Quantitation Report (Qedit)

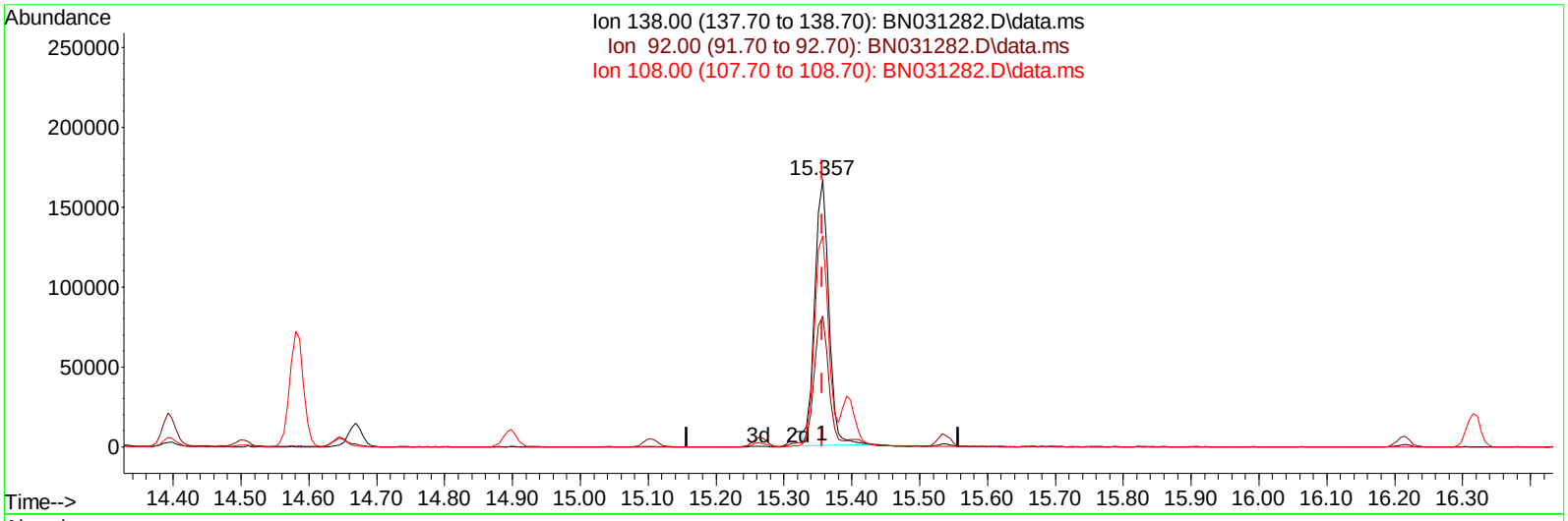
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031282.D
Acq On : 27 Apr 2024 22:40
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

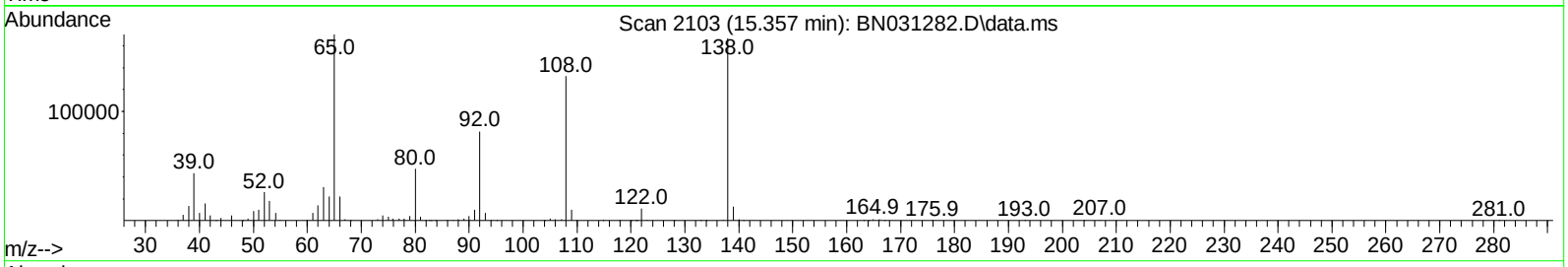
Quant Time: Apr 28 21:17:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

