

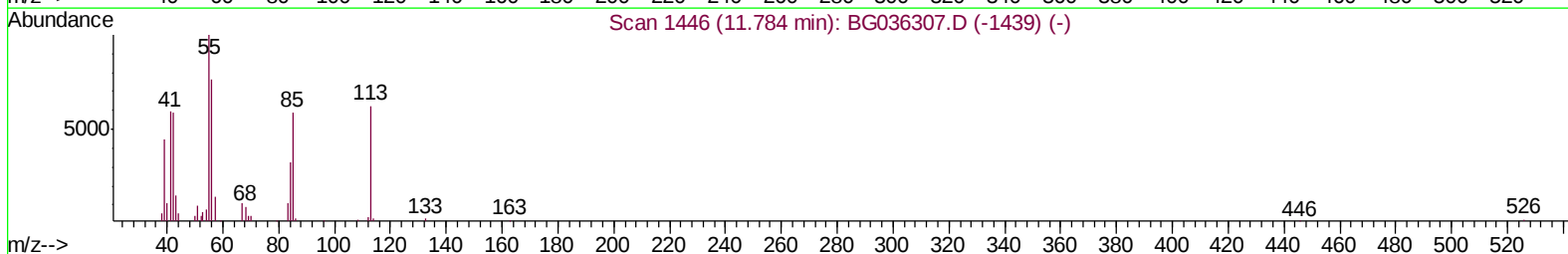
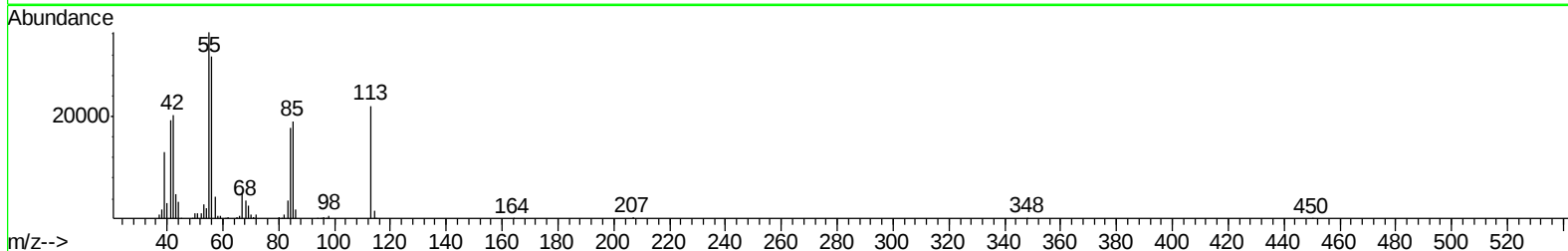
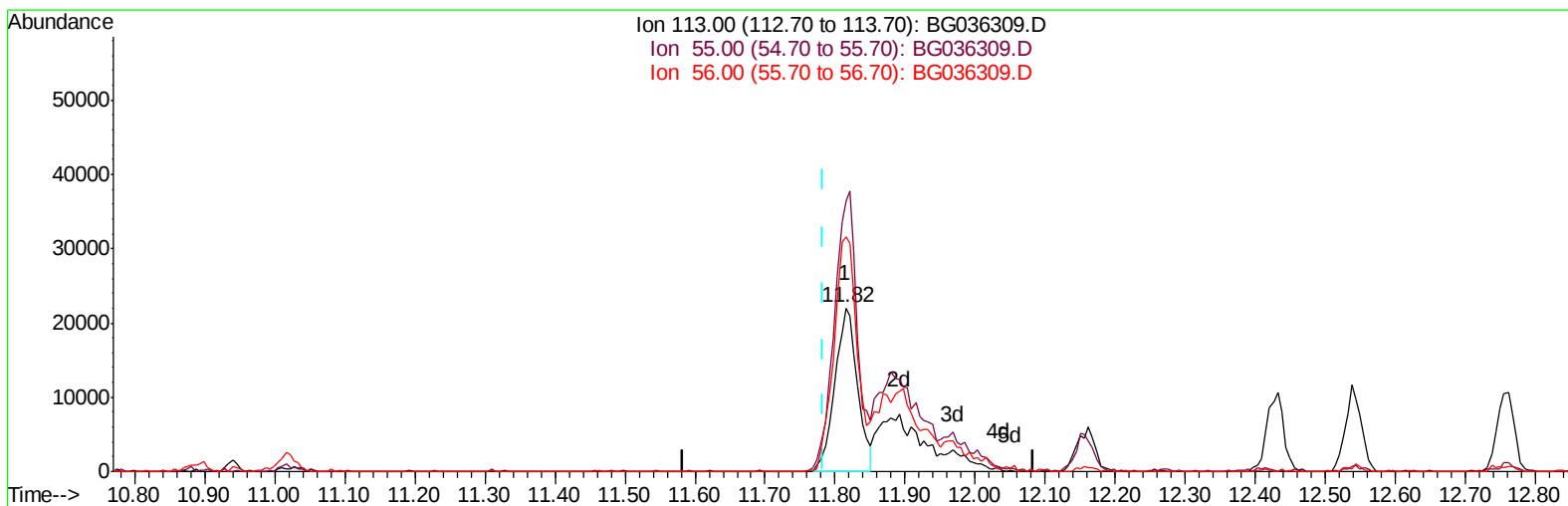
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081618\
Data File : BG036309.D
Acq On : 16 Aug 2018 12:53
Operator : JU/SJ
Sample : SST08007
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08007

