

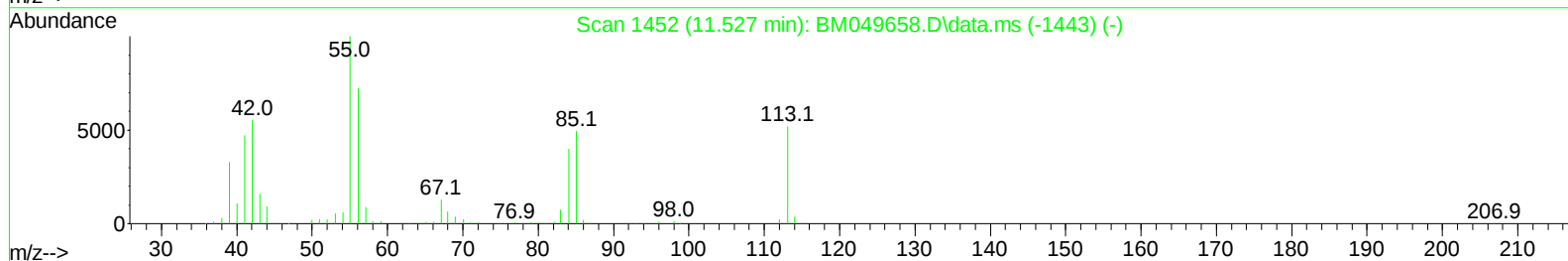
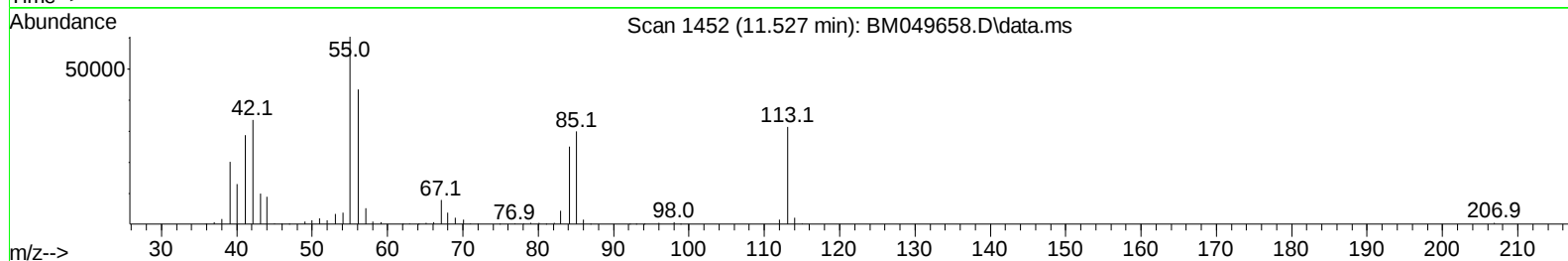
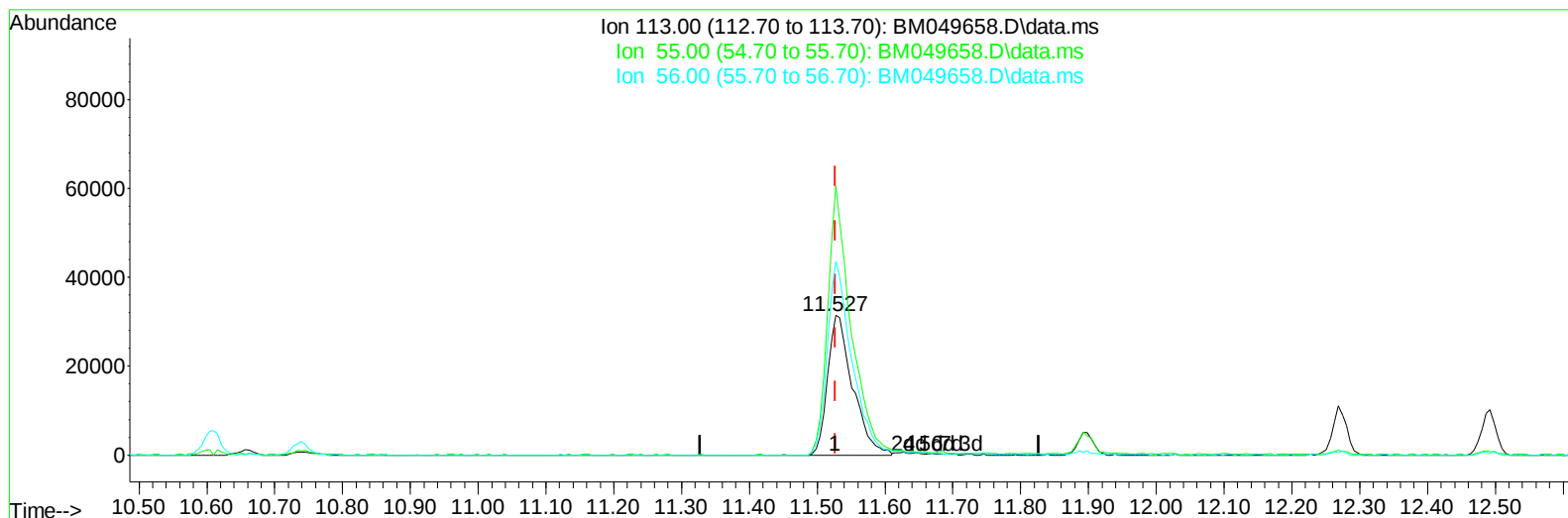
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
Data File : BM049658.D
Acq On : 14 Feb 2025 13:36
Operator : RC/JU
Sample : SSTD02080
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020022

