Quantitation Report (Qedit)

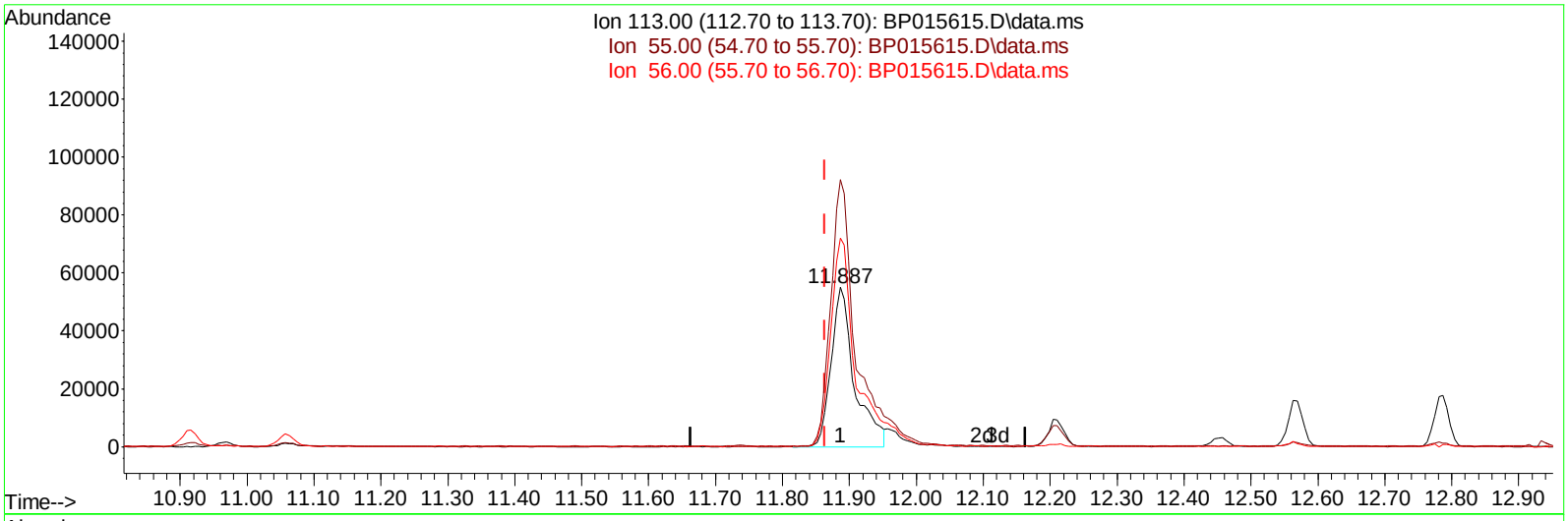
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015615.D
Acq On : 19 Jun 2023 21:44
Operator : MA/JU
Sample : PB153339BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

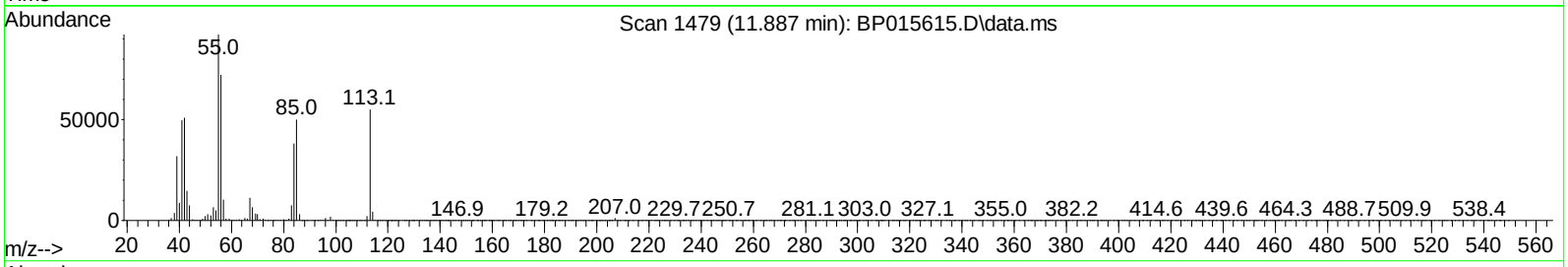
Quant Time: Jun 19 22:29:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

