Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013820.D
Acq On : 14 Feb 2023 17:32
Operator : CG/JU
Sample : SP6124
Misc : SFAM SPIKE
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 15 01:23:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 15 01:19:22 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP6124

Manual IntegrationsAPPROVED

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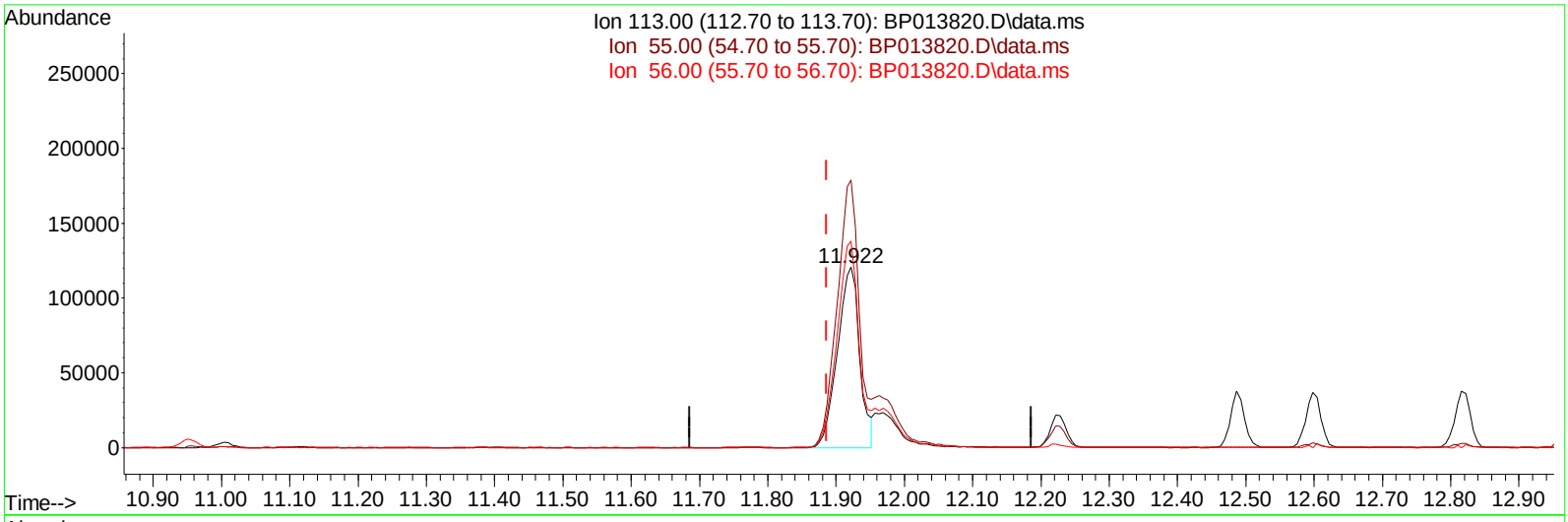
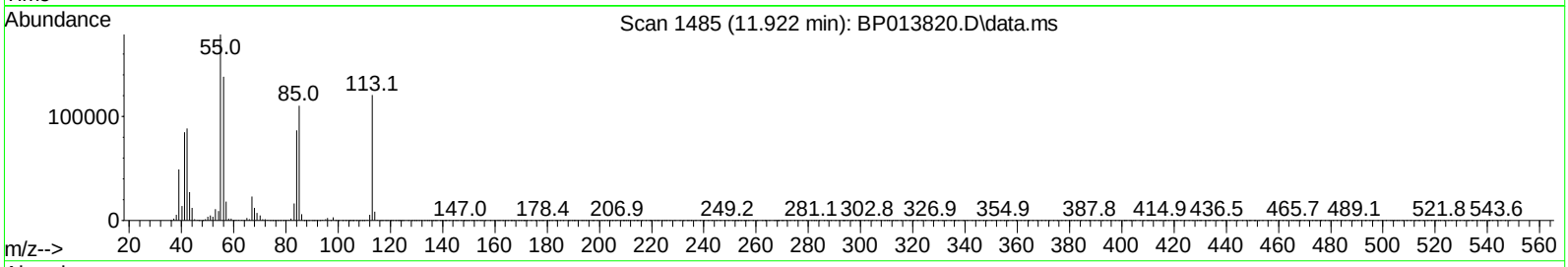
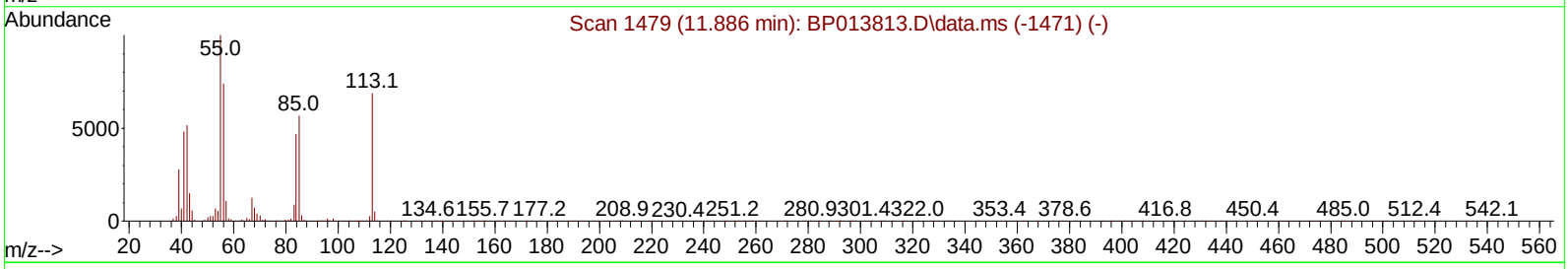
Supervised By :mohammad ahmed 02/16/2023







