Quantitation Report (Qedit)

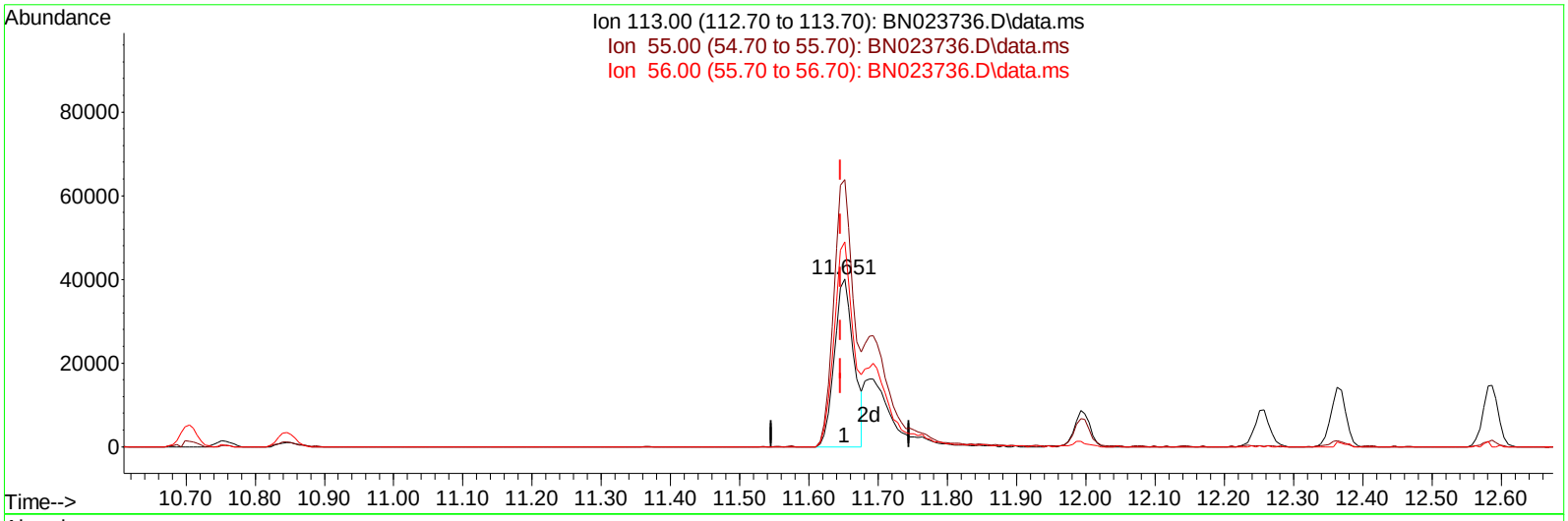
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023736.D
Acq On : 20 Jan 2023 20:36
Operator : CG/JU
Sample : PB150349BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

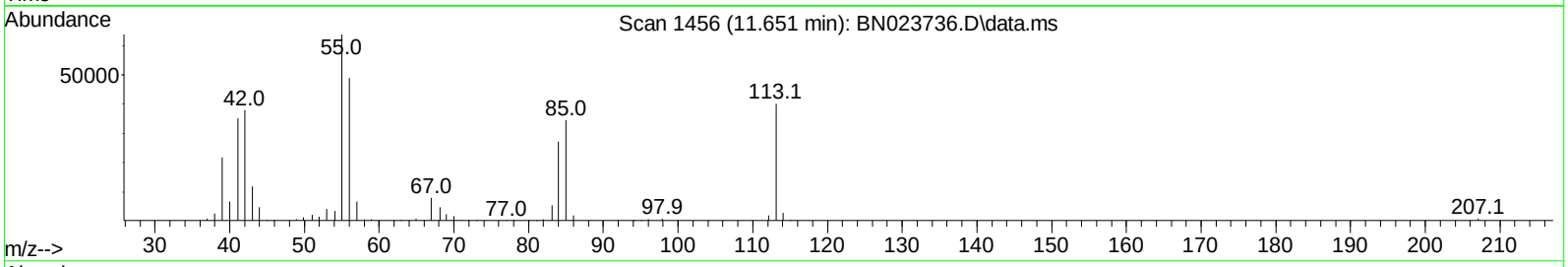
Quant Time: Jan 20 23:26:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 20 23:02:18 2023
Response via : Initial Calibration

