Quantitation Report (Qedit)

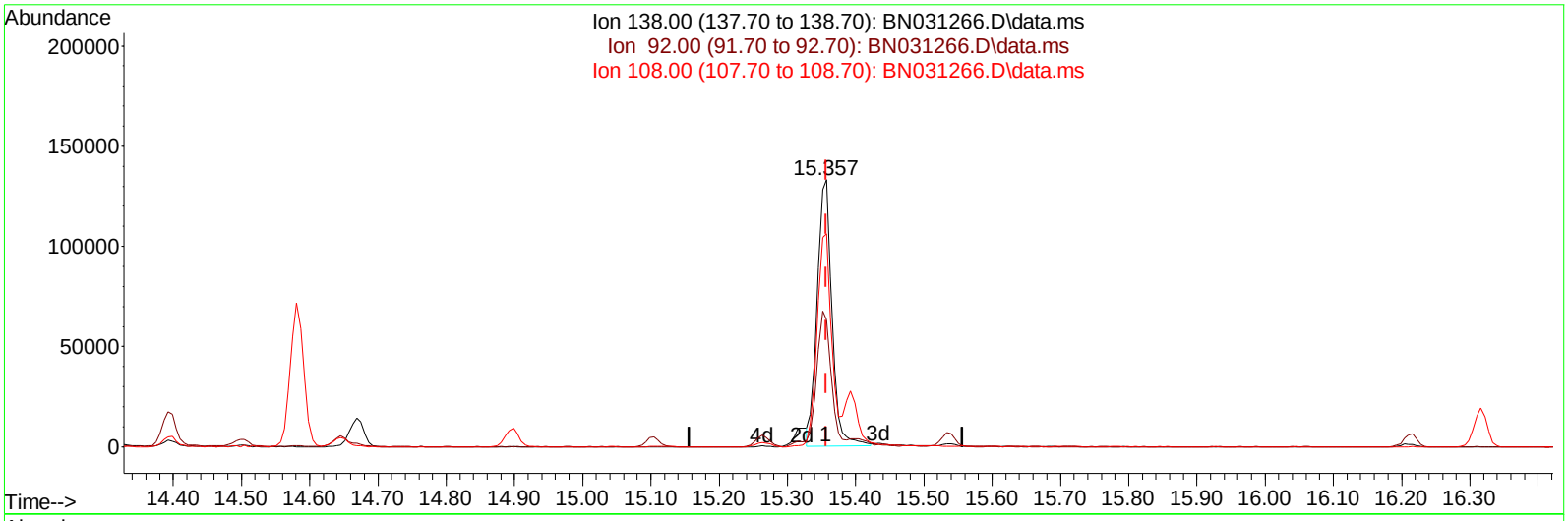
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031266.D
Acq On : 27 Apr 2024 06:21
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

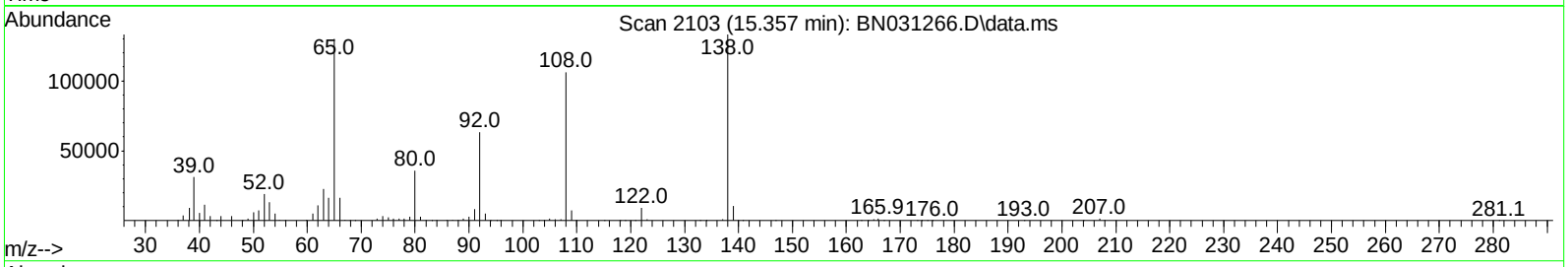
Quant Time: Apr 27 06:50:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

