

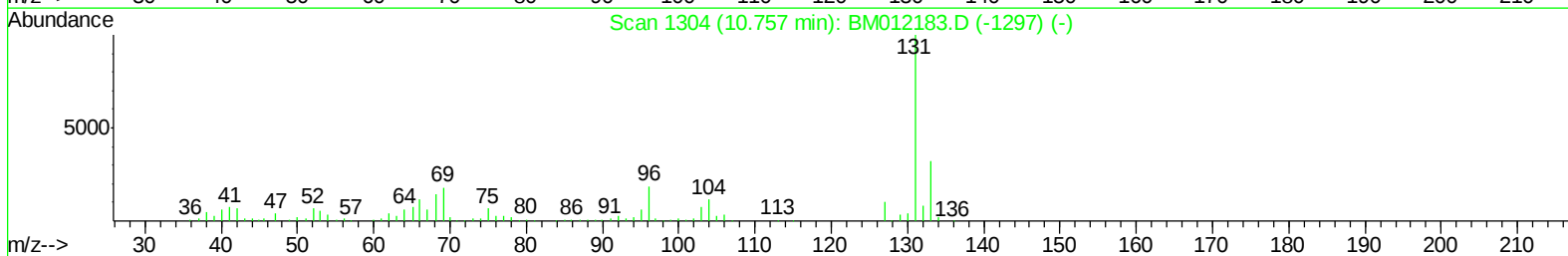
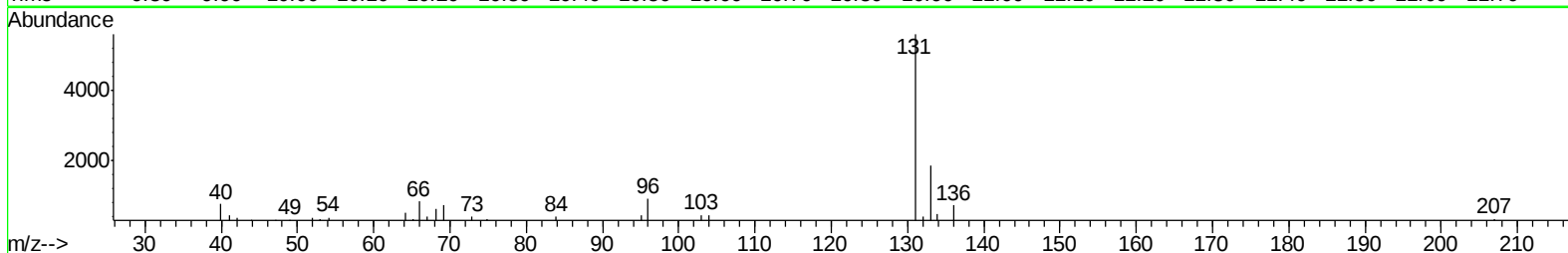
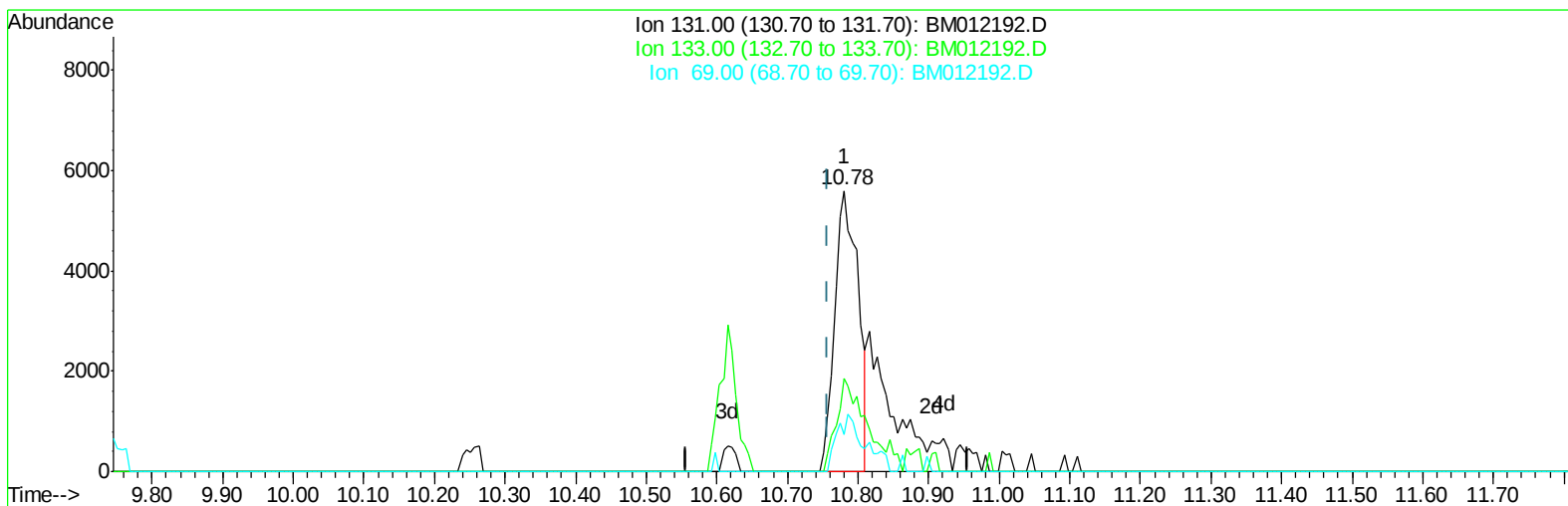
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012192.D
Acq On : 15 Oct 2017 04:20
Operator : SJ/JU
Sample : I5548-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:29 PM