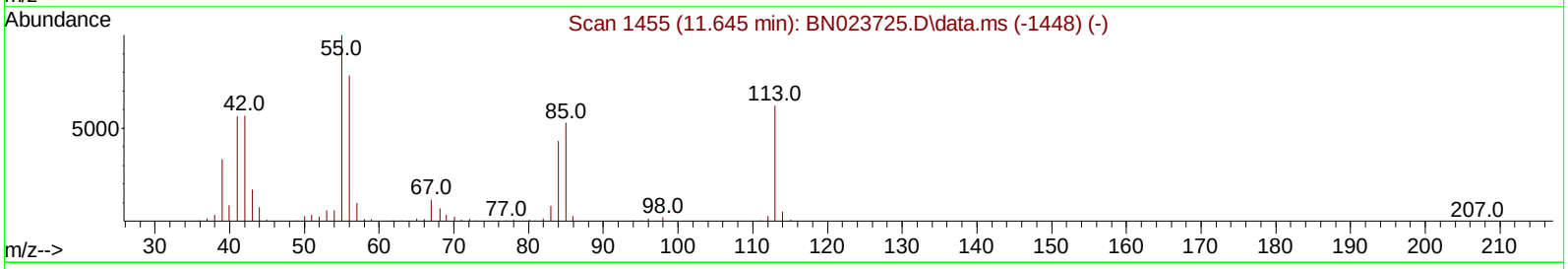
Instrument :
BNA_N
ClientSampleId :
SLCS349

Manual IntegrationsAPPROVED

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







TIC: BN023736.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 20.47 ng/ul

response 77453

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	159.05
56.00	117.80	122.10
0.00	0.00	0.00

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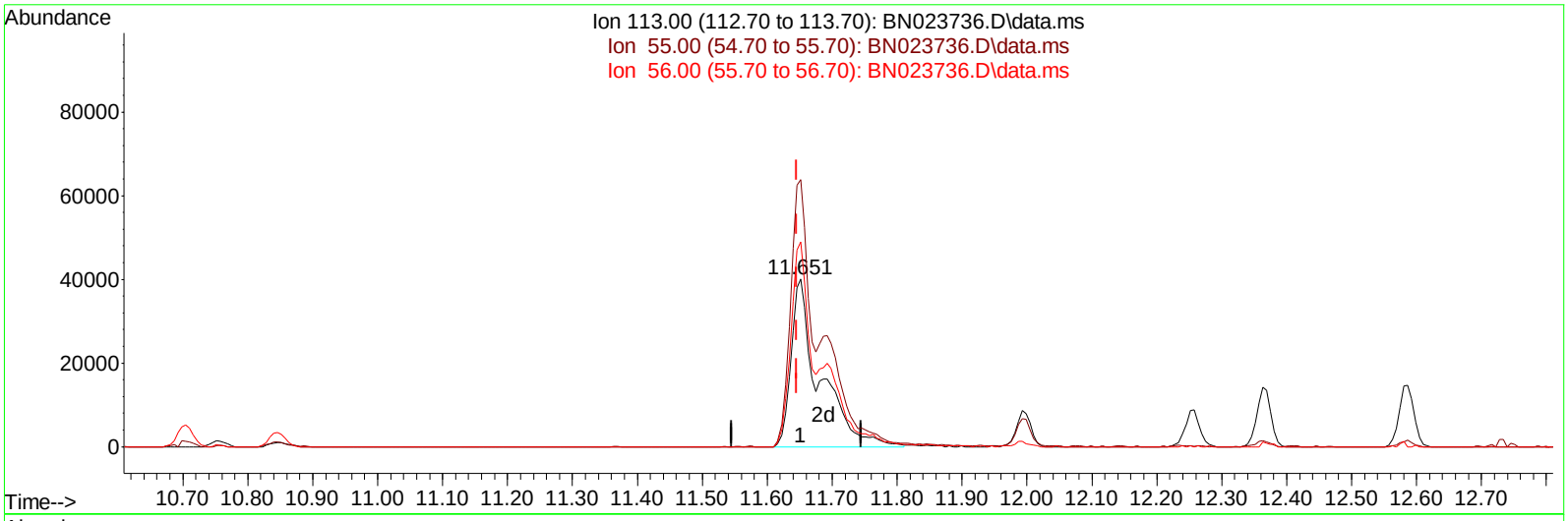

