

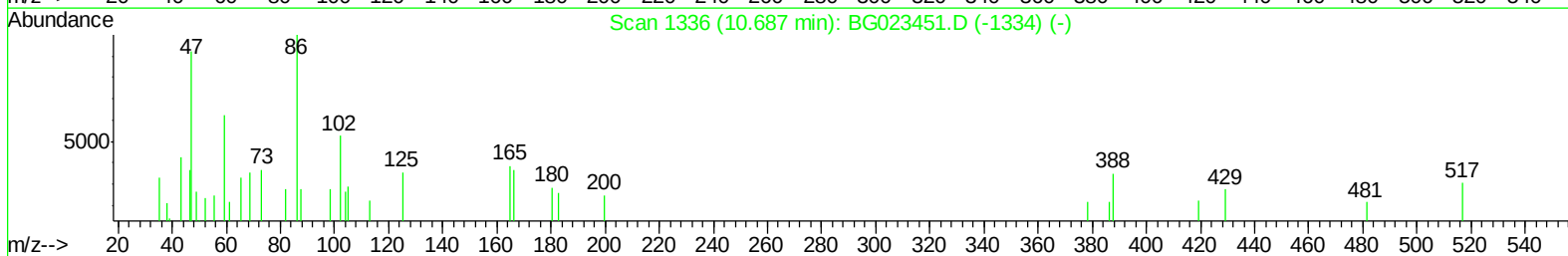
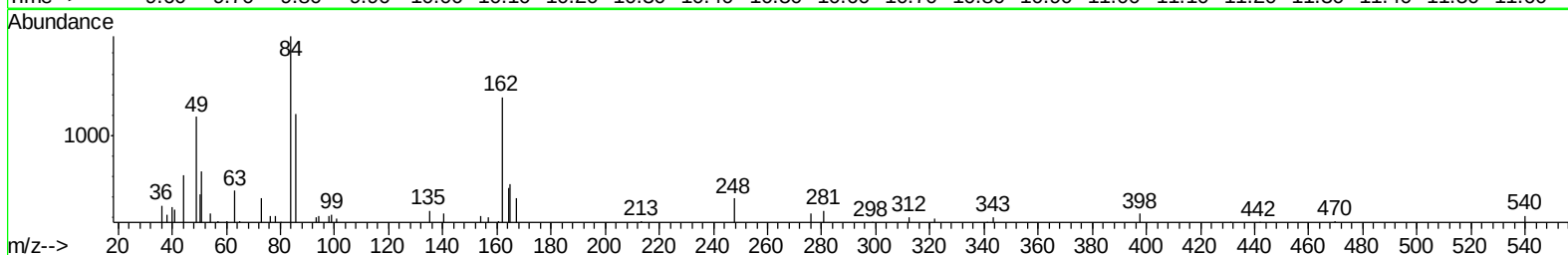
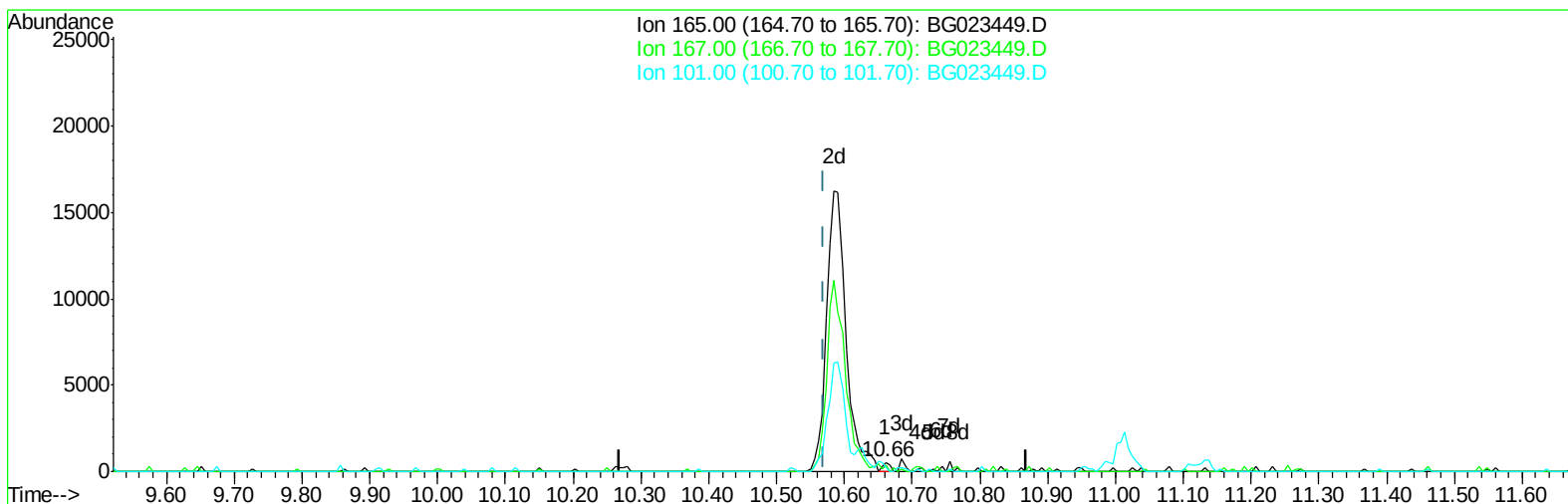
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

(26) 2,4-Dichlorophenol-d3 (S)

10.661min (+0.092) 0.06ng/ul

response 441

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	72.92
101.00	31.80	35.98
0.00	0.00	0.00

