Quantitation Report (Qedit)

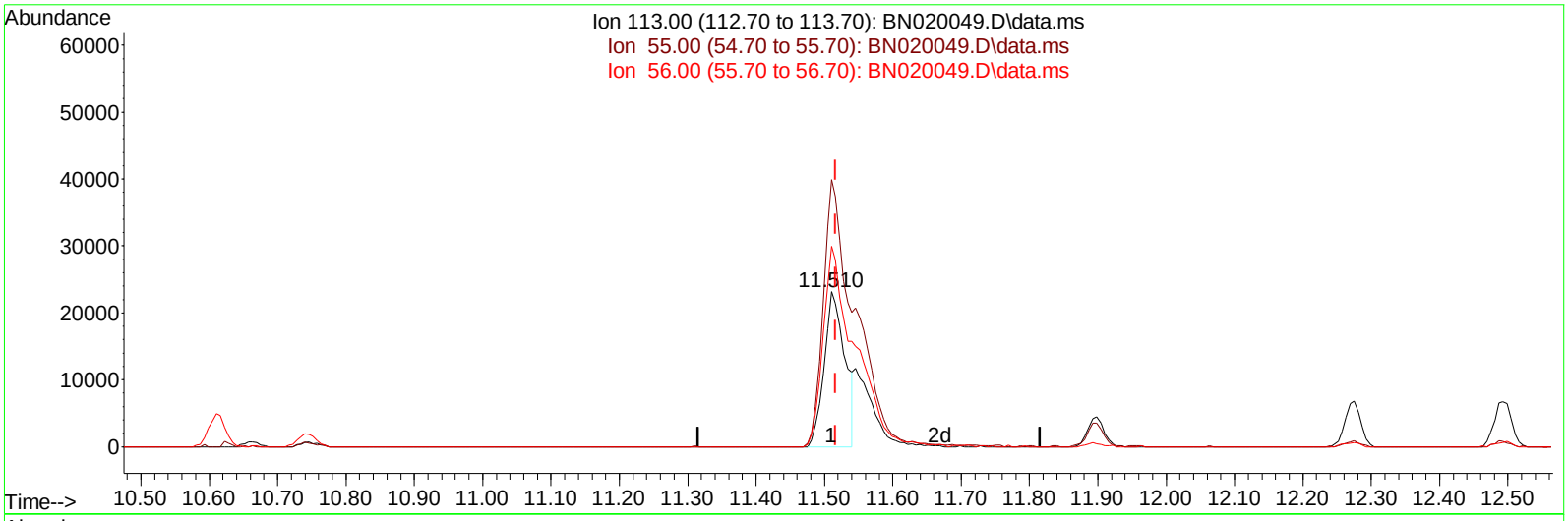
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020049.D
Acq On : 08 Jun 2022 03:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

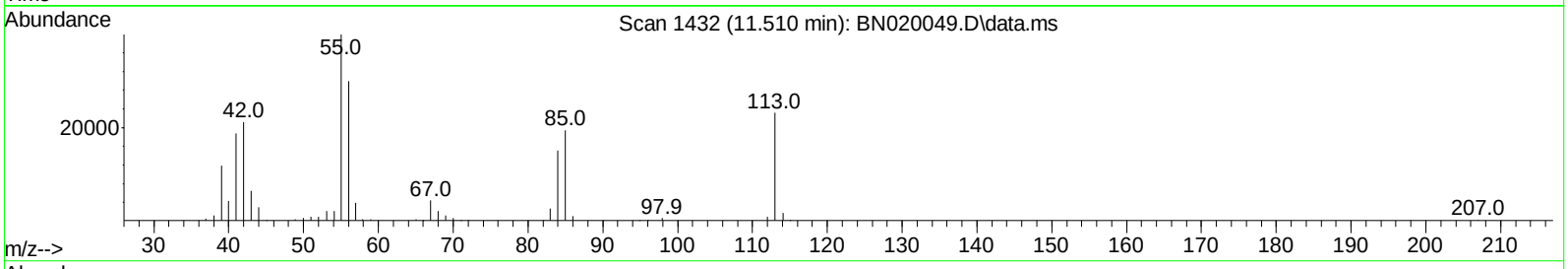
Quant Time: Jun 08 04:55:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