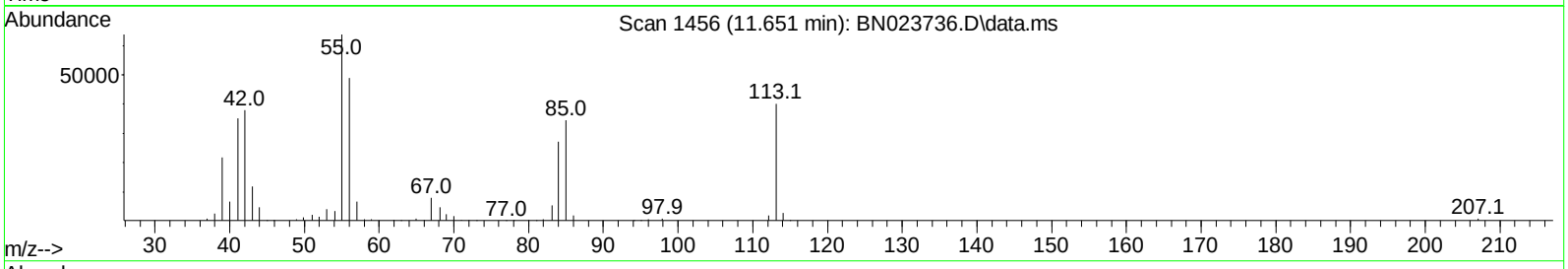

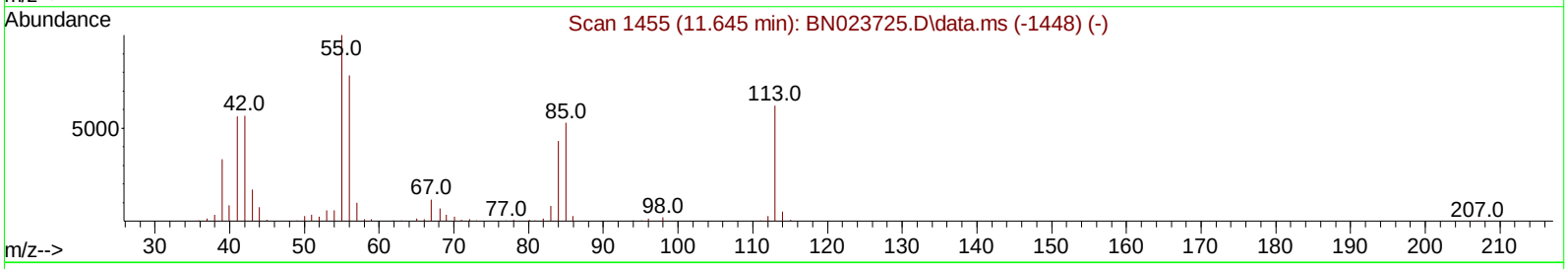

TIC: BN023736.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 32.43 ng/ul m

