Quantitation Report (Qedit)

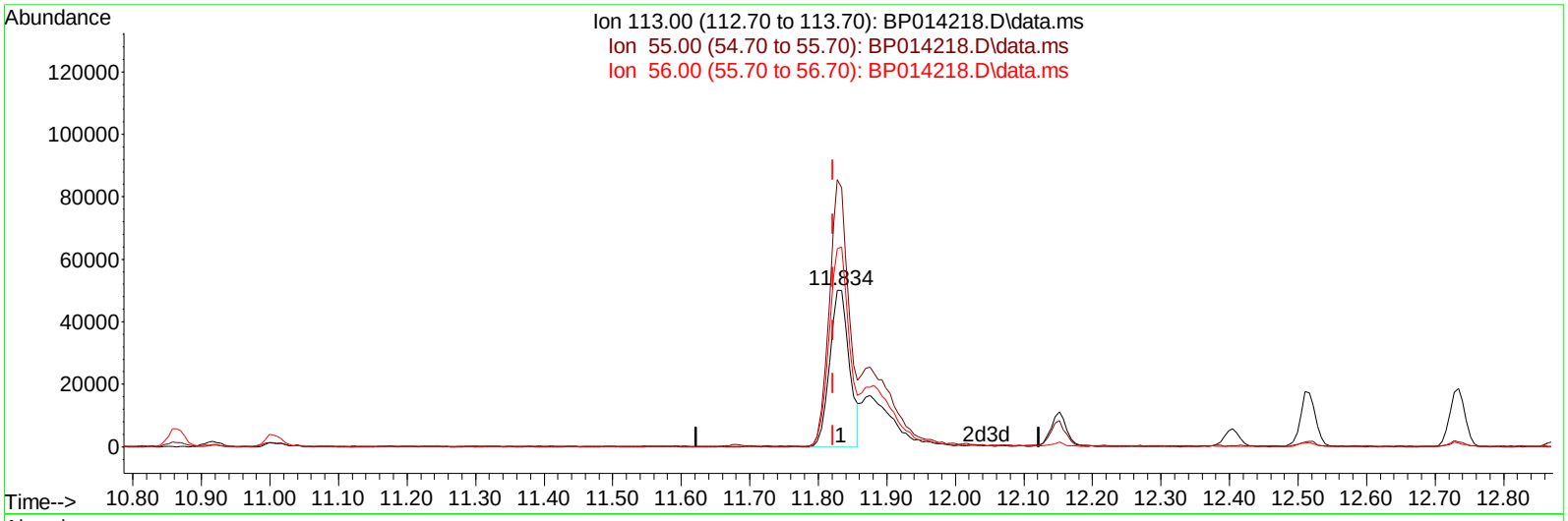
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014218.D
Acq On : 22 Mar 2023 13:48
Operator : CG/JU
Sample : PB151568BS
Misc :
ALS Vial : 90 Sample Multiplier: 1

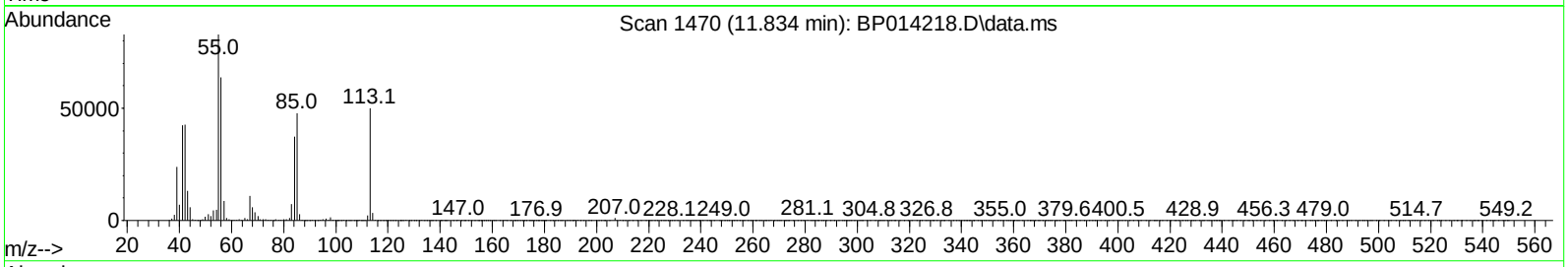
Quant Time: Mar 23 00:59:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

