

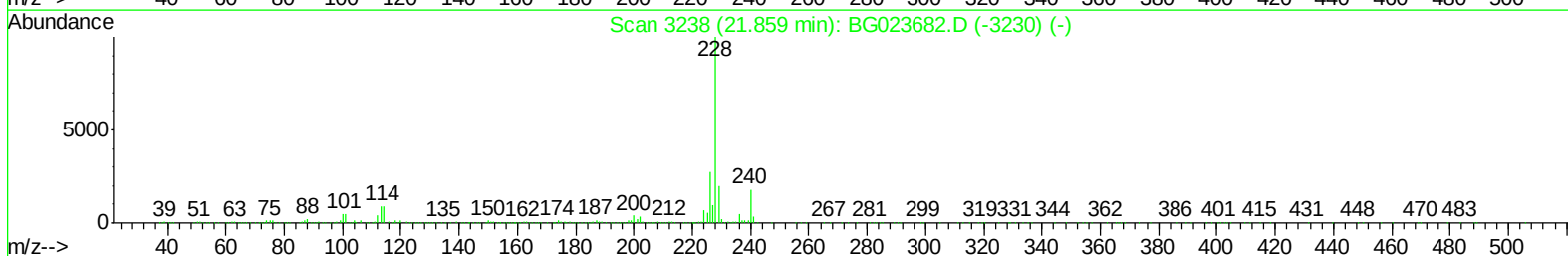
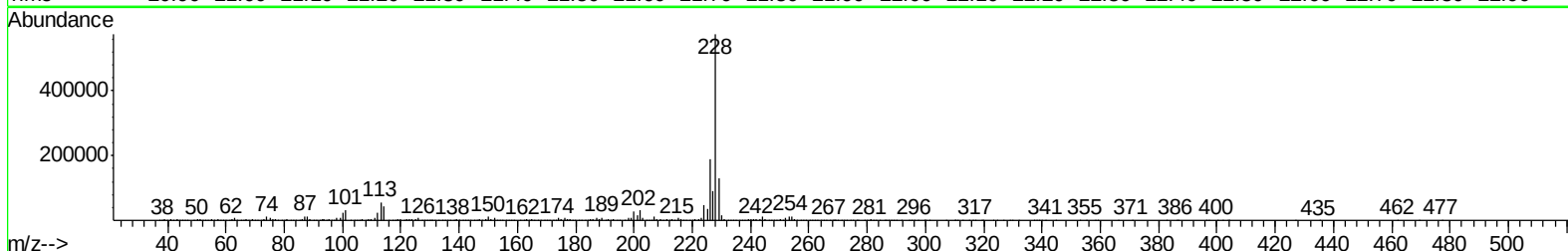
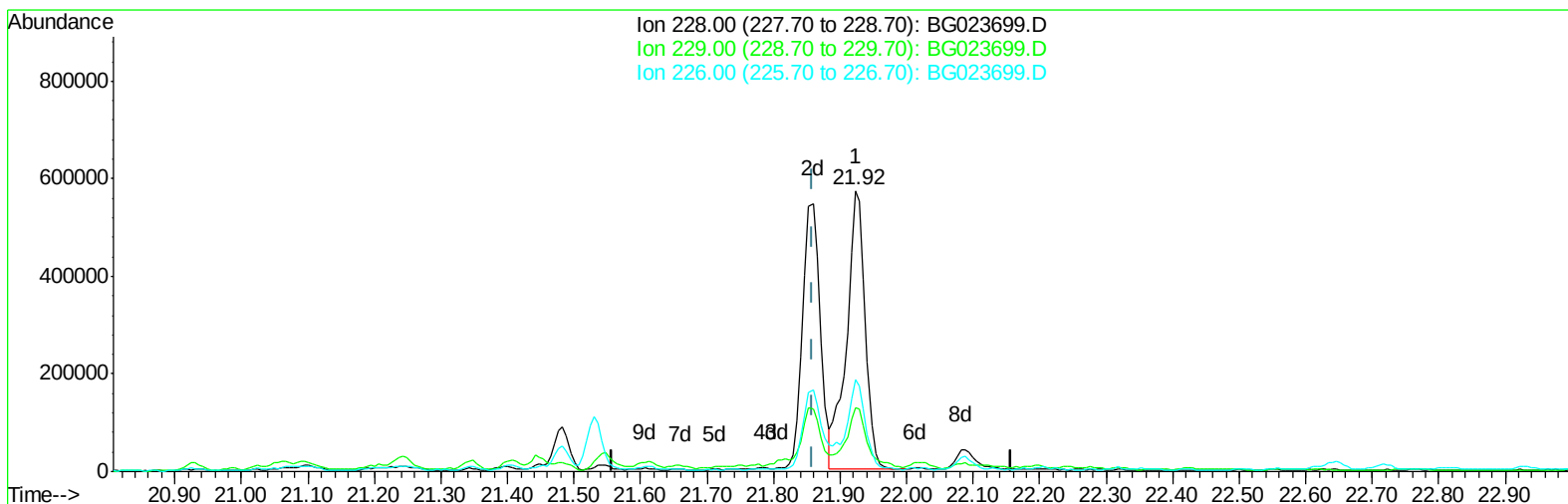
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-0612-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:32 PM

Quant Time: Aug 15 11:06:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023699.D

(80) Benzo(a)anthracene
21.924min (+0.066) 26.53ng/ul
response 1112446

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.83
226.00	28.50	32.83
0.00	0.00	0.00