Quant Time: Oct 15 06:29:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 06:19:21 2017
Response via : Initial Calibration



TIC: BM012192.D

(29) 4-Chloroaniline-d4 (S)
10.780min (+0.023) 1.28ng/ul
response 13032

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	33.24
69.00	24.30	13.17#
0.00	0.00	0.00

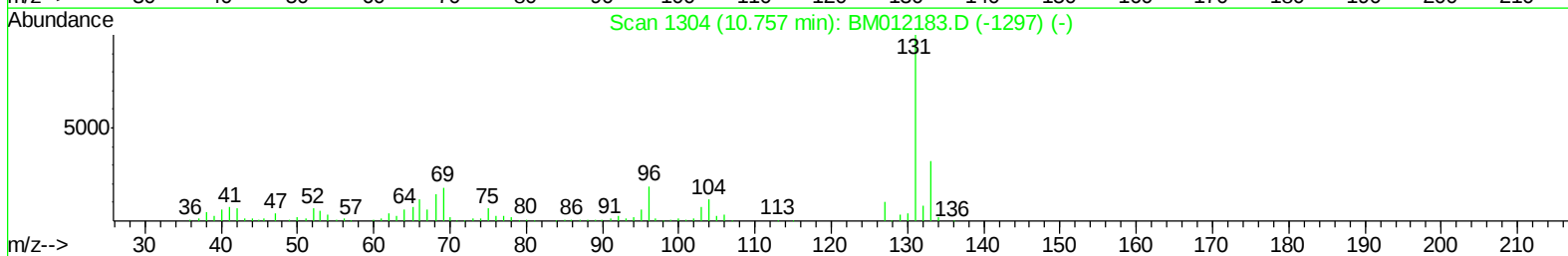
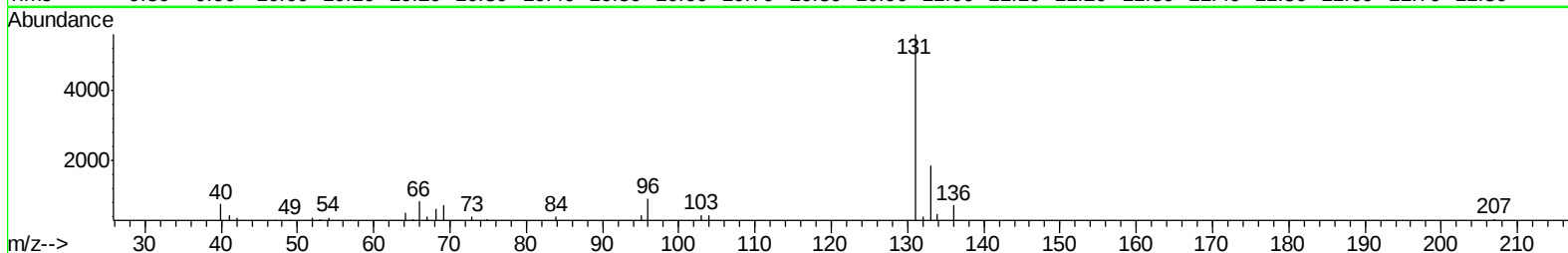
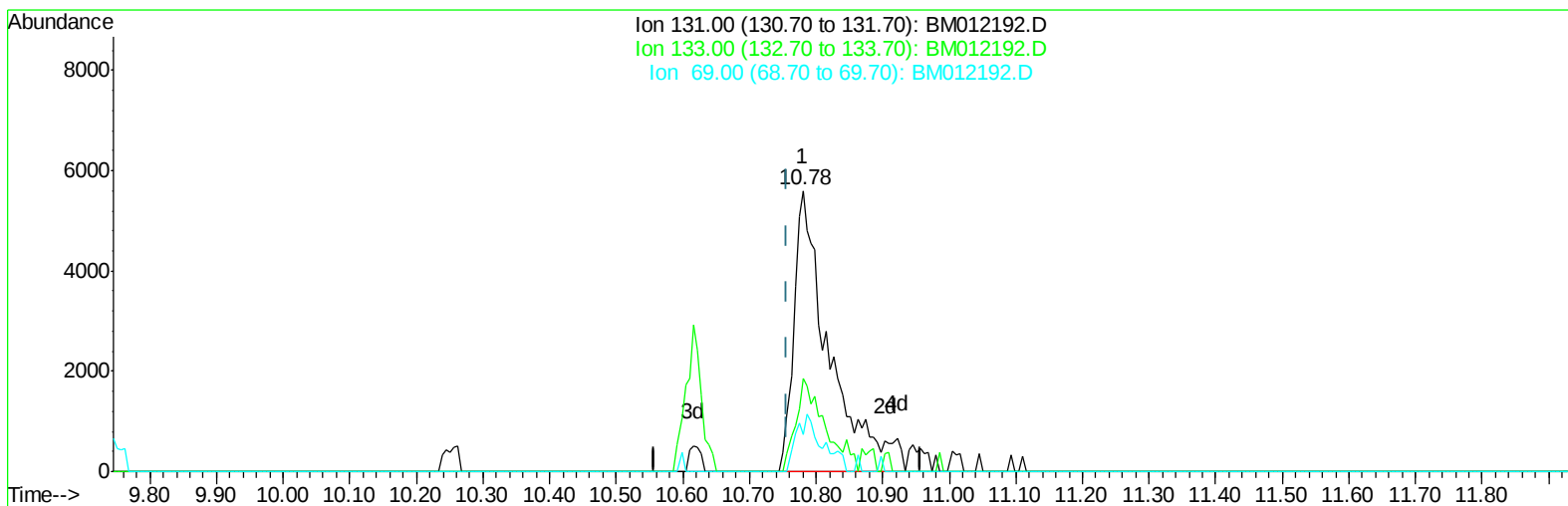
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
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Acq On : 15 Oct 2017 04:20
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Sample : I5548-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM012192.D

