

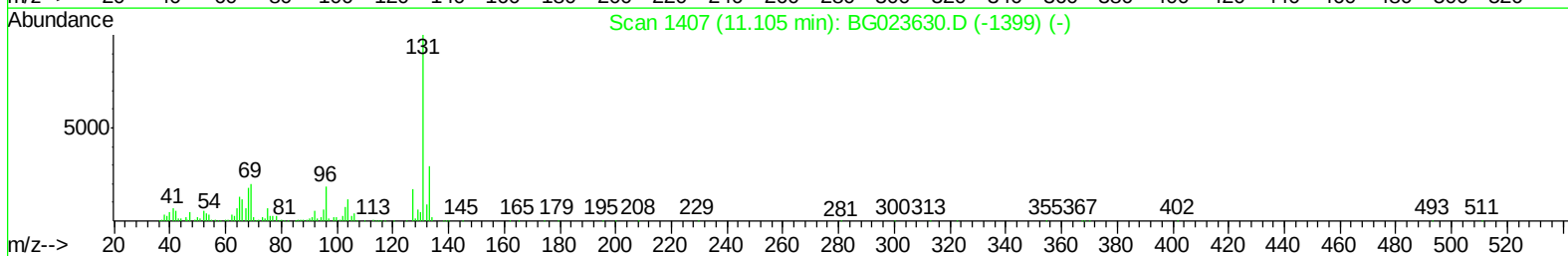
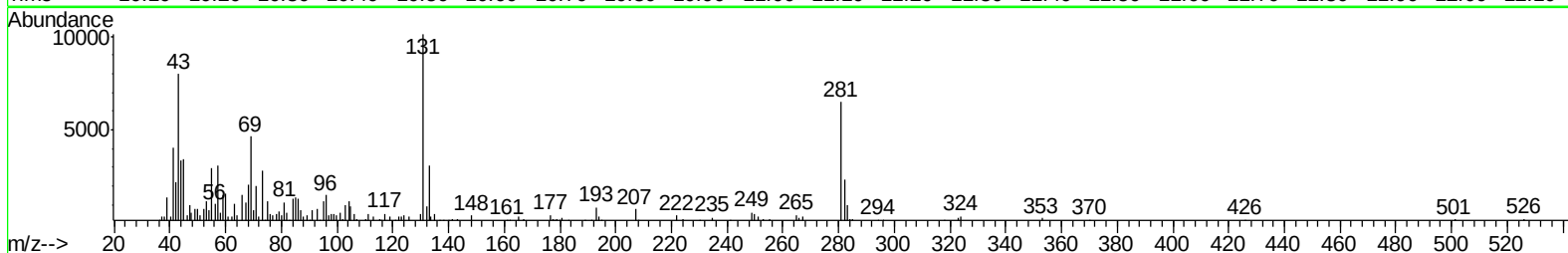
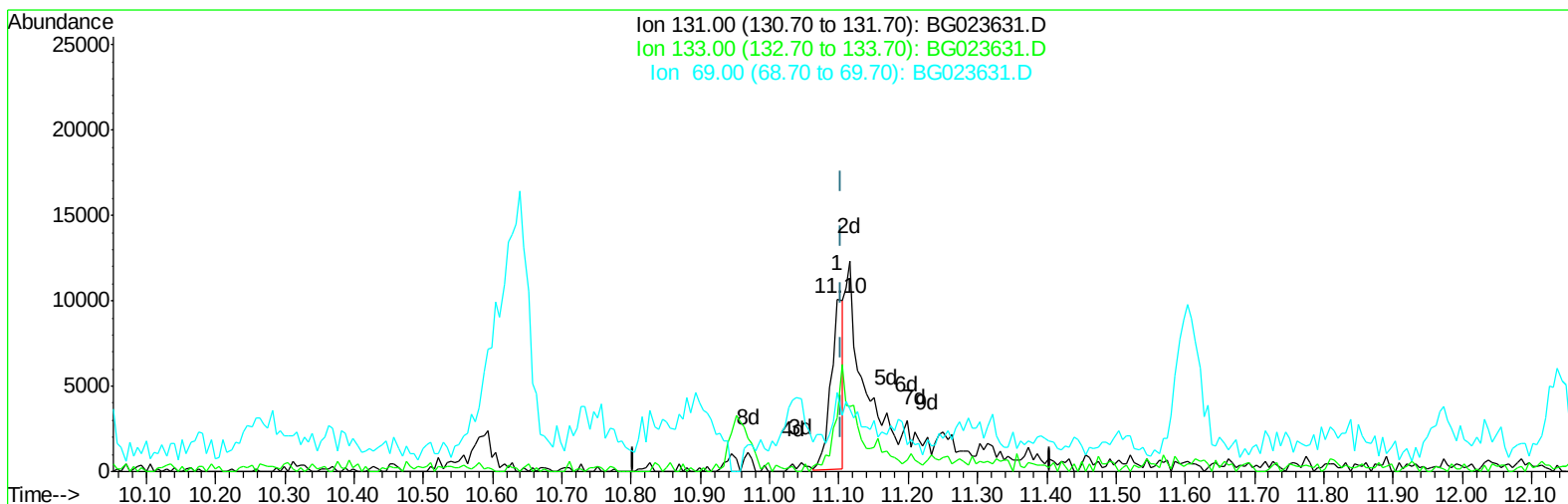
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:48:59 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



TIC: BG023631.D

(29) 4-Chloroaniline-d4 (S)
11.098min (-0.007) 0.96ng/ul

response 11922

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	30.85
69.00	15.40	45.82#
0.00	0.00	0.00

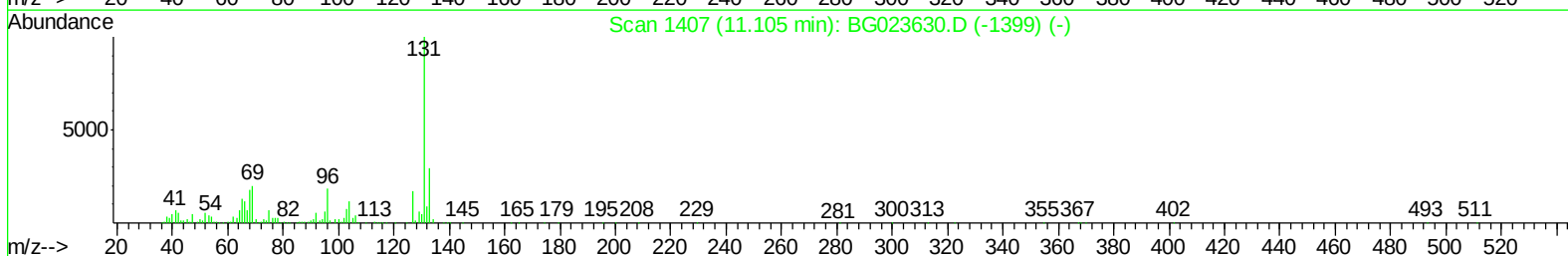
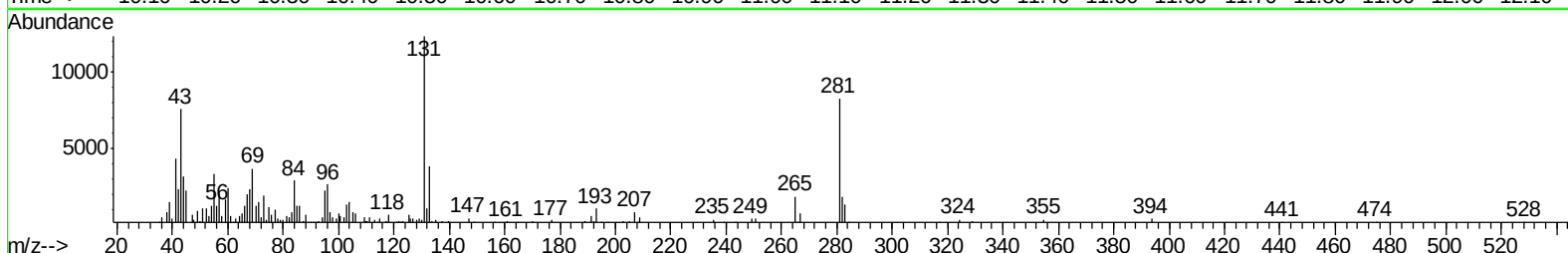
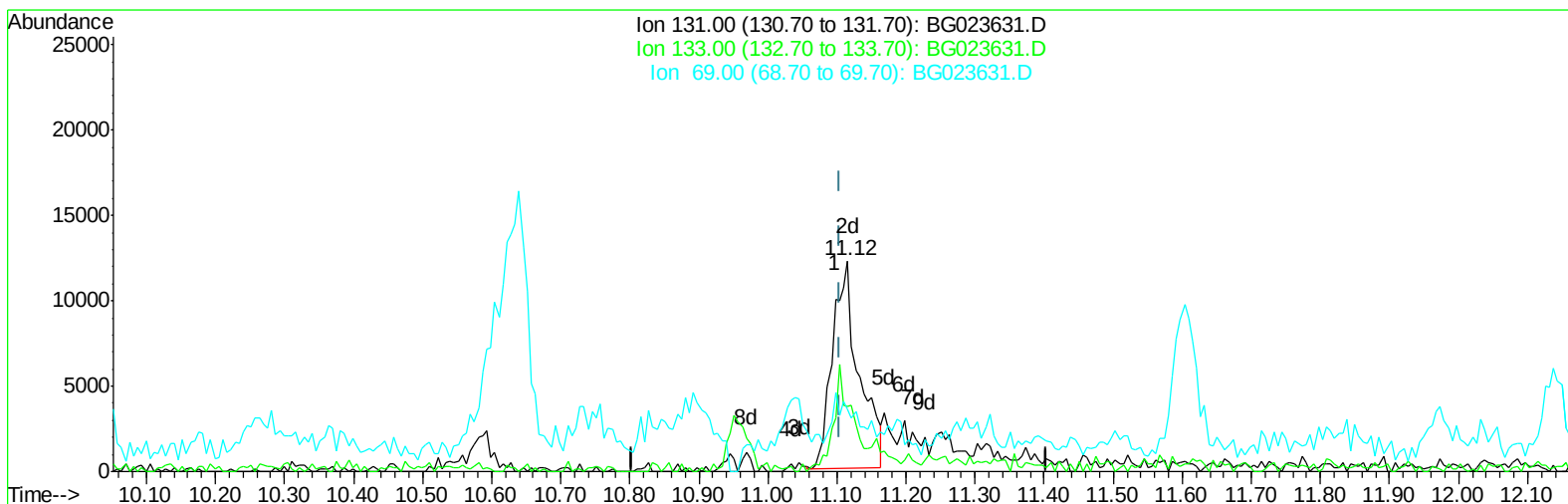
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:48:59 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



