Quantitation Report (Qedit)

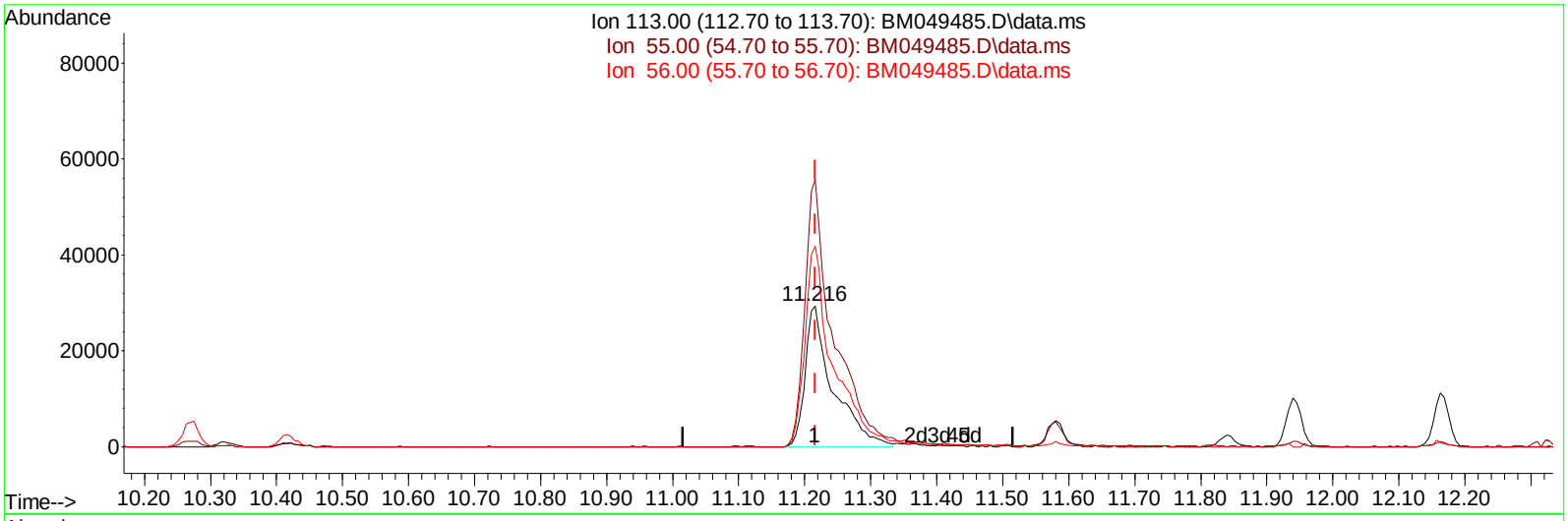
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049485.D
Acq On : 29 Jan 2025 01:54
Operator : RC/JU
Sample : PB166286BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

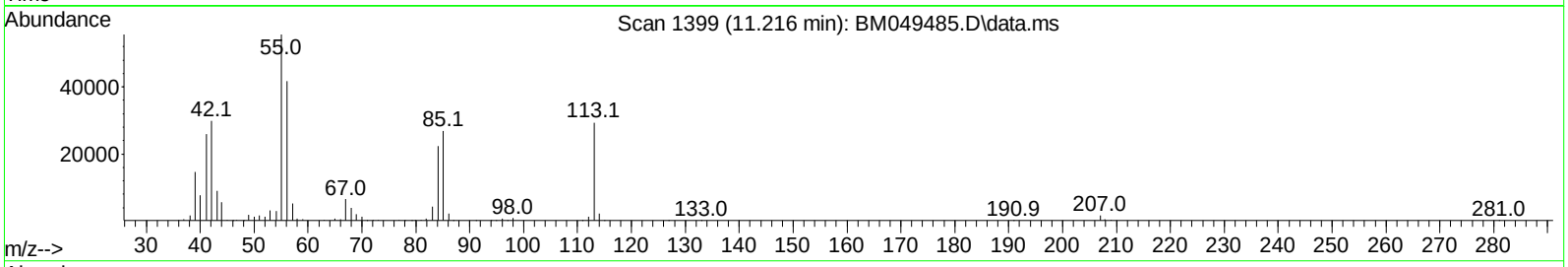
Quant Time: Jan 29 07:34:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

