Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013540.D
Acq On : 19 Jan 2023 01:37
Operator : CG/JU
Sample : PB150266BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 19 03:57:42 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 :
SLCS266

Manual IntegrationsAPPROVED

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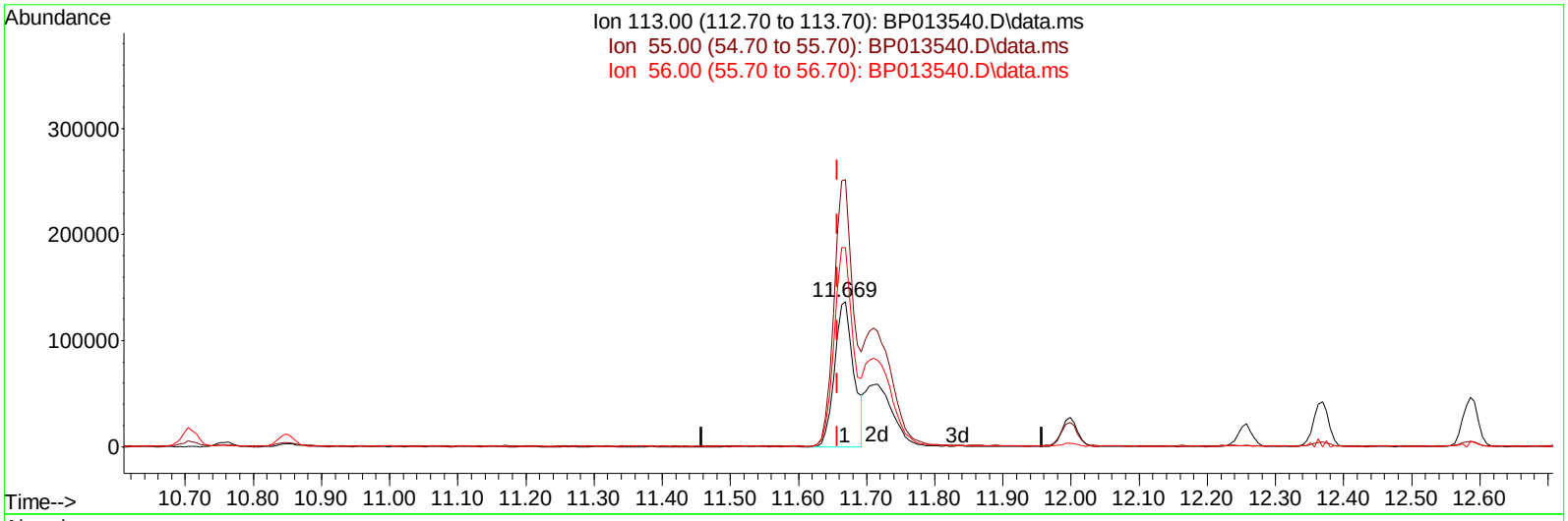
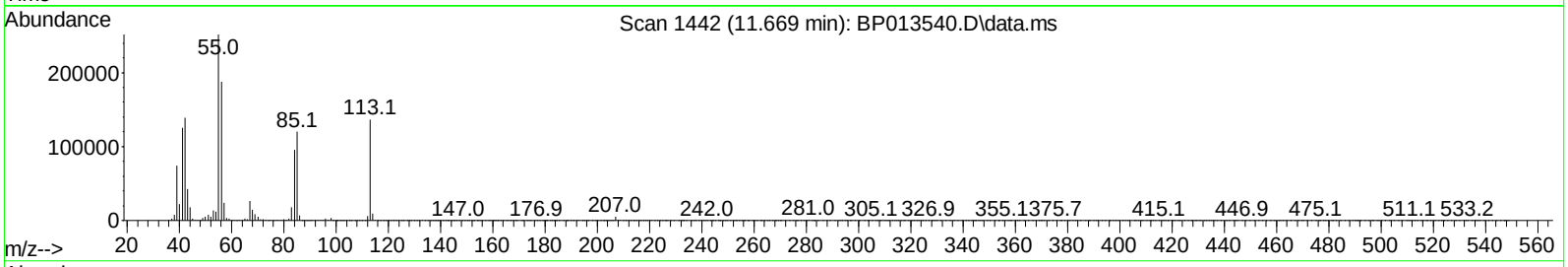
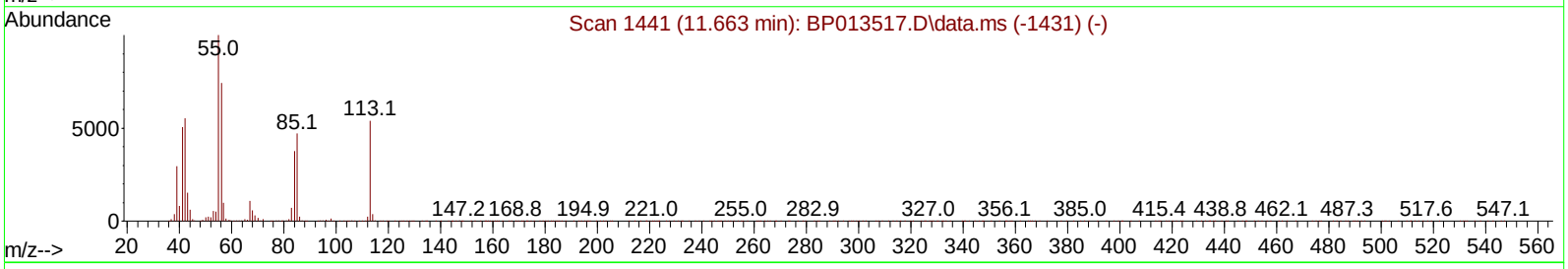
Supervised By :mohammad ahmed 01/20/2023







