Quantitation Report (Qedit)

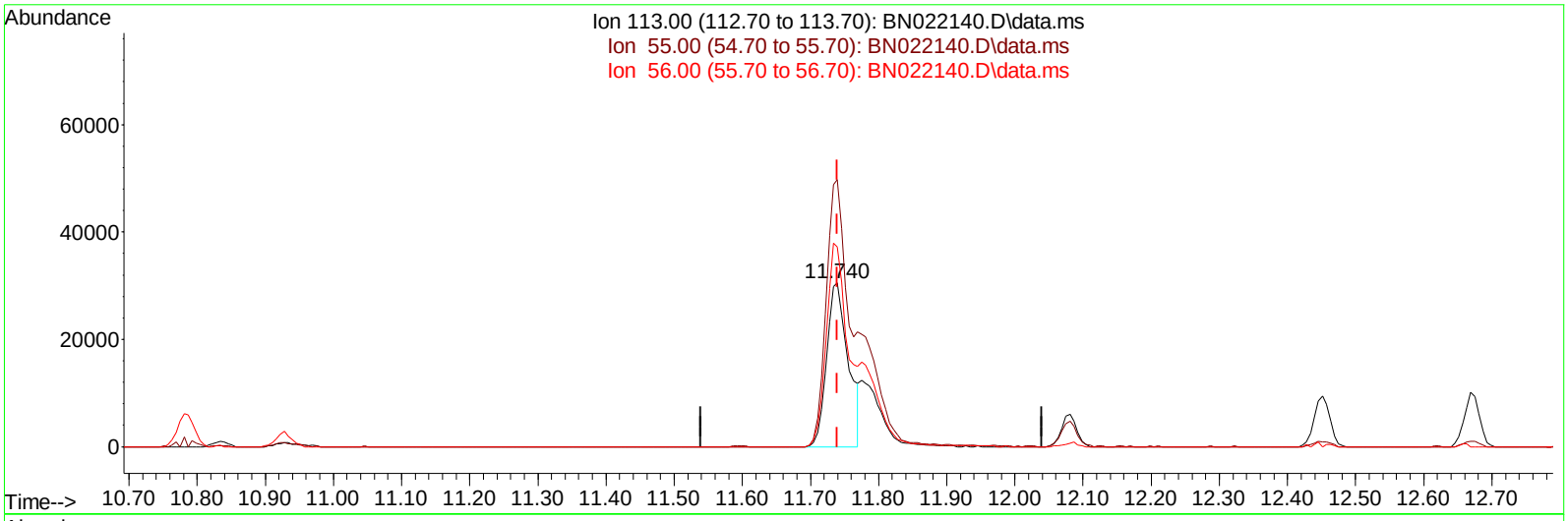
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022140.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

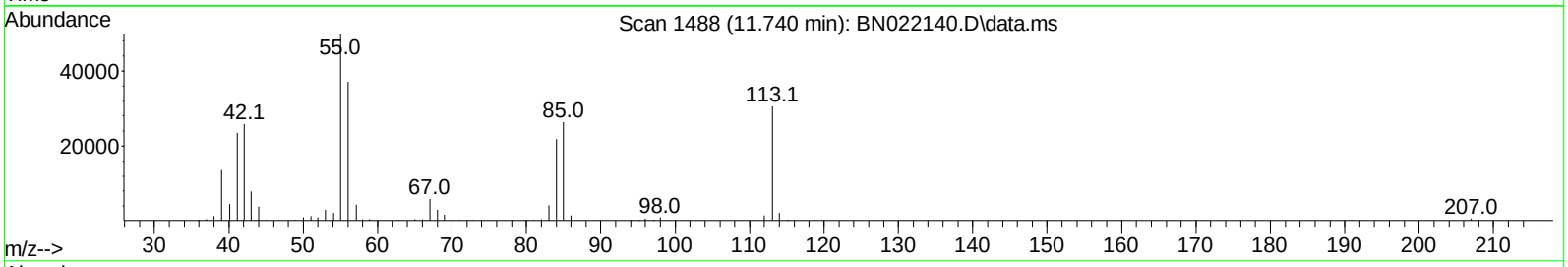
Quant Time: Oct 15 03:29:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

