Quantitation Report (Qedit)

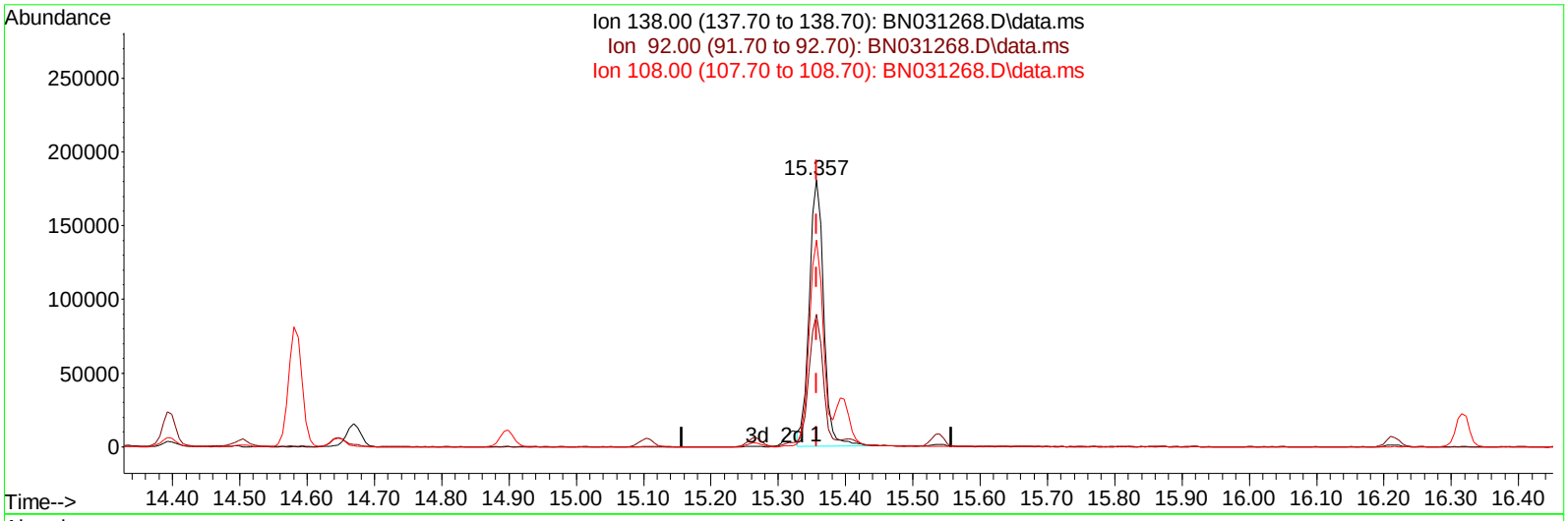
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031268.D
Acq On : 27 Apr 2024 12:46
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

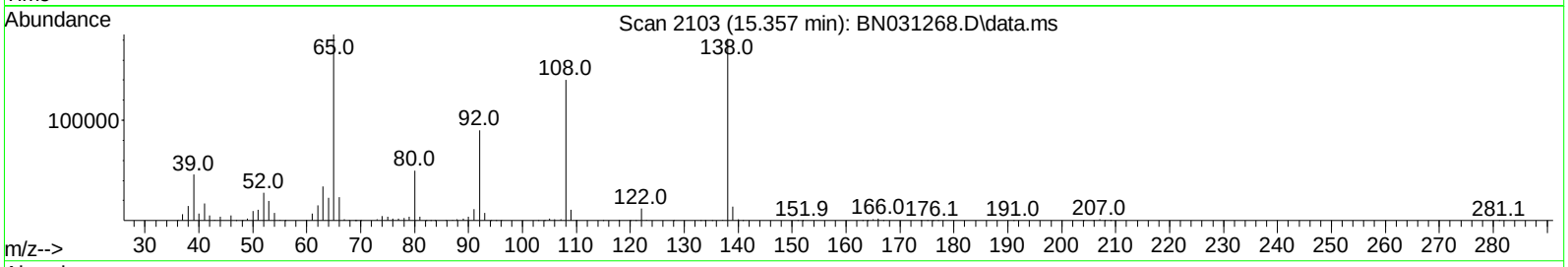
Quant Time: Apr 28 21:10:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

