

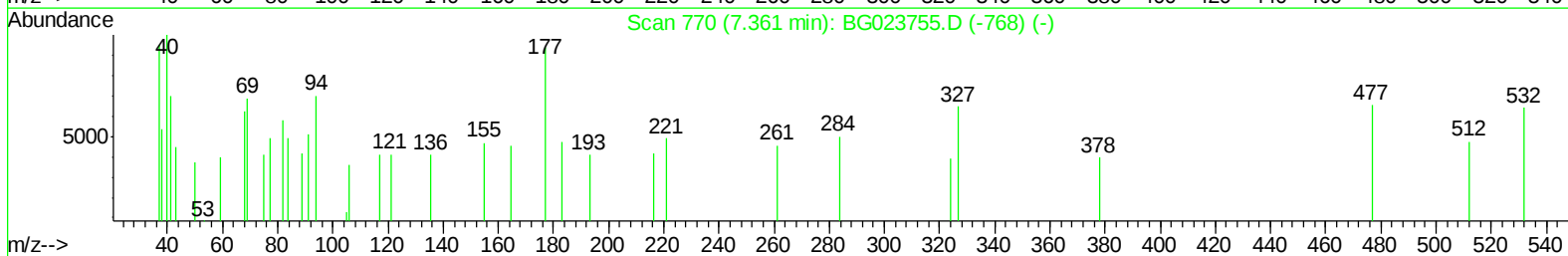
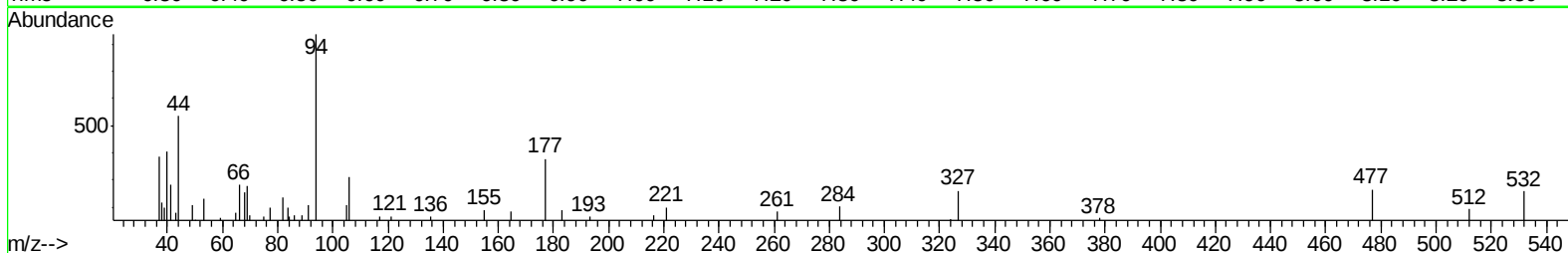
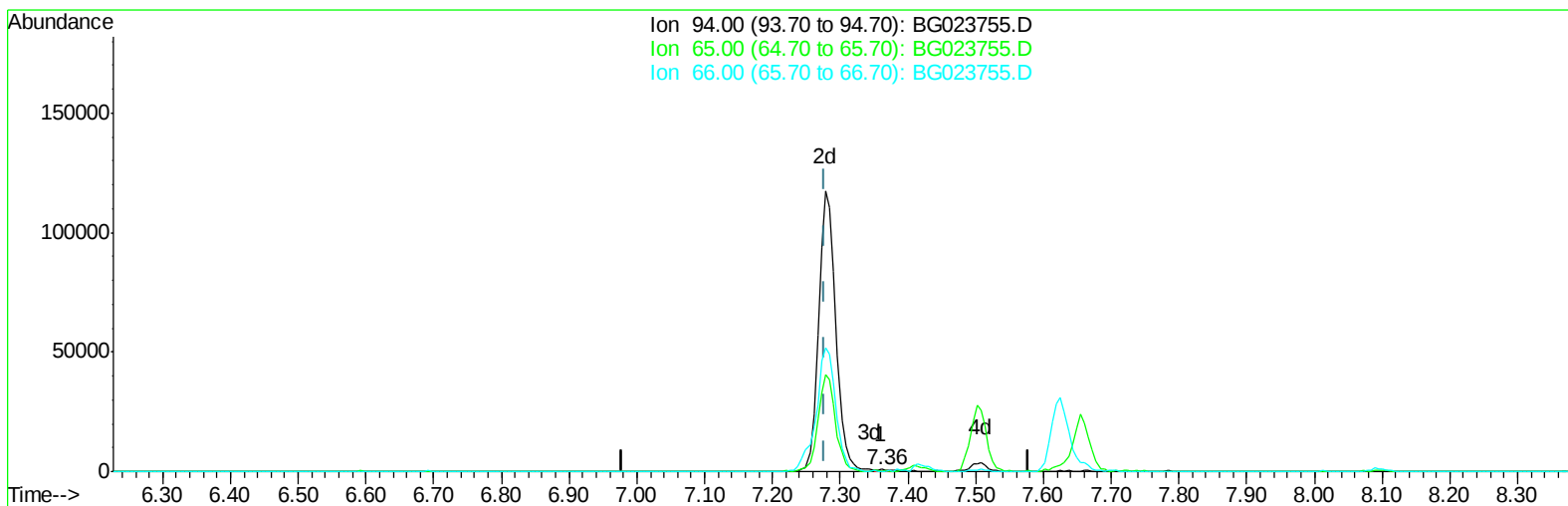
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023755.D
Acq On : 18 Aug 2016 12:15
Operator : UM/SJ
Sample : SSTD02008
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations
APPROVED

