Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013430.D
Acq On : 10 Jan 2023 16:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 23:22:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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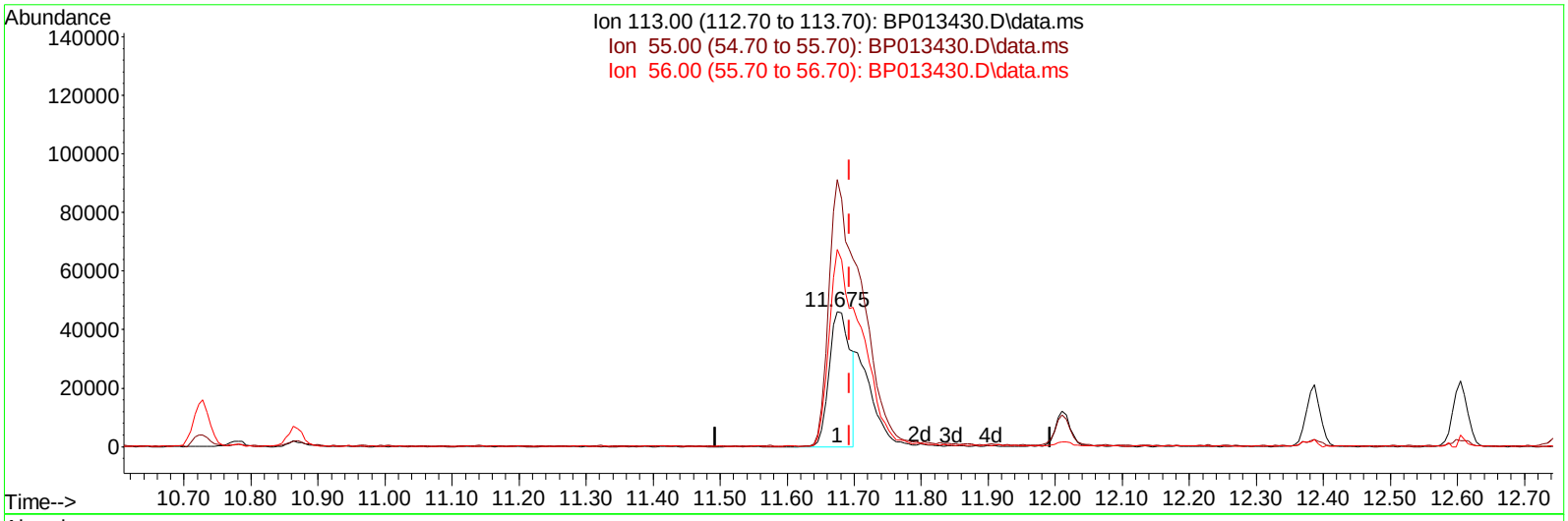
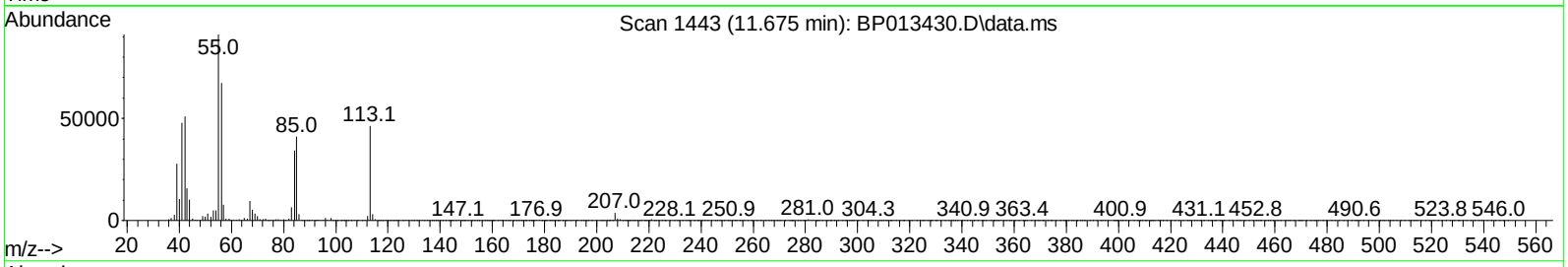
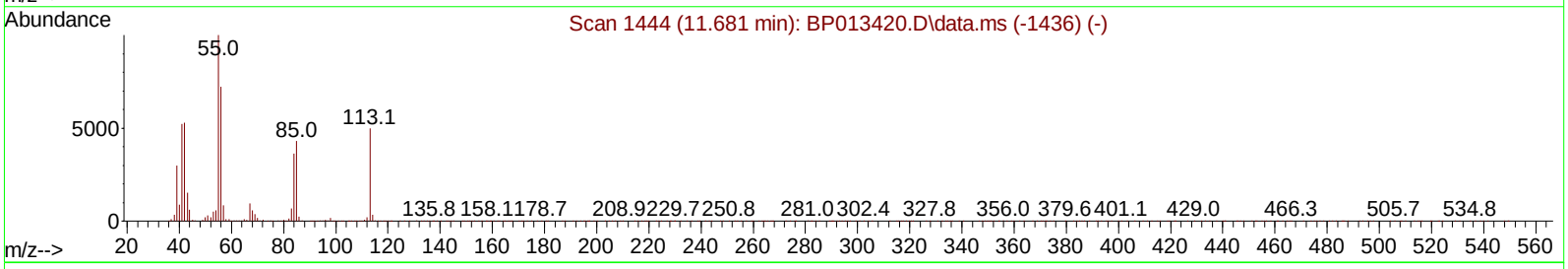
Supervised By :mohammad ahmed 01/12/2023







