Quantitation Report (Qedit)

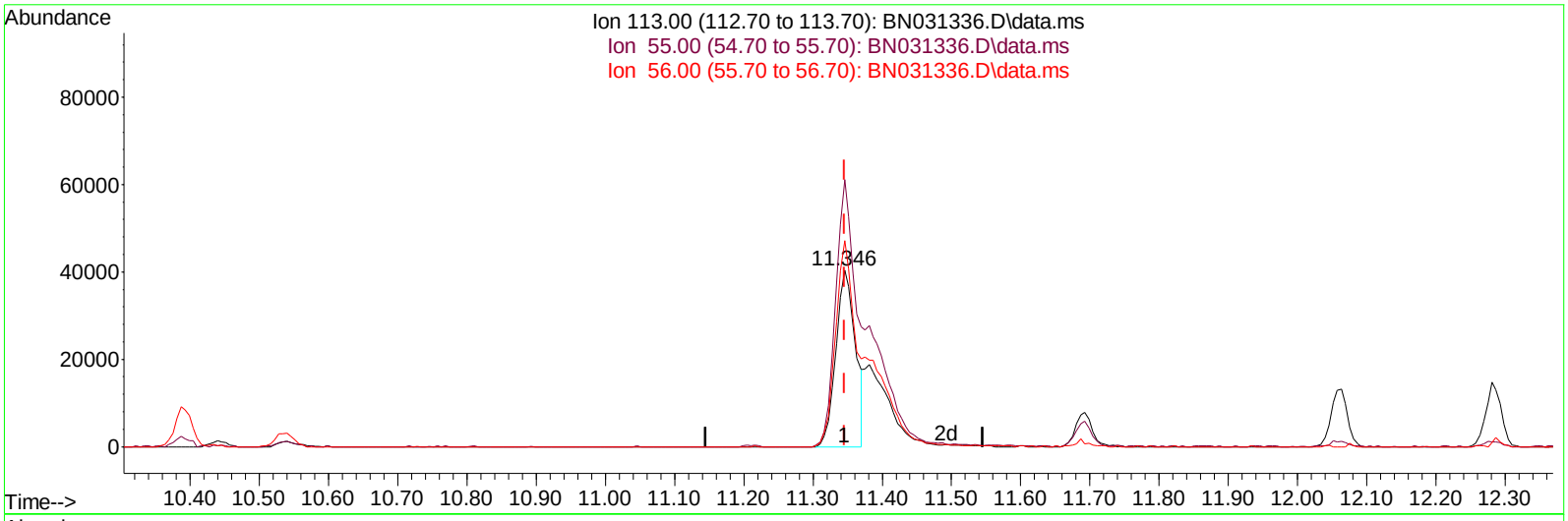
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031336.D
Acq On : 01 May 2024 01:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

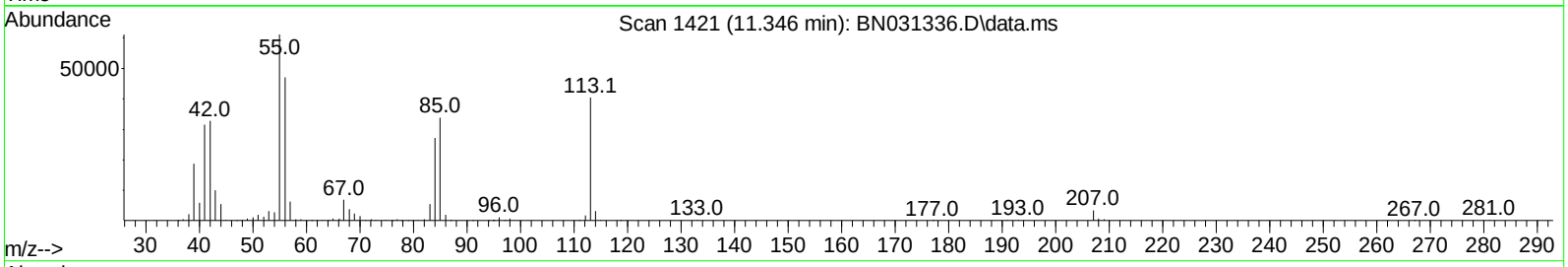
Quant Time: May 01 02:29:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 30 23:30:44 2024
Response via : Initial Calibration

