Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012225.D
Acq On : 20 Oct 2022 21:40
Operator : CG/JU
Sample : PB148363BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 20 23:27:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS363

Manual IntegrationsAPPROVED

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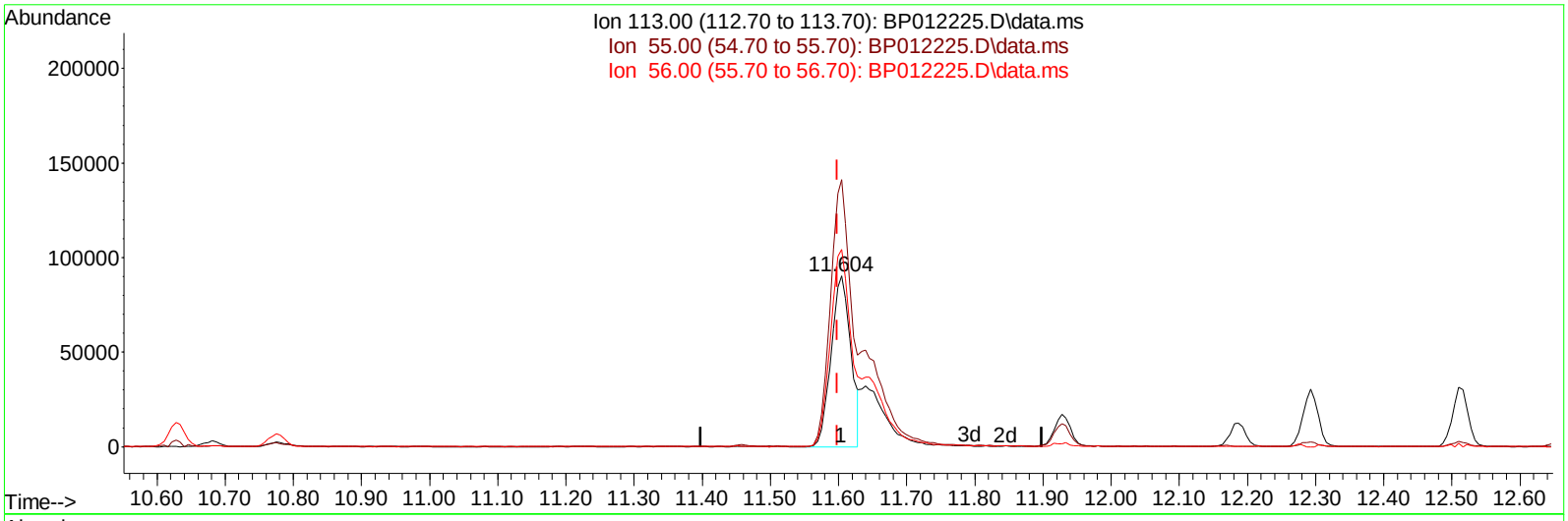
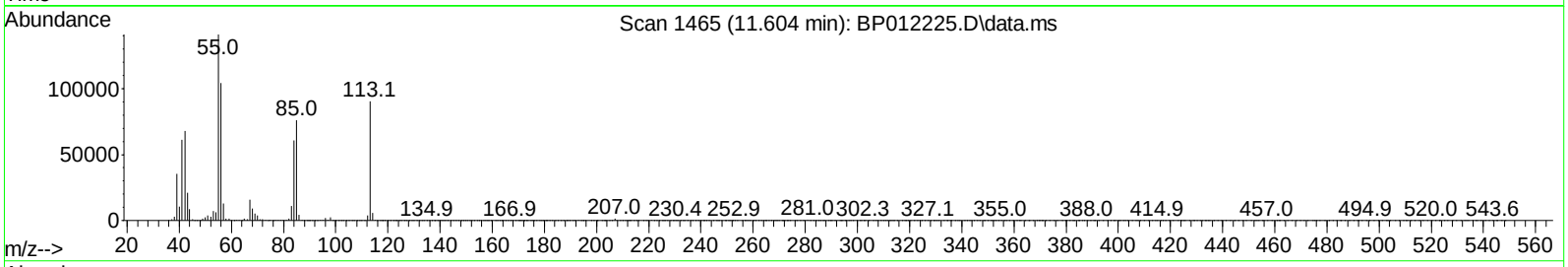
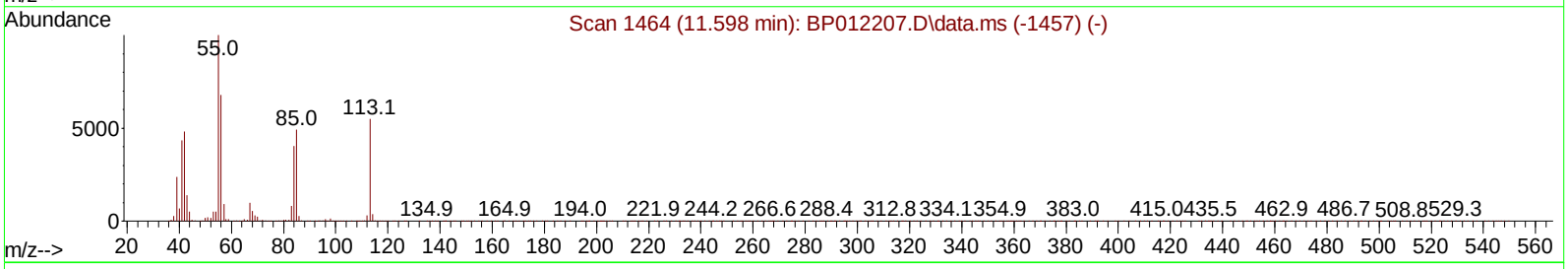
Supervised By :mohammad ahmed 10/24/2022







