Quantitation Report (Qedit)

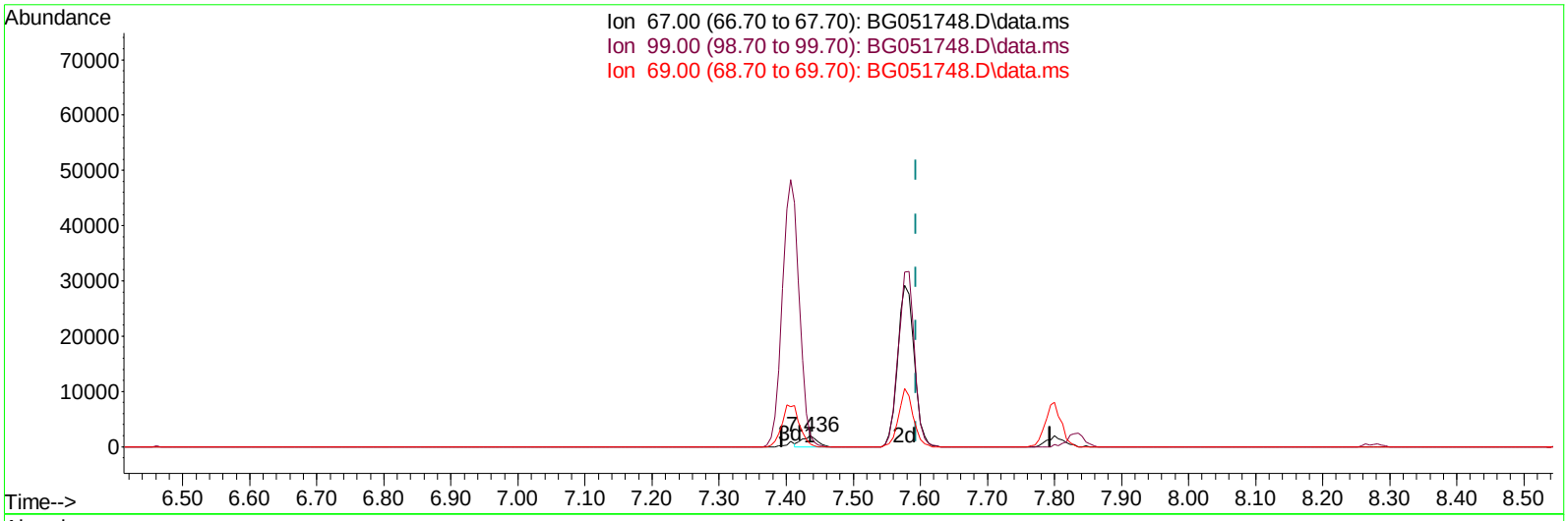
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051748.D
Acq On : 22 Dec 2021 13:10
Operator : CG/JU
Sample : PB141474BS
Misc :
ALS Vial : 76 Sample Multiplier: 1

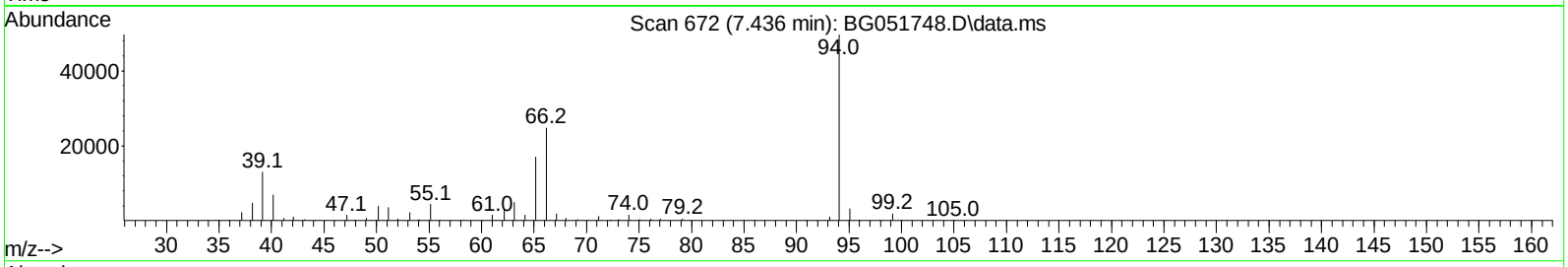
Quant Time: Dec 22 17:02:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