TIC: BG023631.D

(29) 4-Chloroaniline-d4 (S)

11.116min (+0.011) 2.60ng/ul m

response 32332

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	31.20
69.00	15.40	29.81#
0.00	0.00	0.00

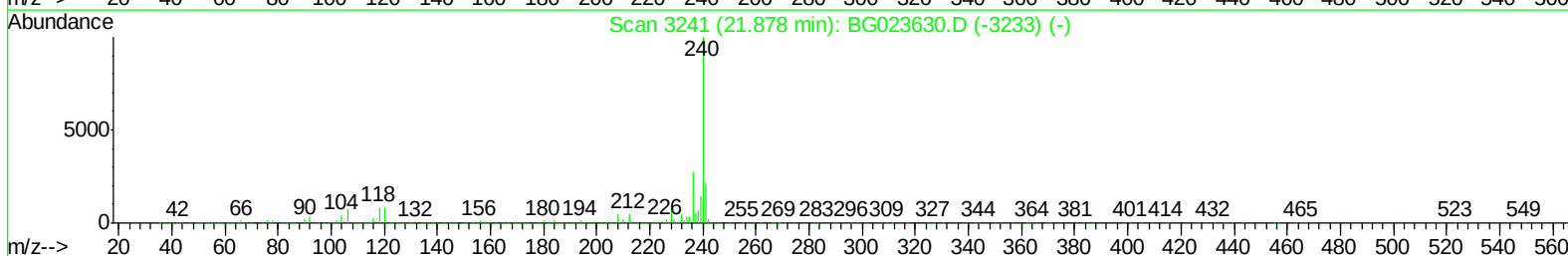
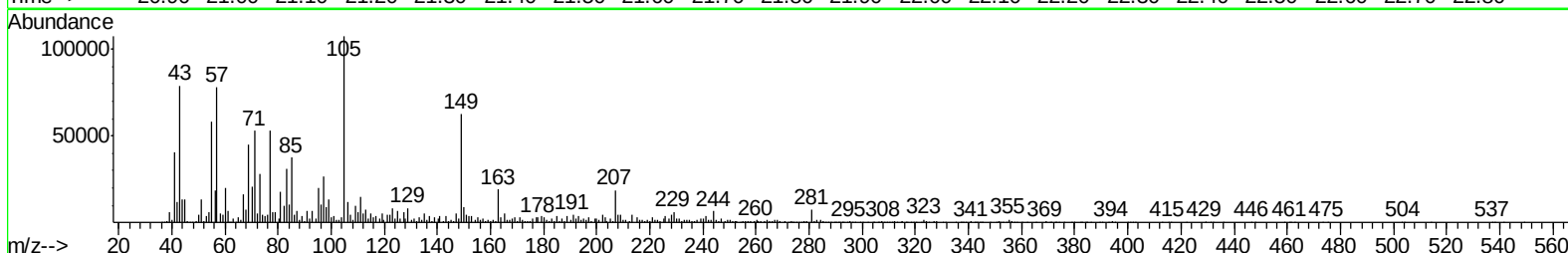
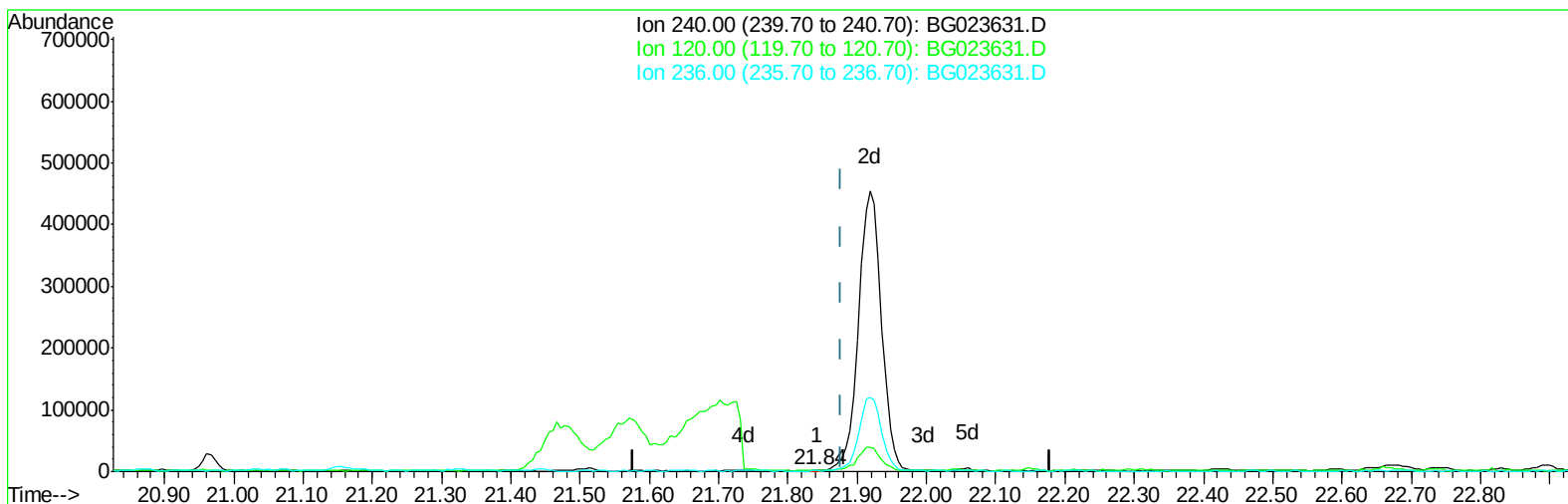
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:48:59 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



TIC: BG023631.D

(75) Chrysene-d12 (I)

21.842min (-0.036) 20.00ng/ul

response 1219

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	62.20#
236.00	26.10	50.50#
0.00	0.00	0.00

