Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062422\
Data File : BP010817.D
Acq On : 25 Jun 2022 04:34
Operator : CG/JU
Sample : PB145724BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 25 06:18:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS724

Manual IntegrationsAPPROVED

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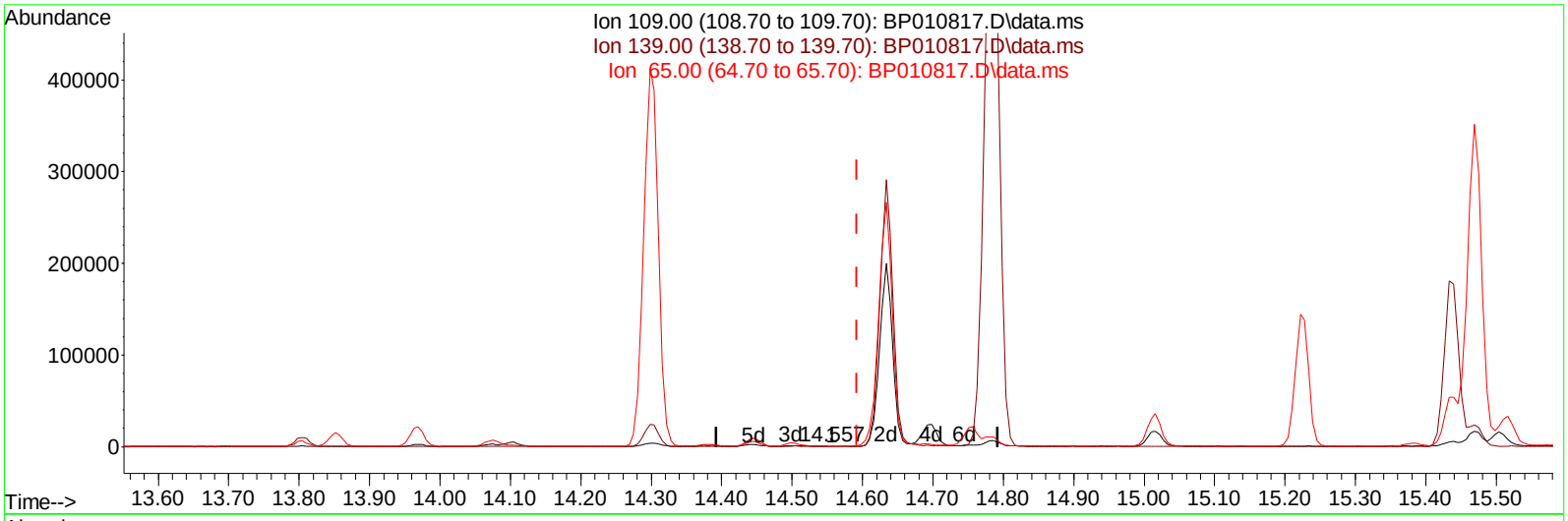
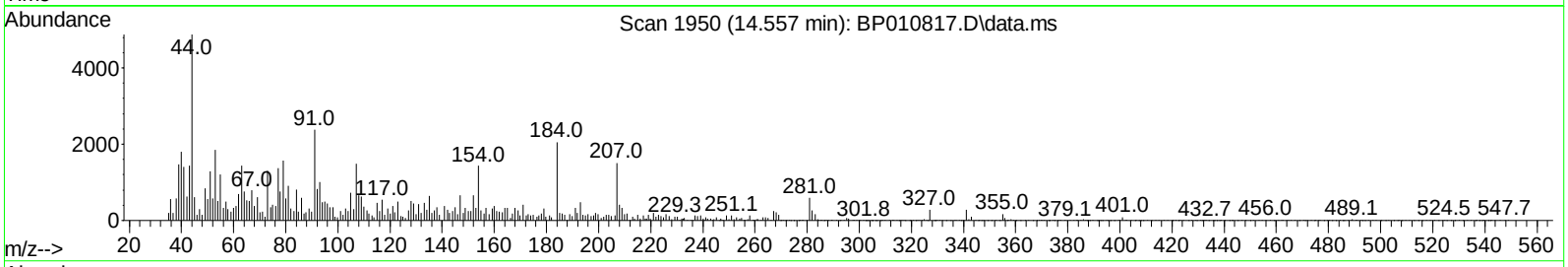
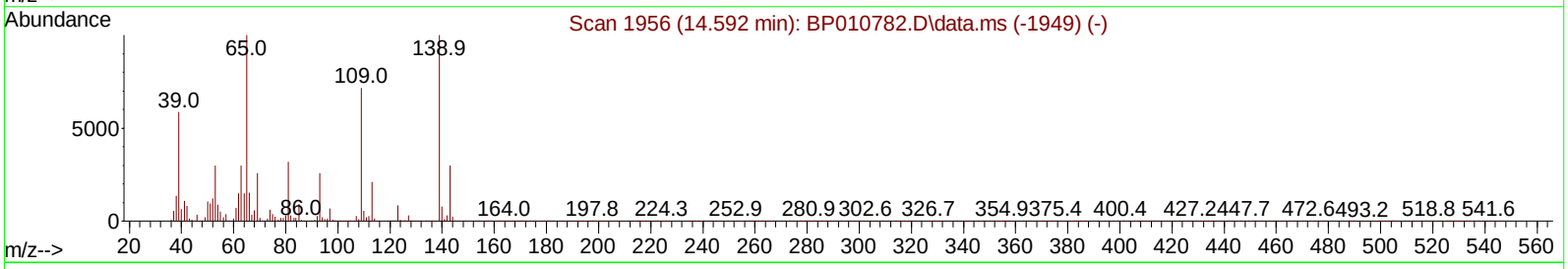
Supervised By :mohammad ahmed 06/29/2022







