Quantitation Report (Qedit)

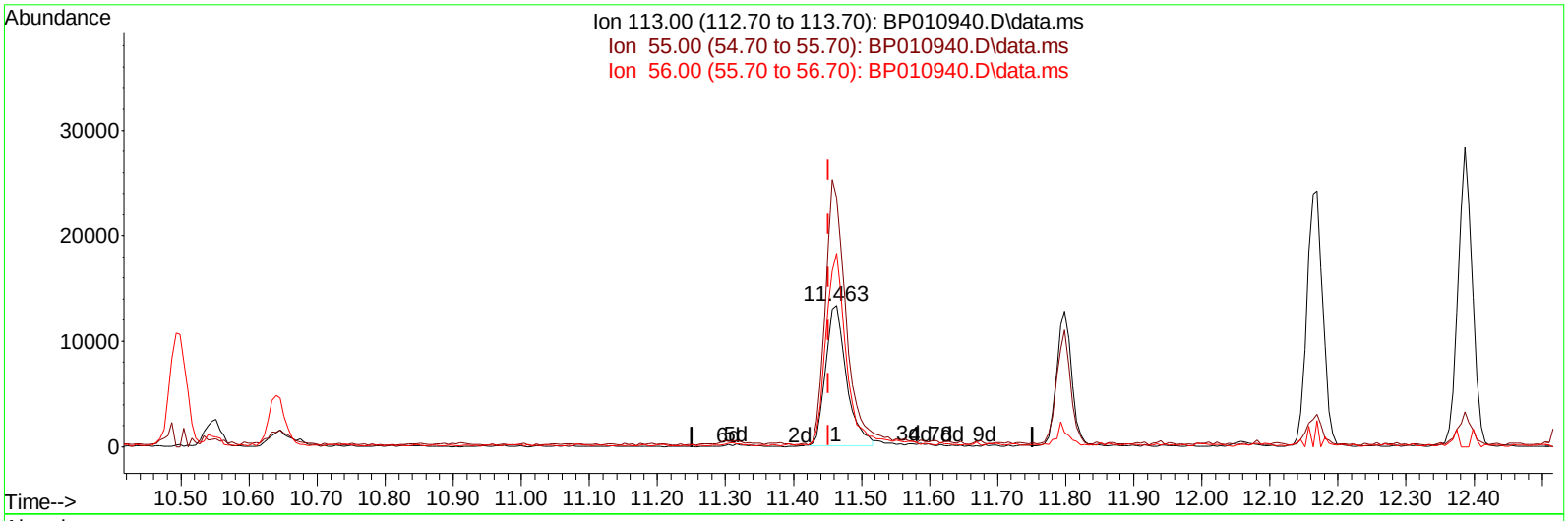
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070722\
Data File : BP010940.D
Acq On : 07 Jul 2022 15:08
Operator : CG/JU
Sample : N3577-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

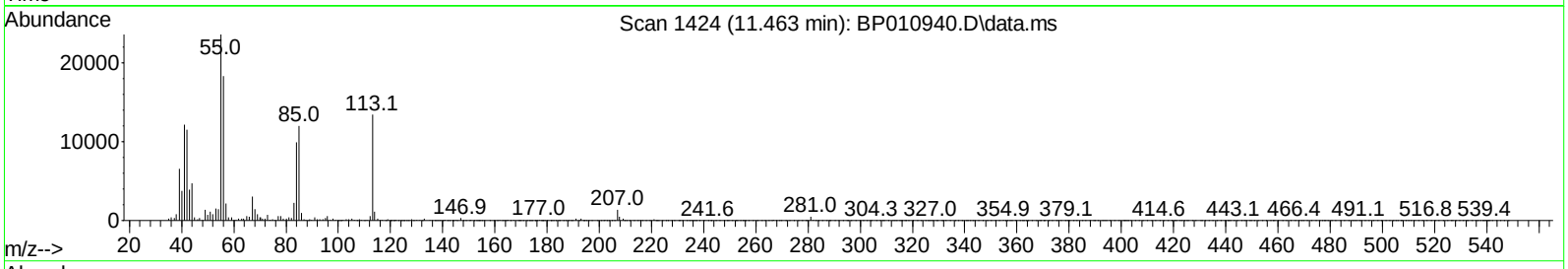
Quant Time: Jul 08 00:59:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 23:13:53 2022
Response via : Initial Calibration