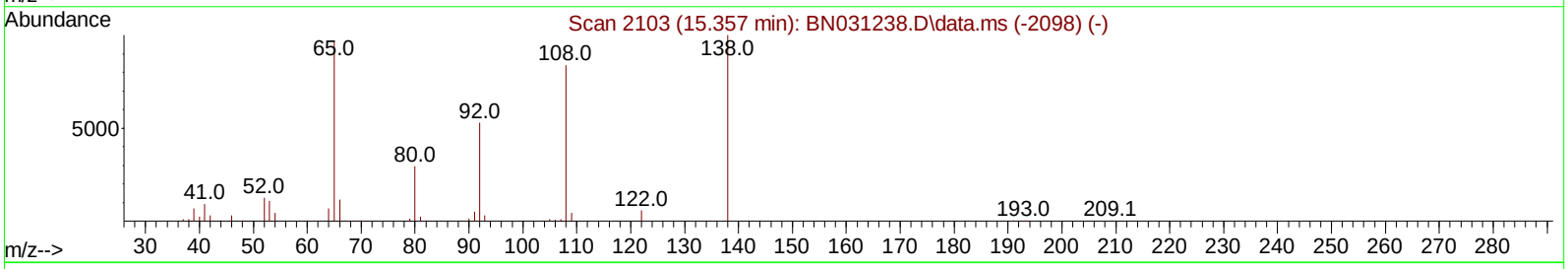
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024







TIC: BN031266.D\data.ms

(63) 4-Nitroaniline

15.357min (+ 0.000) 17.38 ng/ul

response 200900

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	47.62
108.00	79.80	79.79
0.00	0.00	0.00

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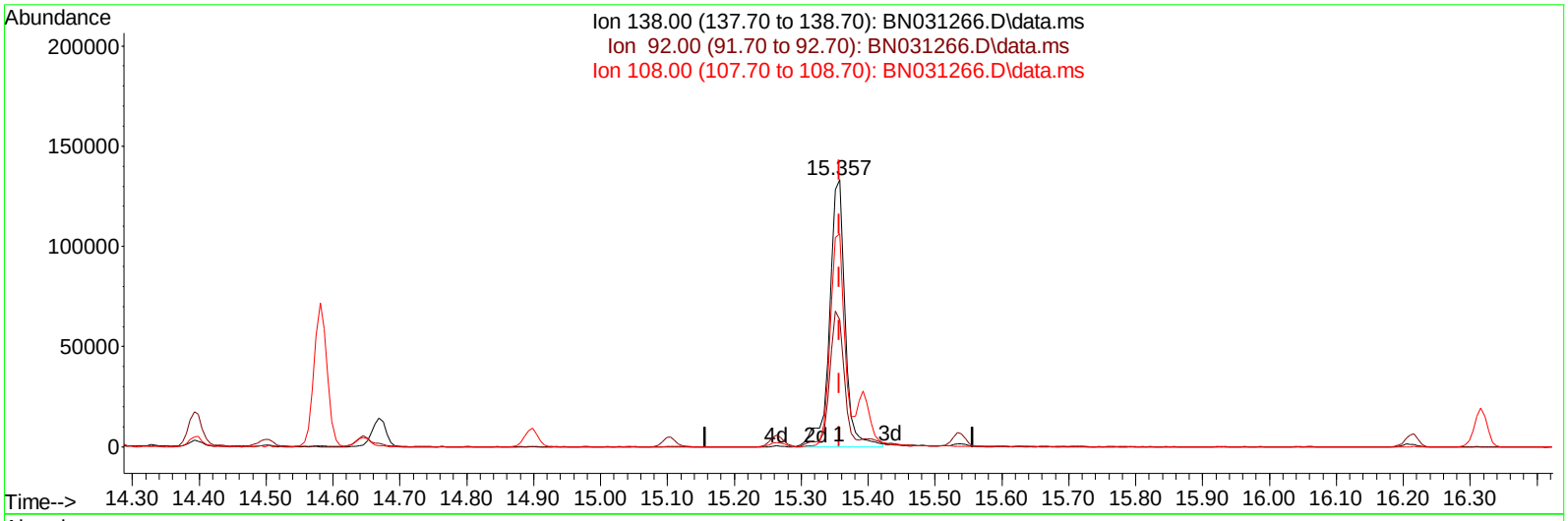