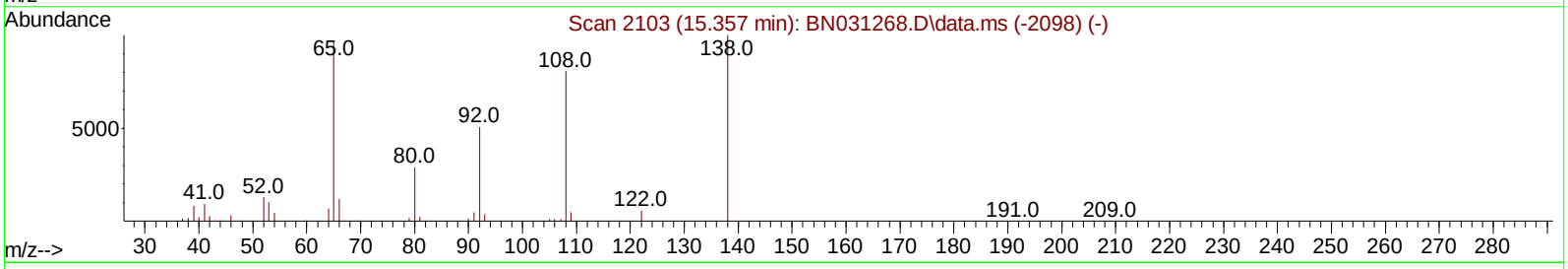
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN031268.D\data.ms

(63) 4-Nitroaniline

15.357min (+ 0.000) 16.99 ng/ul

response 268849

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.74
108.00	79.80	77.46
0.00	0.00	0.00

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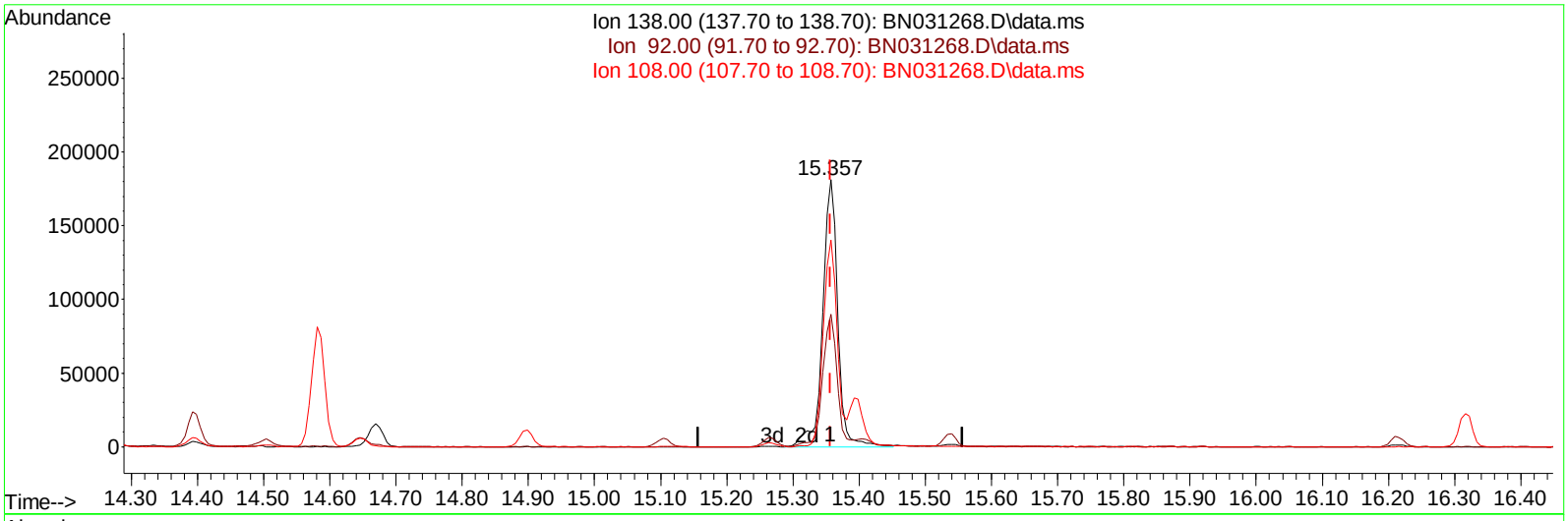

