

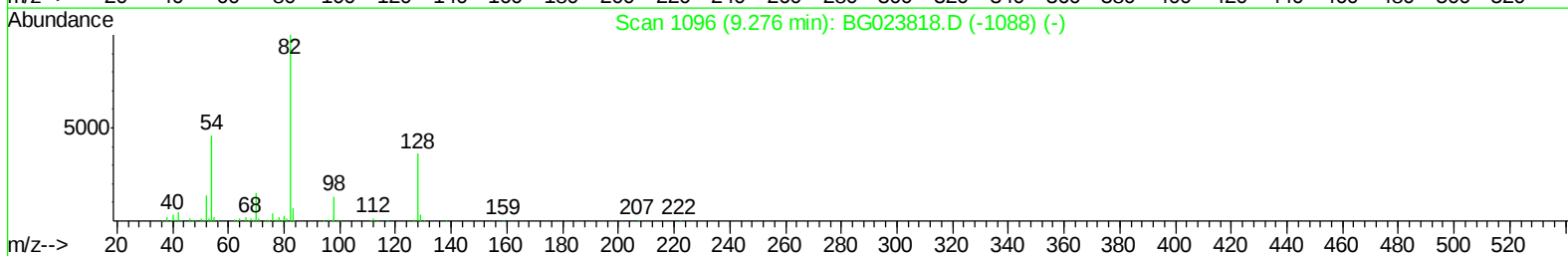
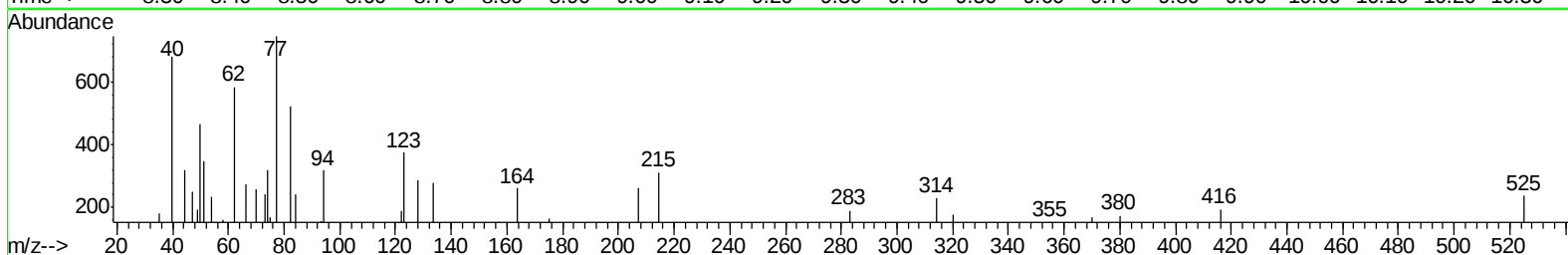
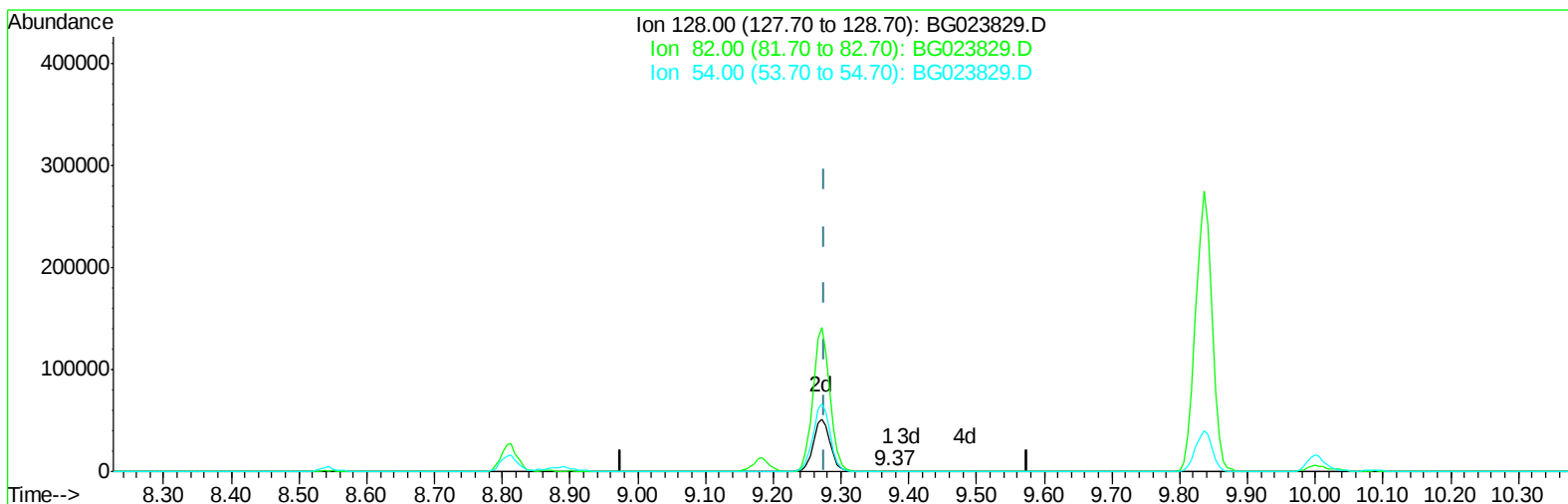
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

(19) Nitrobenzene-d5 (S)

9.371min (+0.096) 0.05ng/ul

response 201

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	181.60
54.00	78.50	80.56
0.00	0.00	0.00

