

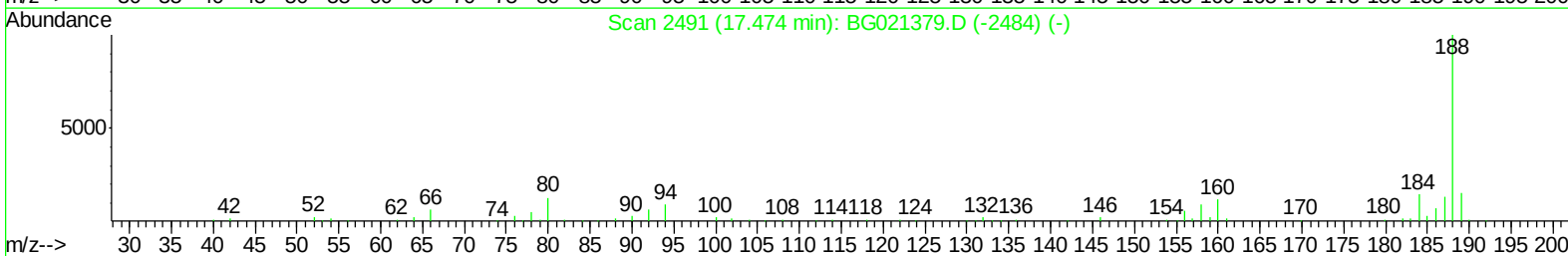
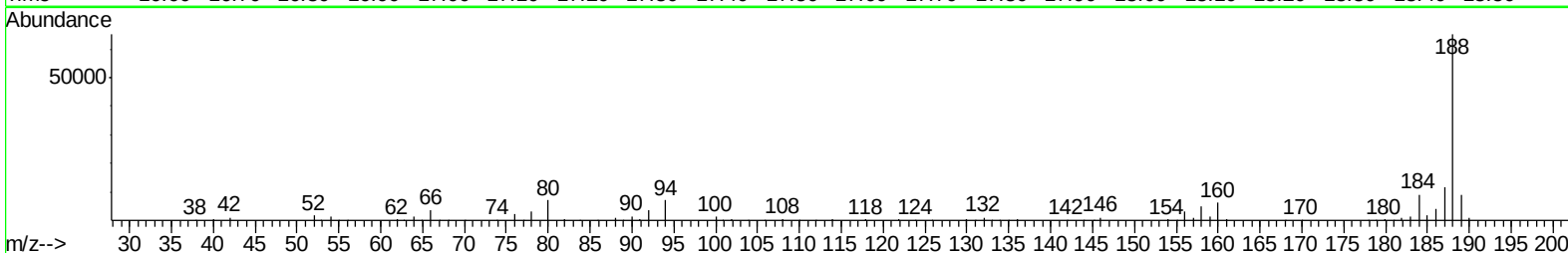
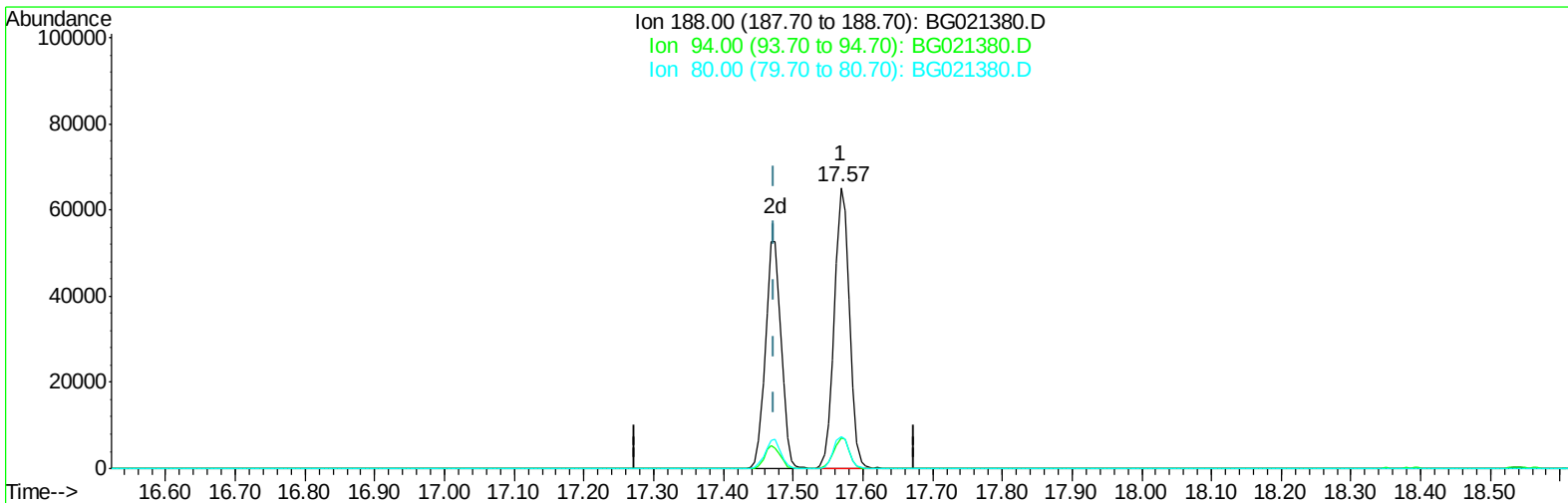
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:04:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



TIC: BG021380.D

(62) Phenanthrene-d10 (I)

17.568min (+0.094) 20.00ng/ul

response 98154

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	10.97
80.00	10.60	11.15
0.00	0.00	0.00

