Quantitation Report (Qedit)

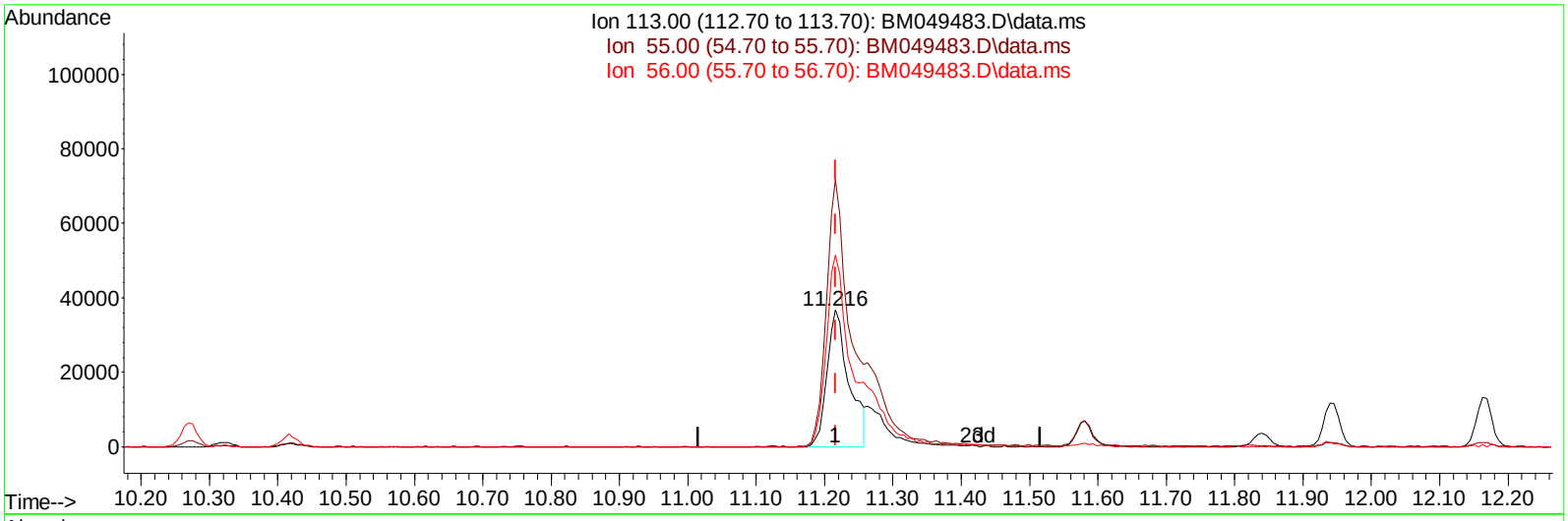
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049483.D
Acq On : 29 Jan 2025 00:35
Operator : RC/JU
Sample : PB166311BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

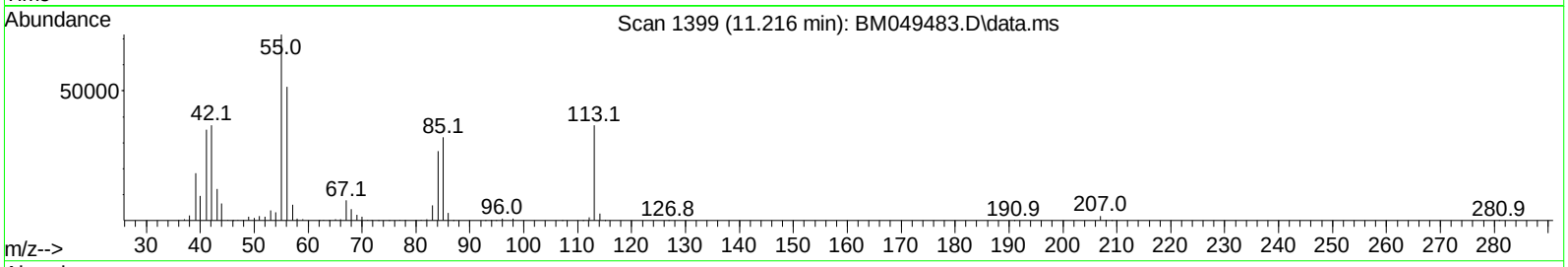
Quant Time: Jan 29 07:33:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