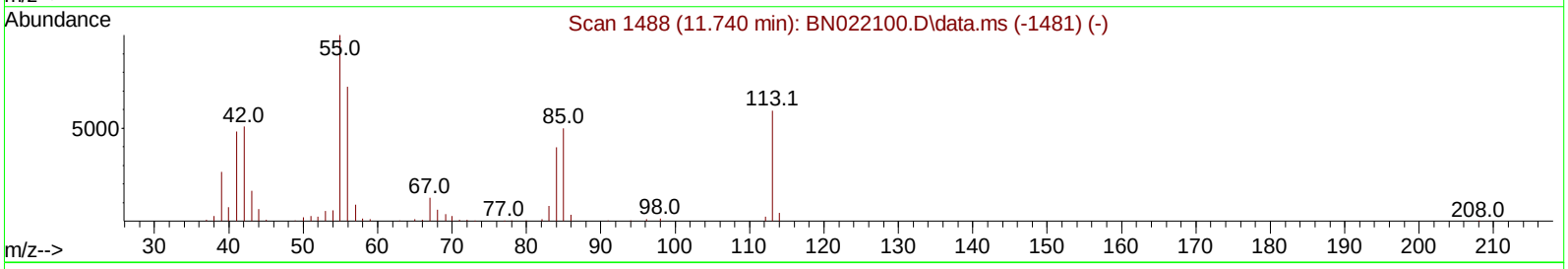
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022







TIC: BN022140.D\data.ms

(34) Caprolactam

11.740min (-0.000) 12.94 ng/ul

response 67131

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	162.51
56.00	126.70	121.54
0.00	0.00	0.00

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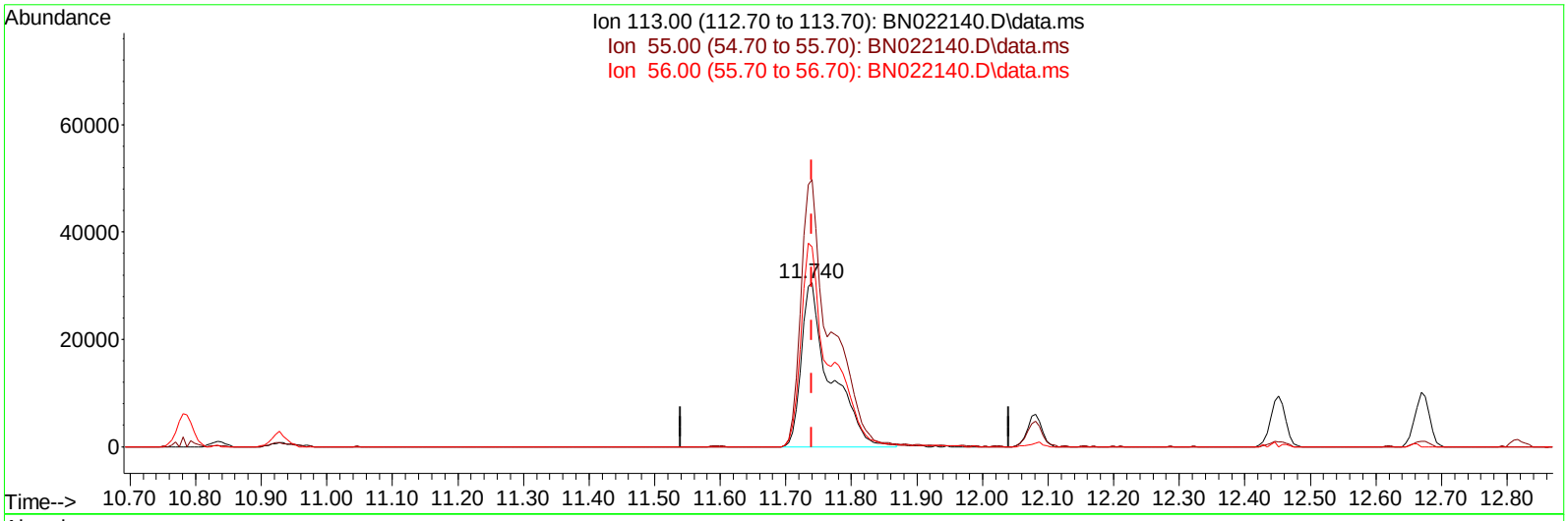

