Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
Data File : BP015100.D
Acq On : 16 May 2023 09:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 17 00:33:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 01:39:21 2023
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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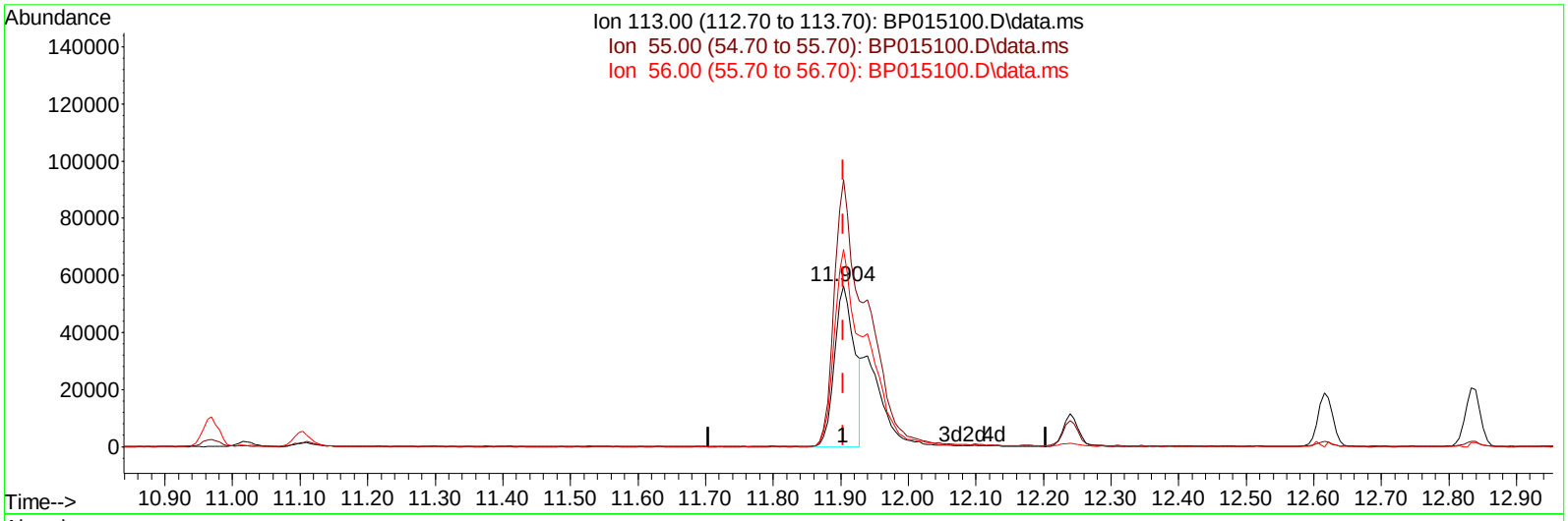
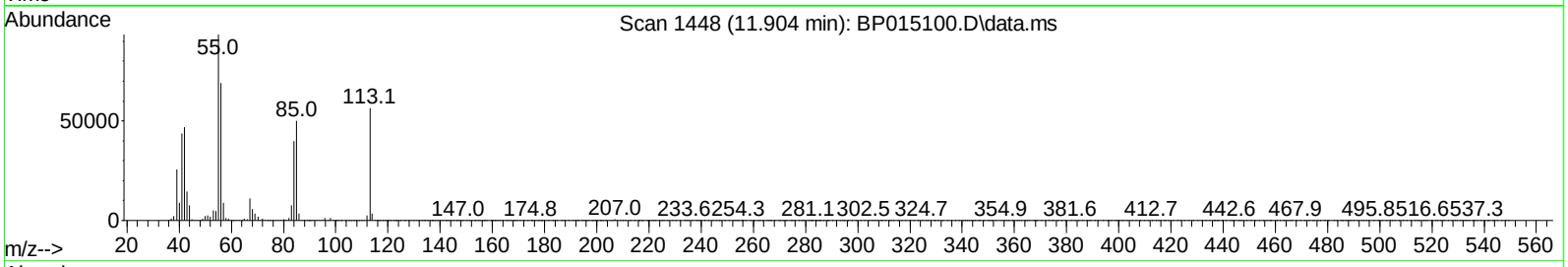
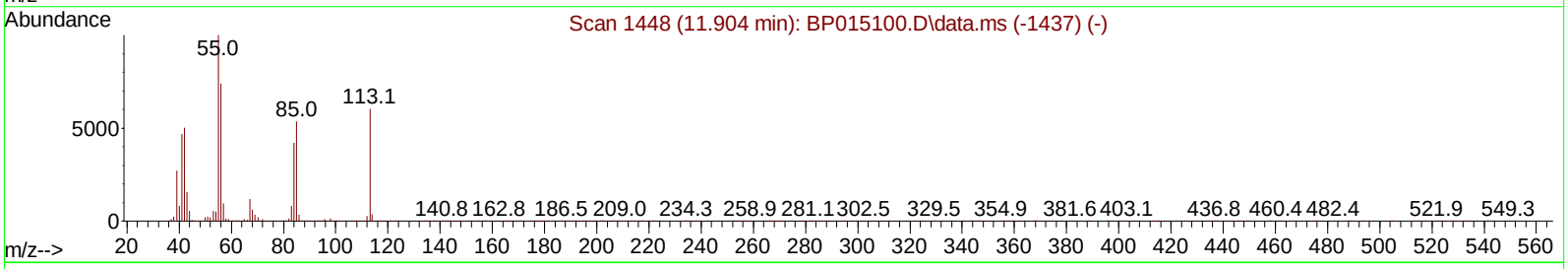
Supervised By :Jagrut Upadhyay 05/17/2023