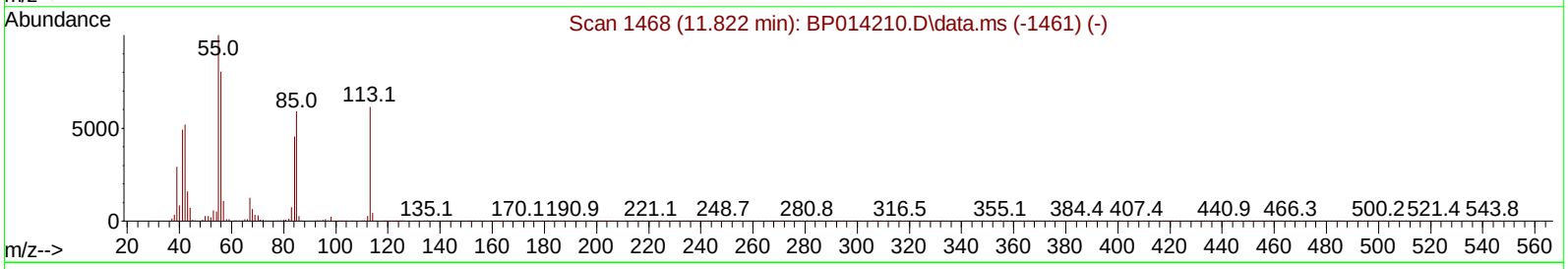
Instrument :
BNA_P
ClientSampleId :
SLCS568

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :mohammad ahmed 03/24/2023







TIC: BP014218.D\data.ms

(34) Caprolactam

11.834min (+ 0.012) 22.32 ng/ul

response 100091

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.48
56.00	127.50	127.54
0.00	0.00	0.00

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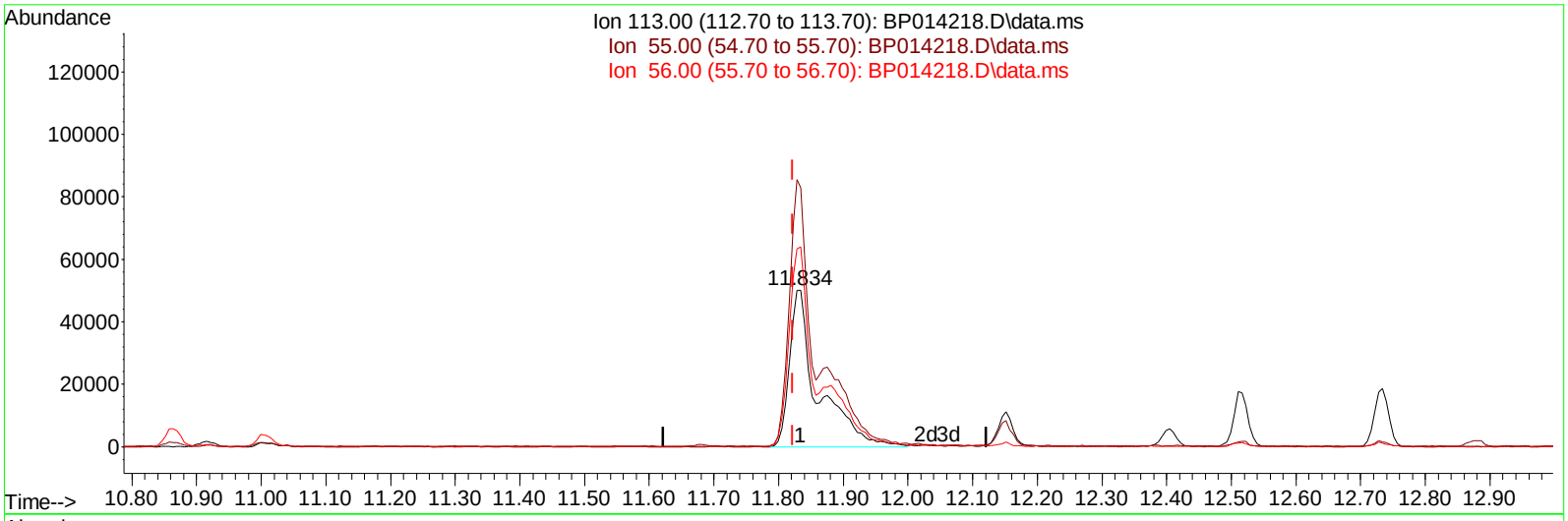