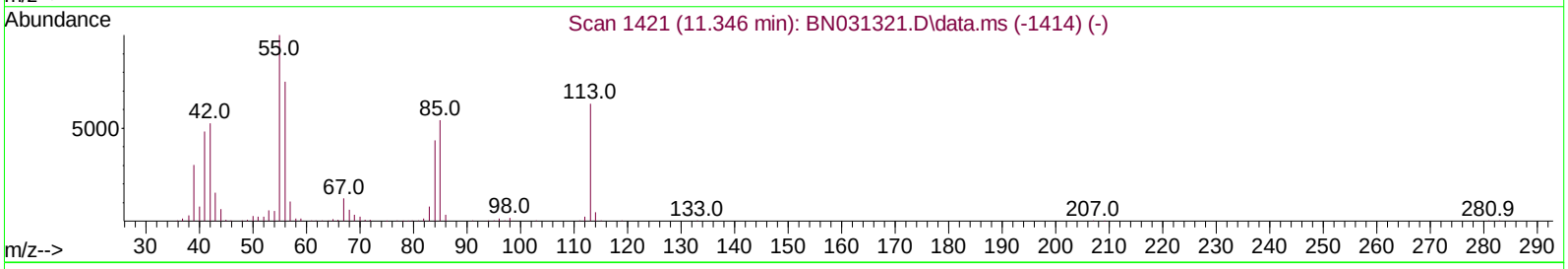
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BN031336.D\data.ms

(34) Caprolactam

11.346min (0.000) 10.78 ng/ul

response 78563

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	151.07
56.00	112.00	116.54
0.00	0.00	0.00

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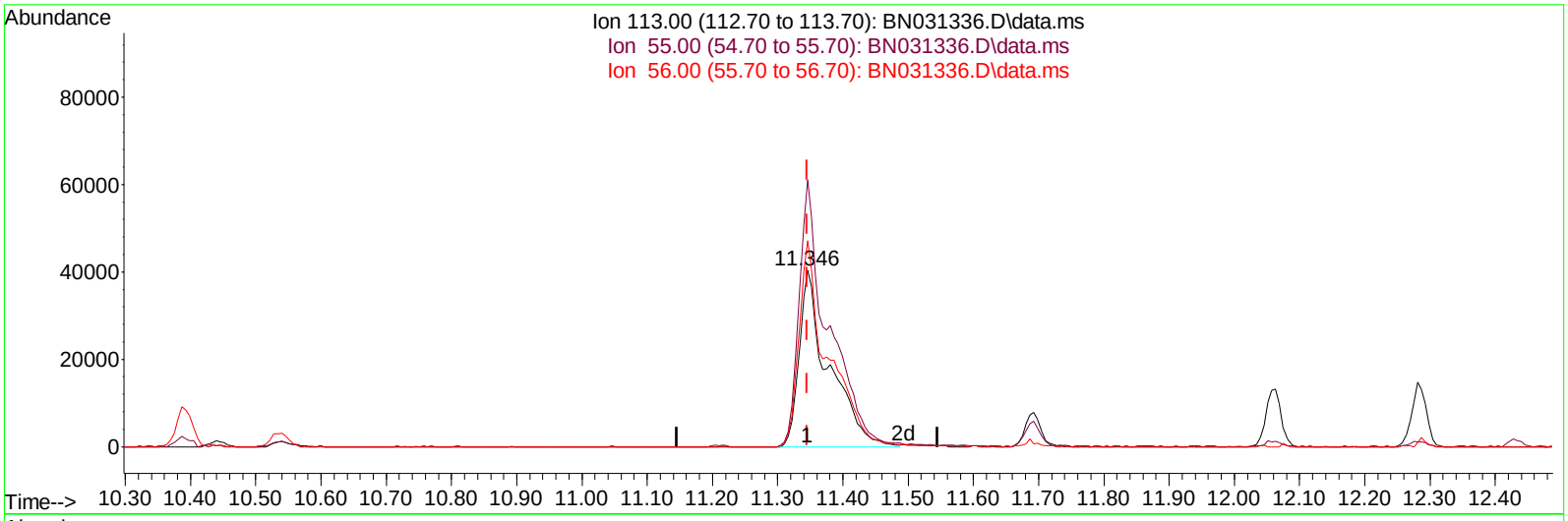

