

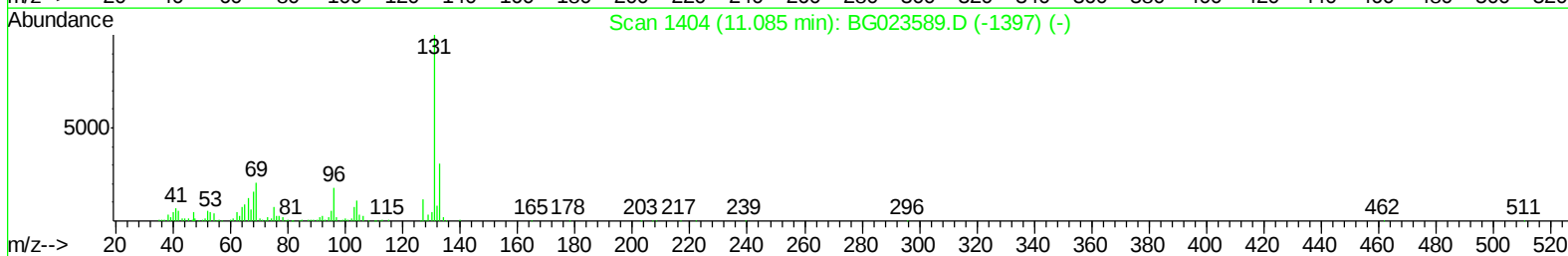
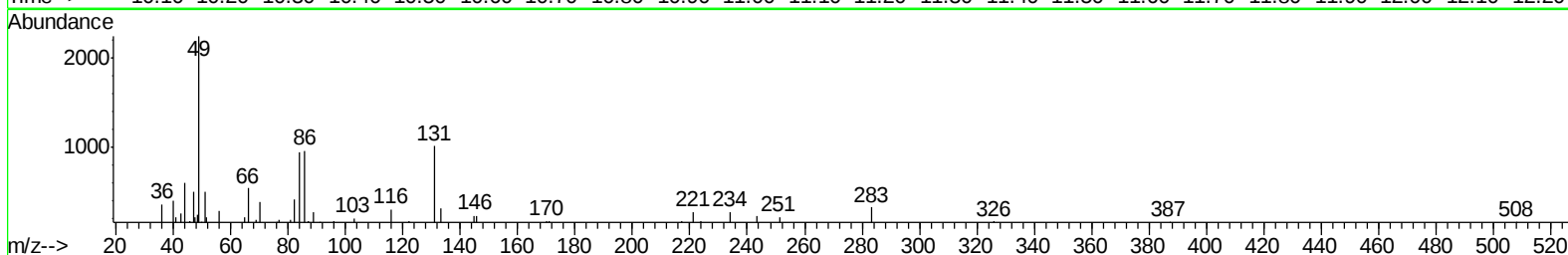
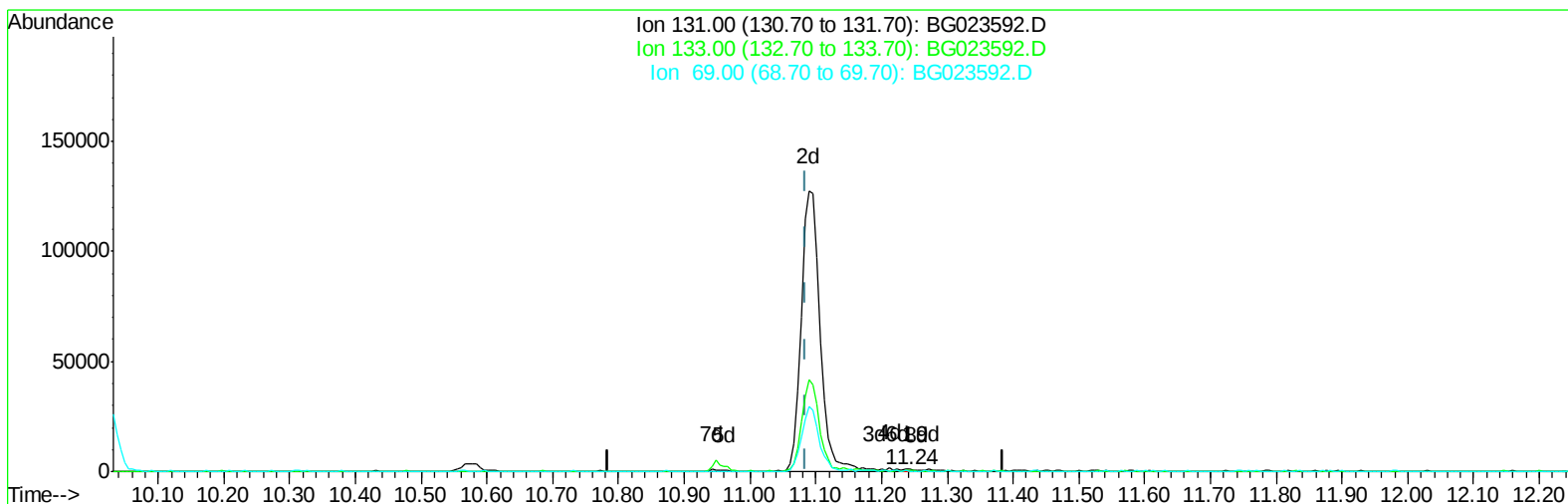
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023592.D
Acq On : 10 Aug 2016 15:01
Operator : UM/SJ
Sample : H4360-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0002-01

