

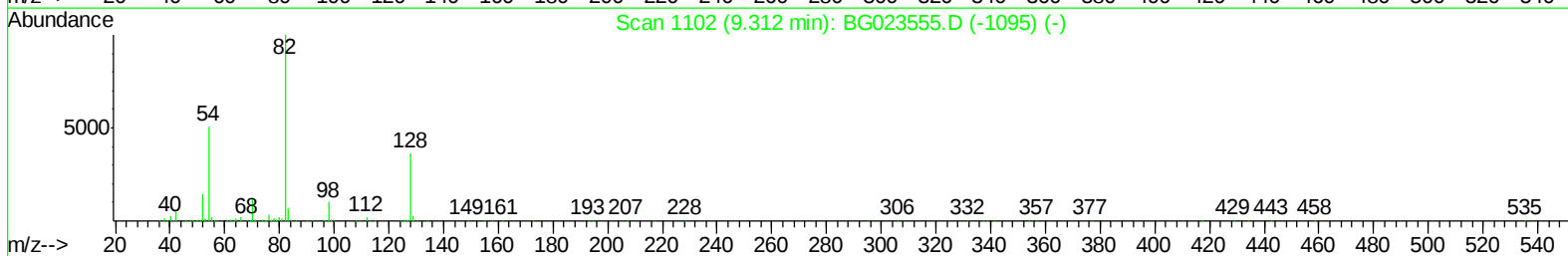
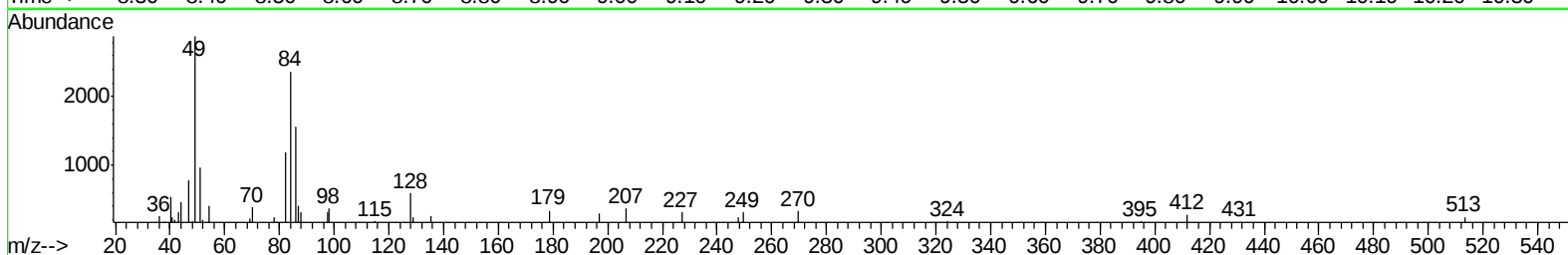
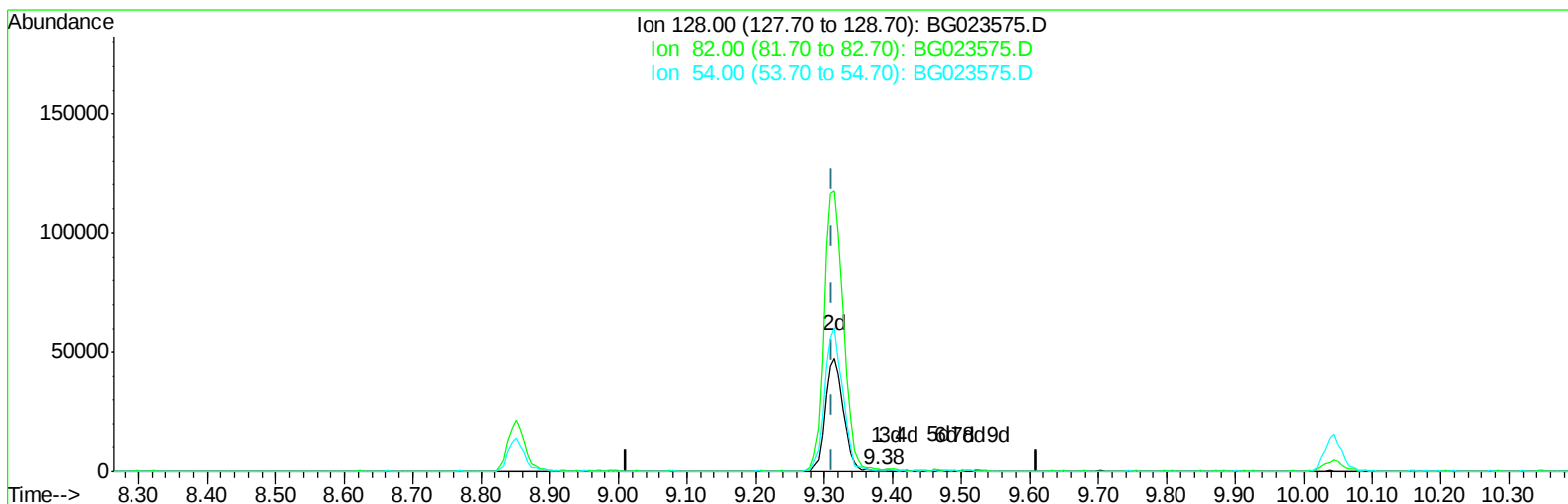
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023575.D

(19) Nitrobenzene-d5 (S)

9.379min (+0.068) 0.12ng/ul

response 594

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	201.70
54.00	78.50	67.18
0.00	0.00	0.00

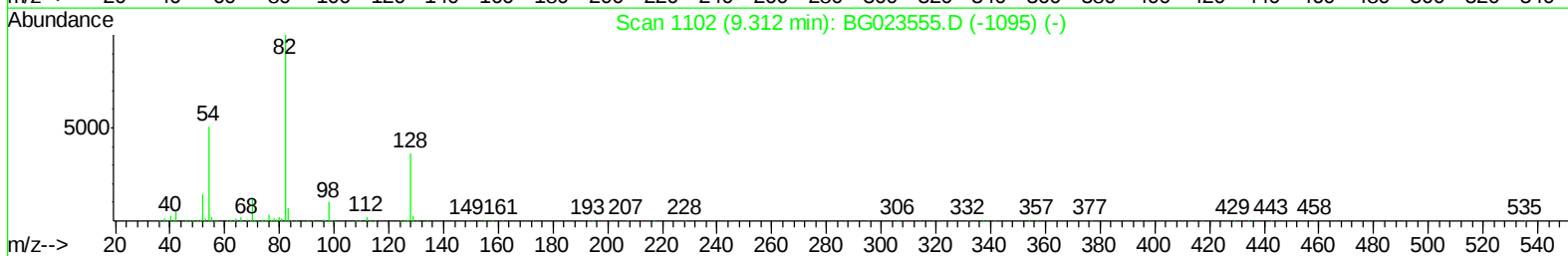
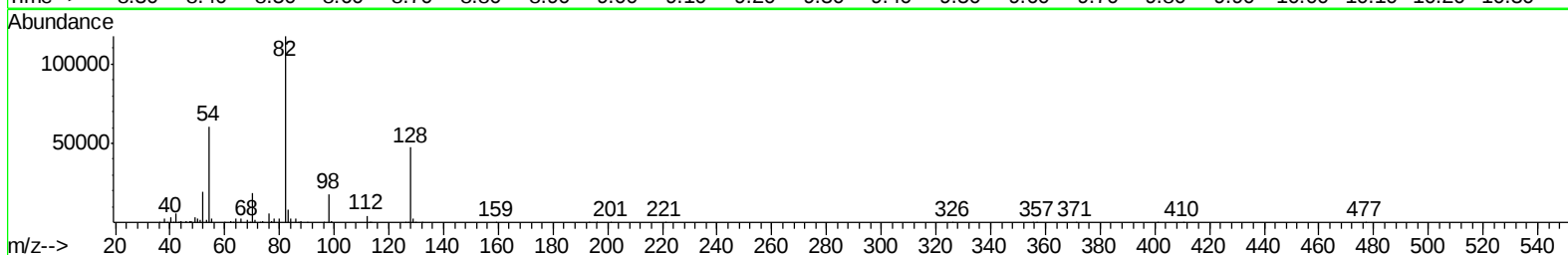
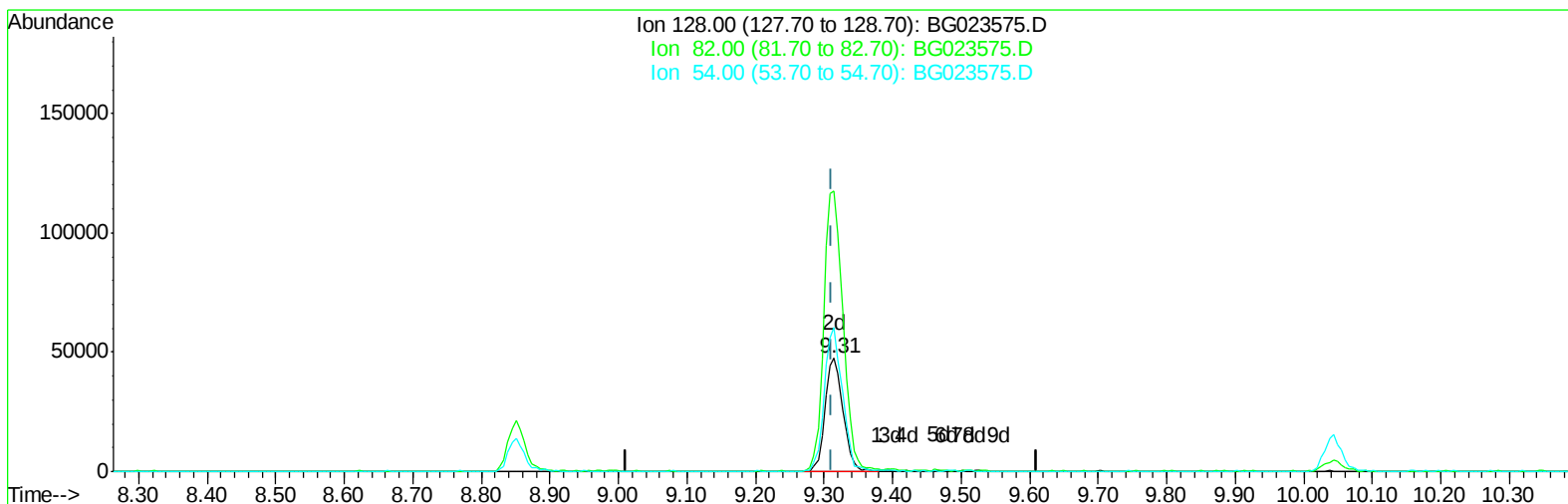
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023575.D

