

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034457.D
 Acq On : 08 Oct 2024 04:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020339

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 04:35:02 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 30 14:14:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	228484	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.134	136	931812	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.034	164	584677	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.792	188	1120736	20.000	ng/u1	0.00
79) Chrysene-d12	21.021	240	788932	20.000	ng/u1	-0.01
88) Perylene-d12	23.733	264	919592	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	38954	6.957	ng/uL	0.00
4) Pyridine-d5	3.381	84	264118	15.870	ng/u1	0.00
7) Phenol-d5	6.581	99	352584	17.387	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	207392	16.484	ng/u1	0.00
11) 2-Chlorophenol-d4	6.916	132	313761	19.657	ng/u1	-0.01
15) 4-Methylphenol-d8	8.099	113	289655	17.360	ng/u1	0.00
21) Nitrobenzene-d5	8.522	128	153368	20.650	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	165917	21.724	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	305202	21.219	ng/u1	0.00
31) 4-Chloroaniline-d4	10.281	131	397636	18.261	ng/u1	-0.01
46) Dimethylphthalate-d6	13.457	166	856208	19.595	ng/u1	-0.01
49) Acenaphthylene-d8	13.716	160	998042	20.304	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.269	143	140430	15.660	ng/u1	0.00
60) Fluorene-d10	15.034	176	713372	19.264	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	109889	16.445	ng/u1	0.00
73) Anthracene-d10	16.886	188	1048480	19.899	ng/u1	-0.01
81) Pyrene-d10	19.198	212	1039848	23.656	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.545	264	926306	19.610	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.028	88	41693	7.059	ng/uL	89
5) Pyridine	3.399	79	271555	15.945	ng/u1	94
6) Benzaldehyde	6.534	77	186835	17.455	ng/u1	95
8) Phenol	6.605	94	341574	16.179	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.822	93	294244	17.932	ng/u1	94
12) 2-Chlorophenol	6.952	128	308695	18.871	ng/u1	95
13) 2-Methylphenol	7.834	108	279390	17.705	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.910	45	388116	16.038	ng/u1	96
16) Acetophenone	8.193	105	433697	16.408	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.187	70	213374	16.302	ng/u1	93
18) 4-Methylphenol	8.157	108	298701	17.008	ng/u1	98
19) Hexachloroethane	8.428	117	131570	19.070	ng/u1	90
22) Nitrobenzene	8.563	77	329409	17.720	ng/u1	93
23) Isophorone	9.087	82	617889	18.024	ng/u1	96
25) 2-Nitrophenol	9.263	139	175534	20.536	ng/u1	93
26) 2,4-Dimethylphenol	9.346	107	318730	18.125	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.575	93	396393	18.793	ng/u1	99
29) 2,4-Dichlorophenol	9.793	162	297885	20.454	ng/u1	96
30) Naphthalene	10.181	128	984594	19.317	ng/u1	99
32) 4-Chloroaniline	10.304	127	381944	17.799	ng/u1	99
33) Hexachlorobutadiene	10.475	225	195149	20.887	ng/u1	96
34) Caprolactam	11.081	113	123474m	21.295	ng/u1	
