Quantitation Report (Qedit)

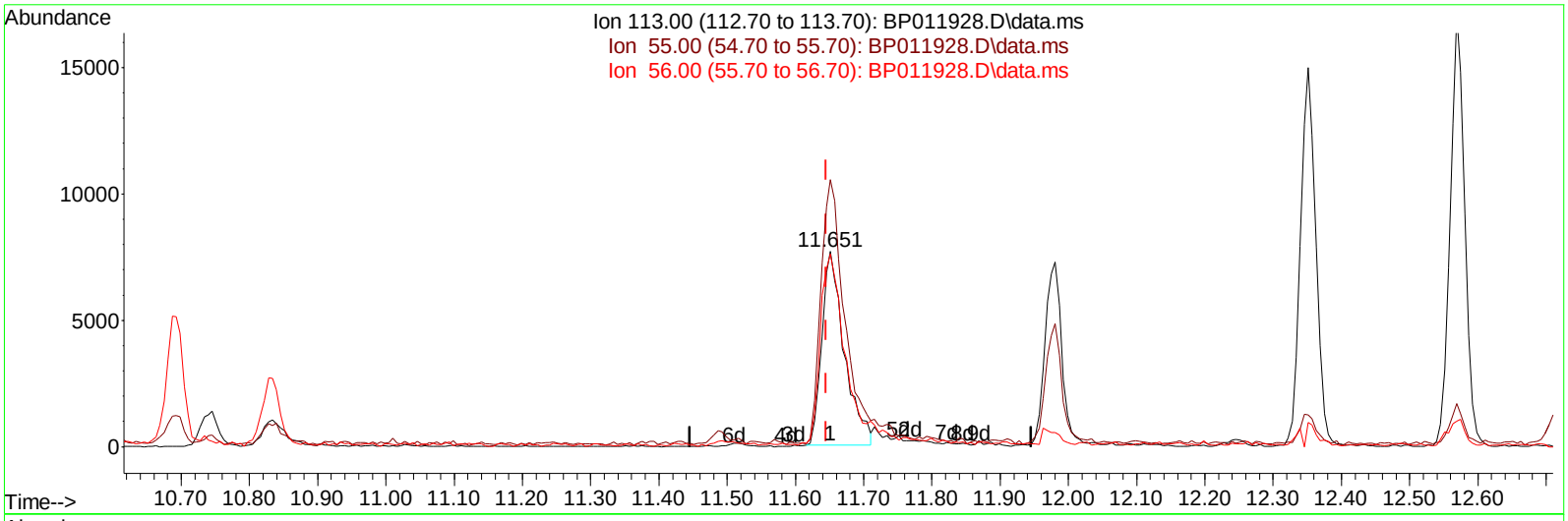
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011928.D
Acq On : 05 Oct 2022 13:56
Operator : CG/JU
Sample : N4890-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

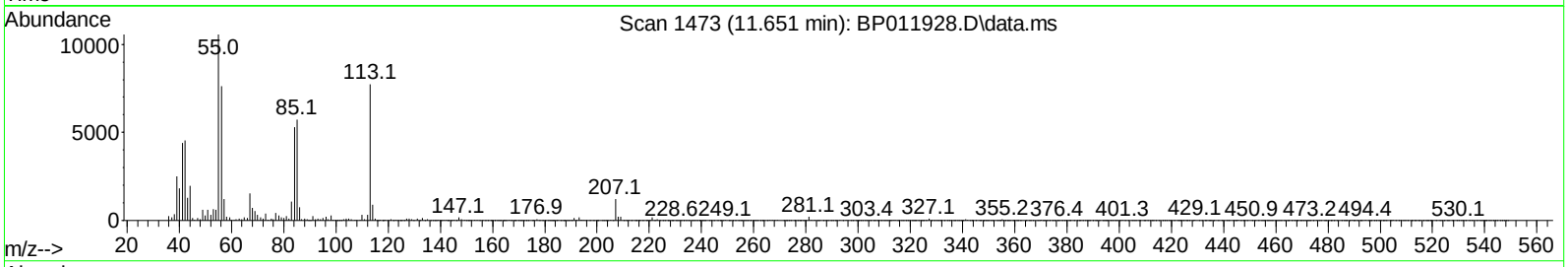
Quant Time: Oct 05 23:21:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 05 23:18:55 2022
Response via : Initial Calibration

