Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031623\
Data File : BP014112.D
Acq On : 16 Mar 2023 20:31
Operator : CG/JU
Sample : PB151453BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 17 01:02:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 17 00:57:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS453

Manual IntegrationsAPPROVED

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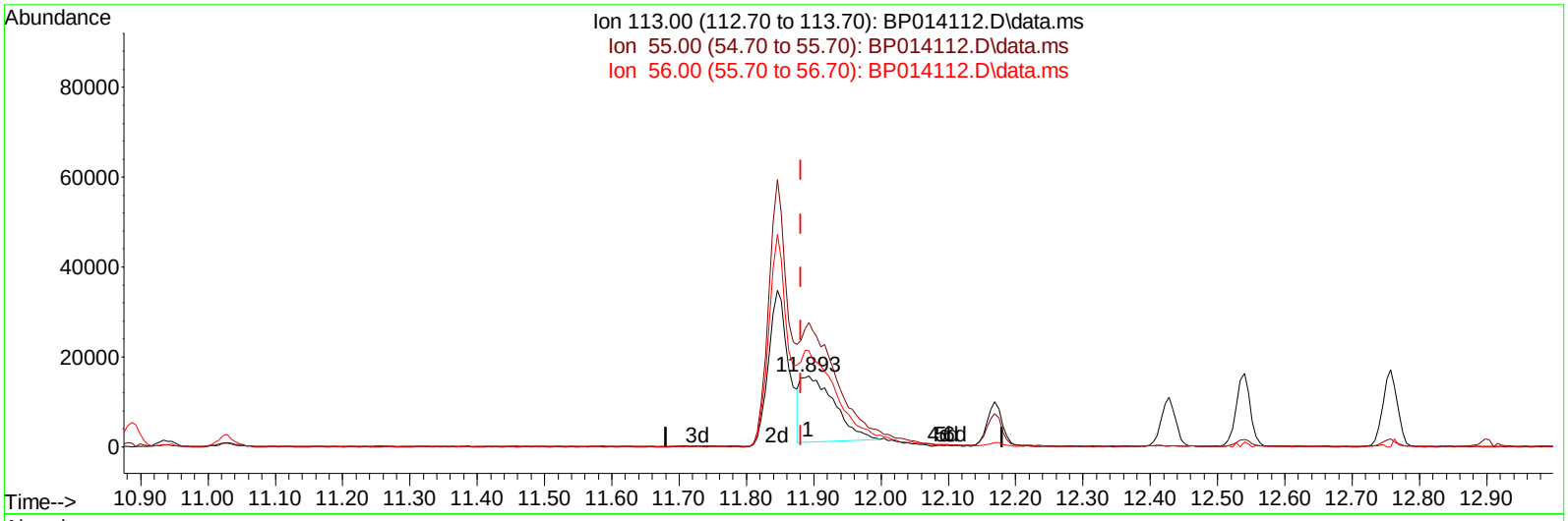
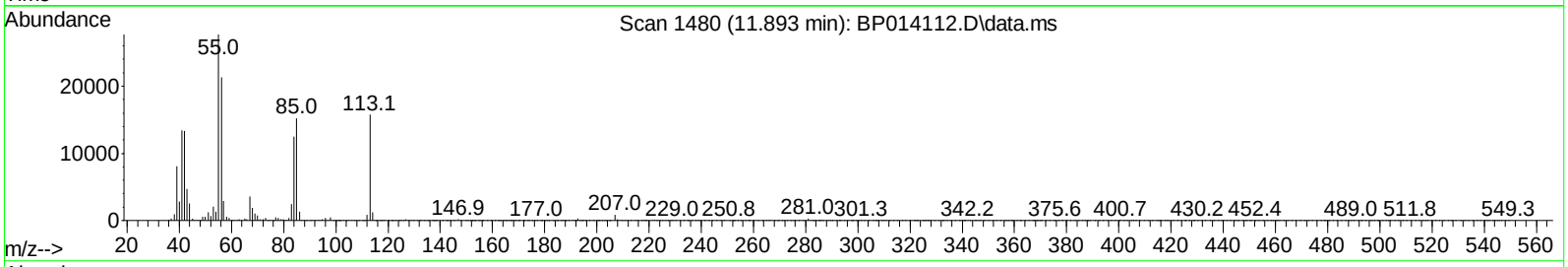
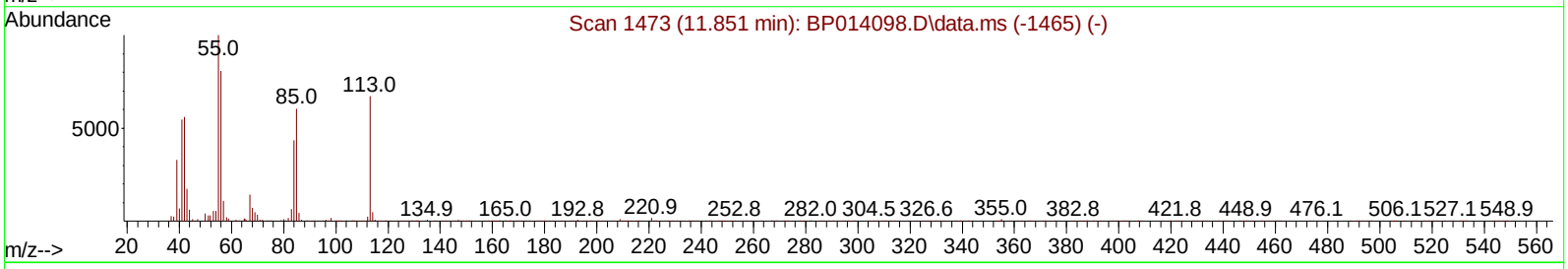
Supervised By :Jagrut Upadhyay 03/17/2023







