Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013071.D
Acq On : 11 Dec 2022 09:29
Operator : CG/JU
Sample : PB149488BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 12 03:34:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 01:32:54 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS488

Manual IntegrationsAPPROVED

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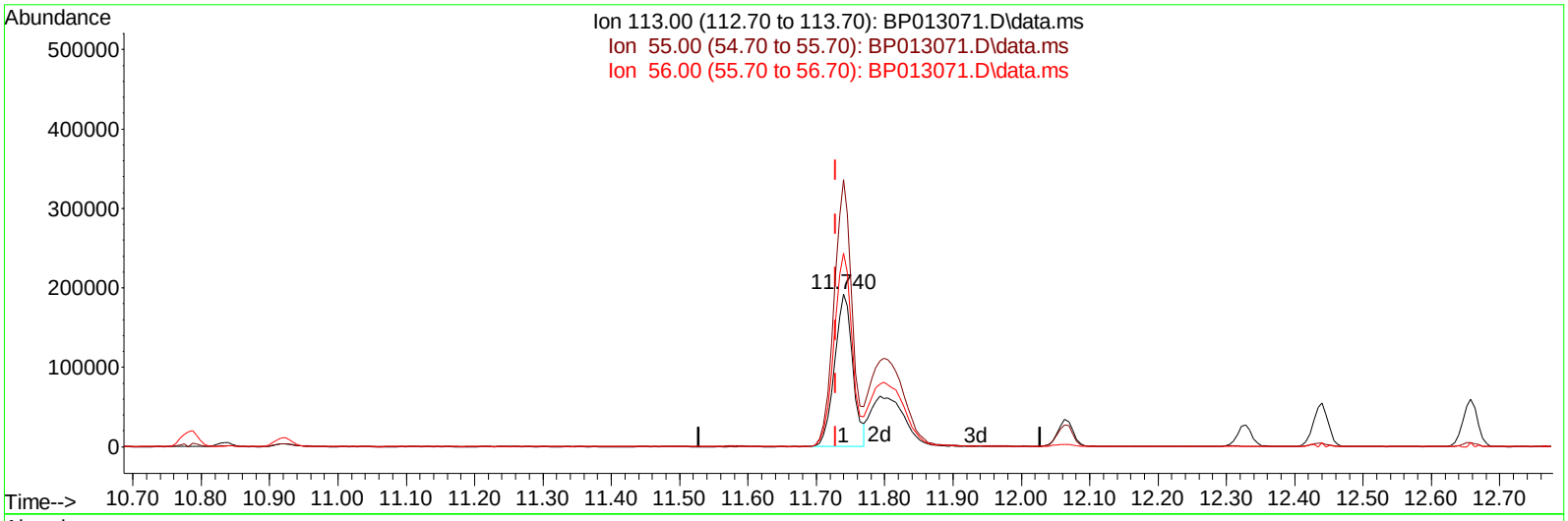
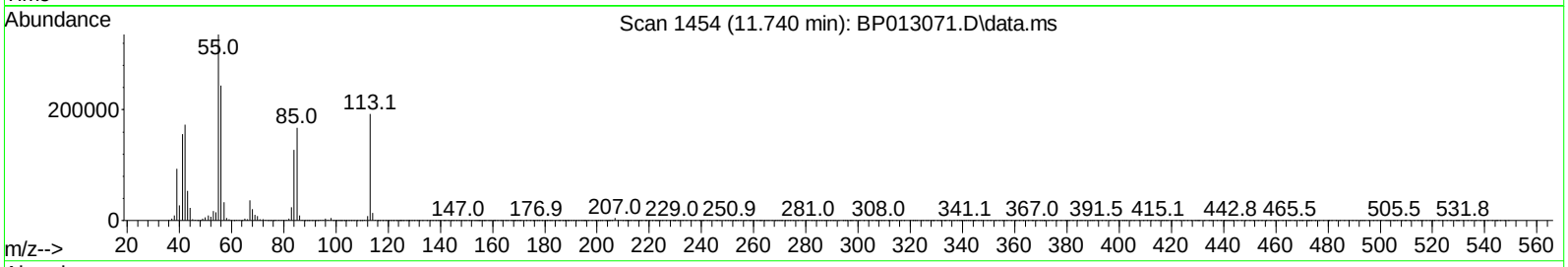
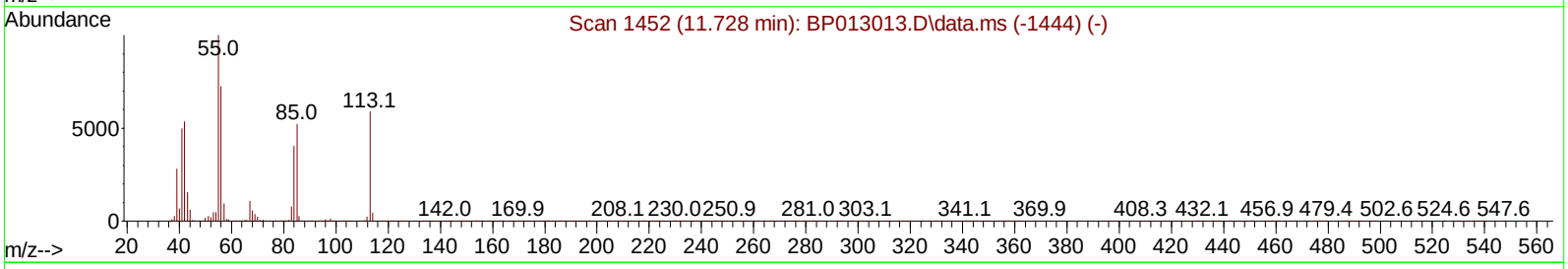
Supervised By :mohammad ahmed 12/12/2022