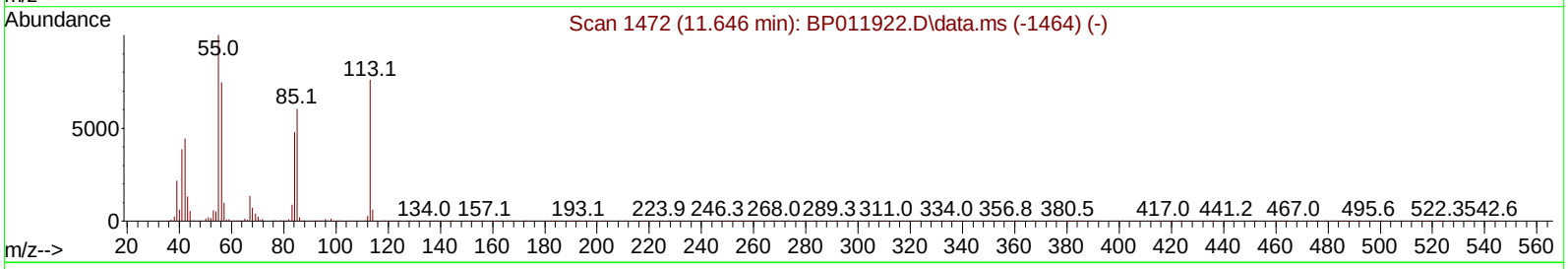
Instrument :
BNA_P
ClientSampleId :
EY0E1MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/06/2022
Supervised By :mohammad ahmed 10/10/2022







TIC: BP011928.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 3.15 ng/ul

response 17344

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.50	136.44
56.00	98.40	98.62
0.00	0.00	0.00

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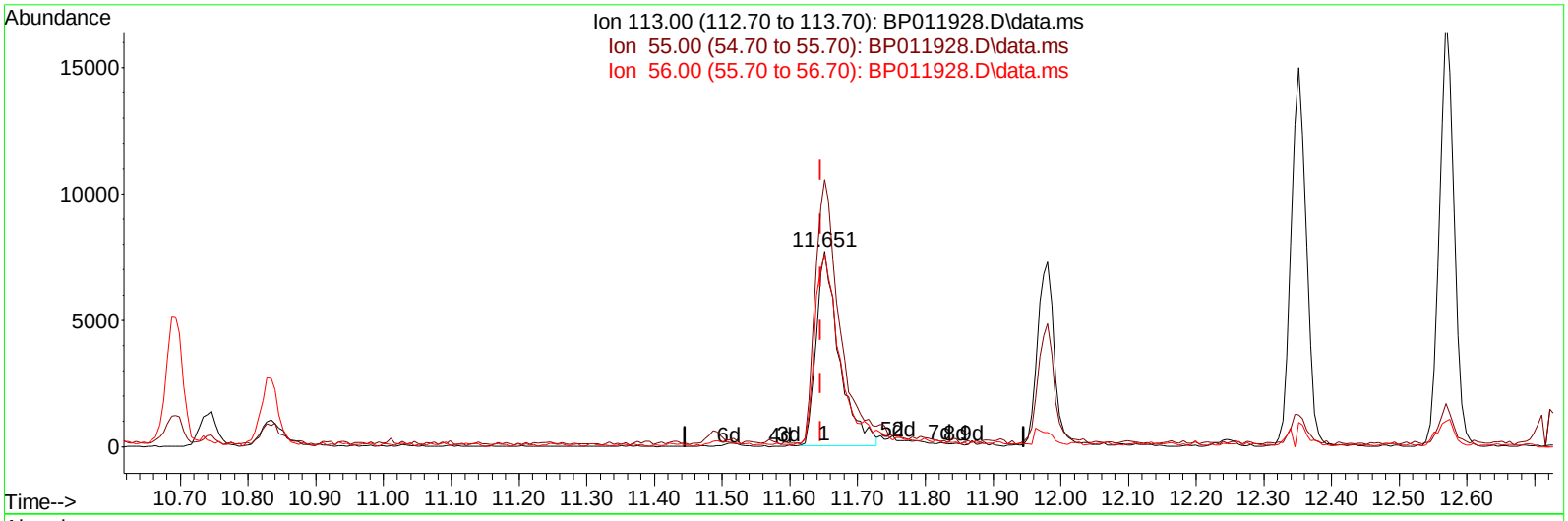