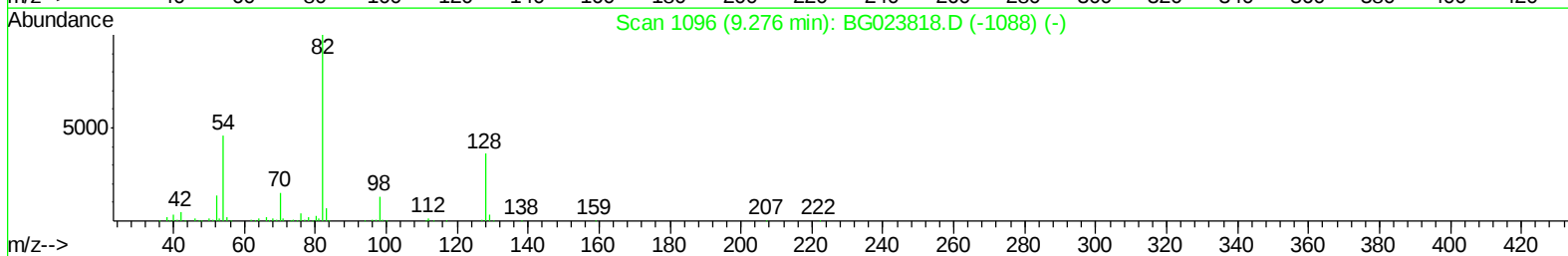
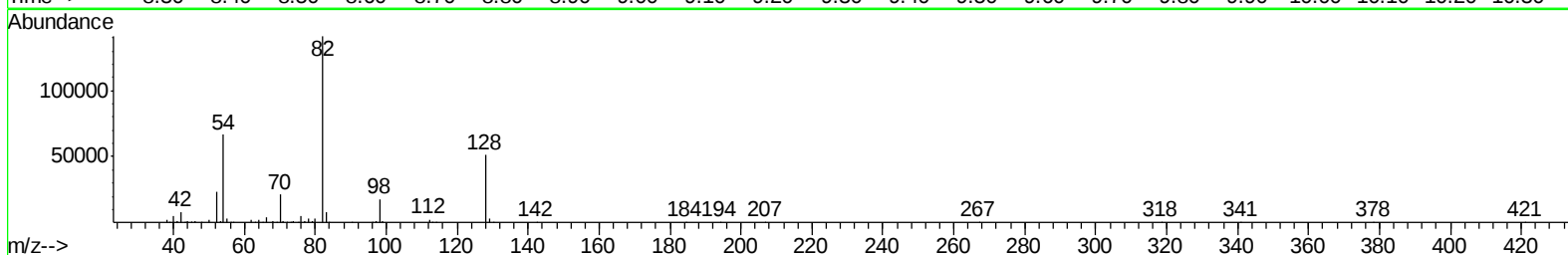
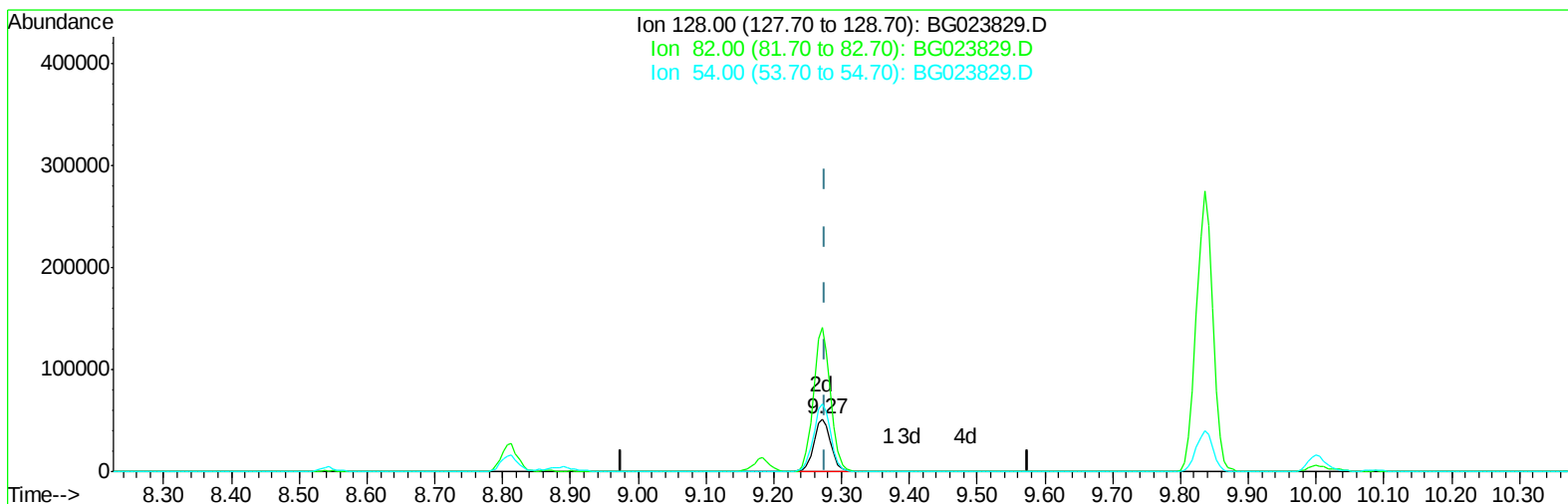
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

(19) Nitrobenzene-d5 (S)

9.272min (-0.004) 20.85ng/ul m

response 90882

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	275.27#
54.00	78.50	129.67#
0.00	0.00	0.00