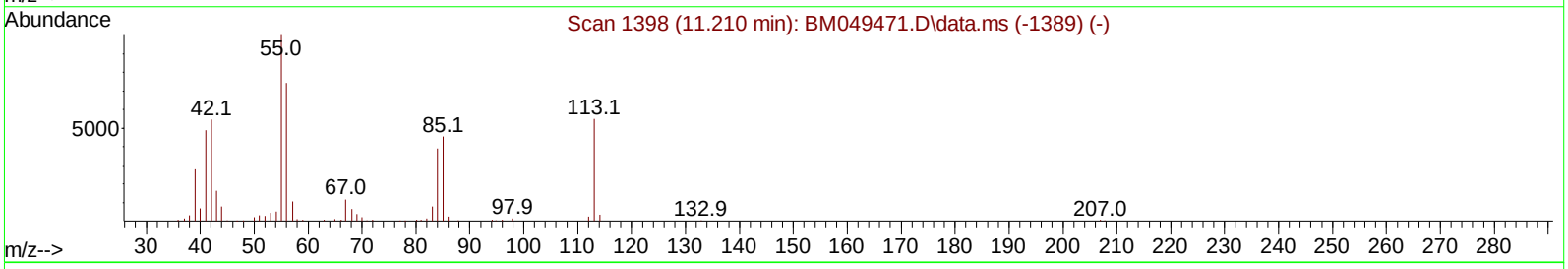
Instrument :
BNA_M
ClientSampleId :
SLCS311

Manual IntegrationsAPPROVED

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







TIC: BM049483.D\data.ms

(34) Caprolactam

11.216min (+ 0.000) 20.72 ng/ul

response 82122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	195.23
56.00	134.80	140.36
0.00	0.00	0.00

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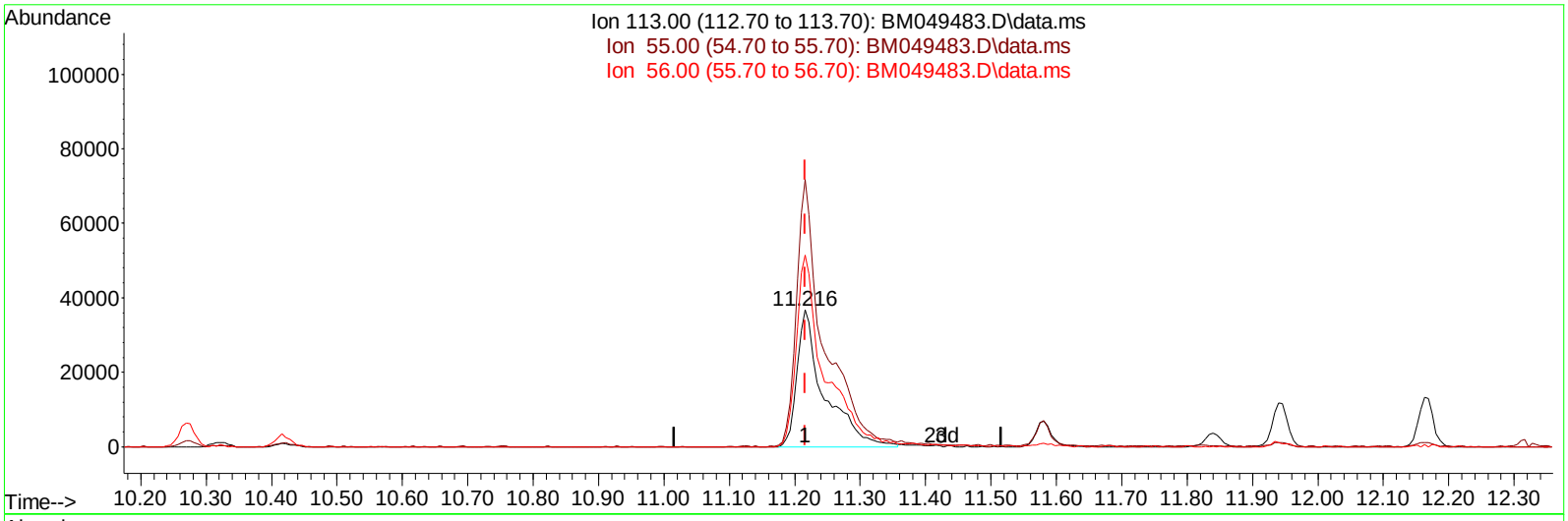