sohil
8/19/2016 6:35:25 PM

Quant Time: Aug 18 13:18:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 13:11:51 2016
Response via : Initial Calibration



TIC: BG023755.D

(6) Phenol

7.361min (+0.082) 0.09ng/ul

response 1020

Ion	Exp%	Act%
94.00	100	100
65.00	21.00	21.68
66.00	28.20	33.77
0.00	0.00	0.00

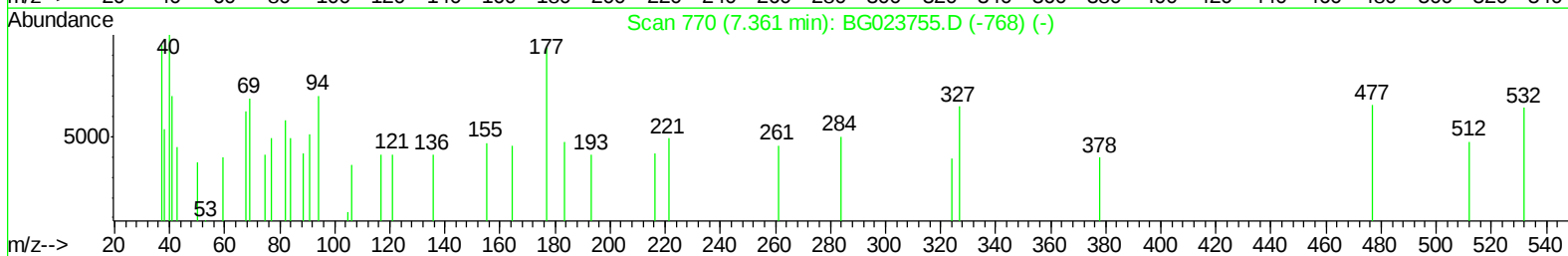
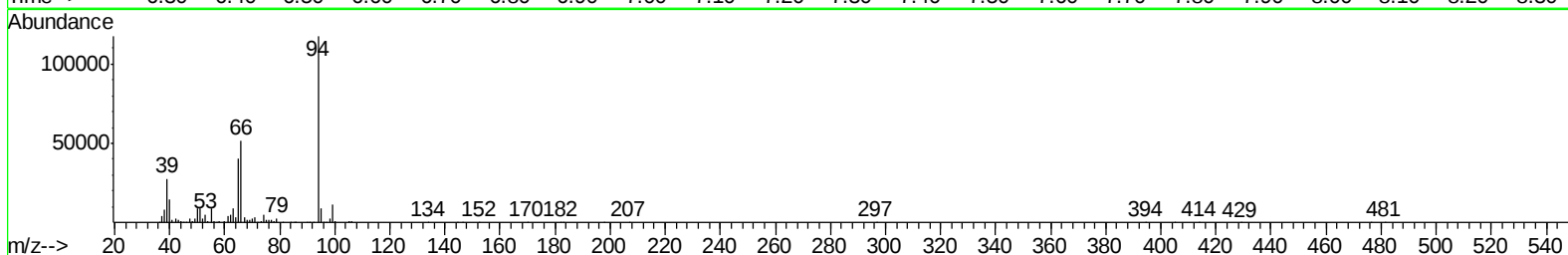
