Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051602.D
Acq On : 17 Dec 2021 18:20
Operator : CG/JU
Sample : PB141447BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 17 23:04:33 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 :
SLCS447

Manual IntegrationsAPPROVED

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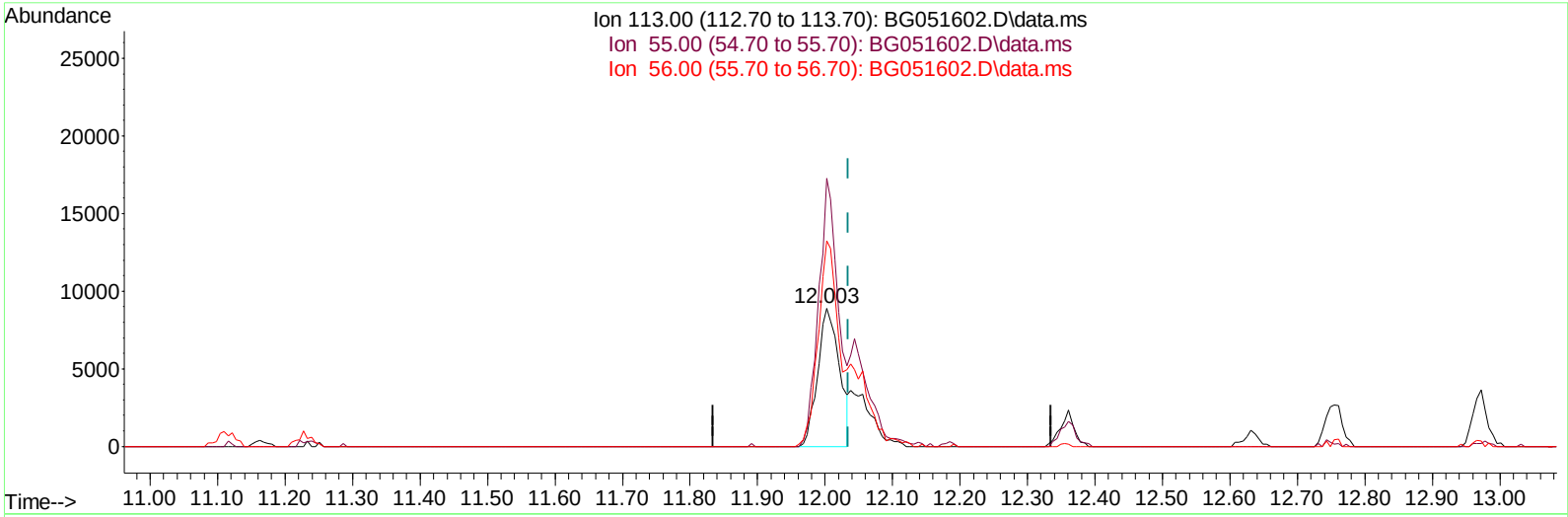
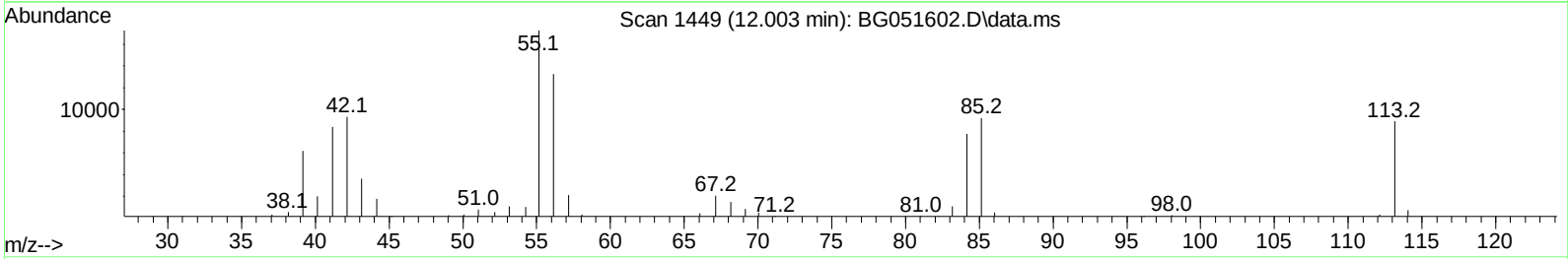
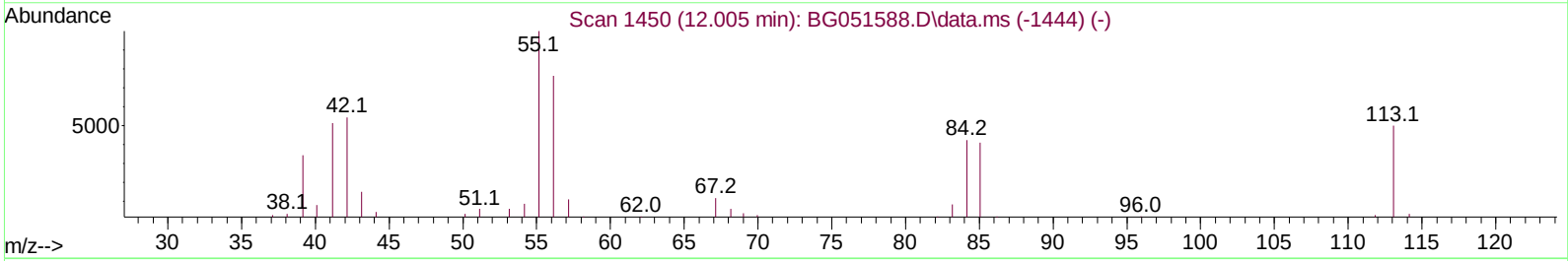
Supervised By :mohammad ahmed 12/24/2021