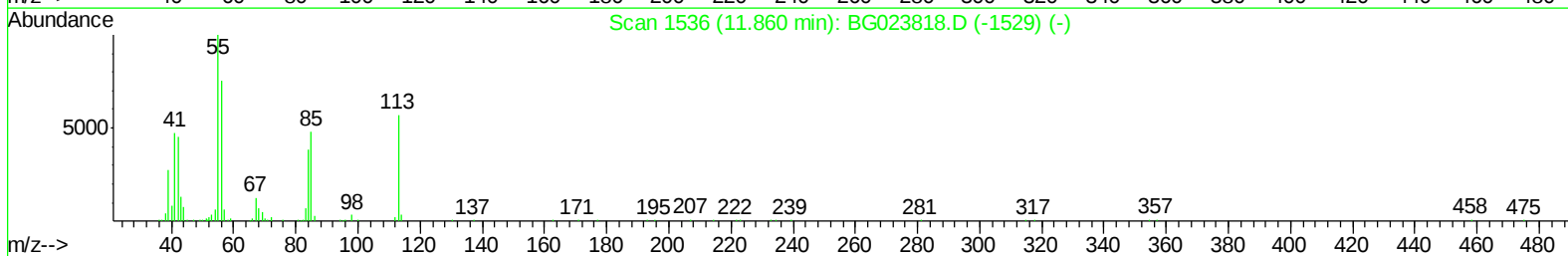
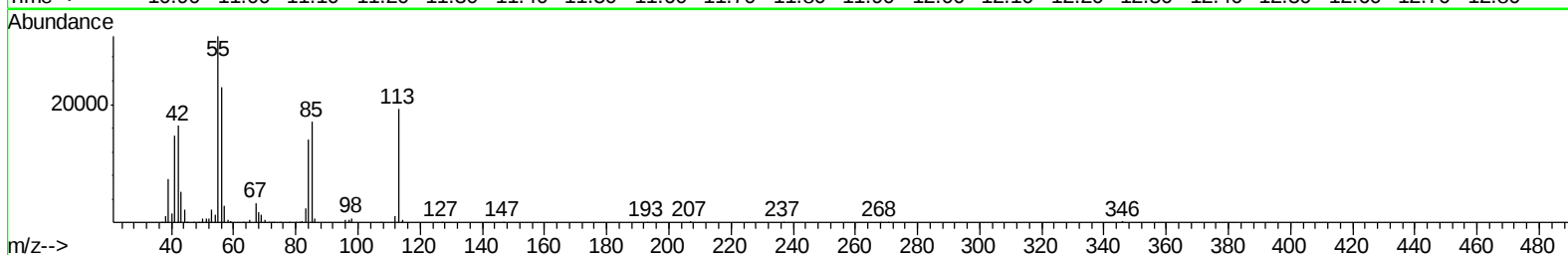
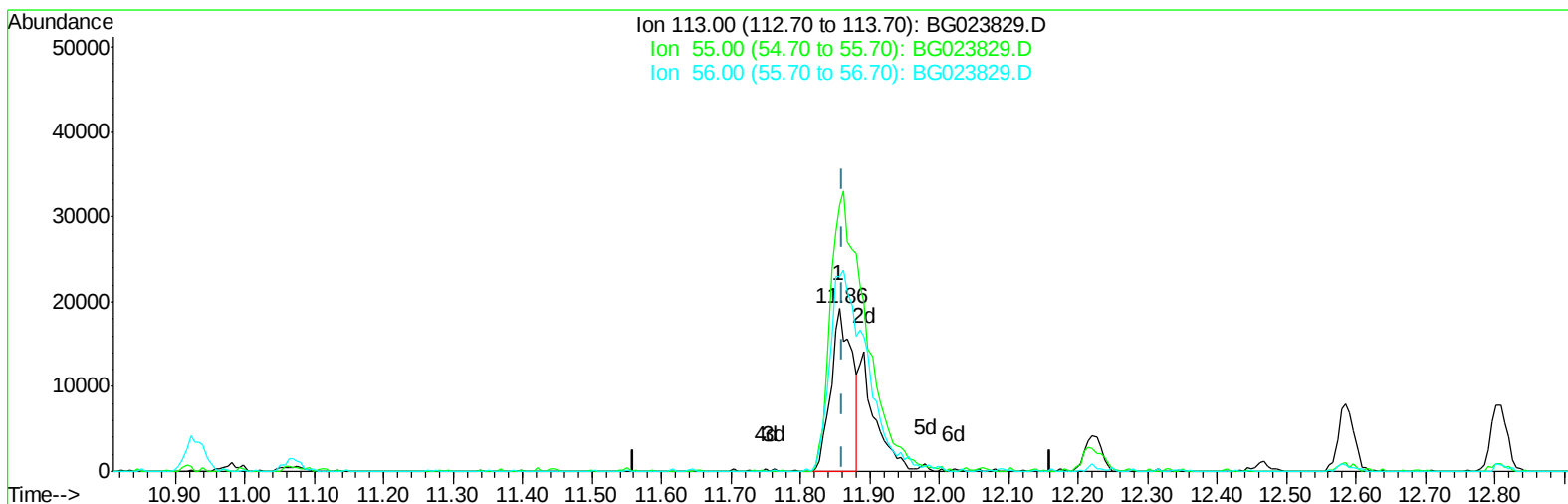
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

(32) Caprolactam

11.856min (-0.004) 11.59ng/ul

response 40494

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	164.05#
56.00	83.00	119.85#
0.00	0.00	0.00

