Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013541.D
Acq On : 19 Jan 2023 02:12
Operator : CG/JU
Sample : PB150297BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 19 03:57:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 18 01:06:35 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS297

Manual IntegrationsAPPROVED

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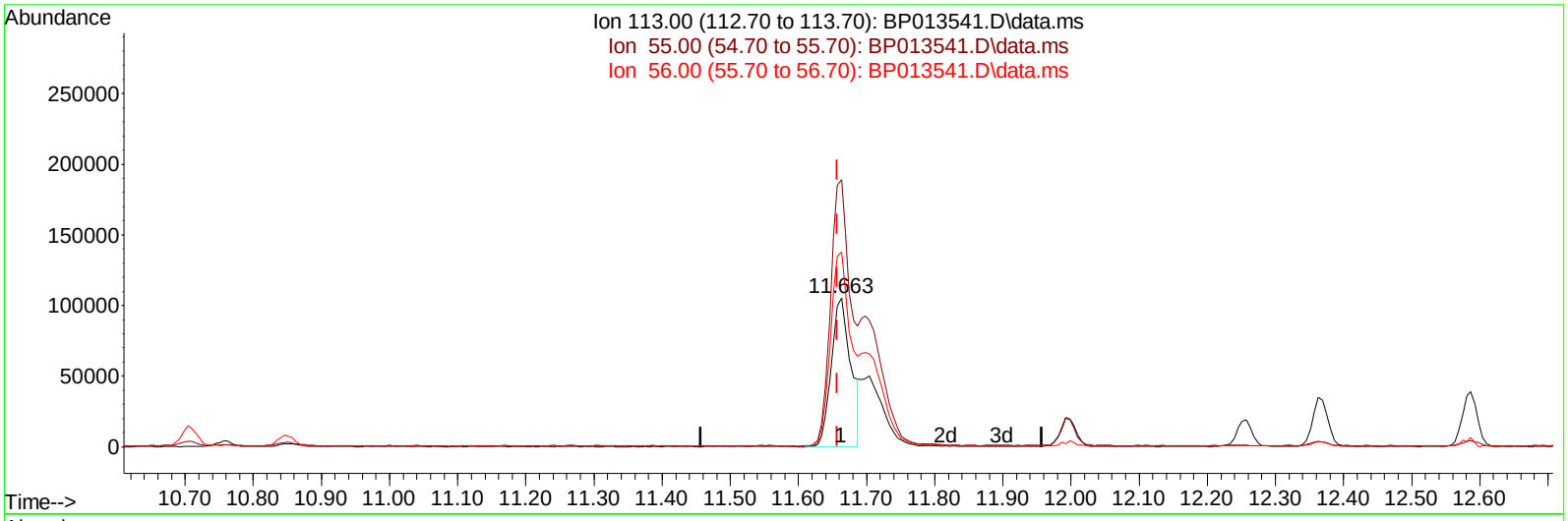
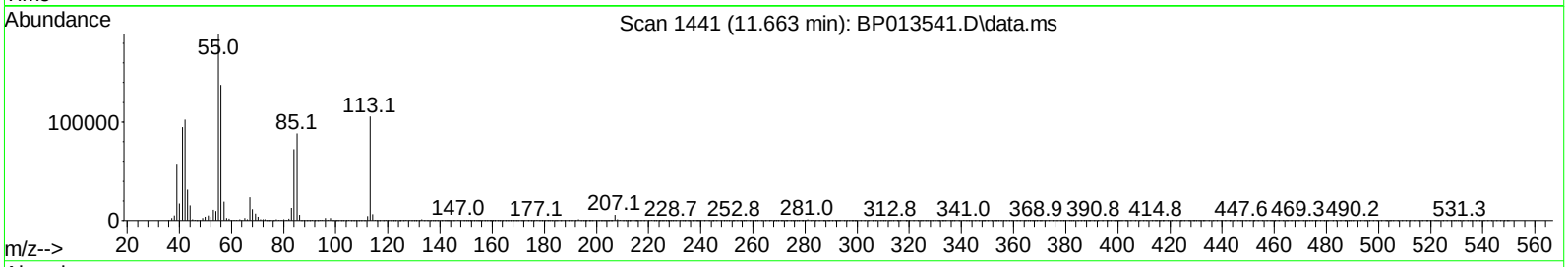
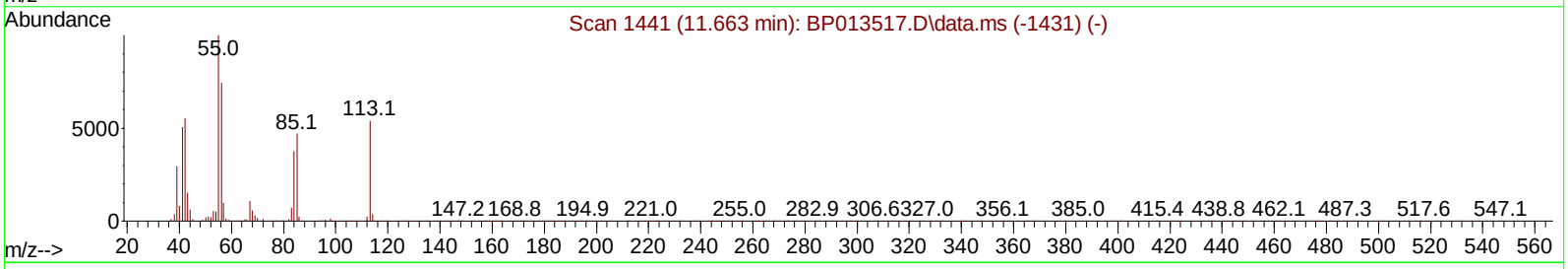
Supervised By :mohammad ahmed 01/20/2023







