

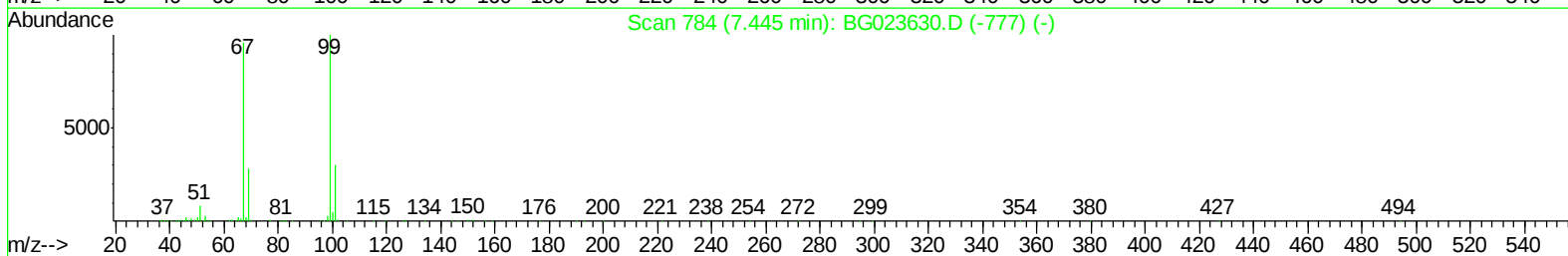
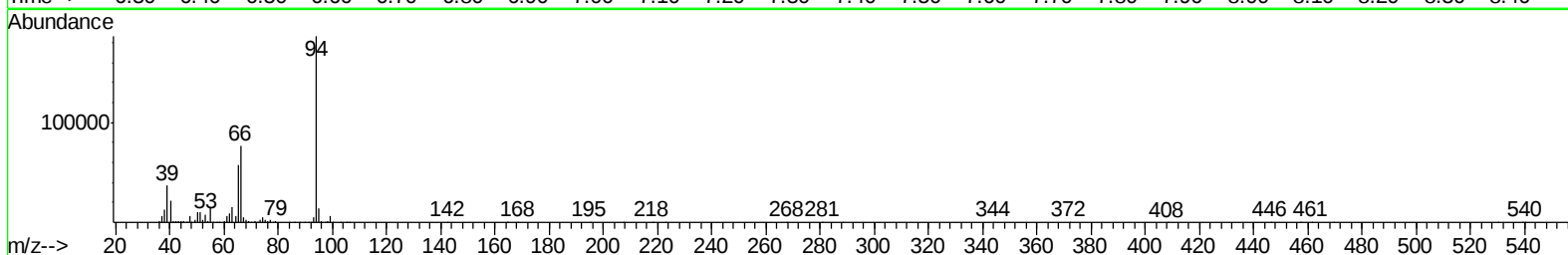
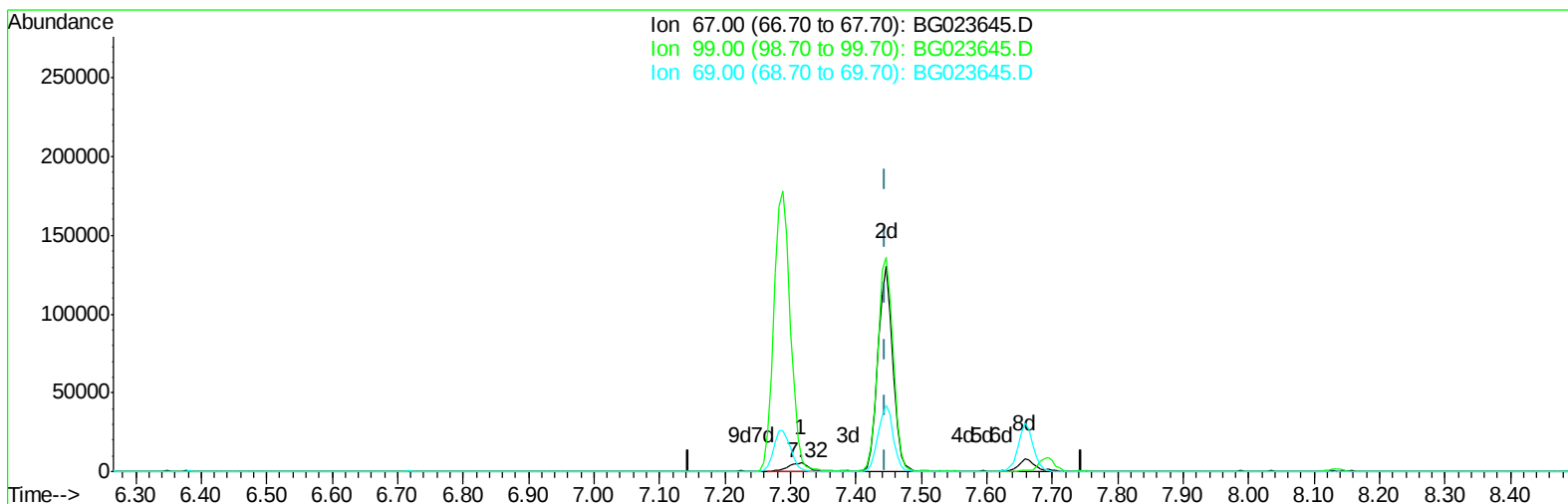
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023645.D
Acq On : 12 Aug 2016 6:42
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02028