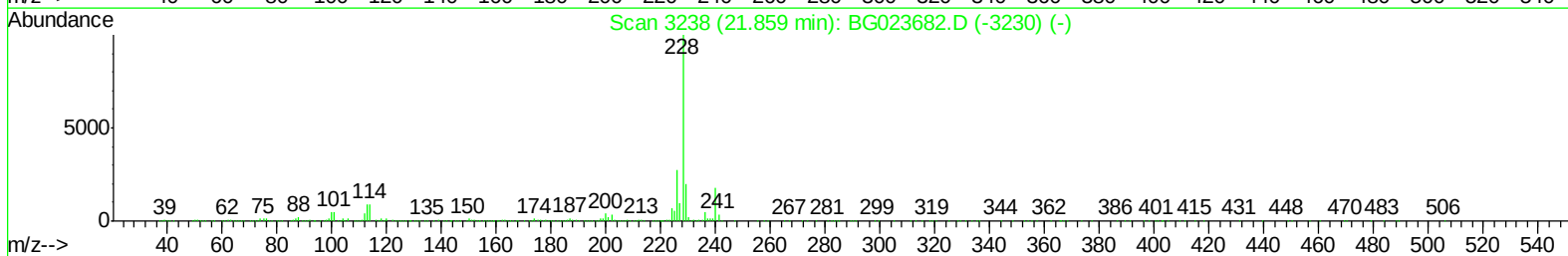
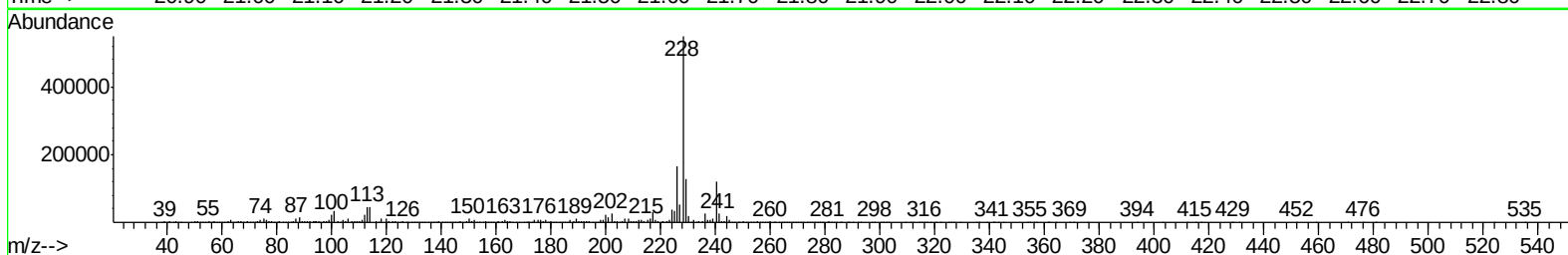
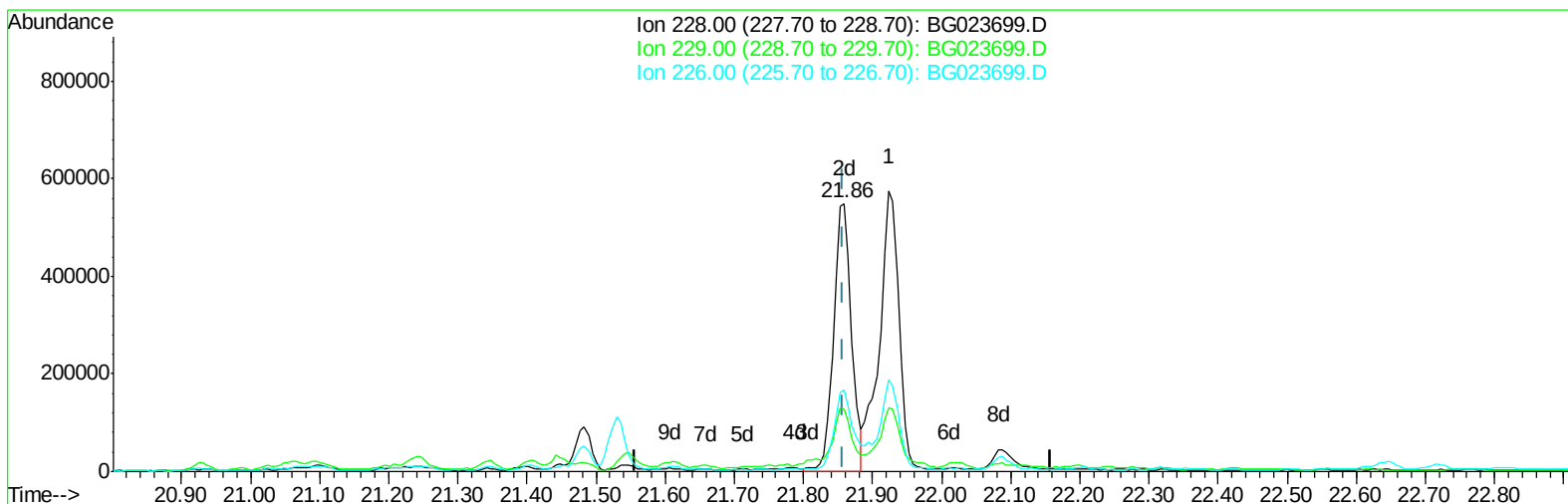
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Aug 15 11:06:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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TIC: BG023699.D

(80) Benzo(a)anthracene

21.859min (+0.001) 23.83ng/ul m

response 999223

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	23.26#
226.00	28.50	30.38
0.00	0.00	0.00

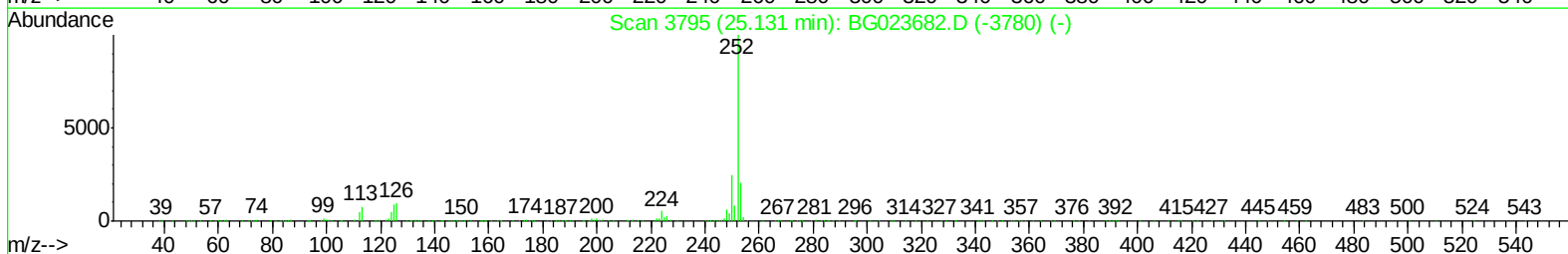
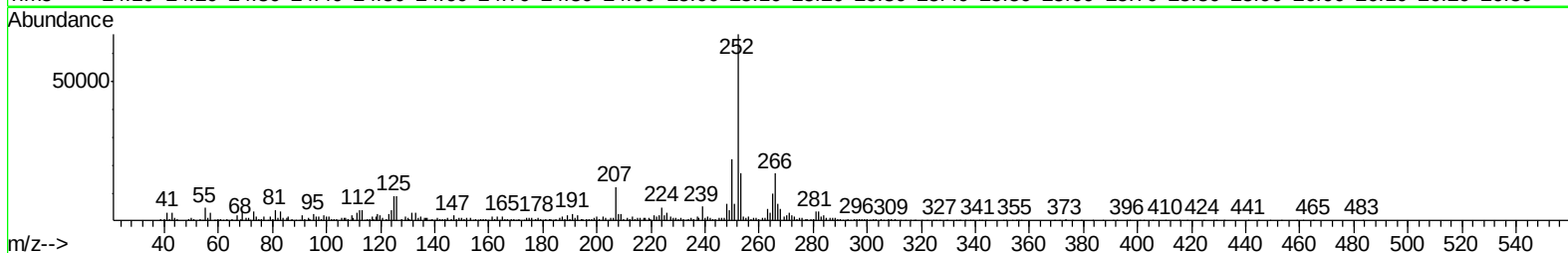
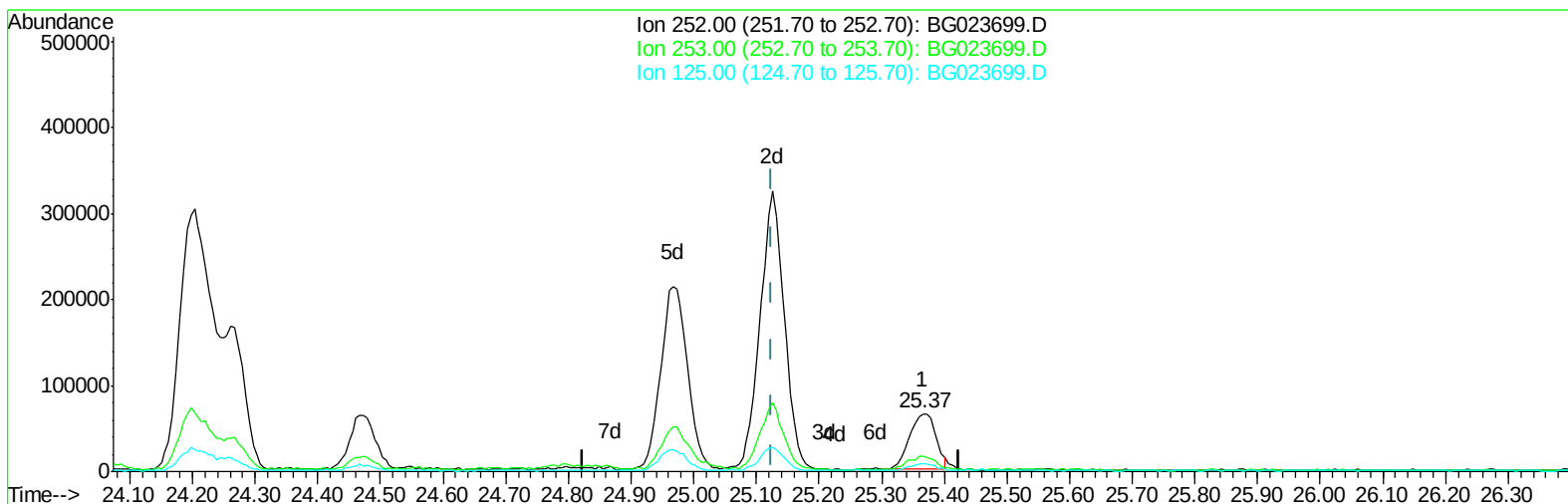
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
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Instrument :
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Manual Integrations
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Quant Time: Aug 15 11:06:40 2016
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TIC: BG023699.D

