

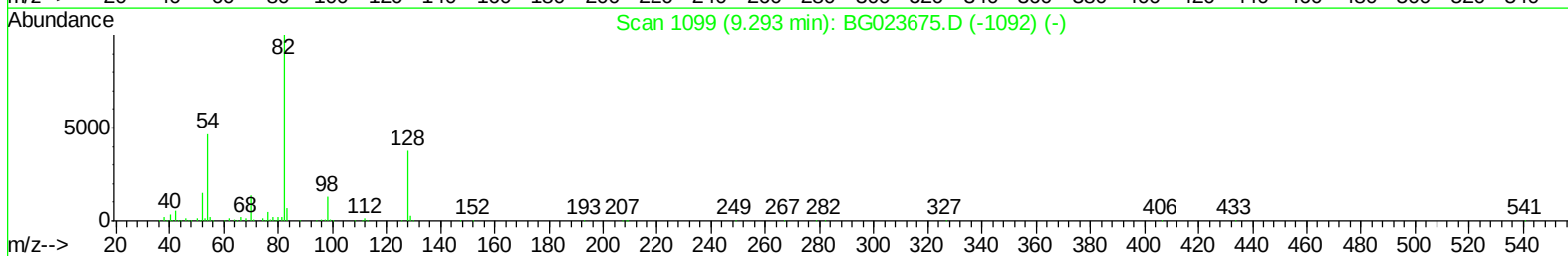
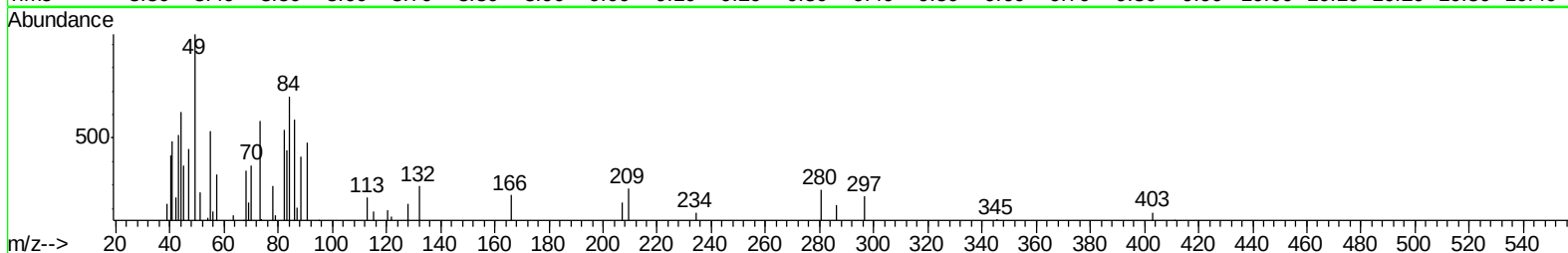
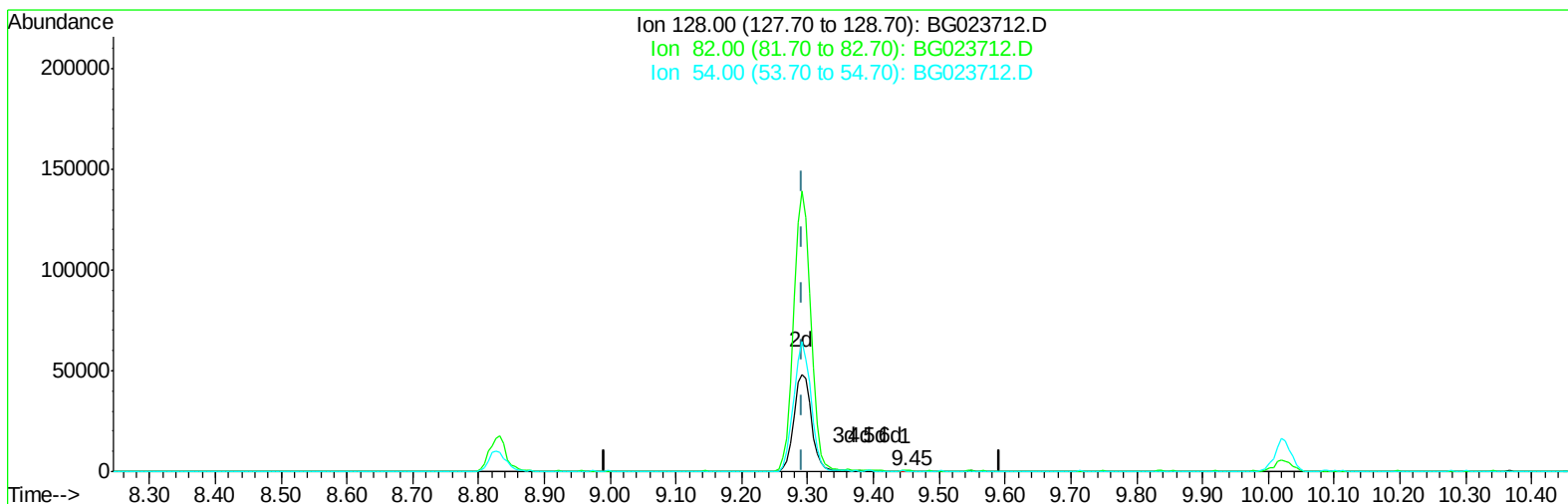
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:27:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(19) Nitrobenzene-d5 (S)

9.449min (+0.157) 0.03ng/ul

response 137

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	242.99
54.00	78.50	71.95
0.00	0.00	0.00

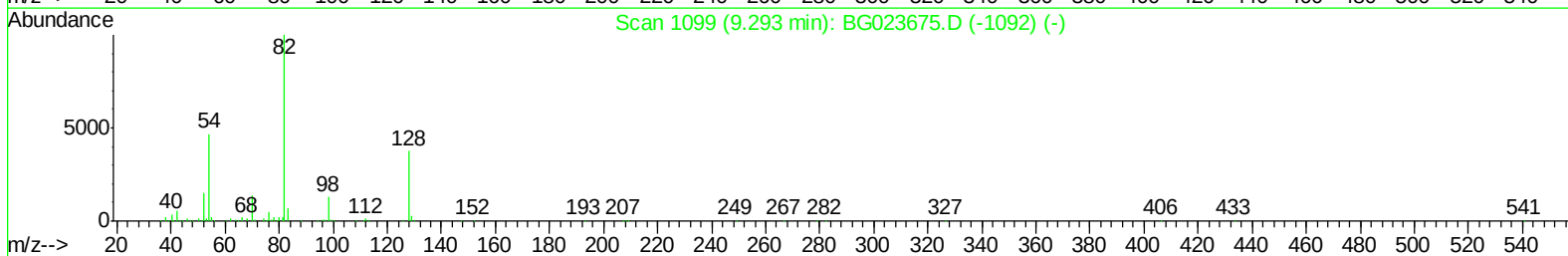
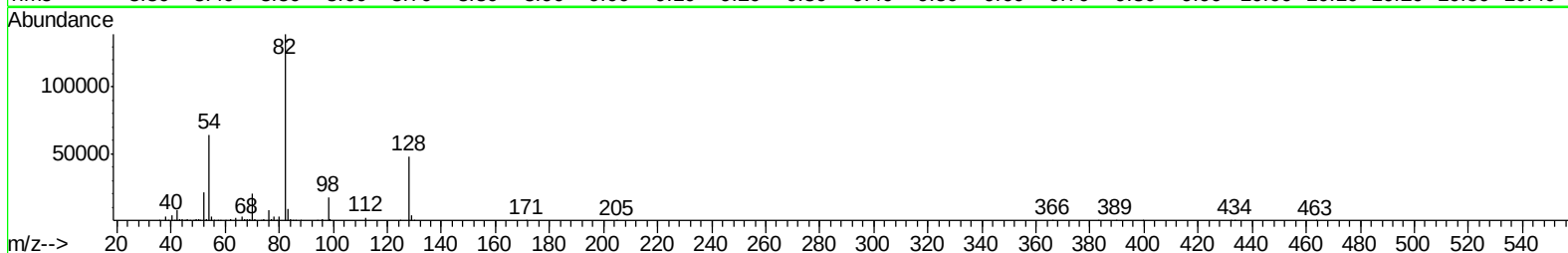
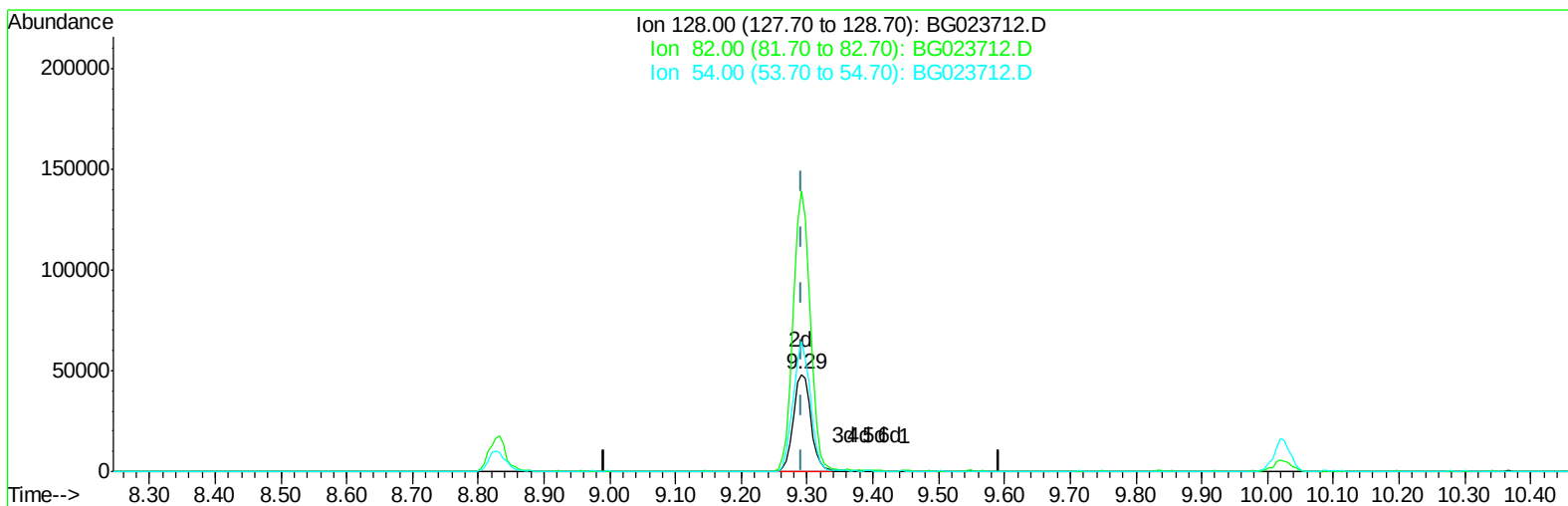
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:27:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(19) Nitrobenzene-d5 (S)

9.291min (-0.002) 21.22ng/ul m

response 90104

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	288.46#
54.00	78.50	133.36#
0.00	0.00	0.00

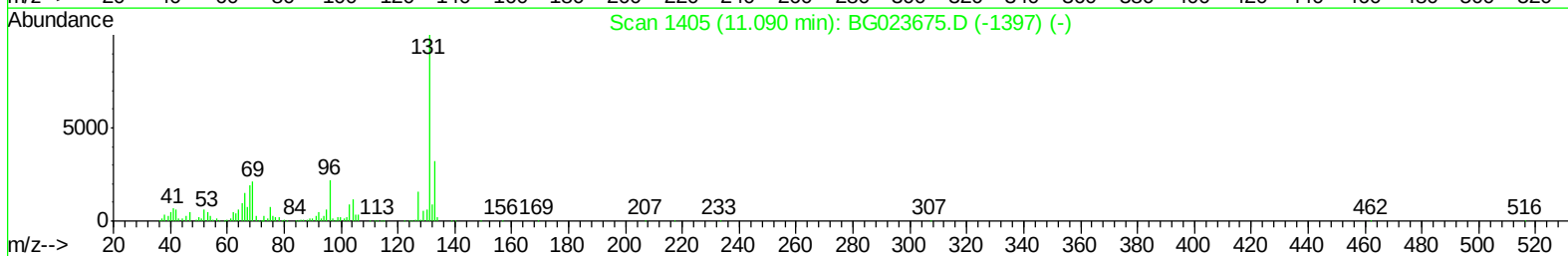
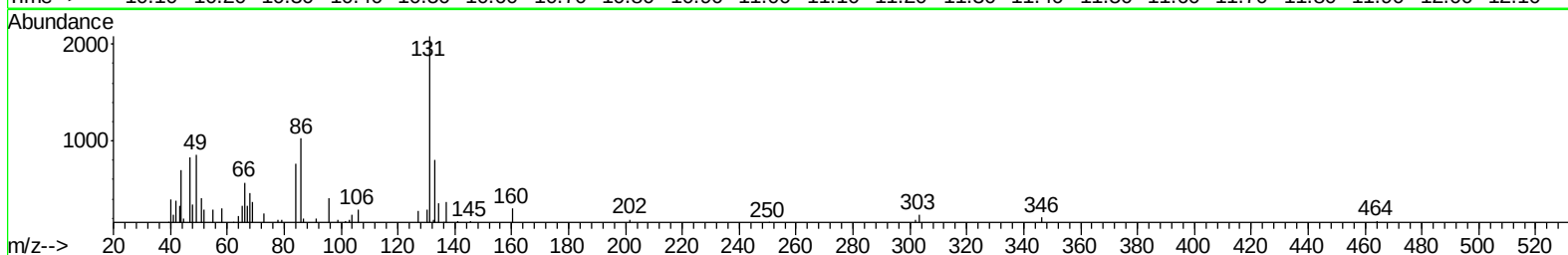
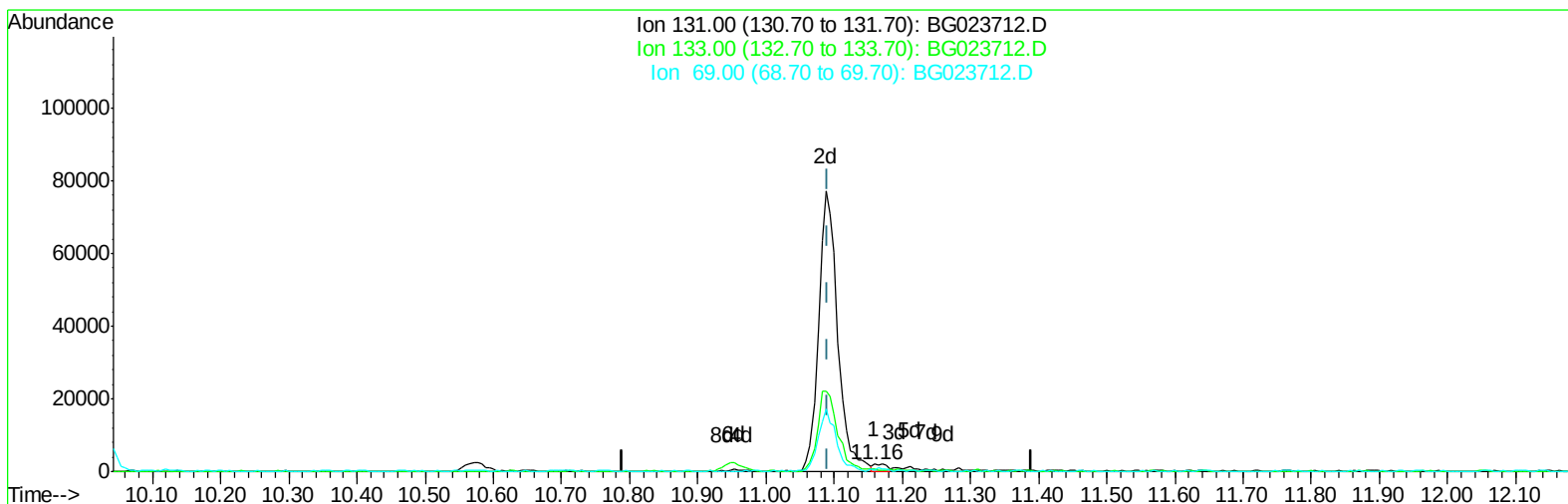
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:27:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(29) 4-Chloroaniline-d4 (S)
11.159min (+0.068) 0.26ng/ul
response 2758

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	38.33
69.00	15.40	17.92
0.00	0.00	0.00

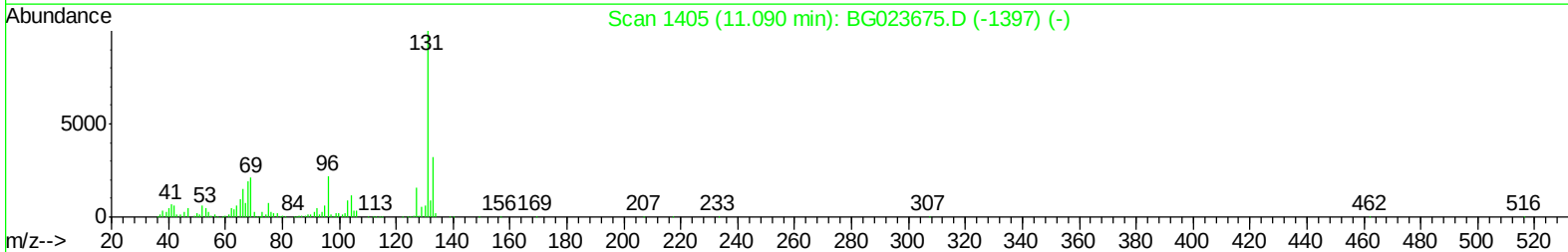
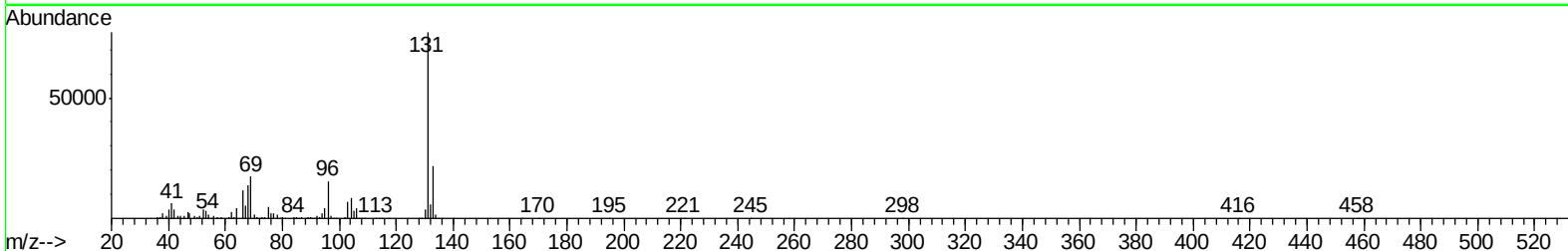
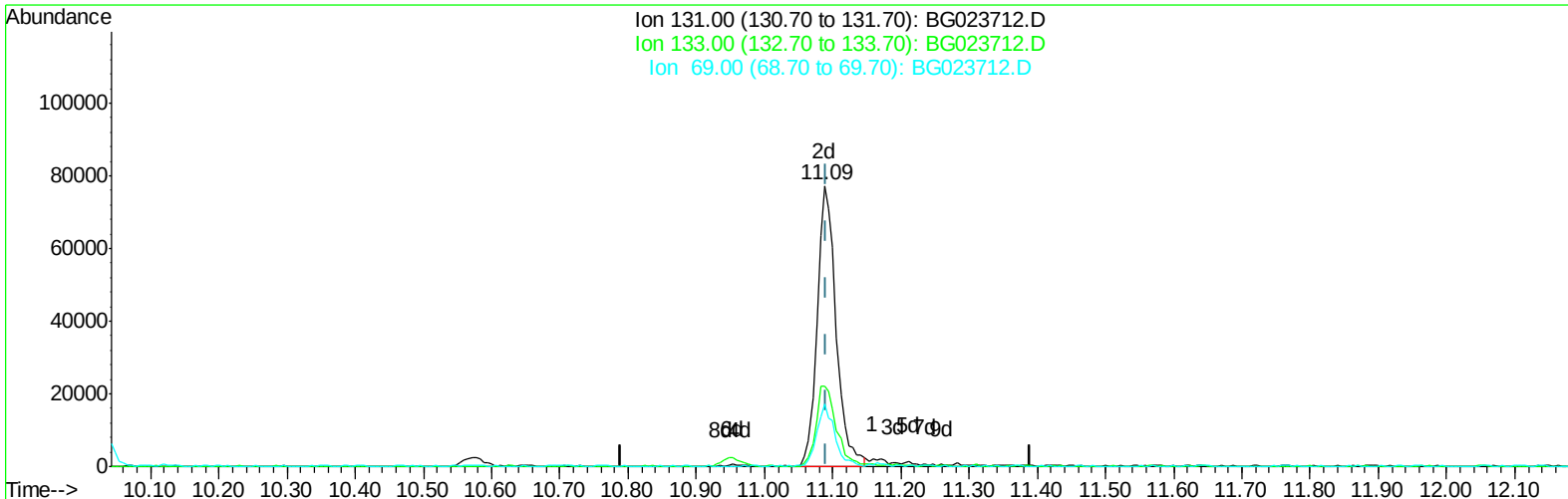
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
 Data File : BG023712.D
 Acq On : 14 Aug 2016 6:27
 Operator : UM/SJ
 Sample : H4388-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-3642-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:27:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 18:52:38 2016
 Response via : Initial Calibration



