Quantitation Report (Qedit)

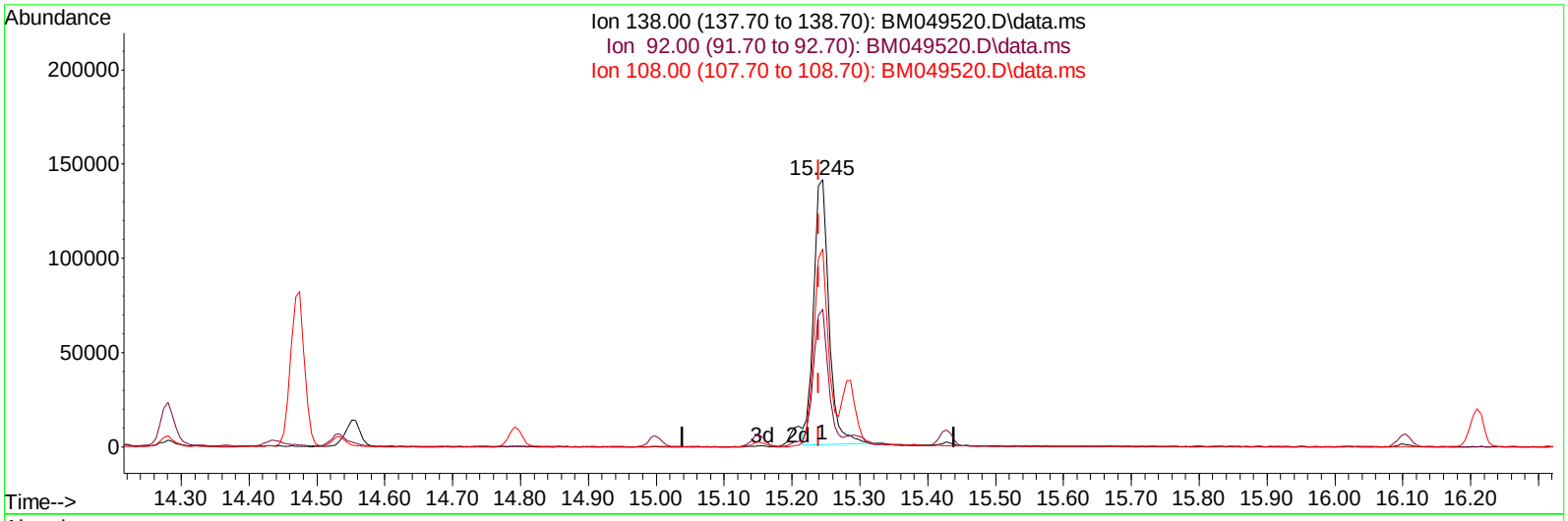
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049520.D
Acq On : 30 Jan 2025 10:11
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

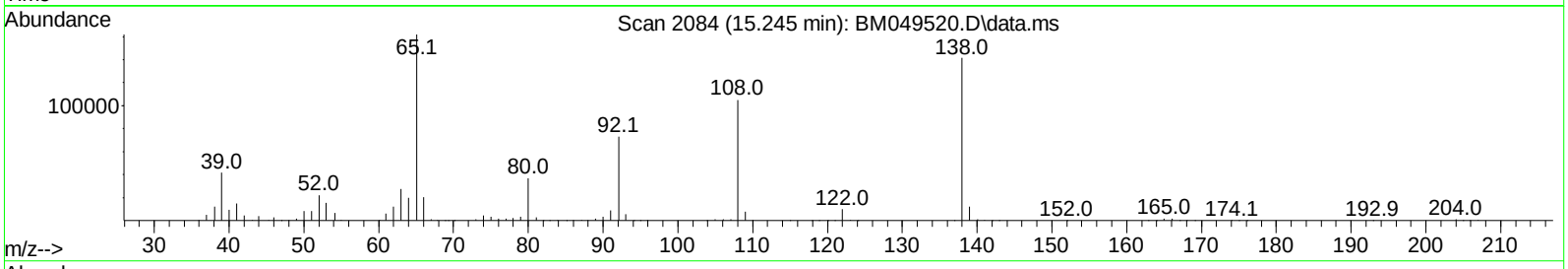
Quant Time: Jan 30 11:27:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

