

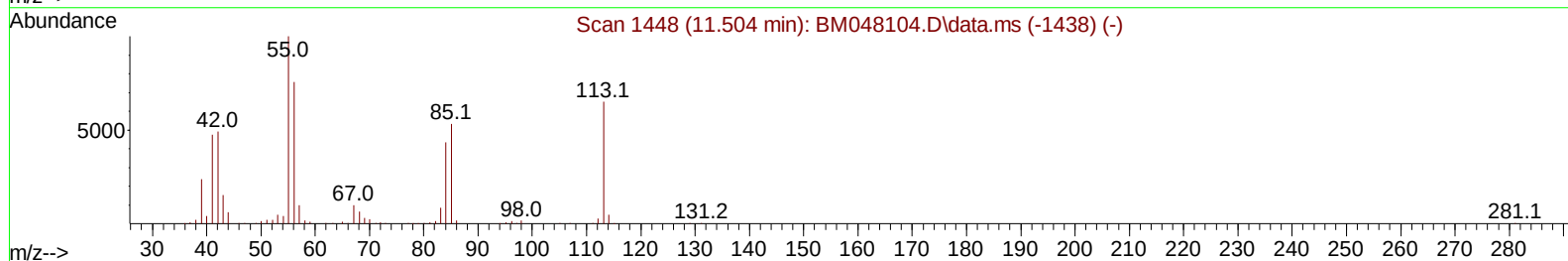
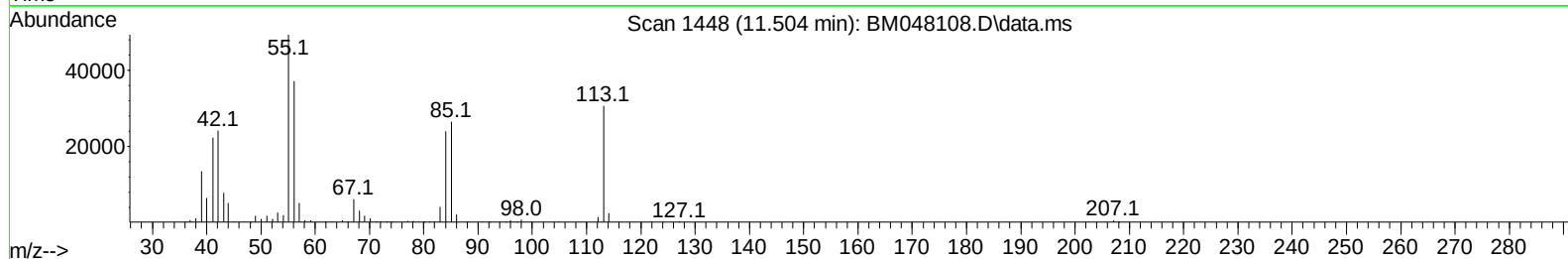
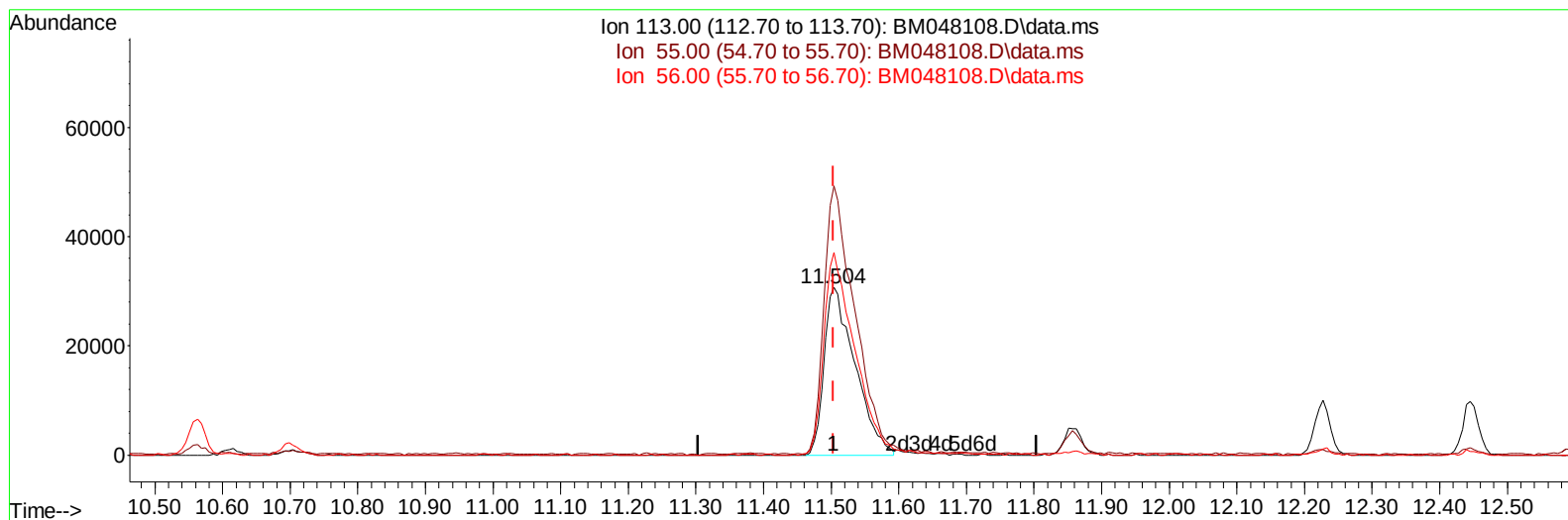
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048108.D
Acq On : 17 Oct 2024 15:47
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV033

