Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013039.D
Acq On : 10 Dec 2022 14:45
Operator : CG/JU
Sample : PB149532BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 11 23:50:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS532

Manual IntegrationsAPPROVED

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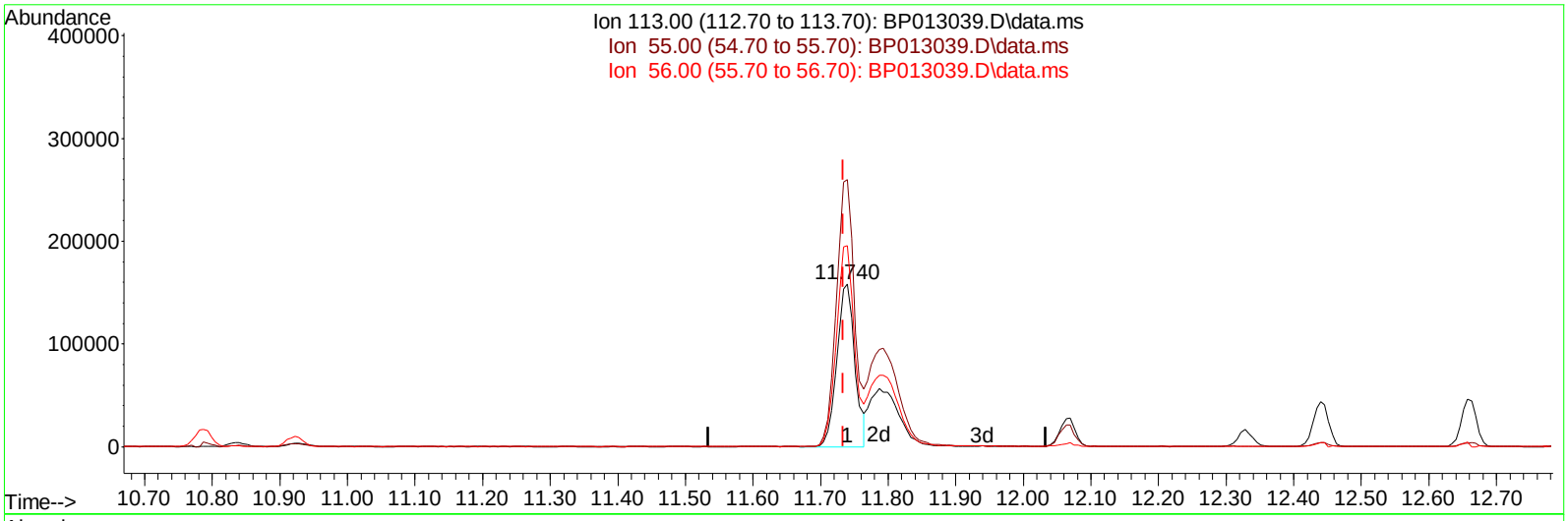
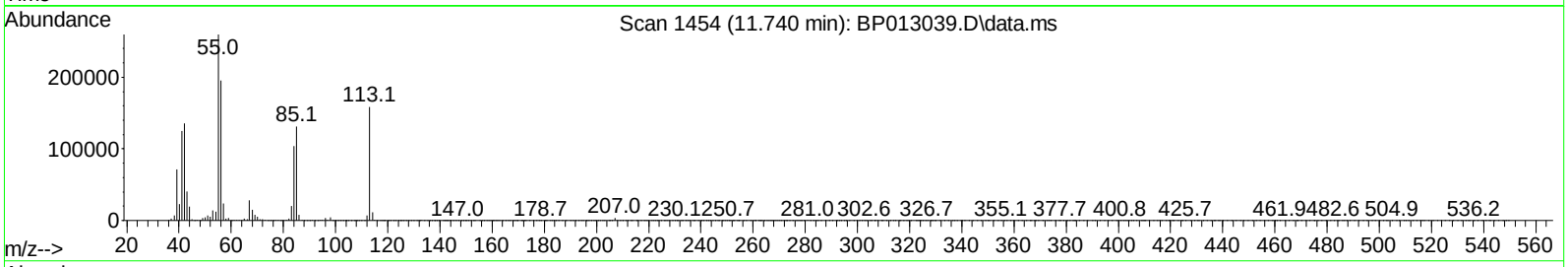
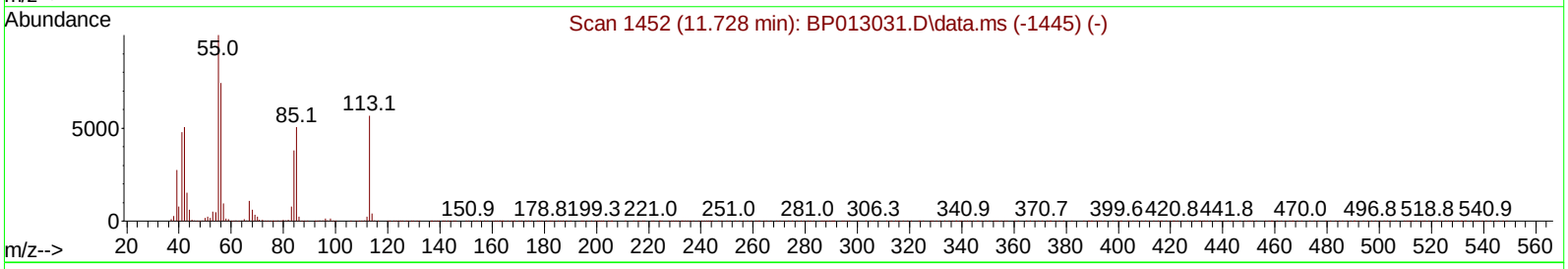
Supervised By :mohammad ahmed 12/12/2022