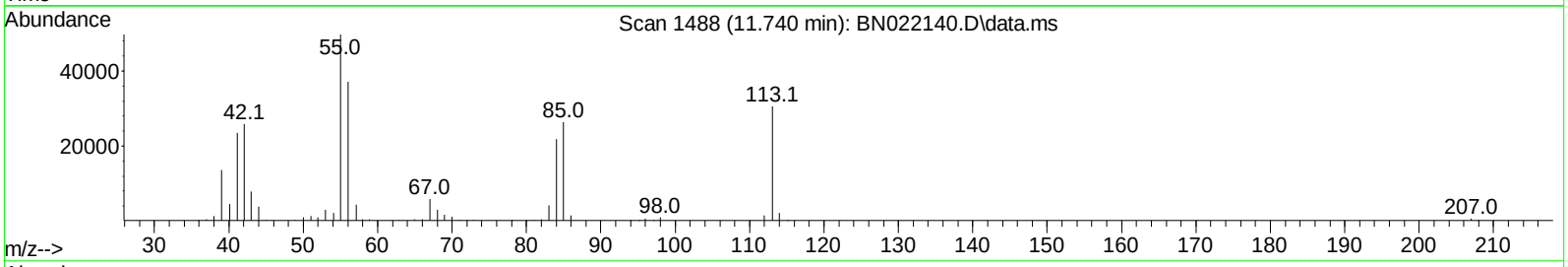

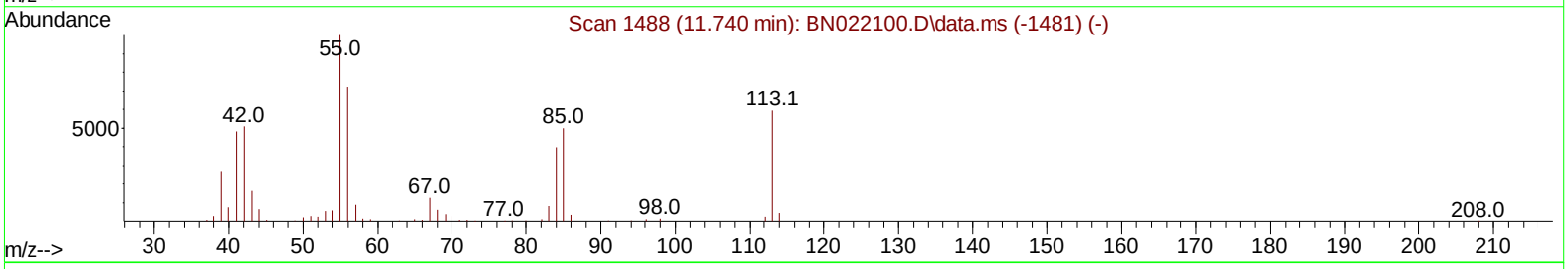

TIC: BN022140.D\data.ms

(34) Caprolactam

11.740min (-0.000) 17.96 ng/ul m

response 93185

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	162.51
56.00	126.70	121.54
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	7.952	152	192737	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	907824	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	558368	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1133929	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	946110	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	829953	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	36573	7.192	ng/uL	0.00
4) Pyridine-d5	3.693	84	289775	18.319	ng/ul	0.00
7) Phenol-d5	7.110	99	352268	18.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	213334	18.068	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	265641	20.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	275626	18.409	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	137628	20.675	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	150472	22.054	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	260965	20.377	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	382244	18.256	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	722287	18.557	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	863592	19.869	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	155351	18.699	ng/ul	0.00
60) Fluorene-d10	15.622	176	619890	18.882	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	105051	16.239	ng/ul	0.00
73) Anthracene-d10	17.486	188	964106	19.565	ng/ul	0.00
81) Pyrene-d10	19.780	212	1020438	21.663	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	788274	19.367	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	38804	7.001	ng/uL	95
5) Pyridine	3.711	79	284798	18.149	ng/ul	96
6) Benzaldehyde	7.087	77	203057	21.823	ng/ul	99
8) Phenol	7.140	94	371468	18.574	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	290566	18.263	ng/ul	99
12) 2-Chlorophenol	7.510	128	285089	19.763	ng/ul	97
13) 2-Methylphenol	8.405	108	276437	18.488	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	402071	17.660	ng/ul	99
16) Acetophenone	8.793	105	429628	17.960	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	226655	17.790	ng/ul	98
18) 4-Methylphenol	8.740	108	303872	18.150	ng/ul	96
19) Hexachloroethane	9.040	117	113655	20.180	ng/ul	97
22) Nitrobenzene	9.175	77	345347	19.647	ng/ul	99
23) Isophorone	9.704	82	647693	18.664	ng/ul	99
25) 2-Nitrophenol	9.893	139	166007	20.617	ng/ul	97
26) 2,4-Dimethylphenol	9.951	107	331478	19.525	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	394087	18.161	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	262683	19.667	ng/ul	98
30) Naphthalene	10.834	128	933914	19.204	ng/ul	98
32) 4-Chloroaniline	10.951	127	402123	18.526	ng/ul	97
33) Hexachlorobutadiene	11.116	225	145673	19.877	ng/ul	96
34) Caprolactam	11.740	113	93185m	17.956	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	305055	18.944	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	620630	18.480	ng/ul	100
