Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058223.D
Acq On : 14 Jul 2023 8:45
Operator : CG/JU
Sample : PB153962BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 14 09:41:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS962

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

07/15/2023
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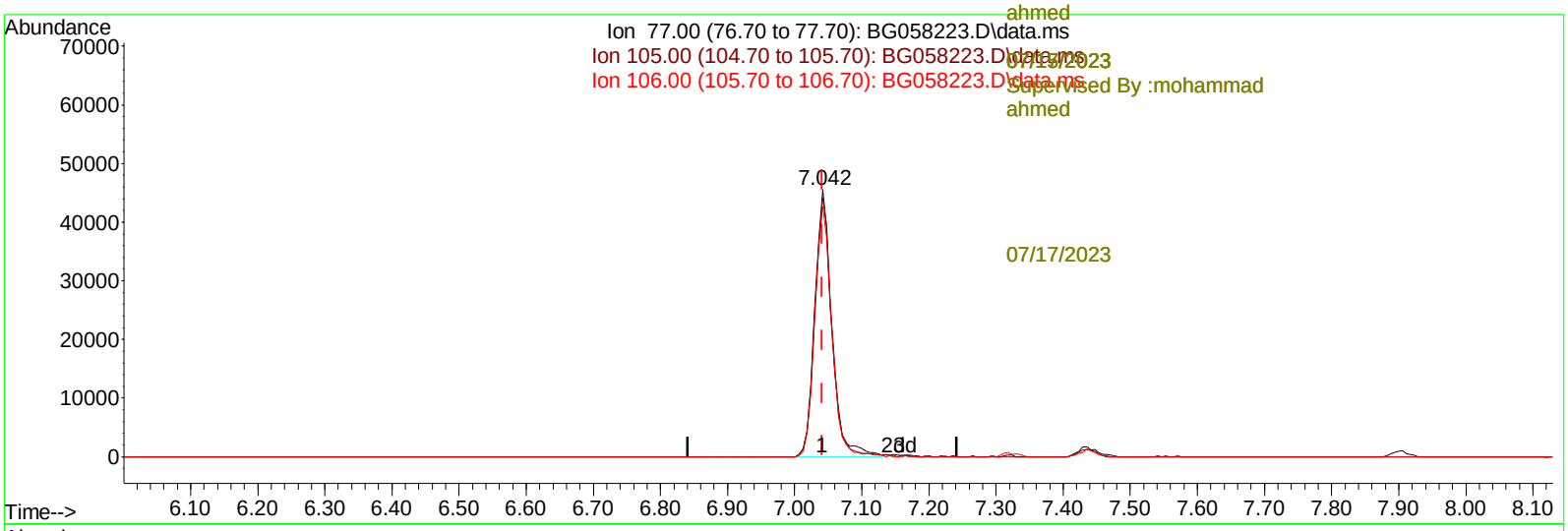
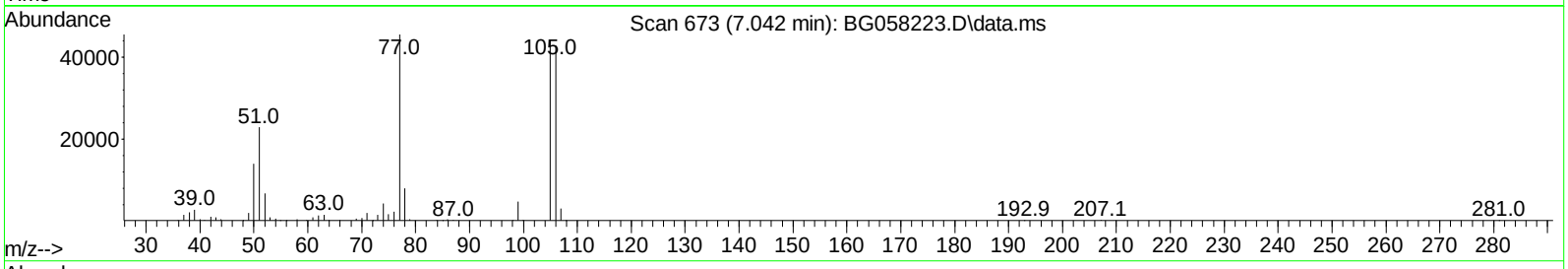
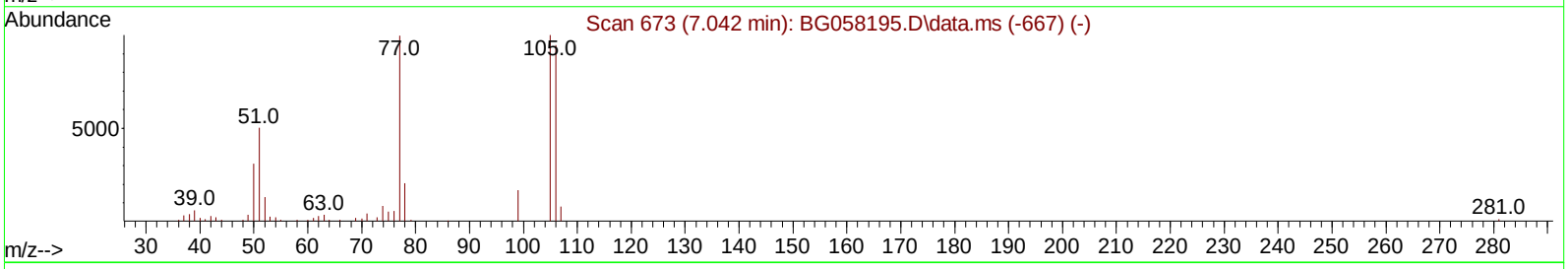
07/17/2023







