Quantitation Report (Qedit)

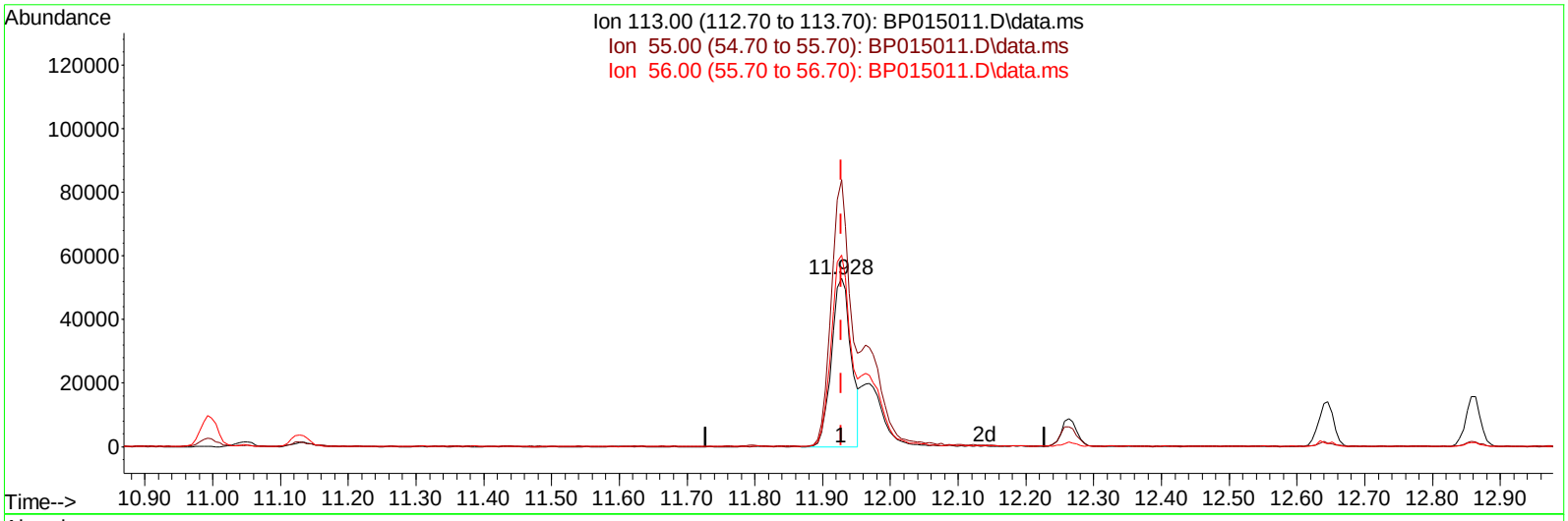
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP015011.D
Acq On : 09 May 2023 02:17
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

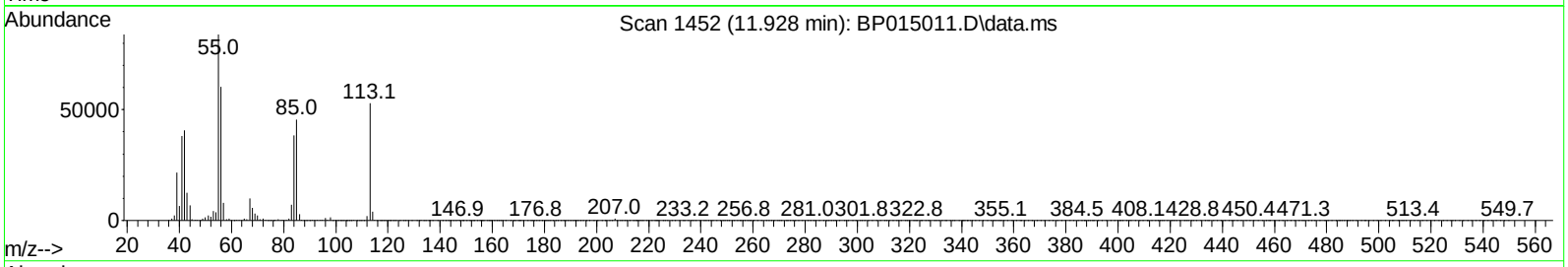
Quant Time: May 09 02:51:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 12:12:36 2023
Response via : Initial Calibration

