

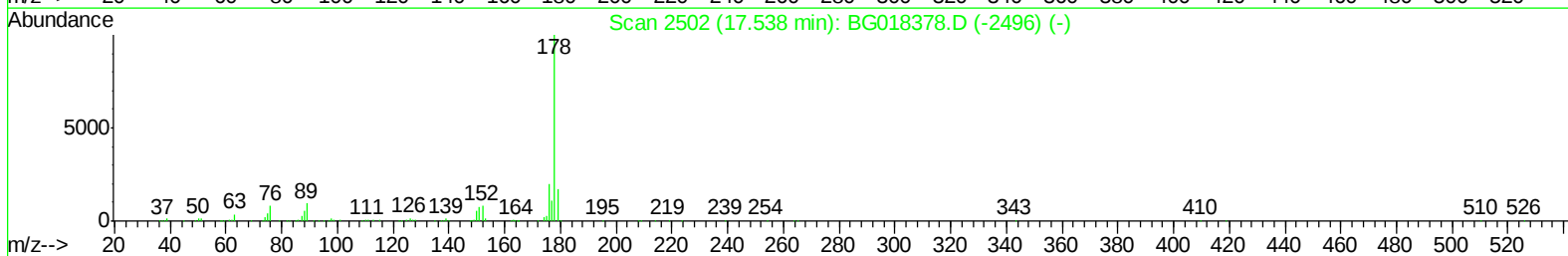
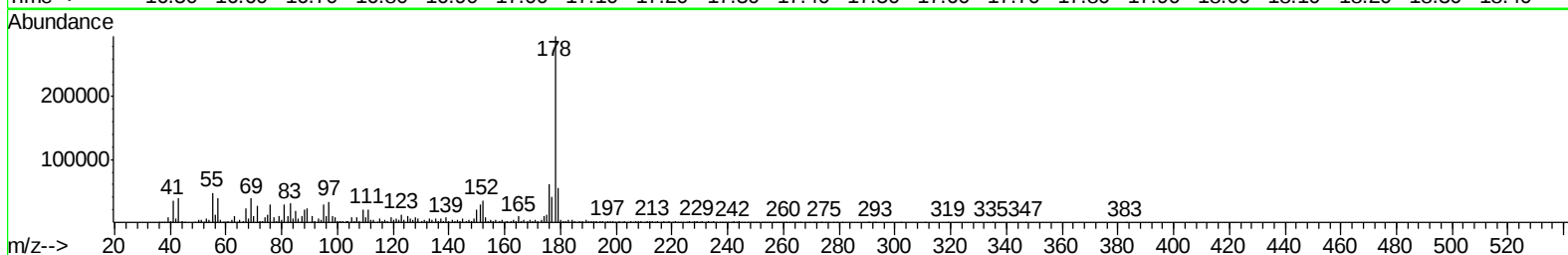
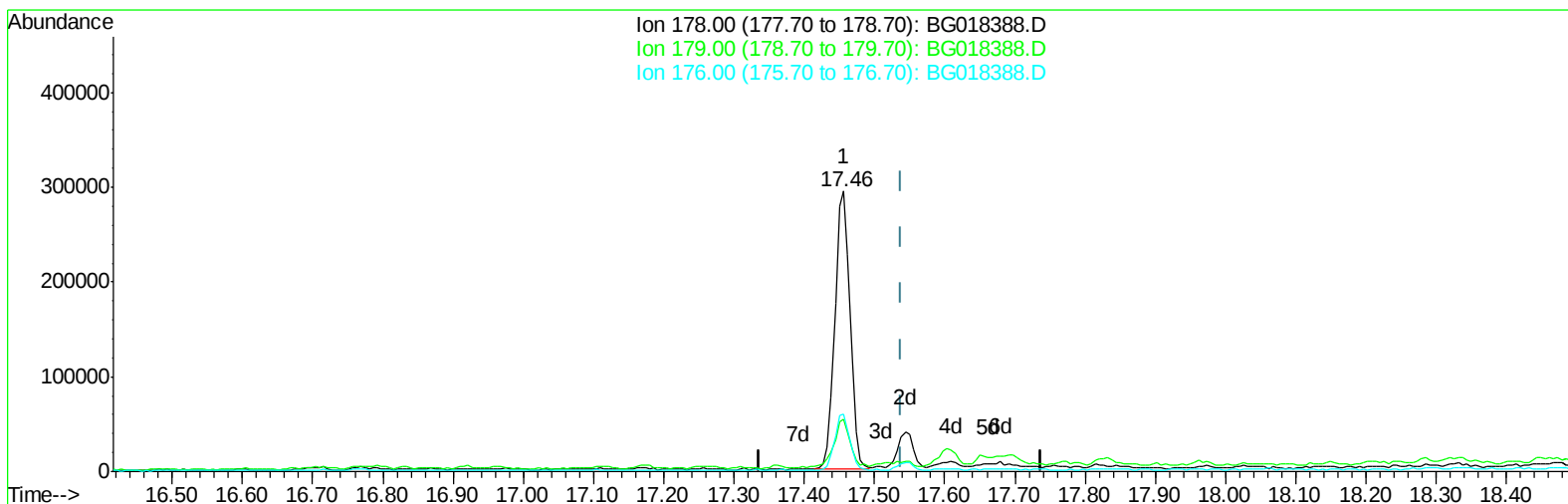
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018388.D
Acq On : 11 Aug 2015 19:20
Operator : UM/MA
Sample : G3154-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z0

