Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013231.D
Acq On : 22 Dec 2022 04:51
Operator : CG/JU
Sample : PB149797BS
Misc :
ALS Vial : 114 Sample Multiplier: 1

Quant Time: Dec 22 06:32:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 23:38:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS797

Manual IntegrationsAPPROVED

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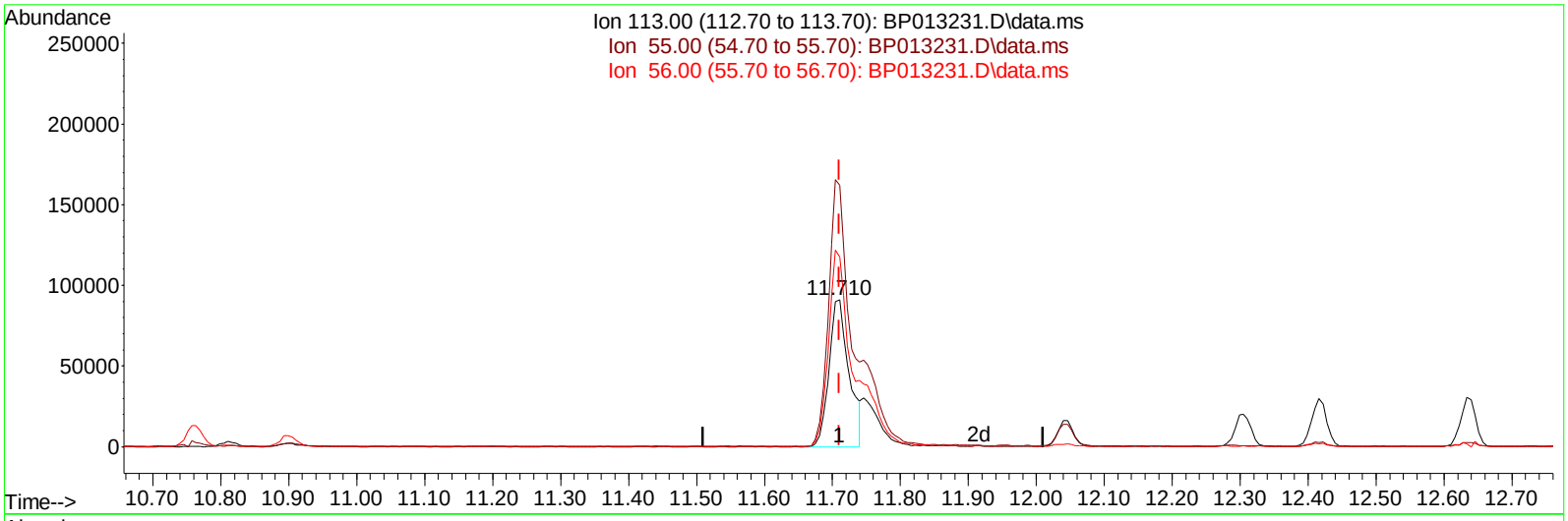
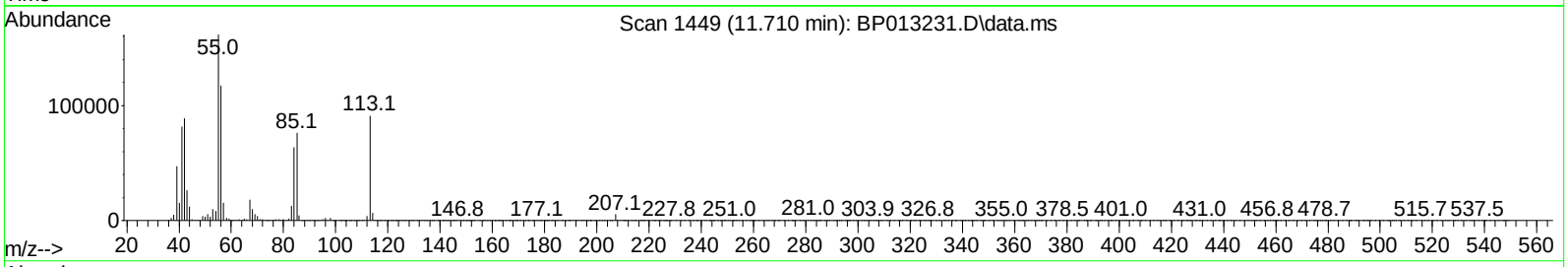
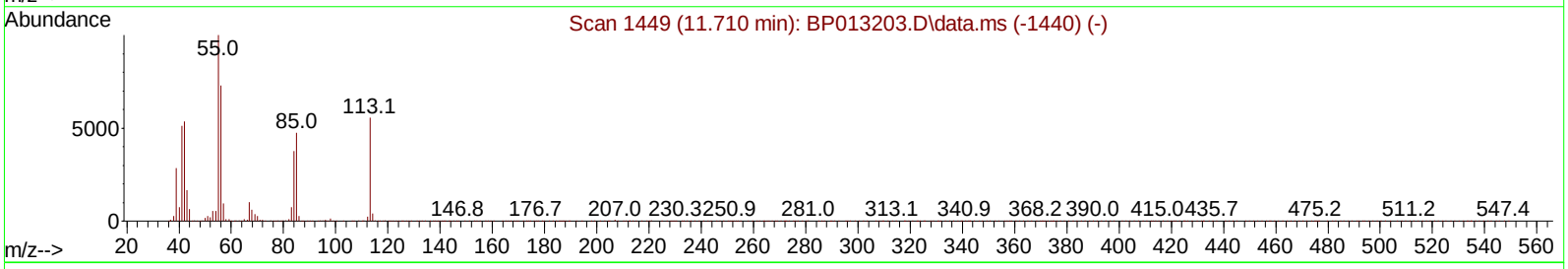
Supervised By :mohammad ahmed 12/22/2022