35) 4-Chloro-3-methylphenol	11.451	107	300374	17.519	ng/u1	94
36) 2-Methylnaphthalene	11.810	142	666962	18.997	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.034	142	691398	19.455	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.187	216	366701	21.725	ng/ul	99
40) Hexachlorocyclopentadiene	12.169	237	132745	12.782	ng/ul	100
41) 2,4,6-Trichlorophenol	12.445	196	236188	21.107	ng/ul	96
42) 2,4,5-Trichlorophenol	12.516	196	252629	20.554	ng/ul	99
43) 1,1'-Biphenyl	12.851	154	862841	19.574	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	687378	20.017	ng/ul	98
45) 2-Nitroaniline	13.110	65	181681	16.373	ng/ul	88
47) Dimethylphthalate	13.504	163	855534	19.211	ng/ul	98
48) 2,6-Dinitrotoluene	13.622	165	179724	20.496	ng/ul	91
50) Acenaphthylene	13.745	152	1099220	20.436	ng/ul	100
51) 3-Nitroaniline	13.951	138	176228	18.185	ng/ul	92
52) Acenaphthene	14.092	153	721840	18.797	ng/ul	98
53) 2,4-Dinitrophenol	14.163	184	78505	15.221	ng/ul#	84
55) 4-Nitrophenol	14.287	109	137387	18.040	ng/ul	91
56) Dibenzofuran	14.434	168	992371	18.897	ng/ul	96
57) 2,4-Dinitrotoluene	14.422	165	252051	19.066	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.675	232	210411	20.630	ng/ul	92
59) Diethylphthalate	14.892	149	880284	18.916	ng/ul	97
61) Fluorene	15.092	166	814583	18.962	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.098	204	404828	19.443	ng/ul	97
63) 4-Nitroaniline	15.128	138	172831	17.332	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.186	198	116947	15.760	ng/ul	96
67) N-Nitrosodiphenylamine	15.316	169	683520	20.353	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	258967	22.755	ng/ul	94
69) Hexachlorobenzene	16.098	284	297795	22.544	ng/ul	93
70) Atrazine	16.286	200	226828	18.642	ng/ul	100
71) Pentachlorophenol	16.451	266	175413	19.939	ng/ul	98
72) Phenanthrene	16.833	178	1215181	19.664	ng/ul	100
74) Anthracene	16.922	178	1243513	19.706	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	350738	22.486	ng/ul	96
76) Pentachlorobenzene	14.357	250	357183	22.490	ng/ul	94
77) Carbazole	17.204	167	1085187	18.685	ng/ul	100
78) Di-n-butylphthalate	17.786	149	1484644	20.109	ng/ul	99
80) Fluoranthene	18.863	202	1284665	24.999	ng/ul	97
82) Pyrene	19.227	202	1269537	22.980	ng/ul	96
83) Butylbenzylphthalate	20.169	149	590210	23.823	ng/ul	93
84) 3,3'-Dichlorobenzidine	20.951	252	290781	16.409	ng/ul	95
85) Benzo(a)anthracene	21.004	228	1098640	19.531	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.969	149	865875	23.878	ng/ul	95
87) Chrysene	21.063	228	1044507	19.461	ng/ul	98
89) Di-n-octyl phthalate	22.010	149	1399028	22.864	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1107915	19.761	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	1104823	19.975	ng/ul	98
93) Benzo(a)pyrene	23.604	252	1047282	19.773	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.721	276	1349255	20.560	ng/ul	97
95) Dibenzo(a,h)anthracene	26.774	278	1097980	20.699	ng/ul	97
96) Benzo(g,h,i)perylene	27.656	276	1098852	21.570	ng/ul	97