response 122690

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	159.05
56.00	117.80	122.10
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	191061	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	739338	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	388894	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	804966	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	683073	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	640685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	34024	7.663	ng/uL	0.00
4) Pyridine-d5	3.699	84	473122	35.516	ng/ul	0.00
7) Phenol-d5	7.058	99	576739	34.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	373961	35.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	487370	37.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	460426	34.066	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	232716	41.742	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	229460	38.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	428237	38.041	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	501464	28.320	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1099392	38.003	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1259418	39.291	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	215583	36.605	ng/ul	0.00
60) Fluorene-d10	15.534	176	924355	37.394	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	179624	36.990	ng/ul	0.00
73) Anthracene-d10	17.386	188	1388311	38.541	ng/ul	0.00
81) Pyrene-d10	19.680	212	1570222	40.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	1253710	39.570	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	68496	14.614	ng/uL	97
5) Pyridine	3.722	79	470117	34.474	ng/ul	94
6) Benzaldehyde	7.028	77	354527	54.061	ng/ul	99
8) Phenol	7.087	94	593167	34.412	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.322	93	484976	35.609	ng/ul	98
12) 2-Chlorophenol	7.452	128	493186	36.800	ng/ul	100
13) 2-Methylphenol	8.340	108	448663	34.588	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	651875	35.788	ng/ul	99
16) Acetophenone	8.728	105	705468	33.771	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	373282	35.490	ng/ul	99
18) 4-Methylphenol	8.675	108	488410	34.190	ng/ul	99
19) Hexachloroethane	8.975	117	200714	37.446	ng/ul	96
22) Nitrobenzene	9.105	77	555581	39.817	ng/ul	100
23) Isophorone	9.634	82	897686	35.572	ng/ul	98
25) 2-Nitrophenol	9.816	139	252259	38.453	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	482287	36.225	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	611126	37.336	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	421188	37.392	ng/ul	97
30) Naphthalene	10.757	128	1307920	32.908	ng/ul	99
32) 4-Chloroaniline	10.869	127	493030	27.801	ng/ul	98
33) Hexachlorobutadiene	11.040	225	240934	34.582	ng/ul	97
34) Caprolactam	11.651	113	122690m	32.431	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	415716	33.848	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	859743	32.450	ng/ul	94
37) 1-Methylnaphthalene	12.587	142	869444	32.120	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	449623	39.092	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	279353	38.536	ng/ul	96
41) 2,4,6-Trichlorophenol	12.975	196	298478	39.369	ng/ul	94
42) 2,4,5-Trichlorophenol	13.046	196	328655	39.638	ng/ul	88
43) 1,1'-Biphenyl	13.375	154	1132739	37.754	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	884271	37.988	ng/ul	99
45) 2-Nitroaniline	13.628	65	275825	42.968	ng/ul	98
47) Dimethylphthalate	14.004	163	1105503	38.029	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	231027	42.039	ng/ul	94
50) Acenaphthylene	14.263	152	1359090	38.133	ng/ul	100
51) 3-Nitroaniline	14.451	138	223743	40.628	ng/ul	98
52) Acenaphthene	14.604	153	928727	36.961	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	102788	28.617	ng/ul	96
55) 4-Nitrophenol	14.757	109	173418	36.462	ng/ul	99
56) Dibenzofuran	14.940	168	1275257	36.462	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	327514	40.823	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	277593	39.072	ng/ul	98
59) Diethylphthalate	15.363	149	1117293	38.369	ng/ul	98
61) Fluorene	15.592	166	1029918	36.364	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	506091	36.705	ng/ul	98
63) 4-Nitroaniline	15.616	138	240335	47.400	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.669	198	175510	36.624	ng/ul	96
67) N-Nitrosodiphenylamine	15.798	169	905903	40.101	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	320712	39.748	ng/ul	100
69) Hexachlorobenzene	16.592	284	357775	37.839	ng/ul	100
70) Atrazine	16.751	200	337714	39.944	ng/ul	97
71) Pentachlorophenol	16.934	266	224606	37.221	ng/ul	93
72) Phenanthrene	17.328	178	1610175	37.331	ng/ul	99
74) Anthracene	17.422	178	1621322	37.770	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	440745	40.669	ng/uL	98
76) Pentachlorobenzene	14.857	250	423341	38.997	ng/uL	98
77) Carbazole	17.692	167	1511262	38.774	ng/ul	99
78) Di-n-butylphthalate	18.257	149	1869601	40.401	ng/ul	99
80) Fluoranthene	19.345	202	1844819	40.374	ng/ul	100
82) Pyrene	19.710	202	1914878	39.676	ng/ul	98
83) Butylbenzylphthalate	20.616	149	800991	41.921	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	575643	38.578	ng/ul	98
85) Benzo(a)anthracene	21.474	228	1728118	37.349	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	1116714	40.253	ng/ul	100
87) Chrysene	21.527	228	1644859	37.915	ng/ul	96
89) Di-n-octyl phthalate	22.327	149	1827275	41.325	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	1694028	41.509	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	1534019	38.003	ng/ul	99
93) Benzo(a)pyrene	23.804	252	1401119	39.587	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.445	276	1702915	38.931	ng/ul	98
95) Dibenzo(a,h)anthracene	26.468	278	1414729	39.116	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	1365598	39.201	ng/ul	96

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

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