

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024941.D
 Acq On : 15 Apr 2023 19:31
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020273

Quant Time: Apr 17 04:04:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 17 02:58:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	355282	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1581834	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	973237	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	2158284	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	2090687	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	2332533	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	75288	8.065	ng/uL	0.00
4) Pyridine-d5	3.728	84	574891	20.567	ng/u1	0.00
7) Phenol-d5	7.093	99	717559	20.716	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	480069	20.722	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	548504	21.548	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	579517	21.075	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	280115	21.871	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	310950	22.414	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	551057	22.223	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	814967	21.657	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1640941	21.750	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	1922204	22.233	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	334993	21.660	ng/u1	0.00
60) Fluorene-d10	15.575	176	1405074	22.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	295534	21.040	ng/u1	0.00
73) Anthracene-d10	17.428	188	2217155	21.873	ng/u1	0.00
81) Pyrene-d10	19.722	212	2584237	21.286	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	2599493	21.314	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	82794	8.219	ng/uL	93
5) Pyridine	3.752	79	589399	20.409	ng/u1	99
6) Benzaldehyde	7.069	77	422654	24.974	ng/u1	98
8) Phenol	7.122	94	760095	21.071	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.358	93	597755	21.107	ng/u1	99
12) 2-Chlorophenol	7.493	128	567754	21.355	ng/u1	99
13) 2-Methylphenol	8.381	108	558824	21.100	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1135399	20.417	ng/u1	99
16) Acetophenone	8.763	105	929068	21.368	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.752	70	494539	21.087	ng/u1	99
18) 4-Methylphenol	8.710	108	613838	20.842	ng/u1	98
19) Hexachloroethane	9.016	117	227027	21.159	ng/u1	98
22) Nitrobenzene	9.146	77	744952	21.646	ng/u1	98
23) Isophorone	9.669	82	1350108	21.371	ng/u1	99
25) 2-Nitrophenol	9.863	139	334882	22.378	ng/u1	94
26) 2,4-Dimethylphenol	9.916	107	682187	21.651	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.157	93	828453	21.072	ng/u1	98
29) 2,4-Dichlorophenol	10.393	162	541719	21.768	ng/u1	99
30) Naphthalene	10.799	128	1896951	21.473	ng/u1	100
32) 4-Chloroaniline	10.910	127	828400	21.746	ng/u1	100
33) Hexachlorobutadiene	11.081	225	316453	21.816	ng/u1	97
34) Caprolactam	11.687	113	182327m	20.903	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	642078	22.005	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	1261944	21.614	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1246312	21.384	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	625229	22.024	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	372810	21.536	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	432246	22.285	ng/ul	96
42) 2,4,5-Trichlorophenol	13.087	196	478966	22.565	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	1673601	21.583	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1322202	21.960	ng/ul	99
45) 2-Nitroaniline	13.663	65	465499	22.140	ng/ul	98
47) Dimethylphthalate	14.040	163	1648711	21.719	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	342583	23.121	ng/ul	98
50) Acenaphthylene	14.304	152	2104653	22.163	ng/ul	99
51) 3-Nitroaniline	14.487	138	354726	22.781	ng/ul	99
52) Acenaphthene	14.645	153	1433009	21.828	ng/ul	98
53) 2,4-Dinitrophenol	14.693	184	200476	21.043	ng/ul	95
55) 4-Nitrophenol	14.793	109	279959	22.241	ng/ul	94
56) Dibenzofuran	14.981	168	1968273	21.751	ng/ul	96
57) 2,4-Dinitrotoluene	14.945	165	493792	23.022	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	398658	22.808	ng/ul	97
59) Diethylphthalate	15.398	149	1705123	22.354	ng/ul	98
61) Fluorene	15.628	166	1633764	22.447	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.622	204	777775	22.958	ng/ul	98
63) 4-Nitroaniline	15.651	138	371358	24.201	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	298517	21.696	ng/ul	99
67) N-Nitrosodiphenylamine	15.834	169	1364025	20.832	ng/ul	97
68) 4-Bromophenyl-phenylether	16.516	248	470844	21.704	ng/ul	95
69) Hexachlorobenzene	16.634	284	523156	21.299	ng/ul	98
70) Atrazine	16.787	200	500217	22.451	ng/ul	100
71) Pentachlorophenol	16.975	266	332573	21.784	ng/ul	93
72) Phenanthrene	17.369	178	2591762	21.280	ng/ul	99
74) Anthracene	17.463	178	2620484	21.352	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	642301	20.923	ng/ul	97
76) Pentachlorobenzene	14.898	250	633801	21.580	ng/ul	98
77) Carbazole	17.734	167	2471469	22.303	ng/ul	98
78) Di-n-butylphthalate	18.292	149	2903798	22.077	ng/ul	99
80) Fluoranthene	19.386	202	3043251	20.916	ng/ul	99
82) Pyrene	19.751	202	3221947	21.038	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1391101	21.878	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	1093053	22.787	ng/ul	98
85) Benzo(a)anthracene	21.510	228	3203212	21.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	2051029	21.608	ng/ul	99
87) Chrysene	21.563	228	2972743	20.785	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3571833	22.283	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3441816	22.500	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	3071142	20.403	ng/ul	97
93) Benzo(a)pyrene	23.869	252	2899488	21.650	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.533	276	3371540	20.778	ng/ul	99
95) Dibenzo(a,h)anthracene	26.557	278	2745976	20.498	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	2606877	19.798	ng/ul	99

