

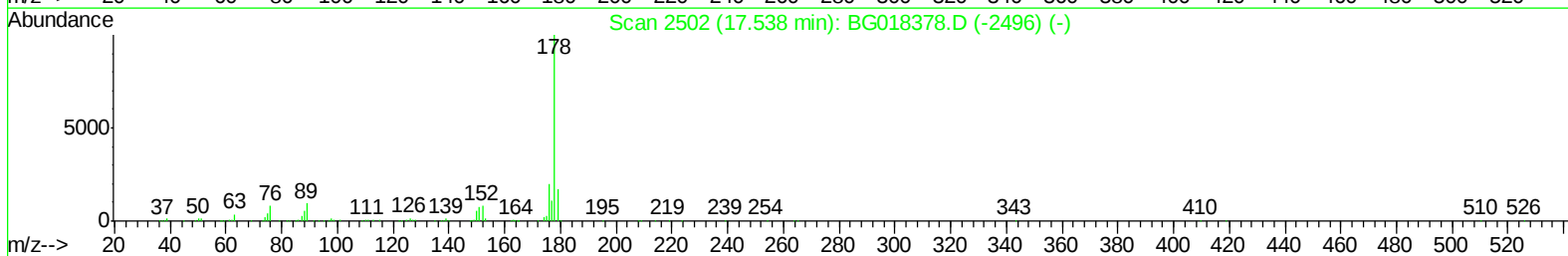
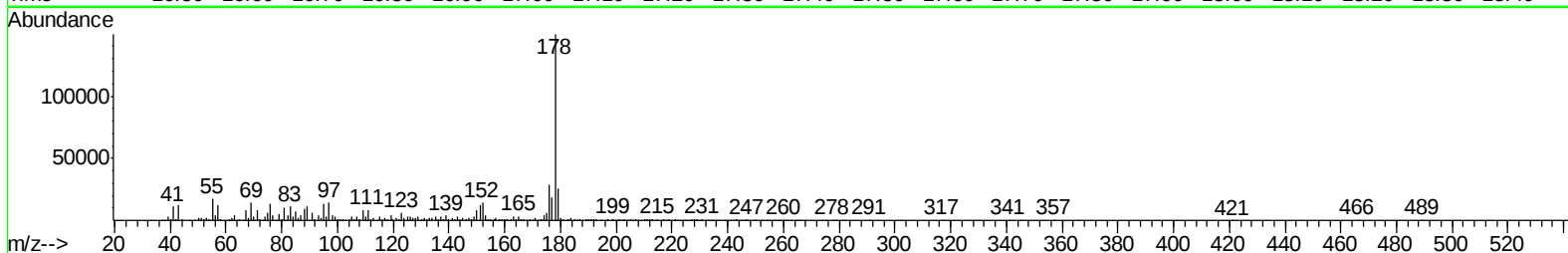
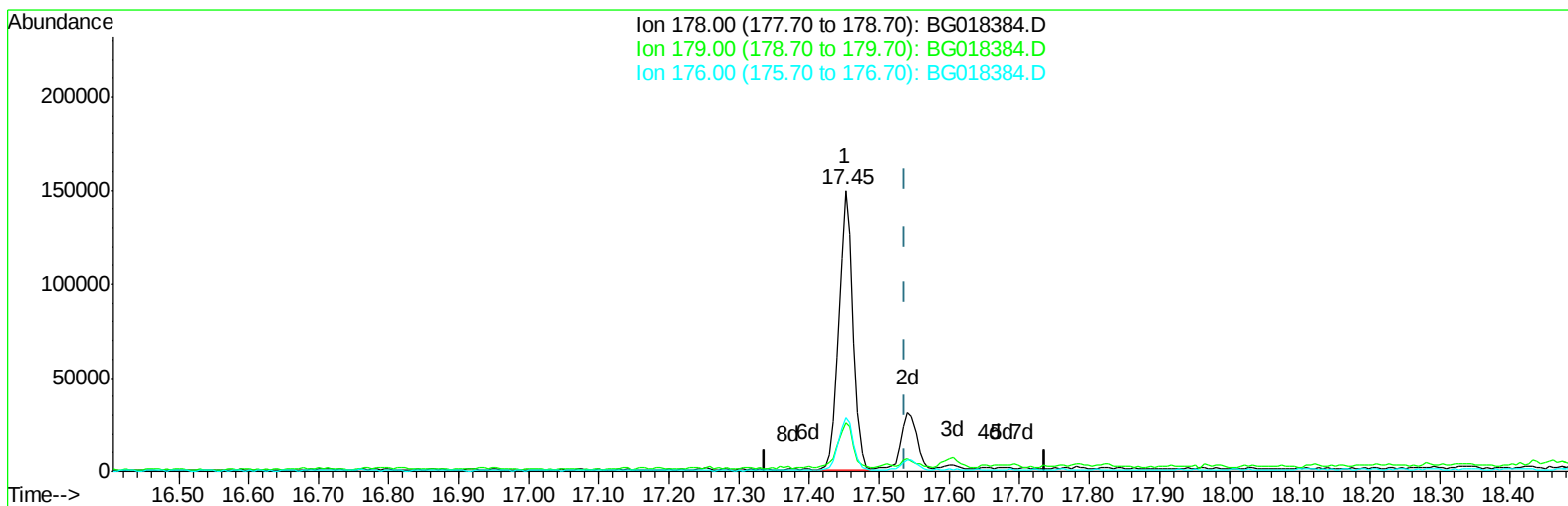
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02D0

