

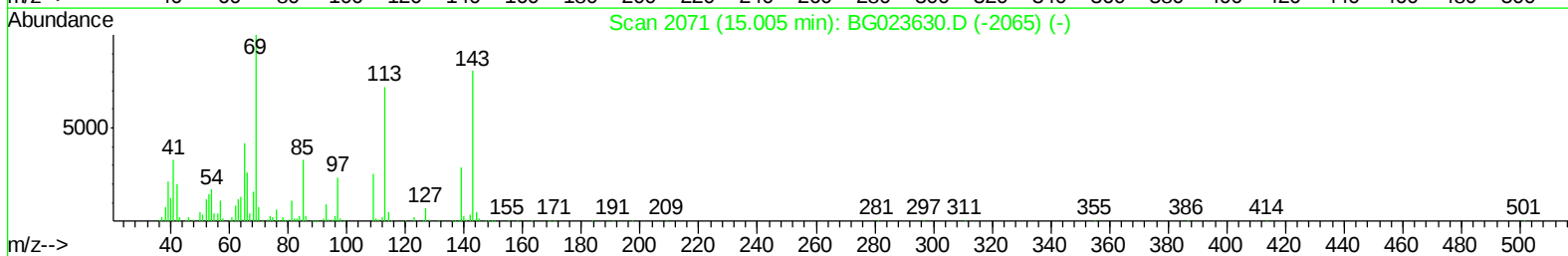
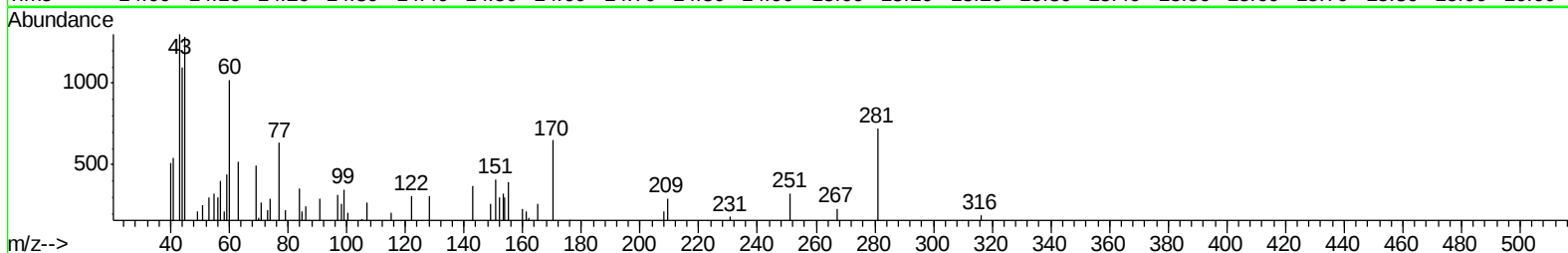
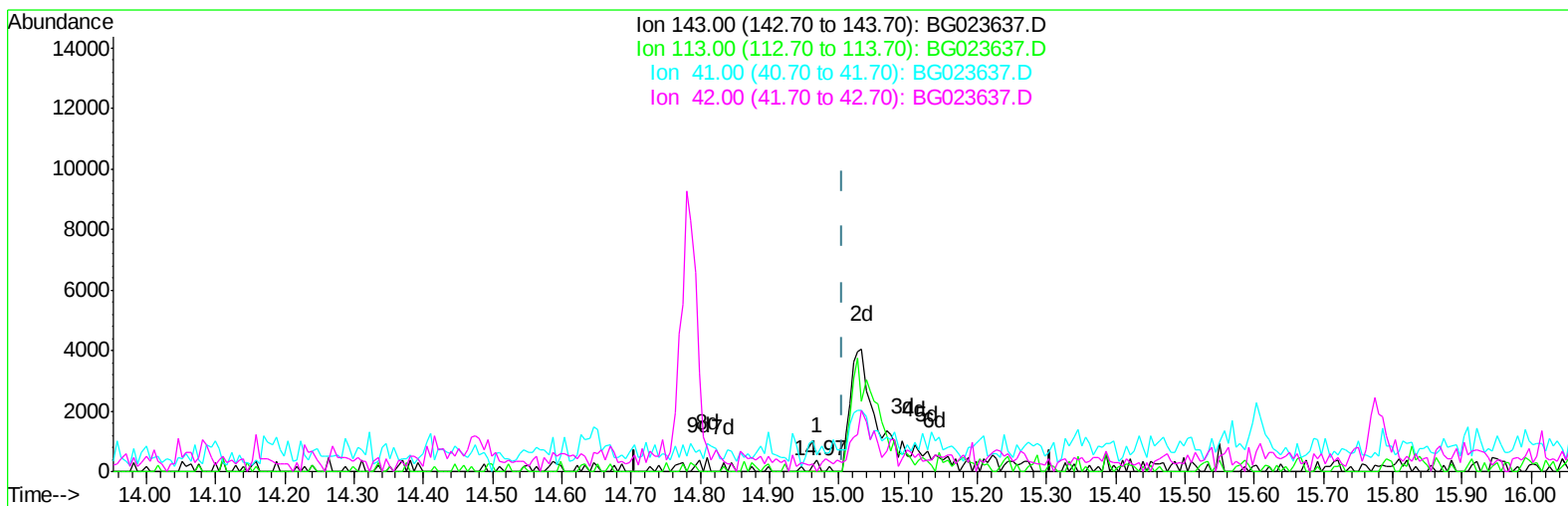
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Quant Time: Aug 12 04:37:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG023637.D

(51) 4-Nitrophenol-d4 (S)

14.969min (-0.037) 0.03ng/ul

response 212

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	0.00#
41.00	26.90	144.89#
42.00	16.10	0.00#