Manual Integrations
APPROVED

MMDadoda
8/12/2015 3:53:27 PM

Quant Time: Aug 12 03:19:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration



TIC: BG018388.D

(72) Anthracene

17.456min (-0.082) 11.94ng/ul

response 439476

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	18.46
176.00	20.00	20.60
0.00	0.00	0.00

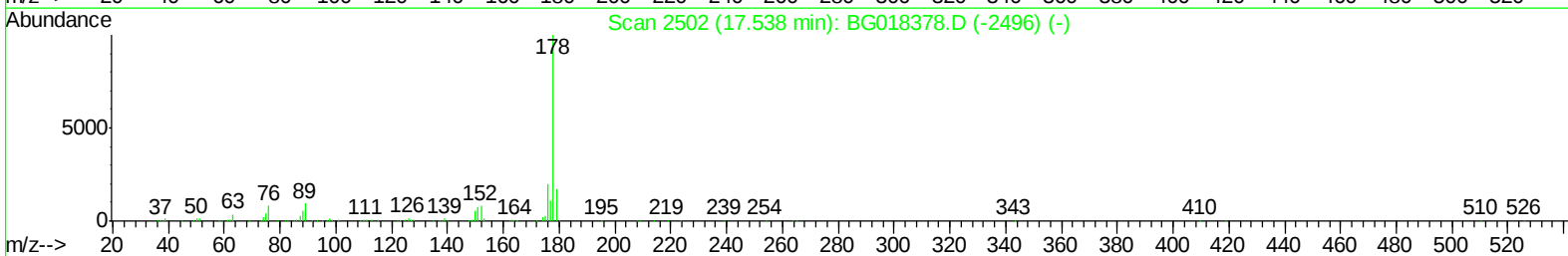
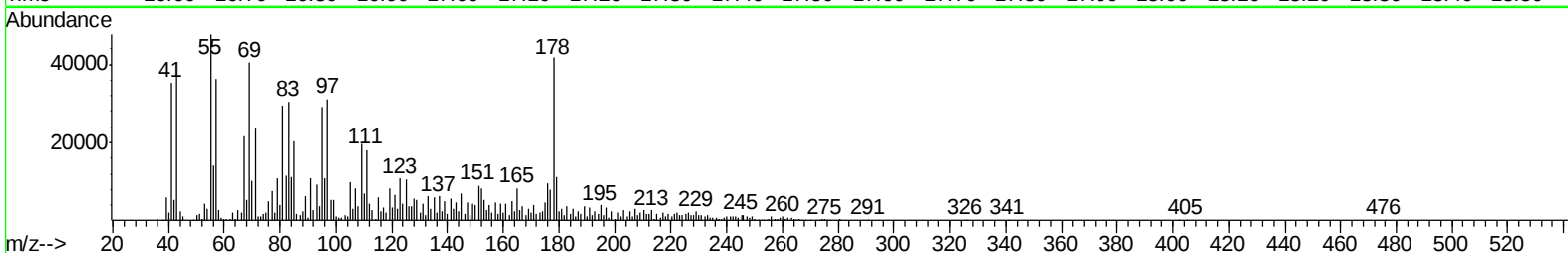
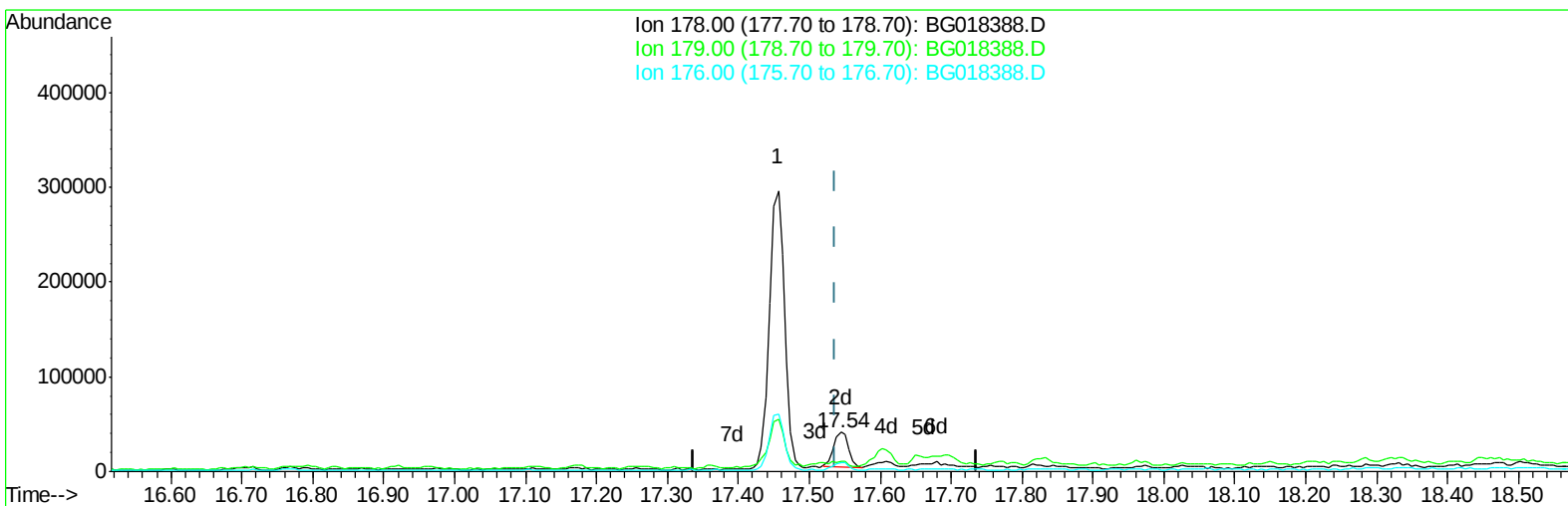
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TIC: BG018388.D