TIC: BG023712.D

(29) 4-Chloroaniline-d4 (S)
 11.088min (-0.002) 13.94ng/ul m
 response 150438

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	28.42
69.00	15.40	22.50#
0.00	0.00	0.00

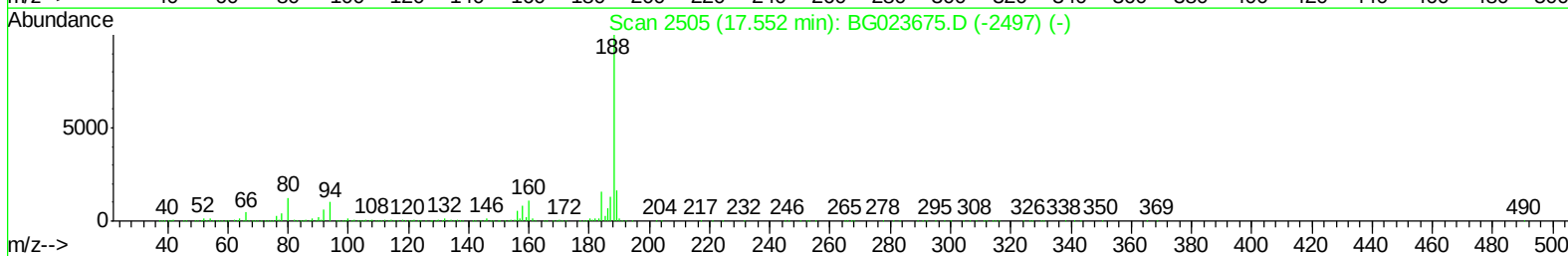
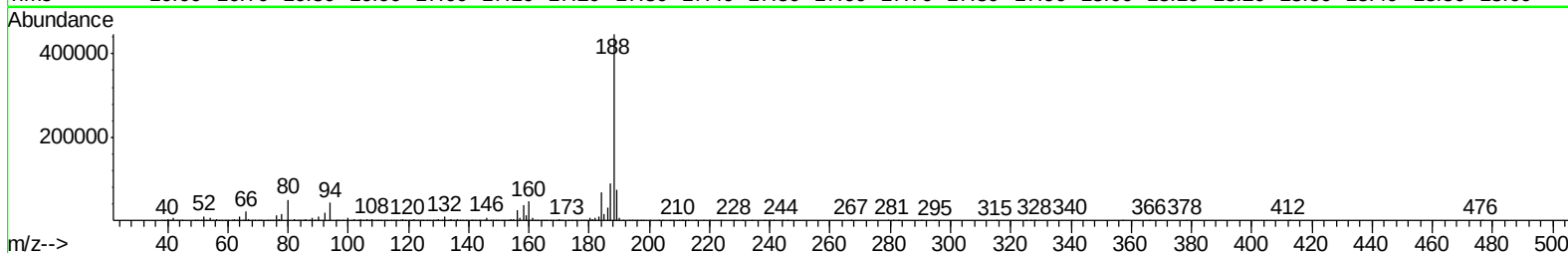
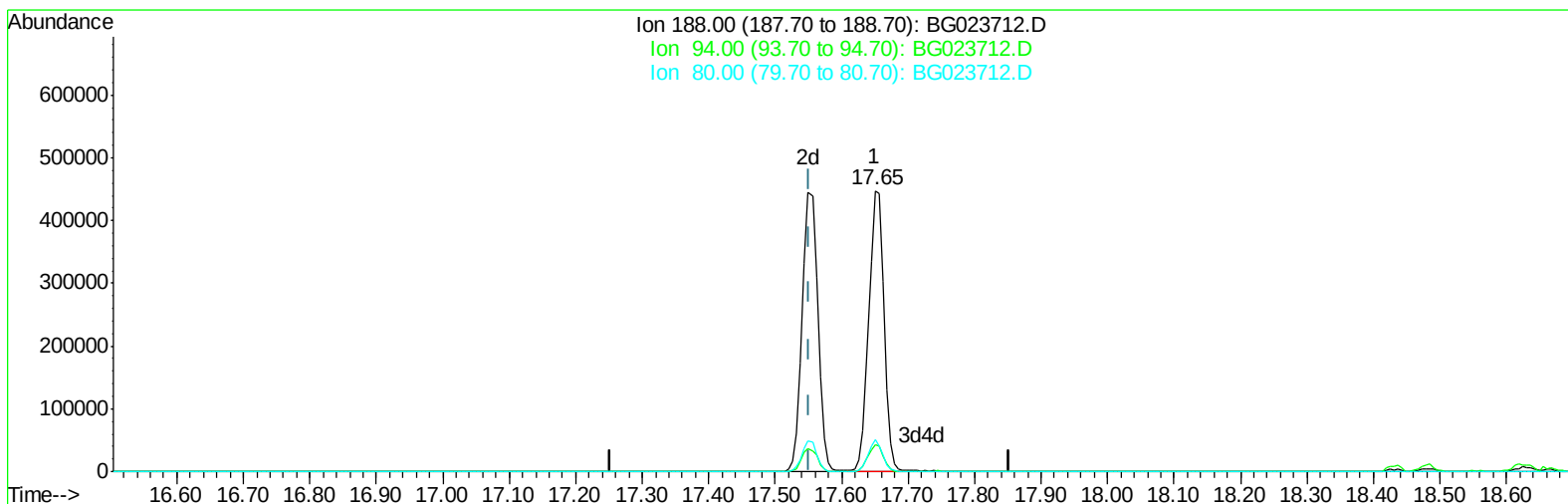
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:27:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(61) Phenanthrene-d10 (I)

17.650min (+0.098) 20.00ng/ul

response 699615

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.50
80.00	10.90	11.24
0.00	0.00	0.00

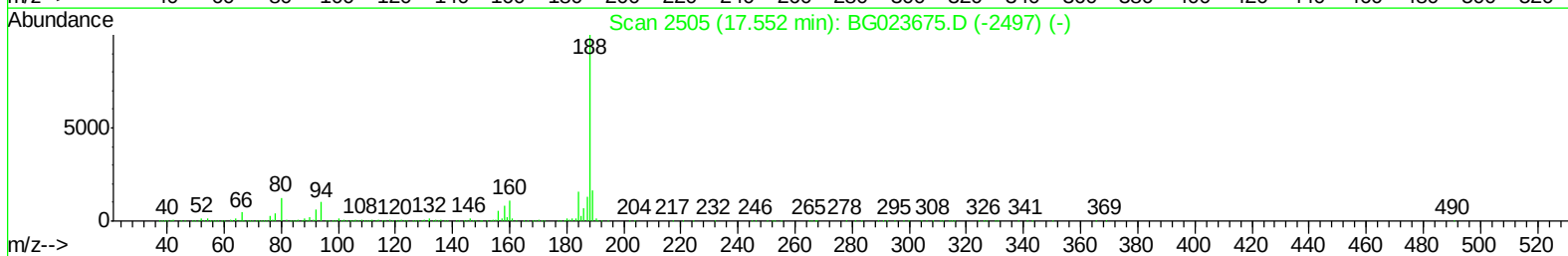
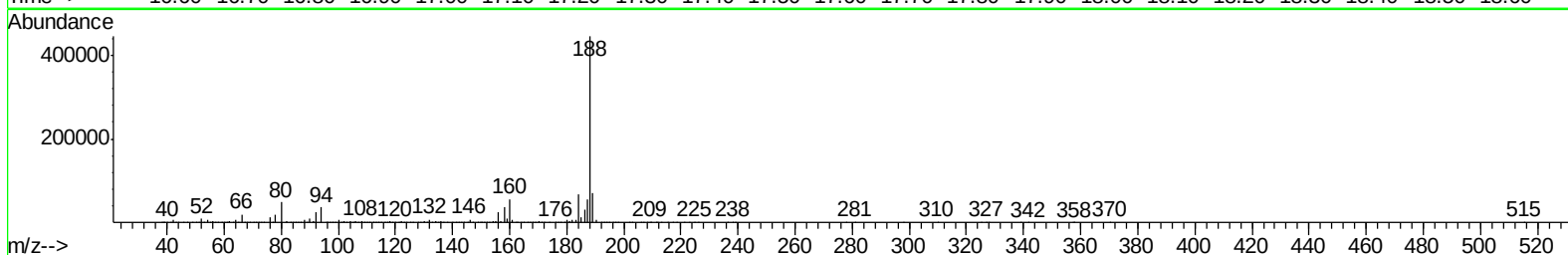
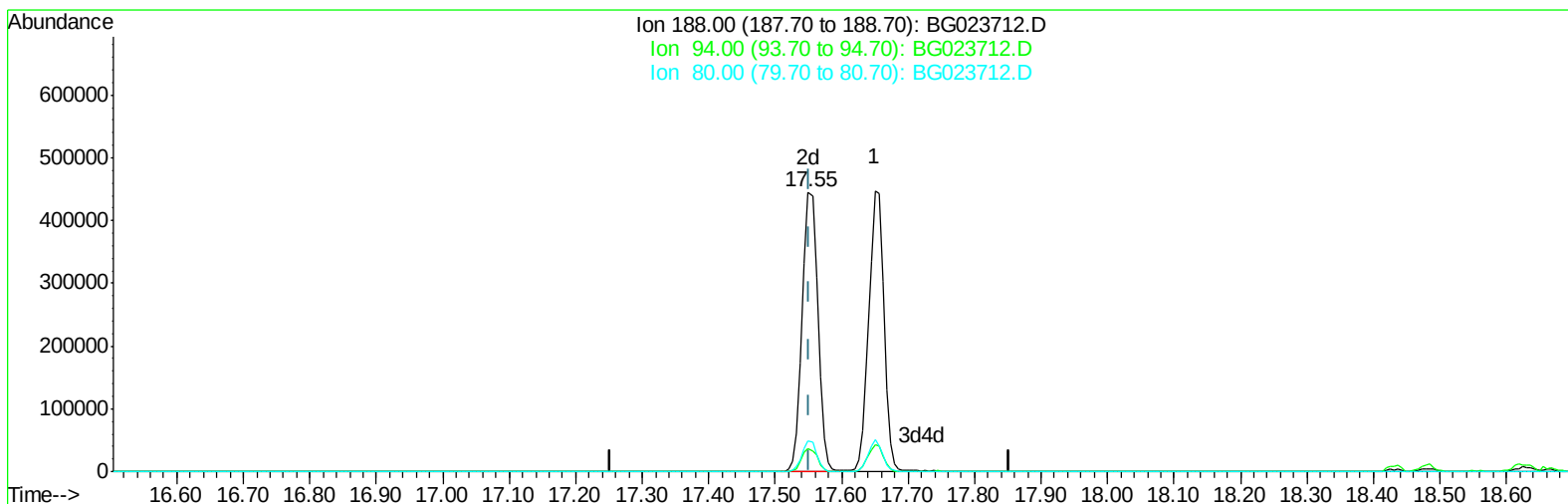
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 19:27:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(61) Phenanthrene-d10 (I)

17.550min (-0.002) 20.00ng/ul m

response 705782

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.06#
80.00	10.90	10.82
0.00	0.00	0.00

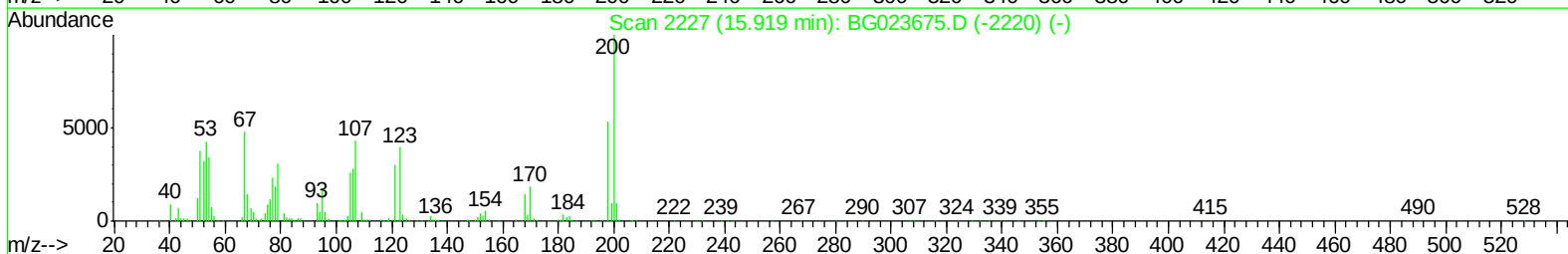
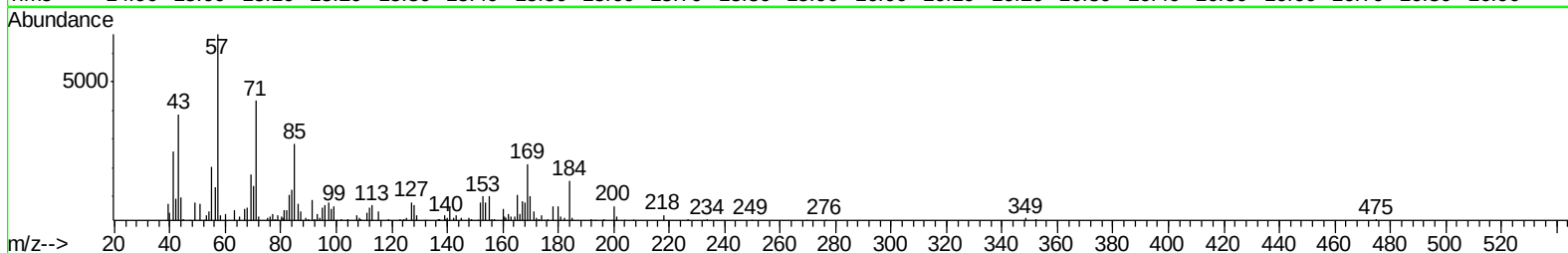
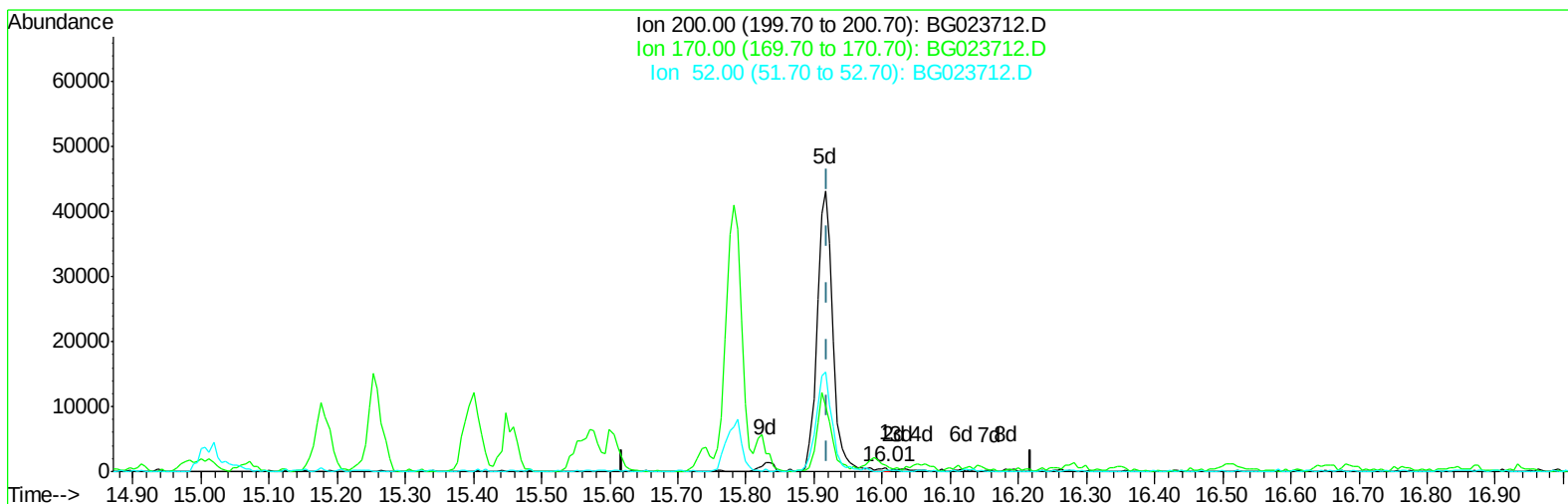
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.005min (+0.086) 0.12ng/ul

response 560

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	156.85#
52.00	32.20	24.45#
0.00	0.00	0.00

