Quantitation Report (Qedit)

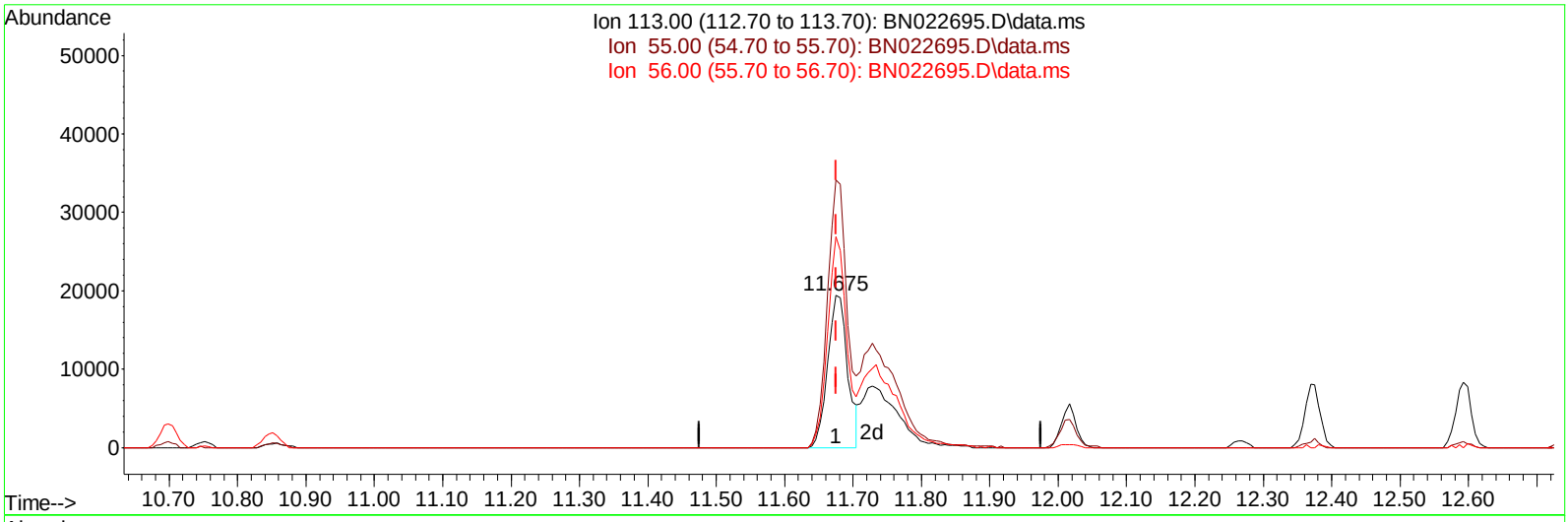
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022695.D
Acq On : 16 Nov 2022 20:03
Operator : CG/JU
Sample : PB148999BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

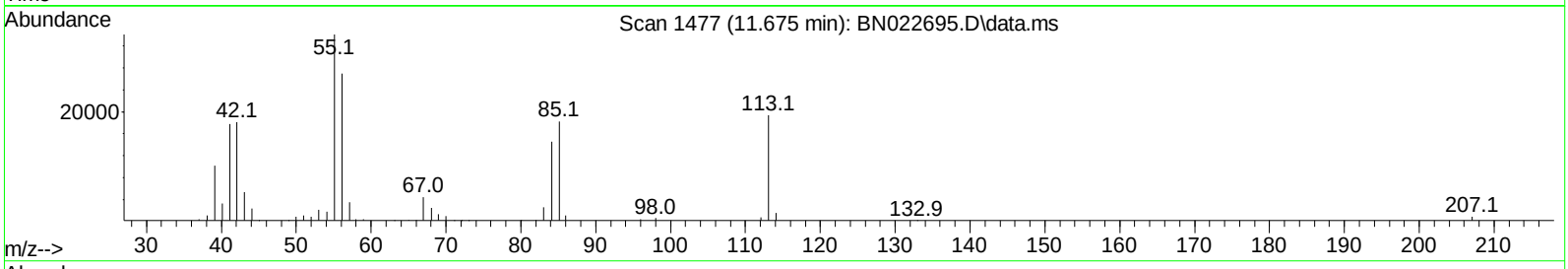
Quant Time: Nov 16 21:39:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 22:53:43 2022
Response via : Initial Calibration