(88) Benzo(a)pyrene (C)

25.366min (+0.242) 4.56ng/ul

response 185394

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	25.59
125.00	15.00	13.48
0.00	0.00	0.00

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Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
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Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

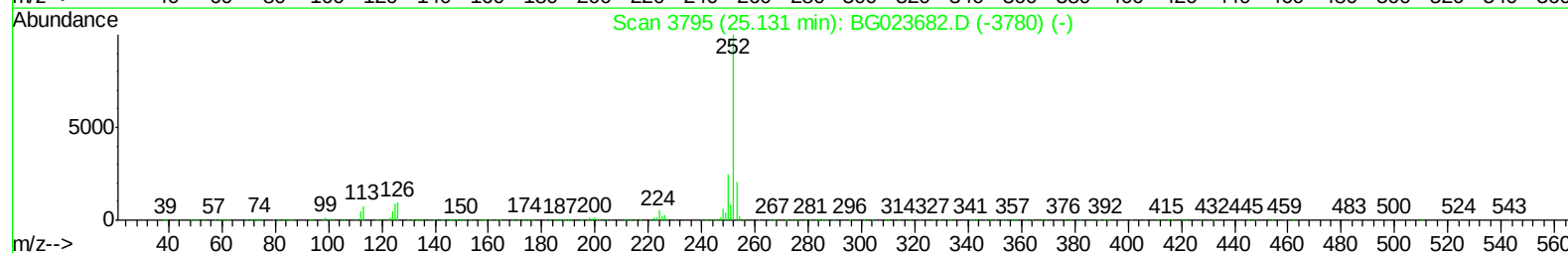
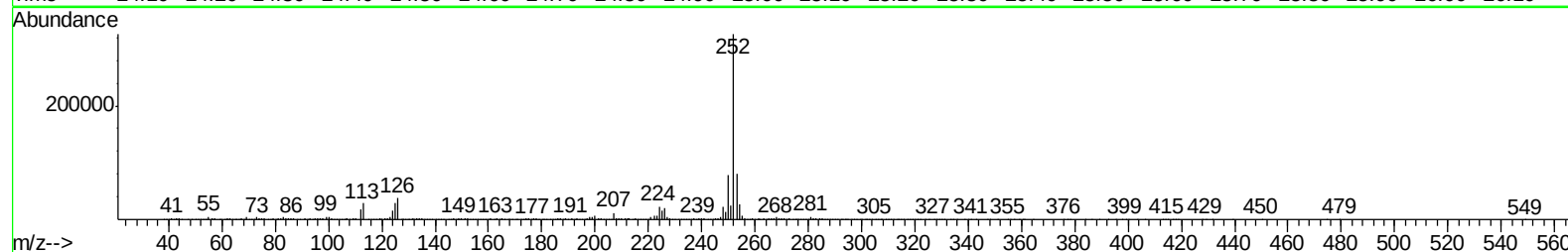
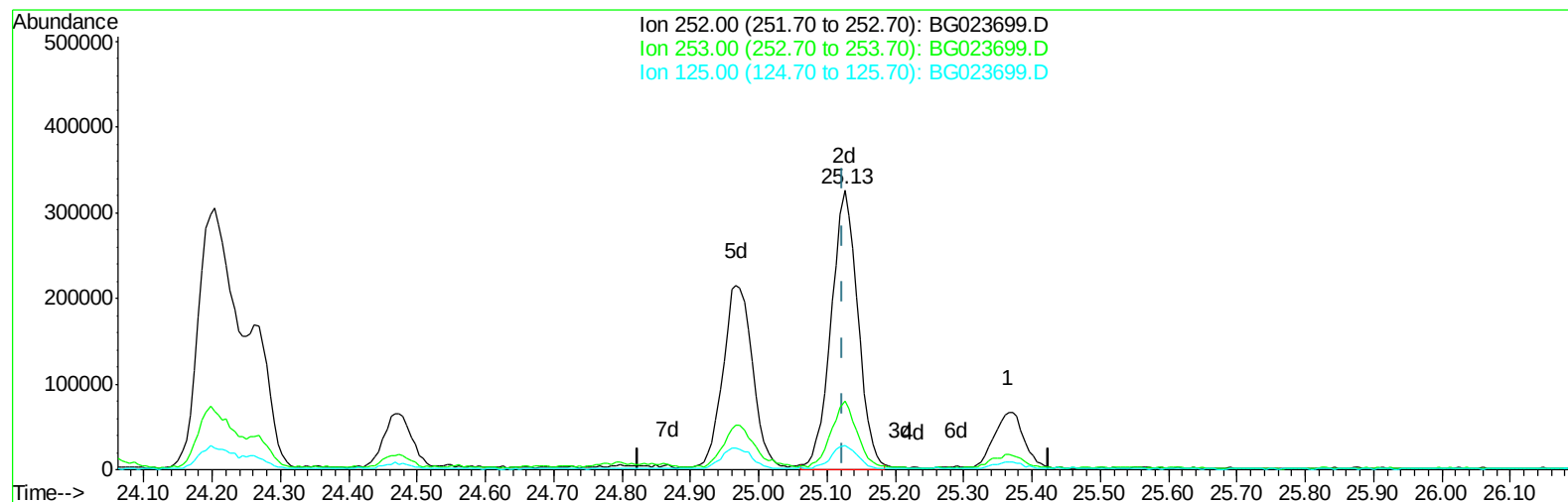
Instrument :
BNA_G
ClientSampleId :
PR002-SS001-0612-01