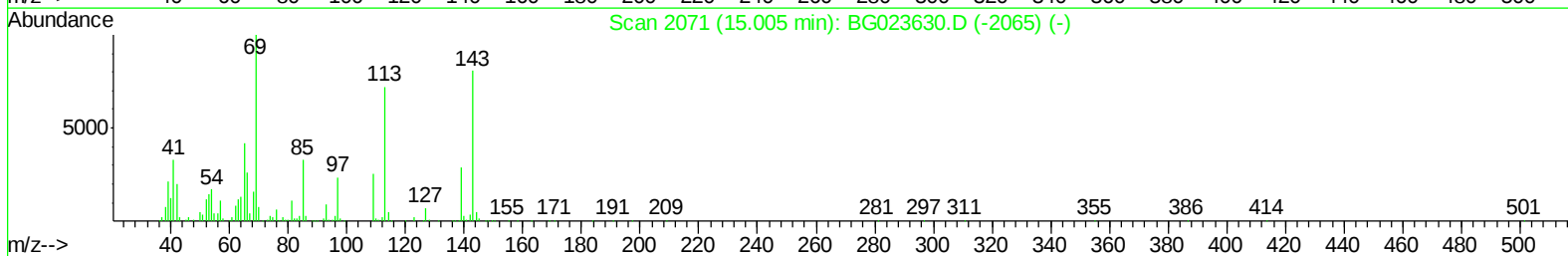
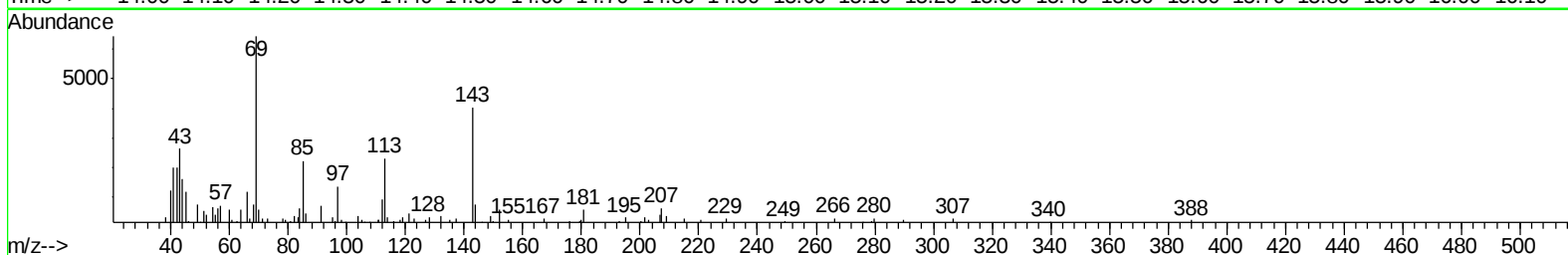
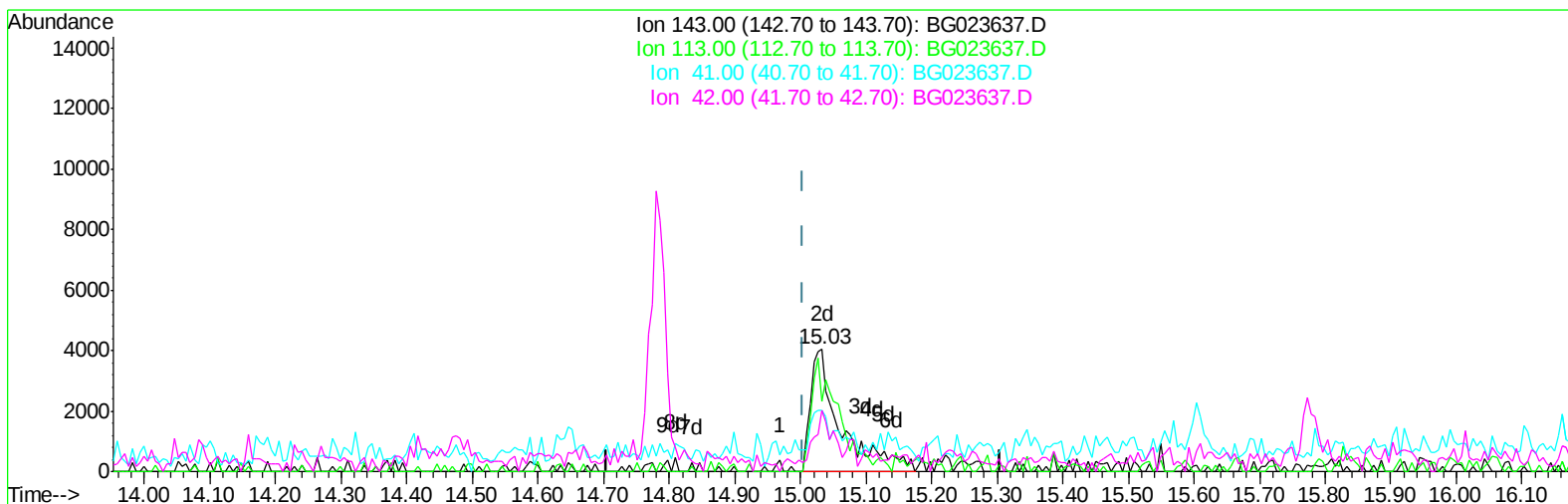
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023637.D
 Acq On : 12 Aug 2016 00:43
 Operator : UM/SJ
 Sample : H4360-20 4X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0206-01

Manual Integrations
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Quant Time: Aug 12 04:37:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
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TIC: BG023637.D

(51) 4-Nitrophenol-d4 (S)

15.033min (+0.028) 1.89ng/ul m

response 12756

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	57.34
41.00	26.90	49.94#
42.00	16.10	50.31#

