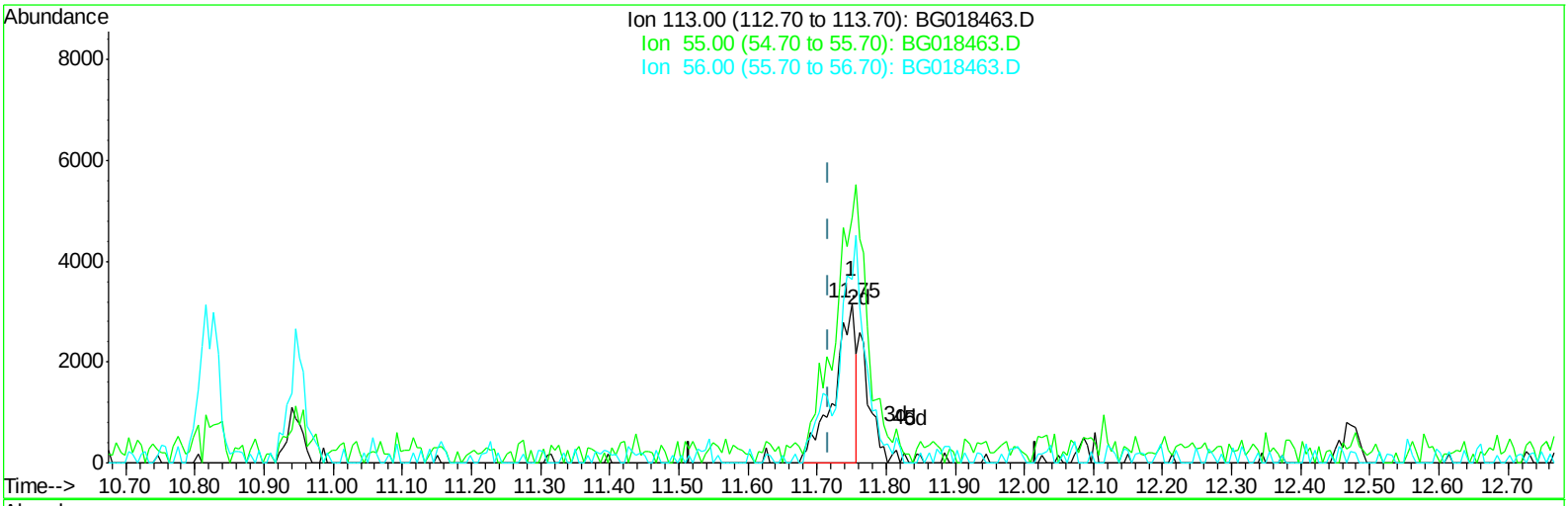
Quantitation Report (Qedit)

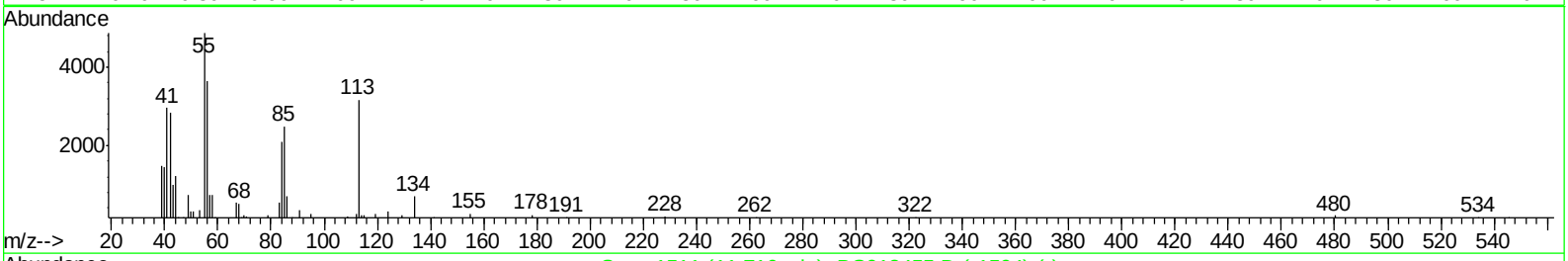
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018463.D
Acq On : 18 Aug 2015 14:16
Operator : UM/MA
Sample : MDL-07-S
Misc :
ALS Vial : 10 Sample Multiplier: 1

