Quantitation Report (Qedit)

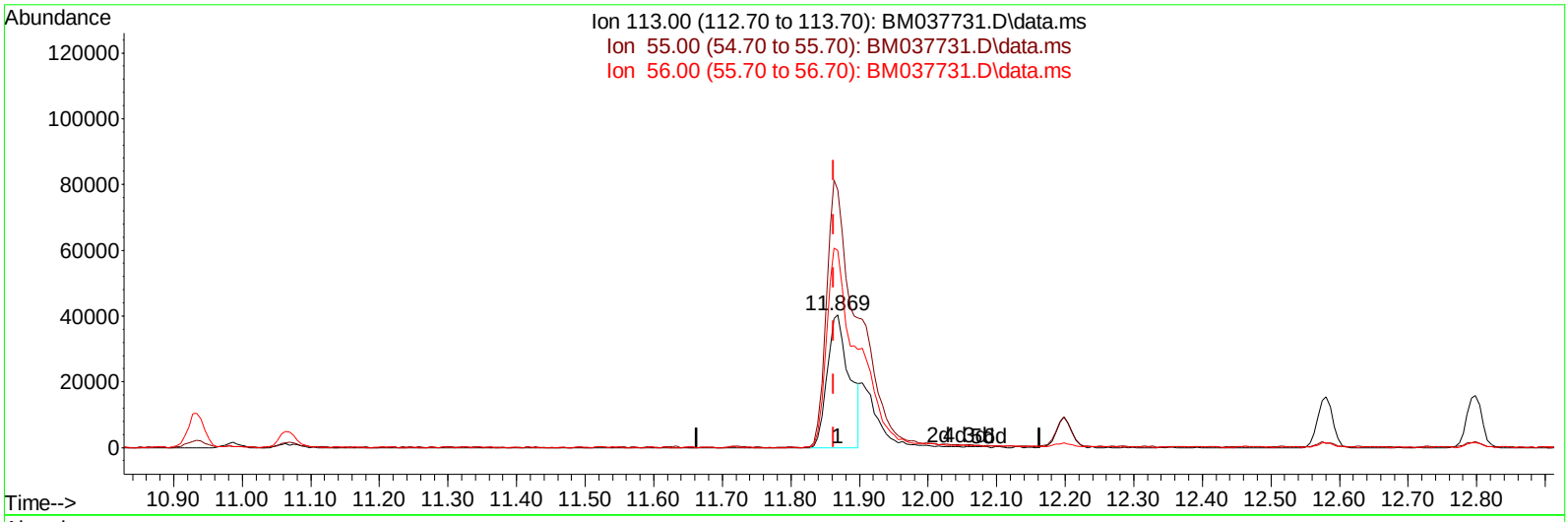
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037731.D
Acq On : 26 Nov 2022 13:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

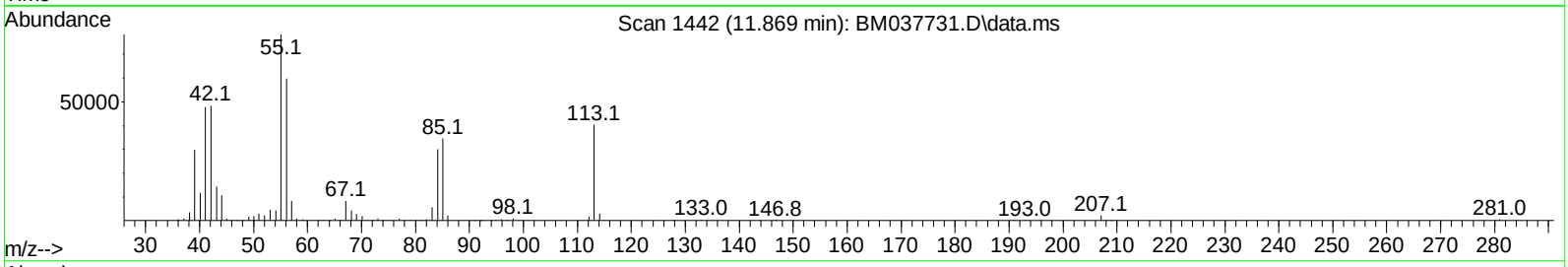
Quant Time: Nov 27 21:27:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