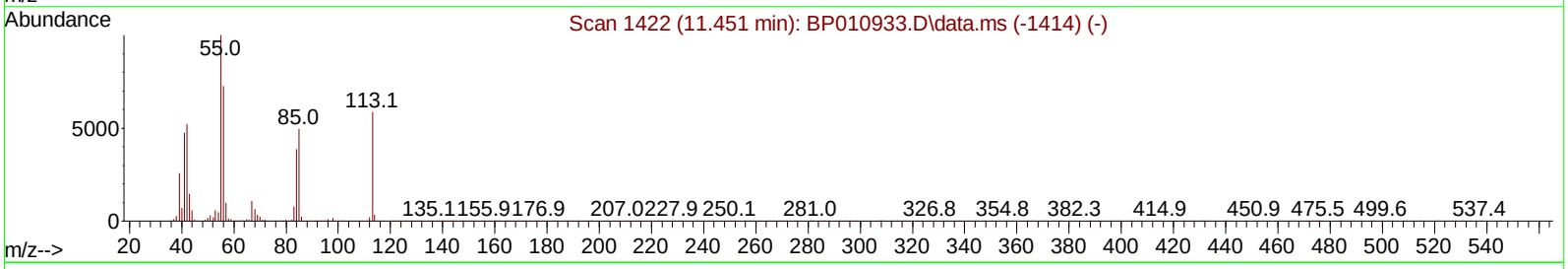
Instrument :
BNA_P
ClientSampleId :
YB324MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/08/2022
Supervised By :mohammad ahmed 07/11/2022







TIC: BP010940.D\data.ms

(34) Caprolactam

11.463min (+ 0.012) 4.15 ng/ul

response 28312

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	175.98
56.00	137.80	136.51
0.00	0.00	0.00

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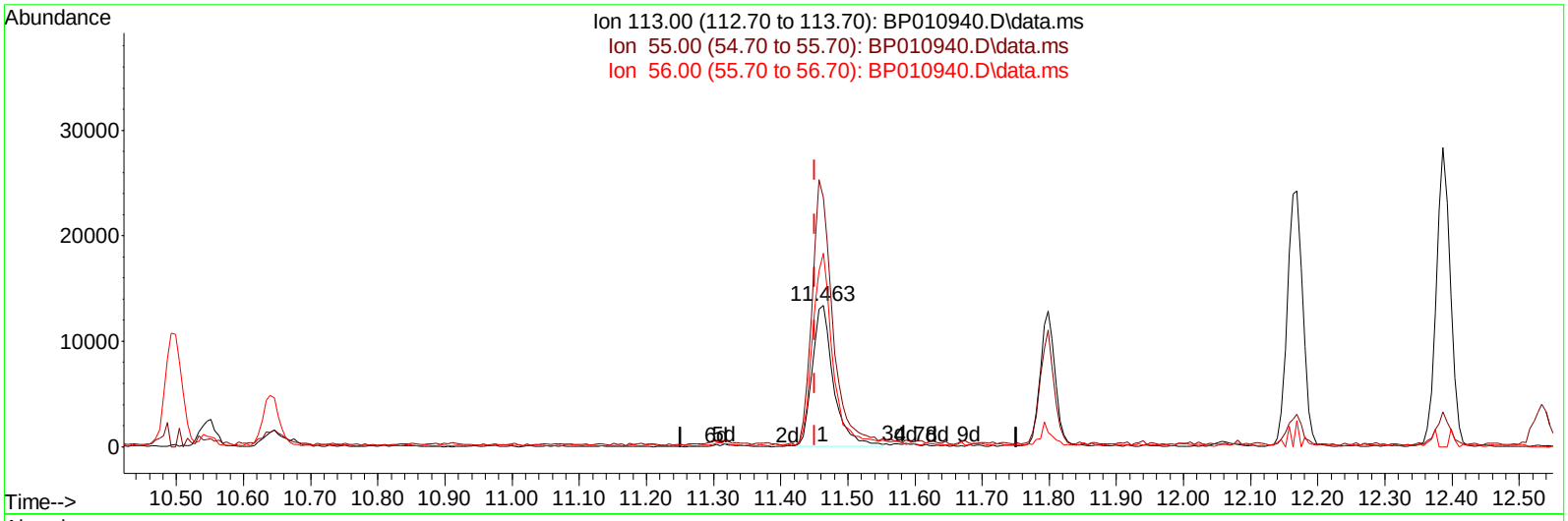