TIC: BP013541.D\data.ms

(34) Caprolactam

11.663min (+ 0.006) 24.32 ng/ul

response 211034

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	179.17
56.00	146.40	130.86
0.00	0.00	0.00

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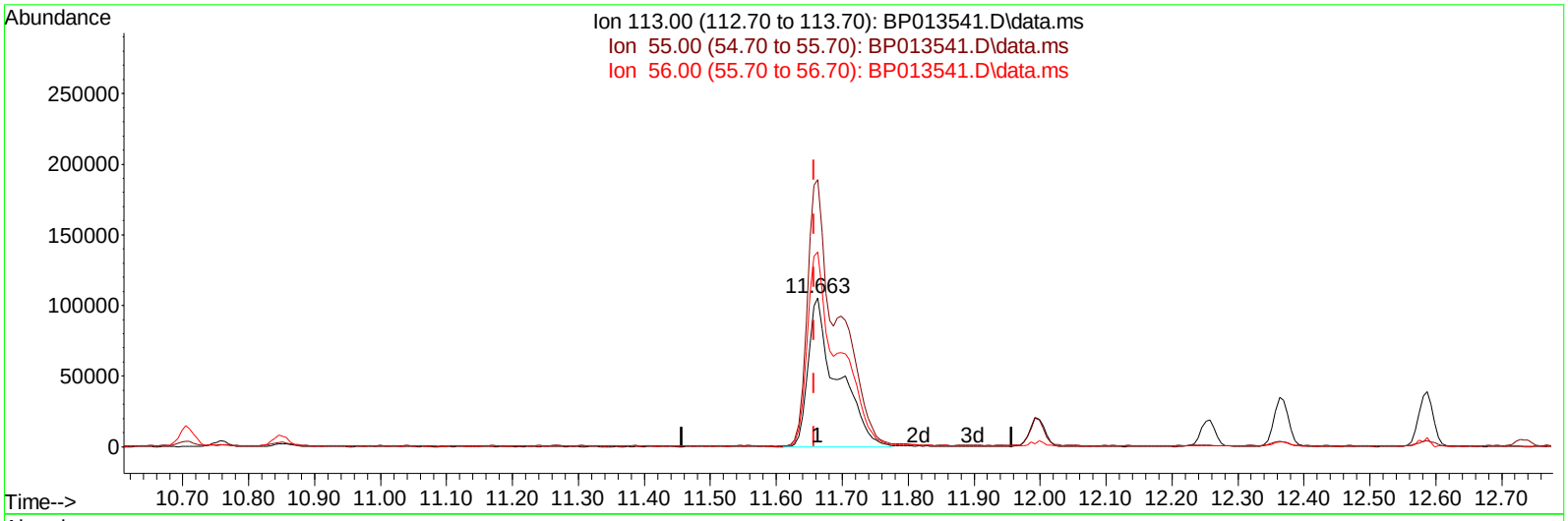

