.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	94251	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	174028	16.71	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	58142m	5.67	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	626241	20.38	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	739865	19.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	61098m	14.40	ng/ul	0.02
57) Fluorene-d10	15.19	176	521295	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	26290	5.87	ng/ul	0.01
70) Anthracene-d10	17.04	188	754826	20.96	ng/ul	0.00
76) Pyrene-d10	19.35	212	702917	26.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	480608	20.91	ng/ul	0.01

Target Compounds

					Ovalue	
4) Benzaldehyde	6.69	77	18252	3.546	ng/ul	93
6) Phenol	6.76	94	40276	3.040	ng/ul	97
14) Acetophenone	8.36	105	103444	5.428	ng/ul	93
28) Naphthalene	10.35	128	48111	1.425	ng/ul	98
44) Dimethylphthalate	13.65	163	143189	4.724	ng/ul	99
47) Acenaphthylene	13.90	152	68624	1.916	ng/ul#	93
49) Acenaphthene	14.25	153	34198	1.356	ng/ul	93
58) Fluorene	15.24	166	48995	1.501	ng/ul#	96
69) Phenanthrene	16.99	178	1106101	25.718	ng/ul	99
71) Anthracene	17.07	178	213397	4.934	ng/ul	97
72) Carbazole	17.36	167	83229	2.288	ng/ul	95
74) Fluoranthene	19.02	202	1864535	36.286	ng/ul#	93
77) Pyrene	19.38	202	1582969	45.623	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	745227	22.871	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	230278	11.208	ng/ul#	98
82) Chrysene	21.19	228	656891	21.611	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	902441	28.539	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	238679m	7.939	ng/ul	
88) Benzo(a)pyrene	23.24	252	581999	20.597	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	408238	14.889	ng/ul	98
90) Dibenzo(a,h)anthracene	25.48	278	105651	4.637	ng/ul#	74
91) Benzo(a,h,i)perylene	26.15	276	319771	14.396	ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

