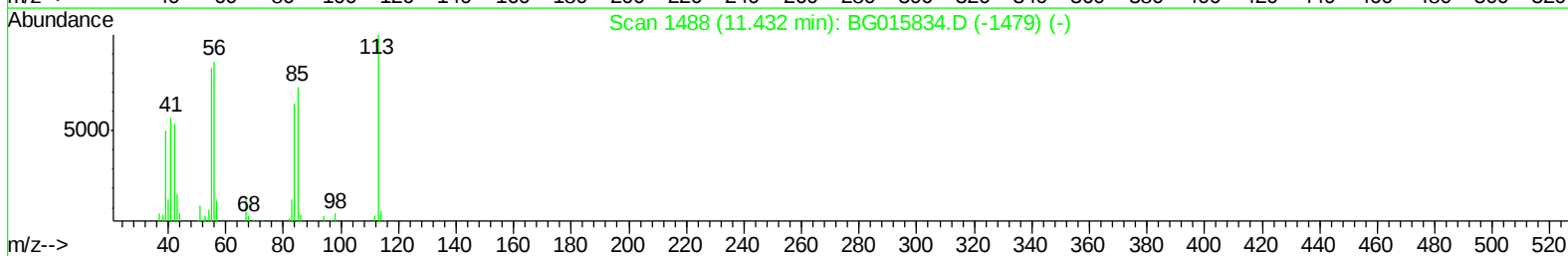
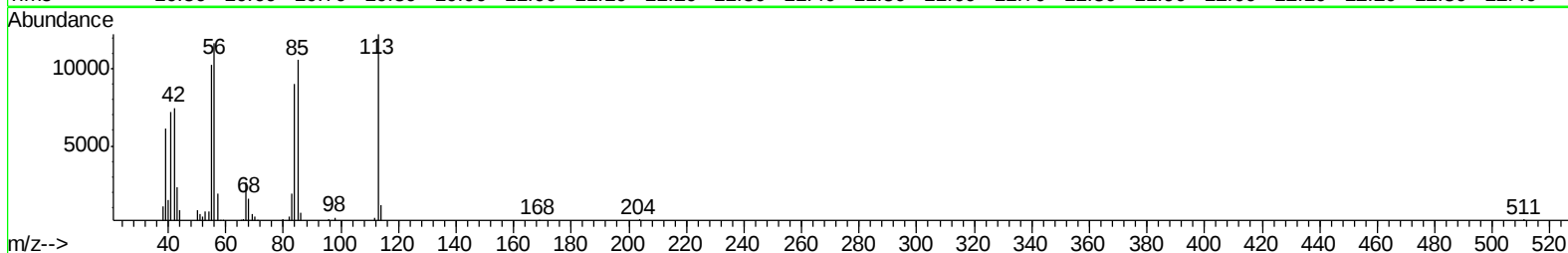
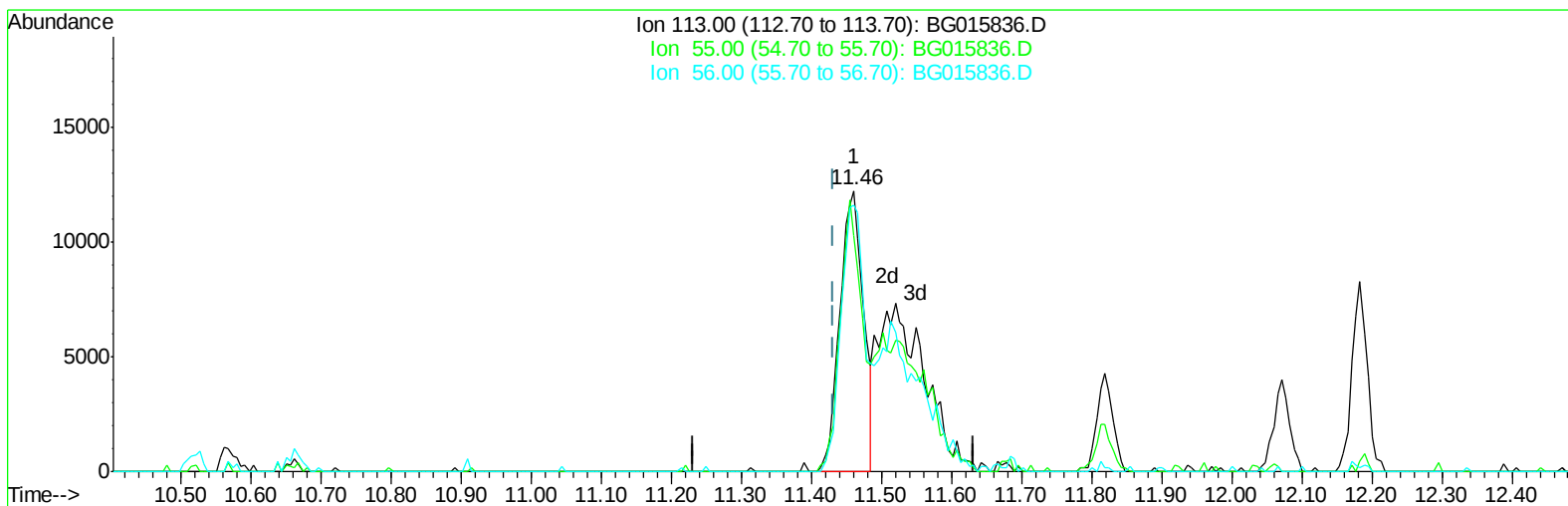


