Quantitation Report (Qedit)

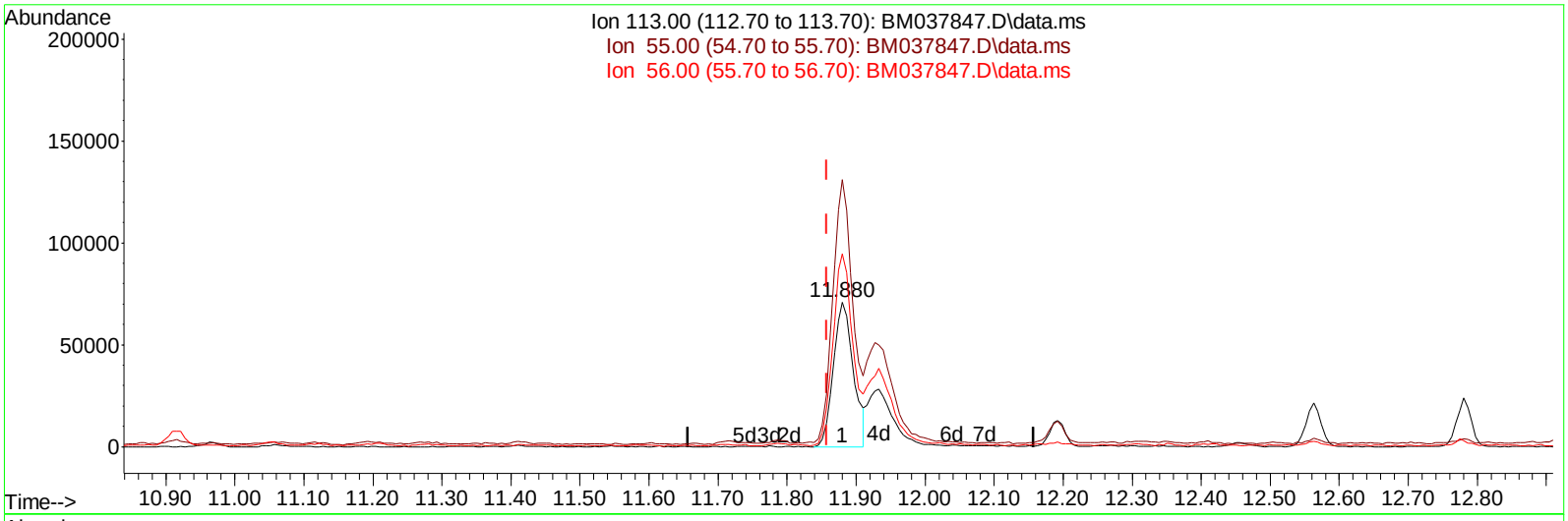
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120522\
Data File : BM037847.D
Acq On : 05 Dec 2022 16:53
Operator : CG/JU
Sample : N5738-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

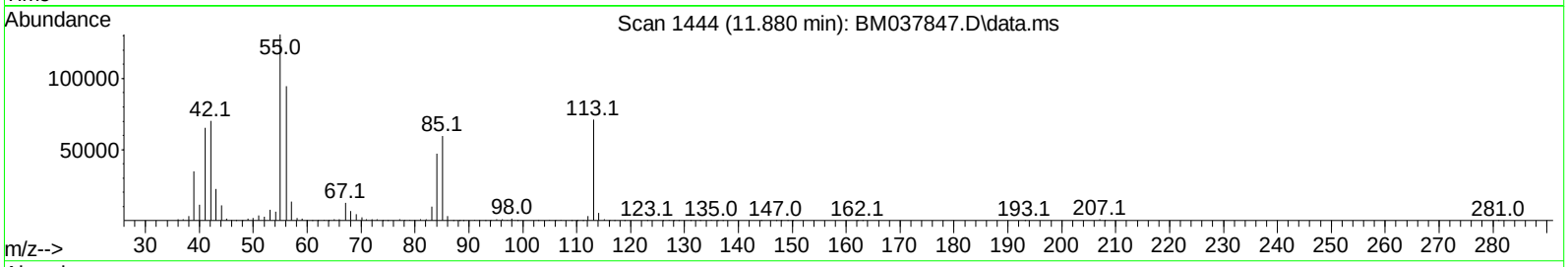
Quant Time: Dec 05 23:26:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