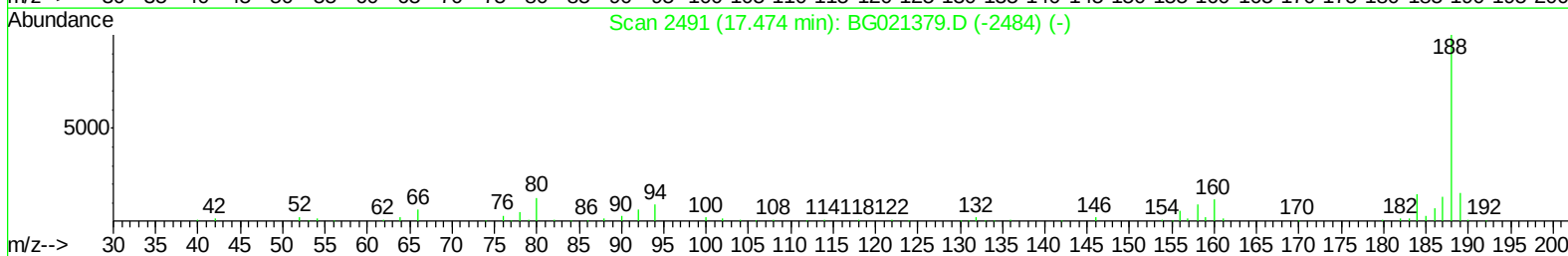
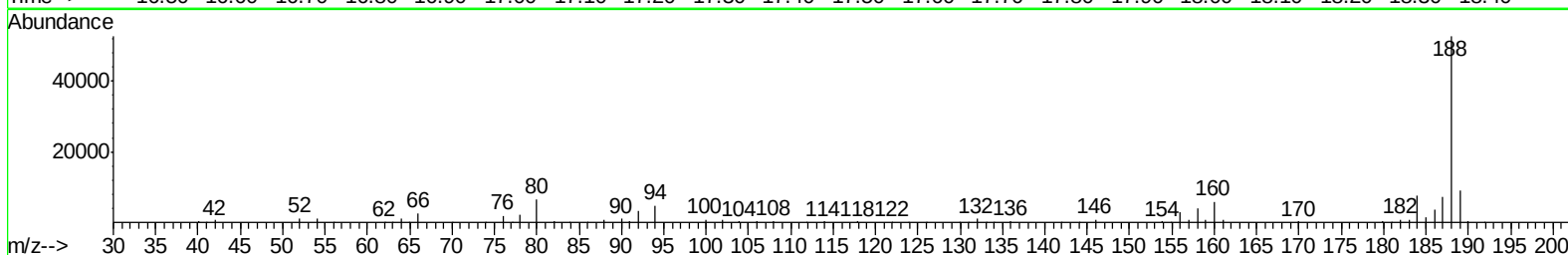
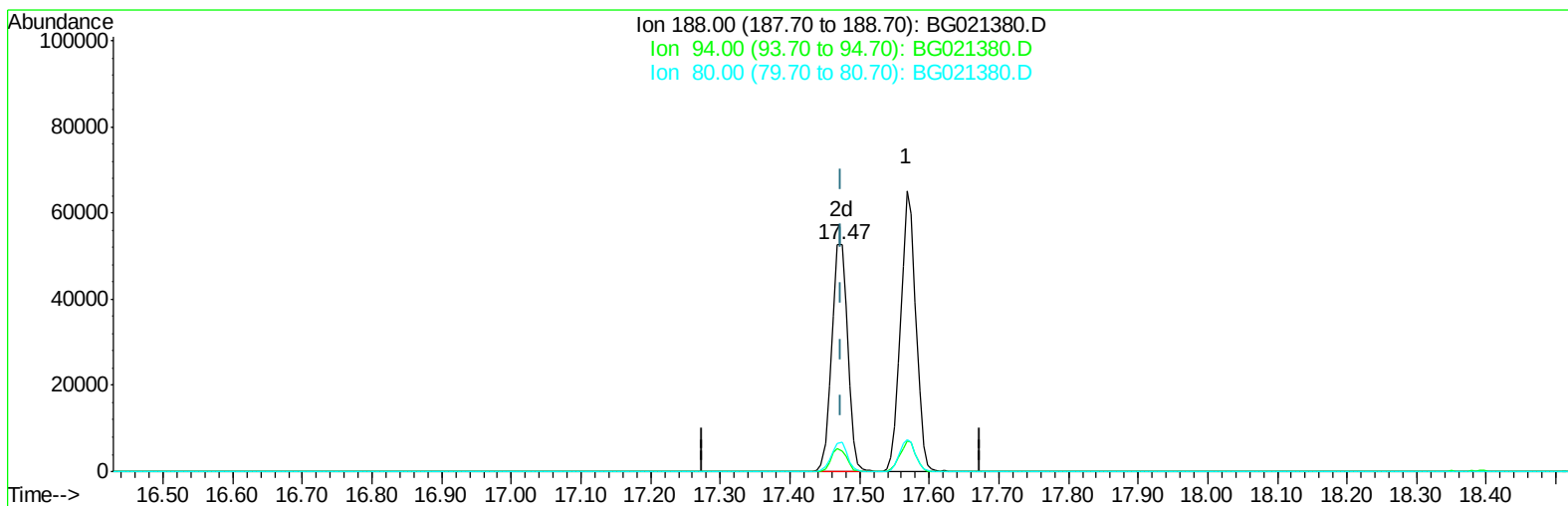
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
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Quant Time: Mar 09 02:04:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



TIC: BG021380.D

(62) Phenanthrene-d10 (I)

17.474min (+0.000) 20.00ng/ul m

response 83897

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	9.26
80.00	10.60	12.78#
0.00	0.00	0.00

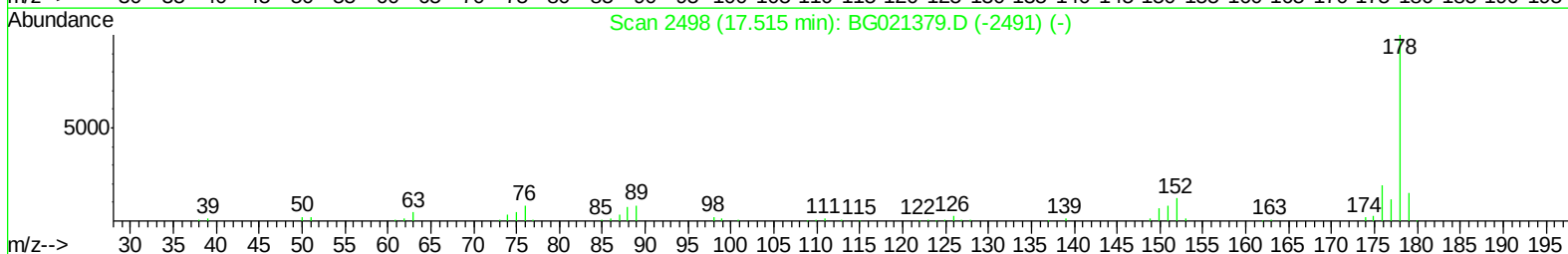
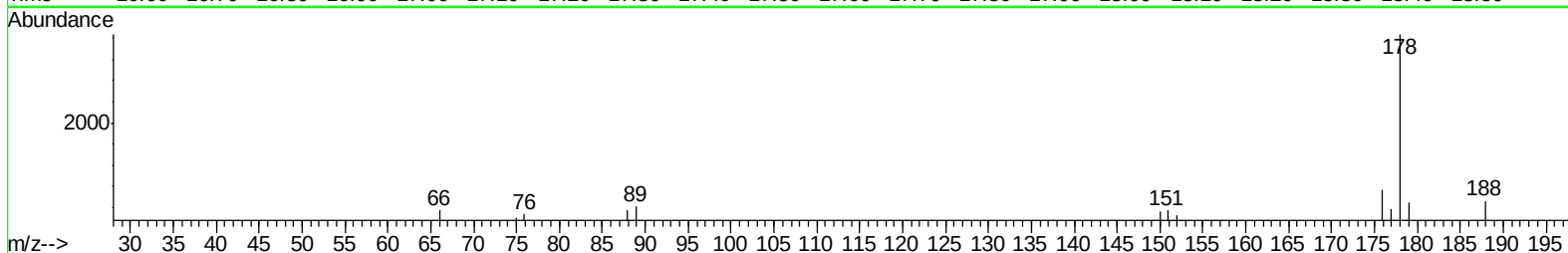
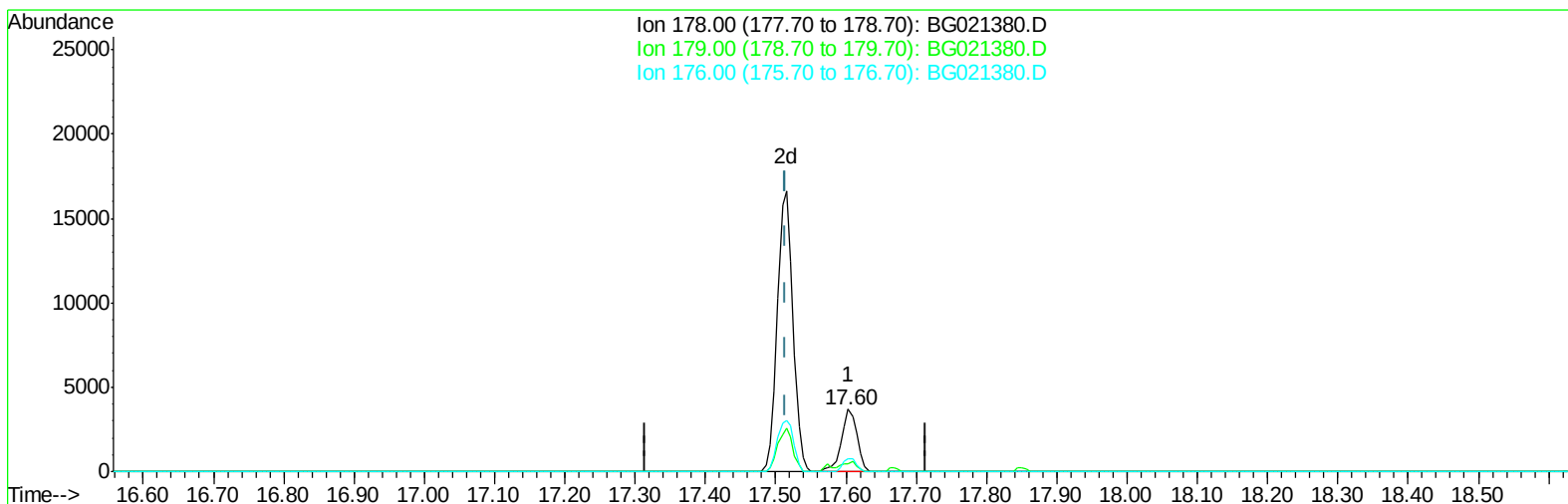
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:45:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