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

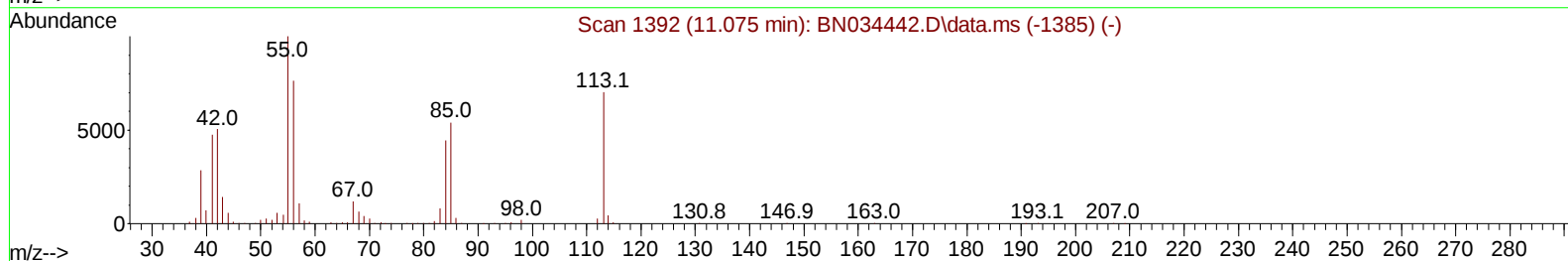
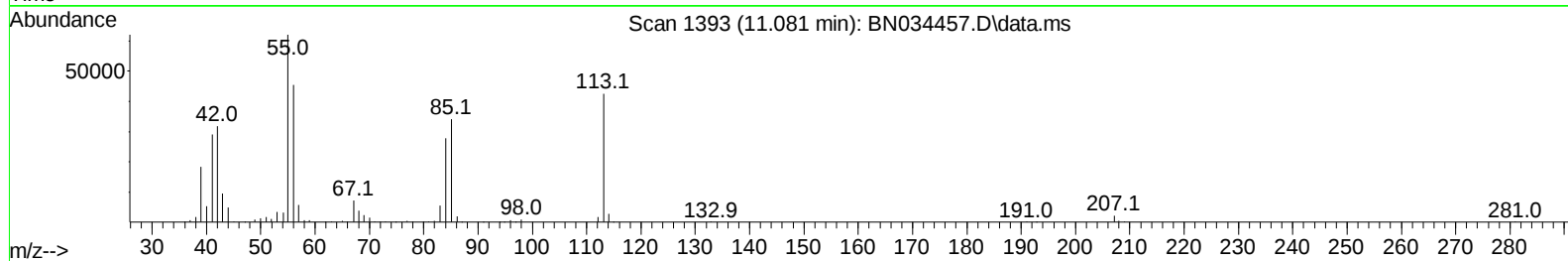
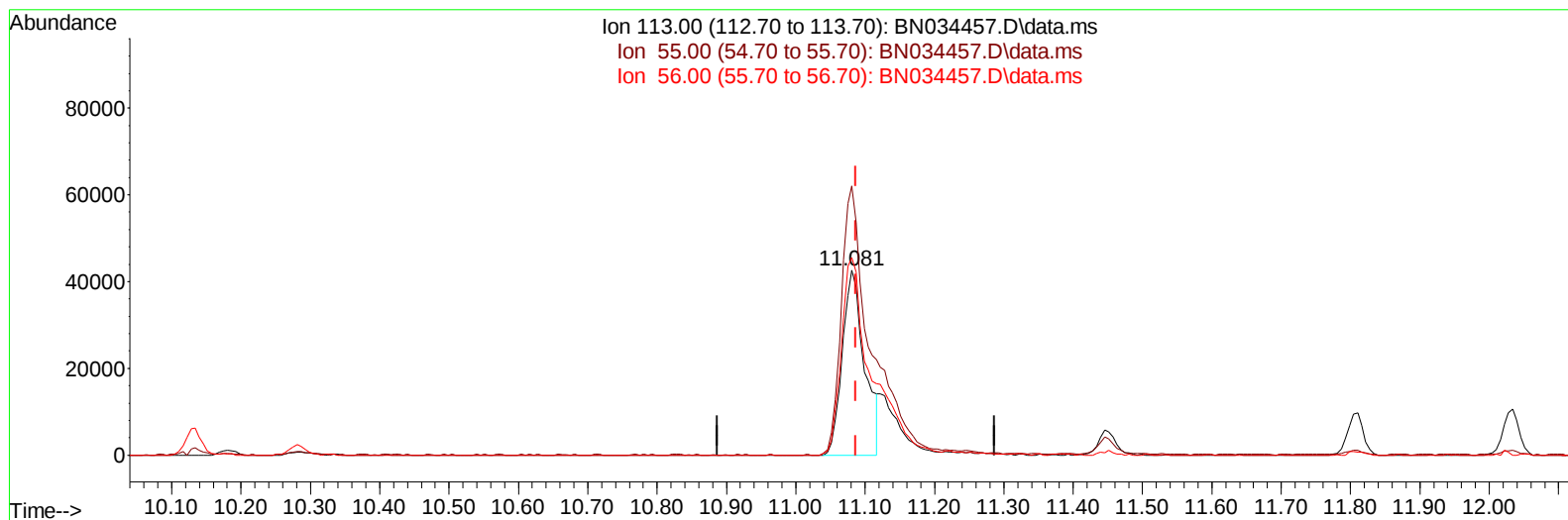
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TIC: BN034457.D\data.ms