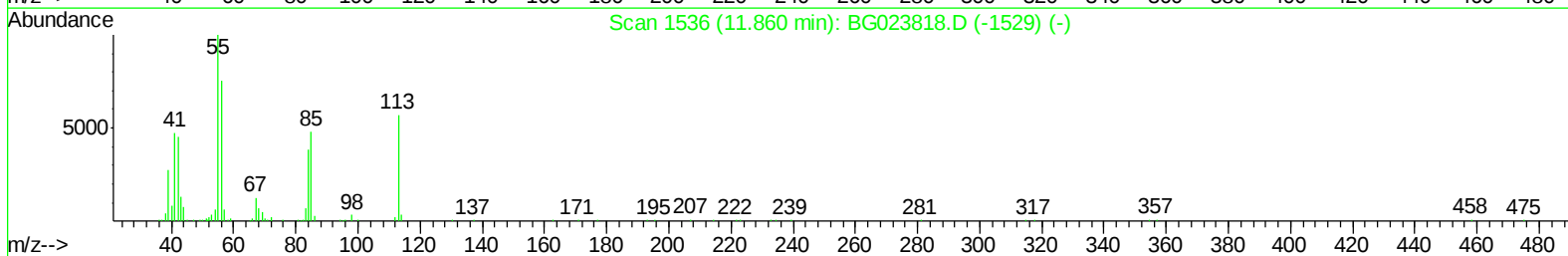
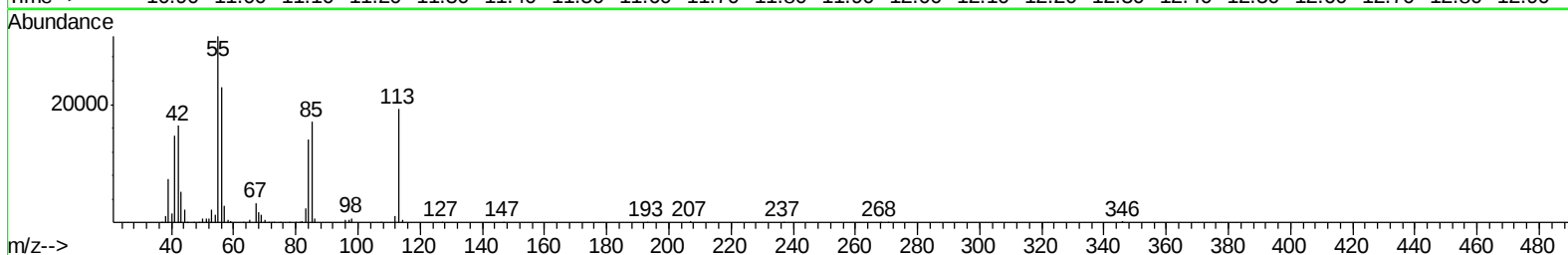
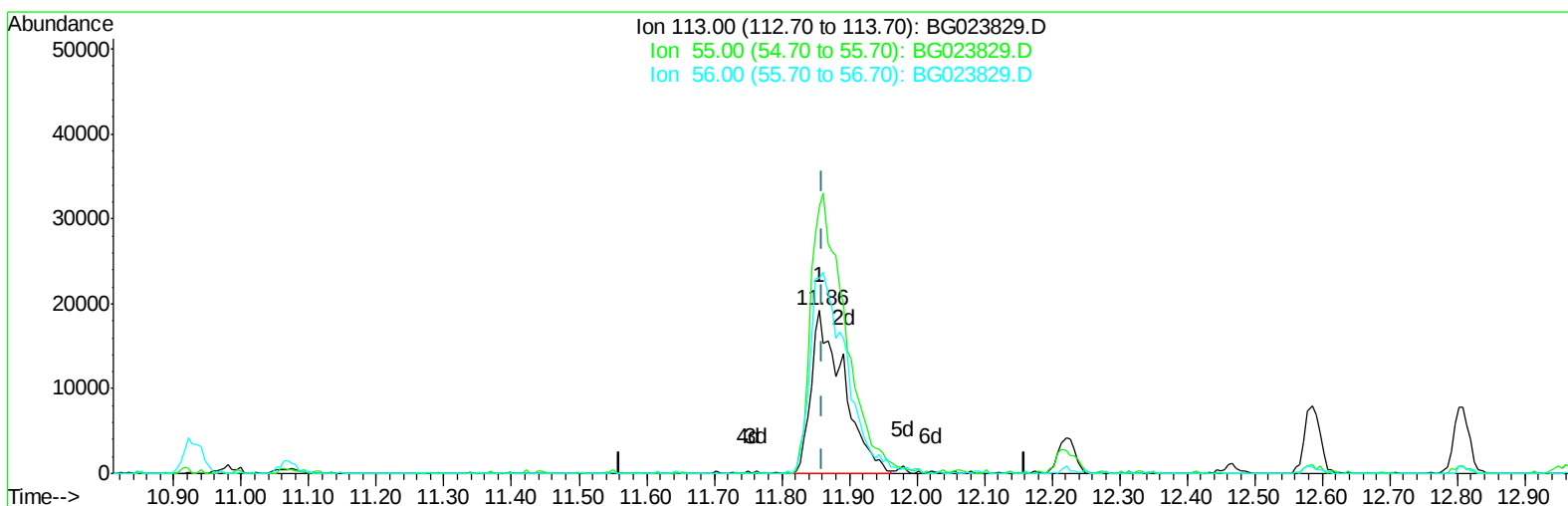
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

(32) Caprolactam

11.856min (-0.004) 18.30ng/ul m

response 63932

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	164.05#
56.00	83.00	119.85#
0.00	0.00	0.00

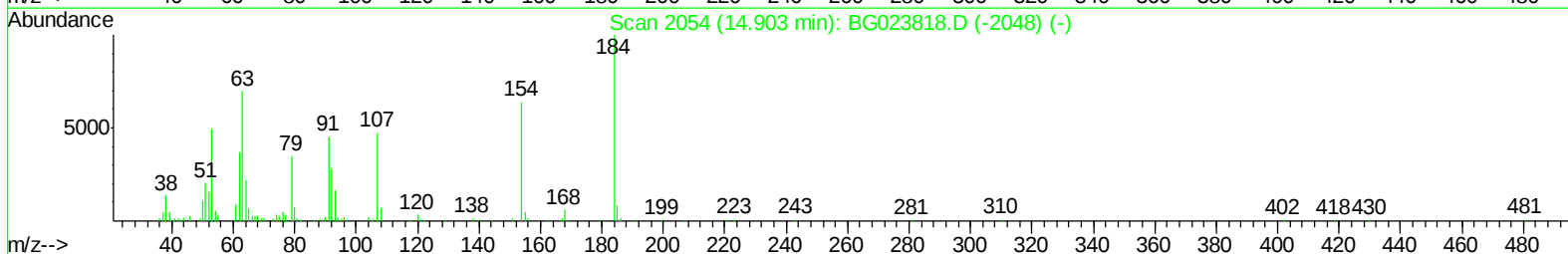
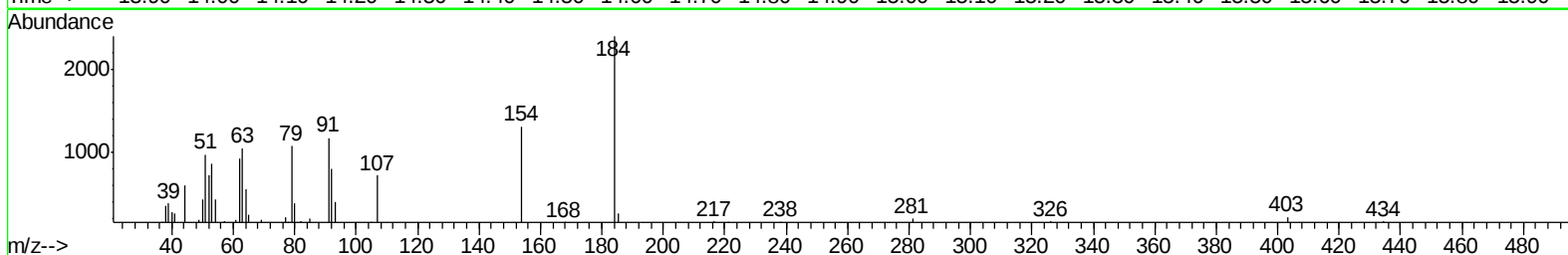
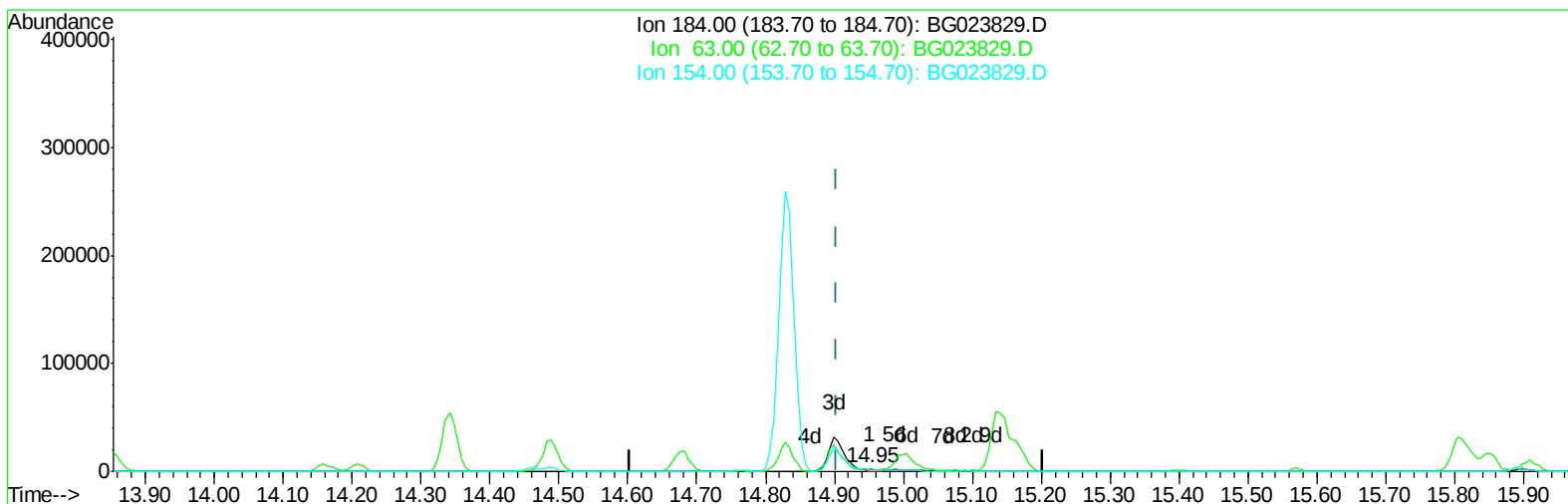
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