TIC: BP013820.D\data.ms

(34) Caprolactam

11.922min (+ 0.036) 53.94 ng/ul

response 270897

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.10	148.27
56.00	117.30	114.61
0.00	0.00	0.00

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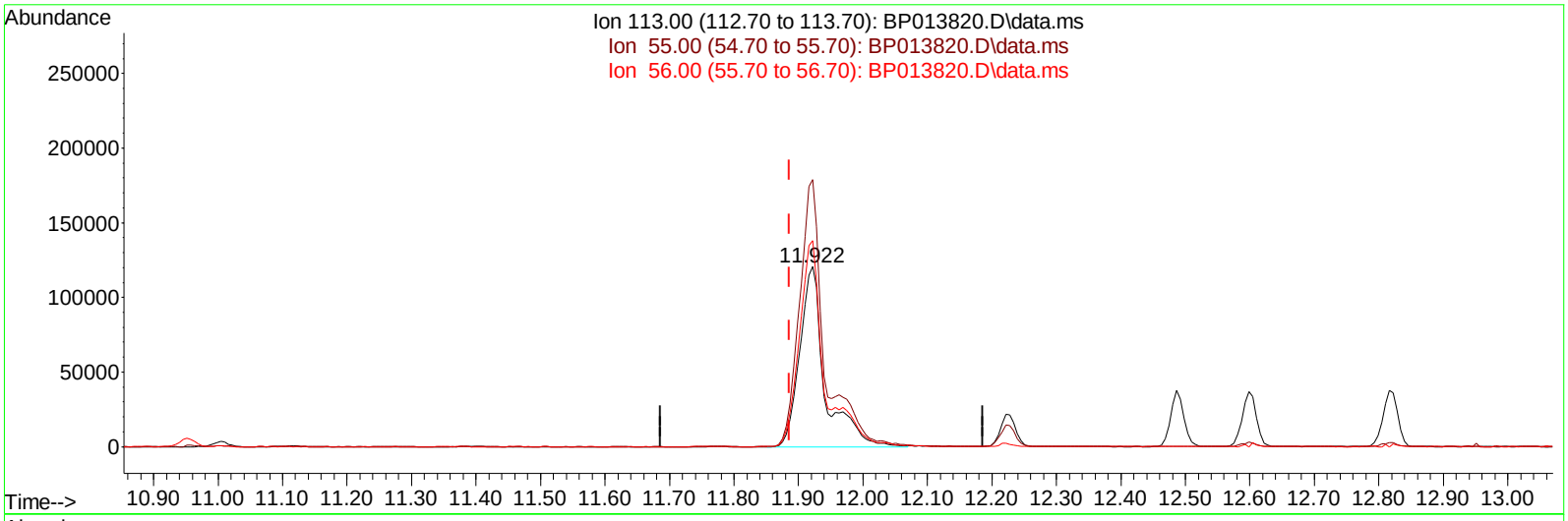