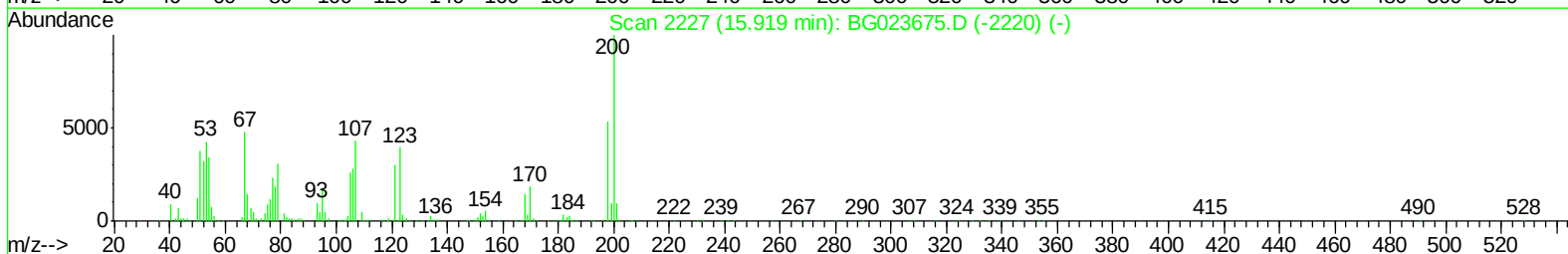
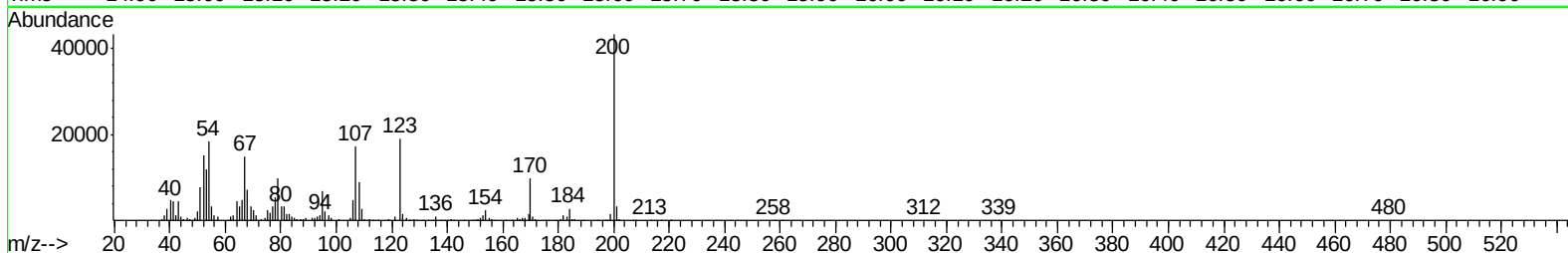
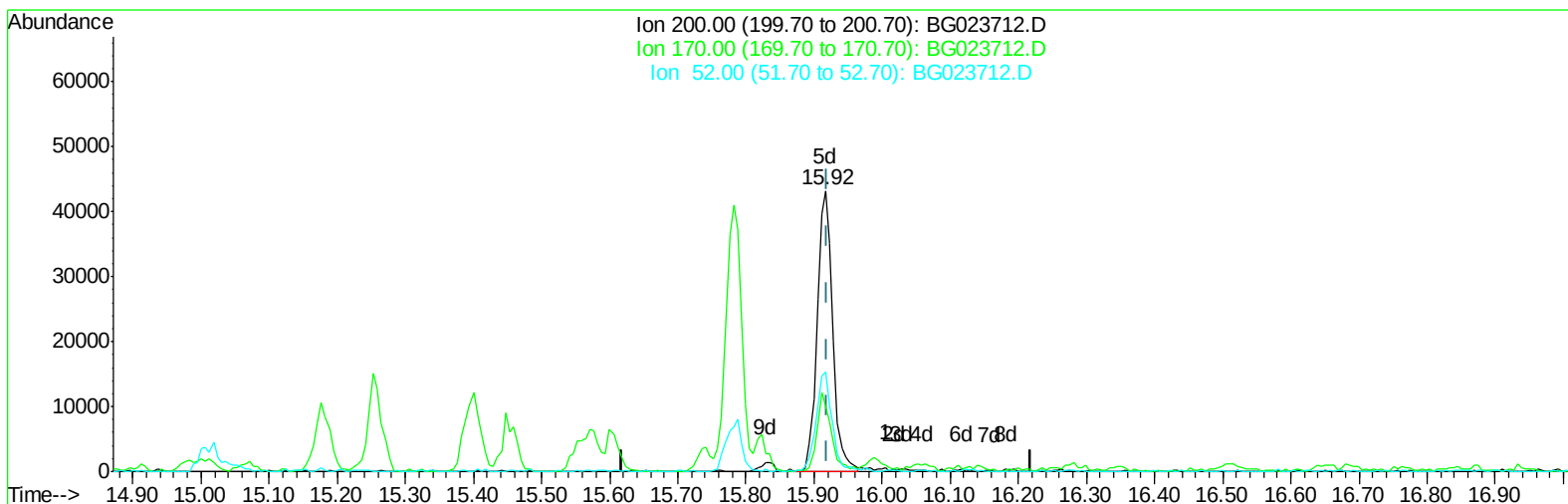
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.917min (-0.002) 15.33ng/ul m

response 69405

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	23.13#
52.00	32.20	35.50
0.00	0.00	0.00

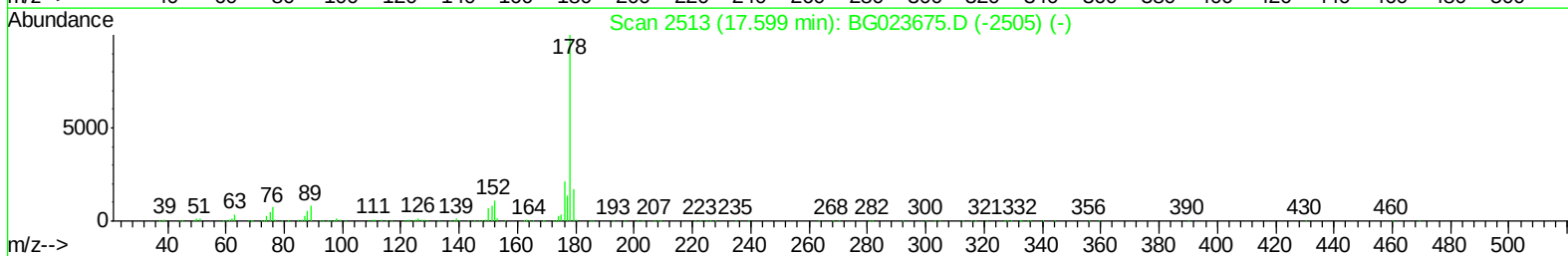
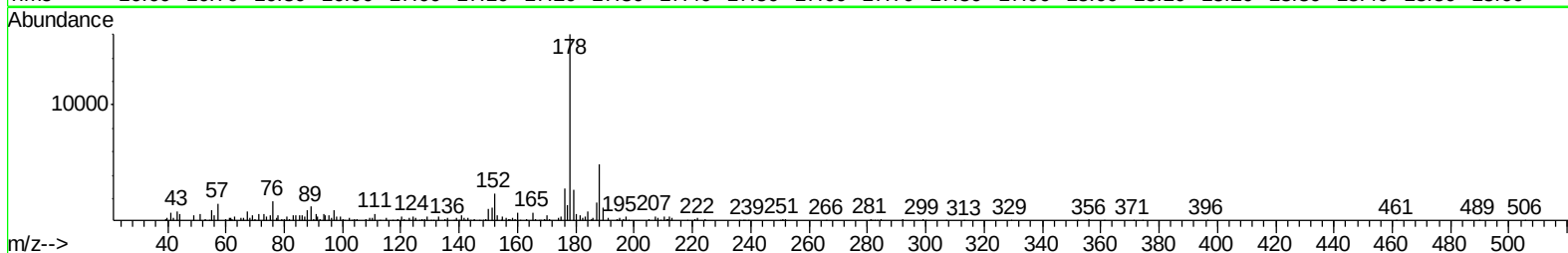
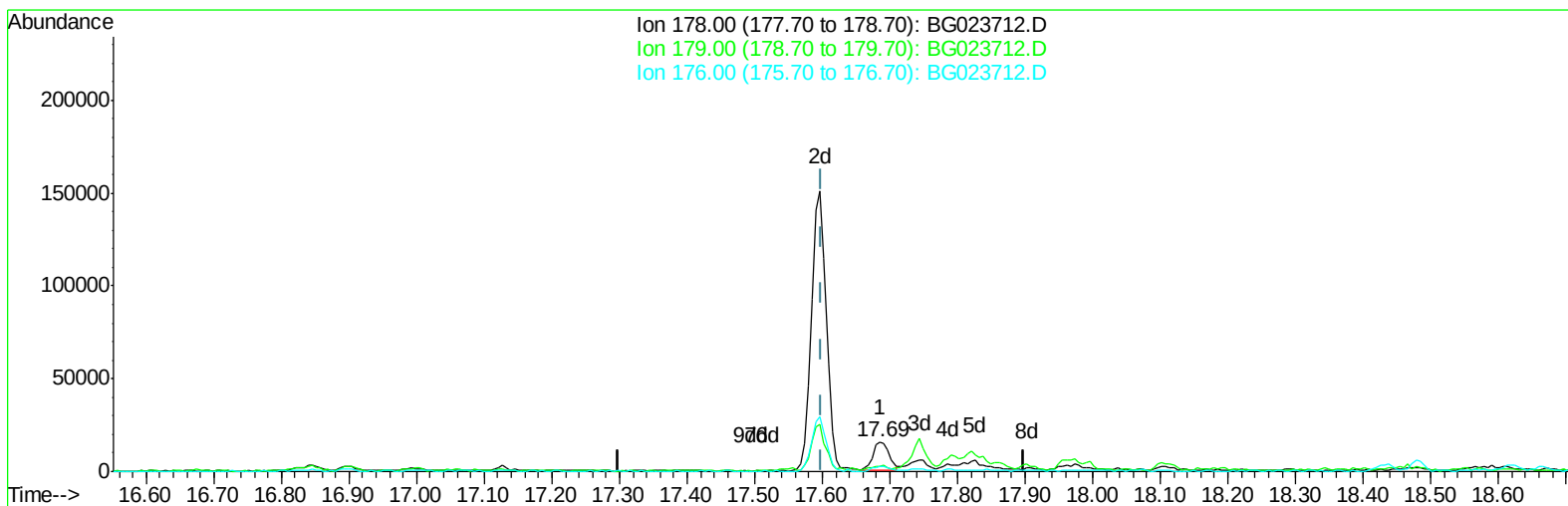
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
 Data File : BG023712.D
 Acq On : 14 Aug 2016 6:27
 Operator : UM/SJ
 Sample : H4388-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-3642-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 18:52:38 2016
 Response via : Initial Calibration



TIC: BG023712.D

(69) Phenanthrene

17.685min (+0.086) 0.71ng/ul

response 25798

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	17.37
176.00	19.80	17.66
0.00	0.00	0.00

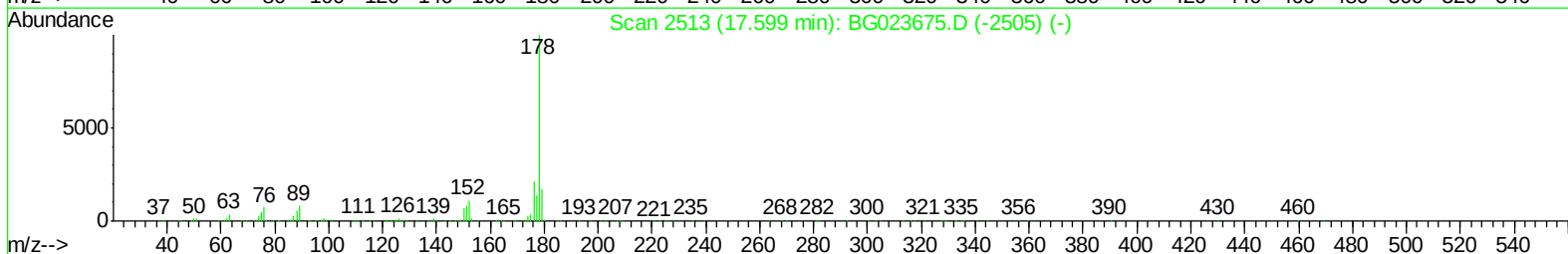
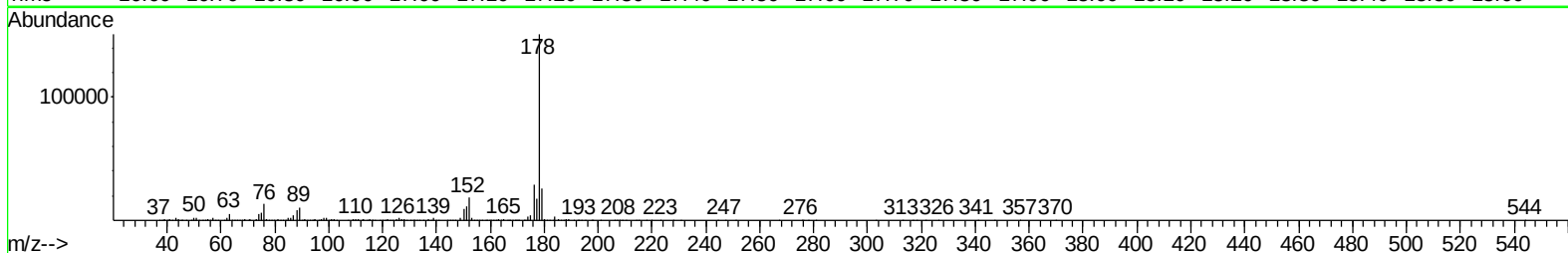
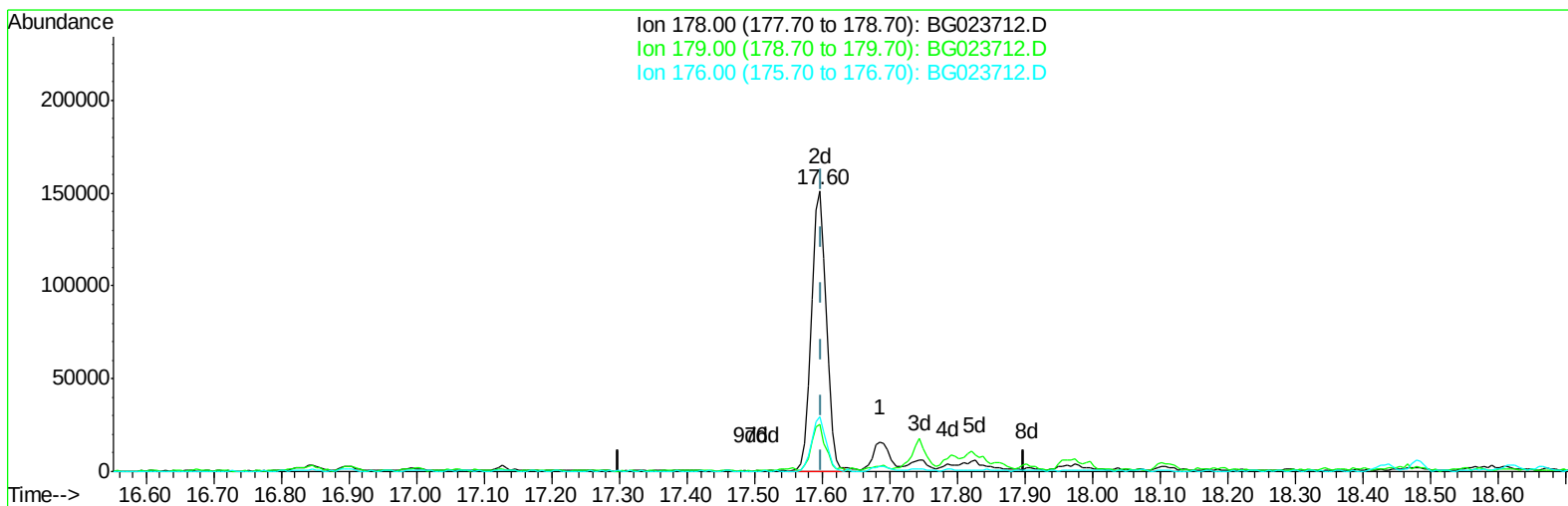
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
 Data File : BG023712.D
 Acq On : 14 Aug 2016 6:27
 Operator : UM/SJ
 Sample : H4388-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-3642-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 18:52:38 2016
 Response via : Initial Calibration



TIC: BG023712.D

(69) Phenanthrene

17.597min (-0.002) 6.32ng/ul m

response 231188

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.99
176.00	19.80	19.51
0.00	0.00	0.00

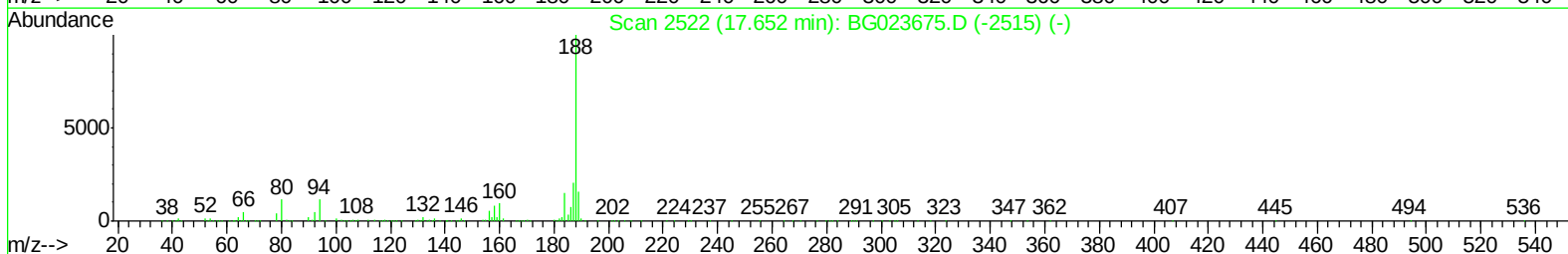
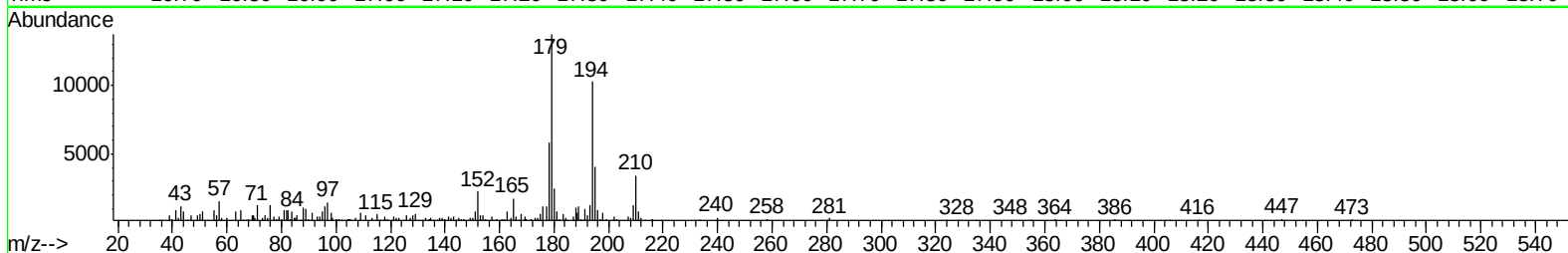
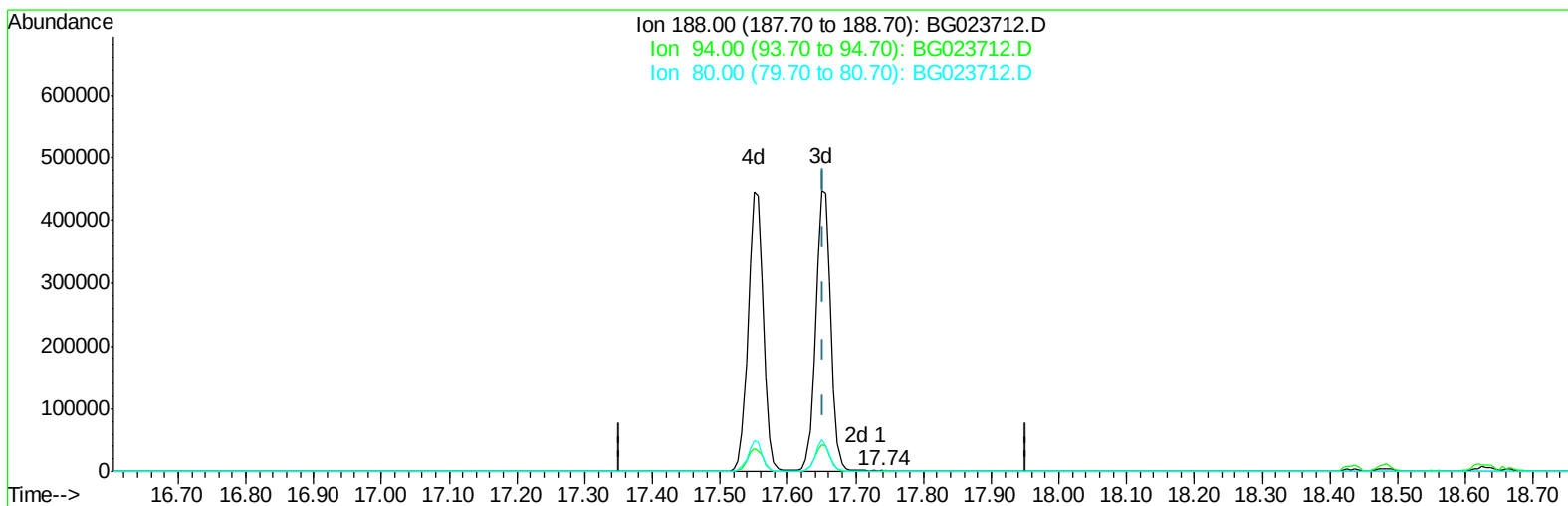
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