TIC: BP013071.D\data.ms

(34) Caprolactam

11.740min (+ 0.012) 21.71 ng/ul

response 356493

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	174.51
56.00	124.50	126.62
0.00	0.00	0.00

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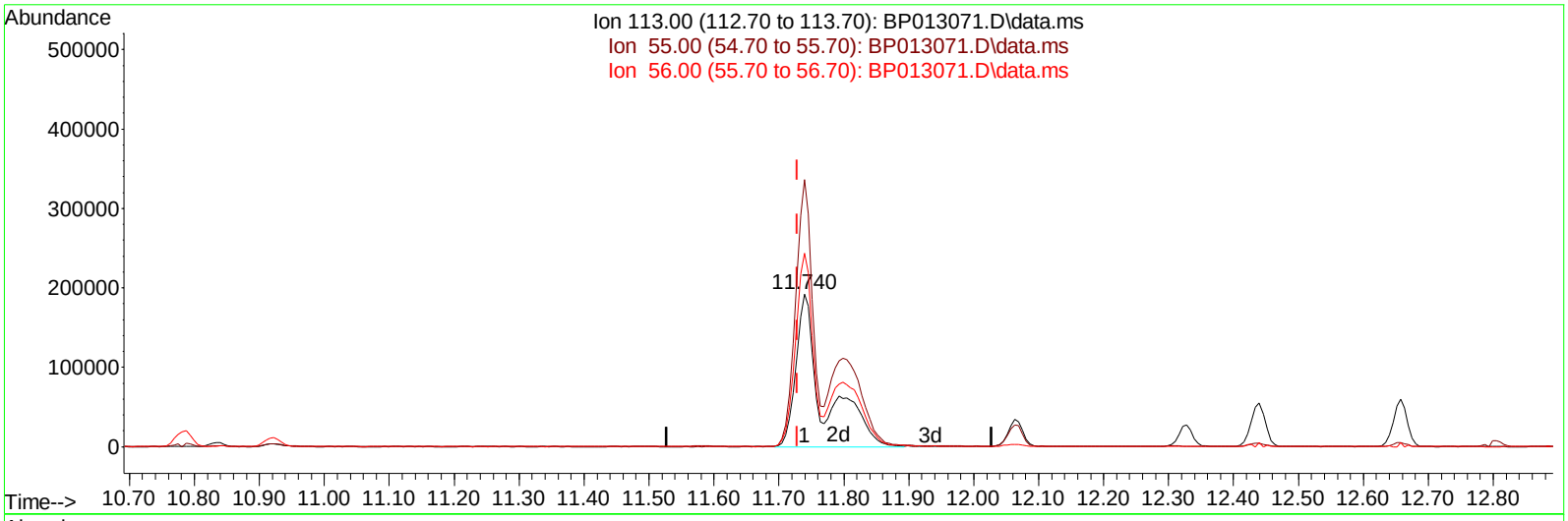