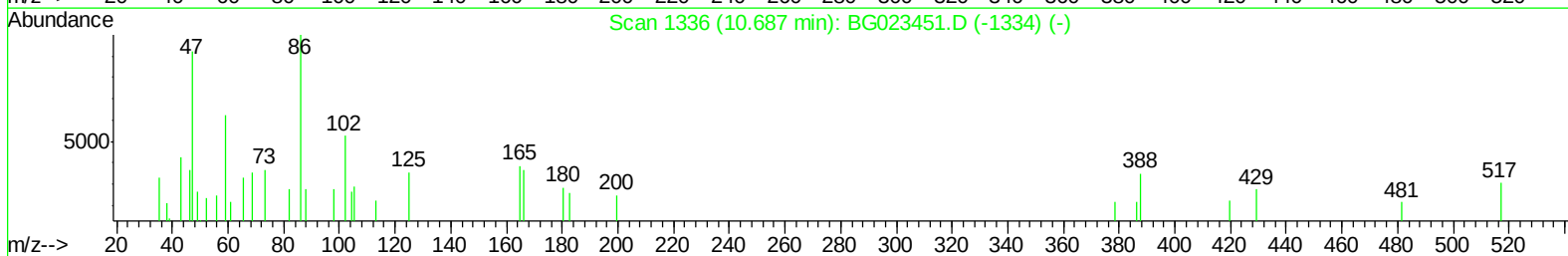
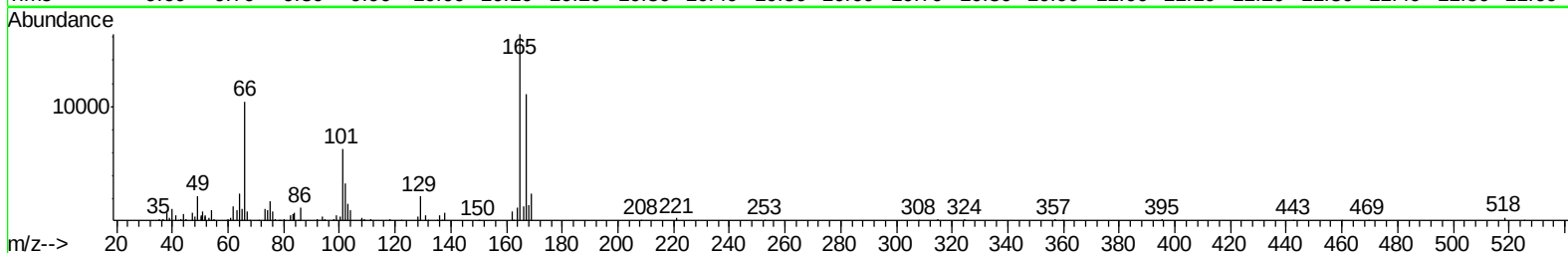
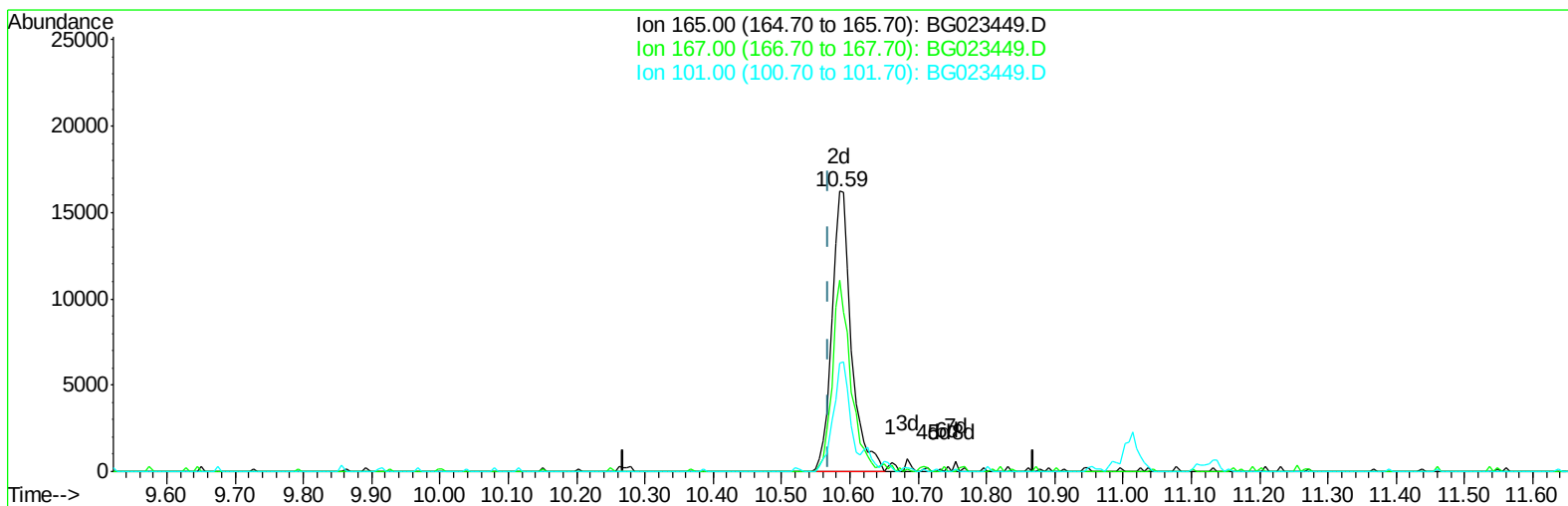
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

(26) 2,4-Dichlorophenol-d3 (S)

10.585min (+0.015) 4.36ng/ul m

response 32340

Ion	Exp%	Act%
165.00	100	100
167.00	60.90	68.33
101.00	31.80	38.66#
0.00	0.00	0.00

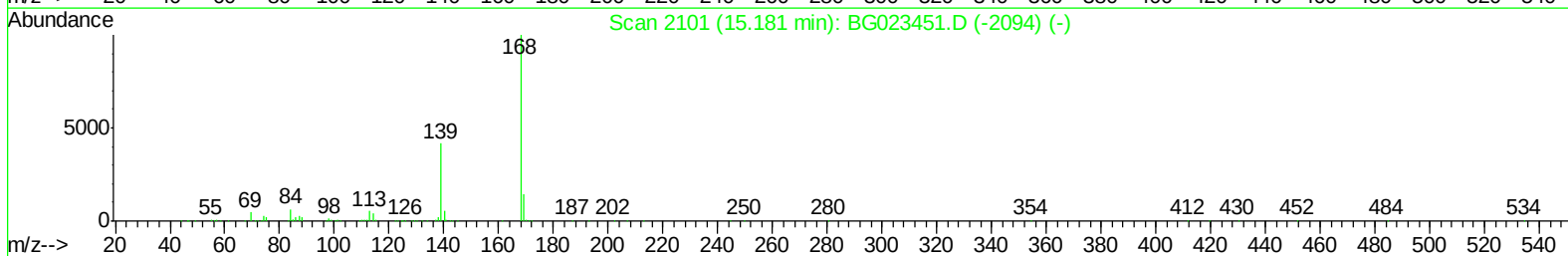
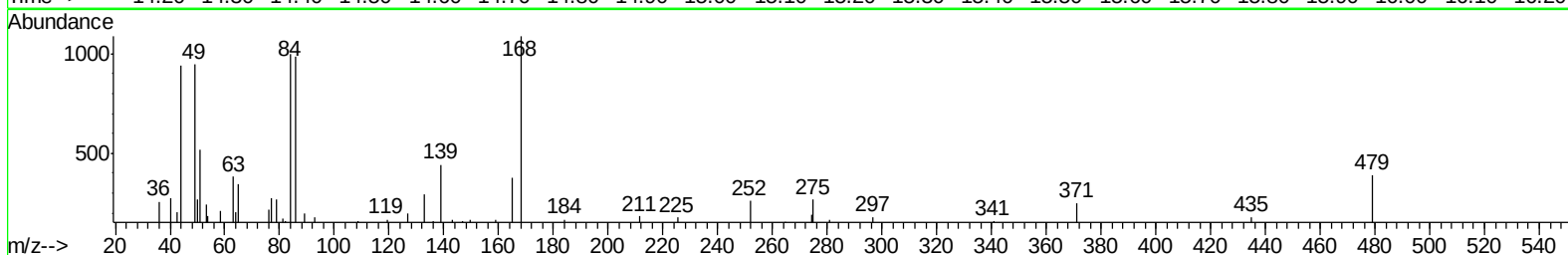
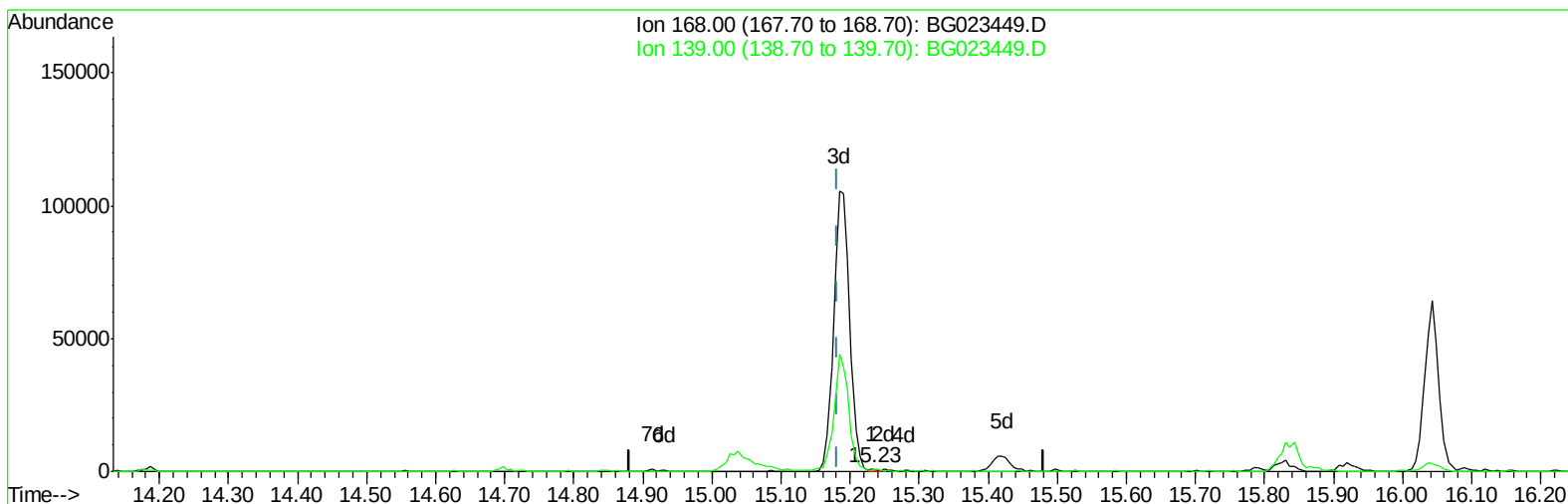
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