TIC: BP013430.D\data.ms

(34) Caprolactam

11.675min (-0.018) 10.70 ng/ul

response 102212

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	197.23
56.00	146.40	145.73
0.00	0.00	0.00

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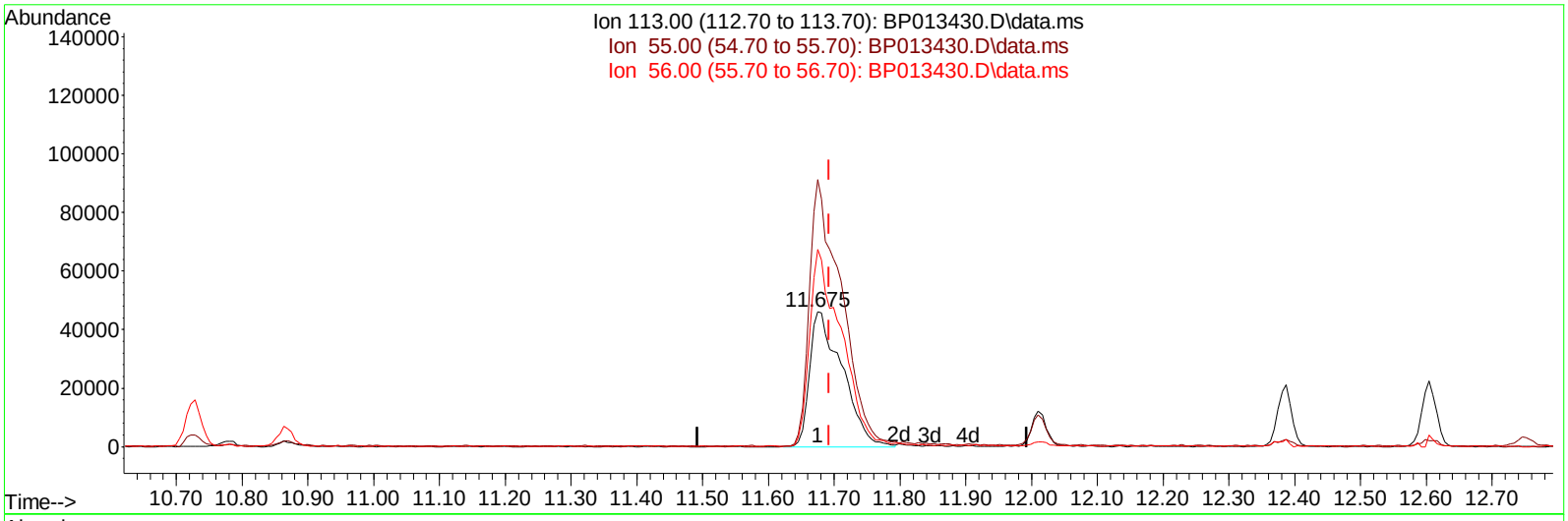

