

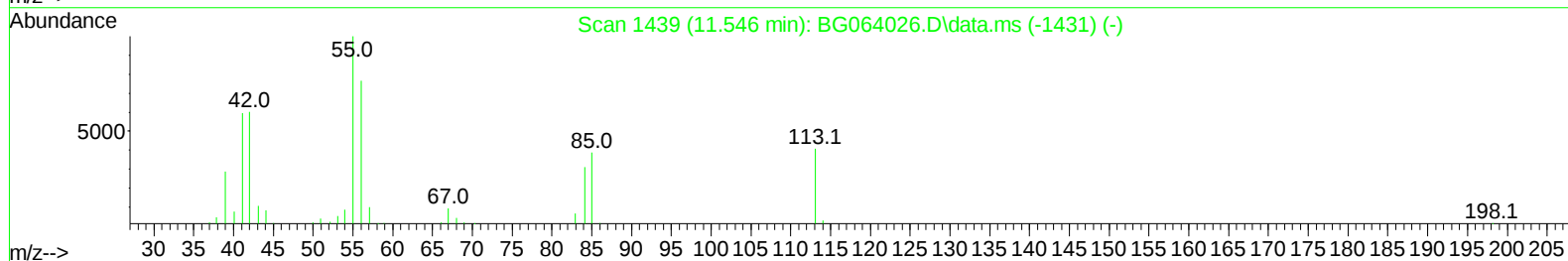
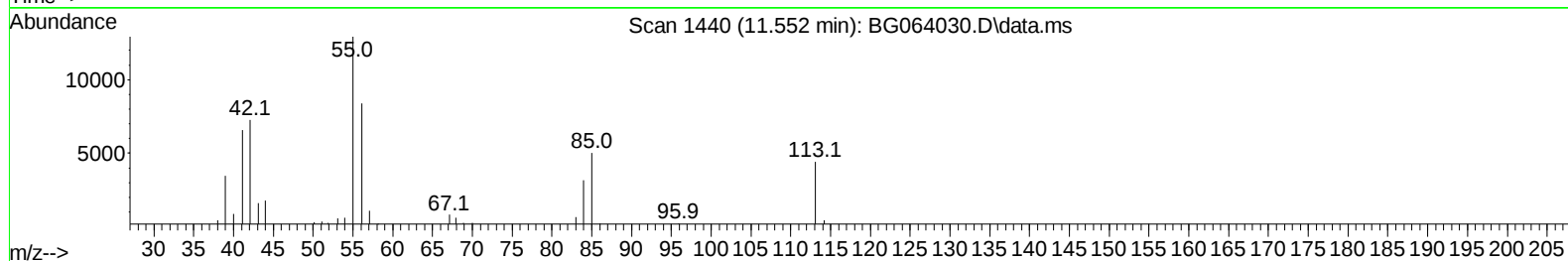
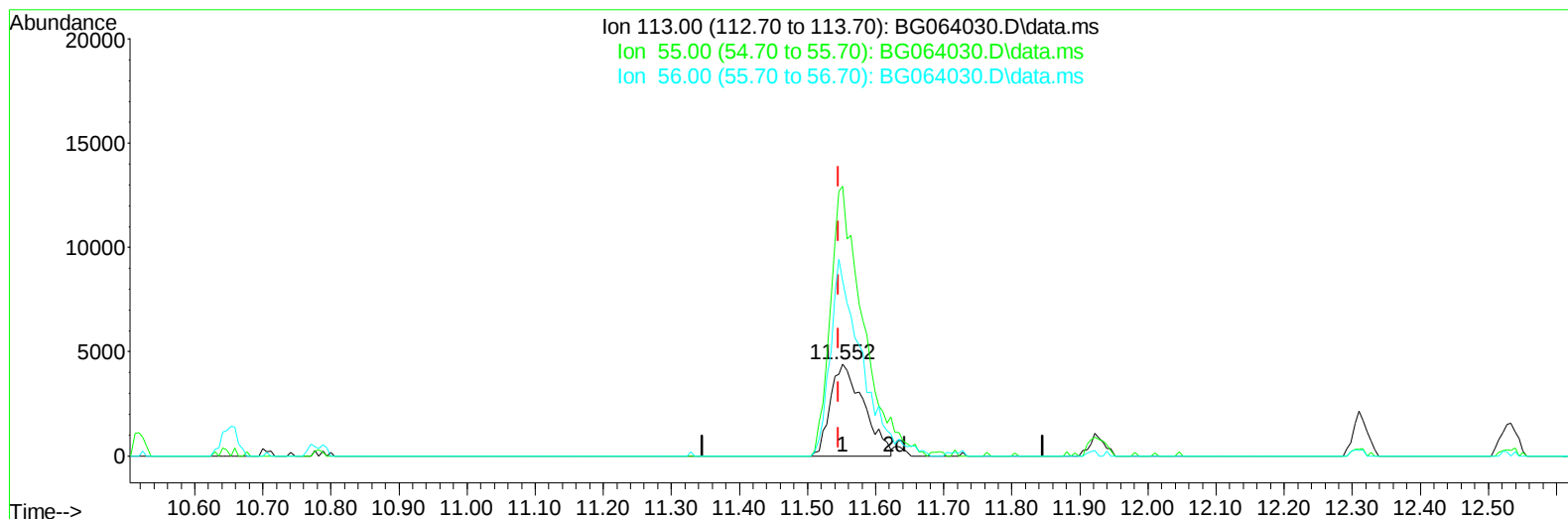
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064030.D
Acq On : 14 Feb 2025 13:26
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV404