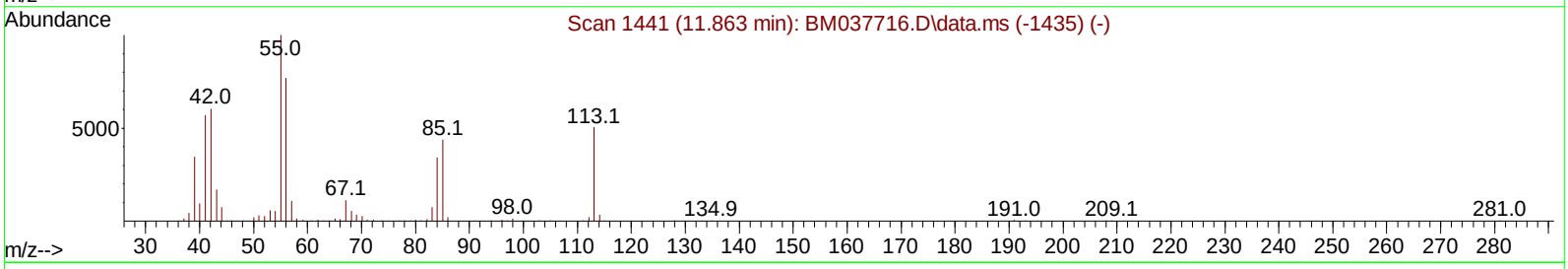
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/28/2022







TIC: BM037731.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 14.09 ng/ul

response 91355

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	194.32
56.00	150.40	148.51
0.00	0.00	0.00

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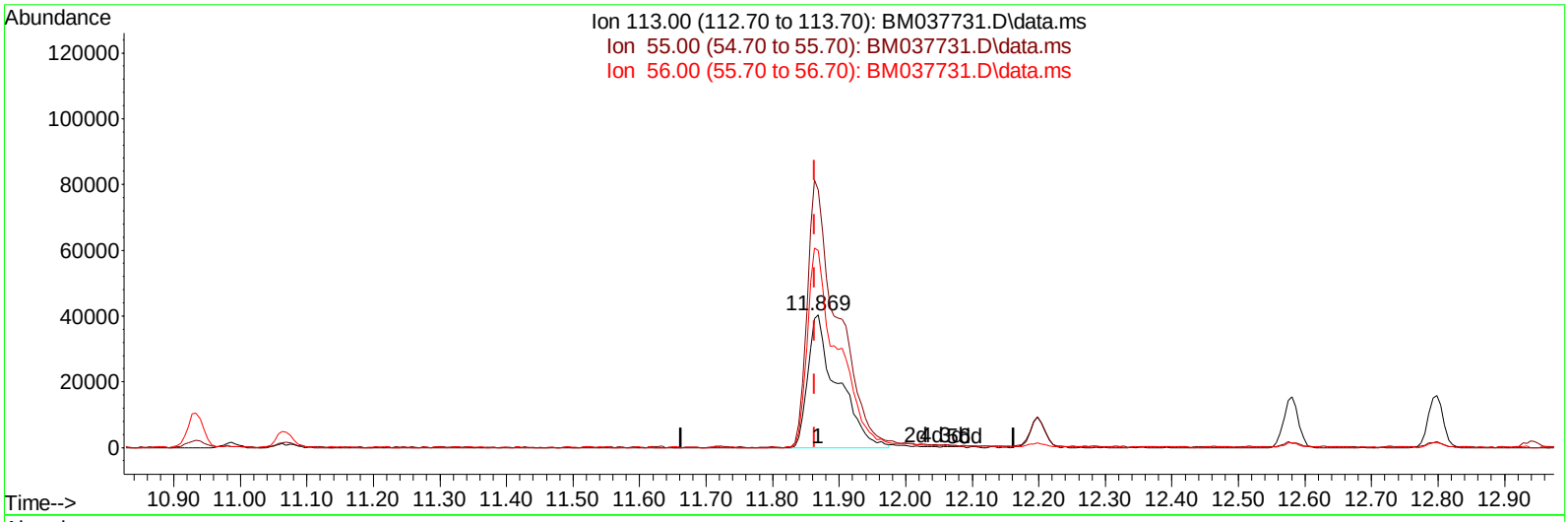

