Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072622\
Data File : BP011113.D
Acq On : 26 Jul 2022 16:47
Operator : CG/JU
Sample : N3809-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 26 17:56:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 14:31:36 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
YBE68MS

Manual IntegrationsAPPROVED

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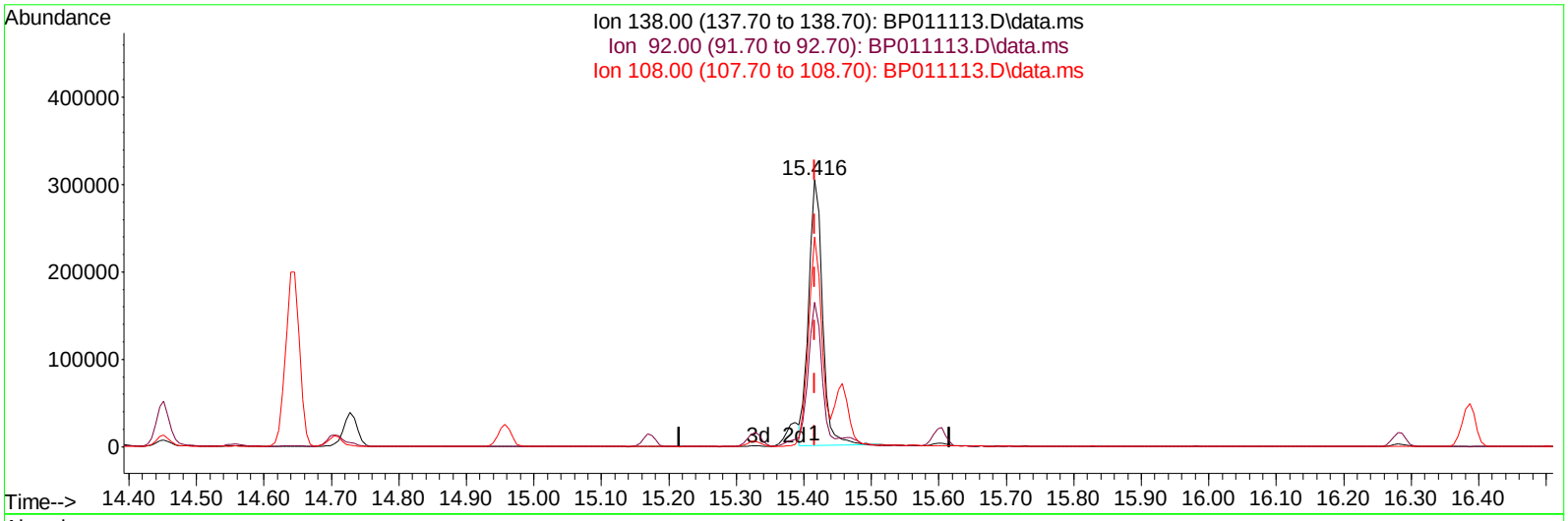
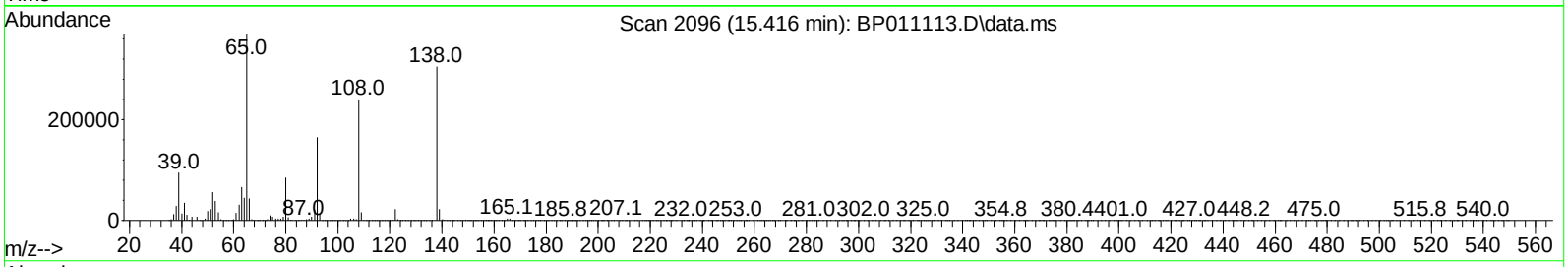
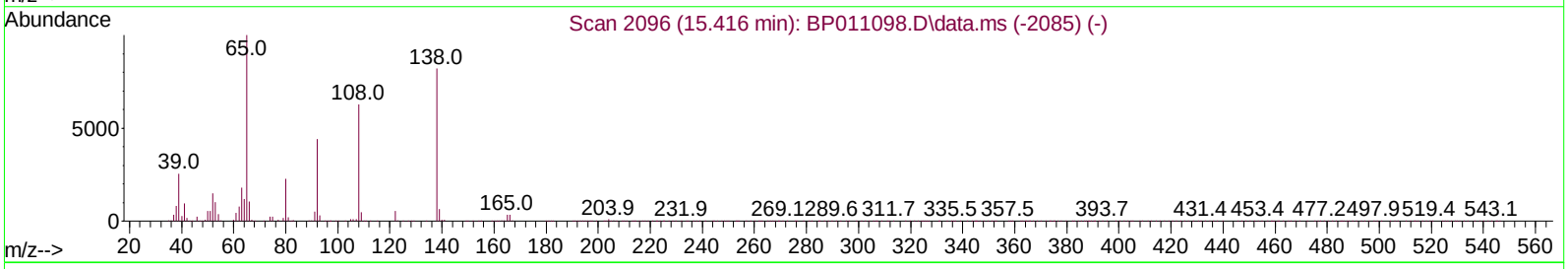
Supervised By :mohammad ahmed 07/27/2022