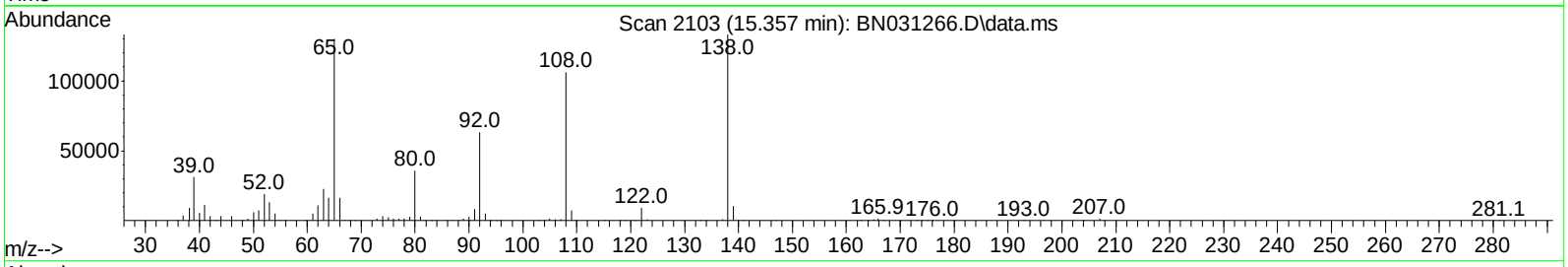

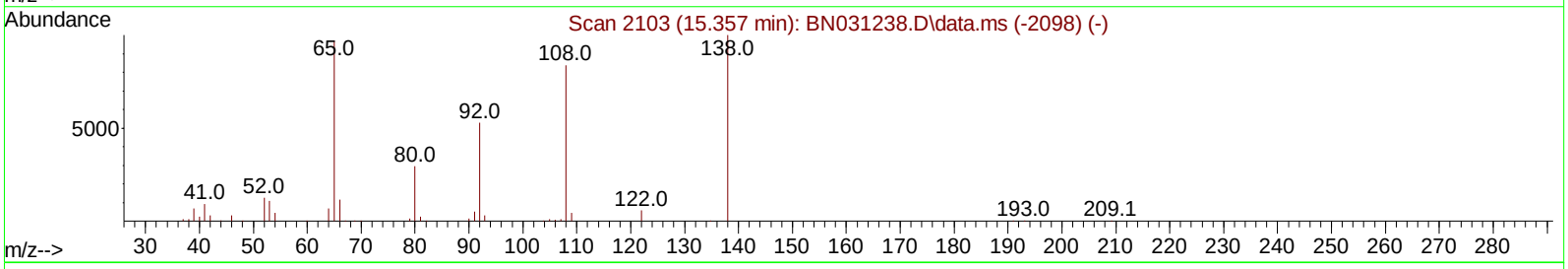

TIC: BN031266.D\data.ms

(63) 4-Nitroaniline

15.357min (+ 0.000) 18.69 ng/ul m

response 216063

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	47.62
108.00	79.80	79.79
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	296605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	1192472	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	693080	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1315079	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1058270	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1292690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	57787	9.102	ng/uL	0.00
4) Pyridine-d5	3.546	84	405179	22.161	ng/ul	0.00
7) Phenol-d5	6.799	99	490316	19.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	291974	20.057	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	405408	20.810	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	381684	18.139	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	195717	22.843	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	209954	23.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	376754	21.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	513382	18.705	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	980722	20.334	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1190586	21.784	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	175764	17.460	ng/ul	0.00
60) Fluorene-d10	15.263	176	832632	19.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.393	200	141542	21.333	ng/ul	0.00
73) Anthracene-d10	17.116	188	1197024	21.000	ng/ul	0.00
81) Pyrene-d10	19.422	212	1309890	25.189	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1271608	20.744	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	61592	9.155	ng/uL	97
5) Pyridine	3.564	79	400895	21.729	ng/ul	94
6) Benzaldehyde	6.775	77	288095	23.450	ng/ul	98
8) Phenol	6.822	94	498781	19.336	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.058	93	411517	20.218	ng/ul	99
12) 2-Chlorophenol	7.187	128	421493	20.815	ng/ul	98
13) 2-Methylphenol	8.063	108	372311	18.624	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.140	45	522311	19.683	ng/ul	99
16) Acetophenone	8.440	105	589149	18.071	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.428	70	287933	17.719	ng/ul	99
18) 4-Methylphenol	8.393	108	399514	17.842	ng/ul	98
19) Hexachloroethane	8.687	117	177345	21.105	ng/ul	97
22) Nitrobenzene	8.816	77	448019	22.156	ng/ul	99
23) Isophorone	9.340	82	819851	19.867	ng/ul	99
25) 2-Nitrophenol	9.522	139	228201	23.159	ng/ul	97
26) 2,4-Dimethylphenol	9.587	107	410360	20.421	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	518700	20.694	ng/ul	100
29) 2,4-Dichlorophenol	10.052	162	368771	21.022	ng/ul	98
30) Naphthalene	10.446	128	1296525	20.979	ng/ul	99
32) 4-Chloroaniline	10.569	127	499395	18.726	ng/ul	97
33) Hexachlorobutadiene	10.722	225	234490	21.927	ng/ul	98
34) Caprolactam	11.352	113	105733	15.298	ng/ul	98