TIC: BP015100.D\data.ms

(34) Caprolactam

11.904min (-0.000) 12.36 ng/ul

response 116126

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	165.78
56.00	112.80	122.38
0.00	0.00	0.00

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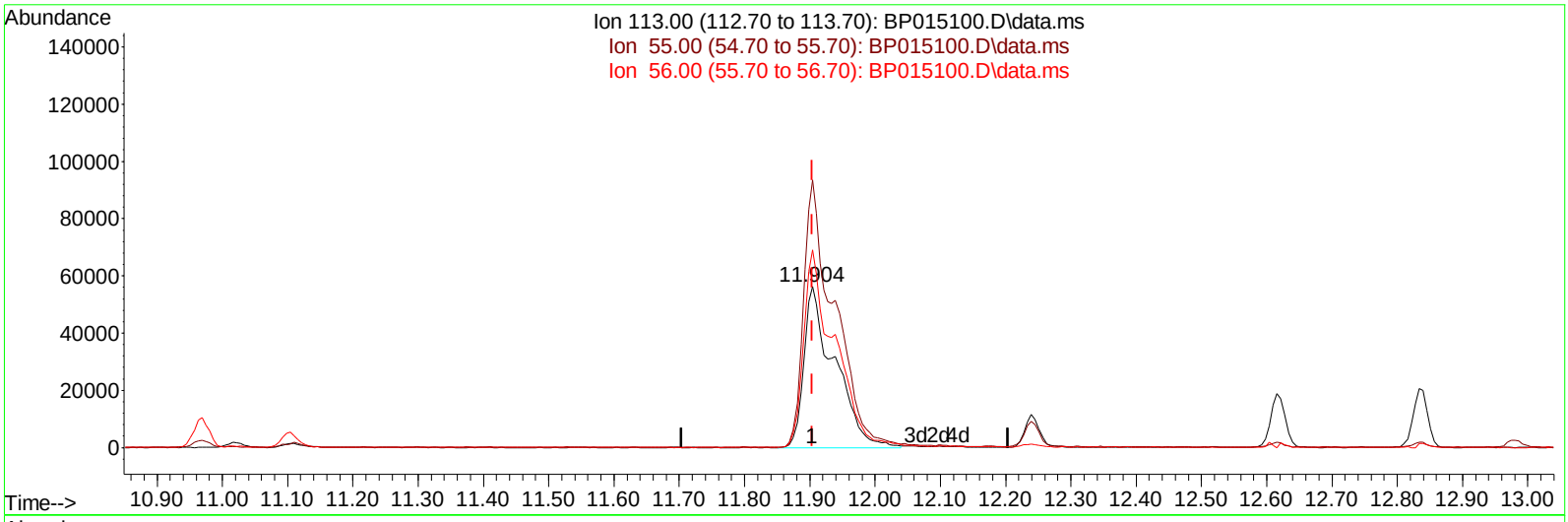

