Quantitation Report (Qedit)

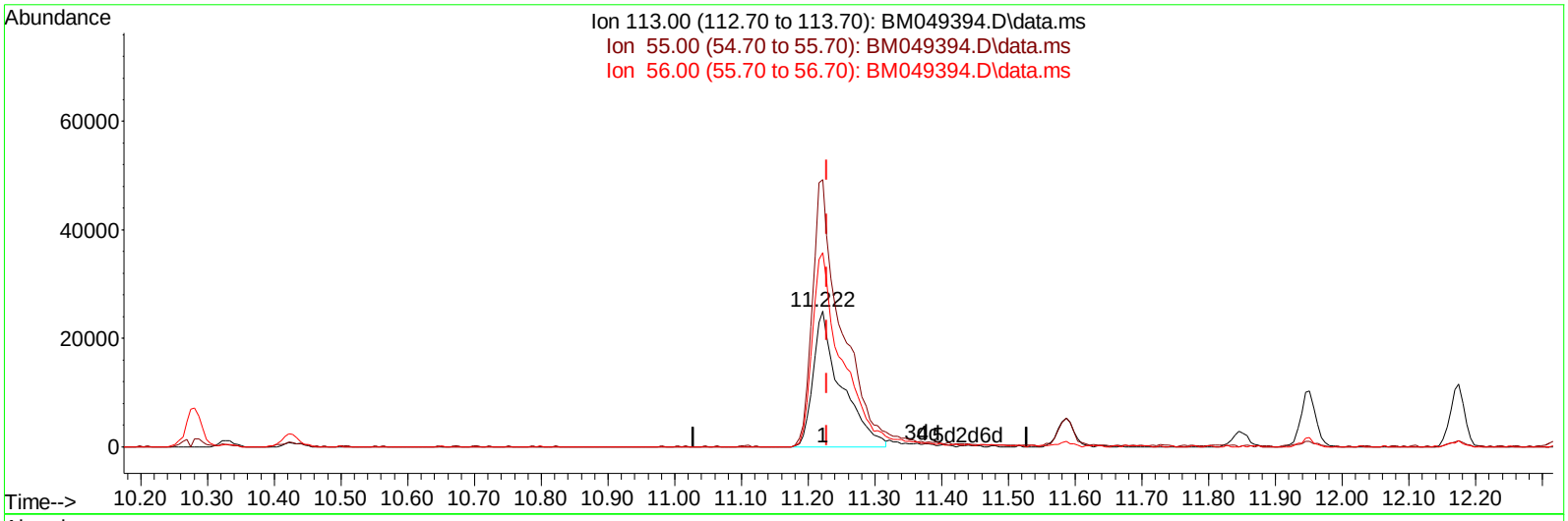
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049394.D
Acq On : 22 Jan 2025 22:02
Operator : RC/JU
Sample : PB166160BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

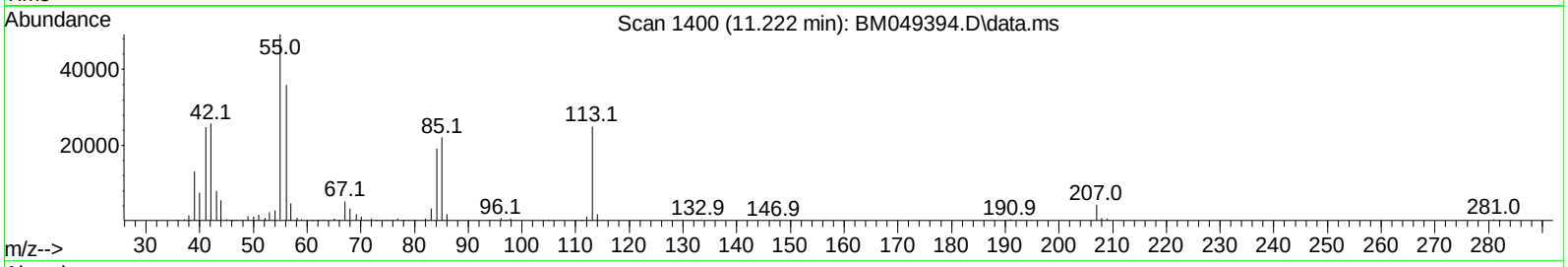
Quant Time: Jan 22 23:03:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