TIC: BP012225.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 19.08 ng/ul

response 181934

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	155.95
56.00	119.30	115.29
0.00	0.00	0.00

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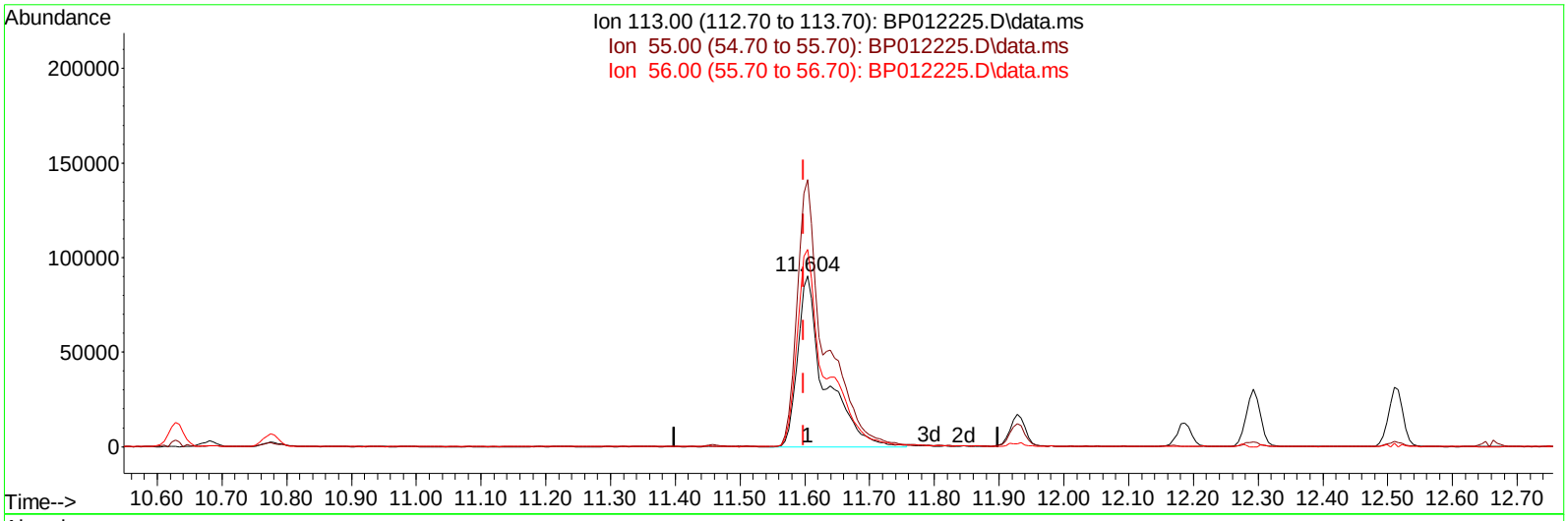