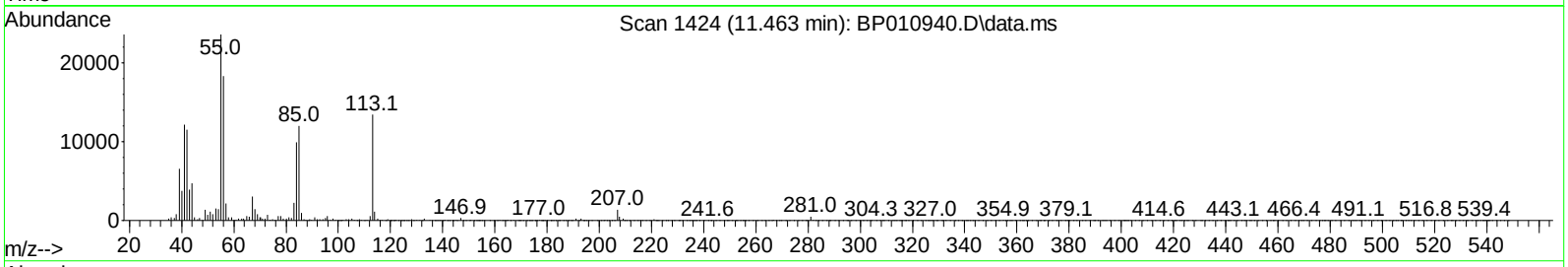

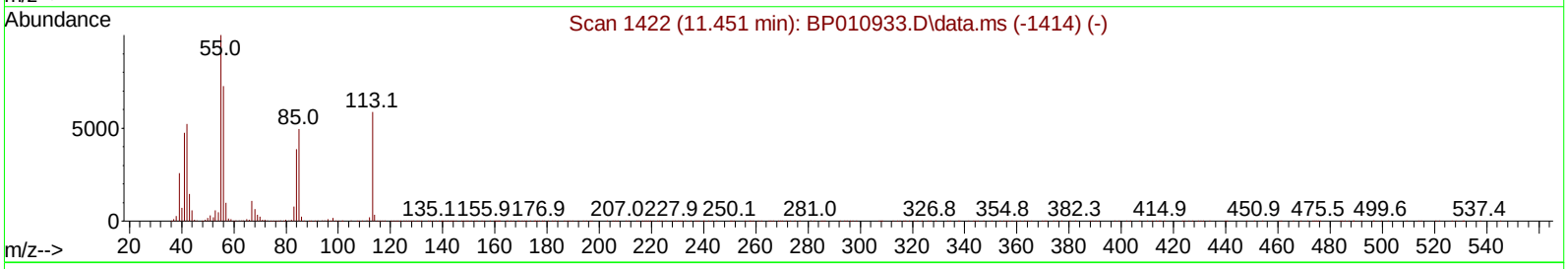

TIC: BP010940.D\data.ms

(34) Caprolactam

11.463min (+ 0.012) 4.27 ng/ul m

response 29107

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	175.98
56.00	137.80	136.51
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	7.705	152	400959	20.000	ng/ul		0.00
20) Naphthalene-d8	10.498	136	1605978	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.357	164	900324	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.122	188	1804149	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.239	240	1753019	20.000	ng/ul	#	0.00
88) Perylene-d12	23.598	264	1834875	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.199	96	49743	4.693	ng/uL		0.00
4) Pyridine-d5	3.611	84	327018	11.590	ng/ul		0.00
7) Phenol-d5	6.881	99	212789	6.704	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	675691	32.551	ng/ul		0.00
11) 2-Chlorophenol-d4	7.240	132	658728	25.015	ng/ul		0.00
15) 4-Methylphenol-d8	8.422	113	403681	16.089	ng/ul		0.00
21) Nitrobenzene-d5	8.863	128	400410	39.165	ng/ul		0.00
24) 2-Nitrophenol-d4	9.587	143	364506	43.095	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.122	165	656581	31.417	ng/ul		0.00
31) 4-Chloroaniline-d4	10.640	131	739866	21.688	ng/ul		0.00
46) Dimethylphthalate-d6	13.781	166	2241637	36.347	ng/ul		0.00
49) Acenaphthylene-d8	14.051	160	2660776	33.804	ng/ul		0.00
54) 4-Nitrophenol-d4	14.569	143	80977	8.406	ng/ul		0.00
60) Fluorene-d10	15.357	176	1924415	36.361	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	289697	48.466	ng/ul		0.00
73) Anthracene-d10	17.222	188	2942134	36.653	ng/ul		0.00
81) Pyrene-d10	19.474	212	3421912	35.830	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.445	264	3442825	37.970	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	55428	4.904	ng/uL	#	90
5) Pyridine	3.628	79	335830	11.750	ng/ul	#	79
6) Benzaldehyde	6.852	77	688800	41.129	ng/ul		95
8) Phenol	6.905	94	233958	6.892	ng/ul	#	87
10) Bis(2-Chloroethyl)ether	7.140	93	865794	31.755	ng/ul		89
12) 2-Chlorophenol	7.269	128	667646	24.561	ng/ul		92
13) 2-Methylphenol	8.152	108	459893	18.197	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	1180440	32.269	ng/ul	#	98
16) Acetophenone	8.528	105	1253786	32.538	ng/ul	#	89
17) N-Nitroso-di-n-propyla...	8.516	70	610604	31.338	ng/ul		91
18) 4-Methylphenol	8.481	108	430234	16.347	ng/ul		100
19) Hexachloroethane	8.775	117	293283	26.642	ng/ul	#	80
22) Nitrobenzene	8.904	77	937505	36.746	ng/ul		93
23) Isophorone	9.434	82	1666611	31.149	ng/ul		98
25) 2-Nitrophenol	9.616	139	407538	39.788	ng/ul	#	80
26) 2,4-Dimethylphenol	9.681	107	685626	24.500	ng/ul		94
27) Bis(2-Chloroethoxy)met...	9.922	93	1109352	32.868	ng/ul		98
29) 2,4-Dichlorophenol	10.146	162	642952	29.607	ng/ul		99
30) Naphthalene	10.546	128	2576773	30.785	ng/ul		100
32) 4-Chloroaniline	10.663	127	1002712	29.666	ng/ul		99
33) Hexachlorobutadiene	10.834	225	362827	26.152	ng/ul		96
34) Caprolactam	11.463	113	29107m	4.267	ng/ul		
35) 4-Chloro-3-methylphenol	11.798	107	651180	27.666	ng/ul		95

