Quantitation Report (Qedit)

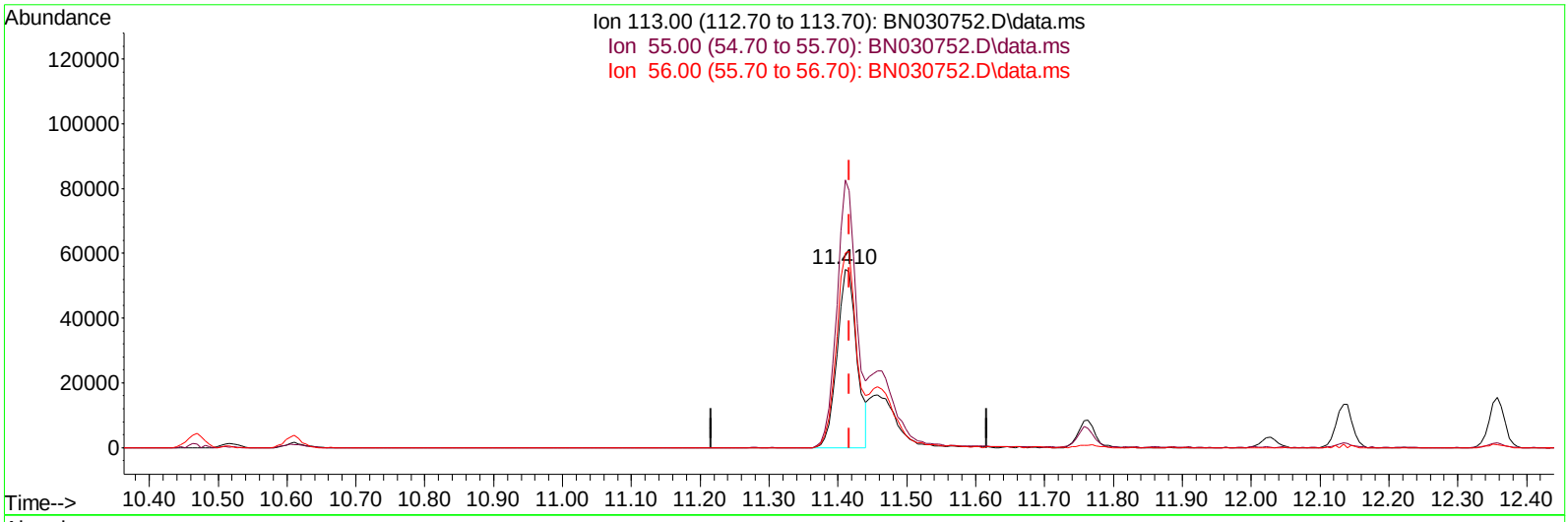
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040724\
Data File : BN030752.D
Acq On : 07 Apr 2024 21:58
Operator : MA/JU
Sample : PB160032BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

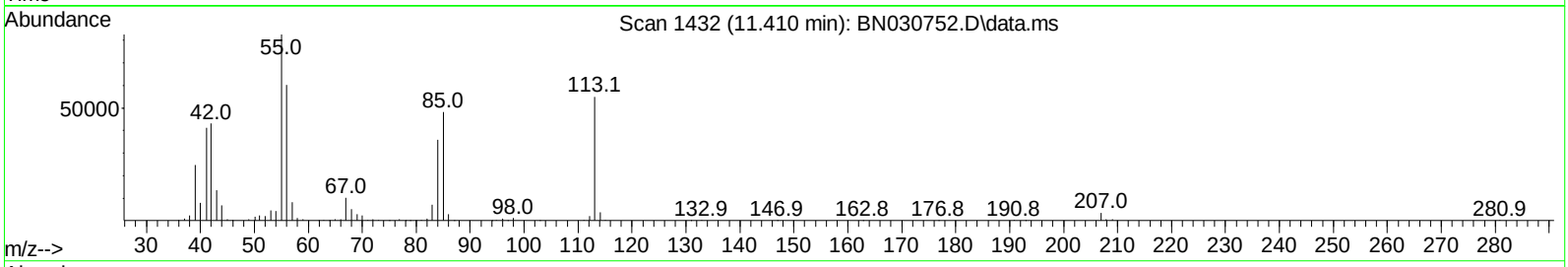
Quant Time: Apr 08 02:33:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