Manual Integrations
APPROVED

MMDadoda
8/12/2015 3:53:09 PM

Quant Time: Aug 12 01:00:51 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: BG018384.D

(72) Anthracene

17.452min (-0.086) 10.59ng/ul

response 209160

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	17.48
176.00	20.00	19.31
0.00	0.00	0.00

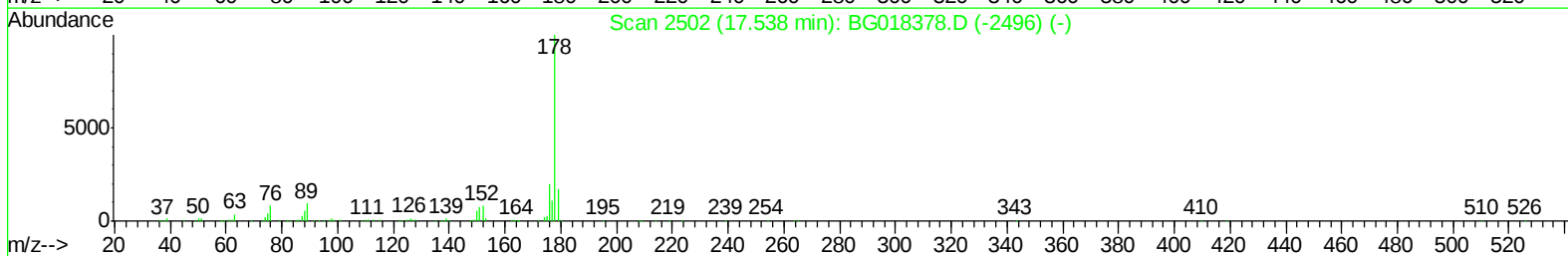
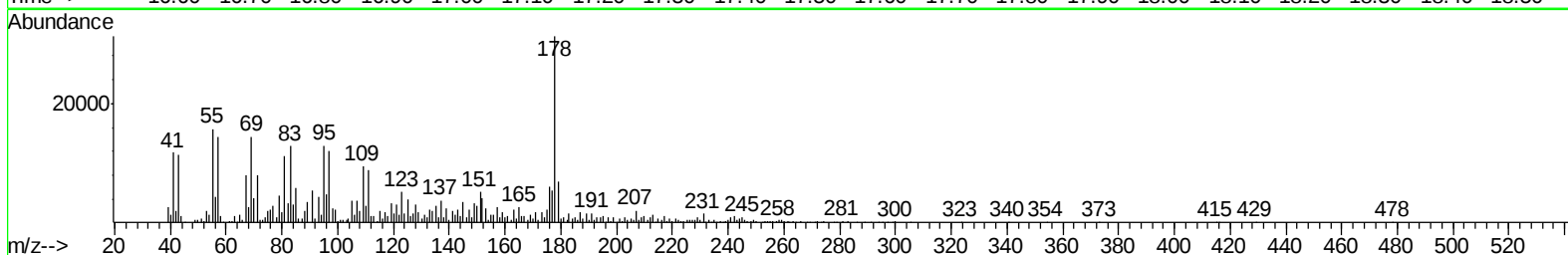
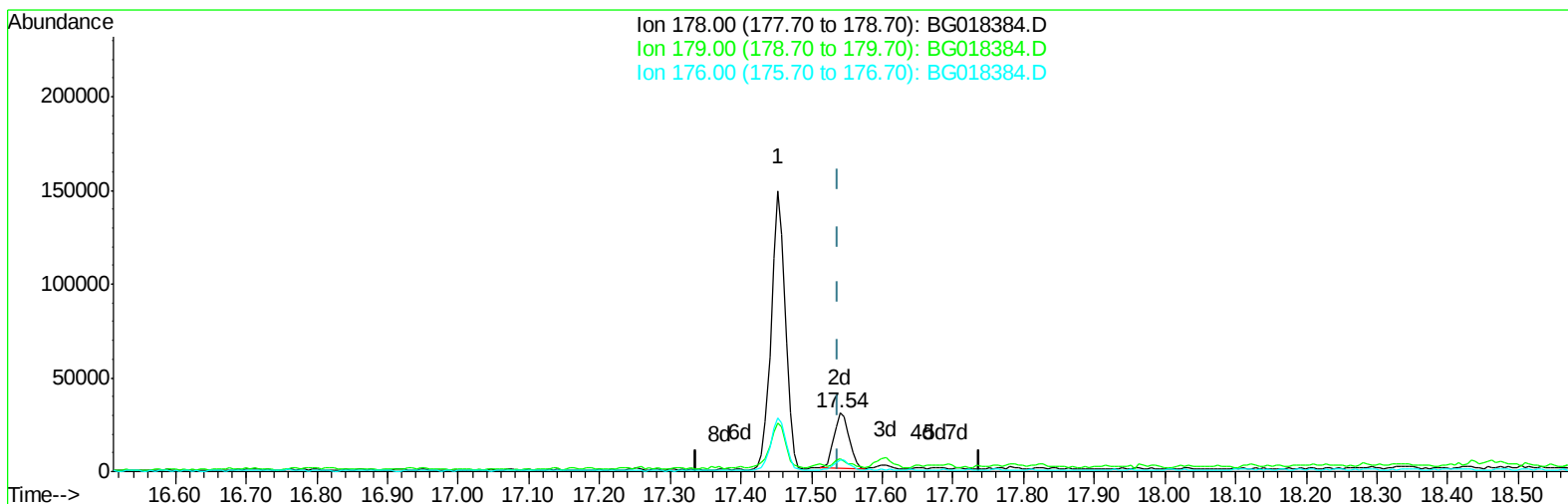
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Data File : BG018384.D
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TIC: BG018384.D