Manual Integrations
APPROVED

sohil
8/12/2016 5:56:45 PM

Quant Time: Aug 12 07:25:20 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: BG023645.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.317min (-0.128) 1.19ng/ul

response 12431

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	130.75
69.00	34.00	30.62
0.00	0.00	0.00

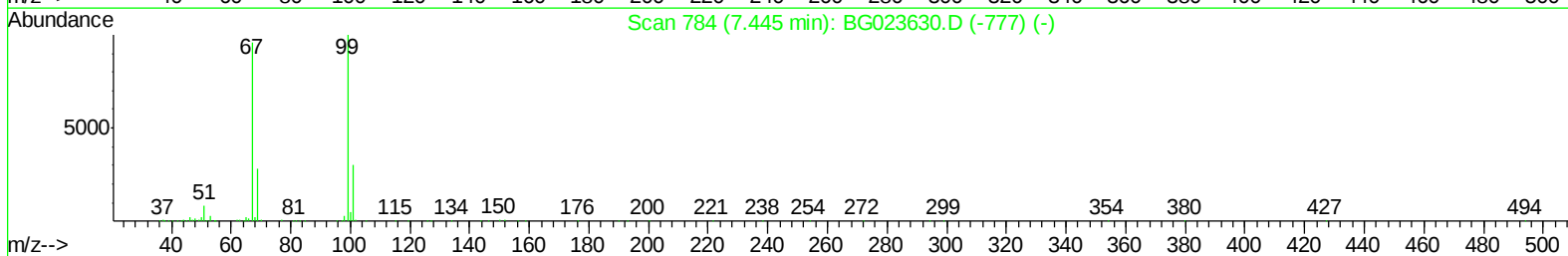
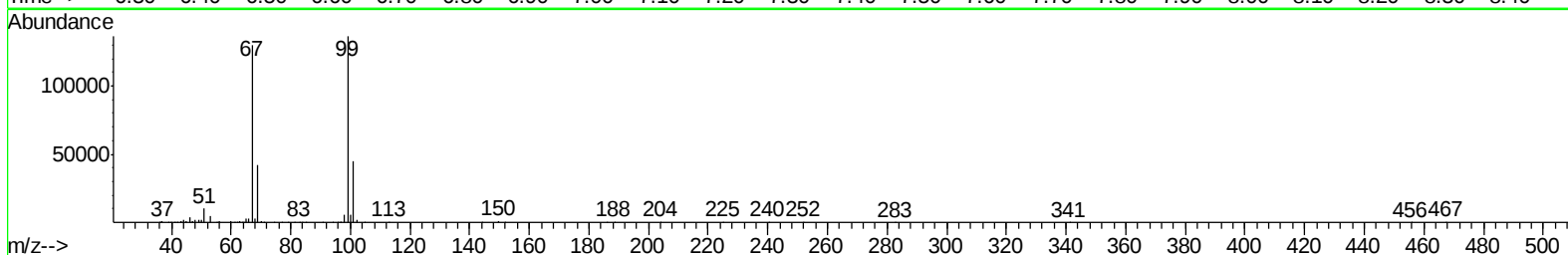
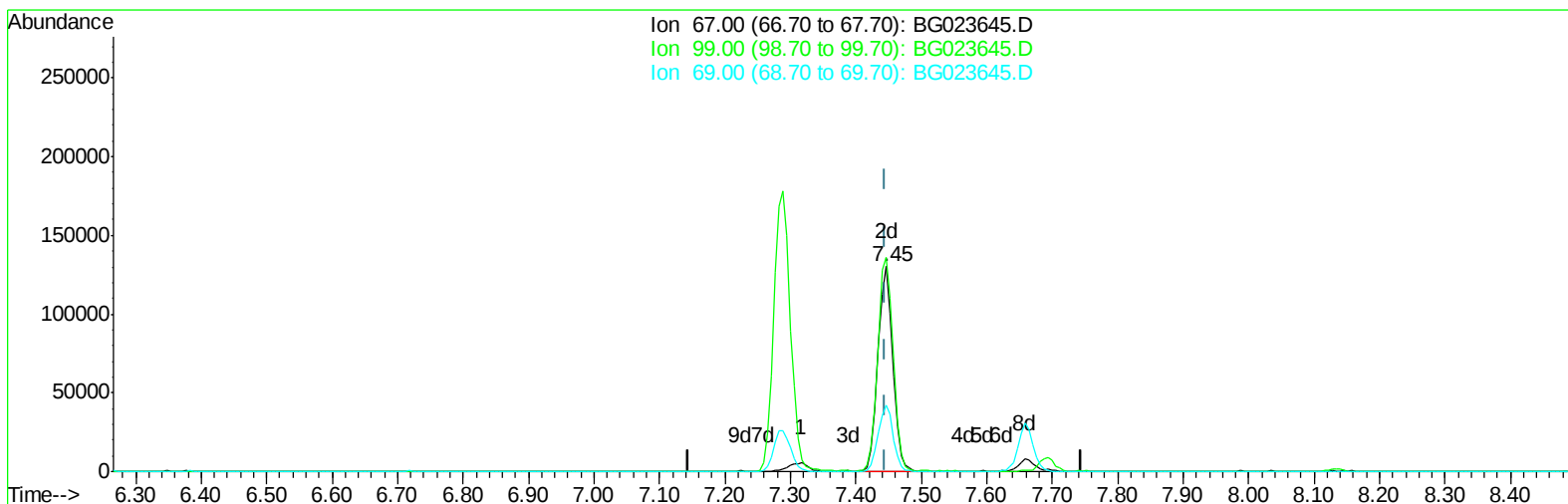
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
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Manual Integrations
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TIC: BG023645.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.447min (+0.002) 19.88ng/ul m

response 208034

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	104.68#
69.00	34.00	32.04
0.00	0.00	0.00