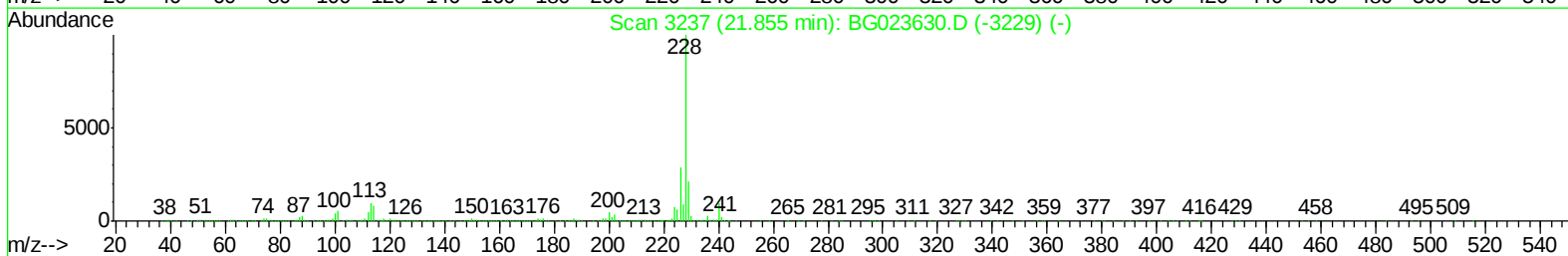
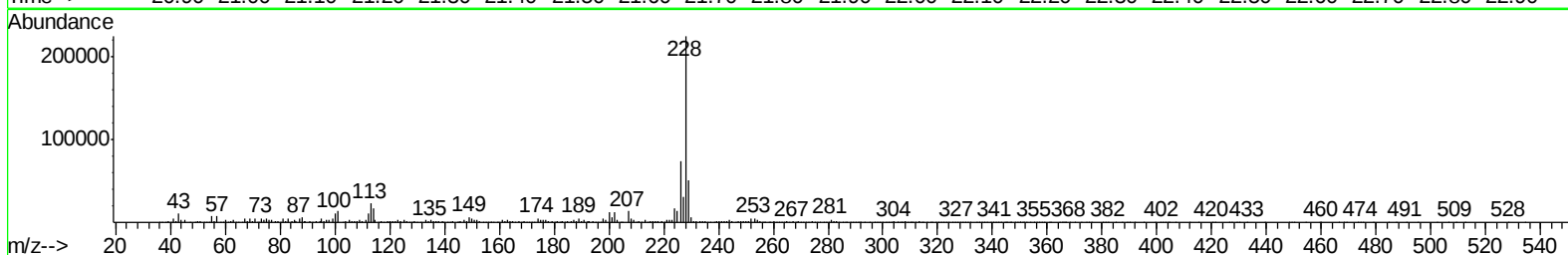
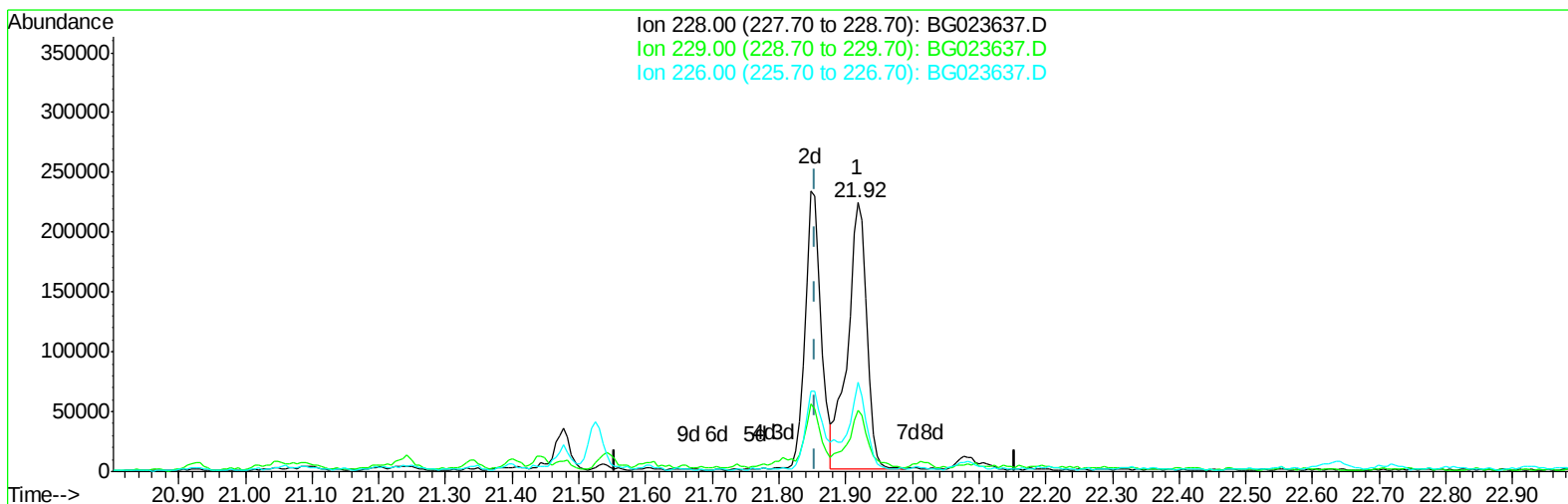
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Manual Integrations
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Quant Time: Aug 12 04:37:08 2016
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TIC: BG023637.D

(80) Benzo(a)anthracene
21.918min (+0.063) 7.49ng/ul
response 450153

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.76
226.00	28.50	33.16
0.00	0.00	0.00