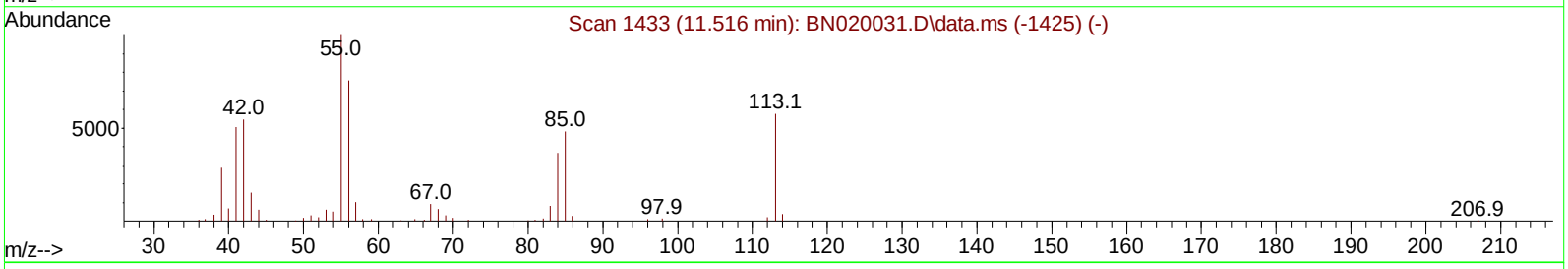
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
Supervised By :mohammad ahmed 06/09/2022







TIC: BN020049.D\data.ms

(34) Caprolactam

11.510min (-0.006) 13.47 ng/ul

response 48864

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	172.07
56.00	133.10	129.03
0.00	0.00	0.00

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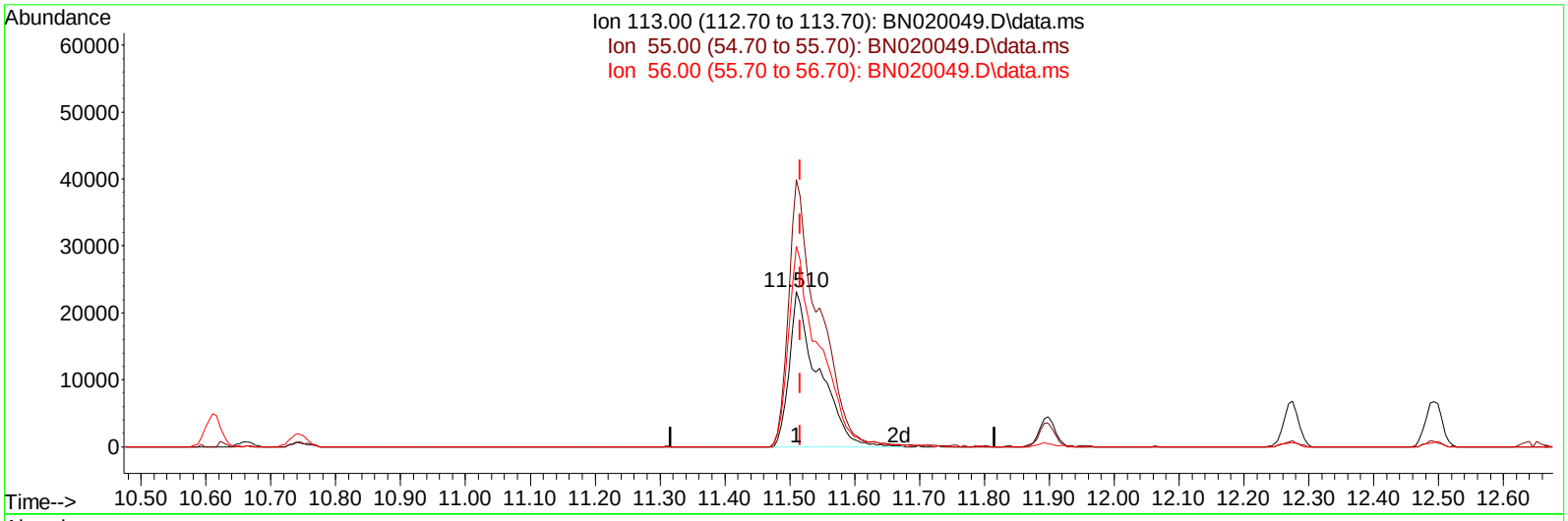

