Quantitation Report (Qedit)

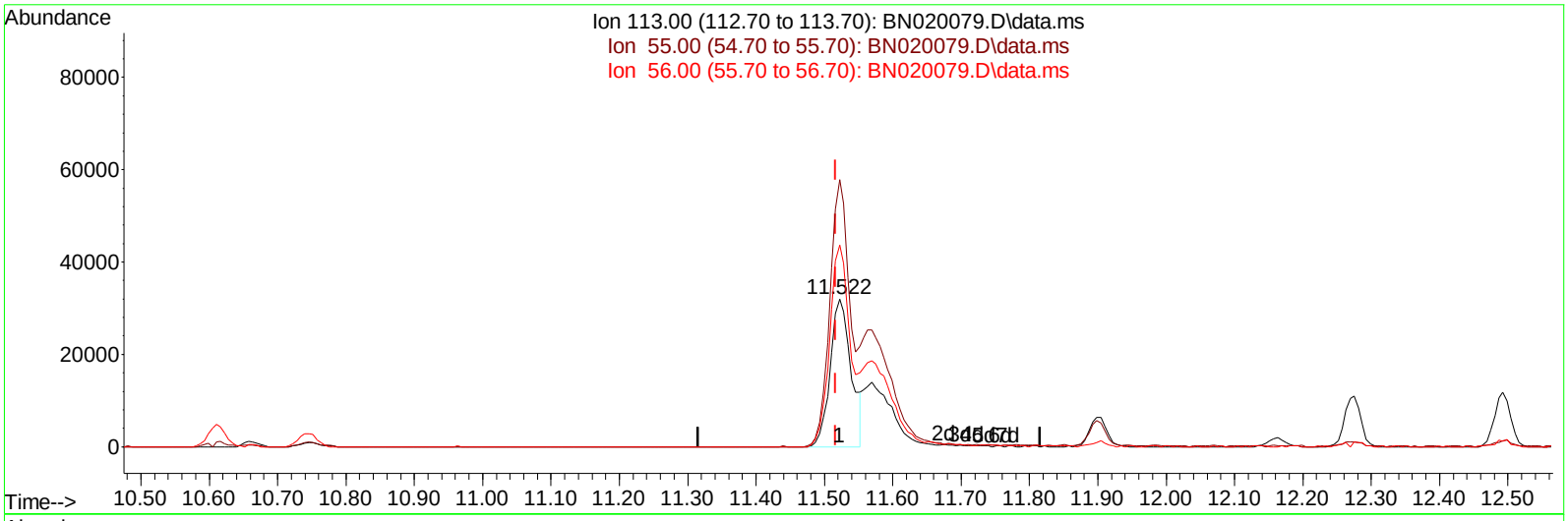
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060922\
Data File : BN020079.D
Acq On : 09 Jun 2022 14:10
Operator : CG/JU
Sample : PB145381BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

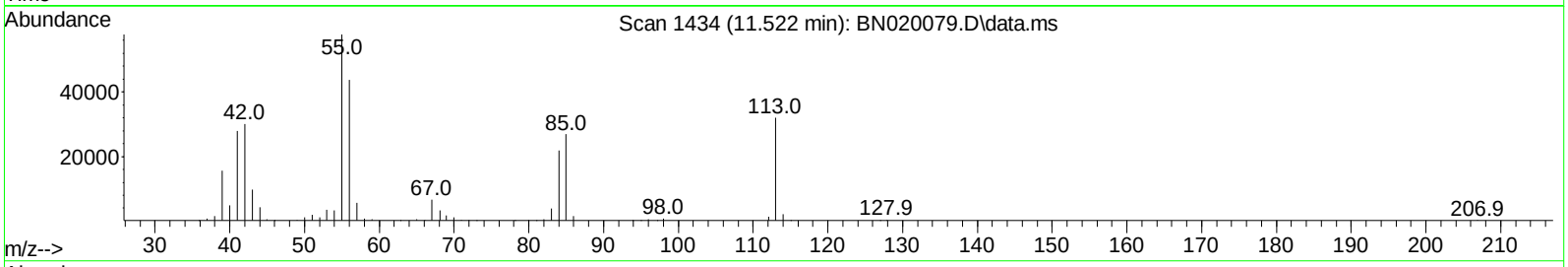
Quant Time: Jun 10 01:05:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