(72) Anthracene

17.544min (+0.007) 1.48ng/ul m

response 54548

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	26.92#
176.00	20.00	22.76
0.00	0.00	0.00

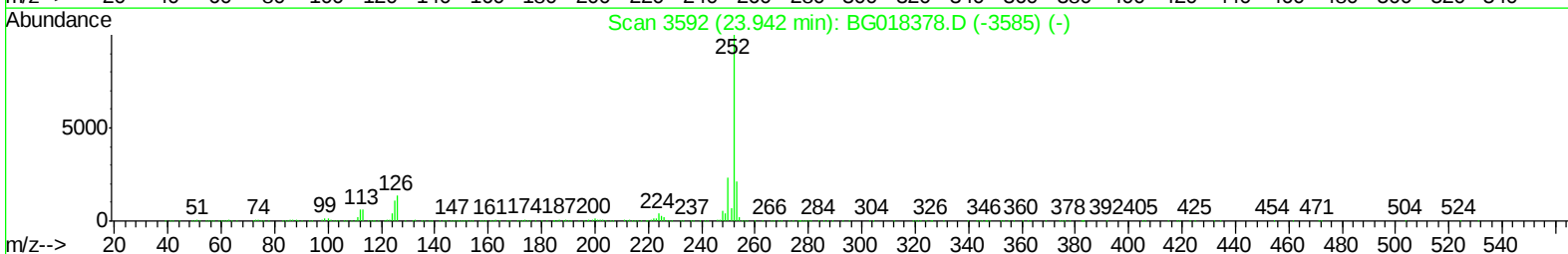
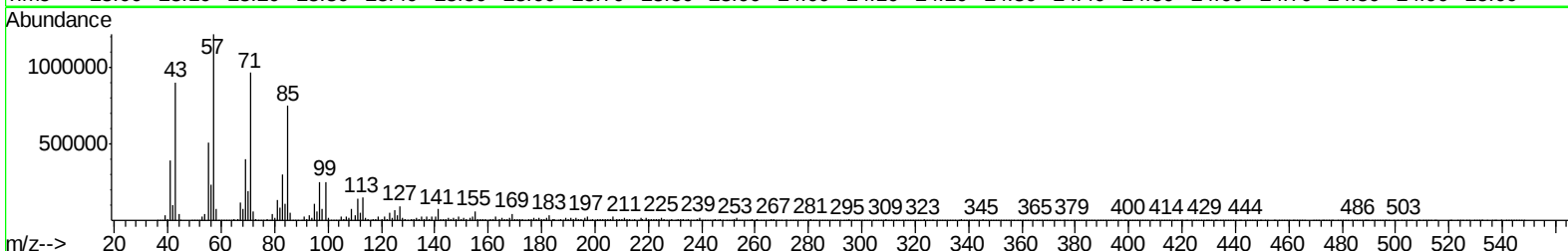
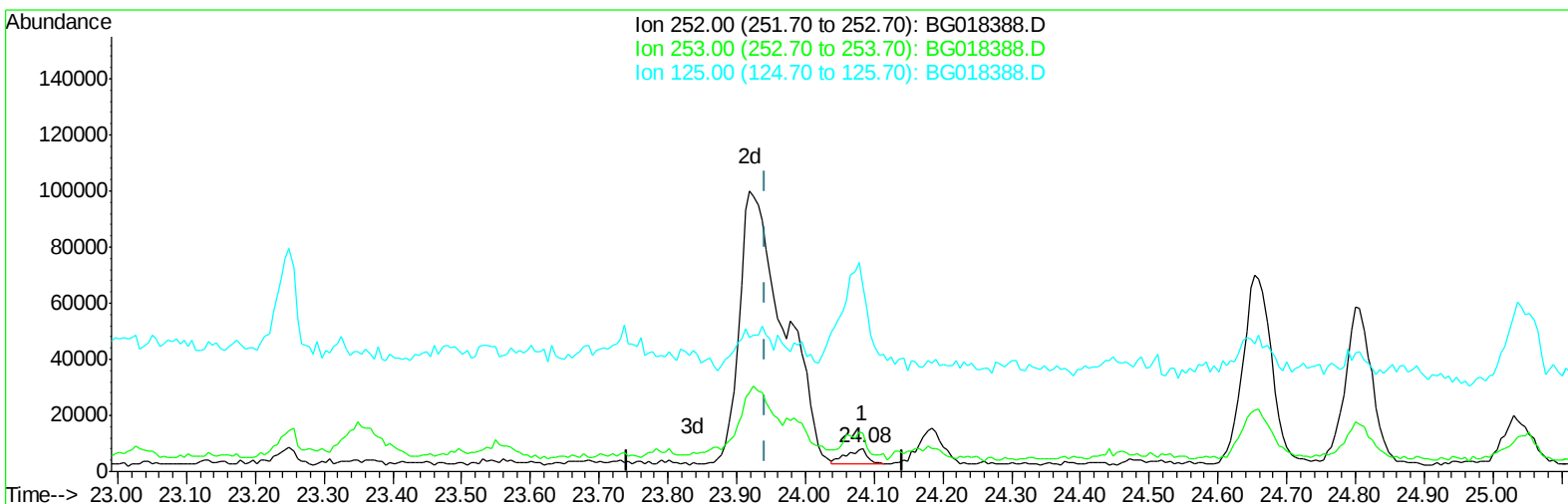
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
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Acq On : 11 Aug 2015 19:20
Operator : UM/MA
Sample : G3154-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG018388.D

(89) Benzo(k)fluoranthene

24.084min (+0.142) 0.35ng/ul

response 12025

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	168.59#
125.00	11.20	804.57#
0.00	0.00	0.00

