Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015163.D
Acq On : 19 May 2023 01:35
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 19 03:05:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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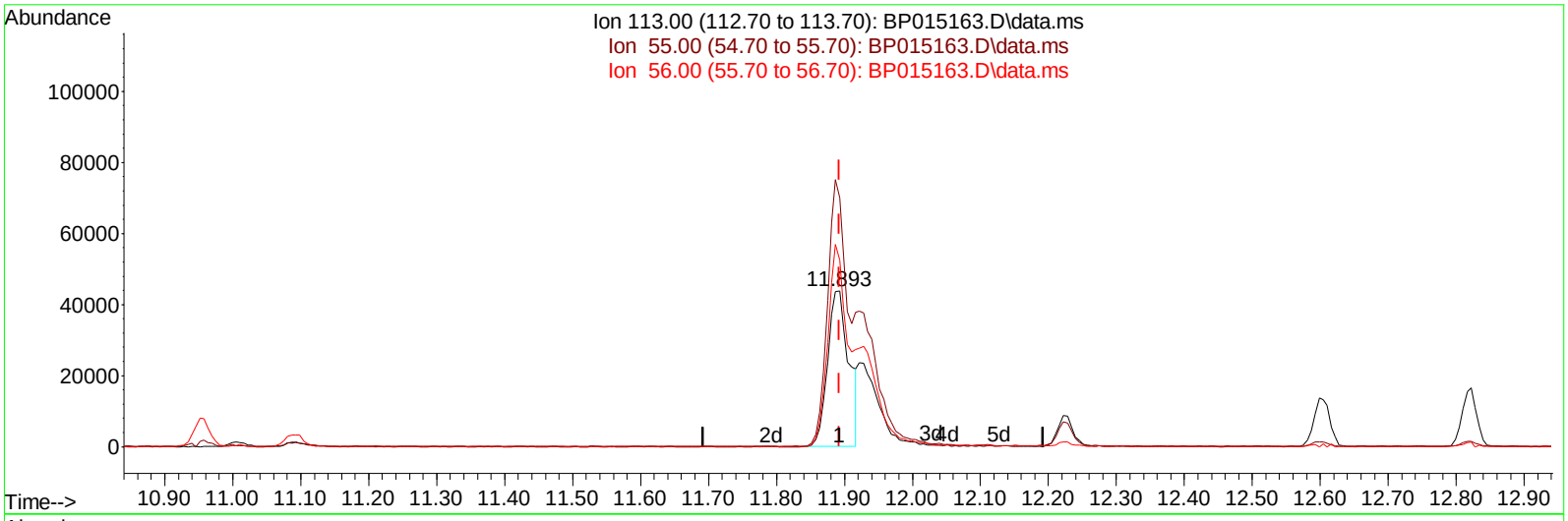
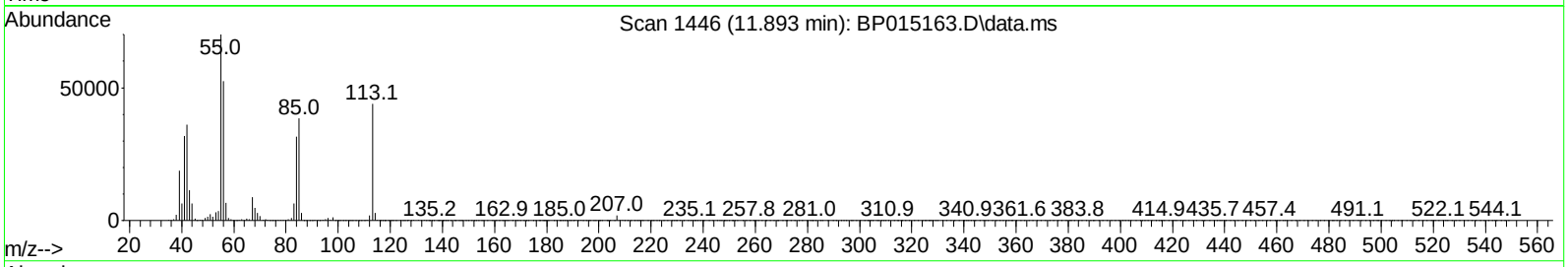
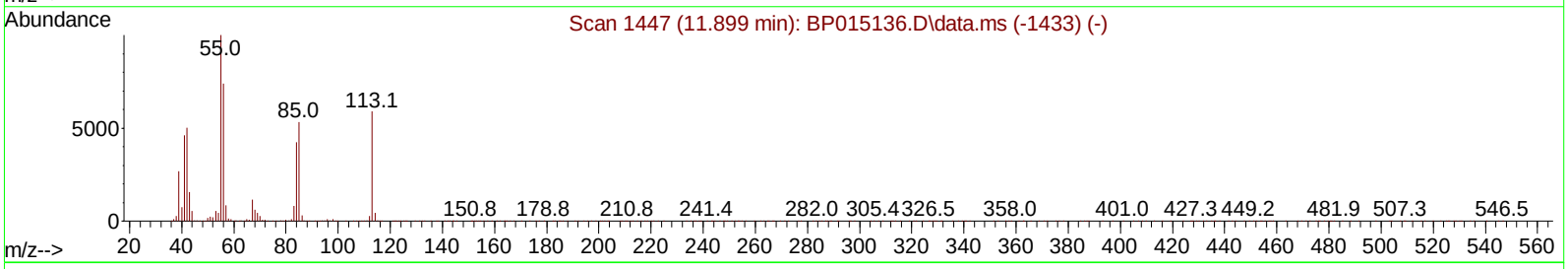
Supervised By :Jagrut Upadhyay 05/19/2023