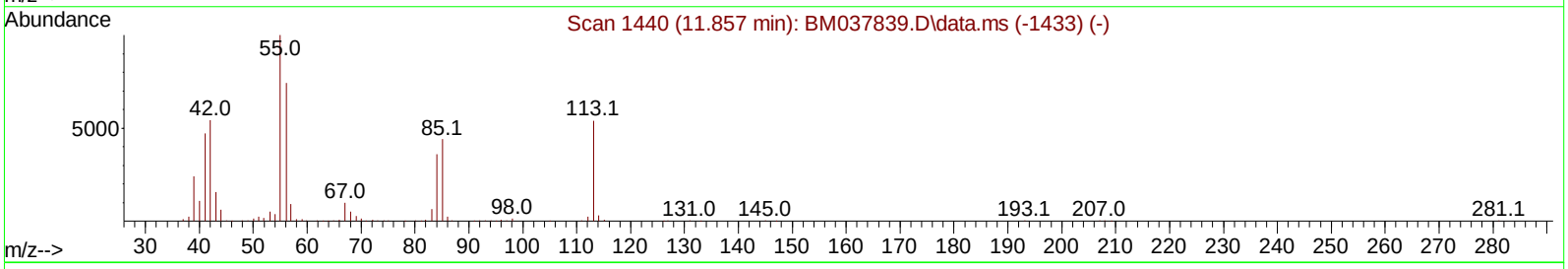
Instrument :
BNA_M
ClientSampleId :
GBNH2MSD

Manual IntegrationsAPPROVED

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







TIC: BM037847.D\data.ms

(34) Caprolactam

11.880min (+ 0.023) 21.37 ng/ul

response 142860

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	184.50#
56.00	149.80	133.43
0.00	0.00	0.00

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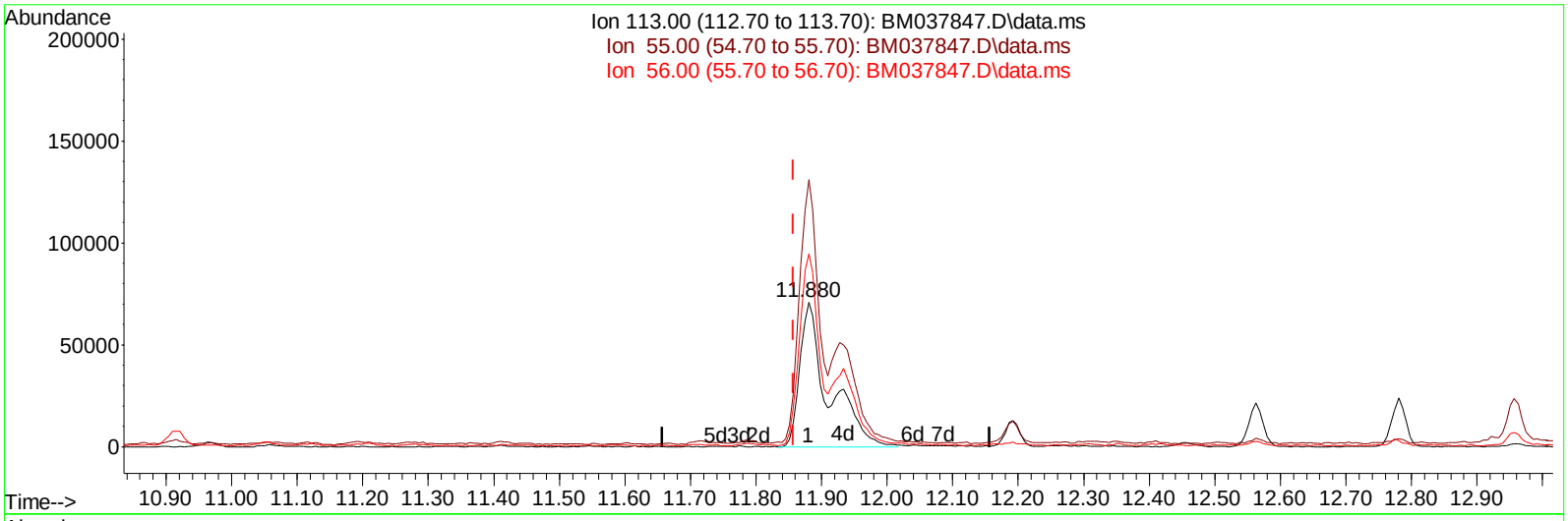