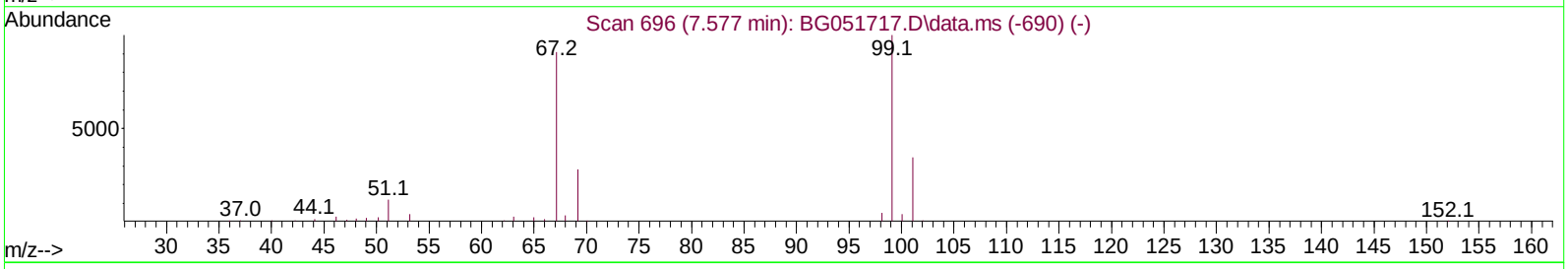
Instrument :
BNA_G
ClientSampleId :
SLCS474

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/28/2021







TIC: BG051748.D\data.ms

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

7.436min (-0.158) 1.17 ng/ul

response 3042

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	108.60	104.59
69.00	30.10	28.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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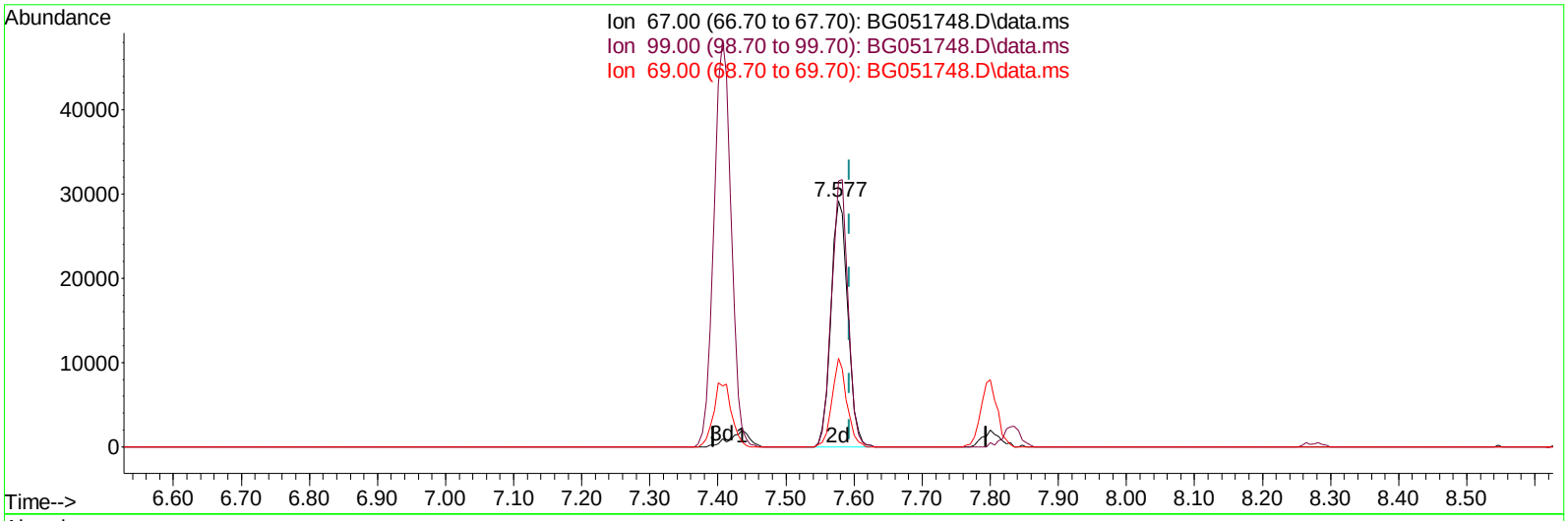