TIC: BG058223.D\data.ms

(6) Benzaldehyde

7.042min (+ 0.000) 49.65 ng/ul

response 80755

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	97.12
106.00	94.90	93.81
0.00	0.00	0.00

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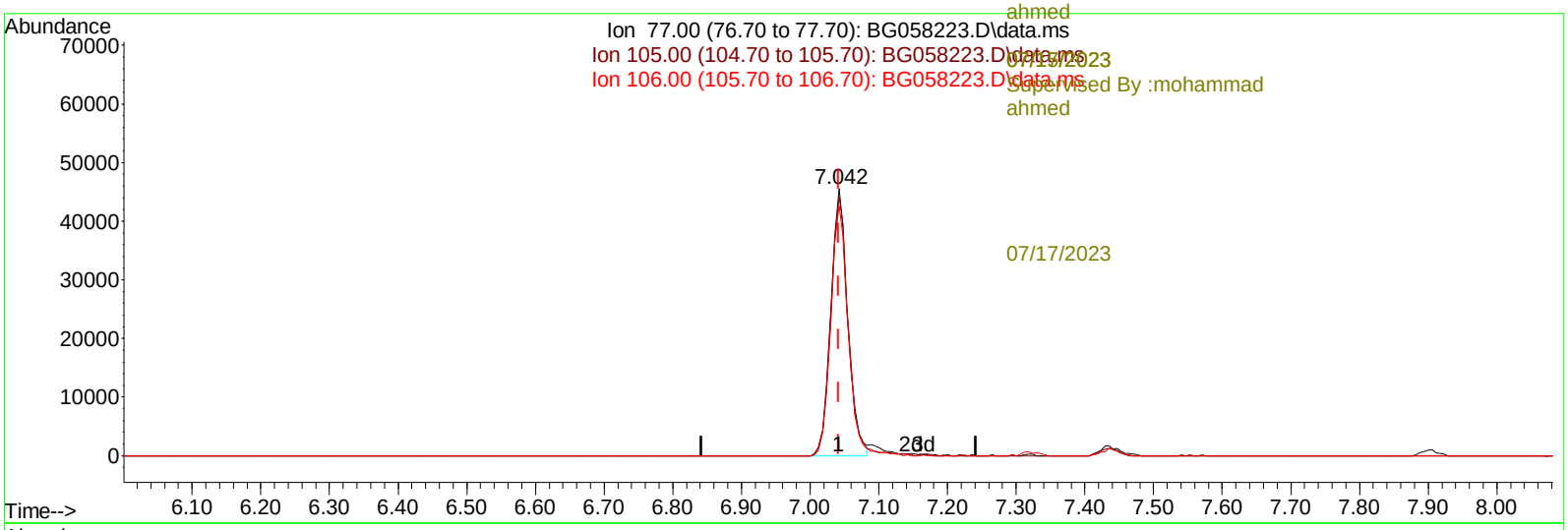

