Quantitation Report (Qedit)

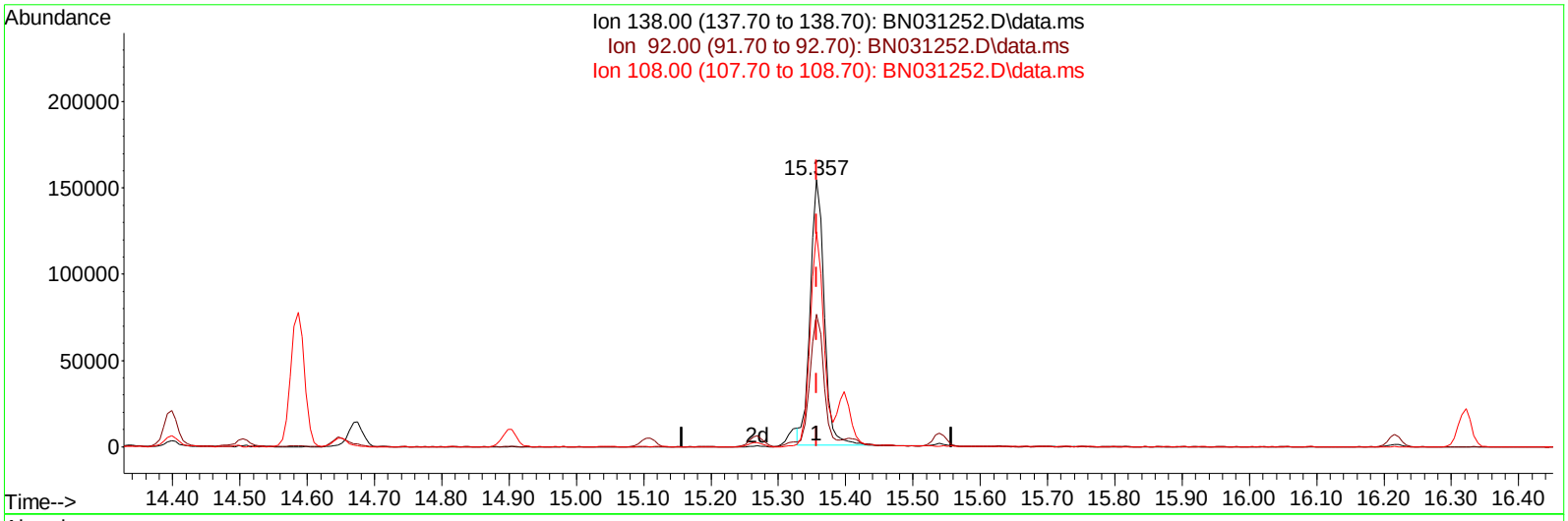
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031252.D
Acq On : 26 Apr 2024 20:24
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

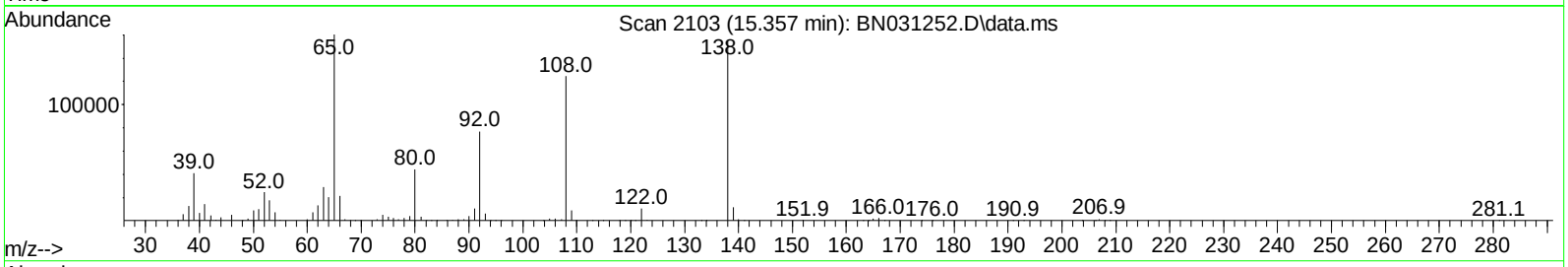
Quant Time: Apr 26 22:56:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