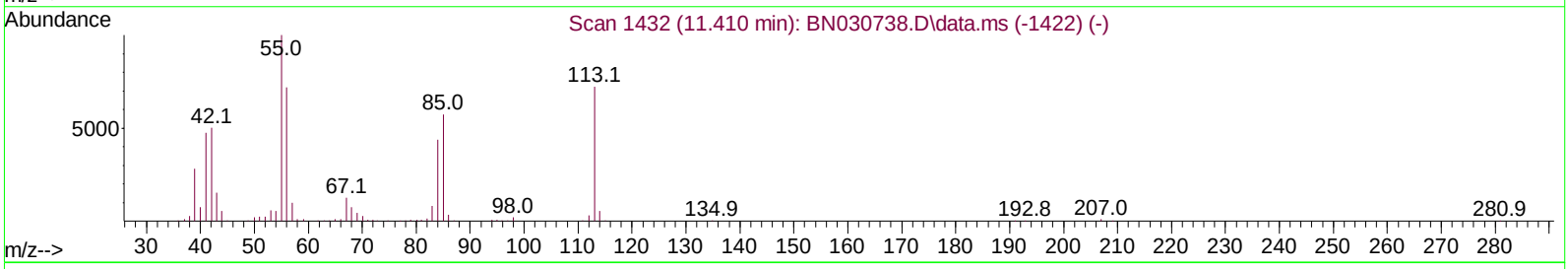
Instrument :
BNA_N
ClientSampleId :
SLCS032

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/09/2024







TIC: BN030752.D\data.ms

(34) Caprolactam

11.410min (-0.006) 28.42 ng/ul

response 108535

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	150.03
56.00	113.20	109.31
0.00	0.00	0.00

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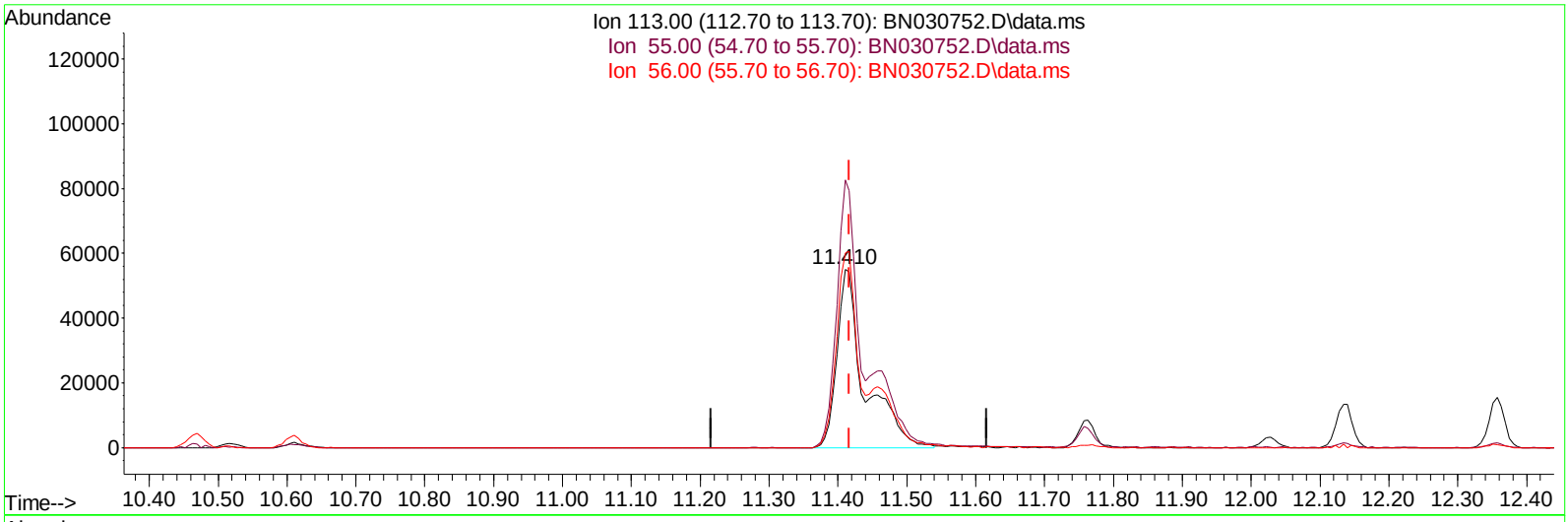

