

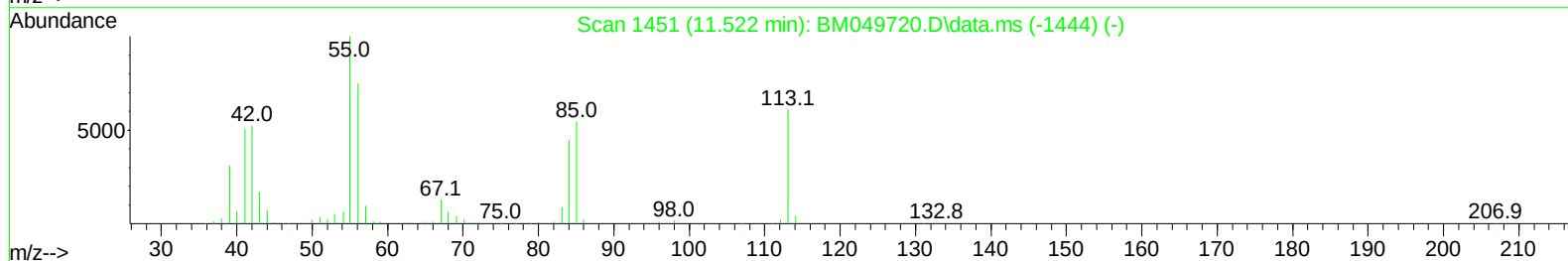
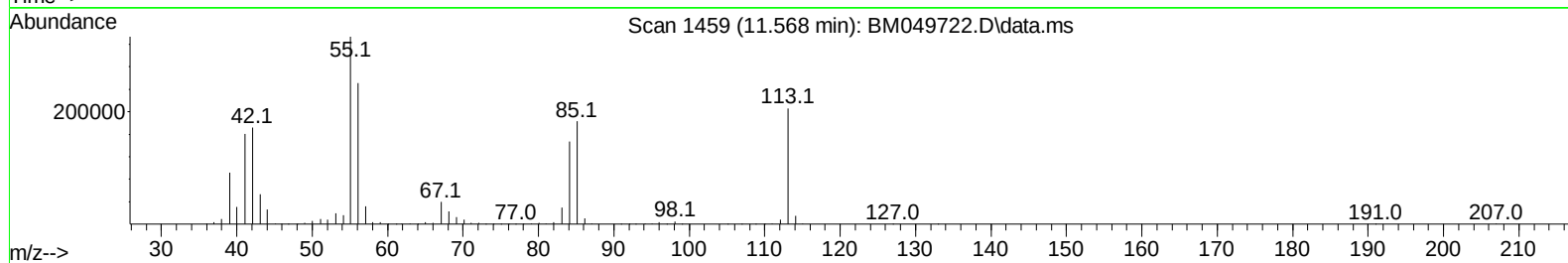
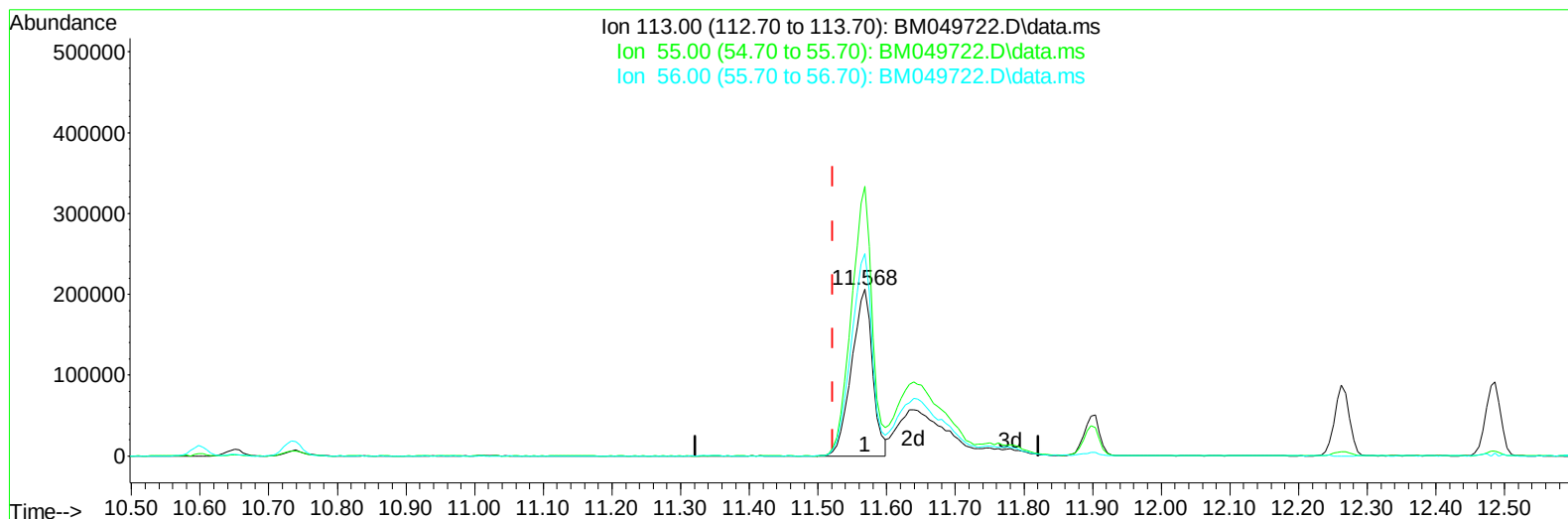
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
Data File : BM049722.D
Acq On : 14 Mar 2025 13:24
Operator : RC/JU
Sample : SSTD08088
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080031

