Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062522\
Data File : BP010823.D
Acq On : 25 Jun 2022 12:13
Operator : CG/JU
Sample : PB145658BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 27 09:27:38 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 :
SLCS658

Manual IntegrationsAPPROVED

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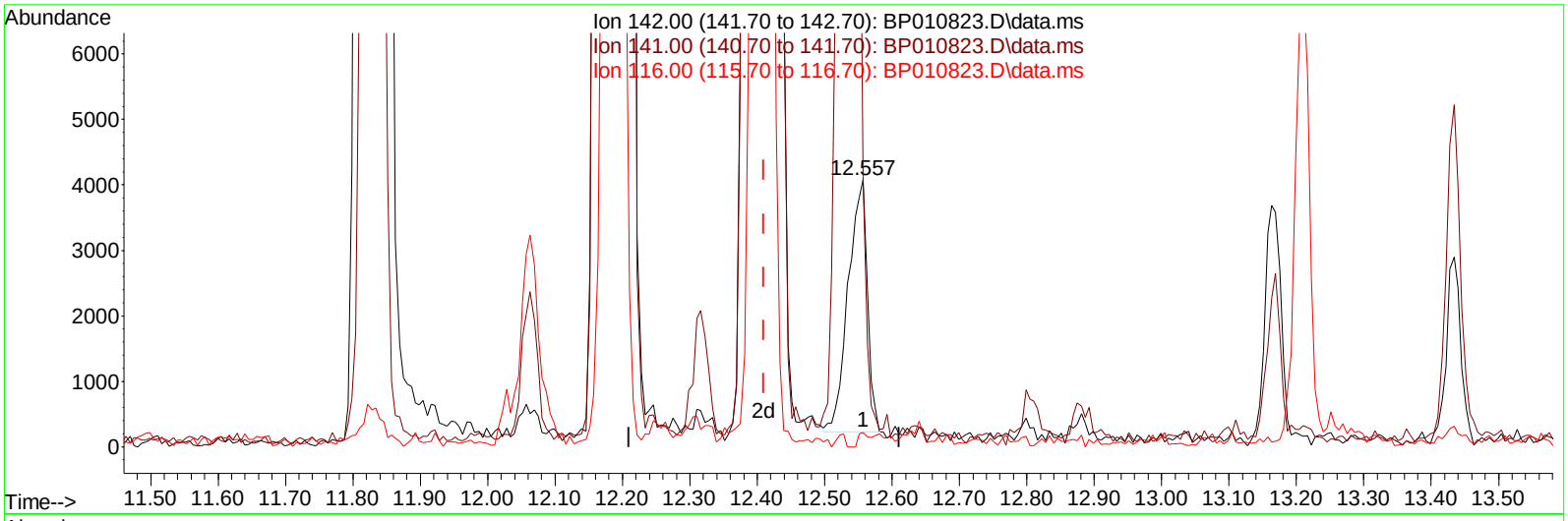
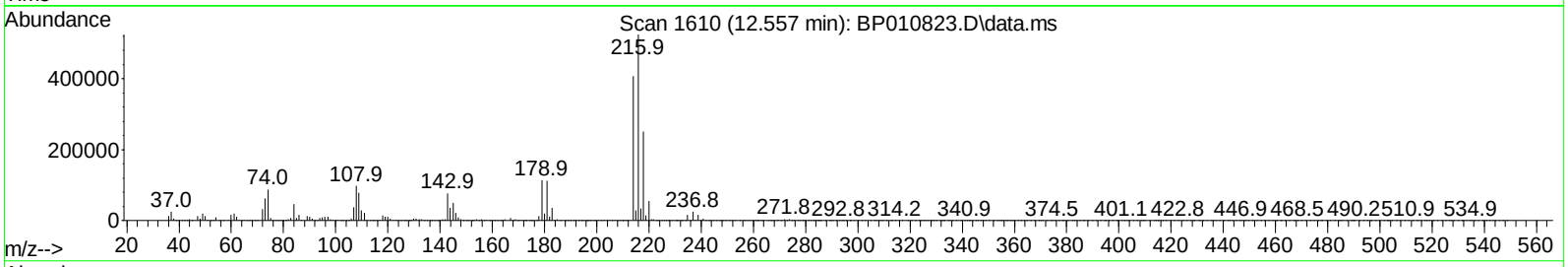
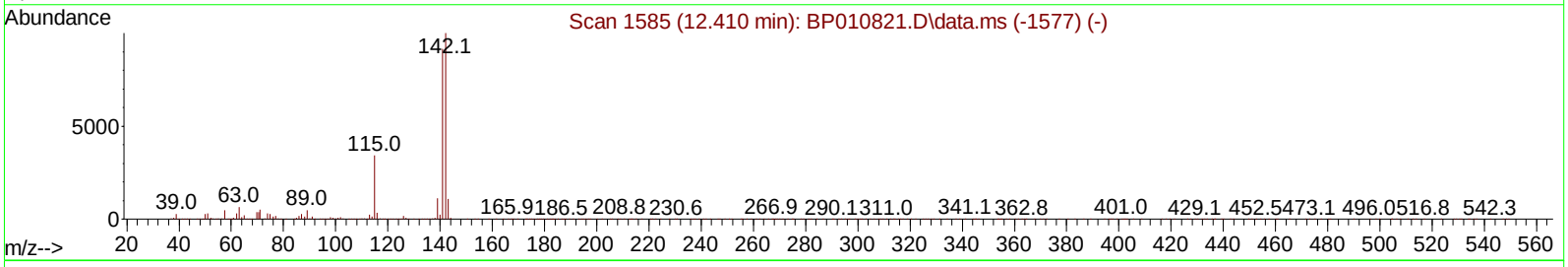
Supervised By :mohammad ahmed 07/01/2022