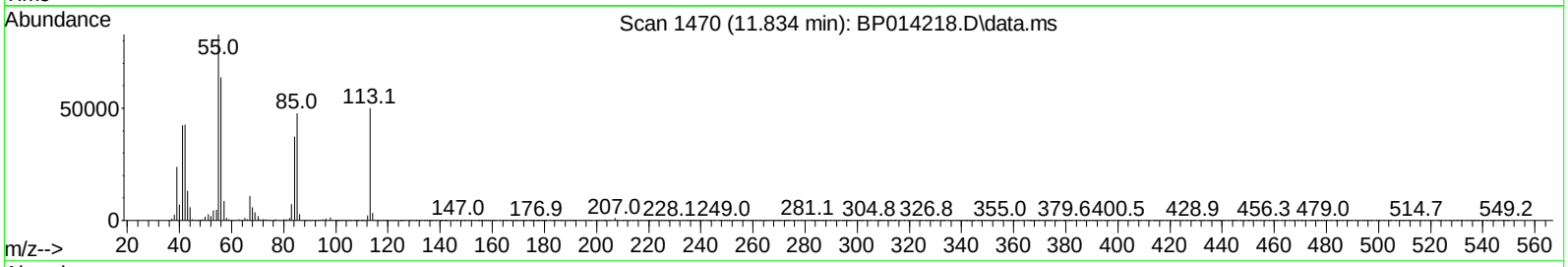

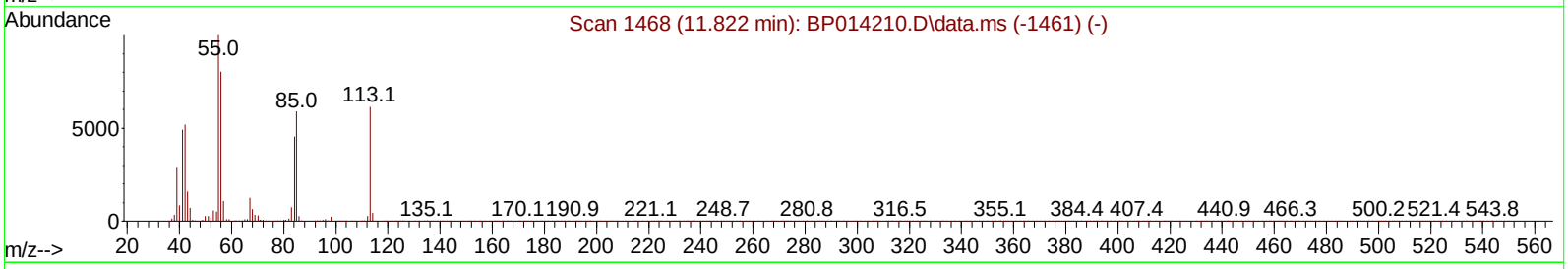

TIC: BP014218.D\data.ms

(34) Caprolactam

11.834min (+ 0.012) 34.12 ng/ul m

response 152999

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.48
56.00	127.50	127.54
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	8.046	152	186401	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	779041	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	520751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1199758	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	1103957	20.000	ng/ul	# 0.00
88) Perylene-d12	24.033	264	952560	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	27329	5.539	ng/uL	0.00
4) Pyridine-d5	3.840	84	394882	28.909	ng/ul	0.00
7) Phenol-d5	7.205	99	552881	33.611	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	334334	34.851	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	413387	32.985	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	449678	33.467	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	212126	34.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	254454	34.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	453576	32.397	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	554803	29.944	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1432875	32.422	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	1552169	33.154	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	245907	31.574	ng/ul	0.00
60) Fluorene-d10	15.675	176	1201811	32.087	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	281634	31.059	ng/ul	0.00
73) Anthracene-d10	17.539	188	1968272	33.794	ng/ul	0.00
81) Pyrene-d10	19.763	212	2361416	38.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	1773692	35.005	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	57346	10.767	ng/uL	93
5) Pyridine	3.864	79	379862	27.422	ng/ul	95
6) Benzaldehyde	7.181	77	313551	38.309	ng/ul	98
8) Phenol	7.234	94	571379	33.683	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.464	93	441789	33.994	ng/ul	99
12) 2-Chlorophenol	7.605	128	426282	33.760	ng/ul	96
13) 2-Methylphenol	8.493	108	426101	33.780	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	556633	39.660	ng/ul	97
16) Acetophenone	8.875	105	715296	32.953	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.858	70	383873	34.569	ng/ul	98
18) 4-Methylphenol	8.828	108	467420	33.689	ng/ul	100
19) Hexachloroethane	9.128	117	186710	33.762	ng/ul	97
22) Nitrobenzene	9.263	77	576225	34.654	ng/ul	99
23) Isophorone	9.793	82	1077881	33.662	ng/ul	98
25) 2-Nitrophenol	9.975	139	259535	33.843	ng/ul	97
26) 2,4-Dimethylphenol	10.034	107	544956	32.466	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	640581	34.585	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	444058	32.154	ng/ul	97
30) Naphthalene	10.916	128	1402030	32.773	ng/ul	100
32) 4-Chloroaniline	11.028	127	492903	26.437	ng/ul	100
33) Hexachlorobutadiene	11.193	225	329404	29.974	ng/ul	98
34) Caprolactam	11.834	113	152999m	34.119	ng/ul	
35) 4-Chloro-3-methylphenol	12.152	107	543836	34.054	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	961699	32.051	ng/ul	99