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

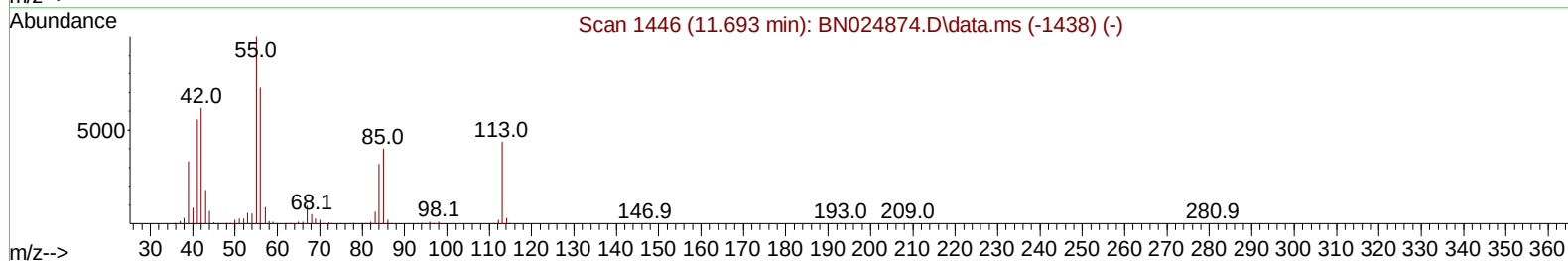
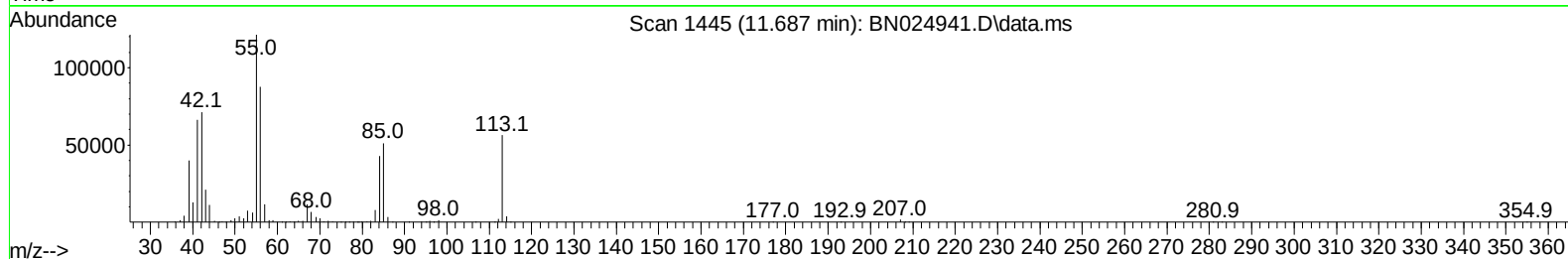
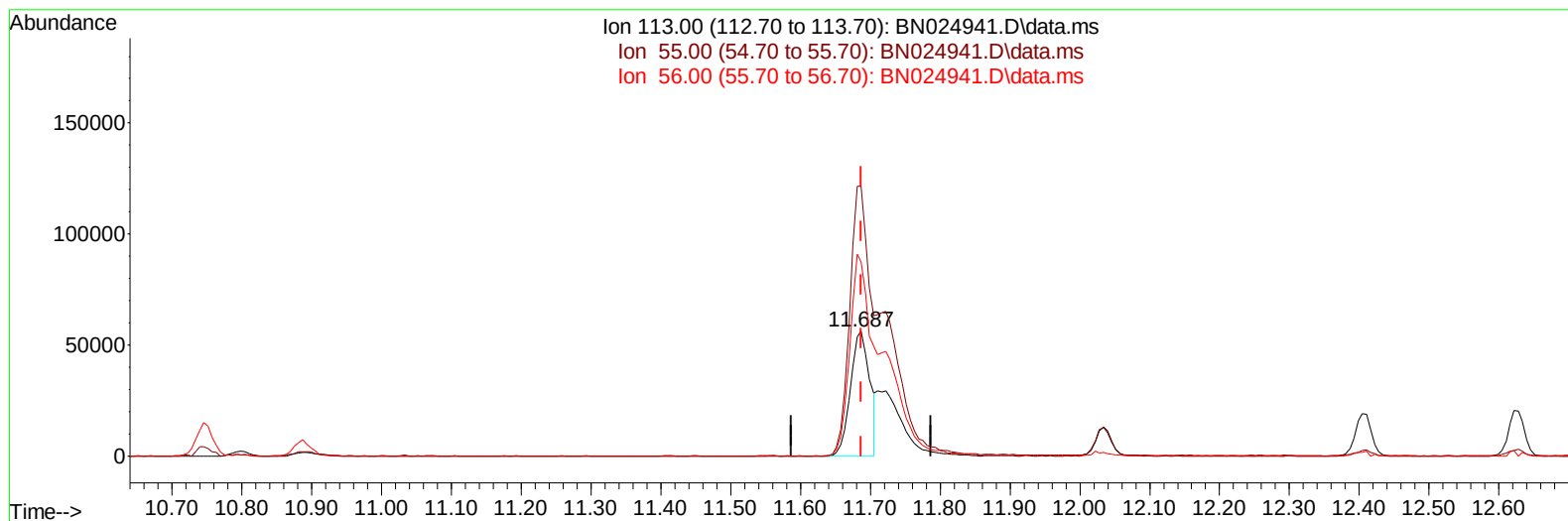
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TIC: BN024941.D\data.ms