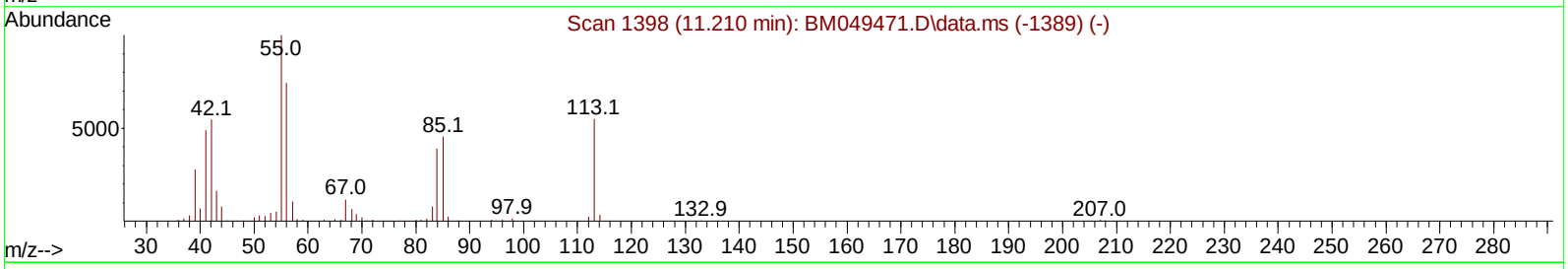
Instrument :
BNA_M
ClientSampleId :
SLCS286

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/05/2025







TIC: BM049485.D\data.ms

(34) Caprolactam

11.216min (-0.000) 25.25 ng/ul

response 86401

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	189.49
56.00	134.80	142.09
0.00	0.00	0.00

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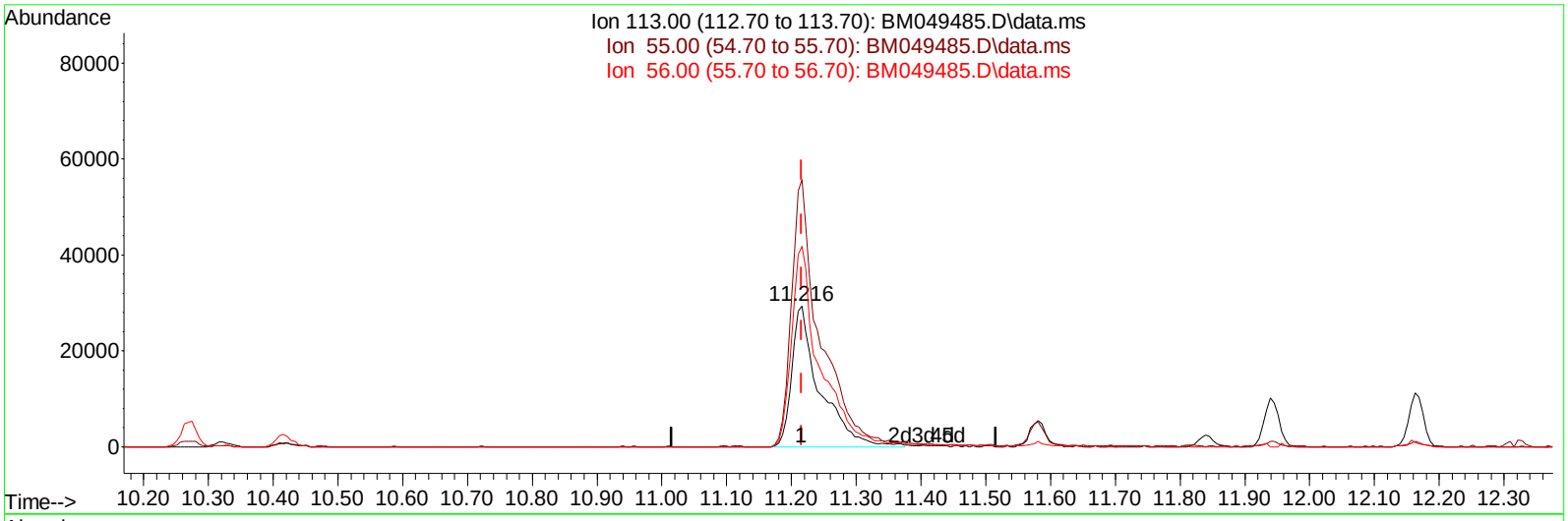