TIC: BP013231.D\data.ms

(34) Caprolactam

11.710min (-0.000) 19.07 ng/ul

response 187262

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	177.61
56.00	124.50	129.08
0.00	0.00	0.00

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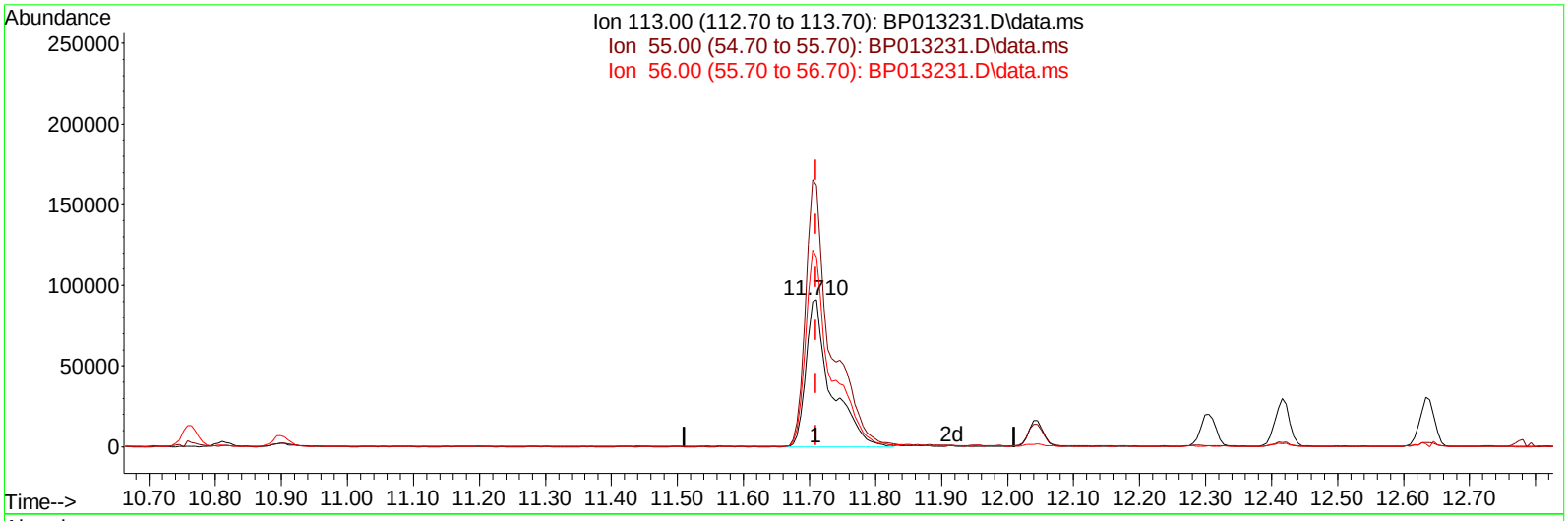