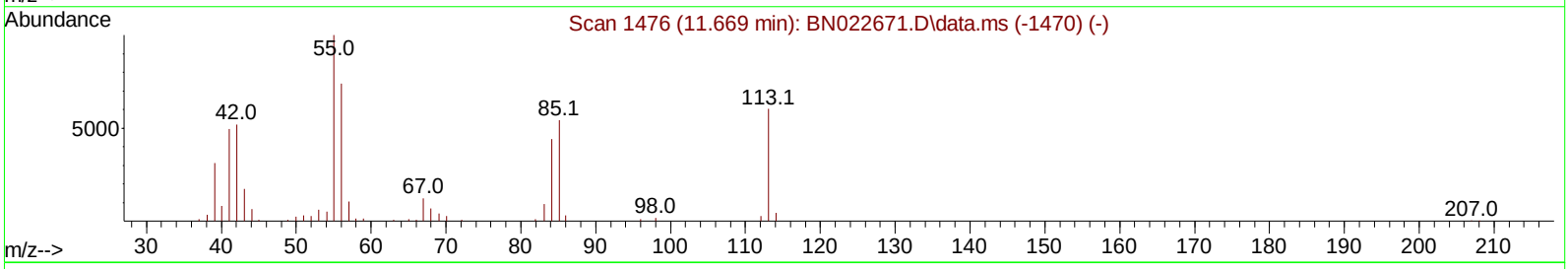
Instrument :
BNA_N
ClientSampleId :
SLCS999

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/17/2022
Supervised By :mohammad ahmed 11/18/2022







TIC: BN022695.D\data.ms

(34) Caprolactam

11.675min (+ 0.000) 17.75 ng/ul

response 39251

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	175.87
56.00	129.70	138.90
0.00	0.00	0.00

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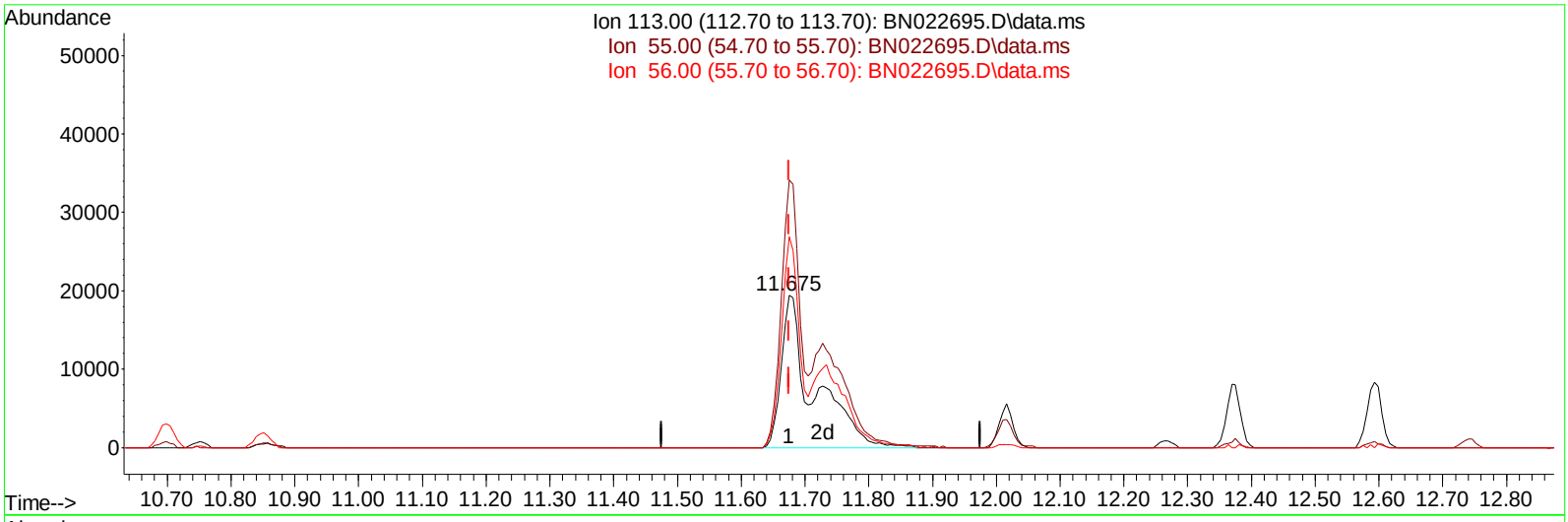