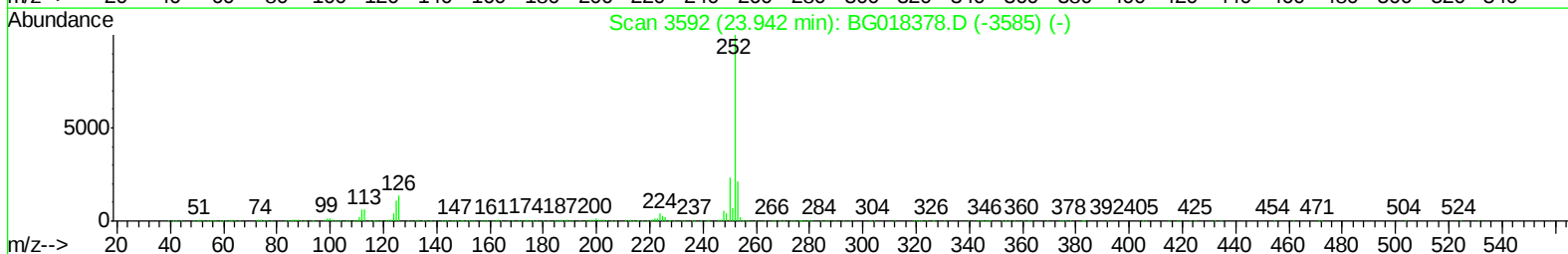
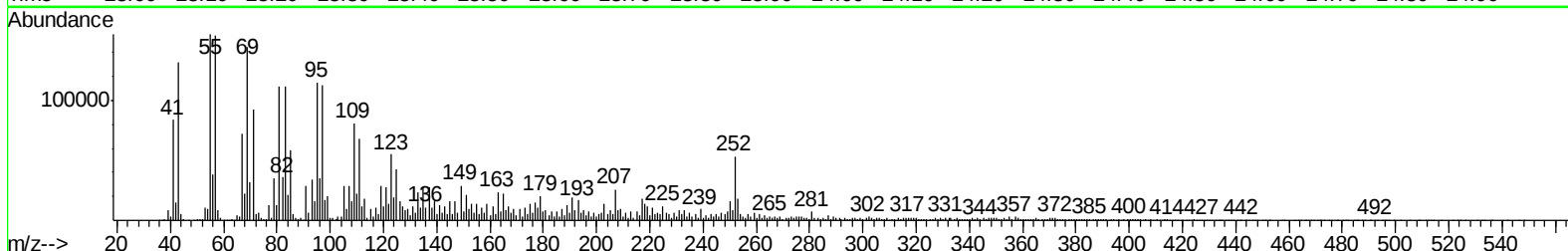
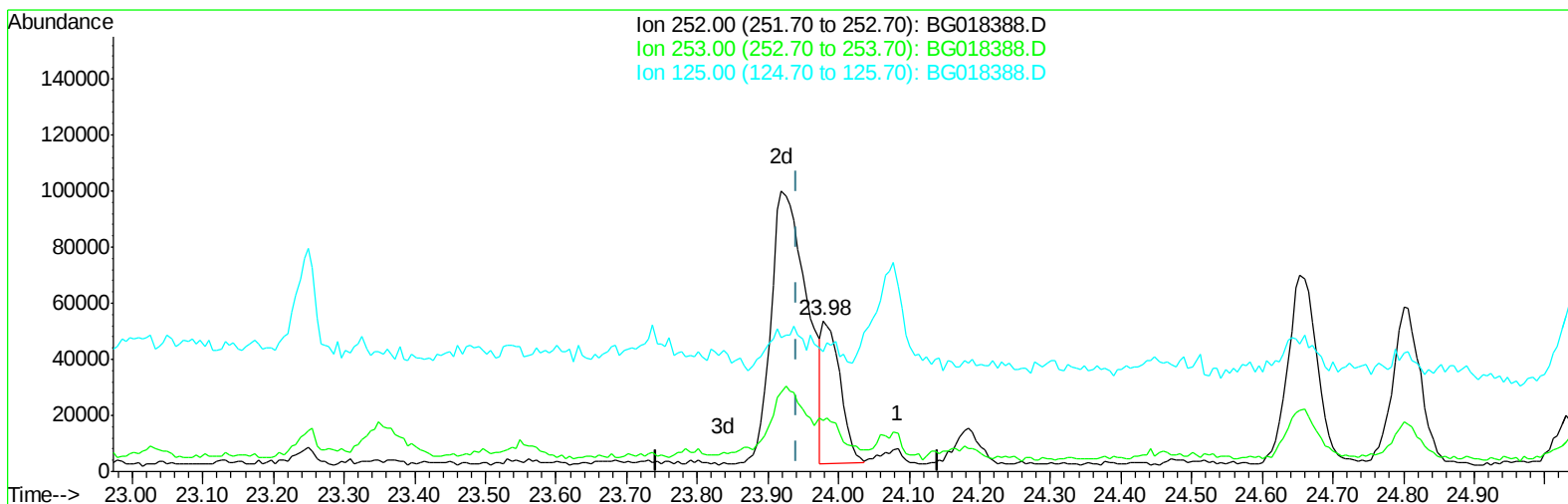
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018388.D
Acq On : 11 Aug 2015 19:20
Operator : UM/MA
Sample : G3154-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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TIC: BG018388.D

(89) Benzo(k)fluoranthene

23.978min (+0.036) 2.74ng/ul m

response 93737

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	33.74#
125.00	11.20	79.42#
0.00	0.00	0.00

