Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051632.D
Acq On : 18 Dec 2021 15:59
Operator : CG/JU
Sample : PB141449BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 18 20:44:42 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 :
SLCS449

Manual IntegrationsAPPROVED

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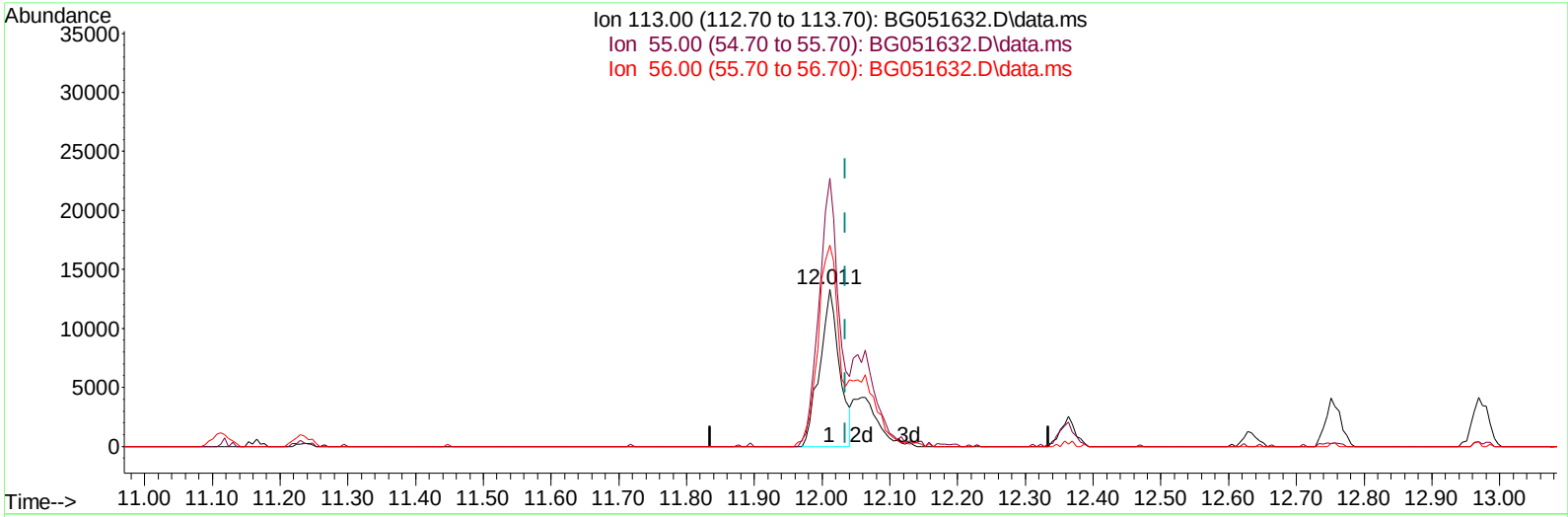
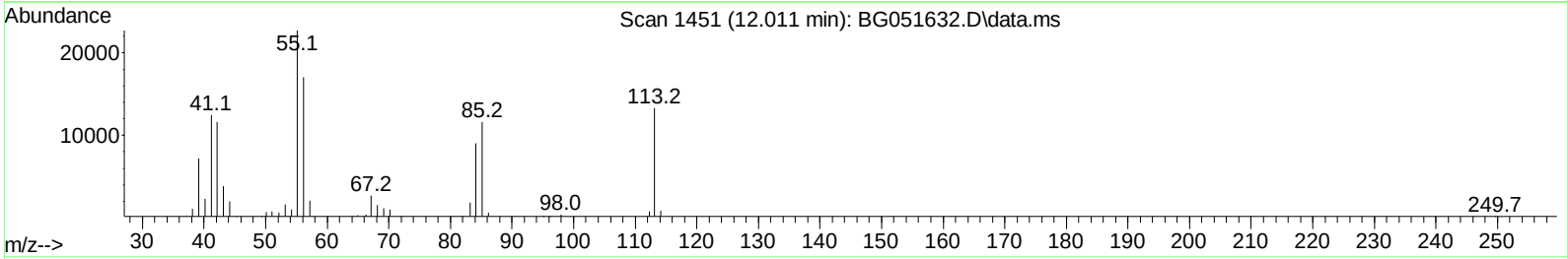
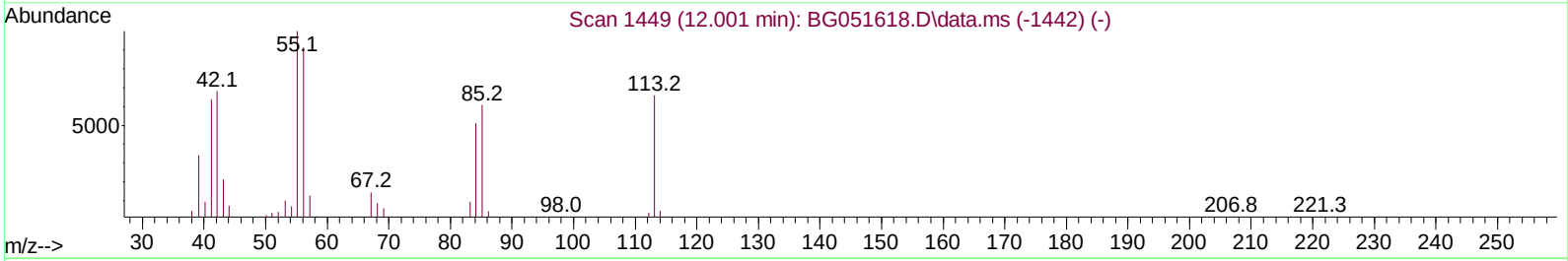
Supervised By :mohammad ahmed 12/24/2021