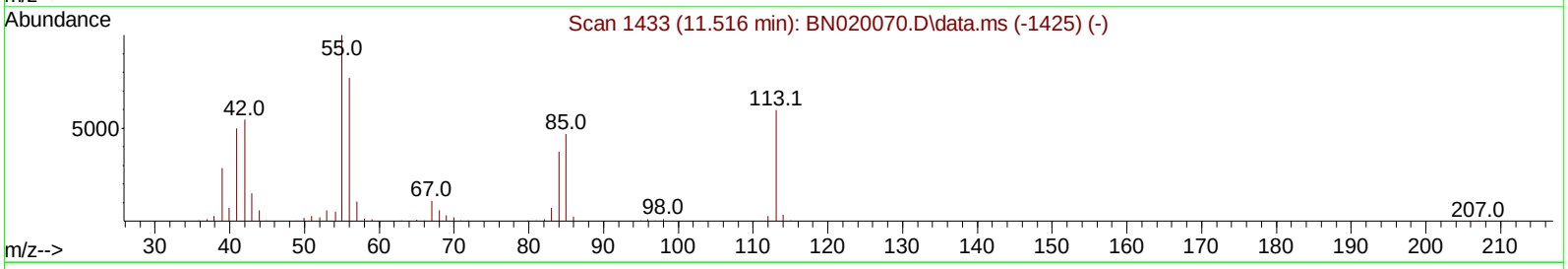
Instrument :
BNA_N
ClientSampleId :
SLCS381

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/10/2022
Supervised By :mohammad ahmed 06/10/2022







TIC: BN020079.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 18.57 ng/ul

response 67627

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.70
56.00	133.10	136.51
0.00	0.00	0.00

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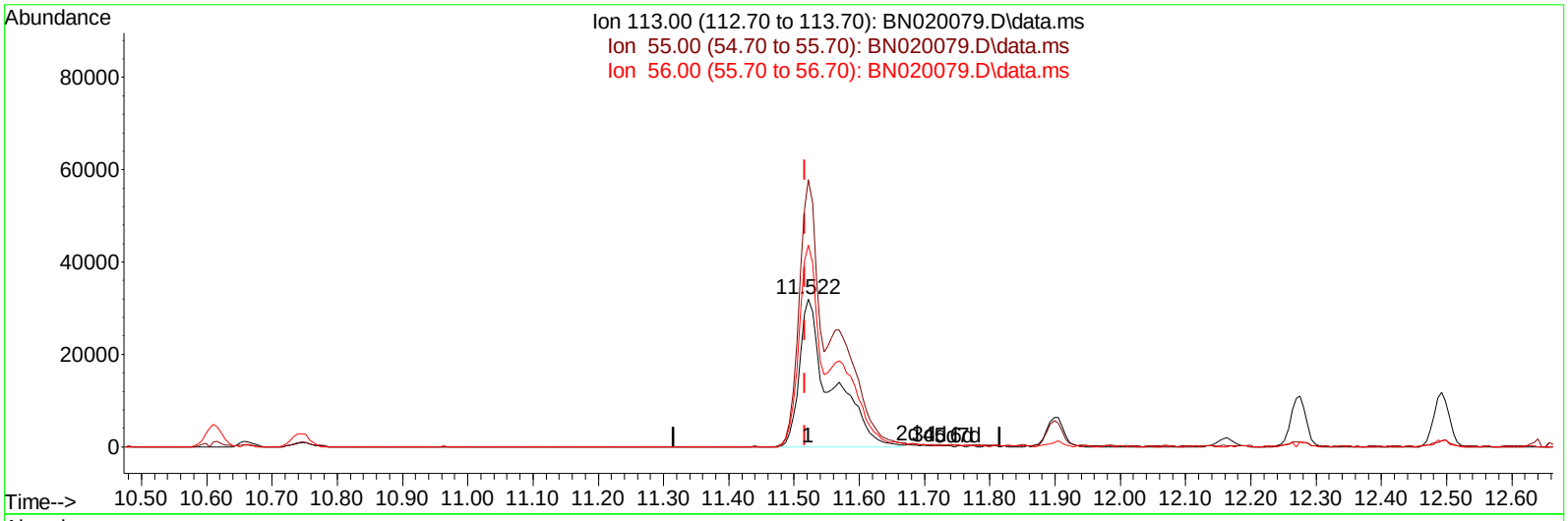

