Quantitation Report (Qedit)

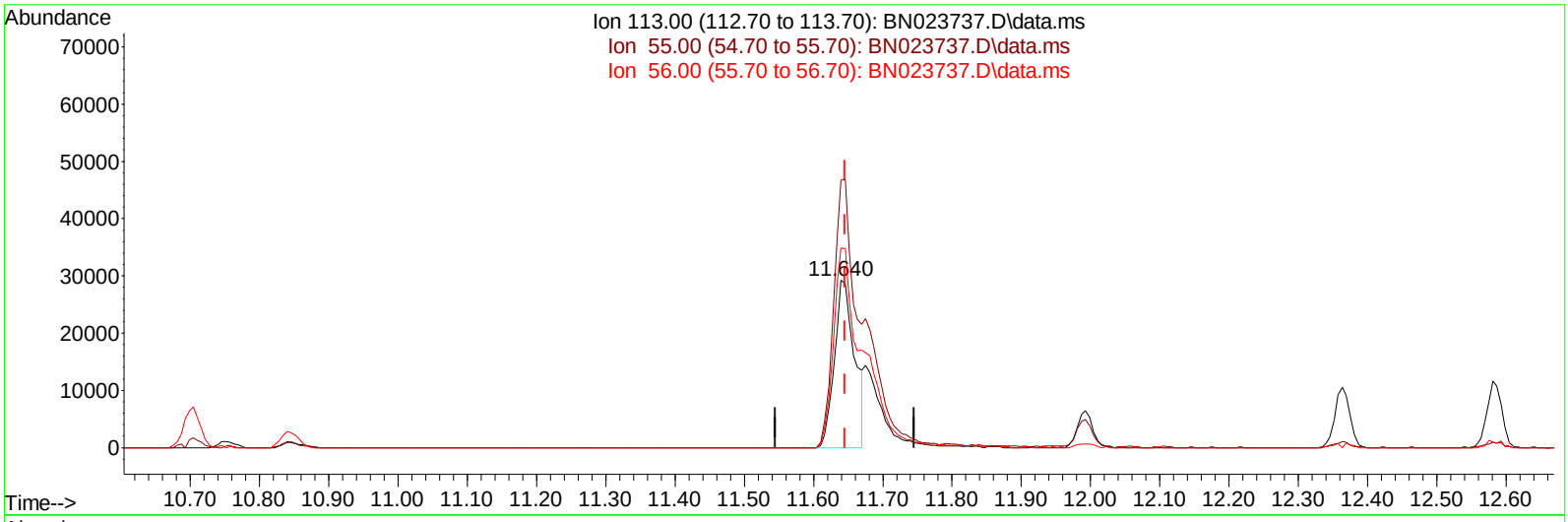
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023737.D
Acq On : 20 Jan 2023 21:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

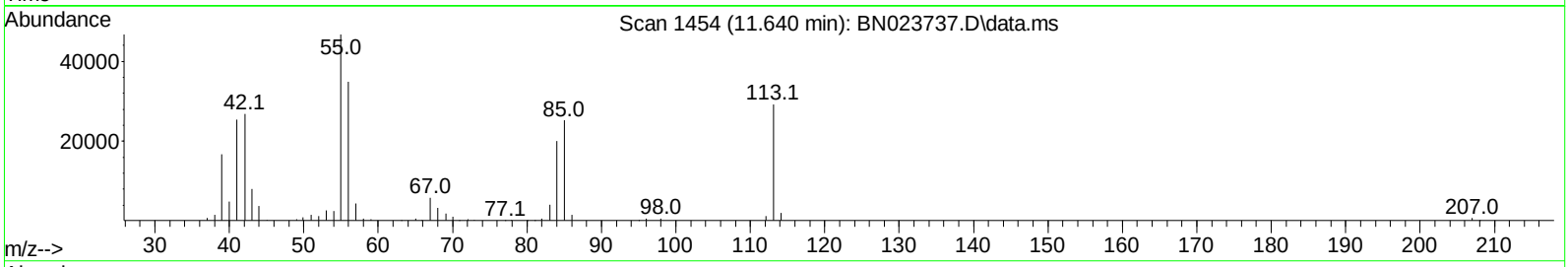
Quant Time: Jan 20 23:29:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 20 23:02:18 2023
Response via : Initial Calibration