Quant Time: Aug 11 03:58:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023592.D

(29) 4-Chloroaniline-d4 (S)

11.242min (+0.157) 0.05ng/ul

response 698

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	31.42
69.00	15.40	18.38
0.00	0.00	0.00

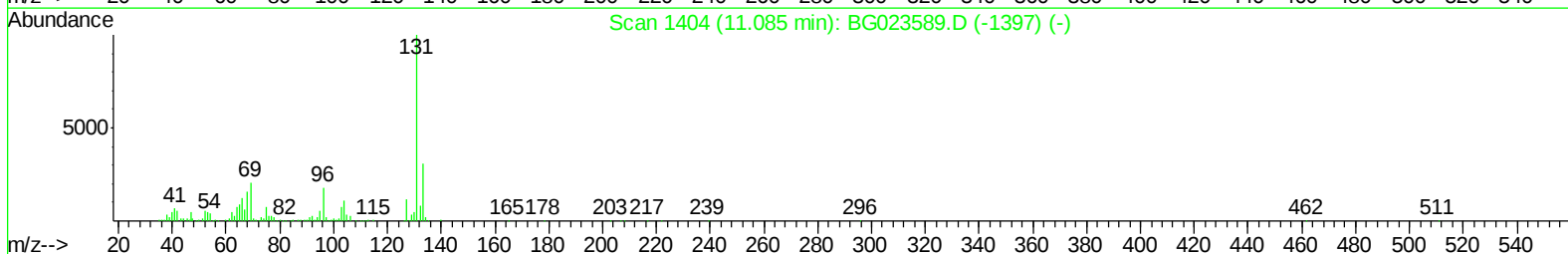
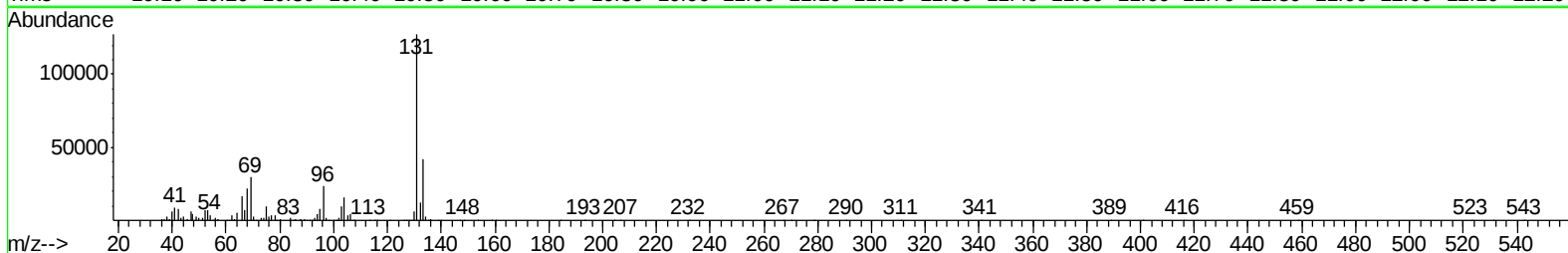
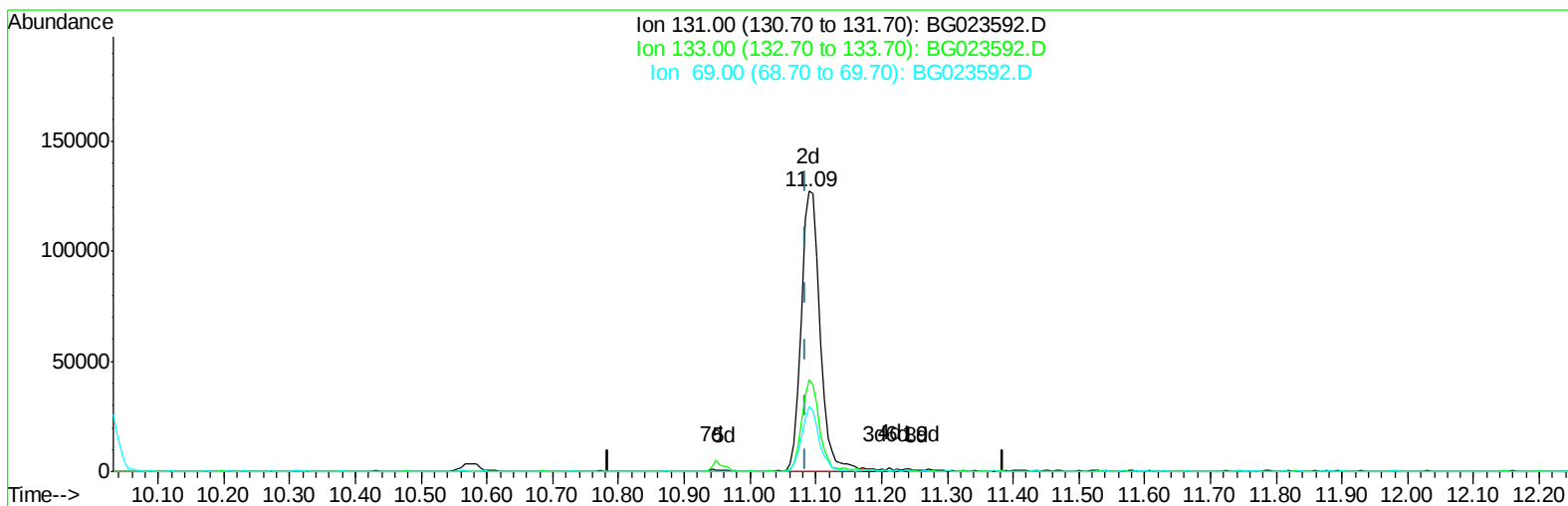
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023592.D
Acq On : 10 Aug 2016 15:01
Operator : UM/SJ
Sample : H4360-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG023592.D