TIC: BP015163.D\data.ms

(34) Caprolactam

11.893min (+ 0.000) 13.59 ng/ul

response 95506

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	159.68
56.00	112.80	119.81
0.00	0.00	0.00

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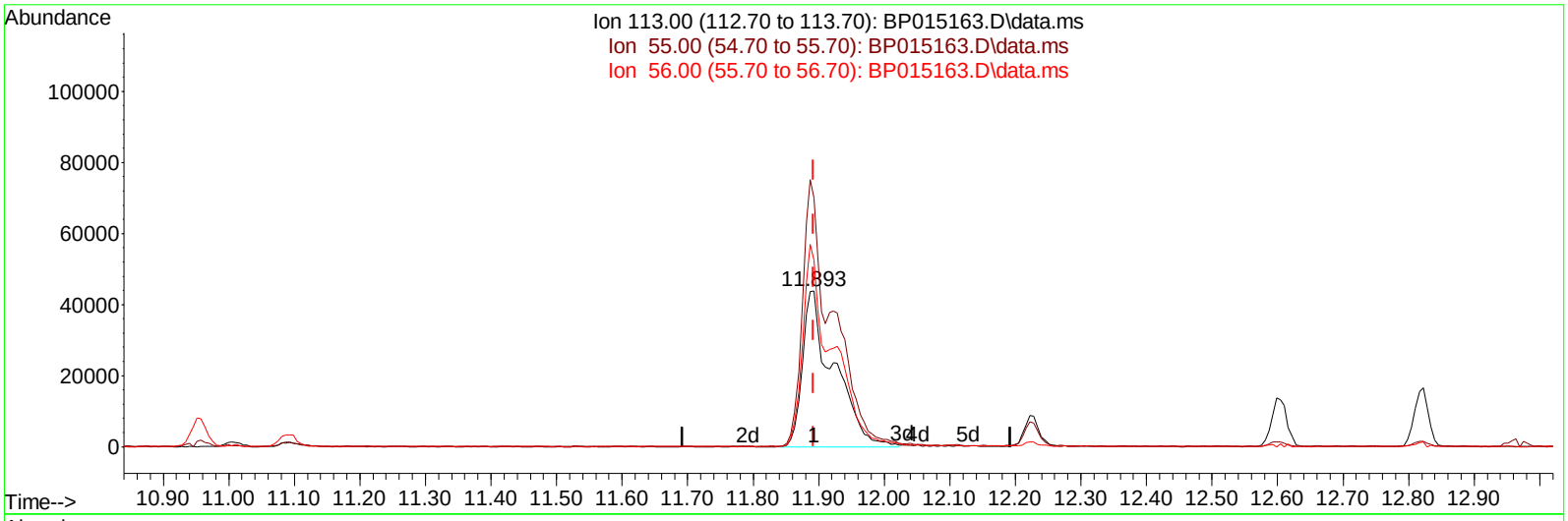