Manual IntegrationsAPPROVED

Quant Time: Feb 18 15:53:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 15:56:04 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BG064030.D\data.ms

(34) Caprolactam

11.552min (+ 0.006) 17.71 ng/ul

response 14974

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	246.00	292.57
56.00	188.30	190.06
0.00	0.00	0.00

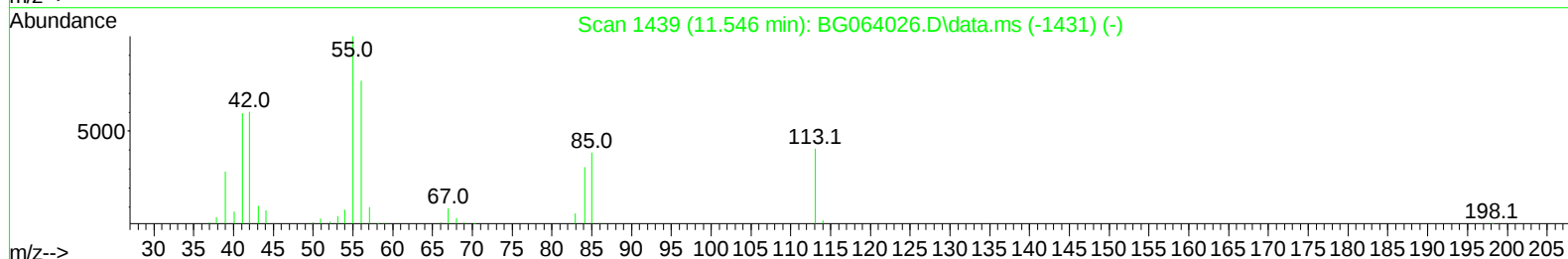
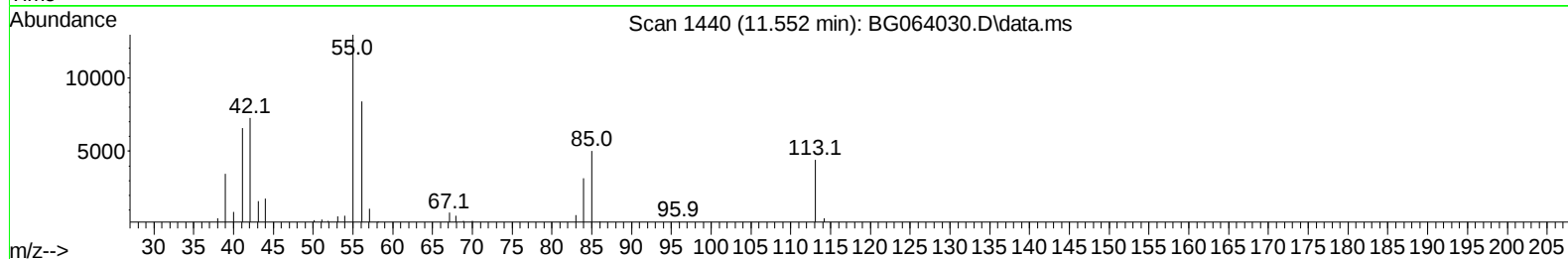
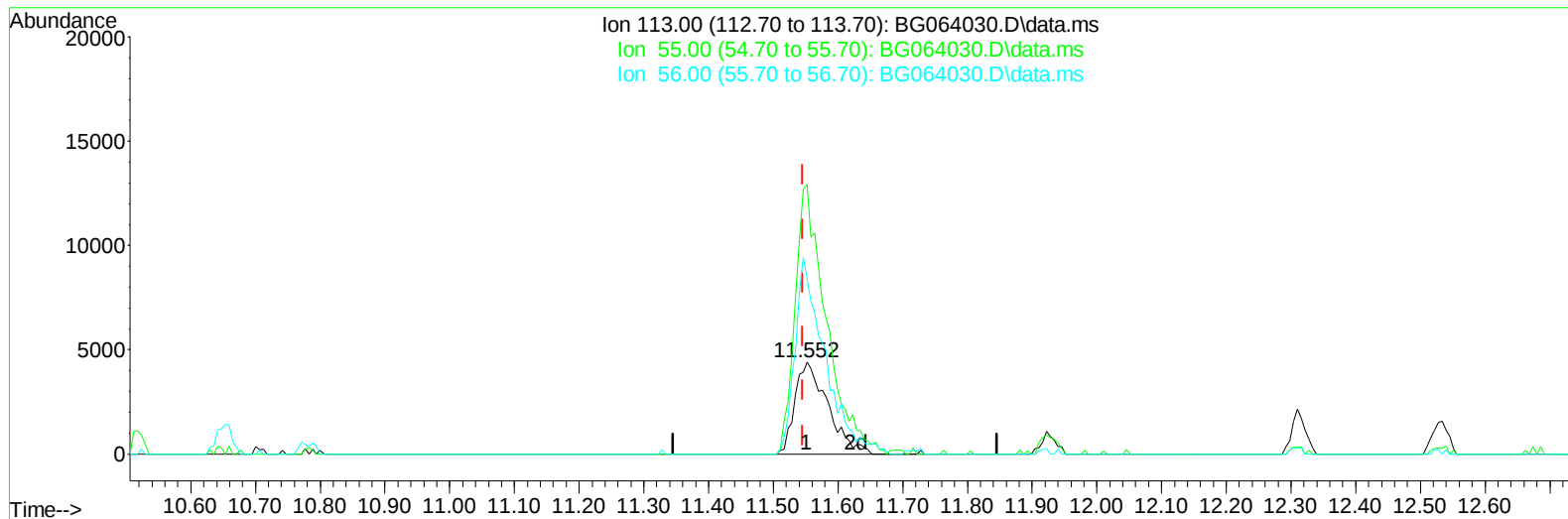
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(34) Caprolactam