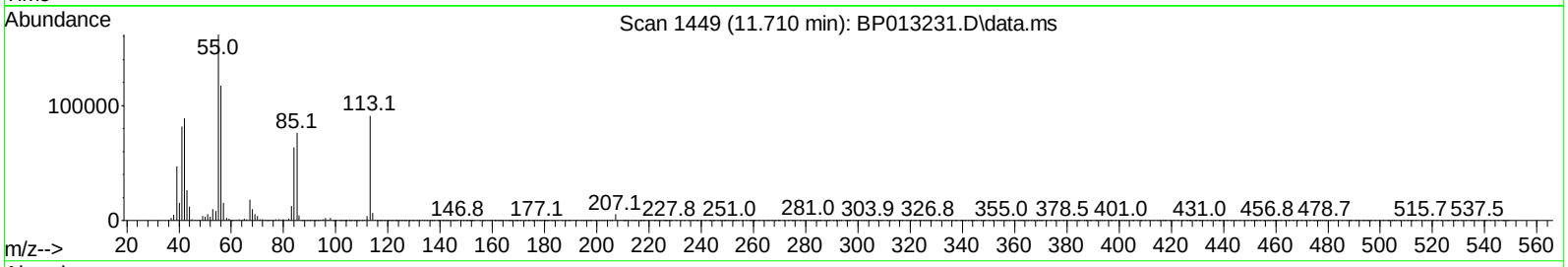

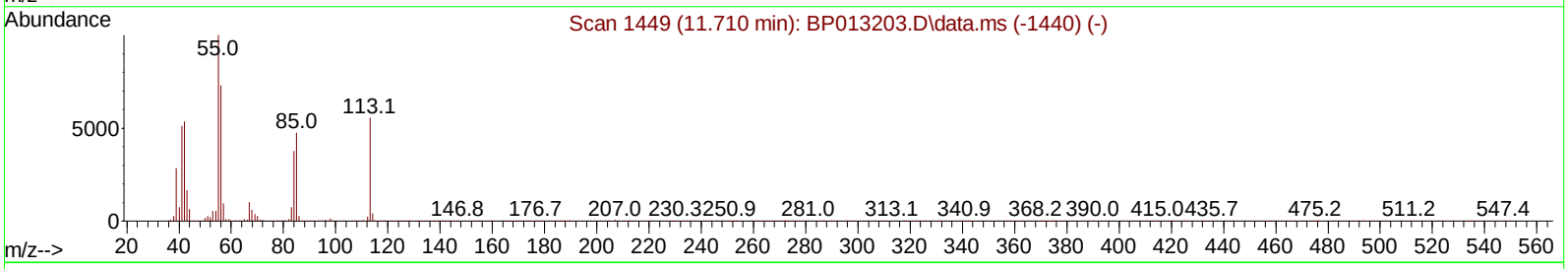

TIC: BP013231.D\data.ms

(34) Caprolactam

11.710min (-0.000) 24.56 ng/ul m

response 241131

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	177.61
56.00	124.50	129.08
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	7.946	152	475441	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1829782	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	1055030	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2195696	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2439587	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	2815410	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	65788	5.916	ng/uL	0.00
4) Pyridine-d5	3.758	84	910452	28.823	ng/ul	0.00
7) Phenol-d5	7.105	99	1144096	29.543	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	713501	30.543	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	934403	30.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	880991	27.764	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	431351	32.085	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	486963	32.174	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	921089	31.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	1042597	25.121	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	2342571	28.891	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	2782915	31.234	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	438674	30.076	ng/ul	0.00
60) Fluorene-d10	15.581	176	2049209	29.873	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	412650	29.204	ng/ul	0.00
73) Anthracene-d10	17.445	188	3187148	32.175	ng/ul	0.00
81) Pyrene-d10	19.675	212	4016854	28.685	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	4508665	32.129	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	137788	11.870	ng/uL	96
5) Pyridine	3.781	79	945118	30.105	ng/ul	97
6) Benzaldehyde	7.087	77	723046	47.683	ng/ul	98
8) Phenol	7.134	94	1211326	30.937	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.369	93	962503	29.950	ng/ul	97
12) 2-Chlorophenol	7.511	128	971089	31.063	ng/ul	96
13) 2-Methylphenol	8.393	108	890722	29.179	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1412706	32.035	ng/ul	98
16) Acetophenone	8.781	105	1417395	29.133	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	692743	28.315	ng/ul	94
18) 4-Methylphenol	8.722	108	966899	28.597	ng/ul	98
19) Hexachloroethane	9.034	117	390118	31.228	ng/ul	99
22) Nitrobenzene	9.158	77	1073504	34.029	ng/ul	97
23) Isophorone	9.687	82	1888863	29.611	ng/ul	98
25) 2-Nitrophenol	9.875	139	536518	32.716	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	1003771	31.370	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	1225759	30.052	ng/ul	100
29) 2,4-Dichlorophenol	10.405	162	923526	32.070	ng/ul	99
30) Naphthalene	10.810	128	3015139	31.508	ng/ul	99
32) 4-Chloroaniline	10.922	127	1053906	25.661	ng/ul	100
33) Hexachlorobutadiene	11.093	225	663770	33.570	ng/ul	98
34) Caprolactam	11.710	113	241131m	24.557	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	871988	29.671	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	1959616	29.849	ng/ul	99