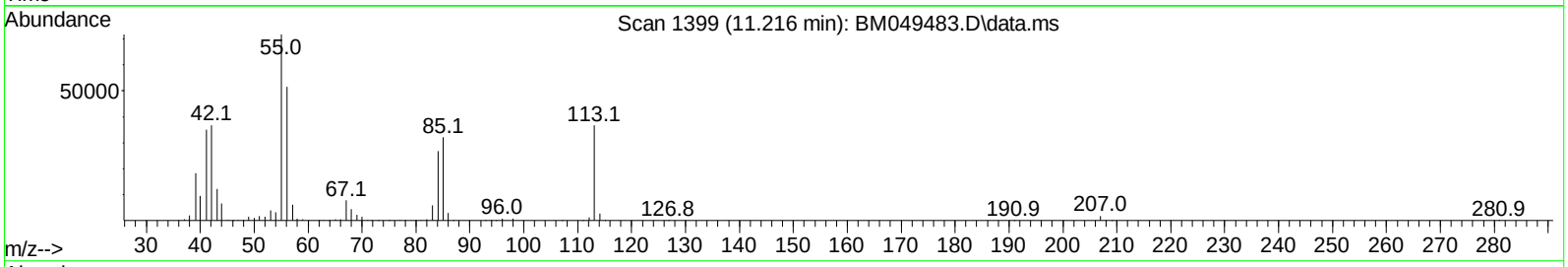

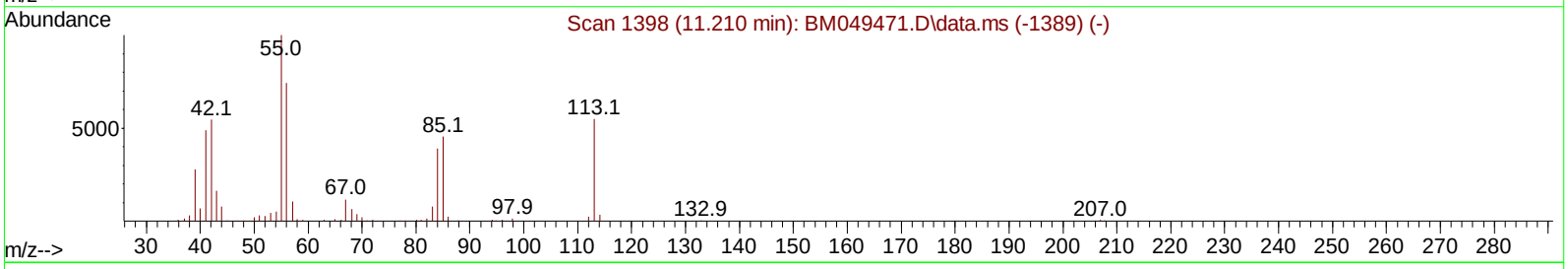

TIC: BM049483.D\data.ms

(34) Caprolactam

11.216min (+ 0.000) 26.79 ng/ul m

response 106153

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.50	195.23
56.00	134.80	140.36
0.00	0.00	0.00