Quant Time: Aug 16 13:36:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 12:06:27 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
8/17/2018 4:57:33 PM



TIC: BG036309.D

(32) Caprolactam

11.815min (+0.031) 42.43ng/ul

response 49529

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	164.92
56.00	115.90	143.28#
0.00	0.00	0.00

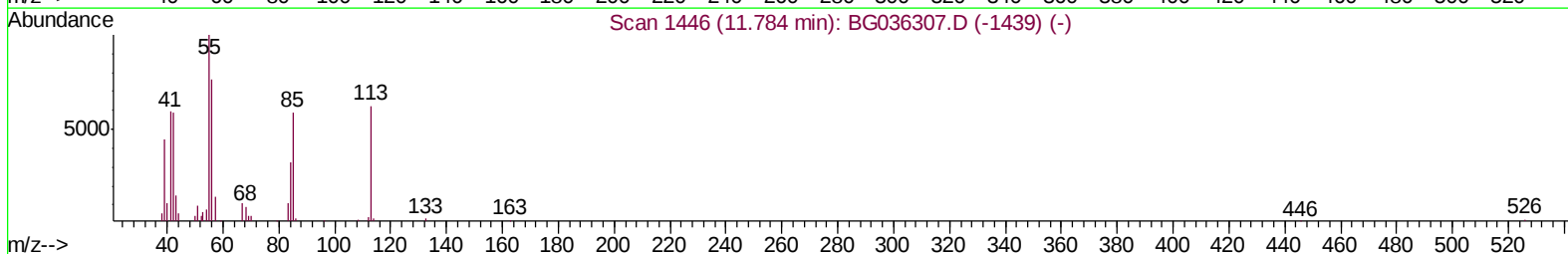
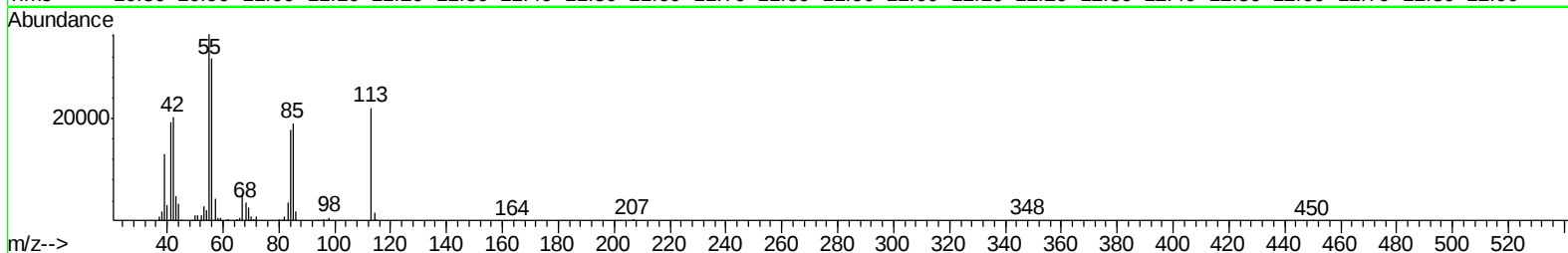
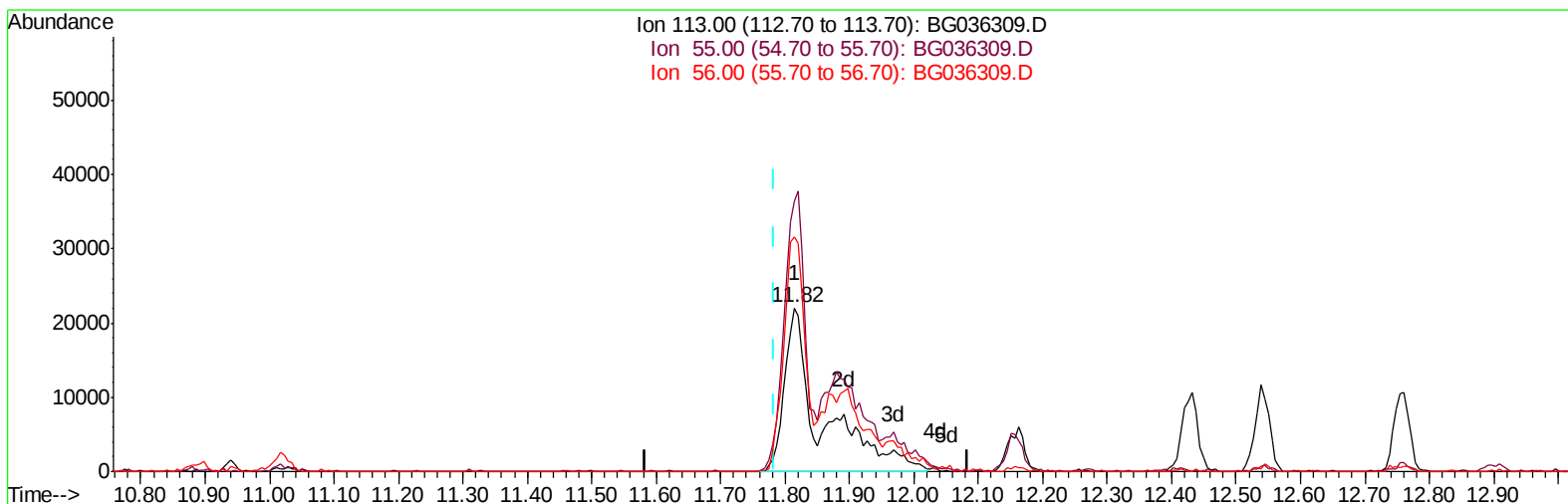
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TIC: BG036309.D