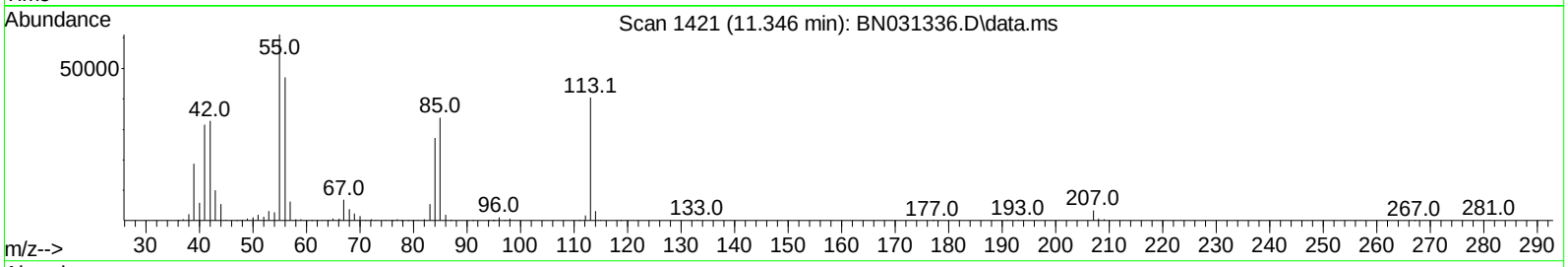

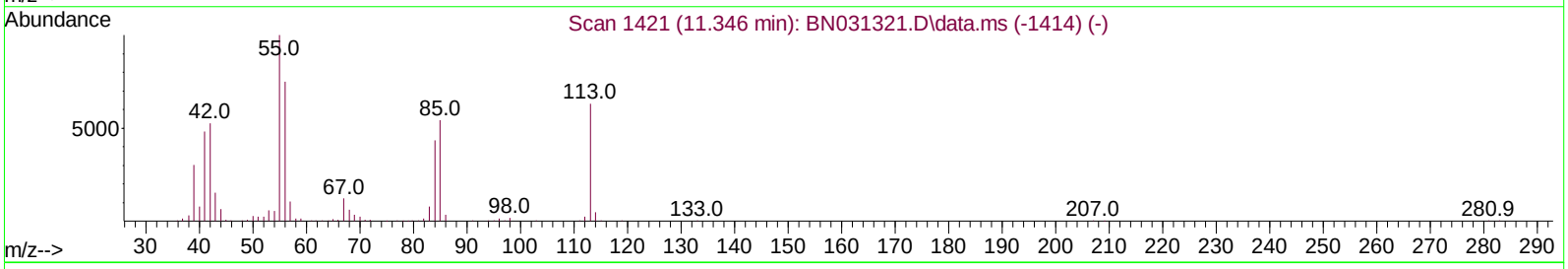

TIC: BN031336.D\data.ms

(34) Caprolactam

11.346min (0.000) 17.39 ng/ul m

response 126713

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	151.07
56.00	112.00	116.54
0.00	0.00	0.00

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Misc :
ALS Vial : 27 Sample Multiplier: 1

