Quantitation Report (Qedit)

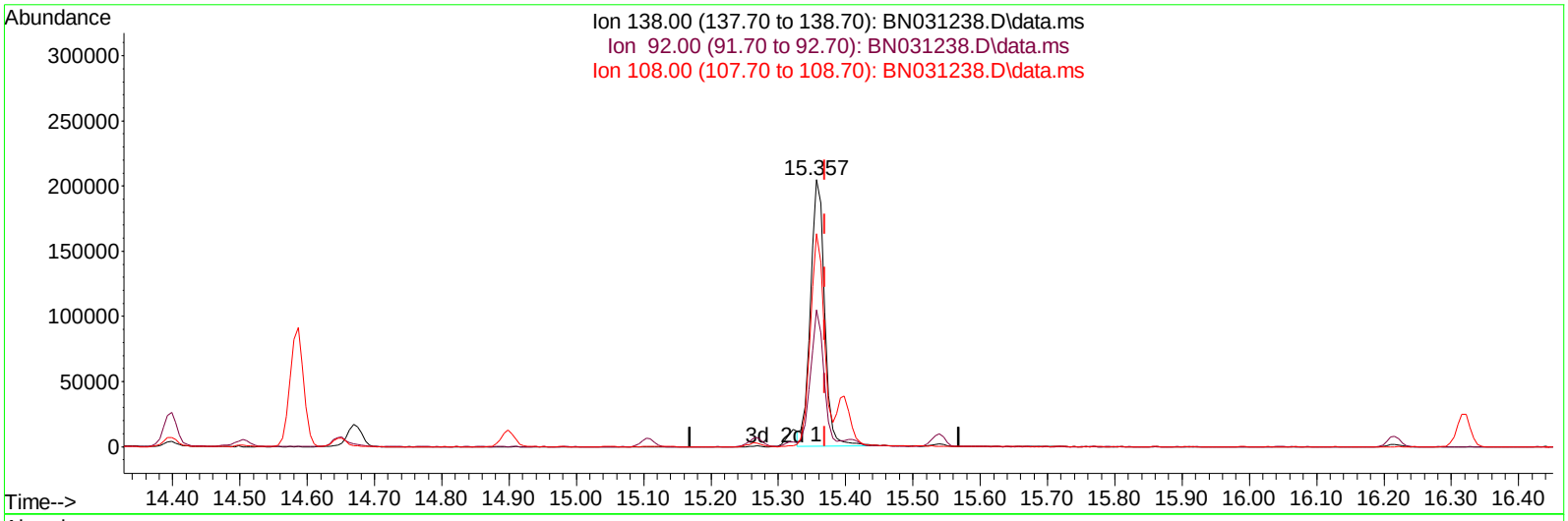
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031238.D
Acq On : 26 Apr 2024 09:43
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

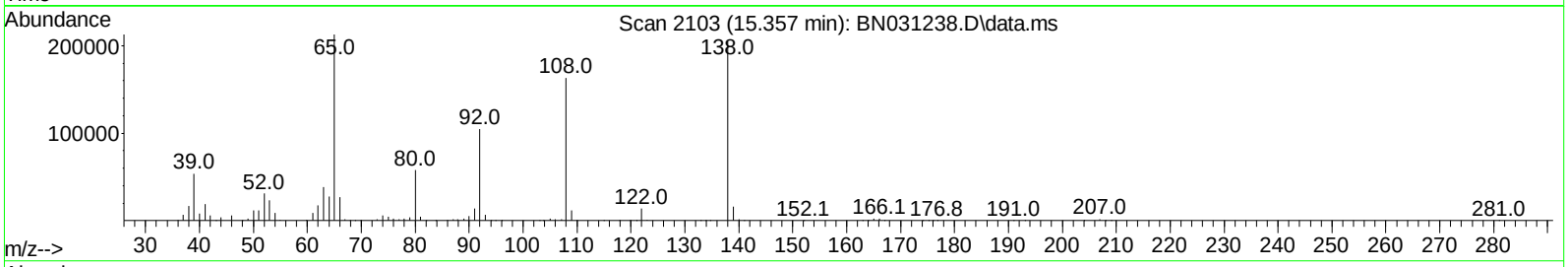
Quant Time: Apr 26 12:41:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