(34) Caprolactam

11.081min (-0.006) 16.19 ng/ul

response 93891

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	145.53
56.00	124.60	106.91
0.00	0.00	0.00

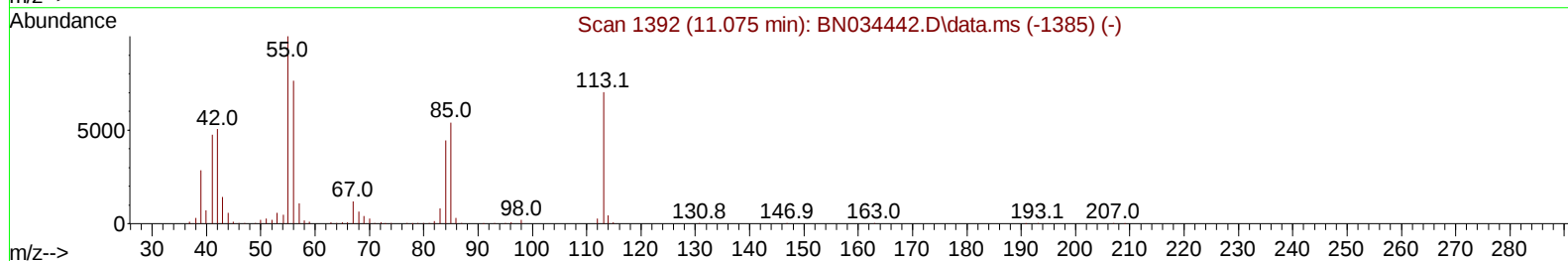
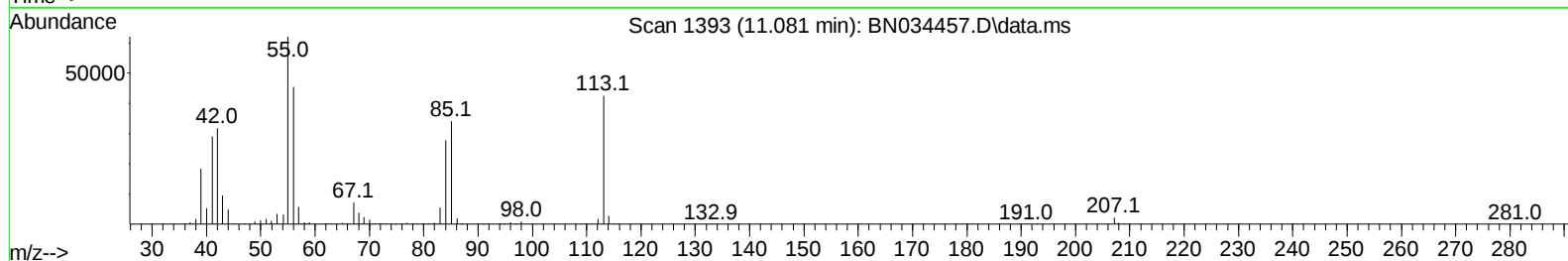
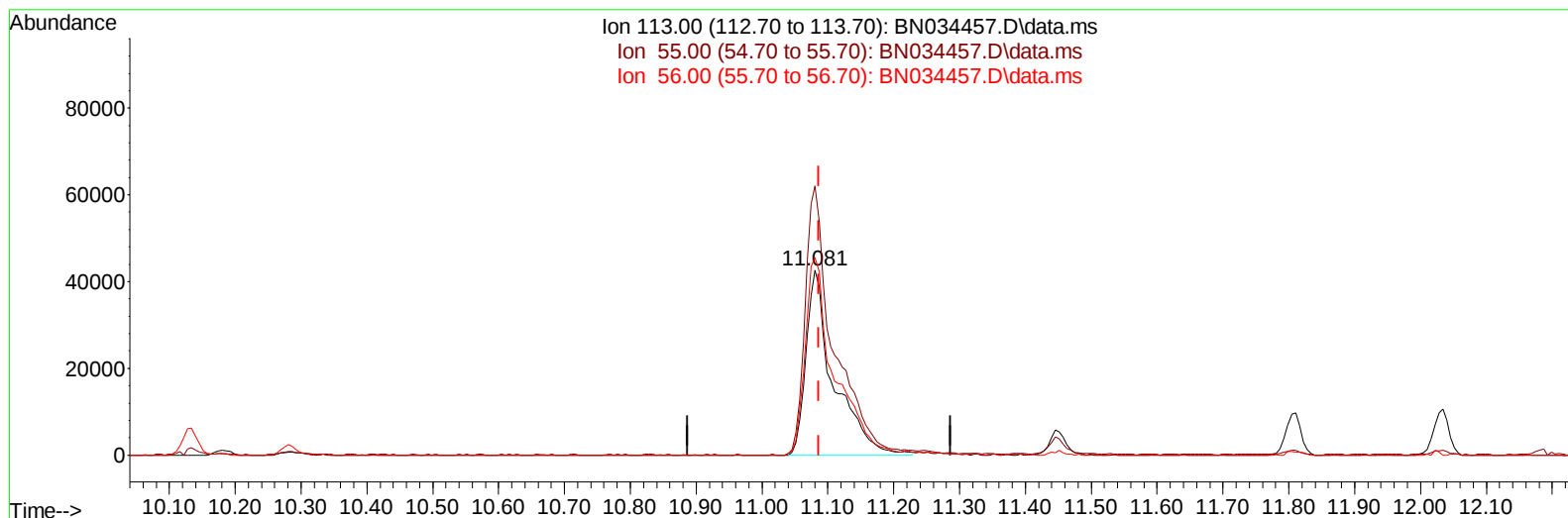
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TIC: BN034457.D\data.ms