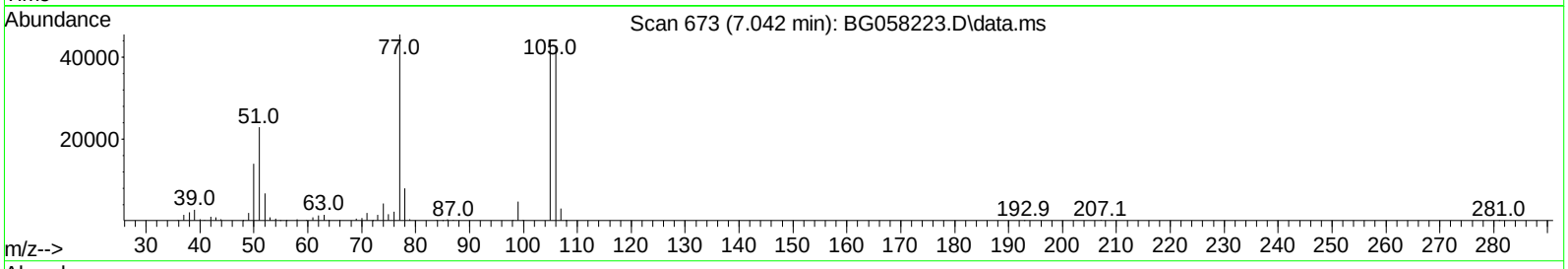

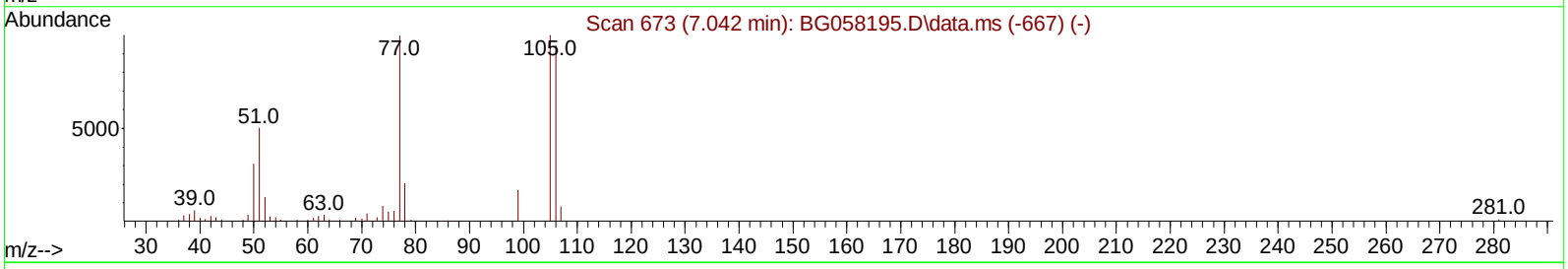

TIC: BG058223.D\data.ms

(6) Benzaldehyde

7.042min (+ 0.000) 47.93 ng/ul m

response 77949

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.40	97.12
106.00	94.90	93.81
0.00	0.00	0.00