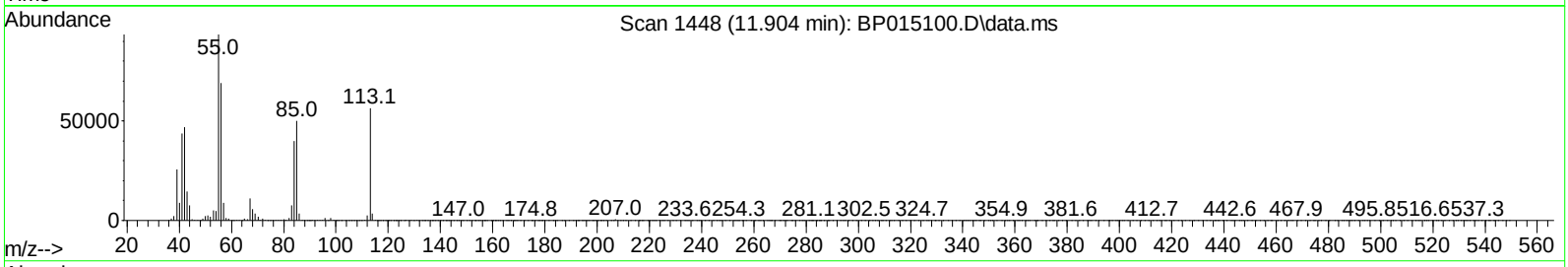

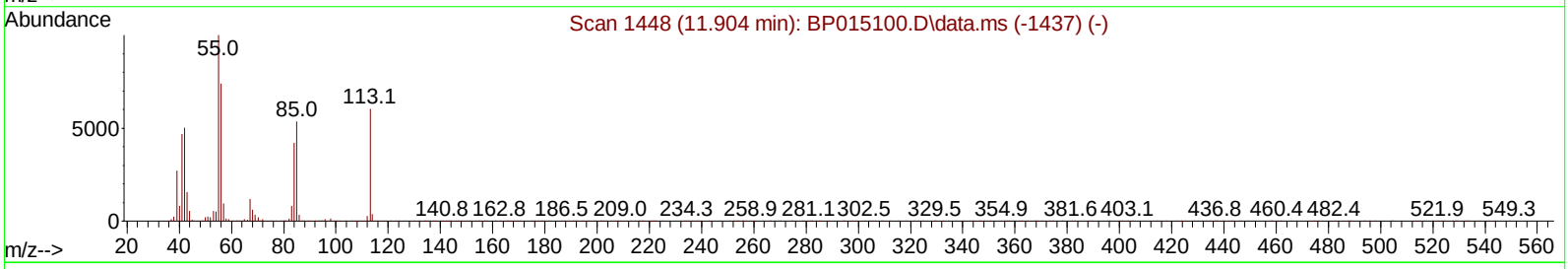

TIC: BP015100.D\data.ms

(34) Caprolactam

11.904min (-0.000) 19.58 ng/ul m

response 183956

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	165.78
56.00	112.80	122.38
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 17 00:40:31 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 01:39:21 2023
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	341025	20.000	ng/ul	0.00
20) Naphthalene-d8	10.969	136	1563636	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.780	164	981592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	2131006	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	1824154	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1812068	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	74618	8.501	ng/uL	0.00
4) Pyridine-d5	3.869	84	544302	21.878	ng/ul	0.00
7) Phenol-d5	7.281	99	676392	21.362	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.451	67	409673	22.402	ng/ul	0.00
11) 2-Chlorophenol-d4	7.657	132	496184	21.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.845	113	547110	21.684	ng/ul	0.00
21) Nitrobenzene-d5	9.310	128	257153	20.929	ng/ul	0.00
24) 2-Nitrophenol-d4	10.039	143	285058	20.851	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	540691	21.917	ng/ul	0.00
31) 4-Chloroaniline-d4	11.104	131	794894	21.777	ng/ul	0.00
46) Dimethylphthalate-d6	14.180	166	1611298	21.723	ng/ul	0.00
49) Acenaphthylene-d8	14.474	160	1864633	21.980	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	300791	20.884	ng/ul	0.00
60) Fluorene-d10	15.774	176	1371257	21.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	260150	19.371	ng/ul	0.00
73) Anthracene-d10	17.639	188	2130624	21.835	ng/ul	0.00
81) Pyrene-d10	19.857	212	2366174	22.365	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1916255	21.303	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	80079	8.491	ng/uL	98
5) Pyridine	3.893	79	562452	21.737	ng/ul	98
6) Benzaldehyde	7.263	77	178101	20.464	ng/ul	99
8) Phenol	7.310	94	709754	21.860	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.545	93	575697	22.162	ng/ul	98
12) 2-Chlorophenol	7.692	128	536904	21.803	ng/ul	98
13) 2-Methylphenol	8.581	108	534203	21.288	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.669	45	755475	23.213	ng/ul	98
16) Acetophenone	8.969	105	899968	22.854	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.951	70	460271	22.287	ng/ul	97
18) 4-Methylphenol	8.910	108	603759	21.860	ng/ul	99
19) Hexachloroethane	9.228	117	218465	21.728	ng/ul	98
22) Nitrobenzene	9.357	77	667810	22.006	ng/ul	99
23) Isophorone	9.886	82	1319796	21.159	ng/ul	100
25) 2-Nitrophenol	10.075	139	318640	21.254	ng/ul	99
26) 2,4-Dimethylphenol	10.128	107	660918	22.092	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.369	93	827857	21.813	ng/ul	98
29) 2,4-Dichlorophenol	10.610	162	548505	22.011	ng/ul	99
30) Naphthalene	11.022	128	1844740	21.700	ng/ul	99
32) 4-Chloroaniline	11.128	127	839040	22.365	ng/ul	99
33) Hexachlorobutadiene	11.304	225	321597	21.413	ng/ul	99
34) Caprolactam	11.904	113	183956m	19.580	ng/ul	