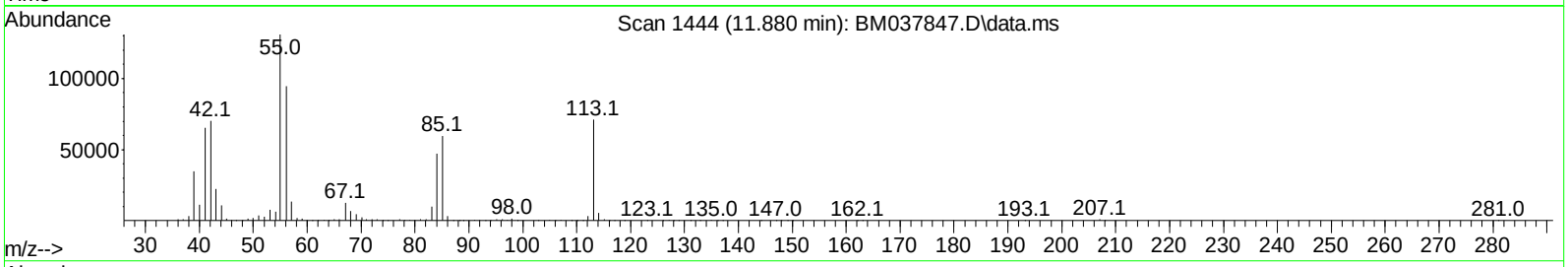

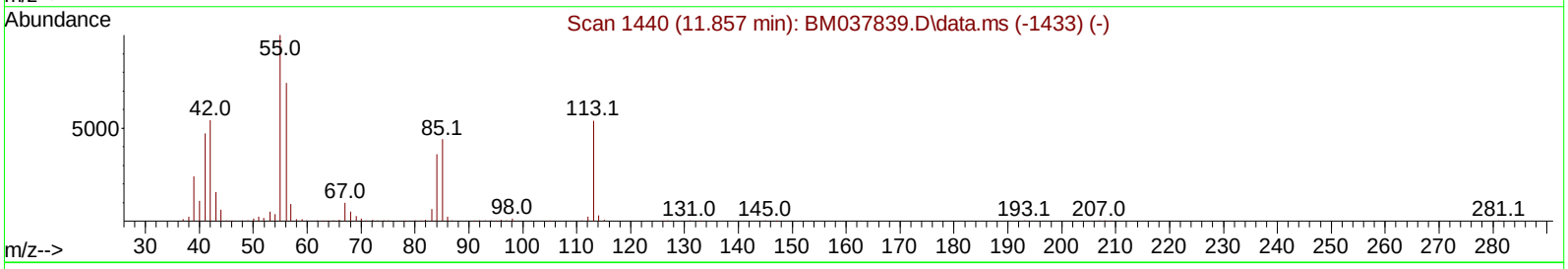

TIC: BM037847.D\data.ms

(34) Caprolactam

11.880min (+ 0.023) 32.11 ng/ul m

response 214670

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	184.50#
56.00	149.80	133.43
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	8.092	152	279870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	1193866	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	695776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	1334827	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	806603	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	868465	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	27613	4.629	ng/uL	0.00
4) Pyridine-d5	3.869	84	315654	16.361	ng/ul	0.00
7) Phenol-d5	7.251	99	656046	26.018	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	392129	26.656	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	541106	28.383	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	443549	22.120	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	292736	30.868	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	312215	31.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	564840	31.036	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	314417	11.263	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	1532541	32.076	ng/ul	0.00
49) Acenaphthylene-d8	14.421	160	1860168	32.013	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	253138	25.526	ng/ul	0.01
60) Fluorene-d10	15.710	176	1358939	31.352	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	209420	29.783	ng/ul	0.00
73) Anthracene-d10	17.562	188	1828590	29.788	ng/ul	0.00
81) Pyrene-d10	19.845	212	1723120	41.242	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	1309379	30.095	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	73089	11.433	ng/uL#	75
5) Pyridine	3.887	79	420579	22.233	ng/ul	96
6) Benzaldehyde	7.228	77	448779	36.956	ng/ul	97
8) Phenol	7.275	94	858076	33.300	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.510	93	664904	32.345	ng/ul	94
12) 2-Chlorophenol	7.657	128	697697	34.002	ng/ul	96
13) 2-Methylphenol	8.539	108	615236	29.938	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1124478	29.438	ng/ul	98
16) Acetophenone	8.928	105	1165281	36.841	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.910	70	492768	30.929	ng/ul	98
18) 4-Methylphenol	8.875	108	694012	31.301	ng/ul	96
19) Hexachloroethane	9.181	117	269403	34.373	ng/ul	98
22) Nitrobenzene	9.310	77	708788	35.662	ng/ul	98
23) Isophorone	9.839	82	1456990	34.073	ng/ul	100
25) 2-Nitrophenol	10.028	139	399328	37.550	ng/ul	96
26) 2,4-Dimethylphenol	10.081	107	342497	16.754	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.316	93	897698	34.766	ng/ul	98
29) 2,4-Dichlorophenol	10.563	162	686075	37.269	ng/ul	98
30) Naphthalene	10.969	128	2328032	35.930	ng/ul	100
32) 4-Chloroaniline	11.080	127	428616	15.173	ng/ul	97
33) Hexachlorobutadiene	11.245	225	414789	36.376	ng/ul	98
34) Caprolactam	11.880	113	214670m	32.114	ng/ul	