(50) 2,4-Dinitrophenol

14.952min (+0.049) 0.73ng/ul

response 2291

Ion	Exp%	Act%
184.00	100	100
63.00	50.60	43.75
154.00	60.60	54.63
0.00	0.00	0.00

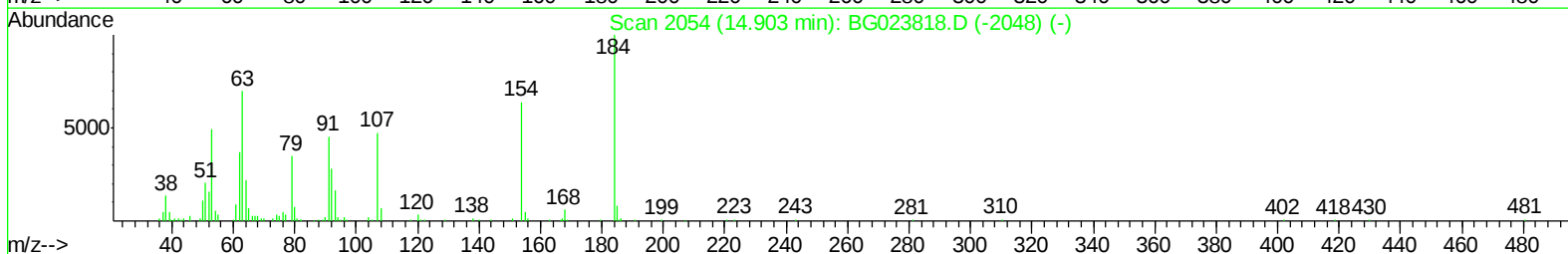
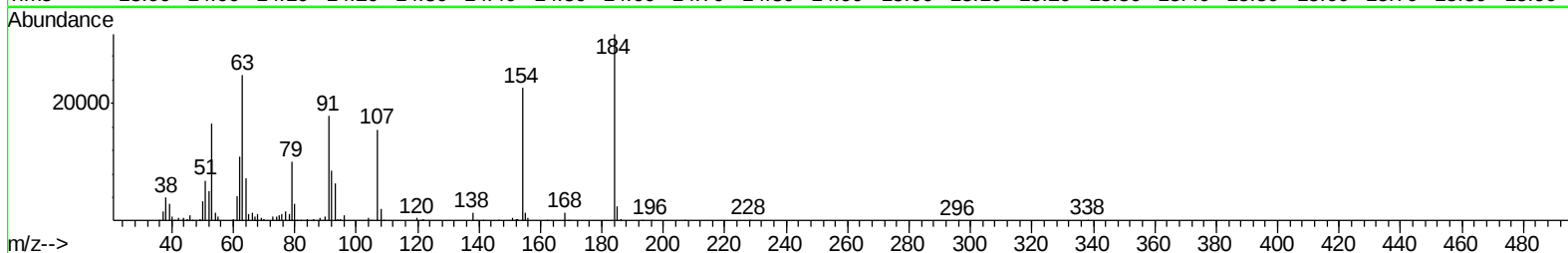
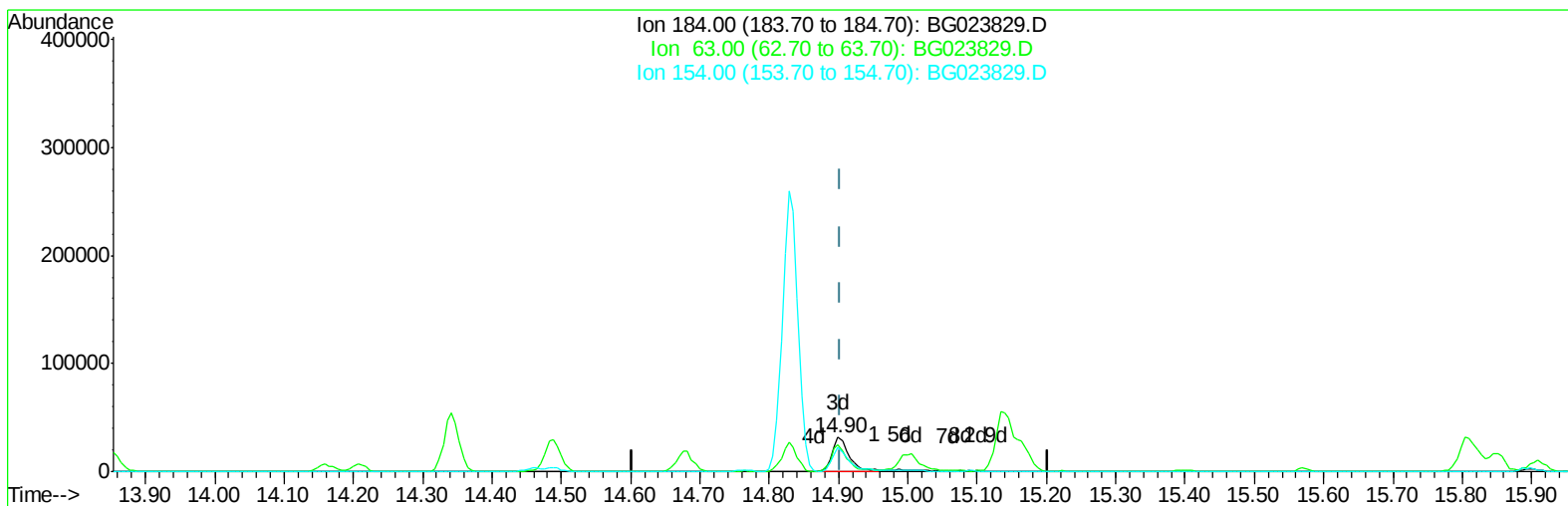
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

