Quantitation Report (Qedit)

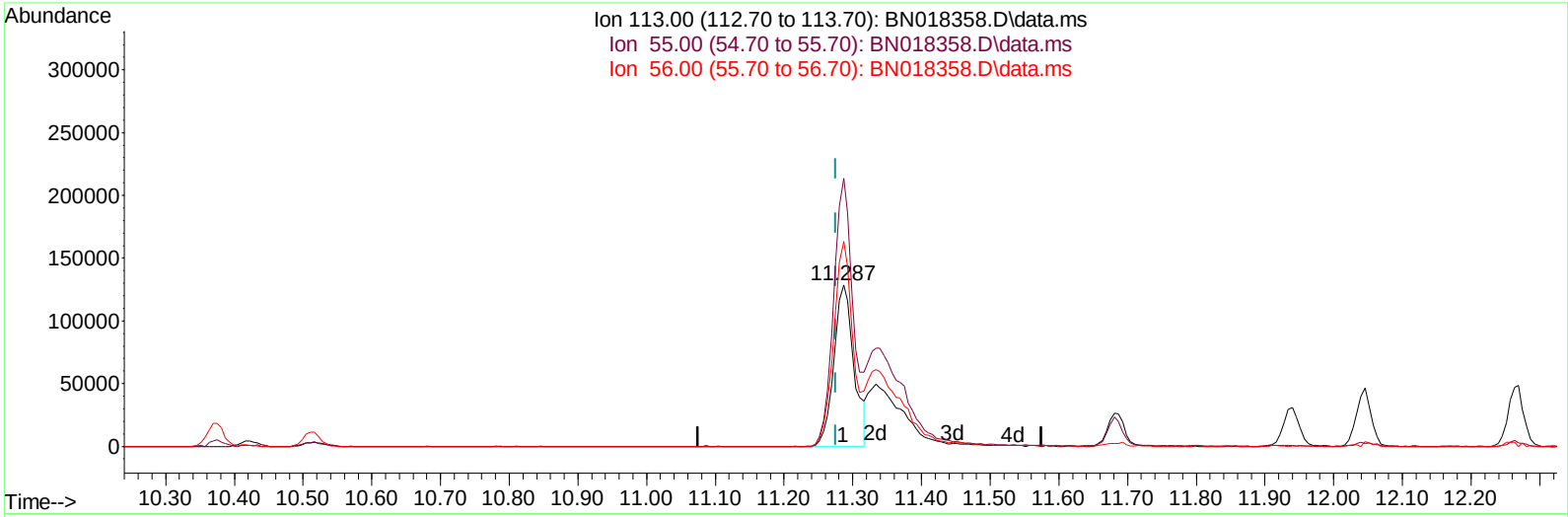
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010622\
Data File : BN018358.D
Acq On : 06 Jan 2022 18:42
Operator : CG/JU
Sample : PB141856BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

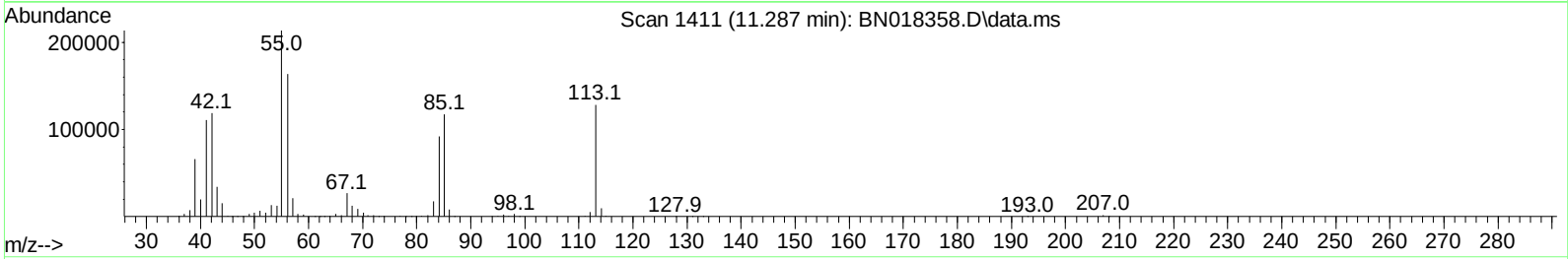
Quant Time: Jan 07 09:30:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