TIC: BP013540.D\data.ms

(34) Caprolactam

11.669min (+ 0.011) 26.14 ng/ul

response 268999

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	184.00
56.00	146.40	137.11
0.00	0.00	0.00

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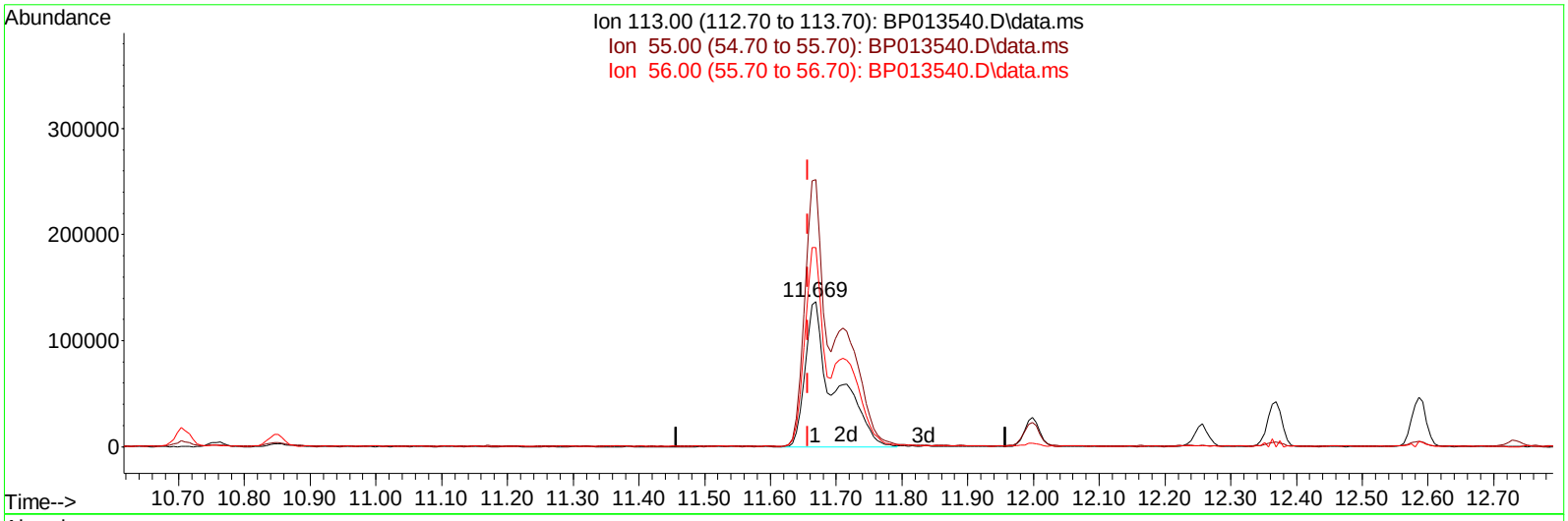