37) 1-Methylnaphthalene	12.634	142	1956676	28.982	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	1197633	35.253	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	548252	24.799	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	735228	33.675	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	773638	32.989	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	2592175	32.714	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	2070473	33.201	ng/ul	99
45) 2-Nitroaniline	13.675	65	533373	35.276	ng/ul	98
47) Dimethylphthalate	14.045	163	2380616	29.622	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	469832	31.458	ng/ul	99
50) Acenaphthylene	14.310	152	3065372	32.002	ng/ul	100
51) 3-Nitroaniline	14.498	138	453759	32.175	ng/ul	97
52) Acenaphthene	14.651	153	2104909	31.711	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	255679	25.045	ng/ul	99
55) 4-Nitrophenol	14.804	109	337792	33.942	ng/ul	95
56) Dibenzofuran	14.987	168	2963168	31.398	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	686001	31.621	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	672818	31.437	ng/ul	95
59) Diethylphthalate	15.404	149	2208260	28.266	ng/ul	99
61) Fluorene	15.640	166	2368450	31.292	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	1244595	31.095	ng/ul	99
63) 4-Nitroaniline	15.663	138	512550	41.303	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.722	198	418578	30.314	ng/ul	100
67) N-Nitrosodiphenylamine	15.845	169	1962232	32.234	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	771516	32.355	ng/ul	99
69) Hexachlorobenzene	16.645	284	906901	32.031	ng/ul	100
70) Atrazine	16.804	200	704409	29.694	ng/ul	99
71) Pentachlorophenol	16.992	266	571822	33.349	ng/ul	99
72) Phenanthrene	17.392	178	3750219	32.792	ng/ul	99
74) Anthracene	17.481	178	3803222	33.305	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1190510	38.003	ng/uL	99
76) Pentachlorobenzene	14.910	250	1076740	33.712	ng/uL	100
77) Carbazole	17.751	167	3431449	35.681	ng/ul	100
78) Di-n-butylphthalate	18.292	149	3478931	29.711	ng/ul	100
80) Fluoranthene	19.351	202	4661959	29.333	ng/ul	100
82) Pyrene	19.704	202	4998391	30.488	ng/ul	99
83) Butylbenzylphthalate	20.569	149	1660133	26.211	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	1716974	31.154	ng/ul	100
85) Benzo(a)anthracene	21.416	228	5408070	33.393	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	2341556	26.208	ng/ul	100
87) Chrysene	21.474	228	5110826	33.371	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	4209764	26.690	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	5776117	32.173	ng/ul	100
91) Benzo(k)fluoranthene	23.204	252	5734573	32.212	ng/ul	100
93) Benzo(a)pyrene	23.804	252	5175285	33.106	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.504	276	6919904	35.538	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	5870544	36.414	ng/ul	99
96) Benzo(g,h,i)perylene	27.298	276	5737096	36.700	ng/ul	98

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

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