Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014154.D
Acq On : 20 Mar 2023 23:02
Operator : CG/JU
Sample : PB151502BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 21 00:49:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 13:12:59 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS502

Manual IntegrationsAPPROVED

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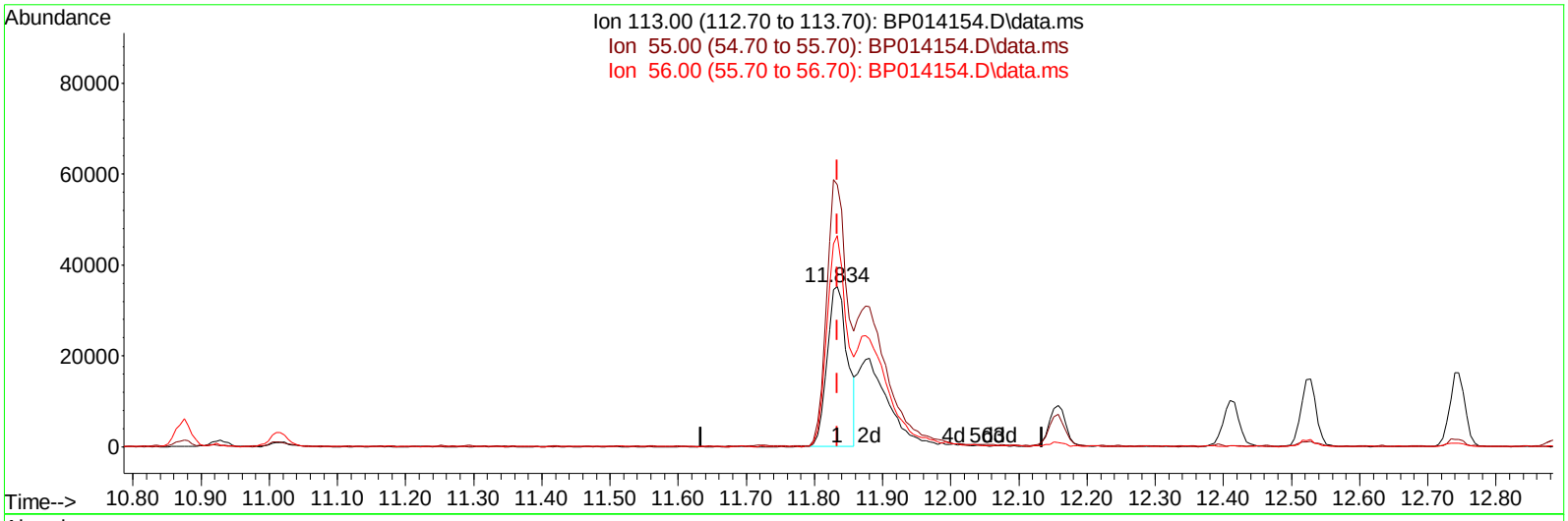
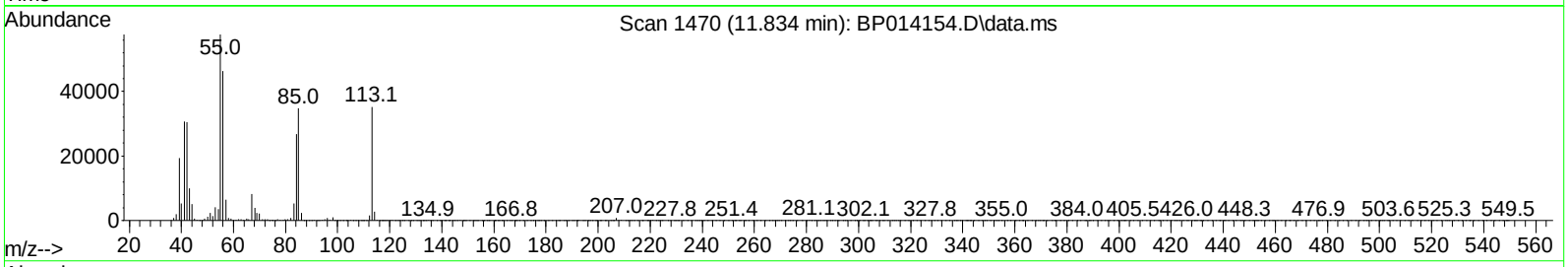
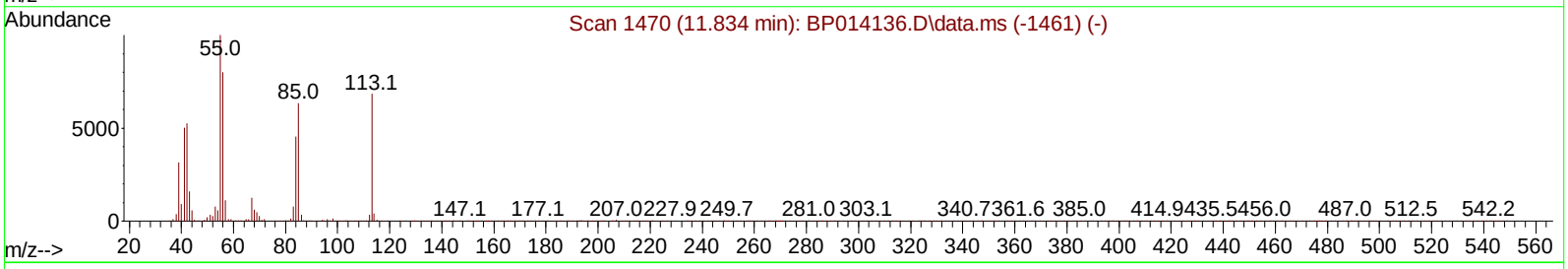
Supervised By :Jagrut Upadhyay 03/21/2023