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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	306764	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1434616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	959037	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1978863	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	1515804	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1446060	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	47332	7.183	ng/uL	0.00
4) Pyridine-d5	3.534	84	358696	19.010	ng/ul	0.00
7) Phenol-d5	6.793	99	449953	18.228	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	267535	18.510	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	363499	18.407	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	372718	18.220	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	184415	17.837	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	203005	18.244	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	375605	18.177	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	552293	18.443	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1125171	17.796	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1326021	18.075	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	217168	18.927	ng/ul	0.00
60) Fluorene-d10	15.257	176	983986	18.225	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	181695	17.855	ng/ul	0.00
73) Anthracene-d10	17.110	188	1467548	17.970	ng/ul	0.00
81) Pyrene-d10	19.416	212	1644954	17.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1222207	18.256	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	50560	7.050	ng/uL	94
5) Pyridine	3.558	79	352727	18.609	ng/ul	96
6) Benzaldehyde	6.763	77	270074	21.791	ng/ul	97
8) Phenol	6.816	94	462446	18.432	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	372919	18.361	ng/ul	96
12) 2-Chlorophenol	7.181	128	375965	18.310	ng/ul	98
13) 2-Methylphenol	8.058	108	357243	18.334	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	487095	18.175	ng/ul	99
16) Acetophenone	8.434	105	577043	18.972	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.422	70	288695	18.079	ng/ul	99
18) 4-Methylphenol	8.387	108	395514	18.545	ng/ul	99
19) Hexachloroethane	8.675	117	151030	18.179	ng/ul	99
22) Nitrobenzene	8.810	77	435251	17.941	ng/ul	98
23) Isophorone	9.334	82	843934	17.826	ng/ul	100
25) 2-Nitrophenol	9.516	139	220430	18.158	ng/ul	97
26) 2,4-Dimethylphenol	9.581	107	414176	18.150	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.816	93	527929	17.729	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	371541	18.213	ng/ul	96
30) Naphthalene	10.440	128	1274600	18.080	ng/ul	99
32) 4-Chloroaniline	10.563	127	539846	18.828	ng/ul	99
33) Hexachlorobutadiene	10.716	225	218500	18.119	ng/ul	98
34) Caprolactam	11.346	113	126713m	17.388	ng/ul	
35) 4-Chloro-3-methylphenol	11.693	107	428163	18.273	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	883320	18.071	ng/ul	97
37) 1-Methylnaphthalene	12.281	142	896737	18.136	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	442823	17.890	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	223263	16.114	ng/ul	91
41) 2,4,6-Trichlorophenol	12.681	196	305104	17.929	ng/ul	97
42) 2,4,5-Trichlorophenol	12.757	196	332920	17.939	ng/ul	94
43) 1,1'-Biphenyl	13.087	154	1173154	18.010	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	918582	17.856	ng/ul	99
45) 2-Nitroaniline	13.345	65	268049	18.395	ng/ul	96
47) Dimethylphthalate	13.728	163	1159546	17.899	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	238484	18.866	ng/ul	99
50) Acenaphthylene	13.981	152	1516136	18.161	ng/ul	99
51) 3-Nitroaniline	14.181	138	260322	19.122	ng/ul	96
52) Acenaphthene	14.328	153	984344	17.774	ng/ul	98
53) 2,4-Dinitrophenol	14.387	184	111620	15.452	ng/ul	96
55) 4-Nitrophenol	14.498	109	174139	18.955	ng/ul	96
56) Dibenzofuran	14.663	168	1355850	18.029	ng/ul	98
57) 2,4-Dinitrotoluene	14.640	165	350391	18.900	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.892	232	276659	17.835	ng/ul	90
59) Diethylphthalate	15.098	149	1167768	17.885	ng/ul	98
61) Fluorene	15.316	166	1107000	18.464	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	522196	18.055	ng/ul	94
63) 4-Nitroaniline	15.351	138	245893	19.726	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.404	198	195171	17.892	ng/ul	98
67) N-Nitrosodiphenylamine	15.534	169	957296	18.207	ng/ul	97
68) 4-Bromophenyl-phenylether	16.210	248	345074	18.640	ng/ul	96
69) Hexachlorobenzene	16.316	284	375854	17.606	ng/ul	96
70) Atrazine	16.492	200	328947	19.261	ng/ul	98
71) Pentachlorophenol	16.663	266	240208	18.584	ng/ul	94
72) Phenanthrene	17.057	178	1777626	18.152	ng/ul	99
74) Anthracene	17.145	178	1787545	18.252	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	447208	17.842	ng/uL	99
76) Pentachlorobenzene	14.575	250	448751	18.256	ng/uL	98
77) Carbazole	17.422	167	1645790	19.240	ng/ul	99
78) Di-n-butylphthalate	17.986	149	2037065	18.377	ng/ul	100
80) Fluoranthene	19.080	202	1967166	17.775	ng/ul	99
82) Pyrene	19.445	202	2050005	18.158	ng/ul	99
83) Butylbenzylphthalate	20.357	149	866215	18.365	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.163	252	535437	19.742	ng/ul	96
85) Benzo(a)anthracene	21.233	228	1798797	18.184	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1184576	19.089	ng/ul	99
87) Chrysene	21.292	228	1714913	18.502	ng/ul	97
89) Di-n-octyl phthalate	22.257	149	1888670	17.628	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1531490	17.476	ng/ul	95
91) Benzo(k)fluoranthene	23.286	252	1553000	18.020	ng/ul	100
93) Benzo(a)pyrene	23.998	252	1396340	17.815	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.380	276	1609161	18.119	ng/ul	99
95) Dibenzo(a,h)anthracene	27.427	278	1332269	18.059	ng/ul	99
96) Benzo(g,h,i)perylene	28.380	276	1269812	17.726	ng/ul	96

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

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