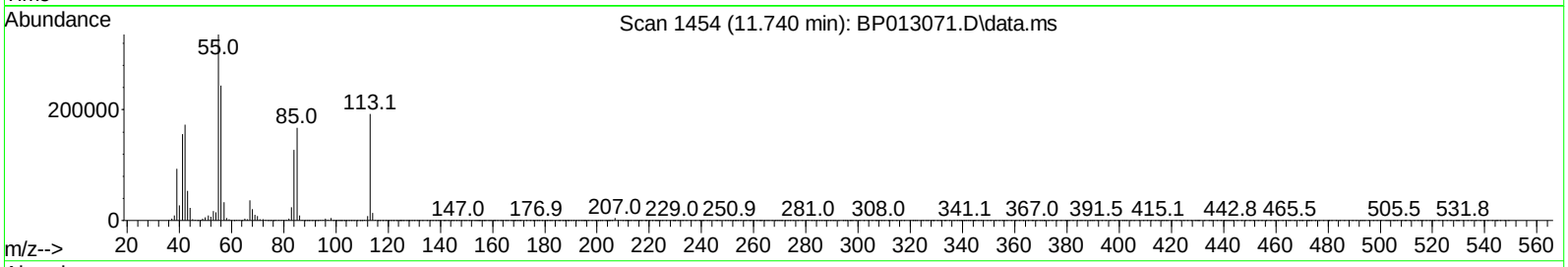

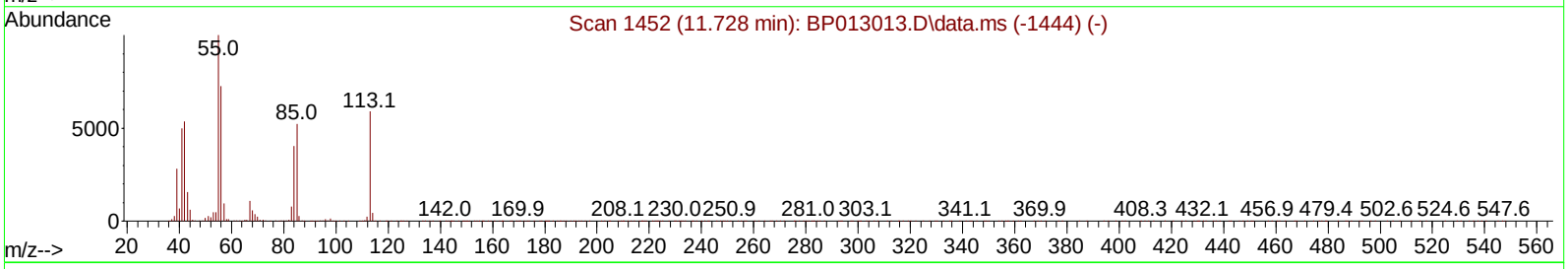

TIC: BP013071.D\data.ms

(34) Caprolactam

11.740min (+ 0.012) 34.96 ng/ul m

response 573921

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	174.51
56.00	124.50	126.62
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	7.969	152	710275	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	3059475	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	2001800	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	4462104	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3782665	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3447652	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	96592	5.815	ng/uL	0.00
4) Pyridine-d5	3.775	84	1407728	29.831	ng/ul	0.00
7) Phenol-d5	7.128	99	2030840	35.103	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1177965	33.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1616145	35.486	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	1629766	34.381	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	813083	36.171	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	947645	37.446	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	1773181	36.073	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	2052669	29.580	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	5170680	33.609	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	5843078	34.564	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	989236	35.746	ng/ul	0.00
60) Fluorene-d10	15.604	176	4416098	33.929	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	1001370	34.873	ng/ul	0.00
73) Anthracene-d10	17.469	188	7006359	34.805	ng/ul	0.00
81) Pyrene-d10	19.698	212	8103133	37.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	6250729	36.374	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	209664	12.090	ng/uL	94
5) Pyridine	3.793	79	1463663	31.208	ng/ul	96
6) Benzaldehyde	7.105	77	994554	43.903	ng/ul	99
8) Phenol	7.152	94	2132212	36.451	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	1645705	34.278	ng/ul	98
12) 2-Chlorophenol	7.528	128	1689455	36.174	ng/ul	98
13) 2-Methylphenol	8.411	108	1636451	35.884	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	2377524	36.088	ng/ul	99
16) Acetophenone	8.799	105	2498795	34.379	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	1254760	34.330	ng/ul	97
18) 4-Methylphenol	8.746	108	1794174	35.520	ng/ul	99
19) Hexachloroethane	9.058	117	642734	34.438	ng/ul	98
22) Nitrobenzene	9.181	77	1894453	35.915	ng/ul	99
23) Isophorone	9.710	82	3714626	34.827	ng/ul	99
25) 2-Nitrophenol	9.893	139	1023574	37.329	ng/ul	98
26) 2,4-Dimethylphenol	9.952	107	1840698	34.405	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.193	93	2284184	33.493	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	1773276	36.828	ng/ul	99
30) Naphthalene	10.834	128	5415133	33.843	ng/ul	99
32) 4-Chloroaniline	10.946	127	1802812	26.253	ng/ul	100
33) Hexachlorobutadiene	11.116	225	1147974	34.723	ng/ul	97
34) Caprolactam	11.740	113	573921m	34.957	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	1835018	37.343	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	3839203	34.975	ng/ul	100