TIC: BP011113.D\data.ms

(63) 4-Nitroaniline

15.416min (+ 0.000) 30.47 ng/ul

response 433420

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	54.23
108.00	107.30	78.72#
0.00	0.00	0.00

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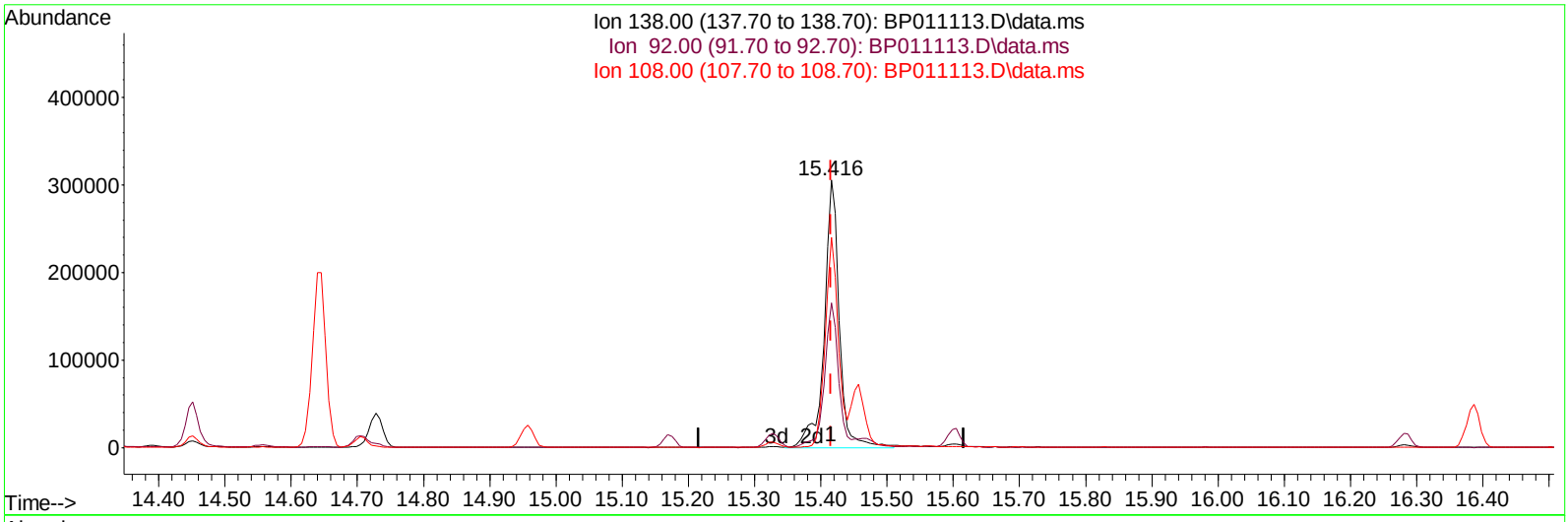