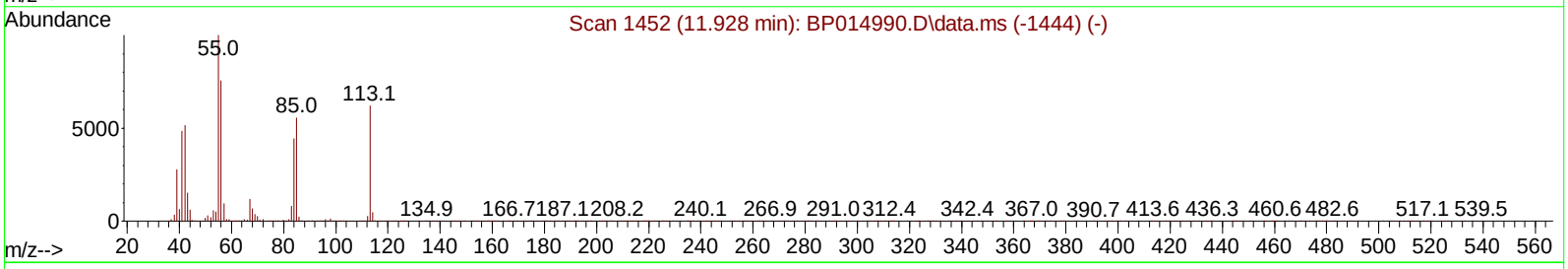
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023







TIC: BP015011.D\data.ms

(34) Caprolactam

11.928min (-0.000) 14.58 ng/ul

response 106195

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.60	158.63
56.00	117.90	113.92
0.00	0.00	0.00

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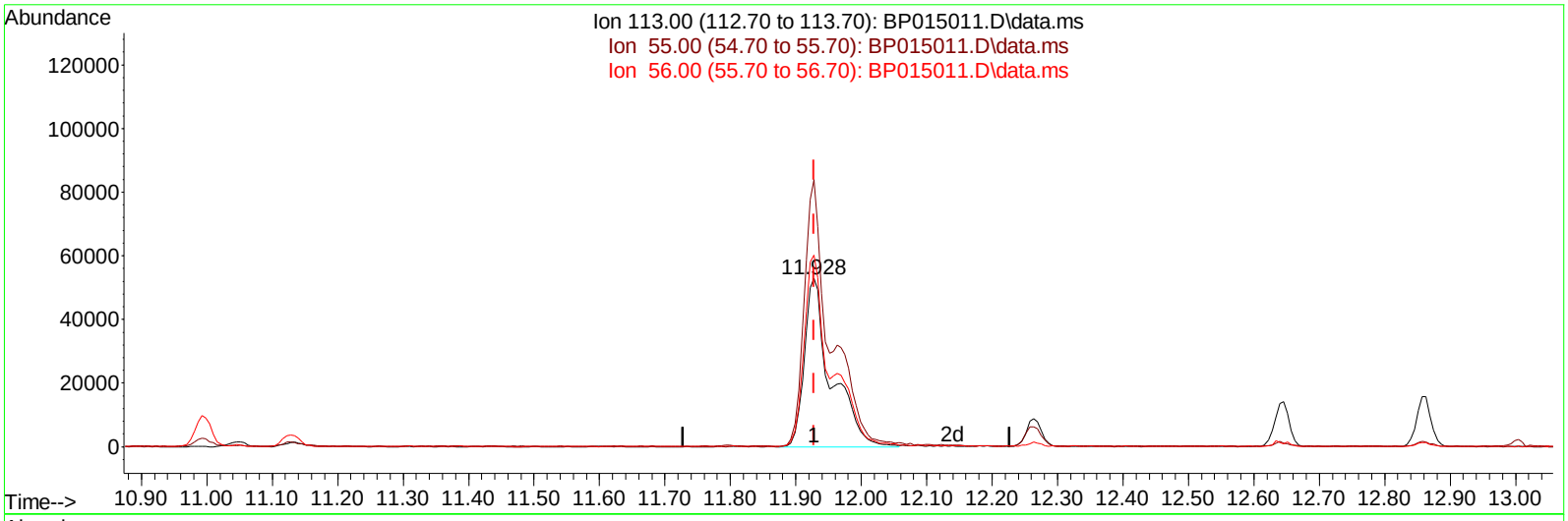