Manual Integrations
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Quant Time: Aug 15 11:06:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BG023699.D
Ion 253.00 (252.70 to 253.70): BG023699.D
Ion 125.00 (124.70 to 125.70): BG023699.D



TIC: BG023699.D

(88) Benzo(a)pyrene (C)

25.125min (+0.001) 21.86ng/ul m

response 889577

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.54
125.00	15.00	8.68#
0.00	0.00	0.00

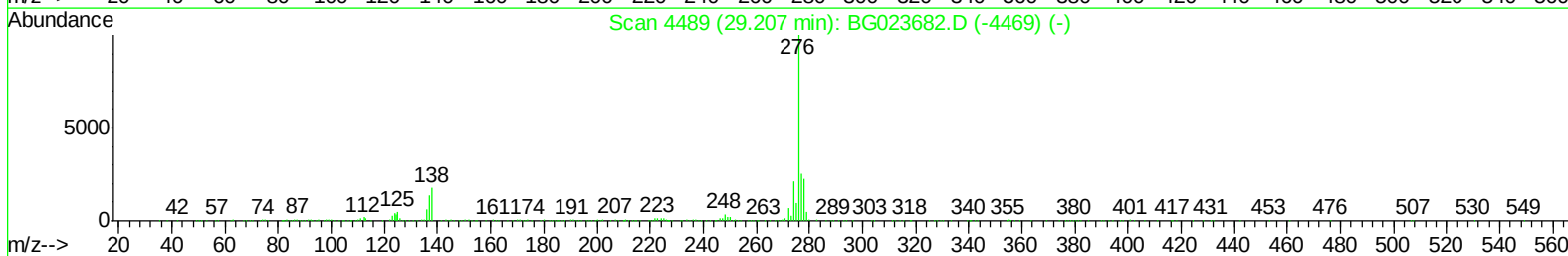
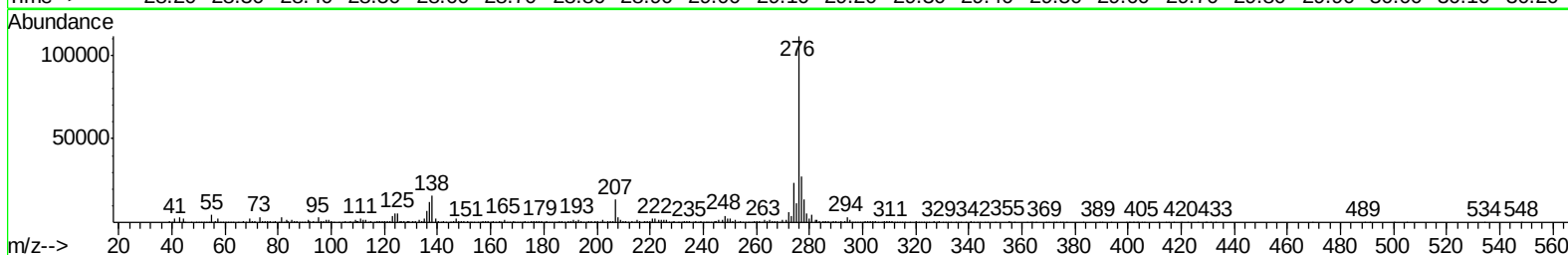
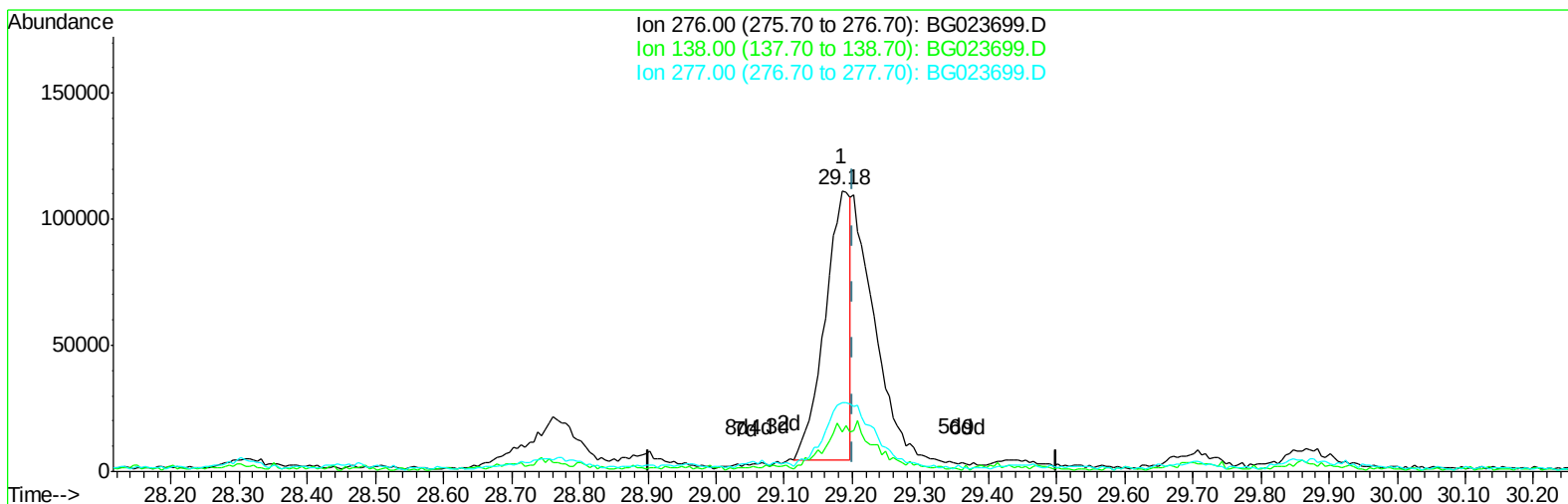
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-0612-01

Manual Integrations
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Quant Time: Aug 15 11:06:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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TIC: BG023699.D

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

29.184min (-0.017) 5.70ng/ul

response 272351

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	14.26#
277.00	22.00	24.45
0.00	0.00	0.00