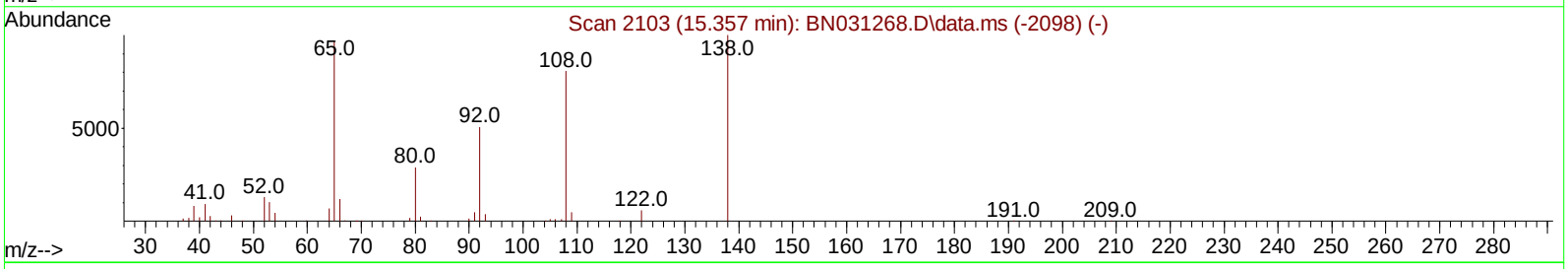
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BN031282.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.000) 16.82 ng/ul

response 241495

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	48.91
108.00	79.80	79.08
0.00	0.00	0.00

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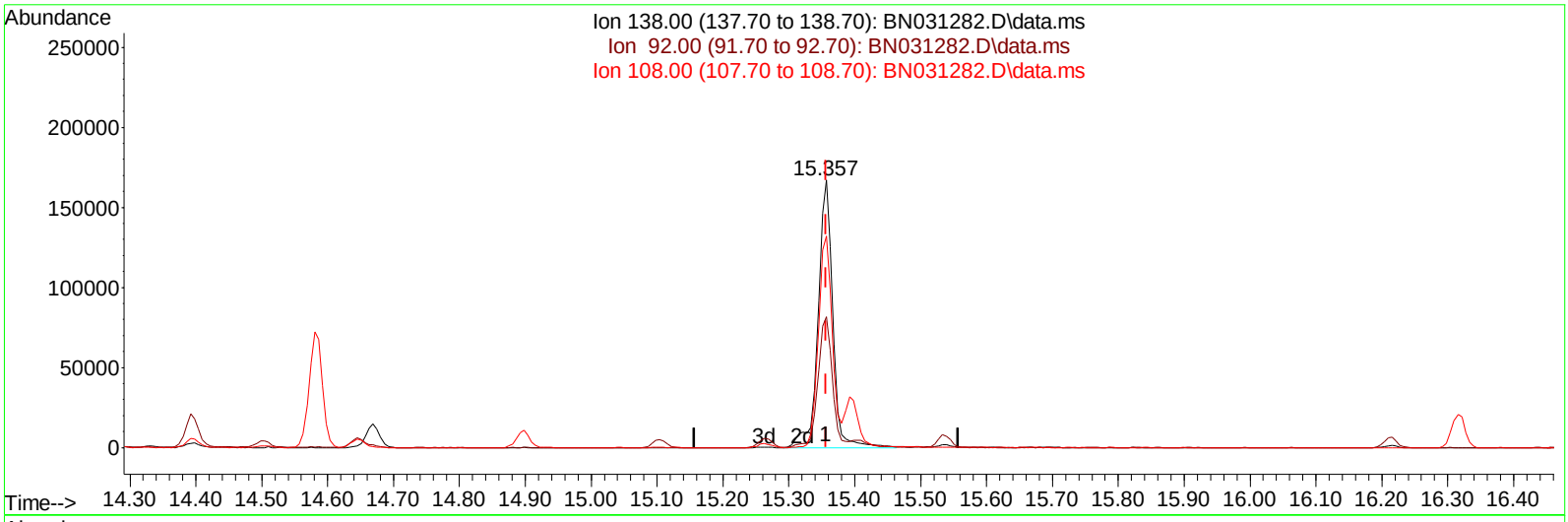