(53) Dibenzofuran

15.232min (+0.051) 0.02ng/ul

response 630

Ion	Exp%	Act%
168.00	100	100
139.00	34.20	40.68
0.00	0.00	0.00
0.00	0.00	0.00

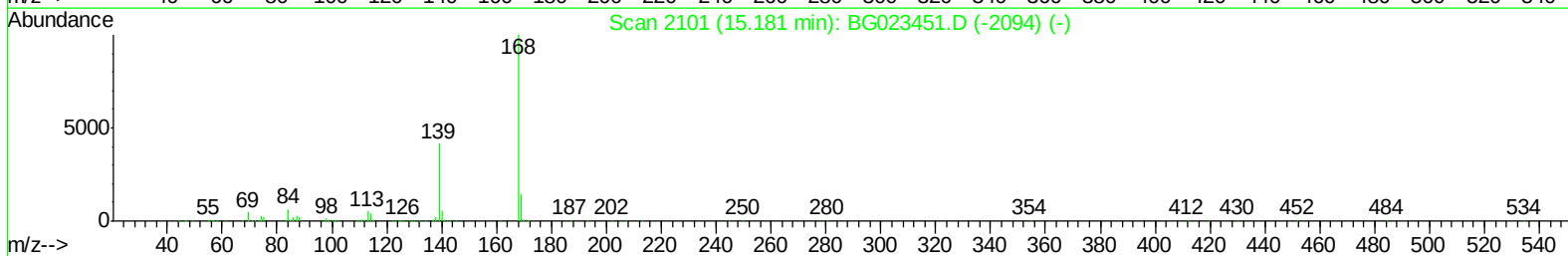
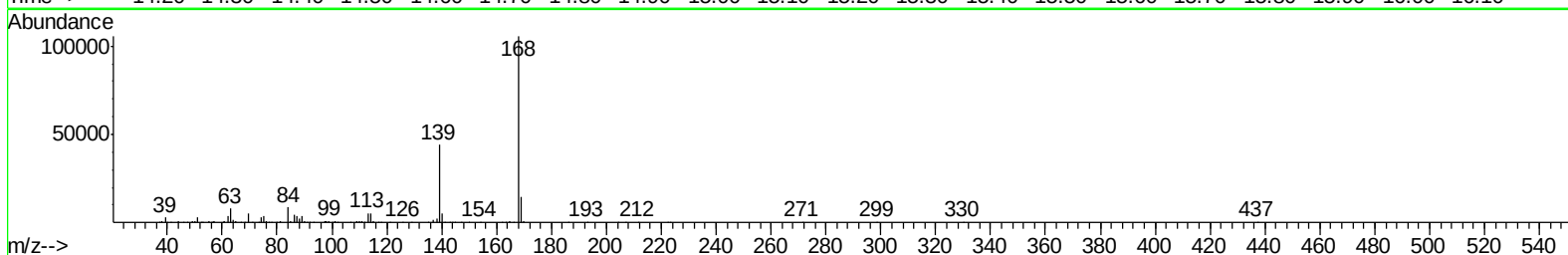
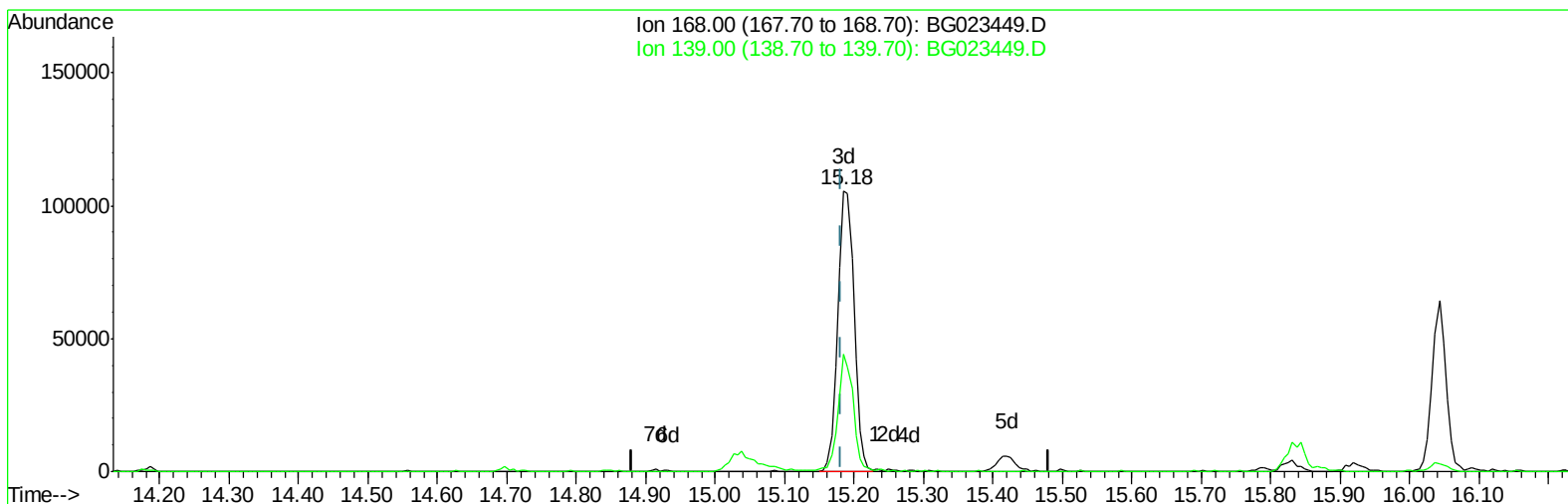
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