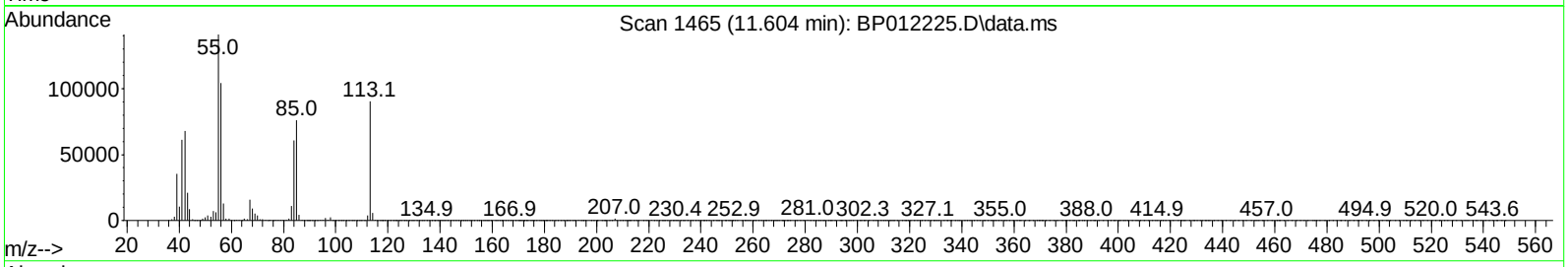

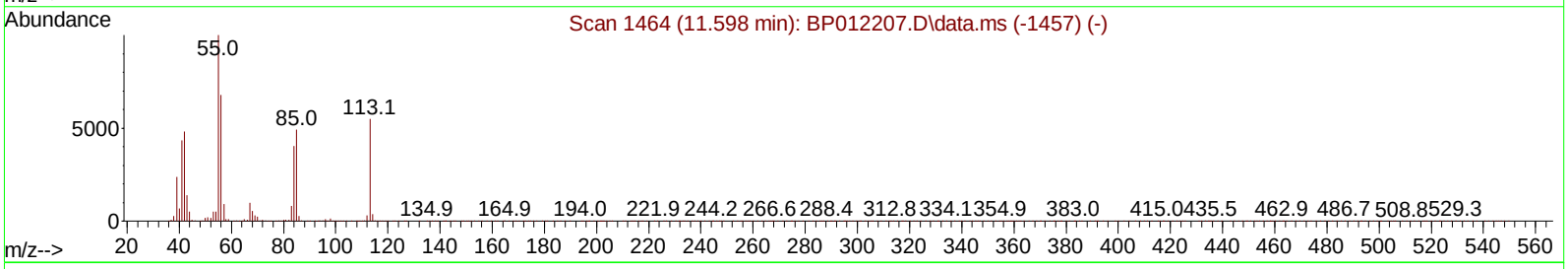

TIC: BP012225.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 27.91 ng/ul m