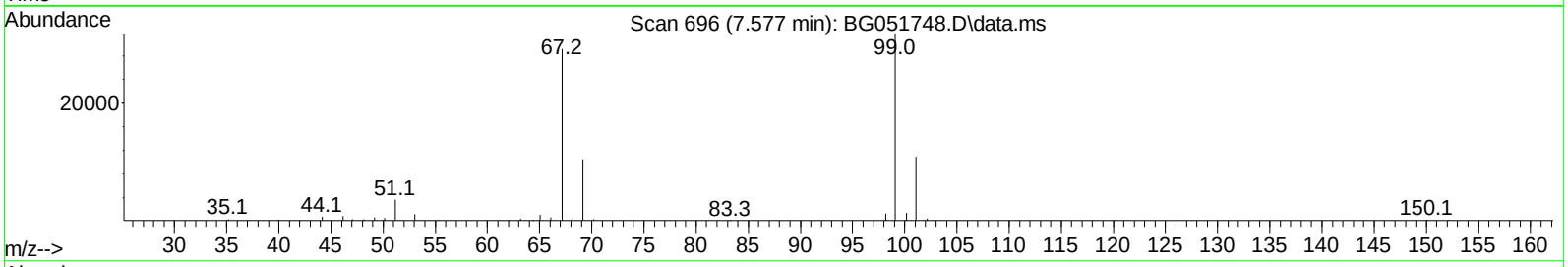

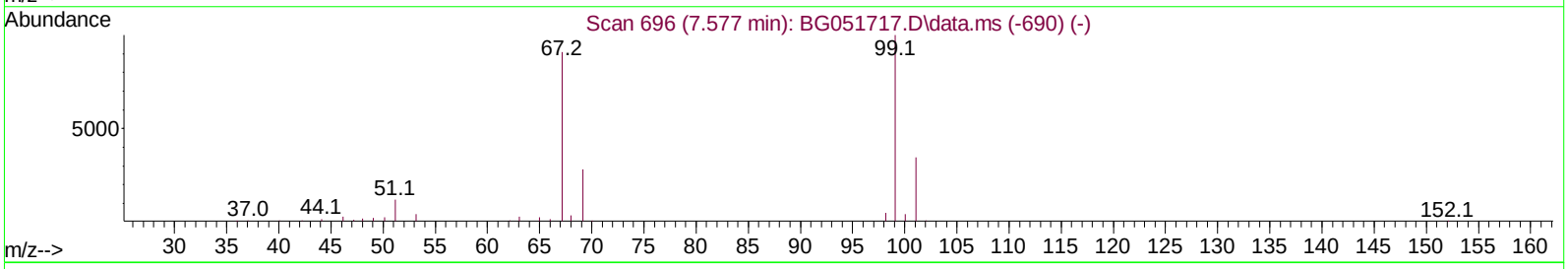

TIC: BG051748.D\data.ms

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

7.577min (-0.017) 19.22 ng/ul m

response 50126

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	108.60	108.23
69.00	30.10	36.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

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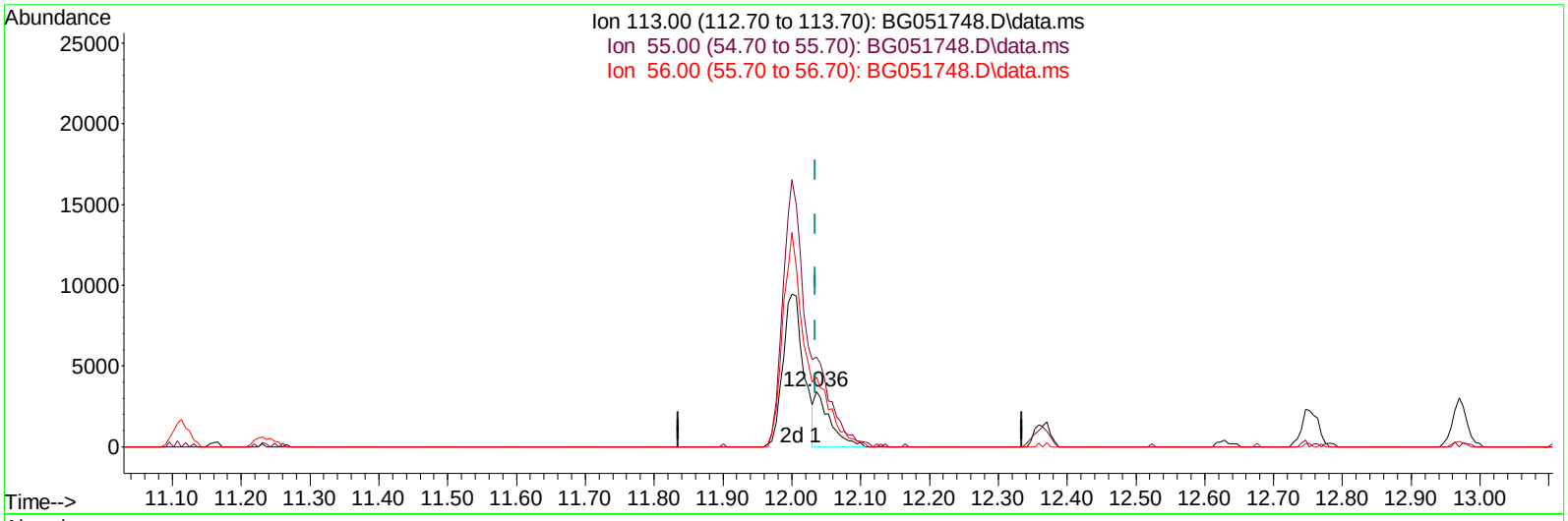