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8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(70) Anthracene-d10 (S)

17.738min (+0.086) 0.04ng/ul

response 1409

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	23.52#
80.00	11.90	12.38
0.00	0.00	0.00

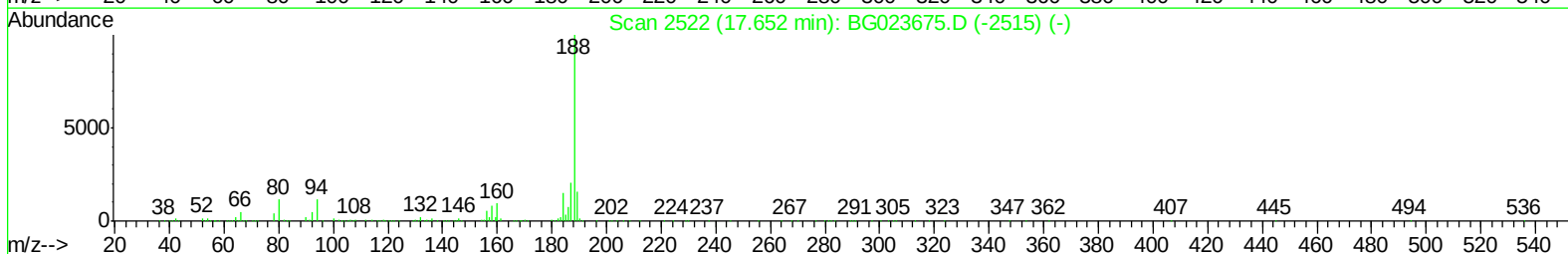
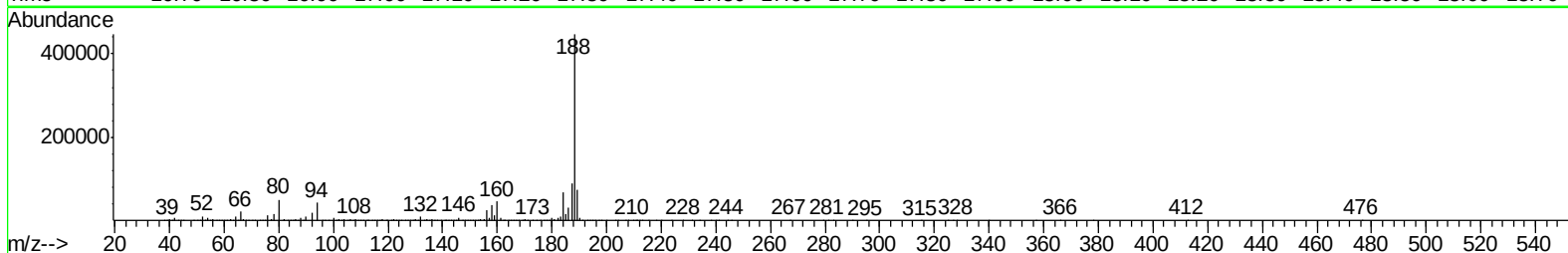
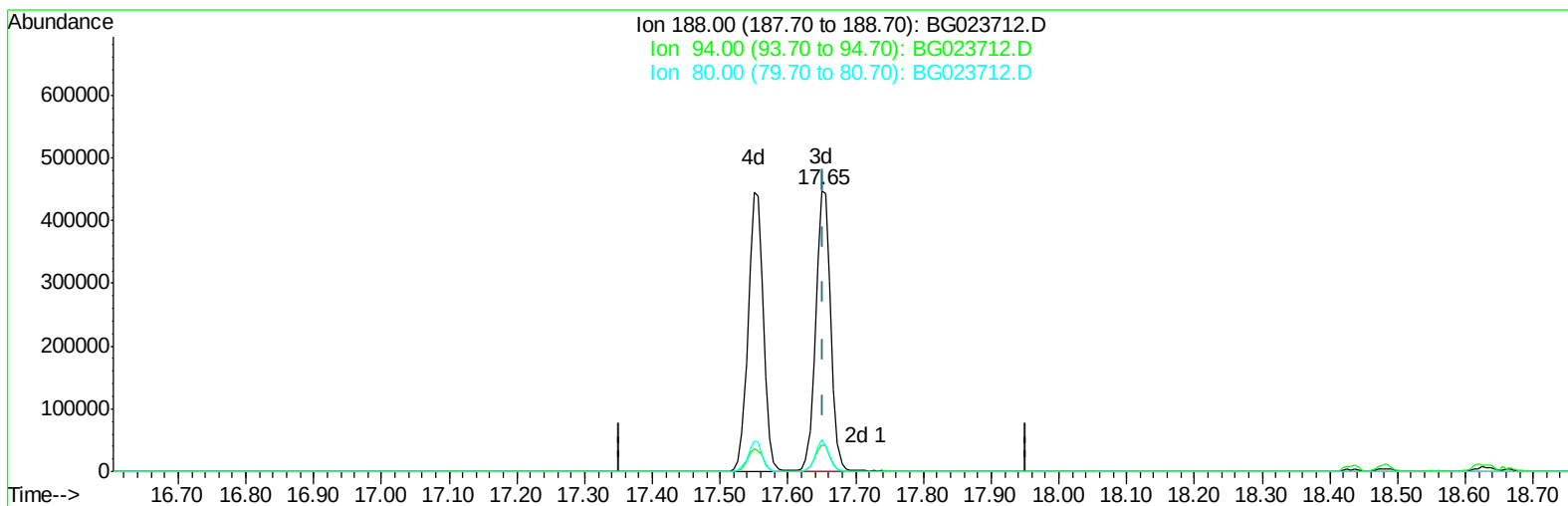
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(70) Anthracene-d10 (S)

17.650min (-0.002) 22.00ng/ul m

response 699646

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	9.50#
80.00	11.90	11.24
0.00	0.00	0.00

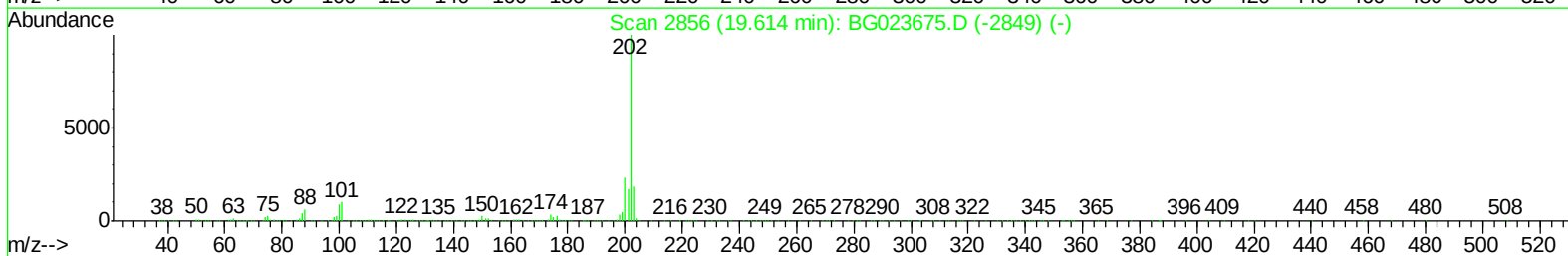
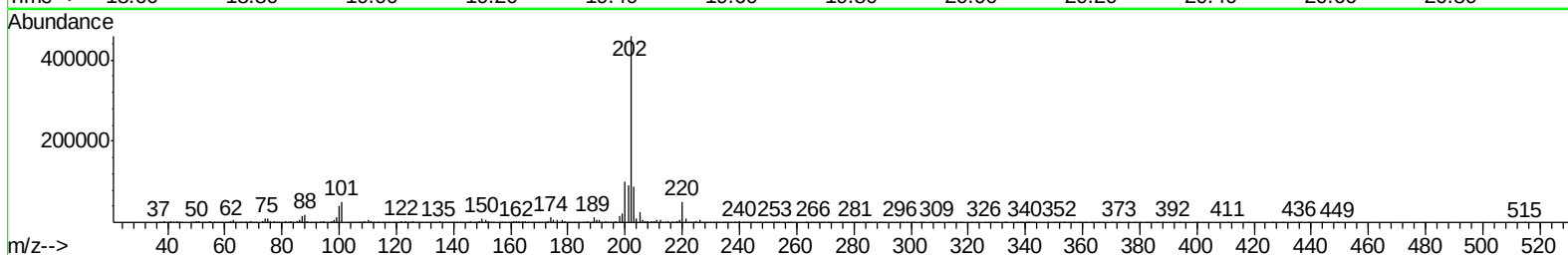
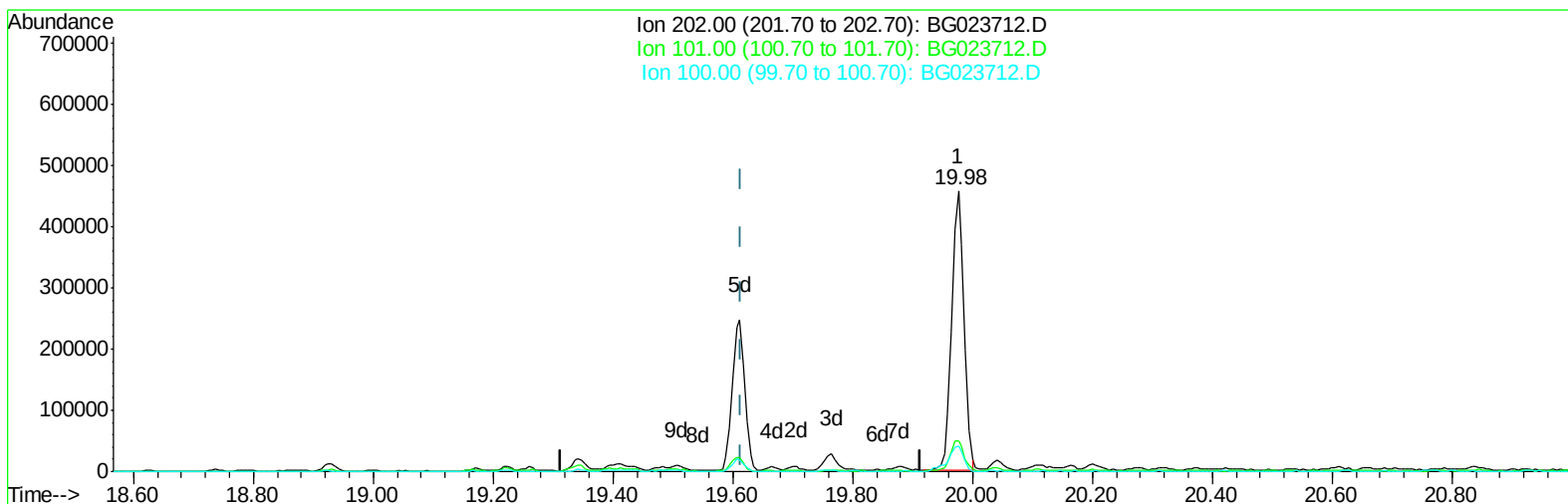
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(74) Fluoranthene (C)

19.976min (+0.362) 17.50ng/ul

response 654829

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	11.08
100.00	10.90	8.94
0.00	0.00	0.00

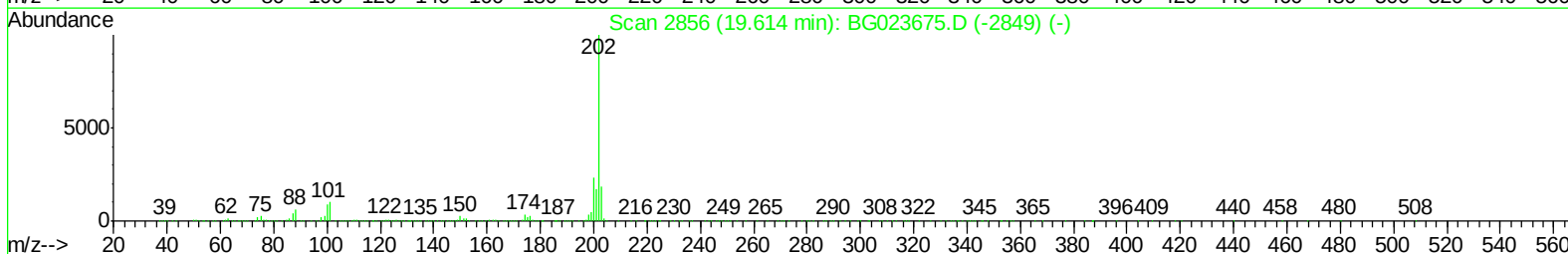
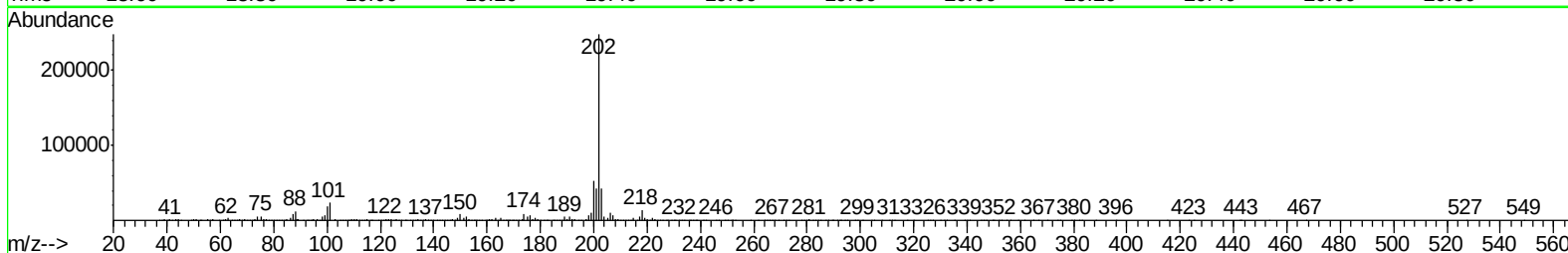
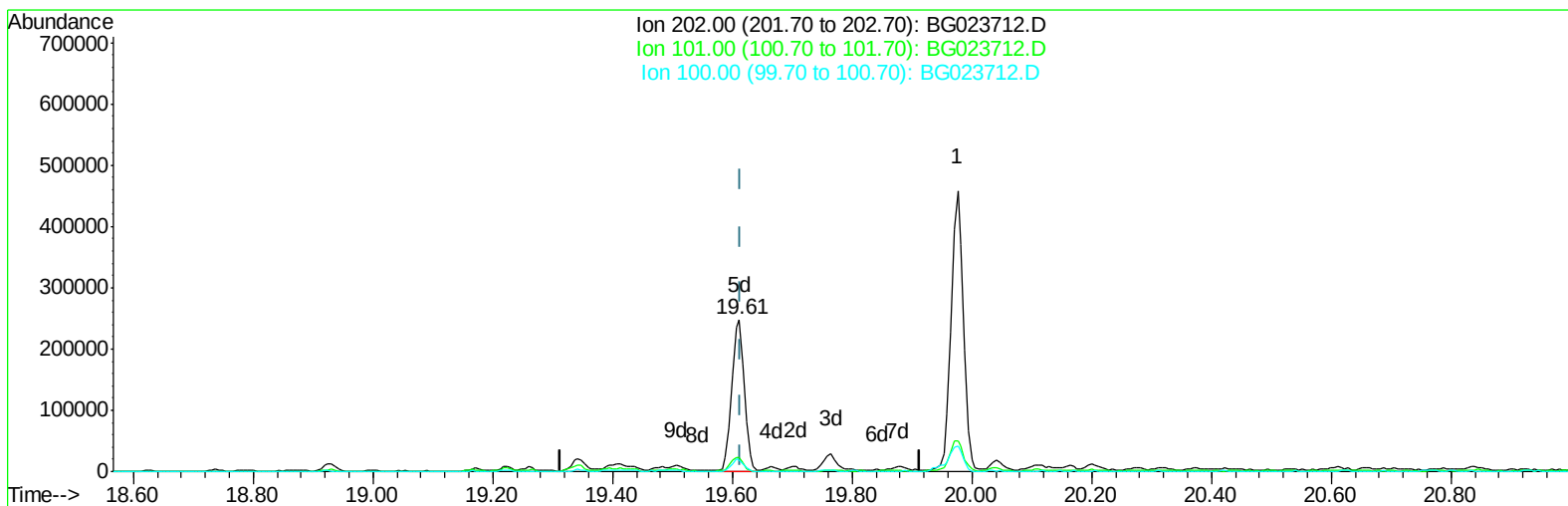
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(74) Fluoranthene (C)

19.612min (-0.002) 9.72ng/ul m

response 363814

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	9.51#
100.00	10.90	7.42#
0.00	0.00	0.00