(29) 4-Chloroaniline-d4 (S)

10.780min (+0.023) 2.03ng/ul m

response 20640

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	33.24
69.00	24.30	13.17#
0.00	0.00	0.00

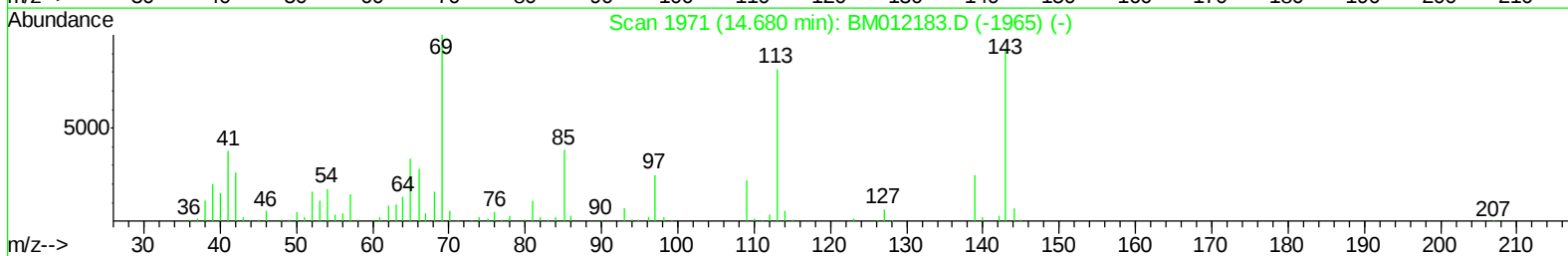
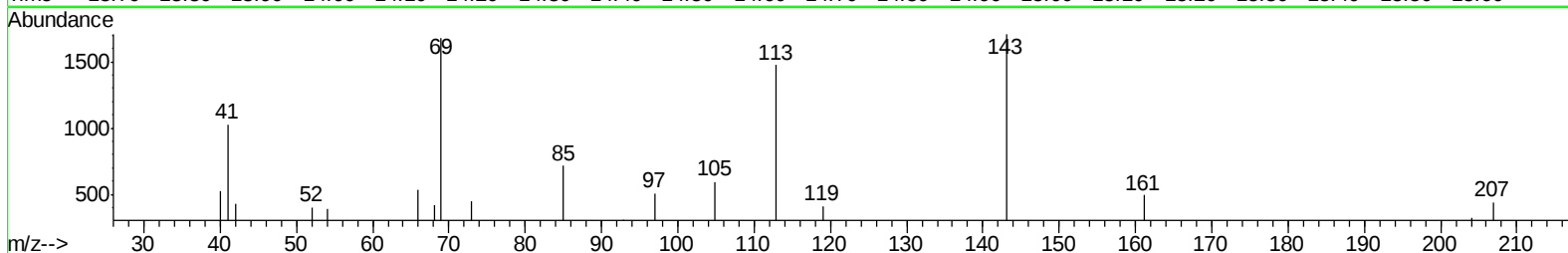
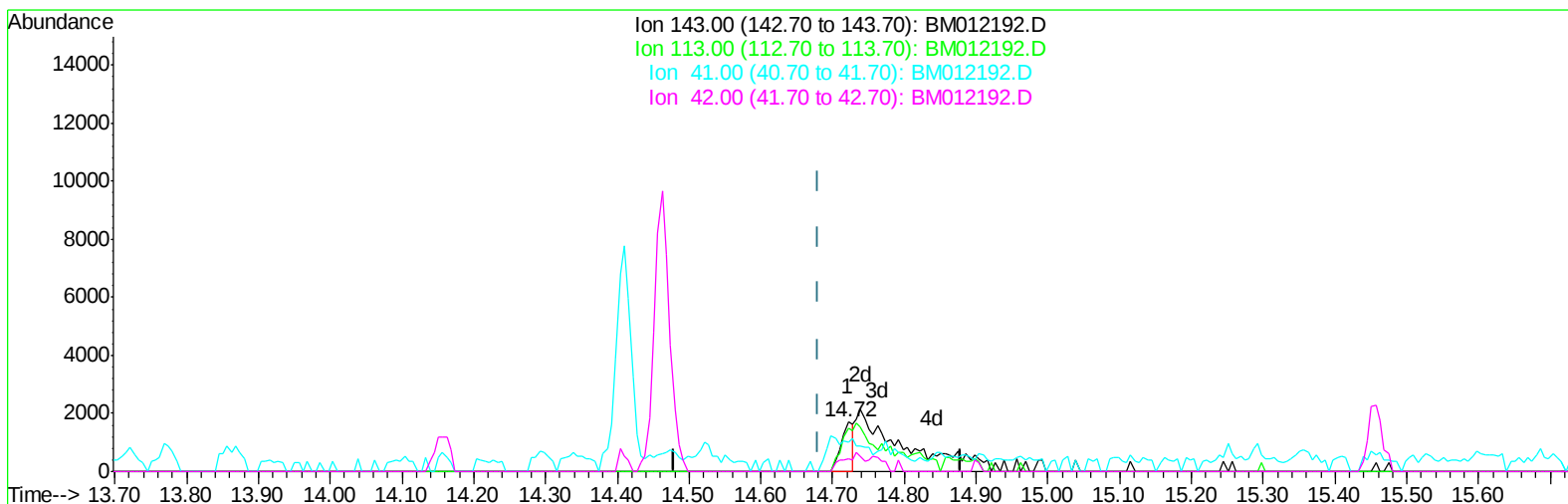
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012192.D
Acq On : 15 Oct 2017 04:20
Operator : SJ/JU
Sample : I5548-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:29 PM

Quant Time: Oct 15 07:12:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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TIC: BM012192.D

(51) 4-Nitrophenol-d4 (S)

14.721min (+0.041) 0.36ng/ul

response 2030

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	86.42#
41.00	34.80	60.07#
42.00	20.50	25.29#