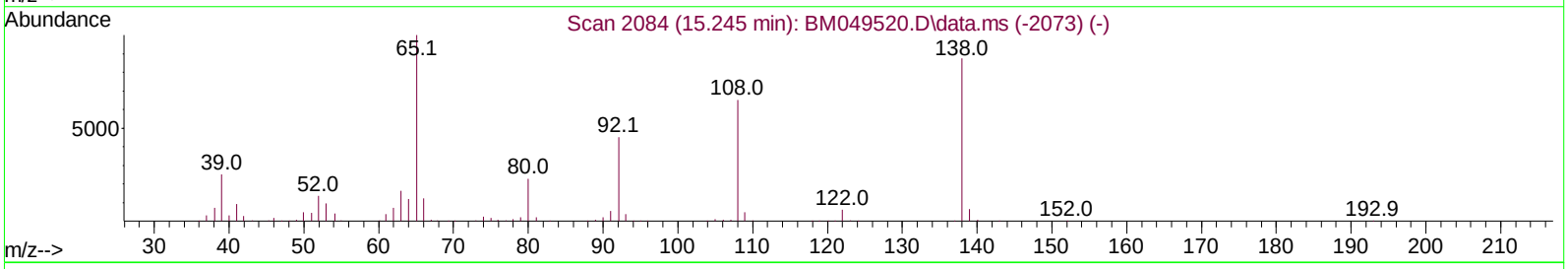
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BM049520.D\data.ms

(63) 4-Nitroaniline

15.245min (+ 0.006) 23.61 ng/ul

response 220742

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	51.42
108.00	79.90	74.21
0.00	0.00	0.00

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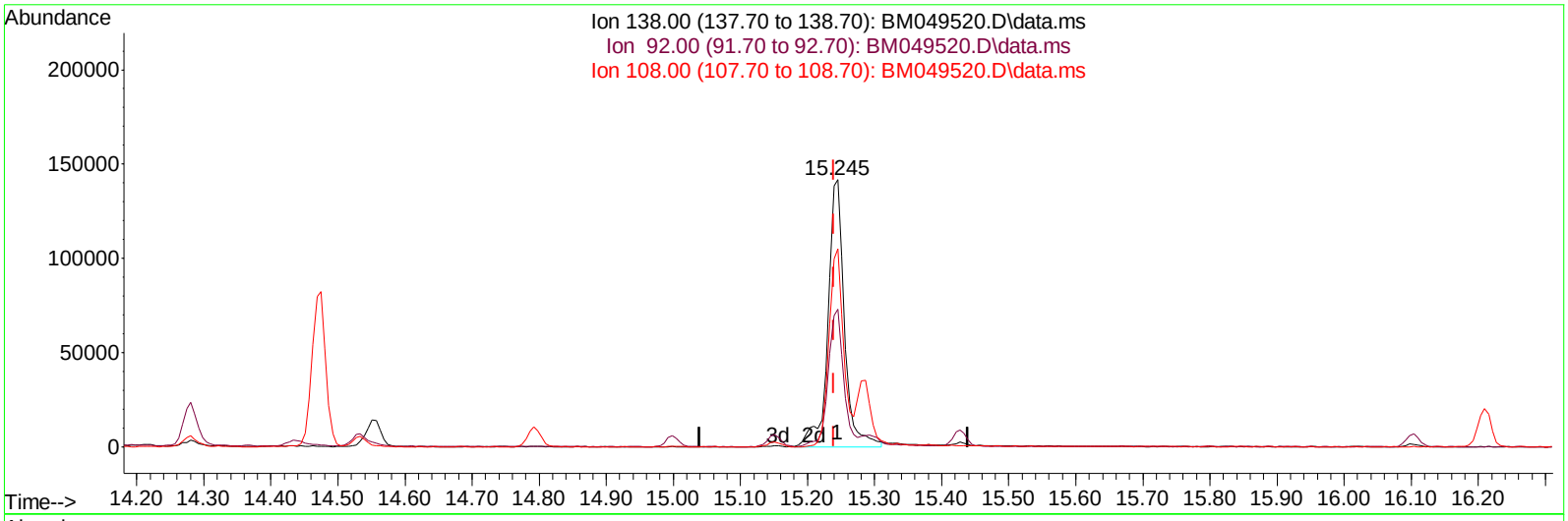