(34) Caprolactam

11.081min (-0.006) 21.29 ng/ul m

response 123474

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	145.53
56.00	124.60	106.91
0.00	0.00	0.00

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

Internal Standards						
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20) Naphthalene-d8	10.134	136	931812	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	584677	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	1120736	20.000	ng/ul	0.00
79) Chrysene-d12	21.021	240	788932	20.000	ng/ul	-0.01
88) Perylene-d12	23.733	264	919592	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	38954	6.957	ng/uL	0.00
4) Pyridine-d5	3.381	84	264118	15.870	ng/ul	0.00
7) Phenol-d5	6.581	99	352584	17.387	ng/ul	0.00
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54) 4-Nitrophenol-d4	14.269	143	140430	15.660	ng/ul	0.00
60) Fluorene-d10	15.034	176	713372	19.264	ng/ul	-0.01
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80) Fluoranthene	18.863	202	1284665	24.999	ng/ul	97
82) Pyrene	19.227	202	1269537	22.980	ng/ul	96
83) Butylbenzylphthalate	20.169	149	590210	23.823	ng/ul	93
84) 3,3'-Dichlorobenzidine	20.951	252	290781	16.409	ng/ul	95
85) Benzo(a)anthracene	21.004	228	1098640	19.531	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.969	149	865875	23.878	ng/ul	95
87) Chrysene	21.063	228	1044507	19.461	ng/ul	98
89) Di-n-octyl phthalate	22.010	149	1399028	22.864	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1107915	19.761	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	1104823	19.975	ng/ul	98
93) Benzo(a)pyrene	23.604	252	1047282	19.773	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.721	276	1349255	20.560	ng/ul	97
95) Dibenzo(a,h)anthracene	26.774	278	1097980	20.699	ng/ul	97
96) Benzo(g,h,i)perylene	27.656	276	1098852	21.570	ng/ul	97

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