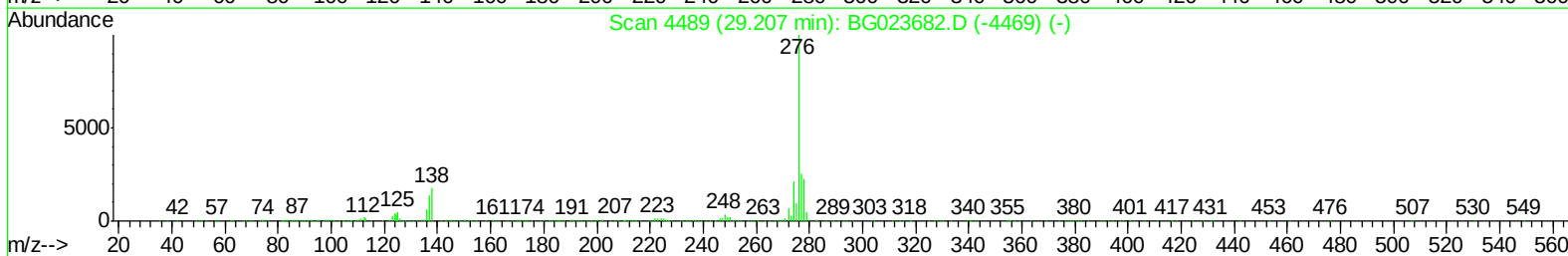
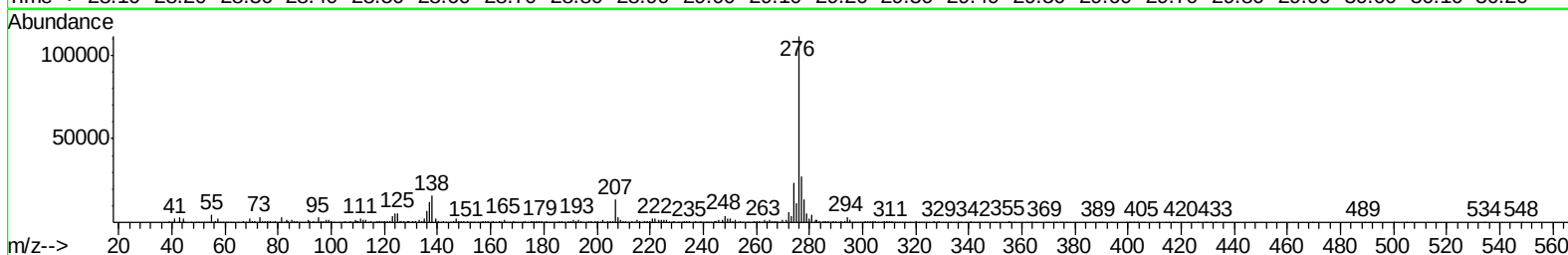
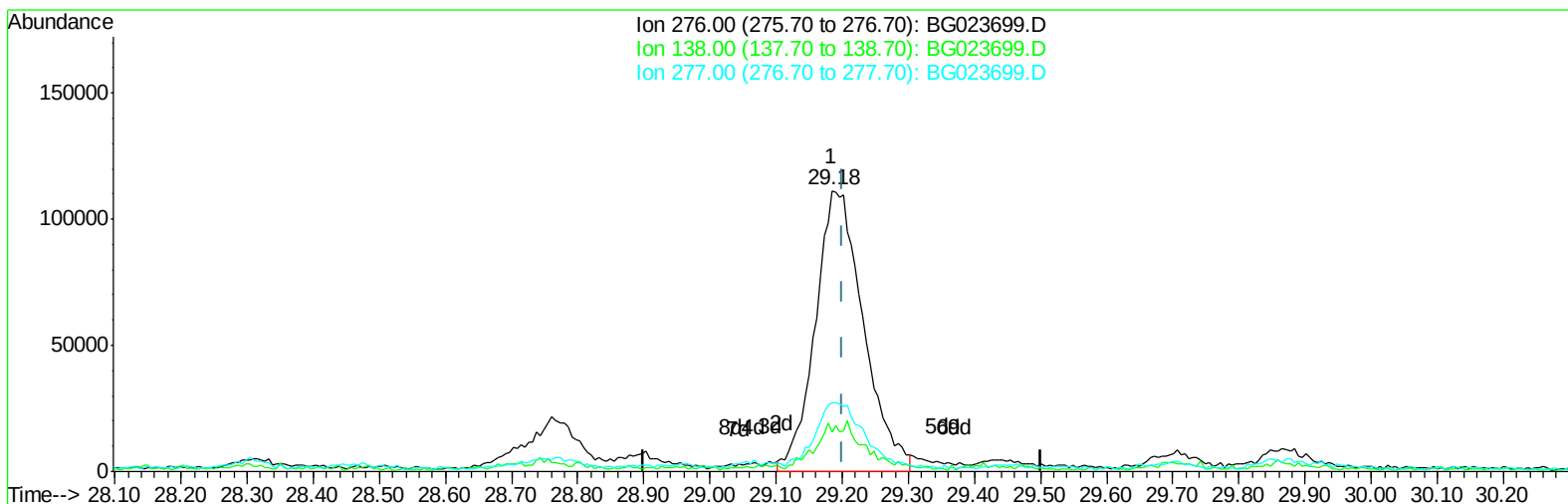
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-0612-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:32 PM

Quant Time: Aug 15 11:06:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023699.D

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

29.184min (-0.017) 11.89ng/ul m

response 568665

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	14.26#
277.00	22.00	24.45
0.00	0.00	0.00

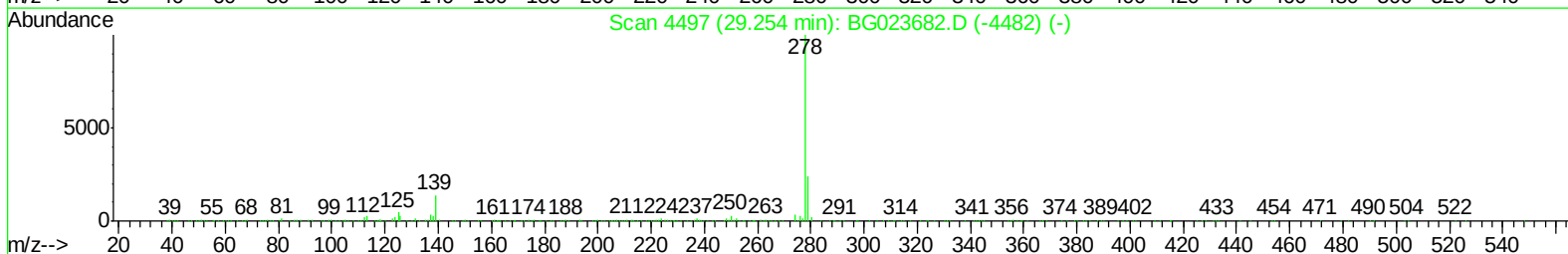
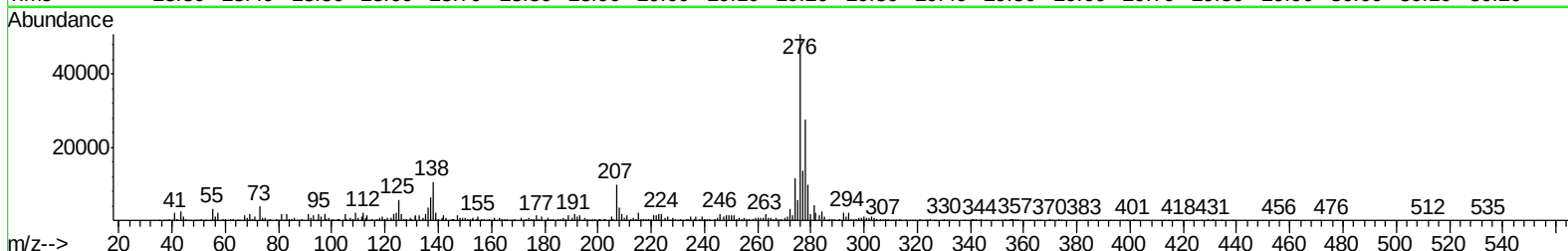
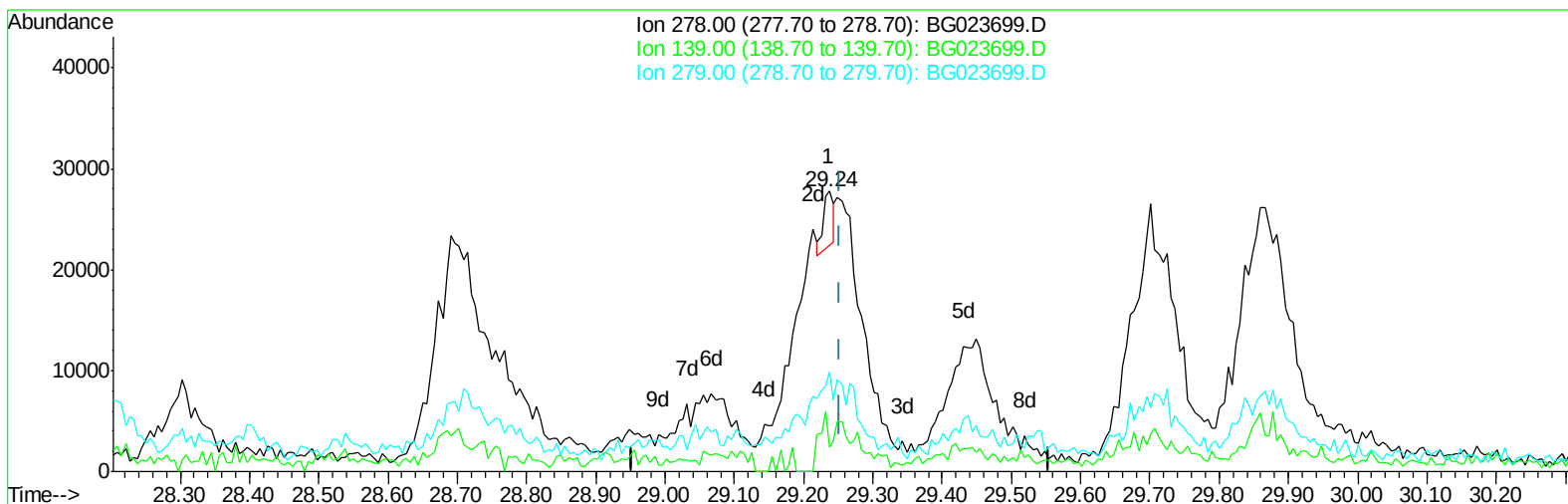
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-0612-01