(19) Nitrobenzene-d5 (S)

9.315min (+0.003) 17.67ng/ul m

response 86261

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	248.17
54.00	78.50	127.82#
0.00	0.00	0.00

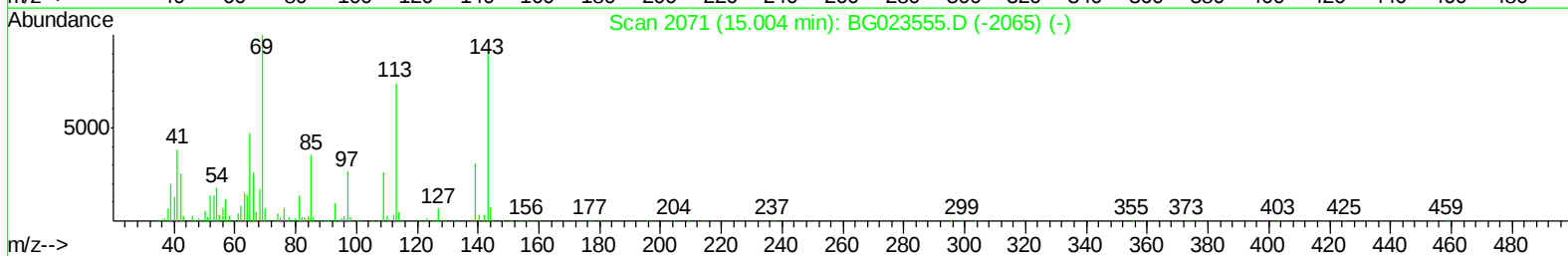
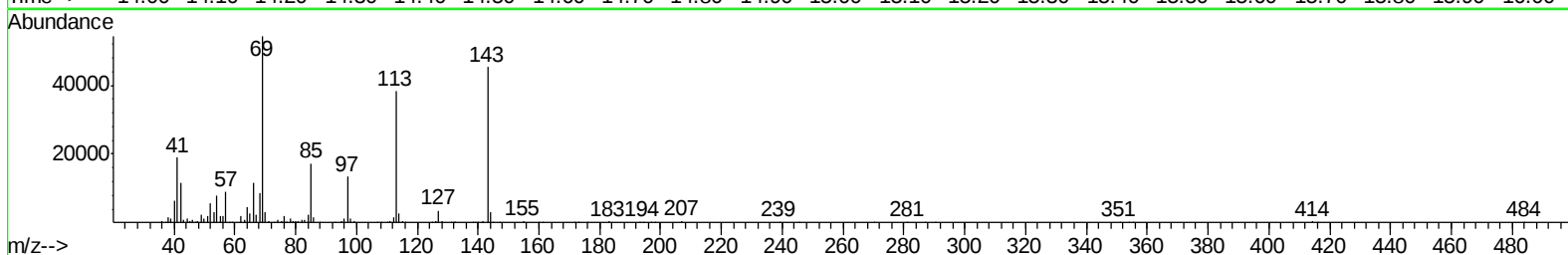
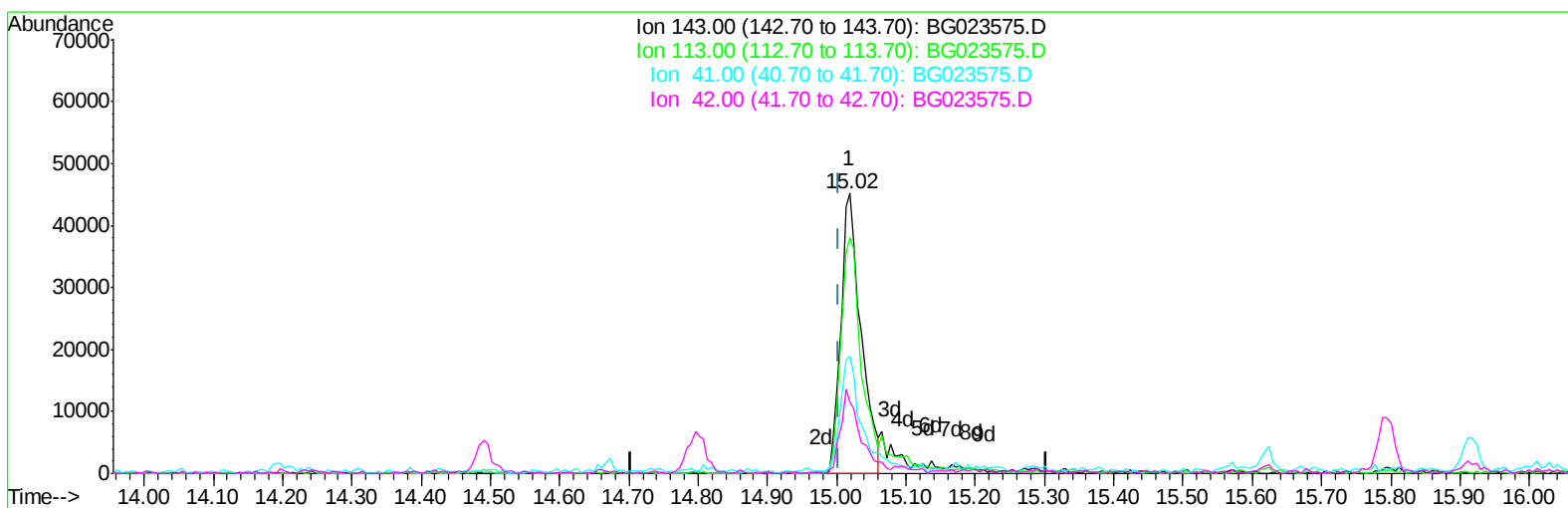
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023575.D

(51) 4-Nitrophenol-d4 (S)

15.019min (+0.015) 14.24ng/ul

response 92286

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	84.31#
41.00	26.90	41.90#
42.00	16.10	25.45#