(53) Dibenzofuran

15.185min (+0.004) 5.63ng/ul m

response 172733

Ion	Exp%	Act%
168.00	100	100
139.00	34.20	41.85#
0.00	0.00	0.00
0.00	0.00	0.00

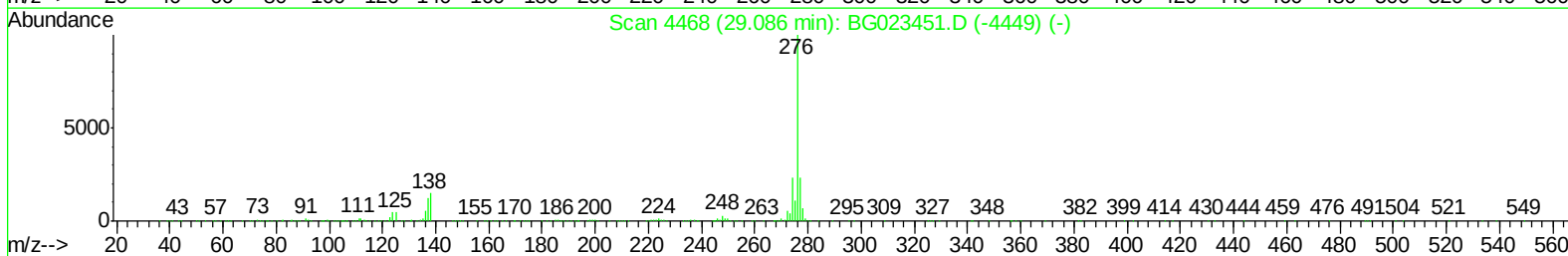
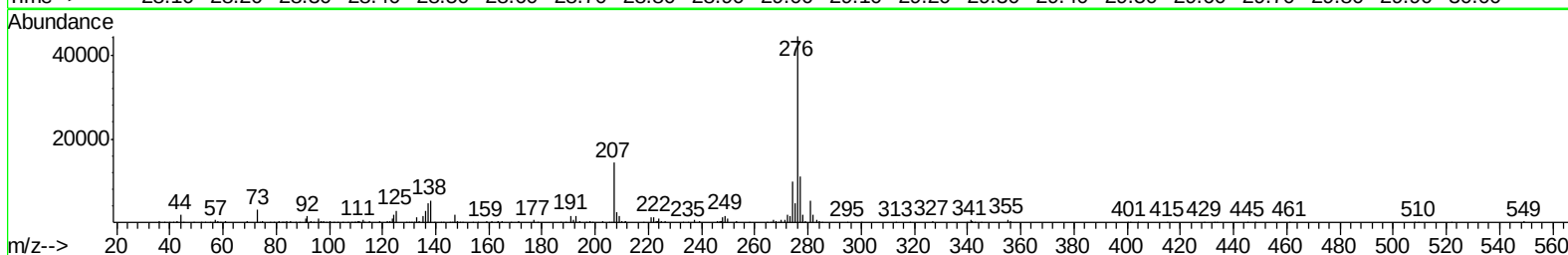
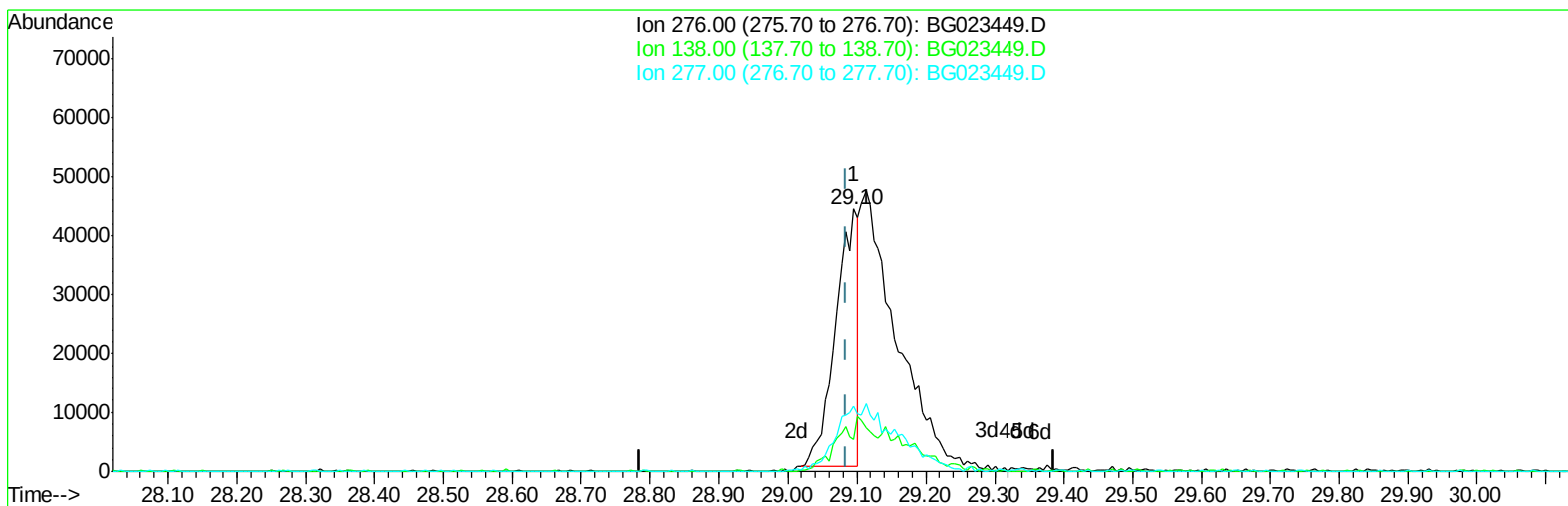
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

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

29.095min (+0.009) 1.74ng/ul

response 99840

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	12.29#
277.00	22.00	24.85
0.00	0.00	0.00