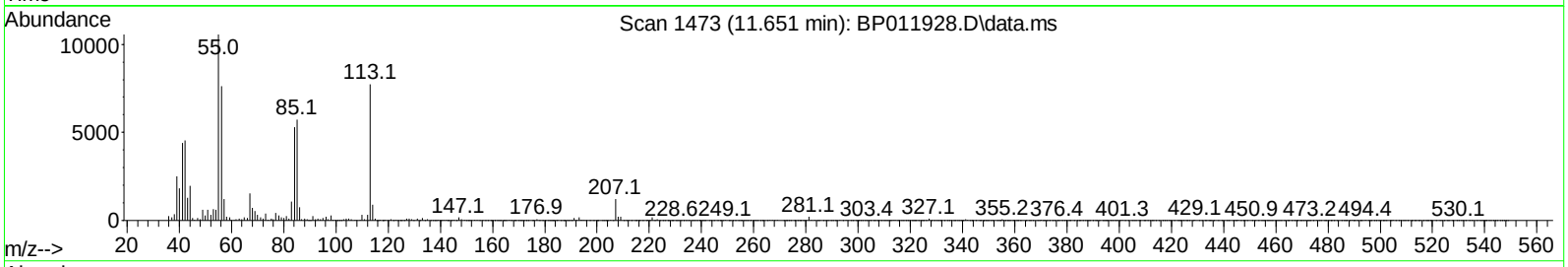

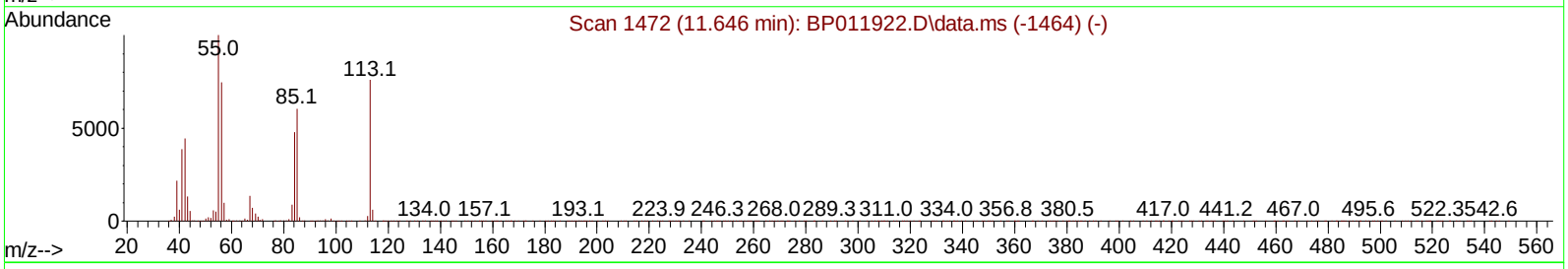

TIC: BP011928.D\data.ms

(34) Caprolactam

11.651min (+ 0.006) 3.28 ng/ul m

response 18065

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.50	136.44
56.00	98.40	98.62
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	7.881	152	247519	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	995173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	577878	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1201641	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1285110	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	1302407	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	24479	4.362	ng/uL	0.00
4) Pyridine-d5	3.722	84	166688	10.140	ng/ul	0.00
7) Phenol-d5	7.046	99	145232	6.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	373346	31.521	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	415820	24.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	254074	14.384	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	264698	34.920	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	263024	32.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	470253	31.349	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	616542	26.960	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	1621912	39.248	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1830317	38.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	71277	8.329	ng/ul	0.00
60) Fluorene-d10	15.522	176	1439144	40.101	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	267391	36.764	ng/ul	0.00
73) Anthracene-d10	17.386	188	2281070	41.673	ng/ul	0.00
81) Pyrene-d10	19.622	212	2774343	42.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	2861042	43.883	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	31074	5.126	ng/uL	92
5) Pyridine	3.746	79	166626	10.443	ng/ul	97
6) Benzaldehyde	7.022	77	370623	39.594	ng/ul	99
8) Phenol	7.075	94	149469	6.744	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.305	93	489643	27.765	ng/ul	99
12) 2-Chlorophenol	7.446	128	408708	22.664	ng/ul	99
13) 2-Methylphenol	8.328	108	277570	15.896	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	475066	27.325	ng/ul	99
16) Acetophenone	8.710	105	717034	26.624	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.693	70	323669	25.535	ng/ul	99
18) 4-Methylphenol	8.657	108	262391	13.638	ng/ul	99
19) Hexachloroethane	8.963	117	197815	29.411	ng/ul	98
22) Nitrobenzene	9.093	77	511457	31.373	ng/ul	99
23) Isophorone	9.622	82	953143	28.821	ng/ul	99
25) 2-Nitrophenol	9.804	139	265309	28.643	ng/ul	98
26) 2,4-Dimethylphenol	9.863	107	342399	19.678	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.104	93	627236	29.398	ng/ul	99
29) 2,4-Dichlorophenol	10.340	162	434571	27.959	ng/ul	99
30) Naphthalene	10.740	128	1650981	30.887	ng/ul	99
32) 4-Chloroaniline	10.857	127	561045	23.981	ng/ul	99
33) Hexachlorobutadiene	11.022	225	288003	31.305	ng/ul	97
34) Caprolactam	11.651	113	18065m	3.284	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	413227	25.074	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.351	142	1109078	29.711	ng/ul	100