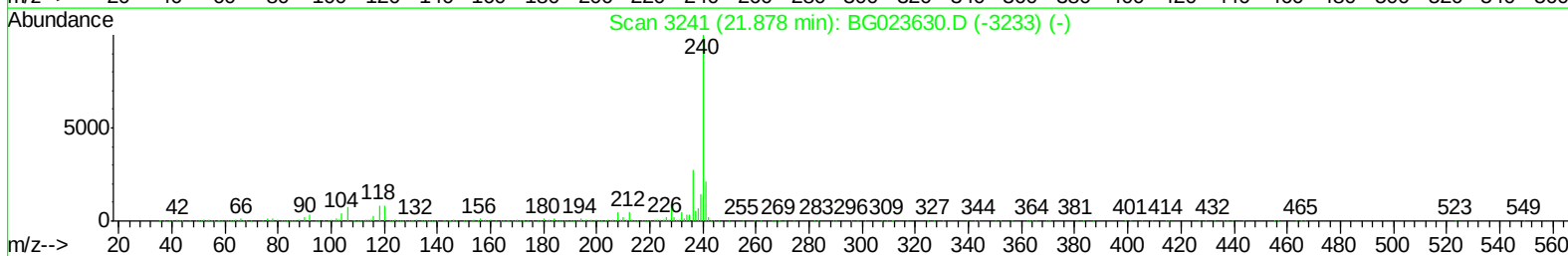
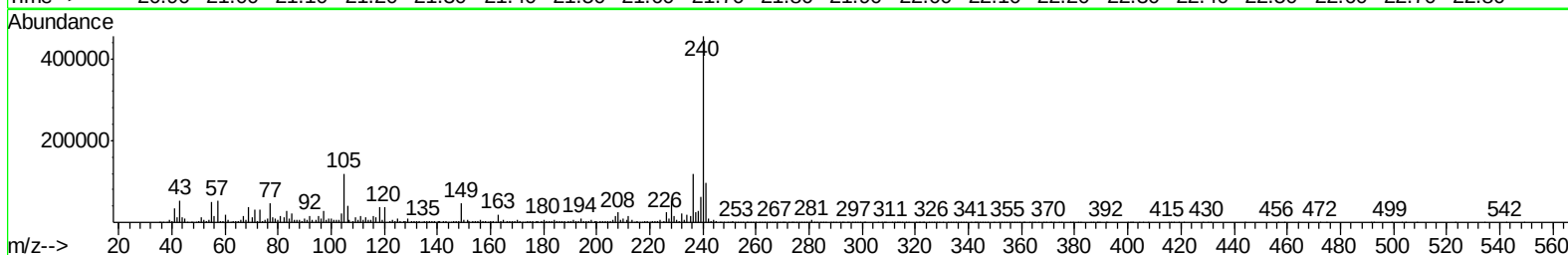
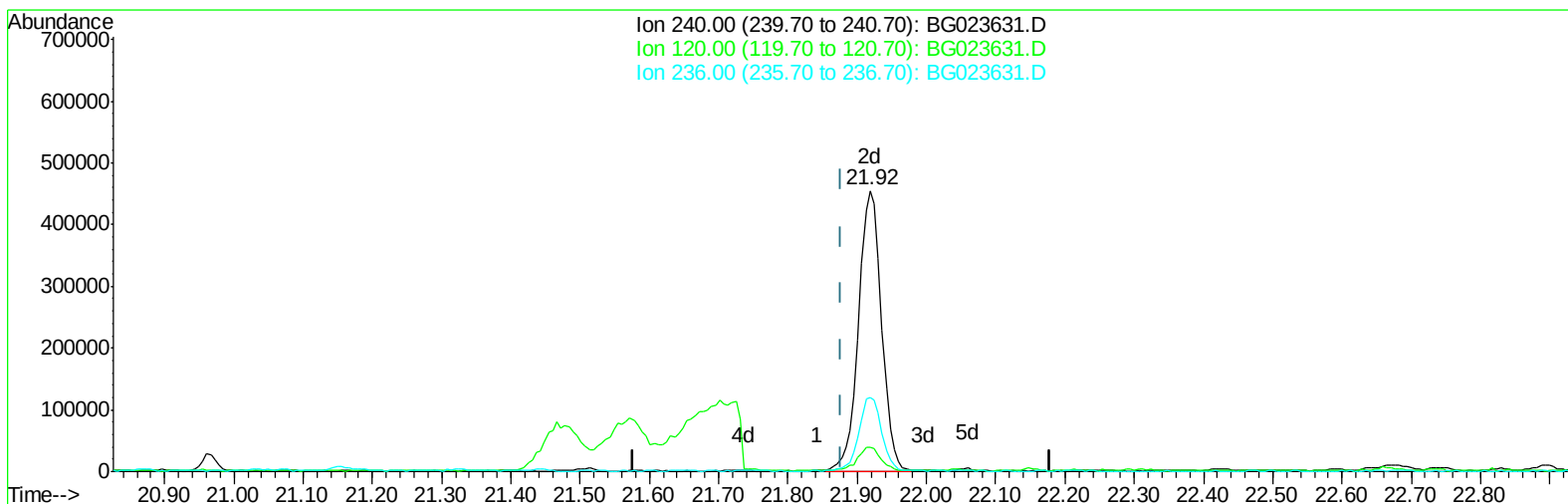
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:48:59 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



TIC: BG023631.D

(75) Chrysene-d12 (I)

21.919min (+0.040) 20.00ng/ul m

response 1049179

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	8.52#
236.00	26.10	26.31
0.00	0.00	0.00

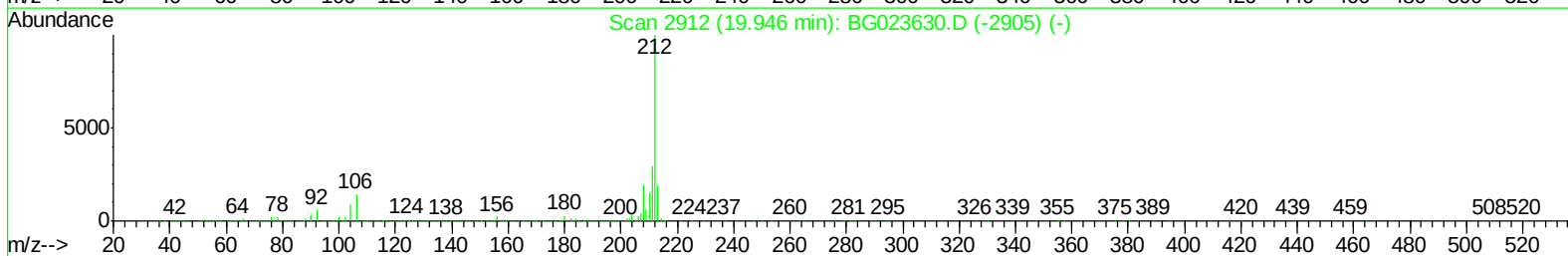
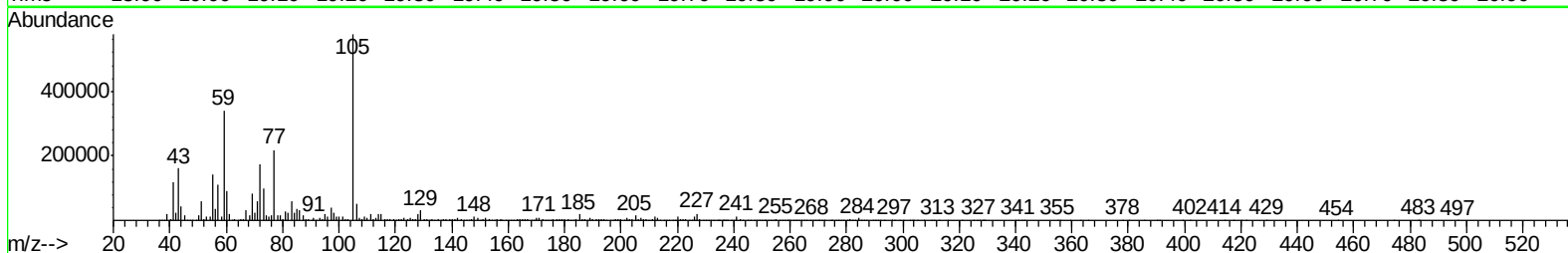
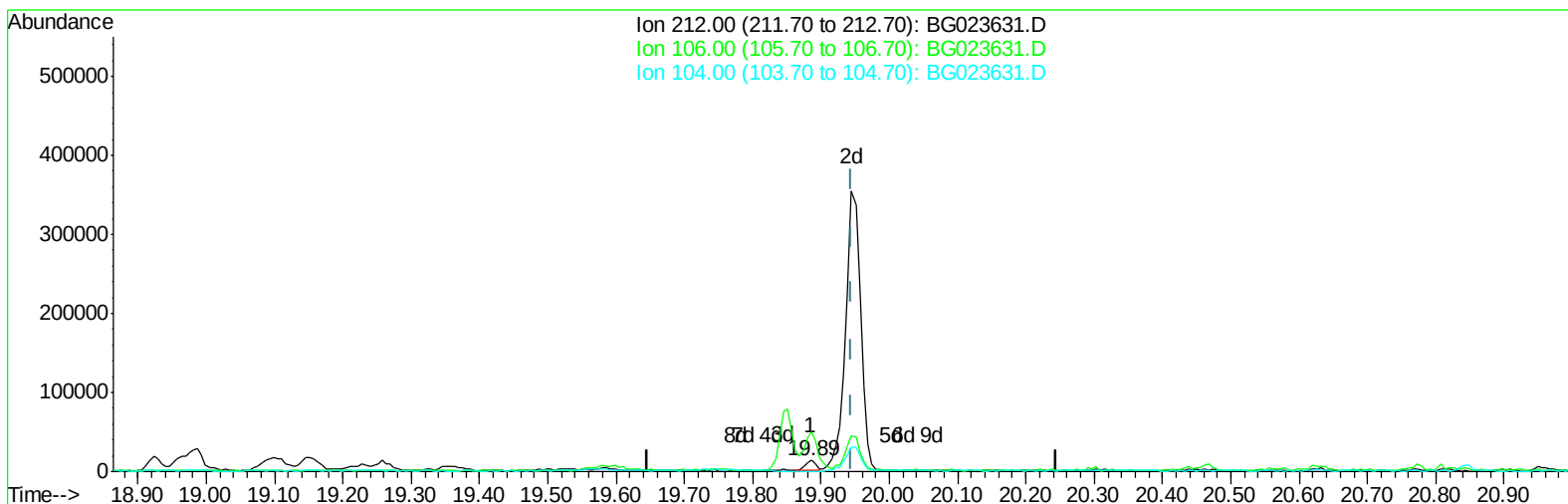
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:50:27 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