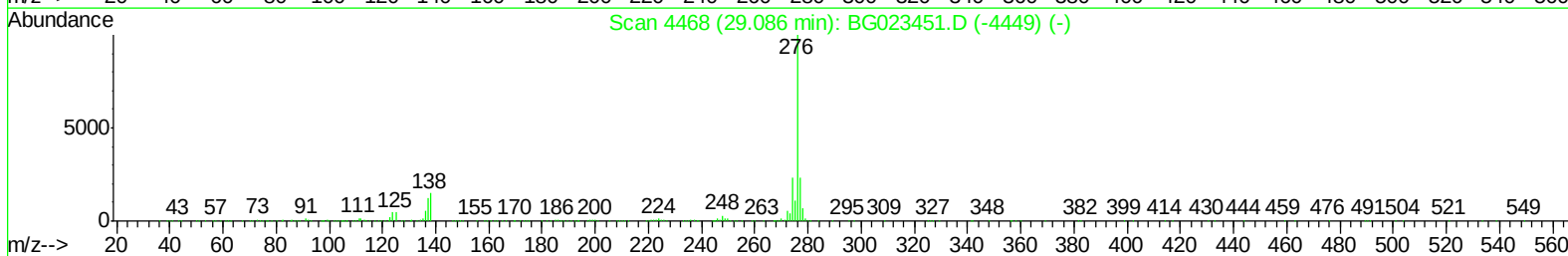
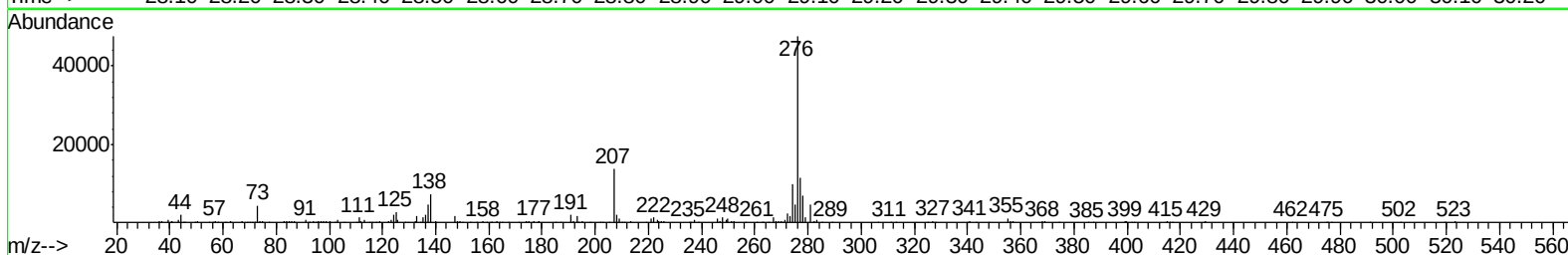
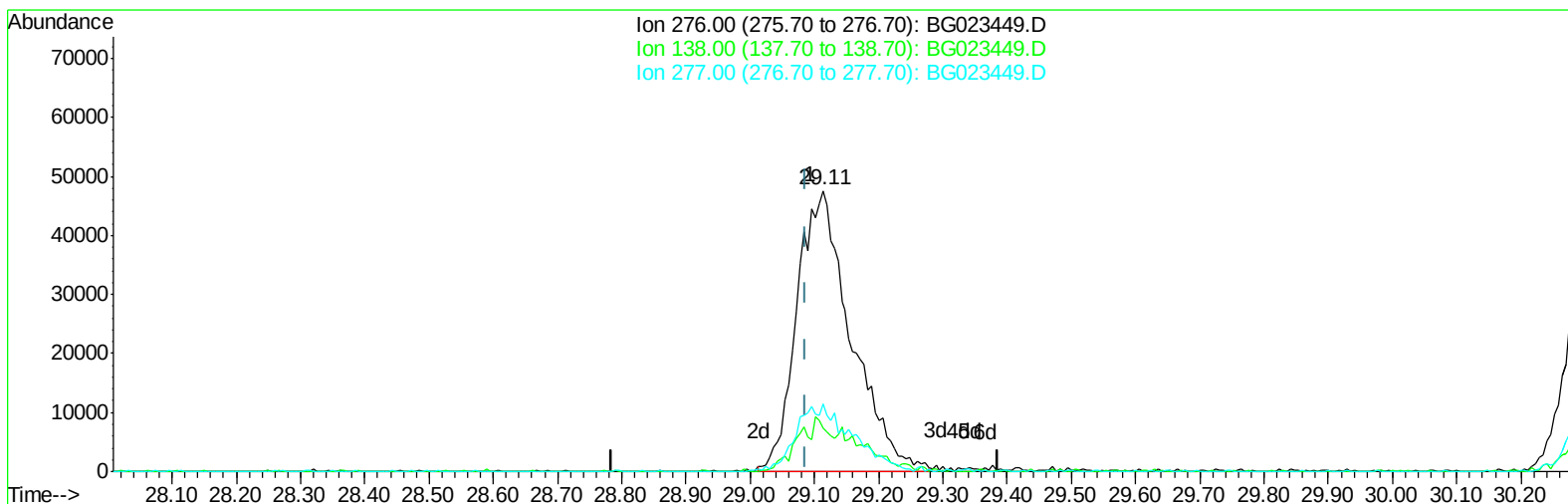
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

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

29.113min (+0.027) 4.85ng/ul m

response 278084

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	15.61#
277.00	22.00	24.04
0.00	0.00	0.00

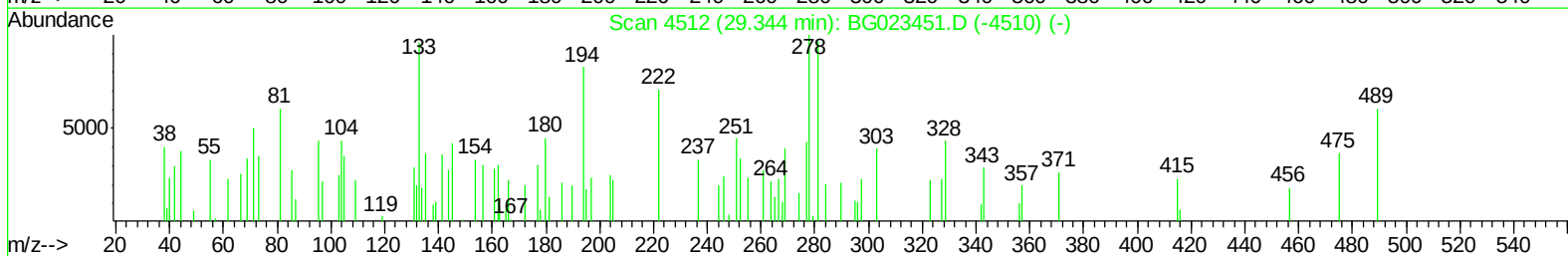
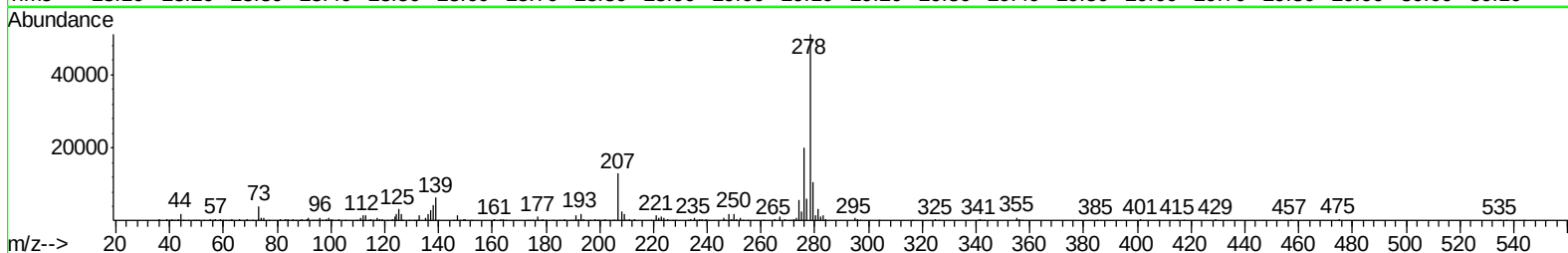
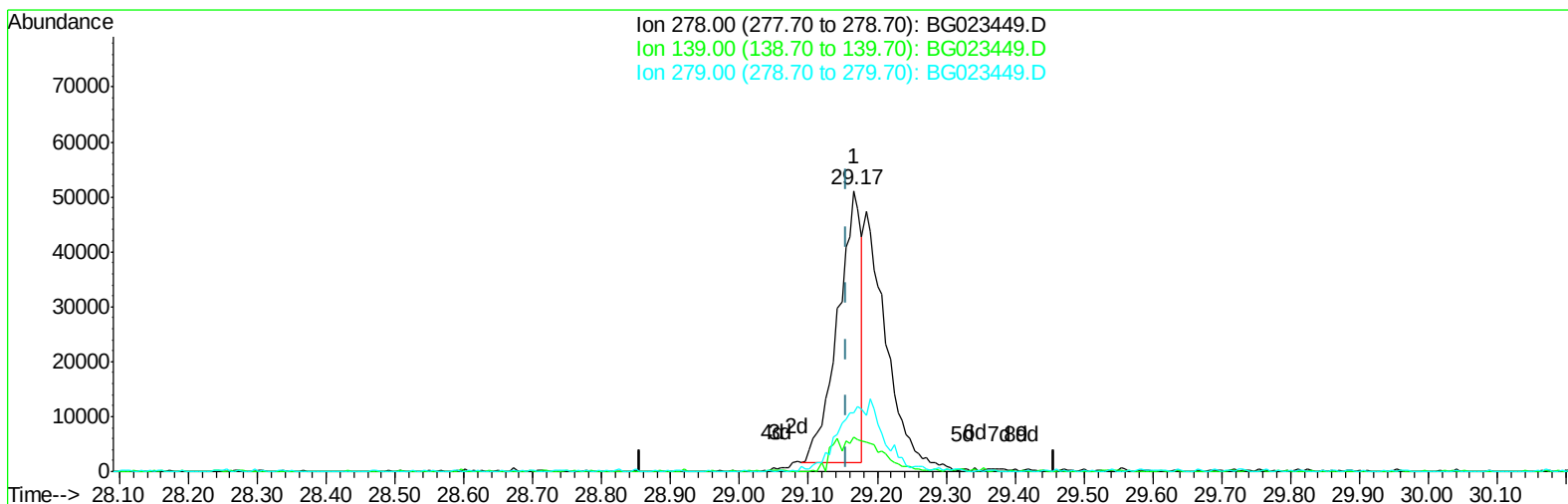
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