TIC: BP010823.D\data.ms

(37) 1-Methylnaphthalene

12.557min (+ 0.147) 0.13 ng/ul

response 7626

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	101.15
116.00	5.00	5.22
0.00	0.00	0.00

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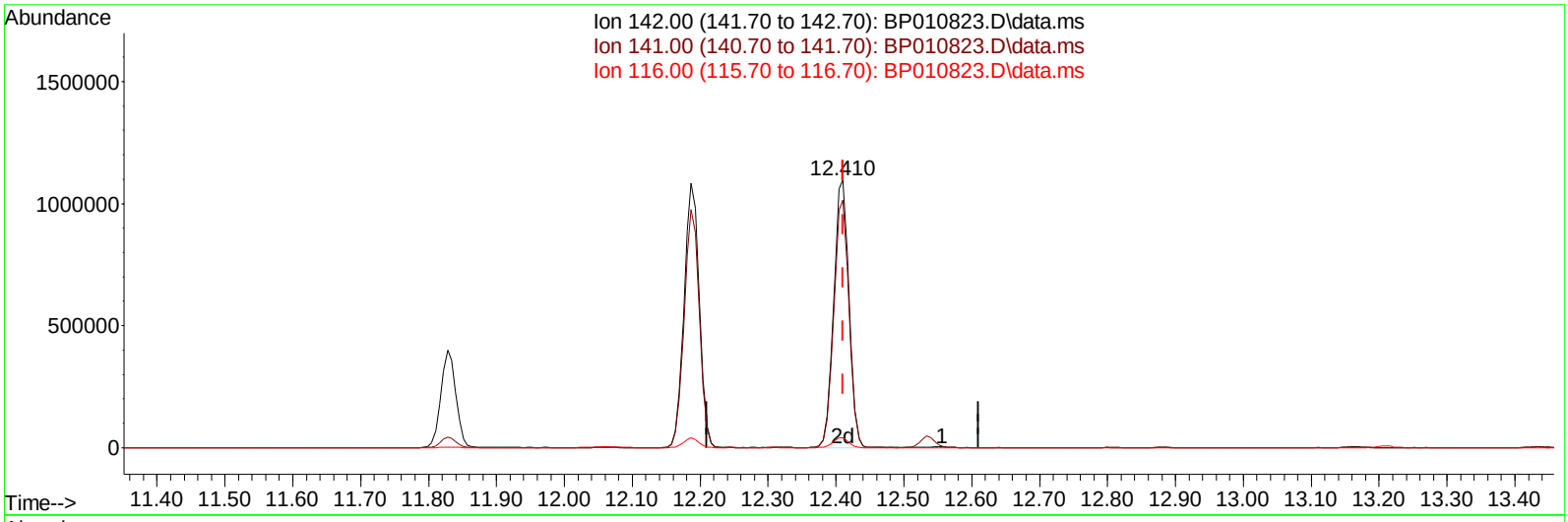