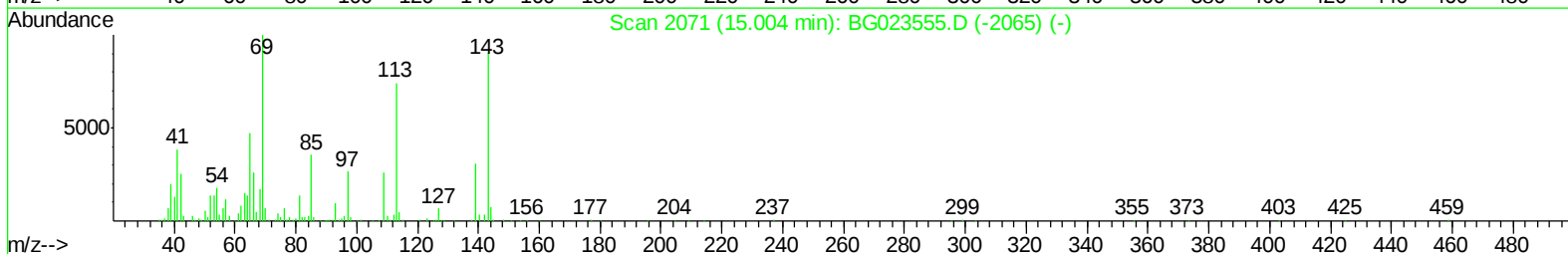
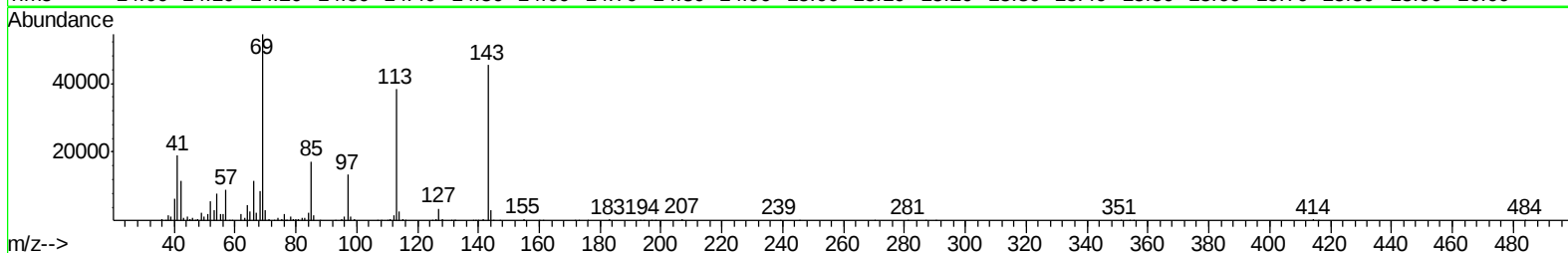
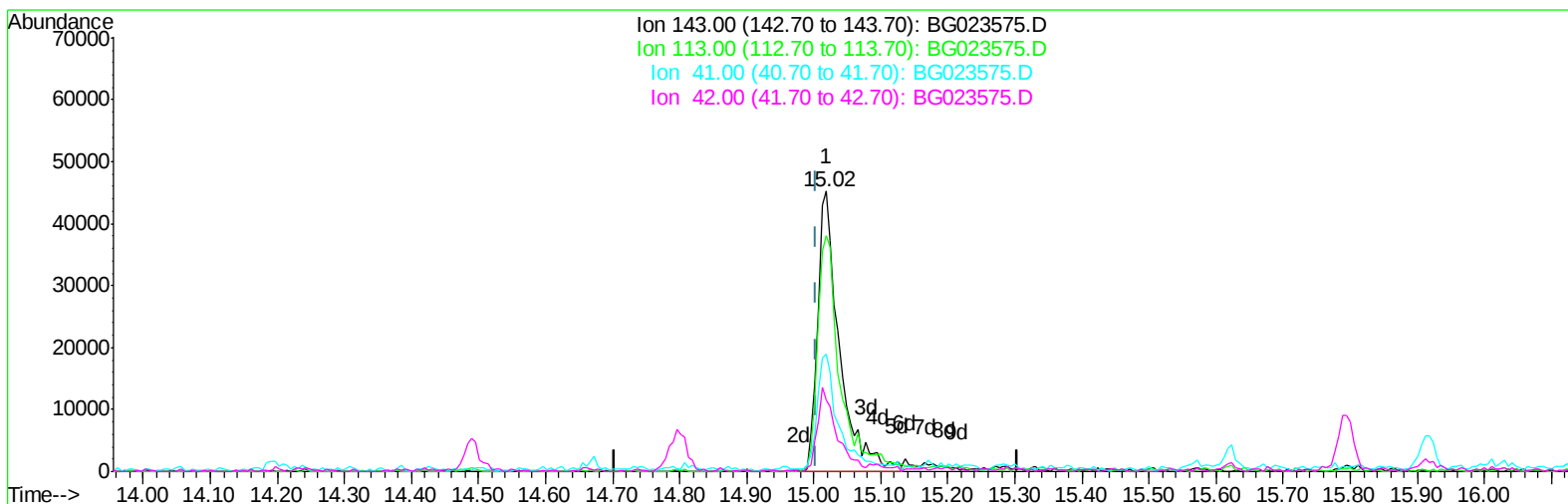
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023575.D

(51) 4-Nitrophenol-d4 (S)

15.019min (+0.015) 15.88ng/ul m

response 102920

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	84.31#
41.00	26.90	41.90#
42.00	16.10	25.45#

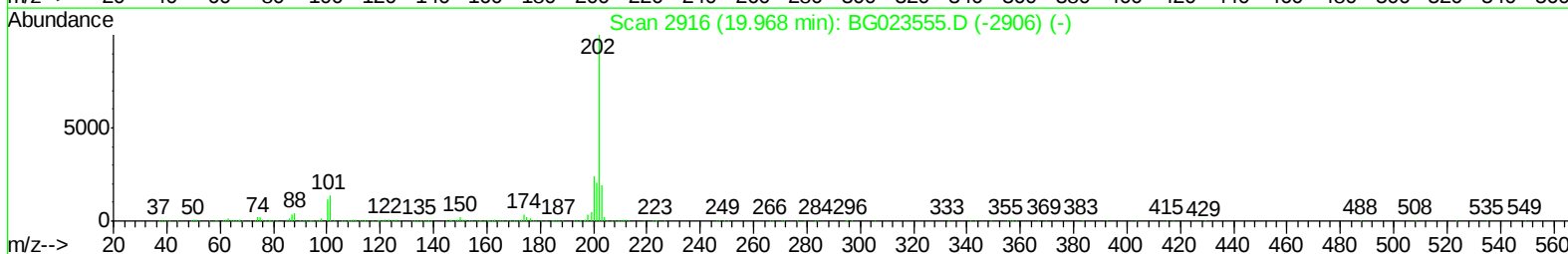
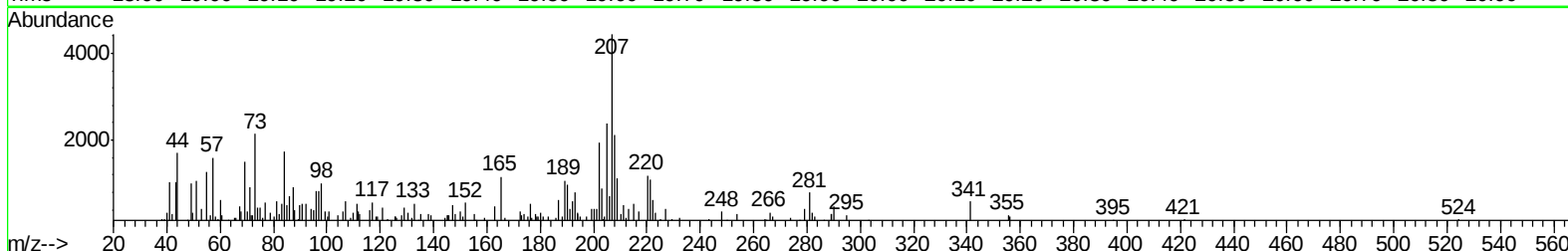
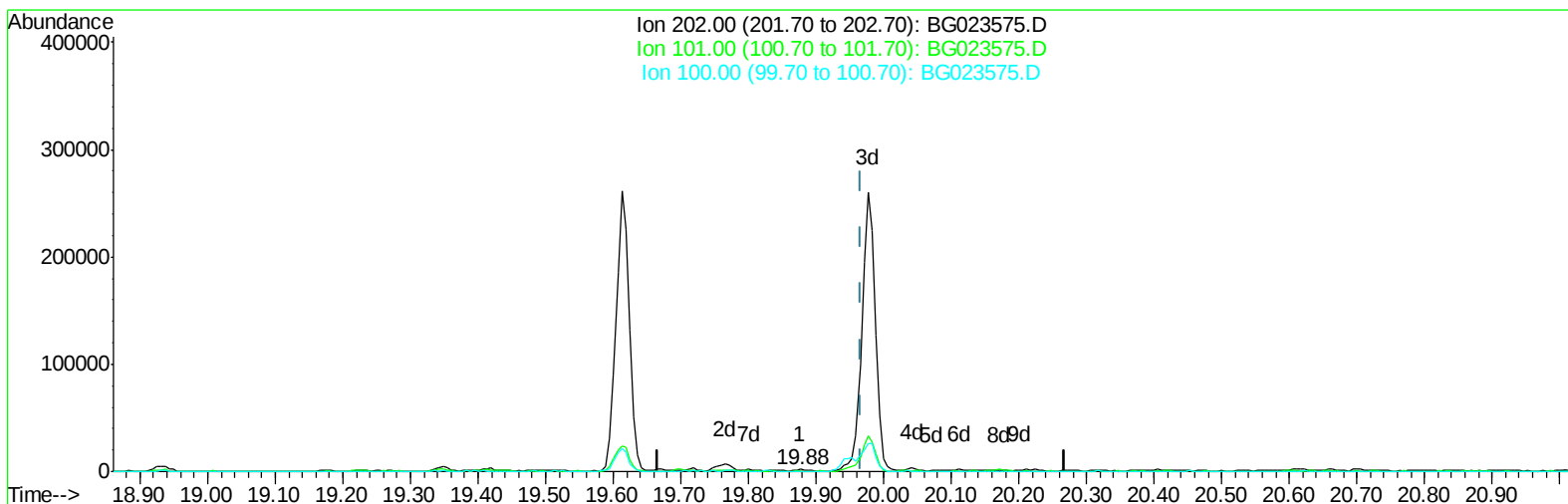
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Manual Integrations
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Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023575.D