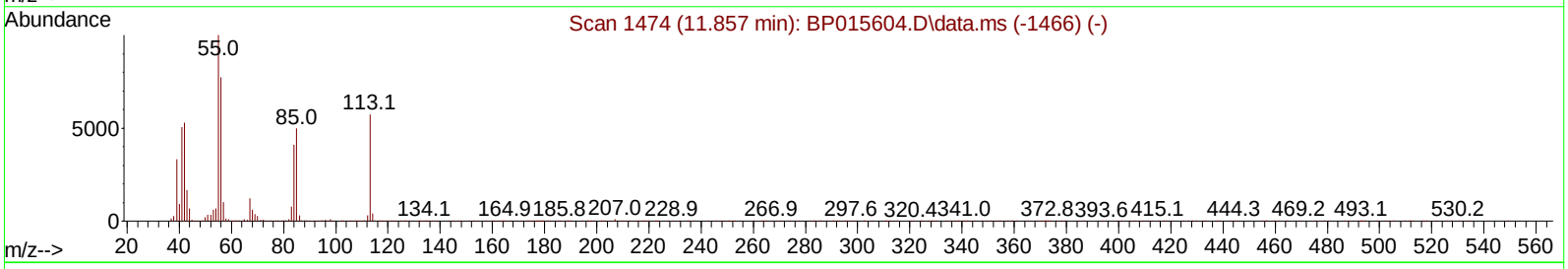
Instrument :
BNA_P
ClientSampleId :
SLCS339

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023







TIC: BP015615.D\data.ms

(34) Caprolactam

11.887min (+ 0.023) 31.35 ng/ul

response 133469

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	167.59
56.00	126.40	131.02
0.00	0.00	0.00

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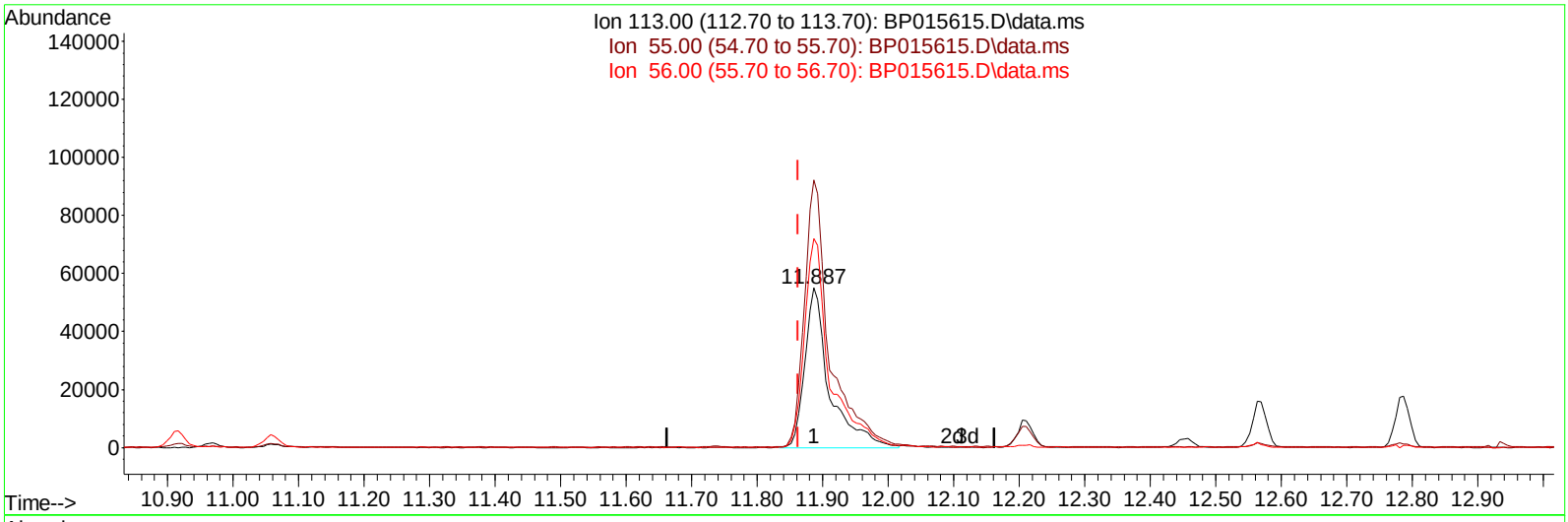