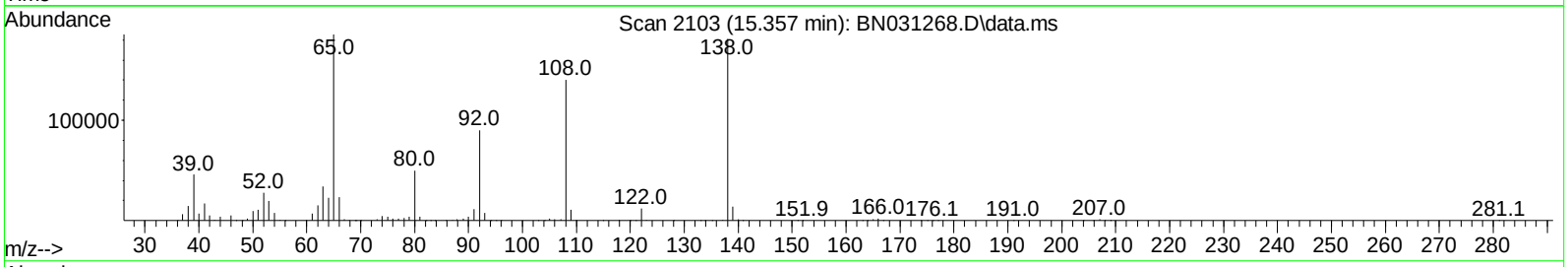

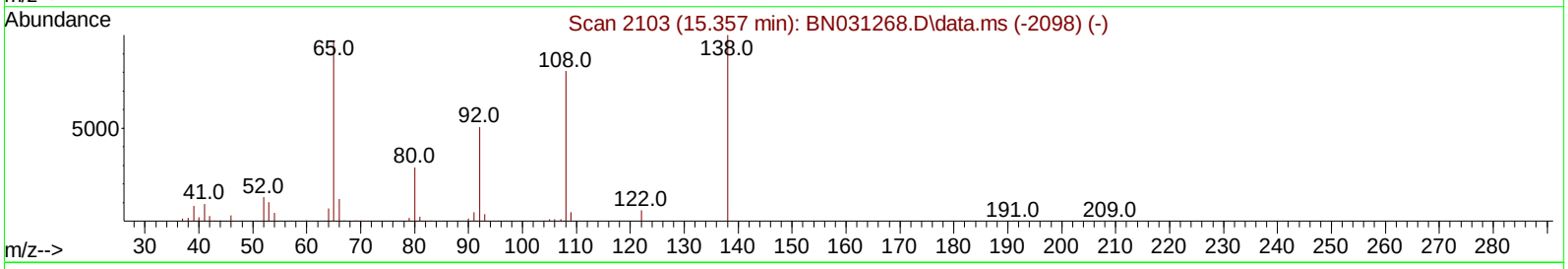

TIC: BN031268.D\data.ms

(63) 4-Nitroaniline

15.357min (+ 0.000) 18.14 ng/ul m

response 287020

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.74
108.00	79.80	77.46
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	7.622	152	283548	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	1384296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	948579	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	2071315	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1866364	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	2059682	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	42557	7.012	ng/uL	0.00
4) Pyridine-d5	3.546	84	317986	18.193	ng/ul	0.00
7) Phenol-d5	6.799	99	414582	17.333	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	250248	17.982	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	333115	17.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	347289	17.265	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	175999	17.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	196799	19.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	350532	17.193	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	534687	16.782	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1176991	17.831	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1324794	17.711	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	235861	17.119	ng/ul	0.00
60) Fluorene-d10	15.269	176	990788	17.242	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	192189	18.391	ng/ul	0.00
73) Anthracene-d10	17.122	188	1550521	17.271	ng/ul	0.00
81) Pyrene-d10	19.422	212	1817198	19.814	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1739896	17.814	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	46349	7.206	ng/uL	91
5) Pyridine	3.564	79	308715	17.503	ng/ul	96
6) Benzaldehyde	6.775	77	252069	21.462	ng/ul	98
8) Phenol	6.822	94	421603	17.096	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.058	93	354344	18.211	ng/ul	99
12) 2-Chlorophenol	7.187	128	347453	17.948	ng/ul	97
13) 2-Methylphenol	8.063	108	335837	17.573	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	472851	18.640	ng/ul	99
16) Acetophenone	8.440	105	559882	17.964	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	286240	18.425	ng/ul	98
18) 4-Methylphenol	8.393	108	371774	17.367	ng/ul	99
19) Hexachloroethane	8.681	117	142440	17.732	ng/ul	94
22) Nitrobenzene	8.816	77	403092	17.172	ng/ul	99
23) Isophorone	9.340	82	848237	17.707	ng/ul	99
25) 2-Nitrophenol	9.522	139	214245	18.730	ng/ul	94
26) 2,4-Dimethylphenol	9.587	107	391418	16.779	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.828	93	516502	17.750	ng/ul	99
29) 2,4-Dichlorophenol	10.052	162	349883	17.182	ng/ul	99
30) Naphthalene	10.452	128	1224594	17.069	ng/ul	99
32) 4-Chloroaniline	10.569	127	521958	16.860	ng/ul	99
33) Hexachlorobutadiene	10.722	225	211578	17.043	ng/ul	98
34) Caprolactam	11.352	113	134915	16.815	ng/ul	97
35) 4-Chloro-3-methylphenol	11.699	107	411589	17.432	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	874225	17.280	ng/ul	98