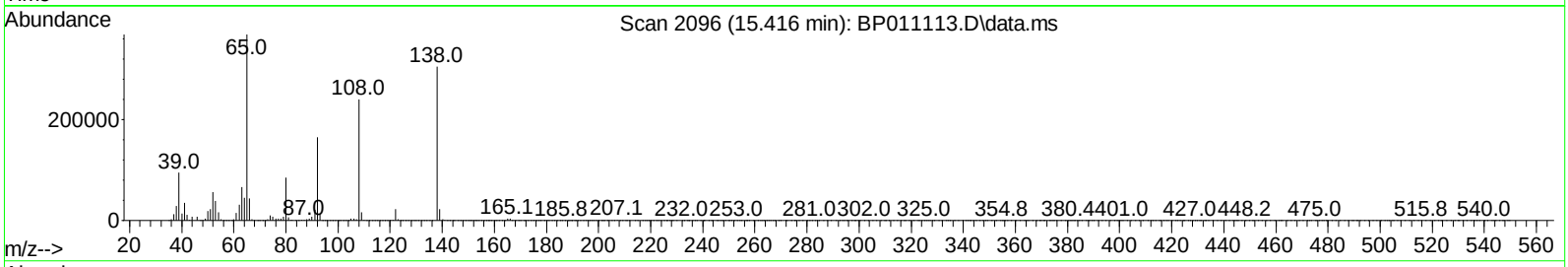

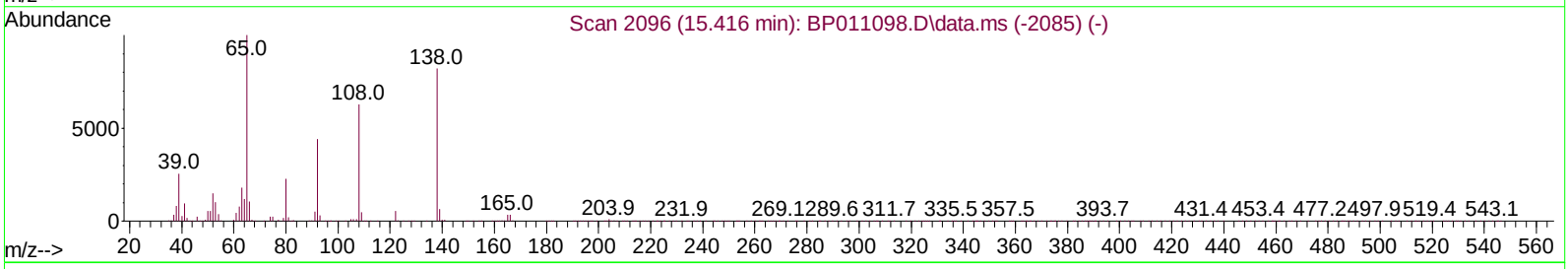

TIC: BP011113.D\data.ms

(63) 4-Nitroaniline

15.416min (+ 0.000) 34.09 ng/ul m

response 484983

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	54.23
108.00	107.30	78.72#
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	7.664	152	478656	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	2052472	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.328	164	1031938	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1620813	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.210	240	1247077	20.000	ng/ul	# 0.00
88) Perylene-d12	23.551	264	1376802	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	63883	4.812	ng/uL	0.00
4) Pyridine-d5	3.575	84	296293	8.634	ng/ul	0.00
7) Phenol-d5	6.840	99	365278	9.297	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	945576	37.426	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	924354	29.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	642036	20.411	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	595435	39.809	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	590158	39.874	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	944697	34.903	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	1216306	27.258	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	2772367	39.308	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	3480082	41.820	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	107355	7.521	ng/ul	0.00
60) Fluorene-d10	15.328	176	2230313	37.203	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	339826	42.371	ng/ul	0.00
73) Anthracene-d10	17.192	188	2837675	41.183	ng/ul	0.00
81) Pyrene-d10	19.451	212	2870657	43.829	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	2898788	43.837	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	74603	5.355	ng/uL#	85
5) Pyridine	3.593	79	333775	9.438	ng/ul#	76
6) Benzaldehyde	6.811	77	974703	51.072	ng/ul	98
8) Phenol	6.869	94	398894	9.551	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.099	93	1208852	36.470	ng/ul	92
12) 2-Chlorophenol	7.228	128	945720	28.817	ng/ul	94
13) 2-Methylphenol	8.116	108	713610	23.105	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.205	45	1802327	39.755	ng/ul#	97
16) Acetophenone	8.493	105	1787260	37.534	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.481	70	978272	40.945	ng/ul	93
18) 4-Methylphenol	8.446	108	691792	20.978	ng/ul	100
19) Hexachloroethane	8.734	117	454955	35.031	ng/ul#	79
22) Nitrobenzene	8.869	77	1360458	38.677	ng/ul	92
23) Isophorone	9.399	82	2643861	40.160	ng/ul	98
25) 2-Nitrophenol	9.575	139	632486	38.071	ng/ul#	84
26) 2,4-Dimethylphenol	9.646	107	841950	23.965	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.887	93	1665123	38.220	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	939635	33.540	ng/ul	99
30) Naphthalene	10.505	128	3687329	35.255	ng/ul	100
32) 4-Chloroaniline	10.628	127	1211901	27.458	ng/ul	99
33) Hexachlorobutadiene	10.787	225	573766	35.184	ng/ul	96
34) Caprolactam	11.434	113	49049	4.996	ng/ul	94