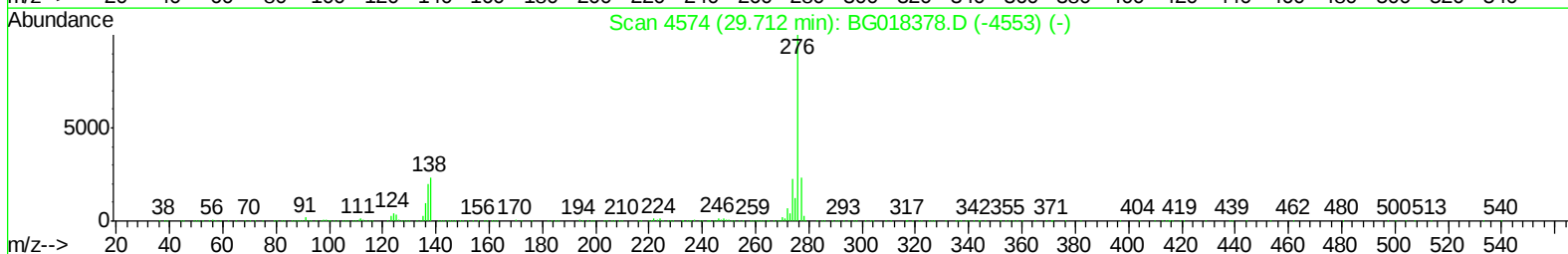
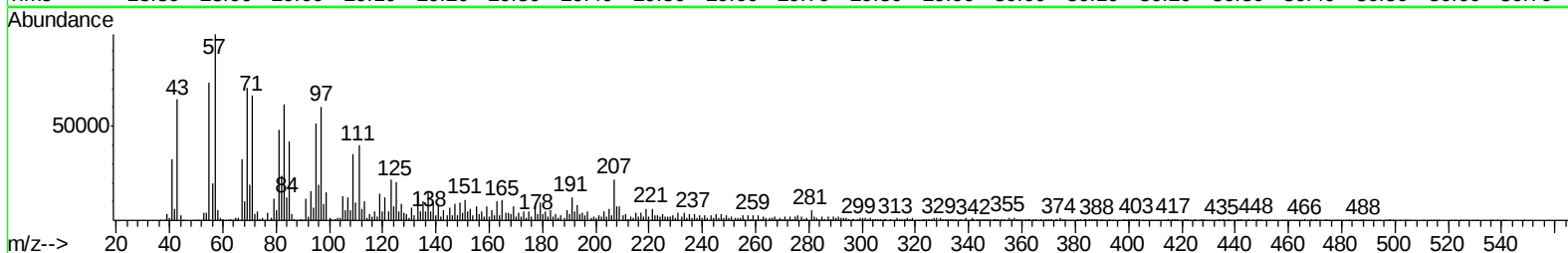
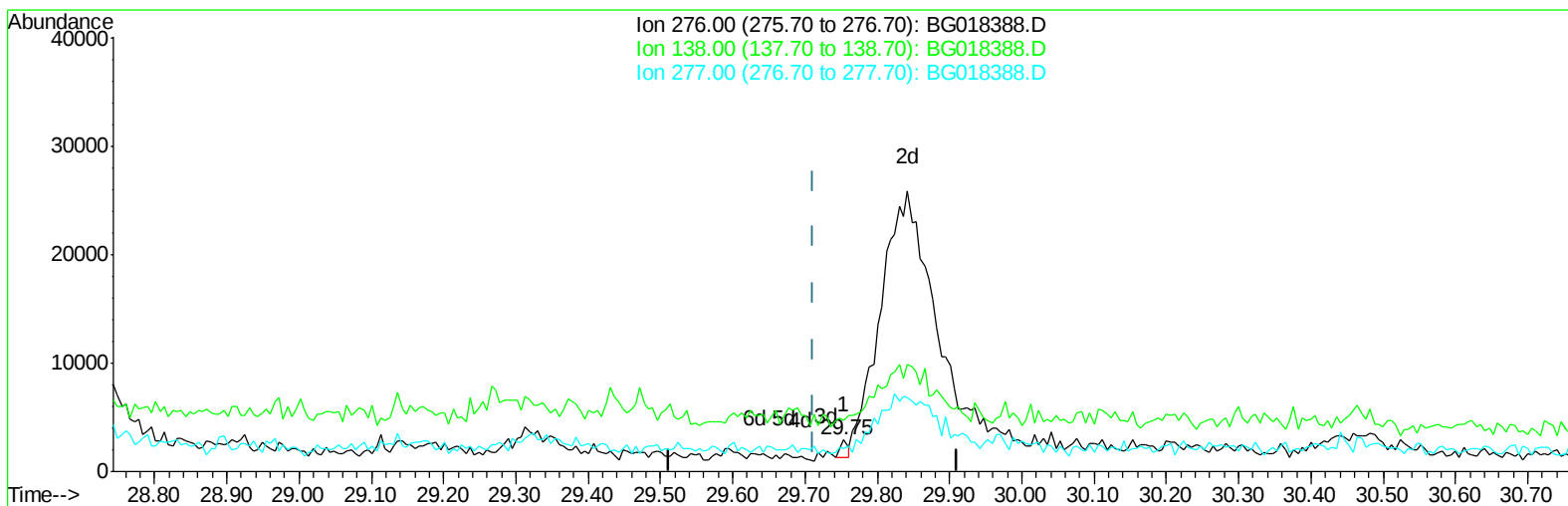
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Acq On : 11 Aug 2015 19:20
Operator : UM/MA
Sample : G3154-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z0