TIC: BG051602.D\data.ms

(34) Caprolactam

12.003min (-0.032) 30.67 ng/ul

response 19809

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	193.76
56.00	136.50	148.82
0.00	0.00	0.00

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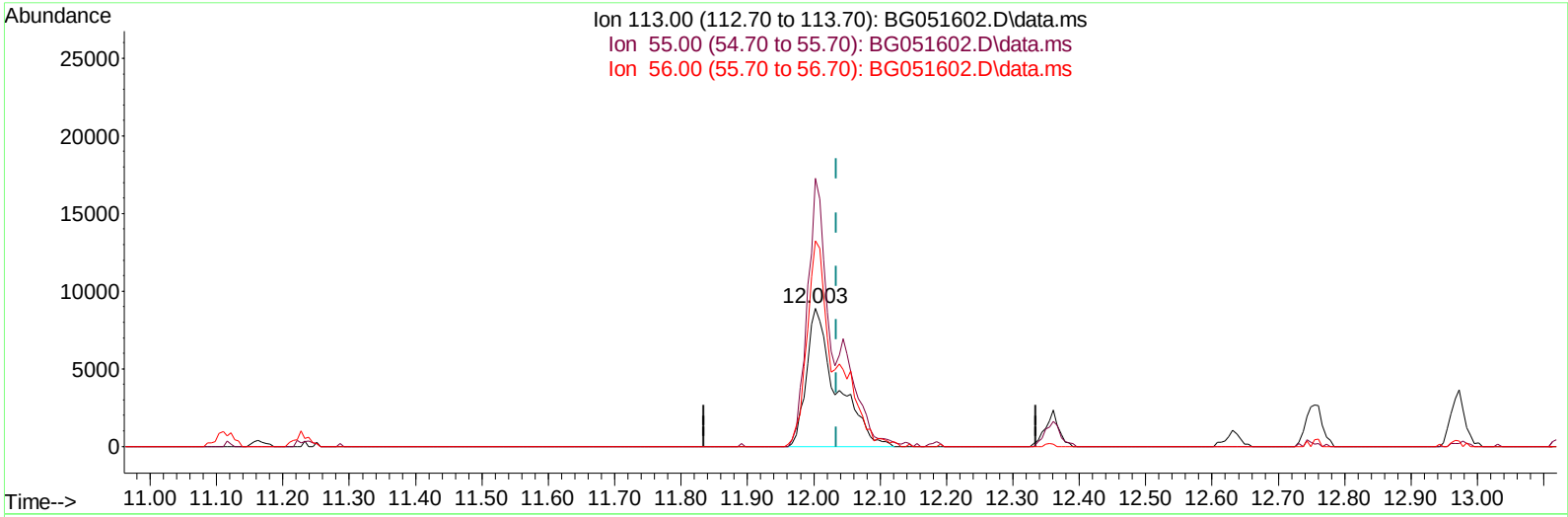