TIC: BP014112.D\data.ms

(34) Caprolactam

11.893min (+ 0.012) 12.77 ng/ul

response 52154

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	175.86
56.00	127.50	135.58
0.00	0.00	0.00

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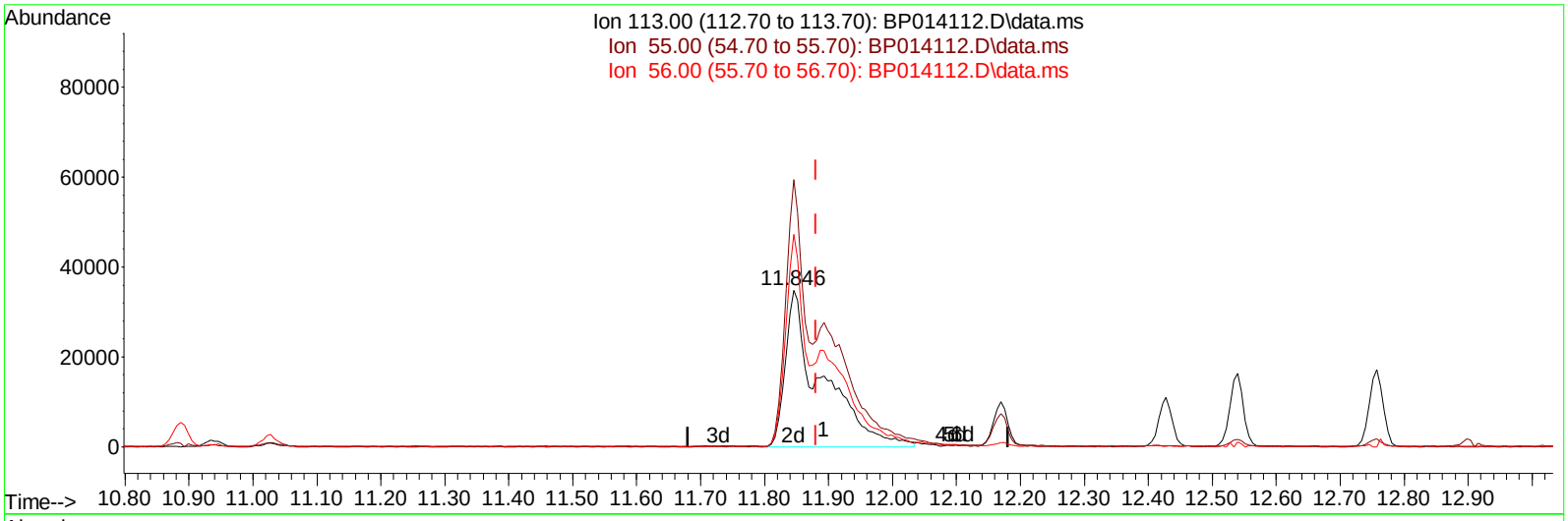

