Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014166.D
Acq On : 21 Mar 2023 06:25
Operator : CG/JU
Sample : PB151524BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 21 06:49:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 04:47:07 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS524

Manual IntegrationsAPPROVED

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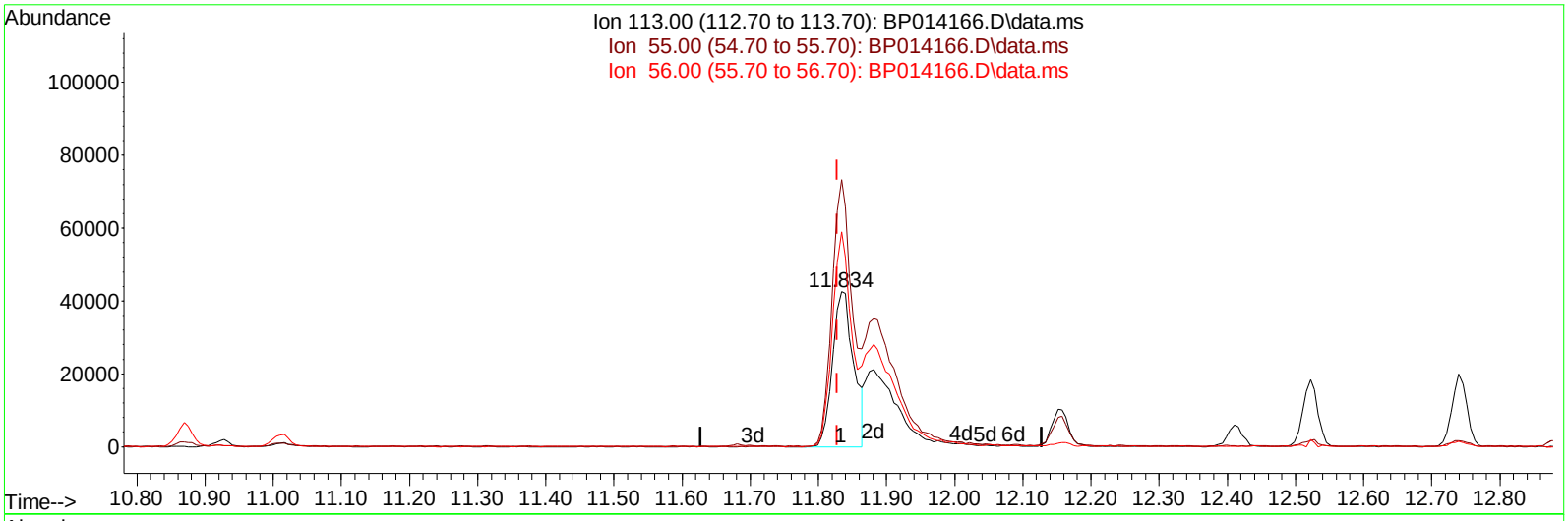
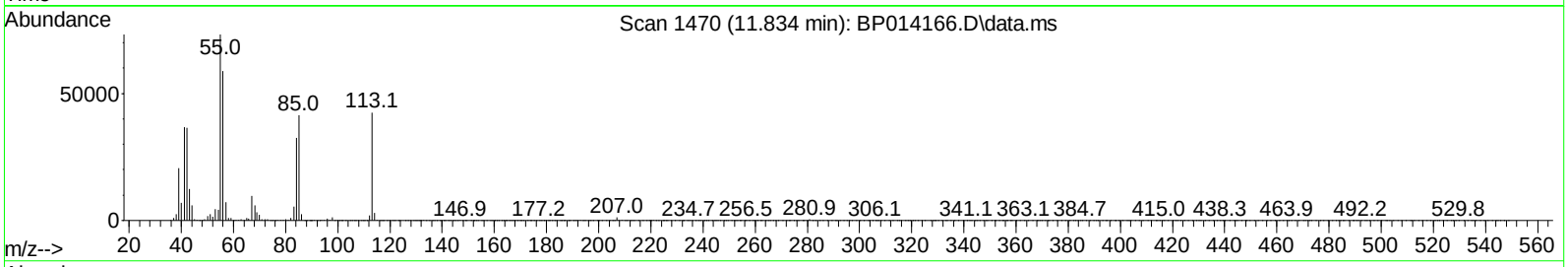
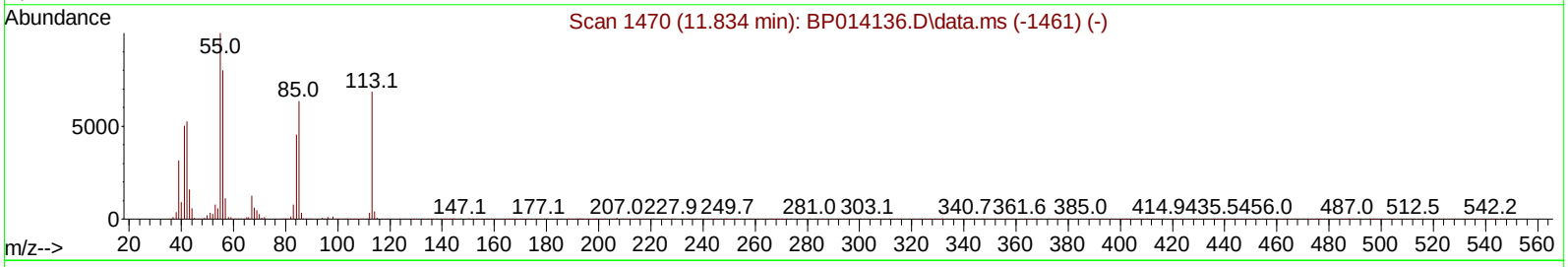
Supervised By :Jagrut Upadhyay 03/21/2023