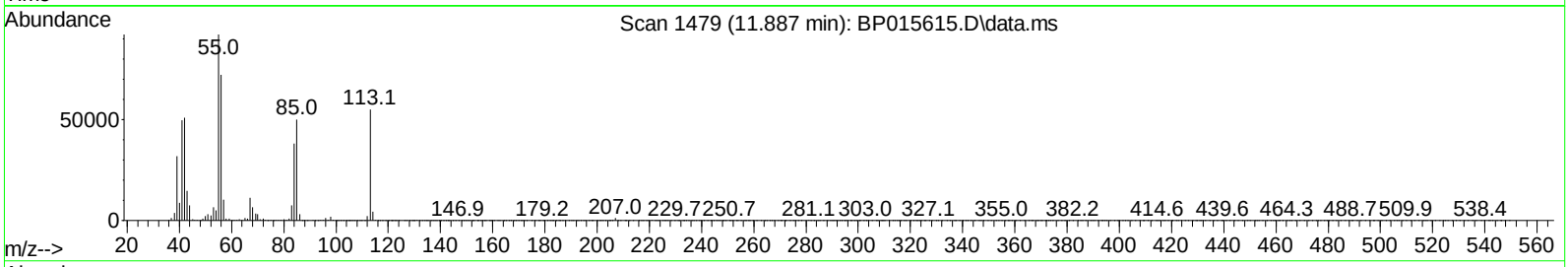

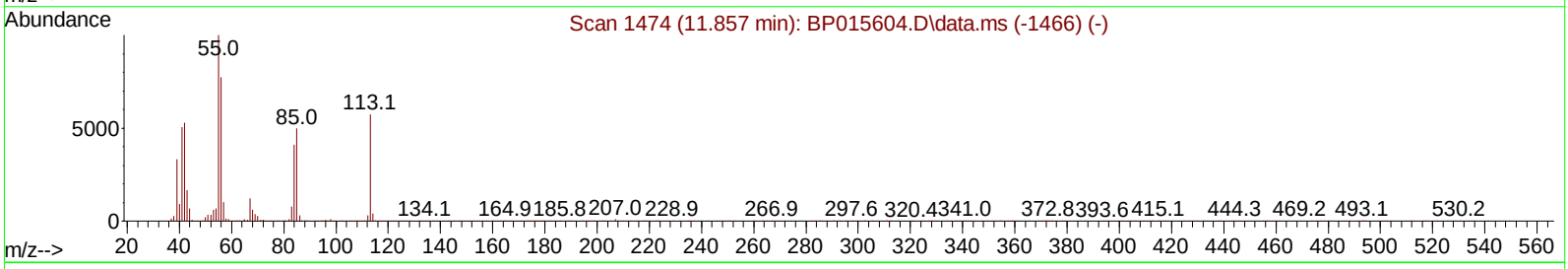

TIC: BP015615.D\data.ms

(34) Caprolactam

11.887min (+ 0.023) 33.87 ng/ul m

response 144174

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	167.59
56.00	126.40	131.02
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	8.087	152	160126	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	695415	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	445773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	1023671	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	873745	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	904836	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	23809	5.506	ng/uL	0.00
4) Pyridine-d5	3.846	84	344349	30.657	ng/ul	0.00
7) Phenol-d5	7.252	99	522146	35.395	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.410	67	307958	34.955	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	408153	38.161	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	426537	35.230	ng/ul	0.02
21) Nitrobenzene-d5	9.269	128	210244	38.508	ng/ul	0.00
24) 2-Nitrophenol-d4	9.998	143	241451	38.726	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	425142	37.380	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	545523	33.416	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1285005	36.556	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1470075	38.246	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	232576	36.947	ng/ul	0.02
60) Fluorene-d10	15.728	176	1101948	37.175	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	183287	28.263	ng/ul	0.01
73) Anthracene-d10	17.592	188	1750579	37.586	ng/ul	0.00
81) Pyrene-d10	19.816	212	2071241	44.291	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1774771	39.091	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	51149	11.198	ng/uL#	88
5) Pyridine	3.869	79	351094	30.151	ng/ul	98
6) Benzaldehyde	7.222	77	256467	45.484	ng/ul	96
8) Phenol	7.281	94	537761	35.335	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.505	93	401735	33.386	ng/ul	99
12) 2-Chlorophenol	7.652	128	413344	36.578	ng/ul	99
13) 2-Methylphenol	8.546	108	404391	34.535	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.622	45	530930	33.296	ng/ul	97
16) Acetophenone	8.928	105	659431	34.129	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.910	70	343516	32.941	ng/ul	98
18) 4-Methylphenol	8.881	108	437824	33.983	ng/ul	99
19) Hexachloroethane	9.175	117	172969	36.222	ng/ul	98
22) Nitrobenzene	9.310	77	537008	37.089	ng/ul	98
23) Isophorone	9.840	82	989229	34.130	ng/ul	99
25) 2-Nitrophenol	10.028	139	246991	36.690	ng/ul	99
26) 2,4-Dimethylphenol	10.087	107	450835	31.580	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.316	93	554320	32.896	ng/ul	100
29) 2,4-Dichlorophenol	10.569	162	415935	36.781	ng/ul	98
30) Naphthalene	10.969	128	1349995	35.825	ng/ul	100
32) 4-Chloroaniline	11.087	127	491298	29.084	ng/ul	99
33) Hexachlorobutadiene	11.240	225	285815	37.477	ng/ul	98
34) Caprolactam	11.887	113	144174m	33.868	ng/ul	