(90) Dibenzo(a,h)anthracene

29.166min (+0.009) 2.52ng/ul

response 118971

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	12.33#
279.00	23.90	20.74
0.00	0.00	0.00

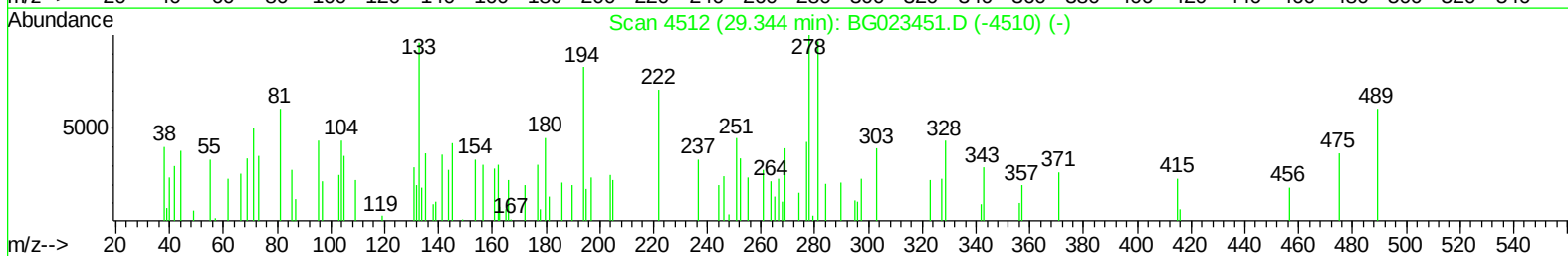
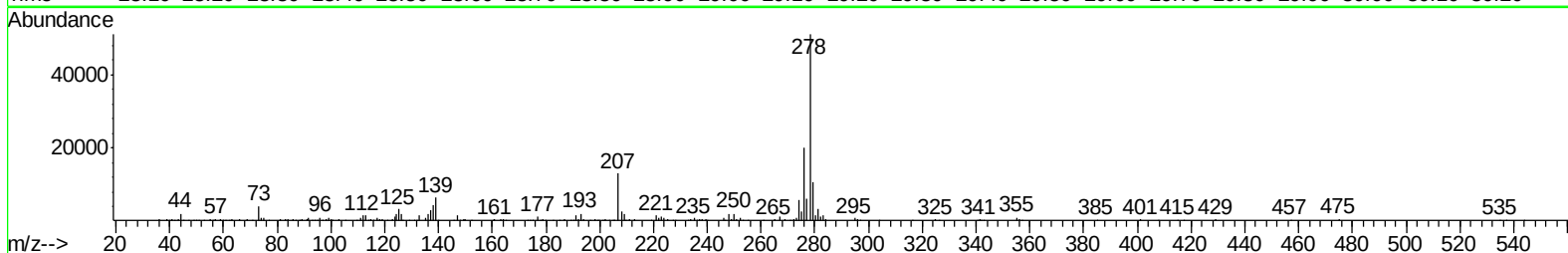
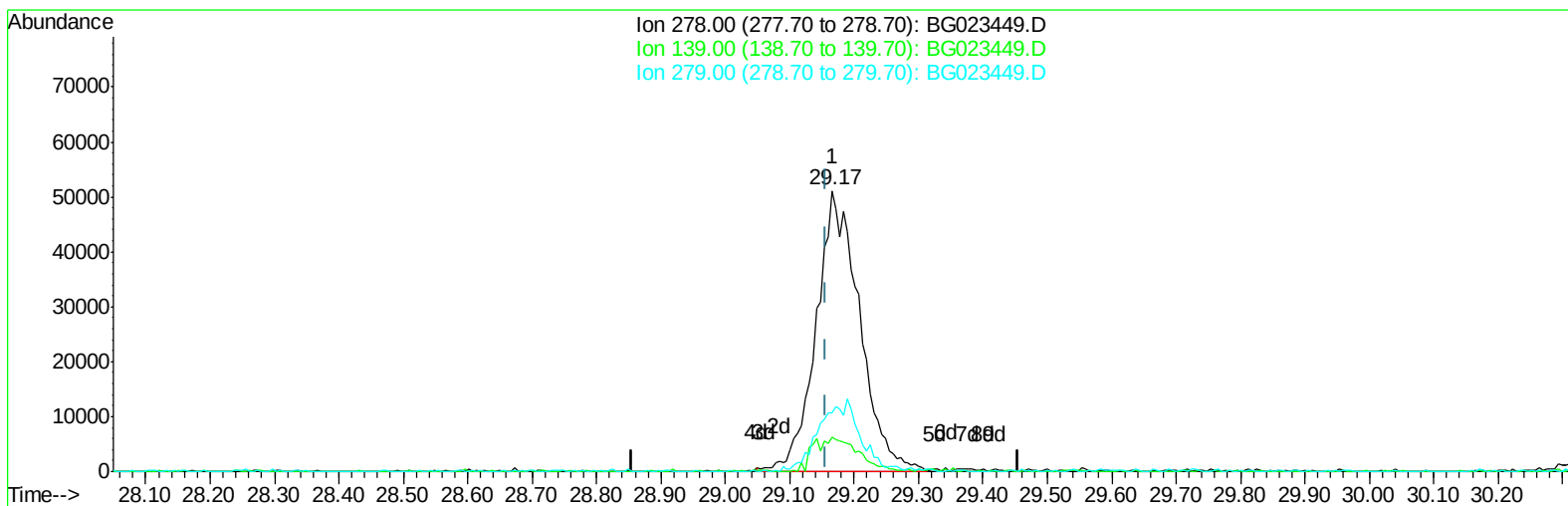
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SST00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

(90) Dibenzo(a,h)anthracene

29.166min (+0.009) 5.03ng/ul m

response 237601

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	12.33#
279.00	23.90	20.74
0.00	0.00	0.00