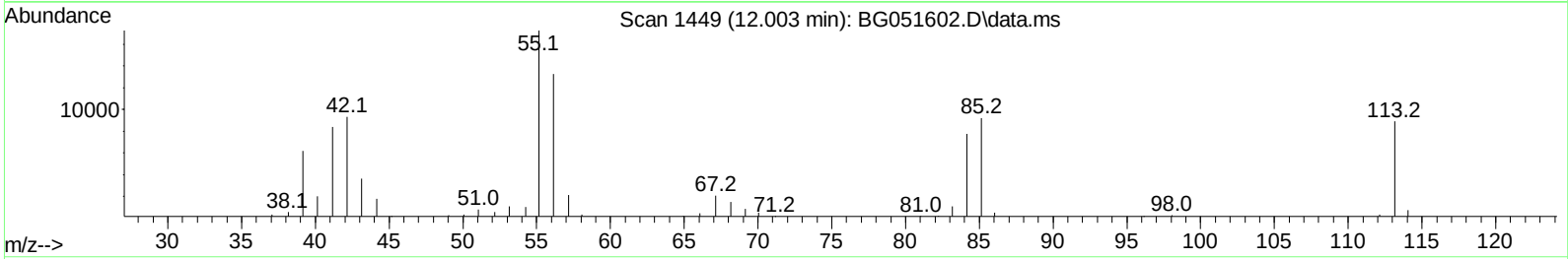

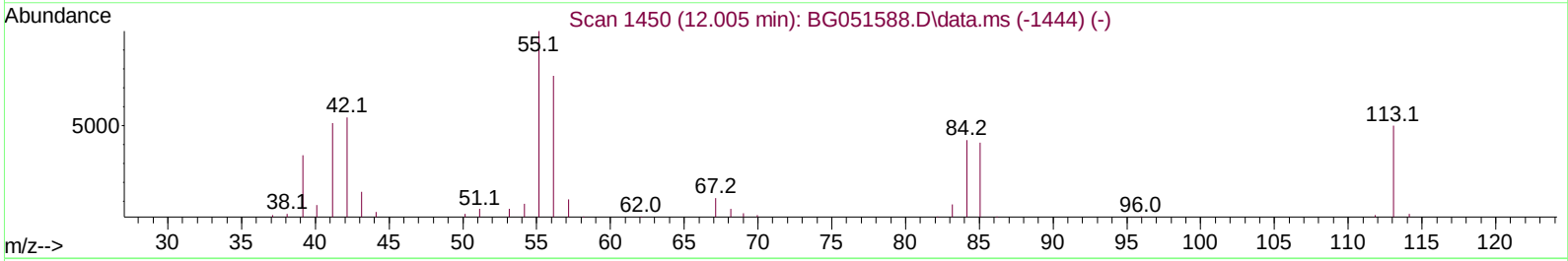

TIC: BG051602.D\data.ms

(34) Caprolactam

12.003min (-0.032) 43.31 ng/ul m

response 27976

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	193.76
56.00	136.50	148.82
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	8.278	152	32526	20.000	ng/ul	0.00
20) Naphthalene-d8	11.110	136	129019	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.911	164	92254	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.654	188	228786	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.977	240	222549	20.000	ng/ul	# 0.00
88) Perylene-d12	25.473	264	223748	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.602	96	4805	6.135	ng/uL	0.00
4) Pyridine-d5	4.025	84	73094	30.889	ng/ul	-0.02
7) Phenol-d5	7.403	99	95760	32.974	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.579	67	56163	32.531	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.803	132	66594	32.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.972	113	73128	32.576	ng/ul	0.00
21) Nitrobenzene-d5	9.442	128	32815	34.691	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.176	143	37384	36.153	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.722	165	77909	34.744	ng/ul	0.00
31) 4-Chloroaniline-d4	11.233	131	88416	29.947	ng/ul	0.00
46) Dimethylphthalate-d6	14.300	166	252657	34.217	ng/ul	-0.01
49) Acenaphthylene-d8	14.605	160	305835	33.350	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	42332	35.254	ng/ul	0.00
60) Fluorene-d10	15.897	176	228105	34.480	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.997	200	44845	37.622	ng/ul	-0.01
73) Anthracene-d10	17.754	188	371334	34.024	ng/ul	0.00
81) Pyrene-d10	20.027	212	457324	34.144	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.232	264	425720	36.161	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.638	88	11059	13.530	ng/uL#	91
5) Pyridine	4.049	79	80619	33.960	ng/ul	95
6) Benzaldehyde	7.397	77	66164	36.516	ng/ul	98
8) Phenol	7.432	94	101803	35.254	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.673	93	73373	33.305	ng/ul	94
12) 2-Chlorophenol	7.832	128	71307	34.416	ng/ul	96
13) 2-Methylphenol	8.701	108	75192	34.511	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.801	45	100826	33.740	ng/ul	99
16) Acetophenone	9.101	105	116094	32.923	ng/ul	91
17) N-Nitroso-di-n-propyla...	9.083	70	69086	32.652	ng/ul	96
18) 4-Methylphenol	9.036	108	78248	34.074	ng/ul	92
19) Hexachloroethane	9.377	117	28298	31.302	ng/ul	85
22) Nitrobenzene	9.489	77	100152	36.402	ng/ul	99
23) Isophorone	10.017	82	193108	34.961	ng/ul#	96
25) 2-Nitrophenol	10.205	139	42326	38.293	ng/ul	92
26) 2,4-Dimethylphenol	10.252	107	91481	34.351	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.493	93	101078	34.462	ng/ul	99
29) 2,4-Dichlorophenol	10.746	162	77782	36.456	ng/ul	97
30) Naphthalene	11.163	128	237371	34.149	ng/ul	99
32) 4-Chloroaniline	11.257	127	100672	33.393	ng/ul	99
33) Hexachlorobutadiene	11.456	225	61683	34.053	ng/ul	99
34) Caprolactam	12.003	113	27976m	43.309	ng/ul	
35) 4-Chloro-3-methylphenol	12.361	107	87474	36.590	ng/ul	93