(77) Pyrene

19.877min (-0.091) 0.03ng/ul

response 2280

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	17.86
100.00	12.80	12.06
0.00	0.00	0.00

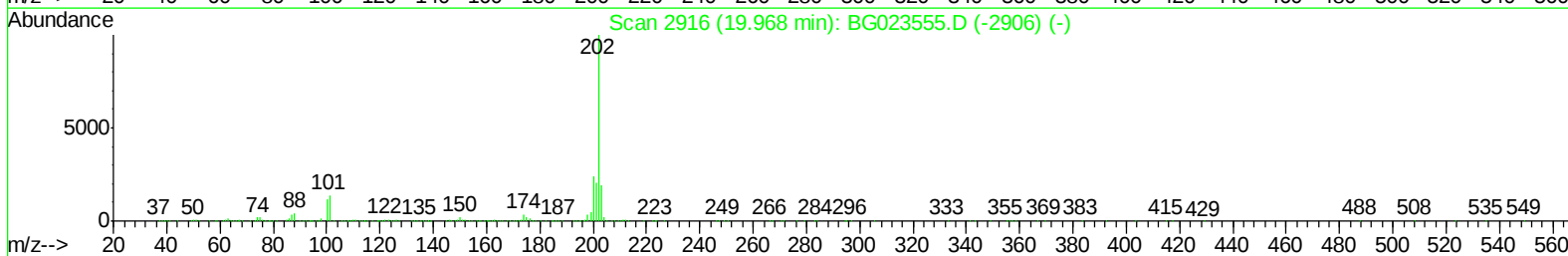
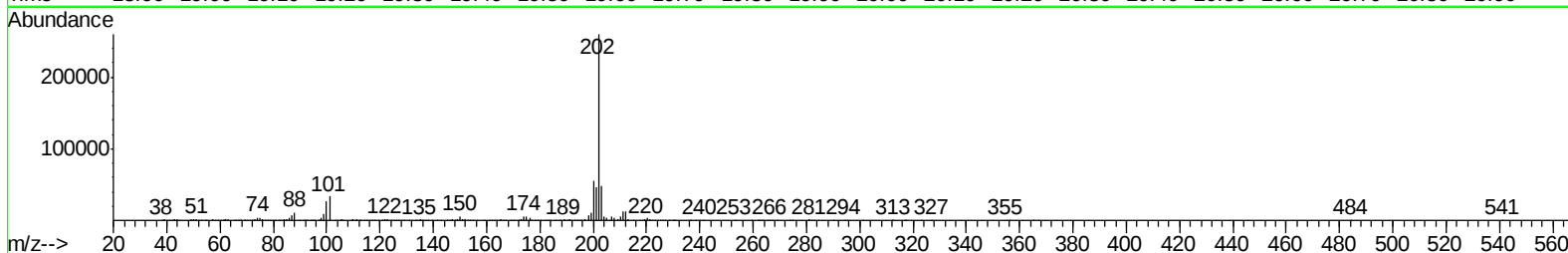
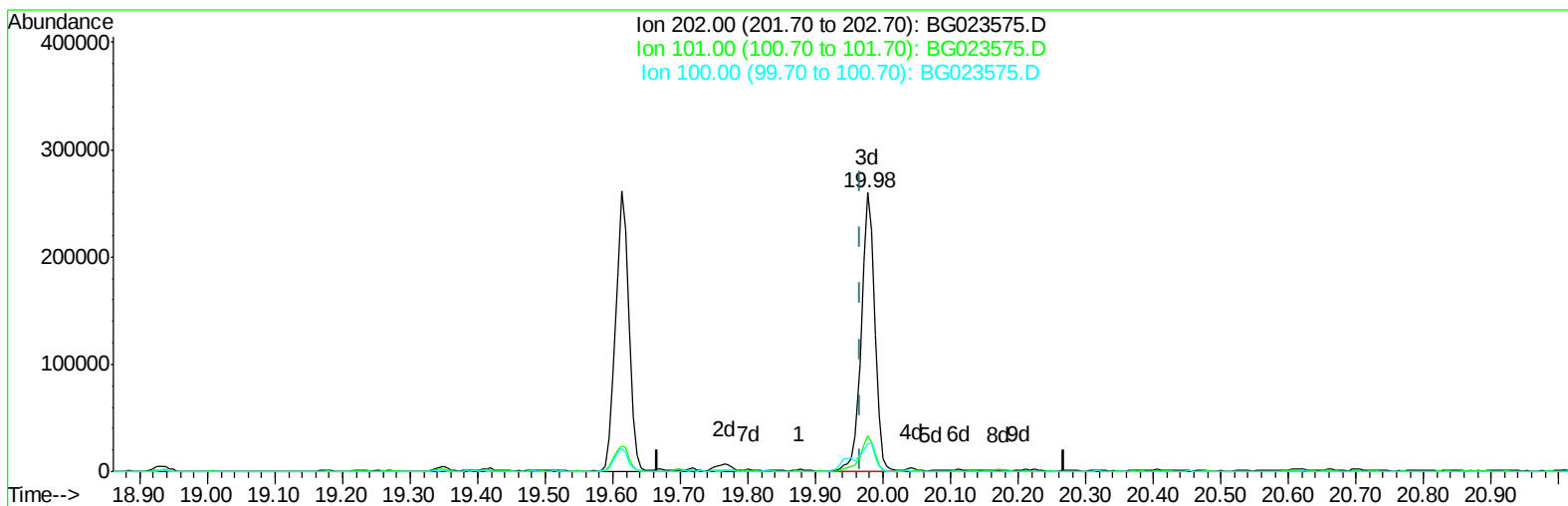
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023575.D

(77) Pyrene

19.977min (+0.009) 4.91ng/ul m

response 366098

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	12.84
100.00	12.80	10.14#
0.00	0.00	0.00

