Quantitation Report (Qedit)

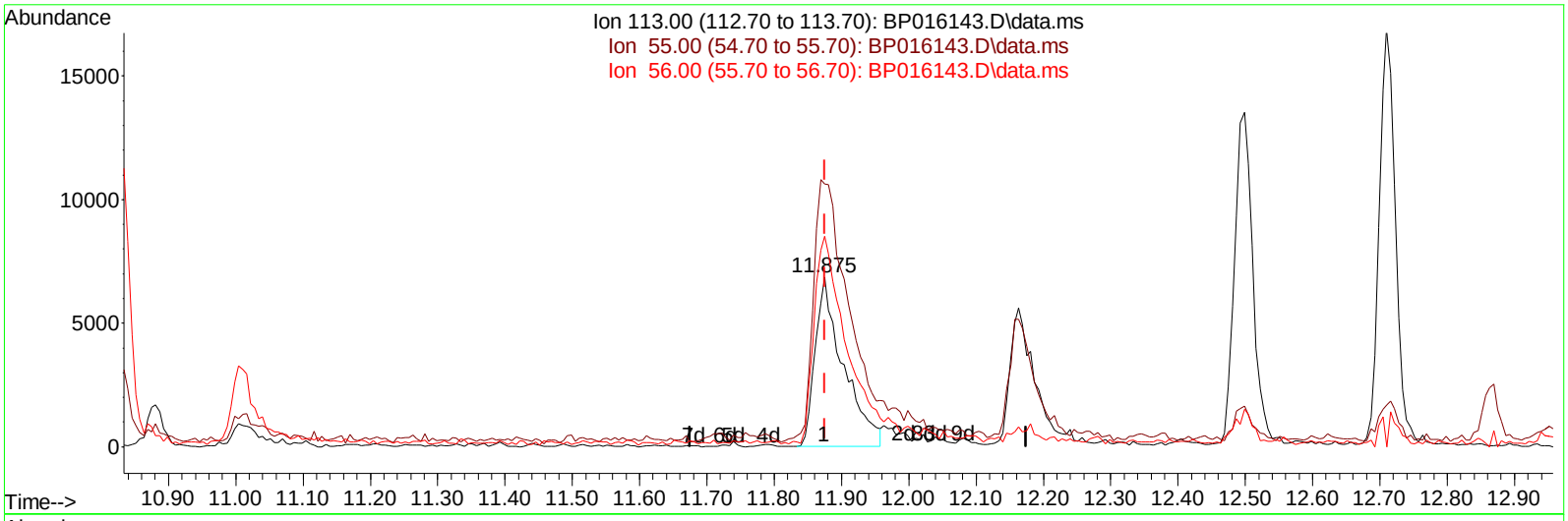
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016143.D
Acq On : 09 Jul 2023 21:19
Operator : MA/JU
Sample : 03384-02MS
Misc :
ALS Vial : 68 Sample Multiplier: 1

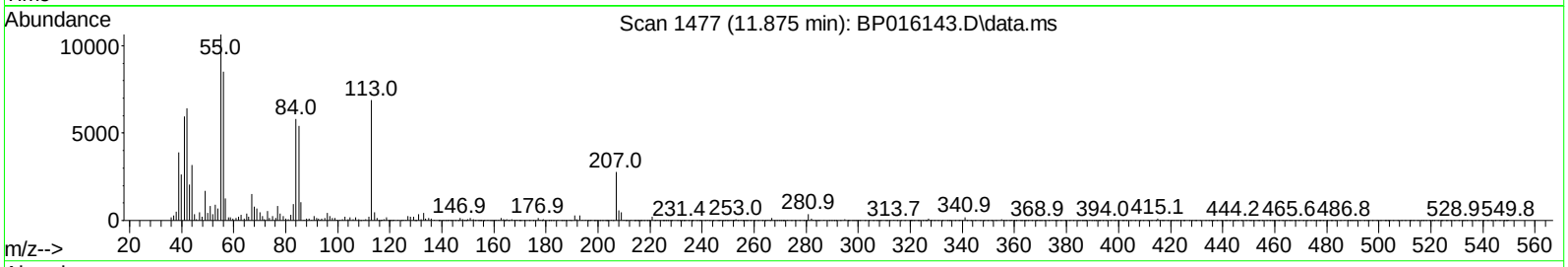
Quant Time: Jul 09 22:46:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