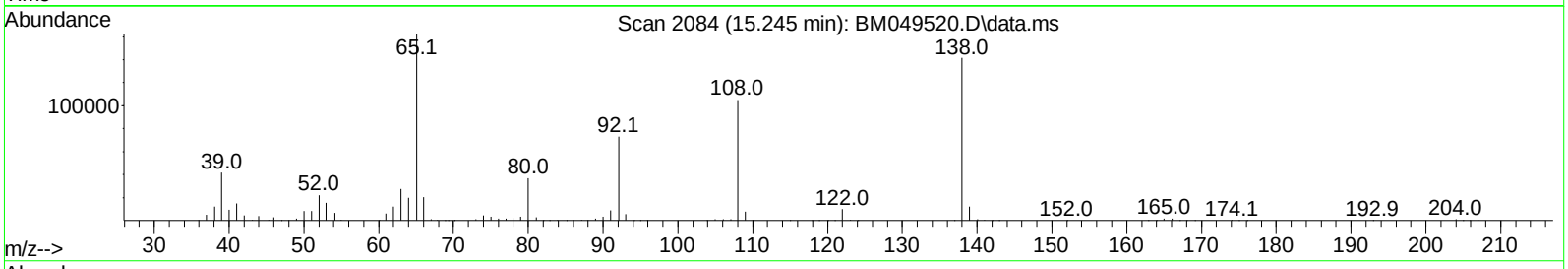

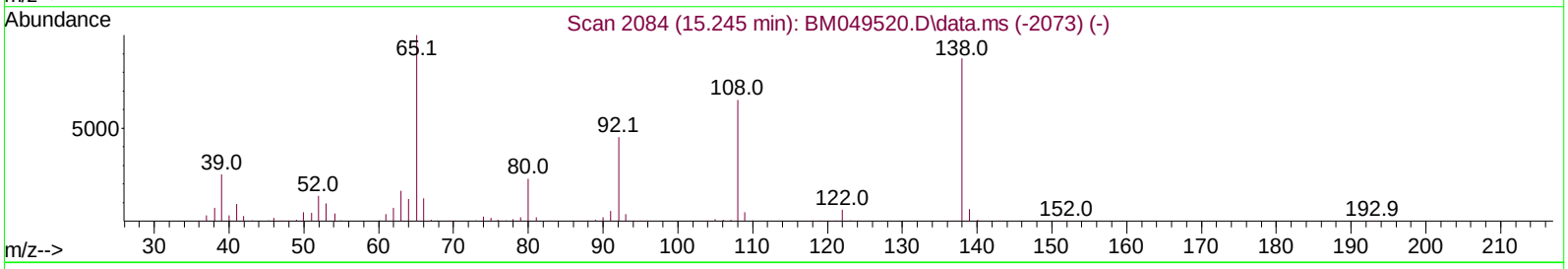

TIC: BM049520.D\data.ms

(63) 4-Nitroaniline

15.245min (+ 0.006) 25.91 ng/ul m

response 242208

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	51.42
108.00	79.90	74.21
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	7.510	152	272726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	1087949	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	778083	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	1685947	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1912420	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1924333	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	57525	7.815	ng/uL	-0.01
4) Pyridine-d5	3.505	84	442741	20.472	ng/ul	0.00
7) Phenol-d5	6.728	99	489833	22.133	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	334225	22.085	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	385664	22.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.240	113	378640	23.352	ng/ul	0.01
21) Nitrobenzene-d5	8.657	128	187114	22.481	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	214460	23.622	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	421749	22.765	ng/ul	0.01
31) 4-Chloroaniline-d4	10.416	131	531729	22.375	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	1293724	22.677	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1449716	21.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	187018	19.983	ng/ul	0.04
60) Fluorene-d10	15.151	176	1125115	22.426	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	238207	22.421	ng/ul	0.00
73) Anthracene-d10	17.004	188	1838565	21.838	ng/ul	0.00
81) Pyrene-d10	19.309	212	2254346	20.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	2228782	21.716	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	62427	8.071	ng/uL	95
5) Pyridine	3.522	79	450421	20.308	ng/ul	99
6) Benzaldehyde	6.669	77	332707	27.373	ng/ul	98
8) Phenol	6.751	94	510461	21.975	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.951	93	417665	22.049	ng/ul	98
12) 2-Chlorophenol	7.087	128	396687	22.430	ng/ul	99
13) 2-Methylphenol	7.975	108	368547	22.640	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.028	45	671650	23.018	ng/ul	99
16) Acetophenone	8.328	105	638862	23.693	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	357695	25.294	ng/ul	97
18) 4-Methylphenol	8.304	108	416211	23.690	ng/ul	96
19) Hexachloroethane	8.569	117	168951	21.743	ng/ul	97
22) Nitrobenzene	8.698	77	472398	21.250	ng/ul	98
23) Isophorone	9.222	82	938873	23.618	ng/ul	99
25) 2-Nitrophenol	9.398	139	231001	22.916	ng/ul	99
26) 2,4-Dimethylphenol	9.481	107	412947	22.261	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.704	93	557531	22.393	ng/ul	98
29) 2,4-Dichlorophenol	9.945	162	416157	22.346	ng/ul	98
30) Naphthalene	10.316	128	1239946	21.406	ng/ul	99
32) 4-Chloroaniline	10.439	127	508166	22.348	ng/ul	99
33) Hexachlorobutadiene	10.610	225	291524	20.882	ng/ul	99
34) Caprolactam	11.222	113	137453	26.756	ng/ul	99
35) 4-Chloro-3-methylphenol	11.604	107	402123	24.991	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	904917	22.906	ng/ul	98