Manual Integrations
APPROVED

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8/16/2016 6:59:32 PM

Quant Time: Aug 15 18:24:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023699.D

(90) Dibenzo(a,h)anthracene

29.237min (-0.017) 0.14ng/ul

response 5865

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	8.53#
279.00	23.90	35.54#
0.00	0.00	0.00

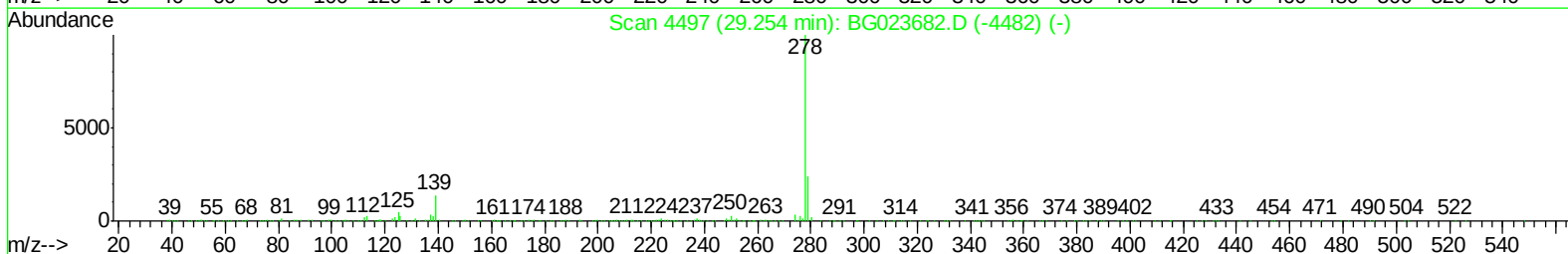
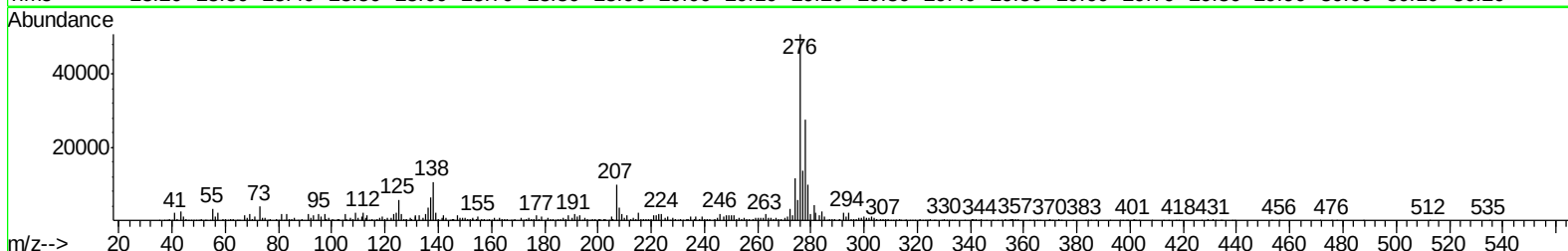
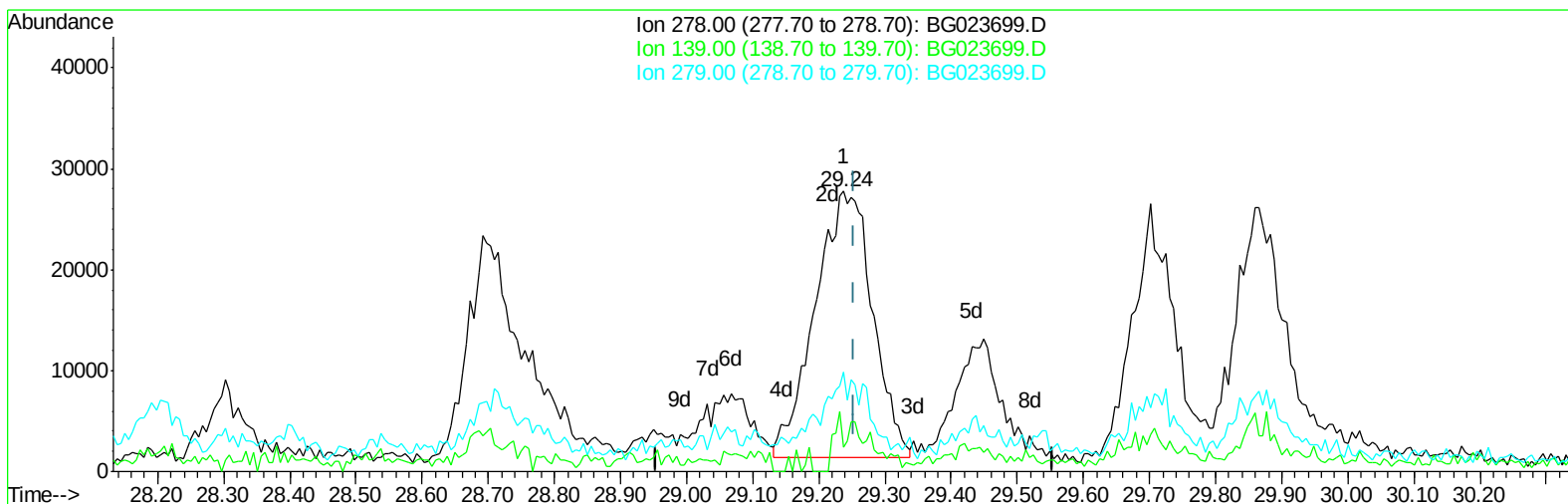
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-0612-01