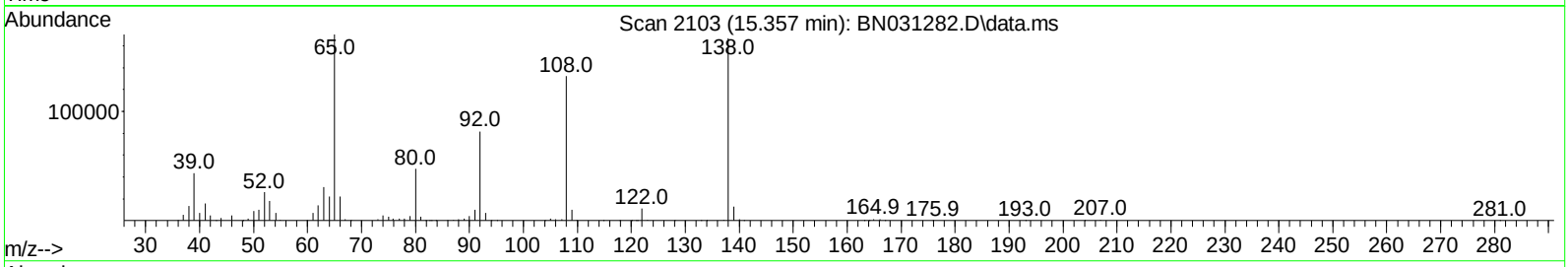

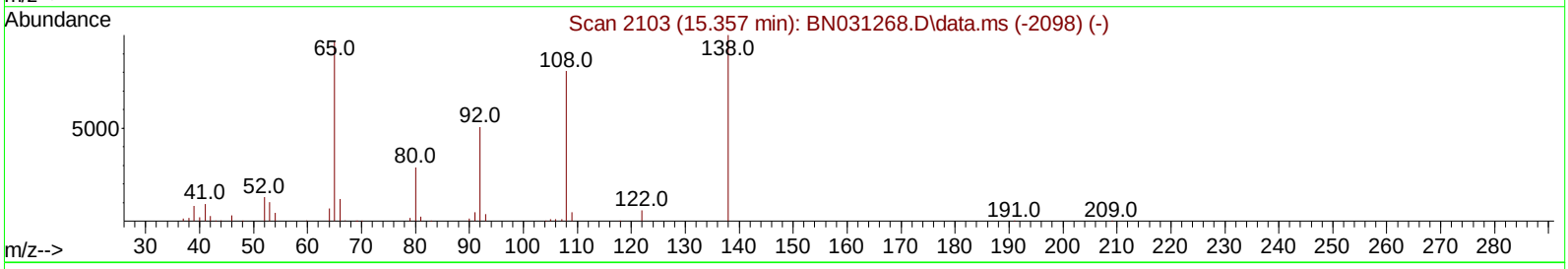

TIC: BN031282.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.000) 18.20 ng/ul m