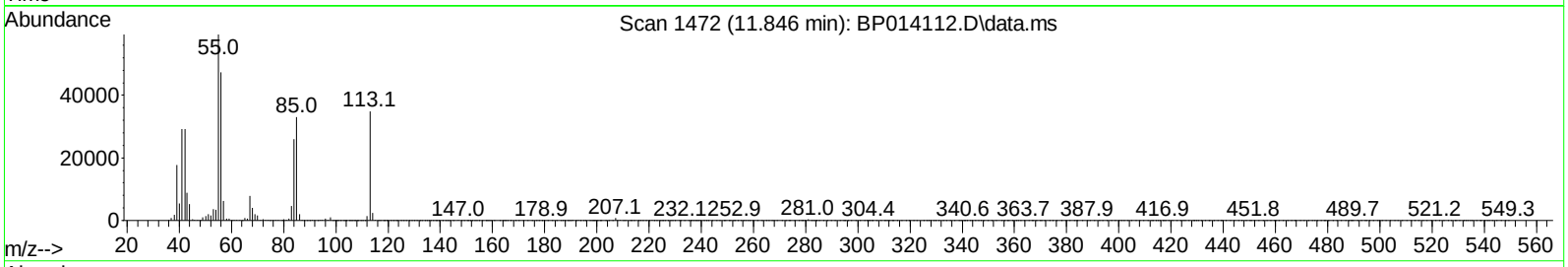

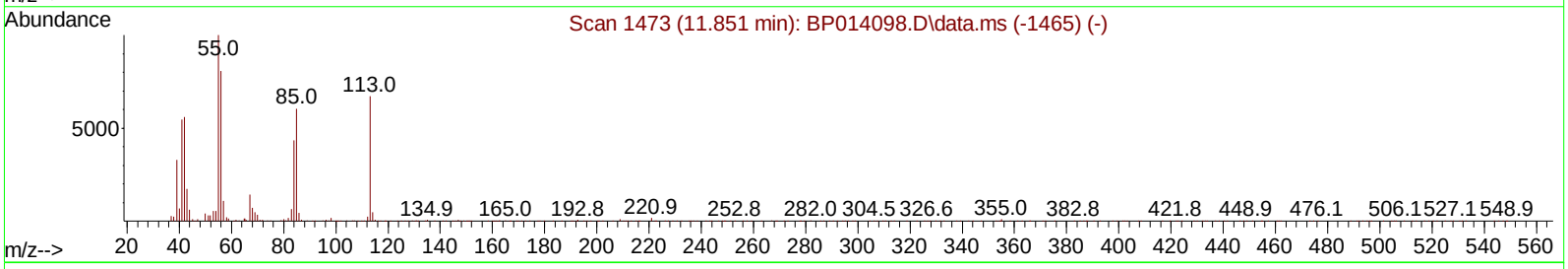

TIC: BP014112.D\data.ms

(34) Caprolactam

11.846min (-0.035) 33.52 ng/ul m

response 136912

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	170.48
56.00	127.50	135.80
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	8.063	152	168789	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	709690	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	481789	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1110152	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1131860	20.000	ng/ul	# 0.00
88) Perylene-d12	24.080	264	1163561	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	27508	6.158	ng/uL	0.00
4) Pyridine-d5	3.858	84	344592	27.859	ng/ul	0.00
7) Phenol-d5	7.222	99	523821	35.167	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	312983	36.029	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	379429	33.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	423599	34.815	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	193037	34.090	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	227427	33.552	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	417693	32.749	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	354047	20.976	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1308322	31.998	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1438764	33.217	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	244965	33.997	ng/ul	0.00
60) Fluorene-d10	15.698	176	1119686	32.312	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	271653	32.376	ng/ul	0.00
73) Anthracene-d10	17.563	188	1804622	33.486	ng/ul	0.00
81) Pyrene-d10	19.786	212	2194898	35.160	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2126955	34.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	54467	11.294	ng/uL	92
5) Pyridine	3.875	79	355503	28.341	ng/ul	95
6) Benzaldehyde	7.199	77	265645	35.843	ng/ul	99
8) Phenol	7.246	94	529278	34.456	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.481	93	402849	34.232	ng/ul	98
12) 2-Chlorophenol	7.622	128	383182	33.513	ng/ul	96
13) 2-Methylphenol	8.510	108	391740	34.297	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.593	45	500621	39.391	ng/ul	98
16) Acetophenone	8.899	105	652019	33.173	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	350186	34.826	ng/ul	98
18) 4-Methylphenol	8.840	108	430162	34.239	ng/ul	95
19) Hexachloroethane	9.152	117	165438	33.037	ng/ul	97
22) Nitrobenzene	9.281	77	520395	34.355	ng/ul	98
23) Isophorone	9.810	82	983548	33.717	ng/ul	97
25) 2-Nitrophenol	9.999	139	230616	33.011	ng/ul	97
26) 2,4-Dimethylphenol	10.052	107	495860	32.427	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.287	93	575794	34.125	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	400413	31.826	ng/ul	98
30) Naphthalene	10.940	128	1255552	32.217	ng/ul	100
32) 4-Chloroaniline	11.051	127	380307	22.392	ng/ul	98
33) Hexachlorobutadiene	11.216	225	292192	29.186	ng/ul	99
34) Caprolactam	11.846	113	136912m	33.515	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	492521	33.855	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.540	142	865095	31.649	ng/ul	99
