Quantitation Report (Qedit)

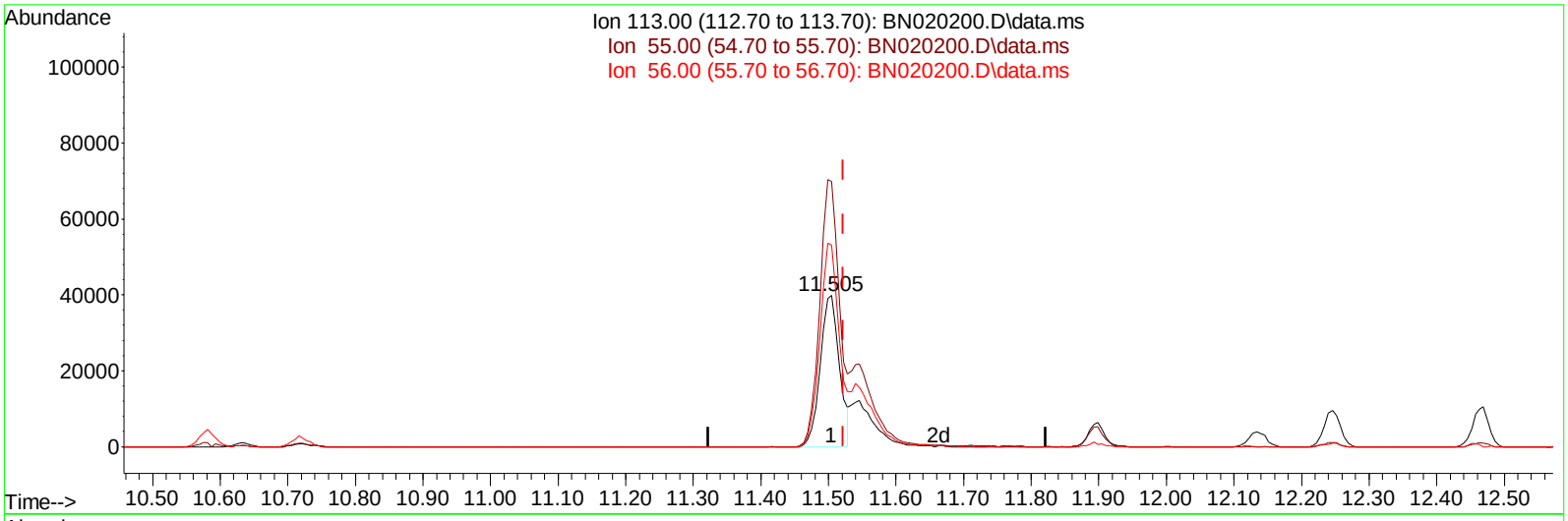
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020200.D
Acq On : 16 Jun 2022 12:29
Operator : CG/JU
Sample : PB145550BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

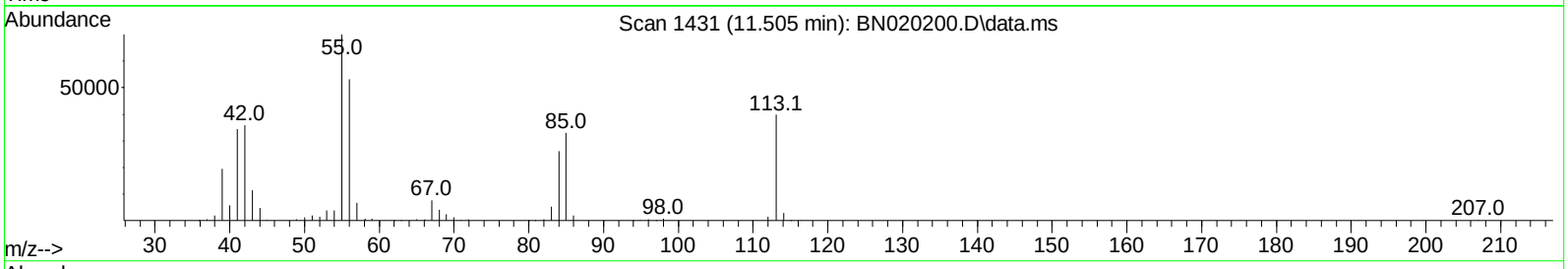
Quant Time: Jun 17 02:26:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration

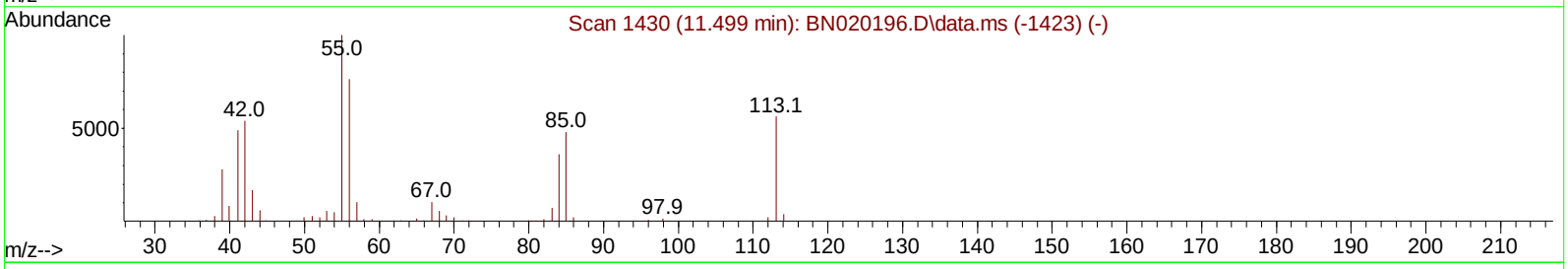
Instrument :
BNA_N
ClientSampleId :
SLCS550

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020200.D\data.ms

(34) Caprolactam

11.505min (-0.018) 24.35 ng/ul

response 78393

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	175.68
56.00	133.10	133.28
0.00	0.00	0.00

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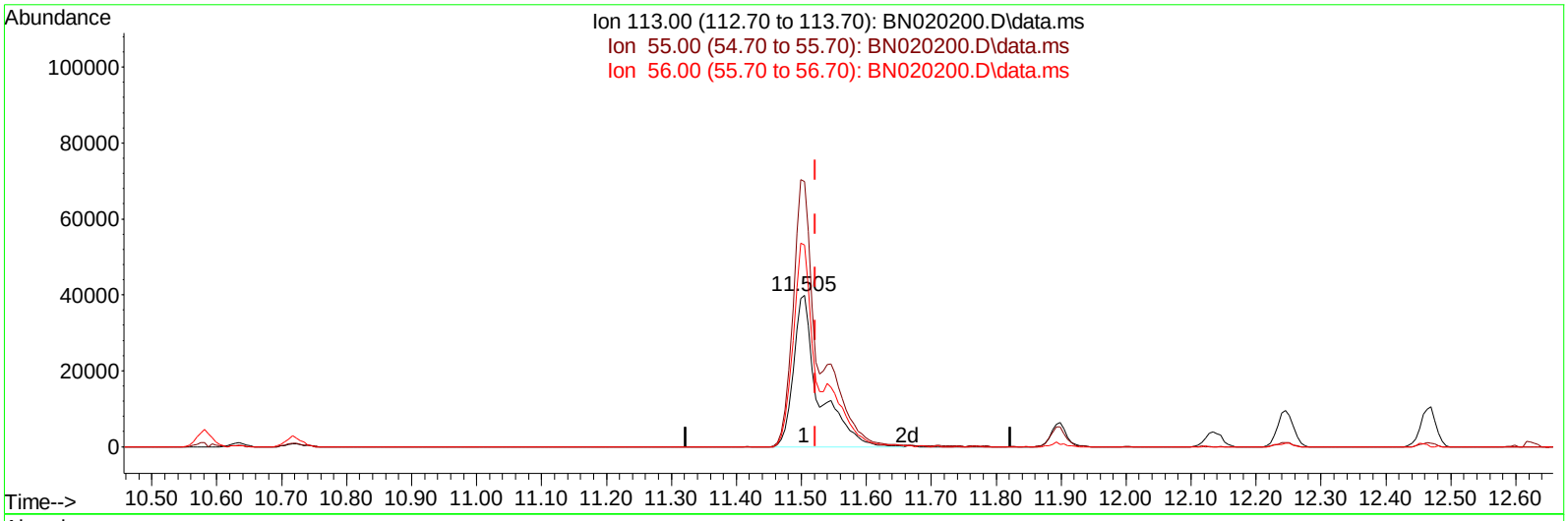