37) 1-Methylnaphthalene	12.569	142	1132302	30.230	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	578558	34.523	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	227882	23.803	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	378159	33.710	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	412633	33.767	ng/ul	97
43) 1,1'-Biphenyl	13.363	154	1460480	34.169	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	1162287	34.394	ng/ul	100
45) 2-Nitroaniline	13.616	65	293846	35.622	ng/ul	95
47) Dimethylphthalate	13.987	163	1507048	34.798	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	308512	36.553	ng/ul	99
50) Acenaphthylene	14.251	152	1815532	34.700	ng/ul	99
51) 3-Nitroaniline	14.439	138	314900	32.189	ng/ul	97
52) Acenaphthene	14.592	153	1297074	35.138	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	162270	28.358	ng/ul	97
55) 4-Nitrophenol	14.745	109	44677	7.734	ng/ul	98
56) Dibenzofuran	14.928	168	1796089	35.524	ng/ul	97
57) 2,4-Dinitrotoluene	14.898	165	446847	36.220	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	360027	33.915	ng/ul	98
59) Diethylphthalate	15.351	149	1500019	34.573	ng/ul	99
61) Fluorene	15.581	166	1502879	36.292	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	721591	35.199	ng/ul	99
63) 4-Nitroaniline	15.604	138	352595	37.770	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.657	198	252942	32.828	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	1146924	32.356	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	446673	36.544	ng/ul	98
69) Hexachlorobenzene	16.586	284	517688	37.220	ng/ul	99
70) Atrazine	16.745	200	428645	33.514	ng/ul	99
71) Pentachlorophenol	16.933	266	290916	31.801	ng/ul	98
72) Phenanthrene	17.328	178	2501079	37.874	ng/ul	100
74) Anthracene	17.422	178	2496243	37.569	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	618917	37.316	ng/uL	99
76) Pentachlorobenzene	14.845	250	580113	32.732	ng/uL	99
77) Carbazole	17.692	167	2354105	39.213	ng/ul	99
78) Di-n-butylphthalate	18.239	149	2665917	36.262	ng/ul	100
80) Fluoranthene	19.292	202	2989603	37.534	ng/ul	99
82) Pyrene	19.651	202	3163115	38.142	ng/ul	97
83) Butylbenzylphthalate	20.521	149	1261273	35.190	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.292	252	788928	26.667	ng/ul	100
85) Benzo(a)anthracene	21.357	228	3214189	38.246	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1866245	34.567	ng/ul#	97
87) Chrysene	21.410	228	3009390	38.157	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	3168056	38.126	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	3372635	40.571	ng/ul	99
91) Benzo(k)fluoranthene	23.110	252	3194262	39.903	ng/ul	99
93) Benzo(a)pyrene	23.698	252	2900621	39.100	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.345	276	3586919	37.987	ng/ul	99
95) Dibenzo(a,h)anthracene	26.356	278	3247101	38.710	ng/ul	98
96) Benzo(g,h,i)perylene	27.121	276	3172114	37.893	ng/ul	99

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

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