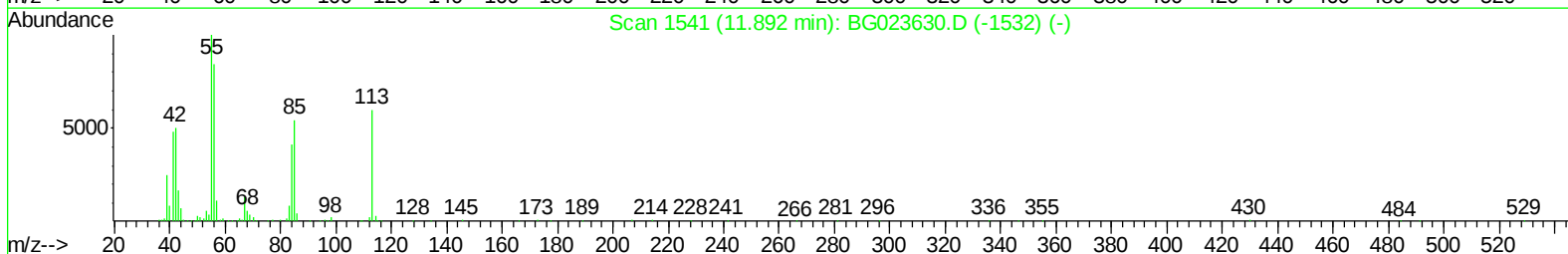
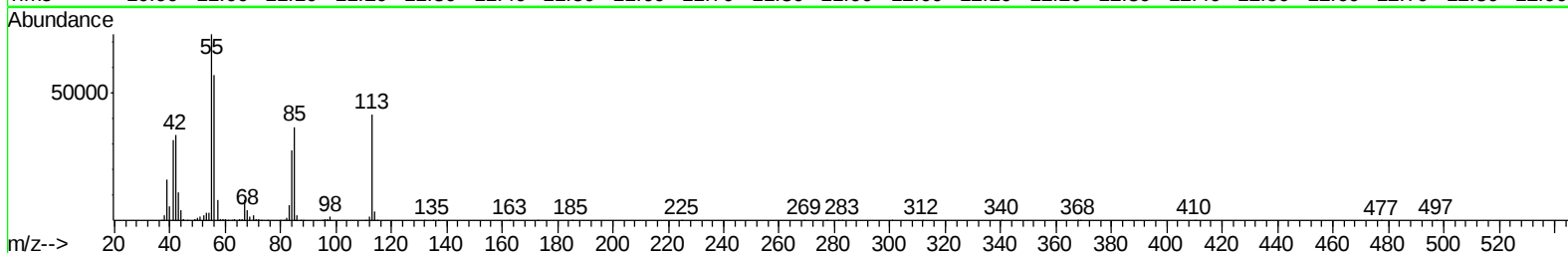
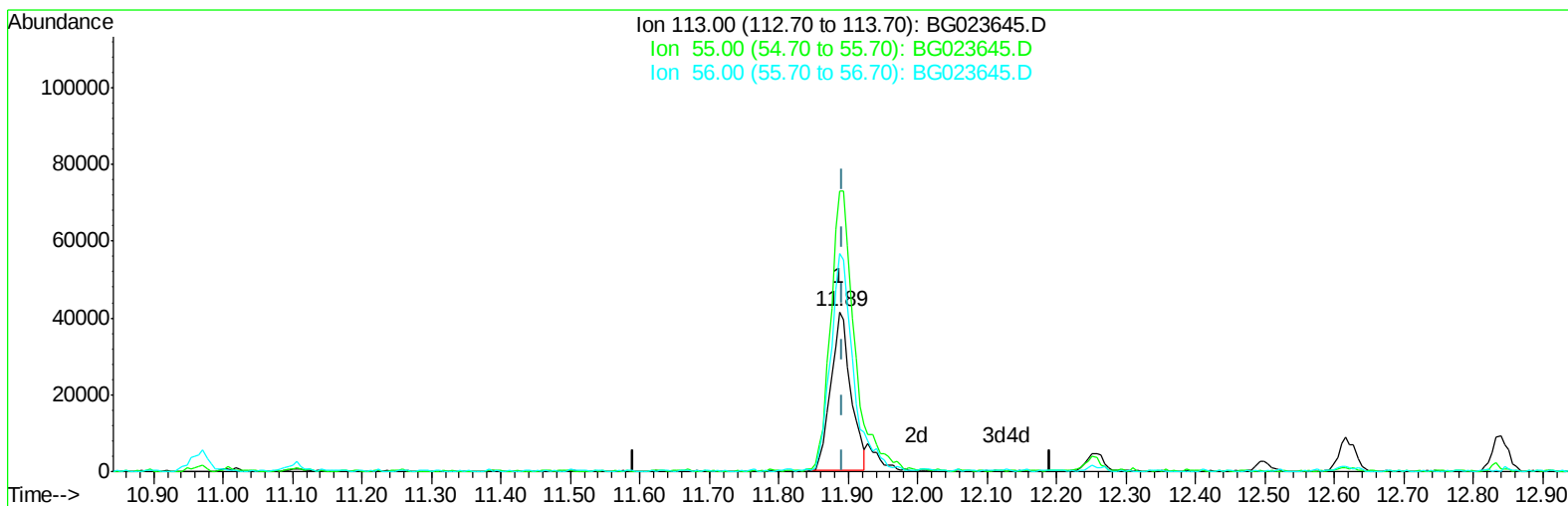
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023645.D
Acq On : 12 Aug 2016 6:42
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02028