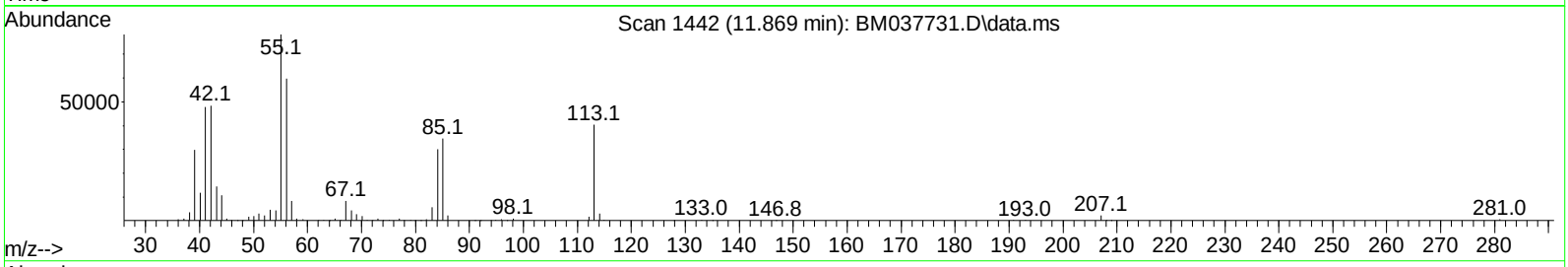

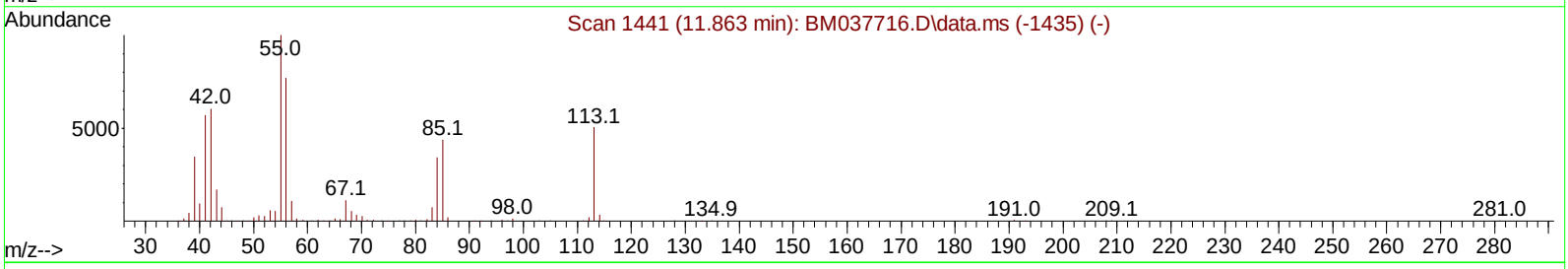

TIC: BM037731.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 19.14 ng/ul m