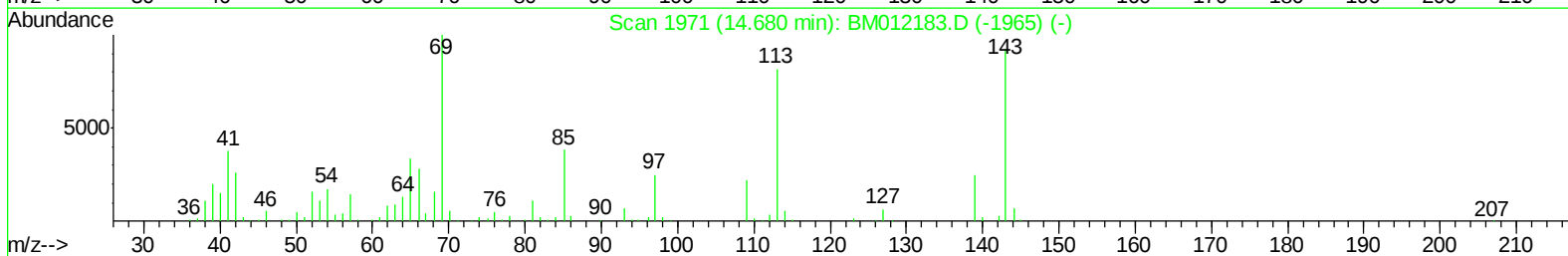
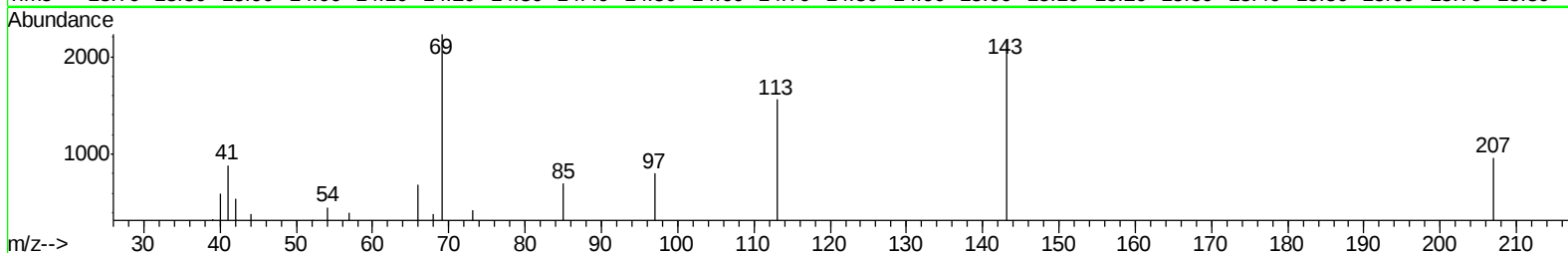
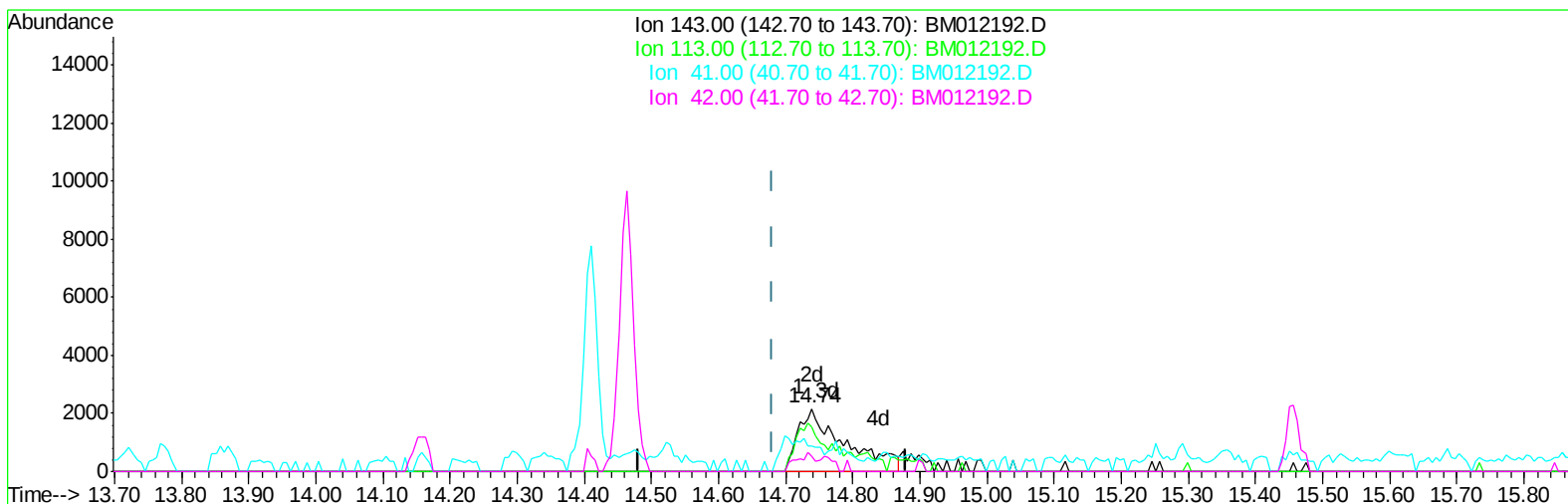
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012192.D
Acq On : 15 Oct 2017 04:20
Operator : SJ/JU
Sample : I5548-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM012192.D