Manual Integrations
APPROVED

MMDadoda
8/12/2015 3:53:27 PM

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG018388.D

(94) Benzo(g,h,i)perylene

29.753min (+0.042) 0.04ng/ul

response 1210

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	164.04#
277.00	23.80	71.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018388.D
Acq On : 11 Aug 2015 19:20
Operator : UM/MA
Sample : G3154-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

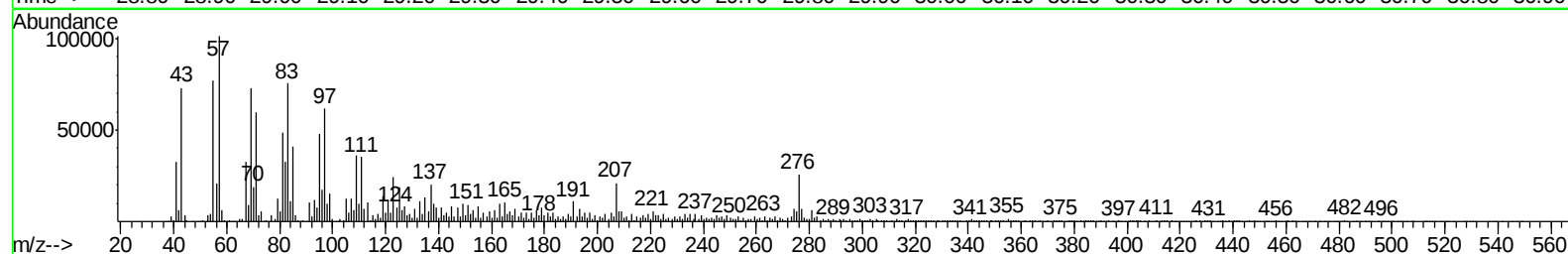
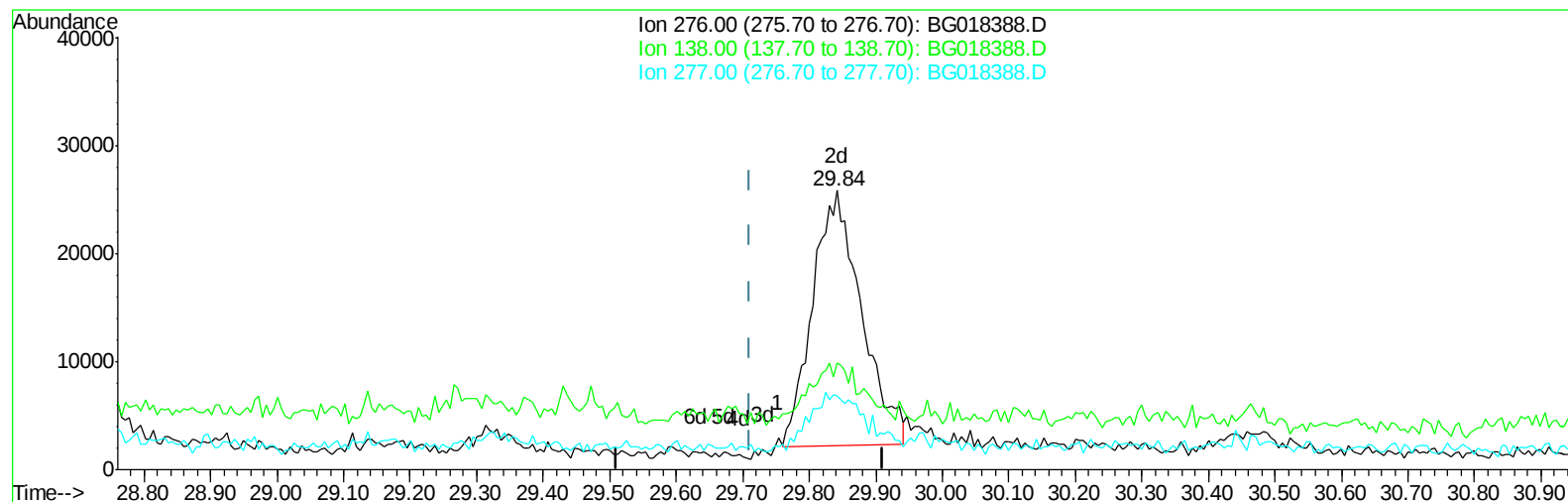
Instrument :
BNA_G
ClientSampleId :
C01Z0