TIC: BG051632.D\data.ms

(34) Caprolactam

12.011min (-0.024) 32.56 ng/ul

response 26740

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	170.57
56.00	136.50	128.25
0.00	0.00	0.00

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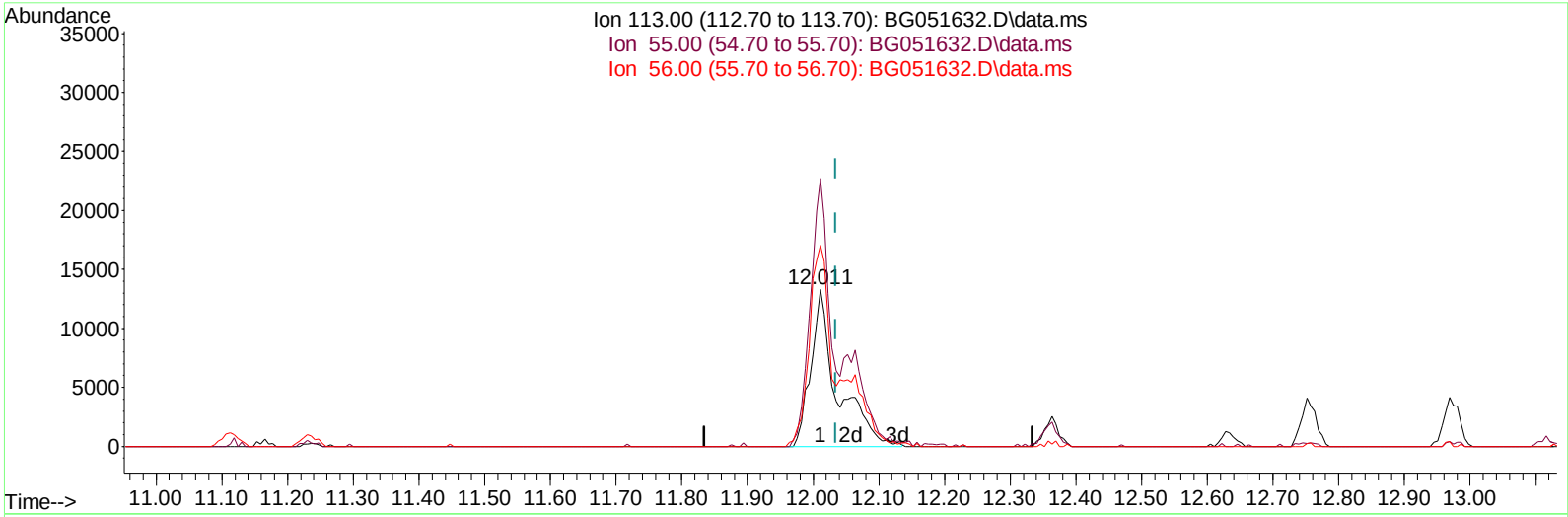