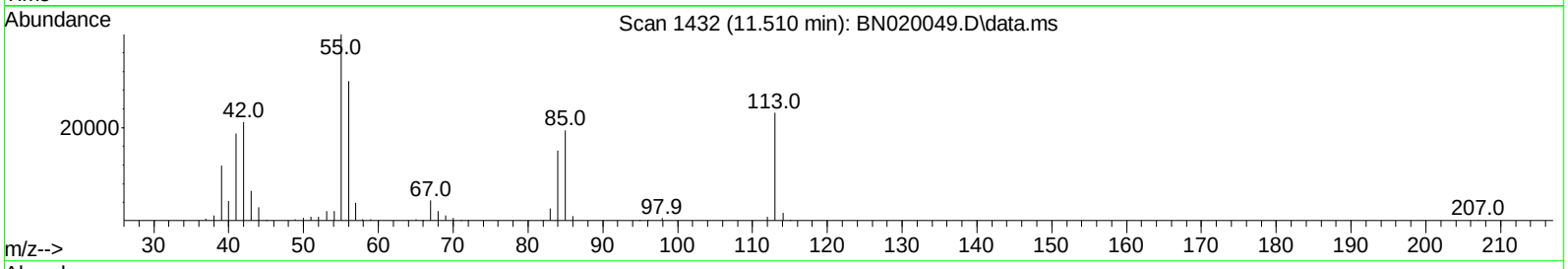

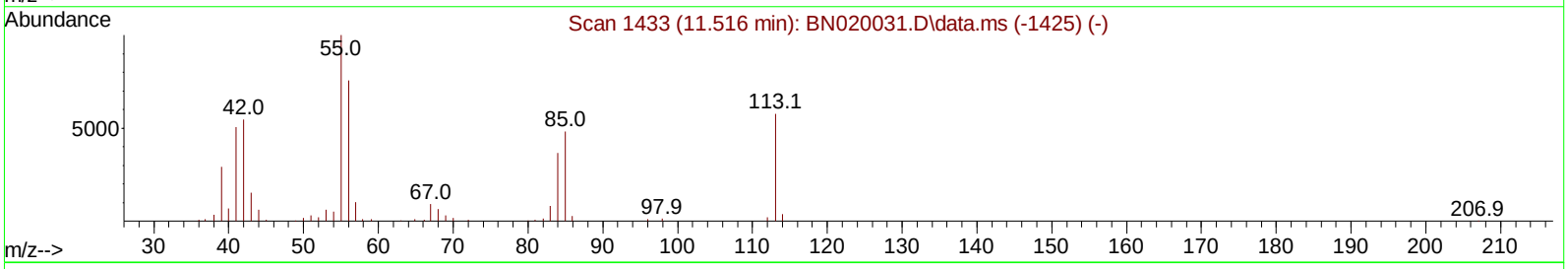

TIC: BN020049.D\data.ms

(34) Caprolactam

11.510min (-0.006) 19.65 ng/ul m

response 71310

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	172.07
56.00	133.10	129.03
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	7.822	152	136052	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	637288	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	419246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	883186	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	839269	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	845355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	23659	7.532	ng/uL	0.00
4) Pyridine-d5	3.687	84	167617	19.523	ng/ul	0.00
7) Phenol-d5	6.987	99	218446	19.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	137236	19.511	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	184928	20.217	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	195233	20.044	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	98101	20.234	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	105145	20.435	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	185599	20.662	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	290099	19.943	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	597225	19.578	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	731026	20.664	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	120946	19.786	ng/ul	0.00
60) Fluorene-d10	15.440	176	505644	20.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	98943	19.340	ng/ul	0.00
73) Anthracene-d10	17.287	188	774043	20.082	ng/ul	0.00
81) Pyrene-d10	19.581	212	867772	19.073	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	826559	19.984	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	24799	7.478	ng/uL#	94
5) Pyridine	3.705	79	171563	19.061	ng/ul	90
6) Benzaldehyde	6.958	77	133723	25.209	ng/ul	95
8) Phenol	7.017	94	234896	19.594	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.246	93	186140	19.839	ng/ul	99
12) 2-Chlorophenol	7.387	128	192758	20.160	ng/ul	98
13) 2-Methylphenol	8.264	108	182979	19.855	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.352	45	292663	19.891	ng/ul	96
16) Acetophenone	8.640	105	308357	20.818	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.628	70	153491	20.285	ng/ul	92
18) 4-Methylphenol	8.593	108	206938	20.345	ng/ul	97
19) Hexachloroethane	8.899	117	77745	20.208	ng/ul	90
22) Nitrobenzene	9.016	77	225515	20.061	ng/ul	96
23) Isophorone	9.540	82	440434	19.843	ng/ul	97
25) 2-Nitrophenol	9.728	139	116014	20.405	ng/ul	97
26) 2,4-Dimethylphenol	9.793	107	239273	20.313	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	267196	19.672	ng/ul	98
29) 2,4-Dichlorophenol	10.258	162	188194	20.254	ng/ul	99
30) Naphthalene	10.663	128	648941	19.648	ng/ul	99
32) 4-Chloroaniline	10.769	127	290139	19.941	ng/ul	99
33) Hexachlorobutadiene	10.958	225	105812	19.835	ng/ul	99
34) Caprolactam	11.510	113	71310m	19.653	ng/ul	