37) 1-Methylnaphthalene	12.163	142	905587	23.253	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.316	216	565506	19.717	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	326767	19.421	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	371572	21.968	ng/ul	99
42) 2,4,5-Trichlorophenol	12.669	196	391686	22.033	ng/ul	98
43) 1,1'-Biphenyl	12.975	154	1214241	20.568	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	980353	20.483	ng/ul	100
45) 2-Nitroaniline	13.233	65	280257	23.309	ng/ul	98
47) Dimethylphthalate	13.622	163	1272374	22.451	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	247198	24.253	ng/ul	98
50) Acenaphthylene	13.869	152	1471473	21.368	ng/ul	100
51) 3-Nitroaniline	14.075	138	241993	23.901	ng/ul	95
52) Acenaphthene	14.216	153	1048137	21.318	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	145517	23.089	ng/ul	96
55) 4-Nitrophenol	14.433	109	164904	24.082	ng/ul	96
56) Dibenzofuran	14.551	168	1511775	21.565	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	375374	24.628	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.792	232	337003	23.278	ng/ul	97
59) Diethylphthalate	14.998	149	1266198	23.535	ng/ul	100
61) Fluorene	15.204	166	1273209	22.476	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	685013	22.294	ng/ul	96
63) 4-Nitroaniline	15.245	138	242208m	25.906	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.298	198	255521	21.943	ng/ul	99
67) N-Nitrosodiphenylamine	15.427	169	1068842	21.267	ng/ul	97
68) 4-Bromophenyl-phenylether	16.104	248	414689	21.541	ng/ul	97
69) Hexachlorobenzene	16.210	284	473925	21.319	ng/ul	97
70) Atrazine	16.392	200	449487	22.722	ng/ul	98
71) Pentachlorophenol	16.568	266	271937	19.427	ng/ul	100
72) Phenanthrene	16.945	178	2032621	21.418	ng/ul	99
74) Anthracene	17.039	178	2066177	21.615	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.933	216	564659	18.531	ng/uL	100
76) Pentachlorobenzene	14.474	250	581377	19.953	ng/uL	99
77) Carbazole	17.315	167	1850210	21.656	ng/ul	99
78) Di-n-butylphthalate	17.892	149	2360983	24.194	ng/ul	100
80) Fluoranthene	18.974	202	2574538	20.162	ng/ul	99
82) Pyrene	19.339	202	2779015	20.227	ng/ul	98
83) Butylbenzylphthalate	20.262	149	1111210	24.015	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.056	252	879473	24.220	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2871523	21.375	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.068	149	1746378	25.687	ng/ul	99
87) Chrysene	21.174	228	2630281	21.083	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2975532	25.278	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	2694254	21.600	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	2749895	21.817	ng/ul	99
93) Benzo(a)pyrene	23.786	252	2474562	21.148	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.985	276	2746879	18.940	ng/ul	98
95) Dibenzo(a,h)anthracene	27.044	278	2236137	19.028	ng/ul	99
96) Benzo(g,h,i)perylene	27.950	276	2033718	18.443	ng/ul	99

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

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