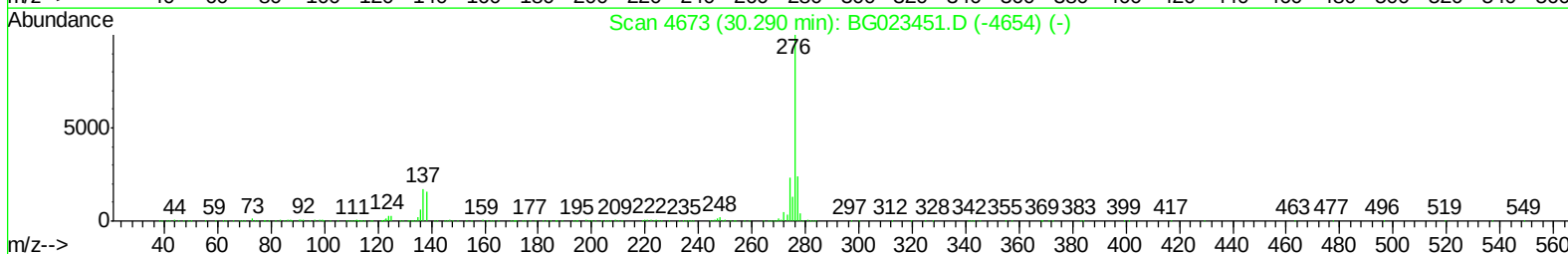
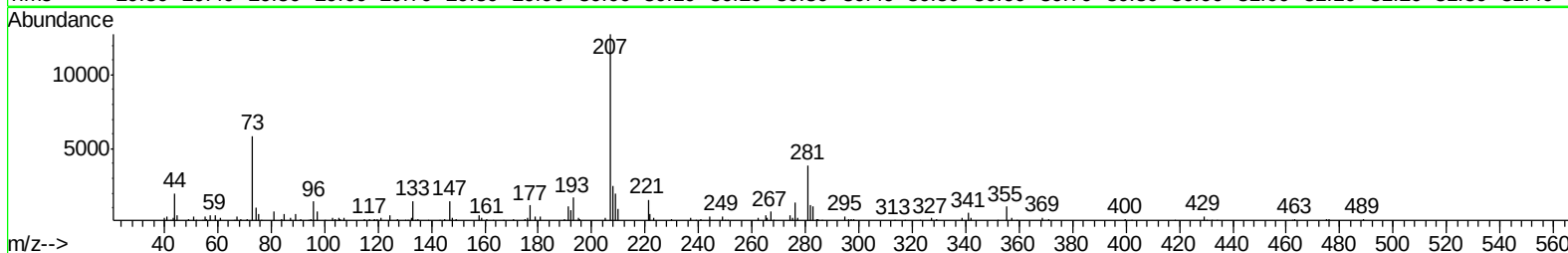
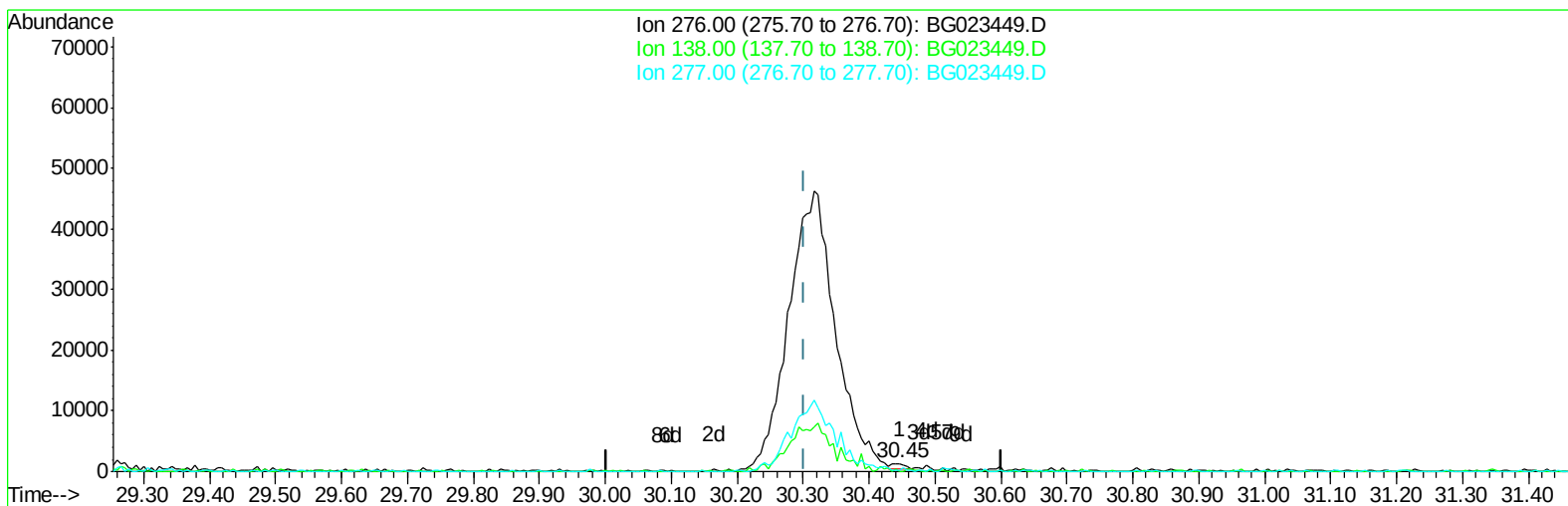
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

(91) Benzo(g,h,i)perylene
30.446min (+0.144) 0.03ng/ul
response 1368

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	0.00#
277.00	21.20	21.91
0.00	0.00	0.00