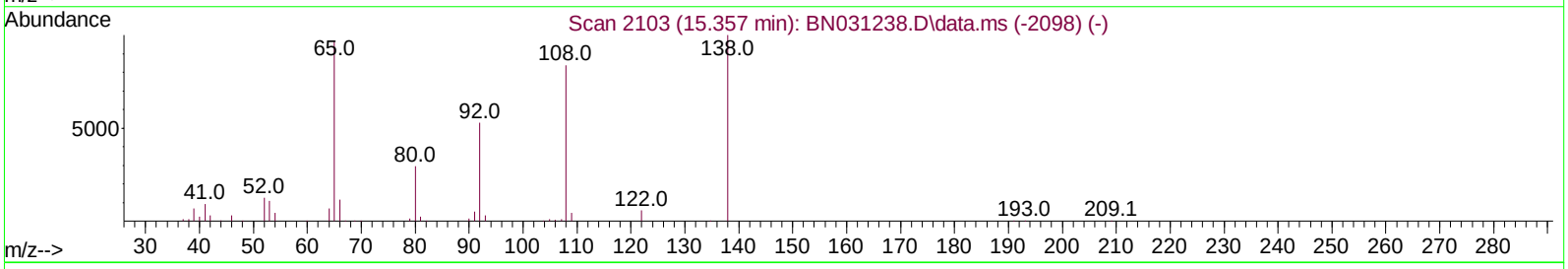
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN031238.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.012) 20.31 ng/ul

response 298523

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	51.22
108.00	79.80	79.75
0.00	0.00	0.00

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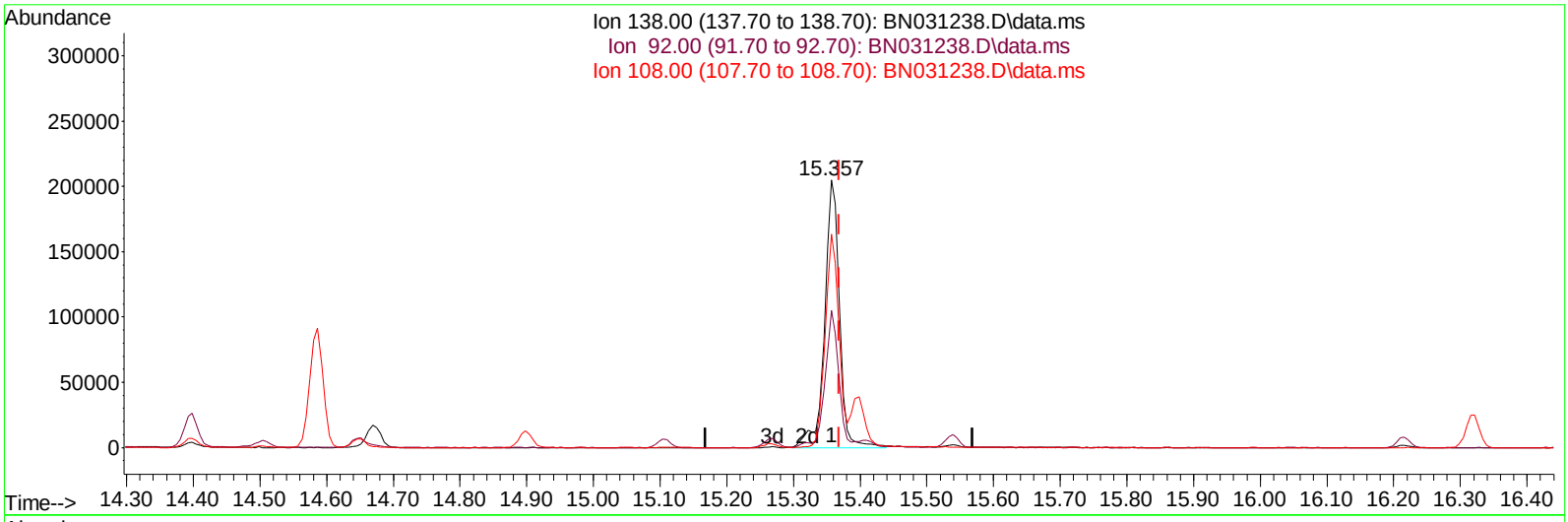