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	220452	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	839275	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	546659	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	1081976	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1035425	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1004016	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.123	96	30166	5.070	ng/uL	0.00
4) Pyridine-d5	3.517	84	482618	27.607	ng/ul	0.00
7) Phenol-d5	6.711	99	534977	29.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	339567	27.759	ng/ul	0.00
11) 2-Chlorophenol-d4	7.058	132	421874	30.475	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	392421	29.941	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	180772	28.154	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	201818	28.817	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	427755	29.930	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	448893	24.486	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	1132361	28.251	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1311515	27.849	ng/ul	0.00
54) 4-Nitrophenol-d4	14.381	143	183381	27.890	ng/ul	0.00
60) Fluorene-d10	15.151	176	987770	28.023	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.281	200	185783	27.248	ng/ul	0.00
73) Anthracene-d10	17.004	188	1523845	28.203	ng/ul	0.00
81) Pyrene-d10	19.310	212	1751304	28.933	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1551175	28.967	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	63907	10.221	ng/uL	94
5) Pyridine	3.534	79	498722	27.818	ng/ul	96
6) Benzaldehyde	6.675	77	27292	2.778	ng/ul	91
8) Phenol	6.740	94	564245	30.050	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.958	93	423102	27.632	ng/ul	98
12) 2-Chlorophenol	7.087	128	436946	30.565	ng/ul	100
13) 2-Methylphenol	7.963	108	393803	29.928	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	671806	28.483	ng/ul	100
16) Acetophenone	8.328	105	619249	28.412	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.322	70	339144	29.669	ng/ul	99
18) 4-Methylphenol	8.293	108	428177	30.150	ng/ul	98
19) Hexachloroethane	8.569	117	179087	28.512	ng/ul	97
22) Nitrobenzene	8.699	77	467403	27.254	ng/ul	99
23) Isophorone	9.222	82	878755	28.656	ng/ul	100
25) 2-Nitrophenol	9.399	139	222369	28.596	ng/ul	98
26) 2,4-Dimethylphenol	9.475	107	427572	29.879	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.704	93	542031	28.221	ng/ul	98
29) 2,4-Dichlorophenol	9.934	162	429518	29.896	ng/ul	99
30) Naphthalene	10.322	128	1237910	27.703	ng/ul	99
32) 4-Chloroaniline	10.440	127	242969	13.851	ng/ul	99
33) Hexachlorobutadiene	10.610	225	293120	27.217	ng/ul	96
34) Caprolactam	11.216	113	106153m	26.785	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	380580	30.660	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.945	142	858470	28.169	ng/ul	99
37) 1-Methylnaphthalene	12.163	142	868702	28.915	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	542961	26.945	ng/ul	100
40) Hexachlorocyclopentadiene	12.298	237	291326	24.644	ng/ul	100
41) 2,4,6-Trichlorophenol	12.569	196	345421	29.067	ng/ul	97
42) 2,4,5-Trichlorophenol	12.645	196	366550	29.348	ng/ul	98
43) 1,1'-Biphenyl	12.975	154	1134079	27.343	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	912004	27.121	ng/ul	99
45) 2-Nitroaniline	13.234	65	250238	29.624	ng/ul	97
47) Dimethylphthalate	13.622	163	1135566	28.520	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	216845	30.282	ng/ul	97
50) Acenaphthylene	13.869	152	1343049	27.759	ng/ul	99
51) 3-Nitroaniline	14.069	138	197907	27.822	ng/ul	99
52) Acenaphthene	14.216	153	964087	27.910	ng/ul	99
53) 2,4-Dinitrophenol	14.275	184	115202	26.018	ng/ul	97
55) 4-Nitrophenol	14.398	109	138086	28.703	ng/ul	96
56) Dibenzofuran	14.557	168	1360630	27.626	ng/ul	98
57) 2,4-Dinitrotoluene	14.534	165	324361	30.290	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.786	232	304803	29.967	ng/ul	98
59) Diethylphthalate	14.998	149	1104164	29.212	ng/ul	100
61) Fluorene	15.210	166	1139218	28.624	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	611663	28.334	ng/ul	96
63) 4-Nitroaniline	15.239	138	217744	33.149	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.298	198	204194	27.324	ng/ul#	99
67) N-Nitrosodiphenylamine	15.428	169	927724	28.763	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	354713	28.711	ng/ul	97
69) Hexachlorobenzene	16.216	284	405308	28.410	ng/ul	99
70) Atrazine	16.392	200	336495	26.505	ng/ul	100
71) Pentachlorophenol	16.563	266	256821	28.589	ng/ul	100
72) Phenanthrene	16.945	178	1731869	28.435	ng/ul	99
74) Anthracene	17.039	178	1751434	28.549	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.934	216	530834	27.145	ng/uL	100
76) Pentachlorobenzene	14.475	250	495803	26.515	ng/uL	99
77) Carbazole	17.316	167	1545167	28.181	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1890728	30.191	ng/ul	100
80) Fluoranthene	18.974	202	2034475	29.428	ng/ul	99
82) Pyrene	19.339	202	2153035	28.944	ng/ul	99
83) Butylbenzylphthalate	20.268	149	777440	31.033	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.057	252	553291	28.143	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2072373	28.492	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	1144668	31.097	ng/ul	100
87) Chrysene	21.180	228	1921685	28.450	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1796571	29.252	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1885138	28.967	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	1916668	29.146	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1770087	28.994	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.003	276	2215899	29.284	ng/ul	100
95) Dibenzo(a,h)anthracene	27.050	278	1790020	29.194	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	1697257	29.500	ng/ul	99

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

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