Quantitation Report (Qedit)

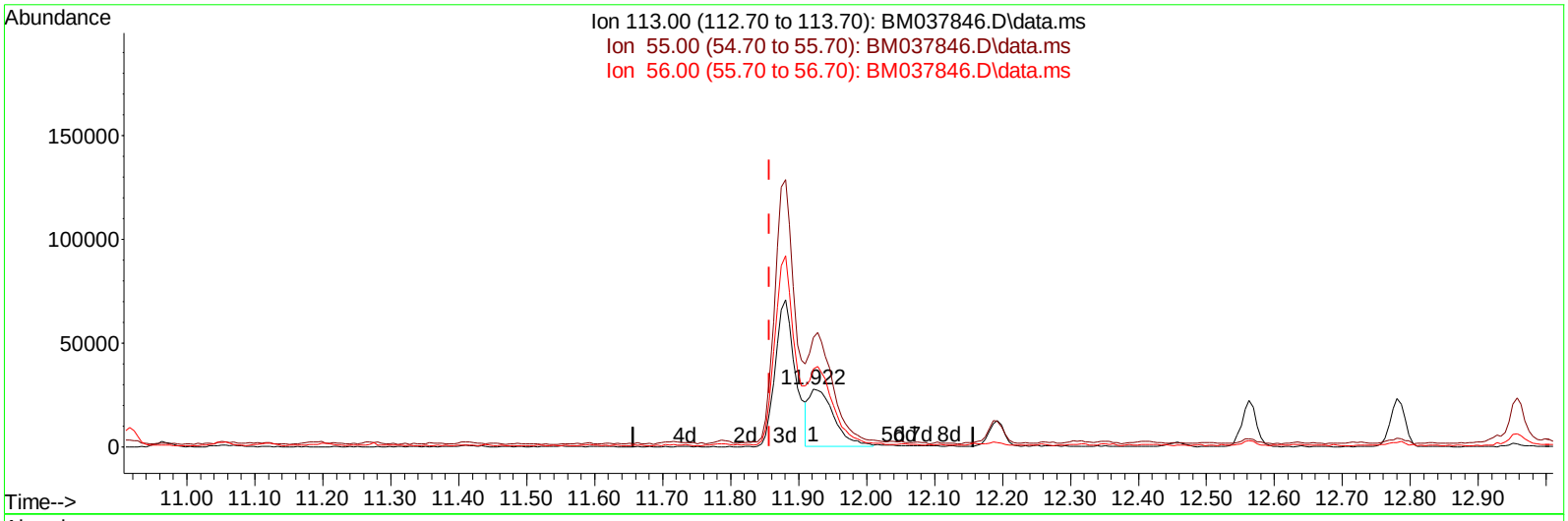
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120522\
Data File : BM037846.D
Acq On : 05 Dec 2022 16:17
Operator : CG/JU
Sample : N5738-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

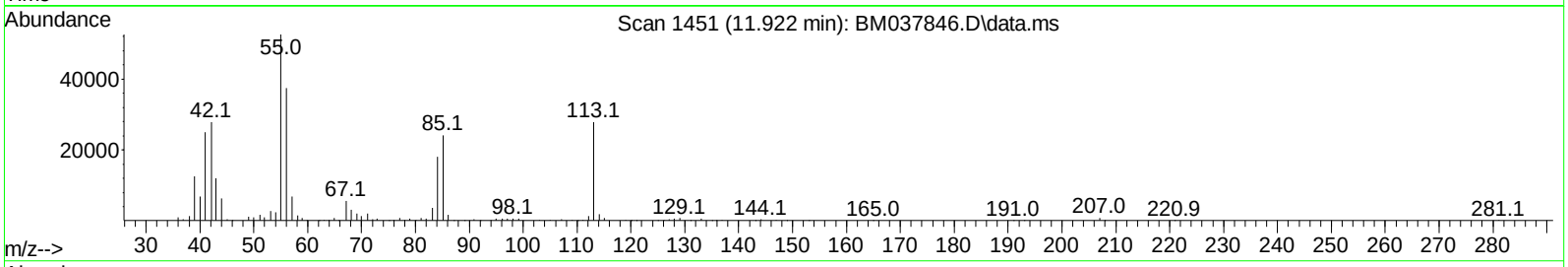
Quant Time: Dec 05 23:26:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