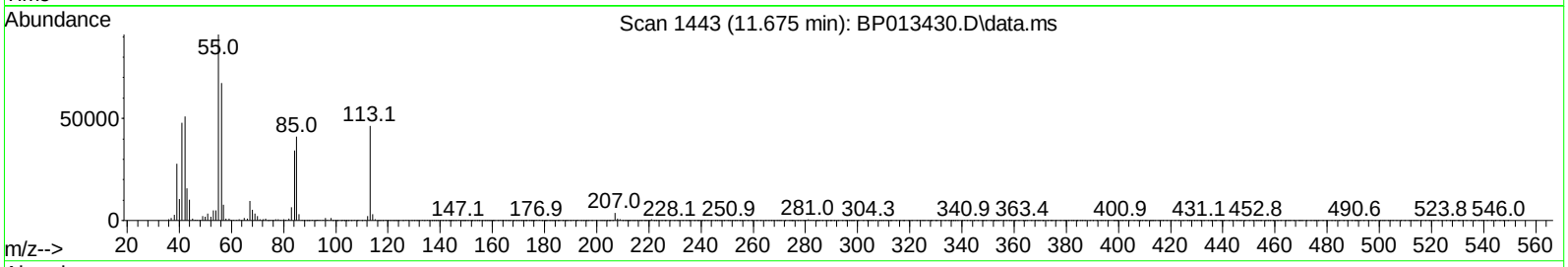

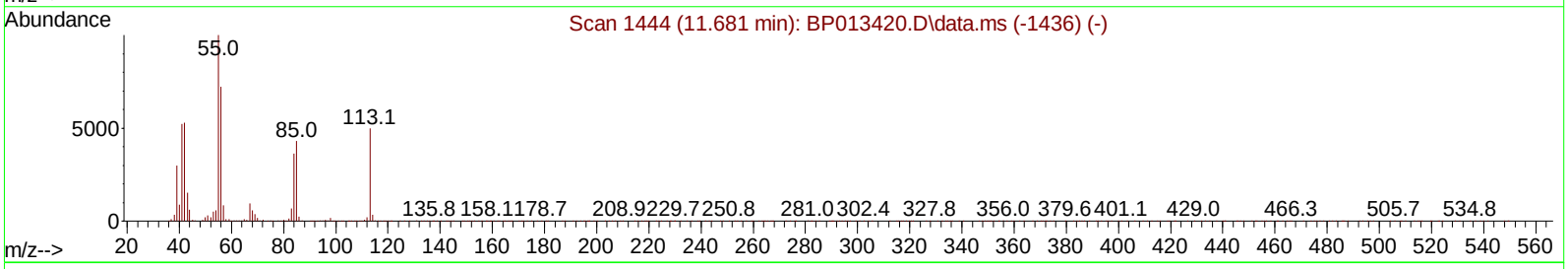

TIC: BP013430.D\data.ms

(34) Caprolactam

11.675min (-0.018) 16.70 ng/ul m

response 159493

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	197.23
56.00	146.40	145.73
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	7.916	152	516163	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	2065494	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	1255963	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	2676698	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	2579731	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	2903402	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	95896	7.222	ng/uL	0.00
4) Pyridine-d5	3.734	84	651205	17.582	ng/ul	0.00
7) Phenol-d5	7.075	99	770438	17.988	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	521400	19.296	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	632331	19.797	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	604849	18.536	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	295150	20.069	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	336032	20.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	644821	20.098	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	824966	18.252	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1776726	19.417	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	2013370	19.877	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	288670	17.235	ng/ul	0.00
60) Fluorene-d10	15.557	176	1526656	18.888	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	305393	17.994	ng/ul	0.00
73) Anthracene-d10	17.416	188	2314266	19.561	ng/ul	0.00
81) Pyrene-d10	19.651	212	2729388	19.446	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2690252	18.864	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	99223	6.785	ng/uL	99
5) Pyridine	3.758	79	665173	17.760	ng/ul	96
6) Benzaldehyde	7.052	77	323429	19.799	ng/ul	95
8) Phenol	7.105	94	797418	17.996	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.334	93	675233	19.271	ng/ul	100
12) 2-Chlorophenol	7.475	128	644671	19.375	ng/ul	97
13) 2-Methylphenol	8.363	108	587356	18.458	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1071793	19.823	ng/ul	99
16) Acetophenone	8.746	105	981812	19.064	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.728	70	500428	20.324	ng/ul	99
18) 4-Methylphenol	8.693	108	640761	18.319	ng/ul	99
19) Hexachloroethane	8.999	117	272727	20.342	ng/ul	98
22) Nitrobenzene	9.128	77	740310	19.285	ng/ul	96
23) Isophorone	9.652	82	1356587	20.193	ng/ul	99
25) 2-Nitrophenol	9.840	139	357877	20.446	ng/ul	98
26) 2,4-Dimethylphenol	9.899	107	695839	19.055	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.134	93	888263	20.008	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	629722	19.618	ng/ul	100
30) Naphthalene	10.781	128	2066235	18.805	ng/ul	99
32) 4-Chloroaniline	10.893	127	829601	18.255	ng/ul	100
33) Hexachlorobutadiene	11.057	225	468703	20.334	ng/ul	98
34) Caprolactam	11.675	113	159493m	16.702	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	603503	19.481	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	1368976	19.481	ng/ul	100