37) 1-Methylnaphthalene	12.293	142	878835	17.167	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.440	216	430991	17.364	ng/ul	100
40) Hexachlorocyclopentadiene	12.410	237	191127	14.018	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	305144	18.469	ng/ul	95
42) 2,4,5-Trichlorophenol	12.763	196	326136	17.804	ng/ul	96
43) 1,1'-Biphenyl	13.098	154	1138178	17.446	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	893492	17.139	ng/ul	98
45) 2-Nitroaniline	13.351	65	268883	18.683	ng/ul	96
47) Dimethylphthalate	13.734	163	1196757	17.574	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	245978	19.242	ng/ul	98
50) Acenaphthylene	13.987	152	1524695	17.450	ng/ul	100
51) 3-Nitroaniline	14.187	138	270719	18.447	ng/ul	95
52) Acenaphthene	14.334	153	993139	17.146	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	124704	17.250	ng/ul	98
55) 4-Nitrophenol	14.504	109	181703	16.251	ng/ul	95
56) Dibenzofuran	14.669	168	1374930	17.168	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	358343	18.449	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.898	232	285809	18.054	ng/ul	94
59) Diethylphthalate	15.104	149	1241327	17.725	ng/ul	98
61) Fluorene	15.322	166	1110365	16.848	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.322	204	538534	17.155	ng/ul	98
63) 4-Nitroaniline	15.357	138	287020m	18.140	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	210850	18.791	ng/ul#	97
67) N-Nitrosodiphenylamine	15.540	169	978156	17.619	ng/ul	98
68) 4-Bromophenyl-phenylether	16.216	248	353067	18.024	ng/ul	92
69) Hexachlorobenzene	16.316	284	394890	17.487	ng/ul	97
70) Atrazine	16.498	200	348519	17.881	ng/ul	95
71) Pentachlorophenol	16.669	266	252341	17.199	ng/ul	99
72) Phenanthrene	17.063	178	1835946	16.758	ng/ul	99
74) Anthracene	17.151	178	1851988	16.704	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	435344	17.919	ng/uL	97
76) Pentachlorobenzene	14.587	250	436822	17.411	ng/uL	99
77) Carbazole	17.428	167	1742343	17.204	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2252315	18.246	ng/ul	99
80) Fluoranthene	19.086	202	2174413	20.033	ng/ul	99
82) Pyrene	19.451	202	2265429	19.864	ng/ul	99
83) Butylbenzylphthalate	20.363	149	1037504	20.617	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.175	252	662336	17.031	ng/ul	97
85) Benzo(a)anthracene	21.239	228	2238202	17.660	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	1487295	19.684	ng/ul	100
87) Chrysene	21.304	228	2101030	17.465	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	2638264	22.222	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2207099	19.045	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	2150931	18.454	ng/ul	98
93) Benzo(a)pyrene	24.016	252	2016854	17.445	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.392	276	2305060	16.067	ng/ul	99
95) Dibenzo(a,h)anthracene	27.451	278	1884810	16.007	ng/ul	93
96) Benzo(g,h,i)perylene	28.409	276	1841735	15.942	ng/ul	98

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

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