Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
Data File : BP014042.D
Acq On : 10 Mar 2023 22:23
Operator : CG/JU
Sample : PB151297BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 10 22:57:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 22:47:08 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS297

Manual IntegrationsAPPROVED

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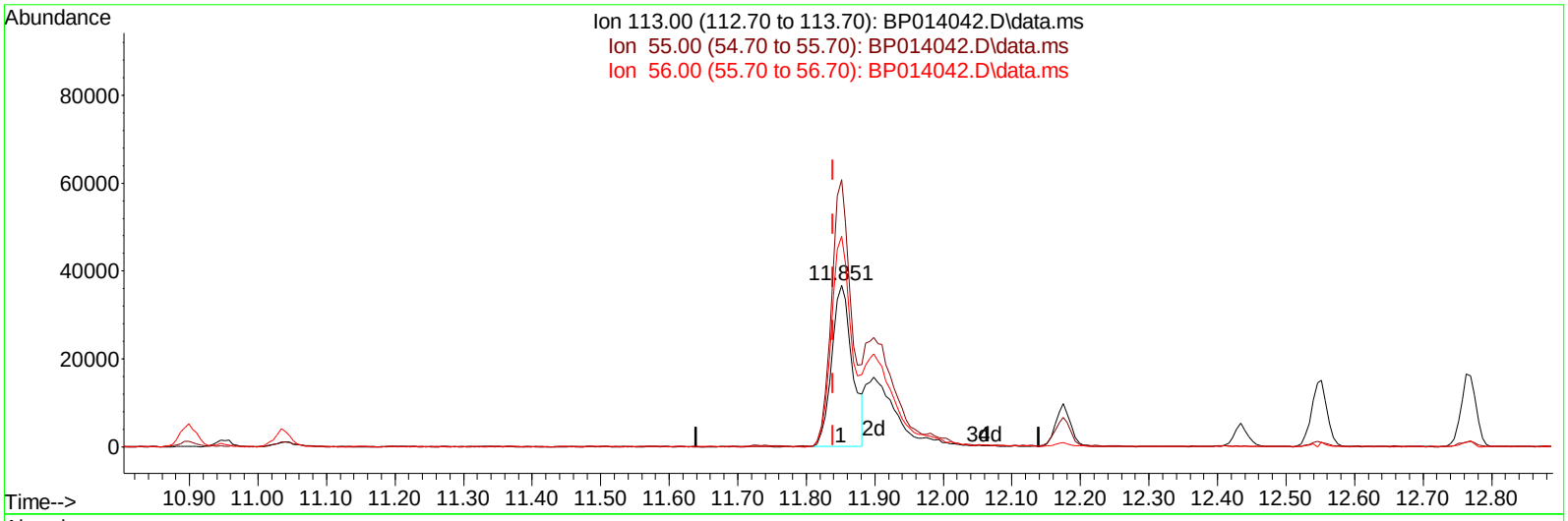
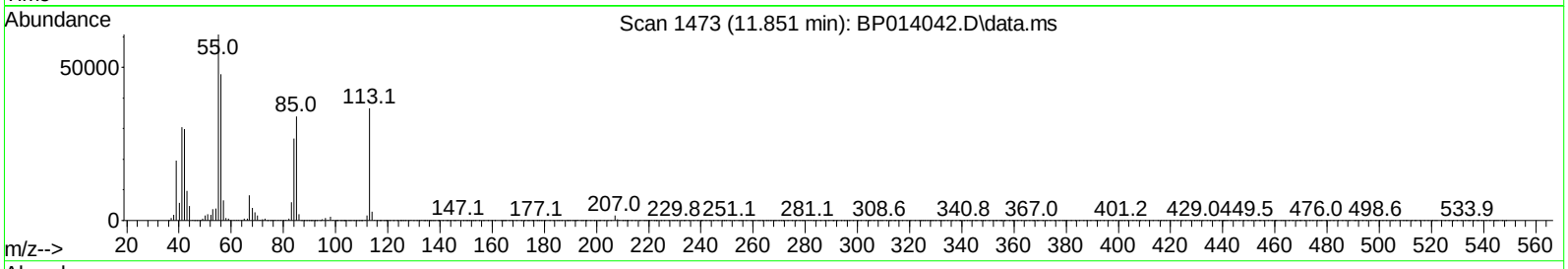
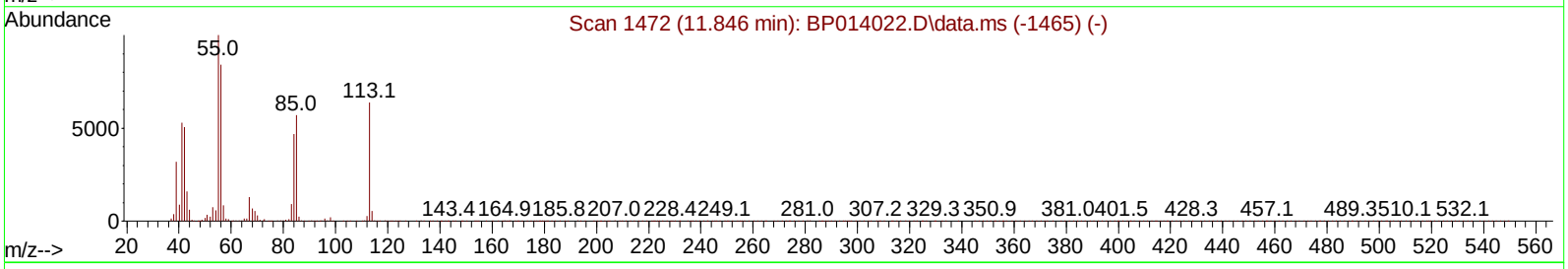
Supervised By :Jagrut Upadhyay 03/13/2023