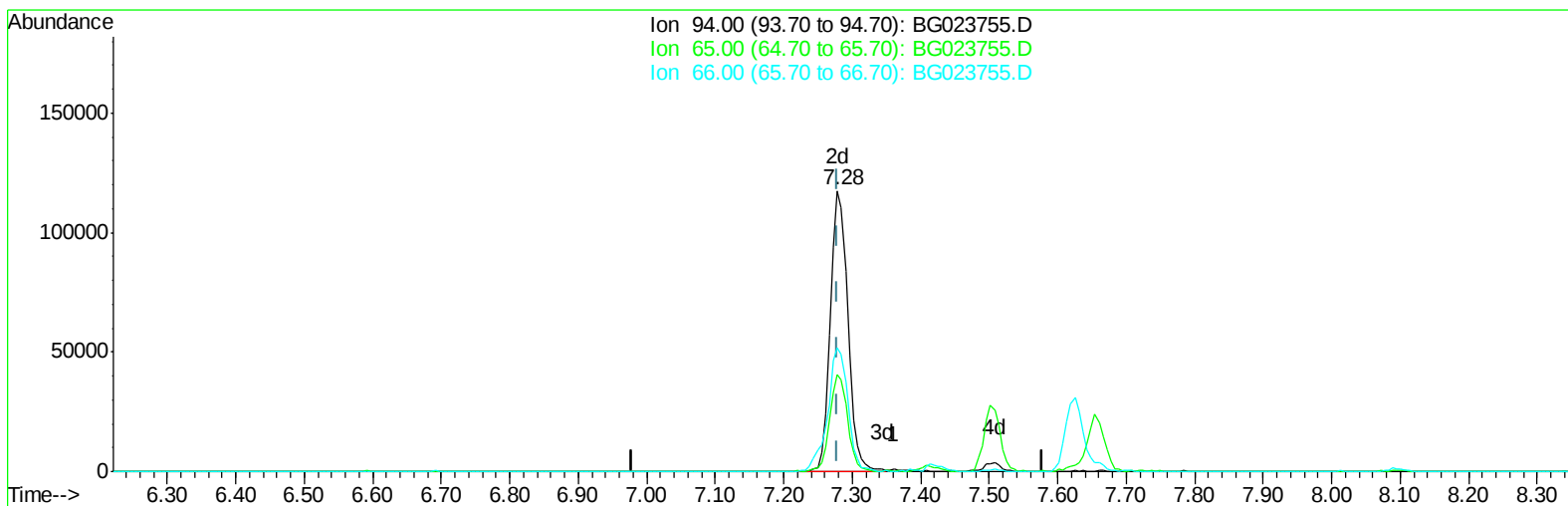
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023755.D
Acq On : 18 Aug 2016 12:15
Operator : UM/SJ
Sample : SSTD02008
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations
APPROVED

sohil
8/19/2016 6:35:25 PM

Quant Time: Aug 18 13:18:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 13:11:51 2016
Response via : Initial Calibration