TIC: BG021380.D

(70) Phenanthrene

17.603min (+0.088) 1.13ng/ul

response 5632

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	13.34
176.00	18.90	20.29
0.00	0.00	0.00

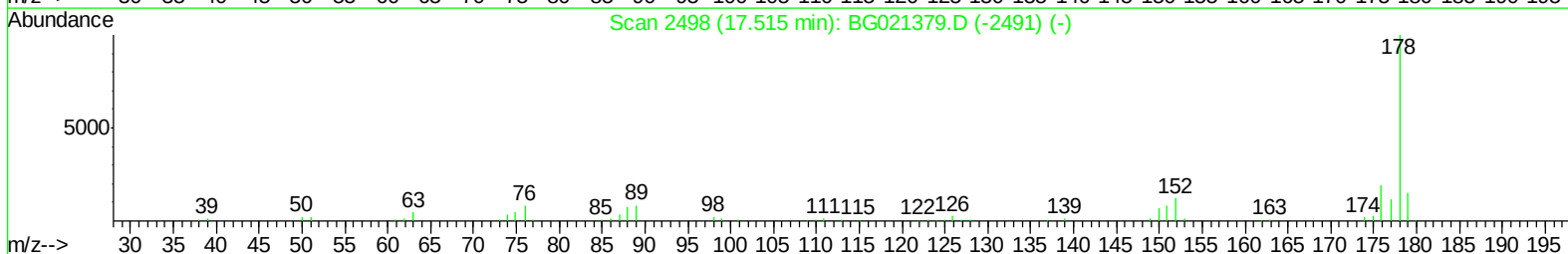
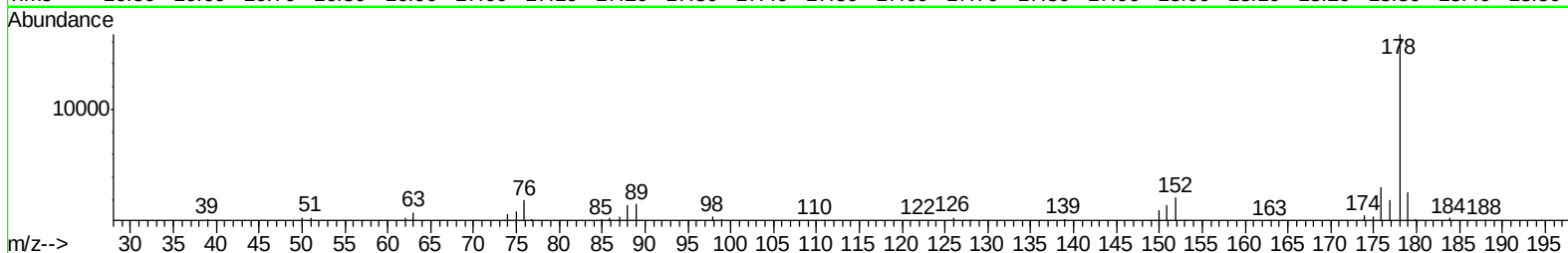
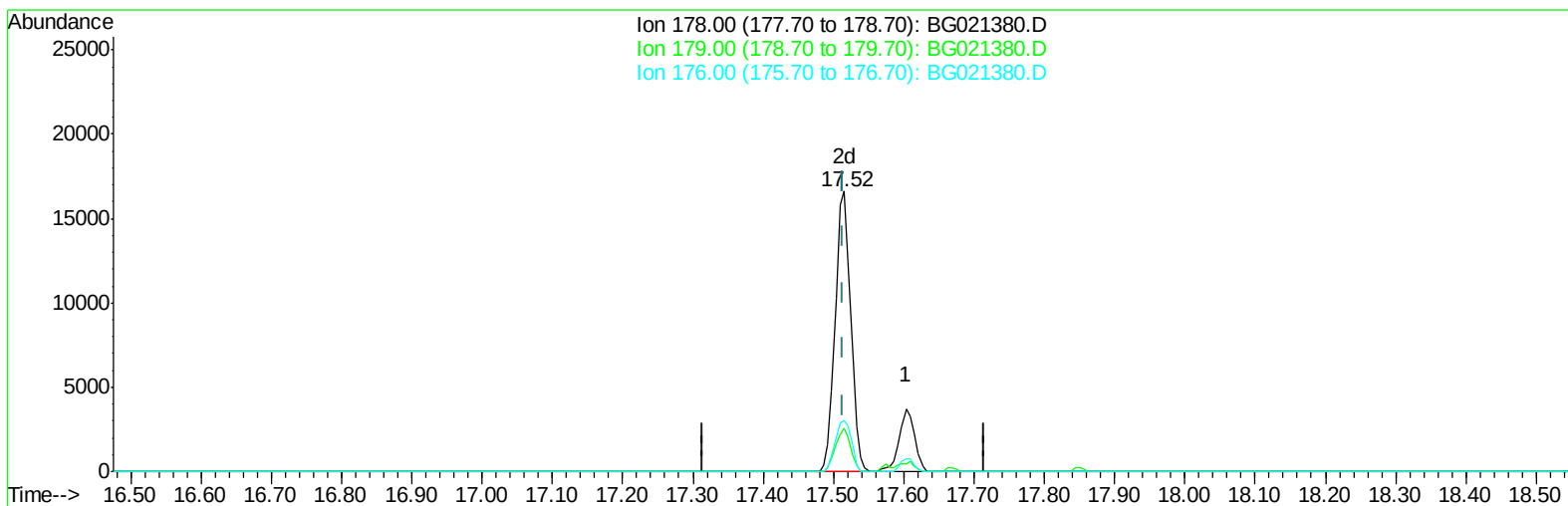
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:45:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