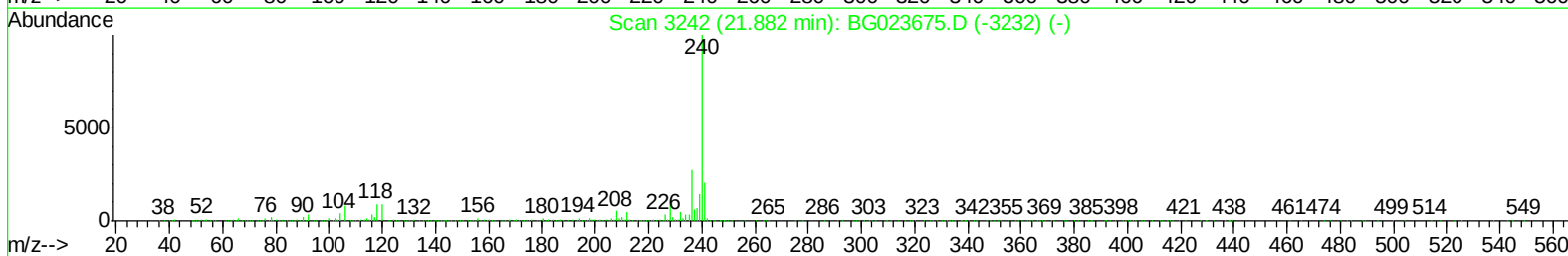
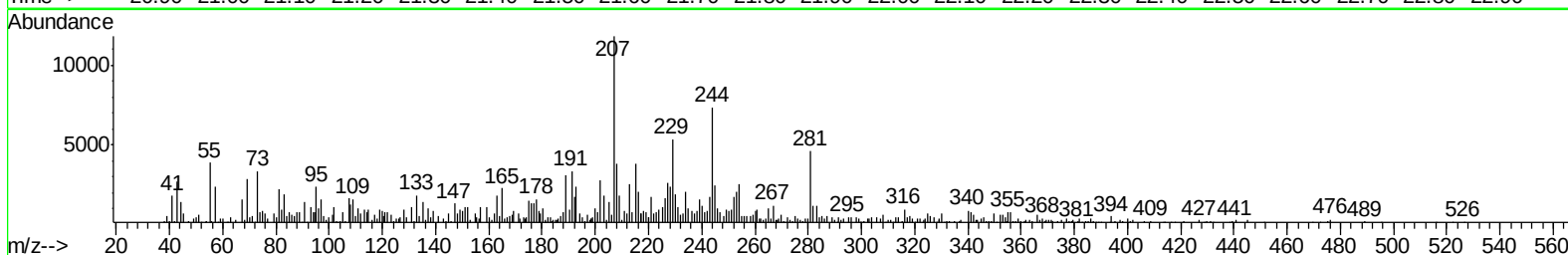
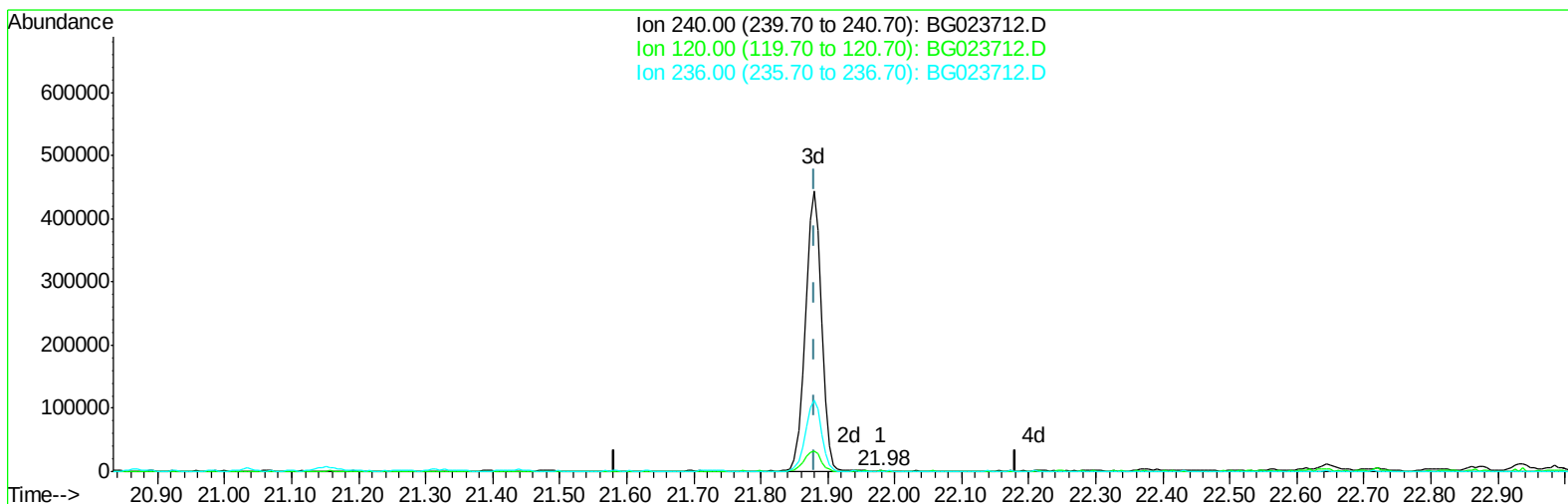
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(75) Chrysene-d12 (I)

21.979min (+0.098) 20.00ng/ul

response 992

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	117.60#
236.00	26.10	70.91#
0.00	0.00	0.00

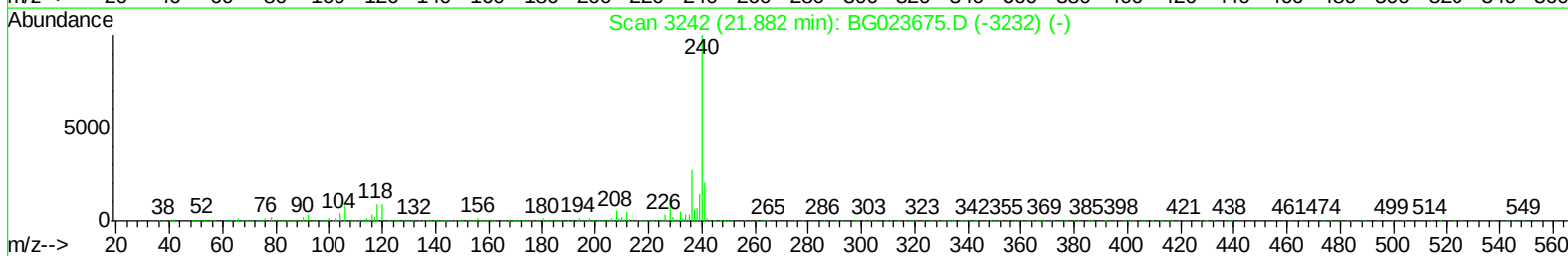
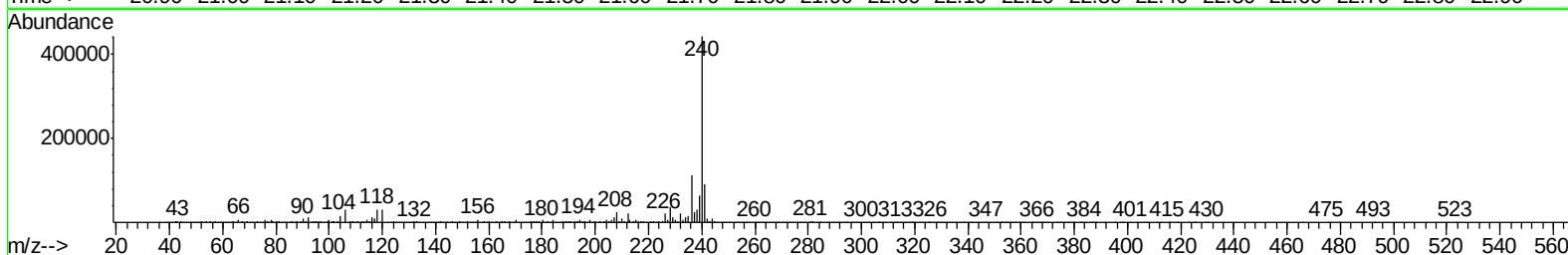
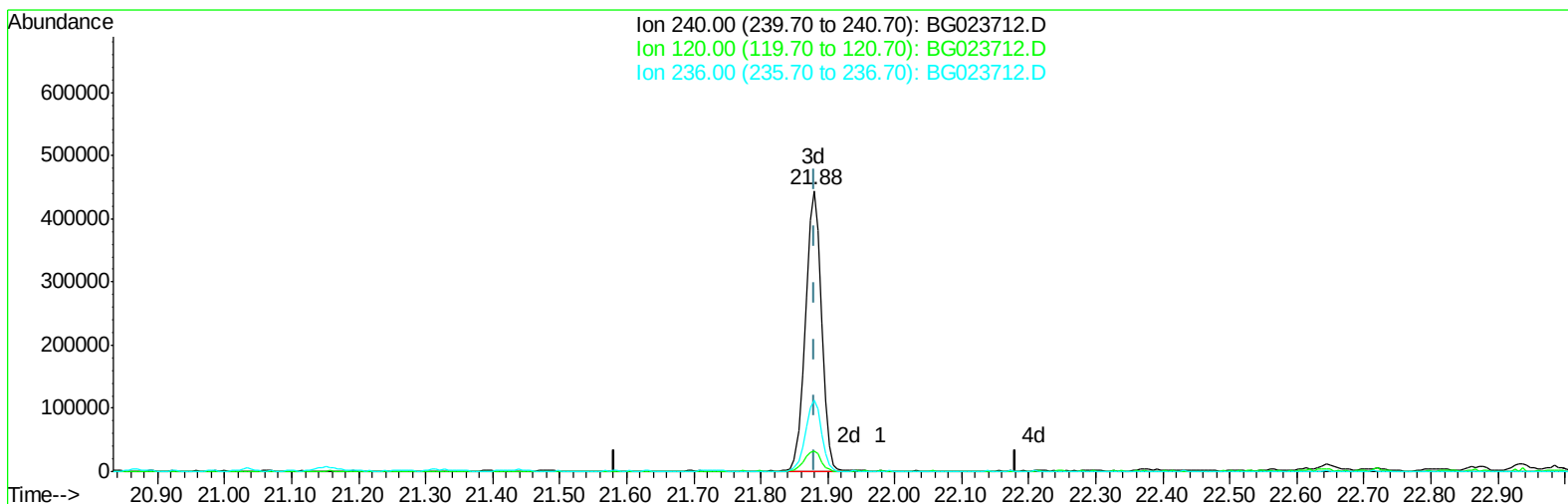
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:29:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(75) Chrysene-d12 (I)

21.879min (-0.002) 20.00ng/ul m

response 756465

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	7.17#
236.00	26.10	25.48
0.00	0.00	0.00

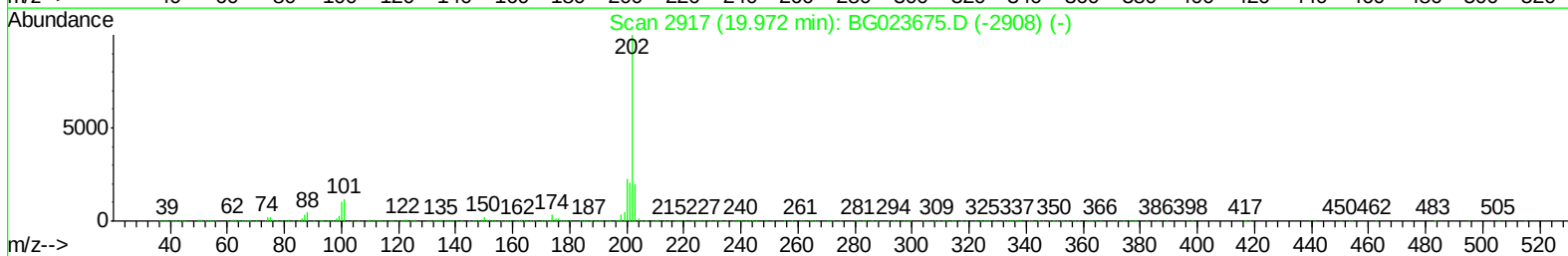
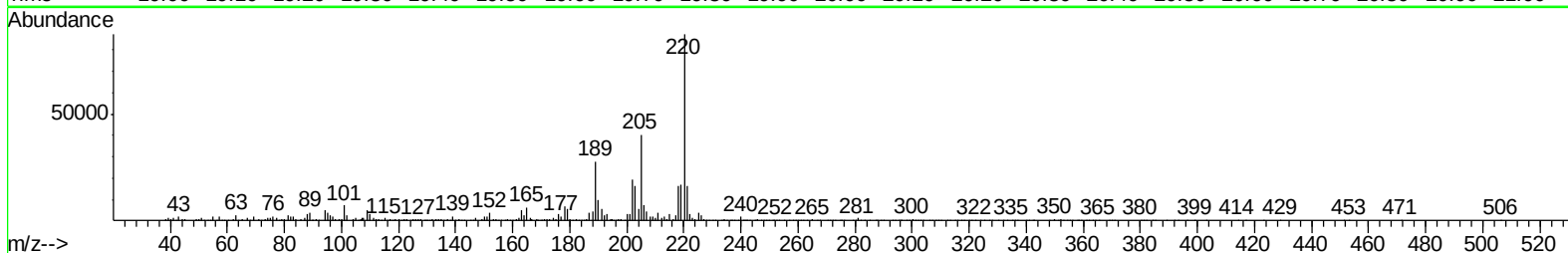
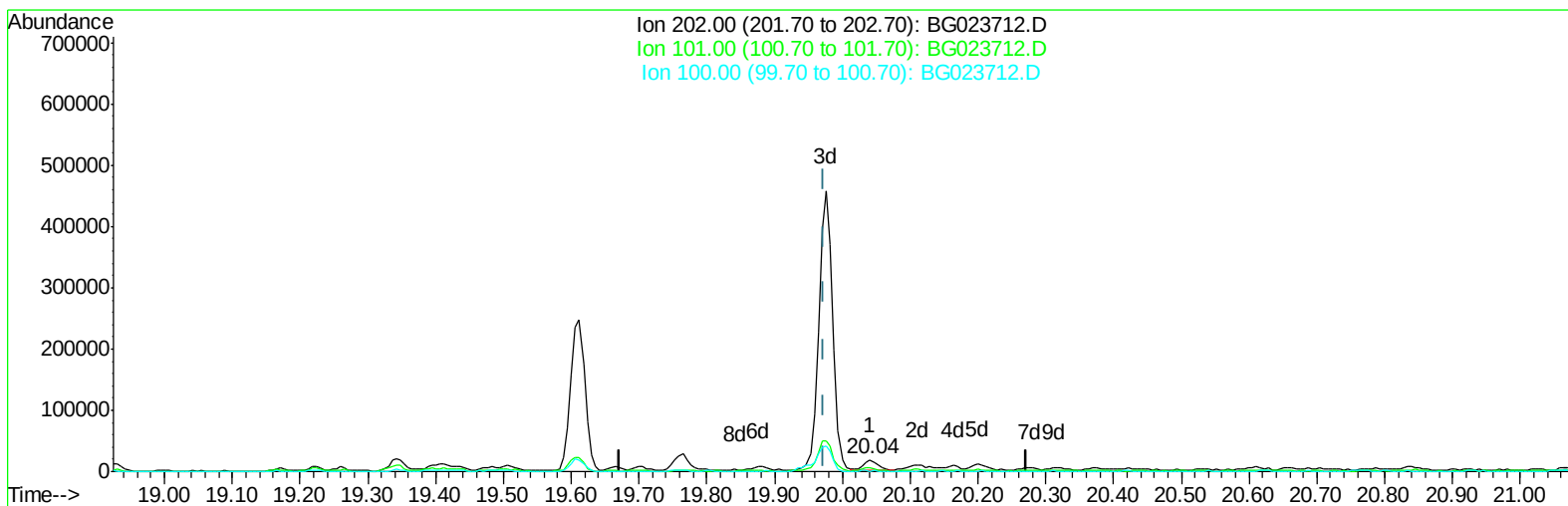
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(77) Pyrene

20.041min (+0.068) 0.51ng/ul

response 24075

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	36.58#
100.00	12.80	4.80#
0.00	0.00	0.00

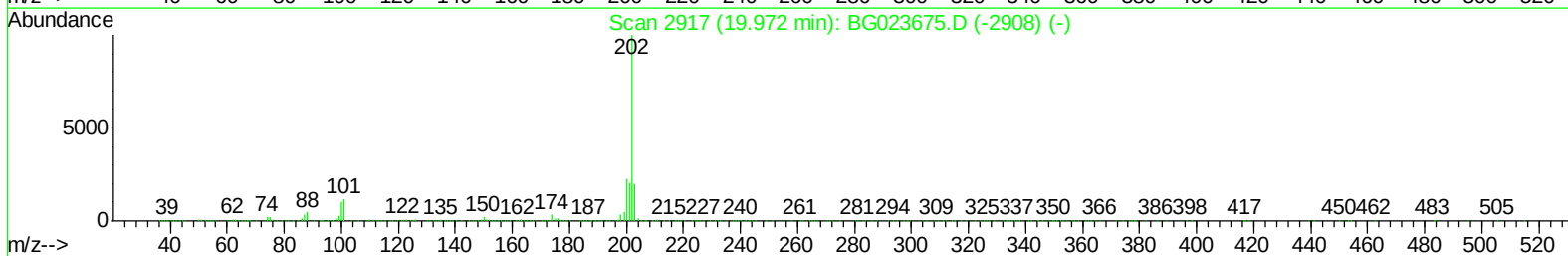
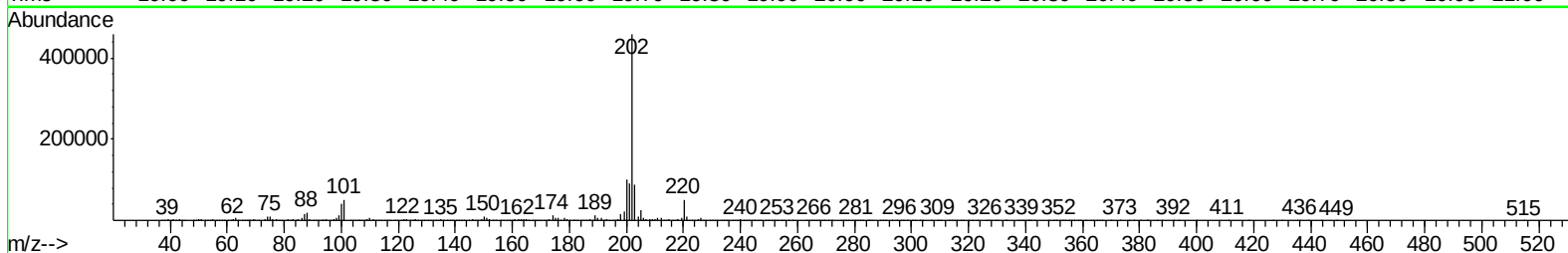
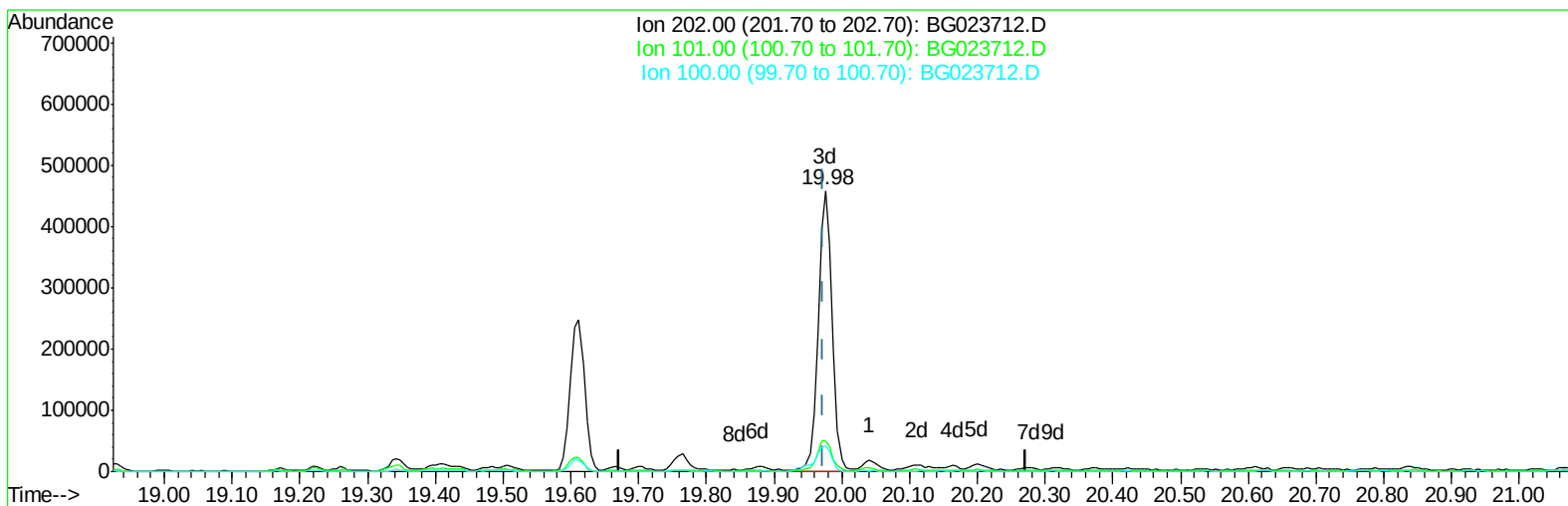
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(77) Pyrene