Manual IntegrationsAPPROVED

Quant Time: Mar 14 14:17:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:07:56 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/14/2025
Supervised By :Jagrut Upadhyay 03/17/2025



TIC: BM049722.D\data.ms

(34) Caprolactam

11.568min (+ 0.047) 47.09 ng/ul

response 436180

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.70	161.85
56.00	123.60	121.65
0.00	0.00	0.00

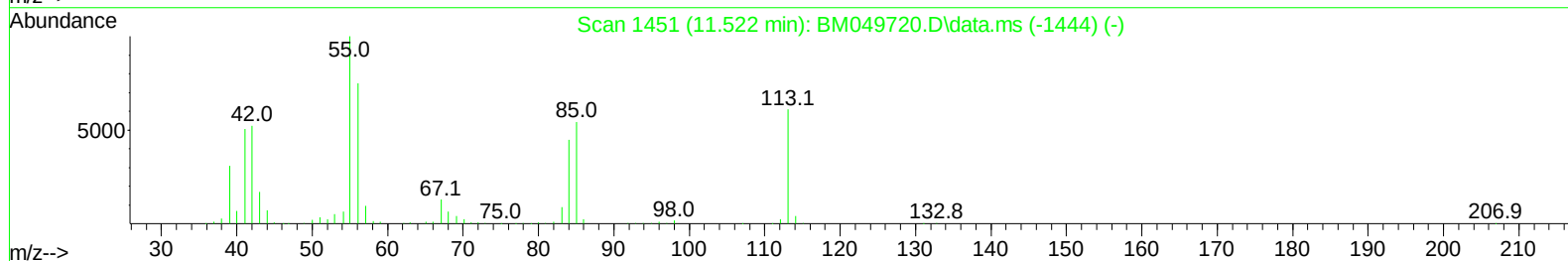
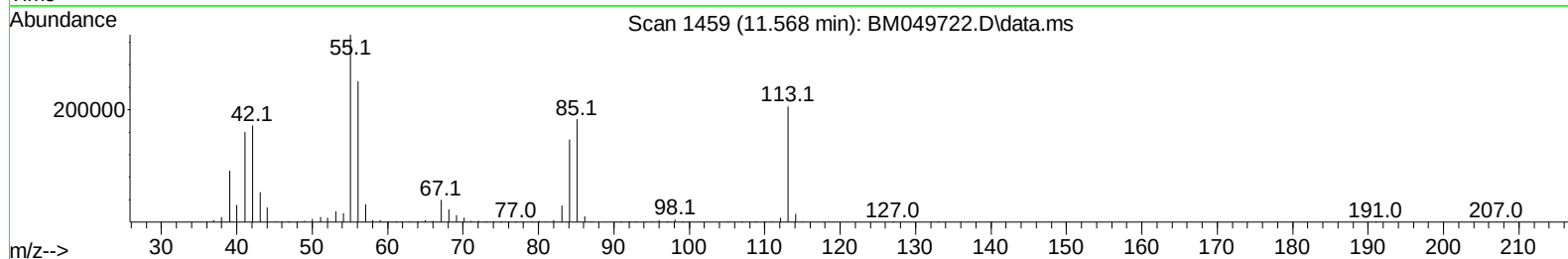
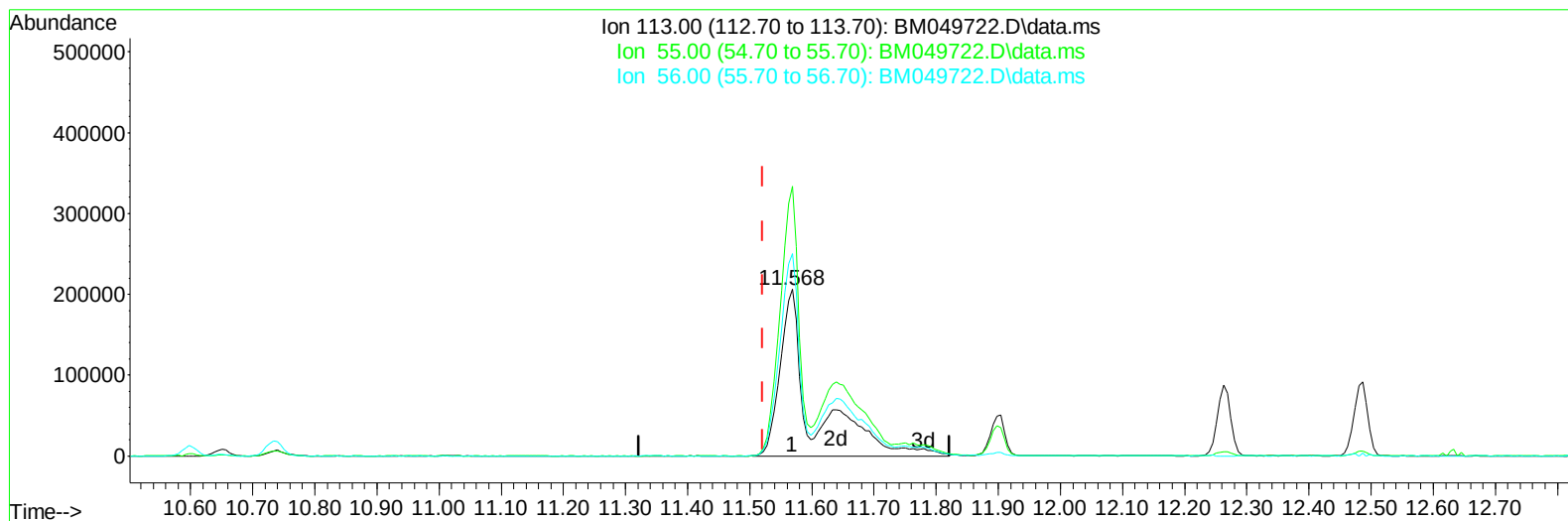
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
Data File : BM049722.D
Acq On : 14 Mar 2025 13:24
Operator : RC/JU
Sample : SSTD08088
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080031

Manual IntegrationsAPPROVED

Quant Time: Mar 14 14:17:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:07:56 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/14/2025
Supervised By :Jagrut Upadhyay 03/17/2025



TIC: BM049722.D\data.ms

(34) Caprolactam

11.568min (+ 0.047) 80.58 ng/ul m

response 746357

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.70	161.85
56.00	123.60	121.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
 Data File : BM049722.D
 Acq On : 14 Mar 2025 13:24
 Operator : RC/JU
 Sample : SSTD08088
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080031