(51) 4-Nitrophenol-d4 (S)

14.739min (+0.059) 1.87ng/ul m

response 10452

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	72.36#
41.00	34.80	40.96
42.00	20.50	25.42#

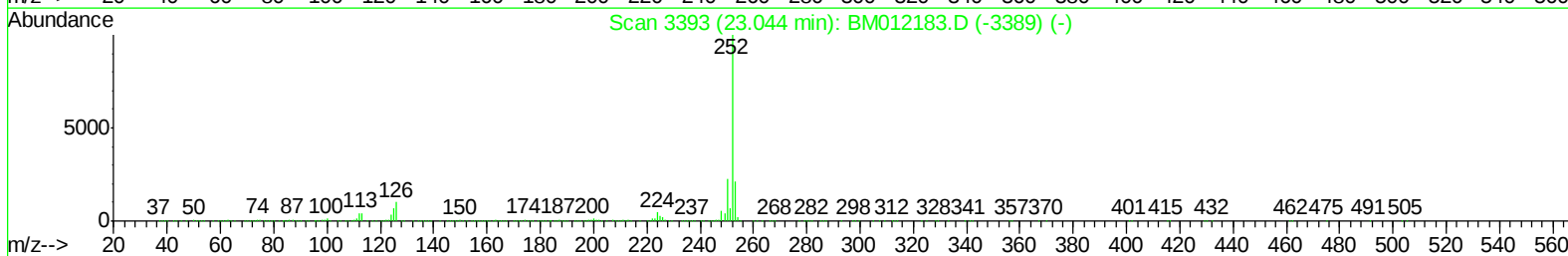
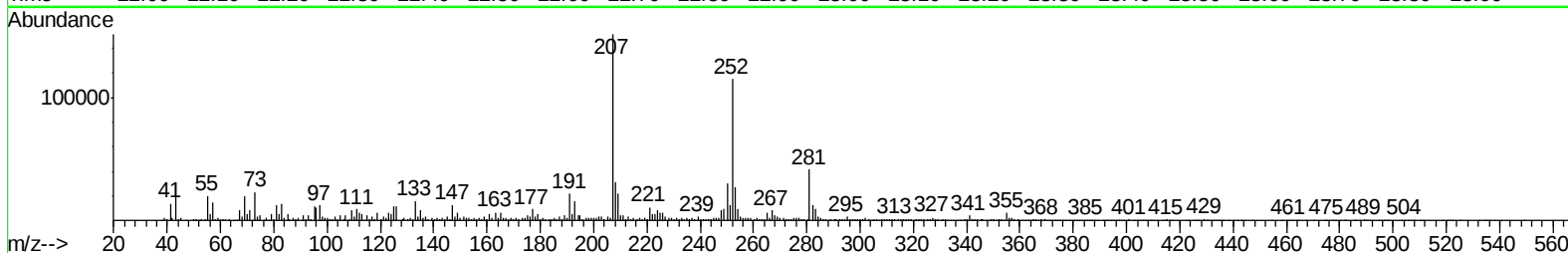
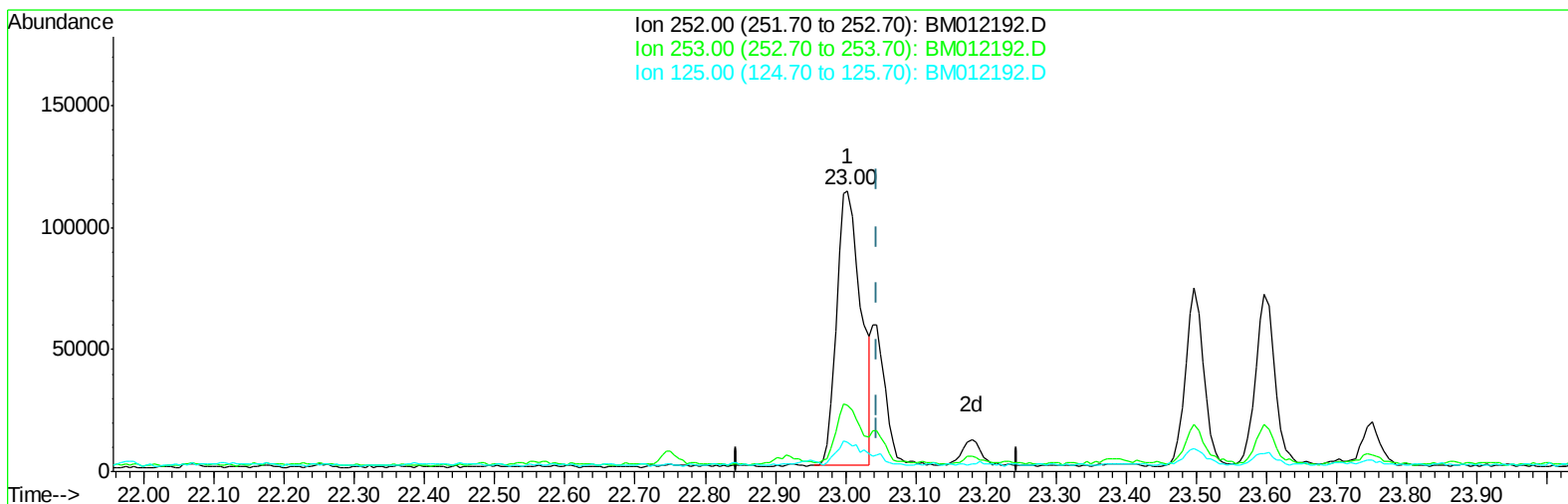
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Oct 15 07:17:16 2017
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Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:29 PM