(32) Caprolactam

11.815min (+0.031) 74.88ng/ul m

response 87414

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	164.92
56.00	115.90	143.28#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	157297	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	115873	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	303788	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	298757	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	304300	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	36246	34.58	ng/uL	0.00
5) Phenol-d5	7.23	99	328729	78.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	216829	75.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	194067	78.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	242197	77.16	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	86947	103.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	84761	92.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	241873	84.41	ng/ul	0.01
29) 4-Chloroaniline-d4	11.02	131	226208	85.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	750578	75.18	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	879643	75.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	105771	87.12	ng/ul	0.01
58) Fluorene-d10	15.70	176	671473	74.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	89098	90.03	ng/ul	0.02
71) Anthracene-d10	17.55	188	1069214	74.27	ng/ul	0.00
79) Pyrene-d10	19.83	212	1239771	77.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	1302874	78.20	ng/ul	0.01

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.55	88	38734	29.968	ng/uL#	86
4) Benzaldehyde	7.21	77	266805	79.252	ng/ul	86
6) Phenol	7.26	94	331502	76.857	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.50	93	242184	78.100	ng/ul	94
10) 2-Chlorophenol	7.64	128	187195	76.696	ng/ul#	83
11) 2-Methylphenol	8.51	108	246705	79.576	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.61	45	288146	74.809	ng/ul#	91
14) Acetophenone	8.91	105	378510	72.674	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.90	70	257560	71.128	ng/ul#	92
16) 4-Methylphenol	8.85	108	249059	75.617	ng/ul	99
17) Hexachloroethane	9.17	117	90928	73.247	ng/ul	96
20) Nitrobenzene	9.29	77	338285	96.372	ng/ul#	85
21) Isophorone	9.82	82	682576	76.038	ng/ul#	92
23) 2-Nitrophenol	10.00	139	99510	97.168	ng/ul#	69
24) 2,4-Dimethylphenol	10.05	107	326550	81.043	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.30	93	322186	74.905	ng/ul	98
27) 2,4-Dichlorophenol	10.53	162	209309	80.960	ng/ul#	93
28) Naphthalene	10.94	128	620122	76.692	ng/ul	98
30) 4-Chloroaniline	11.04	127	225372	81.416	ng/ul	96
31) Hexachlorobutadiene	11.23	225	189523	75.185	ng/ul	96
32) Caprolactam	11.82	113	87414m	74.880	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	288196	79.106	ng/ul#	82
34) 2-Methylnaphthalene	12.54	142	476130	76.808	ng/ul	98