Data Path : Z:\HPCHEM1\BNA_G\Data\BG123114\
Data File : BG015836.D
Acq On : 31 Dec 2014 22:30
Operator : TP/IZ
Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 01 02:29:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG123114.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 01 01:24:43 2015
Response via : Initial Calibration



TIC: BG015836.D

(30) Caprolactam

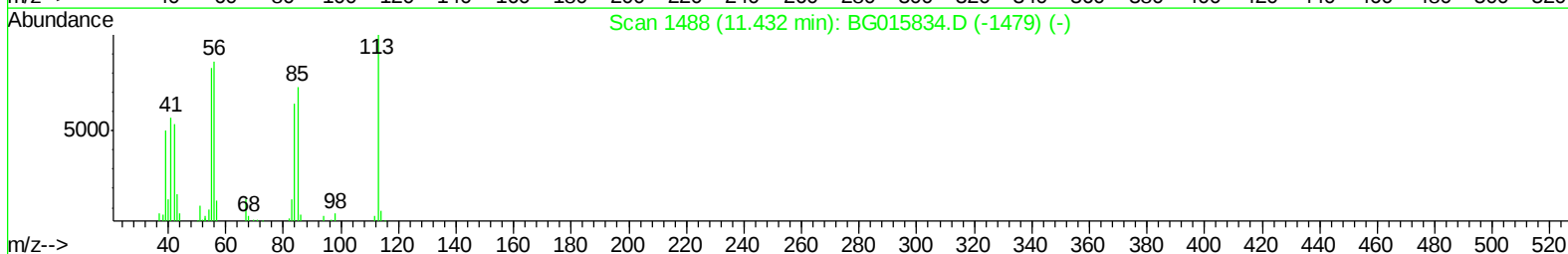
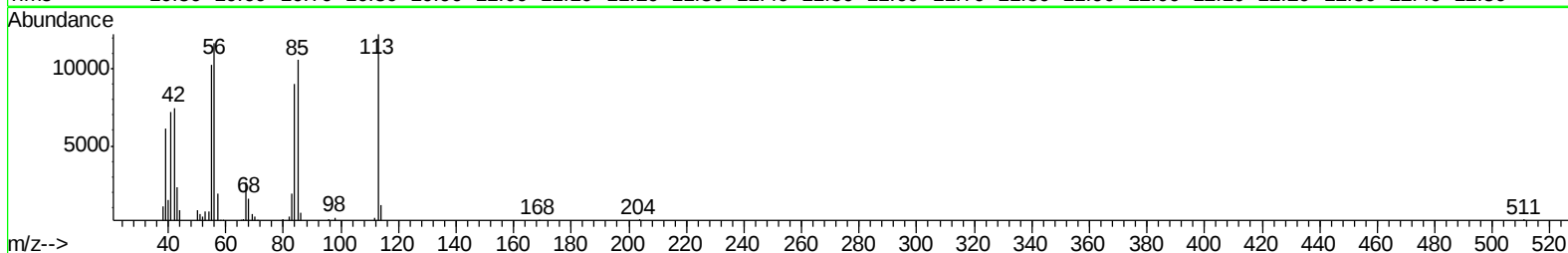
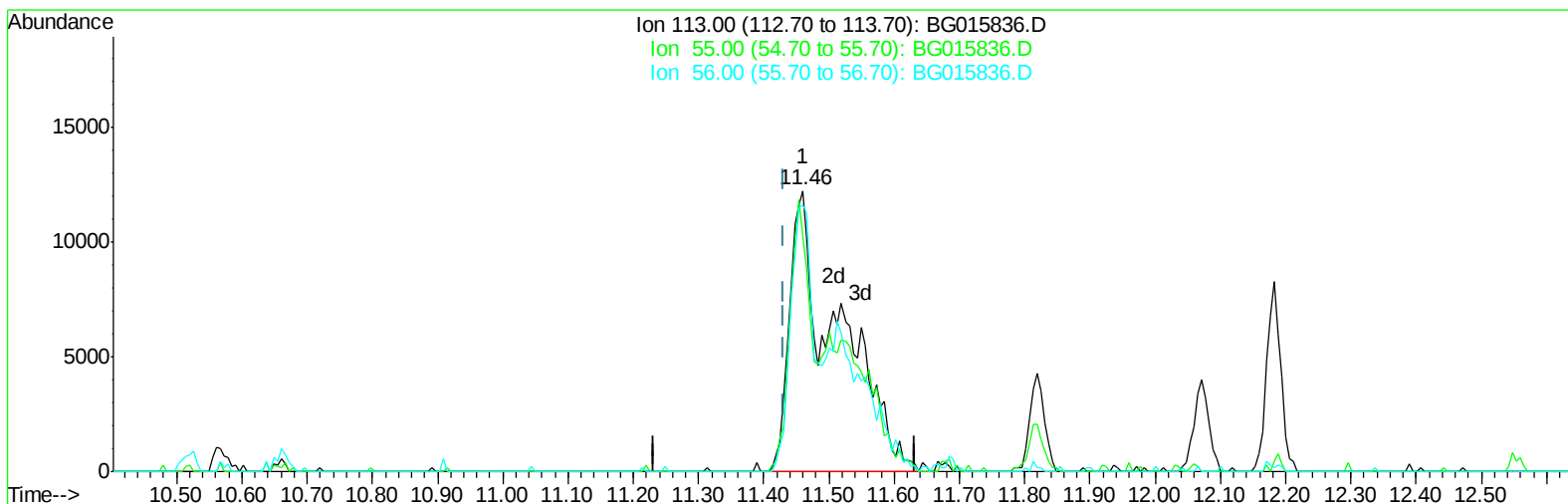
11.461min (+0.028) 38.35ng/ul

response 28879

Ion	Exp%	Act%
113.00	100	100
55.00	82.60	84.05
56.00	86.30	95.12
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG123114\
Data File : BG015836.D
Acq On : 31 Dec 2014 22:30
Operator : TP/IZ
Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 01 01:15:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG123114.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 01 00:49:59 2015
Response via : Initial Calibration