Manual Integrations
APPROVED

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8/12/2016 5:56:45 PM

Quant Time: Aug 12 07:25:20 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: BG023645.D

(32) Caprolactam

11.888min (-0.004) 17.09ng/ul

response 82801

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	175.27#
56.00	83.00	136.48#
0.00	0.00	0.00

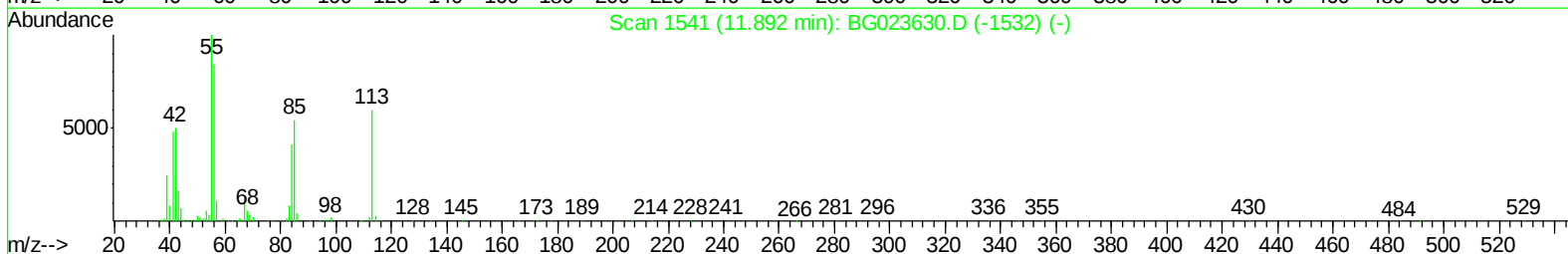
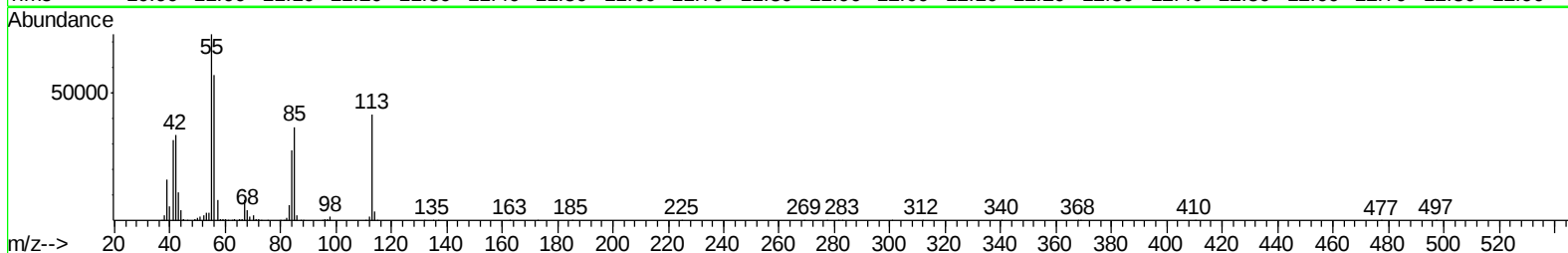
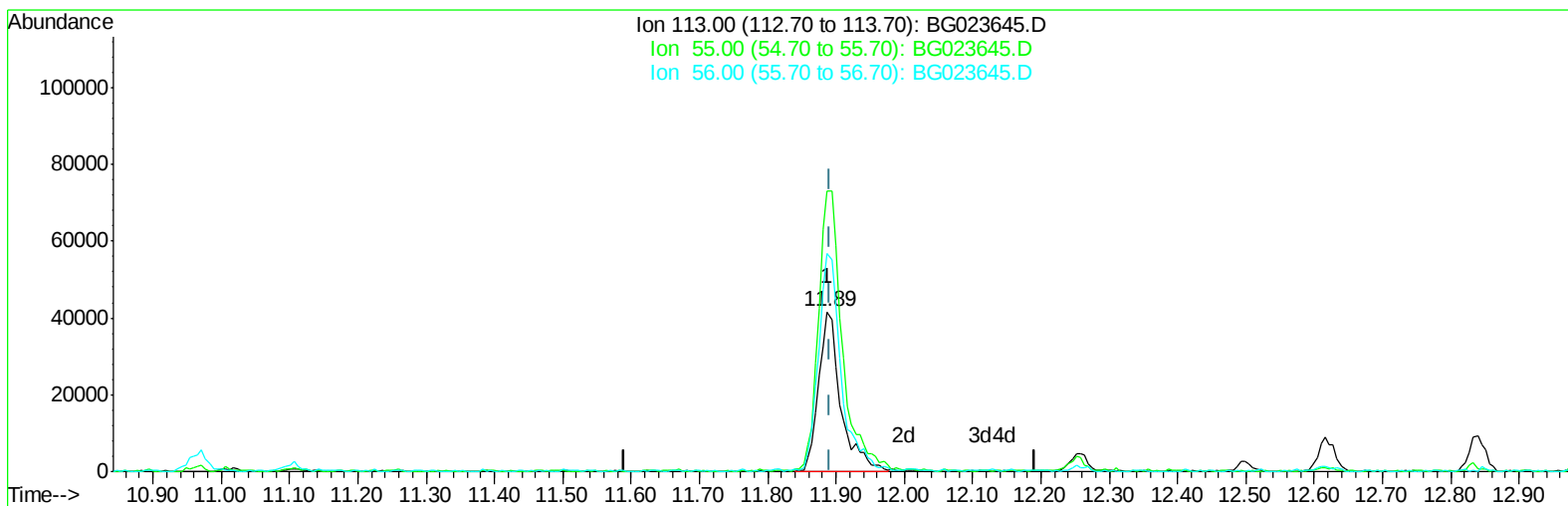
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023645.D
Acq On : 12 Aug 2016 6:42
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
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Manual Integrations
APPROVED