(72) Anthracene

17.540min (+0.003) 2.22ng/ul m

response 43830

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	22.02#
176.00	20.00	19.50
0.00	0.00	0.00

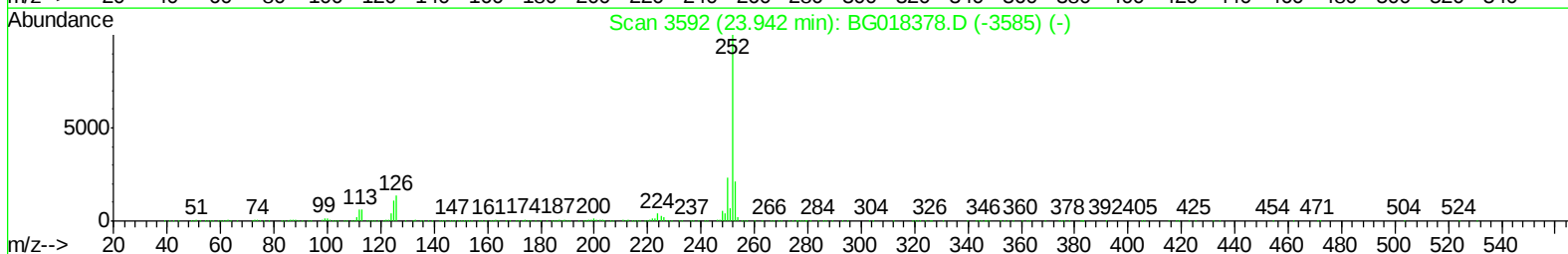
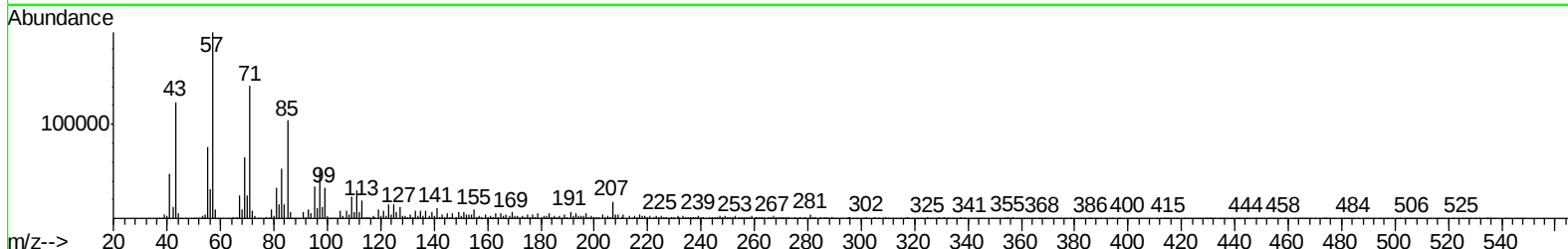
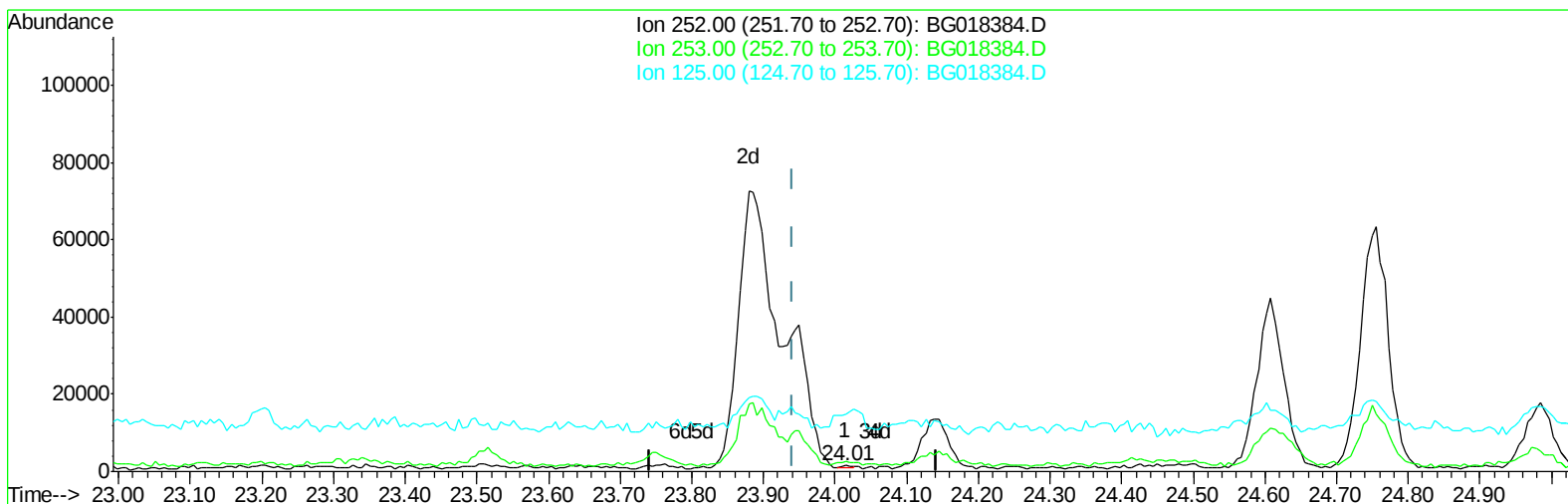
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018384.D
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Operator : UM/MA
Sample : G3136-17
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG018384.D

(89) Benzo(k)fluoranthene

24.015min (+0.073) 0.03ng/ul

response 632

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	169.61#
125.00	11.20	920.53#
0.00	0.00	0.00