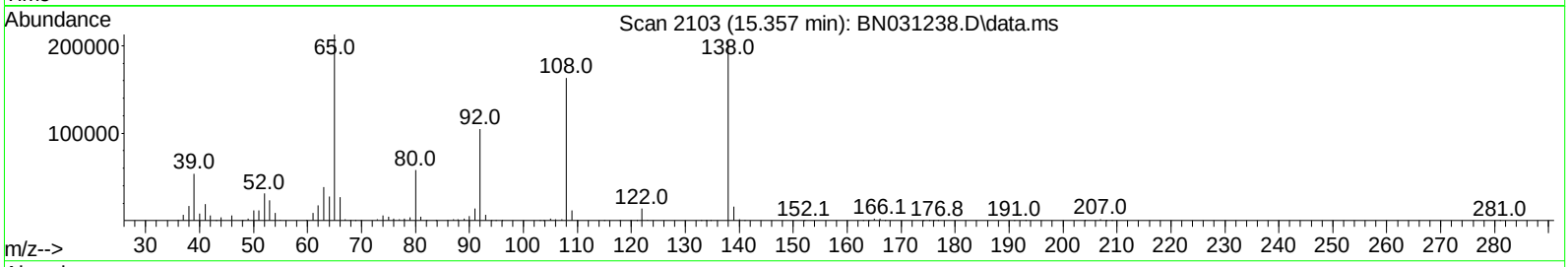

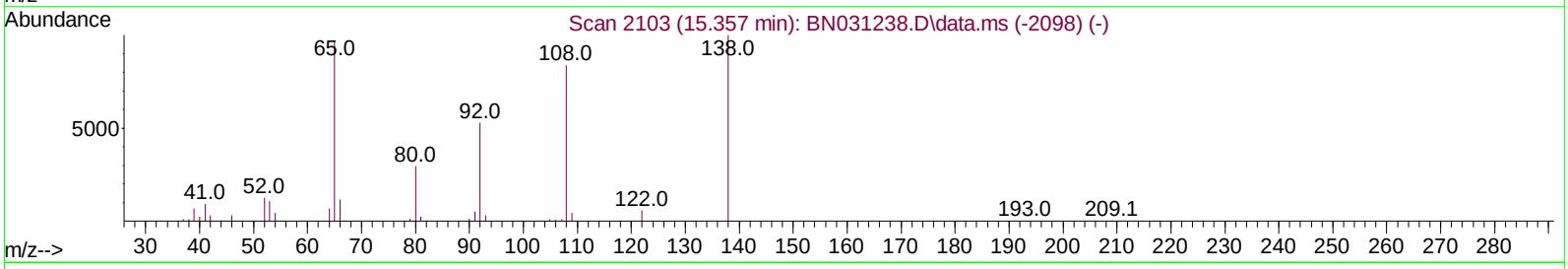

TIC: BN031238.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.012) 21.54 ng/ul m