TIC: BG021380.D

(70) Phenanthrene

17.515min (+0.000) 5.13ng/ul m

response 25569

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.57
176.00	18.90	18.39
0.00	0.00	0.00

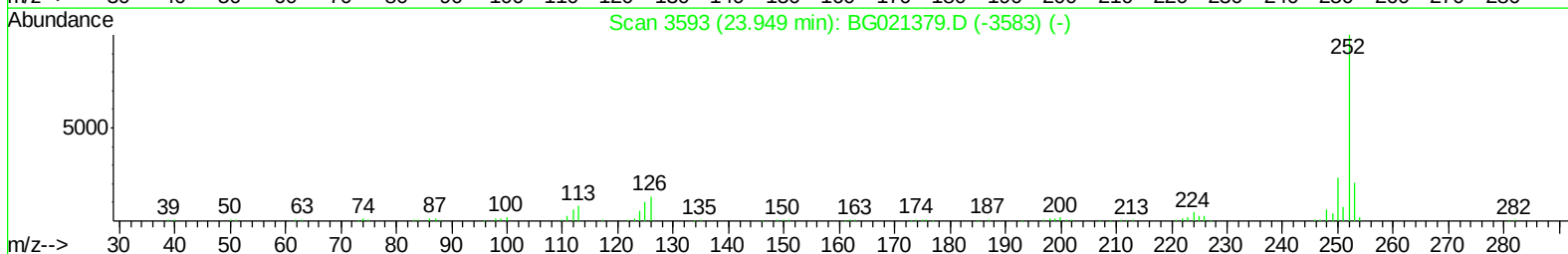
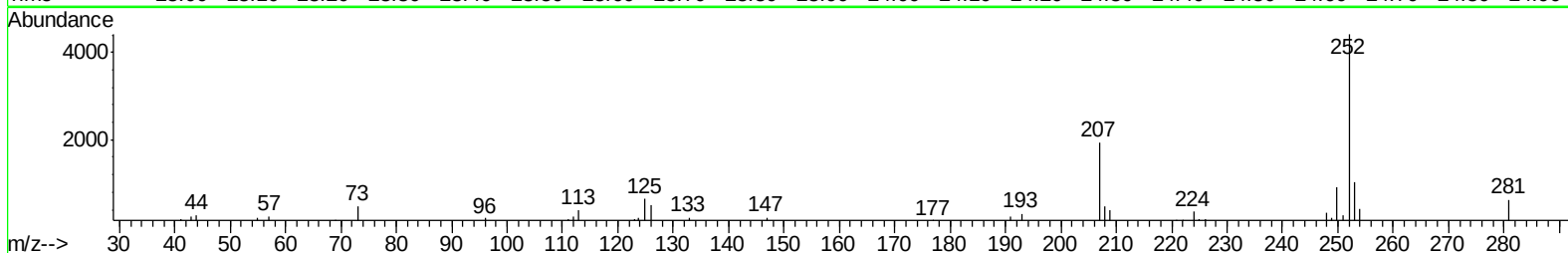
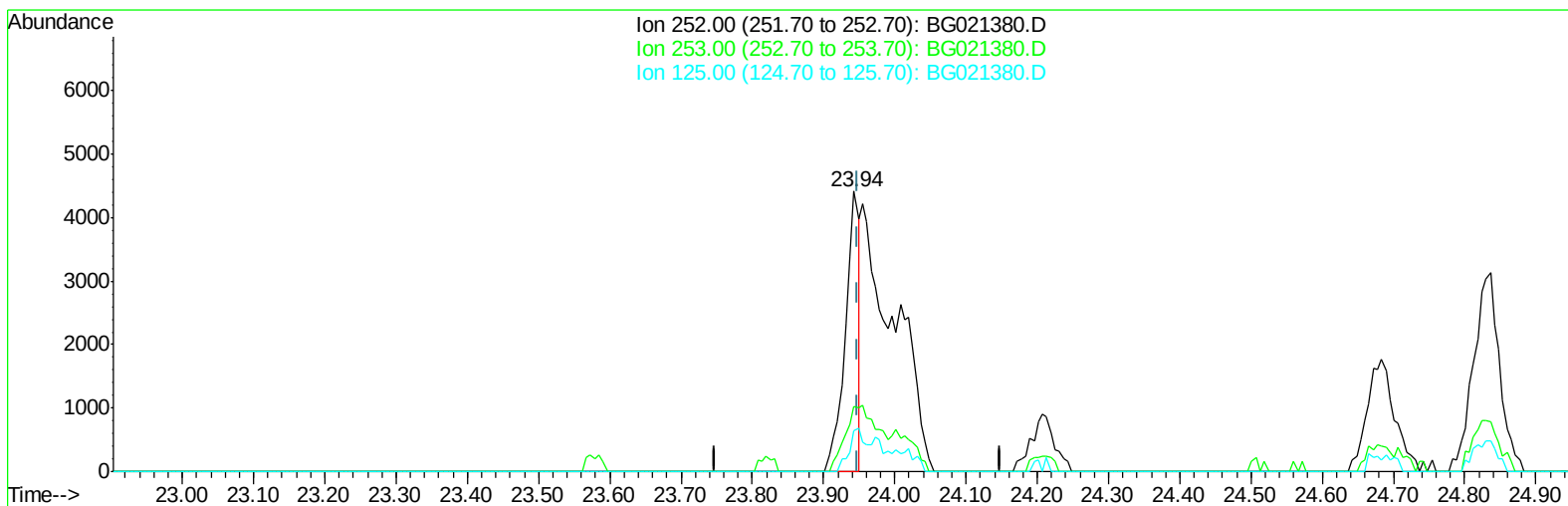
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:46:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



TIC: BG021380.D

(88) Benzo(b)fluoranthene

23.943min (-0.006) 1.05ng/ul

response 6017

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.24
125.00	10.00	14.43#
0.00	0.00	0.00