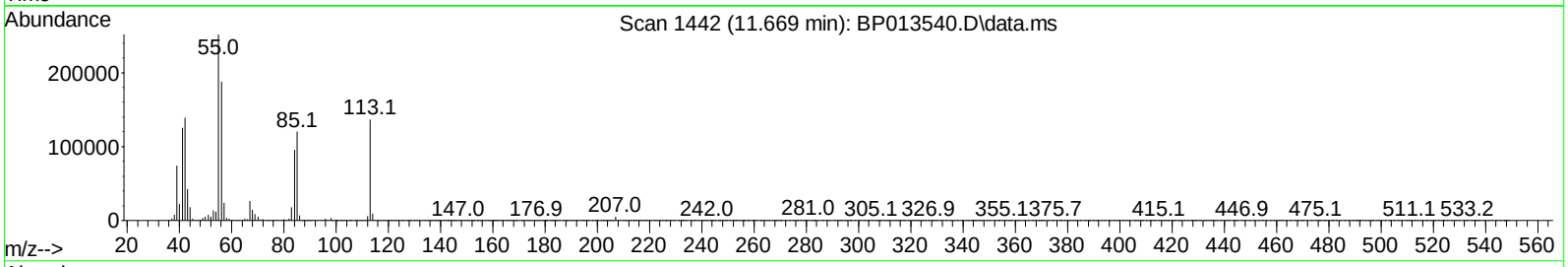

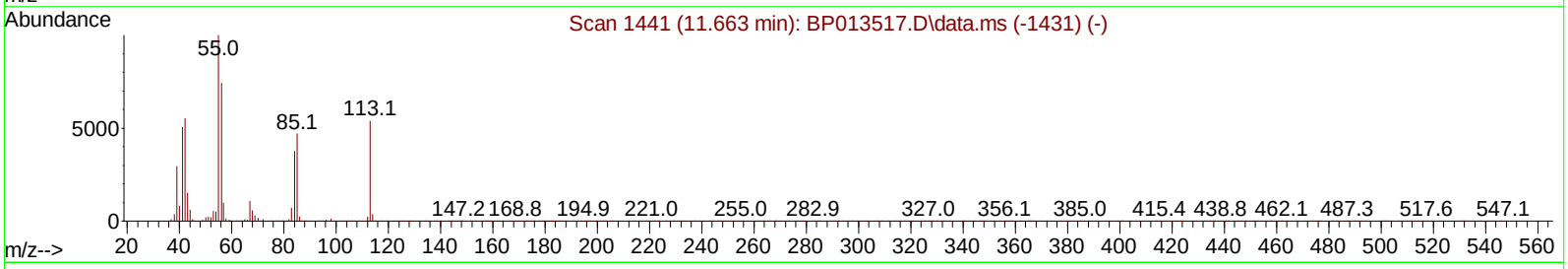

TIC: BP013540.D\data.ms

(34) Caprolactam

11.669min (+ 0.011) 42.01 ng/ul m

response 432321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	184.00
56.00	146.40	137.11
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	7.898	152	500355	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	2225581	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	1449582	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	3062936	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	2130811	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	2595423	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	80312	6.239	ng/uL	0.00
4) Pyridine-d5	3.716	84	1158153	32.257	ng/ul	0.00
7) Phenol-d5	7.063	99	1606399	38.691	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	950655	36.294	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	1255001	40.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	1271659	40.202	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	626797	39.554	ng/ul	0.00
24) 2-Nitrophenol-d4	9.792	143	737728	42.528	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	1359173	39.316	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	1600940	32.872	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	3891039	36.843	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	4440363	37.983	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	710457	36.752	ng/ul	0.00
60) Fluorene-d10	15.539	176	3282988	35.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	737309	37.964	ng/ul	0.00
73) Anthracene-d10	17.404	188	4872606	35.991	ng/ul	0.00
81) Pyrene-d10	19.639	212	5063057	43.672	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	4647656	36.456	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	175030	12.347	ng/uL	96
5) Pyridine	3.734	79	1235760	34.037	ng/ul	99
6) Benzaldehyde	7.034	77	936706	59.152	ng/ul	95
8) Phenol	7.087	94	1702877	39.644	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	1306483	38.465	ng/ul	98
12) 2-Chlorophenol	7.457	128	1320627	40.943	ng/ul	97
13) 2-Methylphenol	8.345	108	1274140	41.305	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	2020998	38.560	ng/ul	98
16) Acetophenone	8.728	105	2039674	40.856	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	1050563	44.015	ng/ul	98
18) 4-Methylphenol	8.675	108	1410425	41.597	ng/ul	100
19) Hexachloroethane	8.975	117	527512	40.589	ng/ul	98
22) Nitrobenzene	9.110	77	1543819	37.324	ng/ul	96
23) Isophorone	9.640	82	3002569	41.479	ng/ul	99
25) 2-Nitrophenol	9.822	139	804574	42.660	ng/ul	96
26) 2,4-Dimethylphenol	9.881	107	1461374	37.141	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	1792845	37.480	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	1358527	39.279	ng/ul	99
30) Naphthalene	10.757	128	4279618	36.147	ng/ul	99
32) 4-Chloroaniline	10.875	127	1688934	34.492	ng/ul	99
33) Hexachlorobutadiene	11.039	225	930669	37.472	ng/ul	98
34) Caprolactam	11.669	113	432321m	42.015	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	1430329	42.849	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	2918275	38.542	ng/ul	98
