

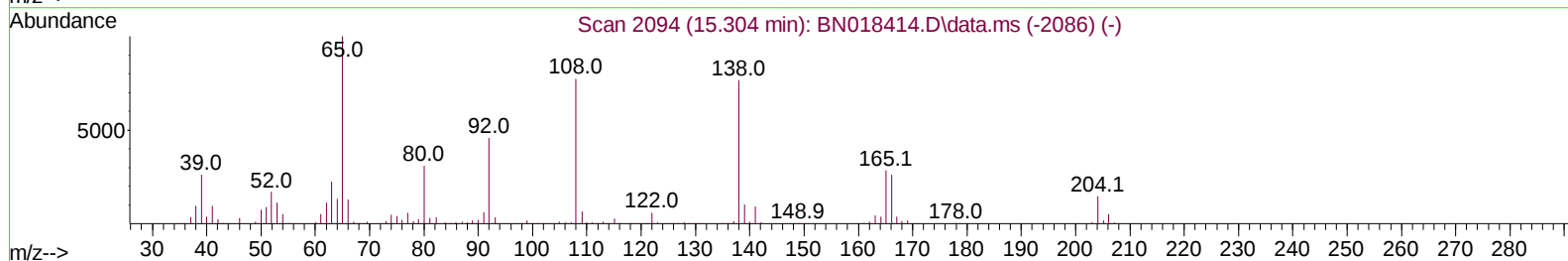
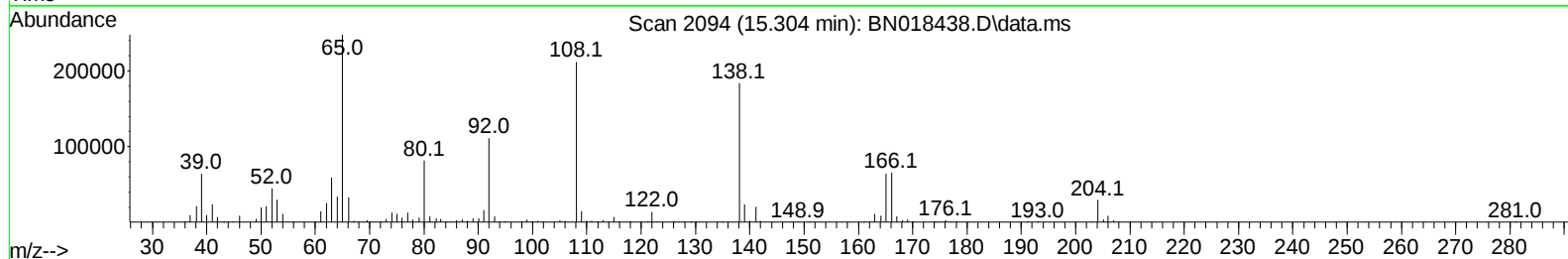
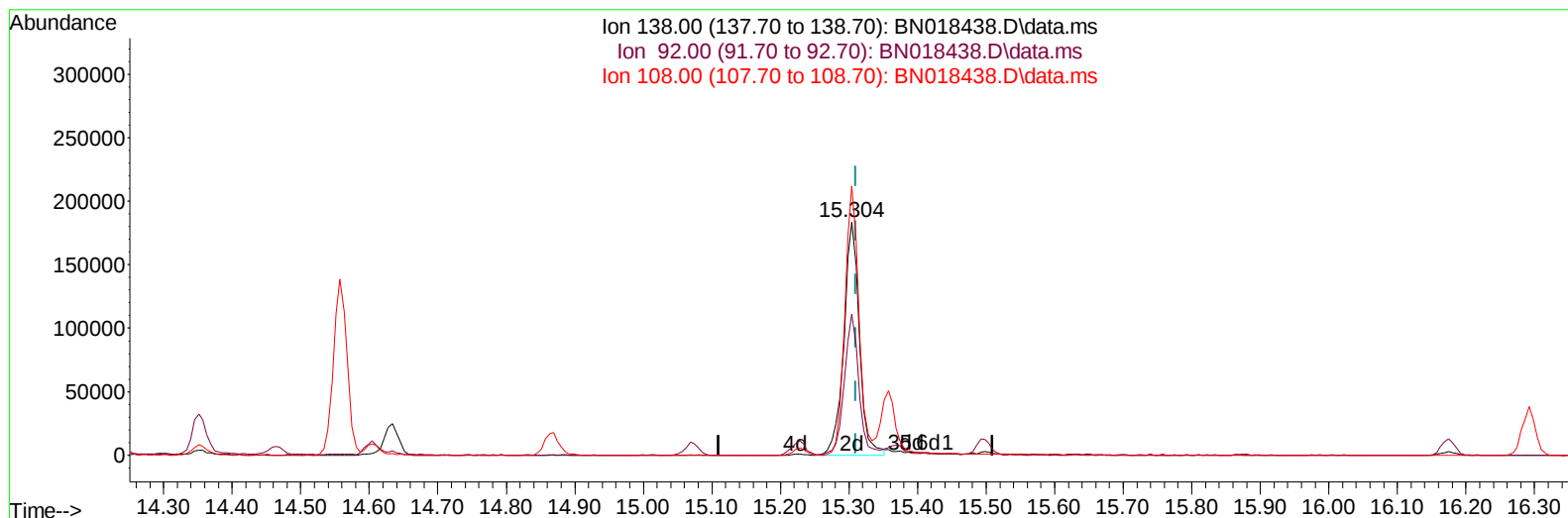
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012022\
 Data File : BN018438.D
 Acq On : 20 Jan 2022 14:45
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jan 20 15:52:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/20/2022
 Supervised By :mohammad ahmed 01/21/2022