35) 4-Chloro-3-methylphenol	12.239	107	613367	21.799	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.616	142	1252442	21.866	ng/ul	100
37) 1-Methylnaphthalene	12.833	142	1258806	21.885	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.980	216	656866	22.375	ng/ul	97
40) Hexachlorocyclopentadiene	12.957	237	369753	19.439	ng/ul	99
41) 2,4,6-Trichlorophenol	13.216	196	444122	21.424	ng/ul	98
42) 2,4,5-Trichlorophenol	13.292	196	488576	21.737	ng/ul	98
43) 1,1'-Biphenyl	13.616	154	1702628	22.356	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	1325290	22.283	ng/ul	98
45) 2-Nitroaniline	13.863	65	379987	22.329	ng/ul	90
47) Dimethylphthalate	14.233	163	1685100	21.814	ng/ul	100
48) 2,6-Dinitrotoluene	14.357	165	335471	21.920	ng/ul	98
50) Acenaphthylene	14.504	152	2094944	22.132	ng/ul	99
51) 3-Nitroaniline	14.686	138	257845	18.711	ng/ul	99
52) Acenaphthene	14.845	153	1439583	22.268	ng/ul	99
53) 2,4-Dinitrophenol	14.892	184	175489	17.270	ng/ul	95
55) 4-Nitrophenol	14.986	109	231972	21.897	ng/ul	99
56) Dibenzofuran	15.180	168	1998569	22.226	ng/ul	98
57) 2,4-Dinitrotoluene	15.139	165	485717	21.933	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.404	232	411298	21.682	ng/ul	98
59) Diethylphthalate	15.592	149	1660307	21.549	ng/ul	100
61) Fluorene	15.827	166	1598897	22.126	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.816	204	776829	22.001	ng/ul	98
63) 4-Nitroaniline	15.845	138	230467	19.366	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.910	198	276168	19.925	ng/ul	95
67) N-Nitrosodiphenylamine	16.033	169	1366743	21.812	ng/ul	98
68) 4-Bromophenyl-phenylether	16.716	248	480159	21.876	ng/ul	99
69) Hexachlorobenzene	16.839	284	559264	21.561	ng/ul	99
70) Atrazine	16.986	200	495115	21.378	ng/ul	99
71) Pentachlorophenol	17.180	266	331515	20.432	ng/ul	100
72) Phenanthrene	17.580	178	2549142	21.968	ng/ul	100
74) Anthracene	17.674	178	2580425	21.991	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.586	216	665375	22.022	ng/uL	99
76) Pentachlorobenzene	15.098	250	662708	21.844	ng/uL	99
77) Carbazole	17.933	167	2288991	22.246	ng/ul	100
78) Di-n-butylphthalate	18.468	149	2792503	21.074	ng/ul	100
80) Fluoranthene	19.527	202	2883352	22.360	ng/ul	99
82) Pyrene	19.886	202	3002623	22.548	ng/ul	99
83) Butylbenzylphthalate	20.739	149	1222441	20.707	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.521	252	831482	20.754	ng/ul	99
85) Benzo(a)anthracene	21.598	228	2739172	21.717	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	1732594	20.386	ng/ul	100
87) Chrysene	21.656	228	2609678	21.644	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	2887903	23.270	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	2617598	22.786	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	2540823	23.034	ng/ul	100
93) Benzo(a)pyrene	24.074	252	2200518	21.672	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.921	276	2411886	18.345	ng/ul	99
95) Dibenzo(a,h)anthracene	26.939	278	2011866	18.641	ng/ul	99
96) Benzo(g,h,i)perylene	27.762	276	1908497	17.802	ng/ul	99

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

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