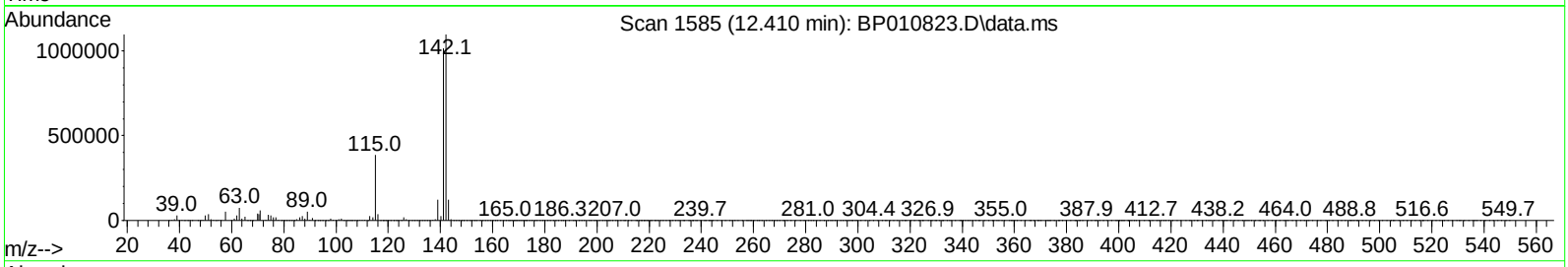

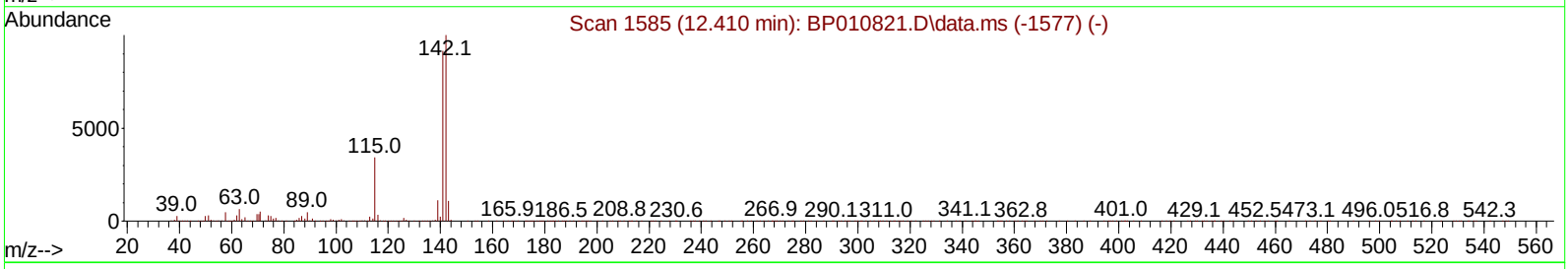

TIC: BP010823.D\data.ms

(37) 1-Methylnaphthalene

12.410min (+ 0.000) 28.64 ng/ul m

response 1707802

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	92.63
116.00	5.00	3.56#
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	443740	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	1778557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	915127	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	1605693	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.251	240	1518915	20.000	ng/ul	# 0.00
88) Perylene-d12	23.621	264	1720895	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	69931	5.961	ng/uL	0.00
4) Pyridine-d5	3.617	84	923102	29.563	ng/ul	0.01
7) Phenol-d5	6.905	99	1101782	31.366	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.063	67	687913	29.945	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	936752	32.143	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	871969	31.402	ng/ul	0.01
21) Nitrobenzene-d5	8.887	128	429023	37.892	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	420203	44.859	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	756462	32.684	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	1046243	27.693	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1941004	30.964	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	2507797	31.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	327704	33.469	ng/ul	0.02
60) Fluorene-d10	15.375	176	1642736	30.537	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	193981	36.464	ng/ul	0.00
73) Anthracene-d10	17.239	188	2276830	31.871	ng/ul	0.00
81) Pyrene-d10	19.486	212	2497390	30.180	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.468	264	2798587	32.909	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	140708	11.248	ng/uL#	82
5) Pyridine	3.634	79	909435	28.751	ng/ul#	71
6) Benzaldehyde	6.869	77	741555	40.011	ng/ul	94
8) Phenol	6.934	94	1104813	29.407	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.158	93	894818	29.656	ng/ul	88
12) 2-Chlorophenol	7.287	128	913063	30.351	ng/ul	92
13) 2-Methylphenol	8.175	108	813293	29.078	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	1136486	28.072	ng/ul#	95
16) Acetophenone	8.552	105	1275594	29.912	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.540	70	606862	28.143	ng/ul	87
18) 4-Methylphenol	8.510	108	864434	29.678	ng/ul	100
19) Hexachloroethane	8.793	117	364370	29.908	ng/ul#	82
22) Nitrobenzene	8.928	77	936706	33.152	ng/ul#	88
23) Isophorone	9.457	82	1672665	28.229	ng/ul	97
25) 2-Nitrophenol	9.634	139	452113	39.857	ng/ul#	78
26) 2,4-Dimethylphenol	9.705	107	898018	28.976	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.946	93	1094375	29.278	ng/ul	98
29) 2,4-Dichlorophenol	10.175	162	729262	30.323	ng/ul	97
30) Naphthalene	10.569	128	2745121	29.614	ng/ul	99
32) 4-Chloroaniline	10.687	127	996873	26.632	ng/ul	99
33) Hexachlorobutadiene	10.852	225	450666	29.331	ng/ul	97
34) Caprolactam	11.475	113	213425	28.249	ng/ul	81