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Quant Time: Aug 12 07:25:20 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: BG023645.D

(32) Caprolactam

11.888min (-0.004) 19.36ng/ul m

response 93803

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	175.27#
56.00	83.00	136.48#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023645.D
 Acq On : 12 Aug 2016 6:42
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Manual Integrations
 APPROVED

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 8/12/2016 5:56:45 PM

Quant Time: Aug 12 07:26:33 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	8.13	152	162102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	677622	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	463390	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1108544	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1144931	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1158004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	28419	7.45	ng/uL	0.00
5) Phenol-d5	7.29	99	317148	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	208034m	19.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	226227	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	249460	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	115506	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	139016	22.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	247109	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	301577	22.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	745941	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	903354	21.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	130767	20.19	ng/ul	0.00
57) Fluorene-d10	15.79	176	695620	19.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	138507	19.48	ng/ul	0.00
70) Anthracene-d10	17.66	188	1047918	20.98	ng/ul	0.00
76) Pyrene-d10	19.95	212	1117618	19.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1083552	20.67	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	30889	7.72	ng/uL#	72
4) Benzaldehyde	7.26	77	210329	21.13	ng/ul	90
6) Phenol	7.32	94	337201	19.83	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.54	93	251104	20.34	ng/ul	91
10) 2-Chlorophenol	7.69	128	229449	20.22	ng/ul#	85
11) 2-Methylphenol	8.58	108	245394	19.16	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.67	45	351402	20.80	ng/ul	98
14) Acetophenone	8.96	105	389112	19.03	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.94	70	232150	18.87	ng/ul#	88
16) 4-Methylphenol	8.91	108	265848	18.52	ng/ul	99
17) Hexachloroethane	9.22	117	97598	19.93	ng/ul	89
20) Nitrobenzene	9.35	77	329876	21.07	ng/ul#	82
21) Isophorone	9.87	82	599815	20.83	ng/ul	94
23) 2-Nitrophenol	10.07	139	143509	21.67	ng/ul#	78
24) 2,4-Dimethylphenol	10.13	107	302912	20.85	ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.35	93	346978	20.89	ng/ul#	98
27) 2,4-Dichlorophenol	10.61	162	248615	21.31	ng/ul	94
28) Naphthalene	11.02	128	717078	20.84	ng/ul	99
30) 4-Chloroaniline	11.13	127	286413	21.26	ng/ul	100
31) Hexachlorobutadiene	11.29	225	171202	22.03	ng/ul	91
32) Caprolactam	11.89	113	93803m	19.36	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	299605	19.95	ng/ul	87
34) 2-Methylnaphthalene	12.62	142	551227	19.76	ng/ul	96

