

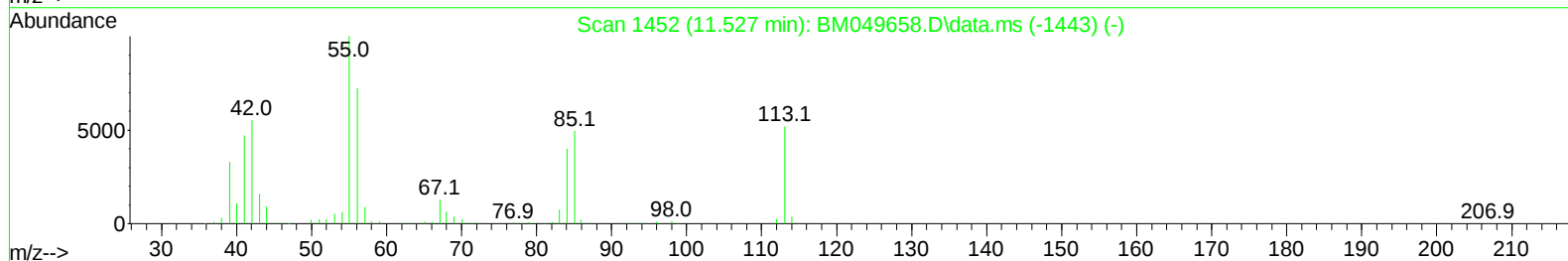
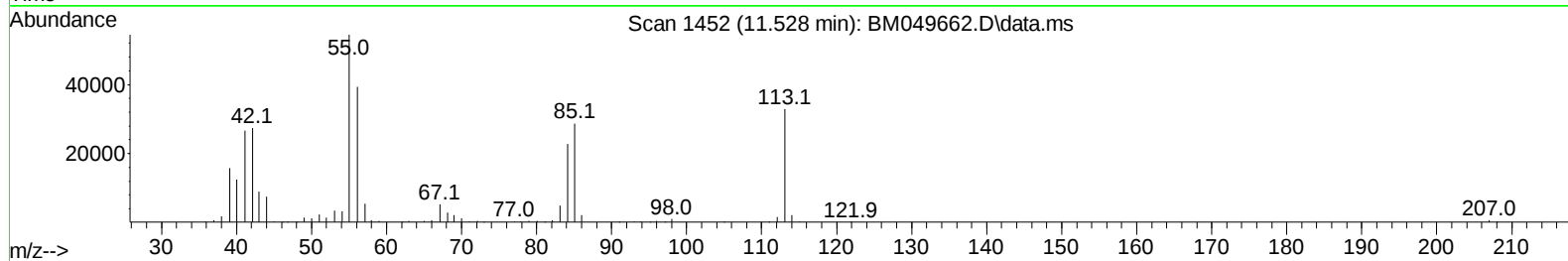
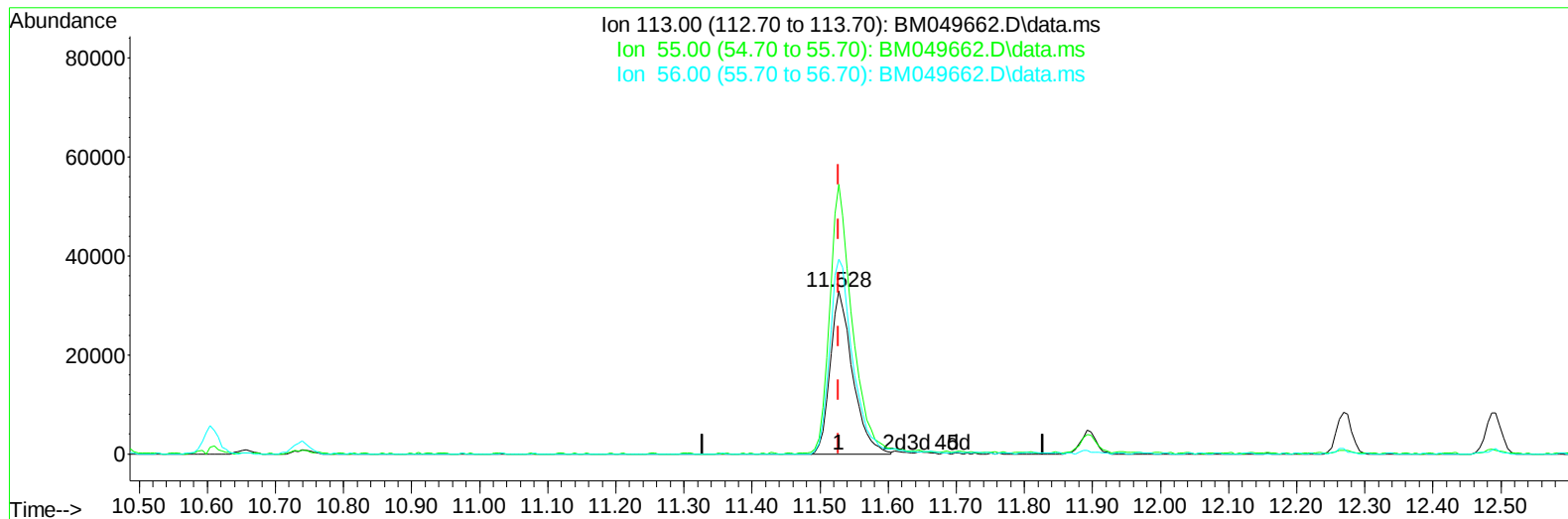
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
Data File : BM049662.D
Acq On : 14 Feb 2025 16:11
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV026