(50) 2,4-Dinitrophenol

14.899min (-0.004) 17.01ng/ul m

response 53707

Ion	Exp%	Act%
184.00	100	100
63.00	50.60	78.00#
154.00	60.60	71.28
0.00	0.00	0.00

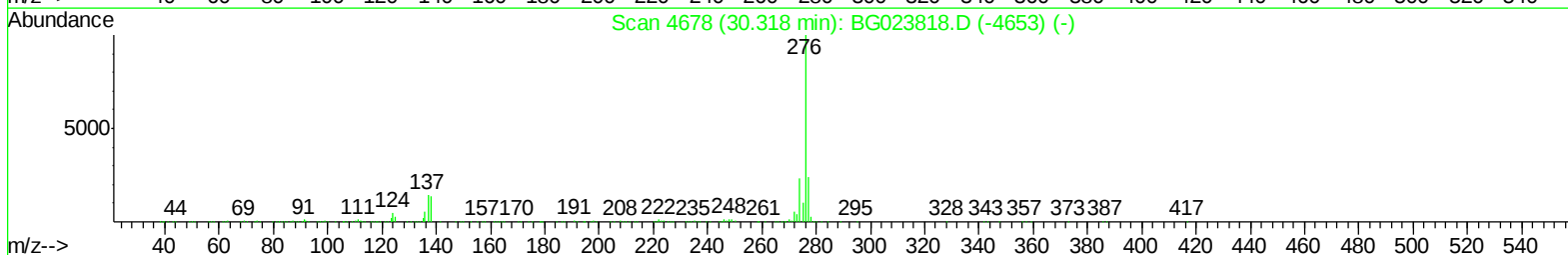
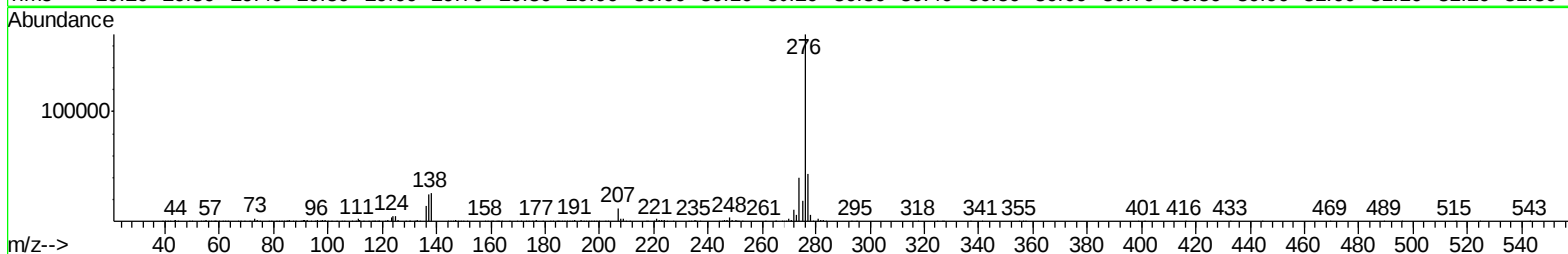
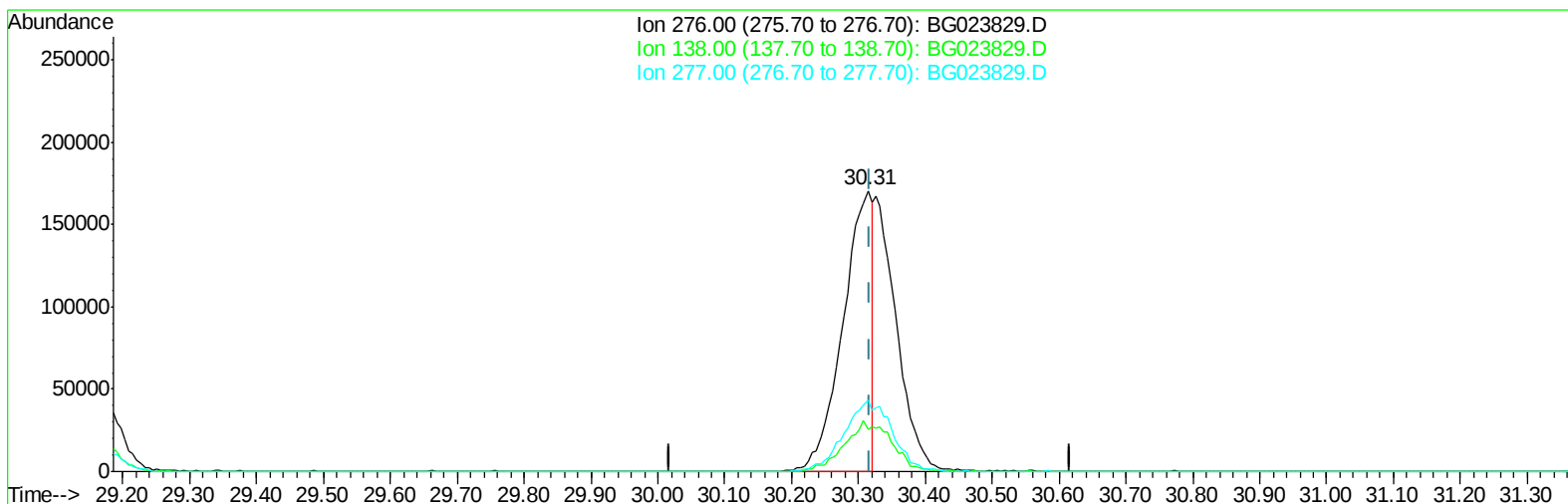
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