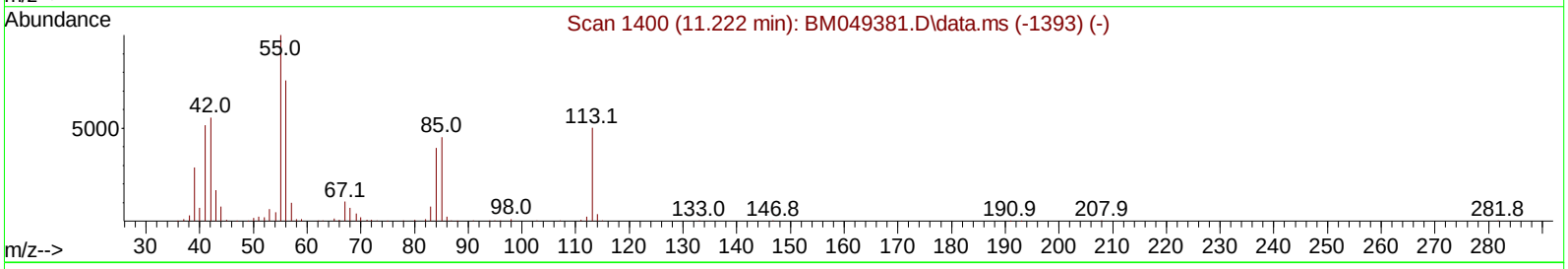
Instrument :
BNA_M
ClientSampleId :
SLCS160

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049394.D\data.ms

(34) Caprolactam

11.222min (-0.006) 15.14 ng/ul

response 72297

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	196.90
56.00	143.50	143.36
0.00	0.00	0.00

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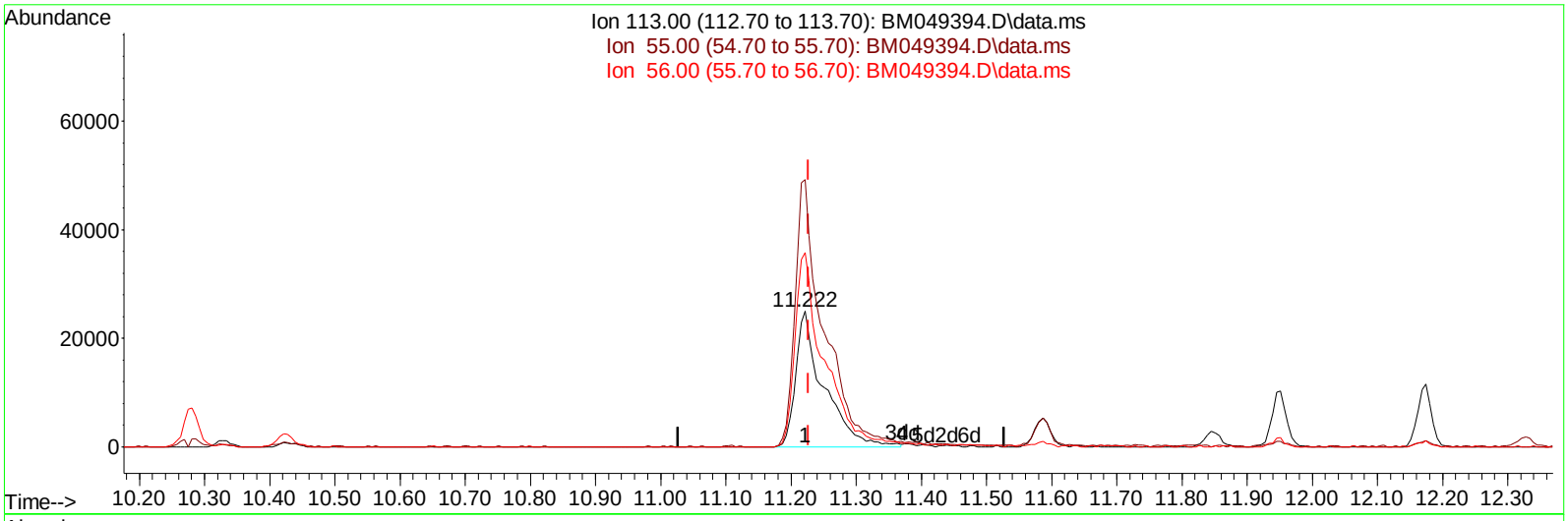