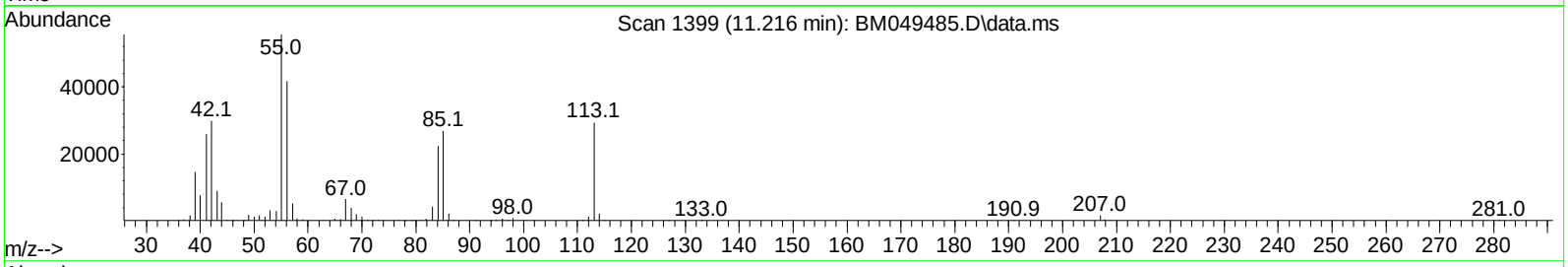

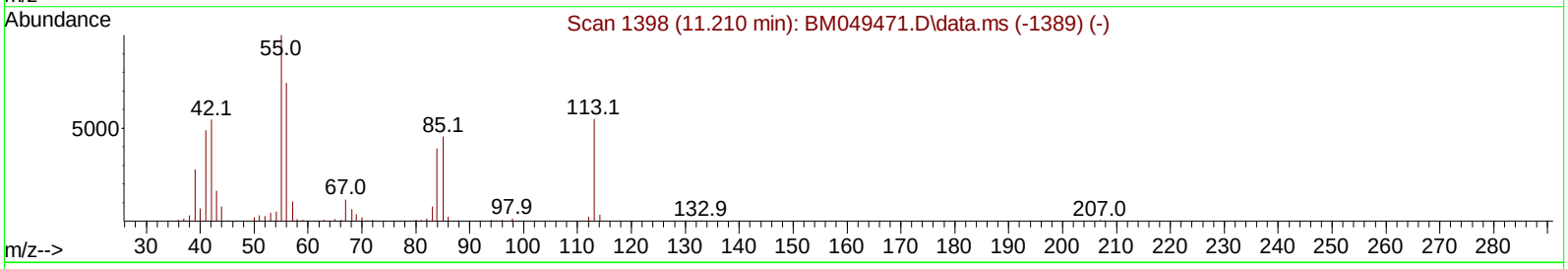

TIC: BM049485.D\data.ms

(34) Caprolactam

11.216min (-0.000) 25.65 ng/ul m

response 87783

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	189.49
56.00	134.80	142.09
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB166286BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 29 07:52:51 2025
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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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	7.510	152	197455	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	724784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	460795	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	906059	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	921680	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	928714	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	25939	4.867	ng/uL	0.00
4) Pyridine-d5	3.516	84	409927	26.180	ng/ul	0.00
7) Phenol-d5	6.710	99	442227	27.599	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	287710	26.259	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	348470	28.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	321085	27.351	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	148433	26.770	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	165131	27.303	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	356069	28.850	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	371634	23.474	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	923190	27.324	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1085550	27.346	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	146354	26.406	ng/ul	0.00
60) Fluorene-d10	15.151	176	806545	27.146	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	146854	25.721	ng/ul	0.00
73) Anthracene-d10	17.004	188	1263612	27.928	ng/ul	0.00
81) Pyrene-d10	19.309	212	1458803	27.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1372556	27.710	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	54606	9.751	ng/uL	88
5) Pyridine	3.534	79	432724	26.948	ng/ul	97
6) Benzaldehyde	6.675	77	23611	2.683	ng/ul	96
8) Phenol	6.734	94	465749	27.693	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.951	93	359781	26.233	ng/ul	99
12) 2-Chlorophenol	7.087	128	362383	28.302	ng/ul	99
13) 2-Methylphenol	7.963	108	322910	27.399	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	569531	26.959	ng/ul	100
16) Acetophenone	8.328	105	514085	26.334	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.316	70	282394	27.582	ng/ul	98
18) 4-Methylphenol	8.287	108	345258	27.142	ng/ul	98
19) Hexachloroethane	8.569	117	151503	26.930	ng/ul	99
22) Nitrobenzene	8.698	77	402262	27.161	ng/ul	99
23) Isophorone	9.222	82	722110	27.267	ng/ul	99
25) 2-Nitrophenol	9.398	139	184623	27.492	ng/ul	96
26) 2,4-Dimethylphenol	9.475	107	344248	27.856	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.704	93	446963	26.947	ng/ul	98
29) 2,4-Dichlorophenol	9.934	162	350986	28.289	ng/ul	99
30) Naphthalene	10.322	128	1031840	26.739	ng/ul	99
32) 4-Chloroaniline	10.439	127	203984	13.466	ng/ul	100
33) Hexachlorobutadiene	10.610	225	249842	26.863	ng/ul	98