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

30.314min (-0.004) 11.55ng/ul

response 515150

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	15.18#
277.00	21.20	25.67#
0.00	0.00	0.00

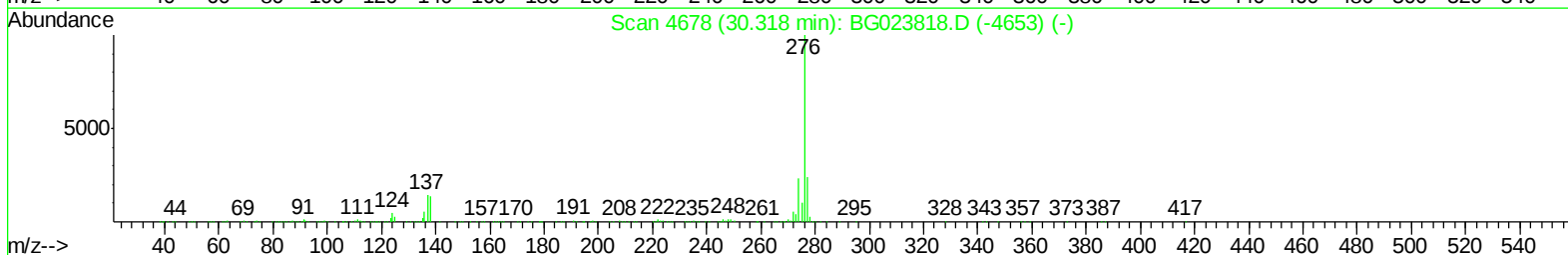
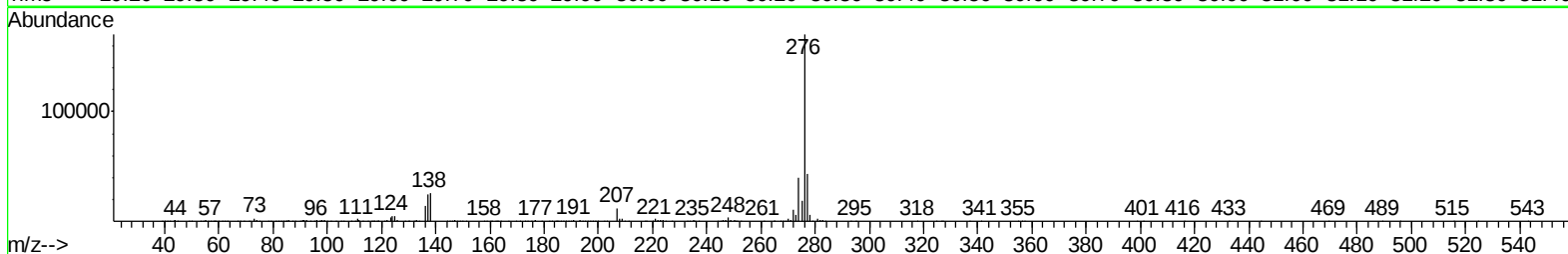
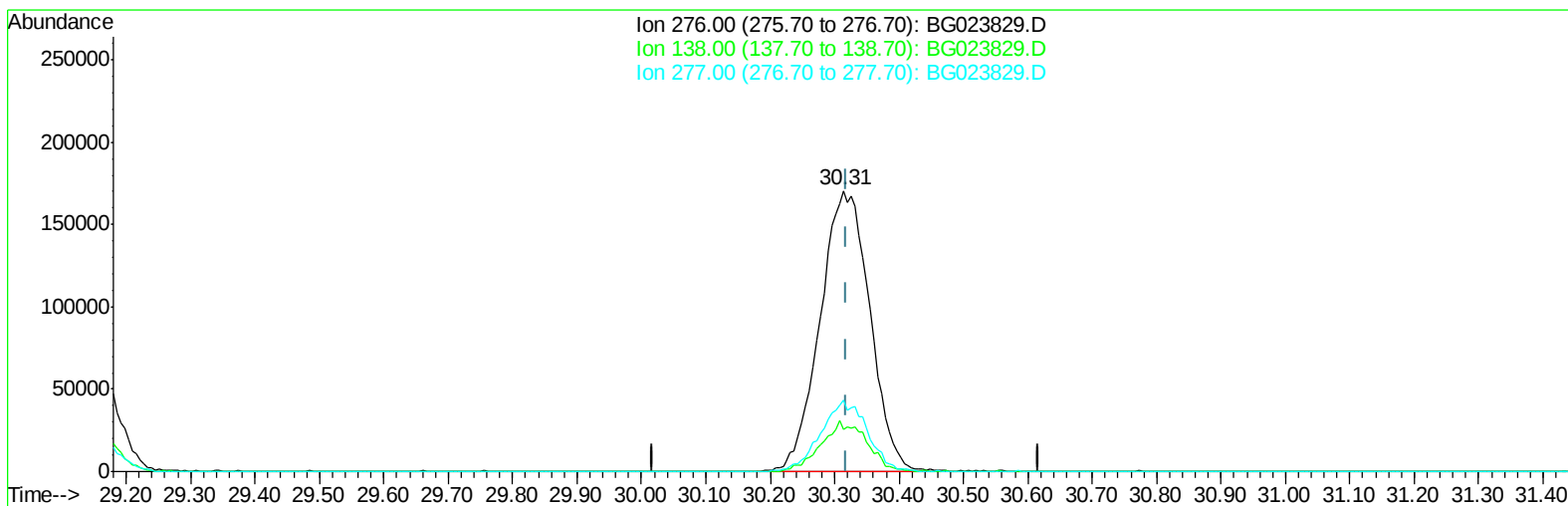
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 04:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration