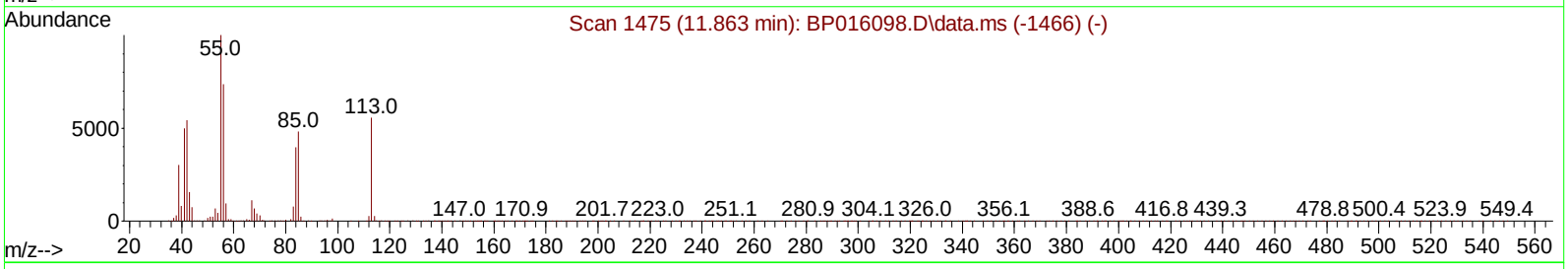
Instrument :
BNA_P
ClientSampleId :
YBW82MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023







TIC: BP016143.D\data.ms

(34) Caprolactam

11.875min (-0.000) 2.42 ng/ul

response 19870

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	154.80
56.00	146.10	123.80
0.00	0.00	0.00

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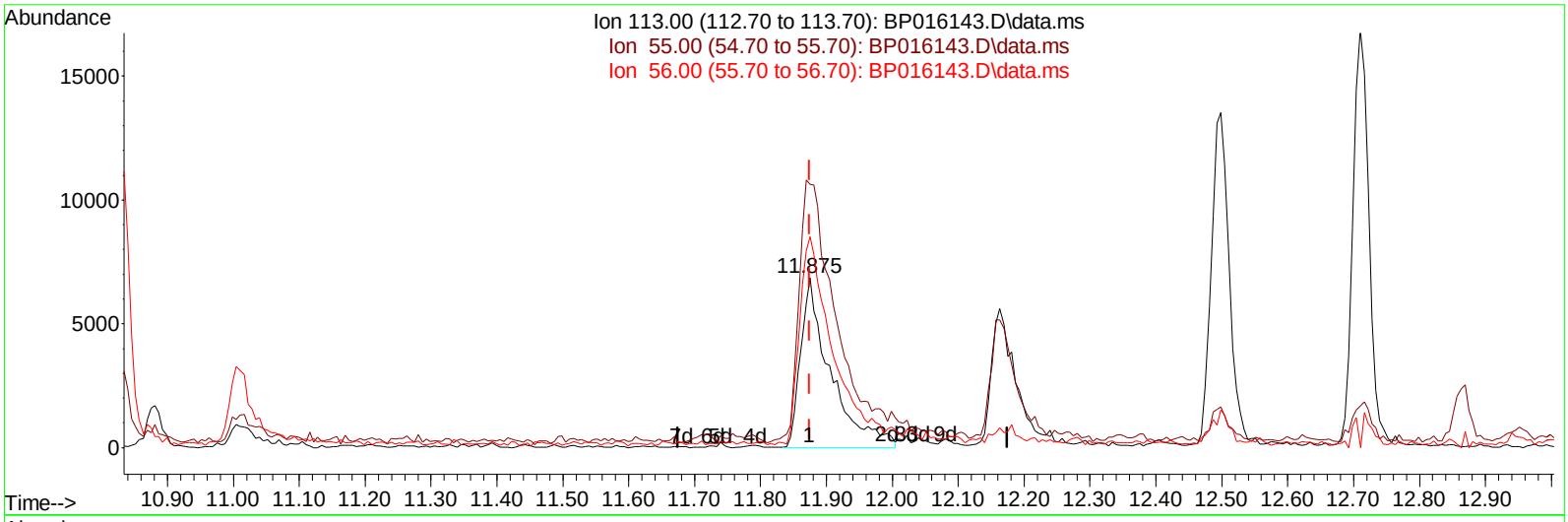