Manual IntegrationsAPPROVED

Quant Time: Oct 17 16:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 15:44:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



TIC: BM048108.D\data.ms

(34) Caprolactam

11.504min (-0.000) 17.58 ng/ul

response 97436

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	160.44
56.00	116.10	120.95
0.00	0.00	0.00

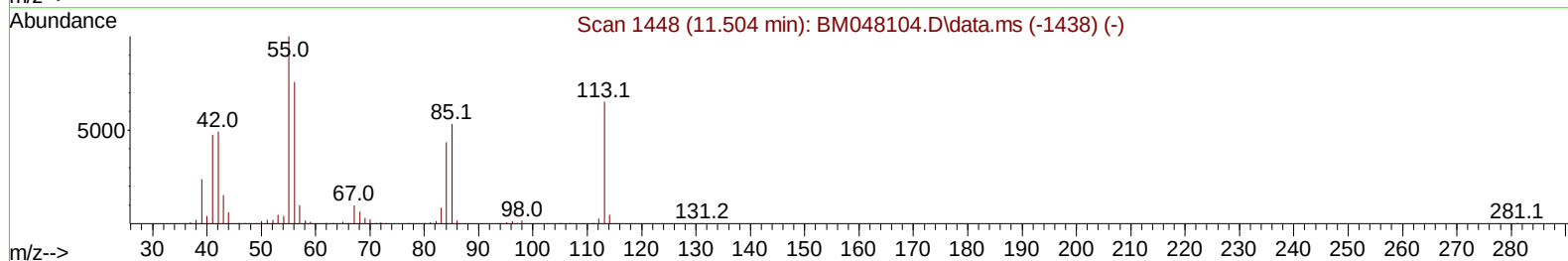
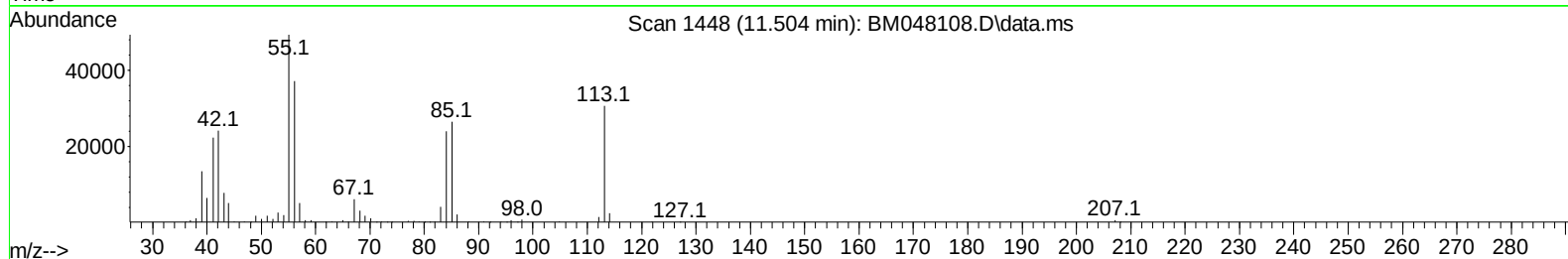
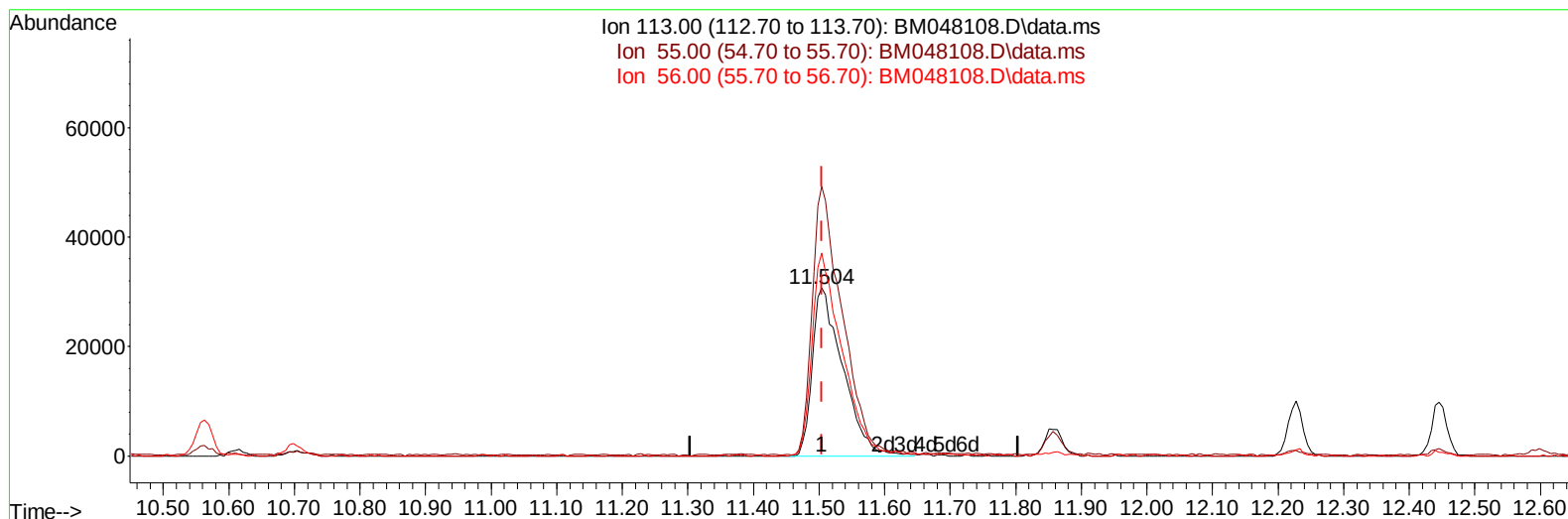
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TIC: BM048108.D\data.ms