19.976min (+0.004) 14.28ng/ul m

response 667836

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	11.08#
100.00	12.80	8.94#
0.00	0.00	0.00

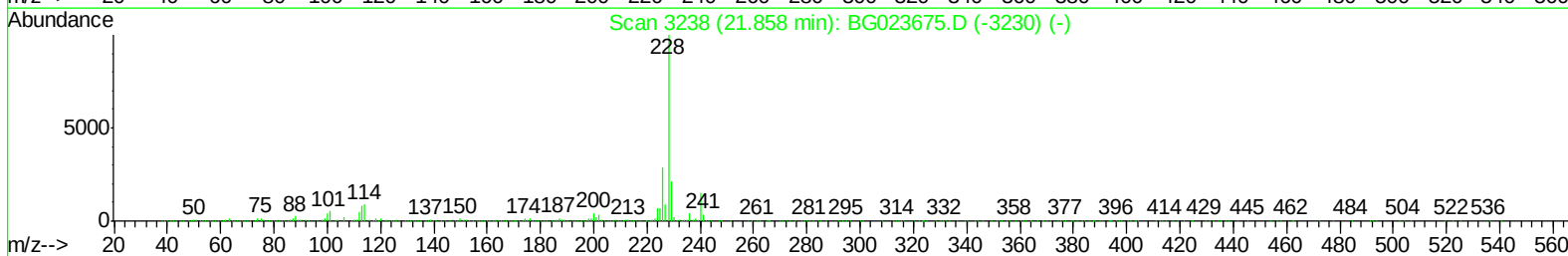
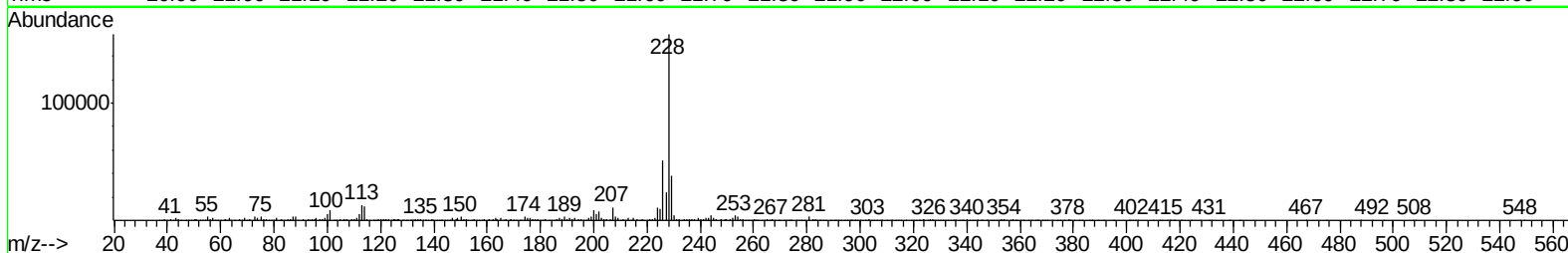
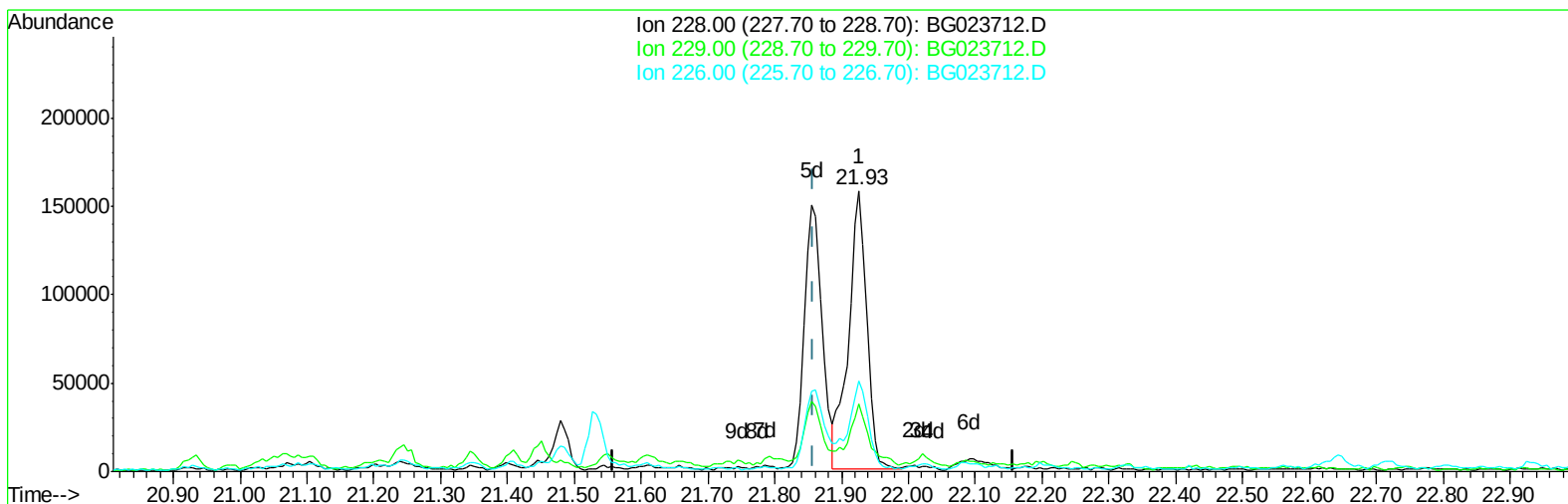
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(80) Benzo(a)anthracene
21.926min (+0.068) 6.98ng/ul

response 297172

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	24.04#
226.00	28.50	32.12
0.00	0.00	0.00

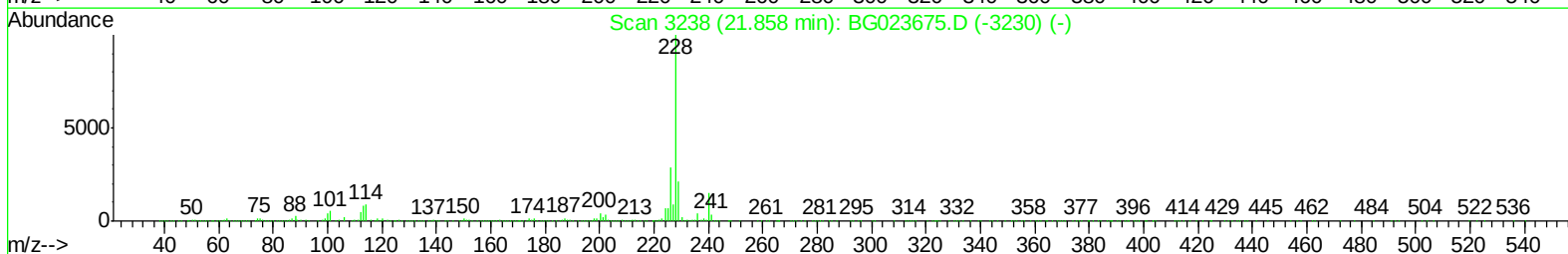
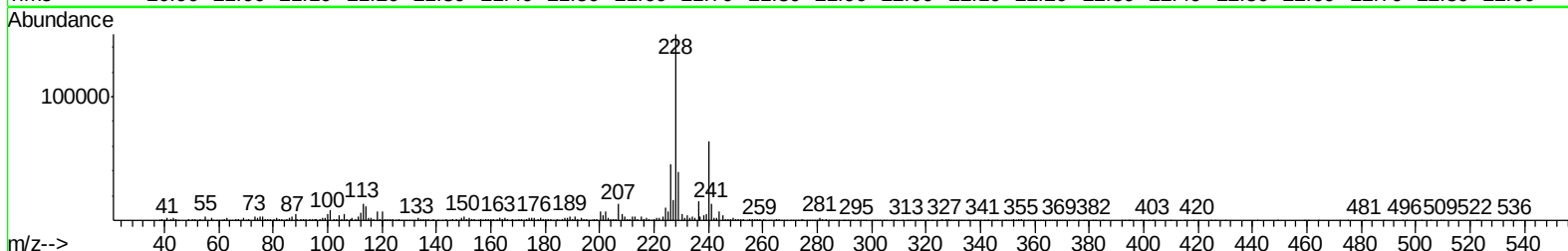
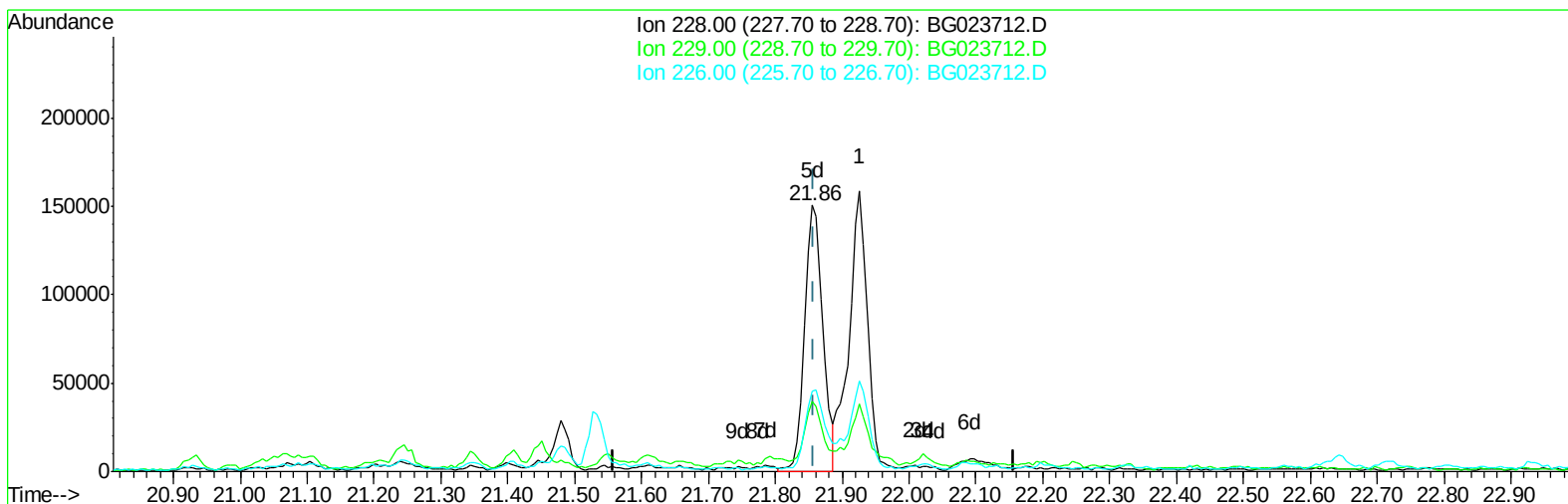
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(80) Benzo(a)anthracene

21.856min (-0.002) 6.57ng/ul m

response 279816

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	26.32#
226.00	28.50	30.18
0.00	0.00	0.00

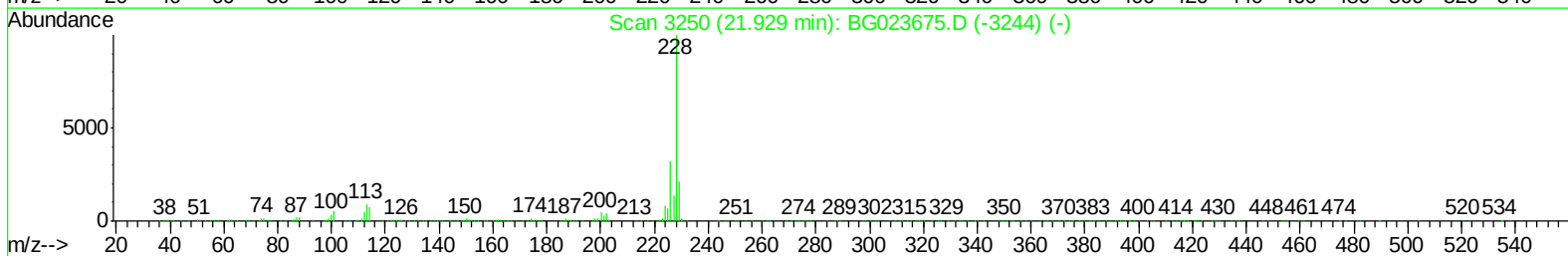
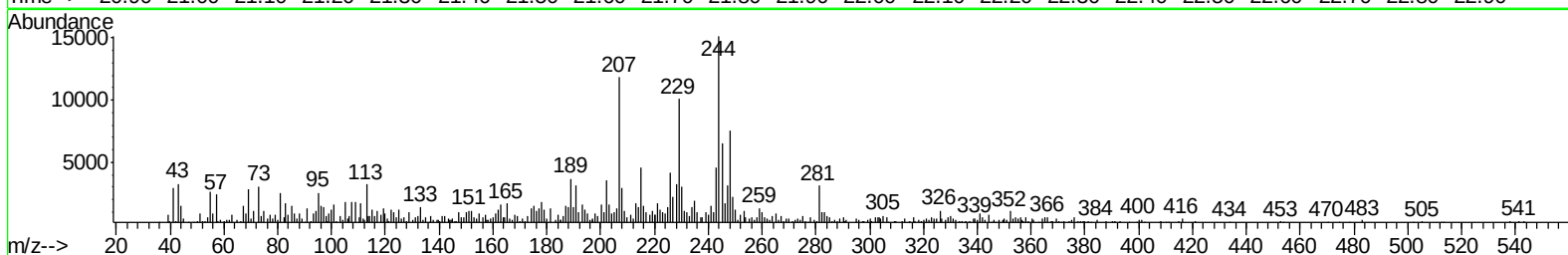
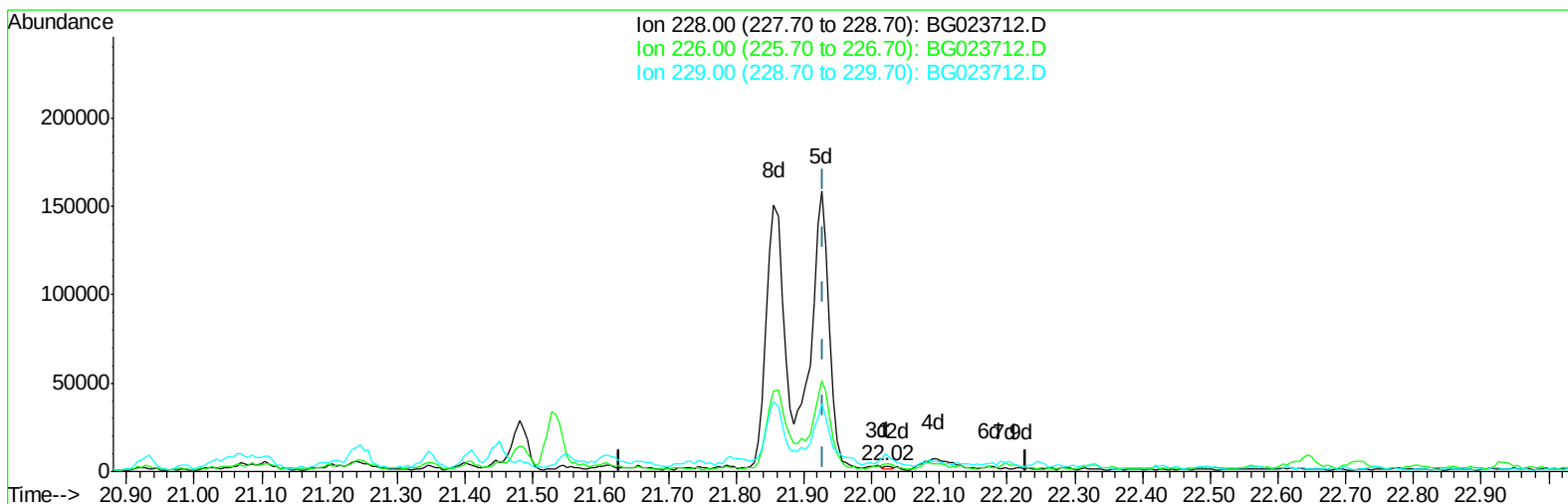
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(82) Chrysene

22.020min (+0.092) 0.04ng/ul

response 1496

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	126.23#
229.00	18.80	307.73#
0.00	0.00	0.00