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.169	142	1676029	30.922	ng/ul	98
37) 1-Methylnaphthalene	12.387	142	1688302	31.354	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	778727	30.099	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	372761	22.737	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	506545	33.959	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	565433	35.325	ng/ul	99
43) 1,1'-Biphenyl	13.187	154	2222109	31.352	ng/ul#	98
44) 2-Chloronaphthalene	13.228	162	1695582	31.757	ng/ul	98
45) 2-Nitroaniline	13.440	65	515737	45.528	ng/ul#	82
47) Dimethylphthalate	13.828	163	2198058	35.589	ng/ul	98
48) 2,6-Dinitrotoluene	13.945	165	424678	45.891	ng/ul	92
50) Acenaphthylene	14.081	152	2754656	31.955	ng/ul	99
51) 3-Nitroaniline	14.275	138	473254	42.657	ng/ul	85
52) Acenaphthene	14.422	153	1901112	34.179	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	148266	41.734	ng/ul	87
55) 4-Nitrophenol	14.586	109	64090	8.367	ng/ul#	73
56) Dibenzofuran	14.757	168	2607496	34.224	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	615576	49.782	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.986	232	466195	40.671	ng/ul#	88
59) Diethylphthalate	15.198	149	2313955	37.685	ng/ul	98
61) Fluorene	15.410	166	2155597	35.482	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	990968	34.845	ng/ul	98
63) 4-Nitroaniline	15.445	138	503438	49.079	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.498	198	295570	45.760	ng/ul	94
67) N-Nitrosodiphenylamine	15.628	169	1836733	33.613	ng/ul	98
68) 4-Bromophenyl-phenylether	16.316	248	612689	33.886	ng/ul	98
69) Hexachlorobenzene	16.416	284	690641	32.978	ng/ul#	92
70) Atrazine	16.598	200	648718	35.807	ng/ul	98
71) Pentachlorophenol	16.769	266	360599	33.439	ng/ul	95
72) Phenanthrene	17.163	178	3481677	36.239	ng/ul	99
74) Anthracene	17.257	178	3485358	36.069	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	822022	27.611	ng/uL	97
76) Pentachlorobenzene	14.675	250	808555	31.667	ng/uL	99
77) Carbazole	17.533	167	3305230	37.999	ng/ul	99
78) Di-n-butylphthalate	18.104	149	3995610	38.549	ng/ul	99
80) Fluoranthene	19.145	202	3998931	34.045	ng/ul#	87
82) Pyrene	19.504	202	4097993	34.547	ng/ul#	85
83) Butylbenzylphthalate	20.398	149	1839482	44.056	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.163	252	1271311	35.120	ng/ul	99
85) Benzo(a)anthracene	21.221	228	3980730	36.309	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.163	149	2763791	41.800	ng/ul#	97
87) Chrysene	21.274	228	3784838	36.025	ng/ul	99
89) Di-n-octyl phthalate	22.080	149	4590200	42.146	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	4167315	36.522	ng/ul#	96
91) Benzo(k)fluoranthene	22.927	252	4181107	38.550	ng/ul#	95
93) Benzo(a)pyrene	23.492	252	3700516	33.338	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.045	276	4911214	36.667	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.068	278	4097199	35.662	ng/ul#	92
96) Benzo(g,h,i)perylene	26.798	276	4019000	35.275	ng/ul#	88

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

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