Manual IntegrationsAPPROVED

Quant Time: Feb 18 11:59:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 11:46:09 2025
Response via : Initial Calibration

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



TIC: BM049658.D\data.ms

(34) Caprolactam

11.527min (0.000) 20.63 ng/ul

response 80434

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.40	192.44
56.00	138.80	138.78
0.00	0.00	0.00

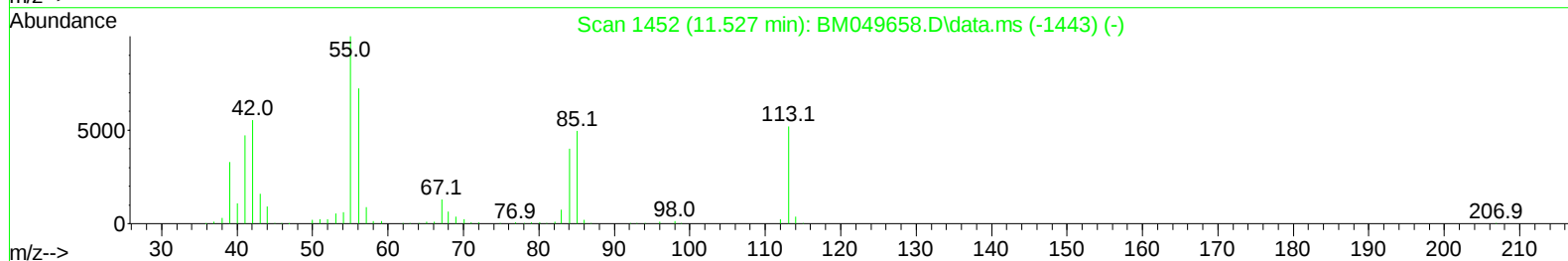
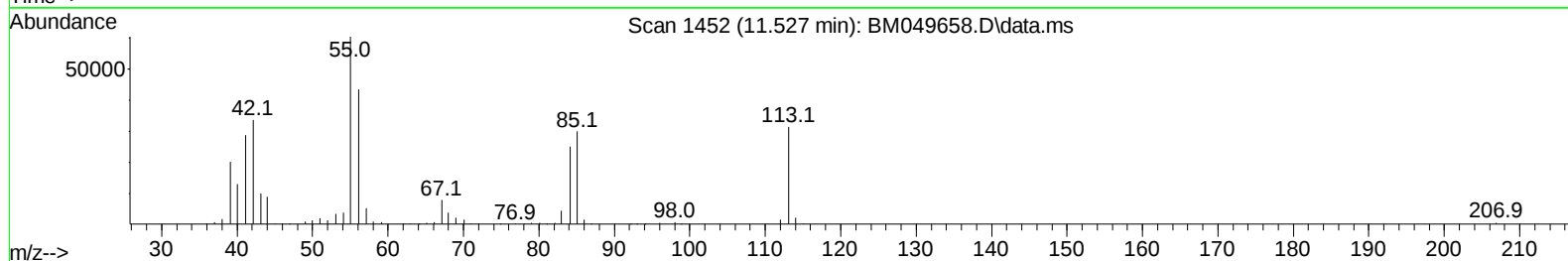
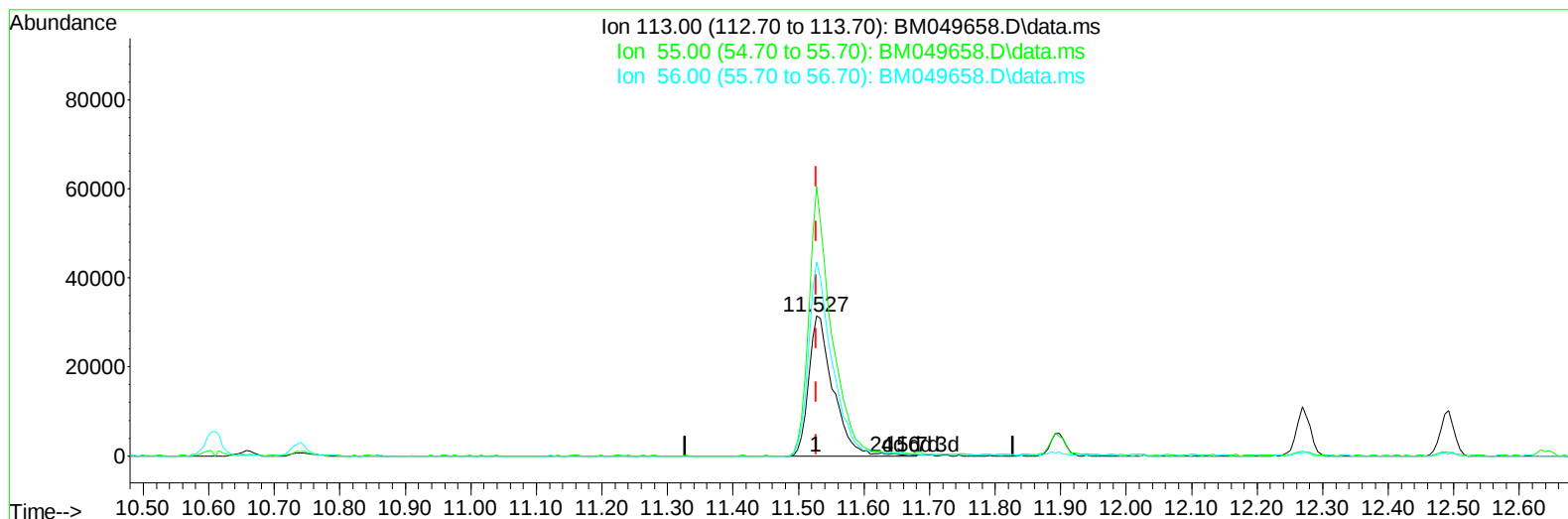
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TIC: BM049658.D\data.ms

