

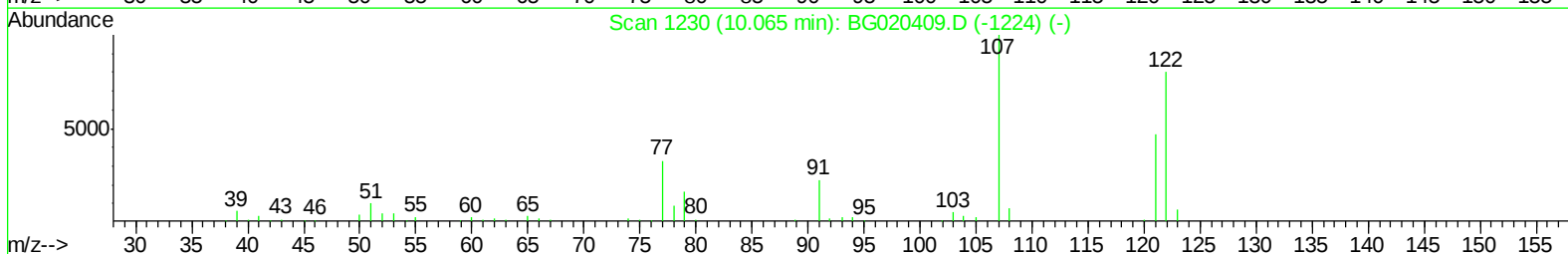
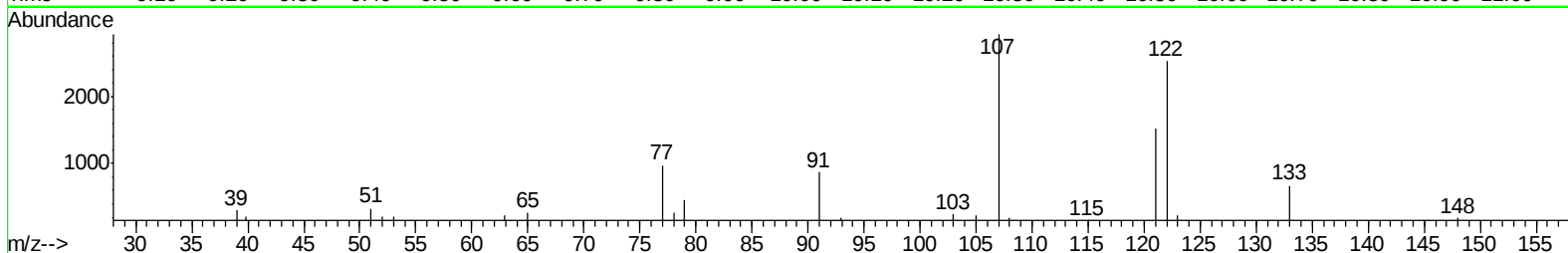
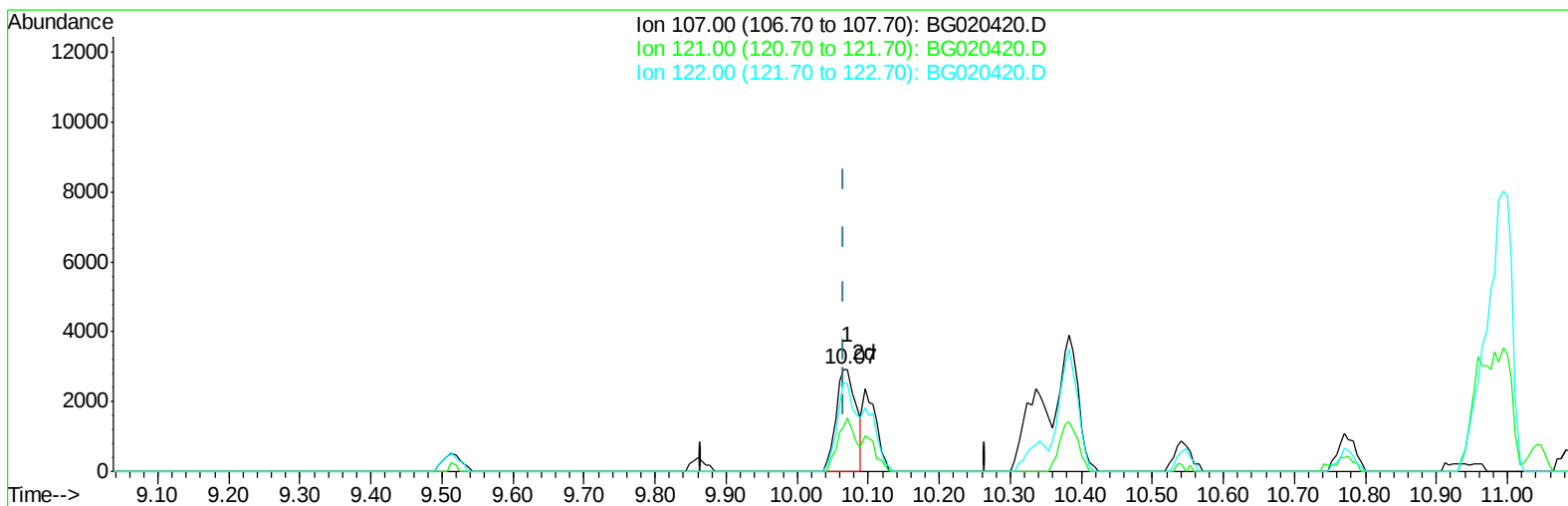
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020420.D
Acq On : 22 Dec 2015 22:11
Operator : UM/SJ
Sample : G4848-05
Misc : MED LEVEL RX
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Manual Integrations
APPROVED