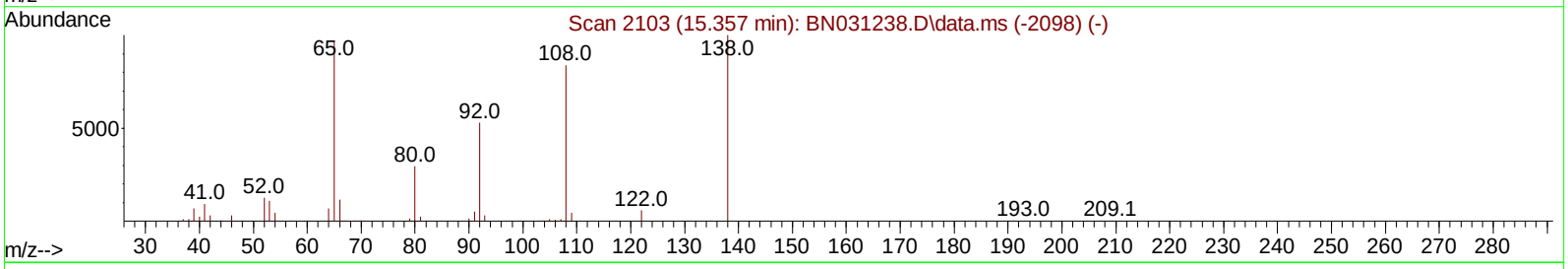
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN031252.D\data.ms

(63) 4-Nitroaniline

15.357min (0.000) 16.96 ng/ul

response 222103

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.60
108.00	79.80	80.44
0.00	0.00	0.00

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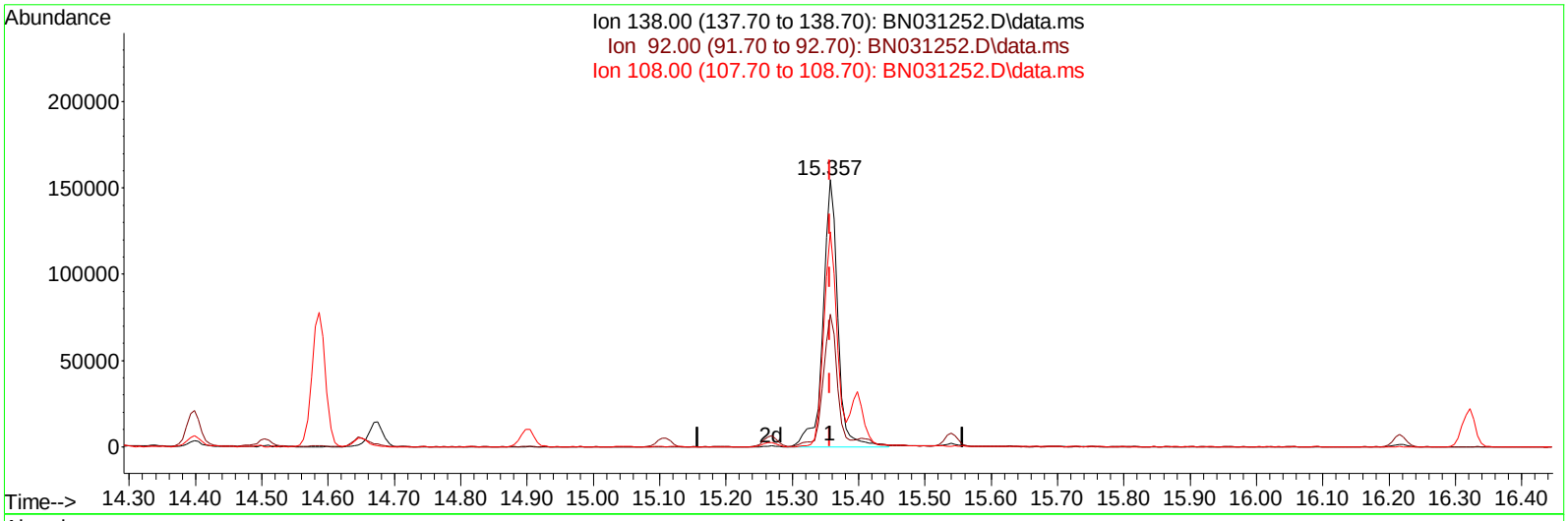