TIC: BP010817.D\data.ms

(55) 4-Nitrophenol

14.557min (-0.035) 0.04 ng/ul

response 292

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	94.50	24.96#
65.00	134.50	85.37#
0.00	0.00	0.00

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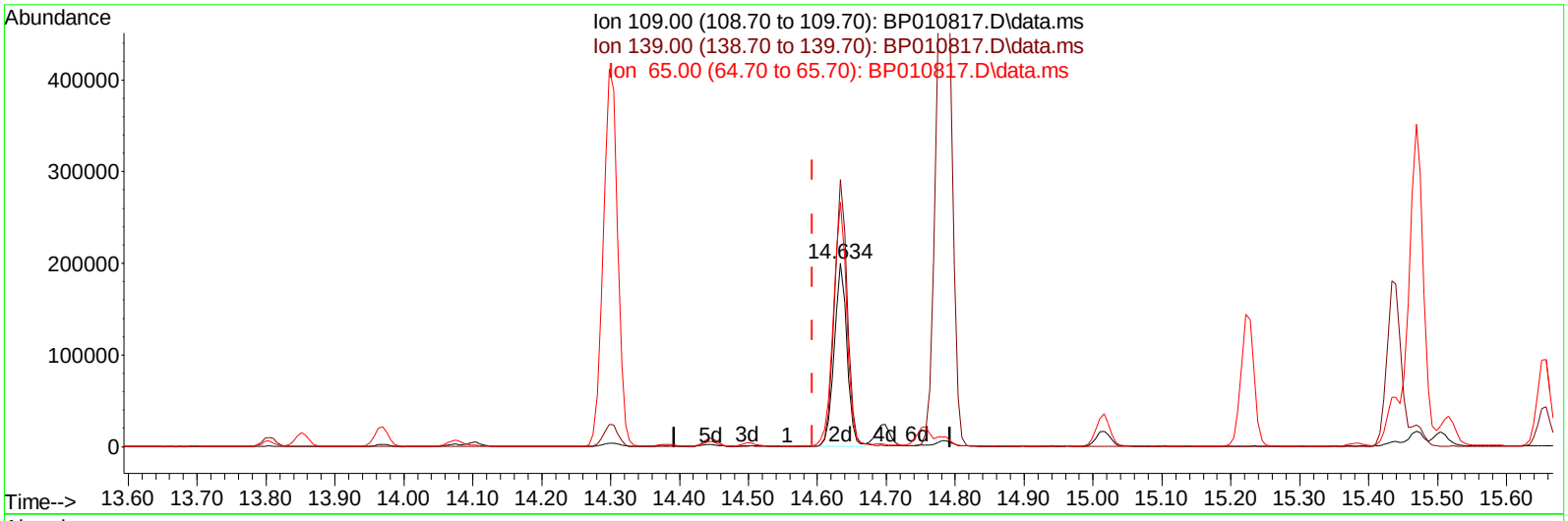