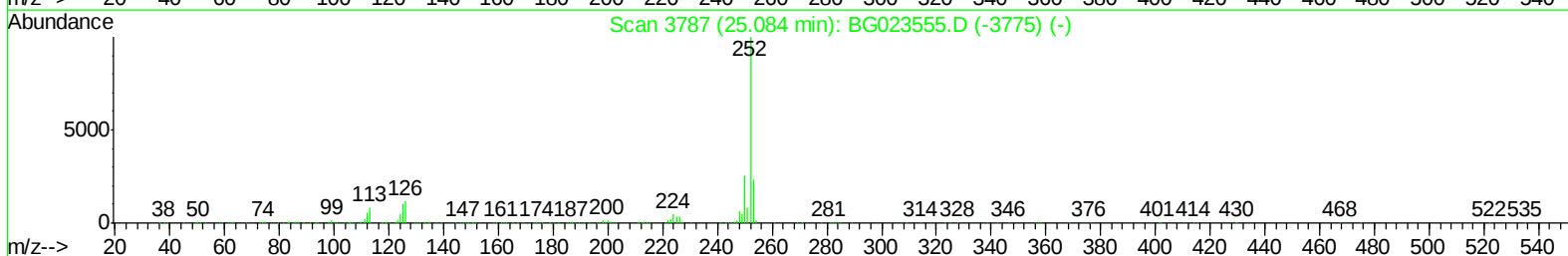
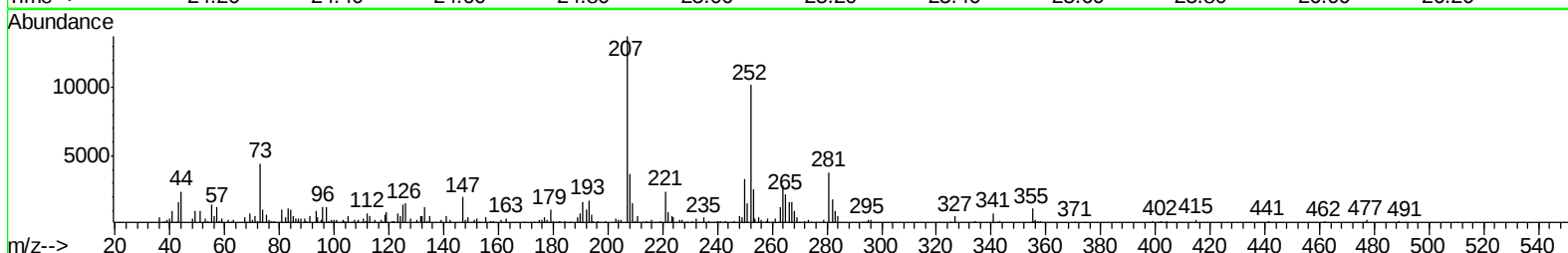
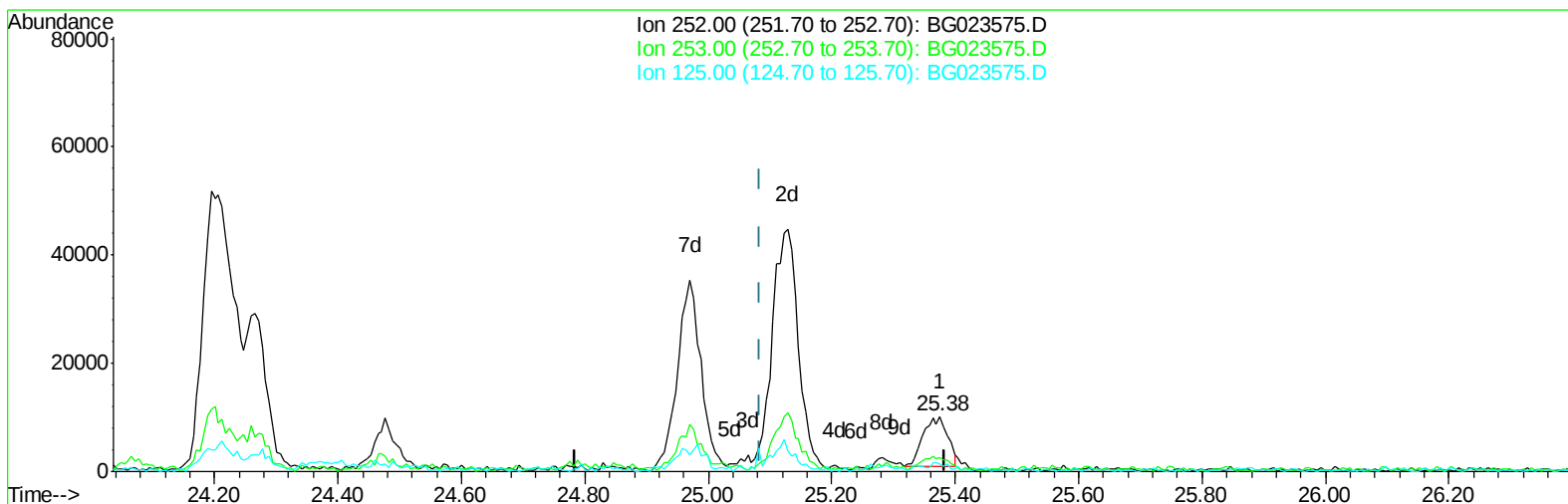
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Manual Integrations
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Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023575.D

(88) Benzo(a)pyrene (C)

25.375min (+0.291) 0.40ng/ul

response 24918

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	25.50
125.00	15.00	14.37
0.00	0.00	0.00

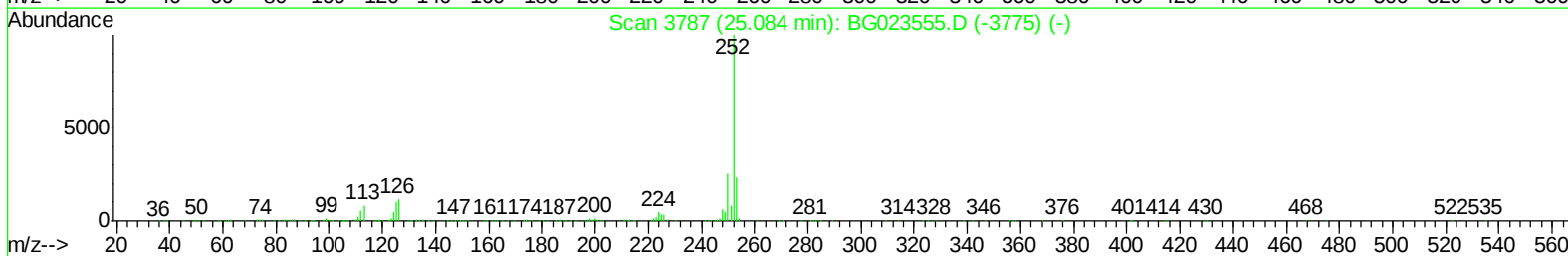
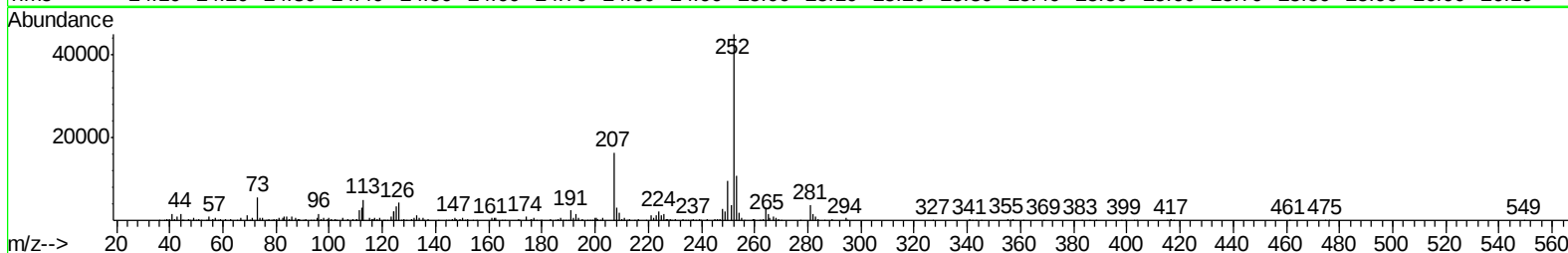
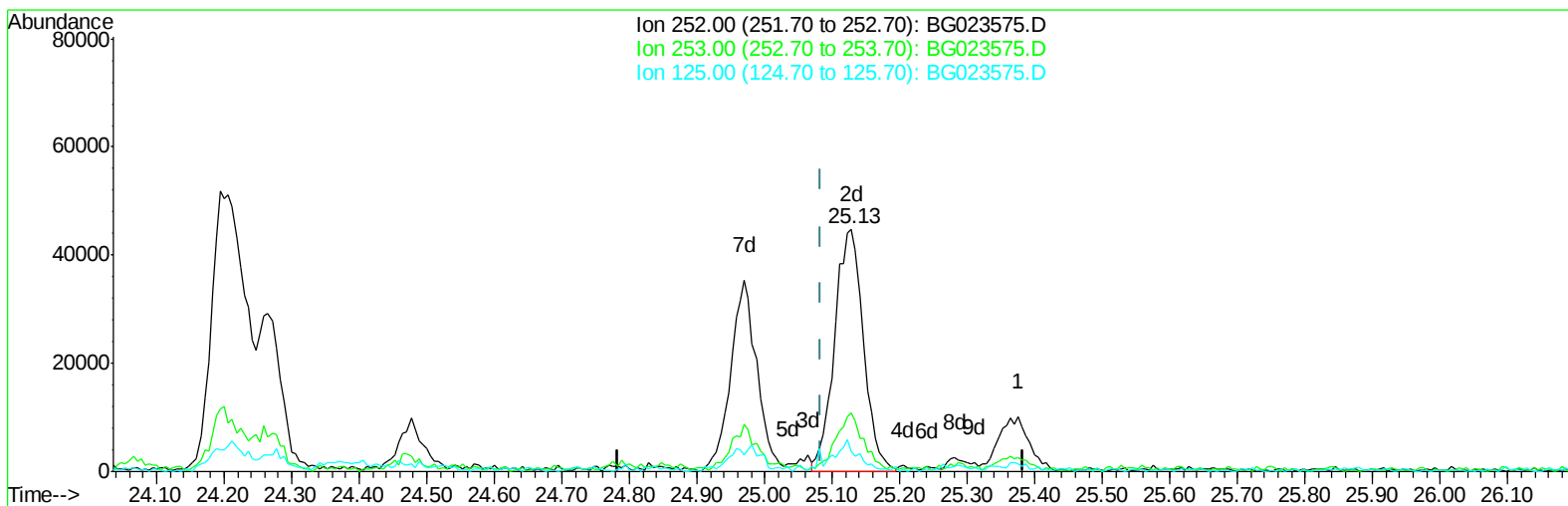
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Manual Integrations
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Quant Time: Aug 10 05:05:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023575.D