TIC: BP014154.D\data.ms

(34) Caprolactam

11.834min (-0.000) 17.58 ng/ul

response 73225

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	163.86
56.00	127.50	131.86
0.00	0.00	0.00

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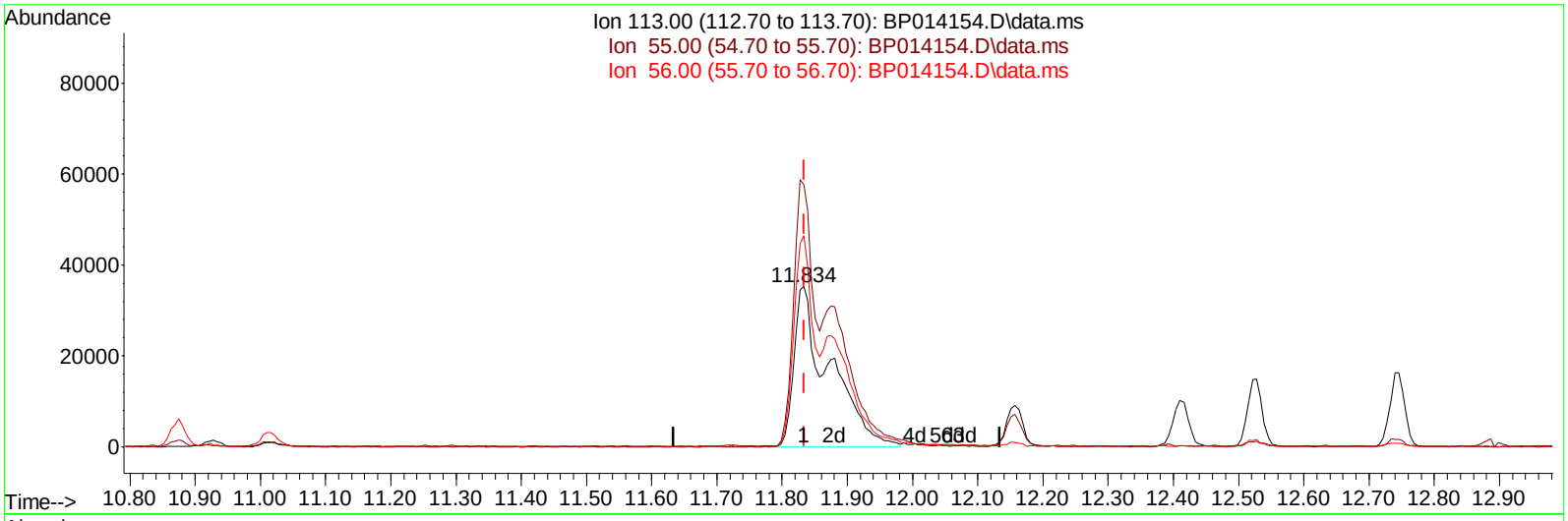