(29) 4-Chloroaniline-d4 (S)

11.089min (+0.005) 18.92ng/ul m

response 256903

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	32.85
69.00	15.40	23.23#
0.00	0.00	0.00

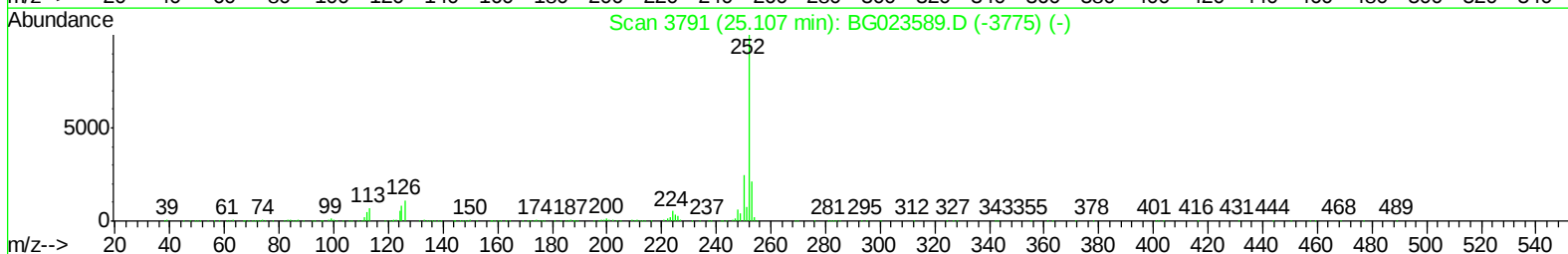
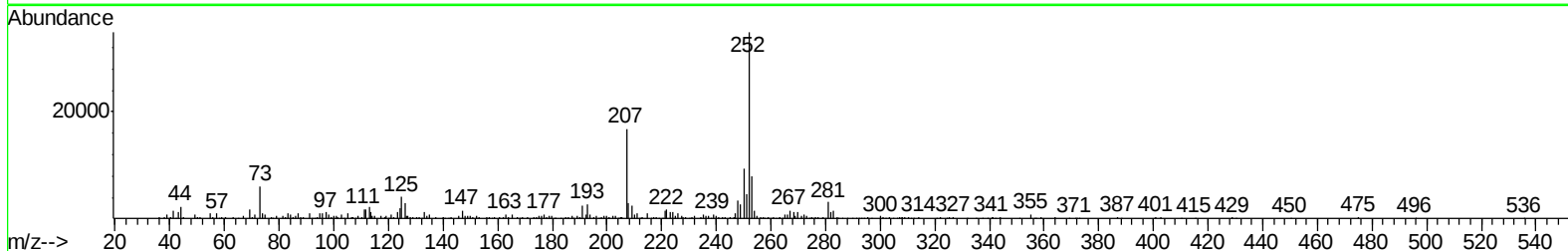
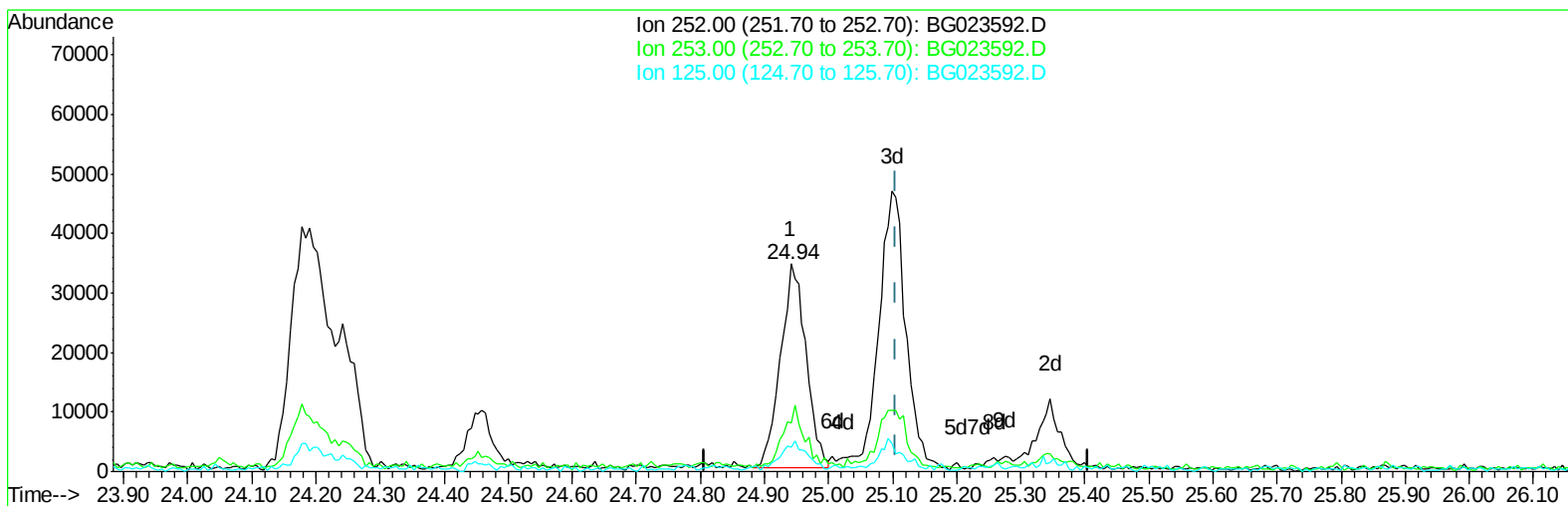
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023592.D
Acq On : 10 Aug 2016 15:01
Operator : UM/SJ
Sample : H4360-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0002-01

Manual Integrations
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Quant Time: Aug 11 03:58:24 2016
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TIC: BG023592.D

(88) Benzo(a)pyrene (C)

24.941min (-0.166) 1.50ng/ul

response 96216

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.26
125.00	15.00	12.01
0.00	0.00	0.00