Sohil
12/24/2015 5:33:39 PM

Quant Time: Dec 23 04:18:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 04:11:36 2015
Response via : Initial Calibration



TIC: BG020420.D

(24) 2,4-Dimethylphenol

10.071min (+0.006) 2.53ng/ul

response 5842

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	52.12
122.00	77.60	86.33
0.00	0.00	0.00

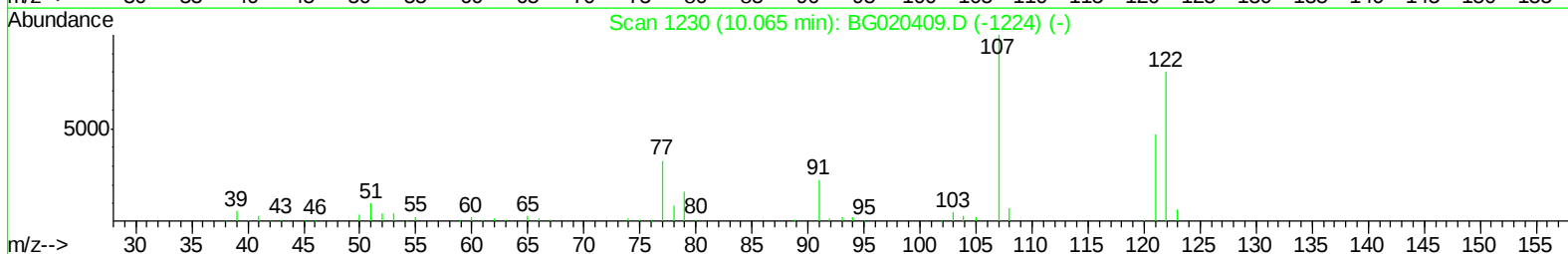
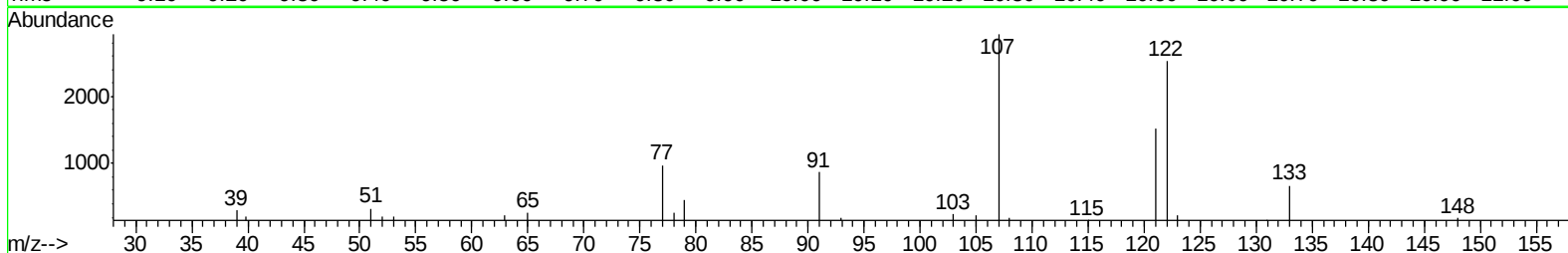
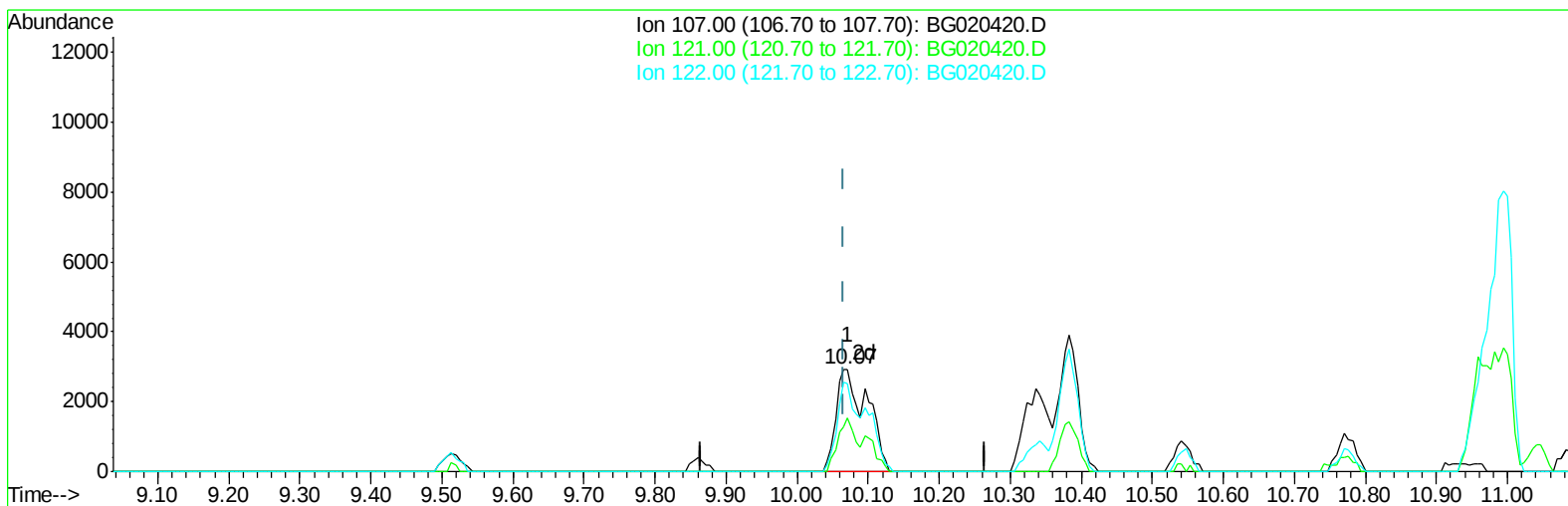
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TIC: BG020420.D