37) 1-Methylnaphthalene	12.586	142	2948209	37.538	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.733	216	1790654	36.032	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	986237	32.987	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	1188020	40.639	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	1288360	40.498	ng/ul	98
43) 1,1'-Biphenyl	13.375	154	3966474	36.042	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	3187479	35.892	ng/ul	100
45) 2-Nitroaniline	13.633	65	959485	44.646	ng/ul	95
47) Dimethylphthalate	14.004	163	3960507	37.535	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	843416	46.159	ng/ul	93
50) Acenaphthylene	14.269	152	4852756	37.666	ng/ul	100
51) 3-Nitroaniline	14.457	138	792858	40.967	ng/ul	98
52) Acenaphthene	14.610	153	3330445	36.117	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	532782	39.173	ng/ul	95
55) 4-Nitrophenol	14.769	109	560517	38.148	ng/ul	95
56) Dibenzofuran	14.945	168	4690636	35.418	ng/ul	97
57) 2,4-Dinitrotoluene	14.916	165	1201861	44.251	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.175	232	1128092	40.649	ng/ul	99
59) Diethylphthalate	15.363	149	3848846	38.972	ng/ul	99
61) Fluorene	15.598	166	3813092	36.070	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	1997616	36.186	ng/ul	96
63) 4-Nitroaniline	15.627	138	813741	45.477	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.680	198	729208	38.039	ng/ul#	98
67) N-Nitrosodiphenylamine	15.804	169	3239265	39.103	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	1287460	40.580	ng/ul	97
69) Hexachlorobenzene	16.604	284	1483851	38.789	ng/ul	97
70) Atrazine	16.763	200	1224248	38.659	ng/ul	99
71) Pentachlorophenol	16.951	266	898198	39.447	ng/ul	98
72) Phenanthrene	17.345	178	5853851	35.949	ng/ul	99
74) Anthracene	17.439	178	5839139	36.302	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	1803463	38.989	ng/uL	98
76) Pentachlorobenzene	14.863	250	1704587	37.850	ng/uL	99
77) Carbazole	17.710	167	5131431	36.832	ng/ul	99
78) Di-n-butylphthalate	18.251	149	5932611	43.420	ng/ul	99
80) Fluoranthene	19.310	202	6270597	47.257	ng/ul	99
82) Pyrene	19.668	202	6295309	44.776	ng/ul	99
83) Butylbenzylphthalate	20.527	149	2184369	51.201	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.309	252	1836667	46.771	ng/ul	97
85) Benzo(a)anthracene	21.374	228	5440518	38.555	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	3044104	51.224	ng/ul	98
87) Chrysene	21.427	228	5111383	37.163	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	4691753	42.175	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	5813563	35.419	ng/ul	100
91) Benzo(k)fluoranthene	23.145	252	5689982	36.330	ng/ul	99
93) Benzo(a)pyrene	23.733	252	5332850	37.004	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.397	276	7762386	38.872	ng/ul	98
95) Dibenzo(a,h)anthracene	26.415	278	6515421	39.114	ng/ul	99
96) Benzo(g,h,i)perylene	27.186	276	6609073	40.240	ng/ul	99

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

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