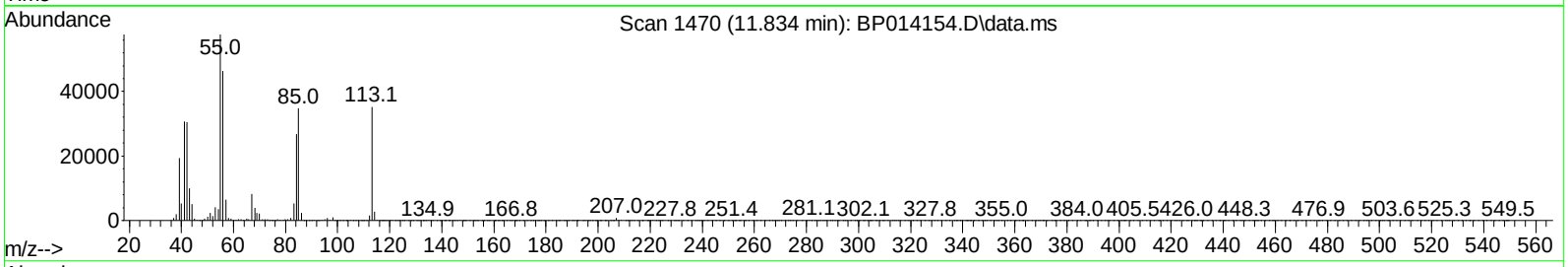

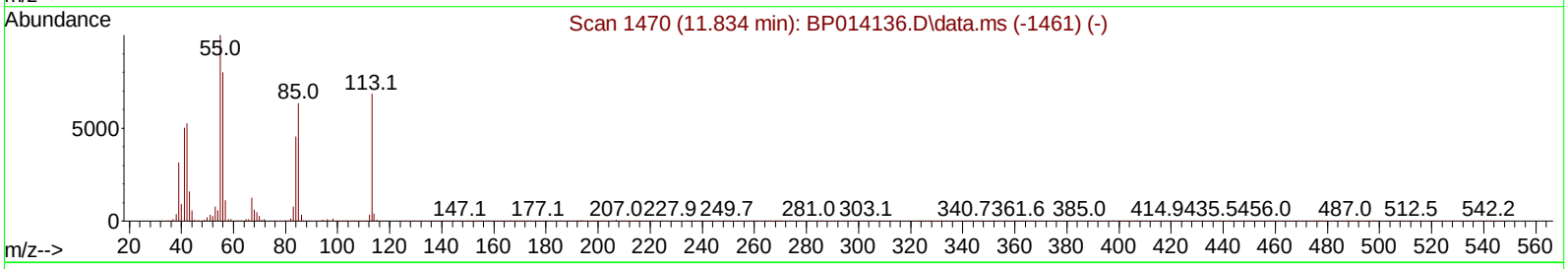

TIC: BP014154.D\data.ms

(34) Caprolactam

11.834min (-0.000) 32.06 ng/ul m

response 133576

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	163.86
56.00	127.50	131.86
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	8.052	152	169422	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	723822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	493505	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1151994	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.527	240	1213834	20.000	ng/ul	# 0.00
88) Perylene-d12	24.051	264	1247300	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	24105	5.376	ng/uL	0.00
4) Pyridine-d5	3.846	84	300384	24.194	ng/ul	0.00
7) Phenol-d5	7.210	99	482407	32.266	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	287281	32.947	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	359224	31.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	399301	32.696	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	185248	32.076	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	217601	31.475	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	403551	31.023	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	458443	26.631	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1282656	30.625	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	1399170	31.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	233078	31.579	ng/ul	0.00
60) Fluorene-d10	15.686	176	1087649	30.642	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	267847	30.763	ng/ul	0.00
73) Anthracene-d10	17.551	188	1725876	30.861	ng/ul	0.00
81) Pyrene-d10	19.769	212	2202655	32.902	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	2149820	32.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	49253	10.175	ng/uL	94
5) Pyridine	3.864	79	320744	25.475	ng/ul	94
6) Benzaldehyde	7.187	77	246724	33.165	ng/ul	99
8) Phenol	7.234	94	484648	31.433	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.469	93	374955	31.743	ng/ul	97
12) 2-Chlorophenol	7.616	128	361374	31.488	ng/ul	98
13) 2-Methylphenol	8.499	108	372790	32.516	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	467925	36.681	ng/ul	99
16) Acetophenone	8.887	105	624882	31.673	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.869	70	333923	33.084	ng/ul	98
18) 4-Methylphenol	8.828	108	407963	32.351	ng/ul	97
19) Hexachloroethane	9.140	117	159890	31.810	ng/ul	98
22) Nitrobenzene	9.269	77	497891	32.228	ng/ul	100
23) Isophorone	9.798	82	950955	31.963	ng/ul	98
25) 2-Nitrophenol	9.987	139	225564	31.657	ng/ul	96
26) 2,4-Dimethylphenol	10.040	107	460356	29.518	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.275	93	547967	31.842	ng/ul	100
29) 2,4-Dichlorophenol	10.522	162	387319	30.185	ng/ul	98
30) Naphthalene	10.928	128	1220189	30.699	ng/ul	99
32) 4-Chloroaniline	11.040	127	413259	23.857	ng/ul	97
33) Hexachlorobutadiene	11.204	225	293998	28.793	ng/ul	99
34) Caprolactam	11.834	113	133576m	32.060	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	471915	31.805	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.528	142	843857	30.269	ng/ul	99