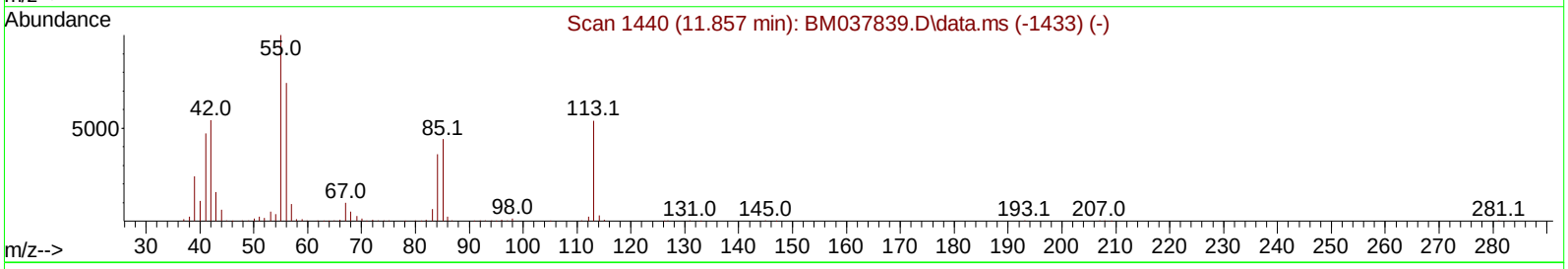
Instrument :
BNA_M
ClientSampleId :
GBNH2MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/06/2022







TIC: BM037846.D\data.ms

(34) Caprolactam

11.922min (+ 0.064) 10.13 ng/ul

response 70468

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	189.15
56.00	149.80	134.96
0.00	0.00	0.00

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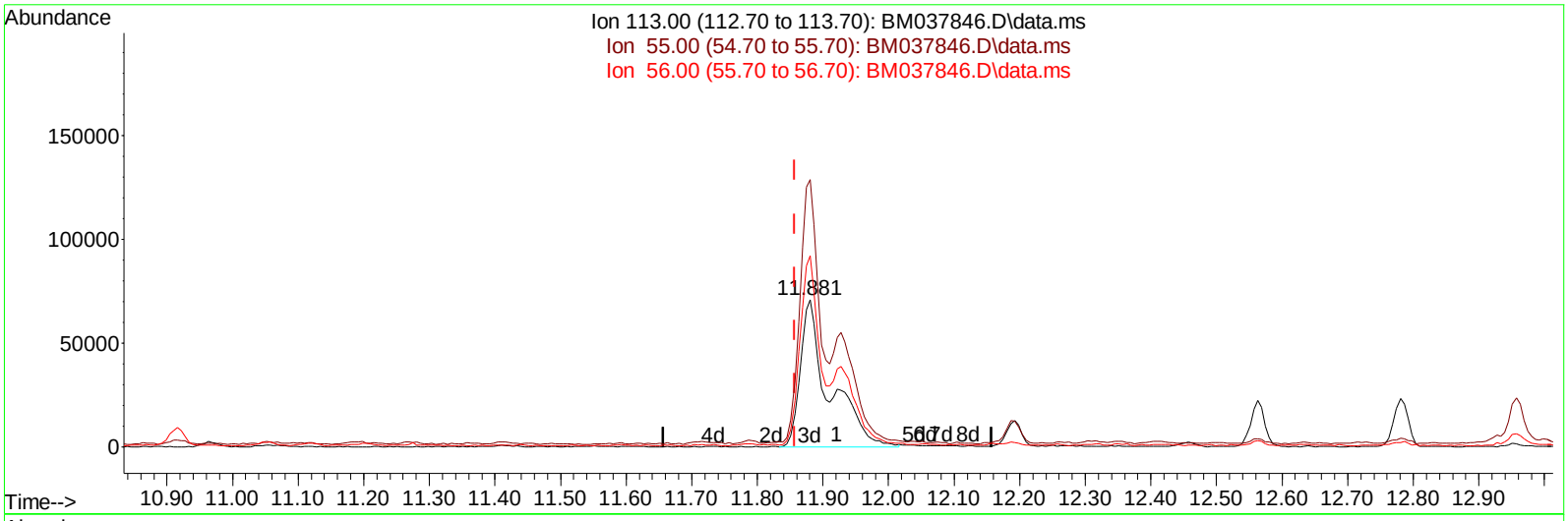