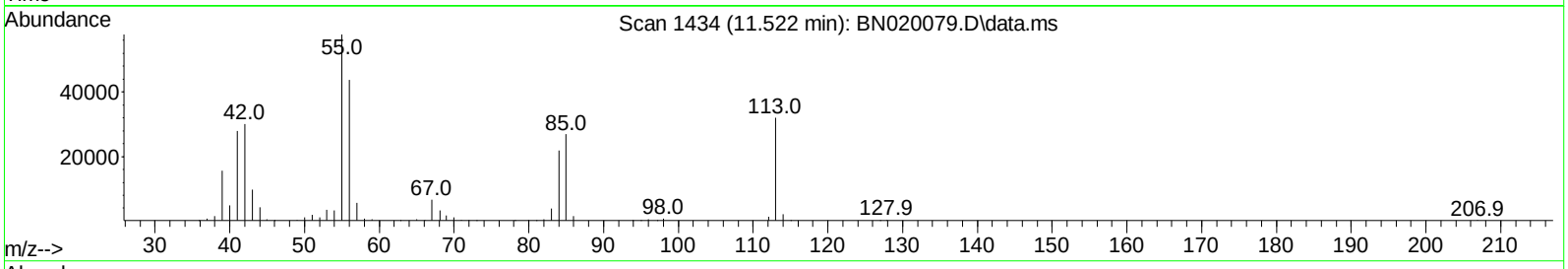

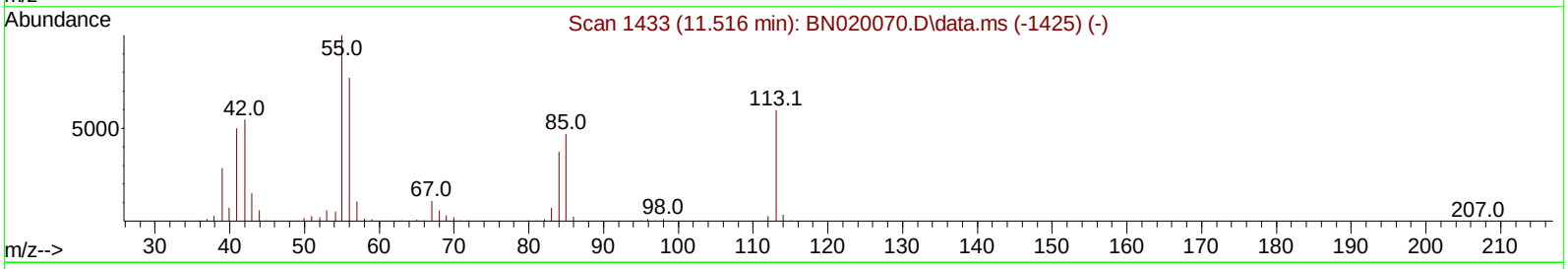

TIC: BN020079.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 29.68 ng/ul m