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Operator : CG/JU
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Misc :
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Quant Time: Jul 14 09:41:46 2023
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Quant Title : SVOA CALIBRATION
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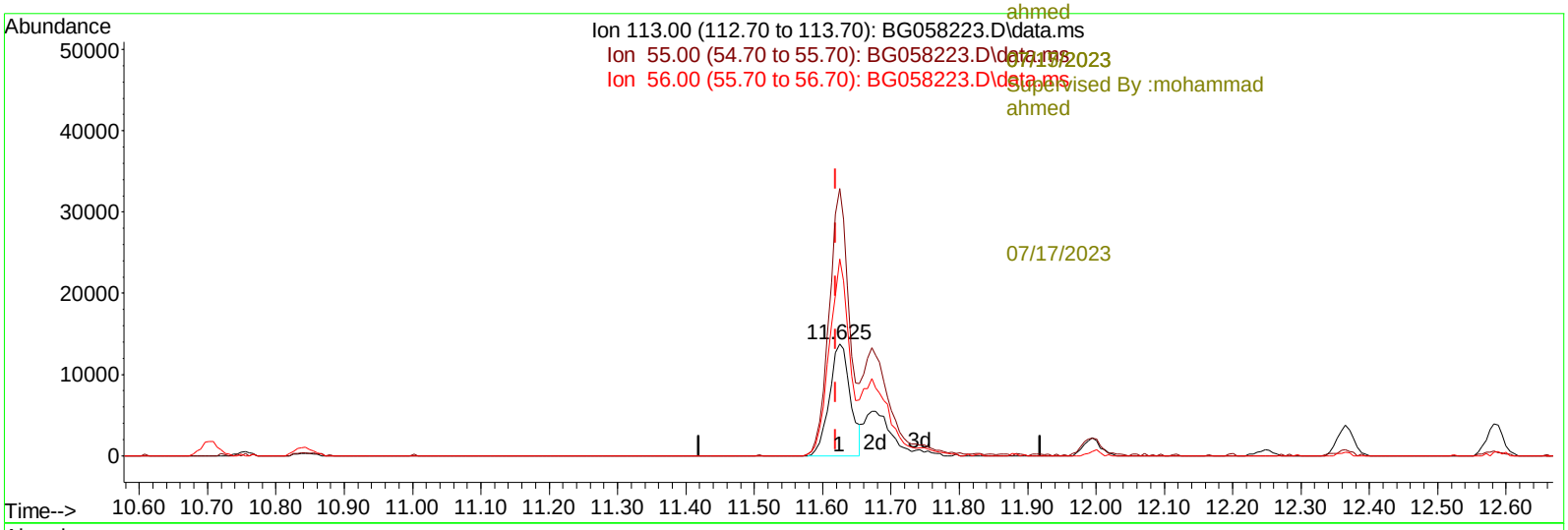

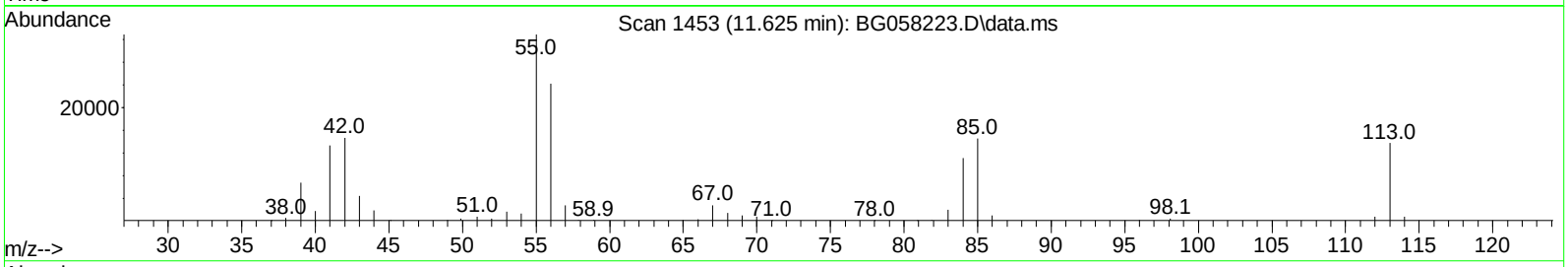

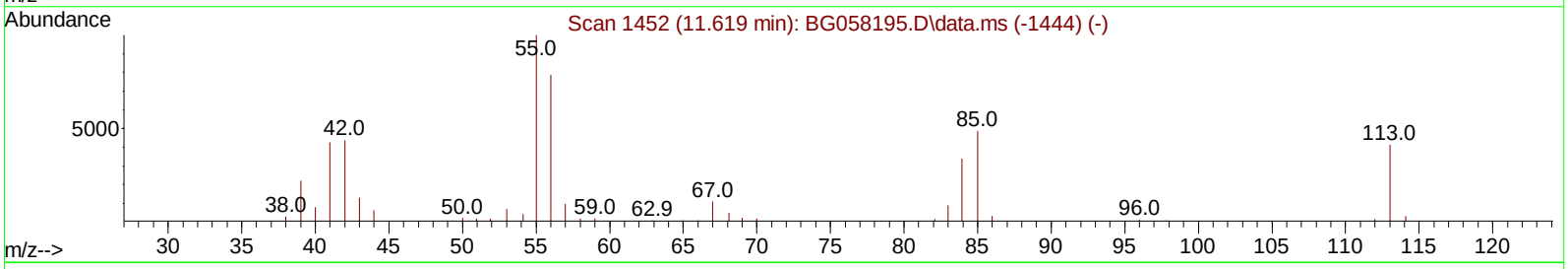

TIC: BG058223.D\data.ms

(34) Caprolactam

11.625min (+ 0.006) 20.10 ng/ul

response 29390

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	238.42
56.00	153.80	175.68
0.00	0.00	0.00