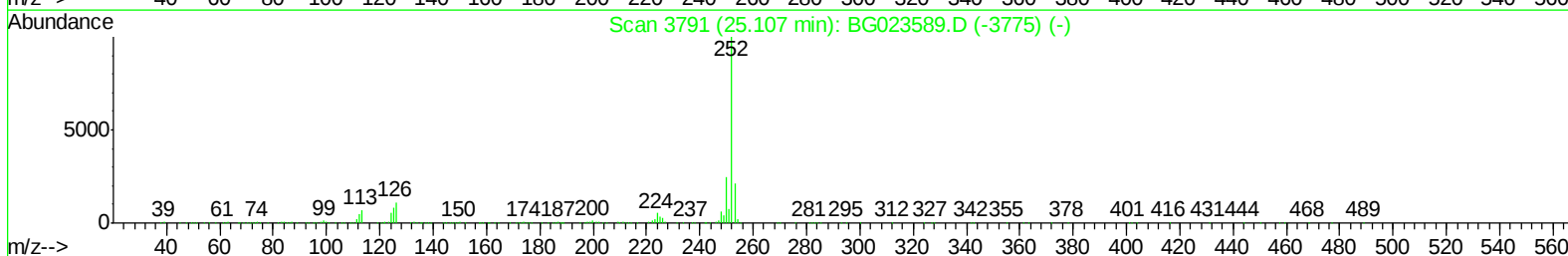
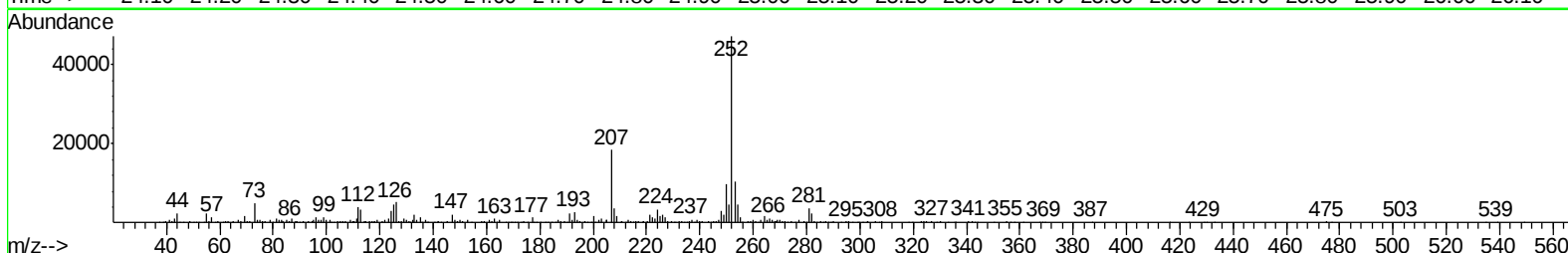
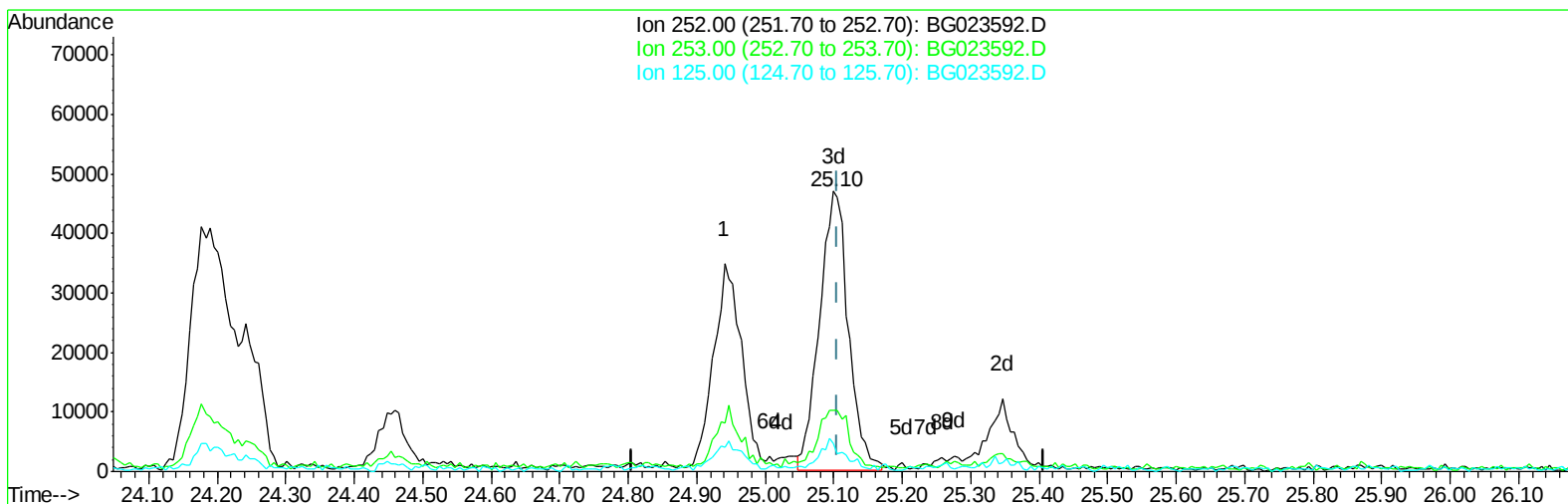
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023592.D
Acq On : 10 Aug 2016 15:01
Operator : UM/SJ
Sample : H4360-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0002-01