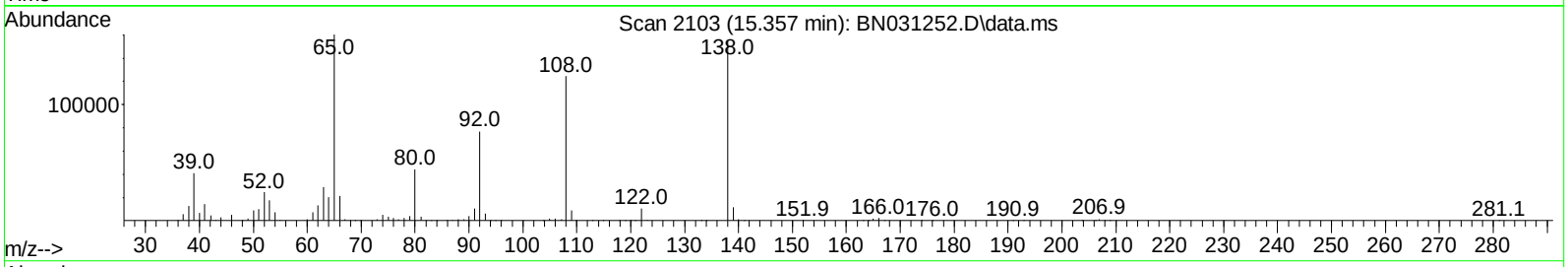

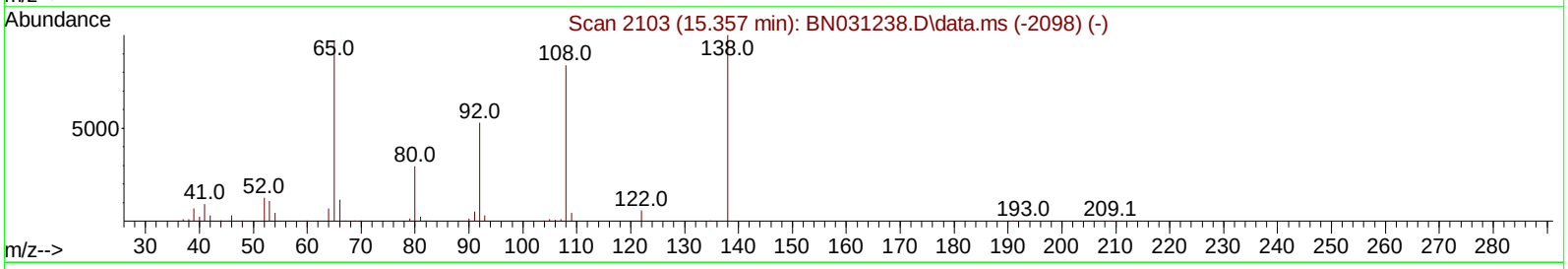

TIC: BN031252.D\data.ms

(63) 4-Nitroaniline

15.357min (0.000) 18.36 ng/ul m

response 240504

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.60
108.00	79.80	80.44
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	7.622	152	298672	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	1285976	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	785324	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	1446121	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1029071	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1130795	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	53510	8.370	ng/uL	0.00
4) Pyridine-d5	3.546	84	373661	20.296	ng/ul	0.00
7) Phenol-d5	6.805	99	487425	19.346	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	293009	19.989	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	402767	20.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	399284	18.844	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	207727	22.482	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	227516	23.689	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	398100	21.019	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	556012	18.785	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1099032	20.111	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1315093	21.236	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	203985	17.884	ng/ul	0.00
60) Fluorene-d10	15.269	176	939643	19.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	167137	22.908	ng/ul	0.00
73) Anthracene-d10	17.122	188	1313822	20.961	ng/ul	0.00
81) Pyrene-d10	19.422	212	1332989	26.360	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1104912	20.605	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	56686	8.367	ng/uL	95
5) Pyridine	3.564	79	371234	19.982	ng/ul	97
6) Benzaldehyde	6.775	77	282331	22.822	ng/ul	99
8) Phenol	6.828	94	494218	19.026	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.057	93	410002	20.005	ng/ul	98
12) 2-Chlorophenol	7.187	128	415953	20.399	ng/ul	99
13) 2-Methylphenol	8.069	108	386010	19.176	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	545987	20.433	ng/ul	99
16) Acetophenone	8.446	105	618911	18.852	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	312043	19.069	ng/ul	98
18) 4-Methylphenol	8.399	108	415421	18.424	ng/ul	96
19) Hexachloroethane	8.687	117	175236	20.710	ng/ul	99
22) Nitrobenzene	8.822	77	467246	21.426	ng/ul	99
23) Isophorone	9.346	82	896135	20.137	ng/ul	98
25) 2-Nitrophenol	9.528	139	241586	22.735	ng/ul	96
26) 2,4-Dimethylphenol	9.587	107	424982	19.611	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	564904	20.898	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	389360	20.582	ng/ul	99
30) Naphthalene	10.451	128	1353786	20.313	ng/ul	99
32) 4-Chloroaniline	10.569	127	544022	18.917	ng/ul	100
33) Hexachlorobutadiene	10.728	225	247944	21.500	ng/ul	98
34) Caprolactam	11.351	113	124264	16.672	ng/ul	94