(24) 2,4-Dimethylphenol

10.071min (+0.006) 3.84ng/ul m

response 8881

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	52.12
122.00	77.60	86.33
0.00	0.00	0.00

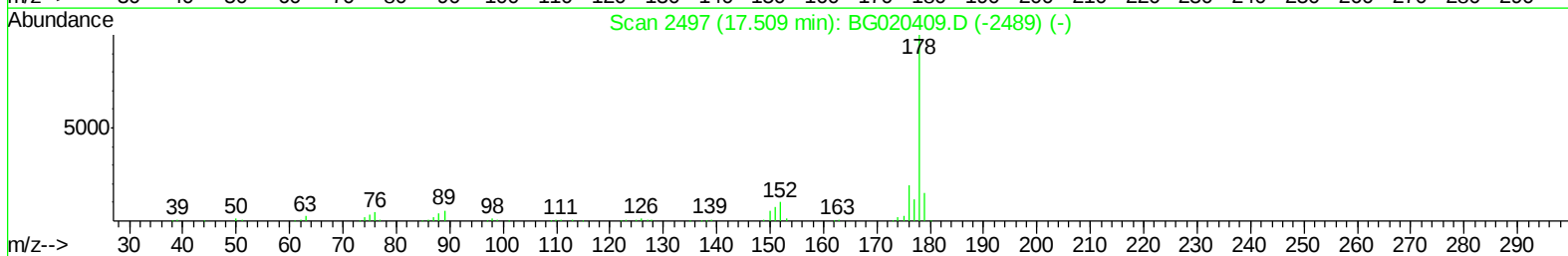
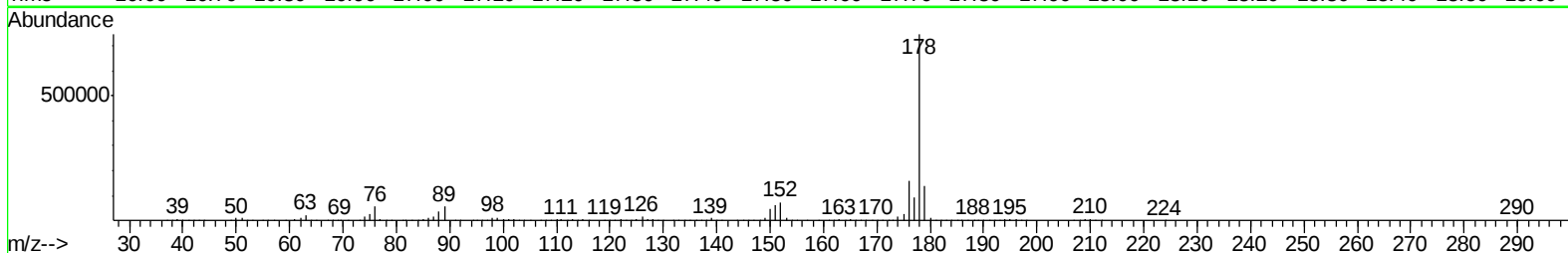
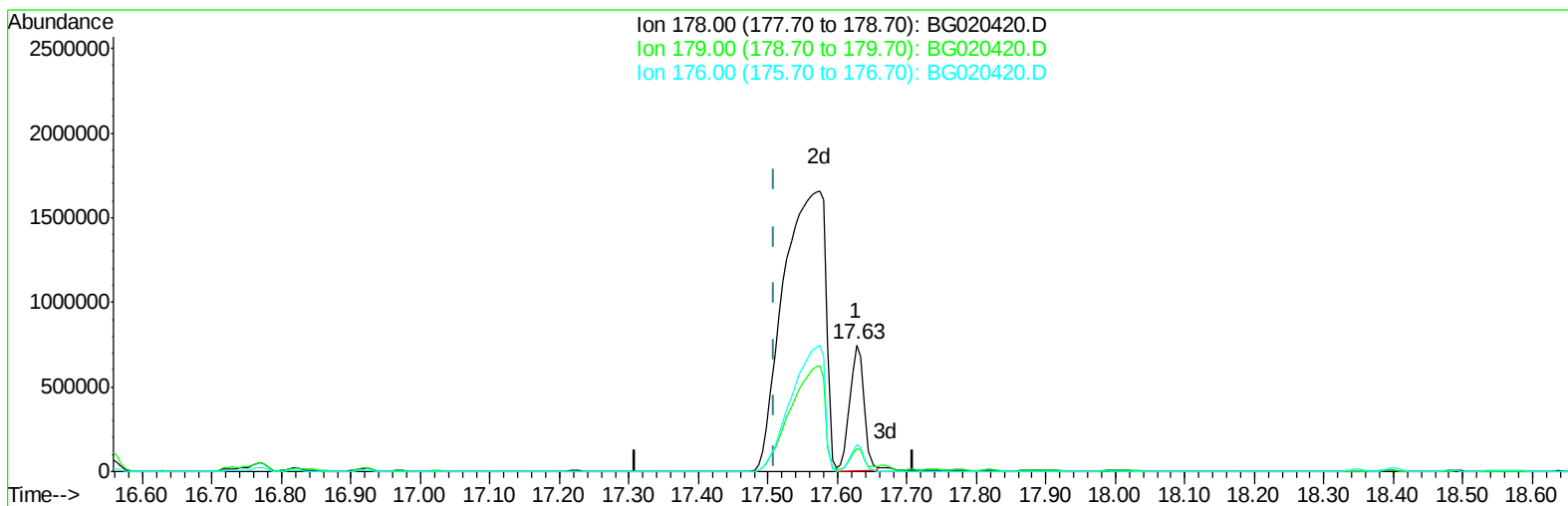
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Sample : G4848-05
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG020420.D

(70) Phenanthrene

17.627min (+0.118) 123.27ng/ul

response 1062450

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	18.61
176.00	19.10	21.41
0.00	0.00	0.00