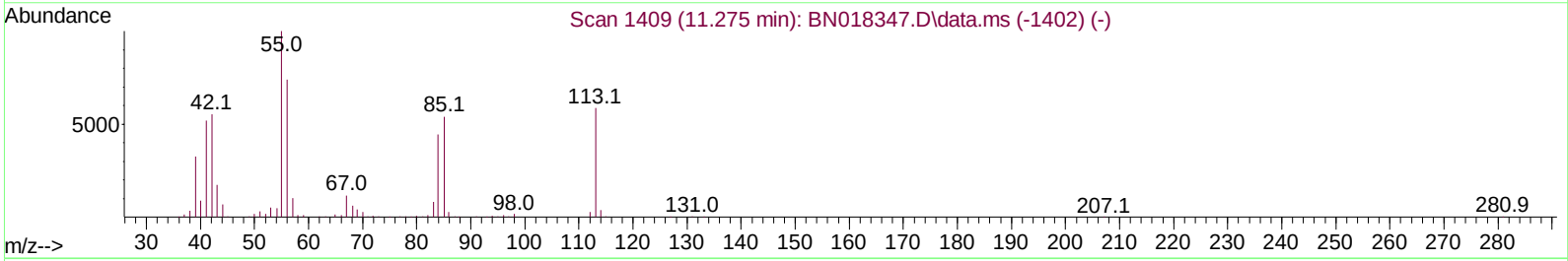
Instrument :
BNA_N
ClientSampleId :
SLCS856

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022







TIC: BN018358.D\data.ms

(34) Caprolactam

11.287min (+ 0.012) 17.79 ng/ul

response 259560

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	166.15
56.00	134.50	127.14
0.00	0.00	0.00

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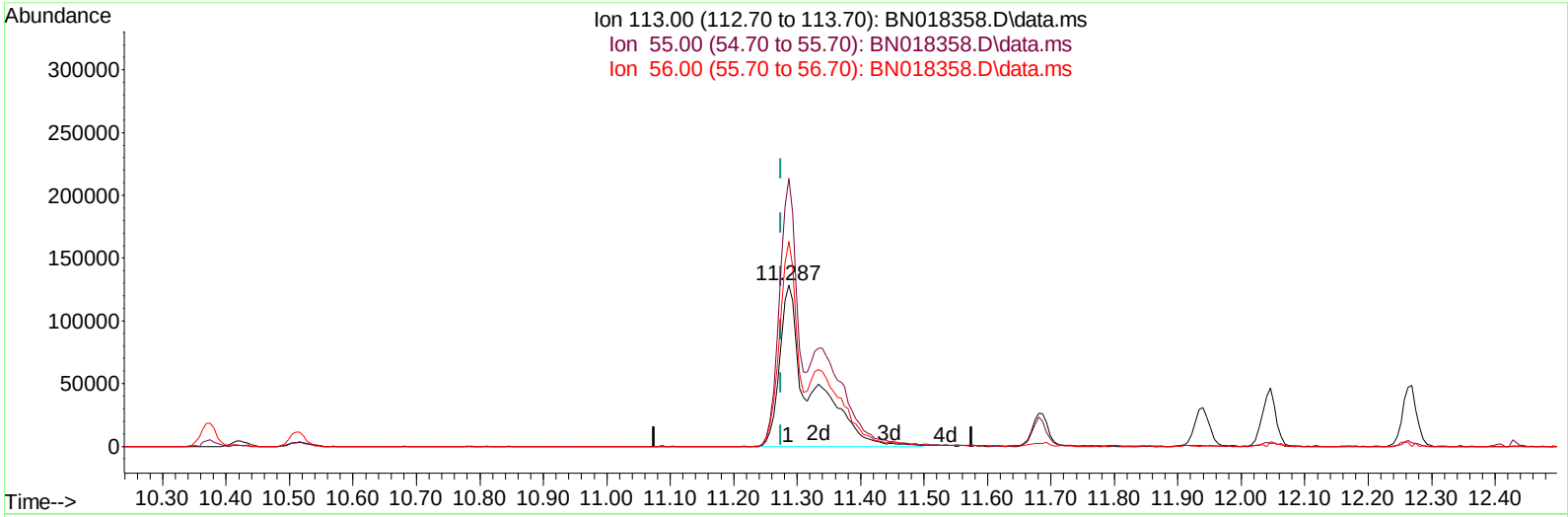