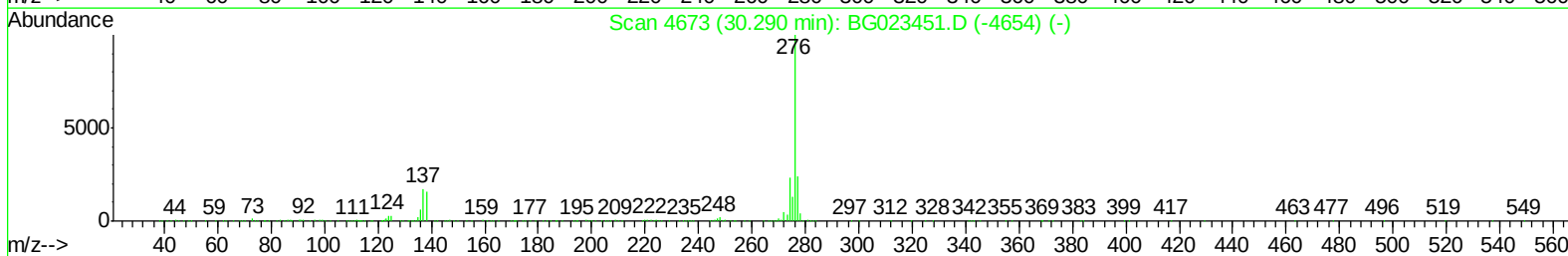
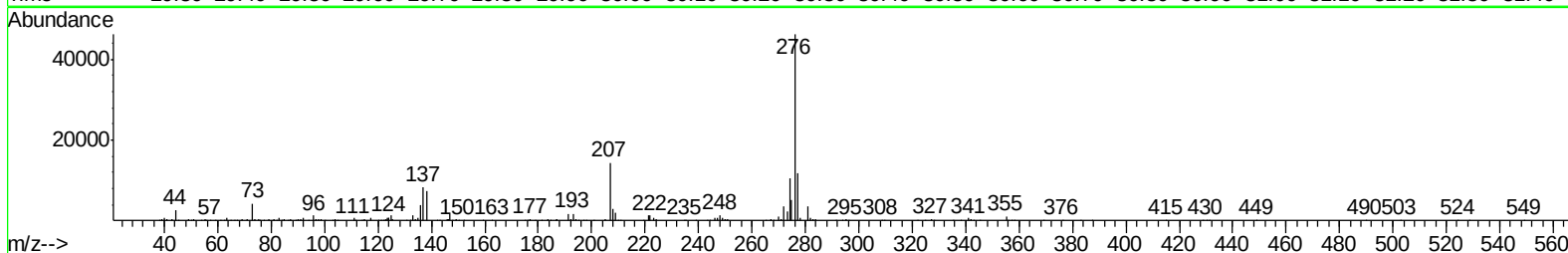
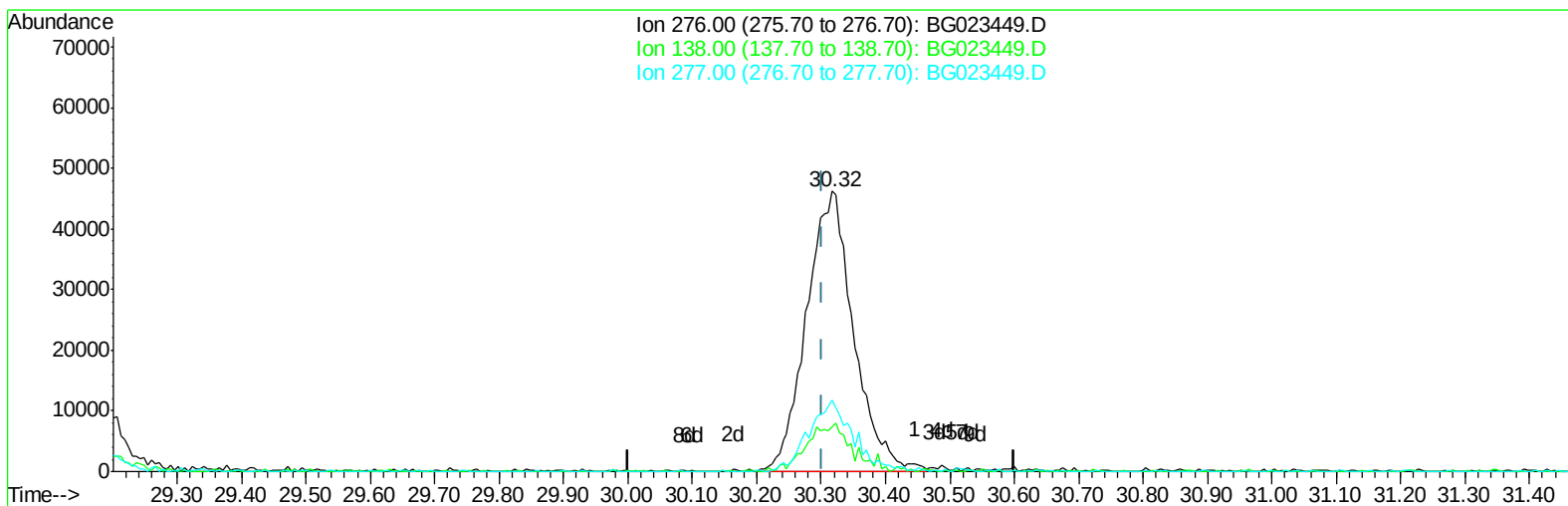
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:44:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration



TIC: BG023449.D

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

30.317min (+0.015) 4.93ng/ul m

response 233340

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	15.75#
277.00	21.20	25.41
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023449.D
 Acq On : 4 Aug 2016 13:08
 Operator : UM/SJ
 Sample : SSTD00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00501

Manual Integrations
 APPROVED

sohil
 8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:49:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 04 15:22:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	89011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	422156	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	321770	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	900208	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	902742	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	877686	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	4174	2.12	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.65	132	29454	4.78	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.30	128	15874	4.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	18098	4.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	32340m	4.36	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.18	166	137699	5.15	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	156483	5.15	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.78	176	132146	5.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.65	188	221415	5.25	ng/ul	0.00
76) Pyrene-d10	19.94	212	251418	5.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	195905	4.75	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.53	88	4327	2.05	ng/uL#	85
10) 2-Chlorophenol	7.69	128	29863	4.71	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.93	70	31731	3.87	ng/ul#	83
17) Hexachloroethane	9.22	117	13809	4.61	ng/ul	96
20) Nitrobenzene	9.35	77	47693	4.37	ng/ul#	73
21) Isophorone	9.86	82	84606	4.07	ng/ul#	91
23) 2-Nitrophenol	10.07	139	19733	4.69	ng/ul#	58
24) 2,4-Dimethylphenol	10.13	107	42471	4.39	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.36	93	50547	4.40	ng/ul#	89
27) 2,4-Dichlorophenol	10.61	162	33971	4.63	ng/ul	90
28) Naphthalene	11.01	128	111248	5.24	ng/ul	95
31) Hexachlorobutadiene	11.29	225	24622	4.17	ng/ul	91
33) 4-Chloro-3-methylphenol	12.25	107	45389	4.71	ng/ul#	77
34) 2-Methylnaphthalene	12.62	142	88490	5.04	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	49090	4.57	ng/ul	95
38) 2,4,6-Trichlorophenol	13.23	196	31407	4.23	ng/ul	93
39) 2,4,5-Trichlorophenol	13.31	196	36057	4.75	ng/ul	89
40) 1,1'-Biphenyl	13.62	154	122997	5.10	ng/ul#	96
41) 2-Chloronaphthalene	13.66	162	97779	5.03	ng/ul	97
42) 2-Nitroaniline	13.87	65	33115	3.83	ng/ul#	64
44) Dimethylphthalate	14.23	163	136690	5.04	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	26554	4.52	ng/ul#	82
47) Acenaphthylene	14.51	152	164390	5.34	ng/ul	96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023449.D
 Acq On : 4 Aug 2016 13:08
 Operator : UM/SJ
 Sample : SST00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00501

Manual Integrations
 APPROVED

sohil
 8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:49:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 04 15:22:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.86	153	111633	5.36	ng/ul	96
53) Dibenzofuran	15.18	168	172733m	5.63	ng/ul	
54) 2,4-Dinitrotoluene	15.15	165	40900	4.57	ng/ul#	59
55) 2,3,4,6-Tetrachlorophenol	15.42	232	37091	4.84	ng/ul#	95
56) Diethylphthalate	15.59	149	145916	5.06	ng/ul	100
58) Fluorene	15.84	166	143496	5.67	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.83	204	70344	5.07	ng/ul	93
64) N-Nitrosodiphenylamine	16.04	169	126251	4.85	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	51085	4.93	ng/ul	87
66) Hexachlorobenzene	16.85	284	56120	5.29	ng/ul	97
69) Phenanthrene	17.59	178	254515	5.49	ng/ul	98
71) Anthracene	17.68	178	264020	5.43	ng/ul	96
73) Di-n-butylphthalate	18.50	149	258895	4.88	ng/ul#	97
77) Pyrene	19.97	202	323348	5.89	ng/ul#	91
78) Butylbenzylphthalate	20.84	149	104076	4.37	ng/ul	93
80) Benzo(a)anthracene	21.84	228	270152	5.04	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	134738	4.14	ng/ul	96
82) Chrysene	21.91	228	248646	5.11	ng/ul	99
85) Benzo(b)fluoranthene	24.16	252	247789	4.64	ng/ul#	95
86) Benzo(k)fluoranthene	24.23	252	254963	5.04	ng/ul#	92
88) Benzo(a)pyrene	25.08	252	241719	4.75	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.11	276	278084m	4.85	ng/ul	
90) Dibenzo(a,h)anthracene	29.17	278	237601m	5.03	ng/ul	
91) Benzo(g,h,i)perylene	30.32	276	233340m	4.93	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023449.D
Acq On : 4 Aug 2016 13:08
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
APPROVED

sohil
8/5/2016 6:59:51 PM

Quant Time: Aug 04 15:49:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:22:34 2016
Response via : Initial Calibration