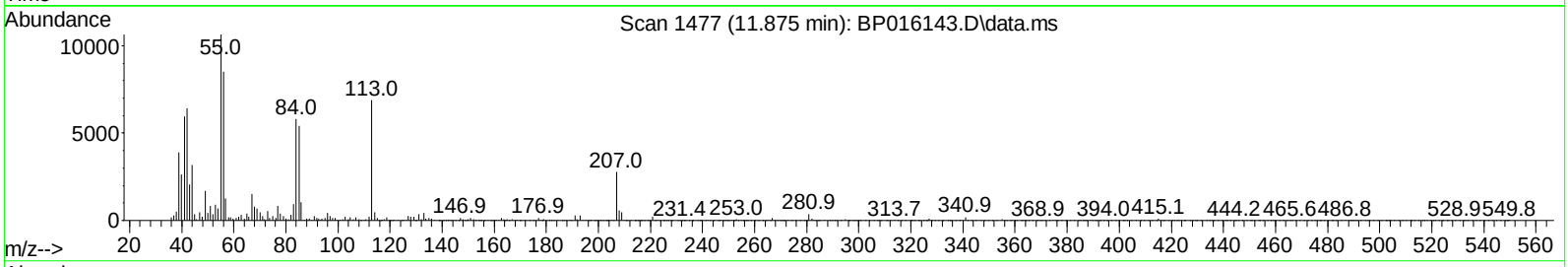

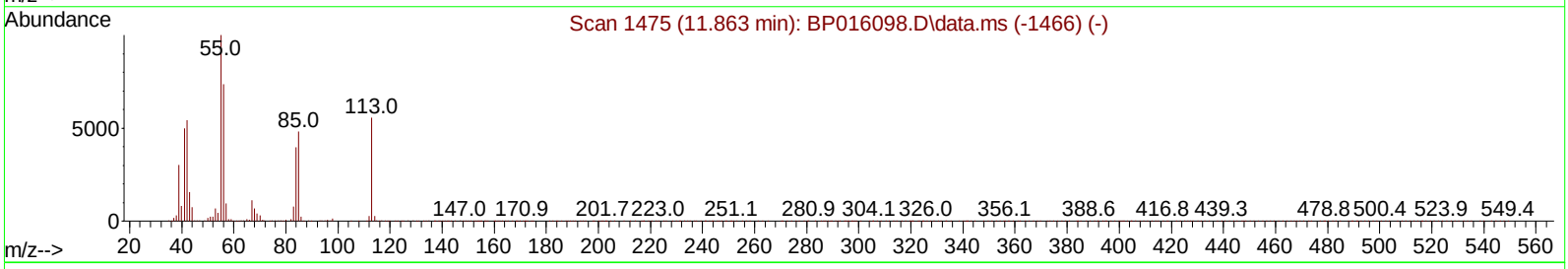

TIC: BP016143.D\data.ms

(34) Caprolactam

11.875min (-0.000) 2.63 ng/ul m

response 21637

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	154.80
56.00	146.10	123.80
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	8.010	152	386246	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.828	136	1699056	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.657	164	1038297	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.428	188	2240370	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.521	240	1860672	20.000	ng/ul	#-0.02
88) Perylene-d12	24.068	264	1805800	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	13234	1.233	ng/uL	0.00
4) Pyridine-d5	3.805	84	159405	5.890	ng/ul	0.00
7) Phenol-d5	7.222	99	104276	3.155	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	404348	19.776	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.552	132	343958	13.788	ng/ul	-0.01
15) 4-Methylphenol-d8	8.757	113	217152	8.318	ng/ul	-0.01
21) Nitrobenzene-d5	9.204	128	228388	17.589	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.928	143	217814	14.373	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.493	165	395060	14.629	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	558411	16.096	ng/ul	-0.01
46) Dimethylphthalate-d6	14.069	166	1636091	20.387	ng/ul	-0.02
49) Acenaphthylene-d8	14.357	160	1720738	19.074	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.981	143	75926	7.169	ng/ul	0.02
60) Fluorene-d10	15.657	176	1318149	19.948	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.863	200	61369	4.454	ng/ul	0.01
73) Anthracene-d10	17.528	188	2099483	20.516	ng/ul	-0.02
81) Pyrene-d10	19.763	212	2418781	19.908	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.886	264	1942667	21.326	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	30774	2.664	ng/uL	97
5) Pyridine	3.822	79	166268	5.873	ng/ul	99
6) Benzaldehyde	7.169	77	350713	26.249	ng/ul	99
8) Phenol	7.252	94	120878	3.525	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.434	93	498556	18.272	ng/ul	97
12) 2-Chlorophenol	7.587	128	339983	12.828	ng/ul	97
13) 2-Methylphenol	8.481	108	273238	10.553	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	755897	20.283	ng/ul	98
16) Acetophenone	8.857	105	763448	17.789	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.828	70	423644	17.773	ng/ul	99
18) 4-Methylphenol	8.834	108	248454	8.931	ng/ul	97
19) Hexachloroethane	9.075	117	134958	11.025	ng/ul	88
22) Nitrobenzene	9.246	77	611843	16.779	ng/ul	99
23) Isophorone	9.763	82	1217518	17.448	ng/ul	98
25) 2-Nitrophenol	9.963	139	225649	14.030	ng/ul	94
26) 2,4-Dimethylphenol	10.028	107	450651	12.746	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.246	93	713577	18.115	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	406697	15.148	ng/ul	99
30) Naphthalene	10.881	128	1380034	14.941	ng/ul	99
32) 4-Chloroaniline	11.034	127	473343	13.133	ng/ul	98
33) Hexachlorobutadiene	11.140	225	207423	10.230	ng/ul	100