TIC: BP014042.D\data.ms

(34) Caprolactam

11.851min (+ 0.012) 19.88 ng/ul

response 76157

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.31
56.00	127.50	130.25
0.00	0.00	0.00

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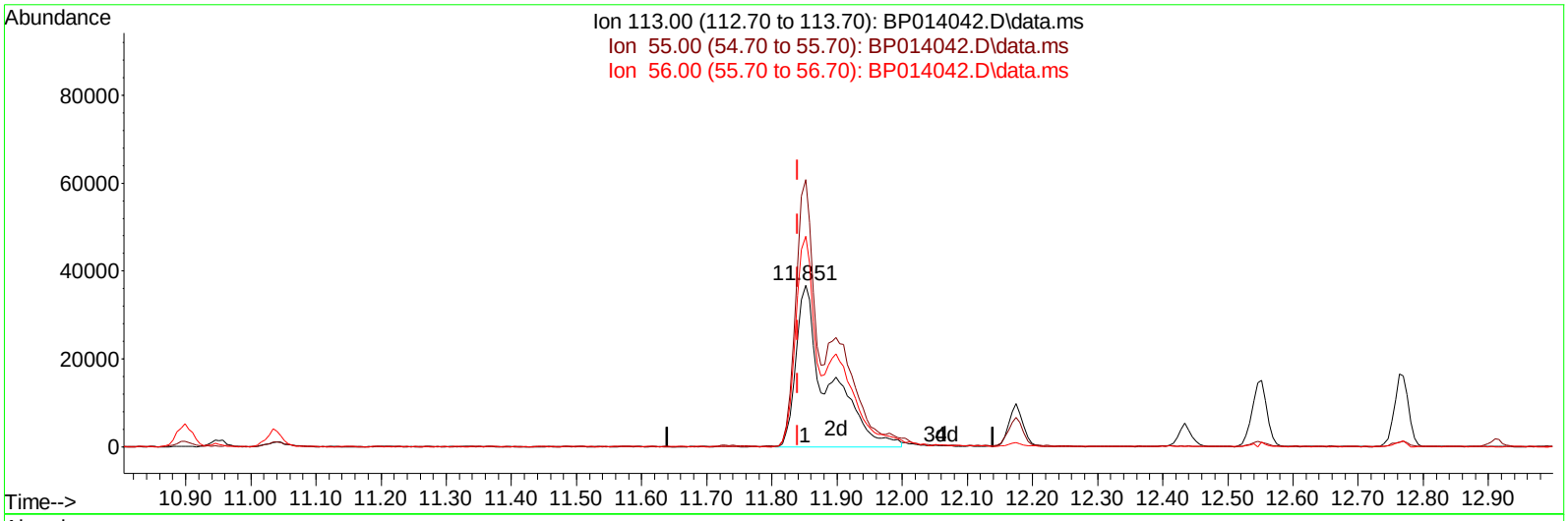