TIC: BG023631.D

(76) Pyrene-d10 (S)

19.886min (-0.060) 0.26ng/ul

response 14041

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	356.58#
104.00	11.70	0.00#
0.00	0.00	0.00

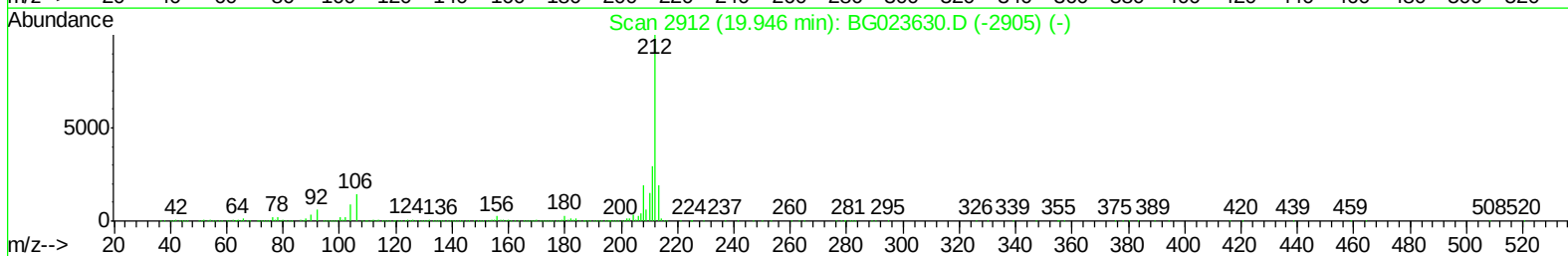
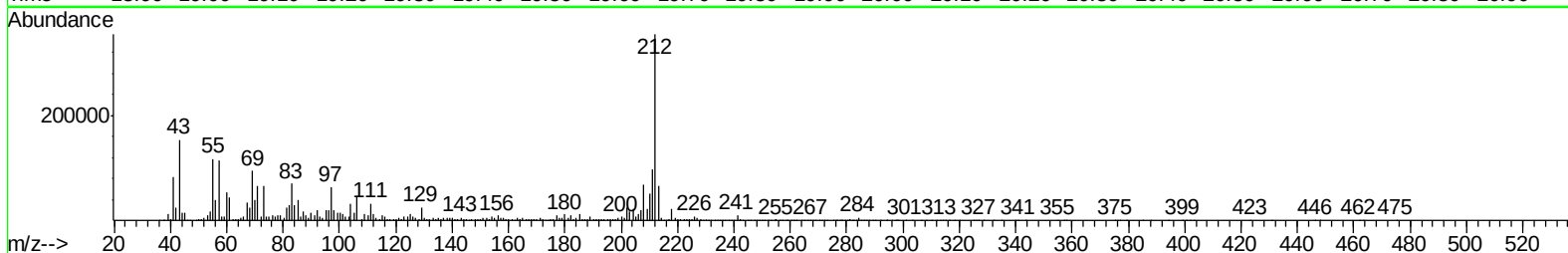
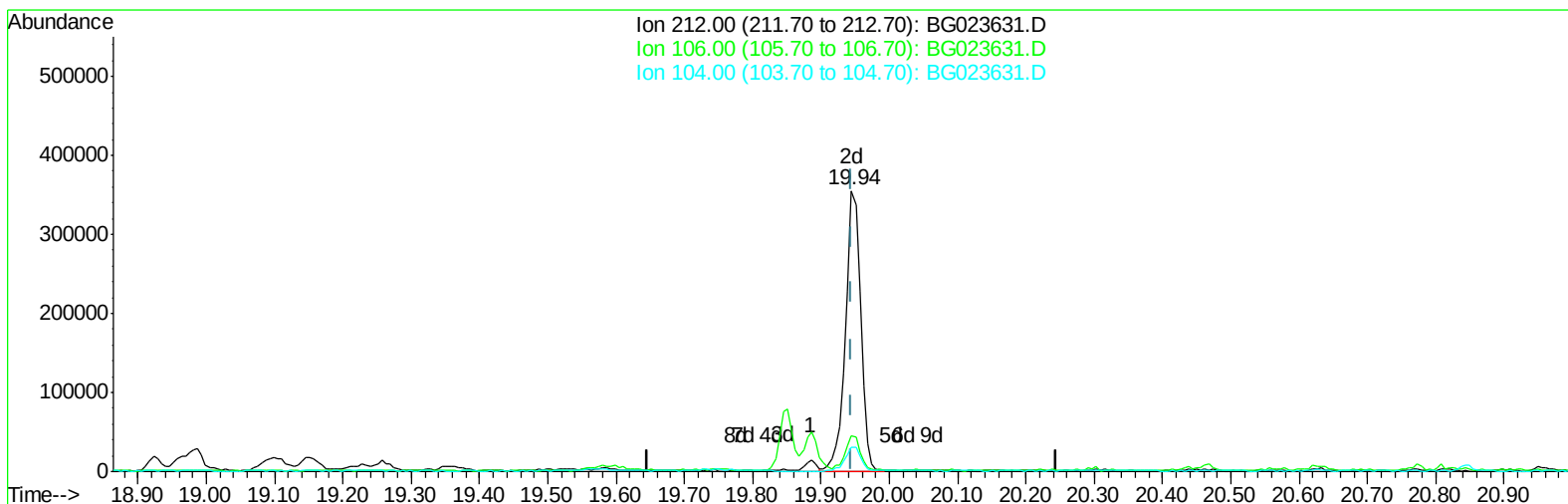
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:50:27 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



TIC: BG023631.D

(76) Pyrene-d10 (S)

19.945min (-0.001) 10.25ng/ul m

response 544121

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	12.88#
104.00	11.70	8.67#
0.00	0.00	0.00

