Quantitation Report (Qedit)

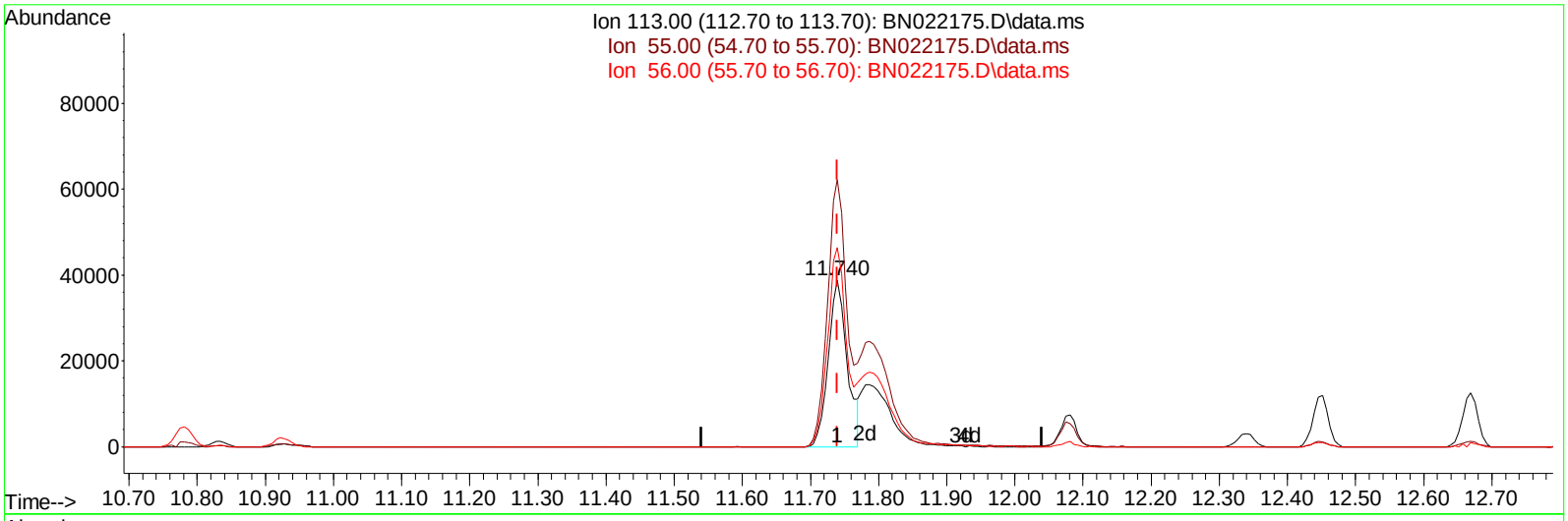
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022175.D
Acq On : 18 Oct 2022 13:42
Operator : CG/JU
Sample : PB148363BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

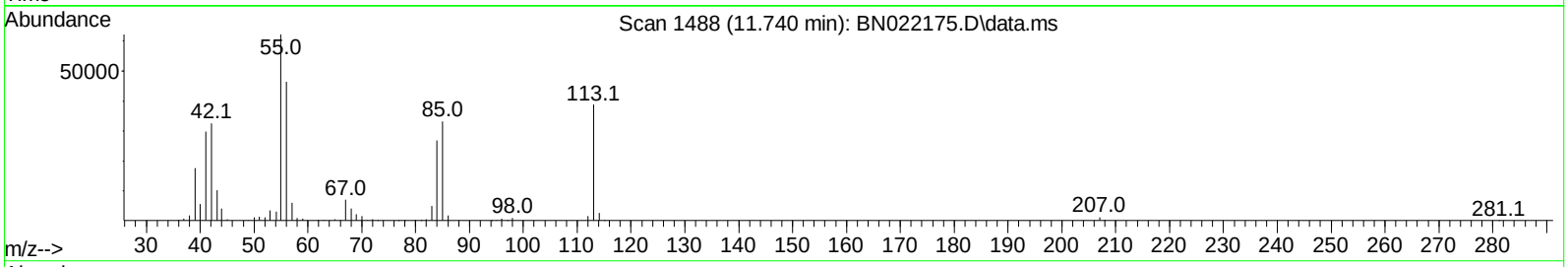
Quant Time: Oct 19 00:56:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

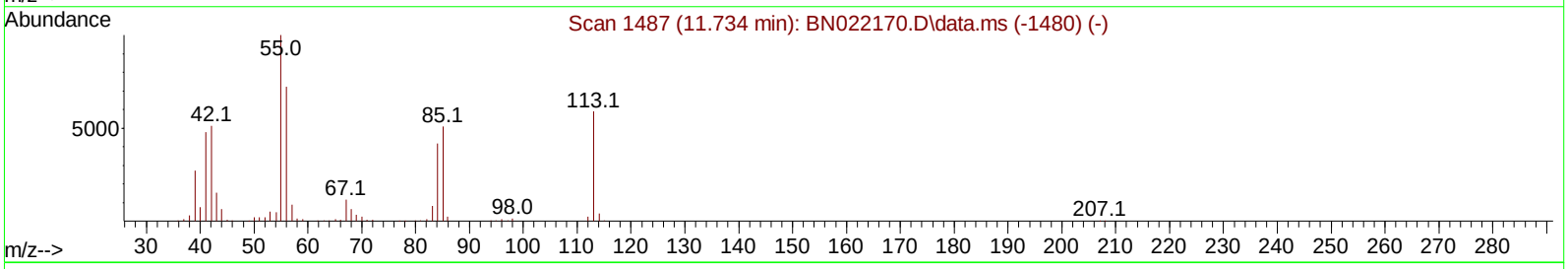
Instrument :
BNA_N
ClientSampleId :
SLCS363