TIC: BG023755.D

(6) Phenol

7.279min (0.000) 19.15ng/ul m

response 208729

Ion	Exp%	Act%
94.00	100	100
65.00	21.00	34.41#
66.00	28.20	44.17#
0.00	0.00	0.00

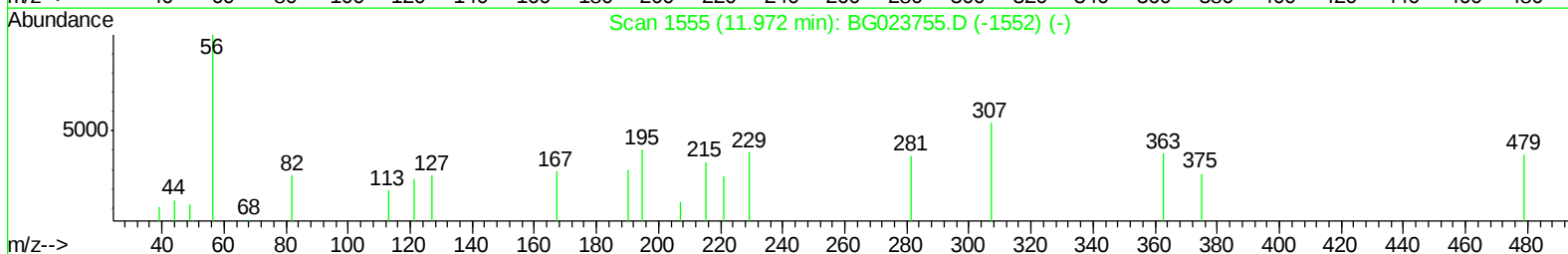
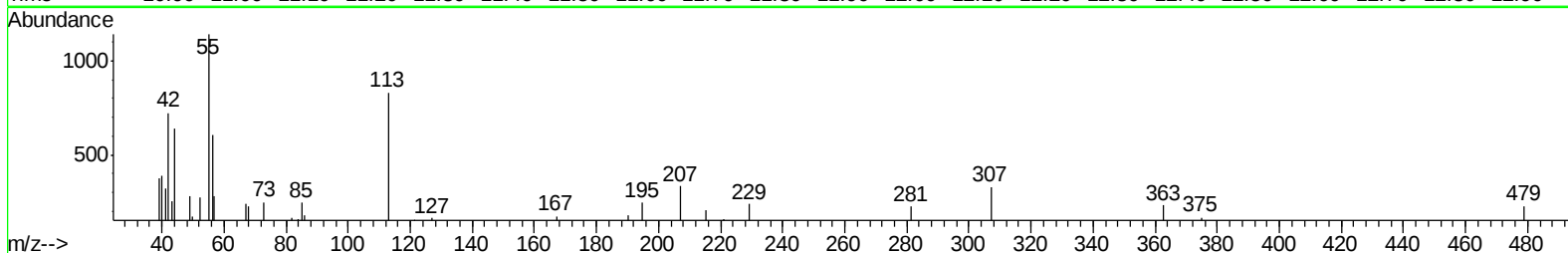
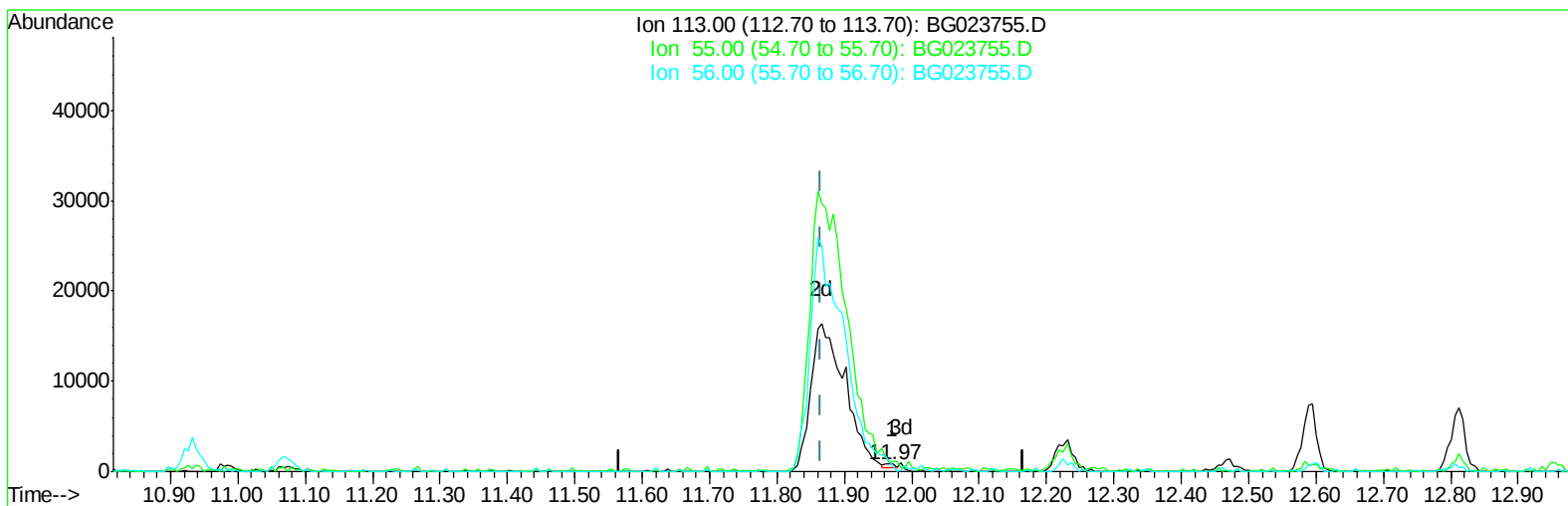
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023755.D
Acq On : 18 Aug 2016 12:15
Operator : UM/SJ
Sample : SSTD02008
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations
APPROVED

sohil
8/19/2016 6:35:25 PM

Quant Time: Aug 18 13:21:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 13:11:51 2016
Response via : Initial Calibration