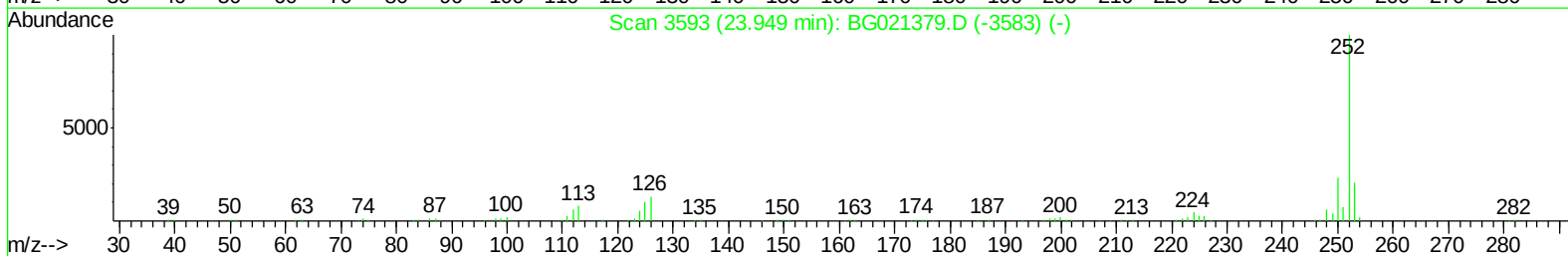
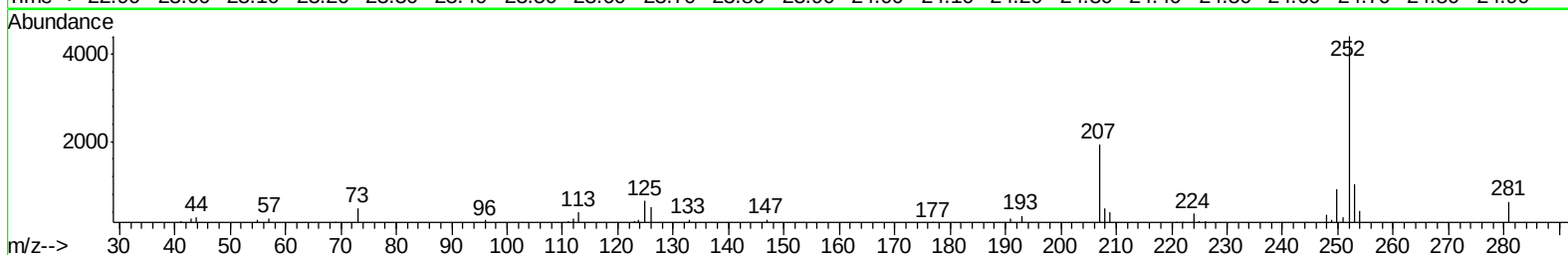
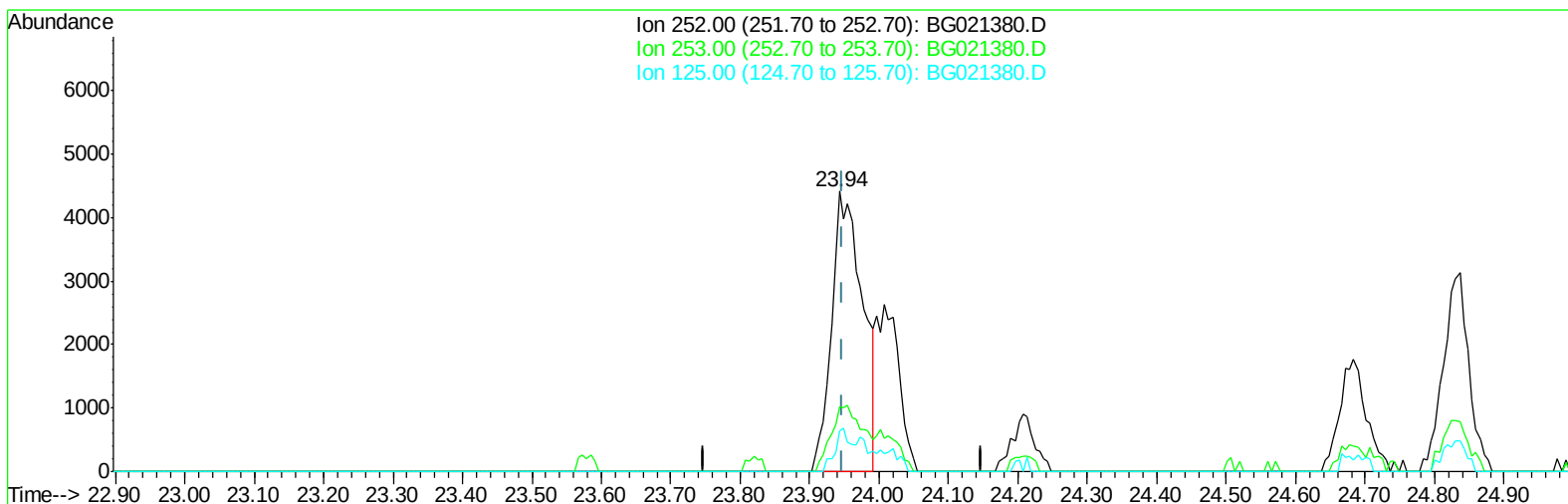
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:46:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



TIC: BG021380.D

(88) Benzo(b)fluoranthene

23.943min (-0.006) 2.37ng/ul m

response 13571

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.24
125.00	10.00	14.43#
0.00	0.00	0.00