37) 1-Methylnaphthalene	12.734	142	994324	32.970	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	605695	32.164	ng/ul	100
40) Hexachlorocyclopentadiene	12.851	237	340698	25.265	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	396021	33.477	ng/ul	99
42) 2,4,5-Trichlorophenol	13.199	196	434692	33.483	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	1345612	33.563	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1083326	34.022	ng/ul	98
45) 2-Nitroaniline	13.775	65	367464	39.019	ng/ul	95
47) Dimethylphthalate	14.134	163	1438565	32.885	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	305354	35.307	ng/ul	97
50) Acenaphthylene	14.404	152	1662222	33.831	ng/ul	99
51) 3-Nitroaniline	14.598	138	293098	38.275	ng/ul	94
52) Acenaphthene	14.746	153	1160890	33.798	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	184517	28.569	ng/ul	97
55) 4-Nitrophenol	14.910	109	236577	28.122	ng/ul	86
56) Dibenzofuran	15.081	168	1657153	33.164	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	450345	34.852	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.310	232	395183	31.818	ng/ul	99
59) Diethylphthalate	15.493	149	1495065	33.696	ng/ul	99
61) Fluorene	15.734	166	1355838	32.734	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	733702	32.093	ng/ul	97
63) 4-Nitroaniline	15.763	138	319961	40.649	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.816	198	277881	32.121	ng/ul	97
67) N-Nitrosodiphenylamine	15.934	169	1177832	34.760	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	482880	33.293	ng/ul	99
69) Hexachlorobenzene	16.740	284	562799	32.929	ng/ul	100
70) Atrazine	16.892	200	372565	25.493	ng/ul	99
71) Pentachlorophenol	17.087	266	334786	29.966	ng/ul	97
72) Phenanthrene	17.481	178	2237368	34.191	ng/ul	100
74) Anthracene	17.575	178	2285877	34.452	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	614125	33.353	ng/uL	99
76) Pentachlorobenzene	14.998	250	627452	32.805	ng/uL	99
77) Carbazole	17.845	167	2065816	35.298	ng/ul	100
78) Di-n-butylphthalate	18.369	149	2722101	37.216	ng/ul	100
80) Fluoranthene	19.433	202	2809421	40.482	ng/ul#	94
82) Pyrene	19.792	202	2867036	39.602	ng/ul	97
83) Butylbenzylphthalate	20.645	149	1289425	44.172	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	855486	30.271	ng/ul	99
85) Benzo(a)anthracene	21.498	228	2729859	35.157	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1913538	43.846	ng/ul	99
87) Chrysene	21.557	228	2547026	34.419	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	3172002	52.774	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2378235	37.468	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	2234763	36.923	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1930922	34.975	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	2273075	31.102	ng/ul	97
95) Dibenzo(a,h)anthracene	26.698	278	1905126	31.363	ng/ul	98
96) Benzo(g,h,i)perylene	27.492	276	1815734	31.083	ng/ul	99

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

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