Manual IntegrationsAPPROVED

Quant Time: Feb 18 12:10:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 12:12:53 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/18/2025



TIC: BM049662.D\data.ms

(34) Caprolactam

11.528min (+ 0.000) 19.33 ng/ul

response 75131

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.40	165.54
56.00	138.80	119.80
0.00	0.00	0.00

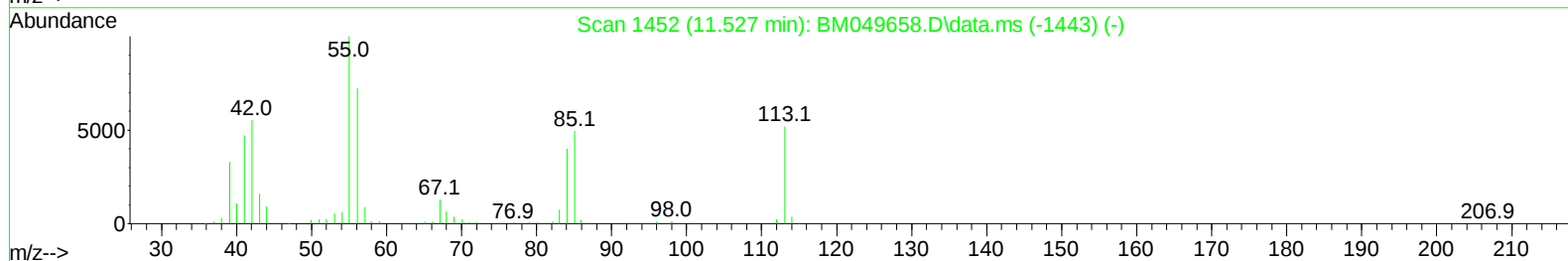
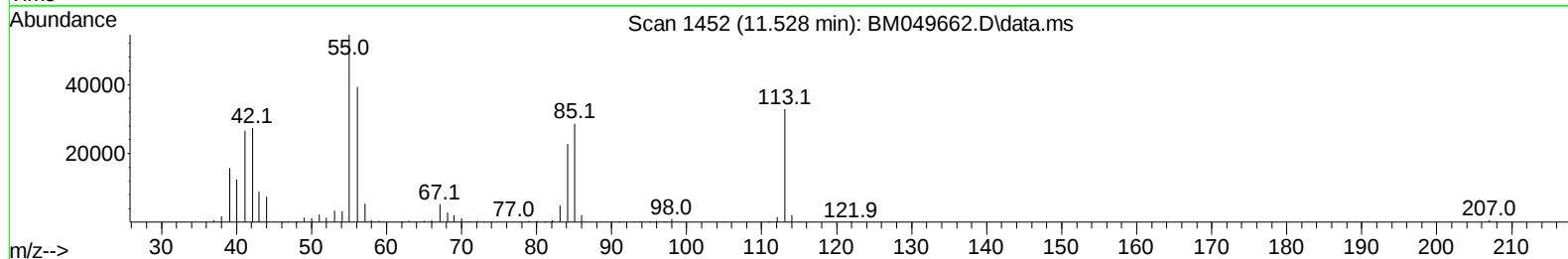
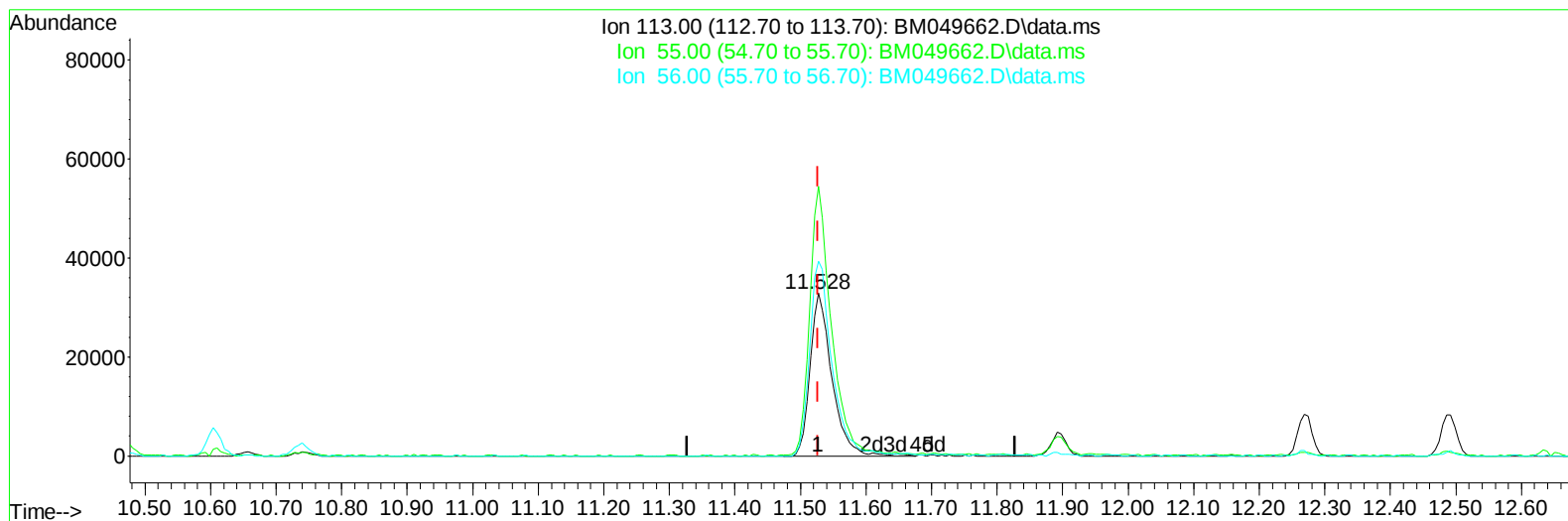
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(34) Caprolactam