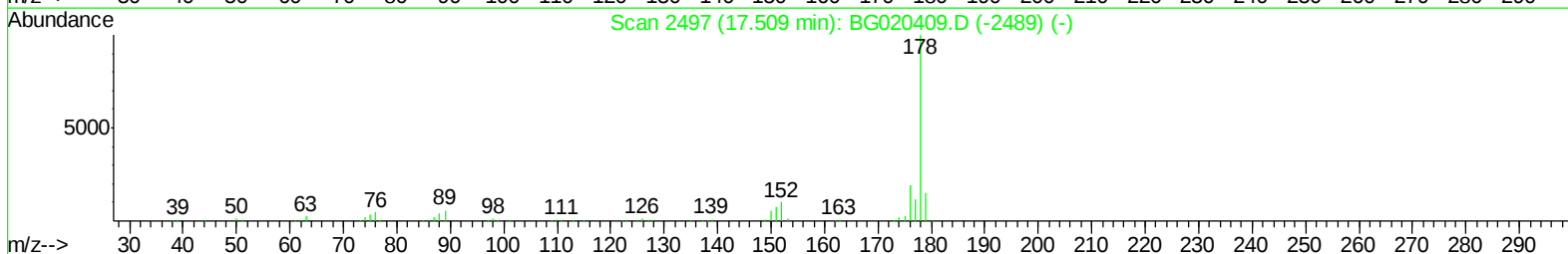
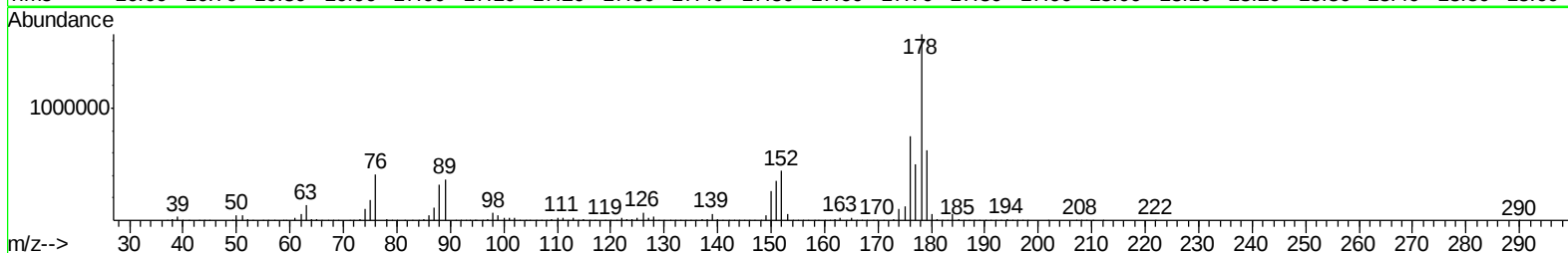
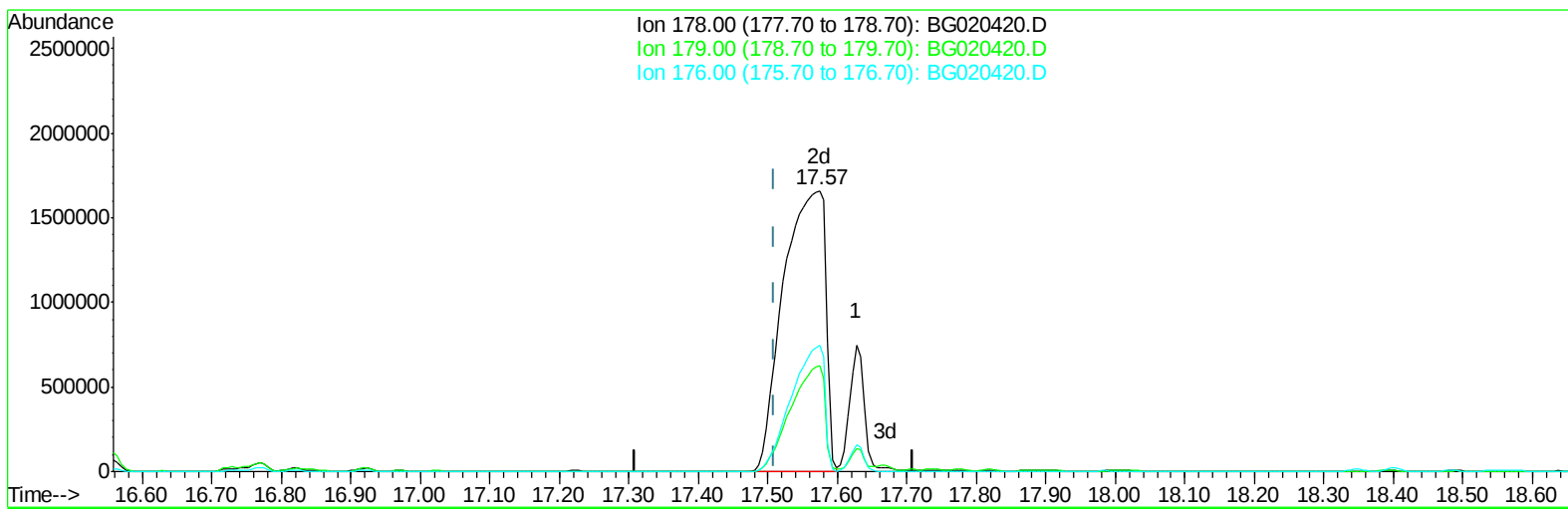
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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TIC: BG020420.D

(70) Phenanthrene

17.574min (+0.065) 807.92ng/ul m

response 6963434

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	37.87#
176.00	19.10	45.15#
0.00	0.00	0.00