TIC: BP013039.D\data.ms

(34) Caprolactam

11.740min (+ 0.006) 19.87 ng/ul

response 289675

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	163.80
56.00	124.50	123.37
0.00	0.00	0.00

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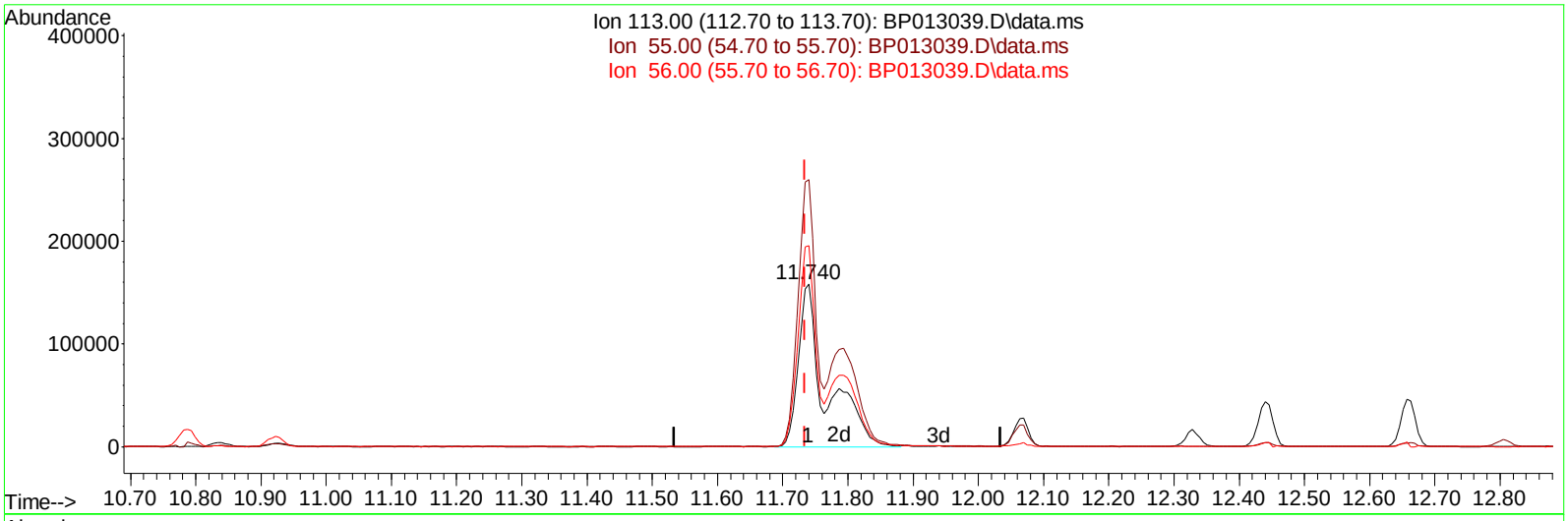