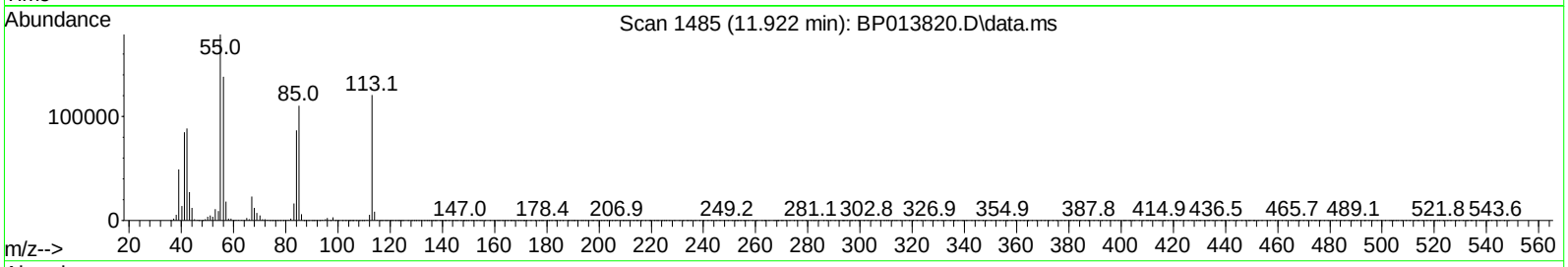

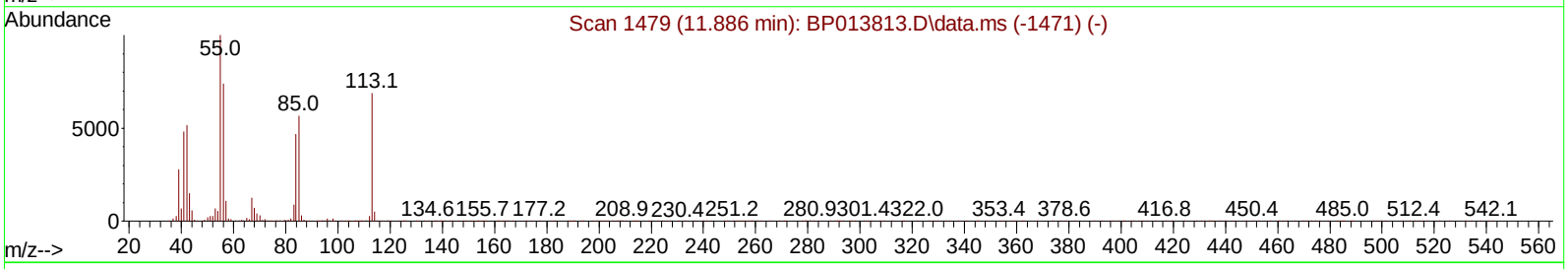

TIC: BP013820.D\data.ms

(34) Caprolactam

11.922min (+ 0.036) 65.87 ng/ul m

response 330792

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.10	148.27
56.00	117.30	114.61
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	8.122	152	215320	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	888042	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	566695	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1261683	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1008763	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	853053	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	160657	28.808	ng/uL	100
5) Pyridine	3.916	79	1056943	69.442	ng/ul	94
6) Benzaldehyde	7.257	77	906555	104.786	ng/ul	100
8) Phenol	7.299	94	1382604	70.207	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.540	93	1063229	67.376	ng/ul	97
12) 2-Chlorophenol	7.687	128	1068864	73.763	ng/ul	98
13) 2-Methylphenol	8.569	108	1044278	69.472	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	1174442	65.428	ng/ul	99
16) Acetophenone	8.957	105	1608043	63.946	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.940	70	802228	64.240	ng/ul	98
18) 4-Methylphenol	8.904	108	1130642	68.128	ng/ul	95
19) Hexachloroethane	9.216	117	440007	74.153	ng/ul	98
22) Nitrobenzene	9.346	77	1196379	73.598	ng/ul	99
23) Isophorone	9.881	82	2320555	67.663	ng/ul	100
25) 2-Nitrophenol	10.057	139	578272	74.787	ng/ul	97
26) 2,4-Dimethylphenol	10.116	107	1252415	72.747	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.351	93	1423088	68.711	ng/ul	98
29) 2,4-Dichlorophenol	10.598	162	1060835	74.120	ng/ul	99
30) Naphthalene	11.004	128	3231401	68.355	ng/ul	99
32) 4-Chloroaniline	11.110	127	1159138	55.795	ng/ul	99
33) Hexachlorobutadiene	11.287	225	748164	74.207	ng/ul	98
34) Caprolactam	11.922	113	330792m	65.866	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	1147744	69.460	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.598	142	2198291	66.140	ng/ul	98
37) 1-Methylnaphthalene	12.816	142	2218208	64.592	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	1349350	75.560	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	974633	84.998	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	900647	76.856	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	988259	77.909	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	2958534	69.577	ng/ul	100
44) 2-Chloronaphthalene	13.645	162	2370561	70.866	ng/ul	99