TIC: BM012192.D

(86) Benzo(k)fluoranthene

23.003min (-0.041) 5.01ng/ul

response 269480

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.79
125.00	4.30	10.44#
0.00	0.00	0.00

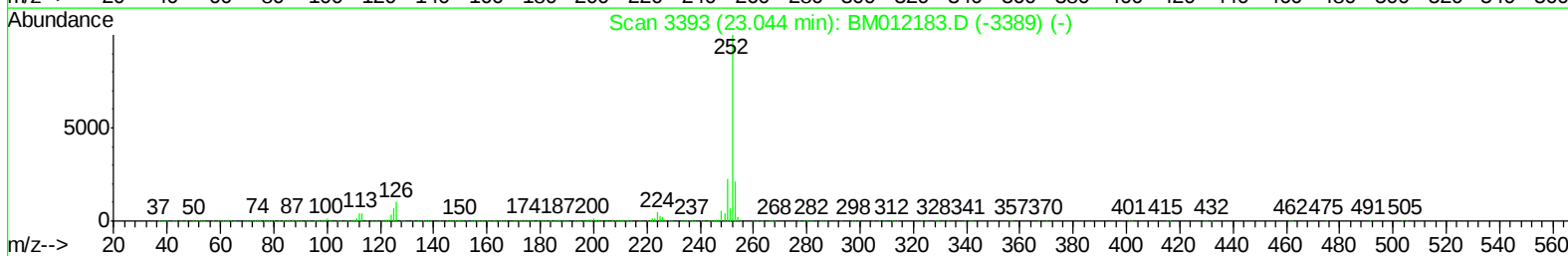
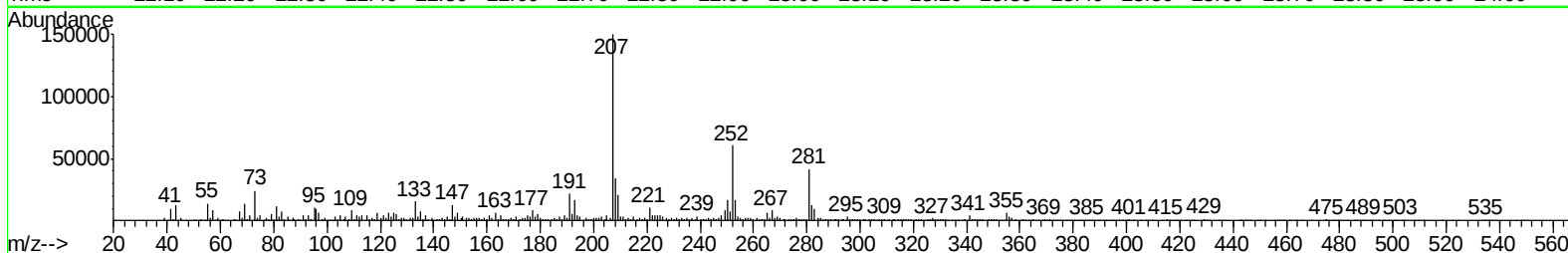
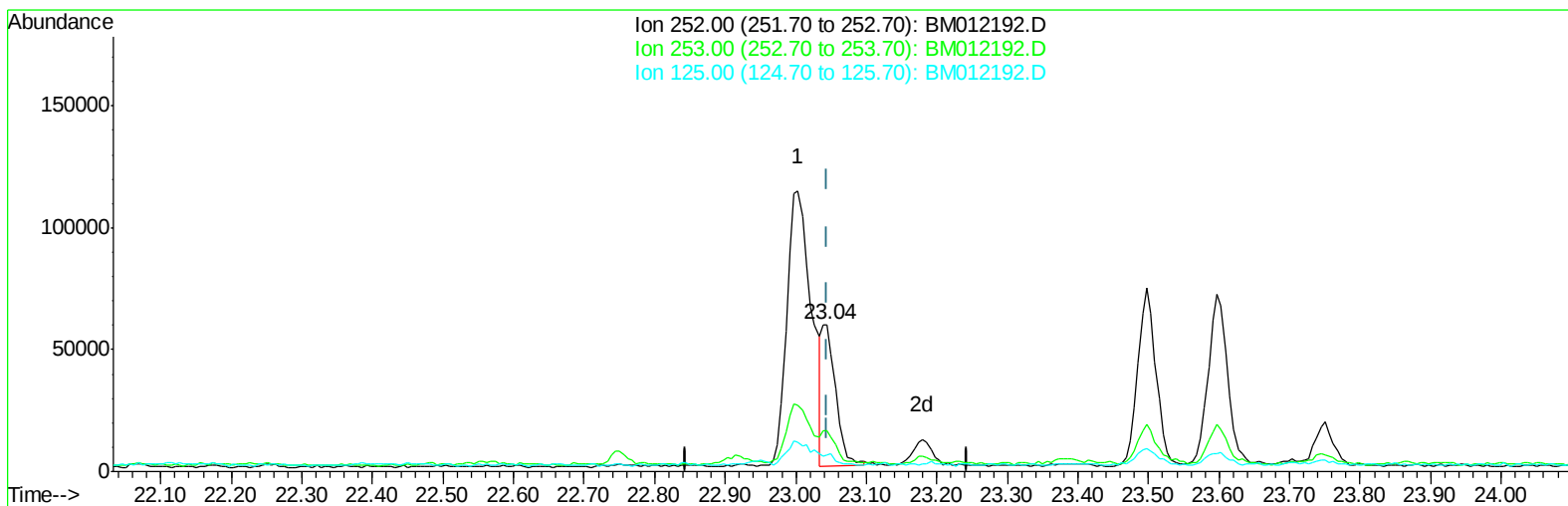
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Operator : SJ/JU
Sample : I5548-13 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM012192.D

(86) Benzo(k)fluoranthene

23.044min (-0.000) 1.52ng/ul m

response 81728

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	27.87#
125.00	4.30	11.32#
0.00	0.00	0.00

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Manual Integrations
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Sohil
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Quant Time: Oct 15 07:18:19 2017
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 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	145426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	637948	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	419921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1051480	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	988992	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	856099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1728	0.56	ng/uL	0.00
5) Phenol-d5	6.99	99	35296	2.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	22721	3.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	35614	3.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	30566	3.01	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	17304	3.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	18986	3.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	36968	3.40	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	20640m	2.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	147058	3.96	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	173302	3.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	10452m	1.87	ng/ul	0.06
57) Fluorene-d10	15.46	176	130885	4.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	5198	0.72	ng/ul	0.02
70) Anthracene-d10	17.31	188	214554	4.13	ng/ul	0.00
76) Pyrene-d10	19.60	212	238632	4.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	166372	4.03	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	13.92	163	63400	1.71	ng/ul	98
74) Fluoranthene	19.27	202	247485	3.43	ng/ul#	94
77) Pyrene	19.63	202	211641	3.24	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	99902	1.55	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	173304	3.97	ng/ul	98
82) Chrysene	21.43	228	182414	3.02	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	269480	4.82	ng/ul#	95
86) Benzo(k)fluoranthene	23.04	252	81728m	1.52	ng/ul	
88) Benzo(a)pyrene	23.60	252	131451	2.50	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.06	276	121980	2.18	ng/ul#	93
91) Benzo(g,h,i)perylene	26.79	276	108903	2.38	ng/ul#	92

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

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