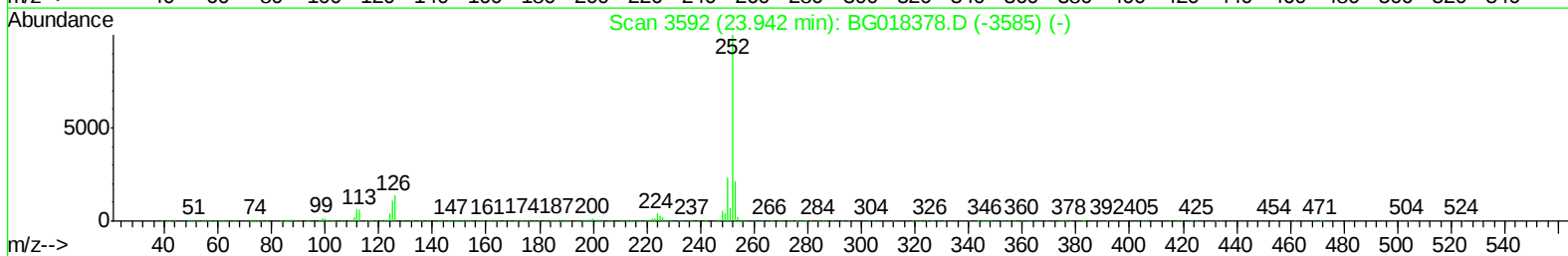
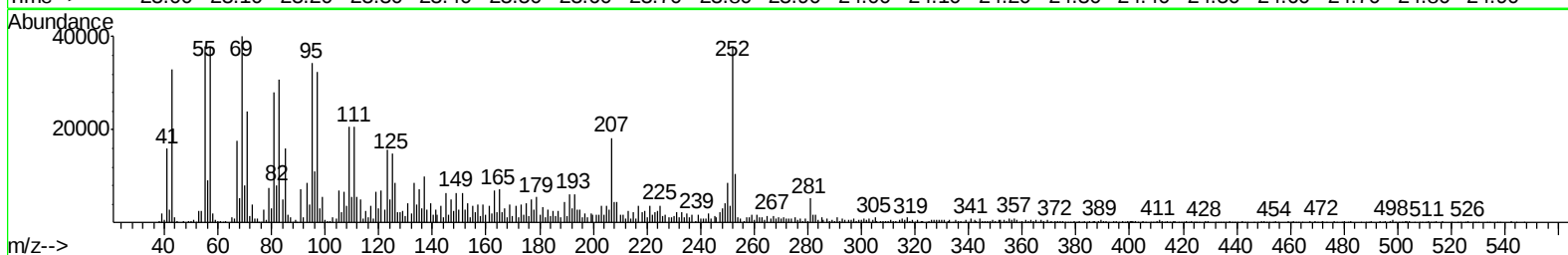
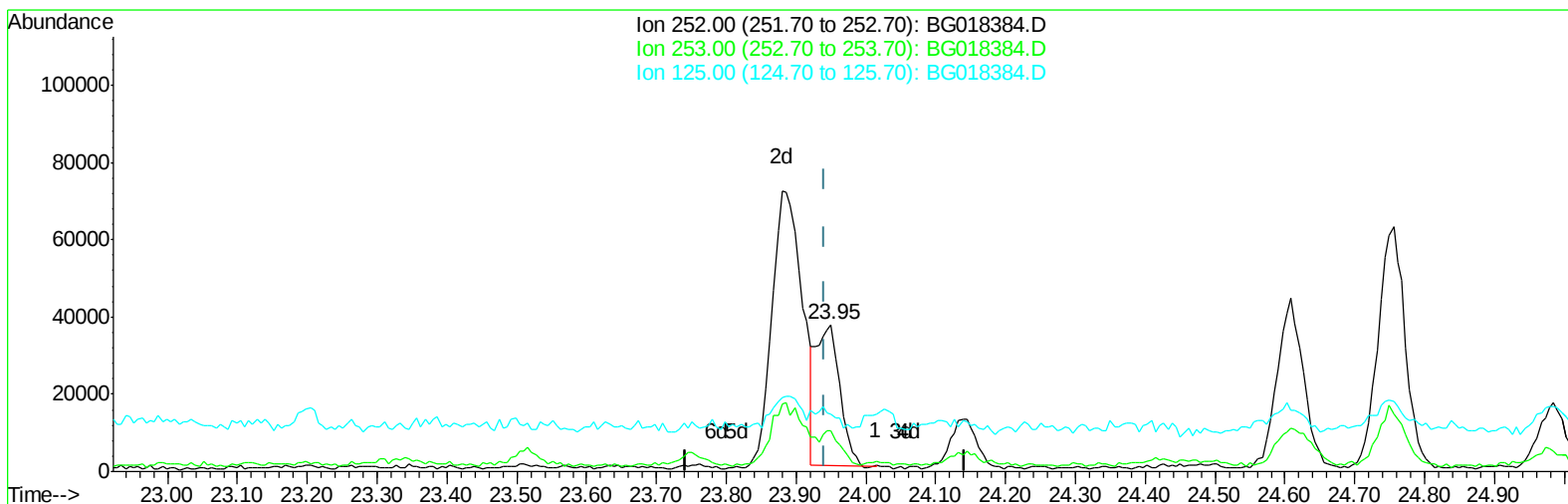
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Sample : G3136-17
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Instrument :
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Manual Integrations
APPROVED