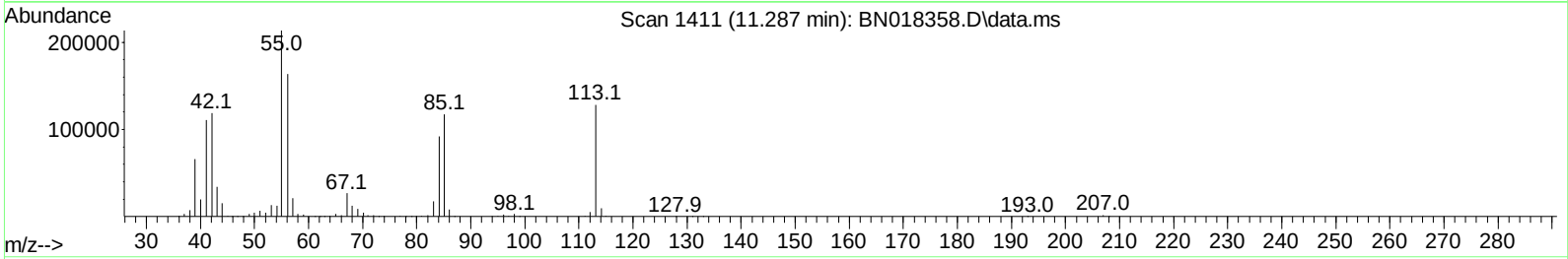

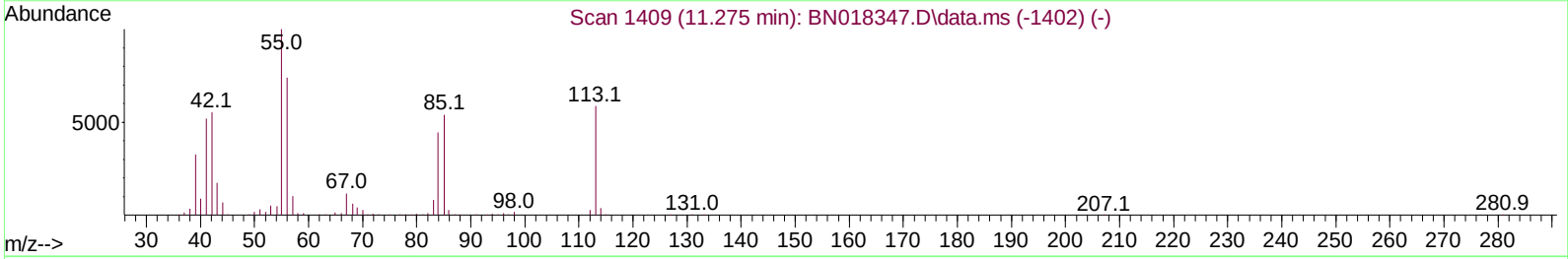

TIC: BN018358.D\data.ms

(34) Caprolactam

11.287min (+ 0.012) 29.98 ng/ul m

response 437396

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	166.15
56.00	134.50	127.14
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	7.593	152	535675	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	2533126	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.239	164	1600149	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.980	188	3287303	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.180	240	2909037	20.000	ng/ul	# 0.00
88) Perylene-d12	23.398	264	3019729	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	67855	5.092	ng/uL	0.00
4) Pyridine-d5	3.464	84	1101718	26.418	ng/ul	0.00
7) Phenol-d5	6.781	99	1563564	30.033	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	958505	28.903	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	1171047	30.708	ng/ul	0.00
15) 4-Methylphenol-d8	8.316	113	1249630	30.410	ng/ul	0.00
21) Nitrobenzene-d5	8.746	128	585978	31.059	ng/ul	0.00
24) 2-Nitrophenol-d4	9.463	143	640278	31.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	1146006	31.277	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	1559100	27.688	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	3620316	31.149	ng/ul	0.00
49) Acenaphthylene-d8	13.928	160	4537376	30.882	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	717598	32.355	ng/ul	0.00
60) Fluorene-d10	15.234	176	2977045	30.360	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	577036	31.022	ng/ul	0.00
73) Anthracene-d10	17.081	188	4494248	29.519	ng/ul	0.00
81) Pyrene-d10	19.380	212	5148061	30.850	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.257	264	4747410	31.589	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	148426	9.900	ng/uL	95
5) Pyridine	3.481	79	1134486	26.157	ng/ul	97
6) Benzaldehyde	6.734	77	805051	24.347	ng/ul	96
8) Phenol	6.805	94	1572835	28.987	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.028	93	1232675	28.177	ng/ul	98
12) 2-Chlorophenol	7.163	128	1178810	29.293	ng/ul	93
13) 2-Methylphenol	8.046	108	1174572	28.775	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.128	45	1599163	27.545	ng/ul	99
16) Acetophenone	8.410	105	1841594	29.257	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.410	70	995979	28.960	ng/ul#	93
18) 4-Methylphenol	8.381	108	1286092	29.363	ng/ul	96
19) Hexachloroethane	8.663	117	471244	28.235	ng/ul#	77
22) Nitrobenzene	8.787	77	1433047	28.751	ng/ul	97
23) Isophorone	9.310	82	2968126	29.650	ng/ul	99
25) 2-Nitrophenol	9.493	139	683382	30.438	ng/ul	97
26) 2,4-Dimethylphenol	9.569	107	1464541	29.414	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.799	93	1777876	28.550	ng/ul	98
29) 2,4-Dichlorophenol	10.034	162	1095726	29.525	ng/ul	99
30) Naphthalene	10.422	128	3872518	27.941	ng/ul	99
32) 4-Chloroaniline	10.534	127	1531559	26.631	ng/ul	99
33) Hexachlorobutadiene	10.722	225	575203	28.422	ng/ul	95
34) Caprolactam	11.287	113	437396m	29.982	ng/ul	