37) 1-Methylnaphthalene	12.757	142	885169	32.218	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.904	216	535234	30.721	ng/ul	98
40) Hexachlorocyclopentadiene	12.875	237	334785	26.835	ng/ul	97
41) 2,4,6-Trichlorophenol	13.145	196	358039	32.714	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	395407	32.920	ng/ul	99
43) 1,1'-Biphenyl	13.540	154	1219117	32.867	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	972525	33.012	ng/ul	99
45) 2-Nitroaniline	13.793	65	329934	37.867	ng/ul	92
47) Dimethylphthalate	14.157	163	1295675	32.014	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	275354	34.413	ng/ul	94
50) Acenaphthylene	14.434	152	1503526	33.076	ng/ul	100
51) 3-Nitroaniline	14.616	138	256783	36.245	ng/ul	93
52) Acenaphthene	14.769	153	1044635	32.873	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	184756	30.920	ng/ul	94
55) 4-Nitrophenol	14.928	109	232387	29.857	ng/ul	87
56) Dibenzofuran	15.104	168	1476091	31.929	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	400211	33.477	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.334	232	359185	31.258	ng/ul	98
59) Diethylphthalate	15.522	149	1318636	32.123	ng/ul	100
61) Fluorene	15.757	166	1227444	32.030	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	648026	30.638	ng/ul	98
63) 4-Nitroaniline	15.787	138	287075	39.420	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.839	198	265253	33.136	ng/ul	99
67) N-Nitrosodiphenylamine	15.963	169	1050946	33.519	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	420666	31.345	ng/ul	99
69) Hexachlorobenzene	16.763	284	495781	31.349	ng/ul	97
70) Atrazine	16.916	200	291342	21.544	ng/ul	98
71) Pentachlorophenol	17.110	266	316059	30.574	ng/ul	98
72) Phenanthrene	17.510	178	1997195	32.984	ng/ul	100
74) Anthracene	17.598	178	2040745	33.240	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	552738	32.442	ng/uL	99
76) Pentachlorobenzene	15.022	250	560312	31.659	ng/uL	99
77) Carbazole	17.869	167	1854436	34.244	ng/ul	100
78) Di-n-butylphthalate	18.398	149	2357897	34.839	ng/ul	100
80) Fluoranthene	19.463	202	2532973	35.599	ng/ul#	96
82) Pyrene	19.816	202	2598822	35.012	ng/ul#	95
83) Butylbenzylphthalate	20.669	149	1122256	37.497	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	756853	26.121	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2645317	33.228	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	1640471	36.662	ng/ul	100
87) Chrysene	21.586	228	2537690	33.447	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2849658	38.813	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2661426	34.326	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2619039	35.425	ng/ul	99
93) Benzo(a)pyrene	23.974	252	2249043	33.350	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.751	276	2583978	28.944	ng/ul	97
95) Dibenzo(a,h)anthracene	26.768	278	2168638	29.227	ng/ul	99
96) Benzo(g,h,i)perylene	27.574	276	2002599	28.065	ng/ul	98

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

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