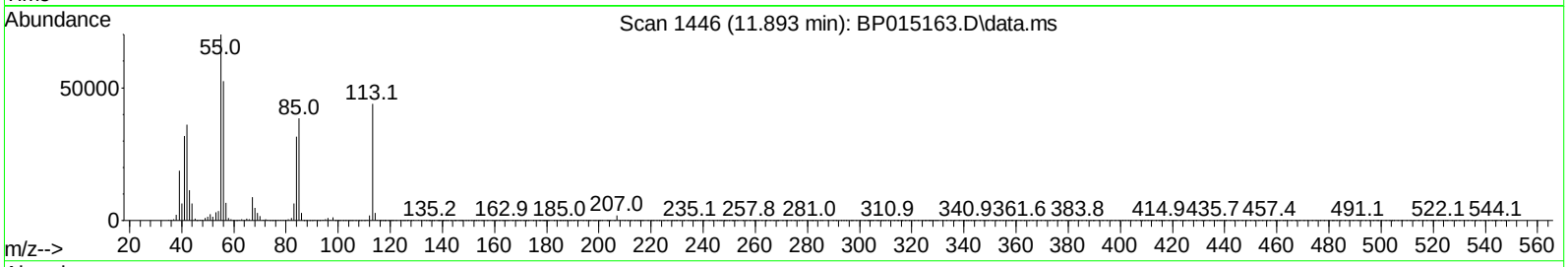

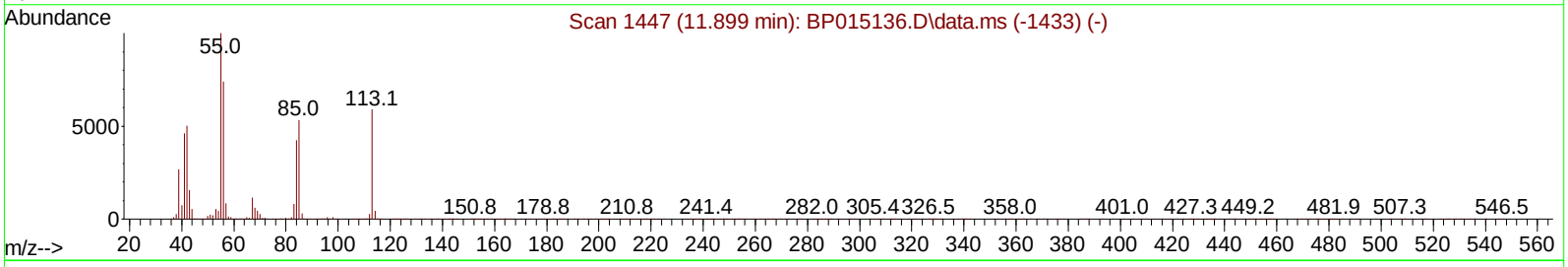

TIC: BP015163.D\data.ms

(34) Caprolactam

11.893min (+ 0.000) 20.74 ng/ul m

response 145830

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	159.68
56.00	112.80	119.81
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
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LabSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	261049	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1170032	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	753603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1708167	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1601988	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1782606	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	61353	9.132	ng/uL	0.00
4) Pyridine-d5	3.870	84	402683	21.144	ng/ul	0.00
7) Phenol-d5	7.275	99	502708	20.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	307452	21.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	376919	21.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	413356	21.402	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	198841	21.627	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	225554	22.048	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	414572	22.458	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	596725	21.848	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1263745	22.192	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1434034	22.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	240268	21.728	ng/ul	0.00
60) Fluorene-d10	15.751	176	1067233	22.210	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	216742	20.134	ng/ul	0.00
73) Anthracene-d10	17.616	188	1667639	21.320	ng/ul	0.00
81) Pyrene-d10	19.834	212	1986431	21.380	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1903696	21.513	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	65274	9.041	ng/uL	98
5) Pyridine	3.893	79	419418	21.175	ng/ul	98
6) Benzaldehyde	7.258	77	135600	20.354	ng/ul	97
8) Phenol	7.299	94	523732	21.072	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.540	93	433843	21.818	ng/ul	99
12) 2-Chlorophenol	7.681	128	403286	21.395	ng/ul	99
13) 2-Methylphenol	8.569	108	404048	21.034	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.658	45	550968	22.116	ng/ul	99
16) Acetophenone	8.958	105	662224	21.969	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.940	70	341663	21.612	ng/ul	98
18) 4-Methylphenol	8.899	108	450319	21.299	ng/ul	99
19) Hexachloroethane	9.216	117	168137	21.845	ng/ul	96
22) Nitrobenzene	9.346	77	502388	22.125	ng/ul	98
23) Isophorone	9.875	82	993362	21.283	ng/ul	100
25) 2-Nitrophenol	10.063	139	246950	22.013	ng/ul	96
26) 2,4-Dimethylphenol	10.116	107	496763	22.191	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.352	93	622151	21.908	ng/ul	98
29) 2,4-Dichlorophenol	10.599	162	415937	22.307	ng/ul	99
30) Naphthalene	11.005	128	1361545	21.404	ng/ul	99
32) 4-Chloroaniline	11.116	127	617614	22.001	ng/ul	99
33) Hexachlorobutadiene	11.287	225	260335	23.165	ng/ul	96
34) Caprolactam	11.893	113	145830m	20.744	ng/ul	