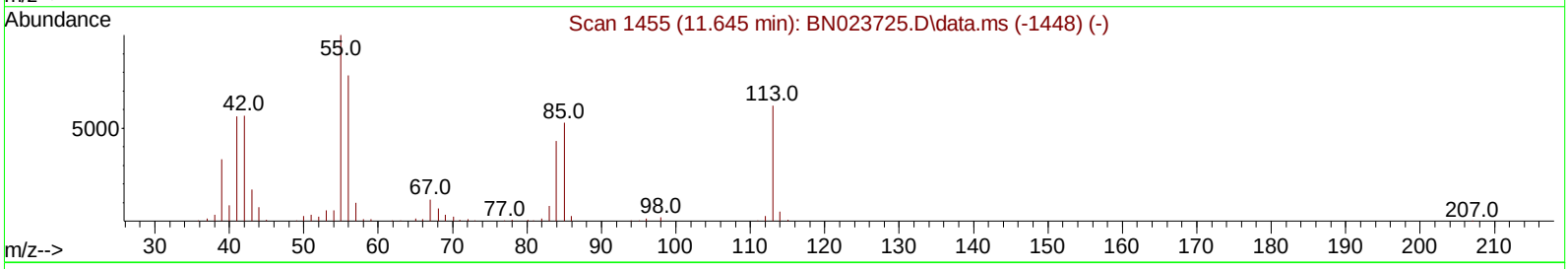
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/23/2023
Supervised By :Yogesh Patel 01/24/2023







TIC: BN023737.D\data.ms

(34) Caprolactam

11.640min (-0.006) 11.42 ng/ul

response 58587

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	159.82
56.00	117.80	119.46
0.00	0.00	0.00

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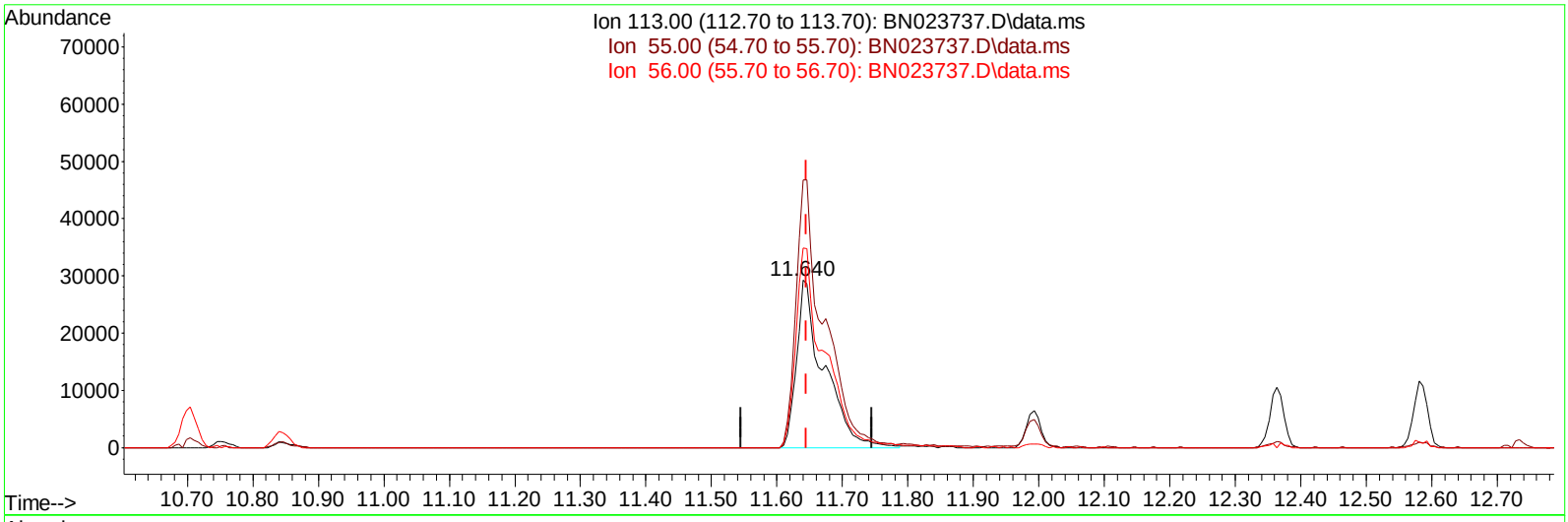