TIC: BP014166.D\data.ms

(34) Caprolactam

11.834min (+ 0.006) 21.24 ng/ul

response 91766

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	172.02
56.00	127.50	138.44
0.00	0.00	0.00

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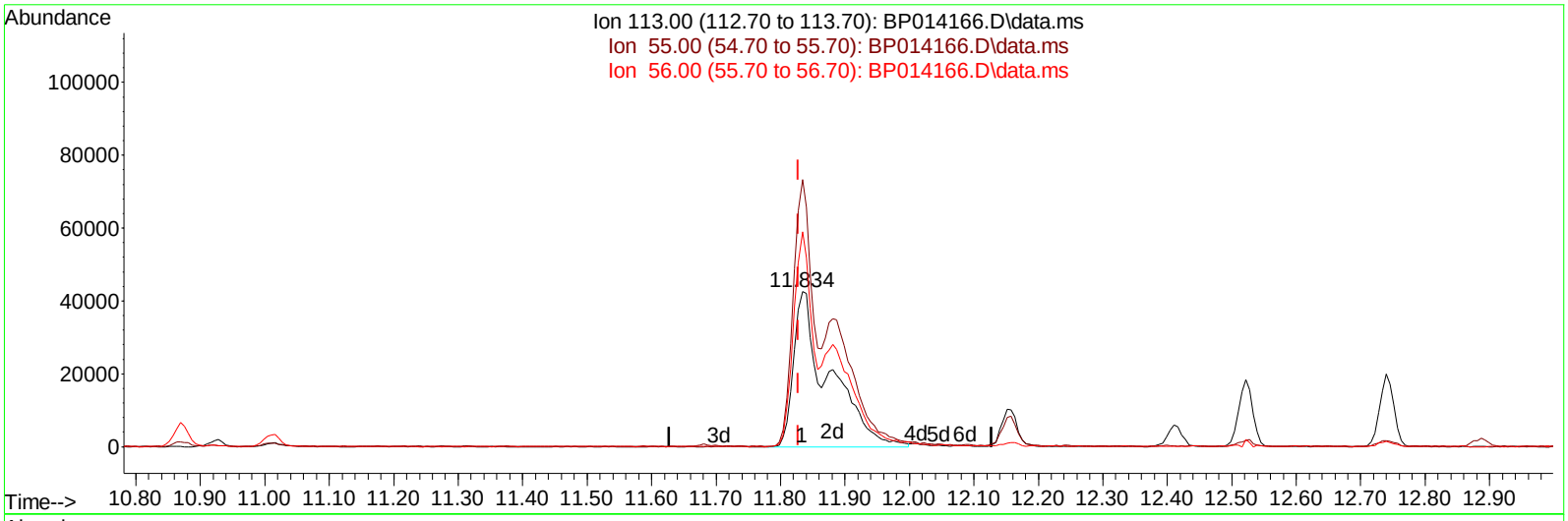