45) 2-Nitroaniline	13.845	65	651372	80.844	ng/ul	95
47) Dimethylphthalate	14.216	163	2998314	67.729	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	637073	82.367	ng/ul	97
50) Acenaphthylene	14.486	152	3598146	69.033	ng/ul	99
51) 3-Nitroaniline	14.669	138	585416	76.556	ng/ul	97
52) Acenaphthene	14.828	153	2451817	67.207	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	429823	77.930	ng/ul	94
55) 4-Nitrophenol	14.969	109	461588	66.156	ng/ul	96
56) Dibenzofuran	15.163	168	3438742	65.746	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	895695	77.676	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.381	232	850918	71.171	ng/ul	97
59) Diethylphthalate	15.575	149	2981108	67.061	ng/ul	99
61) Fluorene	15.810	166	2729321	63.964	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	1486485	67.000	ng/ul	100
63) 4-Nitroaniline	15.839	138	643828	88.910	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.886	198	555484	73.202	ng/ul#	92
67) N-Nitrosodiphenylamine	16.016	169	2384770	69.540	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	986349	74.028	ng/ul	98
69) Hexachlorobenzene	16.816	284	1121707	72.251	ng/ul	99
70) Atrazine	16.969	200	983228	71.695	ng/ul	99
71) Pentachlorophenol	17.163	266	744219	73.664	ng/ul	100
72) Phenanthrene	17.563	178	4453342	66.702	ng/ul	99
74) Anthracene	17.651	178	4540277	67.593	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	1370273	81.358	ng/uL	99
76) Pentachlorobenzene	15.081	250	1320768	75.991	ng/uL	100
77) Carbazole	17.916	167	3987438	67.390	ng/ul	99
78) Di-n-butylphthalate	18.445	149	4993932	69.588	ng/ul	99
80) Fluoranthene	19.510	202	5301622	80.954	ng/ul	97
82) Pyrene	19.863	202	5386423	77.145	ng/ul	96
83) Butylbenzylphthalate	20.716	149	1999428	83.670	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	1724290	75.947	ng/ul	99
85) Benzo(a)anthracene	21.580	228	4778178	69.321	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2937955	80.289	ng/ul#	98
87) Chrysene	21.639	228	4445167	68.354	ng/ul	98
89) Di-n-octyl phthalate	22.457	149	4576591	77.967	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	4080071	71.727	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	4100165	72.656	ng/ul	99
93) Benzo(a)pyrene	24.051	252	3443462	71.425	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	4211568	77.881	ng/ul	98
95) Dibenzo(a,h)anthracene	26.892	278	3490077	77.262	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	3454982	80.248	ng/ul	99

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

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