37)	1-Methylnaphthalene	12.745	142	867009	30.941	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.892	216	532900	29.861	ng/ul	99
40)	Hexachlorocyclopentadiene	12.863	237	299458	23.433	ng/ul	98
41)	2,4,6-Trichlorophenol	13.128	196	346120	30.874	ng/ul	98
42)	2,4,5-Trichlorophenol	13.204	196	384207	31.228	ng/ul	99
43)	1,1'-Biphenyl	13.528	154	1188733	31.287	ng/ul	99
44)	2-Chloronaphthalene	13.575	162	954552	31.633	ng/ul	99
45)	2-Nitroaniline	13.781	65	322932	36.183	ng/ul	93
47)	Dimethylphthalate	14.145	163	1278543	30.841	ng/ul	100
48)	2,6-Dinitrotoluene	14.269	165	271141	33.082	ng/ul	99
50)	Acenaphthylene	14.416	152	1485256	31.899	ng/ul	100
51)	3-Nitroaniline	14.604	138	241488	33.277	ng/ul	93
52)	Acenaphthene	14.757	153	1025519	31.505	ng/ul	99
53)	2,4-Dinitrophenol	14.810	184	177371	28.979	ng/ul	97
55)	4-Nitrophenol	14.910	109	227657	28.555	ng/ul	92
56)	Dibenzofuran	15.092	168	1451997	30.662	ng/ul	99
57)	2,4-Dinitrotoluene	15.057	165	396874	32.409	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.316	232	351009	29.821	ng/ul	99
59)	Diethylphthalate	15.504	149	1305689	31.053	ng/ul	100
61)	Fluorene	15.739	166	1204774	30.692	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.728	204	644266	29.737	ng/ul	100
63)	4-Nitroaniline	15.769	138	276035	37.005	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.822	198	265440	31.955	ng/ul	96
67)	N-Nitrosodiphenylamine	15.945	169	1032445	31.733	ng/ul	99
68)	4-Bromophenyl-phenylether	16.628	248	423957	30.442	ng/ul	99
69)	Hexachlorobenzene	16.745	284	496160	30.233	ng/ul	96
70)	Atrazine	16.898	200	277580	19.781	ng/ul	98
71)	Pentachlorophenol	17.098	266	299018	27.875	ng/ul	98
72)	Phenanthrene	17.492	178	1974206	31.420	ng/ul	100
74)	Anthracene	17.580	178	1978825	31.061	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.492	216	547958	30.994	ng/uL	99
76)	Pentachlorobenzene	15.010	250	556013	30.275	ng/uL	98
77)	Carbazole	17.851	167	1802539	32.077	ng/ul	100
78)	Di-n-butylphthalate	18.380	149	2351369	33.481	ng/ul	100
80)	Fluoranthene	19.445	202	2495526	32.704	ng/ul#	97
82)	Pyrene	19.798	202	2586988	32.499	ng/ul	97
83)	Butylbenzylphthalate	20.651	149	1141420	35.562	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.439	252	886486	28.529	ng/ul	99
85)	Benzo(a)anthracene	21.510	228	2701215	31.639	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.404	149	1718040	35.803	ng/ul	99
87)	Chrysene	21.568	228	2544958	31.278	ng/ul	100
89)	Di-n-octyl phthalate	22.368	149	3032101	38.526	ng/ul	100
90)	Benzo(b)fluoranthene	23.274	252	2693913	32.413	ng/ul	99
91)	Benzo(k)fluoranthene	23.327	252	2642540	33.343	ng/ul	99
93)	Benzo(a)pyrene	23.939	252	2293583	31.727	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.703	276	2642005	27.608	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.715	278	2210169	27.787	ng/ul	98
96)	Benzo(g,h,i)perylene	27.521	276	2068610	27.044	ng/ul	98

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

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