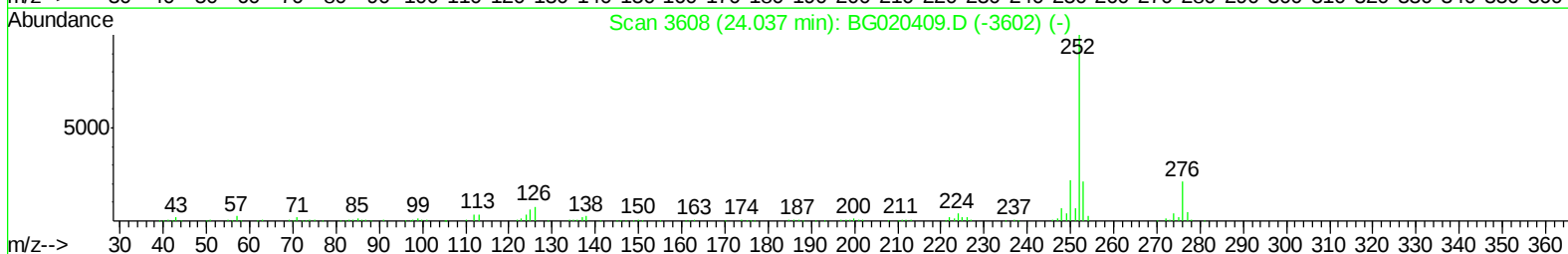
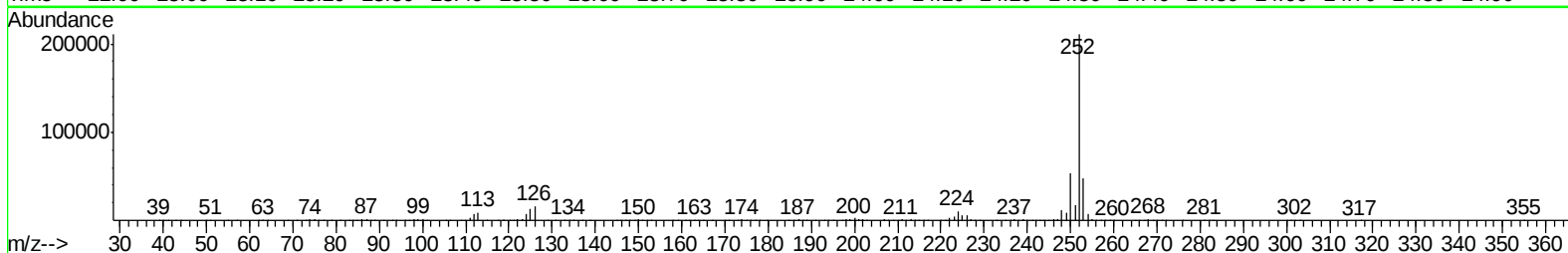
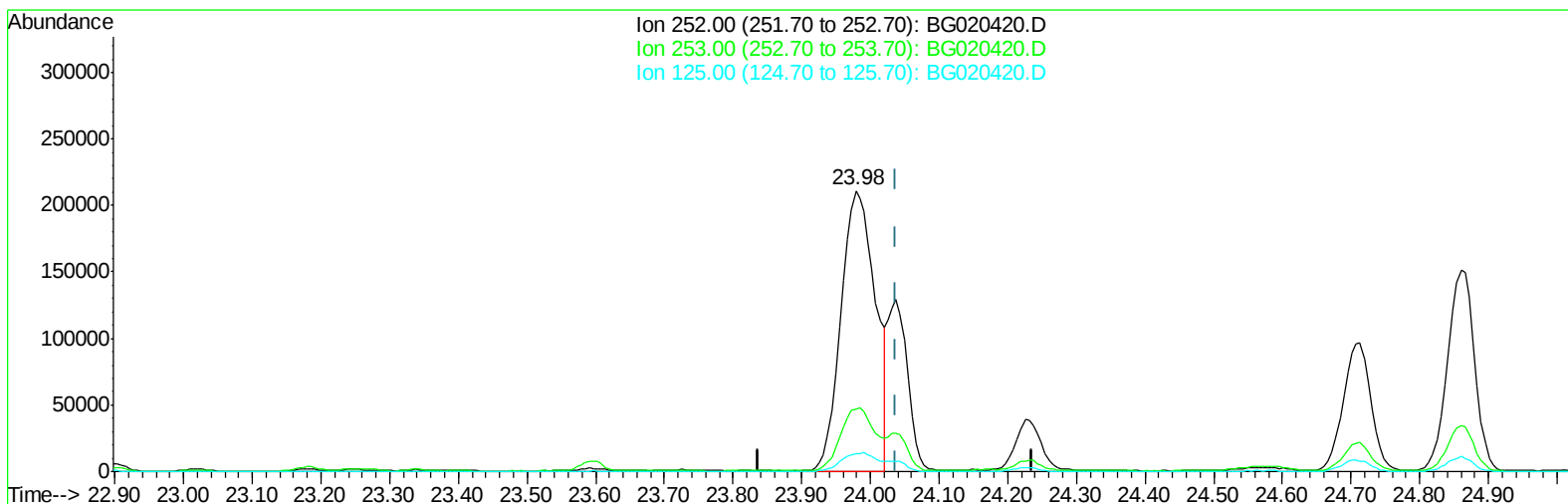
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Data File : BG020420.D
Acq On : 22 Dec 2015 22:11
Operator : UM/SJ
Sample : G4848-05
Misc : MED LEVEL RX
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Manual Integrations
APPROVED