(34) Caprolactam

11.504min (-0.000) 17.86 ng/ul m

response 99003

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	160.44
56.00	116.10	120.95
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	7.775	152	274828	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1087829	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	643432	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.151	188	1245149	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1104160	20.000	ng/ul	0.00
88) Perylene-d12	24.362	264	1260485	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	52555	7.261	ng/uL	0.00
4) Pyridine-d5	3.652	84	368296	18.912	ng/ul	0.00
7) Phenol-d5	6.945	99	410277	18.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	264583	20.008	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	365501	18.982	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	324631	18.736	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	170007	18.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	188828	18.589	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	332992	18.613	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	451401	19.277	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	877542	18.778	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	1058689	19.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	158718	18.375	ng/ul	0.00
60) Fluorene-d10	15.398	176	748329	18.756	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	148660	18.459	ng/ul	0.00
73) Anthracene-d10	17.251	188	1117632	18.926	ng/ul	0.00
81) Pyrene-d10	19.539	212	1254655	18.595	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.156	264	1251526	18.589	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	54830	7.234	ng/uL	99
5) Pyridine	3.669	79	339008	17.037	ng/ul	98
6) Benzaldehyde	6.916	77	198245	19.243	ng/ul	98
8) Phenol	6.975	94	422720	18.460	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.198	93	341933	18.605	ng/ul	100
12) 2-Chlorophenol	7.340	128	356619	18.381	ng/ul	98
13) 2-Methylphenol	8.222	108	318940	18.413	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.292	45	480785	18.532	ng/ul	99
16) Acetophenone	8.592	105	514368	19.359	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	240065	19.082	ng/ul	98
18) 4-Methylphenol	8.545	108	348555	18.703	ng/ul	96
19) Hexachloroethane	8.845	117	153811	18.650	ng/ul	99
22) Nitrobenzene	8.969	77	359837	18.115	ng/ul	99
23) Isophorone	9.498	82	682881	17.976	ng/ul	99
25) 2-Nitrophenol	9.681	139	200349	18.495	ng/ul	99
26) 2,4-Dimethylphenol	9.745	107	310415	16.450	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.975	93	428551	18.007	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	327899	18.297	ng/ul	98
30) Naphthalene	10.610	128	1108849	18.440	ng/ul	99
32) 4-Chloroaniline	10.722	127	441165	19.537	ng/ul	98
33) Hexachlorobutadiene	10.898	225	217028	18.321	ng/ul	99
34) Caprolactam	11.504	113	99003m	17.861	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	316654	18.381	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.227	142	739962	18.907	ng/ul	98
