Quantitation Report (Qedit)

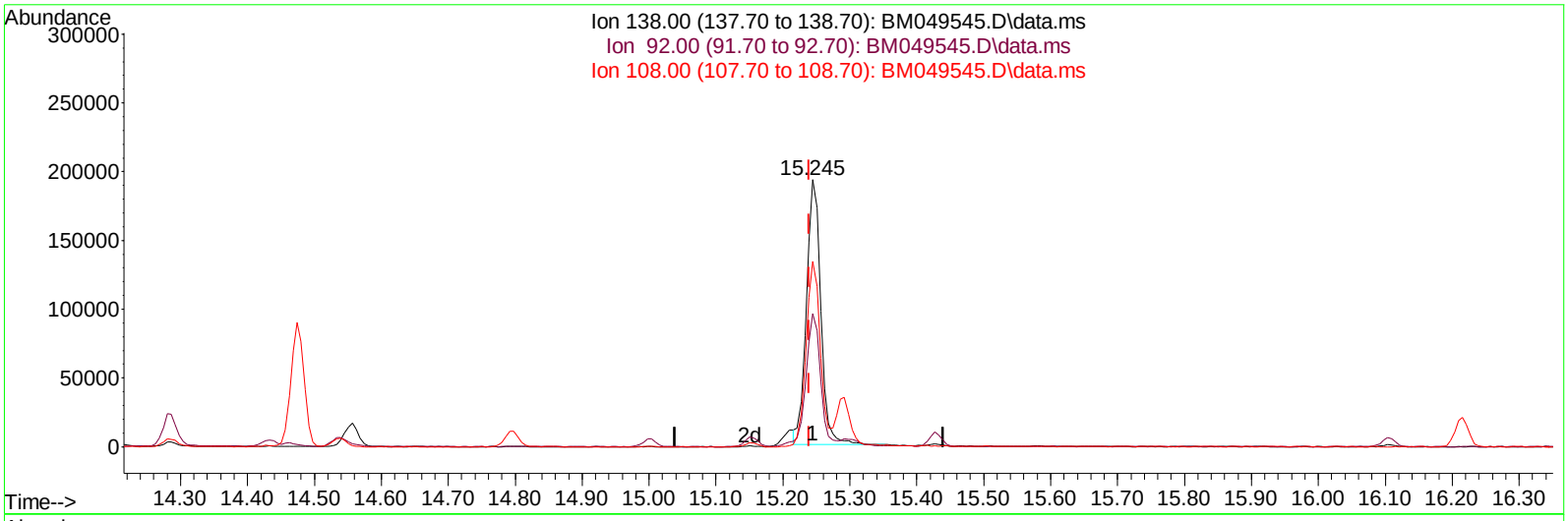
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049545.D
Acq On : 31 Jan 2025 03:00
Operator : RC/JU
Sample : PB166314BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

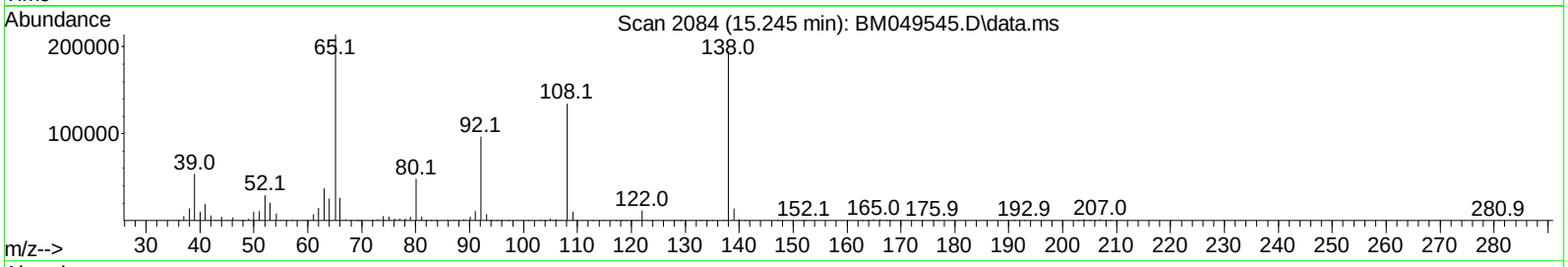
Quant Time: Jan 31 08:57:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