37) 1-Methylnaphthalene	12.669	142	620060	18.437	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.822	216	286922	19.809	ng/ul	93
40) Hexachlorocyclopentadiene	12.793	237	116328	14.366	ng/ul	88
41) 2,4,6-Trichlorophenol	13.063	196	202990	20.552	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	221132	20.104	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	779475	19.123	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	608259	19.098	ng/ul	93
45) 2-Nitroaniline	13.716	65	206568	20.936	ng/ul	96
47) Dimethylphthalate	14.087	163	755533	18.058	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	161399	20.595	ng/ul	95
50) Acenaphthylene	14.351	152	945938	19.057	ng/ul	97
51) 3-Nitroaniline	14.545	138	189197	20.446	ng/ul	99
52) Acenaphthene	14.692	153	653704	18.571	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	76033	14.322	ng/ul	96
55) 4-Nitrophenol	14.845	109	124256	18.446	ng/ul	98
56) Dibenzofuran	15.028	168	879852	18.318	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	234675	20.441	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.257	232	182517	19.939	ng/ul	96
59) Diethylphthalate	15.451	149	783052	18.426	ng/ul	97
61) Fluorene	15.681	166	724929	18.774	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.669	204	331091	18.299	ng/ul	97
63) 4-Nitroaniline	15.710	138	202988	23.510	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	111489	16.053	ng/ul	95
67) N-Nitrosodiphenylamine	15.886	169	623580	19.016	ng/ul	97
68) 4-Bromophenyl-phenylether	16.569	248	208491	20.814	ng/ul	86
69) Hexachlorobenzene	16.686	284	233704	19.166	ng/ul	89
70) Atrazine	16.845	200	216908	19.642	ng/ul	99
71) Pentachlorophenol	17.033	266	145092	19.243	ng/ul	95
72) Phenanthrene	17.428	178	1159384	18.954	ng/ul	98
74) Anthracene	17.516	178	1181823	19.452	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	292225	20.489	ng/uL	97
76) Pentachlorobenzene	14.945	250	288079	18.818	ng/uL	97
77) Carbazole	17.792	167	1101244	19.596	ng/ul	100
78) Di-n-butylphthalate	18.351	149	1387336	19.919	ng/ul	99
80) Fluoranthene	19.451	202	1285437	21.739	ng/ul	98
82) Pyrene	19.816	202	1376741	22.255	ng/ul	96
83) Butylbenzylphthalate	20.710	149	659083	24.557	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	381587	18.649	ng/ul	98
85) Benzo(a)anthracene	21.569	228	1202784	19.896	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.480	149	976355	25.152	ng/ul	100
87) Chrysene	21.621	228	1120592	19.288	ng/ul	100
89) Di-n-octyl phthalate	22.427	149	1698425	28.883	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1068696	20.416	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	999126	19.319	ng/ul	97
93) Benzo(a)pyrene	23.939	252	872184	18.643	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.633	276	933528	15.964	ng/ul	97
95) Dibenzo(a,h)anthracene	26.657	278	826752	15.803	ng/ul	92
96) Benzo(g,h,i)perylene	27.433	276	819851	15.584	ng/ul	99

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

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