37) 1-Methylnaphthalene	12.445	142	693977	17.607	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	383795	18.308	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	199851	17.036	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	251335	18.230	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	264286	18.204	ng/ul	97
43) 1,1'-Biphenyl	13.239	154	920463	18.523	ng/ul	98
44) 2-Chloronaphthalene	13.280	162	721767	18.317	ng/ul	100
45) 2-Nitroaniline	13.492	65	191891	18.737	ng/ul	98
47) Dimethylphthalate	13.869	163	864370	18.393	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	184578	19.777	ng/ul	97
50) Acenaphthylene	14.133	152	1143278	19.019	ng/ul	99
51) 3-Nitroaniline	14.316	138	200466	20.593	ng/ul	95
52) Acenaphthene	14.474	153	770773	18.533	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	107400	17.441	ng/ul	95
55) 4-Nitrophenol	14.633	109	106608	17.740	ng/ul	97
56) Dibenzofuran	14.810	168	1076894	18.926	ng/ul	100
57) 2,4-Dinitrotoluene	14.780	165	249160	18.793	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.039	232	230018	19.640	ng/ul	98
59) Diethylphthalate	15.227	149	858049	18.412	ng/ul	100
61) Fluorene	15.457	166	835947	18.797	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	410019	18.539	ng/ul	99
63) 4-Nitroaniline	15.474	138	195987	23.246	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.539	198	158744	18.323	ng/ul	98
67) N-Nitrosodiphenylamine	15.663	169	713485	19.054	ng/ul	98
68) 4-Bromophenyl-phenylether	16.345	248	249034	18.435	ng/ul	96
69) Hexachlorobenzene	16.463	284	297889	18.658	ng/ul	98
70) Atrazine	16.615	200	249764	19.875	ng/ul	97
71) Pentachlorophenol	16.804	266	191321	18.587	ng/ul	99
72) Phenanthrene	17.192	178	1267953	18.616	ng/ul	99
74) Anthracene	17.280	178	1298654	19.000	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	359448	17.173	ng/uL	98
76) Pentachlorobenzene	14.727	250	361817	17.752	ng/uL	97
77) Carbazole	17.551	167	1179430	19.481	ng/ul	100
78) Di-n-butylphthalate	18.115	149	1463922	18.358	ng/ul	99
80) Fluoranthene	19.204	202	1434830	18.278	ng/ul	99
82) Pyrene	19.568	202	1523923	18.223	ng/ul	98
83) Butylbenzylphthalate	20.456	149	649490	17.878	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	537954	21.845	ng/ul	100
85) Benzo(a)anthracene	21.356	228	1455289	18.127	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	962000	18.318	ng/ul	100
87) Chrysene	21.415	228	1382217	18.269	ng/ul	100
89) Di-n-octyl phthalate	22.397	149	1676932	18.438	ng/ul	100
90) Benzo(b)fluoranthene	23.415	252	1475383	18.583	ng/ul	99
91) Benzo(k)fluoranthene	23.480	252	1411721	17.853	ng/ul	100
93) Benzo(a)pyrene	24.221	252	1388749	18.790	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.726	276	1752542	18.291	ng/ul	100
95) Dibenzo(a,h)anthracene	27.785	278	1441673	18.622	ng/ul	99
96) Benzo(g,h,i)perylene	28.779	276	1326846	17.793	ng/ul	99

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

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