TIC: BN018438.D\data.ms

(63) 4-Nitroaniline

15.304min (-0.006) 23.30 ng/ul m

response 289186

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.00	60.55
108.00	85.00	115.28#
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	7.581	152	320599	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.363	136	1452174	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.234	164	885857	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.981	188	1834511	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	1690509	20.000	ng/ul	0.00
88) Perylene-d12	23.392	264	1668408	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	55222	6.924	ng/uL	0.00
4) Pyridine-d5	3.458	84	488702	19.580	ng/ul	0.00
7) Phenol-d5	6.769	99	634261	20.356	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.922	67	379097	19.100	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.116	132	494840	21.681	ng/ul	-0.01
15) 4-Methylphenol-d8	8.305	113	519682	21.131	ng/ul	-0.01
21) Nitrobenzene-d5	8.734	128	249321	23.052	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.452	143	275518	23.831	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.993	165	488302	23.247	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.504	131	688979	21.343	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	1481449	23.024	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	1840286	22.625	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	250137	20.372	ng/ul	0.00
60) Fluorene-d10	15.228	176	1203194	22.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	216117	20.820	ng/ul	0.00
73) Anthracene-d10	17.075	188	1797509	21.156	ng/ul	0.00
81) Pyrene-d10	19.375	212	2135395	22.020	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.251	264	1980335	23.850	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	60811	6.777	ng/uL	95
5) Pyridine	3.475	79	496288	19.119	ng/ul	96
6) Benzaldehyde	6.722	77	433520	21.906	ng/ul	97
8) Phenol	6.793	94	658446	20.276	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.016	93	526528	20.110	ng/ul	94
12) 2-Chlorophenol	7.152	128	523118	21.720	ng/ul	92
13) 2-Methylphenol	8.040	108	503559	20.612	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.116	45	587042	16.895	ng/ul#	93
16) Acetophenone	8.399	105	826281	21.933	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.393	70	436868	21.224	ng/ul	90
18) 4-Methylphenol	8.363	108	536039	20.449	ng/ul	96
19) Hexachloroethane	8.658	117	224845	22.509	ng/ul#	77
22) Nitrobenzene	8.775	77	671587	23.504	ng/ul	99
23) Isophorone	9.299	82	1240679	21.619	ng/ul	97
25) 2-Nitrophenol	9.487	139	301090	23.393	ng/ul#	93
26) 2,4-Dimethylphenol	9.563	107	657500	23.035	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.793	93	724763	20.302	ng/ul	99
29) 2,4-Dichlorophenol	10.022	162	500066	23.504	ng/ul	97
30) Naphthalene	10.416	128	1686913	21.232	ng/ul	99
32) 4-Chloroaniline	10.528	127	710873	21.562	ng/ul	98
33) Hexachlorobutadiene	10.710	225	297426	25.636	ng/ul	97
34) Caprolactam	11.269	113	165390	19.776	ng/ul	84
35) 4-Chloro-3-methylphenol	11.669	107	611165	22.954	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	1168195	22.035	ng/ul	97