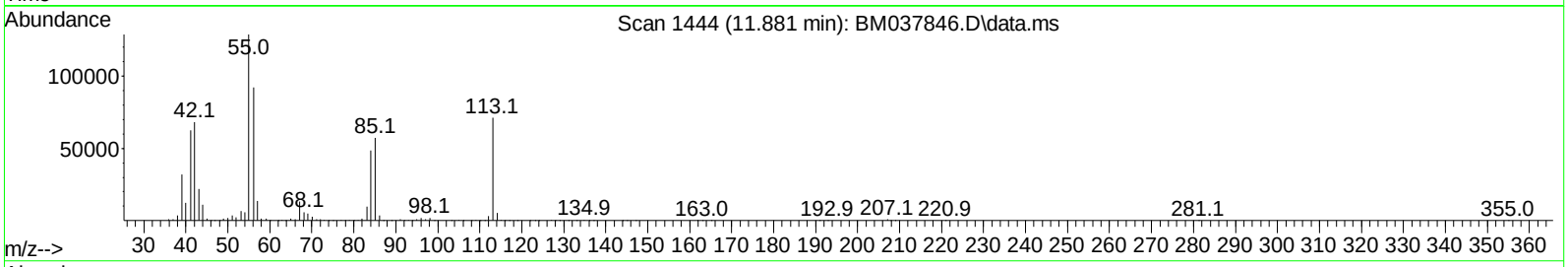

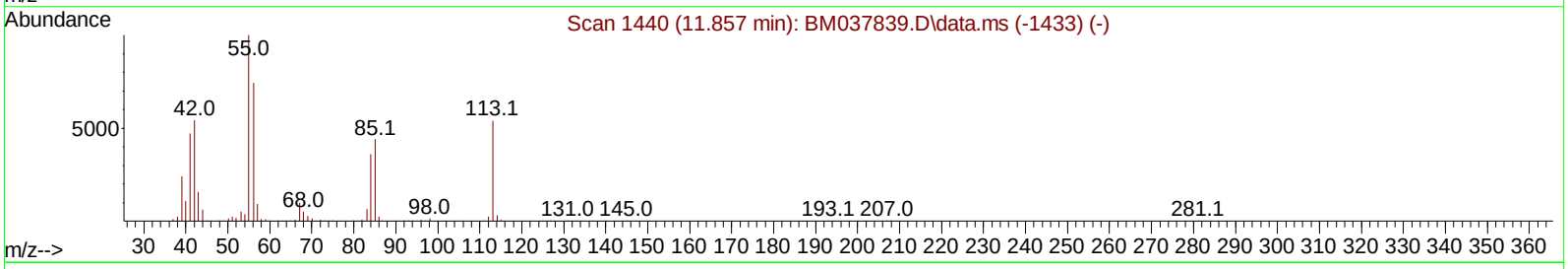

TIC: BM037846.D\data.ms

(34) Caprolactam

11.881min (+ 0.023) 31.31 ng/ul m

response 217836

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	181.32#
56.00	149.80	129.64
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	8.093	152	290101	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	1242534	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	713725	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1328609	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	812670	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	886354	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	28270	4.572	ng/uL	0.00
4) Pyridine-d5	3.869	84	326574	16.330	ng/ul	0.00
7) Phenol-d5	7.251	99	675159	25.832	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	403987	26.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	557970	28.236	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	452987	21.794	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	297767	30.168	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	317533	31.090	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	574631	30.337	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	318285	10.955	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	1557271	31.774	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	1885988	31.641	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	248823	24.460	ng/ul	0.00
60) Fluorene-d10	15.710	176	1357840	30.538	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	206224	29.466	ng/ul	0.00
73) Anthracene-d10	17.563	188	1793555	29.354	ng/ul	0.00
81) Pyrene-d10	19.845	212	1694769	40.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1321586	29.763	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	72839	10.992	ng/uL#	77
5) Pyridine	3.887	79	433262	22.095	ng/ul	93
6) Benzaldehyde	7.228	77	463477	36.821	ng/ul	97
8) Phenol	7.275	94	877710	32.861	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.510	93	681985	32.006	ng/ul	95
12) 2-Chlorophenol	7.651	128	716599	33.691	ng/ul	95
13) 2-Methylphenol	8.540	108	632895	29.711	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	1165482	29.436	ng/ul	99
16) Acetophenone	8.928	105	1195968	36.477	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.910	70	506446	30.667	ng/ul	99
18) 4-Methylphenol	8.875	108	710620	30.919	ng/ul	97
19) Hexachloroethane	9.181	117	278844	34.323	ng/ul	99
22) Nitrobenzene	9.310	77	731476	35.362	ng/ul	99
23) Isophorone	9.839	82	1485652	33.383	ng/ul	99
25) 2-Nitrophenol	10.022	139	405497	36.636	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	355494	16.709	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.316	93	925348	34.434	ng/ul	96
29) 2,4-Dichlorophenol	10.563	162	703278	36.707	ng/ul	100
30) Naphthalene	10.969	128	2386410	35.388	ng/ul	99
32) 4-Chloroaniline	11.075	127	425829	14.484	ng/ul	98
33) Hexachlorobutadiene	11.245	225	426880	35.970	ng/ul	99
34) Caprolactam	11.881	113	217836m	31.311	ng/ul	