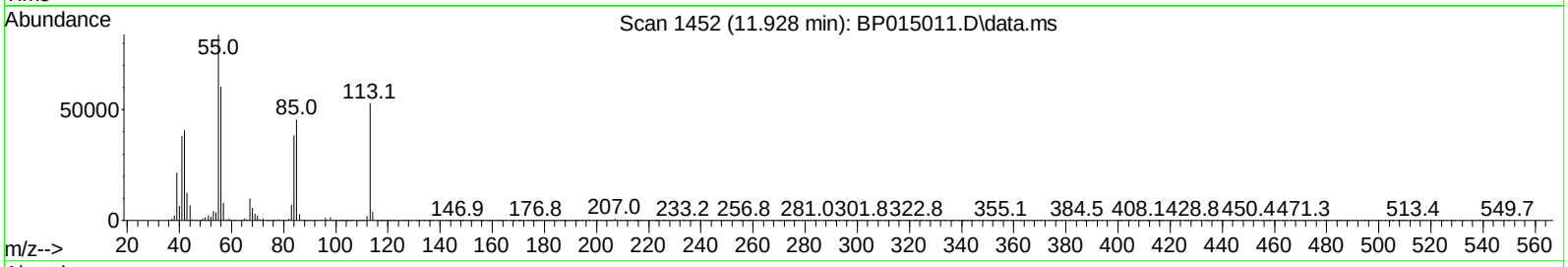

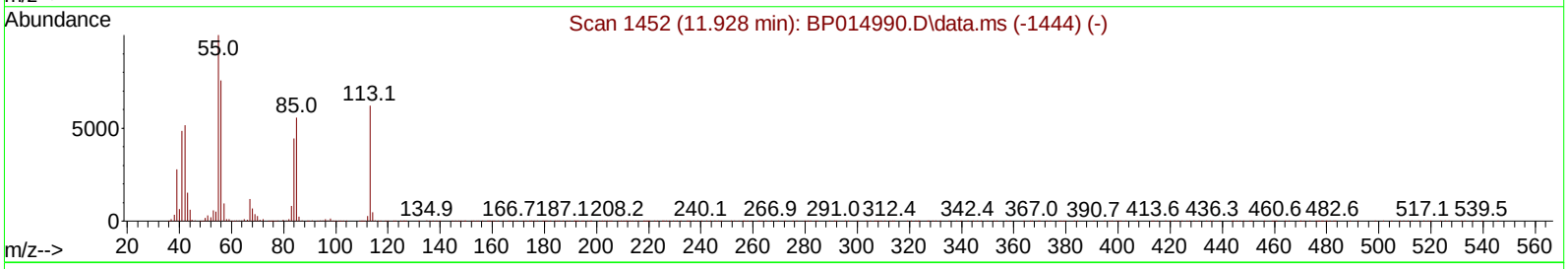

TIC: BP015011.D\data.ms

(34) Caprolactam

11.928min (-0.000) 20.89 ng/ul m

response 152189

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.60	158.63
56.00	117.90	113.92
0.00	0.00	0.00