11.552min (+ 0.006) 18.37 ng/ul m

response 15536

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	246.00	292.57
56.00	188.30	190.06
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	7.868	152	28374	20.00	ng/ul	0.00
20) Naphthalene-d8	10.653	136	133529	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.490	164	99525	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	224057	20.00	ng/ul	0.00
79) Chrysene-d12	21.464	240	219777	20.00	ng/ul	0.00
88) Perylene-d12	24.484	264	232257	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	6665	8.09	ng/uL	0.00
4) Pyridine-d5	3.738	84	47157	20.13	ng/ul	0.00
7) Phenol-d5	7.022	99	54000	21.06	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	40255	23.42	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	39690	21.91	ng/ul	0.00
15) 4-Methylphenol-d8	8.561	113	45893	21.02	ng/ul	0.00
21) Nitrobenzene-d5	9.014	128	18344	23.32	ng/ul	0.00
24) 2-Nitrophenol-d4	9.736	143	17077	25.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.271	165	43627	22.79	ng/ul	0.00
31) 4-Chloroaniline-d4	10.776	131	64295	20.41	ng/ul	0.00
46) Dimethylphthalate-d6	13.902	166	166861	22.25	ng/ul	0.00
49) Acenaphthylene-d8	14.178	160	183226	20.98	ng/ul	0.00
54) 4-Nitrophenol-d4	14.672	143	24718	20.95	ng/ul	0.00
60) Fluorene-d10	15.483	176	142298	20.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	16567	20.71	ng/ul	0.00
73) Anthracene-d10	17.328	188	230763	21.04	ng/ul	0.00
81) Pyrene-d10	19.613	212	256941	22.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.278	264	248771	21.15	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	7182	7.86	ng/uL	94
5) Pyridine	3.761	79	42051	17.43	ng/ul	92
6) Benzaldehyde	7.004	77	32874	21.72	ng/ul	98
8) Phenol	7.045	94	54798	19.96	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.286	93	42322	19.68	ng/ul	94
12) 2-Chlorophenol	7.427	128	40582	21.11	ng/ul	90
13) 2-Methylphenol	8.297	108	41238	19.78	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.385	45	101994	19.76	ng/ul	98
16) Acetophenone	8.679	105	76047	20.67	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.667	70	40433	21.42	ng/ul#	97
18) 4-Methylphenol	8.626	108	46680	20.20	ng/ul	97
19) Hexachloroethane	8.943	117	15949	19.99	ng/ul	97
22) Nitrobenzene	9.055	77	51079	21.33	ng/ul#	94
23) Isophorone	9.578	82	112772	20.70	ng/ul	99
25) 2-Nitrophenol	9.766	139	16991	23.17	ng/ul	95
26) 2,4-Dimethylphenol	9.825	107	44800	18.94	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.065	93	63846	20.23	ng/ul	96
29) 2,4-Dichlorophenol	10.295	162	38135	21.10	ng/ul	94
30) Naphthalene	10.700	128	144419	19.57	ng/ul	96
32) 4-Chloroaniline	10.806	127	60591	19.74	ng/ul	99
33) Hexachlorobutadiene	10.994	225	27989	18.70	ng/ul	97
34) Caprolactam	11.552	113	15536m	18.37	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	48816	20.46	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	105470	19.87	ng/ul	94