34) Caprolactam	11.216	113	87783m	25.649	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	311871	29.094	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	715562	27.189	ng/ul	99
37) 1-Methylnaphthalene	12.163	142	715419	27.574	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.322	216	455593	26.822	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	233337	23.417	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	280160	27.968	ng/ul	98
42) 2,4,5-Trichlorophenol	12.645	196	305858	29.052	ng/ul	97
43) 1,1'-Biphenyl	12.975	154	921180	26.348	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	755452	26.652	ng/ul	99
45) 2-Nitroaniline	13.228	65	200517	28.161	ng/ul	97
47) Dimethylphthalate	13.622	163	923953	27.529	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	175593	29.090	ng/ul	97
50) Acenaphthylene	13.869	152	1101931	27.019	ng/ul	99
51) 3-Nitroaniline	14.069	138	162822	27.155	ng/ul	99
52) Acenaphthene	14.216	153	789628	27.119	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	89378	23.947	ng/ul	94
55) 4-Nitrophenol	14.392	109	110277	27.194	ng/ul	97
56) Dibenzofuran	14.557	168	1122233	27.031	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	265154	29.375	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.786	232	246124	28.707	ng/ul	99
59) Diethylphthalate	14.998	149	893210	28.035	ng/ul	99
61) Fluorene	15.210	166	931911	27.778	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	501064	27.535	ng/ul	96
63) 4-Nitroaniline	15.239	138	177820	32.115	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.298	198	161543	25.814	ng/ul	98
67) N-Nitrosodiphenylamine	15.427	169	750005	27.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	288199	27.857	ng/ul	95
69) Hexachlorobenzene	16.216	284	333702	27.932	ng/ul	100
70) Atrazine	16.392	200	270329	25.427	ng/ul	98
71) Pentachlorophenol	16.563	266	205701	27.344	ng/ul	99
72) Phenanthrene	16.945	178	1423120	27.903	ng/ul	100
74) Anthracene	17.039	178	1435266	27.938	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.933	216	433347	26.462	ng/uL	100
76) Pentachlorobenzene	14.475	250	409701	26.164	ng/uL	99
77) Carbazole	17.315	167	1265387	27.559	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1506477	28.726	ng/ul	99
80) Fluoranthene	18.974	202	1674751	27.214	ng/ul	100
82) Pyrene	19.339	202	1801169	27.202	ng/ul	100
83) Butylbenzylphthalate	20.268	149	628556	28.187	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.056	252	485073	27.718	ng/ul	100
85) Benzo(a)anthracene	21.121	228	1785714	27.581	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	947273	28.910	ng/ul	99
87) Chrysene	21.180	228	1659410	27.598	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1495740	26.329	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1669694	27.737	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	1671064	27.471	ng/ul	100
93) Benzo(a)pyrene	23.786	252	1558063	27.591	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	1983067	28.332	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	1630063	28.740	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	1505221	28.284	ng/ul	99

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

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