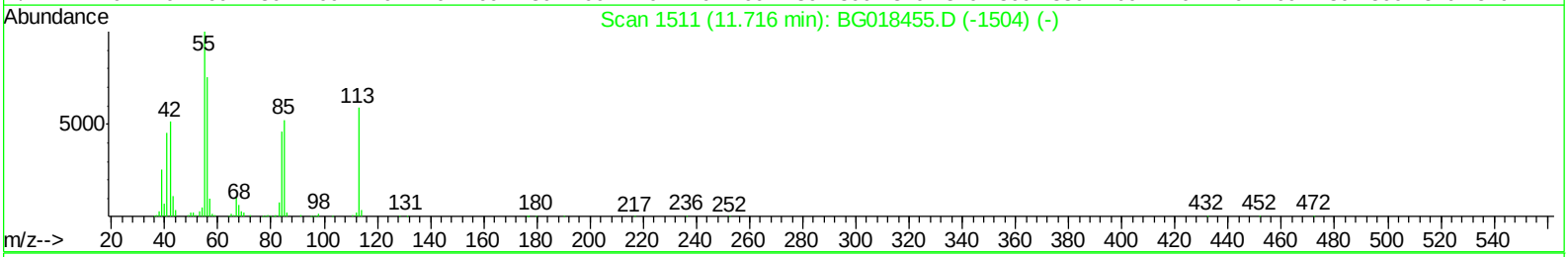
Quant Time: Aug 19 01:06:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:53:00 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:13:04 PM







TIC: BG018463.D

(32) Caprolactam

11.750min (+0.034) 2.21ng/ul

response 6780

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	153.77
56.00	122.80	115.09
0.00	0.00	0.00

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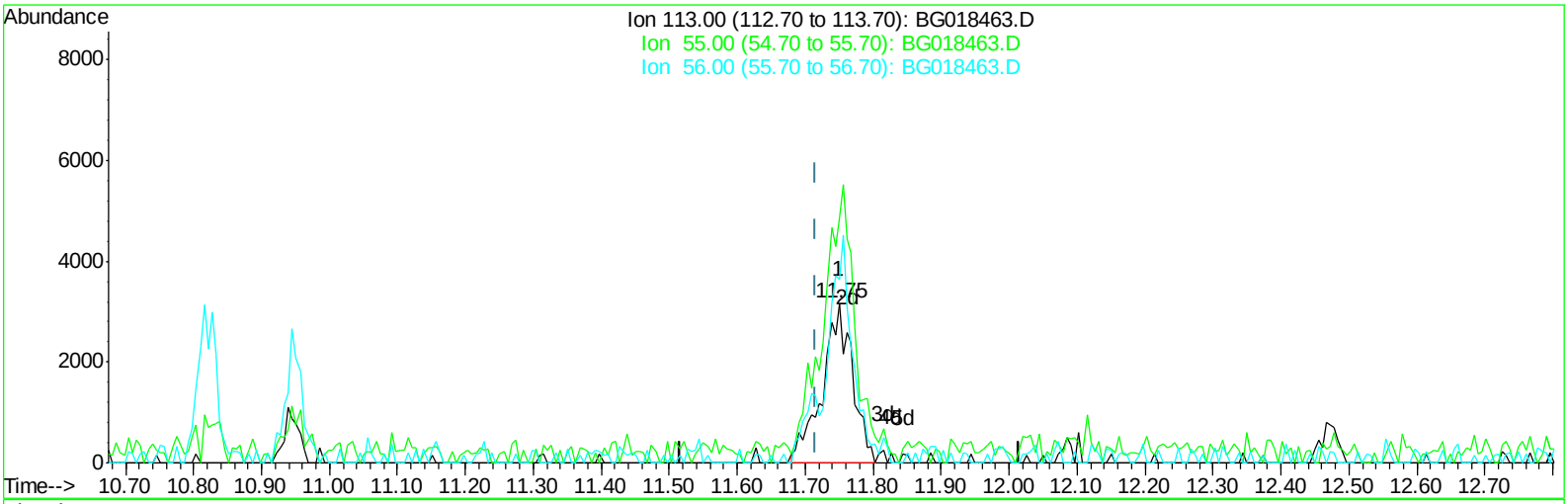