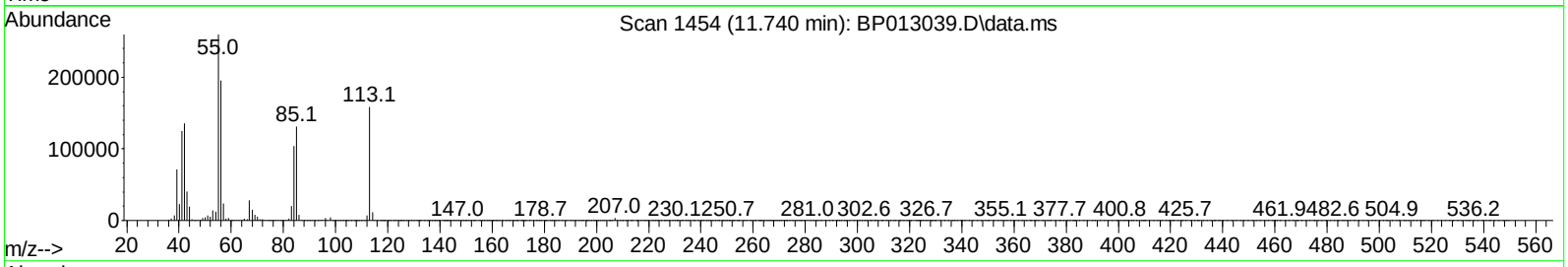

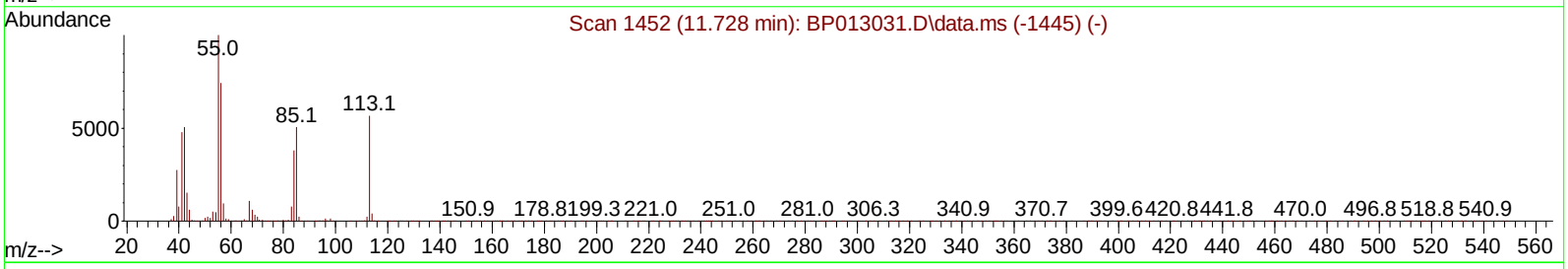

TIC: BP013039.D\data.ms

(34) Caprolactam

11.740min (+ 0.006) 31.66 ng/ul m

response 461486

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	163.80
56.00	124.50	123.37
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	7.969	152	632655	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	2716116	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1777914	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3880150	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	2939816	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	2654340	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	82913	5.604	ng/uL	0.00
4) Pyridine-d5	3.781	84	1144148	27.221	ng/ul	0.00
7) Phenol-d5	7.128	99	1676752	32.539	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	983951	31.653	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1340073	33.034	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	1360475	32.221	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	674236	33.786	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	786763	35.019	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	1478417	33.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1760197	28.572	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	4371884	31.995	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	4908369	32.691	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	789992	32.141	ng/ul	0.00
60) Fluorene-d10	15.604	176	3700354	32.010	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	817474	32.739	ng/ul	0.00
73) Anthracene-d10	17.469	188	5721674	32.686	ng/ul	0.00
81) Pyrene-d10	19.698	212	6381159	37.815	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	4489690	33.935	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	177162	11.469	ng/uL	98
5) Pyridine	3.799	79	1179274	28.230	ng/ul	99
6) Benzaldehyde	7.105	77	807788	40.033	ng/ul	99
8) Phenol	7.158	94	1708220	32.786	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.393	93	1338312	31.295	ng/ul	99
12) 2-Chlorophenol	7.534	128	1361630	32.732	ng/ul	100
13) 2-Methylphenol	8.416	108	1321399	32.531	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1934228	32.962	ng/ul	99
16) Acetophenone	8.805	105	2071780	32.001	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.793	70	1048063	32.193	ng/ul	98
18) 4-Methylphenol	8.746	108	1447323	32.168	ng/ul	99
19) Hexachloroethane	9.058	117	527772	31.748	ng/ul	99
22) Nitrobenzene	9.181	77	1513625	32.323	ng/ul	100
23) Isophorone	9.716	82	3064678	32.366	ng/ul	99
25) 2-Nitrophenol	9.899	139	830487	34.116	ng/ul	100
26) 2,4-Dimethylphenol	9.952	107	1512593	31.846	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.193	93	1866214	30.824	ng/ul	99
29) 2,4-Dichlorophenol	10.434	162	1437385	33.625	ng/ul	99
30) Naphthalene	10.840	128	4439270	31.251	ng/ul	100
32) 4-Chloroaniline	10.946	127	1478522	24.253	ng/ul	99
33) Hexachlorobutadiene	11.122	225	945941	32.229	ng/ul	98
34) Caprolactam	11.740	113	461486m	31.662	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	1481935	33.970	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	3135124	32.171	ng/ul	99