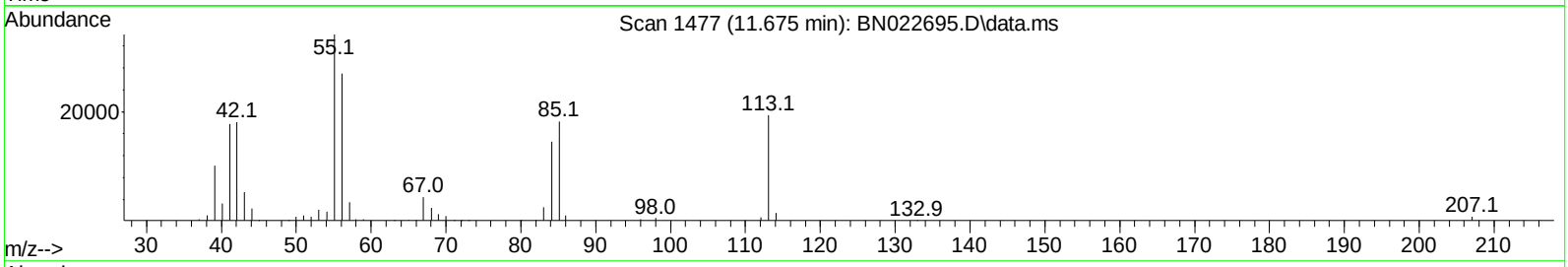

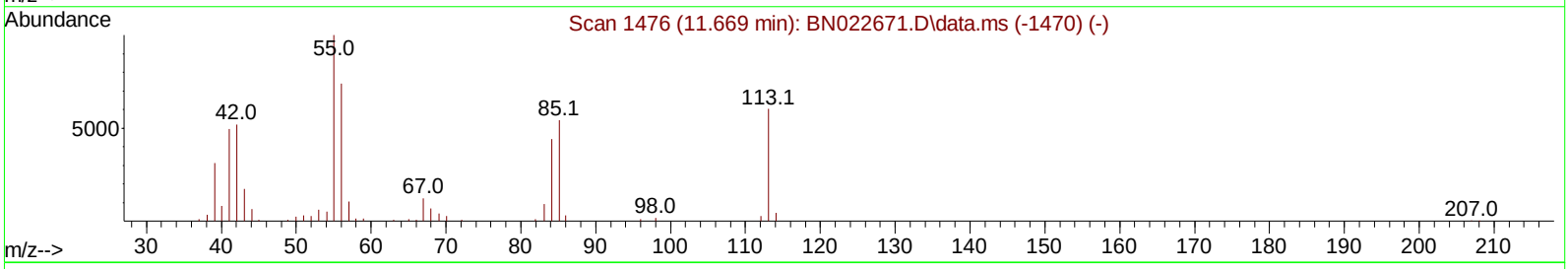

TIC: BN022695.D\data.ms

(34) Caprolactam

11.675min (+ 0.000) 30.86 ng/ul m

response 68236

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	175.87
56.00	129.70	138.90
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	7.875	152	87087	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	389452	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	245502	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	490306	20.000	ng/ul	0.00
79) Chrysene-d12	21.528	240	442084	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	428931	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	15604	6.117	ng/uL	0.00
4) Pyridine-d5	3.628	84	201791	27.974	ng/ul	0.00
7) Phenol-d5	7.046	99	282251	34.316	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	169108	34.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	206262	34.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	223773	34.461	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	106182	35.224	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	117914	35.056	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	204416	35.648	ng/ul	0.00
31) 4-Chloroaniline-d4	10.852	131	246085	28.174	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	607063	33.996	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	694259	35.286	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	122993	34.551	ng/ul	0.00
60) Fluorene-d10	15.557	176	502192	34.290	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	100644	32.294	ng/ul	0.00
73) Anthracene-d10	17.422	188	768339	35.788	ng/ul	0.00
81) Pyrene-d10	19.728	212	851329	37.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	771442	35.778	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	29004	10.685	ng/uL#	93
5) Pyridine	3.646	79	202202	28.270	ng/ul	97
6) Benzaldehyde	7.011	77	170760	41.034	ng/ul	100
8) Phenol	7.075	94	268636	31.359	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.299	93	204762	30.674	ng/ul	98
12) 2-Chlorophenol	7.434	128	204389	31.777	ng/ul	98
13) 2-Methylphenol	8.334	108	200356	31.421	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	277590	31.503	ng/ul	99
16) Acetophenone	8.716	105	324339	31.295	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.705	70	176384	31.932	ng/ul	99
18) 4-Methylphenol	8.675	108	217722	31.445	ng/ul	98
19) Hexachloroethane	8.958	117	84938	31.191	ng/ul	98
22) Nitrobenzene	9.099	77	262732	32.169	ng/ul	99
23) Isophorone	9.634	82	489546	31.336	ng/ul	99
25) 2-Nitrophenol	9.816	139	120271	32.523	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	252404	31.819	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	284388	31.567	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	192869	33.092	ng/ul	98
30) Naphthalene	10.752	128	653226	31.601	ng/ul	100
32) 4-Chloroaniline	10.875	127	276268	30.287	ng/ul	98
33) Hexachlorobutadiene	11.028	225	116275	32.412	ng/ul	98