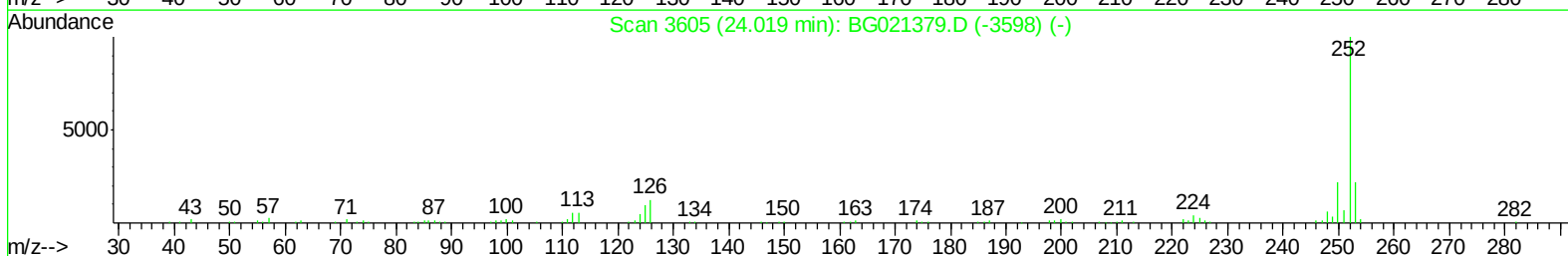
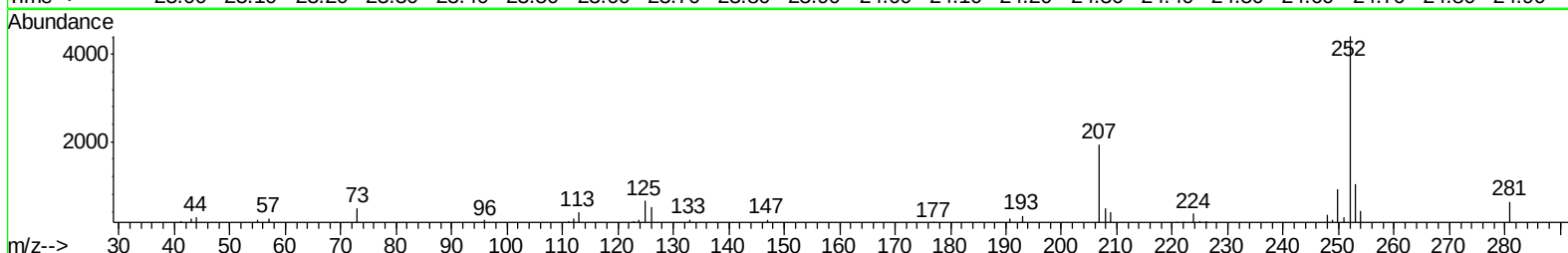
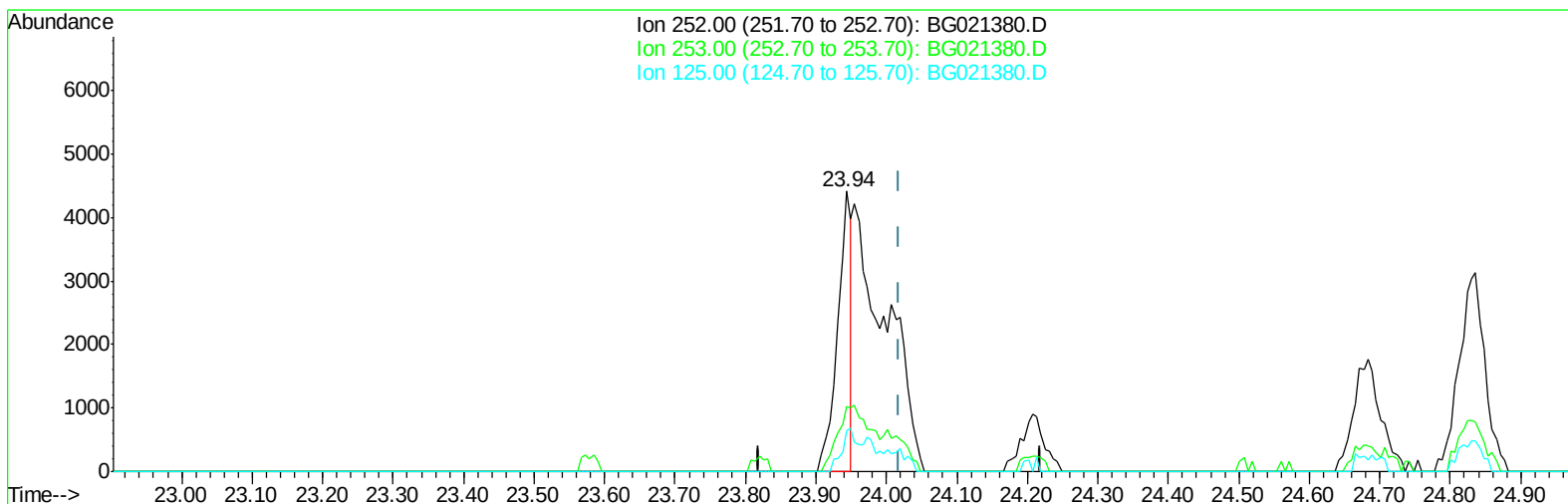
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:47:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration



TIC: BG021380.D

(89) Benzo(k)fluoranthene

23.943min (-0.076) 1.08ng/ul

response 6017

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.24
125.00	10.10	14.43#
0.00	0.00	0.00

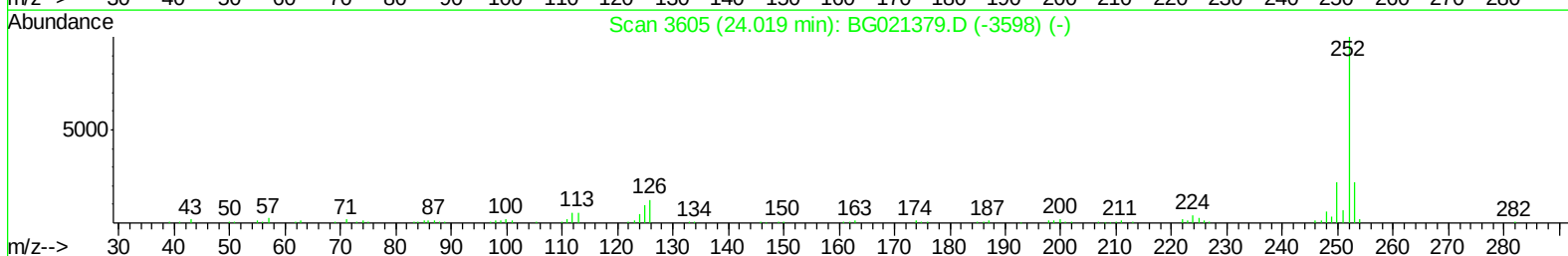
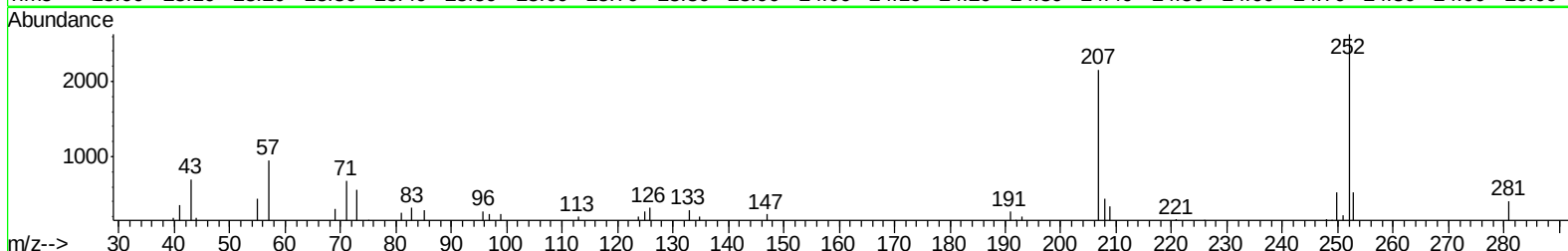
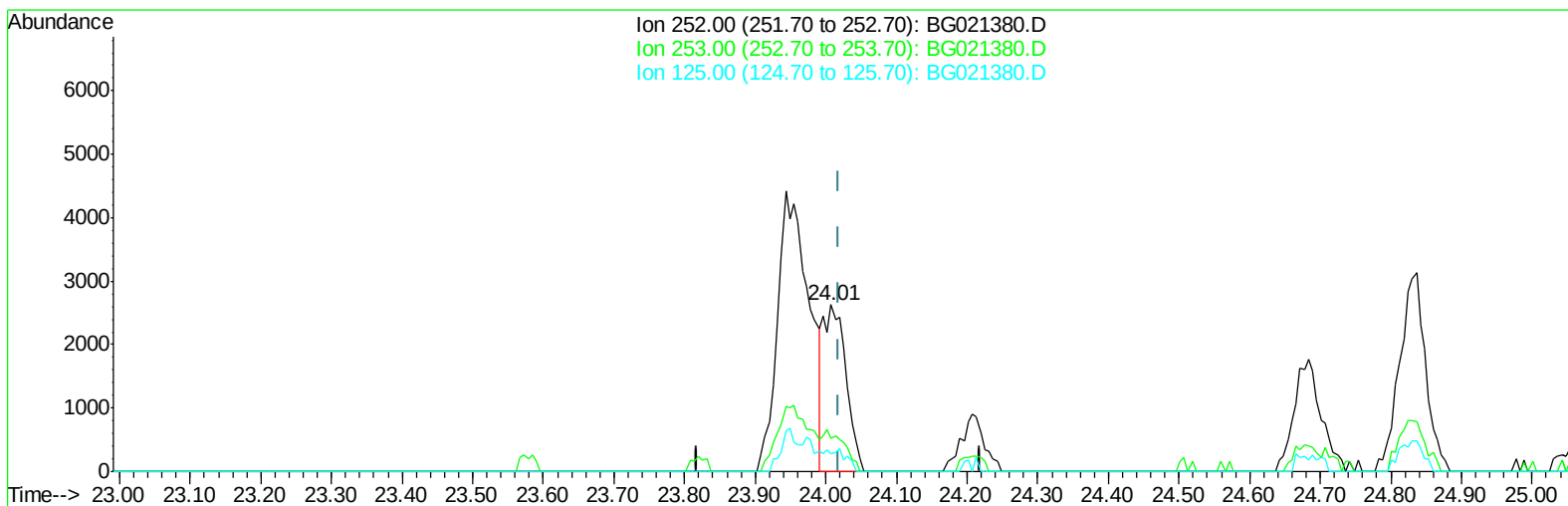
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:47:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG021380.D