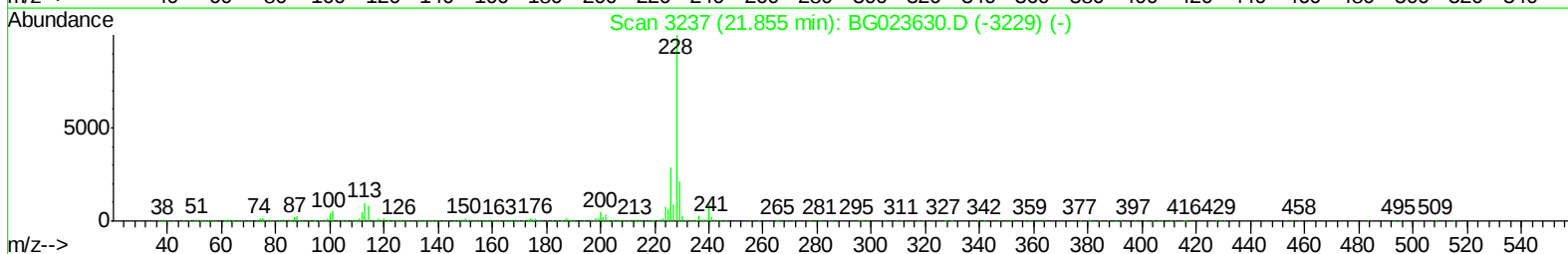
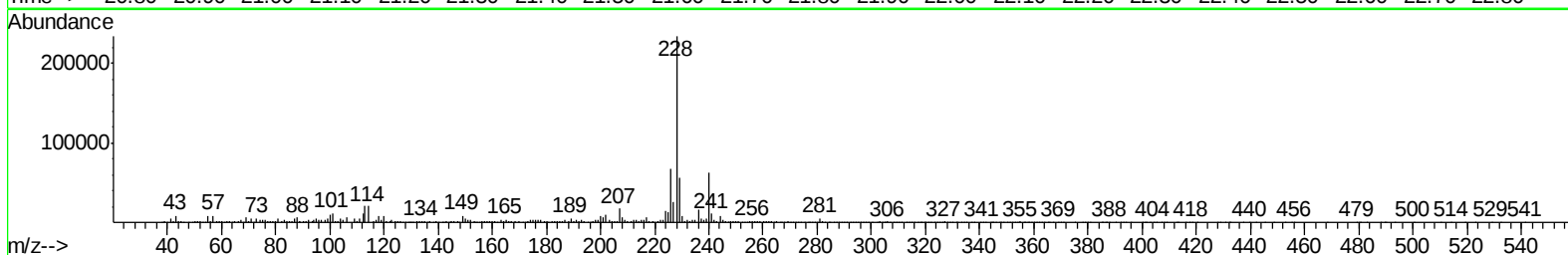
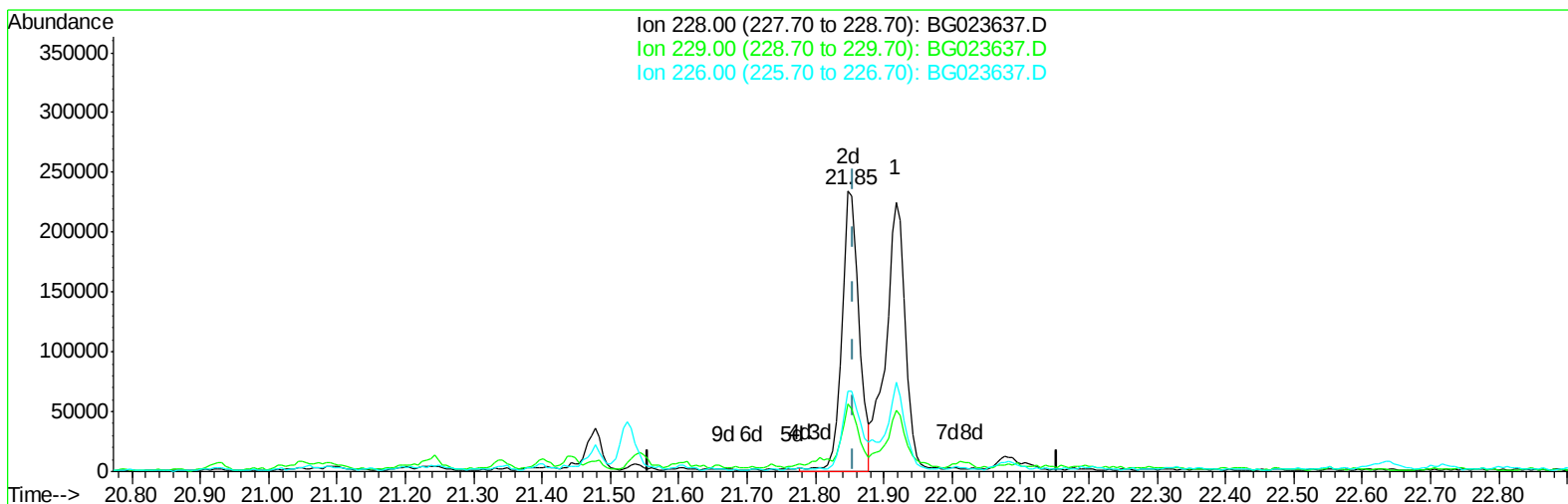
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Manual Integrations
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Quant Time: Aug 12 04:37:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC: BG023637.D

(80) Benzo(a)anthracene
21.848min (-0.007) 6.75ng/ul m
response 405835

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	24.26#
226.00	28.50	28.51
0.00	0.00	0.00