(88) Benzo(a)pyrene (C)

25.129min (+0.044) 2.13ng/ul m

response 132339

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.42
125.00	15.00	8.19#
0.00	0.00	0.00

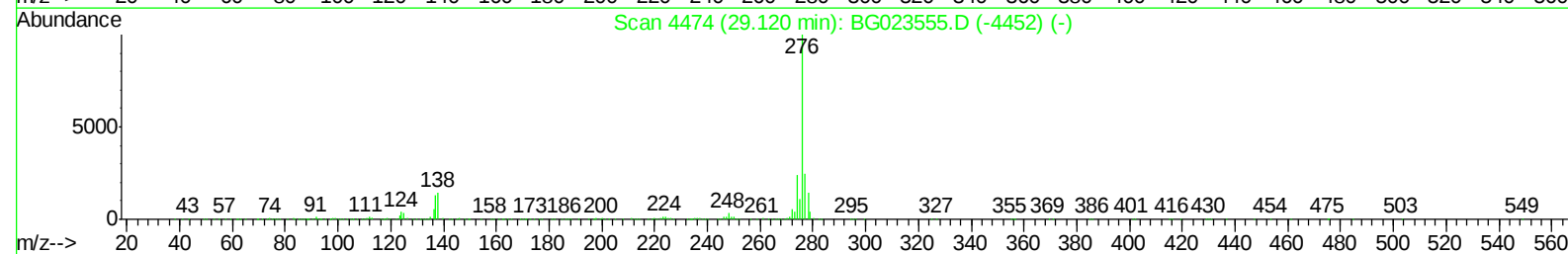
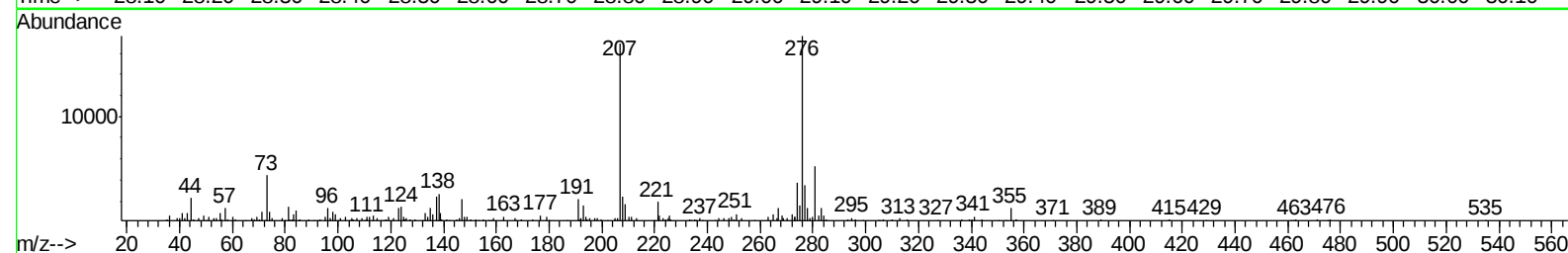
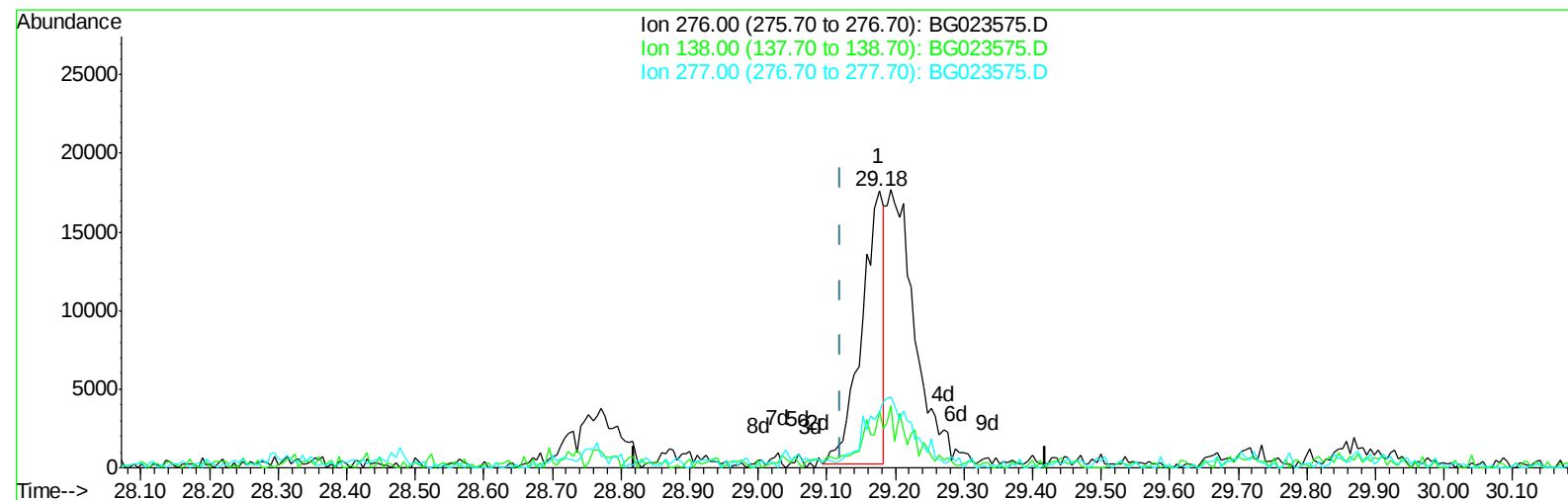
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Quant Time: Aug 10 06:19:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023575.D

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

29.176min (+0.056) 0.53ng/ul

response 38495

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	20.36#
277.00	22.00	19.97
0.00	0.00	0.00