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023645.D
 Acq On : 12 Aug 2016 6:42
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Manual Integrations
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 8/12/2016 5:56:45 PM

Quant Time: Aug 12 07:26:33 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)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	315808	22.20	ng/ul	95
37) Hexachlorocyclopentadiene	12.96	237	131086	16.66	ng/ul	95
38) 2,4,6-Trichlorophenol	13.23	196	217322	22.05	ng/ul	96
39) 2,4,5-Trichlorophenol	13.31	196	232579	22.02	ng/ul	98
40) 1,1'-Biphenyl	13.62	154	718504	21.10	ng/ul	99
41) 2-Chloronaphthalene	13.67	162	563392	21.28	ng/ul	95
42) 2-Nitroaniline	13.88	65	232327	21.49	ng/ul#	67
44) Dimethylphthalate	14.24	163	734860	19.56	ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	168067	20.63	ng/ul#	84
47) Acenaphthylene	14.52	152	922876	20.66	ng/ul	99
48) 3-Nitroaniline	14.71	138	176364	23.03	ng/ul#	70
49) Acenaphthene	14.86	153	624089	20.51	ng/ul	97
50) 2,4-Dinitrophenol	14.92	184	73836	14.69	ng/ul#	88
52) 4-Nitrophenol	15.02	109	127659	19.68	ng/ul#	76
53) Dibenzofuran	15.19	168	912876	20.25	ng/ul	92
54) 2,4-Dinitrotoluene	15.17	165	244134	19.78	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.43	232	221840	20.44	ng/ul#	98
56) Diethylphthalate	15.60	149	762425	19.42	ng/ul	95
58) Fluorene	15.85	166	734466	19.55	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.84	204	370608	19.62	ng/ul	99
60) 4-Nitroaniline	15.88	138	183687	20.68	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.94	198	144181	19.31	ng/ul#	92
64) N-Nitrosodiphenylamine	16.05	169	681930	22.01	ng/ul	97
65) 4-Bromophenyl-phenylether	16.73	248	265773	20.91	ng/ul	95
66) Hexachlorobenzene	16.86	284	281386	20.78	ng/ul	95
67) Atrazine	17.00	200	279697	21.86	ng/ul	98
68) Pentachlorophenol	17.21	266	151199	20.23	ng/ul	88
69) Phenanthrene	17.60	178	1211261	21.10	ng/ul	97
71) Anthracene	17.69	178	1242033	21.20	ng/ul	99
72) Carbazole	17.97	167	1089497	23.08	ng/ul	98
73) Di-n-butylphthalate	18.51	149	1355698	22.93	ng/ul#	94
74) Fluoranthene	19.61	202	1385742	23.58	ng/ul#	93
77) Pyrene	19.98	202	1387513	19.60	ng/ul	95
78) Butylbenzylphthalate	20.85	149	610602	22.49	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.77	252	503985	24.98	ng/ul#	97
80) Benzo(a)anthracene	21.86	228	1368148	21.22	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	878740	24.34	ng/ul#	96
82) Chrysene	21.93	228	1238010	21.12	ng/ul	94
84) Di-n-octyl phthalate	23.01	149	1483129	25.36	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	1364925	20.72	ng/ul#	94
86) Benzo(k)fluoranthene	24.27	252	1280196	19.74	ng/ul#	90
88) Benzo(a)pyrene	25.12	252	1312605	20.64	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.18	276	1549141	20.73	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.25	278	1328221	20.84	ng/ul#	91
91) Benzo(g,h,i)perylene	30.42	276	1288962	20.81	ng/ul#	86

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