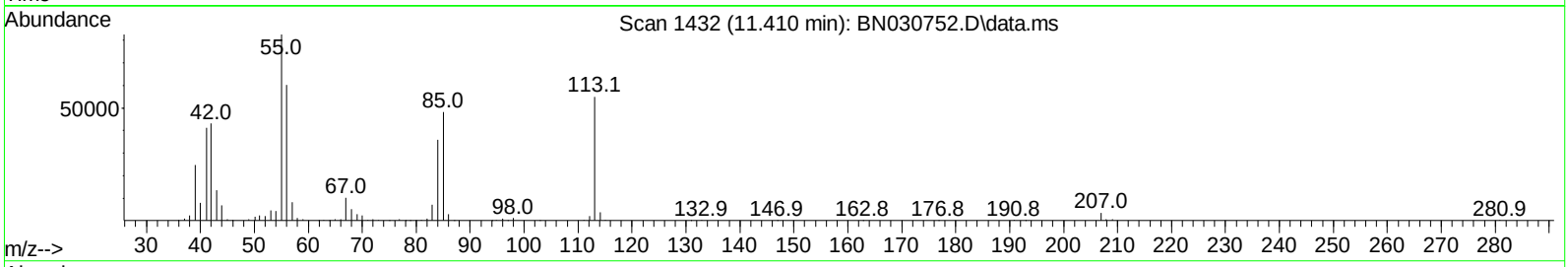

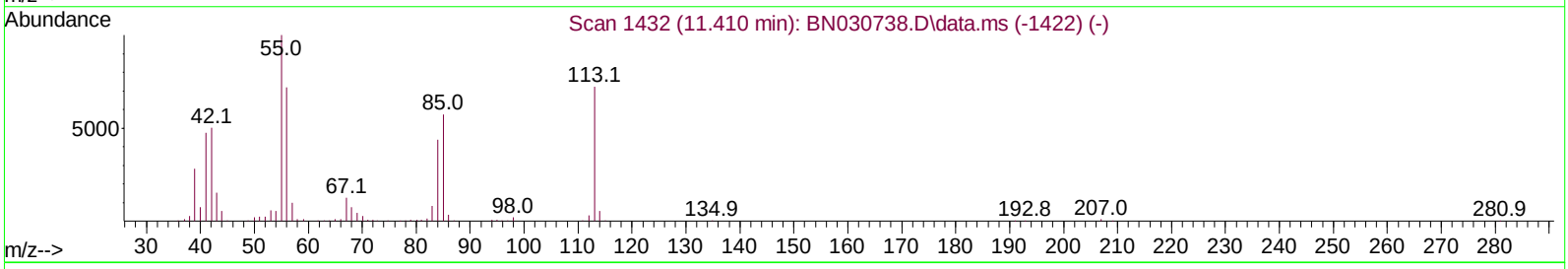

TIC: BN030752.D\data.ms

(34) Caprolactam

11.410min (-0.006) 40.08 ng/ul m

response 153075

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	150.03
56.00	113.20	109.31
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	141241	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.469	136	720999	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.328	164	517766	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	1125052	20.000	ng/ul	-0.01
79) Chrysene-d12	21.316	240	1120771	20.000	ng/ul	-0.01
88) Perylene-d12	24.257	264	1219778	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	21708	7.206	ng/uL	-0.01
4) Pyridine-d5	3.593	84	324661	35.944	ng/ul	0.00
7) Phenol-d5	6.852	99	465002	40.698	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	270724	38.362	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.216	132	368378	42.501	ng/ul	-0.01
15) 4-Methylphenol-d8	8.393	113	393666	41.110	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	192215	38.431	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.557	143	203910	44.566	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	397870	39.720	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.610	131	585242	35.489	ng/ul	-0.01
46) Dimethylphthalate-d6	13.746	166	1312265	37.961	ng/ul	-0.01
49) Acenaphthylene-d8	14.022	160	1500742	37.758	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.534	143	262036	39.628	ng/ul	0.00
60) Fluorene-d10	15.322	176	1127017	37.256	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.445	200	198471	39.967	ng/ul	0.00
73) Anthracene-d10	17.175	188	1798661	37.105	ng/ul	-0.01
81) Pyrene-d10	19.475	212	2160894	35.861	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.051	264	2245489	39.952	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	45087	13.972	ng/uL	97
5) Pyridine	3.611	79	324109	35.561	ng/ul	97
6) Benzaldehyde	6.834	77	253094	47.566	ng/ul	99
8) Phenol	6.881	94	480490	40.368	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.116	93	382556	39.413	ng/ul	99
12) 2-Chlorophenol	7.252	128	386233	41.539	ng/ul	96
13) 2-Methylphenol	8.122	108	374553	40.836	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.205	45	508104	37.176	ng/ul	99
16) Acetophenone	8.505	105	610853	40.403	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	309160	40.600	ng/ul	97
18) 4-Methylphenol	8.452	108	418151	40.724	ng/ul	99
19) Hexachloroethane	8.752	117	154992	39.759	ng/ul	99
22) Nitrobenzene	8.881	77	448108	36.702	ng/ul	99
23) Isophorone	9.405	82	910040	37.375	ng/ul	99
25) 2-Nitrophenol	9.587	139	231057	42.968	ng/ul	98
26) 2,4-Dimethylphenol	9.652	107	416239	34.827	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.893	93	562592	36.340	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	396496	38.780	ng/ul	96
30) Naphthalene	10.516	128	1353149	36.593	ng/ul	99
32) 4-Chloroaniline	10.634	127	515761	32.453	ng/ul	100
33) Hexachlorobutadiene	10.799	225	235099	36.531	ng/ul	96