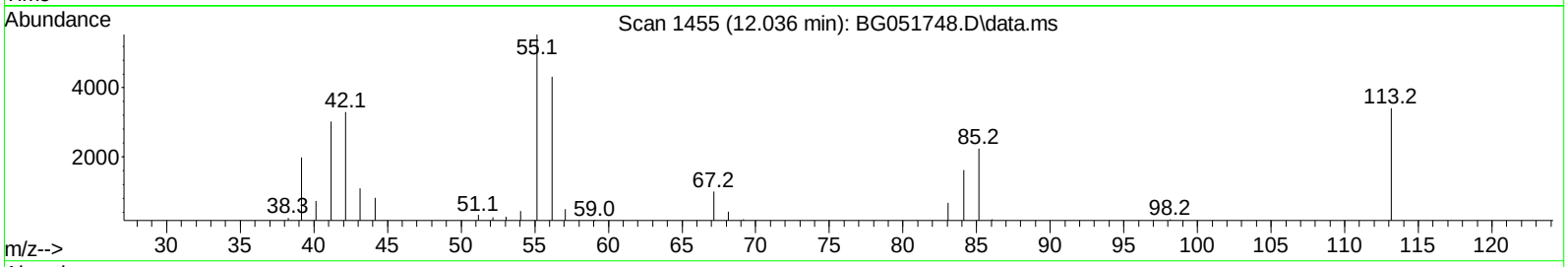

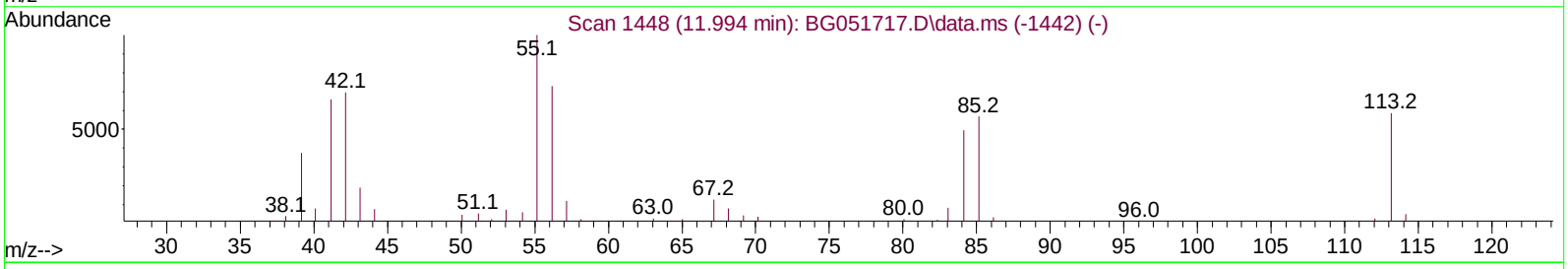

TIC: BG051748.D\data.ms

(34) Caprolactam

12.036min (+ 0.001) 5.17 ng/ul

response 5298

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	162.43
56.00	136.50	126.61
0.00	0.00	0.00

Quantitation Report (Qedit)