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Manual Integrations
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TIC: BG023592.D

(88) Benzo(a)pyrene (C)

25.100min (-0.007) 2.12ng/ul m

response 135681

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.03
125.00	15.00	10.04#
0.00	0.00	0.00

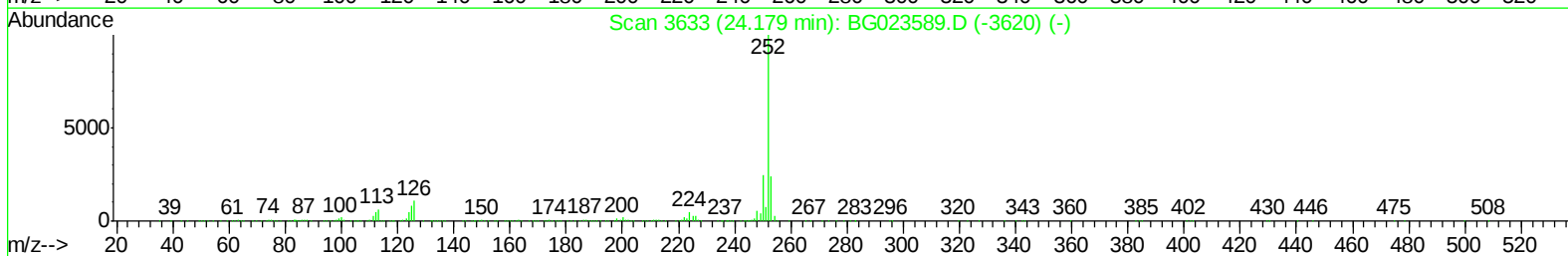
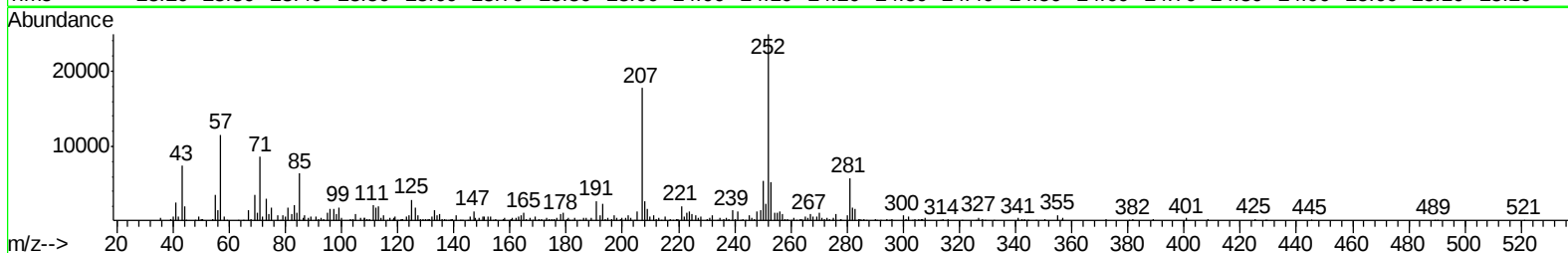
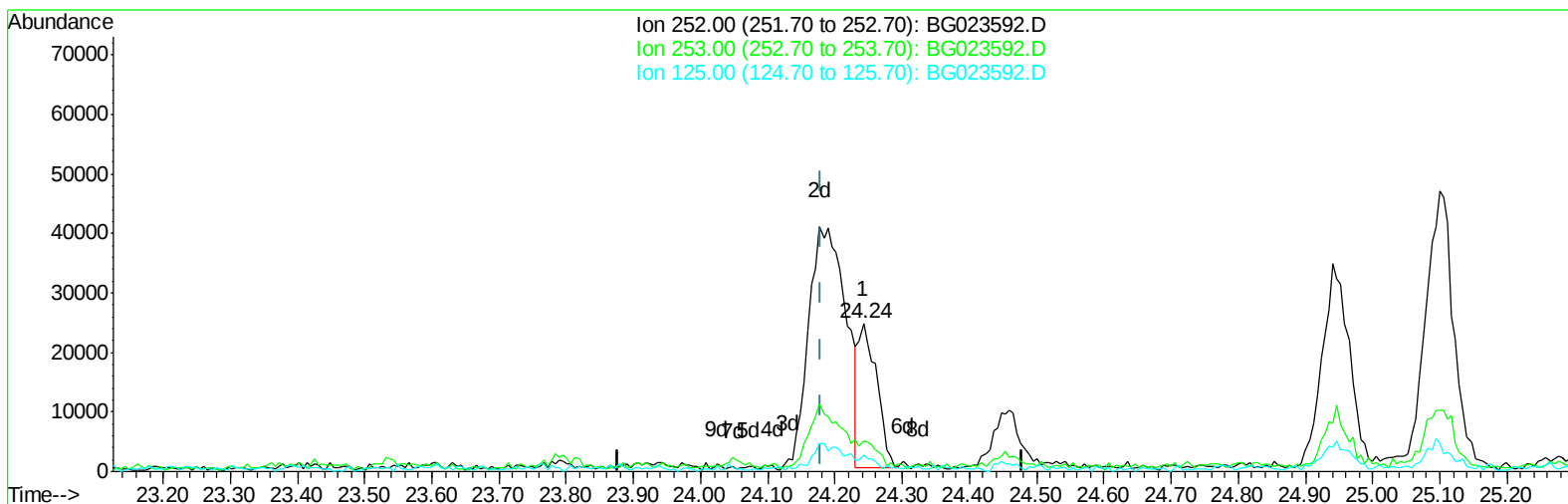
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023592.D
Acq On : 10 Aug 2016 15:01
Operator : UM/SJ
Sample : H4360-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0002-01