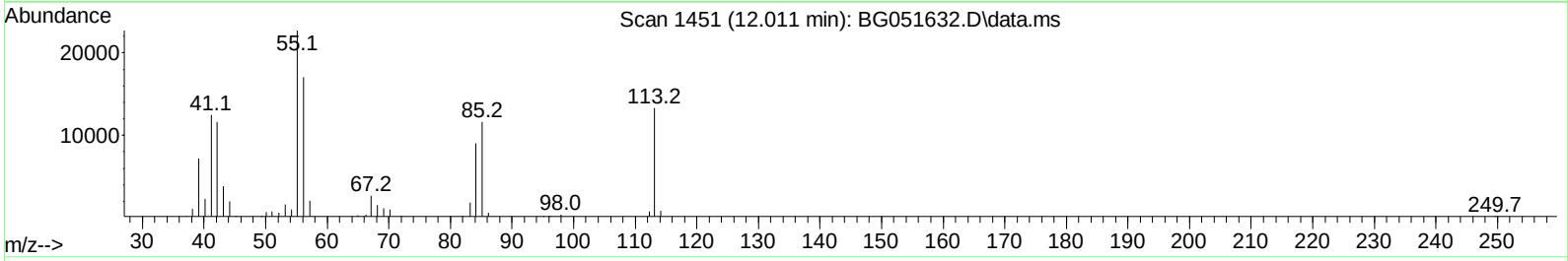

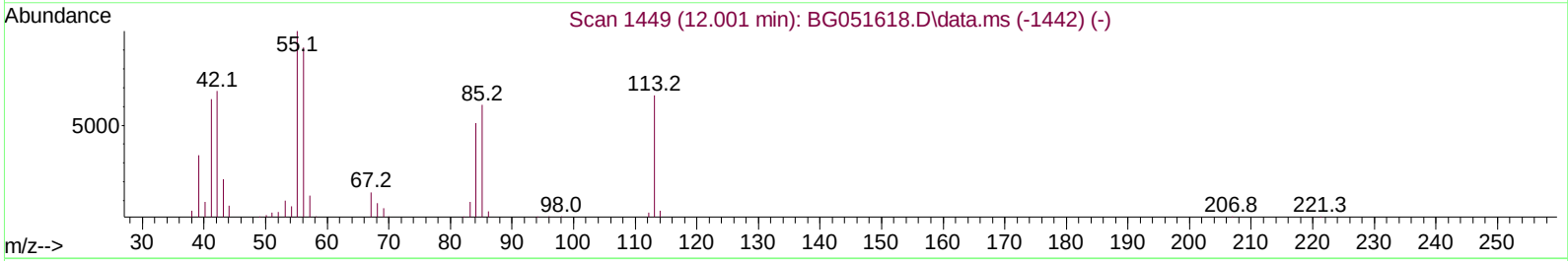

TIC: BG051632.D\data.ms

(34) Caprolactam

12.011min (-0.024) 45.48 ng/ul m

response 37353

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	170.57
56.00	136.50	128.25
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	8.275	152	39770	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.112	136	164044	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.907	164	111396	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.656	188	267397	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	241326	20.000	ng/ul	# 0.00
88) Perylene-d12	25.475	264	245899	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	5756	6.011	ng/uL	0.00
4) Pyridine-d5	4.028	84	88449	30.570	ng/ul	-0.02
7) Phenol-d5	7.406	99	129146	36.369	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	73151	34.653	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.799	132	88851	35.977	ng/ul	-0.01
15) 4-Methylphenol-d8	8.974	113	96779	35.259	ng/ul	0.00
21) Nitrobenzene-d5	9.444	128	45994	38.242	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.178	143	52389	39.847	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	106126	37.222	ng/ul	0.00
31) 4-Chloroaniline-d4	11.236	131	119100	31.727	ng/ul	0.00
46) Dimethylphthalate-d6	14.302	166	323173	36.246	ng/ul	-0.01
49) Acenaphthylene-d8	14.608	160	402867	36.382	ng/ul	0.00
54) 4-Nitrophenol-d4	15.078	143	54091	37.306	ng/ul	0.00
60) Fluorene-d10	15.900	176	287714	36.017	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	56384	40.472	ng/ul	-0.01
73) Anthracene-d10	17.756	188	444280	34.830	ng/ul	0.00
81) Pyrene-d10	20.030	212	541216	37.263	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.240	264	497404	38.444	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	13597	13.605	ng/uL#	90
5) Pyridine	4.045	79	99717	34.353	ng/ul	98
6) Benzaldehyde	7.394	77	90854	41.009	ng/ul	97
8) Phenol	7.435	94	132777	37.605	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.676	93	95241	35.357	ng/ul	97
12) 2-Chlorophenol	7.834	128	94957	37.483	ng/ul	96
13) 2-Methylphenol	8.710	108	99756	37.445	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.798	45	131199	35.907	ng/ul	96
16) Acetophenone	9.103	105	156658	36.335	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.086	70	93727	36.229	ng/ul	98
18) 4-Methylphenol	9.039	108	107156	38.163	ng/ul	96
19) Hexachloroethane	9.379	117	38616	34.935	ng/ul#	80
22) Nitrobenzene	9.485	77	135927	38.856	ng/ul	97
23) Isophorone	10.020	82	257681	36.691	ng/ul	97
25) 2-Nitrophenol	10.208	139	58432	41.578	ng/ul	99
26) 2,4-Dimethylphenol	10.255	107	114759	33.892	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.495	93	136424	36.583	ng/ul	99
29) 2,4-Dichlorophenol	10.748	162	103051	37.987	ng/ul	96
30) Naphthalene	11.165	128	314699	35.608	ng/ul	99
32) 4-Chloroaniline	11.259	127	131370	34.272	ng/ul	99
33) Hexachlorobutadiene	11.453	225	78566	34.113	ng/ul	97