34) Caprolactam	11.875	113	21637m	2.635	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	460838	14.663	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.498	142	982432	16.158 ng/ul	97
37) 1-Methylnaphthalene	12.710	142	1020744	16.456 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	533858	15.603 ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	73059	7.137 ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	354799	16.408 ng/ul	98
42) 2,4,5-Trichlorophenol	13.216	196	384594	16.768 ng/ul	96
43) 1,1'-Biphenyl	13.492	154	1420734	17.276 ng/ul#	97
44) 2-Chloronaphthalene	13.545	162	1107178	17.090 ng/ul	98
45) 2-Nitroaniline	13.787	65	410844	20.154 ng/ul	98
47) Dimethylphthalate	14.122	163	1566799	18.865 ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	327355	19.431 ng/ul	98
50) Acenaphthylene	14.387	152	1804492	18.153 ng/ul	99
51) 3-Nitroaniline	14.634	138	273559	20.706 ng/ul	95
52) Acenaphthene	14.722	153	1278700	18.551 ng/ul	97
53) 2,4-Dinitrophenol	14.922	184	16756	1.875 ng/ul	92
55) 4-Nitrophenol	14.981	109	28207	2.570 ng/ul#	1
56) Dibenzofuran	15.069	168	1795815	18.767 ng/ul	97
57) 2,4-Dinitrotoluene	15.092	165	446365	19.443 ng/ul	84
58) 2,3,4,6-Tetrachlorophenol	15.316	232	310744	15.774 ng/ul	99
59) Diethylphthalate	15.475	149	1674772	19.927 ng/ul	99
61) Fluorene	15.716	166	1484617	19.128 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	723482	18.217 ng/ul	96
63) 4-Nitroaniline	15.810	138	234764	25.964 ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.886	198	54239	3.891 ng/ul#	67
67) N-Nitrosodiphenylamine	15.928	169	1249234	18.626 ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	460738	18.009 ng/ul	91
69) Hexachlorobenzene	16.728	284	537800	17.816 ng/ul	96
70) Atrazine	16.886	200	242865	9.460 ng/ul	97
71) Pentachlorophenol	17.104	266	168338	11.619 ng/ul	97
72) Phenanthrene	17.469	178	2389367	19.632 ng/ul	100
74) Anthracene	17.569	178	2393019	19.567 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	553520	15.184 ng/uL	98
76) Pentachlorobenzene	14.987	250	611726	16.626 ng/uL	100
77) Carbazole	17.857	167	2157394	20.930 ng/ul	99
78) Di-n-butylphthalate	18.357	149	3001557	21.965 ng/ul	99
80) Fluoranthene	19.439	202	2800793	18.549 ng/ul#	94
82) Pyrene	19.792	202	2872946	18.652 ng/ul#	90
83) Butylbenzylphthalate	20.633	149	1347969	21.451 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	782682	18.608 ng/ul	99
85) Benzo(a)anthracene	21.504	228	2510657	19.182 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	1939228	22.455 ng/ul#	99
87) Chrysene	21.563	228	2552542	20.555 ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3104306	23.523 ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2357519	20.318 ng/ul#	98
91) Benzo(k)fluoranthene	23.321	252	2359053	20.123 ng/ul#	97
93) Benzo(a)pyrene	23.945	252	2012447	19.849 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.745	276	2322478	16.874 ng/ul#	94
95) Dibenzo(a,h)anthracene	26.739	278	1905084	16.852 ng/ul#	94
96) Benzo(g,h,i)perylene	27.592	276	1849199	16.332 ng/ul#	95

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

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