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Misc :
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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	8.157	152	378046	20.000	ng/ul	0.00
20) Naphthalene-d8	10.993	136	1594251	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.804	164	1070454	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	2239558	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1750679	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1516717	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	70716	6.955	ng/uL	0.00
4) Pyridine-d5	3.893	84	503802	18.128	ng/ul	0.00
7) Phenol-d5	7.305	99	650538	19.848	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	380517	18.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.681	132	489336	20.304	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	518337	20.522	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	250382	22.082	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	275280	23.644	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	509657	22.294	ng/ul	0.00
31) 4-Chloroaniline-d4	11.128	131	671583	20.310	ng/ul	0.00
46) Dimethylphthalate-d6	14.204	166	1452252	19.169	ng/ul	0.00
49) Acenaphthylene-d8	14.498	160	1727335	19.011	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	273677	20.764	ng/ul	0.00
60) Fluorene-d10	15.798	176	1267300	19.443	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	230014	18.245	ng/ul	0.00
73) Anthracene-d10	17.657	188	1937867	19.258	ng/ul	0.00
81) Pyrene-d10	19.880	212	2086830	17.674	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	1414017	19.134	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	74841	6.794	ng/uL	99
5) Pyridine	3.916	79	524929	18.144	ng/ul	99
6) Benzaldehyde	7.287	77	211107	23.558	ng/ul	100
8) Phenol	7.334	94	672812	19.552	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.569	93	542496	18.967	ng/ul	100
12) 2-Chlorophenol	7.716	128	519828	19.911	ng/ul	99
13) 2-Methylphenol	8.604	108	519819	20.259	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.693	45	680239	18.750	ng/ul	99
16) Acetophenone	8.993	105	834767	20.213	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.975	70	419355	19.924	ng/ul	98
18) 4-Methylphenol	8.934	108	571853	20.161	ng/ul	98
19) Hexachloroethane	9.257	117	210922	18.621	ng/ul	98
22) Nitrobenzene	9.381	77	614124	20.614	ng/ul	96
23) Isophorone	9.910	82	1214203	20.622	ng/ul	100
25) 2-Nitrophenol	10.099	139	305196	22.792	ng/ul	97
26) 2,4-Dimethylphenol	10.151	107	610995	21.026	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.393	93	760250	20.197	ng/ul	99
29) 2,4-Dichlorophenol	10.634	162	516940	21.862	ng/ul	98
30) Naphthalene	11.046	128	1647930	18.805	ng/ul	100
32) 4-Chloroaniline	11.151	127	697150	20.204	ng/ul	100
33) Hexachlorobutadiene	11.328	225	292227	19.153	ng/ul	100
34) Caprolactam	11.928	113	152189m	20.892	ng/ul	
35) 4-Chloro-3-methylphenol	12.263	107	478284	19.676	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.645	142	993156	18.326	ng/ul	100
37)	1-Methylnaphthalene	12.863	142	1007869	18.042	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.004	216	540231	16.179	ng/ul	99
40)	Hexachlorocyclopentadiene	12.981	237	276318	12.273	ng/ul	99
41)	2,4,6-Trichlorophenol	13.240	196	377353	18.341	ng/ul	99
42)	2,4,5-Trichlorophenol	13.316	196	406797	18.345	ng/ul	97
43)	1,1'-Biphenyl	13.640	154	1574378	18.396	ng/ul	99
44)	2-Chloronaphthalene	13.687	162	1232906	18.494	ng/ul	99
45)	2-Nitroaniline	13.887	65	346480	22.319	ng/ul	99
47)	Dimethylphthalate	14.251	163	1509374	18.947	ng/ul	100
48)	2,6-Dinitrotoluene	14.381	165	305148	21.677	ng/ul	96
50)	Acenaphthylene	14.528	152	1931762	18.753	ng/ul	100
51)	3-Nitroaniline	14.704	138	256534	20.140	ng/ul	99
52)	Acenaphthene	14.869	153	1316607	18.470	ng/ul	99
53)	2,4-Dinitrophenol	14.916	184	146629	17.114	ng/ul	94
55)	4-Nitrophenol	15.004	109	207397	20.673	ng/ul	99
56)	Dibenzofuran	15.204	168	1822074	18.943	ng/ul	100
57)	2,4-Dinitrotoluene	15.163	165	441113	22.372	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.428	232	375065	20.783	ng/ul	95
59)	Diethylphthalate	15.610	149	1504617	19.989	ng/ul	99
61)	Fluorene	15.851	166	1469609	19.369	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.839	204	707747	19.061	ng/ul	98
63)	4-Nitroaniline	15.869	138	227474	21.397	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.928	198	241563	18.064	ng/ul	99
67)	N-Nitrosodiphenylamine	16.057	169	1253234	18.437	ng/ul	100
68)	4-Bromophenyl-phenylether	16.739	248	435727	18.703	ng/ul	97
69)	Hexachlorobenzene	16.863	284	500736	18.246	ng/ul	96
70)	Atrazine	17.004	200	453277	19.817	ng/ul	99
71)	Pentachlorophenol	17.204	266	298909	18.659	ng/ul	96
72)	Phenanthrene	17.604	178	2318329	18.738	ng/ul	100
74)	Anthracene	17.692	178	2354704	19.116	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.610	216	617865	16.666	ng/uL	97
76)	Pentachlorobenzene	15.122	250	610022	17.295	ng/uL	99
77)	Carbazole	17.957	167	2110851	20.374	ng/ul	99
78)	Di-n-butylphthalate	18.492	149	2561872	22.113	ng/ul	99
80)	Fluoranthene	19.557	202	2578453	17.796	ng/ul	97
82)	Pyrene	19.910	202	2667205	17.376	ng/ul	97
83)	Butylbenzylphthalate	20.763	149	1119592	24.293	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.551	252	689549	23.402	ng/ul	98
85)	Benzo(a)anthracene	21.627	228	2276343	19.481	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.521	149	1626887	28.055	ng/ul	99
87)	Chrysene	21.686	228	2157443	18.337	ng/ul	99
89)	Di-n-octyl phthalate	22.510	149	2676072	30.218	ng/ul	100
90)	Benzo(b)fluoranthene	23.439	252	1872028	19.098	ng/ul	100
91)	Benzo(k)fluoranthene	23.492	252	1926763	19.314	ng/ul	99
93)	Benzo(a)pyrene	24.127	252	1611144	18.742	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.003	276	1961163	18.702	ng/ul	97
95)	Dibenzo(a,h)anthracene	27.015	278	1628186	18.944	ng/ul	100
96)	Benzo(g,h,i)perylene	27.851	276	1614265	18.088	ng/ul	98

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

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