35) 4-Chloro-3-methylphenol	11.763	107	988175	31.211	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	2423406	35.740	ng/ul	98
37) 1-Methylnaphthalene	12.352	142	2443643	35.954	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	1074104	39.464	ng/ul#	98
40) Hexachlorocyclopentadiene	12.475	237	549377	32.590	ng/ul	94
41) 2,4,6-Trichlorophenol	12.746	196	709170	39.566	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	747745	39.036	ng/ul	99
43) 1,1'-Biphenyl	13.157	154	3077722	39.972	ng/ul#	98
44) 2-Chloronaphthalene	13.193	162	2288956	39.578	ng/ul	97
45) 2-Nitroaniline	13.410	65	707113	41.965	ng/ul#	86
47) Dimethylphthalate	13.798	163	2694552	37.862	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	551785	42.826	ng/ul	97
50) Acenaphthylene	14.046	152	3664115	39.241	ng/ul	98
51) 3-Nitroaniline	14.246	138	502668	32.473	ng/ul	93
52) Acenaphthene	14.393	153	2381384	38.498	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	243078	32.247	ng/ul	90
55) 4-Nitrophenol	14.557	109	83874	7.675	ng/ul#	76
56) Dibenzofuran	14.728	168	3206584	37.568	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	708591	38.556	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.957	232	536716	35.779	ng/ul#	83
59) Diethylphthalate	15.169	149	2707220	37.041	ng/ul	98
61) Fluorene	15.381	166	2501368	36.517	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	1157107	36.693	ng/ul	92
63) 4-Nitroaniline	15.416	138	484983m	34.090	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	340038	41.328	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	2077460	44.870	ng/ul	98
68) 4-Bromophenyl-phenylether	16.287	248	666749	45.611	ng/ul	95
69) Hexachlorobenzene	16.387	284	714663	42.124	ng/ul#	91
70) Atrazine	16.569	200	610837	38.138	ng/ul	96
71) Pentachlorophenol	16.740	266	394437	37.750	ng/ul	99
72) Phenanthrene	17.134	178	3449328	40.848	ng/ul	98
74) Anthracene	17.228	178	3367414	40.089	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	1081466	46.609	ng/uL	98
76) Pentachlorobenzene	14.646	250	974217	47.897	ng/uL	99
77) Carbazole	17.510	167	2991297	38.049	ng/ul	99
78) Di-n-butylphthalate	18.075	149	4023236	40.940	ng/ul	99
80) Fluoranthene	19.122	202	3466873	45.258	ng/ul#	86
82) Pyrene	19.475	202	3451406	43.670	ng/ul#	81
83) Butylbenzylphthalate	20.369	149	1609351	45.645	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.139	252	1024940	46.416	ng/ul#	97
85) Benzo(a)anthracene	21.198	228	3099533	40.811	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	2437732	46.339	ng/ul#	95
87) Chrysene	21.251	228	3080925	41.314	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	4240265	45.922	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	3468619	40.802	ng/ul#	95
91) Benzo(k)fluoranthene	22.886	252	3376161	42.280	ng/ul#	94
93) Benzo(a)pyrene	23.451	252	3459425	42.373	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.980	276	4255992	44.857	ng/ul#	86
95) Dibenzo(a,h)anthracene	26.004	278	3640832	44.347	ng/ul#	92
96) Benzo(g,h,i)perylene	26.727	276	3663901	45.341	ng/ul#	86

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

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