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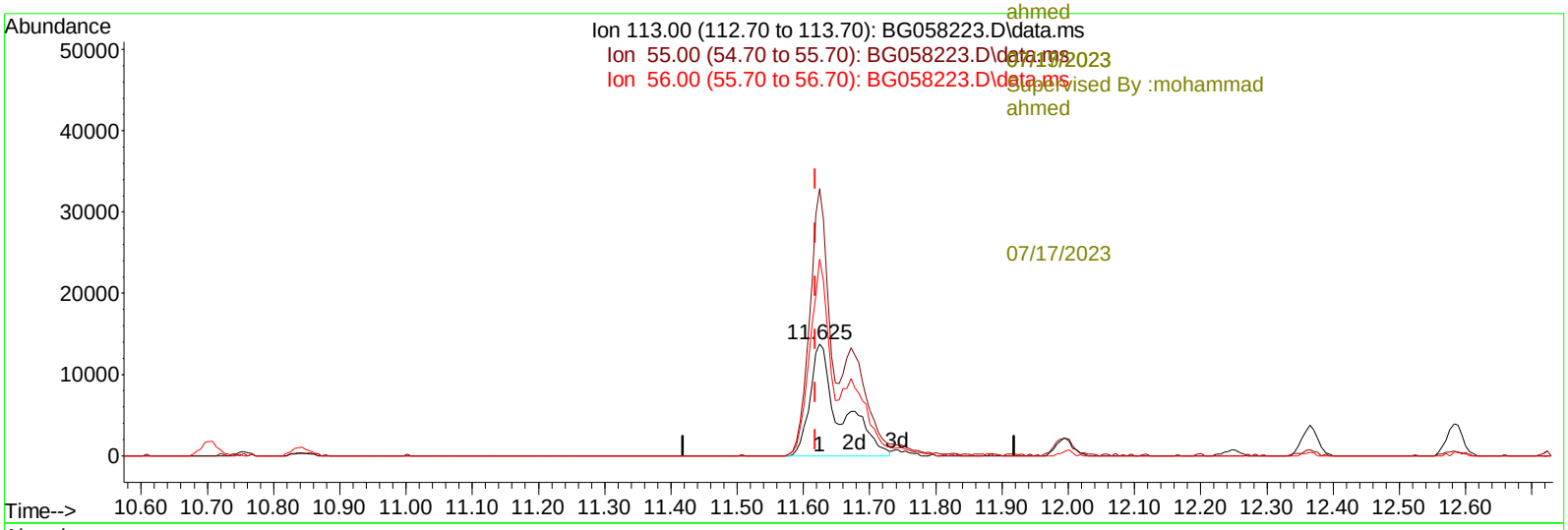