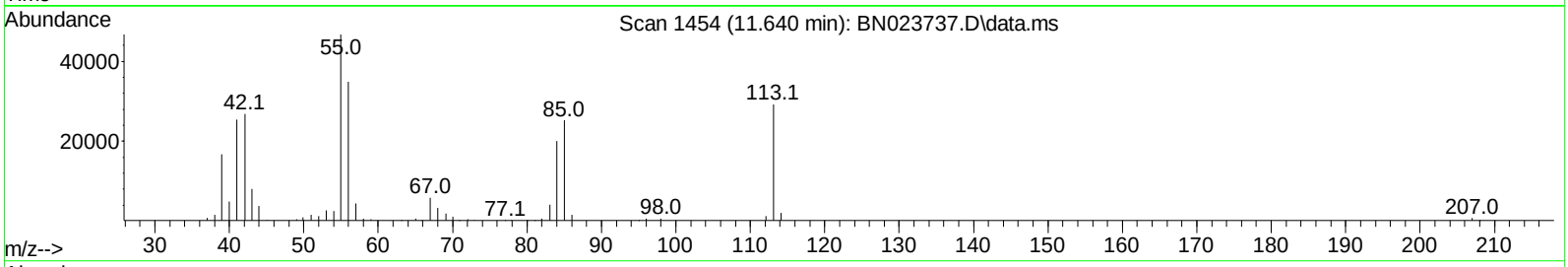

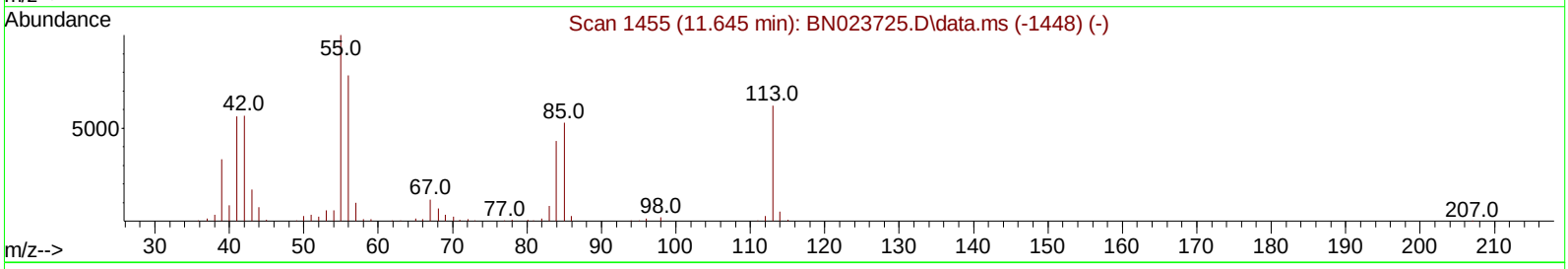

TIC: BN023737.D\data.ms

(34) Caprolactam

11.640min (-0.006) 16.48 ng/ul m

response 84576

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	159.82
56.00	117.80	119.46
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	7.893	152	222707	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1002991	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	636762	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1229647	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1267473	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	1236197	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	44890	8.674	ng/uL	0.00
4) Pyridine-d5	3.699	84	309276	19.918	ng/ul	0.00
7) Phenol-d5	7.058	99	345850	17.522	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	236760	19.553	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	299871	19.837	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	289741	18.391	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	144333	19.083	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	155318	19.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	263937	17.283	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	403907	16.814	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	874617	18.464	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	996781	18.992	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	167345	17.354	ng/ul	0.00
60) Fluorene-d10	15.534	176	744438	18.393	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	133438	17.989	ng/ul	0.00
73) Anthracene-d10	17.386	188	1032560	18.765	ng/ul	0.00
81) Pyrene-d10	19.680	212	1217551	16.797	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	1150333	18.817	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	46628	8.535	ng/uL	99
5) Pyridine	3.717	79	319492	20.099	ng/ul	98
6) Benzaldehyde	7.028	77	156364	20.455	ng/ul	99
8) Phenol	7.081	94	360214	17.928	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.316	93	302874	19.078	ng/ul	99
12) 2-Chlorophenol	7.452	128	310428	19.872	ng/ul	99
13) 2-Methylphenol	8.340	108	285047	18.852	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	418083	19.691	ng/ul	99
16) Acetophenone	8.722	105	458719	18.839	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	240512	19.617	ng/ul	99
18) 4-Methylphenol	8.669	108	310490	18.647	ng/ul	99
19) Hexachloroethane	8.975	117	123395	19.750	ng/ul	94
22) Nitrobenzene	9.105	77	338556	17.885	ng/ul	99
23) Isophorone	9.628	82	656042	19.163	ng/ul	99
25) 2-Nitrophenol	9.816	139	167206	18.788	ng/ul	95
26) 2,4-Dimethylphenol	9.875	107	332257	18.396	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	404229	18.204	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	264981	17.341	ng/ul	97
30) Naphthalene	10.752	128	982881	18.229	ng/ul	100
32) 4-Chloroaniline	10.869	127	415954	17.289	ng/ul	97
33) Hexachlorobutadiene	11.034	225	165546	17.515	ng/ul	96
34) Caprolactam	11.640	113	84576m	16.480	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	307141	18.434	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	638623	17.768	ng/ul	96