Manual Integrations
APPROVED

umangi
8/16/2016 6:59:32 PM

Quant Time: Aug 15 18:24:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



TIC: BG023699.D

(90) Dibenzo(a,h)anthracene

29.237min (-0.017) 3.90ng/ul m

response 159087

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	8.53#
279.00	23.90	35.54#
0.00	0.00	0.00

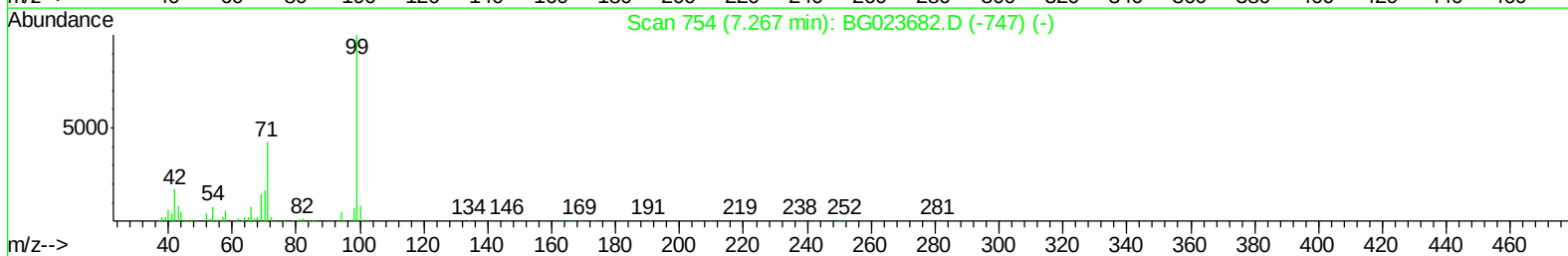
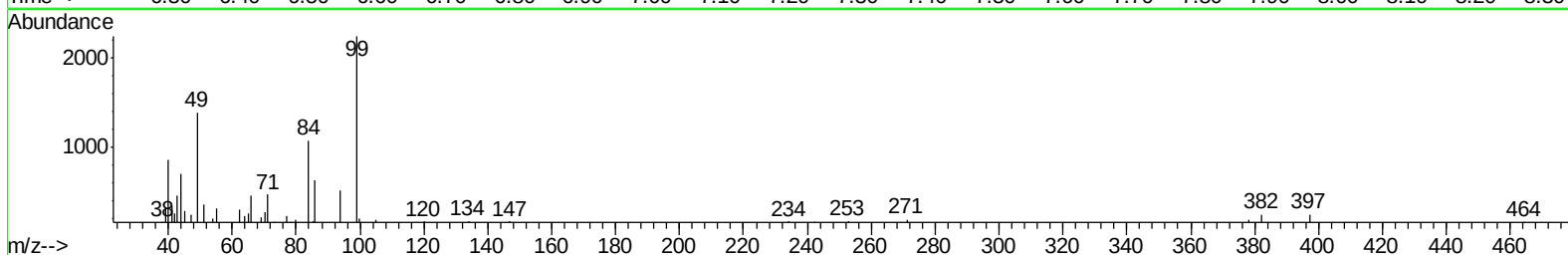
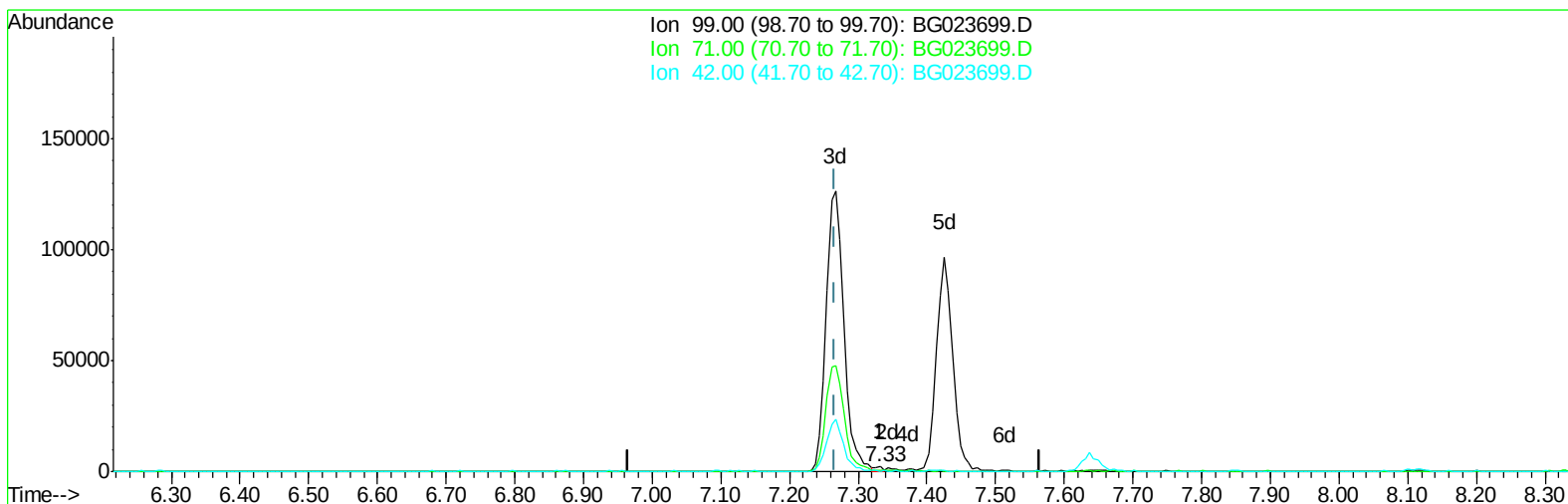
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023699.D
Acq On : 13 Aug 2016 22:15
Operator : UM/SJ
Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-0612-01

Manual Integrations
APPROVED

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8/16/2016 6:59:32 PM

Quant Time: Aug 15 18:26:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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Response via : Initial Calibration



TIC: BG023699.D

(5) Phenol-d5 (S)