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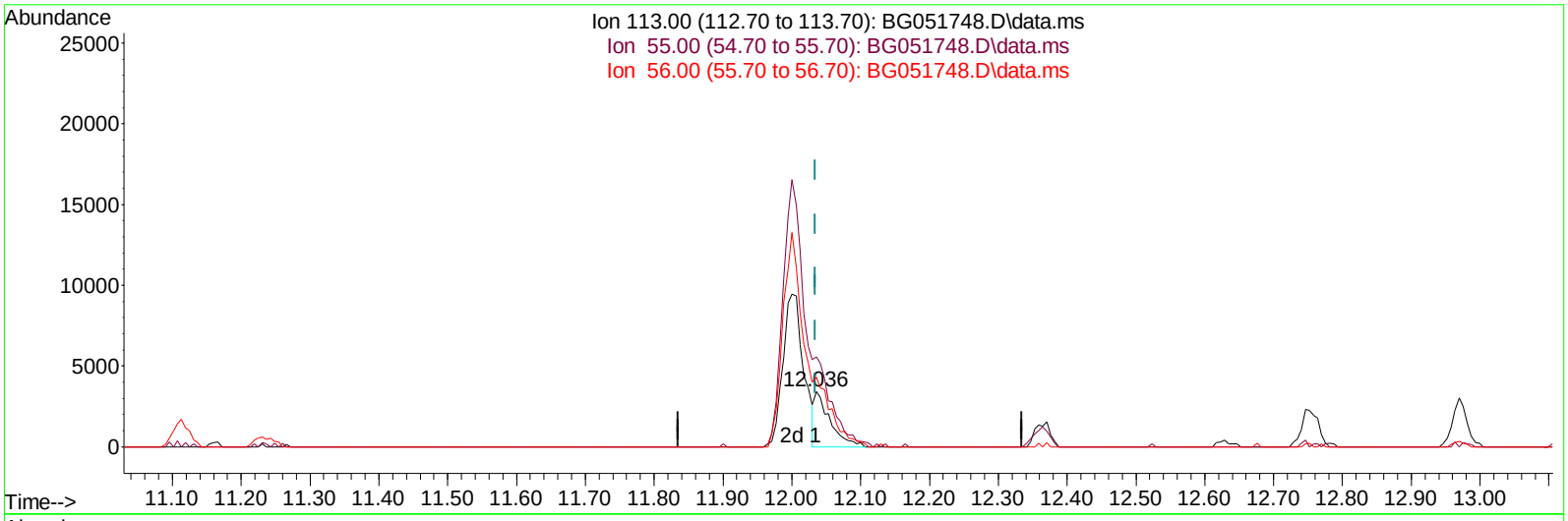