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.755	142	169650	34.211 ng/ul	98
37) 1-Methylnaphthalene	12.972	142	176337	34.247 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.119	216	113819	35.470 ng/ul	96
40) Hexachlorocyclopentadiene	13.101	237	70713	30.350 ng/ul	97
41) 2,4,6-Trichlorophenol	13.348	196	74279	38.238 ng/ul	99
42) 2,4,5-Trichlorophenol	13.413	196	81032	39.803 ng/ul	97
43) 1,1'-Biphenyl	13.747	154	245704	34.769 ng/ul#	96
44) 2-Chloronaphthalene	13.794	162	191506	35.053 ng/ul	98
45) 2-Nitroaniline	13.977	65	68425	40.997 ng/ul	94
47) Dimethylphthalate	14.347	163	258963	36.124 ng/ul	100
48) 2,6-Dinitrotoluene	14.464	165	56101	40.937 ng/ul	96
50) Acenaphthylene	14.634	152	315965	35.215 ng/ul	98
51) 3-Nitroaniline	14.793	138	50980	38.904 ng/ul	93
52) Acenaphthene	14.975	153	206762	34.882 ng/ul	93
53) 2,4-Dinitrophenol	14.993	184	30199	38.121 ng/ul#	43
55) 4-Nitrophenol	15.087	109	47254	36.679 ng/ul	83
56) Dibenzofuran	15.304	168	305021	34.941 ng/ul	98
57) 2,4-Dinitrotoluene	15.245	165	80051	41.214 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.522	232	75598	39.072 ng/ul	89
59) Diethylphthalate	15.710	149	266087	35.631 ng/ul	97
61) Fluorene	15.956	166	252197	35.063 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.939	204	140718	35.124 ng/ul	94
63) 4-Nitroaniline	15.956	138	52957	39.404 ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.015	198	44776	38.249 ng/ul	97
67) N-Nitrosodiphenylamine	16.144	169	222279	36.121 ng/ul	97
68) 4-Bromophenyl-phenylether	16.837	248	100364	43.075 ng/ul#	87
69) Hexachlorobenzene	16.961	284	109130	37.273 ng/ul#	90
70) Atrazine	17.090	200	96244	34.855 ng/ul	96
71) Pentachlorophenol	17.301	266	66027	36.806 ng/ul	96
72) Phenanthrene	17.701	178	422774	35.927 ng/ul	99
74) Anthracene	17.789	178	416065	34.999 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.718	216	118174	33.575 ng/uL	95
76) Pentachlorobenzene	15.228	250	121368	36.071 ng/uL	99
77) Carbazole	18.053	167	384619	36.130 ng/ul	97
78) Di-n-butylphthalate	18.600	149	457018	35.673 ng/ul	100
80) Fluoranthene	19.698	202	560201	36.437 ng/ul#	90
82) Pyrene	20.057	202	539650	35.468 ng/ul#	89
83) Butylbenzylphthalate	20.932	149	192476	37.722 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.854	252	190116	36.247 ng/ul#	96
85) Benzo(a)anthracene	21.954	228	526114	36.336 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.848	149	270102	37.791 ng/ul#	97
87) Chrysene	22.024	228	501211	35.831 ng/ul	97
89) Di-n-octyl phthalate	23.158	149	454277	37.695 ng/ul	100
90) Benzo(b)fluoranthene	24.357	252	560657	37.409 ng/ul#	94
91) Benzo(k)fluoranthene	24.433	252	509753	36.321 ng/ul#	96
93) Benzo(a)pyrene	25.308	252	519671	36.741 ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.503	276	597330	38.683 ng/ul#	91
95) Dibenzo(a,h)anthracene	29.579	278	498006	37.760 ng/ul#	92
96) Benzo(g,h,i)perylene	30.766	276	494694	37.804 ng/ul#	88

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

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