37) 1-Methylnaphthalene	12.533	142	103893	19.25	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.680	216	56995	18.79	ng/ul	94
40) Hexachlorocyclopentadiene	12.668	237	22674	18.67	ng/ul	94
41) 2,4,6-Trichlorophenol	12.915	196	33345	20.85	ng/ul#	90
42) 2,4,5-Trichlorophenol	12.986	196	34654	19.34	ng/ul	95
43) 1,1'-Biphenyl	13.320	154	153039	19.74	ng/ul	99
44) 2-Chloronaphthalene	13.362	162	110754	19.16	ng/ul	98
45) 2-Nitroaniline	13.561	65	33478	22.06	ng/ul	97
47) Dimethylphthalate	13.949	163	150534	20.52	ng/ul	98
48) 2,6-Dinitrotoluene	14.061	165	26864	24.40	ng/ul	99
50) Acenaphthylene	14.208	152	181398	20.11	ng/ul	98
51) 3-Nitroaniline	14.384	138	29647	24.04	ng/ul	98
52) Acenaphthene	14.554	153	129883	19.56	ng/ul	94
53) 2,4-Dinitrophenol	14.584	184	8632	16.99	ng/ul#	85
55) 4-Nitrophenol	14.689	109	22675	19.26	ng/ul	92
56) Dibenzofuran	14.889	168	183330	19.74	ng/ul	95
57) 2,4-Dinitrotoluene	14.842	165	36544	22.60	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.112	232	35665	23.51	ng/ul	96
59) Diethylphthalate	15.318	149	157248	20.93	ng/ul	98
61) Fluorene	15.536	166	148114	19.73	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.536	204	73310	19.50	ng/ul	98
63) 4-Nitroaniline	15.547	138	28795	22.12	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.606	198	17459	19.37	ng/ul	94
67) N-Nitrosodiphenylamine	15.747	169	131373	20.89	ng/ul	98
68) 4-Bromophenyl-phenylether	16.429	248	47803	20.21	ng/ul	94
69) Hexachlorobenzene	16.540	284	53682	19.96	ng/ul	96
70) Atrazine	16.693	200	49616	19.77	ng/ul	98
71) Pentachlorophenol	16.881	266	27284	20.41	ng/ul	98
72) Phenanthrene	17.275	178	245715	19.71	ng/ul	97
74) Anthracene	17.363	178	249511	19.72	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.285	216	55866	18.70	ng/ul	97
76) Pentachlorobenzene	14.807	250	60060	18.65	ng/ul	97
77) Carbazole	17.627	167	218066	20.25	ng/ul	98
78) Di-n-butylphthalate	18.209	149	245818	20.13	ng/ul	99
80) Fluoranthene	19.284	202	273001	20.88	ng/ul	97
82) Pyrene	19.642	202	298183	20.78	ng/ul	98
83) Butylbenzylphthalate	20.547	149	90652	22.56	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.370	252	99851	24.22	ng/ul	97
85) Benzo(a)anthracene	21.446	228	286229	19.58	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.387	149	152050	23.03	ng/ul	97
87) Chrysene	21.505	228	282819	19.52	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	246337	20.78	ng/ul	100
90) Benzo(b)fluoranthene	23.597	252	288297	21.01	ng/ul	98
91) Benzo(k)fluoranthene	23.597	252	291147	20.11	ng/ul	98
93) Benzo(a)pyrene	24.343	252	266224	20.20	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.880	276	318160	20.04	ng/ul	96
95) Dibenzo(a,h)anthracene	27.944	278	257446	20.13	ng/ul	97
96) Benzo(g,h,i)perylene	28.943	276	244176	19.52	ng/ul	96

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