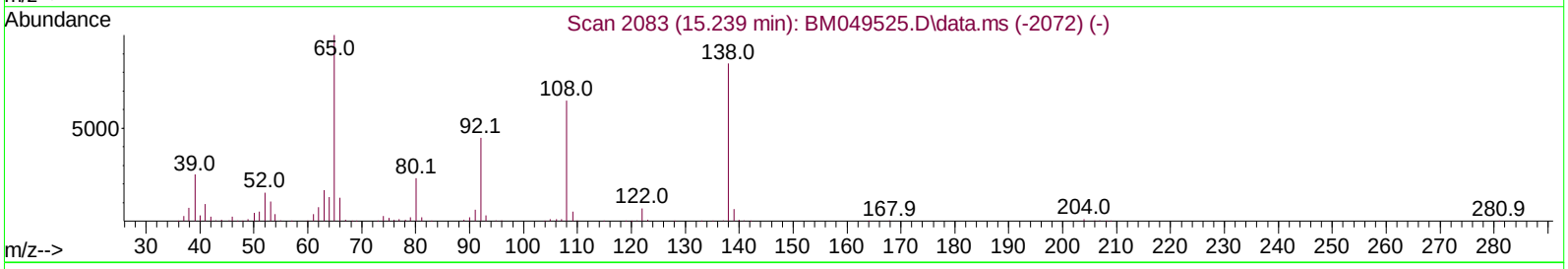
Instrument :
BNA_M
ClientSampleId :
SLCS314

Manual IntegrationsAPPROVED

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







TIC: BM049545.D\data.ms

(63) 4-Nitroaniline

15.245min (+ 0.006) 36.44 ng/ul

response 287946

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	49.77
108.00	79.90	69.34
0.00	0.00	0.00

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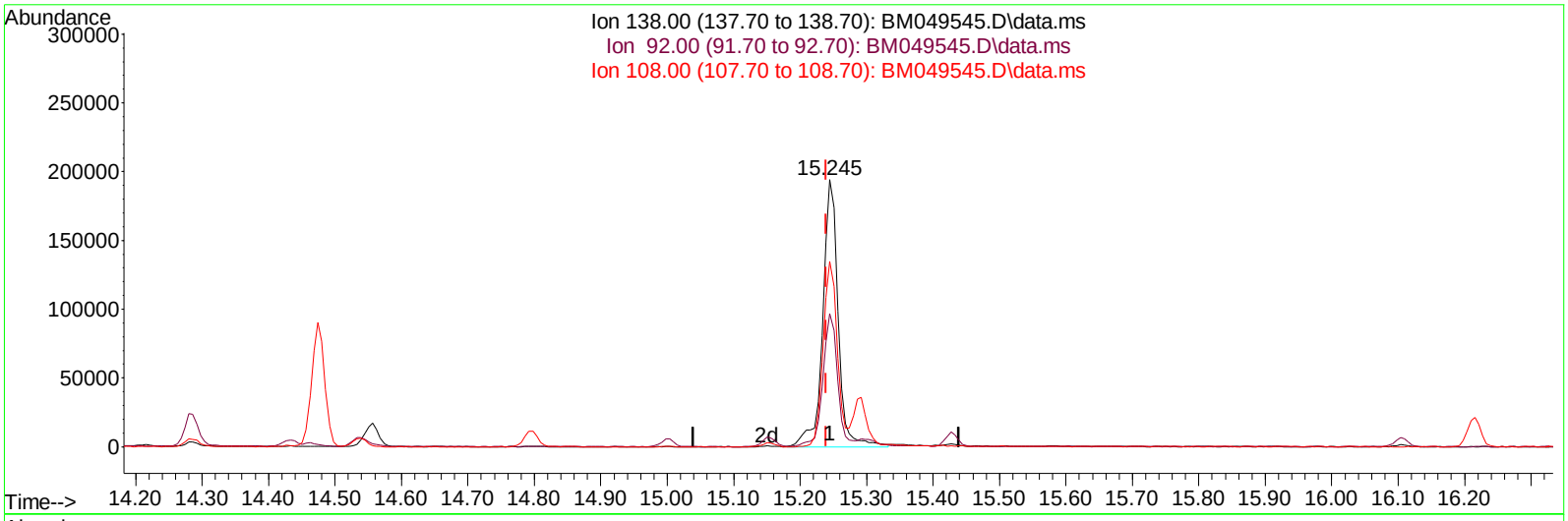