TIC: BG023755.D

(32) Caprolactam

11.972min (+0.106) 0.15ng/ul

response 478

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	137.47
56.00	83.00	73.01
0.00	0.00	0.00

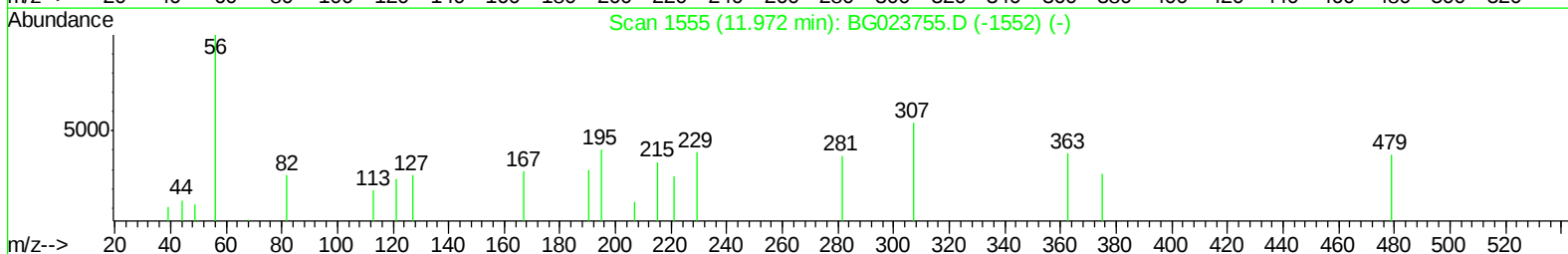
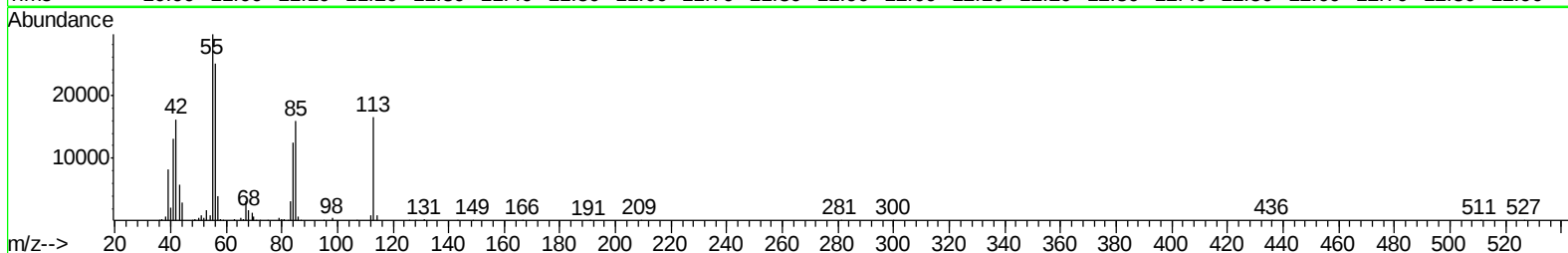
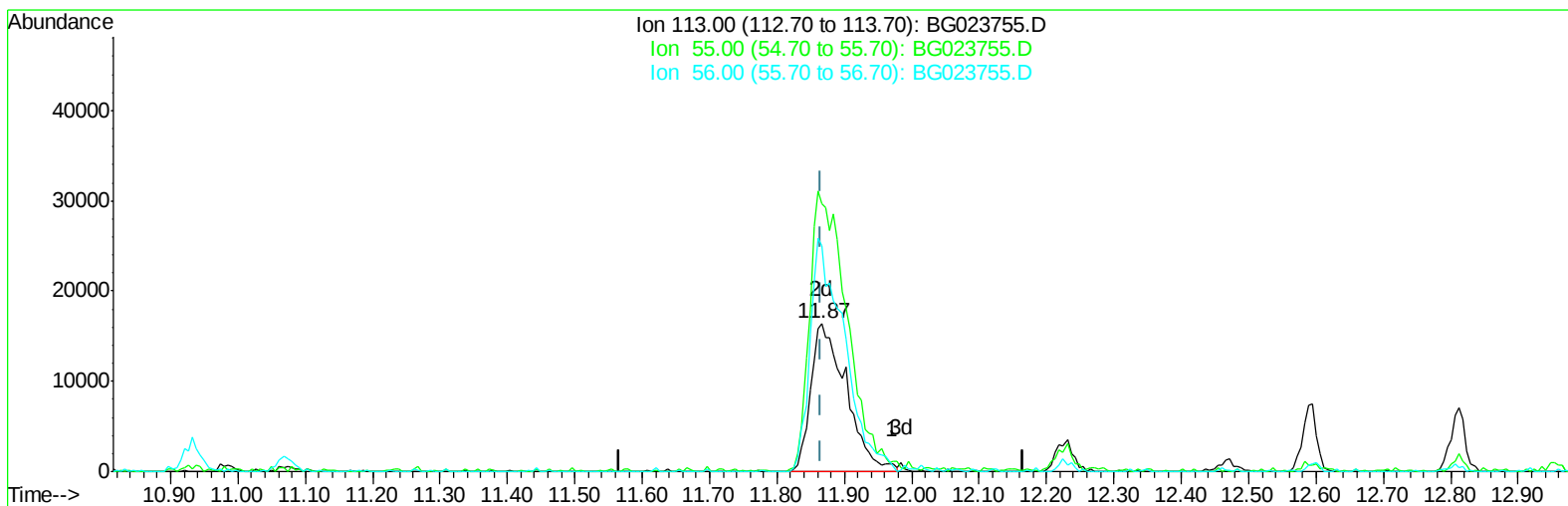
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023755.D
Acq On : 18 Aug 2016 12:15
Operator : UM/SJ
Sample : SSTD02008
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations
APPROVED