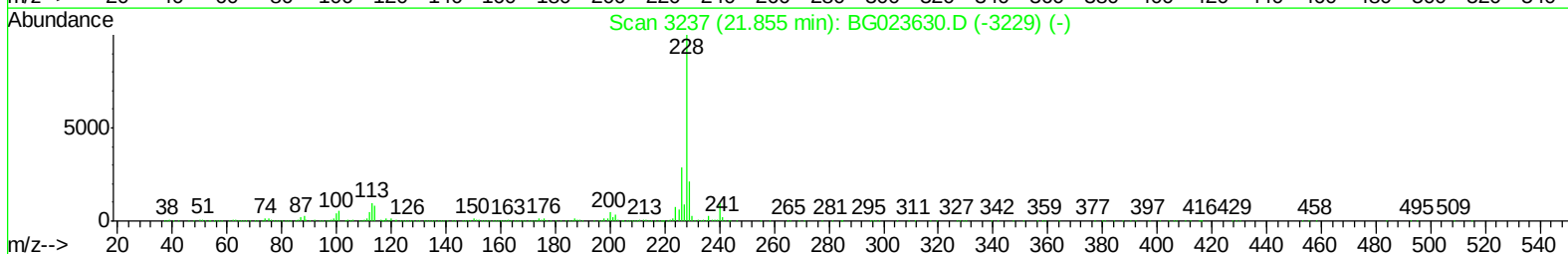
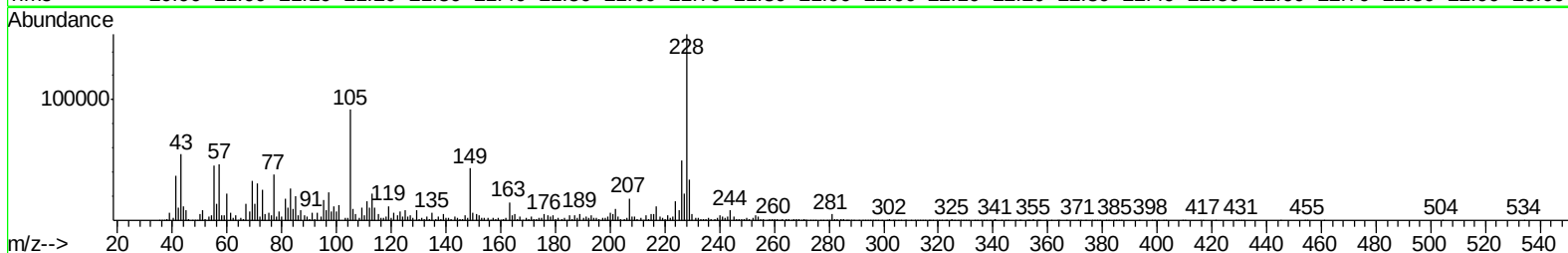
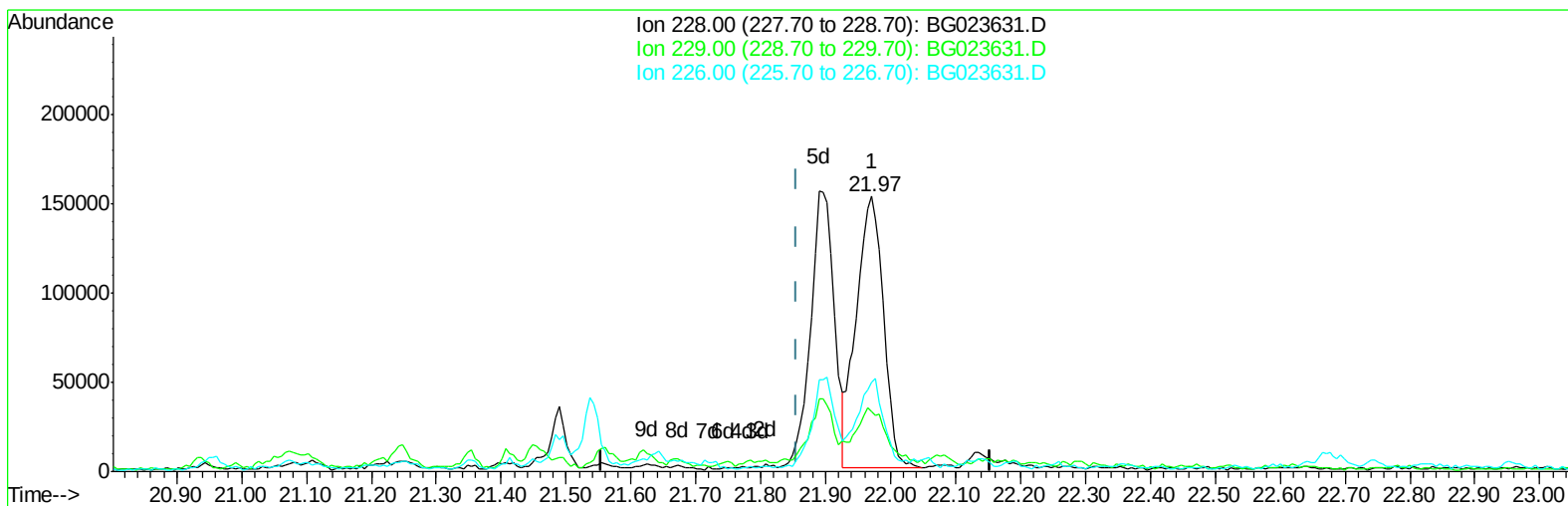
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:50:27 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



TIC: BG023631.D

(80) Benzo(a)anthracene
21.971min (+0.117) 7.61ng/ul
response 449405

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.87
226.00	28.50	32.34
0.00	0.00	0.00

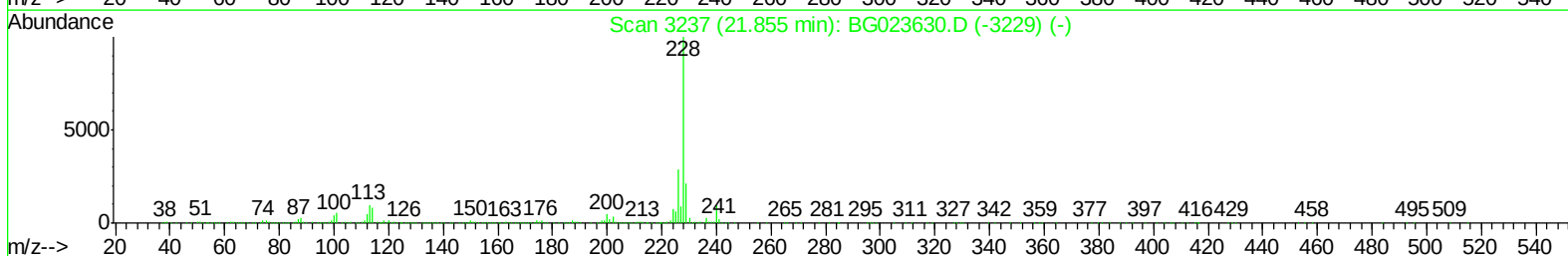
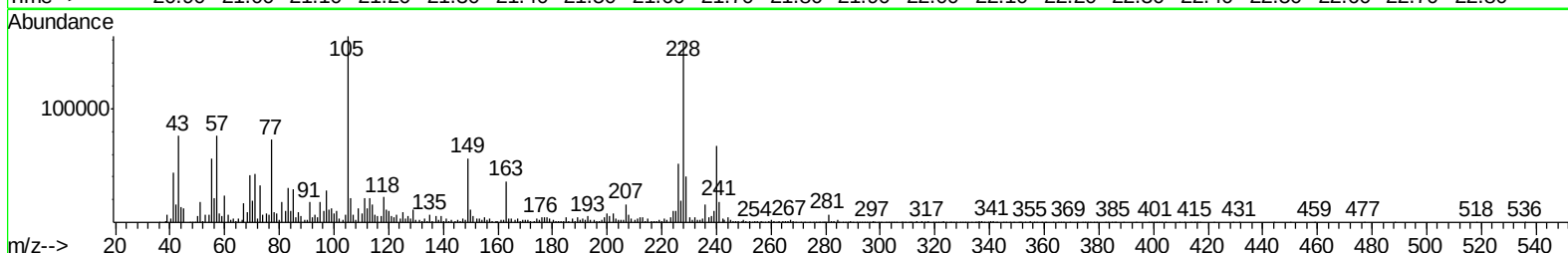
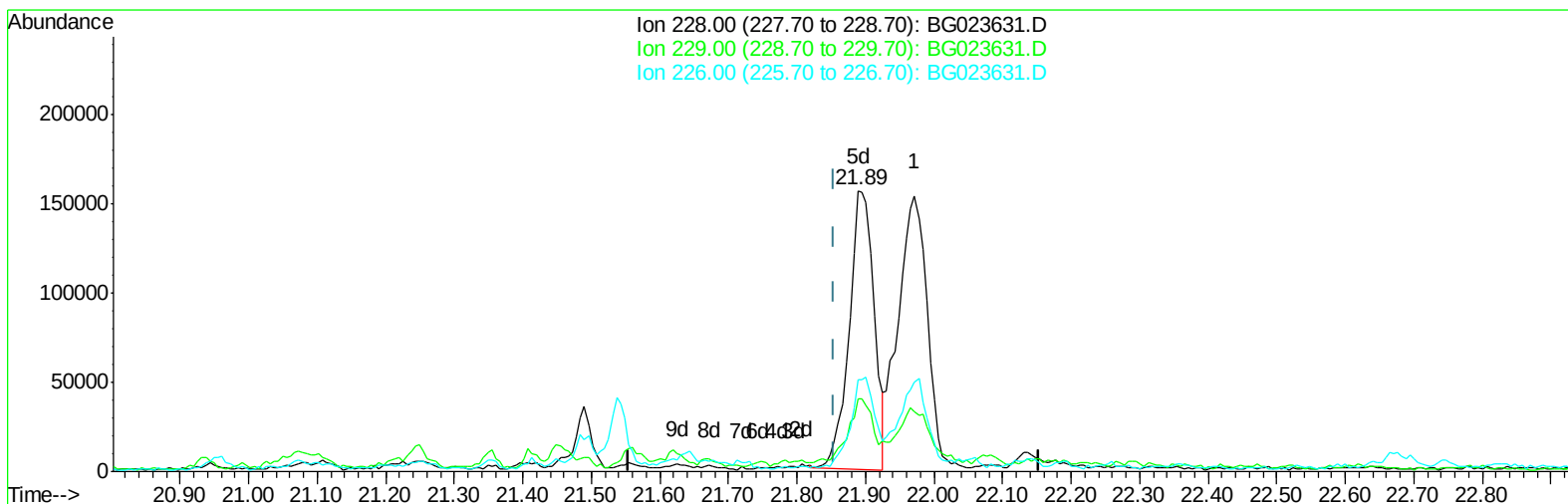
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:50:27 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