MMDadoda
8/12/2015 3:53:09 PM



TIC: BG018384.D

(89) Benzo(k)fluoranthene

23.950min (+0.008) 4.27ng/ul m

response 85577

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	27.68#
125.00	11.20	39.22#
0.00	0.00	0.00

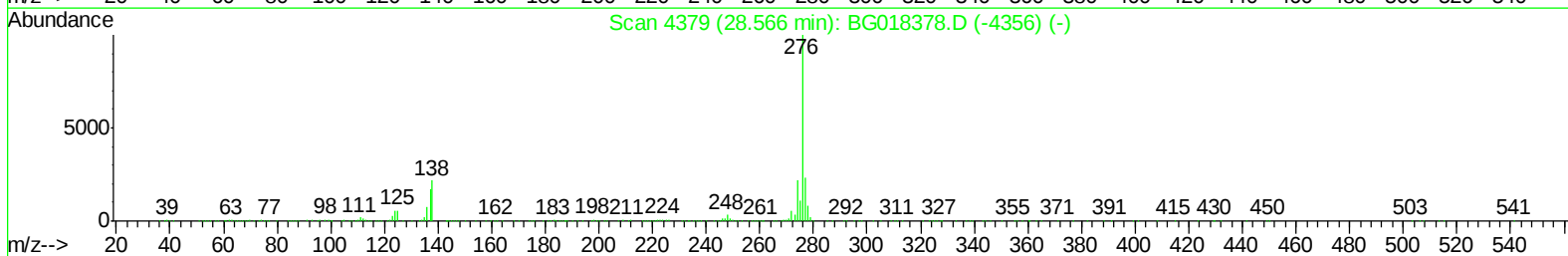
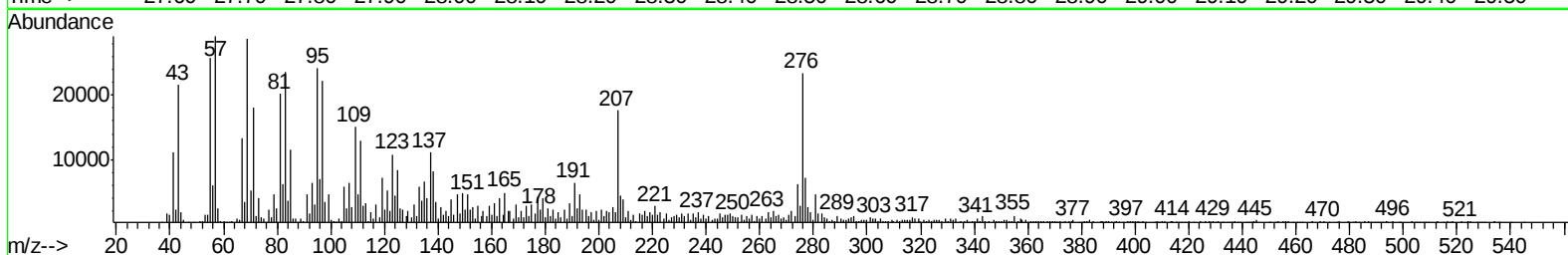
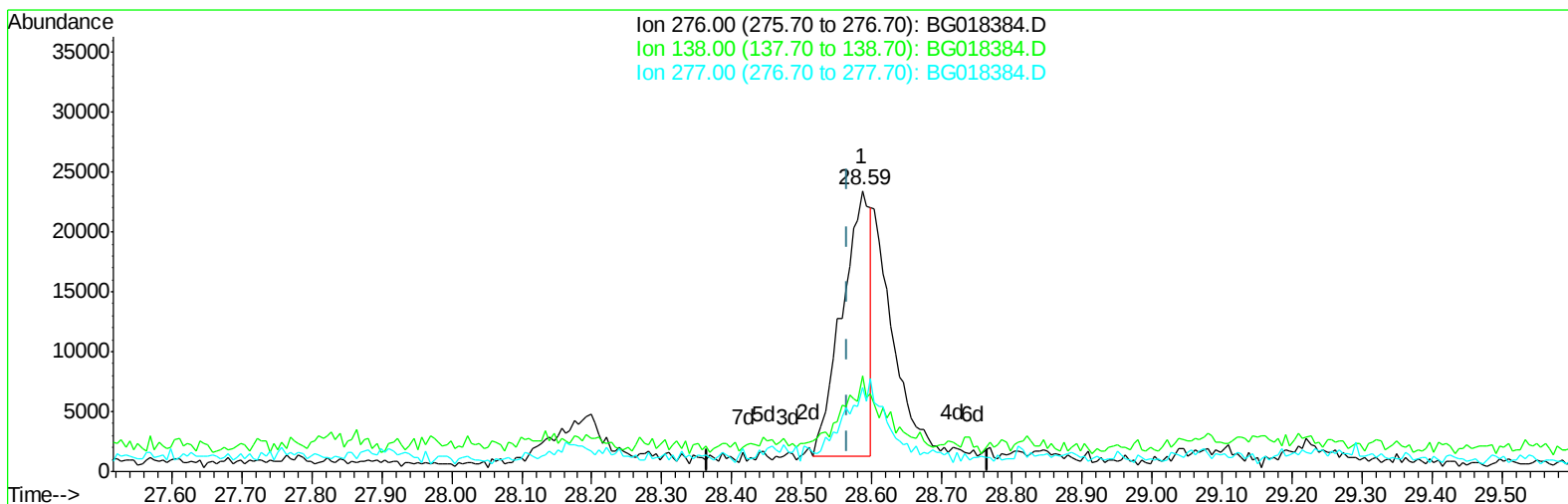
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG018384.D