TIC: BG023829.D

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

30.314min (-0.004) 20.31ng/ul m

response 906037

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	15.18#
277.00	21.20	25.67#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
 Data File : BG023829.D
 Acq On : 20 Aug 2016 22:50
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

Manual Integrations
 APPROVED

sohil
 8/22/2016 3:55:20 PM

Quant Time: Aug 22 05:36:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 04:56:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	128272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	539444	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	336167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	776338	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	830582	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	822212	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	22424	7.94	ng/uL	0.00
5) Phenol-d5	7.25	99	244661	20.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	166092	20.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	176567	20.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	181173	19.26	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	90882m	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	100821	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	189754	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	235774	21.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	545141	19.56	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	655381	20.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	86425	19.19	ng/ul	0.00
57) Fluorene-d10	15.76	176	495021	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	95767	19.46	ng/ul	0.00
70) Anthracene-d10	17.63	188	734937	20.53	ng/ul	0.00
76) Pyrene-d10	19.92	212	848880	21.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	783841	20.82	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.50	88	25609	8.64 ng/uL#	76
4) Benzaldehyde	7.22	77	171171	22.06 ng/ul	82
6) Phenol	7.28	94	254173	20.63 ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.50	93	192037	20.43 ng/ul#	82
10) 2-Chlorophenol	7.66	128	182186	20.92 ng/ul#	86
11) 2-Methylphenol	8.54	108	186591	19.91 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.63	45	265929	19.78 ng/ul	99
14) Acetophenone	8.92	105	304758	19.93 ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.90	70	181553	19.17 ng/ul#	83
16) 4-Methylphenol	8.87	108	203919	20.01 ng/ul	99
17) Hexachloroethane	9.18	117	79688	20.73 ng/ul	91
20) Nitrobenzene	9.31	77	263149	20.63 ng/ul#	81
21) Isophorone	9.84	82	463469	19.64 ng/ul#	90
23) 2-Nitrophenol	10.04	139	107779	20.14 ng/ul#	56
24) 2,4-Dimethylphenol	10.09	107	233273	20.19 ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.32	93	261803	19.73 ng/ul#	96
27) 2,4-Dichlorophenol	10.58	162	183853	20.50 ng/ul	93
28) Naphthalene	10.98	128	562829	20.40 ng/ul	98
30) 4-Chloroaniline	11.09	127	227264	21.08 ng/ul	100
31) Hexachlorobutadiene	11.26	225	138427	21.46 ng/ul	93
32) Caprolactam	11.86	113	63932m	18.30 ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	217374	19.61 ng/ul#	82
34) 2-Methylnaphthalene	12.58	142	421260	20.04 ng/ul	90

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
 Data File : BG023829.D
 Acq On : 20 Aug 2016 22:50
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02018

Manual Integrations
 APPROVED

sohil
 8/22/2016 3:55:20 PM

Quant Time: Aug 22 05:36:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 04:56:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.95	216	240609	21.54	ng/ul	98
37) Hexachlorocyclopentadiene	12.93	237	73718	15.11	ng/ul	99
38) 2,4,6-Trichlorophenol	13.20	196	147035	20.02	ng/ul	99
39) 2,4,5-Trichlorophenol	13.28	196	151801	19.99	ng/ul	95
40) 1,1'-Biphenyl	13.59	154	544863	20.72	ng/ul	99
41) 2-Chloronaphthalene	13.64	162	421391	21.08	ng/ul	99
42) 2-Nitroaniline	13.85	65	166355	20.06	ng/ul#	61
44) Dimethylphthalate	14.21	163	540502	19.39	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	118000	19.83	ng/ul#	86
47) Acenaphthylene	14.49	152	691757	21.04	ng/ul	98
48) 3-Nitroaniline	14.68	138	116628	20.81	ng/ul#	60
49) Acenaphthene	14.83	153	454964	20.66	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	53707m	17.01	ng/ul	
52) 4-Nitrophenol	15.01	109	85491	18.90	ng/ul#	69
53) Dibenzofuran	15.16	168	660716	20.64	ng/ul#	88
54) 2,4-Dinitrotoluene	15.14	165	172422	19.83	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.40	232	142783	20.39	ng/ul#	96
56) Diethylphthalate	15.57	149	564026	19.81	ng/ul	95
58) Fluorene	15.82	166	523455	20.18	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	263546	20.11	ng/ul	94
60) 4-Nitroaniline	15.85	138	120744	19.40	ng/ul#	58
63) 4,6-Dinitro-2-methylphenol	15.91	198	100449	19.55	ng/ul#	79
64) N-Nitrosodiphenylamine	16.02	169	465291	20.24	ng/ul	95
65) 4-Bromophenyl-phenylether	16.70	248	185786	20.78	ng/ul	99
66) Hexachlorobenzene	16.83	284	193972	20.14	ng/ul	95
67) Atrazine	16.97	200	189638	20.14	ng/ul#	93
68) Pentachlorophenol	17.18	266	80654	19.32	ng/ul	96
69) Phenanthrene	17.57	178	850256	20.69	ng/ul	98
71) Anthracene	17.67	178	877425	20.76	ng/ul	99
72) Carbazole	17.94	167	768337	22.28	ng/ul	98
73) Di-n-butylphthalate	18.48	149	936323	20.07	ng/ul#	96
74) Fluoranthene	19.59	202	1008878	23.05	ng/ul#	92
77) Pyrene	19.95	202	1023882	20.86	ng/ul#	91
78) Butylbenzylphthalate	20.82	149	438857	19.77	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.74	252	351880	21.32	ng/ul#	98
80) Benzo(a)anthracene	21.83	228	989570	20.61	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.70	149	599896	20.09	ng/ul#	98
82) Chrysene	21.90	228	894105	20.69	ng/ul	96
84) Di-n-octyl phthalate	22.96	149	1016807	21.52	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	981389	20.53	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	935444	20.26	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	949214	20.69	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.11	276	1091868	20.24	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.16	278	936188	20.24	ng/ul#	90
91) Benzo(g,h,i)perylene	30.31	276	906037m	20.31	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023829.D
Acq On : 20 Aug 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations
APPROVED

sohil
8/22/2016 3:55:20 PM

Quant Time: Aug 22 05:36:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 22 04:56:05 2016
Response via : Initial Calibration