Manual IntegrationsAPPROVED

Quant Time: Mar 14 14:51:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:07:56 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/14/2025
 Supervised By :Jagrut Upadhyay 03/17/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	478442	20.00	ng/uL	0.00
20) Naphthalene-d8	10.598	136	1835553	20.00	ng/uL	0.00
38) Acenaphthene-d10	14.445	164	1259274	20.00	ng/uL	0.00
64) Phenanthrene-d10	17.186	188	2420757	20.00	ng/uL	0.00
79) Chrysene-d12	21.427	240	2031628	20.00	ng/uL	0.00
88) Perylene-d12	24.444	264	1422997	20.00	ng/uL	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.245	96	364013	29.35	ng/uL	0.00
4) Pyridine-d5	3.657	84	2925000	78.81	ng/uL	0.00
7) Phenol-d5	6.981	99	3301206	84.39	ng/uL	0.01
9) Bis-(2-Chloroethyl)eth...	7.133	67	1959576	76.39	ng/uL	0.00
11) 2-Chlorophenol-d4	7.339	132	2529204	87.76	ng/uL	0.00
15) 4-Methylphenol-d8	8.527	113	2520285	84.71	ng/uL	0.02
21) Nitrobenzene-d5	8.963	128	1204515	86.83	ng/uL	0.01
24) 2-Nitrophenol-d4	9.686	143	1415059	99.52	ng/uL	0.01
28) 2,4-Dichlorophenol-d3	10.227	165	2944163	95.29	ng/uL	0.01
31) 4-Chloroaniline-d4	10.733	131	3362897	79.58	ng/uL	0.00
46) Dimethylphthalate-d6	13.862	166	7820723	84.25	ng/uL	0.01
49) Acenaphthylene-d8	14.139	160	9384240	86.12	ng/uL	0.00
54) 4-Nitrophenol-d4	14.662	143	1320013	80.84	ng/uL	0.02
60) Fluorene-d10	15.439	176	7300558	89.56	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	1417937	98.71	ng/uL	0.02
73) Anthracene-d10	17.292	188	11199727	90.80	ng/uL	0.01
81) Pyrene-d10	19.580	212	12057579	104.52	ng/uL	0.00
92) Benzo(a)pyrene-d12	24.244	264	7316083	95.83	ng/uL	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	381671	29.38	ng/uL	93
5) Pyridine	3.675	79	2886056	76.66	ng/uL	97
6) Benzaldehyde	6.939	77	1469899	66.82	ng/uL	99
8) Phenol	7.010	94	3342726	82.00	ng/uL	97
10) Bis(2-Chloroethyl)ether	7.228	93	2590458	78.77	ng/uL	99
12) 2-Chlorophenol	7.375	128	2574172	85.07	ng/uL	97
13) 2-Methylphenol	8.251	108	2453260	84.66	ng/uL	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	3206748	72.07	ng/uL	99
16) Acetophenone	8.627	105	3953819	78.90	ng/uL	96
17) N-Nitroso-di-n-propyla...	8.633	70	2025861	78.69	ng/uL	95
18) 4-Methylphenol	8.592	108	2672568	83.92	ng/uL	99
19) Hexachloroethane	8.886	117	1068887	78.73	ng/uL	94
22) Nitrobenzene	9.004	77	2880300	78.95	ng/uL	100
23) Isophorone	9.545	82	5677749	84.72	ng/uL	99
25) 2-Nitrophenol	9.716	139	1479272	92.19	ng/uL	99
26) 2,4-Dimethylphenol	9.786	107	2547199	82.50	ng/uL	99
27) Bis(2-Chloroethoxy)met...	10.016	93	3375053	80.80	ng/uL	100
29) 2,4-Dichlorophenol	10.257	162	2822983	90.58	ng/uL	98
30) Naphthalene	10.651	128	7974292	82.75	ng/uL	99
32) 4-Chloroaniline	10.763	127	3185075	78.40	ng/uL	100
33) Hexachlorobutadiene	10.945	225	2014870	90.43	ng/uL	99
34) Caprolactam	11.568	113	746357m	80.58	ng/uL	
35) 4-Chloro-3-methylphenol	11.898	107	2549843	91.75	ng/uL	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
 Data File : BM049722.D
 Acq On : 14 Mar 2025 13:24
 Operator : RC/JU
 Sample : SSTD08088
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080031