35) 4-Chloro-3-methylphenol	11.828	107	755396	28.980	ng/ul	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.187	142	1690385	28.161 ng/ul	97
37) 1-Methylnaphthalene	12.410	142	1707802m	28.638 ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.557	216	797839	30.339 ng/ul	98
40) Hexachlorocyclopentadiene	12.534	237	478640	28.723 ng/ul	97
41) 2,4,6-Trichlorophenol	12.804	196	502868	33.168 ng/ul	97
42) 2,4,5-Trichlorophenol	12.881	196	526240	32.344 ng/ul	100
43) 1,1'-Biphenyl	13.210	154	2122552	29.463 ng/ul	98
44) 2-Chloronaphthalene	13.246	162	1640200	30.223 ng/ul	98
45) 2-Nitroaniline	13.463	65	424368	36.856 ng/ul#	79
47) Dimethylphthalate	13.845	163	1878067	29.916 ng/ul	98
48) 2,6-Dinitrotoluene	13.963	165	359504	38.220 ng/ul	90
50) Acenaphthylene	14.098	152	2515288	28.706 ng/ul	98
51) 3-Nitroaniline	14.293	138	386074	34.236 ng/ul	88
52) Acenaphthene	14.440	153	1710223	30.250 ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	100207	27.750 ng/ul#	79
55) 4-Nitrophenol	14.616	109	233002	29.928 ng/ul#	74
56) Dibenzofuran	14.781	168	2275319	29.381 ng/ul	96
57) 2,4-Dinitrotoluene	14.751	165	494194	39.320 ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.010	232	382273	32.810 ng/ul	94
59) Diethylphthalate	15.222	149	1829465	29.312 ng/ul	99
61) Fluorene	15.434	166	1804042	29.215 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	847621	29.322 ng/ul	98
63) 4-Nitroaniline	15.463	138	414311	39.737 ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.510	198	195695	34.042 ng/ul	98
67) N-Nitrosodiphenylamine	15.651	169	1504894	30.944 ng/ul	98
68) 4-Bromophenyl-phenylether	16.334	248	504375	31.343 ng/ul	97
69) Hexachlorobenzene	16.434	284	572952	30.740 ng/ul	96
70) Atrazine	16.616	200	488500	30.296 ng/ul	97
71) Pentachlorophenol	16.792	266	196077	20.430 ng/ul	97
72) Phenanthrene	17.186	178	2623379	30.680 ng/ul	98
74) Anthracene	17.275	178	2628167	30.560 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	818302	30.883 ng/uL	96
76) Pentachlorobenzene	14.693	250	725109	31.908 ng/uL	98
77) Carbazole	17.557	167	2406997	31.093 ng/ul	99
78) Di-n-butylphthalate	18.122	149	2872397	31.138 ng/ul	99
80) Fluoranthene	19.163	202	2851001	28.013 ng/ul#	89
82) Pyrene	19.516	202	2956315	28.763 ng/ul#	84
83) Butylbenzylphthalate	20.416	149	1296660	35.842 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.174	252	1086913	34.654 ng/ul#	98
85) Benzo(a)anthracene	21.239	228	2971078	31.276 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1891686	33.020 ng/ul#	96
87) Chrysene	21.286	228	2803578	30.798 ng/ul	99
89) Di-n-octyl phthalate	22.104	149	3321023	32.512 ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	3297819	30.816 ng/ul#	96
91) Benzo(k)fluoranthene	22.951	252	3261192	32.060 ng/ul#	96
93) Benzo(a)pyrene	23.516	252	2944587	28.285 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.086	276	4089341	32.553 ng/ul#	91
95) Dibenzo(a,h)anthracene	26.110	278	3407937	31.628 ng/ul#	93
96) Benzo(g,h,i)perylene	26.839	276	3346032	31.313 ng/ul#	89

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

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