35) 4-Chloro-3-methylphenol	11.704	107	425529	19.401	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	919909	19.573	ng/ul	99
37) 1-Methylnaphthalene	12.292	142	916877	19.280	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.440	216	462113	22.488	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	273259	24.208	ng/ul	98
41) 2,4,6-Trichlorophenol	12.692	196	305768	22.355	ng/ul	95
42) 2,4,5-Trichlorophenol	12.763	196	321274	21.185	ng/ul	96
43) 1,1'-Biphenyl	13.098	154	1176079	21.775	ng/ul	98
44) 2-Chloronaphthalene	13.139	162	925769	21.450	ng/ul	97
45) 2-Nitroaniline	13.357	65	257695	21.628	ng/ul	98
47) Dimethylphthalate	13.734	163	1143209	20.278	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	231676	21.891	ng/ul	98
50) Acenaphthylene	13.992	152	1503454	20.784	ng/ul	99
51) 3-Nitroaniline	14.192	138	241959	19.915	ng/ul#	92
52) Acenaphthene	14.334	153	981814	20.474	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	116617	19.485	ng/ul	98
55) 4-Nitrophenol	14.504	109	161166	17.411	ng/ul	99
56) Dibenzofuran	14.675	168	1308870	19.741	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	319100	19.844	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.898	232	268370	20.476	ng/ul	97
59) Diethylphthalate	15.110	149	1142105	19.698	ng/ul	99
61) Fluorene	15.322	166	1047176	19.192	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	516466	19.873	ng/ul	100
63) 4-Nitroaniline	15.357	138	240504m	18.360	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	180270	23.011	ng/ul	99
67) N-Nitrosodiphenylamine	15.539	169	899187	23.198	ng/ul	100
68) 4-Bromophenyl-phenylether	16.216	248	309677	22.644	ng/ul	95
69) Hexachlorobenzene	16.322	284	364315	23.107	ng/ul	99
70) Atrazine	16.498	200	302663	22.241	ng/ul	99
71) Pentachlorophenol	16.675	266	212630	20.758	ng/ul	96
72) Phenanthrene	17.063	178	1600528	20.925	ng/ul	99
74) Anthracene	17.157	178	1595795	20.616	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	455839	26.874	ng/uL	97
76) Pentachlorobenzene	14.586	250	431579	24.639	ng/uL	97
77) Carbazole	17.433	167	1413926	19.997	ng/ul	99
78) Di-n-butylphthalate	17.998	149	1805280	20.947	ng/ul	99
80) Fluoranthene	19.086	202	1669731	27.899	ng/ul	98
82) Pyrene	19.451	202	1673776	26.617	ng/ul	100
83) Butylbenzylphthalate	20.363	149	708505	25.535	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.174	252	444212	20.716	ng/ul	94
85) Benzo(a)anthracene	21.239	228	1460517	20.900	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.168	149	981286	23.554	ng/ul	99
87) Chrysene	21.298	228	1358200	20.476	ng/ul	96
89) Di-n-octyl phthalate	22.263	149	1644995	25.238	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1389331	21.836	ng/ul	98
91) Benzo(k)fluoranthene	23.298	252	1376940	21.517	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1308702	20.618	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.398	276	1587709	20.158	ng/ul	99
95) Dibenzo(a,h)anthracene	27.456	278	1325806	20.508	ng/ul	98
96) Benzo(g,h,i)perylene	28.409	276	1303618	20.553	ng/ul	99

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

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