sohil
8/19/2016 6:35:25 PM

Quant Time: Aug 18 13:21:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 13:11:51 2016
Response via : Initial Calibration



TIC: BG023755.D

(32) Caprolactam

11.867min (0.000) 18.32ng/ul m

response 60317

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	180.48#
56.00	83.00	152.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023755.D
 Acq On : 18 Aug 2016 12:15
 Operator : UM/SJ
 Sample : SSTD02008
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

Manual Integrations
 APPROVED

sohil
 8/19/2016 6:35:25 PM

Quant Time: Aug 18 13:23:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 13:11:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	103918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	460412	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	310049	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	724706	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	793619	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	753599	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	18285	7.48	ng/uL	0.00
5) Phenol-d5	7.26	99	204351	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	141167	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	142082	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	157928	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	75439	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	89307	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	157964	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	203113	22.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	528120	20.80	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	600158	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	82365	19.01	ng/ul	0.00
57) Fluorene-d10	15.77	176	457371	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	92341	19.86	ng/ul	0.00
70) Anthracene-d10	17.64	188	707240	21.66	ng/ul	0.00
76) Pyrene-d10	19.93	212	800955	19.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	704624	20.66	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.50	88	20689	8.07	ng/uL# 65
4) Benzaldehyde	7.23	77	143352	22.47	ng/ul 85
6) Phenol	7.28	94	208729m	19.15	ng/ul
8) Bis(2-Chloroethyl)ether	7.51	93	160029	20.22	ng/ul 91
10) 2-Chlorophenol	7.65	128	146925	20.20	ng/ul# 85
11) 2-Methylphenol	8.54	108	157672	19.21	ng/ul 87
12) 2,2'-oxybis(1-Chloropropan	8.63	45	233104	21.53	ng/ul 96
14) Acetophenone	8.93	105	260922	19.91	ng/ul# 78
15) N-Nitroso-di-n-propylamine	8.91	70	159806	20.26	ng/ul# 82
16) 4-Methylphenol	8.88	108	171969	18.69	ng/ul 95
17) Hexachloroethane	9.19	117	64473	20.54	ng/ul# 76
20) Nitrobenzene	9.32	77	217761	20.47	ng/ul# 86
21) Isophorone	9.84	82	409795	20.94	ng/ul 96
23) 2-Nitrophenol	10.04	139	94194	20.93	ng/ul# 65
24) 2,4-Dimethylphenol	10.09	107	204942	20.76	ng/ul 92
25) Bis(2-Chloroethoxy)methane	10.32	93	232147	20.57	ng/ul 99
27) 2,4-Dichlorophenol	10.58	162	154907	19.54	ng/ul 91
28) Naphthalene	10.99	128	486813	20.83	ng/ul 99
30) 4-Chloroaniline	11.10	127	200510	21.90	ng/ul 97
31) Hexachlorobutadiene	11.26	225	112376	21.28	ng/ul 95
32) Caprolactam	11.87	113	60317m	18.32	ng/ul
33) 4-Chloro-3-methylphenol	12.22	107	196559	19.26	ng/ul# 81
34) 2-Methylnaphthalene	12.59	142	370463	19.55	ng/ul 98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023755.D
 Acq On : 18 Aug 2016 12:15
 Operator : UM/SJ
 Sample : SSTD02008
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