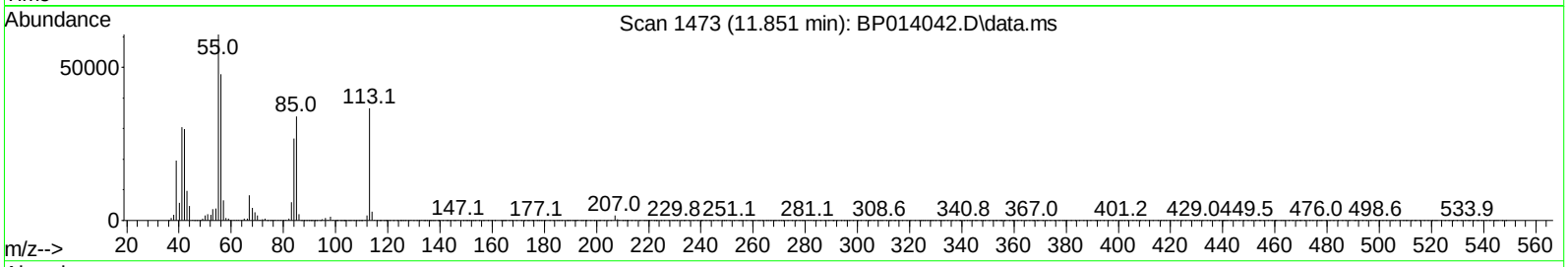

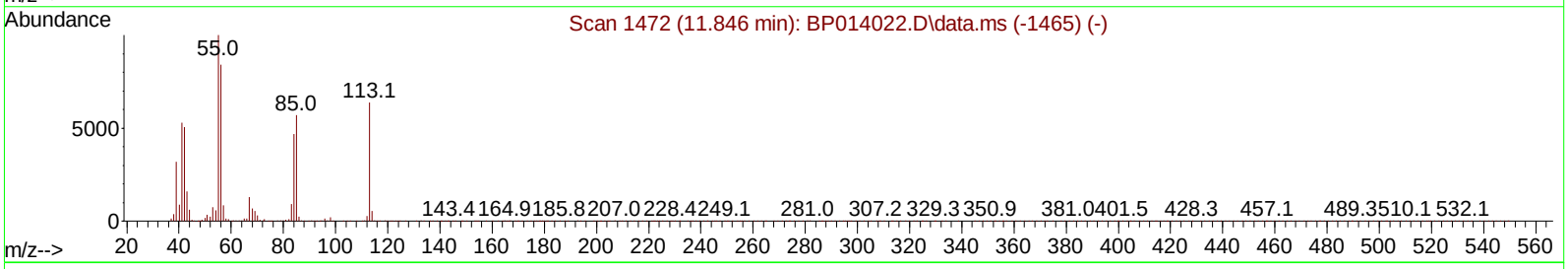

TIC: BP014042.D\data.ms

(34) Caprolactam

11.851min (+ 0.012) 32.57 ng/ul m

response 124803

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.31
56.00	127.50	130.25
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	8.075	152	156686	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	665649	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	462083	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1100740	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1111433	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1192143	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	26217	6.322	ng/uL	0.00
4) Pyridine-d5	3.864	84	377233	32.854	ng/ul	0.00
7) Phenol-d5	7.228	99	467322	33.798	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	269141	33.375	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	346520	32.893	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	370751	32.826	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	176271	33.189	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	203421	31.996	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	385532	32.228	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	469575	29.662	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1224670	31.229	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1321175	31.803	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	219312	31.735	ng/ul	0.00
60) Fluorene-d10	15.704	176	1014210	30.516	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	252582	30.360	ng/ul	0.00
73) Anthracene-d10	17.569	188	1686275	31.557	ng/ul	0.00
81) Pyrene-d10	19.792	212	2126223	34.686	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2061904	32.515	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	53482	11.946	ng/uL	96
5) Pyridine	3.887	79	370312	31.802	ng/ul	98
6) Benzaldehyde	7.211	77	277333	40.310	ng/ul	99
8) Phenol	7.258	94	477556	33.491	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.493	93	358596	32.825	ng/ul	98
12) 2-Chlorophenol	7.634	128	351877	33.153	ng/ul	97
13) 2-Methylphenol	8.516	108	349953	33.005	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.605	45	429082	36.370	ng/ul	98
16) Acetophenone	8.910	105	589141	32.289	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	311629	33.385	ng/ul	96
18) 4-Methylphenol	8.852	108	386041	33.101	ng/ul	98
19) Hexachloroethane	9.163	117	150875	32.456	ng/ul	93
22) Nitrobenzene	9.293	77	473036	33.295	ng/ul	98
23) Isophorone	9.822	82	873971	31.943	ng/ul	98
25) 2-Nitrophenol	10.010	139	210325	32.098	ng/ul	99
26) 2,4-Dimethylphenol	10.063	107	449361	31.331	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.299	93	501821	31.709	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	369817	31.339	ng/ul	98
30) Naphthalene	10.951	128	1133456	31.009	ng/ul	99
32) 4-Chloroaniline	11.063	127	462883	29.057	ng/ul	98
33) Hexachlorobutadiene	11.228	225	278083	29.614	ng/ul	98
34) Caprolactam	11.851	113	124803m	32.572	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	448556	32.872	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.551	142	789677	30.801	ng/ul	100