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Quant Time: Aug 16 13:38:01 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	467109	76.837	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	353272	77.807	ng/ul#	98
38) Hexachlorocyclopentadiene	12.88	237	212129	80.290	ng/ul	98
39) 2,4,6-Trichlorophenol	13.14	196	218639	83.583	ng/ul	99
40) 2,4,5-Trichlorophenol	13.21	196	229319	79.315	ng/ul	95
41) 1,1'-Biphenyl	13.54	154	641430	76.330	ng/ul#	98
42) 2-Chloronaphthalene	13.58	162	517129	77.055	ng/ul	93
43) 2-Nitroaniline	13.78	65	207959	110.115	ng/ul#	71
45) Dimethylphthalate	14.17	163	726170	73.383	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	126941	98.846	ng/ul#	77
48) Acenaphthylene	14.43	152	768226	76.471	ng/ul	98
49) 3-Nitroaniline	14.61	138	108275	86.854	ng/ul#	71
50) Acenaphthene	14.77	153	563556	77.205	ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	59509	113.762	ng/ul#	81
53) 4-Nitrophenol	14.91	109	153835	85.087	ng/ul#	80
54) Dibenzofuran	15.11	168	775646	73.526	ng/ul	90
55) 2,4-Dinitrotoluene	15.06	165	171527	96.366	ng/ul#	69
56) 2,3,4,6-Tetrachlorophenol	15.32	232	204154	81.543	ng/ul#	91
57) Diethylphthalate	15.53	149	717872	73.227	ng/ul	99
59) Fluorene	15.76	166	676202	73.809	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.75	204	417709	72.228	ng/ul	94
61) 4-Nitroaniline	15.77	138	140720	85.585	ng/ul#	31
64) 4,6-Dinitro-2-methylphenol	15.83	198	95494	92.714	ng/ul#	83
65) N-Nitrosodiphenylamine	15.96	169	618986	79.040	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	281495	79.661	ng/ul	95
67) Hexachlorobenzene	16.75	284	291643	82.784	ng/ul#	91
68) Atrazine	16.92	200	272683	78.066	ng/ul	92
69) Pentachlorophenol	17.09	266	169193	96.152	ng/ul	98
70) Phenanthrene	17.49	178	1155617	76.245	ng/ul	98
72) Anthracene	17.58	178	1124566	75.733	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	394922	83.120	ng/uL	97
74) Pentachlorobenzene	15.02	250	341679	79.462	ng/uL	100
75) Carbazole	17.85	167	957533	78.172	ng/ul#	92
76) Di-n-butylphthalate	18.42	149	1139323	79.123	ng/ul#	93
77) Fluoranthene	19.49	202	1514344	78.685	ng/ul	98
80) Pyrene	19.86	202	1424385	74.782	ng/ul	98
81) Butylbenzylphthalate	20.75	149	539225	91.850	ng/ul#	72
82) 3,3'-Dichlorobenzidine	21.62	252	534170	85.330	ng/ul#	99
83) Benzo(a)anthracene	21.70	228	1444071	76.106	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	722110	86.734	ng/ul	96
85) Chrysene	21.77	228	1371038	79.043	ng/ul	95
87) Di-n-octyl phthalate	22.87	149	1190443	75.998	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	1510277	72.848	ng/ul#	96
89) Benzo(k)fluoranthene	24.01	252	1434373	71.809	ng/ul#	96
91) Benzo(a)pyrene	24.82	252	1403825	73.574	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.64	276	1664001	78.814	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.72	278	1340007	78.433	ng/ul#	94
94) Benzo(g,h,i)perylene	29.79	276	1378761	78.760	ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