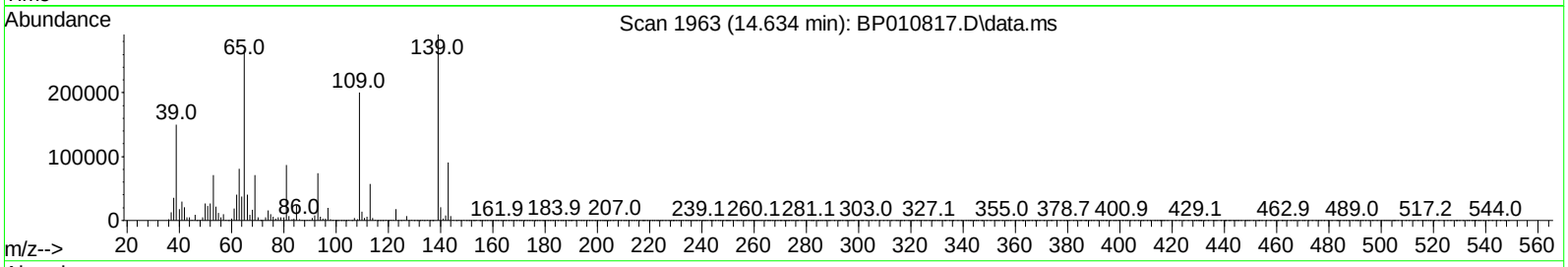

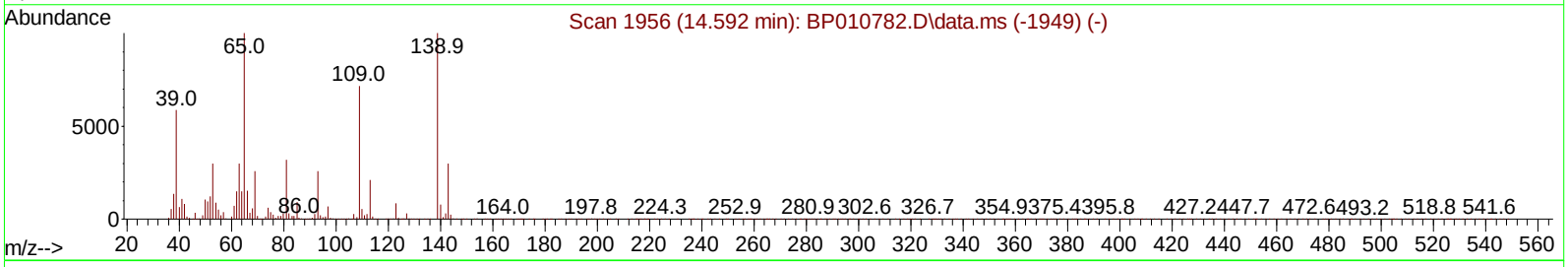

TIC: BP010817.D\data.ms

(55) 4-Nitrophenol

14.634min (+ 0.041) 35.80 ng/ul m

response 256834

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	94.50	145.63#
65.00	134.50	133.53
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	7.722	152	399991	20.000	ng/ul		0.00
20) Naphthalene-d8	10.522	136	1609857	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.381	164	843343	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.145	188	1496416	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.257	240	1325733	20.000	ng/ul	#	0.00
88) Perylene-d12	23.633	264	1504261	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.211	96	75985	7.186	ng/uL		0.00
4) Pyridine-d5	3.616	84	1021636	36.297	ng/ul		0.01
7) Phenol-d5	6.916	99	1264371	39.931	ng/ul		0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	773670	37.361	ng/ul		0.00
11) 2-Chlorophenol-d4	7.263	132	1081484	41.168	ng/ul		0.01
15) 4-Methylphenol-d8	8.457	113	997864	39.866	ng/ul		0.02
21) Nitrobenzene-d5	8.893	128	504809	49.258	ng/ul		0.01
24) 2-Nitrophenol-d4	9.610	143	516293	60.893	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.157	165	888092	42.392	ng/ul		0.02
31) 4-Chloroaniline-d4	10.669	131	1251391	36.593	ng/ul		0.01
46) Dimethylphthalate-d6	13.804	166	2287580	39.598	ng/ul		0.00
49) Acenaphthylene-d8	14.075	160	2917895	39.575	ng/ul		0.00
54) 4-Nitrophenol-d4	14.622	143	376005	41.671	ng/ul		0.04
60) Fluorene-d10	15.381	176	1914993	38.628	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	234509	47.301	ng/ul		0.00
73) Anthracene-d10	17.245	188	2605470	39.134	ng/ul		0.00
81) Pyrene-d10	19.492	212	2820444	39.050	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.480	264	3114527	41.899	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	150478	13.345	ng/uL#		84
5) Pyridine	3.640	79	981437	34.421	ng/ul#		71
6) Benzaldehyde	6.875	77	829399	49.645	ng/ul		93
8) Phenol	6.946	94	1236167	36.502	ng/ul#		84
10) Bis(2-Chloroethyl)ether	7.163	93	989113	36.366	ng/ul		87
12) 2-Chlorophenol	7.299	128	1033329	38.106	ng/ul#		89
13) 2-Methylphenol	8.187	108	915404	36.308	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.269	45	1243785	34.083	ng/ul#		94
16) Acetophenone	8.557	105	1436792	37.377	ng/ul#		85
17) N-Nitroso-di-n-propyla...	8.546	70	684427	35.212	ng/ul#		86
18) 4-Methylphenol	8.522	108	977367	37.225	ng/ul		98
19) Hexachloroethane	8.799	117	403909	36.780	ng/ul		86
22) Nitrobenzene	8.934	77	1052554	41.156	ng/ul#		88
23) Isophorone	9.463	82	1914479	35.696	ng/ul		96
25) 2-Nitrophenol	9.640	139	531125	51.728	ng/ul#		77
26) 2,4-Dimethylphenol	9.716	107	932344	33.236	ng/ul		95
27) Bis(2-Chloroethoxy)met...	9.951	93	1228017	36.296	ng/ul#		97
29) 2,4-Dichlorophenol	10.181	162	831247	38.185	ng/ul		99
30) Naphthalene	10.575	128	3082907	36.743	ng/ul		99
32) 4-Chloroaniline	10.693	127	1182458	34.900	ng/ul		99
33) Hexachlorobutadiene	10.857	225	508191	36.541	ng/ul		96
34) Caprolactam	11.498	113	258911	37.860	ng/ul		82