(92) Indeno(1,2,3-cd)pyrene

28.586min (+0.020) 2.71ng/ul

response 62151

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	34.28#
277.00	23.60	30.04#
0.00	0.00	0.00

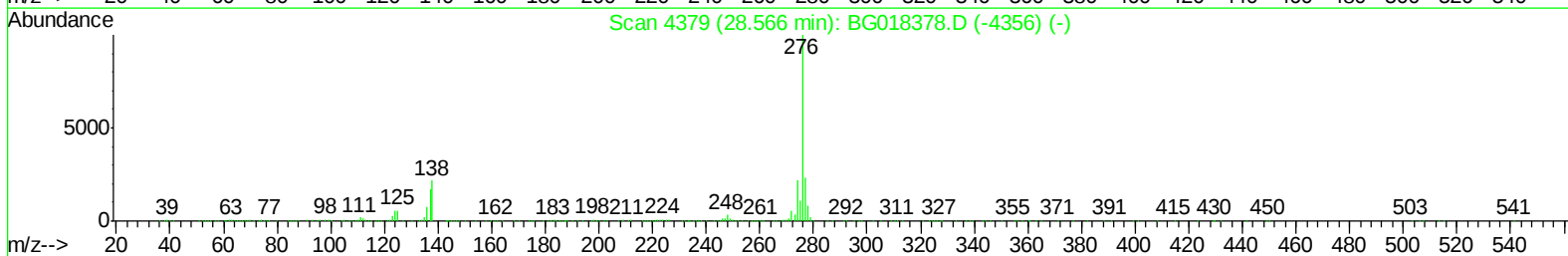
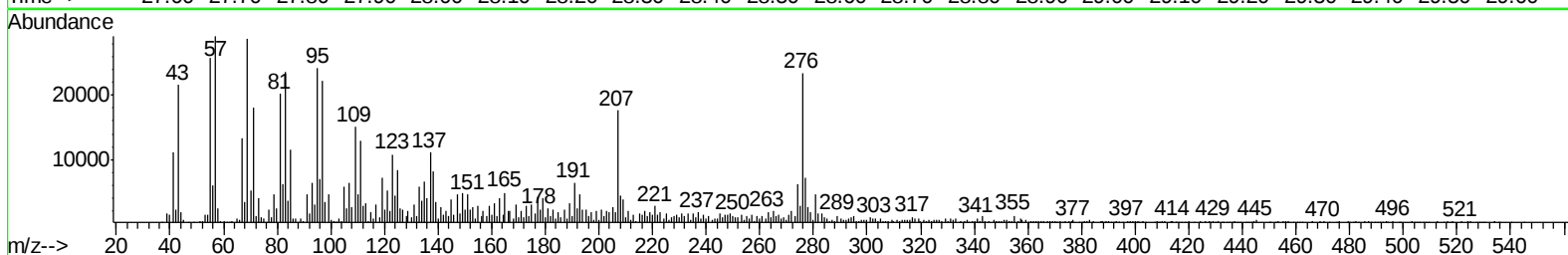
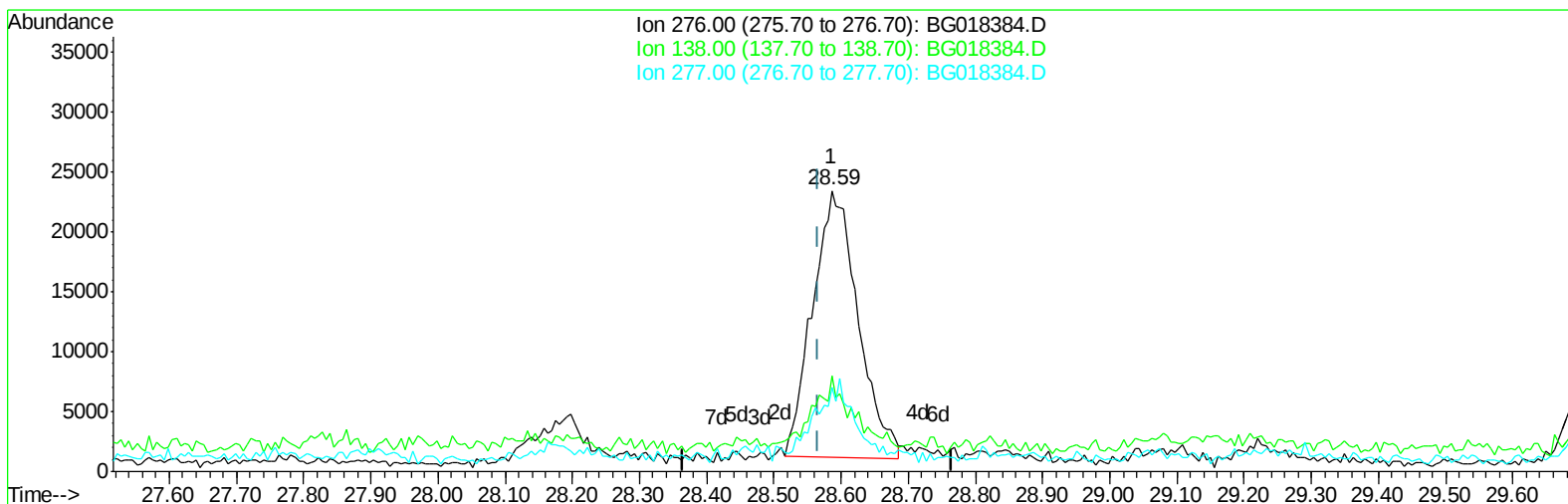
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Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02D0