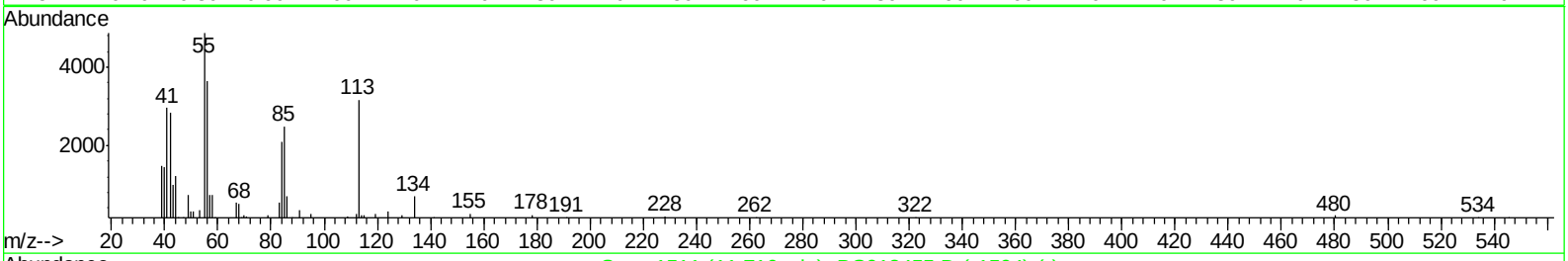

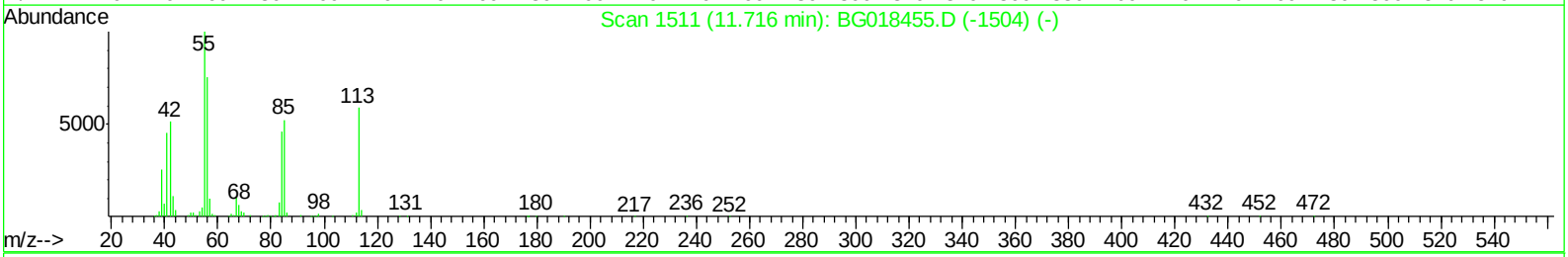

TIC: BG018463.D

(32) Caprolactam

11.750min (+0.034) 3.17ng/ul m

response 9750

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	153.77
56.00	122.80	115.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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Quant Time: Aug 19 01:51:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:53:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	100292	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	483023	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	313052	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	794341	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	809454	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	799740	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	15292	6.74	ng/uL	0.00
5) Phenol-d5	7.17	99	323834	35.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	208761	37.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	244453	35.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	277083	36.23	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	136211	36.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	138980	36.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	260541	32.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	375233	40.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	921605	34.99	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1124384	33.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	185479	39.15	ng/ul	0.00
58) Fluorene-d10	15.63	176	813547	35.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	136673	34.98	ng/ul	0.00
71) Anthracene-d10	17.48	188	1325335	34.89	ng/ul	0.00
79) Pyrene-d10	19.76	212	1449384	34.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1508269	35.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1678	0.69	ng/uL#	83
4) Benzaldehyde	7.15	77	18998	3.56	ng/ul	96
6) Phenol	7.20	94	28172	3.03	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	23203	3.25	ng/ul#	89
10) 2-Chlorophenol	7.58	128	19844	2.79	ng/ul	91
11) 2-Methylphenol	8.45	108	20455	2.84	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.55	45	30242	2.64	ng/ul#	90
14) Acetophenone	8.83	105	37965	3.44	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.81	70	21060	3.32	ng/ul	90
16) 4-Methylphenol	8.78	108	23066	2.94	ng/ul	80
17) Hexachloroethane	9.11	117	8102	2.65	ng/ul#	87
20) Nitrobenzene	9.21	77	28161	2.96	ng/ul#	96
21) Isophorone	9.73	82	58396	3.20	ng/ul#	97
23) 2-Nitrophenol	9.93	139	12256	2.88	ng/ul	93
24) 2,4-Dimethylphenol	9.99	107	25673	2.69	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.22	93	33831	2.97	ng/ul	98
27) 2,4-Dichlorophenol	10.47	162	20456	2.68	ng/ul#	87
28) Naphthalene	10.87	128	76293	2.99	ng/ul	97
30) 4-Chloroaniline	10.97	127	33755	3.61	ng/ul	100
31) Hexachlorobutadiene	11.16	225	13074	2.72	ng/ul	95
32) Caprolactam	11.75	113	9750m	3.17	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	24565	2.78	ng/ul#	83
34) 2-Methylnaphthalene	12.47	142	54626	2.95	ng/ul	97