35) 4-Chloro-3-methylphenol	12.192	107	681835	35.493	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	1564089	34.892	ng/ul	99
37) 1-Methylnaphthalene	12.780	142	1579049	35.195	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.927	216	791570	39.724	ng/ul	99
40) Hexachlorocyclopentadiene	12.904	237	347574	31.719	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	532151	40.907	ng/ul	98
42) 2,4,5-Trichlorophenol	13.239	196	572126	41.294	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	2003887	39.622	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	1571655	39.601	ng/ul	99
45) 2-Nitroaniline	13.810	65	428743	38.180	ng/ul	99
47) Dimethylphthalate	14.180	163	1902944	38.240	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	396552	39.030	ng/ul	99
50) Acenaphthylene	14.451	152	2451990	38.060	ng/ul	100
51) 3-Nitroaniline	14.627	138	288063	23.754	ng/ul	98
52) Acenaphthene	14.786	153	1698385	38.045	ng/ul	98
53) 2,4-Dinitrophenol	14.833	184	189247	31.892	ng/ul	96
55) 4-Nitrophenol	14.933	109	195736	32.021	ng/ul	94
56) Dibenzofuran	15.121	168	2288135	38.070	ng/ul	100
57) 2,4-Dinitrotoluene	15.080	165	542928	38.262	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.345	232	522055	42.839	ng/ul	97
59) Diethylphthalate	15.533	149	1906199	37.351	ng/ul	100
61) Fluorene	15.768	166	1873800	37.033	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	896646	37.171	ng/ul	99
63) 4-Nitroaniline	15.786	138	311202	25.508	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.839	198	275144	37.958	ng/ul	97
67) N-Nitrosodiphenylamine	15.968	169	1550847	40.317	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	556296	40.612	ng/ul	99
69) Hexachlorobenzene	16.768	284	653243	40.838	ng/ul	99
70) Atrazine	16.921	200	417484	31.514	ng/ul	98
71) Pentachlorophenol	17.121	266	2509318	255.060	ng/ul	99
72) Phenanthrene	17.504	178	2750831	38.024	ng/ul	100
74) Anthracene	17.598	178	2657724	36.012	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.527	216	781602	43.428	ng/uL	99
76) Pentachlorobenzene	15.039	250	767052	39.174	ng/uL	99
77) Carbazole	17.868	167	2398988	35.323	ng/ul	100
78) Di-n-butylphthalate	18.415	149	3149528	36.885	ng/ul	100
80) Fluoranthene	19.509	202	2630176	51.538	ng/ul	99
82) Pyrene	19.874	202	2689648	51.043	ng/ul	100
83) Butylbenzylphthalate	20.756	149	1085096	47.229	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.544	252	24184	1.431	ng/ul#	87
85) Benzo(a)anthracene	21.615	228	2064928	40.013	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	1587186	45.719	ng/ul	98
87) Chrysene	21.668	228	1955072	40.698	ng/ul	100
89) Di-n-octyl phthalate	22.474	149	2394643	38.315	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	2015168	36.132	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	2009749	37.354	ng/ul	99
93) Benzo(a)pyrene	24.009	252	1733864	35.849	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.738	276	2268273	41.716	ng/ul	98
95) Dibenzo(a,h)anthracene	26.756	278	2037410	41.169	ng/ul	99
96) Benzo(g,h,i)perylene	27.544	276	1646372	34.696	ng/ul	98

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

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