(89) Benzo(k)fluoranthene

24.008min (-0.011) 1.07ng/ul m

response 5926

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	19.70
125.00	10.10	10.48
0.00	0.00	0.00

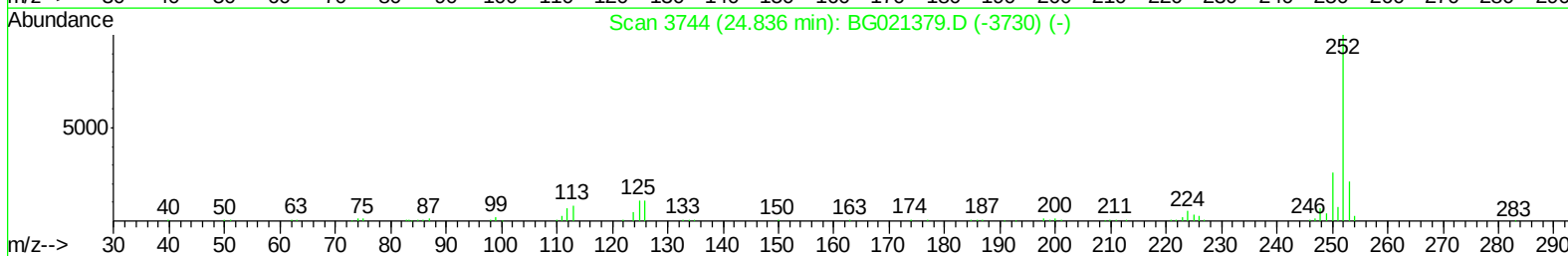
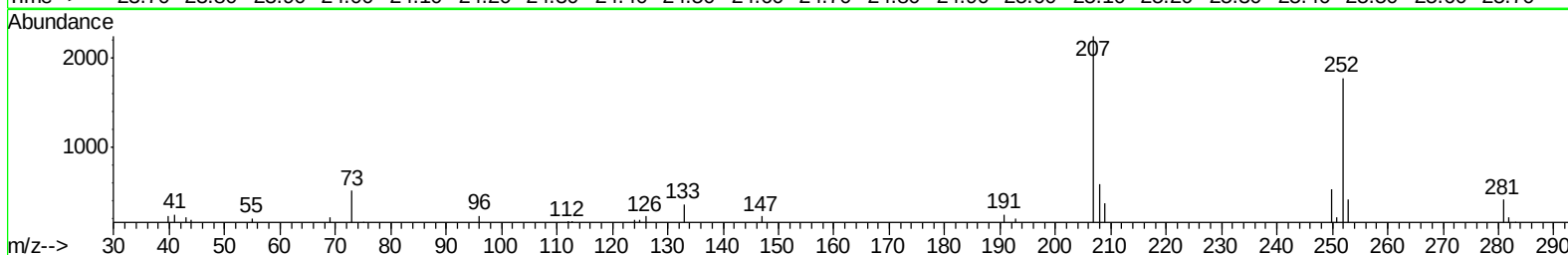
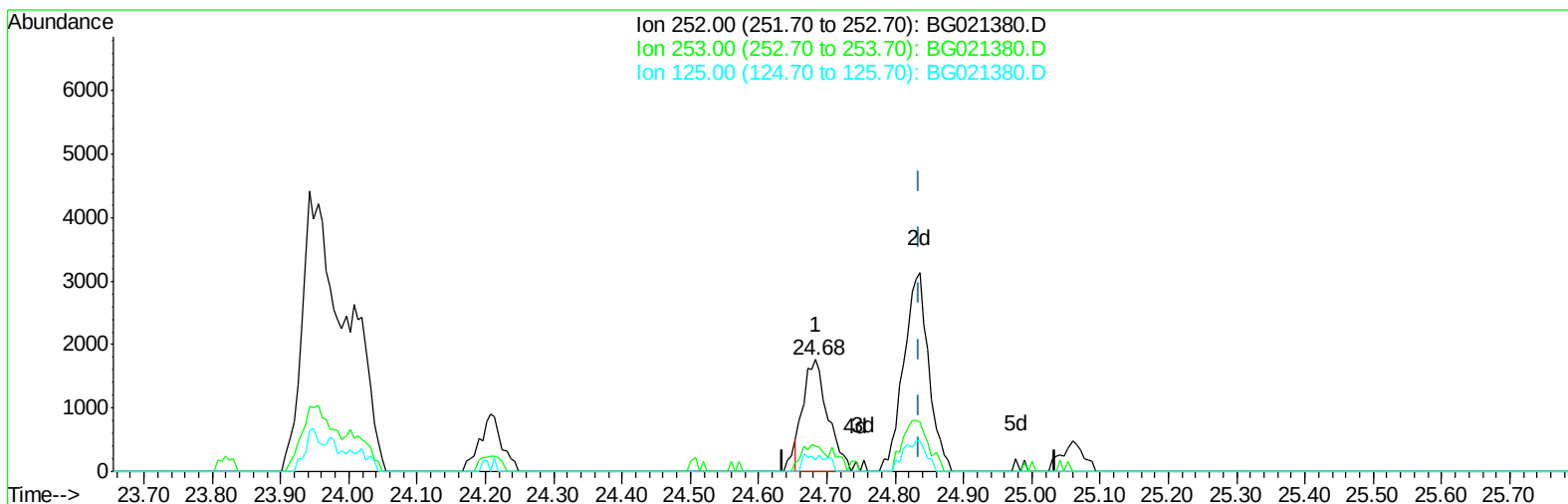
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:48:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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Response via : Initial Calibration



TIC: BG021380.D

(91) Benzo(a)pyrene (C)

24.683min (-0.152) 0.79ng/ul

response 4379

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.92
125.00	10.30	10.53
0.00	0.00	0.00