37) 1-Methylnaphthalene	12.257	142	1192955	21.624	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.416	216	545600	24.012	ng/ul#	93
40) Hexachlorocyclopentadiene	12.399	237	315777	24.197	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	373851	24.259	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	405378	24.815	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	1557796	22.580	ng/ul	98
44) 2-Chloronaphthalene	13.098	162	1183336	22.955	ng/ul#	92
45) 2-Nitroaniline	13.310	65	411269	25.490	ng/ul	98
47) Dimethylphthalate	13.698	163	1486109	22.757	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	294359	23.786	ng/ul#	80
50) Acenaphthylene	13.951	152	1876628	21.894	ng/ul	100
51) 3-Nitroaniline	14.140	138	313595	22.540	ng/ul	97
52) Acenaphthene	14.298	153	1218552	21.574	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	144114	20.676	ng/ul#	66
55) 4-Nitrophenol	14.463	109	275433	26.257	ng/ul#	73
56) Dibenzofuran	14.634	168	1703876	21.754	ng/ul#	88
57) 2,4-Dinitrotoluene	14.604	165	429831	24.140	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.863	232	322338	24.478	ng/ul#	75
59) Diethylphthalate	15.075	149	1563752	23.195	ng/ul	97
61) Fluorene	15.281	166	1317682	21.845	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.281	204	611574	22.675	ng/ul#	78
63) 4-Nitroaniline	15.304	138	289186m	23.303	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.369	198	222881	21.064	ng/ul#	69
67) N-Nitrosodiphenylamine	15.498	169	1153812	20.292	ng/ul	96
68) 4-Bromophenyl-phenylether	16.175	248	394427	22.172	ng/ul#	80
69) Hexachlorobenzene	16.292	284	468508	21.969	ng/ul#	86
70) Atrazine	16.457	200	424663	22.775	ng/ul	94
71) Pentachlorophenol	16.639	266	272254	22.366	ng/ul	93
72) Phenanthrene	17.016	178	2174420	20.858	ng/ul	100
74) Anthracene	17.110	178	2060354	19.909	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.028	216	605067	23.099	ng/uL	99
76) Pentachlorobenzene	14.557	250	549825	22.450	ng/uL	94
77) Carbazole	17.381	167	1941390	21.313	ng/ul#	95
78) Di-n-butylphthalate	17.963	149	2665067	23.801	ng/ul#	98
80) Fluoranthene	19.039	202	2549310	21.688	ng/ul	96
82) Pyrene	19.404	202	2523192	21.068	ng/ul#	95
83) Butylbenzylphthalate	20.327	149	1257145	25.321	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.098	252	854960	26.237	ng/ul#	97
85) Benzo(a)anthracene	21.163	228	2388335	21.583	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.116	149	1914344	25.350	ng/ul#	95
87) Chrysene	21.216	228	2290557	21.018	ng/ul	100
89) Di-n-octyl phthalate	21.986	149	3199657	26.764	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	2606713	24.371	ng/ul#	97
91) Benzo(k)fluoranthene	22.769	252	2340440	23.595	ng/ul#	98
93) Benzo(a)pyrene	23.298	252	2289308	22.445	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.645	276	2281240	20.223	ng/ul#	85
95) Dibenzo(a,h)anthracene	25.663	278	1976160	20.776	ng/ul	97
96) Benzo(g,h,i)perylene	26.327	276	1887308	19.968	ng/ul#	92

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

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