35) 4-Chloro-3-methylphenol	11.899	107	227331	20.720	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	449637	20.137	ng/ul	95
37) 1-Methylnaphthalene	12.493	142	462672	20.305	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.646	216	210297	19.668	ng/ul	97
40) Hexachlorocyclopentadiene	12.634	237	111878	17.200	ng/ul	100
41) 2,4,6-Trichlorophenol	12.881	196	149321	20.253	ng/ul	95
42) 2,4,5-Trichlorophenol	12.951	196	166448	20.384	ng/ul	93
43) 1,1'-Biphenyl	13.281	154	610151	19.654	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	457423	19.423	ng/ul	96
45) 2-Nitroaniline	13.522	65	151829	20.722	ng/ul	96
47) Dimethylphthalate	13.904	163	597226	19.448	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	124638	20.758	ng/ul	96
50) Acenaphthylene	14.169	152	779411	19.899	ng/ul	99
51) 3-Nitroaniline	14.346	138	135671	21.374	ng/ul	97
52) Acenaphthene	14.516	153	496581	19.410	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	68025	17.696	ng/ul	96
55) 4-Nitrophenol	14.657	109	105777	20.272	ng/ul	98
56) Dibenzofuran	14.846	168	707049	19.617	ng/ul	96
57) 2,4-Dinitrotoluene	14.810	165	185933	20.914	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	129166	20.151	ng/ul	90
59) Diethylphthalate	15.275	149	631262	19.966	ng/ul	97
61) Fluorene	15.498	166	557669	19.883	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.493	204	260278	20.151	ng/ul	94
63) 4-Nitroaniline	15.510	138	136513	23.015	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	100309	19.339	ng/ul#	98
67) N-Nitrosodiphenylamine	15.704	169	503058	19.868	ng/ul	95
68) 4-Bromophenyl-phenylether	16.381	248	152891	19.879	ng/ul#	87
69) Hexachlorobenzene	16.504	284	172136	19.470	ng/ul#	90
70) Atrazine	16.651	200	182397	20.646	ng/ul	96
71) Pentachlorophenol	16.845	266	107461	19.515	ng/ul	98
72) Phenanthrene	17.234	178	919668	19.732	ng/ul	100
74) Anthracene	17.322	178	940046	20.058	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	218449	18.471	ng/uL	90
76) Pentachlorobenzene	14.775	250	209809	20.072	ng/uL	90
77) Carbazole	17.592	167	871433	20.439	ng/ul	96
78) Di-n-butylphthalate	18.163	149	1074966	20.333	ng/ul	99
80) Fluoranthene	19.251	202	1074928	19.562	ng/ul	99
82) Pyrene	19.610	202	1091567	19.362	ng/ul#	94
83) Butylbenzylphthalate	20.516	149	498664	19.654	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	346489	21.615	ng/ul#	96
85) Benzo(a)anthracene	21.363	228	1012104	19.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	720861	20.137	ng/ul	100
87) Chrysene	21.416	228	1029952	19.865	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1294218	18.810	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1114603	21.008	ng/ul	97
91) Benzo(k)fluoranthene	23.051	252	958792	18.984	ng/ul	96
93) Benzo(a)pyrene	23.604	252	1052238	20.489	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.104	276	1006234	19.043	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.116	278	872055	19.322	ng/ul	97
96) Benzo(g,h,i)perylene	26.833	276	840973	18.847	ng/ul#	90

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

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