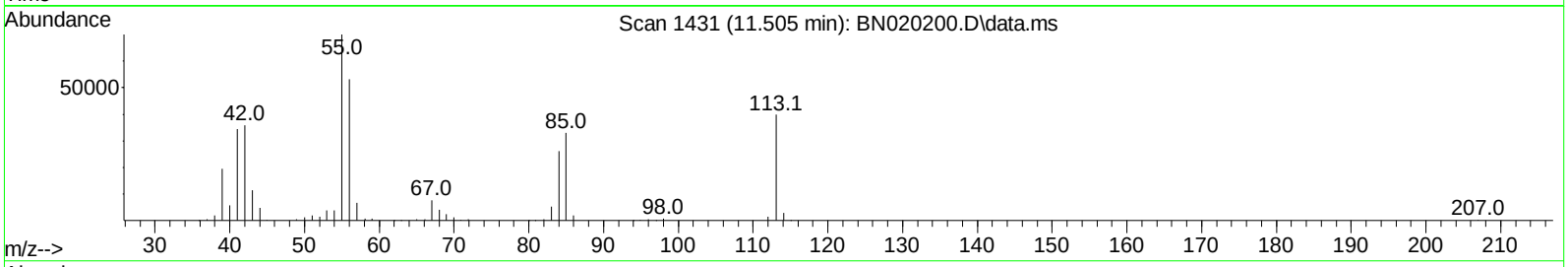

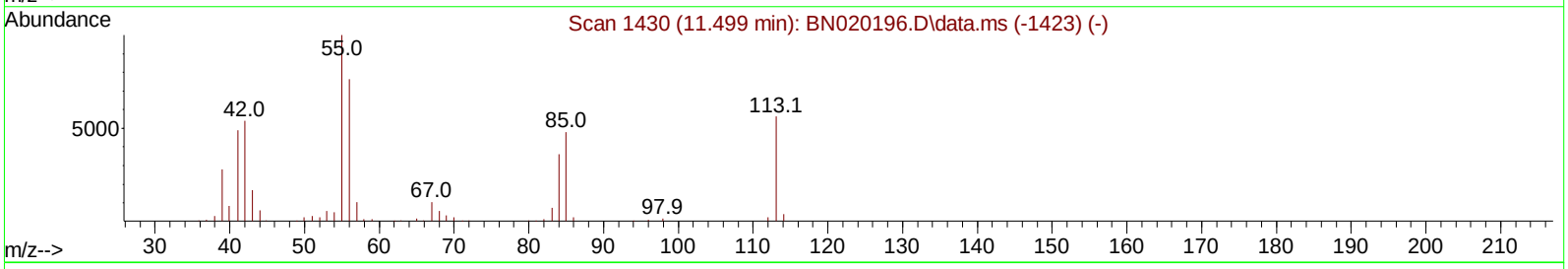

TIC: BN020200.D\data.ms

(34) Caprolactam

11.505min (-0.018) 33.57 ng/ul m

response 108080

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	175.68
56.00	133.10	133.28
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	7.793	152	119608	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	565511	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	361848	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	779955	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	770922	20.000	ng/ul	0.00
88) Perylene-d12	23.669	264	750166	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17118	6.199	ng/uL	0.00
4) Pyridine-d5	3.664	84	240207	31.824	ng/ul	-0.01
7) Phenol-d5	6.987	99	337456	34.096	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	203742	32.949	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	278619	34.647	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	296934	34.677	ng/ul	0.01
21) Nitrobenzene-d5	8.946	128	141796	32.958	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	158688	34.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	274730	34.467	ng/ul	0.01
31) 4-Chloroaniline-d4	10.716	131	397403	30.788	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	926691	35.197	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1063916	34.845	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	183442	34.770	ng/ul	0.03
60) Fluorene-d10	15.416	176	759558	34.863	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	169797	37.583	ng/ul	0.00
73) Anthracene-d10	17.263	188	1195126	35.110	ng/ul	0.00
81) Pyrene-d10	19.557	212	1403095	33.572	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.522	264	1334498	36.358	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	34464	11.822	ng/uL	94
5) Pyridine	3.681	79	238818	30.181	ng/ul	89
6) Benzaldehyde	6.934	77	192713	41.324	ng/ul	95
8) Phenol	7.011	94	345851	32.816	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.216	93	261697	31.726	ng/ul	98
12) 2-Chlorophenol	7.369	128	276396	32.882	ng/ul	98
13) 2-Methylphenol	8.258	108	265712	32.796	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	410373	31.727	ng/ul	98
16) Acetophenone	8.611	105	429329	32.970	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.599	70	213554	32.103	ng/ul	93
18) 4-Methylphenol	8.581	108	294543	32.939	ng/ul	96
19) Hexachloroethane	8.869	117	106103	31.370	ng/ul	88
22) Nitrobenzene	8.987	77	313745	31.452	ng/ul	95
23) Isophorone	9.516	82	626534	31.810	ng/ul	98
25) 2-Nitrophenol	9.699	139	165246	32.752	ng/ul	99
26) 2,4-Dimethylphenol	9.775	107	331121	31.679	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.999	93	381463	31.649	ng/ul	98
29) 2,4-Dichlorophenol	10.246	162	273528	33.175	ng/ul	98
30) Naphthalene	10.634	128	911605	31.104	ng/ul	99
32) 4-Chloroaniline	10.740	127	389331	30.155	ng/ul	98
33) Hexachlorobutadiene	10.928	225	145038	30.639	ng/ul	98
34) Caprolactam	11.505	113	108080m	33.568	ng/ul	