35) 4-Chloro-3-methylphenol	12.222	107	479750	22.786	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.604	142	935518	21.827	ng/ul	99
37) 1-Methylnaphthalene	12.822	142	942896	21.907	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	518036	22.984	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	298589	20.447	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	354067	22.247	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	385995	22.369	ng/ul	99
43) 1,1'-Biphenyl	13.599	154	1290825	22.077	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	1002823	21.962	ng/ul	99
45) 2-Nitroaniline	13.846	65	300288	22.984	ng/ul	94
47) Dimethylphthalate	14.216	163	1315973	22.189	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	275768	23.471	ng/ul	97
50) Acenaphthylene	14.487	152	1566936	21.562	ng/ul	100
51) 3-Nitroaniline	14.669	138	210152	19.863	ng/ul	98
52) Acenaphthene	14.828	153	1083915	21.838	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	145899	18.702	ng/ul	99
55) 4-Nitrophenol	14.969	109	194933	23.968	ng/ul	89
56) Dibenzofuran	15.163	168	1528720	22.144	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	394823	23.222	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.387	232	339087	23.283	ng/ul	95
59) Diethylphthalate	15.575	149	1312561	22.190	ng/ul	99
61) Fluorene	15.810	166	1205580	21.730	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	602649	22.232	ng/ul	98
63) 4-Nitroaniline	15.828	138	172161	18.844	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.887	198	227957	20.518	ng/ul	98
67) N-Nitrosodiphenylamine	16.010	169	1046652	20.838	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	392830	22.327	ng/ul	97
69) Hexachlorobenzene	16.816	284	461492	22.196	ng/ul	99
70) Atrazine	16.963	200	409770	22.072	ng/ul	99
71) Pentachlorophenol	17.157	266	291052	22.379	ng/ul	96
72) Phenanthrene	17.557	178	1994179	21.439	ng/ul	99
74) Anthracene	17.651	178	1984244	21.096	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	535539	22.112	ng/uL	99
76) Pentachlorobenzene	15.081	250	538333	22.137	ng/uL	99
77) Carbazole	17.916	167	1823920	22.114	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2293720	21.595	ng/ul	99
80) Fluoranthene	19.510	202	2434799	21.500	ng/ul	98
82) Pyrene	19.863	202	2472426	21.142	ng/ul	98
83) Butylbenzylphthalate	20.716	149	1081115	20.853	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	775842	22.051	ng/ul	98
85) Benzo(a)anthracene	21.575	228	2420932	21.856	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.469	149	1589160	21.291	ng/ul	99
87) Chrysene	21.628	228	2267369	21.413	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2704016	22.148	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2521279	22.311	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	2416904	22.273	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2163057	21.655	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	2527864	19.545	ng/ul	99
95) Dibenzo(a,h)anthracene	26.874	278	2084960	19.638	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2036990	19.314	ng/ul	99

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

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