Quant Time: Aug 11 04:15:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023592.D

(85) Benzo(b)fluoranthene

24.242min (+0.063) 0.68ng/ul

response 45380

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	21.09
125.00	13.50	11.52
0.00	0.00	0.00

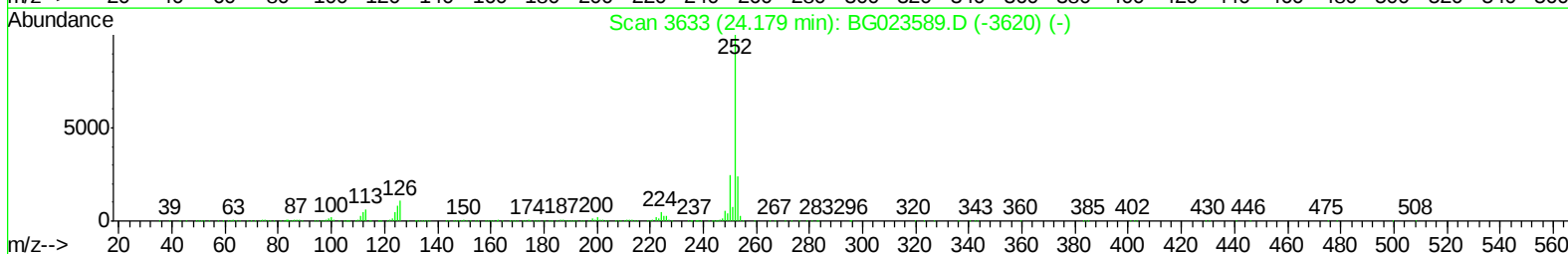
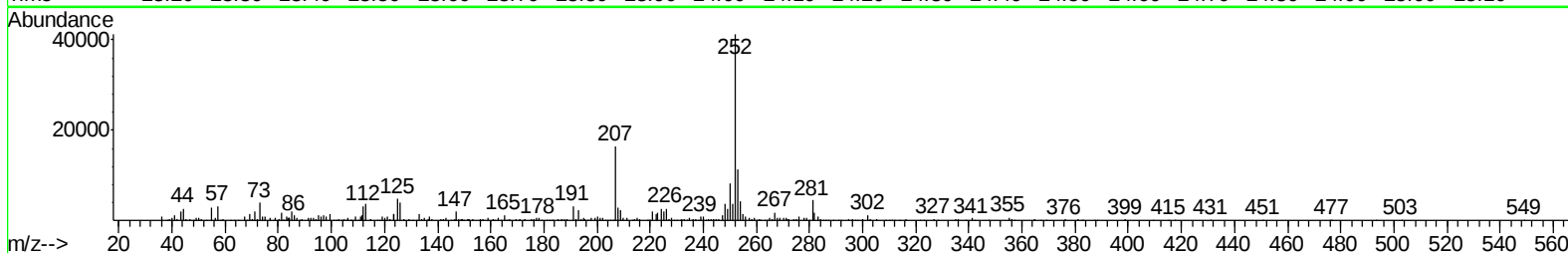
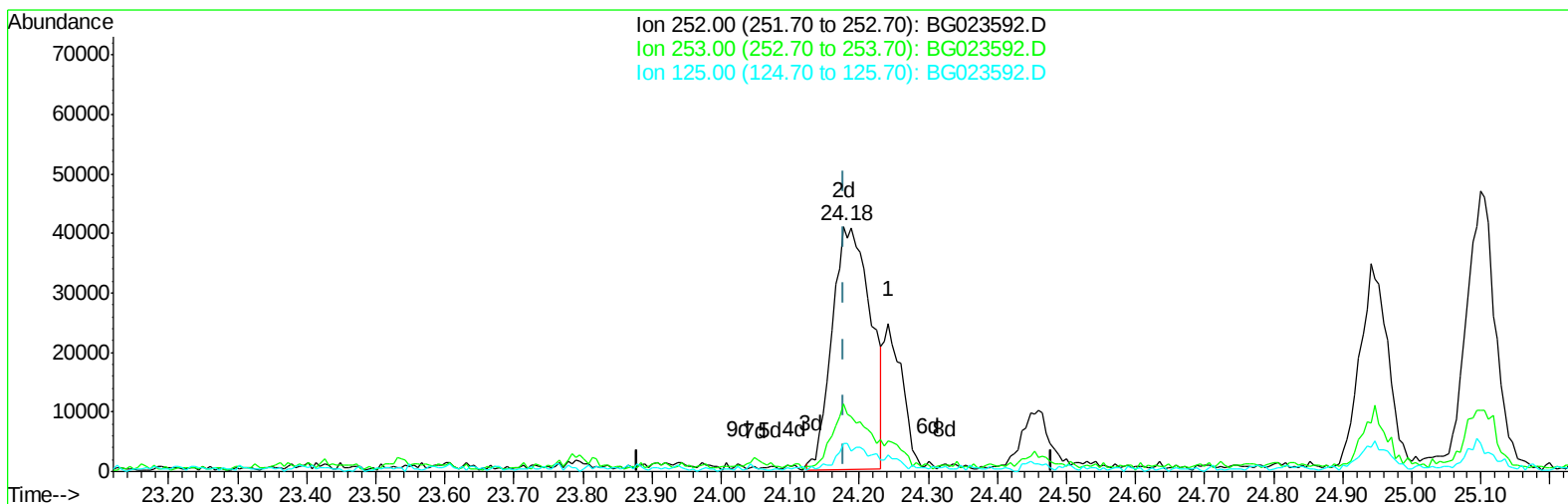
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023592.D
Acq On : 10 Aug 2016 15:01
Operator : UM/SJ
Sample : H4360-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0002-01