35) 4-Chloro-3-methylphenol	12.192	107	687146	34.368	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	1592723	34.139	ng/ul	99
37) 1-Methylnaphthalene	12.780	142	1615632	34.600	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	806662	39.464	ng/ul	100
40) Hexachlorocyclopentadiene	12.904	237	362205	32.223	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	537484	40.278	ng/ul	99
42) 2,4,5-Trichlorophenol	13.239	196	570081	40.112	ng/ul	95
43) 1,1'-Biphenyl	13.563	154	2048247	39.481	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	1604650	39.415	ng/ul	99
45) 2-Nitroaniline	13.810	65	432190	37.519	ng/ul	97
47) Dimethylphthalate	14.180	163	1924238	37.696	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	402261	38.596	ng/ul	99
50) Acenaphthylene	14.451	152	2485806	37.615	ng/ul	100
51) 3-Nitroaniline	14.627	138	285623	22.960	ng/ul	97
52) Acenaphthene	14.786	153	1712979	37.407	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	187764	30.846	ng/ul	97
55) 4-Nitrophenol	14.933	109	195803	31.227	ng/ul	93
56) Dibenzofuran	15.121	168	2293867	37.206	ng/ul	99
57) 2,4-Dinitrotoluene	15.080	165	541662	37.213	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.345	232	521216	41.694	ng/ul	98
59) Diethylphthalate	15.533	149	1918380	36.645	ng/ul	100
61) Fluorene	15.769	166	1870298	36.034	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.757	204	900125	36.377	ng/ul	99
63) 4-Nitroaniline	15.786	138	303567	24.256	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.839	198	276992	38.392	ng/ul	98
67) N-Nitrosodiphenylamine	15.969	169	1562135	40.800	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	553433	40.592	ng/ul	99
69) Hexachlorobenzene	16.768	284	639954	40.195	ng/ul	98
70) Atrazine	16.921	200	408664	30.993	ng/ul	98
71) Pentachlorophenol	17.121	266	2468556	252.091	ng/ul	99
72) Phenanthrene	17.510	178	2708613	37.616	ng/ul	99
74) Anthracene	17.598	178	2618575	35.648	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.527	216	803021	44.827	ng/uL	98
76) Pentachlorobenzene	15.039	250	771087	39.565	ng/uL	99
77) Carbazole	17.868	167	2347018	34.719	ng/ul	100
78) Di-n-butylphthalate	18.415	149	3068839	36.108	ng/ul	100
80) Fluoranthene	19.509	202	2565367	49.892	ng/ul	100
82) Pyrene	19.874	202	2640883	49.743	ng/ul	99
83) Butylbenzylphthalate	20.756	149	1055044	45.579	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.550	252	19167	1.126	ng/ul#	81
85) Benzo(a)anthracene	21.621	228	2058827	39.597	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1526004	43.629	ng/ul	99
87) Chrysene	21.674	228	1970474	40.712	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	2378088	37.282	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2060770	36.204	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	2011965	36.640	ng/ul	100
93) Benzo(a)pyrene	24.015	252	1745985	35.371	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.738	276	2303052	41.500	ng/ul	98
95) Dibenzo(a,h)anthracene	26.756	278	2057094	40.727	ng/ul	100
96) Benzo(g,h,i)perylene	27.550	276	1671634	34.517	ng/ul	98

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

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