TIC: BG023631.D

(80) Benzo(a)anthracene

21.889min (+0.034) 6.68ng/ul m

response 394979

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	26.01#
226.00	28.50	32.53
0.00	0.00	0.00

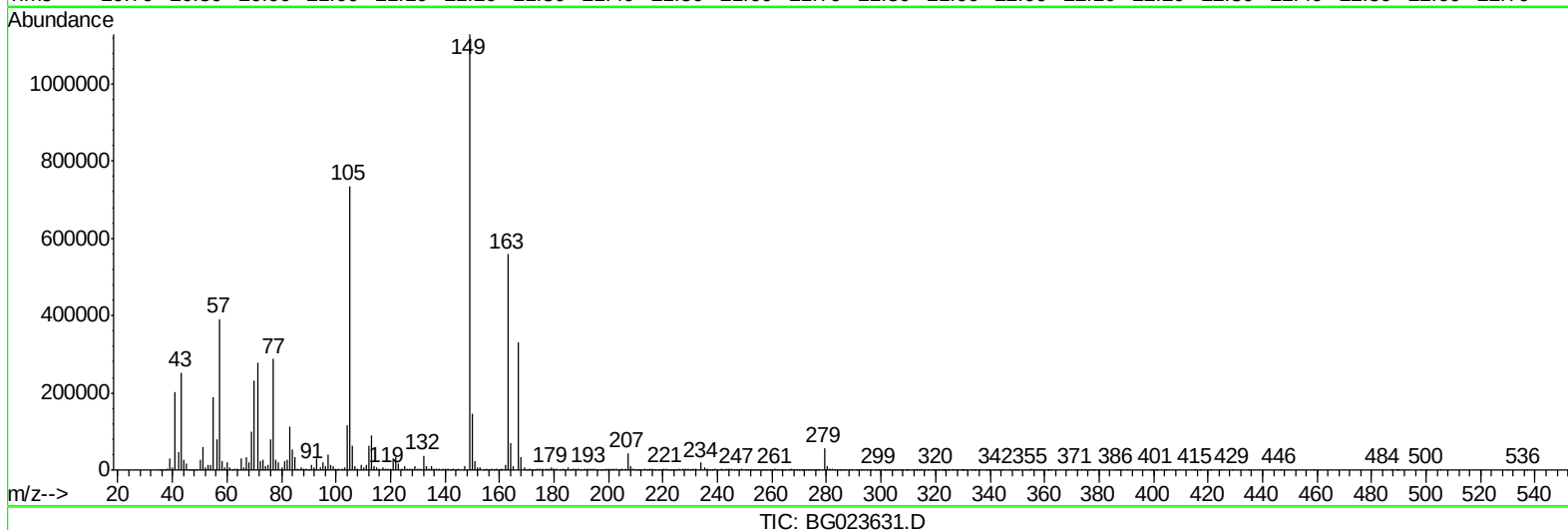
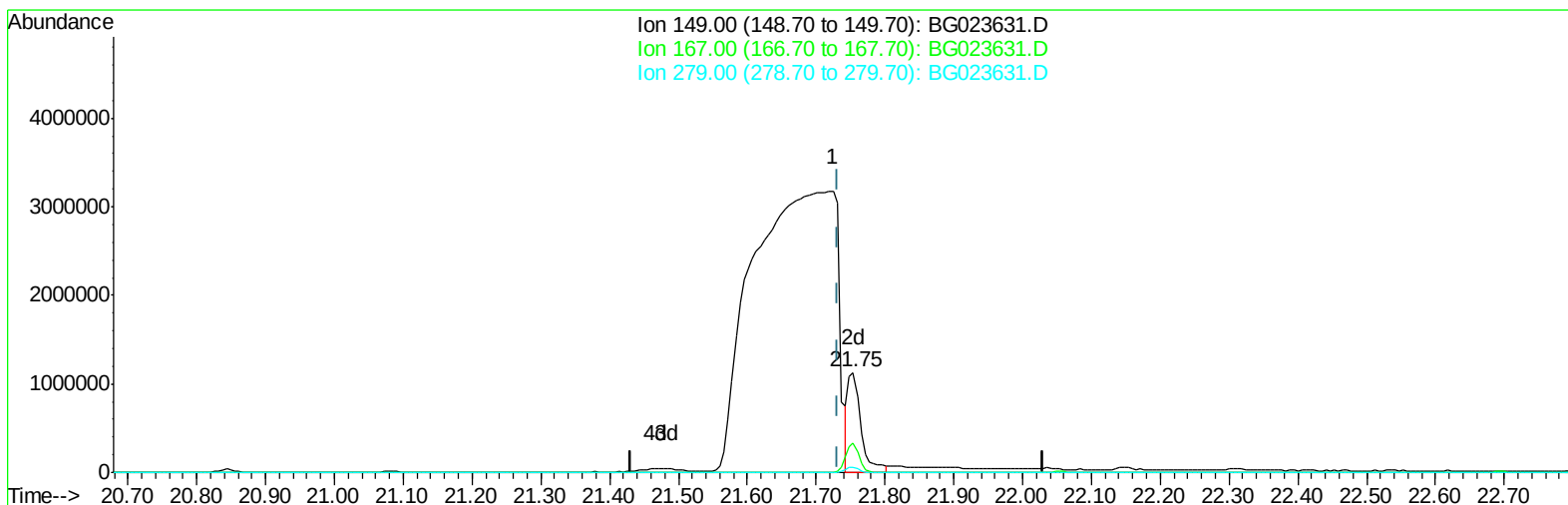
Data Path : Z:\HPCHEM1\BNA G\Data\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 14:01:40 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



(81) Bis(2-ethylhexyl)phthalate

21.754min (+0.023) 44.30ng/ul m

response 1465519

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	29.21
279.00	3.60	5.07#
0.00	0.00	0.00