(34) Caprolactam

11.527min (0.000) 21.04 ng/ul m

response 82056

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.40	192.44
56.00	138.80	138.78
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
 Data File : BM049658.D
 Acq On : 14 Feb 2025 13:36
 Operator : RC/JU
 Sample : SST002080
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0020022

Manual IntegrationsAPPROVED

Quant Time: Feb 18 11:59:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 18 11:46:09 2025
 Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	214578	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	789735	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	517199	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1027890	20.00	ng/ul	0.00
79) Chrysene-d12	21.421	240	1031686	20.00	ng/ul	0.00
88) Perylene-d12	24.438	264	1005322	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	48973	8.71	ng/uL	0.00
4) Pyridine-d5	3.669	84	350629	21.01	ng/ul	0.00
7) Phenol-d5	6.981	99	354777	20.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	245075	21.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	278387	21.75	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	268145	20.40	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	127036	21.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	130181	21.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	283456	21.70	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	373712	20.75	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	831092	21.75	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	965646	21.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	135158	20.24	ng/ul	0.00
60) Fluorene-d10	15.439	176	723272	21.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	104458	17.55	ng/ul	0.00
73) Anthracene-d10	17.286	188	1114069	21.27	ng/ul	0.00
81) Pyrene-d10	19.580	212	1223123	21.37	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.233	264	1136950	21.21	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	50532	8.63	ng/uL	100
5) Pyridine	3.687	79	361810	21.27	ng/ul	100
6) Benzaldehyde	6.951	77	250515	25.35	ng/ul	100
8) Phenol	7.010	94	375453	20.58	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	304155	20.79	ng/ul	100
12) 2-Chlorophenol	7.381	128	288312	21.42	ng/ul	100
13) 2-Methylphenol	8.257	108	257996	20.13	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	430443	21.26	ng/ul	100
16) Acetophenone	8.634	105	458709	20.72	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.622	70	243736	21.44	ng/ul	100
18) 4-Methylphenol	8.586	108	286814	20.37	ng/ul	100
19) Hexachloroethane	8.898	117	127176	21.04	ng/ul	100
22) Nitrobenzene	9.010	77	339403	21.44	ng/ul	100
23) Isophorone	9.539	82	619484	21.62	ng/ul	100
25) 2-Nitrophenol	9.722	139	147486	21.69	ng/ul	100
26) 2,4-Dimethylphenol	9.786	107	291640	21.92	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.022	93	385141	21.52	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	288460	21.73	ng/ul	100
30) Naphthalene	10.657	128	883473	21.31	ng/ul	100
32) 4-Chloroaniline	10.763	127	363813	20.92	ng/ul	100