response 108107

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.70
56.00	133.10	136.51
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	136324	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	639690	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	405208	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	853614	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	772440	20.000	ng/ul	# 0.00
88) Perylene-d12	23.710	264	734870	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	18398	5.845	ng/uL	0.00
4) Pyridine-d5	3.687	84	262862	30.556	ng/ul	0.00
7) Phenol-d5	6.987	99	373812	33.138	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	228140	32.370	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	307417	33.540	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	321478	32.940	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	158309	32.530	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	176098	34.096	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	299449	33.212	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	471304	32.279	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	955699	32.415	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1114578	32.598	ng/ul	0.00
54) 4-Nitrophenol-d4	14.646	143	191800	32.464	ng/ul	0.00
60) Fluorene-d10	15.440	176	789351	32.353	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	134166	27.134	ng/ul	0.00
73) Anthracene-d10	17.287	188	1214675	32.605	ng/ul	0.00
81) Pyrene-d10	19.586	212	1356569	32.395	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	1215202	33.797	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	38883	11.702	ng/uL	98
5) Pyridine	3.705	79	275137	30.508	ng/ul	93
6) Benzaldehyde	6.958	77	212989	40.072	ng/ul	91
8) Phenol	7.017	94	392209	32.652	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.246	93	295590	31.441	ng/ul	99
12) 2-Chlorophenol	7.387	128	314343	32.811	ng/ul	99
13) 2-Methylphenol	8.264	108	296788	32.139	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.352	45	459846	31.192	ng/ul	97
16) Acetophenone	8.640	105	476386	32.098	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	243445	32.109	ng/ul	94
18) 4-Methylphenol	8.593	108	335540	32.922	ng/ul	100
19) Hexachloroethane	8.899	117	120724	31.317	ng/ul	87
22) Nitrobenzene	9.016	77	351785	31.176	ng/ul	94
23) Isophorone	9.540	82	697484	31.306	ng/ul	99
25) 2-Nitrophenol	9.728	139	188563	33.040	ng/ul	98
26) 2,4-Dimethylphenol	9.793	107	363089	30.709	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	423331	31.050	ng/ul	98
29) 2,4-Dichlorophenol	10.263	162	303228	32.512	ng/ul	98
30) Naphthalene	10.663	128	1018179	30.712	ng/ul	100
32) 4-Chloroaniline	10.769	127	442804	30.320	ng/ul	99
33) Hexachlorobutadiene	10.958	225	162538	30.354	ng/ul	99
34) Caprolactam	11.522	113	108107m	29.682	ng/ul	
35) 4-Chloro-3-methylphenol	11.899	107	368810	33.489	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	711789	31.757	ng/ul	96
37) 1-Methylnaphthalene	12.493	142	724237	31.664	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.646	216	327406	31.681	ng/ul	97
40) Hexachlorocyclopentadiene	12.634	237	172003	27.360	ng/ul	99
41) 2,4,6-Trichlorophenol	12.887	196	235132	32.996	ng/ul	93
42) 2,4,5-Trichlorophenol	12.957	196	263111	33.338	ng/ul	92
43) 1,1'-Biphenyl	13.287	154	963553	32.113	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	717655	31.528	ng/ul	98
45) 2-Nitroaniline	13.528	65	243420	34.374	ng/ul	91
47) Dimethylphthalate	13.910	163	939843	31.665	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	199094	34.308	ng/ul	99
50) Acenaphthylene	14.169	152	1203807	31.800	ng/ul	99
51) 3-Nitroaniline	14.351	138	212554	34.646	ng/ul	97
52) Acenaphthene	14.516	153	780911	31.581	ng/ul	100
53) 2,4-Dinitrophenol	14.563	184	46196	12.434	ng/ul	93
55) 4-Nitrophenol	14.663	109	158722	31.473	ng/ul	96
56) Dibenzofuran	14.846	168	1106904	31.774	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	296494	34.506	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	194402	31.379	ng/ul	94
59) Diethylphthalate	15.275	149	980704	32.093	ng/ul	97
61) Fluorene	15.498	166	857413	31.630	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	389308	31.185	ng/ul	92
63) 4-Nitroaniline	15.510	138	220306	38.429	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	126371	25.208	ng/ul#	86
67) N-Nitrosodiphenylamine	15.704	169	781951	31.953	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	241561	32.495	ng/ul	88
69) Hexachlorobenzene	16.504	284	271183	31.736	ng/ul#	91
70) Atrazine	16.657	200	281524	32.971	ng/ul	98
71) Pentachlorophenol	16.845	266	94245	17.708	ng/ul	97
72) Phenanthrene	17.234	178	1445440	32.087	ng/ul	99
74) Anthracene	17.322	178	1425168	31.463	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.252	216	348520	30.490	ng/uL	97
76) Pentachlorobenzene	14.775	250	322801	31.952	ng/uL	98
77) Carbazole	17.592	167	1381120	33.515	ng/ul	98
78) Di-n-butylphthalate	18.163	149	1703811	33.343	ng/ul	99
80) Fluoranthene	19.251	202	1632841	32.285	ng/ul	98
82) Pyrene	19.616	202	1667912	32.145	ng/ul	96
83) Butylbenzylphthalate	20.516	149	807185	34.567	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.298	252	509760	34.552	ng/ul#	98
85) Benzo(a)anthracene	21.369	228	1565195	32.089	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.304	149	1137137	34.514	ng/ul	97
87) Chrysene	21.416	228	1482744	31.072	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	2042490	34.149	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1539098	33.370	ng/ul#	93
91) Benzo(k)fluoranthene	23.051	252	1507479	34.335	ng/ul	93
93) Benzo(a)pyrene	23.610	252	1503574	33.679	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.110	276	1440905	31.370	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.121	278	1235602	31.494	ng/ul	95
96) Benzo(g,h,i)perylene	26.845	276	1193251	30.762	ng/ul#	93

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

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