response 261315

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	48.91
108.00	79.80	79.08
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	254743	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	1247610	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	861011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	1869164	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1694905	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1809713	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	38942	7.142	ng/uL	0.00
4) Pyridine-d5	3.546	84	287404	18.303	ng/ul	0.00
7) Phenol-d5	6.798	99	377458	17.565	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	223346	17.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.151	132	300731	17.974	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	323556	17.904	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	160682	17.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.492	143	175364	18.820	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	321350	17.488	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	491844	17.128	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	1025327	17.113	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1187320	17.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	208913	16.706	ng/ul	0.00
60) Fluorene-d10	15.263	176	885261	16.973	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	174319	18.485	ng/ul	0.00
73) Anthracene-d10	17.116	188	1378469	17.015	ng/ul	0.00
81) Pyrene-d10	19.421	212	1662152	19.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1524245	17.761	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	40066	6.934	ng/uL	95
5) Pyridine	3.563	79	281918	17.791	ng/ul	95
6) Benzaldehyde	6.775	77	226224	21.440	ng/ul	94
8) Phenol	6.822	94	387208	17.477	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.057	93	314704	18.003	ng/ul	100
12) 2-Chlorophenol	7.187	128	313339	18.016	ng/ul	98
13) 2-Methylphenol	8.063	108	306843	17.872	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	417740	18.329	ng/ul	99
16) Acetophenone	8.440	105	505916	18.068	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	254769	18.254	ng/ul	98
18) 4-Methylphenol	8.393	108	340858	17.724	ng/ul	97
19) Hexachloroethane	8.681	117	126789	17.568	ng/ul	96
22) Nitrobenzene	8.816	77	371490	17.559	ng/ul	97
23) Isophorone	9.340	82	754919	17.485	ng/ul	100
25) 2-Nitrophenol	9.522	139	191775	18.602	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	362535	17.243	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	458235	17.473	ng/ul	100
29) 2,4-Dichlorophenol	10.051	162	321192	17.501	ng/ul	100
30) Naphthalene	10.451	128	1093668	16.915	ng/ul	99
32) 4-Chloroaniline	10.569	127	467202	16.745	ng/ul	99
33) Hexachlorobutadiene	10.728	225	192170	17.176	ng/ul	99
34) Caprolactam	11.351	113	120454	16.658	ng/ul	96
35) 4-Chloro-3-methylphenol	11.698	107	373605	17.557	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	780389	17.115	ng/ul	96
37) 1-Methylnaphthalene	12.292	142	788624	17.093	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.439	216	394949	17.530	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	206685	16.700	ng/ul	95
41) 2,4,6-Trichlorophenol	12.686	196	272705	18.185	ng/ul	93
42) 2,4,5-Trichlorophenol	12.763	196	294774	17.729	ng/ul	98
43) 1,1'-Biphenyl	13.092	154	1042586	17.606	ng/ul	98
44) 2-Chloronaphthalene	13.133	162	811695	17.154	ng/ul	99
45) 2-Nitroaniline	13.351	65	238930	18.290	ng/ul	98
47) Dimethylphthalate	13.733	163	1061902	17.180	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	217926	18.782	ng/ul	99
50) Acenaphthylene	13.986	152	1353935	17.071	ng/ul	99
51) 3-Nitroaniline	14.186	138	243518	18.281	ng/ul	97
52) Acenaphthene	14.333	153	896929	17.060	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	111517	16.995	ng/ul	99
55) 4-Nitrophenol	14.504	109	167229	16.478	ng/ul	98
56) Dibenzofuran	14.669	168	1219693	16.779	ng/ul	99
57) 2,4-Dinitrotoluene	14.645	165	320500	18.179	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.898	232	252136	17.547	ng/ul	93
59) Diethylphthalate	15.104	149	1107549	17.423	ng/ul	100
61) Fluorene	15.322	166	996628	16.660	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.322	204	486801	17.085	ng/ul	95
63) 4-Nitroaniline	15.357	138	261315m	18.195	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	183770	18.148	ng/ul#	96
67) N-Nitrosodiphenylamine	15.539	169	874716	17.459	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	317738	17.975	ng/ul	90
69) Hexachlorobenzene	16.322	284	359130	17.623	ng/ul	94
70) Atrazine	16.498	200	313124	17.802	ng/ul	97
71) Pentachlorophenol	16.669	266	227947	17.216	ng/ul	98
72) Phenanthrene	17.063	178	1649554	16.685	ng/ul	99
74) Anthracene	17.151	178	1687075	16.862	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	401301	18.304	ng/uL	99
76) Pentachlorobenzene	14.580	250	399248	17.635	ng/uL	97
77) Carbazole	17.427	167	1565706	17.132	ng/ul	98
78) Di-n-butylphthalate	17.992	149	1975218	17.732	ng/ul	99
80) Fluoranthene	19.086	202	1977198	20.059	ng/ul	99
82) Pyrene	19.451	202	2070077	19.987	ng/ul	98
83) Butylbenzylphthalate	20.362	149	928077	20.308	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	633458	17.937	ng/ul	96
85) Benzo(a)anthracene	21.239	228	2034627	17.678	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.168	149	1323943	19.295	ng/ul	99
87) Chrysene	21.298	228	1865373	17.074	ng/ul	98
89) Di-n-octyl phthalate	22.262	149	2367625	22.697	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	1868756	18.353	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	1944286	18.985	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1787713	17.599	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.392	276	1946963	15.446	ng/ul	100
95) Dibenzo(a,h)anthracene	27.450	278	1612745	15.588	ng/ul	96
96) Benzo(g,h,i)perylene	28.403	276	1527209	15.045	ng/ul	99

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

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