35) 4-Chloro-3-methylphenol	11.699	107	378603	18.615	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	847499	19.446	ng/ul	97
37) 1-Methylnaphthalene	12.287	142	840431	19.058	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.440	216	424079	23.384	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	255283	25.625	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	272613	22.583	ng/ul	94
42) 2,4,5-Trichlorophenol	12.763	196	289799	21.653	ng/ul	94
43) 1,1'-Biphenyl	13.099	154	1061389	22.267	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	853814	22.416	ng/ul	99
45) 2-Nitroaniline	13.351	65	222740	21.183	ng/ul	99
47) Dimethylphthalate	13.734	163	1005092	20.200	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	198433	21.246	ng/ul	100
50) Acenaphthylene	13.987	152	1352881	21.191	ng/ul	99
51) 3-Nitroaniline	14.187	138	213564	19.917	ng/ul	93
52) Acenaphthene	14.334	153	877011	20.723	ng/ul	96
53) 2,4-Dinitrophenol	14.393	184	94000	17.797	ng/ul	97
55) 4-Nitrophenol	14.498	109	137856	16.875	ng/ul	97
56) Dibenzofuran	14.669	168	1181614	20.194	ng/ul	99
57) 2,4-Dinitrotoluene	14.645	165	283104	19.949	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.898	232	227546	19.672	ng/ul	97
59) Diethylphthalate	15.104	149	990211	19.351	ng/ul	99
61) Fluorene	15.322	166	927317	19.257	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	454132	19.800	ng/ul	99
63) 4-Nitroaniline	15.357	138	216063m	18.690	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	156303	21.940	ng/ul#	93
67) N-Nitrosodiphenylamine	15.540	169	785764	22.292	ng/ul	98
68) 4-Bromophenyl-phenylether	16.216	248	282255	22.695	ng/ul	93
69) Hexachlorobenzene	16.316	284	320475	22.352	ng/ul	99
70) Atrazine	16.492	200	263874	21.323	ng/ul	98
71) Pentachlorophenol	16.669	266	189443	20.337	ng/ul	97
72) Phenanthrene	17.063	178	1431459	20.580	ng/ul	99
74) Anthracene	17.151	178	1422396	20.207	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.057	216	411027	26.646	ng/uL	99
76) Pentachlorobenzene	14.581	250	377600	23.705	ng/uL	98
77) Carbazole	17.428	167	1294777	20.137	ng/ul	99
78) Di-n-butylphthalate	17.992	149	1645848	21.000	ng/ul	100
80) Fluoranthene	19.086	202	1544032	25.087	ng/ul	99
82) Pyrene	19.451	202	1565045	24.202	ng/ul	99
83) Butylbenzylphthalate	20.363	149	696169	24.398	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.169	252	469790	21.305	ng/ul	98
85) Benzo(a)anthracene	21.239	228	1552363	21.602	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1014043	23.669	ng/ul	99
87) Chrysene	21.298	228	1492785	21.884	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	1754162	23.542	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1591028	21.874	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	1576723	21.553	ng/ul	98
93) Benzo(a)pyrene	24.010	252	1518633	20.929	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.392	276	1898370	21.084	ng/ul	99
95) Dibenzo(a,h)anthracene	27.445	278	1572198	21.274	ng/ul	96
96) Benzo(g,h,i)perylene	28.404	276	1551599	21.399	ng/ul	97

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

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