37) 1-Methylnaphthalene	12.657	142	3127066	31.203	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	1866937	32.611	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	855819	22.972	ng/ul	100
41) 2,4,6-Trichlorophenol	13.046	196	1222023	33.214	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	1339263	33.888	ng/ul	100
43) 1,1'-Biphenyl	13.446	154	4177932	31.289	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	3341920	31.800	ng/ul	100
45) 2-Nitroaniline	13.693	65	932578	36.601	ng/ul	99
47) Dimethylphthalate	14.069	163	4290933	31.684	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	896062	35.602	ng/ul	99
50) Acenaphthylene	14.334	152	5097490	31.579	ng/ul	100
51) 3-Nitroaniline	14.516	138	889254	37.418	ng/ul	98
52) Acenaphthene	14.675	153	3558392	31.811	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	531736	30.908	ng/ul	98
55) 4-Nitrophenol	14.822	109	544940	32.493	ng/ul	99
56) Dibenzofuran	15.010	168	4993702	31.399	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	1276433	34.914	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.234	232	1162865	32.243	ng/ul	99
59) Diethylphthalate	15.428	149	4226313	32.102	ng/ul	99
61) Fluorene	15.663	166	4036891	31.650	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	2167119	32.129	ng/ul	99
63) 4-Nitroaniline	15.687	138	912461	43.633	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.740	198	796282	32.633	ng/ul	98
67) N-Nitrosodiphenylamine	15.869	169	3569727	33.184	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	1302839	30.918	ng/ul	99
69) Hexachlorobenzene	16.669	284	1629492	32.568	ng/ul	99
70) Atrazine	16.822	200	763711	18.218	ng/ul	99
71) Pentachlorophenol	17.010	266	928351	30.638	ng/ul	99
72) Phenanthrene	17.410	178	6570264	32.510	ng/ul	99
74) Anthracene	17.504	178	6617618	32.793	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	1873086	33.835	ng/uL	99
76) Pentachlorobenzene	14.928	250	1836378	32.536	ng/uL	99
77) Carbazole	17.769	167	5818225	34.236	ng/ul	99
78) Di-n-butylphthalate	18.310	149	7318753	35.370	ng/ul	100
80) Fluoranthene	19.369	202	7538421	39.360	ng/ul	99
82) Pyrene	19.728	202	7545671	38.194	ng/ul	99
83) Butylbenzylphthalate	20.586	149	3076417	40.307	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.363	252	2096412	31.566	ng/ul	100
85) Benzo(a)anthracene	21.439	228	6588208	33.758	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	4300301	39.942	ng/ul	99
87) Chrysene	21.492	228	6118608	33.153	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	6597715	44.368	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	5786534	34.187	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	5573108	33.205	ng/ul	100
93) Benzo(a)pyrene	23.833	252	4934329	33.480	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.551	276	5869155	31.971	ng/ul	99
95) Dibenzo(a,h)anthracene	26.563	278	5193132	34.166	ng/ul	100
96) Benzo(g,h,i)perylene	27.351	276	4786752	32.479	ng/ul	99

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

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