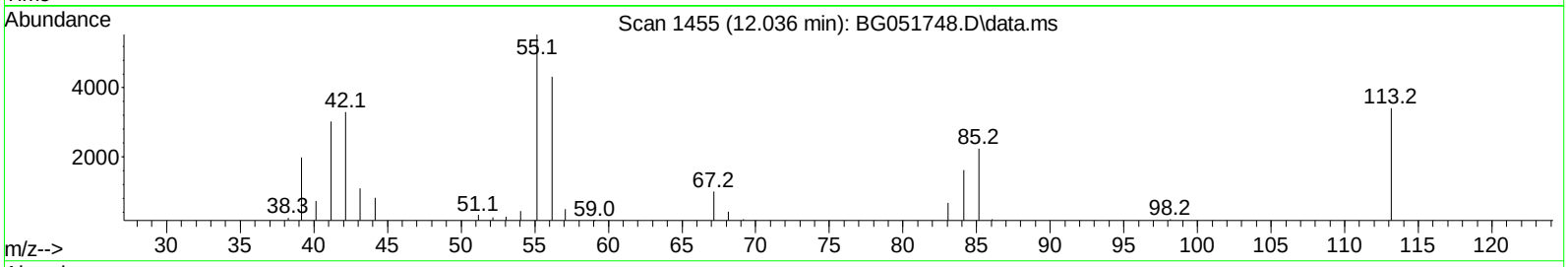

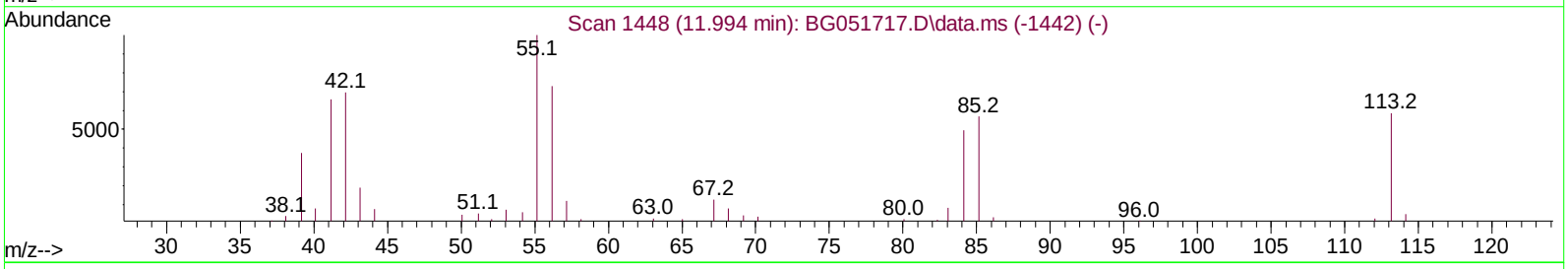

TIC: BG051748.D\data.ms

(34) Caprolactam

12.036min (+ 0.001) 5.17 ng/ul

response 5298

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	162.43
56.00	136.50	126.61
0.00	0.00	0.00

Quantitation Report (Qedit)

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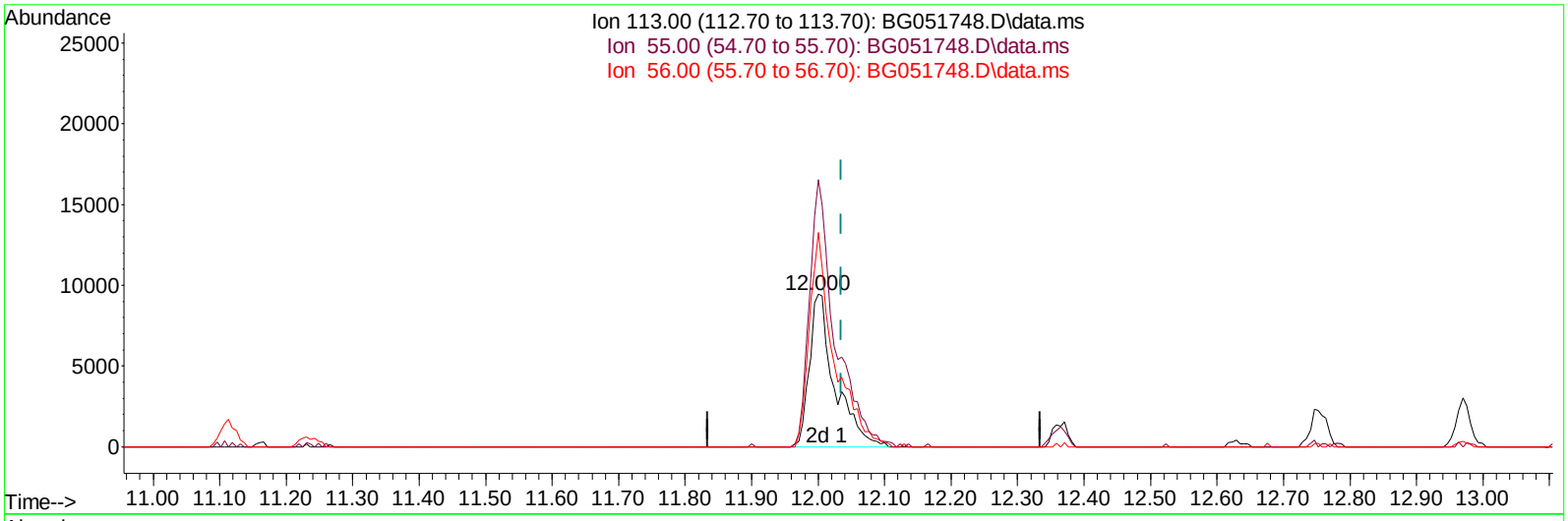