Manual Integrations
APPROVED

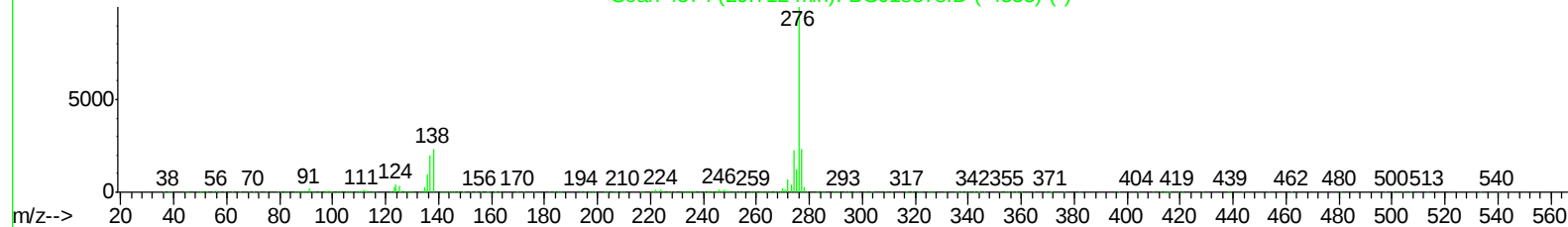
MMDadoda
8/12/2015 3:53:27 PM

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
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Ion 276.00 (275.70 to 276.70): BG018388.D
Ion 138.00 (137.70 to 138.70): BG018388.D
Ion 277.00 (276.70 to 277.70): BG018388.D



Scan 4574 (29.712 min): BG018378.D (-4553) (-)



TIC: BG018388.D

(94) Benzo(g,h,i)perylene

29.842min (+0.130) 3.67ng/ul m

response 120390

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	38.06#
277.00	23.80	26.45
0.00	0.00	0.00

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

MMDadoda
 8/12/2015 3:53:27 PM

Quant Time: Aug 12 03:21:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 00:54:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	140131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	614772	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	337681	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	665470	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	543541	20.00	ng/ul	0.02
86) Perylene-d12	24.96	264	564774	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	6748	2.13	ng/uL	0.00
5) Phenol-d5	7.20	99	166440	13.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	104169	13.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	133821	13.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	131199	12.28	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	65918	13.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	69443	14.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	135206	13.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	48769	4.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	360404	12.69	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	467707	13.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	52811	10.33	ng/ul	0.00
58) Fluorene-d10	15.66	176	309792	12.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	11796	3.60	ng/ul	0.00
71) Anthracene-d10	17.51	188	415815	13.06	ng/ul	0.00
79) Pyrene-d10	19.80	212	360021	12.77	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	323717	10.80	ng/ul	0.06

Target Compounds

					Qvalue
14) Acetophenone	8.85	105	22315	1.45 ng/ul#	42
28) Naphthalene	10.90	128	142311	4.38 ng/ul	99
34) 2-Methylnaphthalene	12.50	142	344795	14.65 ng/ul	99
35) 1-Methylnaphthalene	12.72	142	365490	15.91 ng/ul	99
41) 1,1'-Biphenyl	13.50	154	74869	2.66 ng/ul	100
45) Dimethylphthalate	14.11	163	104666	3.73 ng/ul#	97
50) Acenaphthene	14.73	153	45487	1.81 ng/ul#	87
54) Dibenzofuran	15.06	168	43200	1.31 ng/ul#	83
59) Fluorene	15.71	166	59392	2.10 ng/ul#	95
70) Phenanthrene	17.46	178	438380	12.14 ng/ul	98
72) Anthracene	17.54	178	54548m	1.48 ng/ul	
76) Di-n-butylphthalate	18.37	149	49793	1.18 ng/ul#	84
77) Fluoranthene	19.47	202	570475	14.79 ng/ul	99
80) Pyrene	19.83	202	552096	15.02 ng/ul	99
83) Benzo(a)anthracene	21.67	228	189474	5.62 ng/ul#	86
84) Bis(2-ethylhexyl)phthalate	21.59	149	298712	13.60 ng/ul#	90
85) Chrysene	21.74	228	266144	8.45 ng/ul#	94
88) Benzo(b)fluoranthene	23.92	252	343304	9.67 ng/ul#	61
89) Benzo(k)fluoranthene	23.98	252	93737m	2.74 ng/ul	
91) Benzo(a)pyrene	24.80	252	147119	4.36 ng/ul#	35
92) Indeno(1,2,3-cd)pyrene	28.67	276	129794	3.32 ng/ul#	75
94) Benzo(g,h,i)perylene	29.84	276	120390m	3.67 ng/ul	

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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