34) Caprolactam	12.011	113	37353m	45.480	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	117072	38.515	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.757	142	227393	36.065 ng/ul	99
37) 1-Methylnaphthalene	12.974	142	232699	35.544 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.115	216	147742	38.130 ng/ul	99
40) Hexachlorocyclopentadiene	13.104	237	82299	29.253 ng/ul	98
41) 2,4,6-Trichlorophenol	13.350	196	98396	41.949 ng/ul	97
42) 2,4,5-Trichlorophenol	13.421	196	107595	43.768 ng/ul	99
43) 1,1'-Biphenyl	13.744	154	319557	37.449 ng/ul#	95
44) 2-Chloronaphthalene	13.797	162	249350	37.798 ng/ul	98
45) 2-Nitroaniline	13.979	65	90077	44.696 ng/ul	94
47) Dimethylphthalate	14.349	163	329704	38.089 ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	73278	44.283 ng/ul	96
50) Acenaphthylene	14.637	152	403838	37.275 ng/ul	99
51) 3-Nitroaniline	14.796	138	68305	43.168 ng/ul	97
52) Acenaphthene	14.978	153	267028	37.308 ng/ul	98
53) 2,4-Dinitrophenol	15.001	184	39855	41.665 ng/ul#	82
55) 4-Nitrophenol	15.089	109	57722	37.105 ng/ul	93
56) Dibenzofuran	15.307	168	394649	37.440 ng/ul	97
57) 2,4-Dinitrotoluene	15.254	165	102004	43.492 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.524	232	97598	41.775 ng/ul#	89
59) Diethylphthalate	15.706	149	337264	37.402 ng/ul	98
61) Fluorene	15.959	166	322230	37.101 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.941	204	178492	36.897 ng/ul	94
63) 4-Nitroaniline	15.959	138	69701	42.951 ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.017	198	55500	40.564 ng/ul#	97
67) N-Nitrosodiphenylamine	16.147	169	283041	39.354 ng/ul	97
68) 4-Bromophenyl-phenylether	16.834	248	122298	44.910 ng/ul#	85
69) Hexachlorobenzene	16.963	284	137550	40.196 ng/ul#	91
70) Atrazine	17.092	200	114927	35.611 ng/ul	96
71) Pentachlorophenol	17.304	266	81362	38.805 ng/ul	94
72) Phenanthrene	17.703	178	520075	37.814 ng/ul	97
74) Anthracene	17.791	178	501411	36.088 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.721	216	155349	37.764 ng/uL	97
76) Pentachlorobenzene	15.230	250	156844	39.884 ng/uL	99
77) Carbazole	18.050	167	466456	37.491 ng/ul	99
78) Di-n-butylphthalate	18.602	149	562612	37.575 ng/ul	99
80) Fluoranthene	19.701	202	658715	39.511 ng/ul#	90
82) Pyrene	20.059	202	625721	37.925 ng/ul#	91
83) Butylbenzylphthalate	20.934	149	237575	42.938 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.857	252	224488	39.471 ng/ul#	98
85) Benzo(a)anthracene	21.962	228	621332	39.574 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.845	149	333224	42.995 ng/ul#	98
87) Chrysene	22.027	228	585509	38.601 ng/ul	99
89) Di-n-octyl phthalate	23.155	149	550145	41.537 ng/ul	100
90) Benzo(b)fluoranthene	24.359	252	645934	39.217 ng/ul#	95
91) Benzo(k)fluoranthene	24.435	252	603457	39.124 ng/ul#	95
93) Benzo(a)pyrene	25.311	252	608010	39.114 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.505	276	705541	41.574 ng/ul#	90
95) Dibenzo(a,h)anthracene	29.593	278	590429	40.735 ng/ul#	93
96) Benzo(g,h,i)perylene	30.774	276	585376	40.704 ng/ul#	87

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

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