(34) Caprolactam

11.687min (+ 0.000) 12.24 ng/ul

response 106740

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	215.36
56.00	166.90	155.32
0.00	0.00	0.00

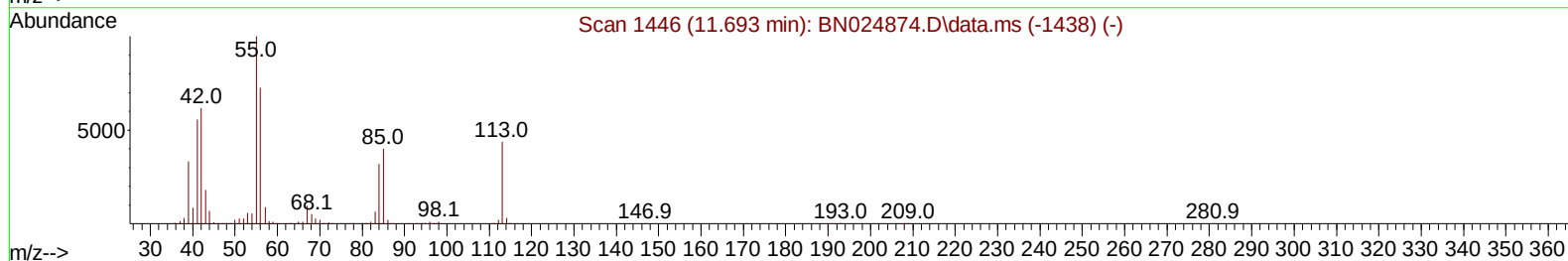
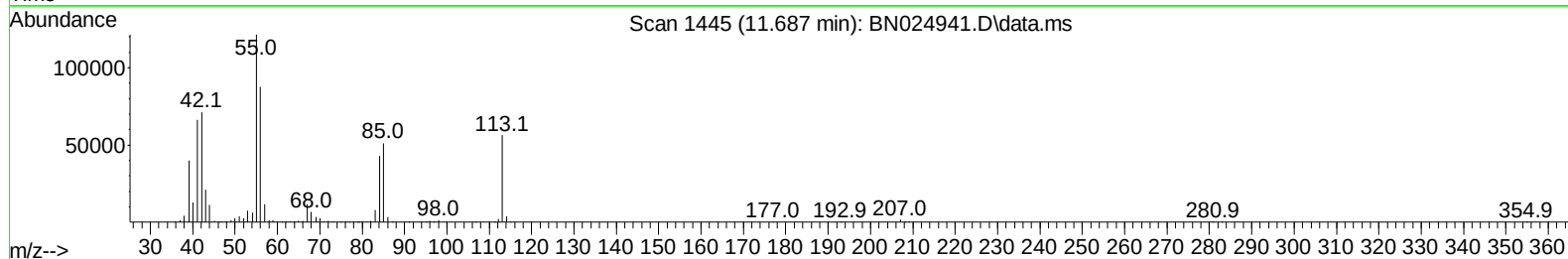
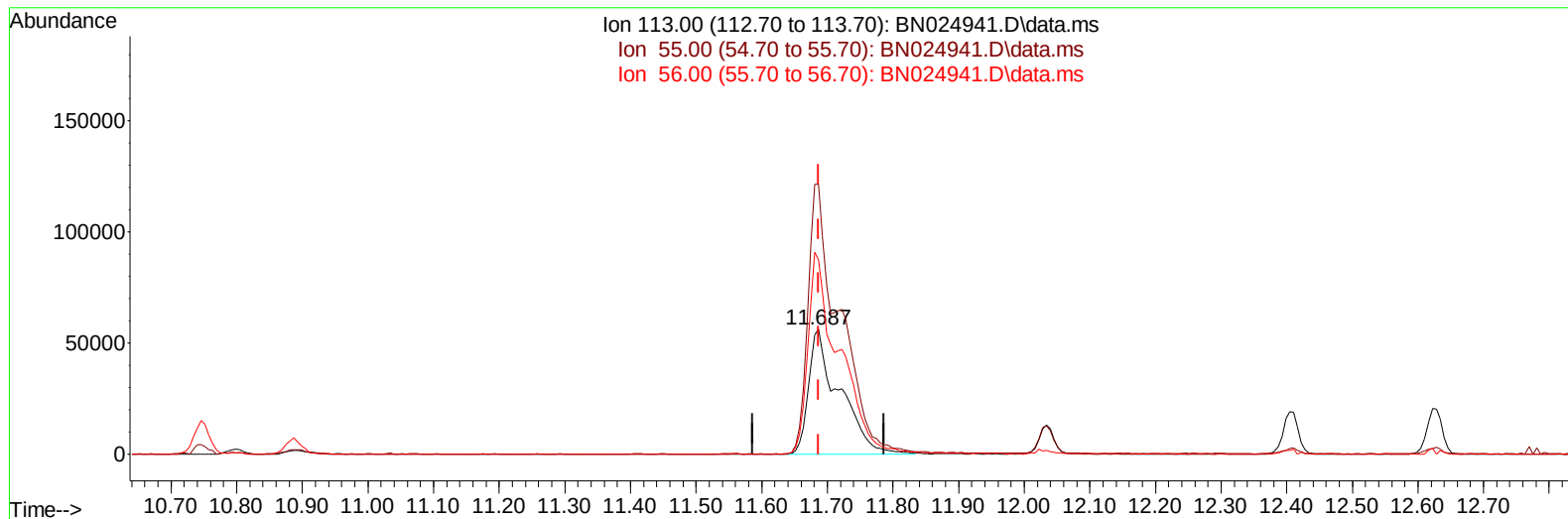
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(34) Caprolactam

11.687min (+ 0.000) 20.90 ng/ul m

response 182327

Ion	Exp%	Act%
113.00	100.00	100.00
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
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20) Naphthalene-d8	10.746	136	1581834	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	973237	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	2158284	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	2090687	20.000	ng/ul	0.00
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15) 4-Methylphenol-d8	8.652	113	579517	21.075	ng/ul	0.00
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54) 4-Nitrophenol-d4	14.781	143	334993	21.660	ng/ul	0.00
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82) Pyrene	19.751	202	3221947	21.038	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1391101	21.878	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	1093053	22.787	ng/ul	98
85) Benzo(a)anthracene	21.510	228	3203212	21.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	2051029	21.608	ng/ul	99
87) Chrysene	21.563	228	2972743	20.785	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3571833	22.283	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3441816	22.500	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	3071142	20.403	ng/ul	97
93) Benzo(a)pyrene	23.869	252	2899488	21.650	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.533	276	3371540	20.778	ng/ul	99
95) Dibenzo(a,h)anthracene	26.557	278	2745976	20.498	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	2606877	19.798	ng/ul	99

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

Instrument :

BNA_N

ClientSampleId :

SSTD020273

Manual Integrations**APPROVED**

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