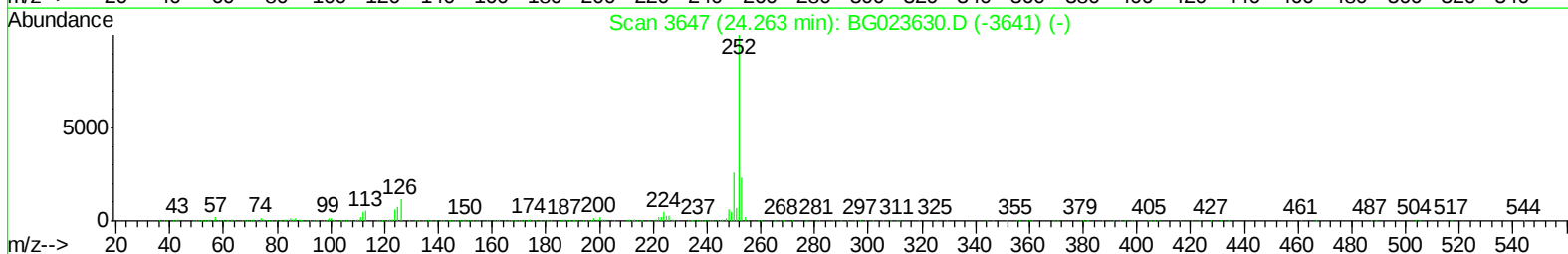
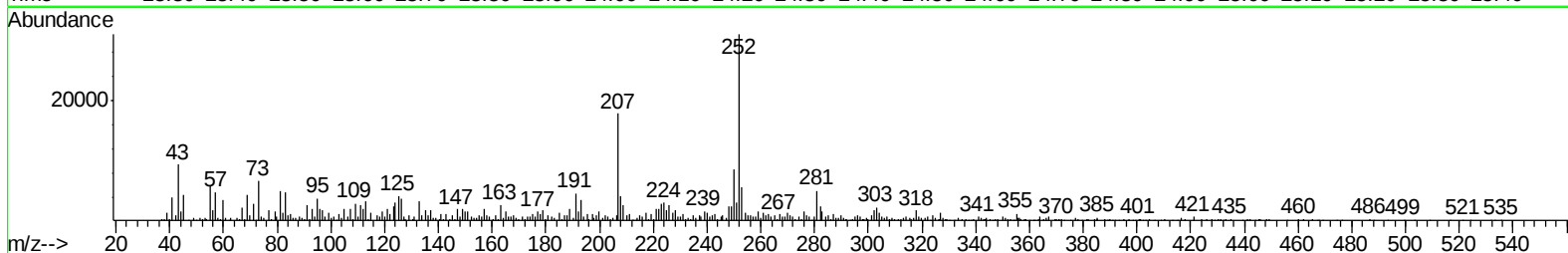
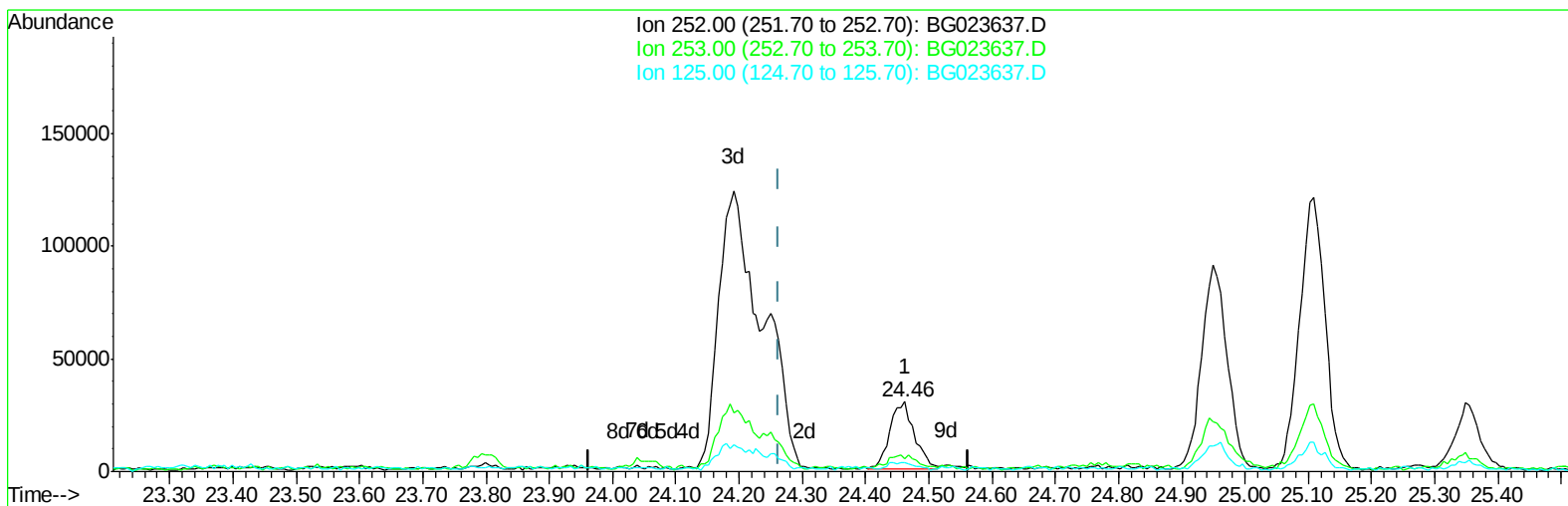
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

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TIC: BG023637.D

(86) Benzo(k)fluoranthene

24.462min (+0.198) 1.28ng/ul

response 79104

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	18.42
125.00	13.30	13.56
0.00	0.00	0.00