11.528min (+ 0.000) 19.68 ng/ul m

response 76493

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.40	165.54
56.00	138.80	119.80
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	7.810	152	209054	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	782803	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	518447	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1016029	20.00	ng/ul	0.00
79) Chrysene-d12	21.421	240	1002696	20.00	ng/ul	0.00
88) Perylene-d12	24.433	264	953257	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	41549	7.58	ng/uL	0.00
4) Pyridine-d5	3.669	84	307528	18.91	ng/ul	0.00
7) Phenol-d5	6.981	99	335157	19.71	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	240130	21.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	269668	21.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	257901	20.14	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	127226	21.63	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	128378	21.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	284333	21.96	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	370281	20.74	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	811923	21.20	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	944617	21.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	131954	19.72	ng/ul	0.00
60) Fluorene-d10	15.439	176	683379	20.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	104335	17.74	ng/ul	0.00
73) Anthracene-d10	17.286	188	1060945	20.49	ng/ul	0.00
81) Pyrene-d10	19.574	212	1164726	20.94	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.227	264	1055178	20.76	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	43213	7.58	ng/uL	94
5) Pyridine	3.687	79	278509	16.80	ng/ul	94
6) Benzaldehyde	6.951	77	188730	19.60	ng/ul	97
8) Phenol	7.004	94	329804	18.56	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	271521	19.05	ng/ul	98
12) 2-Chlorophenol	7.375	128	261353	19.93	ng/ul	98
13) 2-Methylphenol	8.257	108	236862	18.97	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	354238	17.96	ng/ul	98
16) Acetophenone	8.628	105	414788	19.23	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	214005	19.32	ng/ul	96
18) 4-Methylphenol	8.581	108	260657	19.00	ng/ul	96
19) Hexachloroethane	8.892	117	113548	19.28	ng/ul	96
22) Nitrobenzene	9.004	77	293912	18.73	ng/ul	97
23) Isophorone	9.534	82	548877	19.32	ng/ul	99
25) 2-Nitrophenol	9.716	139	138137	20.49	ng/ul	92
26) 2,4-Dimethylphenol	9.787	107	232057	17.60	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.016	93	346508	19.53	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	258434	19.64	ng/ul	98
30) Naphthalene	10.657	128	803219	19.55	ng/ul	99
32) 4-Chloroaniline	10.763	127	344880	20.01	ng/ul	100
33) Hexachlorobutadiene	10.951	225	179861	19.23	ng/ul	98
34) Caprolactam	11.528	113	76493m	19.68	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	233607	20.00	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	576771	20.02	ng/ul	98
37) 1-Methylnaphthalene	12.492	142	538589	18.87	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.639	216	345388	18.93	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	179137	15.88	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	202601	19.85	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	214513	19.19	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	782413	19.85	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	602483	19.12	ng/ul	99
45) 2-Nitroaniline	13.522	65	155381	19.29	ng/ul	97
47) Dimethylphthalate	13.904	163	748734	19.59	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	147770	21.69	ng/ul	96
50) Acenaphthylene	14.169	152	935085	20.17	ng/ul	99
51) 3-Nitroaniline	14.345	138	150691	21.06	ng/ul	98
52) Acenaphthene	14.510	153	640760	19.21	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	61920	16.12	ng/ul	97
55) 4-Nitrophenol	14.657	109	99114	17.80	ng/ul	99
56) Dibenzofuran	14.845	168	912067	19.54	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	200877	20.14	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	186680	21.47	ng/ul	96
59) Diethylphthalate	15.274	149	716224	19.41	ng/ul	99
61) Fluorene	15.498	166	765736	18.79	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	395509	18.47	ng/ul	98
63) 4-Nitroaniline	15.504	138	163661	22.62	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.563	198	112824	17.08	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	619030	19.79	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	220801	19.27	ng/ul	99
69) Hexachlorobenzene	16.498	284	254870	19.02	ng/ul	98
70) Atrazine	16.651	200	212071	17.40	ng/ul	98
71) Pentachlorophenol	16.839	266	131465	16.00	ng/ul	98
72) Phenanthrene	17.233	178	1120803	18.95	ng/ul	99
74) Anthracene	17.321	178	1150675	19.26	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	321920	18.54	ng/uL	98
76) Pentachlorobenzene	14.769	250	305943	17.98	ng/uL	99
77) Carbazole	17.586	167	1016090	18.54	ng/ul	100
78) Di-n-butylphthalate	18.162	149	1162769	19.33	ng/ul	99
80) Fluoranthene	19.245	202	1259704	19.59	ng/ul	99
82) Pyrene	19.604	202	1366988	19.41	ng/ul	98
83) Butylbenzylphthalate	20.509	149	461394	19.65	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.327	252	439333	21.14	ng/ul	95
85) Benzo(a)anthracene	21.403	228	1312521	18.91	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	732152	19.50	ng/ul	99
87) Chrysene	21.462	228	1225900	19.18	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	1114162	17.86	ng/ul	100
90) Benzo(b)fluoranthene	23.480	252	1171523	18.82	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	1235743	19.58	ng/ul	100
93) Benzo(a)pyrene	24.291	252	1135968	19.70	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.826	276	1346246	18.77	ng/ul	99
95) Dibenzo(a,h)anthracene	27.891	278	1110264	18.88	ng/ul	99
96) Benzo(g,h,i)perylene	28.879	276	1007876	18.38	ng/ul	99

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

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