37) 1-Methylnaphthalene	12.604	142	1412415	19.377	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	847288	19.678	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	504034	19.458	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	511585	20.198	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	545508	19.791	ng/ul	98
43) 1,1'-Biphenyl	13.393	154	1851928	19.422	ng/ul	100
44) 2-Chloronaphthalene	13.440	162	1472733	19.140	ng/ul	99
45) 2-Nitroaniline	13.646	65	368594	19.795	ng/ul	100
47) Dimethylphthalate	14.016	163	1770589	19.367	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	328575	20.755	ng/ul	99
50) Acenaphthylene	14.281	152	2177732	19.509	ng/ul	99
51) 3-Nitroaniline	14.469	138	263039	15.687	ng/ul	97
52) Acenaphthene	14.628	153	1512995	18.937	ng/ul	100
53) 2,4-Dinitrophenol	14.681	184	198876	16.877	ng/ul	95
55) 4-Nitrophenol	14.775	109	219647	17.253	ng/ul	99
56) Dibenzofuran	14.963	168	2134000	18.597	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	463473	19.695	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.187	232	473409	19.688	ng/ul	98
59) Diethylphthalate	15.381	149	1689561	19.745	ng/ul	99
61) Fluorene	15.610	166	1723684	18.819	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.604	204	923105	19.299	ng/ul	97
63) 4-Nitroaniline	15.634	138	251445	16.218	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.692	198	308436	18.411	ng/ul	98
67) N-Nitrosodiphenylamine	15.822	169	1423209	19.660	ng/ul	100
68) 4-Bromophenyl-phenylether	16.504	248	545972	19.692	ng/ul	97
69) Hexachlorobenzene	16.616	284	648694	19.404	ng/ul	97
70) Atrazine	16.775	200	536948	19.402	ng/ul	99
71) Pentachlorophenol	16.969	266	369003	18.544	ng/ul	97
72) Phenanthrene	17.363	178	2678887	18.825	ng/ul	100
74) Anthracene	17.457	178	2675304	19.032	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	822727	20.353	ng/uL	99
76) Pentachlorobenzene	14.881	250	785795	19.966	ng/uL	99
77) Carbazole	17.728	167	2321068	19.064	ng/ul	99
78) Di-n-butylphthalate	18.269	149	2765983	23.165	ng/ul	99
80) Fluoranthene	19.328	202	3161962	19.683	ng/ul	98
82) Pyrene	19.680	202	3314159	19.470	ng/ul	99
83) Butylbenzylphthalate	20.545	149	1245092	24.106	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.322	252	1004172	21.121	ng/ul	100
85) Benzo(a)anthracene	21.392	228	3306092	19.352	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1884242	26.189	ng/ul	100
87) Chrysene	21.445	228	3131155	18.804	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	3160717	25.399	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	3413296	18.589	ng/ul	100
91) Benzo(k)fluoranthene	23.163	252	3385418	19.322	ng/ul	99
93) Benzo(a)pyrene	23.763	252	3042224	18.870	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.439	276	4078256	18.257	ng/ul	99
95) Dibenzo(a,h)anthracene	26.457	278	3385346	18.167	ng/ul	99
96) Benzo(g,h,i)perylene	27.227	276	3282250	17.864	ng/ul	98

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

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