response 316699

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	51.22
108.00	79.80	79.75
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	307818	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.399	136	1371027	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.269	164	881330	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.022	188	1830081	20.000	ng/ul	-0.01
79) Chrysene-d12	21.263	240	1580905	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1755212	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	55512	8.425	ng/uL	0.00
4) Pyridine-d5	3.546	84	398567	21.005	ng/ul	0.00
7) Phenol-d5	6.799	99	519357	20.001	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.963	67	313287	20.737	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.152	132	428890	21.213	ng/ul	-0.02
15) 4-Methylphenol-d8	8.334	113	431294	19.750	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	221042	22.439	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.493	143	241042	23.540	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.028	165	428483	21.220	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.546	131	626829	19.864	ng/ul	-0.02
46) Dimethylphthalate-d6	13.687	166	1339530	21.841	ng/ul	-0.01
49) Acenaphthylene-d8	13.963	160	1533979	22.072	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	255948	19.995	ng/ul	0.00
60) Fluorene-d10	15.269	176	1120389	20.985	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.398	200	215624	23.353	ng/ul	0.00
73) Anthracene-d10	17.122	188	1693965	21.355	ng/ul	-0.01
81) Pyrene-d10	19.427	212	1893501	24.374	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1758734	21.130	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	60085	8.605	ng/uL	96
5) Pyridine	3.564	79	391463	20.445	ng/ul	96
6) Benzaldehyde	6.775	77	302032	23.689	ng/ul	97
8) Phenol	6.822	94	529145	19.765	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.058	93	440870	20.872	ng/ul	98
12) 2-Chlorophenol	7.187	128	441052	20.987	ng/ul	97
13) 2-Methylphenol	8.063	108	412091	19.863	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	581861	21.128	ng/ul	99
16) Acetophenone	8.446	105	670990	19.831	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	343699	20.380	ng/ul	99
18) 4-Methylphenol	8.393	108	453249	19.504	ng/ul	99
19) Hexachloroethane	8.687	117	183976	21.097	ng/ul	98
22) Nitrobenzene	8.822	77	511020	21.980	ng/ul	98
23) Isophorone	9.346	82	1008040	21.246	ng/ul	99
25) 2-Nitrophenol	9.522	139	260810	23.022	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	482811	20.897	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	621126	21.553	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	430819	21.361	ng/ul	99
30) Naphthalene	10.451	128	1481375	20.849	ng/ul	99
32) 4-Chloroaniline	10.569	127	609791	19.888	ng/ul	100
33) Hexachlorobutadiene	10.728	225	258023	20.986	ng/ul	95
34) Caprolactam	11.357	113	151425	19.056	ng/ul	98
35) 4-Chloro-3-methylphenol	11.698	107	479153	20.490	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	1035399	20.664	ng/ul	100
37) 1-Methylnaphthalene	12.293	142	1028324	20.282	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	515973	22.374	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	301737	23.819	ng/ul	95
41) 2,4,6-Trichlorophenol	12.693	196	348542	22.706	ng/ul	90
42) 2,4,5-Trichlorophenol	12.763	196	385130	22.629	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	1326094	21.878	ng/ul	98
44) 2-Chloronaphthalene	13.140	162	1043977	21.554	ng/ul	99
45) 2-Nitroaniline	13.357	65	307422	22.991	ng/ul	98
47) Dimethylphthalate	13.734	163	1352267	21.373	ng/ul	98
48) 2,6-Dinitrotoluene	13.857	165	278295	23.432	ng/ul	99
50) Acenaphthylene	13.992	152	1722018	21.212	ng/ul	99
51) 3-Nitroaniline	14.187	138	309234	22.680	ng/ul	96
52) Acenaphthene	14.334	153	1139644	21.177	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	143746	21.402	ng/ul	98
55) 4-Nitrophenol	14.504	109	198539	19.112	ng/ul	98
56) Dibenzofuran	14.669	168	1541231	20.714	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	408182	22.619	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.898	232	327740	22.282	ng/ul	96
59) Diethylphthalate	15.104	149	1370836	21.068	ng/ul	98
61) Fluorene	15.322	166	1230273	20.092	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	590430	20.244	ng/ul	99
63) 4-Nitroaniline	15.357	138	316699m	21.543	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	234950	23.698	ng/ul	97
67) N-Nitrosodiphenylamine	15.539	169	1097565	22.375	ng/ul	98
68) 4-Bromophenyl-phenylether	16.216	248	382402	22.095	ng/ul	95
69) Hexachlorobenzene	16.322	284	448474	22.477	ng/ul	98
70) Atrazine	16.498	200	391487	22.733	ng/ul	99
71) Pentachlorophenol	16.669	266	283373	21.860	ng/ul	100
72) Phenanthrene	17.063	178	2020449	20.873	ng/ul	99
74) Anthracene	17.157	178	2024324	20.665	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	514453	23.966	ng/uL	98
76) Pentachlorobenzene	14.587	250	495547	22.355	ng/uL	95
77) Carbazole	17.433	167	1865141	20.844	ng/ul	98
78) Di-n-butylphthalate	17.998	149	2415991	22.152	ng/ul	100
80) Fluoranthene	19.086	202	2323399	25.270	ng/ul	98
82) Pyrene	19.457	202	2374133	24.576	ng/ul	97
83) Butylbenzylphthalate	20.369	149	1074900	25.217	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	703739	21.364	ng/ul	95
85) Benzo(a)anthracene	21.239	228	2288934	21.322	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1523173	23.799	ng/ul	98
87) Chrysene	21.304	228	2146527	21.065	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2661010	26.302	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2184920	22.124	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	2206425	22.213	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2066298	20.973	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.398	276	2229417	18.236	ng/ul	100
95) Dibenzo(a,h)anthracene	27.456	278	1814092	18.078	ng/ul#	93
96) Benzo(g,h,i)perylene	28.421	276	1760422	17.881	ng/ul	96

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

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