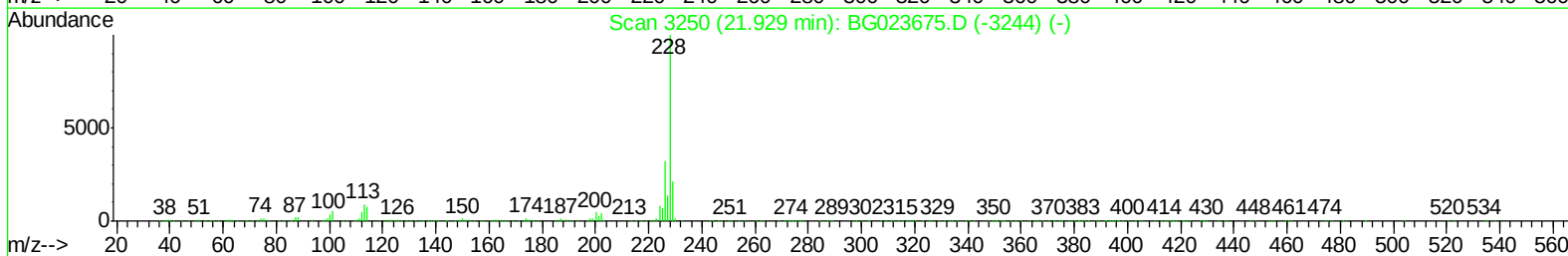
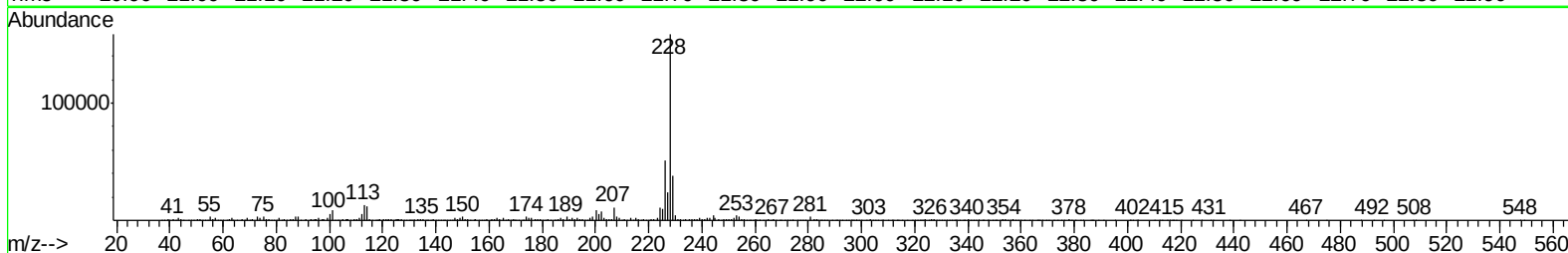
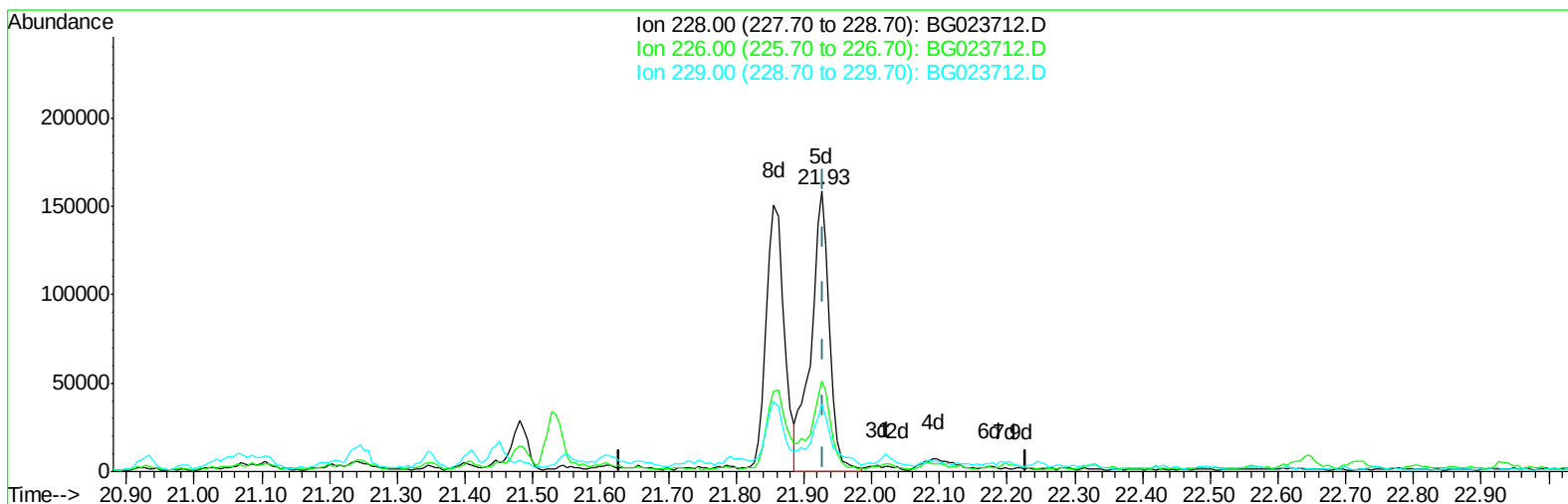
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
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Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(82) Chrysene

21.926min (-0.002) 7.87ng/ul m

response 304934

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	32.12
229.00	18.80	24.04#
0.00	0.00	0.00

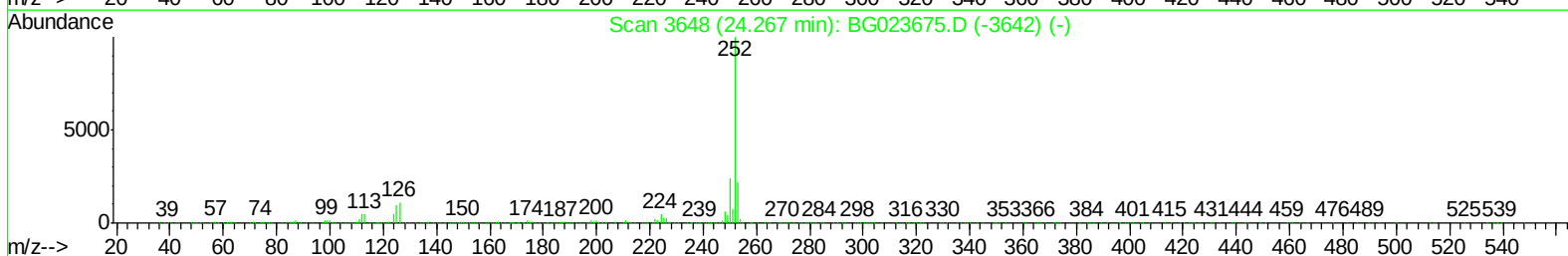
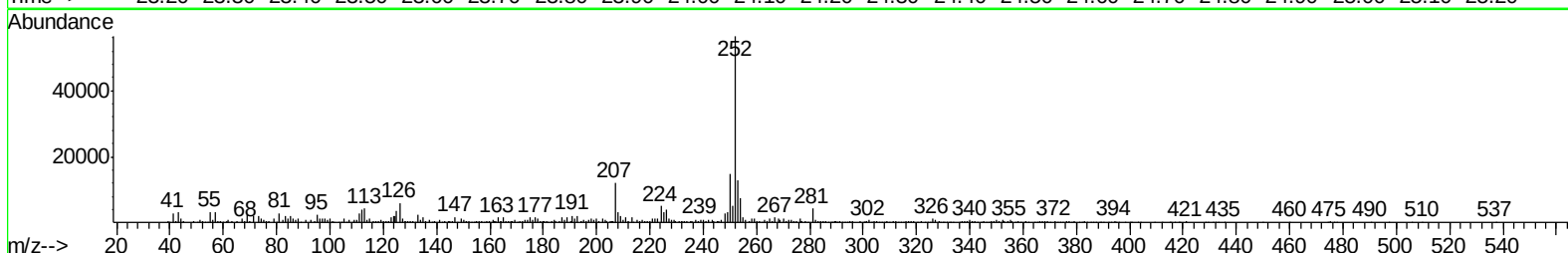
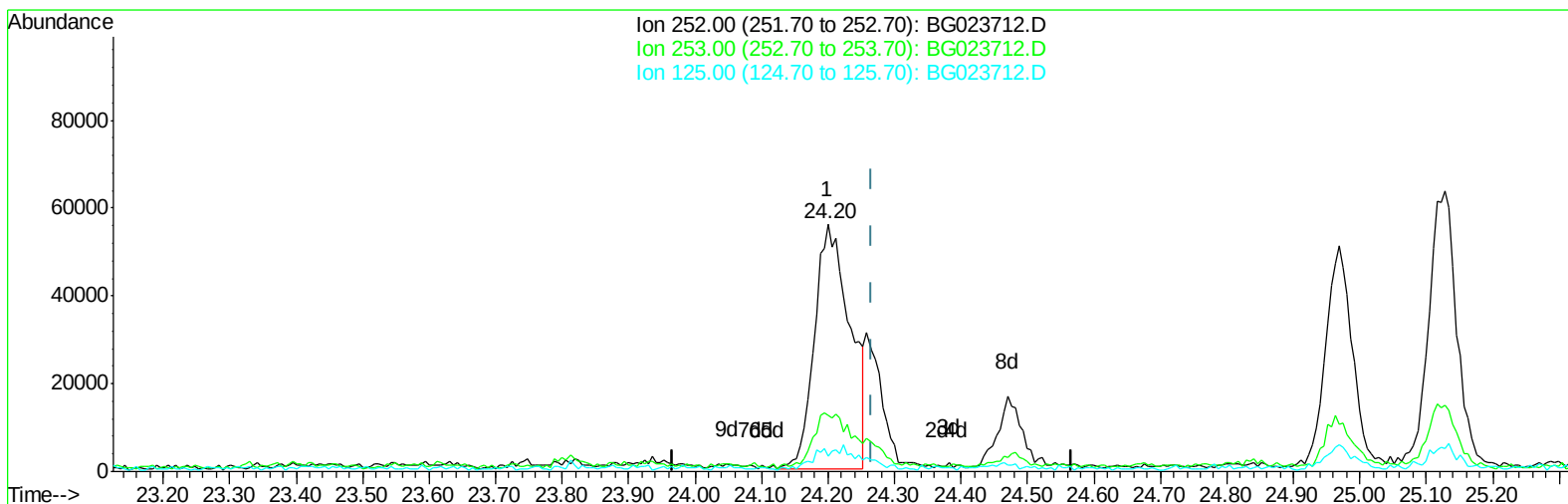
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
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umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(86) Benzo(k)fluoranthene

24.200min (-0.067) 5.00ng/ul

response 208285

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	22.80
125.00	13.30	6.38#
0.00	0.00	0.00

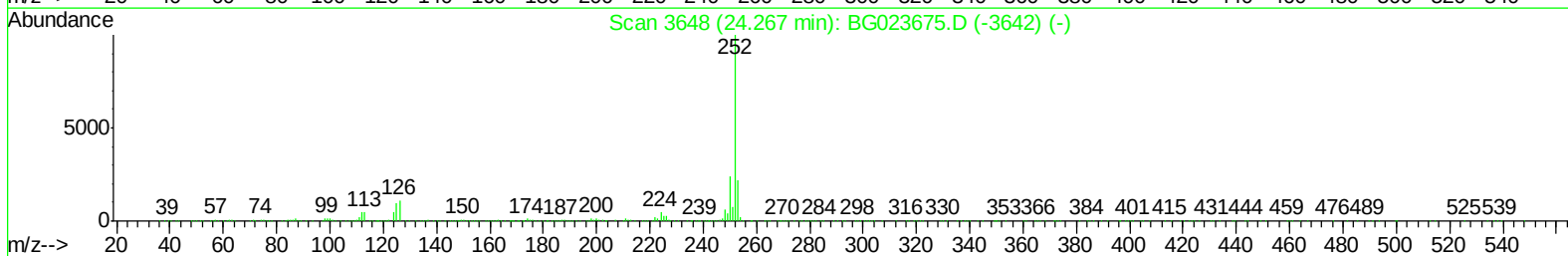
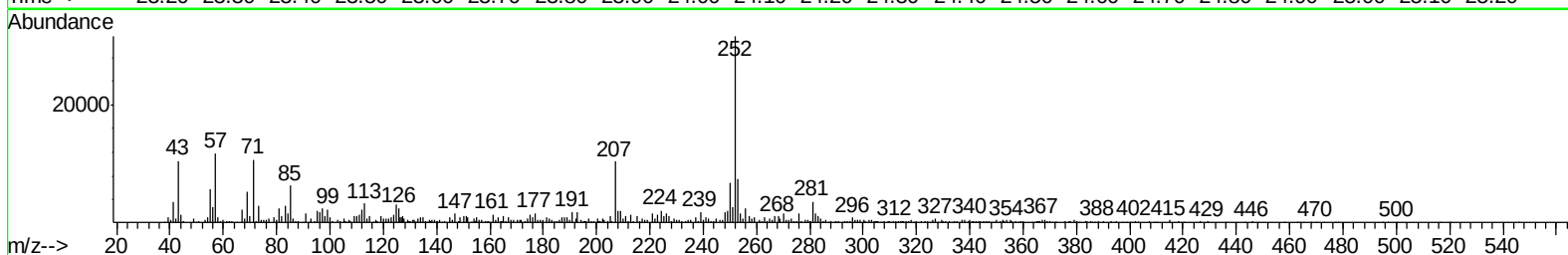
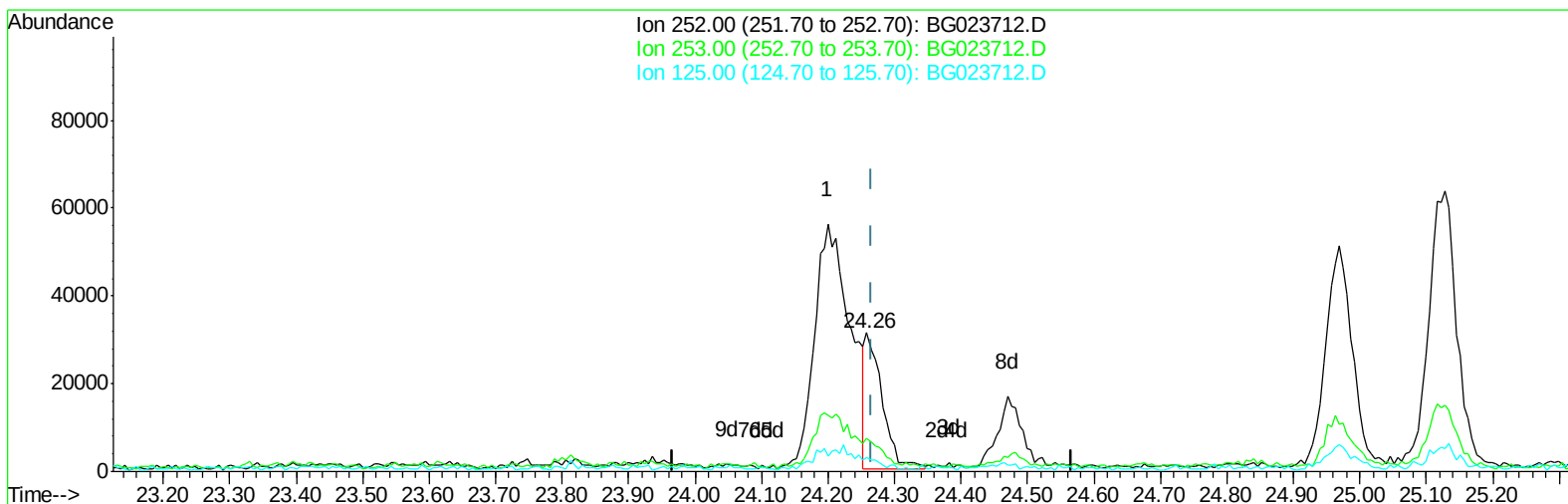
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

(86) Benzo(k)fluoranthene

24.259min (-0.008) 1.27ng/ul m

response 52906

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.98#
125.00	13.30	9.94#
0.00	0.00	0.00

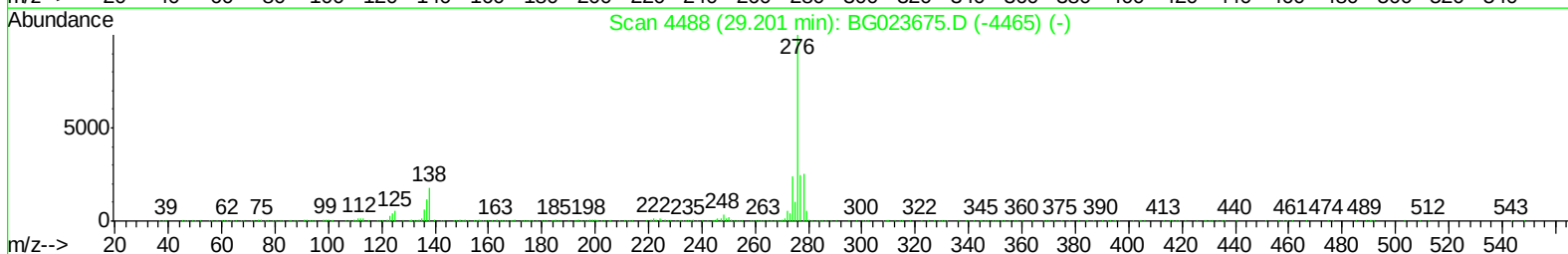
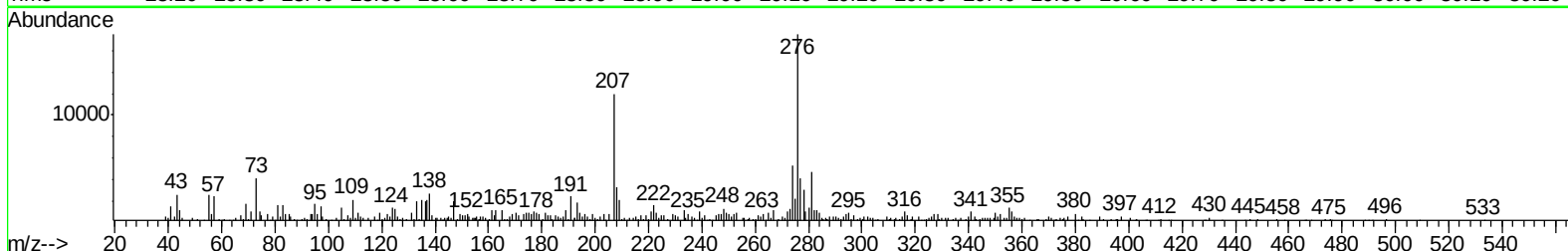
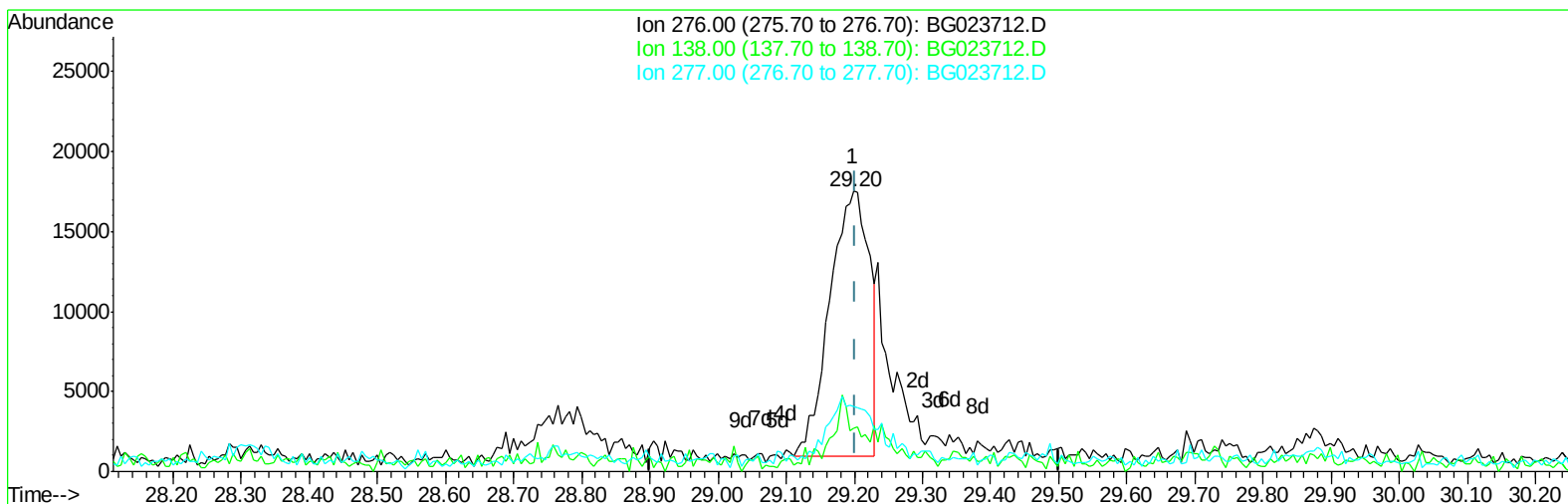
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