Manual IntegrationsAPPROVED

Quant Time: Mar 14 14:51:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:07:56 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/14/2025
 Supervised By :Jagrut Upadhyay 03/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	6036107	88.14	ng/ul	100
37) 1-Methylnaphthalene	12.486	142	5974249	88.19	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	4278696	95.99	ng/ul	98
40) Hexachlorocyclopentadiene	12.621	237	2414264	88.17	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	2475898	98.69	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	2638542	96.03	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	7969936	83.56	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	6276650	82.42	ng/ul	99
45) 2-Nitroaniline	13.527	65	1613020	83.66	ng/ul	98
47) Dimethylphthalate	13.910	163	7546030	81.59	ng/ul	100
48) 2,6-Dinitrotoluene	14.021	165	1556288	93.09	ng/ul	98
50) Acenaphthylene	14.168	152	9483250	84.43	ng/ul	99
51) 3-Nitroaniline	14.351	138	1339372	77.20	ng/ul	99
52) Acenaphthene	14.509	153	6838932	84.54	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	976350	101.38	ng/ul	95
55) 4-Nitrophenol	14.674	109	999516	74.77	ng/ul	99
56) Dibenzofuran	14.845	168	9487769	84.08	ng/ul	95
57) 2,4-Dinitrotoluene	14.809	165	2161012	89.08	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	2242751	103.99	ng/ul	95
59) Diethylphthalate	15.280	149	7198128	80.57	ng/ul	96
61) Fluorene	15.498	166	8054129	81.32	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	4849875	92.63	ng/ul#	91
63) 4-Nitroaniline	15.521	138	1176632	67.92	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.574	198	1543204	96.21	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	6758053	91.20	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	2881493	104.64	ng/ul	92
69) Hexachlorobenzene	16.498	284	3159530	99.02	ng/ul#	93
70) Atrazine	16.662	200	2378163	81.83	ng/ul	98
71) Pentachlorophenol	16.839	266	1940508	97.52	ng/ul	97
72) Phenanthrene	17.233	178	11996757	85.35	ng/ul	94
74) Anthracene	17.321	178	11692592	82.31	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.245	216	4032695	97.48	ng/uL	99
76) Pentachlorobenzene	14.768	250	4057964	100.00	ng/uL	99
77) Carbazole	17.592	167	10468193	80.63	ng/ul	98
78) Di-n-butylphthalate	18.156	149	11038129	77.59	ng/ul#	96
80) Fluoranthene	19.239	202	12535751	94.08	ng/ul	100
82) Pyrene	19.603	202	12545628	86.23	ng/ul	99
83) Butylbenzylphthalate	20.509	149	4398467	92.78	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.333	252	3641778	86.33	ng/ul	99
85) Benzo(a)anthracene	21.409	228	12081455	85.71	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.338	149	6220882	83.32	ng/ul#	95
87) Chrysene	21.474	228	11031744	85.31	ng/ul	97
89) Di-n-octyl phthalate	22.485	149	8970857	95.74	ng/ul	100
90) Benzo(b)fluoranthene	23.497	252	9184736	97.20	ng/ul	98
91) Benzo(k)fluoranthene	23.556	252	9187709	95.62	ng/ul	98
93) Benzo(a)pyrene	24.309	252	8166646	94.28	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.850	276	9183546	88.21	ng/ul	100
95) Dibenzo(a,h)anthracene	27.909	278	7506800	87.98	ng/ul	99
96) Benzo(g,h,i)perylene	28.920	276	6713140	84.97	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
 Data File : BM049722.D
 Acq On : 14 Mar 2025 13:24
 Operator : RC/JU
 Sample : SSTD080088
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080031

Manual IntegrationsAPPROVED

Quant Time: Mar 14 14:51:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:07:56 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/14/2025
 Supervised By :Jagrut Upadhyay 03/17/2025