34) Caprolactam	11.410	113	153075m	40.076	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	469786	40.795	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.134	142	971687	37.626	ng/ul	100
37) 1-Methylnaphthalene	12.357	142	964326	36.785	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	489589	36.640	ng/ul	99
40) Hexachlorocyclopentadiene	12.481	237	239420	31.551	ng/ul	95
41) 2,4,6-Trichlorophenol	12.751	196	335621	40.195	ng/ul	100
42) 2,4,5-Trichlorophenol	12.822	196	375687	39.841	ng/ul	96
43) 1,1'-Biphenyl	13.157	154	1280451	36.283	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	1003446	36.120	ng/ul	97
45) 2-Nitroaniline	13.410	65	297546	40.246	ng/ul	98
47) Dimethylphthalate	13.793	163	1366930	38.279	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	278430	42.054	ng/ul	95
50) Acenaphthylene	14.051	152	1719775	37.448	ng/ul	100
51) 3-Nitroaniline	14.240	138	305292	43.443	ng/ul	98
52) Acenaphthene	14.393	153	1119392	36.577	ng/ul	96
53) 2,4-Dinitrophenol	14.445	184	118338	38.915	ng/ul	97
55) 4-Nitrophenol	14.551	109	206580	39.433	ng/ul	98
56) Dibenzofuran	14.728	168	1561053	36.695	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	409460	42.360	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.957	232	313363	40.013	ng/ul	96
59) Diethylphthalate	15.163	149	1404552	38.717	ng/ul	100
61) Fluorene	15.381	166	1268270	37.508	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	606840	36.580	ng/ul	99
63) 4-Nitroaniline	15.410	138	333243	48.777	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	217833	40.824	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	1123564	36.671	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	390914	36.591	ng/ul	93
69) Hexachlorobenzene	16.375	284	457325	36.354	ng/ul	99
70) Atrazine	16.551	200	342423	32.244	ng/ul	99
71) Pentachlorophenol	16.722	266	285823	38.536	ng/ul	93
72) Phenanthrene	17.122	178	2157037	37.318	ng/ul	100
74) Anthracene	17.210	178	2183795	37.373	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	502834	36.380	ng/uL	95
76) Pentachlorobenzene	14.645	250	495353	35.284	ng/uL	91
77) Carbazole	17.486	167	2053571	40.074	ng/ul	99
78) Di-n-butylphthalate	18.051	149	2539793	40.627	ng/ul	100
80) Fluoranthene	19.139	202	2593602	36.208	ng/ul	98
82) Pyrene	19.504	202	2732995	36.127	ng/ul	100
83) Butylbenzylphthalate	20.416	149	1229061	42.543	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	865940	42.049	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2772153	37.062	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	1714910	40.252	ng/ul	97
87) Chrysene	21.357	228	2585478	36.621	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	3160161	40.911	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2880725	40.130	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	2789528	38.264	ng/ul	98
93) Benzo(a)pyrene	24.116	252	2671079	39.389	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.557	276	2973829	40.569	ng/ul	99
95) Dibenzo(a,h)anthracene	27.615	278	2483744	40.248	ng/ul	97
96) Benzo(g,h,i)perylene	28.586	276	2367829	41.145	ng/ul	97

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

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