TIC: BG015836.D

(30) Caprolactam

11.461min (+0.028) 88.65ng/ul m

response 62871

Ion	Exp%	Act%
113.00	100	100
55.00	82.60	84.05
56.00	86.30	95.12
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG123114\
 Data File : BG015836.D
 Acq On : 31 Dec 2014 22:30
 Operator : TP/IZ
 Sample : SSTD08089
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 01 01:15:03 2015
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 01 00:49:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26565	20.00	ng/ul	0.00
16) Naphthalene-d8	10.51	136	101140	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.37	164	76546	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.12	188	186336	20.00	ng/ul	0.00
73) Chrysene-d12	21.30	240	290002	20.00	ng/ul	0.01
81) Perylene-d12	23.56	264	275254	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.91	99	178851	72.32	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.07	67	91933	66.79	ng/ul	0.00
7) 2-Chlorophenol-d4	7.27	132	127258	76.89	ng/ul	0.00
11) 4-Methylphenol-d8	8.45	113	138614	77.23	ng/ul	0.00
17) Nitrobenzene-d5	8.89	128	62789	76.94	ng/ul	0.00
20) 2-Nitrophenol-d4	9.61	143	72246	82.39	ng/ul	0.01
24) 2,4-Dichlorophenol-d3	10.14	165	145021	86.66	ng/ul	0.00
27) 4-Chloroaniline-d4	10.66	131	105980	57.17	ng/ul	0.00
41) Dimethylphthalate-d6	13.79	166	439023	84.04	ng/ul	0.01
44) Acenaphthylene-d8	14.06	160	525097	81.93	ng/ul	0.00
49) 4-Nitrophenol-d4	14.59	143	78962	82.34	ng/ul	0.01
55) Fluorene-d10	15.36	176	415672	80.23	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.49	200	106120	99.68	ng/ul	0.00
68) Anthracene-d10	17.21	188	700457	81.33	ng/ul	0.00
74) Pyrene-d10	19.51	212	907232	77.42	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.43	264	1019386	81.97	ng/ul	0.02

Target Compounds

						Qvalue
2) Benzaldehyde	6.88	77	53025	32.74	ng/ul	86
4) Phenol	6.94	94	187359	71.90	ng/ul	94
6) Bis(2-Chloroethyl)ether	7.17	93	138200	72.00	ng/ul	98
8) 2-Chlorophenol	7.30	128	126380	78.29	ng/ul	94
9) 2-Methylphenol	8.18	108	146041	79.56	ng/ul	95
10) 2,2'-oxybis(1-Chloropropan	8.27	45	89698	64.92	ng/ul	99
12) Acetophenone	8.55	105	224557	74.74	ng/ul	87
13) N-Nitroso-di-n-propylamine	8.55	70	125751	76.28	ng/ul#	89
14) 4-Methylphenol	8.51	108	155556	76.06	ng/ul	87
15) Hexachloroethane	8.80	117	66956	76.78	ng/ul#	85
18) Nitrobenzene	8.93	77	194488	74.57	ng/ul	98
19) Isophorone	9.46	82	353580	79.42	ng/ul	99
21) 2-Nitrophenol	9.64	139	78285	81.77	ng/ul#	87
22) 2,4-Dimethylphenol	9.70	107	203596	81.98	ng/ul	92
23) Bis(2-Chloroethoxy)methane	9.94	93	177439	72.49	ng/ul	99
25) 2,4-Dichlorophenol	10.17	162	141450	82.62	ng/ul	99
26) Naphthalene	10.57	128	399612	77.99	ng/ul	98
28) 4-Chloroaniline	10.68	127	105949	55.61	ng/ul	93
29) Hexachlorobutadiene	10.85	225	147390	89.46	ng/ul	95
30) Caprolactam	11.46	113	62871m	88.65	ng/ul	
31) 4-Chloro-3-methylphenol	11.82	107	179678	78.33	ng/ul	98
32) 2-Methylnaphthalene	12.18	142	300384	79.33	ng/ul	95
34) 1,2,4,5-Tetrachlorobenzene	12.56	216	229805	86.17	ng/ul	97
35) Hexachlorocyclopentadiene	12.53	237	170461	111.79	ng/ul#	93