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Instrument : BNA_G
ClientSampleId : MDL-07-S-ML

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MMDadoda
8/19/2015 2:13:04 PM

Quant Time: Aug 19 01:51:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	29852	2.97 ng/ul#	88
38) Hexachlorocyclopentadiene	12.83	237	14489	2.42 ng/ul	88
39) 2,4,6-Trichlorophenol	13.08	196	16941	2.48 ng/ul#	82
40) 2,4,5-Trichlorophenol	13.15	196	18673	2.54 ng/ul	88
41) 1,1'-Biphenyl	13.48	154	76353	2.92 ng/ul#	94
42) 2-Chloronaphthalene	13.52	162	58590	2.89 ng/ul	96
43) 2-Nitroaniline	13.71	65	18514	2.83 ng/ul#	90
45) Dimethylphthalate	14.09	163	79407	3.06 ng/ul#	97
46) 2,6-Dinitrotoluene	14.21	165	14765	2.85 ng/ul	95
48) Acenaphthylene	14.36	152	101892	3.06 ng/ul	95
49) 3-Nitroaniline	14.54	138	18206	3.45 ng/ul	97
50) Acenaphthene	14.71	153	68501	2.94 ng/ul	97
51) 2,4-Dinitrophenol	14.75	184	4649	1.84 ng/ul#	68
53) 4-Nitrophenol	14.84	109	12459	3.02 ng/ul	87
54) Dibenzofuran	15.04	168	92501	3.03 ng/ul	92
55) 2,4-Dinitrotoluene	14.99	165	22048	2.99 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.26	232	17501	2.73 ng/ul#	95
57) Diethylphthalate	15.45	149	88618	3.21 ng/ul	99
59) Fluorene	15.69	166	80007	3.05 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.67	204	38669	3.11 ng/ul	93
61) 4-Nitroaniline	15.69	138	19250	3.30 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.76	198	12958	3.11 ng/ul#	98
65) N-Nitrosodiphenylamine	15.89	169	70716	2.96 ng/ul	87
66) 4-Bromophenyl-phenylether	16.57	248	22712	2.64 ng/ul	92
67) Hexachlorobenzene	16.69	284	26933	2.96 ng/ul#	89
68) Atrazine	16.83	200	28113	3.14 ng/ul#	94
69) Pentachlorophenol	17.03	266	11968	1.97 ng/ul	93
70) Phenanthrene	17.43	178	138400	3.21 ng/ul	96
72) Anthracene	17.52	178	143597	3.27 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	27852	2.53 ng/uL	97
74) Pentachlorobenzene	14.96	250	29167	2.78 ng/uL	96
75) Carbazole	17.78	167	133486	3.47 ng/ul	96
76) Di-n-butylphthalate	18.34	149	169804	3.38 ng/ul	98
77) Fluoranthene	19.43	202	168992	3.67 ng/ul	97
80) Pyrene	19.79	202	173196	3.16 ng/ul	97
81) Butylbenzylphthalate	20.68	149	68679	2.97 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.54	252	56119	3.34 ng/ul#	92
83) Benzo(a)anthracene	21.62	228	156345	3.12 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	102449	3.13 ng/ul	99
85) Chrysene	21.69	228	143714	3.06 ng/ul	99
87) Di-n-octyl phthalate	22.74	149	173431	3.36 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	156177	3.11 ng/ul	96
89) Benzo(k)fluoranthene	23.88	252	145333	3.00 ng/ul	97
91) Benzo(a)pyrene	24.69	252	146376	3.06 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.48	276	161779	2.93 ng/ul	99
93) Dibenzo(a,h)anthracene	28.54	278	133426	2.91 ng/ul	98
94) Benzo(g,h,i)perylene	29.60	276	134934	2.91 ng/ul	96

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

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