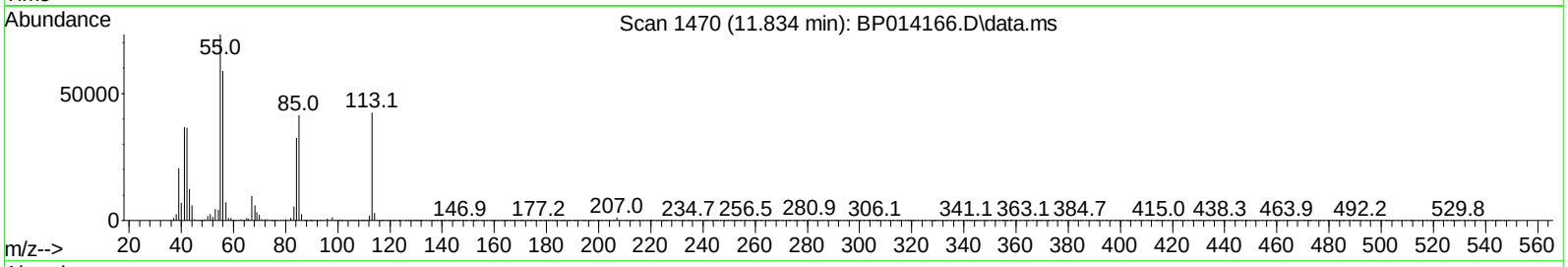

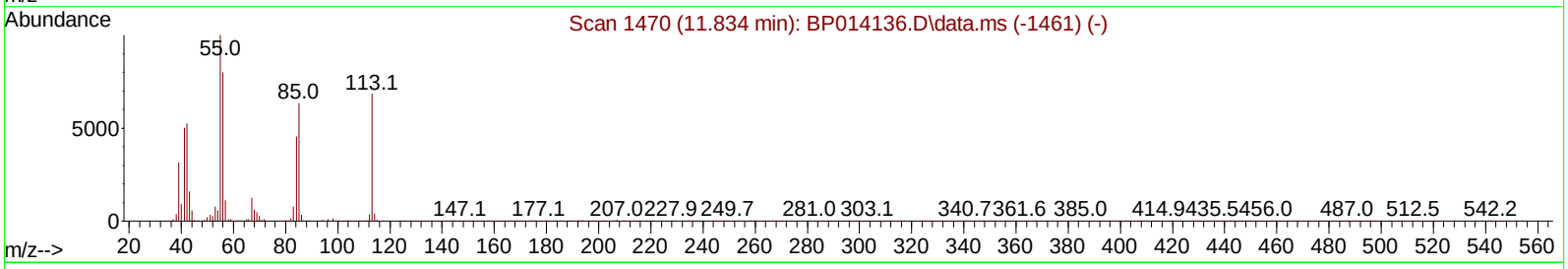

TIC: BP014166.D\data.ms

(34) Caprolactam

11.834min (+ 0.006) 37.32 ng/ul m

response 161222

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	172.02
56.00	127.50	138.44
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	8.046	152	176261	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	750452	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	507076	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1175569	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1090086	20.000	ng/ul	# 0.00
88) Perylene-d12	24.045	264	942427	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	29503	6.324	ng/uL	0.00
4) Pyridine-d5	3.846	84	361305	27.972	ng/ul	0.00
7) Phenol-d5	7.211	99	595731	38.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	360115	39.697	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	434800	36.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	487125	38.339	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	227187	37.941	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	267017	37.253	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	481103	35.672	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	444012	24.877	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1535868	35.689	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1678492	36.819	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	278055	36.665	ng/ul	0.00
60) Fluorene-d10	15.681	176	1305045	35.783	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	318026	35.794	ng/ul	0.00
73) Anthracene-d10	17.545	188	2091372	36.647	ng/ul	0.00
81) Pyrene-d10	19.769	212	2553377	42.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	1926557	38.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	57656	11.448	ng/uL	93
5) Pyridine	3.864	79	396185	30.246	ng/ul	91
6) Benzaldehyde	7.187	77	273020	35.276	ng/ul	99
8) Phenol	7.234	94	594775	37.079	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	457937	37.263	ng/ul	97
12) 2-Chlorophenol	7.611	128	437036	36.603	ng/ul	96
13) 2-Methylphenol	8.499	108	440801	36.956	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	572157	43.112	ng/ul	99
16) Acetophenone	8.881	105	743010	36.199	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	402150	38.298	ng/ul	98
18) 4-Methylphenol	8.828	108	486409	37.075	ng/ul	99
19) Hexachloroethane	9.134	117	190243	36.380	ng/ul	94
22) Nitrobenzene	9.269	77	601772	37.569	ng/ul	99
23) Isophorone	9.799	82	1130037	36.635	ng/ul	98
25) 2-Nitrophenol	9.981	139	268573	36.356	ng/ul	96
26) 2,4-Dimethylphenol	10.040	107	558050	34.512	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.275	93	657876	36.872	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	454521	34.165	ng/ul	99
30) Naphthalene	10.922	128	1440165	34.947	ng/ul	99
32) 4-Chloroaniline	11.034	127	442531	24.640	ng/ul	100
33) Hexachlorobutadiene	11.199	225	337872	31.915	ng/ul	98
34) Caprolactam	11.834	113	161222m	37.323	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	568840	36.977	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	1010158	34.948	ng/ul	99