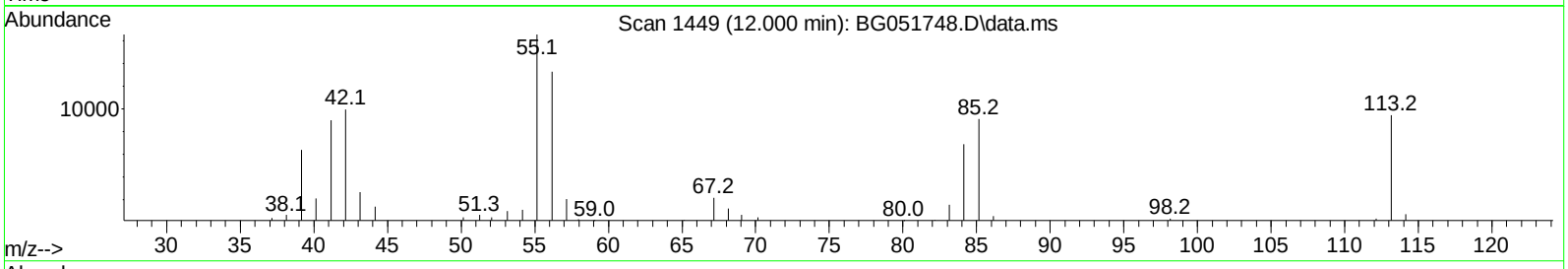

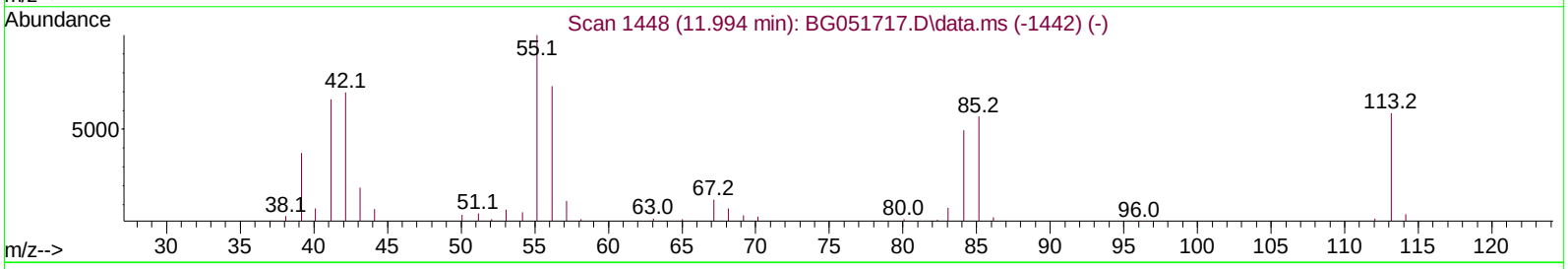

TIC: BG051748.D\data.ms

(34) Caprolactam

12.000min (-0.034) 24.39 ng/ul m

response 24985

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	175.20
56.00	136.50	140.69
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	49130	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	204579	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.914	164	141692	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	334614	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	312831	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	312404	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	4053	3.426	ng/uL	0.00
4) Pyridine-d5	4.029	84	60794	17.008	ng/ul	-0.02
7) Phenol-d5	7.406	99	84768	19.324	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.577	67	50126m	19.222	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	57908	18.981	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	65066	19.189	ng/ul	0.00
21) Nitrobenzene-d5	9.445	128	29958	19.973	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	32479	19.809	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.720	165	68121	19.158	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.231	131	81427	17.394	ng/ul	-0.01
46) Dimethylphthalate-d6	14.303	166	229815	20.264	ng/ul	-0.01
49) Acenaphthylene-d8	14.603	160	276408	19.624	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.078	143	36385	19.729	ng/ul	0.00
60) Fluorene-d10	15.901	176	197529	19.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.001	200	38828	22.272	ng/ul	-0.01
73) Anthracene-d10	17.757	188	331160	20.747	ng/ul	0.00
81) Pyrene-d10	20.031	212	398459	21.163	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.241	264	376372	22.897	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	9242	7.486	ng/uL#	88
5) Pyridine	4.046	79	67602	18.853	ng/ul	97
6) Benzaldehyde	7.395	77	59246	21.647	ng/ul	97
8) Phenol	7.436	94	82783	18.979	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.671	93	59871	17.992	ng/ul	93
12) 2-Chlorophenol	7.835	128	60001	19.172	ng/ul	90
13) 2-Methylphenol	8.705	108	62107	18.871	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.805	45	82165	18.203	ng/ul	97
16) Acetophenone	9.098	105	95051	17.846	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.075	70	56796	17.771	ng/ul	95
18) 4-Methylphenol	9.034	108	64886	18.706	ng/ul	95
19) Hexachloroethane	9.374	117	23583	17.270	ng/ul#	84
22) Nitrobenzene	9.486	77	83237	19.080	ng/ul#	96
23) Isophorone	10.015	82	160410	18.315	ng/ul	99
25) 2-Nitrophenol	10.209	139	34420	19.639	ng/ul	96
26) 2,4-Dimethylphenol	10.256	107	75080	17.780	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.491	93	82253	17.686	ng/ul	97
29) 2,4-Dichlorophenol	10.749	162	62261	18.403	ng/ul	99
30) Naphthalene	11.160	128	188034	17.060	ng/ul	99
32) 4-Chloroaniline	11.260	127	84439	17.664	ng/ul	100
33) Hexachlorobutadiene	11.454	225	48375	16.842	ng/ul	96