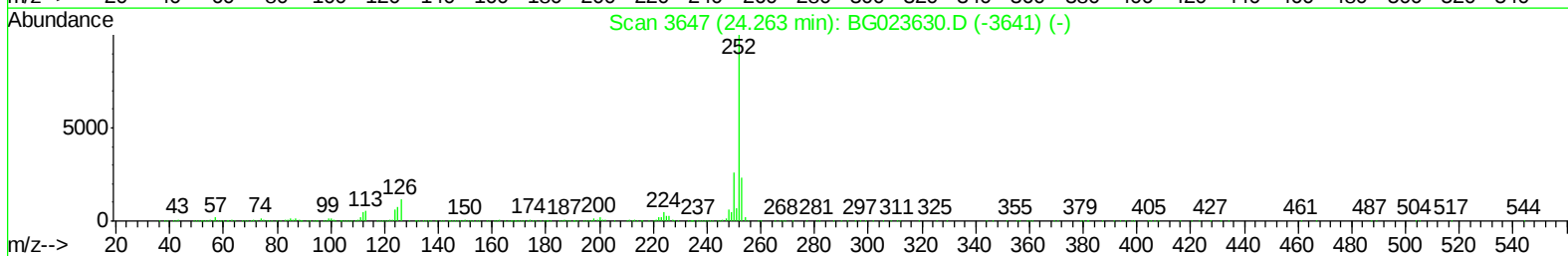
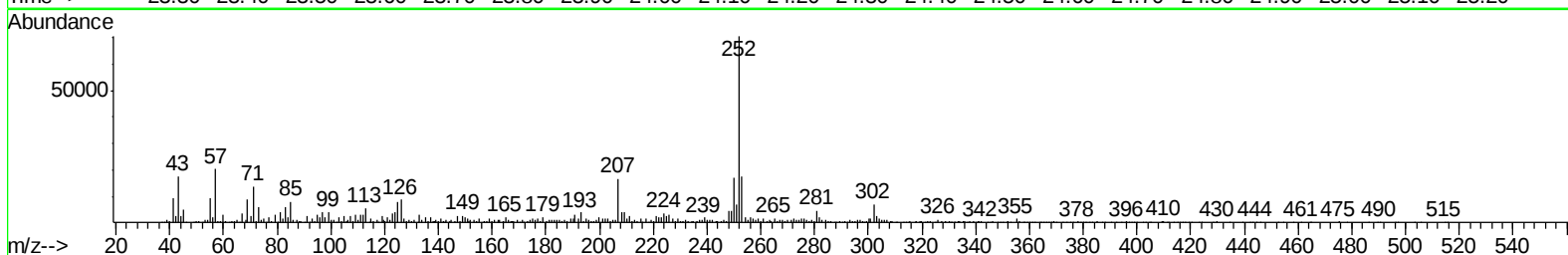
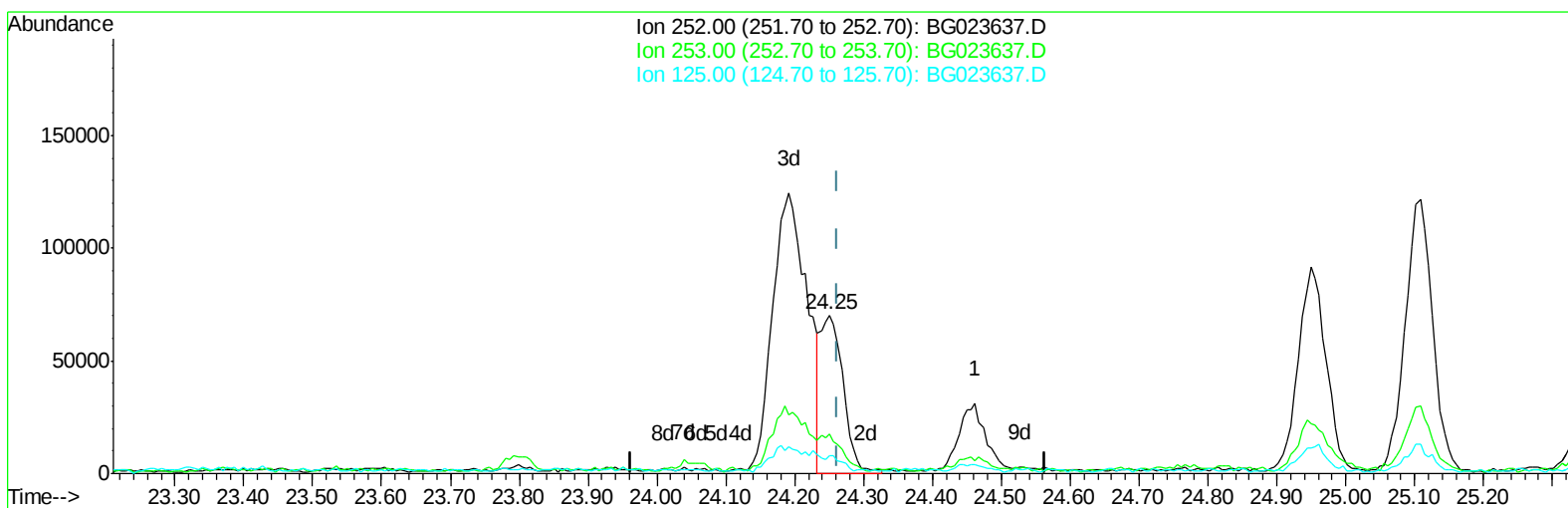
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Manual Integrations
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Quant Time: Aug 12 04:37:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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QLast Update : Fri Aug 12 04:34:52 2016
Response via : Initial Calibration



TIC: BG023637.D

(86) Benzo(k)fluoranthene

24.250min (-0.013) 2.54ng/ul m

response 157317

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.87#
125.00	13.30	11.15
0.00	0.00	0.00