Manual Integrations
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Quant Time: Aug 11 04:15:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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Response via : Initial Calibration



TIC: BG023592.D

(85) Benzo(b)fluoranthene

24.177min (-0.001) 2.37ng/ul m

response 157040

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	27.45#
125.00	13.50	11.68
0.00	0.00	0.00

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 Operator : UM/SJ
 Sample : H4360-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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Quant Time: Aug 11 04:16:23 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	148754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	677639	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	485301	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1162268	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1172723	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1166600	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	5682	1.62	ng/uL	0.00
5) Phenol-d5	7.27	99	257729	17.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	176355	18.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	183035	17.90	ng/ul	0.01
13) 4-Methylphenol-d8	8.83	113	199439	17.05	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	99686	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	107680	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	209550	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	256903m	18.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	781202	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	886393	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	113760	16.77	ng/ul	0.02
57) Fluorene-d10	15.78	176	726198	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	125683	16.86	ng/ul	0.00
70) Anthracene-d10	17.65	188	1086750	20.75	ng/ul	0.00
76) Pyrene-d10	19.94	212	1183073	19.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1089535	20.63	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	588054	14.95	ng/ul	99
69) Phenanthrene	17.59	178	397663	6.61	ng/ul	98
74) Fluoranthene	19.60	202	356323	5.78	ng/ul#	93
77) Pyrene	19.97	202	551828	7.61	ng/ul	95
80) Benzo(a)anthracene	21.85	228	198434	3.00	ng/ul	96
82) Chrysene	21.92	228	223938	3.73	ng/ul	100
85) Benzo(b)fluoranthene	24.18	252	157040m	2.37	ng/ul	
88) Benzo(a)pyrene	25.10	252	135681m	2.12	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	76290	1.22	ng/ul#	83

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

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0002-01

Manual Integrations
APPROVED

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