7.332min (+0.066) 0.15ng/ul

response 1676

Ion	Exp%	Act%
99.00	100	100
71.00	25.40	20.57
42.00	11.10	11.42
0.00	0.00	0.00

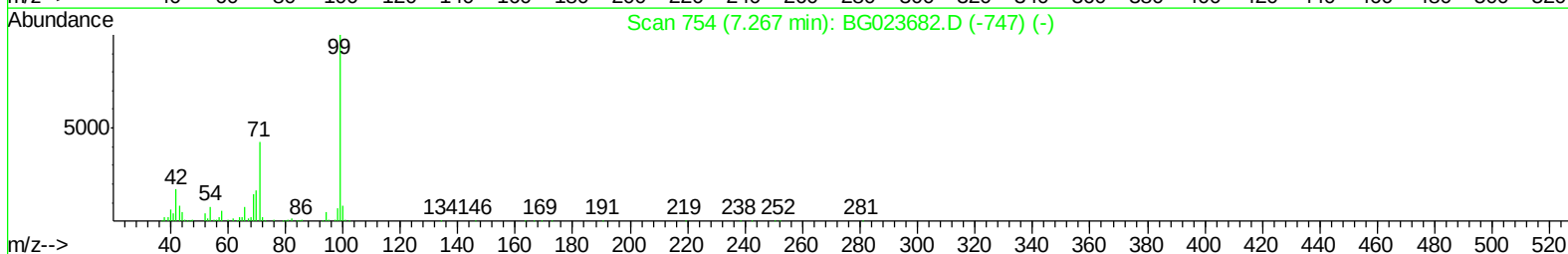
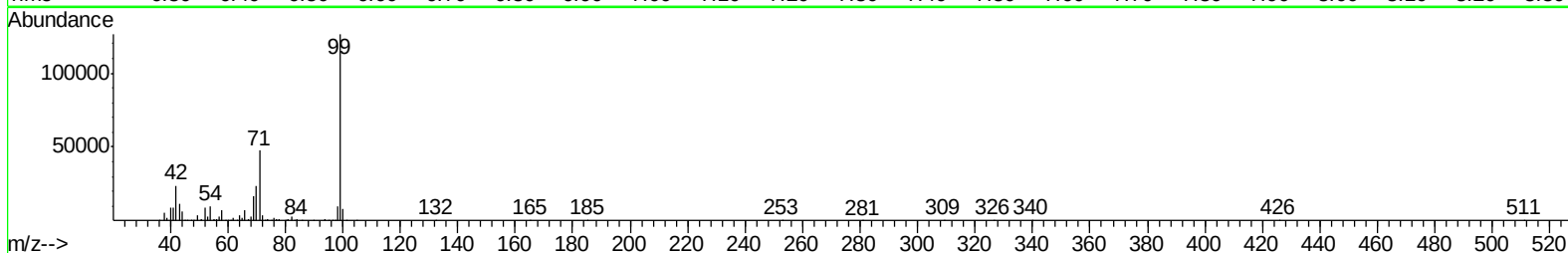
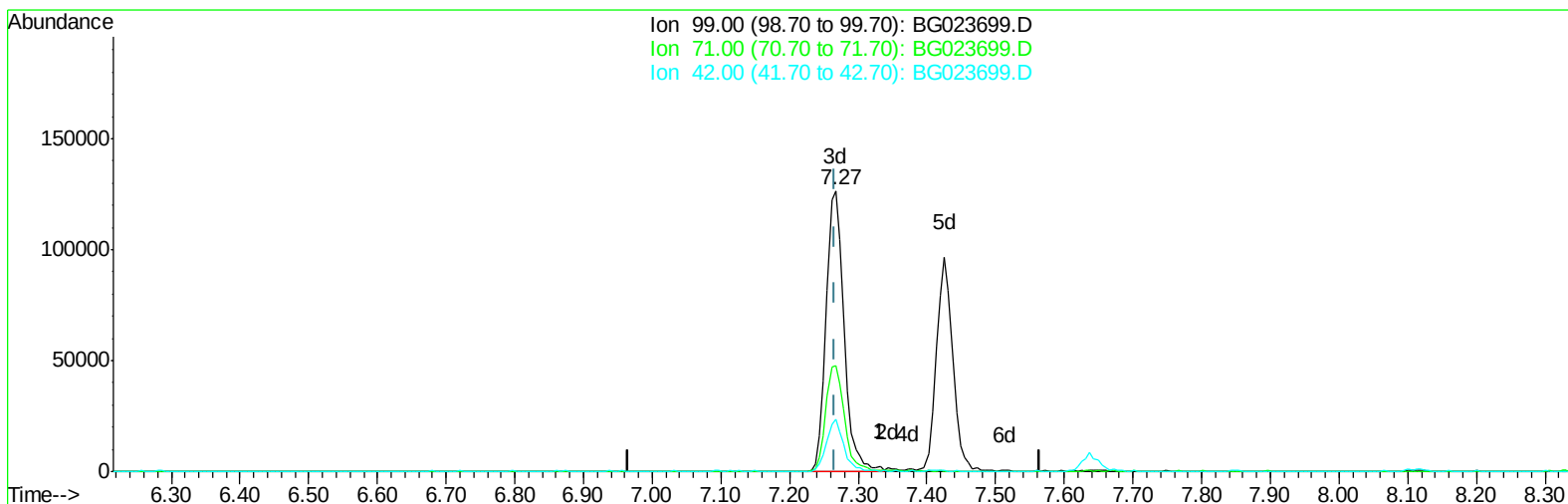
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
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Sample : H4388-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG023699.D

(5) Phenol-d5 (S)

7.267min (+0.001) 20.80ng/ul m

response 229485

Ion	Exp%	Act%
99.00	100	100
71.00	25.40	37.73#
42.00	11.10	18.75#
0.00	0.00	0.00

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 Data File : BG023699.D
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 PR002-SS001-0612-01

Manual Integrations
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Quant Time: Aug 15 18:28:13 2016
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 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	109529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	520288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	339536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	736596	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	744505	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	740969	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8490	3.30	ng/uL	0.00
5) Phenol-d5	7.27	99	229485m	20.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	150926	21.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	164371	21.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	166560	19.34	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	92735	22.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	109824	23.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	189807	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	124333	11.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	647634	23.30	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	773862	24.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	79111	16.67	ng/ul	0.00
57) Fluorene-d10	15.78	176	584606	22.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	83370	17.64	ng/ul	0.00
70) Anthracene-d10	17.65	188	814516	24.54	ng/ul	0.00
76) Pyrene-d10	19.94	212	878131	23.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	821790	24.50	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.30	94	20640	1.80	ng/ul#	81
44) Dimethylphthalate	14.23	163	458257	16.65	ng/ul	98
47) Acenaphthylene	14.51	152	114371	3.50	ng/ul	98
58) Fluorene	15.84	166	50382	1.83	ng/ul#	90
69) Phenanthrene	17.59	178	956334	25.07	ng/ul	99
71) Anthracene	17.69	178	123579	3.17	ng/ul	98
72) Carbazole	17.96	167	36264	1.16	ng/ul#	95
74) Fluoranthene	19.61	202	1613995	41.33	ng/ul#	94
77) Pyrene	19.98	202	1990312	43.24	ng/ul#	94
80) Benzo(a)anthracene	21.86	228	999223m	23.83	ng/ul	
82) Chrysene	21.92	228	1112763	29.19	ng/ul#	94
85) Benzo(b)fluoranthene	24.20	252	1118086	26.53	ng/ul#	95
86) Benzo(k)fluoranthene	24.20	252	1118086	26.95	ng/ul#	91
88) Benzo(a)pyrene	25.13	252	889577m	21.86	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	568665m	11.89	ng/ul	
90) Dibenzo(a,h)anthracene	29.24	278	159087m	3.90	ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	494077	12.46	ng/ul#	87

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

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Instrument :
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Manual Integrations
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umangi
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Quant Time: Aug 15 18:28:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