33) Hexachlorobutadiene	10.951	225	199371	21.12	ng/ul	100
34) Caprolactam	11.527	113	82056m	21.04	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	257906	21.89	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	626351	21.55	ng/ul	100
37) 1-Methylnaphthalene	12.492	142	618893	21.50	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	378445	20.80	ng/ul	100
40) Hexachlorocyclopentadiene	12.627	237	219951	19.54	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	223356	21.93	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	241619	21.66	ng/ul	100
43) 1,1'-Biphenyl	13.286	154	838861	21.33	ng/ul	100
44) 2-Chloronaphthalene	13.321	162	667958	21.25	ng/ul	100
45) 2-Nitroaniline	13.521	65	176537	21.97	ng/ul	100
47) Dimethylphthalate	13.904	163	827967	21.71	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	148257	21.82	ng/ul	100
50) Acenaphthylene	14.168	152	990242	21.41	ng/ul	100
51) 3-Nitroaniline	14.345	138	151571	21.23	ng/ul	100
52) Acenaphthene	14.516	153	705278	21.19	ng/ul	100
53) 2,4-Dinitrophenol	14.551	184	66172	17.27	ng/ul	100
55) 4-Nitrophenol	14.663	109	114983	20.70	ng/ul	100
56) Dibenzofuran	14.845	168	1005080	21.58	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	224134	22.52	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.074	232	189529	21.85	ng/ul	100
59) Diethylphthalate	15.274	149	798271	21.68	ng/ul	100
61) Fluorene	15.498	166	869783	21.39	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	454800	21.29	ng/ul	100
63) 4-Nitroaniline	15.504	138	167410	23.19	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.568	198	121634	18.20	ng/ul	100
67) N-Nitrosodiphenylamine	15.704	169	680326	21.50	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	242136	20.89	ng/ul	100
69) Hexachlorobenzene	16.498	284	285594	21.07	ng/ul	100
70) Atrazine	16.657	200	256471	20.80	ng/ul	100
71) Pentachlorophenol	16.839	266	149620	18.00	ng/ul	100
72) Phenanthrene	17.233	178	1261748	21.09	ng/ul	100
74) Anthracene	17.321	178	1278457	21.15	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	366230	20.85	ng/uL	100
76) Pentachlorobenzene	14.768	250	365555	21.23	ng/uL	100
77) Carbazole	17.586	167	1117962	20.16	ng/ul	100
78) Di-n-butylphthalate	18.162	149	1310055	21.53	ng/ul	100
80) Fluoranthene	19.245	202	1398138	21.14	ng/ul	100
82) Pyrene	19.609	202	1541932	21.28	ng/ul	100
83) Butylbenzylphthalate	20.509	149	530050	21.94	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.327	252	434475	20.31	ng/ul	100
85) Benzo(a)anthracene	21.409	228	1518270	21.25	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	851370	22.04	ng/ul	100
87) Chrysene	21.468	228	1390895	21.15	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	1291264	19.63	ng/ul	100
90) Benzo(b)fluoranthene	23.486	252	1382337	21.05	ng/ul	100
91) Benzo(k)fluoranthene	23.550	252	1368254	20.55	ng/ul	100
93) Benzo(a)pyrene	24.297	252	1286601	21.16	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.832	276	1584141	20.95	ng/ul	100
95) Dibenzo(a,h)anthracene	27.897	278	1298339	20.94	ng/ul	100
96) Benzo(g,h,i)perylene	28.891	276	1220431	21.10	ng/ul	100

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