34) Caprolactam	11.675	113	68236m	30.861	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	244226	32.130	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	444912	31.595	ng/ul	97
37) 1-Methylnaphthalene	12.593	142	445887	31.587	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	211678	32.123	ng/ul	96
40) Hexachlorocyclopentadiene	12.710	237	111638	29.017	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	150015	32.064	ng/ul	94
42) 2,4,5-Trichlorophenol	13.069	196	160405	32.376	ng/ul	96
43) 1,1'-Biphenyl	13.393	154	569104	31.581	ng/ul	100
44) 2-Chloronaphthalene	13.434	162	432932	30.832	ng/ul	97
45) 2-Nitroaniline	13.651	65	167641	32.874	ng/ul	98
47) Dimethylphthalate	14.022	163	597249	31.822	ng/ul	98
48) 2,6-Dinitrotoluene	14.151	165	124883	32.871	ng/ul	99
50) Acenaphthylene	14.281	152	695814	31.657	ng/ul	100
51) 3-Nitroaniline	14.481	138	135106	33.027	ng/ul	97
52) Acenaphthene	14.622	153	489006	31.357	ng/ul	97
53) 2,4-Dinitrophenol	14.693	184	65628	24.718	ng/ul	98
55) 4-Nitrophenol	14.804	109	111462	31.588	ng/ul	96
56) Dibenzofuran	14.957	168	654890	31.783	ng/ul	100
57) 2,4-Dinitrotoluene	14.940	165	183486	33.164	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.193	232	136505	32.169	ng/ul	98
59) Diethylphthalate	15.387	149	622941	31.315	ng/ul	99
61) Fluorene	15.616	166	537998	31.266	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.604	204	252056	31.075	ng/ul	96
63) 4-Nitroaniline	15.651	138	134385	36.837	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	97336	30.216	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	464862	31.667	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	157141	32.546	ng/ul	99
69) Hexachlorobenzene	16.616	284	189995	33.663	ng/ul	93
70) Atrazine	16.787	200	164414	31.420	ng/ul	99
71) Pentachlorophenol	16.969	266	109649	30.577	ng/ul	99
72) Phenanthrene	17.363	178	859614	32.528	ng/ul	98
74) Anthracene	17.457	178	856829	32.009	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	207048	32.022	ng/uL	96
76) Pentachlorobenzene	14.875	250	201537	28.881	ng/uL	90
77) Carbazole	17.734	167	814785	32.759	ng/ul	98
78) Di-n-butylphthalate	18.292	149	1081912	30.565	ng/ul	99
80) Fluoranthene	19.386	202	966659	33.807	ng/ul	98
82) Pyrene	19.757	202	1006910	34.376	ng/ul	99
83) Butylbenzylphthalate	20.657	149	499983	33.534	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	326531	33.476	ng/ul	91
85) Benzo(a)anthracene	21.510	228	955761	32.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	711769	32.344	ng/ul	96
87) Chrysene	21.569	228	898715	32.508	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	1235301	32.746	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	955577	32.874	ng/ul	98
91) Benzo(k)fluoranthene	23.269	252	880994	31.929	ng/ul	99
93) Benzo(a)pyrene	23.851	252	792330	32.158	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.510	276	877239	31.306	ng/ul	98
95) Dibenzo(a,h)anthracene	26.527	278	793295	31.586	ng/ul	98
96) Benzo(g,h,i)perylene	27.298	276	731983	29.960	ng/ul	98

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

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