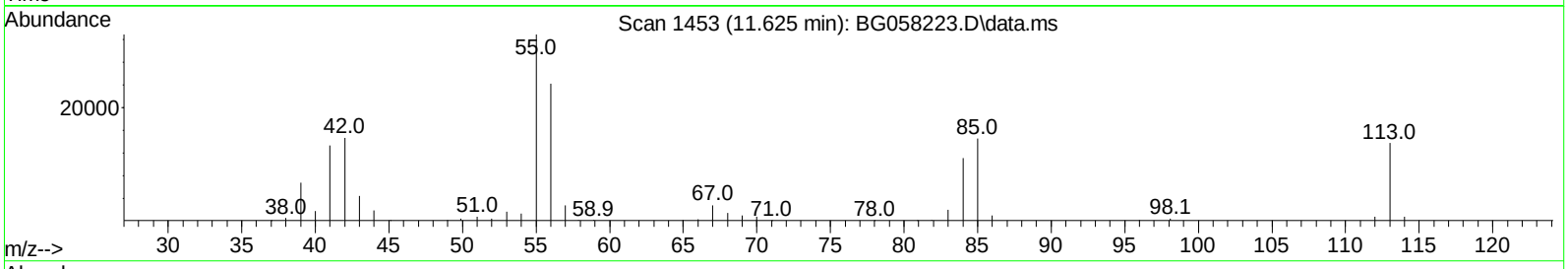

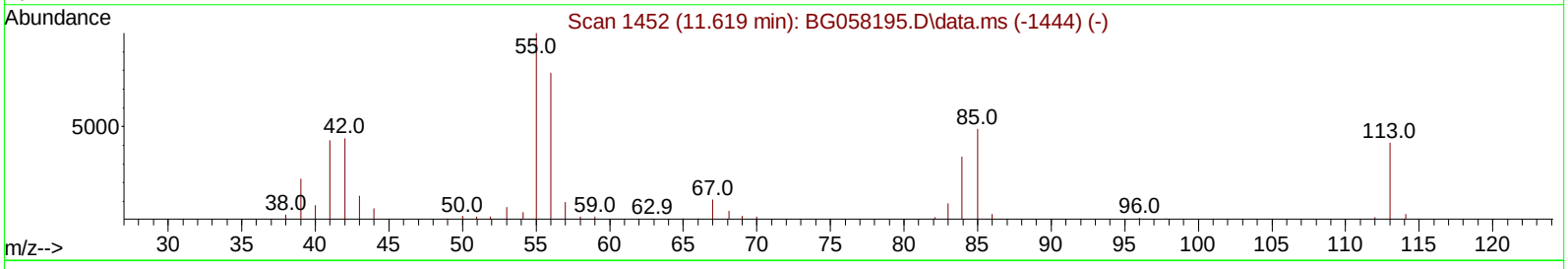

TIC: BG058223.D\data.ms

(34) Caprolactam

11.625min (+ 0.006) 30.03 ng/ul m

response 43915

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	238.42
56.00	153.80	175.68
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	7.900	152	47687	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	227679	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	158887	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	374529	20.000	ng/ul	0.00
79) Chrysene-d12	21.542	240	318353	20.000	ng/ul	0.00
88) Perylene-d12	24.680	264	398267	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	8163	5.994	ng/uL	0.00
4) Pyridine-d5	3.752	84	126599	30.621	ng/ul	0.00
7) Phenol-d5	7.071	99	176808	36.305	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	105005	35.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	121982	36.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	132889	36.163	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	65081	35.071	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	74215	38.053	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	135531	36.225	ng/ul	0.00
31) 4-Chloroaniline-d4	10.837	131	180438	31.810	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	420209	33.519	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	482824	35.294	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	71569	32.313	ng/ul	0.00
60) Fluorene-d10	15.532	176	371750	34.917	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	72664	35.730	ng/ul	0.00
73) Anthracene-d10	17.383	188	585432	33.686	ng/ul	0.00
81) Pyrene-d10	19.674	212	702802	35.052	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.468	264	727996	35.878	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	17976	10.685	ng/uL	97
5) Pyridine	3.775	79	123268	29.099	ng/ul	99
6) Benzaldehyde	7.042	77	77949m	47.928	ng/ul	
8) Phenol	7.095	94	166501	33.691	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.324	93	122339	32.061	ng/ul	98
12) 2-Chlorophenol	7.471	128	115313	32.991	ng/ul	96
13) 2-Methylphenol	8.346	108	127993	32.977	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	200940	34.210	ng/ul	98
16) Acetophenone	8.722	105	203165	33.323	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.710	70	105649	32.415	ng/ul	98
18) 4-Methylphenol	8.675	108	142979	34.069	ng/ul	99
19) Hexachloroethane	8.981	117	45820	34.196	ng/ul	97
22) Nitrobenzene	9.110	77	154190	32.007	ng/ul	98
23) Isophorone	9.627	82	319946	31.126	ng/ul	98
25) 2-Nitrophenol	9.815	139	70250	33.568	ng/ul	92
26) 2,4-Dimethylphenol	9.880	107	128146	27.231	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.109	93	179141	30.927	ng/ul	98
29) 2,4-Dichlorophenol	10.356	162	119776	32.927	ng/ul	95
30) Naphthalene	10.755	128	404389	31.605	ng/ul	100
32) 4-Chloroaniline	10.867	127	135832	23.419	ng/ul	99
33) Hexachlorobutadiene	11.037	225	83143	32.284	ng/ul	96
34) Caprolactam	11.625	113	43915m	30.028	ng/ul	