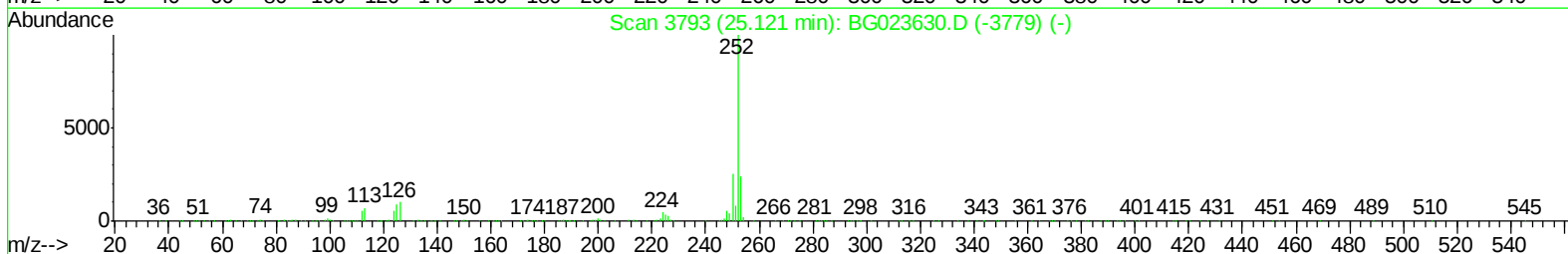
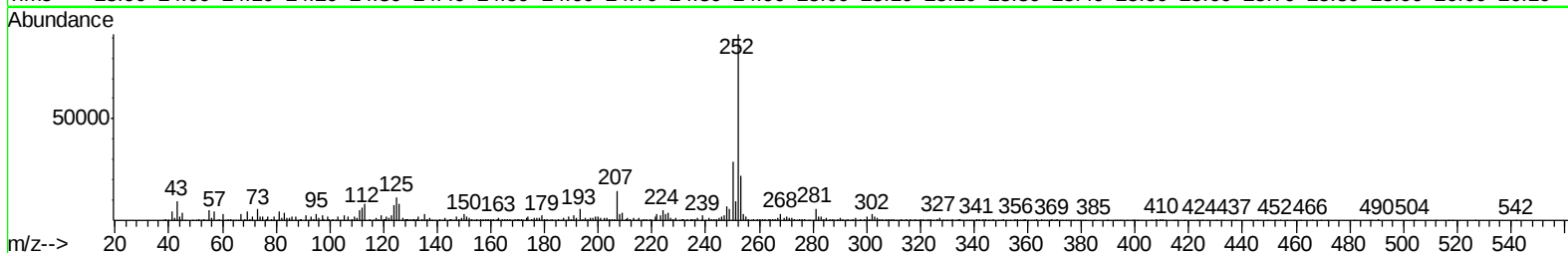
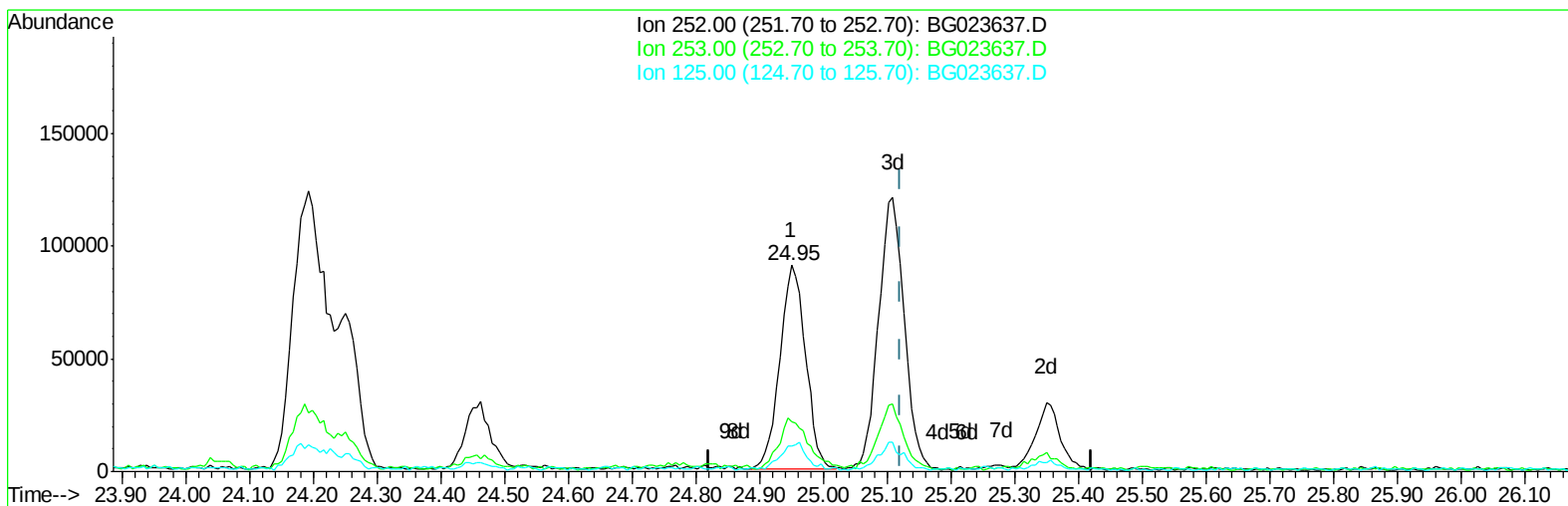
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023637.D
Acq On : 12 Aug 2016 00:43
Operator : UM/SJ
Sample : H4360-20 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0206-01

Quant Time: Aug 12 04:37:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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Manual Integrations
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TIC: BG023637.D

(88) Benzo(a)pyrene (C)

24.949min (-0.172) 4.11ng/ul

response 249776

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.30
125.00	15.00	12.58
0.00	0.00	0.00