37) 1-Methylnaphthalene	12.769	142	811104	31.476	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.910	216	505680	30.263	ng/ul	97
40) Hexachlorocyclopentadiene	12.887	237	316996	26.492	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	333299	31.752	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	368399	31.980	ng/ul	100
43) 1,1'-Biphenyl	13.551	154	1106888	31.114	ng/ul	100
44) 2-Chloronaphthalene	13.593	162	886230	31.366	ng/ul	97
45) 2-Nitroaniline	13.798	65	297247	35.570	ng/ul	92
47) Dimethylphthalate	14.163	163	1199362	30.898	ng/ul	100
48) 2,6-Dinitrotoluene	14.293	165	250358	32.623	ng/ul	98
50) Acenaphthylene	14.440	152	1384502	31.757	ng/ul	100
51) 3-Nitroaniline	14.622	138	228830	33.677	ng/ul	93
52) Acenaphthene	14.781	153	951570	31.221	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	164971	28.786	ng/ul	97
55) 4-Nitrophenol	14.928	109	231932	31.070	ng/ul	97
56) Dibenzofuran	15.110	168	1362862	30.737	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	371353	32.388	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.340	232	345043	31.308	ng/ul	99
59) Diethylphthalate	15.528	149	1215459	30.872	ng/ul	100
61) Fluorene	15.763	166	1129847	30.741	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	608569	30.000	ng/ul	99
63) 4-Nitroaniline	15.792	138	246859	35.344	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.839	198	239938	30.230	ng/ul	92
67) N-Nitrosodiphenylamine	15.969	169	976694	31.417	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	404841	30.423	ng/ul	97
69) Hexachlorobenzene	16.769	284	477095	30.425	ng/ul	96
70) Atrazine	16.922	200	408106	30.436	ng/ul	99
71) Pentachlorophenol	17.116	266	306037	29.857	ng/ul	98
72) Phenanthrene	17.510	178	1882355	31.353	ng/ul	99
74) Anthracene	17.604	178	1934107	31.772	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	507644	30.050	ng/uL	98
76) Pentachlorobenzene	15.034	250	516687	29.444	ng/uL	99
77) Carbazole	17.869	167	1709872	31.844	ng/ul	100
78) Di-n-butylphthalate	18.398	149	2120543	31.600	ng/ul	99
80) Fluoranthene	19.463	202	2428566	34.759	ng/ul	99
82) Pyrene	19.822	202	2518989	34.560	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1025817	34.905	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	894503	31.439	ng/ul	97
85) Benzo(a)anthracene	21.533	228	2463708	31.516	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	1483389	33.761	ng/ul	100
87) Chrysene	21.586	228	2391163	32.095	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2612162	34.725	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2643214	33.274	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2627142	34.682	ng/ul	99
93) Benzo(a)pyrene	23.974	252	2247244	32.524	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.757	276	2587679	28.291	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	2166882	28.504	ng/ul	99
96) Benzo(g,h,i)perylene	27.580	276	2032096	27.795	ng/ul	98

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

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