35) 4-Chloro-3-methylphenol	12.210	107	491740	35.890	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.569	142	905824	34.193	ng/ul	100
37) 1-Methylnaphthalene	12.787	142	906456	33.984	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.934	216	521501	37.569	ng/ul	100
40) Hexachlorocyclopentadiene	12.898	237	99710	17.524	ng/ul	99
41) 2,4,6-Trichlorophenol	13.175	196	331856	35.920	ng/ul	98
42) 2,4,5-Trichlorophenol	13.257	196	372789	37.029	ng/ul	97
43) 1,1'-Biphenyl	13.569	154	1225663	35.554	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	987418	36.507	ng/ul	99
45) 2-Nitroaniline	13.828	65	344895	39.843	ng/ul	98
47) Dimethylphthalate	14.187	163	1264153	34.831	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	280982	37.788	ng/ul	99
50) Acenaphthylene	14.457	152	1535019	36.062	ng/ul	100
51) 3-Nitroaniline	14.651	138	288946	47.072	ng/ul	96
52) Acenaphthene	14.798	153	1063758	36.154	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	109172	24.407	ng/ul	97
55) 4-Nitrophenol	14.969	109	228906	37.699	ng/ul	91
56) Dibenzofuran	15.134	168	1478406	35.451	ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	408023	37.308	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.363	232	305917	33.654	ng/ul	99
59) Diethylphthalate	15.545	149	1321761	35.534	ng/ul	100
61) Fluorene	15.786	166	1223274	35.983	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	609332	35.564	ng/ul	98
63) 4-Nitroaniline	15.816	138	308348	52.958	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.881	198	175985	26.608	ng/ul	95
67) N-Nitrosodiphenylamine	15.986	169	1052851	36.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	406249	37.095	ng/ul	98
69) Hexachlorobenzene	16.792	284	483375	37.418	ng/ul	96
70) Atrazine	16.939	200	106827	9.212	ng/ul	98
71) Pentachlorophenol	17.139	266	255028	34.928	ng/ul	99
72) Phenanthrene	17.533	178	2046920	37.261	ng/ul	100
74) Anthracene	17.628	178	2009442	36.051	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	531848	37.645	ng/uL	99
76) Pentachlorobenzene	15.051	250	531727	35.947	ng/uL	96
77) Carbazole	17.898	167	1882508	37.509	ng/ul	99
78) Di-n-butylphthalate	18.422	149	2382934	37.422	ng/ul	100
80) Fluoranthene	19.486	202	2423743	42.549	ng/ul	98
82) Pyrene	19.845	202	2486747	42.196	ng/ul	96
83) Butylbenzylphthalate	20.692	149	1145609	43.981	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	708585	34.327	ng/ul	99
85) Benzo(a)anthracene	21.557	228	2283700	37.388	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1656591	43.028	ng/ul	99
87) Chrysene	21.610	228	2103529	36.434	ng/ul	98
89) Di-n-octyl phthalate	22.415	149	2913994	49.001	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2151032	36.828	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2109135	37.356	ng/ul	98
93) Benzo(a)pyrene	24.015	252	1871503	36.752	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	2439632	37.019	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	2029889	37.807	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	1980380	36.464	ng/ul	98

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

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