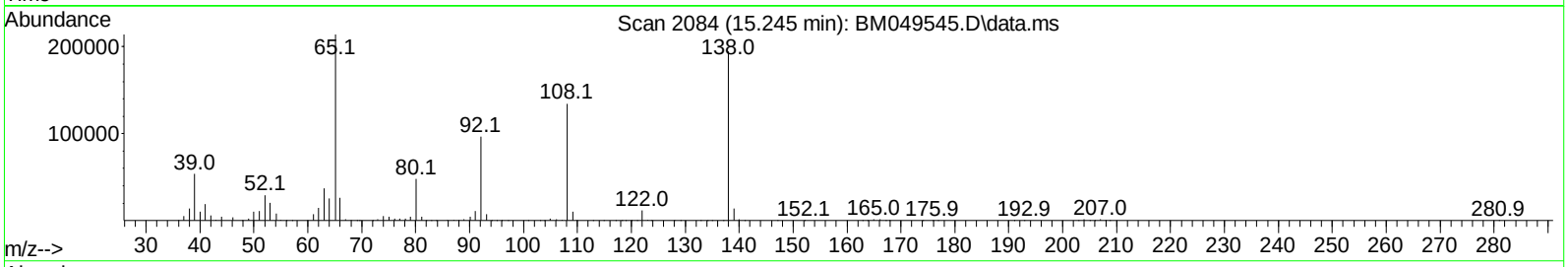

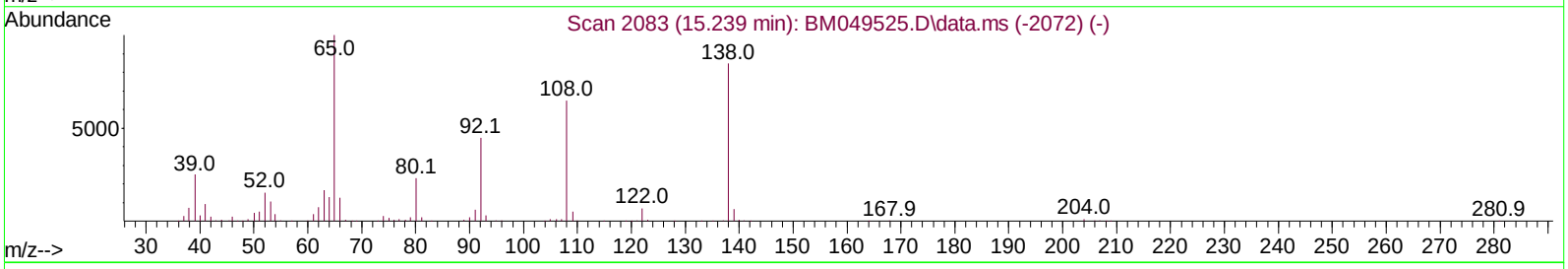

TIC: BM049545.D\data.ms

(63) 4-Nitroaniline

15.245min (+ 0.006) 39.58 ng/ul m

response 312763

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.40	49.77
108.00	79.90	69.34
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	252882	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	988792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	657595	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1345613	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1327756	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1460101	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32926	4.824	ng/uL	0.00
4) Pyridine-d5	3.510	84	547577	27.306	ng/ul	0.00
7) Phenol-d5	6.728	99	669374	32.619	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	384244	27.383	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	529766	33.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	487563	32.429	ng/ul	0.01
21) Nitrobenzene-d5	8.657	128	234232	30.964	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	270510	32.784	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	539687	32.052	ng/ul	0.01
31) 4-Chloroaniline-d4	10.416	131	559700	25.914	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	1393820	28.908	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1628267	28.742	ng/ul	0.00
54) 4-Nitrophenol-d4	14.415	143	243101	30.736	ng/ul	0.04
60) Fluorene-d10	15.151	176	1228193	28.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	243070	28.666	ng/ul	0.01
73) Anthracene-d10	17.003	188	1952220	29.053	ng/ul	0.00
81) Pyrene-d10	19.315	212	2236449	28.813	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.732	264	2404897	30.881	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	67486	9.409	ng/uL	95
5) Pyridine	3.528	79	559200	27.192	ng/ul	93
6) Benzaldehyde	6.669	77	31580	2.802	ng/ul	98
8) Phenol	6.751	94	687828	31.934	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.951	93	501251	28.538	ng/ul	96
12) 2-Chlorophenol	7.092	128	540408	32.955	ng/ul	97
13) 2-Methylphenol	7.975	108	496119	32.869	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	749078	27.686	ng/ul	99
16) Acetophenone	8.328	105	734764	29.389	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	399665	30.480	ng/ul	94
18) 4-Methylphenol	8.304	108	537892	33.018	ng/ul	95
19) Hexachloroethane	8.569	117	203197	28.202	ng/ul	100
22) Nitrobenzene	8.698	77	558678	27.651	ng/ul	96
23) Isophorone	9.222	82	1077084	29.812	ng/ul	98
25) 2-Nitrophenol	9.398	139	292585	31.936	ng/ul	97
26) 2,4-Dimethylphenol	9.480	107	505502	29.983	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.704	93	654909	28.942	ng/ul	99
29) 2,4-Dichlorophenol	9.945	162	530288	31.329	ng/ul	98
30) Naphthalene	10.322	128	1494436	28.387	ng/ul	99
32) 4-Chloroaniline	10.445	127	324917	15.722	ng/ul	99
33) Hexachlorobutadiene	10.610	225	344197	27.127	ng/ul	98
34) Caprolactam	11.227	113	151729	32.496	ng/ul	98
35) 4-Chloro-3-methylphenol	11.598	107	491123	33.583	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	1053975	29.355	ng/ul	100