35) 4-Chloro-3-methylphenol	11.681	107	1424128	30.663	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.045	142	2690305	29.092	ng/ul	98
37) 1-Methylnaphthalene	12.263	142	2779422	28.882	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	1183348	28.832	ng/ul#	94
40) Hexachlorocyclopentadiene	12.410	237	649262	27.543	ng/ul	97
41) 2,4,6-Trichlorophenol	12.669	196	858726	30.849	ng/ul	98
42) 2,4,5-Trichlorophenol	12.740	196	922828	31.274	ng/ul	95
43) 1,1'-Biphenyl	13.069	154	3627573	29.110	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	2706218	29.062	ng/ul#	93
45) 2-Nitroaniline	13.316	65	962783	33.035	ng/ul	95
47) Dimethylphthalate	13.704	163	3529487	29.921	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	719965	32.207	ng/ul	89
50) Acenaphthylene	13.957	152	4506606	29.107	ng/ul	100
51) 3-Nitroaniline	14.145	138	716373	28.506	ng/ul	91
52) Acenaphthene	14.304	153	2908421	28.507	ng/ul	100
53) 2,4-Dinitrophenol	14.357	184	387290	30.760	ng/ul	88
55) 4-Nitrophenol	14.475	109	593583	31.327	ng/ul	94
56) Dibenzofuran	14.639	168	4116455	29.096	ng/ul#	86
57) 2,4-Dinitrotoluene	14.610	165	1050176	32.652	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.875	232	748710	31.476	ng/ul#	80
59) Diethylphthalate	15.081	149	3700503	30.387	ng/ul	97
61) Fluorene	15.286	166	3157973	28.984	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	1419171	29.129	ng/ul#	84
63) 4-Nitroaniline	15.310	138	734353	32.759	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.381	198	586493	30.932	ng/ul	93
67) N-Nitrosodiphenylamine	15.504	169	2914215	28.601	ng/ul	98
68) 4-Bromophenyl-phenylether	16.181	248	938002	29.425	ng/ul#	89
69) Hexachlorobenzene	16.298	284	1100602	28.801	ng/ul#	89
70) Atrazine	16.463	200	1025695	30.698	ng/ul	95
71) Pentachlorophenol	16.639	266	645714	29.603	ng/ul	98
72) Phenanthrene	17.022	178	5338454	28.578	ng/ul	98
74) Anthracene	17.116	178	5245464	28.286	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	1220530	26.003	ng/uL	97
76) Pentachlorobenzene	14.563	250	1229960	28.027	ng/uL	96
77) Carbazole	17.386	167	5059052	30.995	ng/ul	98
78) Di-n-butylphthalate	17.969	149	6524162	32.515	ng/ul	99
80) Fluoranthene	19.045	202	6041425	29.868	ng/ul#	91
82) Pyrene	19.410	202	6043774	29.326	ng/ul#	88
83) Butylbenzylphthalate	20.327	149	2870373	33.598	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.098	252	1616450	28.827	ng/ul#	95
85) Benzo(a)anthracene	21.163	228	5485054	28.805	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.116	149	4285062	32.975	ng/ul#	96
87) Chrysene	21.216	228	5427251	28.940	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	7341098	33.927	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	5841208	30.173	ng/ul#	94
91) Benzo(k)fluoranthene	22.774	252	5618927	31.298	ng/ul#	95
93) Benzo(a)pyrene	23.304	252	5635477	30.527	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	25.657	276	5892541	28.861	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.674	278	5032851	29.235	ng/ul#	95
96) Benzo(g,h,i)perylene	26.345	276	4996173	29.205	ng/ul#	91

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

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