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Quant Time: Jan 01 01:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG123114.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 01 00:49:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 2,4,6-Trichlorophenol	12.80	196	138216	84.99	ng/ul	99
37) 2,4,5-Trichlorophenol	12.88	196	152786	86.42	ng/ul	99
38) 1,1'-Biphenyl	13.20	154	426906	80.49	ng/ul	93
39) 2-Chloronaphthalene	13.24	162	330820	79.86	ng/ul	98
40) 2-Nitroaniline	13.45	65	115728	74.75	ng/ul	93
42) Dimethylphthalate	13.83	163	444222	81.19	ng/ul	98
43) 2,6-Dinitrotoluene	13.96	165	102784	85.96	ng/ul#	81
45) Acenaphthylene	14.09	152	545900	78.68	ng/ul	98
46) 3-Nitroaniline	14.29	138	79381	74.96	ng/ul#	93
47) Acenaphthene	14.43	153	358618	79.86	ng/ul	94
48) 2,4-Dinitrophenol	14.49	184	55376	91.43	ng/ul#	75
50) 4-Nitrophenol	14.61	109	123682	85.85	ng/ul	97
51) Dibenzofuran	14.77	168	555018	82.22	ng/ul	99
52) 2,4-Dinitrotoluene	14.74	165	145593	84.99	ng/ul	99
53) 2,3,4,6-Tetrachlorophenol	15.00	232	171124	91.74	ng/ul#	94
54) Diethylphthalate	15.20	149	490722	83.80	ng/ul	98
56) Fluorene	15.42	166	453401	83.39	ng/ul	99
57) 4-Chlorophenyl-phenylether	15.41	204	299356	85.31	ng/ul	96
58) 4-Nitroaniline	15.46	138	92292	72.49	ng/ul	91
61) 4,6-Dinitro-2-methylphenol	15.51	198	108119	96.44	ng/ul#	92
62) N-Nitrosodiphenylamine	15.63	169	418126	79.95	ng/ul	96
63) 4-Bromophenyl-phenylether	16.31	248	208735	86.26	ng/ul	94
64) Hexachlorobenzene	16.43	284	233352	88.84	ng/ul	92
65) Atrazine	16.58	200	175296	77.88	ng/ul	94
66) Pentachlorophenol	16.77	266	145012	100.68	ng/ul	94
67) Phenanthrene	17.16	178	756551	80.19	ng/ul	98
69) Anthracene	17.25	178	793545	82.09	ng/ul	99
70) Carbazole	17.52	167	723183	81.43	ng/ul	96
71) Di-n-butylphthalate	18.08	149	885721	85.63	ng/ul	99
72) Fluoranthene	19.17	202	1126915	86.94	ng/ul	99
75) Pyrene	19.55	202	1167109	75.07	ng/ul	100
76) Butylbenzylphthalate	20.44	149	459982	78.32	ng/ul	96
77) 3,3'-Dichlorobenzidine	21.22	252	449740	84.23	ng/ul#	97
78) Benzo(a)anthracene	21.28	228	1280537	77.96	ng/ul	97
79) Bis(2-ethylhexyl)phthalate	21.21	149	675296	83.47	ng/ul	96
80) Chrysene	21.34	228	1213381	78.85	ng/ul	98
82) Di-n-octyl phthalate	22.10	149	1095747	82.58	ng/ul	100
83) Benzo(b)fluoranthene	22.89	252	1335352	80.47	ng/ul	100
84) Benzo(k)fluoranthene	22.94	252	1291188	83.02	ng/ul	97
86) Benzo(a)pyrene	23.48	252	1248497	79.75	ng/ul	96
87) Indeno(1,2,3-cd)pyrene	25.89	276	1404141	81.03	ng/ul#	98
88) Dibenzo(a,h)anthracene	25.90	278	1203916	80.29	ng/ul	98
89) Benzo(g,h,i)perylene	26.60	276	1179125	81.81	ng/ul	98

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

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