35) 4-Chloro-3-methylphenol	11.845	107	862682	36.564	ng/ul		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.193	142	1918982	35.320	ng/ul	98
37) 1-Methylnaphthalene	12.416	142	1932089	35.795	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	900821	37.171	ng/ul	98
40) Hexachlorocyclopentadiene	12.540	237	493794	32.155	ng/ul	97
41) 2,4,6-Trichlorophenol	12.816	196	577897	41.361	ng/ul	100
42) 2,4,5-Trichlorophenol	12.887	196	615468	41.049	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	2419203	36.439	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1864198	37.275	ng/ul	98
45) 2-Nitroaniline	13.469	65	507806	47.856	ng/ul#	80
47) Dimethylphthalate	13.851	163	2151384	37.187	ng/ul	98
48) 2,6-Dinitrotoluene	13.969	165	432858	49.935	ng/ul	89
50) Acenaphthylene	14.104	152	2867573	35.512	ng/ul	99
51) 3-Nitroaniline	14.298	138	475903	45.795	ng/ul	89
52) Acenaphthene	14.445	153	1940759	37.249	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	104151	31.297	ng/ul#	79
55) 4-Nitrophenol	14.634	109	256834m	35.797	ng/ul	
56) Dibenzofuran	14.786	168	2568282	35.987	ng/ul	94
57) 2,4-Dinitrotoluene	14.757	165	584164	50.434	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.016	232	418196	38.948	ng/ul	93
59) Diethylphthalate	15.228	149	2120770	36.872	ng/ul	99
61) Fluorene	15.439	166	2057530	36.156	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	961593	36.096	ng/ul	99
63) 4-Nitroaniline	15.469	138	489706	50.966	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.516	198	227712	42.505	ng/ul	100
67) N-Nitrosodiphenylamine	15.657	169	1717504	37.894	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	587265	39.159	ng/ul	93
69) Hexachlorobenzene	16.439	284	649399	37.385	ng/ul	98
70) Atrazine	16.628	200	557145	37.076	ng/ul	98
71) Pentachlorophenol	16.798	266	129047	14.428	ng/ul	98
72) Phenanthrene	17.186	178	3017020	37.860	ng/ul	99
74) Anthracene	17.280	178	2954030	36.857	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	923385	37.394	ng/uL	97
76) Pentachlorobenzene	14.698	250	821357	38.783	ng/uL	98
77) Carbazole	17.563	167	2750429	38.124	ng/ul	100
78) Di-n-butylphthalate	18.127	149	3381399	39.332	ng/ul	98
80) Fluoranthene	19.169	202	3230660	36.369	ng/ul#	90
82) Pyrene	19.522	202	3299018	36.775	ng/ul#	85
83) Butylbenzylphthalate	20.421	149	1521765	48.193	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.180	252	1134102	41.428	ng/ul#	99
85) Benzo(a)anthracene	21.245	228	3196866	38.557	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	2138631	42.770	ng/ul	98
87) Chrysene	21.292	228	3006372	37.838	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	3804310	42.607	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	3608808	38.578	ng/ul#	96
91) Benzo(k)fluoranthene	22.957	252	3443904	38.731	ng/ul#	95
93) Benzo(a)pyrene	23.527	252	3244856	35.658	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.104	276	4470983	40.717	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.127	278	3735397	39.659	ng/ul#	93
96) Benzo(g,h,i)perylene	26.856	276	3678446	39.382	ng/ul#	89

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

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