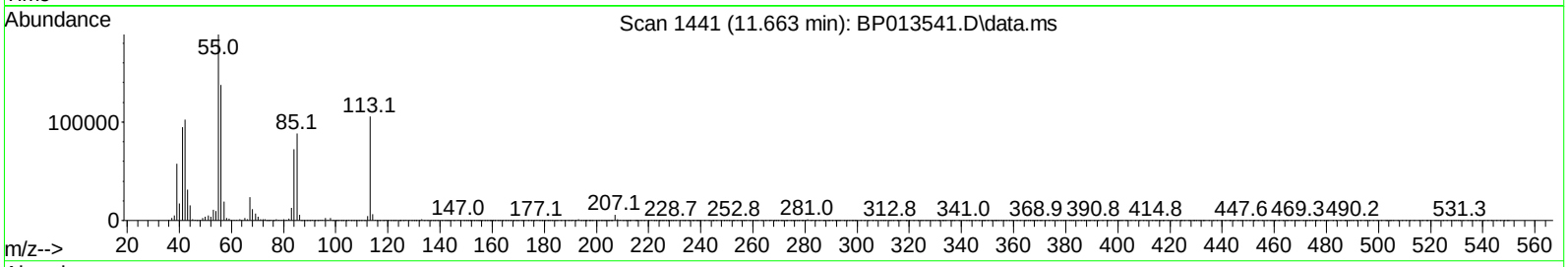

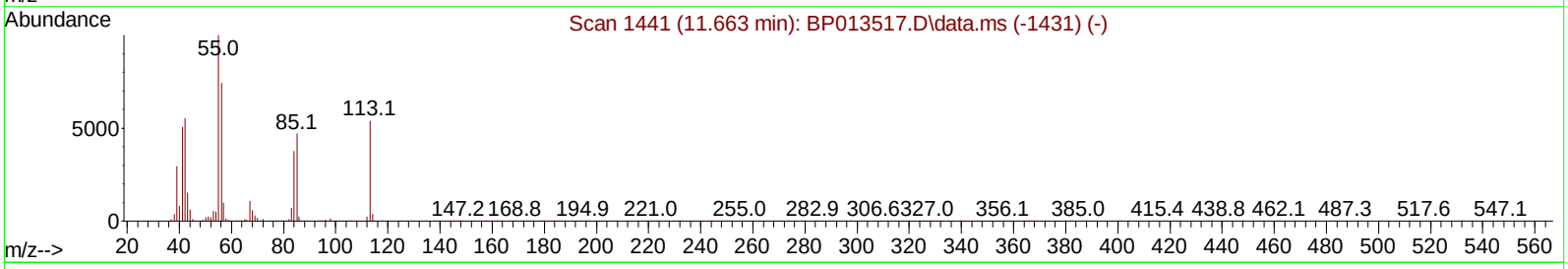

TIC: BP013541.D\data.ms

(34) Caprolactam

11.663min (+ 0.006) 37.41 ng/ul m

response 324674

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	179.17
56.00	146.40	130.86
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	7.899	152	484328	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	1876988	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	1091384	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	2222958	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	2215590	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	2870744	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	80568	6.466	ng/uL	0.00
4) Pyridine-d5	3.716	84	878912	25.290	ng/ul	0.00
7) Phenol-d5	7.057	99	1497153	37.253	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	881309	34.760	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	1182064	39.440	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	1146445	37.443	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	560074	41.907	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	655335	44.794	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	1176295	40.345	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	1056527	25.723	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	2987675	37.574	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	3568958	40.549	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	558139	38.349	ng/ul	0.00
60) Fluorene-d10	15.539	176	2584465	36.798	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	567635	40.271	ng/ul	0.00
73) Anthracene-d10	17.404	188	3909385	39.788	ng/ul	0.00
81) Pyrene-d10	19.633	212	4619854	38.324	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.686	264	5527924	39.202	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	158606	11.558	ng/uL	95
5) Pyridine	3.734	79	1110216	31.591	ng/ul	99
6) Benzaldehyde	7.034	77	902973	58.909	ng/ul	96
8) Phenol	7.087	94	1474392	35.461	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	1132800	34.455	ng/ul	98
12) 2-Chlorophenol	7.457	128	1169806	37.468	ng/ul	95
13) 2-Methylphenol	8.346	108	1085952	36.369	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	1723624	33.974	ng/ul	98
16) Acetophenone	8.728	105	1713608	35.461	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	871171	37.707	ng/ul	98
18) 4-Methylphenol	8.675	108	1181303	35.993	ng/ul	97
19) Hexachloroethane	8.975	117	464689	36.938	ng/ul	98
22) Nitrobenzene	9.110	77	1309064	37.526	ng/ul	94
23) Isophorone	9.640	82	2381468	39.009	ng/ul	98
25) 2-Nitrophenol	9.822	139	662981	41.681	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	1226695	36.967	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	1459502	36.177	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	1122905	38.496	ng/ul	99
30) Naphthalene	10.757	128	3582761	35.881	ng/ul	99
32) 4-Chloroaniline	10.875	127	1341834	32.492	ng/ul	99
33) Hexachlorobutadiene	11.034	225	782143	37.340	ng/ul	98
34) Caprolactam	11.663	113	324674m	37.413	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	1107294	39.333	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	2339084	36.629	ng/ul	99