response 124083

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	194.32
56.00	150.40	148.51
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	8.110	152	212178	20.000	ng/ul	0.00
20) Naphthalene-d8	10.933	136	1076590	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	690326	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1409378	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1310363	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1215779	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	45784	8.949	ng/uL	0.00
4) Pyridine-d5	3.869	84	377204	22.650	ng/ul	0.00
7) Phenol-d5	7.257	99	443996	20.975	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	304902	21.593	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	318907	21.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	356146	21.143	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	178903	21.197	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	171571	20.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	315972	20.762	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	537464	21.282	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1016153	20.781	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	1229782	21.308	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	214148	19.883	ng/ul	0.00
60) Fluorene-d10	15.721	176	894329	20.884	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	136652	18.024	ng/ul	0.00
73) Anthracene-d10	17.574	188	1407182	21.351	ng/ul	0.00
81) Pyrene-d10	19.851	212	1505740	22.612	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1324205	21.160	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	49086	8.727	ng/uL#	91
5) Pyridine	3.893	79	382412	22.582	ng/ul	99
6) Benzaldehyde	7.240	77	235721	21.217	ng/ul	98
8) Phenol	7.287	94	472840	21.310	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.522	93	381150	21.189	ng/ul	99
12) 2-Chlorophenol	7.669	128	351987	21.906	ng/ul	99
13) 2-Methylphenol	8.551	108	361900	21.380	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.639	45	700395	21.556	ng/ul	99
16) Acetophenone	8.939	105	601593	21.695	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.928	70	359241	22.104	ng/ul	99
18) 4-Methylphenol	8.881	108	400026	21.390	ng/ul	97
19) Hexachloroethane	9.204	117	155718	22.407	ng/ul	94
22) Nitrobenzene	9.322	77	510196	22.170	ng/ul	96
23) Isophorone	9.851	82	974914	21.019	ng/ul	100
25) 2-Nitrophenol	10.039	139	200600	21.327	ng/ul	97
26) 2,4-Dimethylphenol	10.092	107	463706	22.448	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.334	93	555593	20.881	ng/ul	100
29) 2,4-Dichlorophenol	10.575	162	327593	21.041	ng/ul	98
30) Naphthalene	10.986	128	1263411	21.463	ng/ul	100
32) 4-Chloroaniline	11.092	127	561765	21.346	ng/ul	99
33) Hexachlorobutadiene	11.269	225	168273	20.588	ng/ul	98
34) Caprolactam	11.869	113	124083m	19.136	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	433663	21.789	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.580	142	858910	21.004	ng/ul	99
37) 1-Methylnaphthalene	12.798	142	863588	20.992	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.945	216	335565	19.797	ng/ul	95
40) Hexachlorocyclopentadiene	12.922	237	193310	18.314	ng/ul	96
41) 2,4,6-Trichlorophenol	13.174	196	243424	19.943	ng/ul	97
42) 2,4,5-Trichlorophenol	13.245	196	266893	20.436	ng/ul	97
43) 1,1'-Biphenyl	13.574	154	1112118	21.215	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	857233	21.039	ng/ul	98
45) 2-Nitroaniline	13.822	65	349772	22.643	ng/ul	97
47) Dimethylphthalate	14.186	163	1078712	20.754	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	213440	21.266	ng/ul	89
50) Acenaphthylene	14.463	152	1403822	21.518	ng/ul	99
51) 3-Nitroaniline	14.639	138	244700	20.093	ng/ul	98
52) Acenaphthene	14.798	153	1012749	21.706	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	94372	16.026	ng/ul	91
55) 4-Nitrophenol	14.933	109	216497	22.431	ng/ul	92
56) Dibenzofuran	15.133	168	1290876	21.198	ng/ul	96
57) 2,4-Dinitrotoluene	15.086	165	317546	21.562	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.351	232	213667	19.941	ng/ul	92
59) Diethylphthalate	15.545	149	1208430	21.541	ng/ul	99
61) Fluorene	15.780	166	1113764	21.113	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.768	204	470062	20.427	ng/ul	94
63) 4-Nitroaniline	15.792	138	245977	21.251	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.851	198	149453	18.574	ng/ul	96
67) N-Nitrosodiphenylamine	15.980	169	949011	21.671	ng/ul	98
68) 4-Bromophenyl-phenylether	16.663	248	209780	18.505	ng/ul	96
69) Hexachlorobenzene	16.780	284	294465	20.225	ng/ul	99
70) Atrazine	16.921	200	291080	19.583	ng/ul	98
71) Pentachlorophenol	17.121	266	179133	18.582	ng/ul	97
72) Phenanthrene	17.515	178	1763257	21.357	ng/ul	99
74) Anthracene	17.604	178	1800030	21.476	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	343424	20.369	ng/uL	99
76) Pentachlorobenzene	15.051	250	362317	20.205	ng/uL	98
77) Carbazole	17.874	167	1700569	21.341	ng/ul	98
78) Di-n-butylphthalate	18.427	149	2194733	19.027	ng/ul	99
80) Fluoranthene	19.515	202	1921701	22.591	ng/ul	98
82) Pyrene	19.880	202	2054291	22.865	ng/ul	99
83) Butylbenzylphthalate	20.762	149	1007760	24.078	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.545	252	517191	19.652	ng/ul	99
85) Benzo(a)anthracene	21.621	228	1863128	21.253	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1469460	23.238	ng/ul	99
87) Chrysene	21.674	228	1734305	21.023	ng/ul	98
89) Di-n-octyl phthalate	22.480	149	2511756	24.185	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1745498	21.119	ng/ul	100
91) Benzo(k)fluoranthene	23.409	252	1704765	21.151	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1505888	20.963	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.732	276	1596744	19.375	ng/ul	99
95) Dibenzo(a,h)anthracene	26.750	278	1434743	19.390	ng/ul	98
96) Benzo(g,h,i)perylene	27.538	276	1399875	19.507	ng/ul	99

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

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