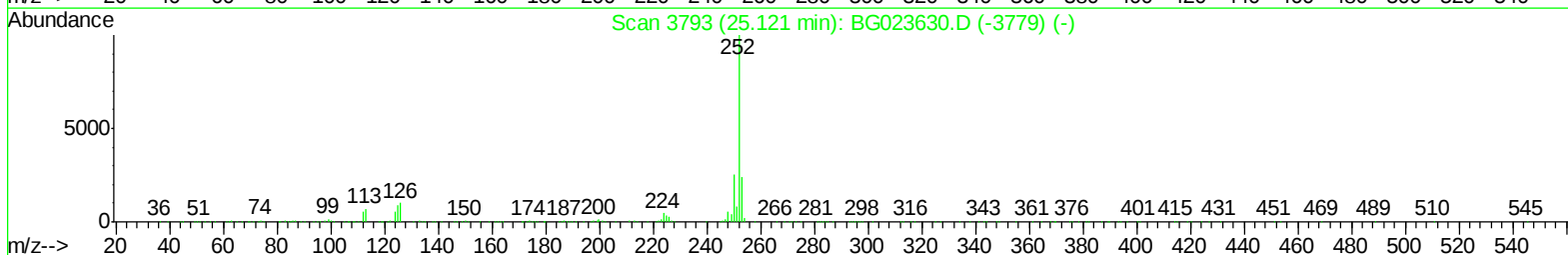
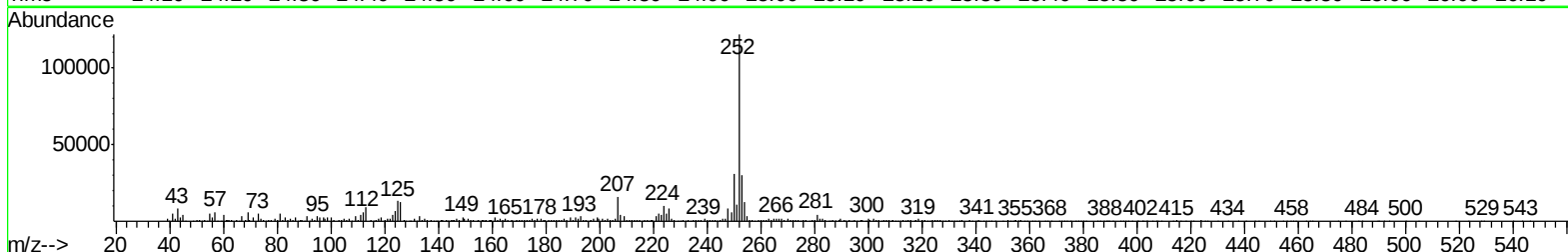
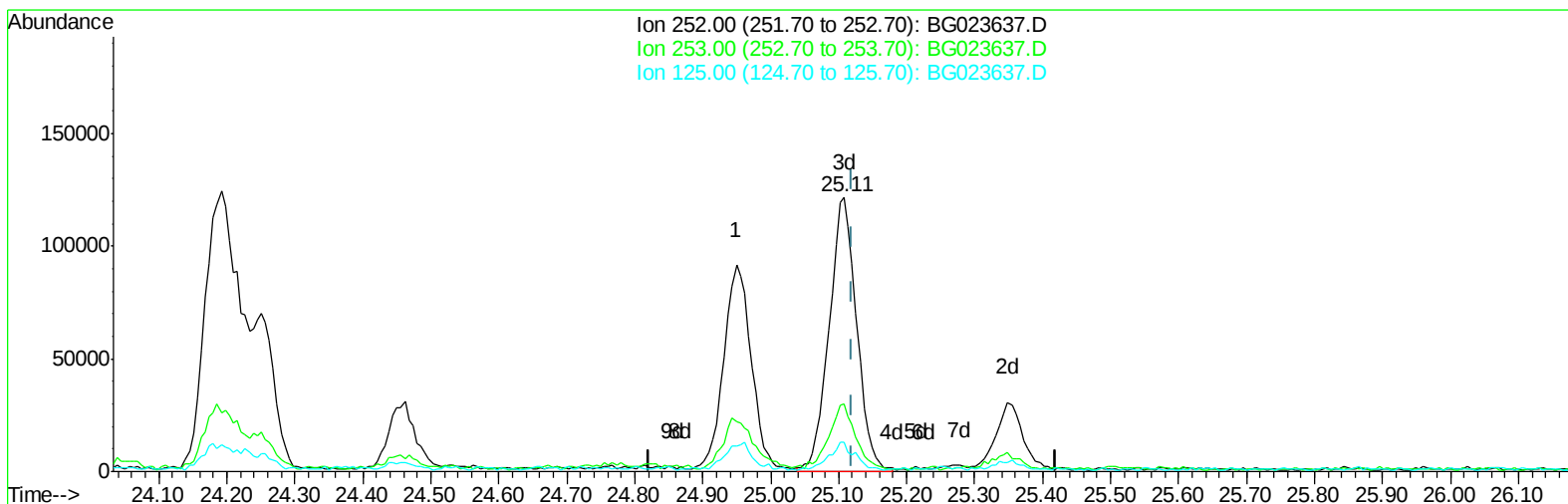
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023637.D
 Acq On : 12 Aug 2016 00:43
 Operator : UM/SJ
 Sample : H4360-20 4X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0206-01

Manual Integrations
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Quant Time: Aug 12 04:37:08 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration



TIC: BG023637.D

(88) Benzo(a)pyrene (C)

25.108min (-0.013) 5.66ng/ul m

response 343329

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.45
125.00	15.00	10.79#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023637.D
 Acq On : 12 Aug 2016 00:43
 Operator : UM/SJ
 Sample : H4360-20 4X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0206-01

Manual Integrations
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Quant Time: Aug 12 05:42:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	155660	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.94	136	720504	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	484135	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1080212	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1067009	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1105373	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	949	0.26	ng/uL	0.00
5) Phenol-d5	7.27	99	36284	2.31	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35120	3.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	34221	3.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.84	113	21352	1.74	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	17587	3.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	22305	3.42	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	36749	2.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	23384	1.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	136165	3.44	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	163508	3.67	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.03	143	12756m	1.89	ng/ul	0.03
57) Fluorene-d10	15.78	176	131282	3.58	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	10684	1.54	ng/ul	0.00
70) Anthracene-d10	17.65	188	190871	3.92	ng/ul	-0.01
76) Pyrene-d10	19.94	212	200682	3.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	183653	3.67	ng/ul	-0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	62403	1.59	ng/ul	97
69) Phenanthrene	17.59	178	359119	6.42	ng/ul	98
74) Fluoranthene	19.60	202	609889	10.65	ng/ul#	90
77) Pyrene	19.97	202	785856	11.91	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	405835m	6.75	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.74	149	4148613	123.32	ng/ul#	52
82) Chrysene	21.92	228	450153	8.24	ng/ul#	93
84) Di-n-octyl phthalate	23.00	149	142753	2.56	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	428742	6.82	ng/ul#	94
86) Benzo(k)fluoranthene	24.25	252	157317m	2.54	ng/ul	
88) Benzo(a)pyrene	25.11	252	343329m	5.66	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.15	276	230538	3.23	ng/ul	96
91) Benzo(g,h,i)perylene	30.38	276	219001	3.70	ng/ul#	84

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

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Misc :
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Instrument :
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Manual Integrations
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Quant Time: Aug 12 05:42:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 04:34:52 2016
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