37) 1-Methylnaphthalene	12.740	142	1029766	35.446	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.887	216	619400	33.779	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	361309	27.517	ng/ul	97
41) 2,4,6-Trichlorophenol	13.128	196	402253	34.921	ng/ul	98
42) 2,4,5-Trichlorophenol	13.204	196	444251	35.142	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1395325	35.741	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	1117545	36.043	ng/ul	97
45) 2-Nitroaniline	13.781	65	383329	41.801	ng/ul	94
47) Dimethylphthalate	14.145	163	1503713	35.301	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	317927	37.752	ng/ul	100
50) Acenaphthylene	14.416	152	1728178	36.122	ng/ul	100
51) 3-Nitroaniline	14.604	138	288255	38.658	ng/ul	95
52) Acenaphthene	14.757	153	1202008	35.939	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	214764	34.149	ng/ul	95
55) 4-Nitrophenol	14.910	109	262844	32.086	ng/ul	87
56) Dibenzofuran	15.087	168	1693037	34.796	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	470658	37.406	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.316	232	394684	32.634	ng/ul	99
59) Diethylphthalate	15.504	149	1550332	35.884	ng/ul	99
61) Fluorene	15.740	166	1409015	34.935	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.728	204	753199	33.835	ng/ul	100
63) 4-Nitroaniline	15.769	138	326524	42.602	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.822	198	302692	35.709	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	1226349	36.937	ng/ul	100
68) 4-Bromophenyl-phenylether	16.628	248	496868	34.962	ng/ul	97
69) Hexachlorobenzene	16.745	284	576209	34.407	ng/ul	97
70) Atrazine	16.898	200	144963	10.123	ng/ul	95
71) Pentachlorophenol	17.092	266	327329	29.902	ng/ul	99
72) Phenanthrene	17.486	178	2334417	36.408	ng/ul	99
74) Anthracene	17.581	178	2363729	36.358	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	638029	35.365	ng/uL	99
76) Pentachlorobenzene	15.004	250	652952	34.841	ng/uL	99
77) Carbazole	17.851	167	2128575	37.119	ng/ul	100
78) Di-n-butylphthalate	18.381	149	2798654	39.050	ng/ul	99
80) Fluoranthene	19.445	202	2919737	42.607	ng/ul#	96
82) Pyrene	19.798	202	2994940	41.895	ng/ul#	95
83) Butylbenzylphthalate	20.651	149	1341613	46.544	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.433	252	819378	29.362	ng/ul	100
85) Benzo(a)anthracene	21.510	228	2827393	36.876	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1965720	45.614	ng/ul	100
87) Chrysene	21.563	228	2663256	36.448	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3272936	55.038	ng/ul	100
90) Benzo(b)fluoranthene	23.269	252	2504214	39.877	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2322533	38.785	ng/ul	98
93) Benzo(a)pyrene	23.939	252	2031619	37.195	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.698	276	2382170	32.945	ng/ul	96
95) Dibenzo(a,h)anthracene	26.709	278	1996782	33.226	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	1905333	32.967	ng/ul	98

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

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