37) 1-Methylnaphthalene	12.587	142	2385769	36.018	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1416339	37.854	ng/ul	100
40) Hexachlorocyclopentadiene	12.710	237	807939	35.893	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	901656	40.966	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	973289	40.635	ng/ul	98
43) 1,1'-Biphenyl	13.375	154	3108218	37.512	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	2487974	37.211	ng/ul	99
45) 2-Nitroaniline	13.628	65	702756	43.433	ng/ul	97
47) Dimethylphthalate	13.998	163	2892436	36.410	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	602911	43.827	ng/ul	93
50) Acenaphthylene	14.263	152	3728810	38.441	ng/ul	99
51) 3-Nitroaniline	14.457	138	588832	40.411	ng/ul	96
52) Acenaphthene	14.610	153	2535846	36.525	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	387678	37.859	ng/ul	93
55) 4-Nitrophenol	14.763	109	419572	37.927	ng/ul	96
56) Dibenzofuran	14.945	168	3553822	35.641	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	854850	41.805	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.175	232	825120	39.490	ng/ul	97
59) Diethylphthalate	15.363	149	2697280	36.276	ng/ul	99
61) Fluorene	15.592	166	2854554	35.865	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	1479766	35.603	ng/ul	97
63) 4-Nitroaniline	15.622	138	630355	46.790	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.681	198	540163	38.825	ng/ul#	98
67) N-Nitrosodiphenylamine	15.804	169	2385578	39.680	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	920885	39.993	ng/ul	95
69) Hexachlorobenzene	16.604	284	1078222	38.836	ng/ul	98
70) Atrazine	16.757	200	860795	37.453	ng/ul	99
71) Pentachlorophenol	16.951	266	657264	39.773	ng/ul	97
72) Phenanthrene	17.345	178	4390946	37.155	ng/ul	100
74) Anthracene	17.439	178	4419550	37.858	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	1379915	41.105	ng/uL	100
76) Pentachlorobenzene	14.863	250	1286279	39.354	ng/uL	99
77) Carbazole	17.710	167	3939052	38.957	ng/ul	99
78) Di-n-butylphthalate	18.251	149	4279583	43.157	ng/ul	99
80) Fluoranthene	19.310	202	5251842	38.065	ng/ul	98
82) Pyrene	19.663	202	5454639	37.312	ng/ul	98
83) Butylbenzylphthalate	20.527	149	2041315	46.017	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.304	252	2041597	50.000	ng/ul	99
85) Benzo(a)anthracene	21.374	228	5726991	39.032	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	3183535	51.520	ng/ul	99
87) Chrysene	21.427	228	5384474	37.651	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	5281319	42.922	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	6489850	35.747	ng/ul	100
91) Benzo(k)fluoranthene	23.145	252	6386720	36.867	ng/ul	99
93) Benzo(a)pyrene	23.733	252	5962848	37.407	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.404	276	8463577	38.319	ng/ul	99
95) Dibenzo(a,h)anthracene	26.415	278	7029740	38.154	ng/ul	100
96) Benzo(g,h,i)perylene	27.192	276	7064389	38.887	ng/ul	100

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

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