37) 1-Methylnaphthalene	12.163	142	1046900	29.577	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.321	216	652671	26.926	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	255341	17.956	ng/ul	98
41) 2,4,6-Trichlorophenol	12.574	196	444581	31.100	ng/ul	97
42) 2,4,5-Trichlorophenol	12.668	196	479167	31.893	ng/ul	99
43) 1,1'-Biphenyl	12.974	154	1397601	28.012	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	1137337	28.117	ng/ul	99
45) 2-Nitroaniline	13.233	65	326631	32.144	ng/ul	95
47) Dimethylphthalate	13.621	163	1396345	29.153	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	285471	33.140	ng/ul	97
50) Acenaphthylene	13.868	152	1674834	28.777	ng/ul	99
51) 3-Nitroaniline	14.074	138	277007	32.373	ng/ul	95
52) Acenaphthene	14.215	153	1181710	28.439	ng/ul	99
53) 2,4-Dinitrophenol	14.286	184	155021	29.104	ng/ul	90
55) 4-Nitrophenol	14.433	109	172906	29.878	ng/ul	93
56) Dibenzofuran	14.557	168	1683262	28.411	ng/ul	100
57) 2,4-Dinitrotoluene	14.539	165	429005	33.304	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.798	232	394788	32.266	ng/ul	94
59) Diethylphthalate	15.004	149	1380914	30.371	ng/ul	99
61) Fluorene	15.209	166	1386442	28.959	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.209	204	734810	28.296	ng/ul	97
63) 4-Nitroaniline	15.245	138	312763m	39.582	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.304	198	259002	27.868	ng/ul#	98
67) N-Nitrosodiphenylamine	15.427	169	1174771	29.287	ng/ul	97
68) 4-Bromophenyl-phenylether	16.104	248	460621	29.979	ng/ul	96
69) Hexachlorobenzene	16.215	284	525032	29.591	ng/ul	98
70) Atrazine	16.398	200	435601	27.589	ng/ul	97
71) Pentachlorophenol	16.568	266	329353	29.480	ng/ul	98
72) Phenanthrene	16.951	178	2183852	28.831	ng/ul	100
74) Anthracene	17.039	178	2218713	29.081	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	645220	26.530	ng/uL	98
76) Pentachlorobenzene	14.474	250	614657	26.431	ng/uL	99
77) Carbazole	17.321	167	1987273	29.143	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2459609	31.580	ng/ul	100
80) Fluoranthene	18.980	202	2588702	29.200	ng/ul	99
82) Pyrene	19.345	202	2746463	28.792	ng/ul	99
83) Butylbenzylphthalate	20.268	149	1056606	32.891	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.062	252	797310	31.626	ng/ul	98
85) Benzo(a)anthracene	21.127	228	2717969	29.141	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	1589688	33.678	ng/ul	98
87) Chrysene	21.180	228	2539921	29.323	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2691545	30.135	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	2826399	29.864	ng/ul	100
91) Benzo(k)fluoranthene	23.109	252	2811611	29.400	ng/ul	99
93) Benzo(a)pyrene	23.797	252	2654968	29.904	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.015	276	3488209	31.699	ng/ul	100
95) Dibenzo(a,h)anthracene	27.068	278	2838023	31.827	ng/ul	99
96) Benzo(g,h,i)perylene	27.979	276	2708490	32.371	ng/ul	99

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

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