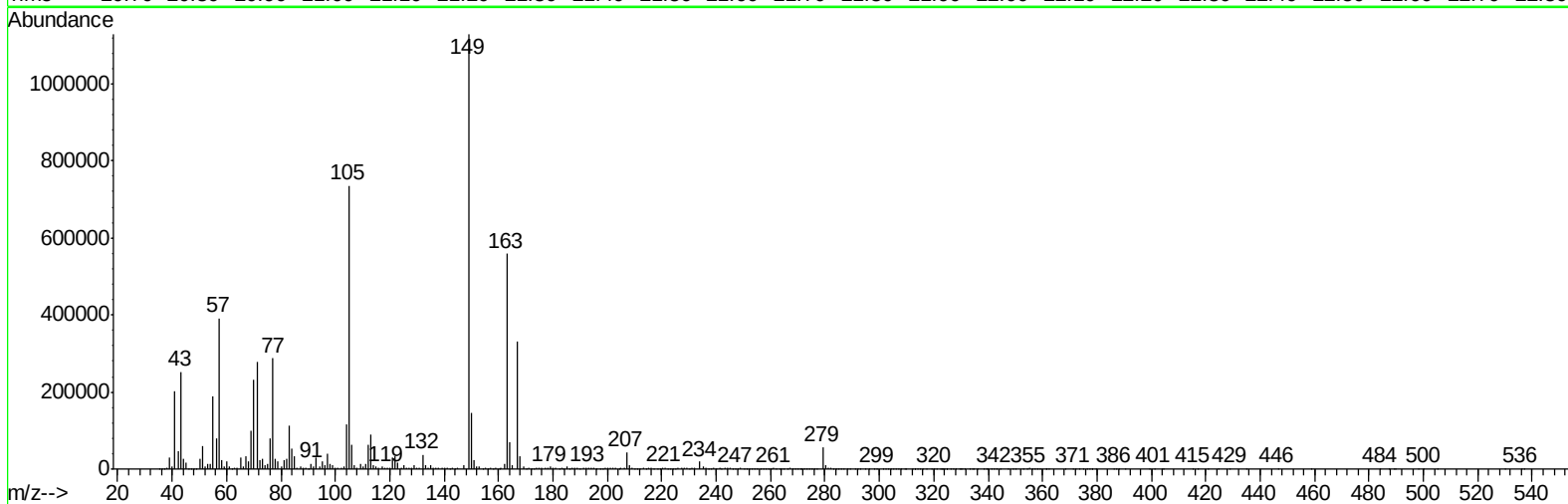
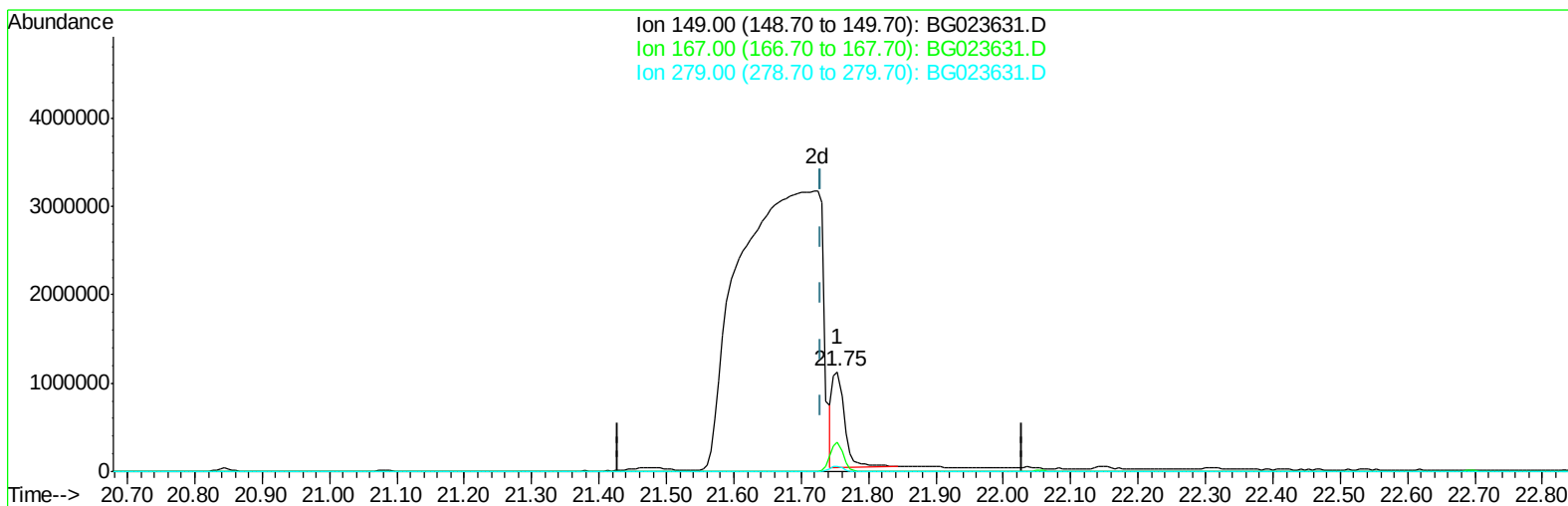
Data Path : Z:\HPCHEM1\BNA G\Data\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 25 13:50:40 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: BG023631.D

(81) Bis(2-ethylhexyl)phthalate

21.754min (+0.025) 39.82ng/ul

response 1312931

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	29.21
279.00	3.60	5.07#
0.00	0.00	0.00

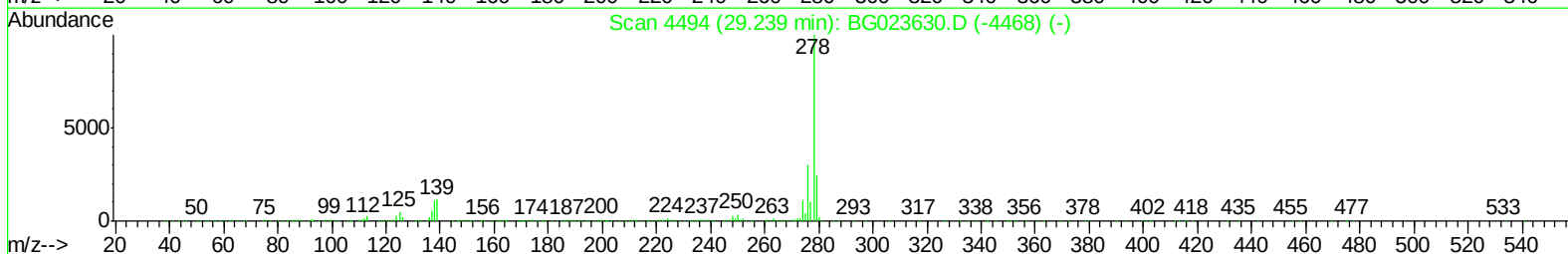
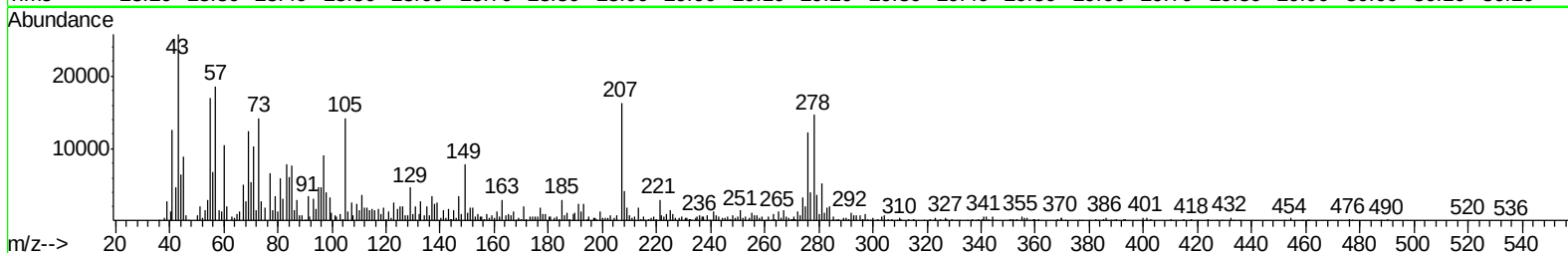
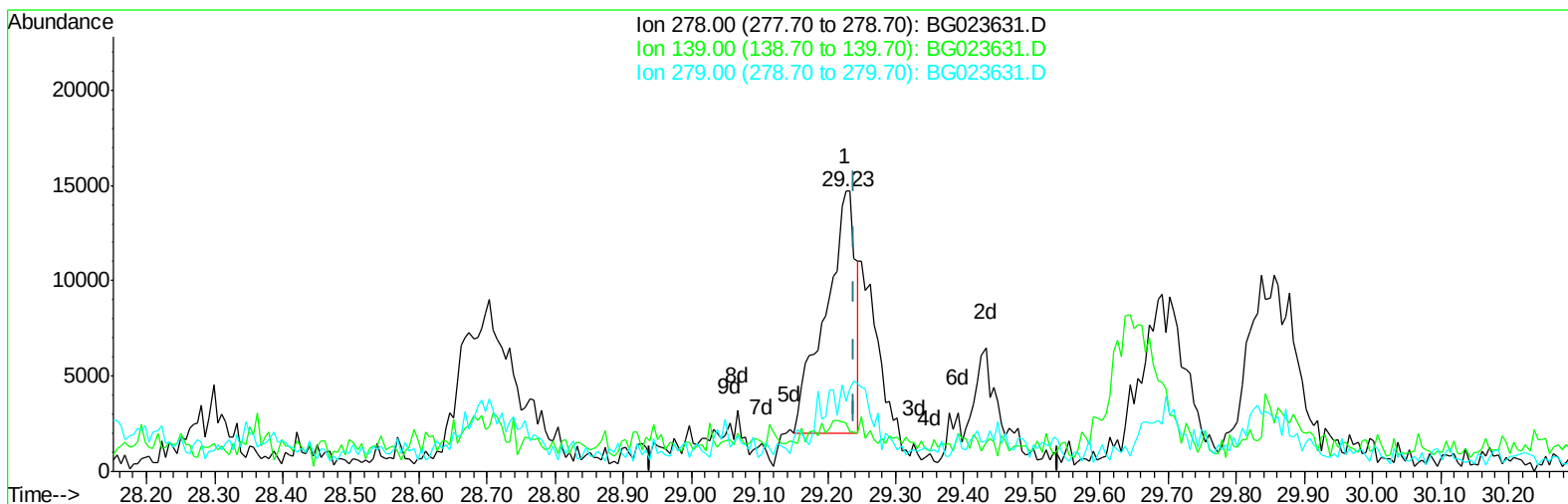
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:50:27 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