Manual Integrations
 APPROVED

sohil
 8/19/2016 6:35:25 PM

Quant Time: Aug 18 13:23:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 13:11:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	207943	21.84	ng/ul	96
37) Hexachlorocyclopentadiene	12.93	237	76648	14.56	ng/ul	92
38) 2,4,6-Trichlorophenol	13.21	196	135319	20.52	ng/ul	92
39) 2,4,5-Trichlorophenol	13.29	196	143134	20.25	ng/ul	98
40) 1,1'-Biphenyl	13.59	154	498803	21.89	ng/ul	98
41) 2-Chloronaphthalene	13.65	162	378341	21.35	ng/ul	97
42) 2-Nitroaniline	13.85	65	157015	21.71	ng/ul#	64
44) Dimethylphthalate	14.21	163	527538	20.99	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	111000	20.37	ng/ul#	88
47) Acenaphthylene	14.49	152	630952	21.11	ng/ul	99
48) 3-Nitroaniline	14.68	138	107743	21.03	ng/ul#	55
49) Acenaphthene	14.83	153	409903	20.13	ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	50915	15.14	ng/ul#	74
52) 4-Nitrophenol	15.00	109	82701	19.05	ng/ul#	75
53) Dibenzofuran	15.17	168	613239	20.33	ng/ul#	88
54) 2,4-Dinitrotoluene	15.14	165	161674	19.58	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.40	232	133034	18.32	ng/ul	95
56) Diethylphthalate	15.57	149	546177	20.79	ng/ul	98
58) Fluorene	15.83	166	498824	19.85	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	243558	19.27	ng/ul	92
60) 4-Nitroaniline	15.85	138	119449	20.10	ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.91	198	95359	19.54	ng/ul#	86
64) N-Nitrosodiphenylamine	16.03	169	451058	22.27	ng/ul	97
65) 4-Bromophenyl-phenylether	16.71	248	173667	20.90	ng/ul	94
66) Hexachlorobenzene	16.84	284	184947	20.89	ng/ul	99
67) Atrazine	16.98	200	188687	22.56	ng/ul	95
68) Pentachlorophenol	17.19	266	69686	14.27	ng/ul	87
69) Phenanthrene	17.58	178	817100	21.77	ng/ul	99
71) Anthracene	17.67	178	830687	21.69	ng/ul	98
72) Carbazole	17.94	167	747940	24.24	ng/ul	98
73) Di-n-butylphthalate	18.48	149	941076	24.35	ng/ul#	95
74) Fluoranthene	19.59	202	982892	25.58	ng/ul#	93
77) Pyrene	19.95	202	1007037	20.53	ng/ul#	92
78) Butylbenzylphthalate	20.82	149	438445	23.30	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.74	252	348845	24.95	ng/ul#	97
80) Benzo(a)anthracene	21.83	228	958277	21.44	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.70	149	592468	23.68	ng/ul#	99
82) Chrysene	21.89	228	865006	21.29	ng/ul	97
84) Di-n-octyl phthalate	22.96	149	995225	26.15	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	912502	21.29	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	879701	20.85	ng/ul#	90
88) Benzo(a)pyrene	25.07	252	872348	21.08	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.12	276	1020395	20.98	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.18	278	875028	21.10	ng/ul#	90
91) Benzo(g,h,i)perylene	30.34	276	841128	20.86	ng/ul#	85

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