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8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

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

29.199min (-0.002) 1.40ng/ul

response 66970

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	15.24#
277.00	22.00	23.04
0.00	0.00	0.00

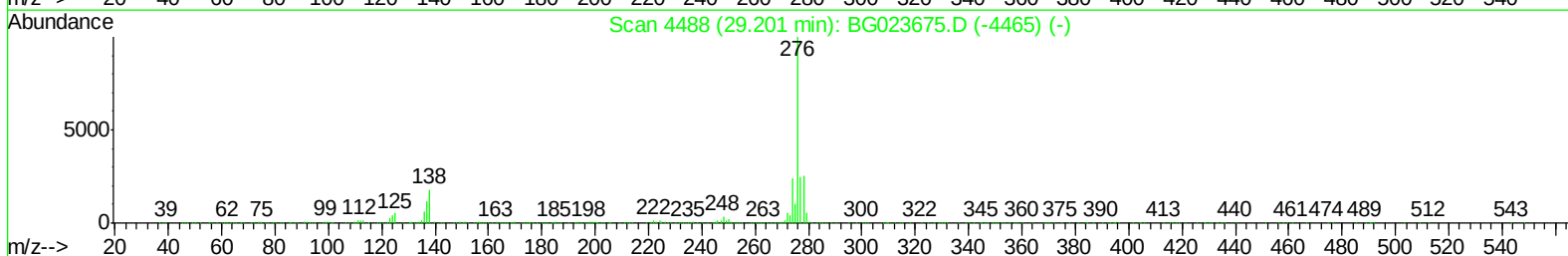
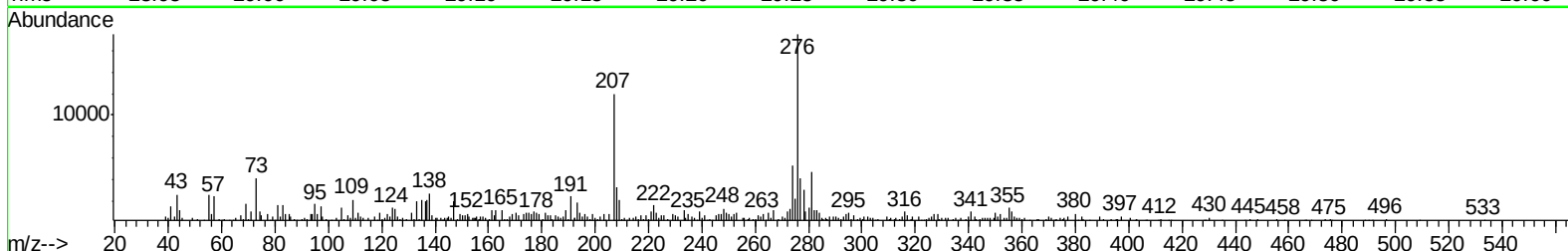
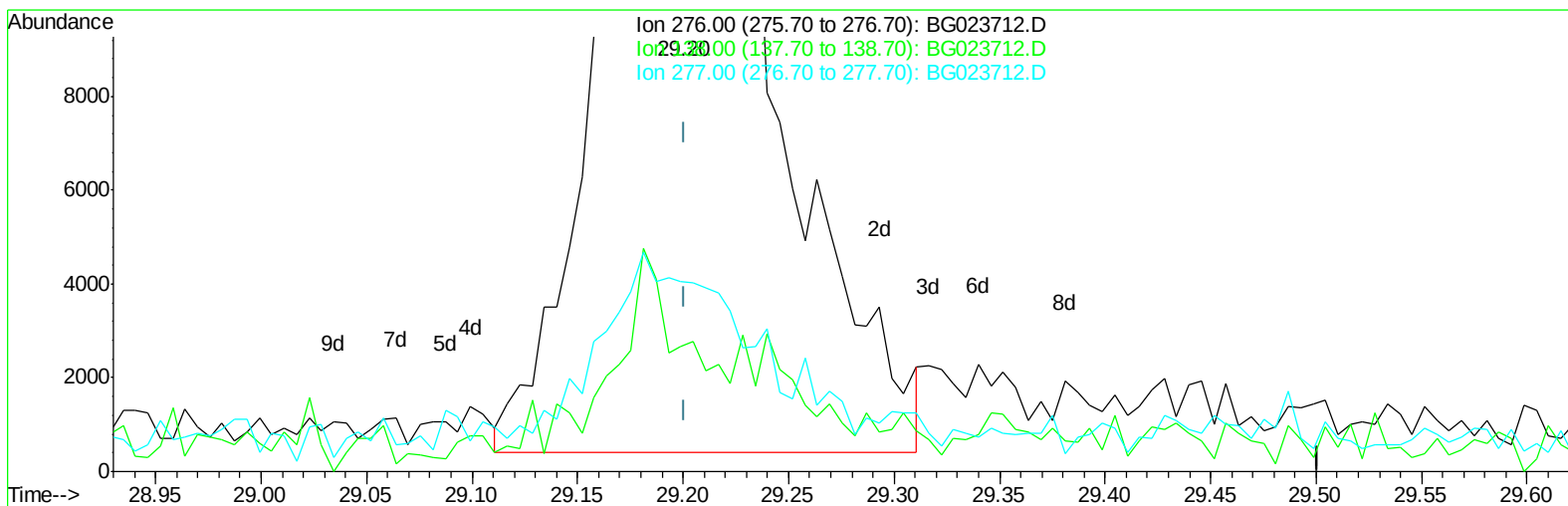
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

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Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

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

29.199min (-0.002) 1.95ng/ul m

response 93497

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	15.24#
277.00	22.00	23.04
0.00	0.00	0.00

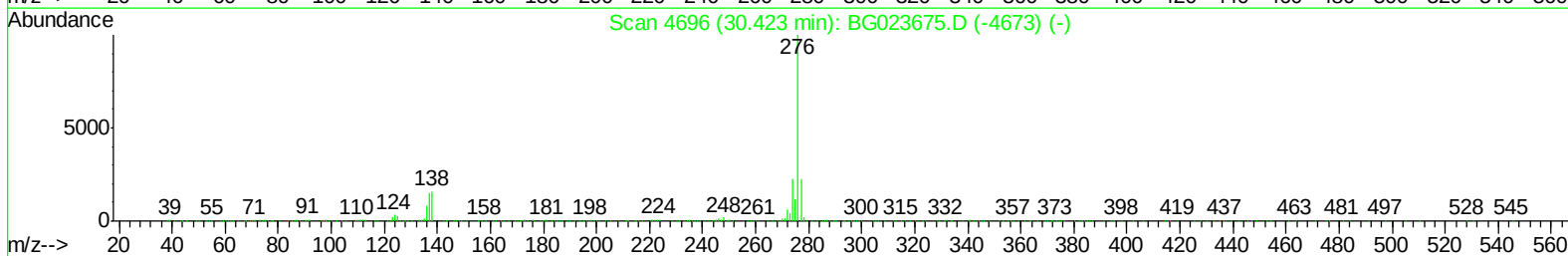
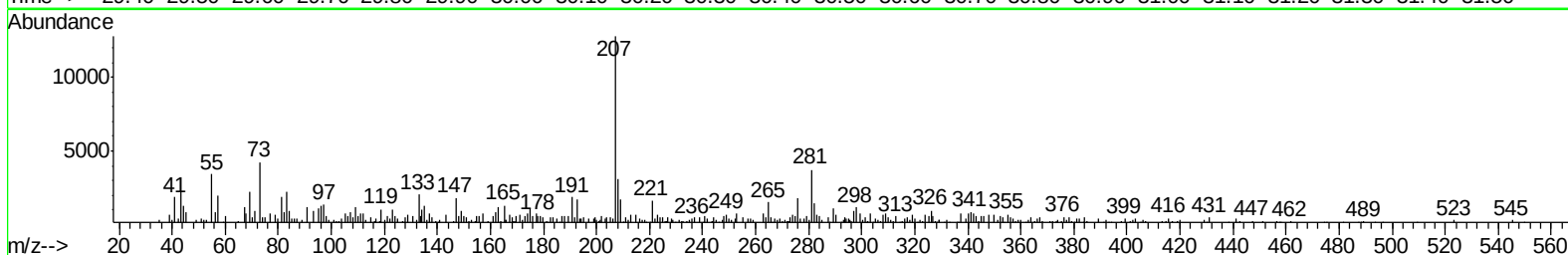
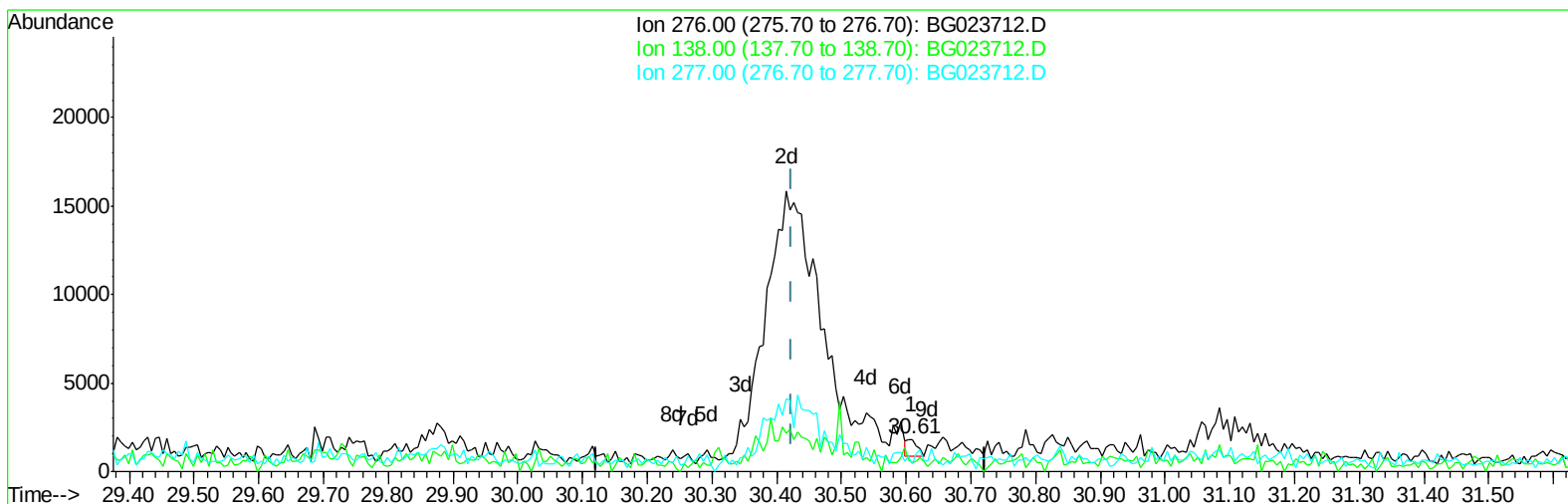
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
 Data File : BG023712.D
 Acq On : 14 Aug 2016 6:27
 Operator : UM/SJ
 Sample : H4388-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-3642-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 18:52:38 2016
 Response via : Initial Calibration



TIC: BG023712.D

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

30.609min (+0.186) 0.03ng/ul

response 1024

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	27.87
277.00	21.20	22.24
0.00	0.00	0.00

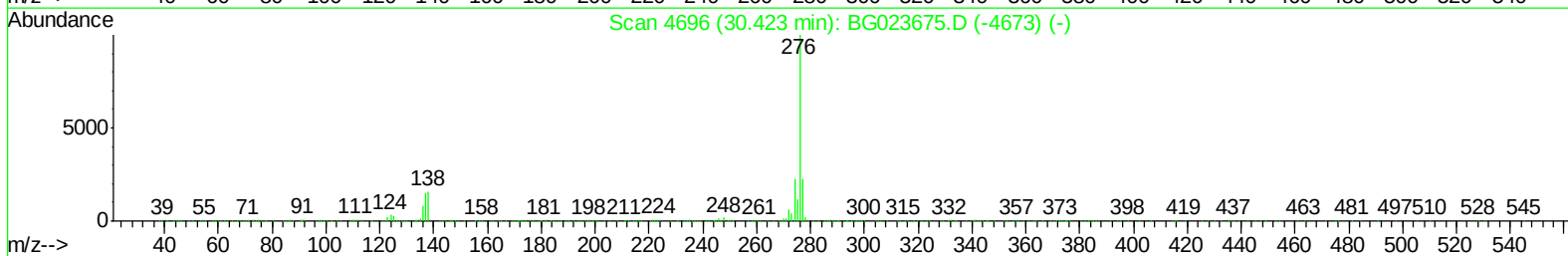
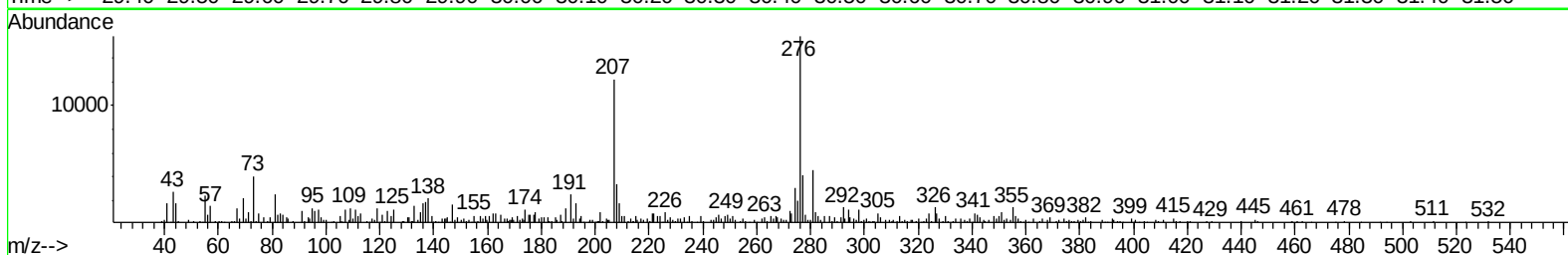
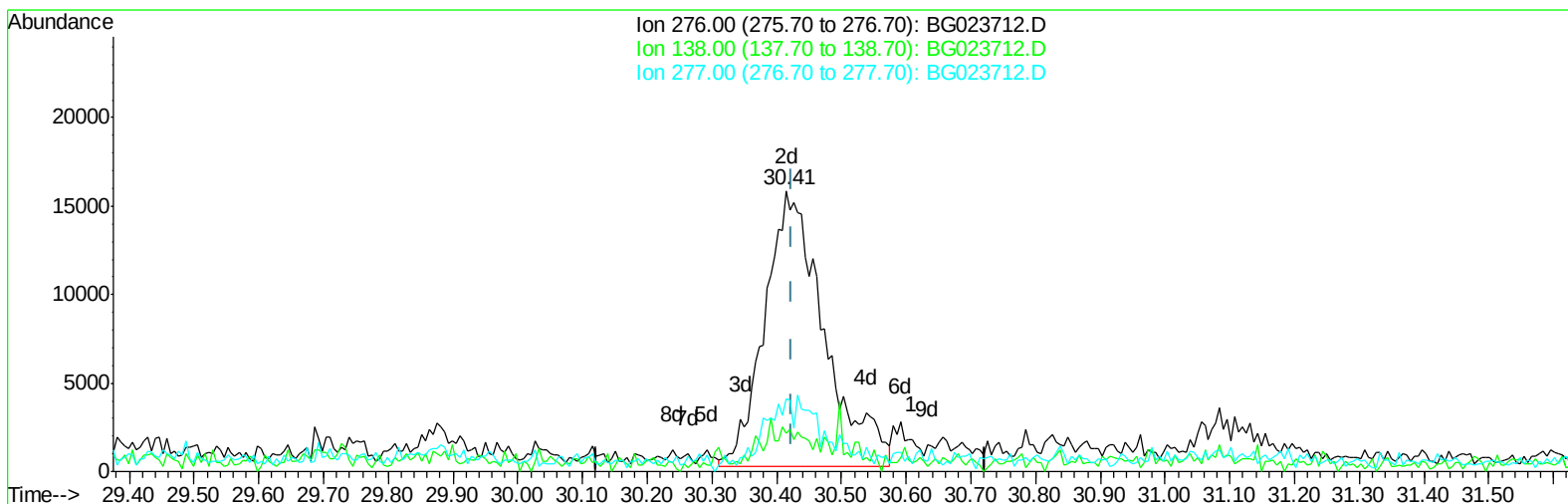
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration



TIC: BG023712.D

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

30.415min (-0.008) 2.48ng/ul m

response 98671

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	13.62#
277.00	21.20	25.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
 Data File : BG023712.D
 Acq On : 14 Aug 2016 6:27
 Operator : UM/SJ
 Sample : H4388-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-3642-01

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:35:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 18:52:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	122065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	538662	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	335680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	705782m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	756465m	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	743791	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	8056	2.81	ng/uL	0.00
5) Phenol-d5	7.27	99	223288	18.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	158087	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	165553	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	129221	13.46	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	90104m	21.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	103768	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	172403	18.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	150438m	13.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	585195	21.29	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	696574	22.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	69044	14.72	ng/ul	0.00
57) Fluorene-d10	15.78	176	508626	20.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	69405m	15.33	ng/ul	0.00
70) Anthracene-d10	17.65	188	699646m	22.00	ng/ul	0.00
76) Pyrene-d10	19.95	212	782612	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	747676	22.21	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.30	94	19931	1.56	ng/ul#	80
44) Dimethylphthalate	14.23	163	379342	13.94	ng/ul	98
47) Acenaphthylene	14.51	152	40531	1.25	ng/ul	98
69) Phenanthrene	17.60	178	231188m	6.32	ng/ul	
74) Fluoranthene	19.61	202	363814m	9.72	ng/ul	
77) Pyrene	19.98	202	667836m	14.28	ng/ul	
80) Benzo(a)anthracene	21.86	228	279816m	6.57	ng/ul	
82) Chrysene	21.93	228	304934m	7.87	ng/ul	
85) Benzo(b)fluoranthene	24.20	252	208285	4.92	ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	52906m	1.27	ng/ul	
88) Benzo(a)pyrene	25.13	252	186549	4.57	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.20	276	93497m	1.95	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	98671m	2.48	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Manual Integrations
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