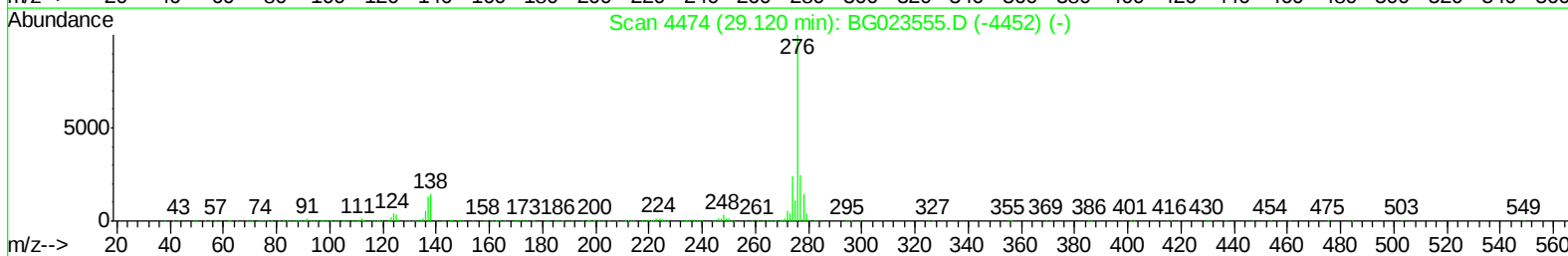
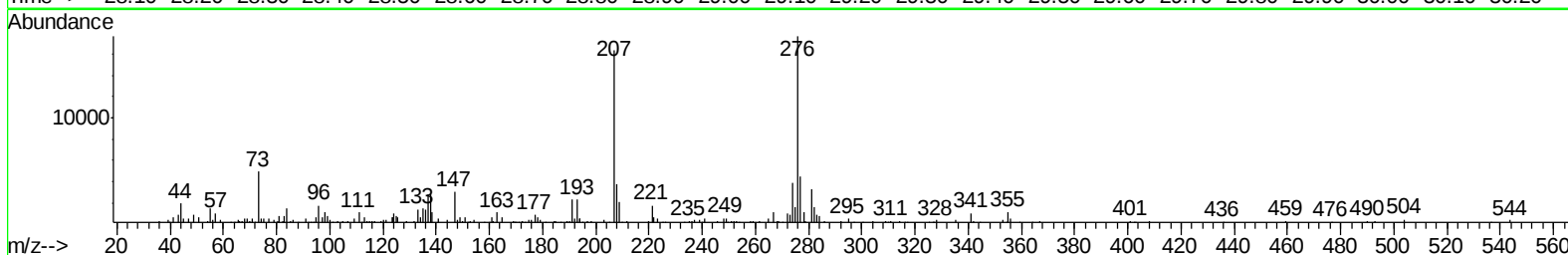
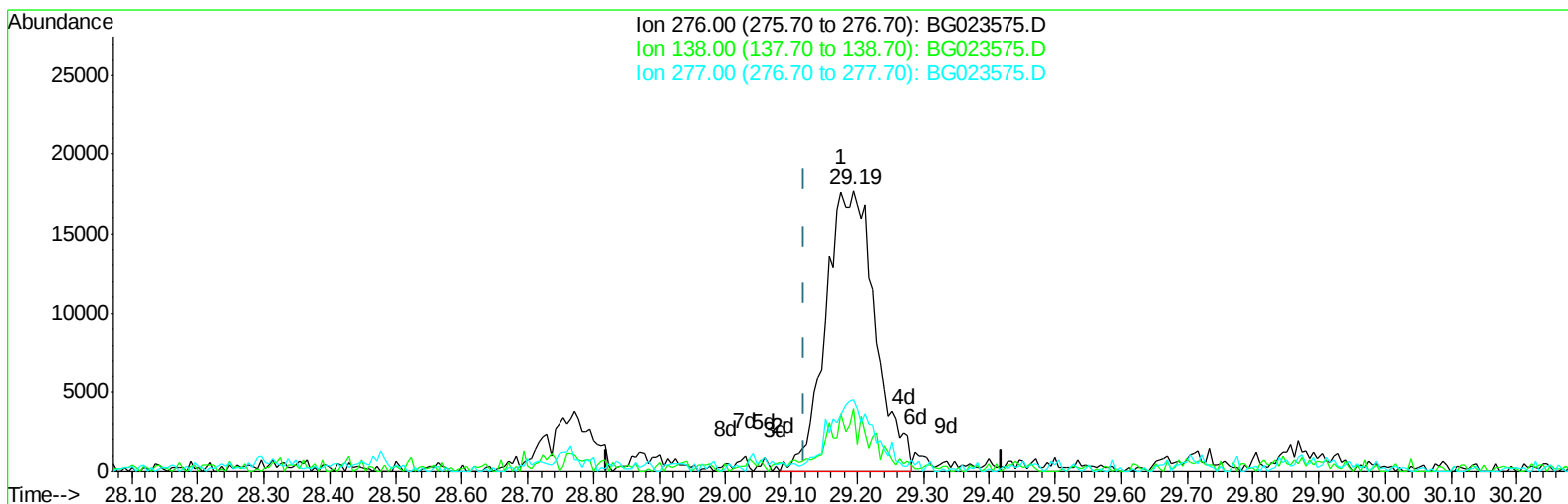
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Manual Integrations
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Quant Time: Aug 10 06:19:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023575.D

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

29.194min (+0.074) 1.25ng/ul m

response 91557

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	15.80#
277.00	22.00	25.61
0.00	0.00	0.00

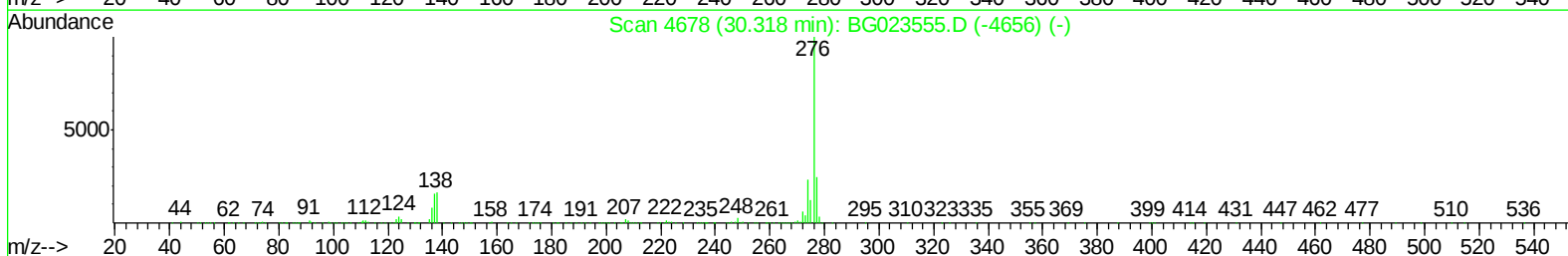
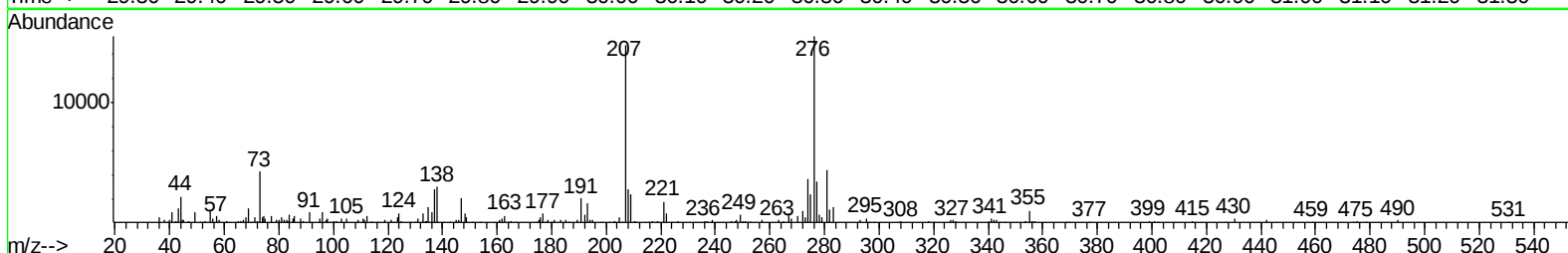
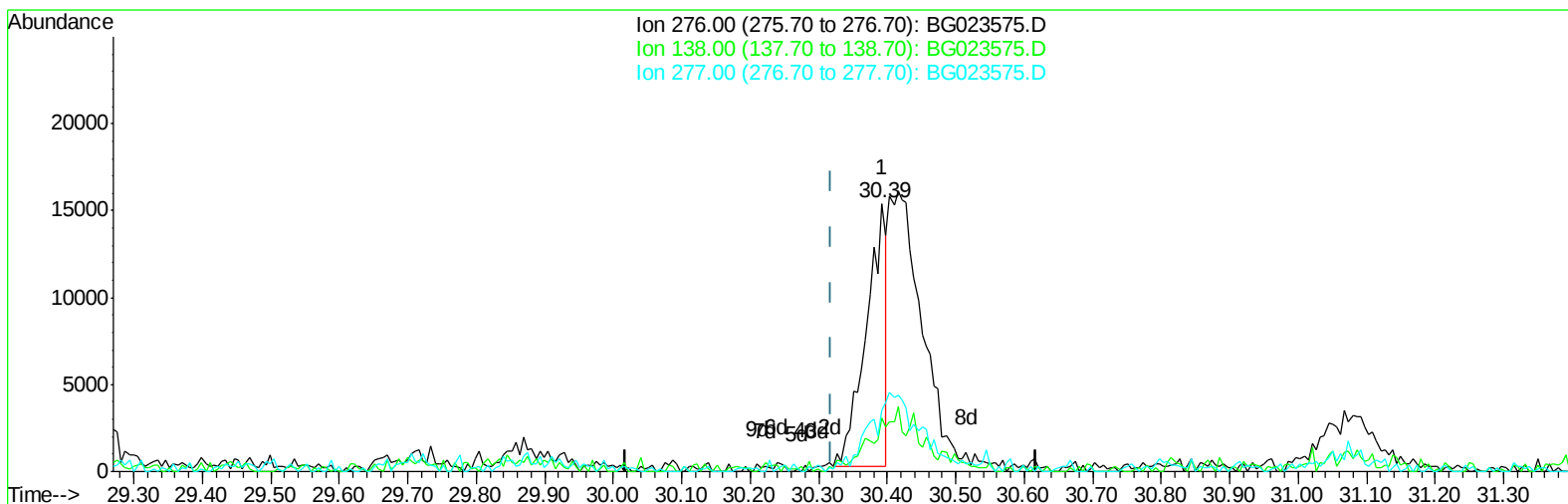
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Manual Integrations
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Quant Time: Aug 10 06:19:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023575.D