35) 4-Chloro-3-methylphenol	11.995	107	149856	33.536	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.365	142	277547	32.179 ng/ul	97
37) 1-Methylnaphthalene	12.582	142	279126	32.272 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.735	216	160717	33.192 ng/ul	100
40) Hexachlorocyclopentadiene	12.712	237	65514	21.481 ng/ul	96
41) 2,4,6-Trichlorophenol	12.976	196	106543	32.466 ng/ul	97
42) 2,4,5-Trichlorophenol	13.047	196	114886	32.370 ng/ul	96
43) 1,1'-Biphenyl	13.376	154	364723	31.853 ng/ul	99
44) 2-Chloronaphthalene	13.417	162	298038	32.432 ng/ul	99
45) 2-Nitroaniline	13.622	65	108672	34.013 ng/ul	98
47) Dimethylphthalate	13.992	163	387144	30.738 ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	83849	32.433 ng/ul	90
50) Acenaphthylene	14.263	152	471458	31.914 ng/ul	98
51) 3-Nitroaniline	14.451	138	81746	37.416 ng/ul	99
52) Acenaphthene	14.604	153	326313	32.190 ng/ul	98
53) 2,4-Dinitrophenol	14.656	184	41153	30.533 ng/ul	93
55) 4-Nitrophenol	14.762	109	49517	30.179 ng/ul	85
56) Dibenzofuran	14.938	168	459761	31.906 ng/ul	98
57) 2,4-Dinitrotoluene	14.903	165	121464	33.161 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.168	232	94822	29.348 ng/ul#	98
59) Diethylphthalate	15.356	149	400207	30.444 ng/ul	99
61) Fluorene	15.591	166	373831	31.618 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.579	204	200869	32.108 ng/ul	98
63) 4-Nitroaniline	15.614	138	83967	42.902 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.673	198	68910	33.134 ng/ul	98
67) N-Nitrosodiphenylamine	15.796	169	322579	32.363 ng/ul	98
68) 4-Bromophenyl-phenylether	16.472	248	137609	33.472 ng/ul	98
69) Hexachlorobenzene	16.589	284	155147	33.707 ng/ul	99
70) Atrazine	16.736	200	57265	14.049 ng/ul	99
71) Pentachlorophenol	16.936	266	73394	26.560 ng/ul	97
72) Phenanthrene	17.330	178	606874	31.855 ng/ul	99
74) Anthracene	17.418	178	597889	31.013 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	171638	34.555 ng/uL	100
76) Pentachlorobenzene	14.862	250	404472	76.245 ng/uL	98
77) Carbazole	17.688	167	568156	32.586 ng/ul	99
78) Di-n-butylphthalate	18.240	149	704065	31.700 ng/ul	100
80) Fluoranthene	19.339	202	739506	31.830 ng/ul	99
82) Pyrene	19.703	202	740044	31.644 ng/ul	99
83) Butylbenzylphthalate	20.585	149	319244	33.664 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.437	252	284836	36.958 ng/ul	99
85) Benzo(a)anthracene	21.519	228	748448	32.743 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	456988	33.627 ng/ul	99
87) Chrysene	21.584	228	718951	33.552 ng/ul	99
89) Di-n-octyl phthalate	22.600	149	810555	33.124 ng/ul	100
90) Benzo(b)fluoranthene	23.681	252	803025	32.564 ng/ul	99
91) Benzo(k)fluoranthene	23.752	252	770334	31.870 ng/ul	99
93) Benzo(a)pyrene	24.539	252	692434	31.725 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.258	276	944227	32.578 ng/ul	99
95) Dibenzo(a,h)anthracene	28.323	278	787523	32.951 ng/ul	98
96) Benzo(g,h,i)perylene	29.386	276	768618	32.467 ng/ul	99

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

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