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TIC: BG020420.D

(89) Benzo(k)fluoranthene

23.979min (-0.059) 65.10ng/ul

response 729011

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.48
125.00	7.20	6.58
0.00	0.00	0.00

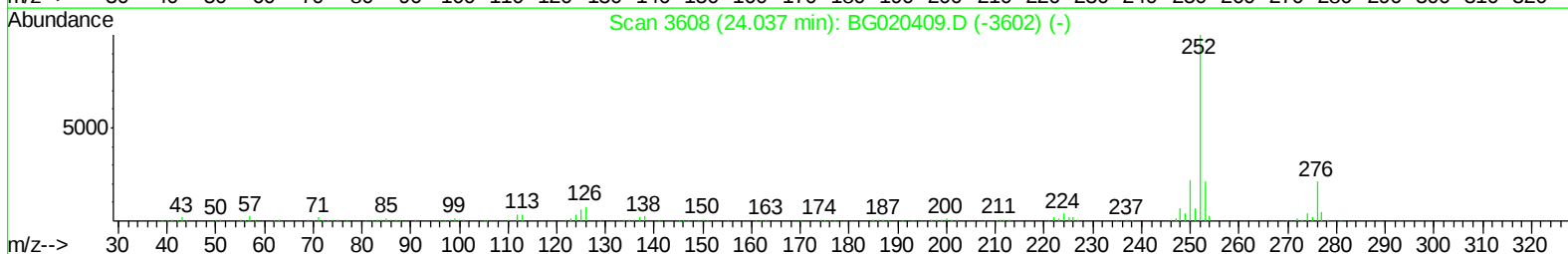
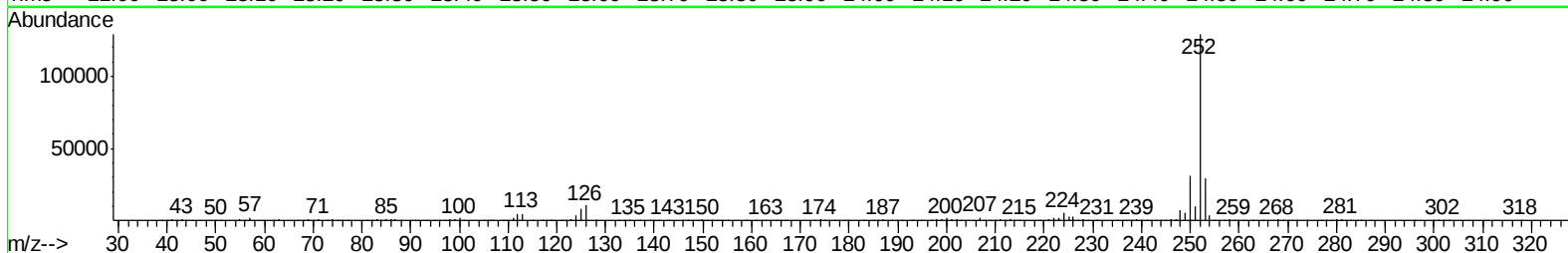
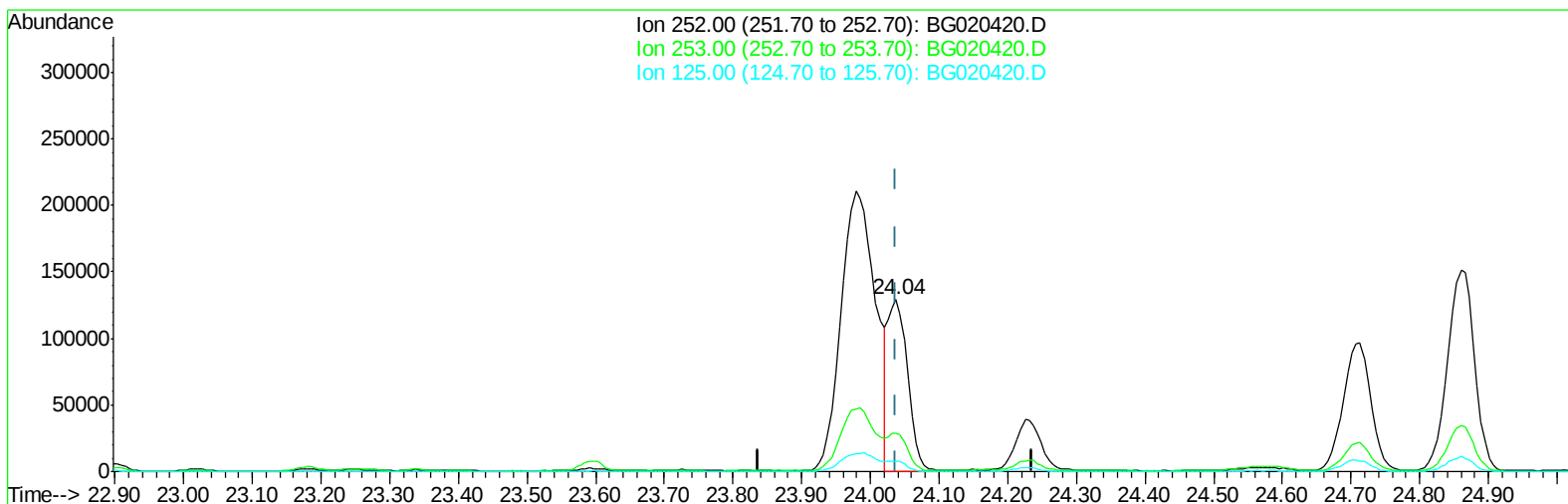
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Acq On : 22 Dec 2015 22:11
Operator : UM/SJ
Sample : G4848-05
Misc : MED LEVEL RX
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/24/2015 5:33:39 PM