35) 4-Chloro-3-methylphenol	11.899	107	341046	35.030	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	644338	32.519	ng/ul	100
37) 1-Methylnaphthalene	12.463	142	659011	32.592	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	297484	32.235	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	145062	25.840	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.863	196	219500	34.494	ng/ul	96
42) 2,4,5-Trichlorophenol	12.951	196	241891	34.322	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	875787	32.686	ng/ul	99
44) 2-Chloronaphthalene	13.299	162	661514	32.544	ng/ul	97
45) 2-Nitroaniline	13.504	65	224461	35.495	ng/ul	95
47) Dimethylphthalate	13.887	163	885821	33.421	ng/ul	99
48) 2,6-Dinitrotoluene	13.999	165	185350	35.767	ng/ul	100
50) Acenaphthylene	14.146	152	1109678	32.826	ng/ul	99
51) 3-Nitroaniline	14.328	138	195197	35.630	ng/ul	99
52) Acenaphthene	14.487	153	726202	32.888	ng/ul	98
53) 2,4-Dinitrophenol	14.534	184	116844	35.217	ng/ul	94
55) 4-Nitrophenol	14.675	109	145881	32.393	ng/ul	99
56) Dibenzofuran	14.822	168	1032571	33.192	ng/ul	96
57) 2,4-Dinitrotoluene	14.787	165	284842	37.122	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	188492	34.071	ng/ul	92
59) Diethylphthalate	15.251	149	936172	34.307	ng/ul	98
61) Fluorene	15.469	166	812498	33.564	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	371018	33.281	ng/ul	91
63) 4-Nitroaniline	15.493	138	211589	41.331	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	165367	36.102	ng/ul	93
67) N-Nitrosodiphenylamine	15.681	169	753326	33.691	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	229237	33.750	ng/ul#	90
69) Hexachlorobenzene	16.481	284	266833	34.176	ng/ul#	92
70) Atrazine	16.634	200	268931	34.471	ng/ul	98
71) Pentachlorophenol	16.828	266	166117	34.160	ng/ul	99
72) Phenanthrene	17.210	178	1371325	33.316	ng/ul	99
74) Anthracene	17.298	178	1387910	33.534	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	326060	31.219	ng/uL	98
76) Pentachlorobenzene	14.746	250	308560	33.427	ng/uL	99
77) Carbazole	17.569	167	1357720	36.059	ng/ul	96
78) Di-n-butylphthalate	18.139	149	1637104	35.063	ng/ul	99
80) Fluoranthene	19.222	202	1611464	31.925	ng/ul	95
82) Pyrene	19.586	202	1680824	32.458	ng/ul#	93
83) Butylbenzylphthalate	20.492	149	808503	34.692	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.275	252	517911	35.174	ng/ul#	91
85) Benzo(a)anthracene	21.339	228	1638980	33.668	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.280	149	1130369	34.376	ng/ul	100
87) Chrysene	21.392	228	1573409	33.037	ng/ul	100
89) Di-n-octyl phthalate	22.175	149	2124849	34.801	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	1667410	35.415	ng/ul	98
91) Benzo(k)fluoranthene	23.016	252	1585717	35.381	ng/ul	96
93) Benzo(a)pyrene	23.574	252	1583304	34.741	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.051	276	1657948	35.359	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.063	278	1394531	34.820	ng/ul	98
96) Benzo(g,h,i)perylene	26.774	276	1399001	35.331	ng/ul#	95

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

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