Manual Integrations
APPROVED

MMDadoda
8/12/2015 3:53:09 PM

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TIC: BG018384.D

(92) Indeno(1,2,3-cd)pyrene

28.586min (+0.020) 4.56ng/ul m

response 104540

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	34.28#
277.00	23.60	30.04#
0.00	0.00	0.00

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Manual Integrations
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 8/12/2015 3:53:09 PM

Quant Time: Aug 12 02:14:44 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	63019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	284764	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	173869	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	357066	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	320944	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	331502	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	5049	3.54	ng/uL	0.00
5) Phenol-d5	7.20	99	95189	16.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	60750	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	73417	16.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	67485	14.04	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	37291	16.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	40501	17.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	69557	14.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	65104	12.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	239769	16.39	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	225638	12.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	16213	6.16	ng/ul	0.00
58) Fluorene-d10	15.66	176	146474	11.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	459	0.26	ng/ul	0.00
71) Anthracene-d10	17.51	188	187852	11.00	ng/ul	0.00
79) Pyrene-d10	19.79	212	160651	9.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	126948	7.21	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.90	128	63958	4.25	ng/ul	95
34) 2-Methylnaphthalene	12.50	142	12266	1.13	ng/ul	86
45) Dimethylphthalate	14.11	163	137256	9.51	ng/ul#	96
50) Acenaphthene	14.73	153	28706	2.21	ng/ul#	83
59) Fluorene	15.71	166	21955	1.51	ng/ul	94
70) Phenanthrene	17.45	178	208903	10.78	ng/ul	98
72) Anthracene	17.54	178	43830m	2.22	ng/ul	
75) Carbazole	17.80	167	22012	1.27	ng/ul#	79
77) Fluoranthene	19.46	202	330189	15.96	ng/ul	96
80) Pyrene	19.82	202	301290	13.88	ng/ul	99
83) Benzo(a)anthracene	21.66	228	158063	7.94	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	82395	6.35	ng/ul#	98
85) Chrysene	21.72	228	158974	8.54	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	226799	10.89	ng/ul#	85
89) Benzo(k)fluoranthene	23.95	252	85577m	4.27	ng/ul	
91) Benzo(a)pyrene	24.76	252	167807	8.47	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	28.59	276	104540m	4.56	ng/ul	
94) Benzo(g,h,i)perylene	29.73	276	82032	4.26	ng/ul#	89

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

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