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TIC: BG020420.D

(89) Benzo(k)fluoranthene

24.037min (+0.000) 23.22ng/ul m

response 260000

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.47
125.00	7.20	6.17
0.00	0.00	0.00

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 Acq On : 22 Dec 2015 22:11
 Operator : UM/SJ
 Sample : G4848-05
 Misc : MED LEVEL RX
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 D9N51ME

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:33:39 PM

Quant Time: Dec 23 07:30:17 2015
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 04:11:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	24643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	109370	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.72	164	78442	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	157573	20.00	ng/ul	0.01
78) Chrysene-d12	21.75	240	195777	20.00	ng/ul	0.01
86) Perylene-d12	25.01	264	193889	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1116	2.50	ng/uL	0.00
5) Phenol-d5	7.24	99	31274	14.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	21013	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	26294	16.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	27896	15.01	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	15826	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18636	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	31817	16.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	35187	16.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	110861	17.47	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	129923	17.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	14467	12.71	ng/ul	0.00
58) Fluorene-d10	15.72	176	99109	17.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	14218	15.22	ng/ul	0.04
71) Anthracene-d10	17.60	188	143145	19.72	ng/ul	0.04
79) Pyrene-d10	19.86	212	176797	19.38	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.79	264	202903	20.98	ng/ul	0.00

Target Compounds

					Qvalue
11) 2-Methylphenol	8.53	108	1896	1.07 ng/ul	93
16) 4-Methylphenol	8.86	108	3949	2.01 ng/ul	97
24) 2,4-Dimethylphenol	10.07	107	8881m	3.84 ng/ul	
28) Naphthalene	11.00	128	4613475	807.75 ng/ul#	69
34) 2-Methylnaphthalene	12.57	142	1922768	440.73 ng/ul	100
41) 1,1'-Biphenyl	13.56	154	776761	131.26 ng/ul	99
45) Dimethylphthalate	14.17	163	15640	2.41 ng/ul	96
48) Acenaphthylene	14.44	152	191751	24.45 ng/ul#	94
50) Acenaphthene	14.82	153	2809273	532.39 ng/ul#	87
54) Dibenzofuran	15.14	168	2729538	347.73 ng/ul#	78
59) Fluorene	15.80	166	2702425	428.72 ng/ul#	97
70) Phenanthrene	17.57	178	6963434m	807.92 ng/ul	
72) Anthracene	17.63	178	1066824	122.04 ng/ul#	92
75) Carbazole	17.88	167	618117	84.15 ng/ul	97
77) Fluoranthene	19.55	202	4936220	490.04 ng/ul#	62
80) Pyrene	19.91	202	3914075	330.32 ng/ul#	71
83) Benzo(a)anthracene	21.73	228	1418611	124.18 ng/ul	92
85) Chrysene	21.80	228	1197723	111.33 ng/ul	93
88) Benzo(b)fluoranthene	23.98	252	729011	62.47 ng/ul	97
89) Benzo(k)fluoranthene	24.04	252	260000m	23.22 ng/ul	
91) Benzo(a)pyrene	24.86	252	411209	37.17 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.73	276	132562	10.06 ng/ul	94
93) Dibenzo(a,h)anthracene	28.78	278	38901	3.56 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	29.90	276	98084	9.08	ng/ul#	93

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