TIC: BG023631.D

(90) Dibenzo(a,h)anthracene

29.226min (-0.013) 0.72ng/ul

response 38928

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	17.24
279.00	23.90	25.18
0.00	0.00	0.00

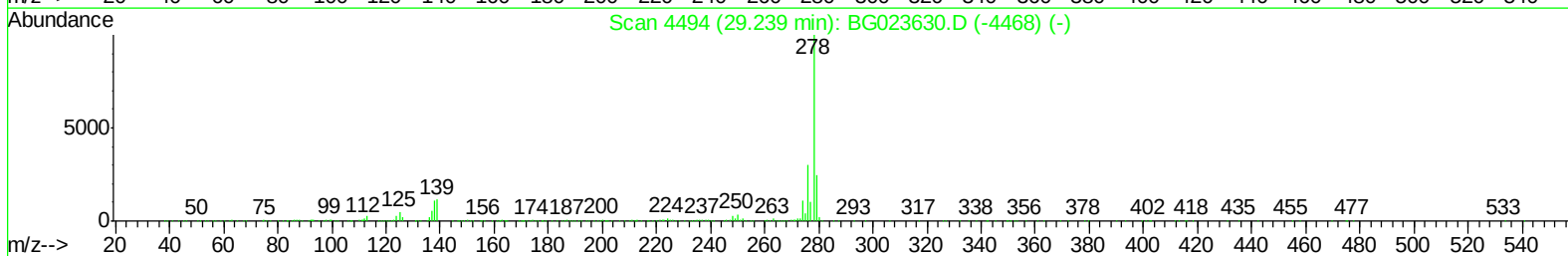
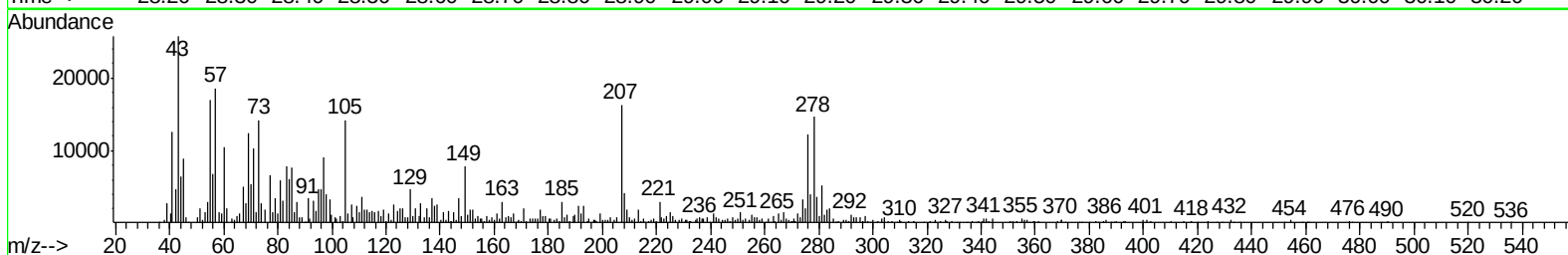
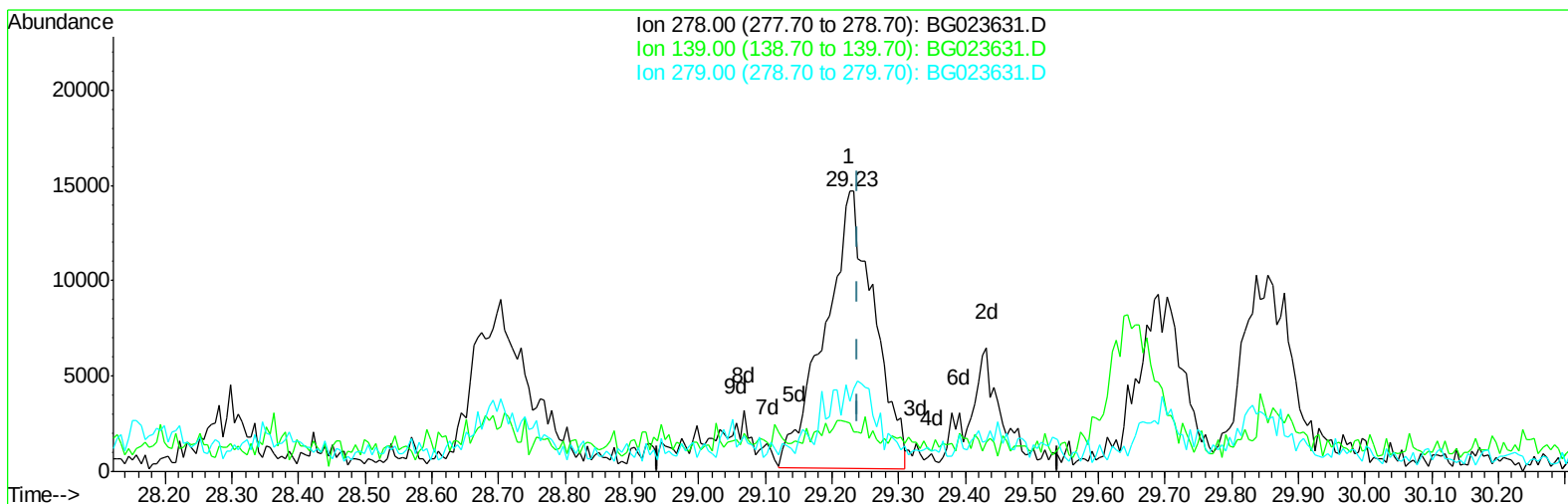
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:50:27 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



TIC: BG023631.D

(90) Dibenzo(a,h)anthracene

29.226min (-0.013) 1.37ng/ul m

response 74325

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	17.24
279.00	23.90	25.18
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023631.D
 Acq On : 11 Aug 2016 20:56
 Operator : UM/SJ
 Sample : H4360-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS001-0612-01

Manual Integrations
 APPROVED

sohil
 8/12/2016 5:57:09 PM

Quant Time: Aug 12 14:01:40 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	8.12	152	145649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	619619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	419189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	977721	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1049179m	20.00	ng/ul	0.04
83) Perylene-d12	25.30	264	983181	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3142	0.92	ng/uL	0.00
5) Phenol-d5	7.29	99	135296	9.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	91335	9.72	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.65	132	95298	9.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	102606	8.96	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	49756	10.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	64175	11.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	107437	10.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	32332m	2.60	ng/ul	0.01
43) Dimethylphthalate-d6	14.19	166	359557	10.48	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	426440	11.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	204534	34.91	ng/ul	0.05
57) Fluorene-d10	15.79	176	325381	10.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	53125	8.47	ng/ul	0.00
70) Anthracene-d10	17.65	188	483315	10.97	ng/ul	0.00
76) Pyrene-d10	19.94	212	544121m	10.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	504811	11.34	ng/ul	0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	151921	4.47	ng/ul#	97
47) Acenaphthylene	14.52	152	56195	1.39	ng/ul#	79
69) Phenanthrene	17.59	178	385011	7.60	ng/ul	99
73) Di-n-butylphthalate	18.48	149	383628	7.36	ng/ul#	91
74) Fluoranthene	19.62	202	553324	10.67	ng/ul#	92
77) Pyrene	19.98	202	825028	12.72	ng/ul#	93
80) Benzo(a)anthracene	21.89	228	394979m	6.68	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.75	149	1465519m	44.30	ng/ul	
82) Chrysene	21.97	228	449405	8.36	ng/ul	95
84) Di-n-octyl phthalate	23.01	149	77046	1.55	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	369273	6.60	ng/ul	98
88) Benzo(a)pyrene	25.13	252	324724	6.01	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.17	276	190281	3.00	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.23	278	74325m	1.37	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	188141	3.58	ng/ul#	89

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

Quant Time: Aug 12 04:54:30 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