response 266130

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	155.95
56.00	119.30	115.29
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	7.822	152	481400	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1981499	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1099288	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1936922	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1665658	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1988152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	68138	5.728	ng/uL	0.00
4) Pyridine-d5	3.681	84	940229	27.431	ng/ul	0.00
7) Phenol-d5	6.999	99	1268347	30.518	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	730016	28.964	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	1012559	32.008	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	978120	30.282	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	497453	33.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	559389	35.349	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	964979	32.509	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	1208785	28.662	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	2393298	31.298	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	2855164	32.711	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	401994	28.061	ng/ul	0.00
60) Fluorene-d10	15.475	176	1983112	30.145	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	330924	30.032	ng/ul	0.00
73) Anthracene-d10	17.334	188	2745618	32.339	ng/ul	0.00
81) Pyrene-d10	19.575	212	2827236	29.812	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	3241842	32.515	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	137336	10.728	ng/uL	99
5) Pyridine	3.699	79	906469	26.906	ng/ul	96
6) Benzaldehyde	6.969	77	697660	35.715	ng/ul	96
8) Phenol	7.022	94	1242591	28.579	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.258	93	991799	28.262	ng/ul	99
12) 2-Chlorophenol	7.387	128	1011590	29.637	ng/ul	100
13) 2-Methylphenol	8.275	108	937168	28.630	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	1215607	26.048	ng/ul	98
16) Acetophenone	8.658	105	1433335	28.727	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	697804	27.629	ng/ul	99
18) 4-Methylphenol	8.610	108	1008374	28.286	ng/ul	99
19) Hexachloroethane	8.899	117	407432	30.219	ng/ul	96
22) Nitrobenzene	9.040	77	1081369	30.260	ng/ul	97
23) Isophorone	9.569	82	2006942	29.260	ng/ul	99
25) 2-Nitrophenol	9.746	139	573959	31.923	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	1029167	29.040	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	1290354	28.737	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	920482	29.966	ng/ul	99
30) Naphthalene	10.681	128	3099664	29.249	ng/ul	99
32) 4-Chloroaniline	10.799	127	1165757	26.780	ng/ul	100
33) Hexachlorobutadiene	10.957	225	617599	31.967	ng/ul	99
34) Caprolactam	11.604	113	266130m	27.910	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	937631	28.273	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.293	142	2026151	28.101	ng/ul	99
37) 1-Methylnaphthalene	12.510	142	2006239	27.865	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	1095060	32.784	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	490414	27.616	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	697673	32.364	ng/ul	100
42) 2,4,5-Trichlorophenol	12.981	196	744368	31.653	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	2550631	31.197	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	2001516	30.878	ng/ul	100
45) 2-Nitroaniline	13.563	65	534086	30.992	ng/ul	98
47) Dimethylphthalate	13.940	163	2353193	29.368	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	496735	32.398	ng/ul	98
50) Acenaphthylene	14.198	152	2992212	30.767	ng/ul	100
51) 3-Nitroaniline	14.392	138	497990	30.770	ng/ul	96
52) Acenaphthene	14.540	153	2021586	29.392	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	232003	25.200	ng/ul	93
55) 4-Nitrophenol	14.704	109	288488	27.105	ng/ul	95
56) Dibenzofuran	14.875	168	2752710	29.235	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	657463	30.046	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	588412	29.597	ng/ul	98
59) Diethylphthalate	15.304	149	2284277	29.005	ng/ul	99
61) Fluorene	15.528	166	2121653	28.441	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	1083232	29.139	ng/ul	97
63) 4-Nitroaniline	15.563	138	491336	32.340	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.622	198	327795	28.338	ng/ul	99
67) N-Nitrosodiphenylamine	15.739	169	1844919	32.818	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	707734	34.511	ng/ul	98
69) Hexachlorobenzene	16.534	284	802899	33.214	ng/ul	99
70) Atrazine	16.704	200	621005	31.643	ng/ul	99
71) Pentachlorophenol	16.886	266	460559	31.563	ng/ul	100
72) Phenanthrene	17.281	178	3158115	30.337	ng/ul	100
74) Anthracene	17.369	178	3142142	30.506	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	1107867	38.331	ng/uL	99
76) Pentachlorobenzene	14.792	250	1005630	33.031	ng/uL	99
77) Carbazole	17.645	167	2735170	30.089	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3530043	32.371	ng/ul	100
80) Fluoranthene	19.251	202	3356506	28.643	ng/ul	96
82) Pyrene	19.604	202	3408848	28.432	ng/ul	95
83) Butylbenzylphthalate	20.475	149	1445872	31.006	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.251	252	1112140	30.656	ng/ul	99
85) Benzo(a)anthracene	21.316	228	3319465	30.578	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1986637	30.408	ng/ul	99
87) Chrysene	21.369	228	3152158	31.116	ng/ul	100
89) Di-n-octyl phthalate	22.157	149	3482783	25.327	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	3891639	29.371	ng/ul	99
91) Benzo(k)fluoranthene	23.051	252	3586199	27.458	ng/ul	98
93) Benzo(a)pyrene	23.633	252	3439441	30.356	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.245	276	4700123	35.834	ng/ul	98
95) Dibenzo(a,h)anthracene	26.257	278	4020654	34.002	ng/ul	98
96) Benzo(g,h,i)perylene	27.009	276	3912698	31.771	ng/ul	98

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

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