37) 1-Methylnaphthalene	12.657	142	3839521	34.012	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	2288124	35.498	ng/ul	99
40) Hexachlorocyclopentadiene	12.781	237	963913	22.980	ng/ul	98
41) 2,4,6-Trichlorophenol	13.046	196	1499572	36.199	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	1655609	37.207	ng/ul	99
43) 1,1'-Biphenyl	13.446	154	5070965	33.729	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	4083787	34.513	ng/ul	99
45) 2-Nitroaniline	13.693	65	1173551	40.907	ng/ul	100
47) Dimethylphthalate	14.063	163	5232040	34.312	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	1116199	39.389	ng/ul	99
50) Acenaphthylene	14.334	152	6227407	34.264	ng/ul	100
51) 3-Nitroaniline	14.516	138	1128490	42.174	ng/ul	99
52) Acenaphthene	14.675	153	4329365	34.375	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	692692	35.760	ng/ul	98
55) 4-Nitrophenol	14.822	109	709361	37.566	ng/ul	98
56) Dibenzofuran	15.010	168	6124601	34.203	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	1616897	39.281	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	1434113	35.316	ng/ul	98
59) Diethylphthalate	15.428	149	5213231	35.170	ng/ul	99
61) Fluorene	15.657	166	4893050	34.072	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	2621965	34.524	ng/ul	99
63) 4-Nitroaniline	15.687	138	1197434	50.856	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.740	198	1004296	35.790	ng/ul	98
67) N-Nitrosodiphenylamine	15.869	169	4390717	35.493	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	1744580	36.002	ng/ul	99
69) Hexachlorobenzene	16.663	284	2043315	35.513	ng/ul	98
70) Atrazine	16.816	200	962689	19.970	ng/ul	99
71) Pentachlorophenol	17.010	266	1187306	34.074	ng/ul	100
72) Phenanthrene	17.410	178	8206672	35.311	ng/ul	99
74) Anthracene	17.498	178	8204999	35.357	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	2309324	36.275	ng/uL	100
76) Pentachlorobenzene	14.928	250	2261220	34.838	ng/uL	99
77) Carbazole	17.769	167	7456548	38.153	ng/ul	99
78) Di-n-butylphthalate	18.310	149	8969007	37.692	ng/ul	100
80) Fluoranthene	19.369	202	9691075	39.325	ng/ul	100
82) Pyrene	19.722	202	9802426	38.561	ng/ul	99
83) Butylbenzylphthalate	20.586	149	4002329	40.754	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	2909671	34.050	ng/ul	100
85) Benzo(a)anthracene	21.433	228	9267660	36.906	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	5734968	41.399	ng/ul	98
87) Chrysene	21.492	228	8606902	36.244	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	9648599	49.955	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	8467530	38.515	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	8005832	36.724	ng/ul	99
93) Benzo(a)pyrene	23.833	252	7064979	36.907	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.545	276	8066638	33.830	ng/ul	100
95) Dibenzo(a,h)anthracene	26.563	278	7189467	36.417	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	6650411	34.741	ng/ul	100

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

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