37) 1-Methylnaphthalene	12.581	142	670989	18.272	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.734	216	310400	16.482	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	207099	17.448	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	209251	16.856	ng/ul	93
42) 2,4,5-Trichlorophenol	13.040	196	229547	16.908	ng/ul	90
43) 1,1'-Biphenyl	13.375	154	891450	18.146	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	689476	18.090	ng/ul	99
45) 2-Nitroaniline	13.628	65	207251	19.718	ng/ul	99
47) Dimethylphthalate	13.998	163	884429	18.581	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	172176	19.134	ng/ul	98
50) Acenaphthylene	14.263	152	1097028	18.799	ng/ul	99
51) 3-Nitroaniline	14.451	138	163305	18.111	ng/ul	98
52) Acenaphthene	14.604	153	757326	18.407	ng/ul	100
53) 2,4-Dinitrophenol	14.657	184	69666	11.846	ng/ul	97
55) 4-Nitrophenol	14.751	109	135576	17.409	ng/ul	99
56) Dibenzofuran	14.940	168	1019712	17.806	ng/ul	95
57) 2,4-Dinitrotoluene	14.904	165	249566	18.998	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.163	232	208602	17.932	ng/ul	98
59) Diethylphthalate	15.363	149	888396	18.633	ng/ul	98
61) Fluorene	15.587	166	844369	18.208	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	405737	17.972	ng/ul	97
63) 4-Nitroaniline	15.610	138	156873	18.896	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	134489	18.372	ng/ul	100
67) N-Nitrosodiphenylamine	15.798	169	723264	20.959	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	238966	19.388	ng/ul	95
69) Hexachlorobenzene	16.587	284	276818	19.165	ng/ul	98
70) Atrazine	16.751	200	241973	18.736	ng/ul	99
71) Pentachlorophenol	16.934	266	163784	17.768	ng/ul	94
72) Phenanthrene	17.328	178	1206804	18.316	ng/ul	100
74) Anthracene	17.422	178	1247133	19.019	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.340	216	325047	19.634	ng/uL	100
76) Pentachlorobenzene	14.857	250	339252	20.458	ng/uL	95
77) Carbazole	17.692	167	1174673	19.729	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1421102	20.103	ng/ul	100
80) Fluoranthene	19.345	202	1408415	16.612	ng/ul	99
82) Pyrene	19.710	202	1479126	16.517	ng/ul	100
83) Butylbenzylphthalate	20.610	149	667151	18.817	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	514317	18.576	ng/ul#	91
85) Benzo(a)anthracene	21.463	228	1555009	18.112	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	999468	19.416	ng/ul#	98
87) Chrysene	21.516	228	1479858	18.383	ng/ul	97
89) Di-n-octyl phthalate	22.316	149	1595899	18.705	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	1492331	18.951	ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	1467368	18.840	ng/ul	97
93) Benzo(a)pyrene	23.786	252	1264695	18.519	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	1463898	17.345	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	1201604	17.218	ng/ul	96
96) Benzo(g,h,i)perylene	27.198	276	1134515	16.879	ng/ul	97

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

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