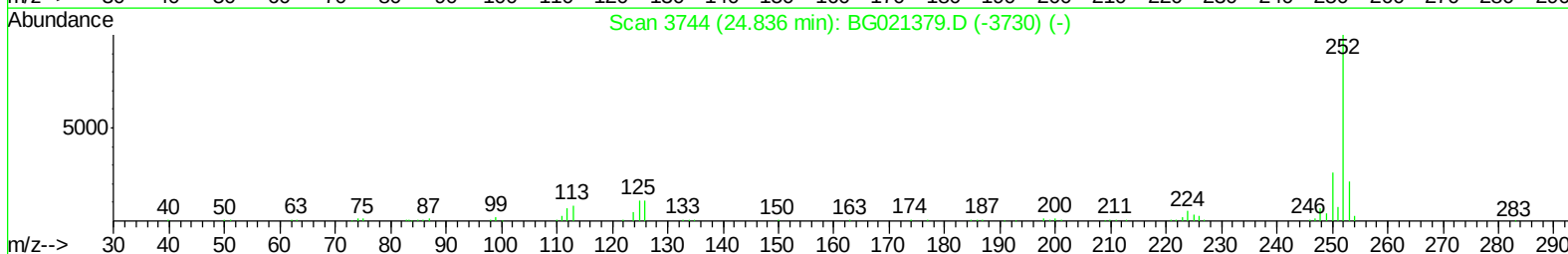
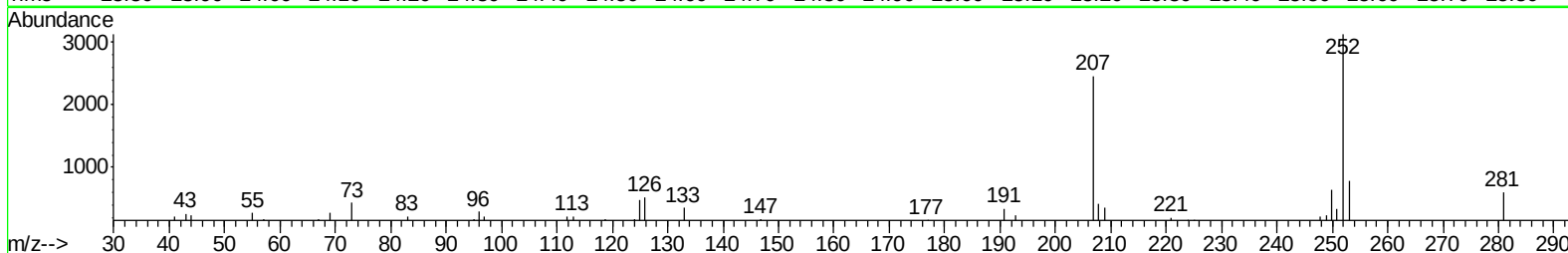
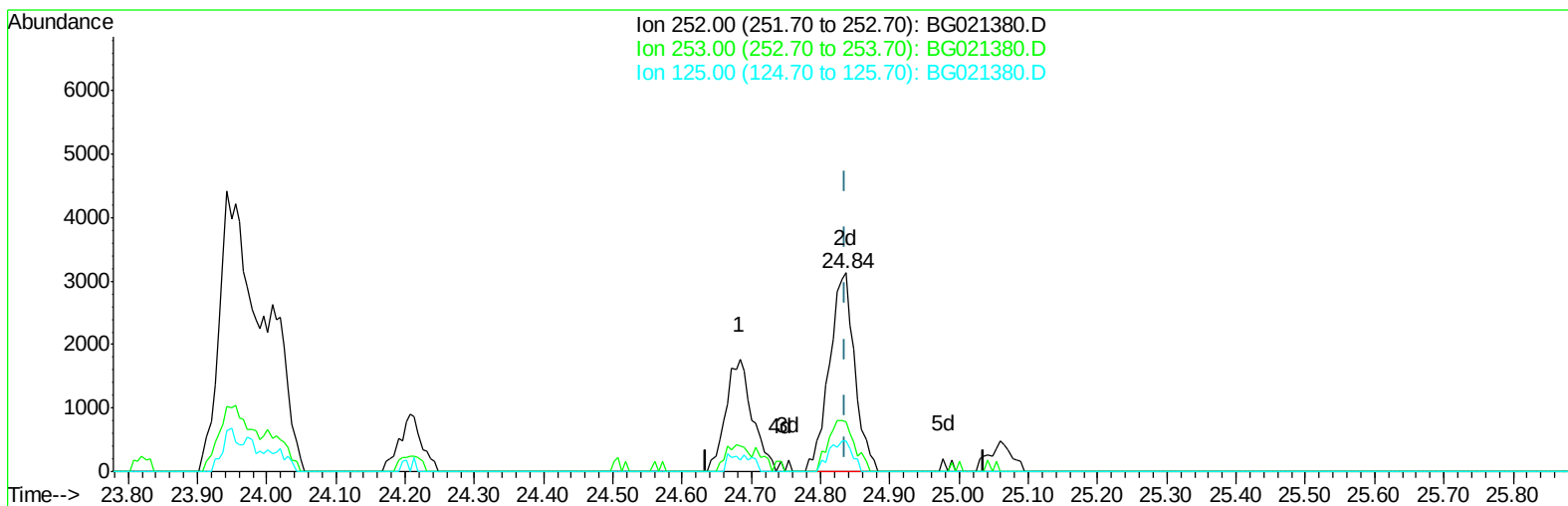
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021380.D
Acq On : 8 Mar 2016 23:48
Operator : UM/SJ
Sample : H1655-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:48:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG021380.D

(91) Benzo(a)pyrene (C)

24.836min (+0.000) 1.44ng/ul m

response 7973

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	25.07
125.00	10.30	15.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021380.D
 Acq On : 8 Mar 2016 23:48
 Operator : UM/SJ
 Sample : H1655-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-B280

Manual Integrations
 APPROVED

UMANGI
 3/9/2016 9:28:15 AM

Quant Time: Mar 09 02:49:42 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	13272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	63173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	36434	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	83897m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	89597	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	83994	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1184	3.72	ng/uL	0.00
5) Phenol-d5	7.27	99	29656	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	21165	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	21384	22.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	22898	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10910	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11858	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	19763	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	27741	23.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	66930	22.22	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	87312	22.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10407	17.54	ng/ul	0.00
58) Fluorene-d10	15.72	176	61757	23.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	10292	17.48	ng/ul	0.00
71) Anthracene-d10	17.57	188	98154	23.73	ng/ul	0.00
79) Pyrene-d10	19.84	212	106420	23.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	90507	20.25	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.18	163	12791	3.95	ng/ul	98
70) Phenanthrene	17.52	178	25569m	5.13	ng/ul	
72) Anthracene	17.60	178	5632	1.11	ng/ul	97
77) Fluoranthene	19.51	202	29840	5.10	ng/ul	97
80) Pyrene	19.87	202	23872	4.02	ng/ul#	95
83) Benzo(a)anthracene	21.71	228	14597	2.54	ng/ul	98
85) Chrysene	21.77	228	12854	2.40	ng/ul	99
88) Benzo(b)fluoranthene	23.94	252	13571m	2.37	ng/ul	
89) Benzo(k)fluoranthene	24.01	252	5926m	1.07	ng/ul	
91) Benzo(a)pyrene	24.84	252	7973m	1.44	ng/ul	

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

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Data File : BG021380.D
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Instrument :
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