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

30.392min (+0.074) 0.52ng/ul

response 31205

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	19.73#
277.00	21.20	22.79
0.00	0.00	0.00

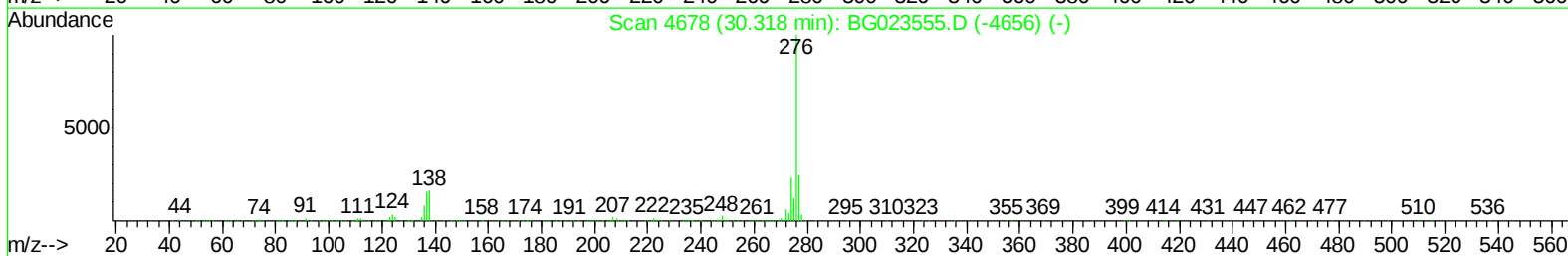
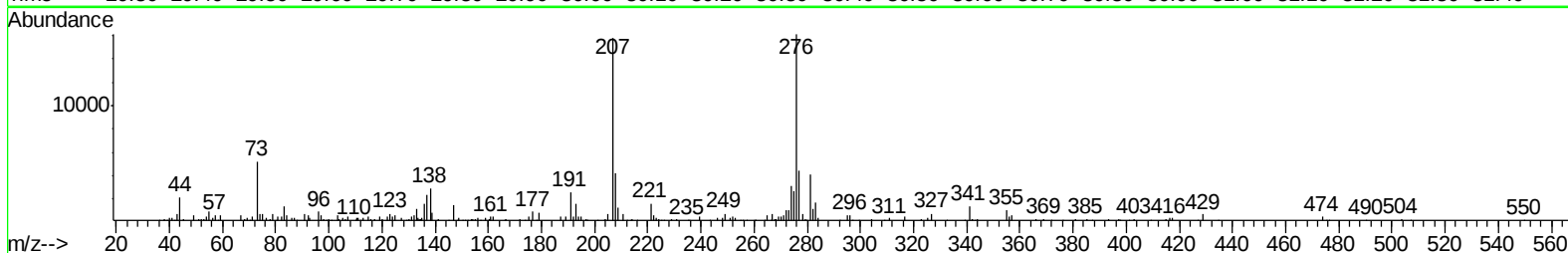
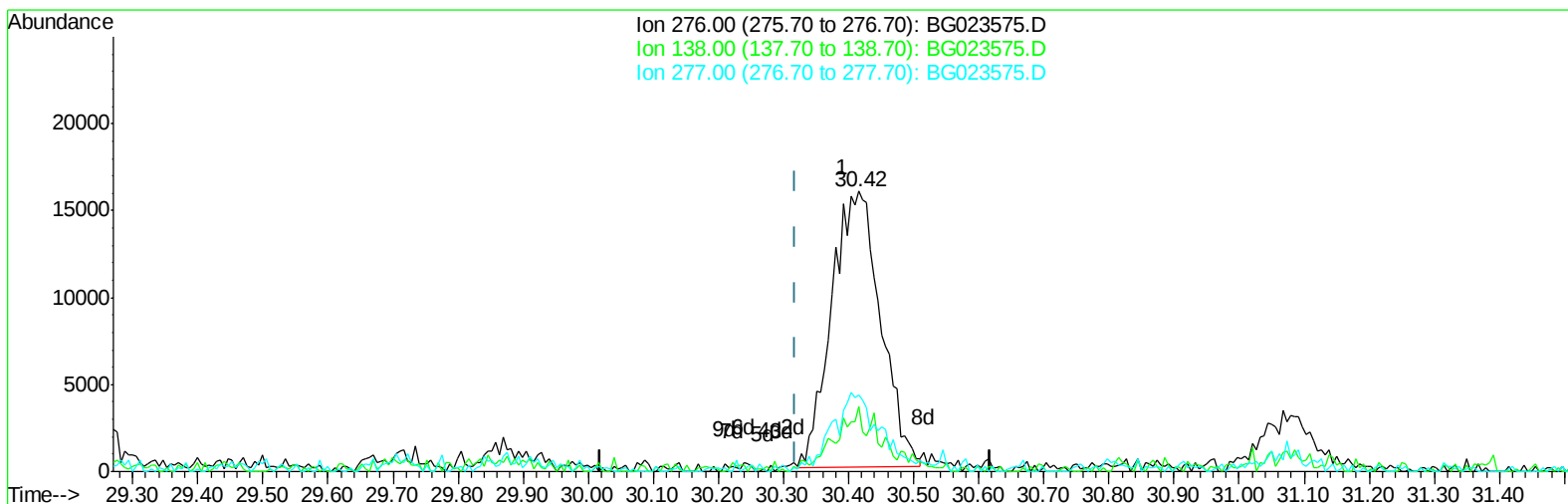
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Manual Integrations
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Quant Time: Aug 10 06:19:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration



TIC: BG023575.D

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

30.416min (+0.097) 1.37ng/ul m

response 83057

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	17.94#
277.00	21.20	27.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023575.D
 Acq On : 10 Aug 2016 3:10
 Operator : UM/SJ
 Sample : H4362-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0206-01

Manual Integrations
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Quant Time: Aug 10 06:20:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	131274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	619193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	463763	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1167310	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1205886	20.00	ng/ul	0.01
83) Perylene-d12	25.29	264	1131719	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	4776	1.55	ng/uL	0.00
5) Phenol-d5	7.29	99	243231	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	157002	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	167224	18.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	167155	16.19	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	86261m	17.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	99137	17.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	185460	17.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	171554	13.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	704983	18.57	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	813967	19.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	102920m	15.88	ng/ul	0.01
57) Fluorene-d10	15.79	176	677731	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	121338	16.20	ng/ul	0.00
70) Anthracene-d10	17.66	188	1039199	19.76	ng/ul	0.00
76) Pyrene-d10	19.95	212	1215953	19.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1032023	20.15	ng/ul	0.04

Target Compounds

					Qvalue
44) Dimethylphthalate	14.24	163	732628	19.48 ng/ul	99
69) Phenanthrene	17.60	178	189667	3.14 ng/ul	96
74) Fluoranthene	19.61	202	353600	5.71 ng/ul#	91
77) Pyrene	19.98	202	366098m	4.91 ng/ul	
80) Benzo(a)anthracene	21.86	228	137161	2.02 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.74	149	54177	1.42 ng/ul#	98
82) Chrysene	21.93	228	173236	2.81 ng/ul	98
85) Benzo(b)fluoranthene	24.19	252	179983	2.80 ng/ul#	94
88) Benzo(a)pyrene	25.13	252	132339m	2.13 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	91557m	1.25 ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	83057m	1.37 ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023575.D
Acq On : 10 Aug 2016 3:10
Operator : UM/SJ
Sample : H4362-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

Manual Integrations
APPROVED

sohil
8/10/2016 6:51:18 PM

Quant Time: Aug 10 06:20:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