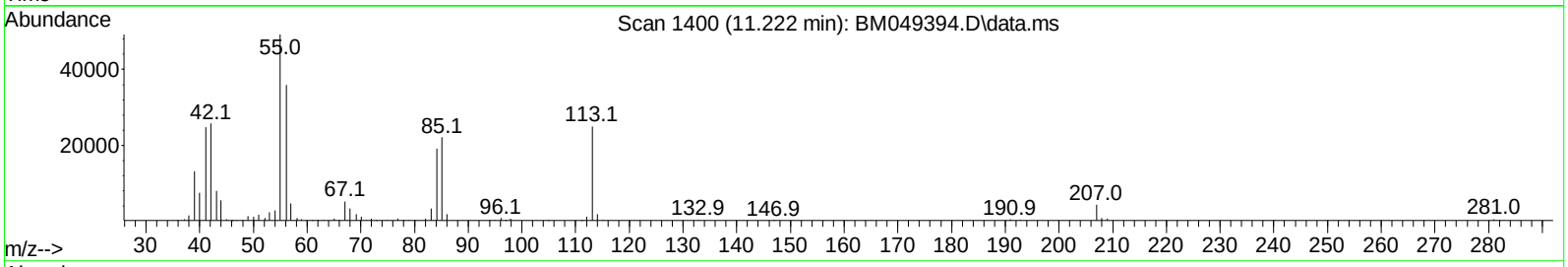

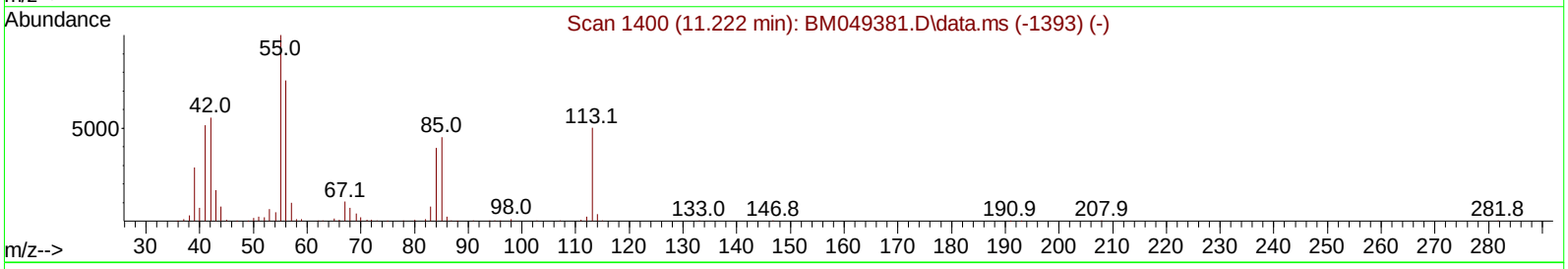

TIC: BM049394.D\data.ms

(34) Caprolactam

11.222min (-0.006) 15.61 ng/ul m

response 74524

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	196.90
56.00	143.50	143.36
0.00	0.00	0.00