34) Caprolactam	12.000	113	24985m	24.393	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	74917	19.763	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	139962	17.800	ng/ul	100
37) 1-Methylnaphthalene	12.970	142	143105	17.528	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.116	216	91154	18.495	ng/ul	96
40) Hexachlorocyclopentadiene	13.099	237	45848	12.812	ng/ul	97
41) 2,4,6-Trichlorophenol	13.345	196	58919	19.748	ng/ul	94
42) 2,4,5-Trichlorophenol	13.422	196	64698	20.691	ng/ul	98
43) 1,1'-Biphenyl	13.745	154	201492	18.564	ng/ul#	95
44) 2-Chloronaphthalene	13.792	162	156453	18.645	ng/ul	98
45) 2-Nitroaniline	13.980	65	59668	23.277	ng/ul	94
47) Dimethylphthalate	14.350	163	216081	19.625	ng/ul#	99
48) 2,6-Dinitrotoluene	14.467	165	48192	22.896	ng/ul#	87
50) Acenaphthylene	14.638	152	259371	18.821	ng/ul	97
51) 3-Nitroaniline	14.796	138	47074	23.389	ng/ul	98
52) Acenaphthene	14.973	153	168835	18.545	ng/ul	95
53) 2,4-Dinitrophenol	15.002	184	20401	16.767	ng/ul	89
55) 4-Nitrophenol	15.090	109	38429	19.421	ng/ul	84
56) Dibenzofuran	15.308	168	252492	18.832	ng/ul	98
57) 2,4-Dinitrotoluene	15.255	165	66594	22.323	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.525	232	59826	20.132	ng/ul#	92
59) Diethylphthalate	15.707	149	220487	19.223	ng/ul	97
61) Fluorene	15.954	166	210518	19.056	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.942	204	116962	19.008	ng/ul	92
63) 4-Nitroaniline	15.960	138	47099	22.818	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.018	198	35506	20.738	ng/ul#	97
67) N-Nitrosodiphenylamine	16.148	169	187298	20.811	ng/ul	98
68) 4-Bromophenyl-phenylether	16.835	248	81599	23.945	ng/ul#	88
69) Hexachlorobenzene	16.964	284	90114	21.044	ng/ul#	92
70) Atrazine	17.093	200	80810	20.009	ng/ul	97
71) Pentachlorophenol	17.305	266	44886	17.108	ng/ul	97
72) Phenanthrene	17.698	178	348041	20.222	ng/ul	98
74) Anthracene	17.792	178	343891	19.779	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.716	216	96322	18.711	ng/uL	98
76) Pentachlorobenzene	15.231	250	99515	20.222	ng/uL	97
77) Carbazole	18.051	167	317291	20.379	ng/ul	97
78) Di-n-butylphthalate	18.597	149	383533	20.469	ng/ul	99
80) Fluoranthene	19.702	202	450642	20.852	ng/ul#	89
82) Pyrene	20.060	202	436833	20.425	ng/ul#	89
83) Butylbenzylphthalate	20.935	149	160094	22.321	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.858	252	158852	21.546	ng/ul#	94
85) Benzo(a)anthracene	21.957	228	436712	21.457	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.846	149	230242	22.917	ng/ul#	98
87) Chrysene	22.034	228	407174	20.708	ng/ul	98
89) Di-n-octyl phthalate	23.156	149	389489	23.147	ng/ul	100
90) Benzo(b)fluoranthene	24.360	252	449930	21.502	ng/ul#	96
91) Benzo(k)fluoranthene	24.436	252	423925	21.633	ng/ul#	96
93) Benzo(a)pyrene	25.312	252	425056	21.523	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.512	276	464077	21.525	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.588	278	380235	20.649	ng/ul#	93
96) Benzo(g,h,i)perylene	30.769	276	367009	20.087	ng/ul#	91

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

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