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Sample : PB166160BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	246151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	925469	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	598671	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1163777	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1098780	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1072296	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	24822	4.172	ng/uL	0.00
4) Pyridine-d5	3.522	84	387144	20.441	ng/ul	0.01
7) Phenol-d5	6.716	99	419859	20.319	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	274601	19.958	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	328340	20.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	301154	18.795	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	138722	19.656	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	151961	19.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	333255	20.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	341702	16.130	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	855699	19.204	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1029559	20.240	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	122252	16.568	ng/ul	-0.01
60) Fluorene-d10	15.157	176	773774	20.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	124006	16.720	ng/ul	0.00
73) Anthracene-d10	17.010	188	1162233	20.202	ng/ul	0.00
81) Pyrene-d10	19.309	212	1275259	19.070	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1158348	20.123	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	52627	8.074	ng/uL#	93
5) Pyridine	3.540	79	404155	21.110	ng/ul	98
6) Benzaldehyde	6.681	77	56230	5.048	ng/ul	97
8) Phenol	6.740	94	444320	20.682	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.963	93	345377	19.742	ng/ul	100
12) 2-Chlorophenol	7.093	128	347129	21.127	ng/ul	99
13) 2-Methylphenol	7.969	108	304036	19.370	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	553660	21.116	ng/ul	99
16) Acetophenone	8.334	105	496479	18.972	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.328	70	274539	19.423	ng/ul	94
18) 4-Methylphenol	8.298	108	331008	19.248	ng/ul	99
19) Hexachloroethane	8.581	117	144760	20.505	ng/ul	98
22) Nitrobenzene	8.704	77	387088	21.172	ng/ul	98
23) Isophorone	9.234	82	687211	19.344	ng/ul	99
25) 2-Nitrophenol	9.410	139	168235	19.402	ng/ul	96
26) 2,4-Dimethylphenol	9.481	107	327145	20.160	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.716	93	435013	19.923	ng/ul	100
29) 2,4-Dichlorophenol	9.940	162	335768	20.934	ng/ul	99
30) Naphthalene	10.328	128	1000572	20.372	ng/ul	99
32) 4-Chloroaniline	10.451	127	213779	10.583	ng/ul	99
33) Hexachlorobutadiene	10.622	225	239328	20.898	ng/ul	99
34) Caprolactam	11.222	113	74524m	15.608	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	284713	18.985	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.951	142	691171	19.666	ng/ul	98
37) 1-Methylnaphthalene	12.175	142	687502	19.660	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.328	216	431470	20.821	ng/ul	99
40) Hexachlorocyclopentadiene	12.310	237	212545	17.095	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	261160	20.487	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	283278	20.734	ng/ul	98
43) 1,1'-Biphenyl	12.986	154	903051	20.602	ng/ul	98
44) 2-Chloronaphthalene	13.022	162	737534	21.040	ng/ul	98
45) 2-Nitroaniline	13.233	65	189185	20.453	ng/ul	92
47) Dimethylphthalate	13.628	163	868899	19.713	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	162223	19.727	ng/ul	98
50) Acenaphthylene	13.875	152	1066241	20.446	ng/ul	99
51) 3-Nitroaniline	14.075	138	140246	17.382	ng/ul	97
52) Acenaphthene	14.222	153	766179	20.563	ng/ul	98
53) 2,4-Dinitrophenol	14.280	184	71337	13.851	ng/ul	98
55) 4-Nitrophenol	14.398	109	95246	17.505	ng/ul	98
56) Dibenzofuran	14.563	168	1091171	20.623	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	237153	19.434	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.792	232	220520	19.107	ng/ul	99
59) Diethylphthalate	15.004	149	841159	19.581	ng/ul	98
61) Fluorene	15.216	166	906742	20.975	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.216	204	485464	20.606	ng/ul	98
63) 4-Nitroaniline	15.239	138	143317	19.742	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.298	198	140874	17.420	ng/ul#	92
67) N-Nitrosodiphenylamine	15.433	169	714020	20.678	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	269891	20.395	ng/ul	100
69) Hexachlorobenzene	16.216	284	303573	19.725	ng/ul	96
70) Atrazine	16.398	200	246653	17.472	ng/ul	98
71) Pentachlorophenol	16.568	266	177041	17.363	ng/ul	97
72) Phenanthrene	16.951	178	1322803	20.446	ng/ul	99
74) Anthracene	17.039	178	1346172	20.729	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	416359	21.407	ng/uL	99
76) Pentachlorobenzene	14.480	250	388140	19.993	ng/uL	98
77) Carbazole	17.315	167	1111155	19.285	ng/ul	100
78) Di-n-butylphthalate	17.898	149	1351479	19.143	ng/ul	99
80) Fluoranthene	18.974	202	1486896	19.351	ng/ul	97
82) Pyrene	19.345	202	1604478	19.616	ng/ul	99
83) Butylbenzylphthalate	20.268	149	532986	18.405	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.056	252	364188	17.700	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1554605	20.302	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	806041	18.716	ng/ul	99
87) Chrysene	21.180	228	1443556	20.650	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1259465	16.123	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1407286	19.608	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1459203	20.391	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1329509	20.508	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1658680	22.304	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	1354300	22.359	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	1280946	23.074	ng/ul	98

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

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