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022







TIC: BN022175.D\data.ms

(34) Caprolactam

11.740min (-0.000) 19.20 ng/ul

response 75257

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	160.17
56.00	126.70	119.62
0.00	0.00	0.00

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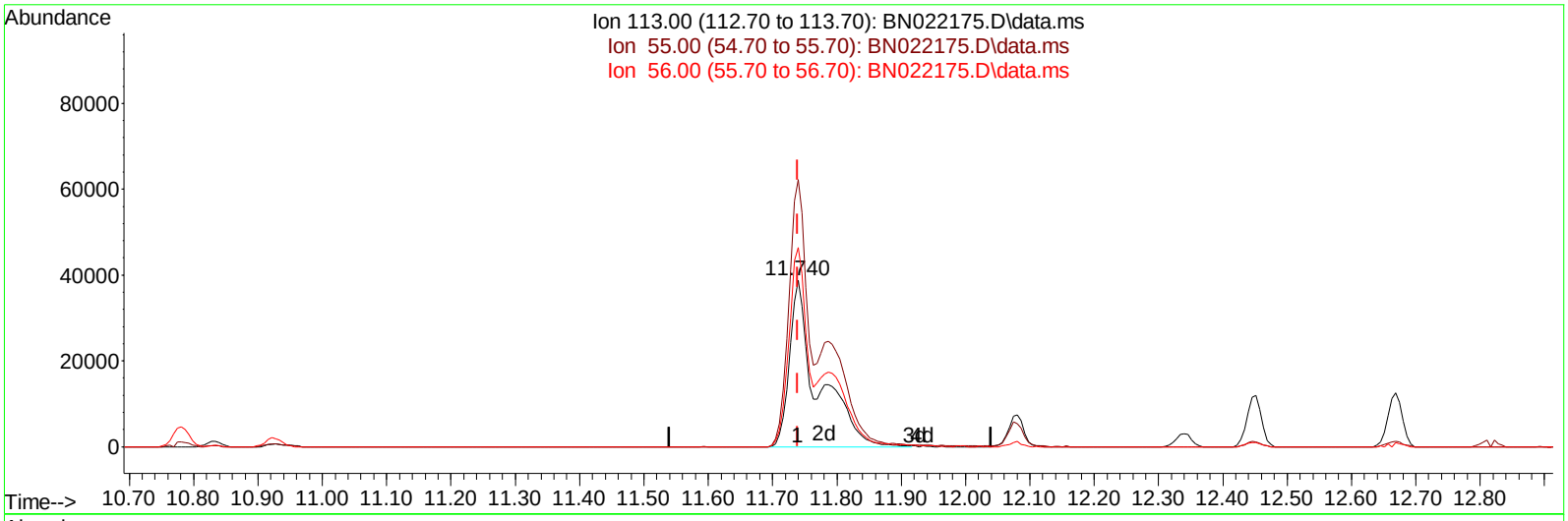

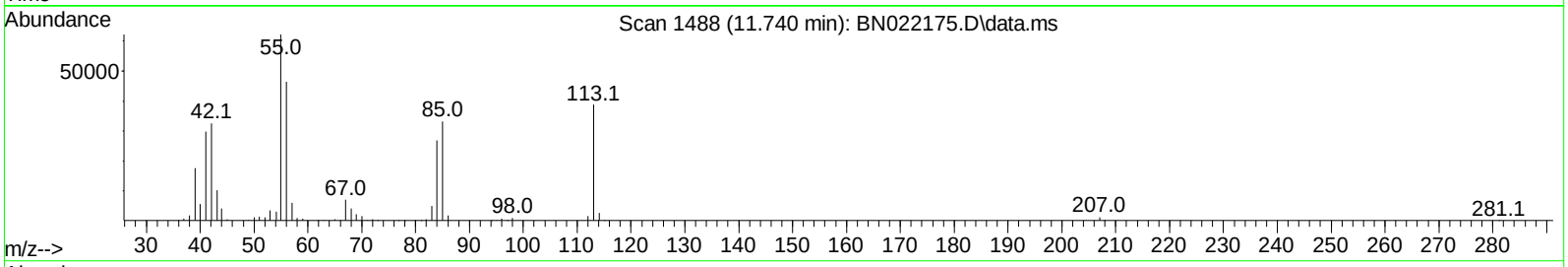

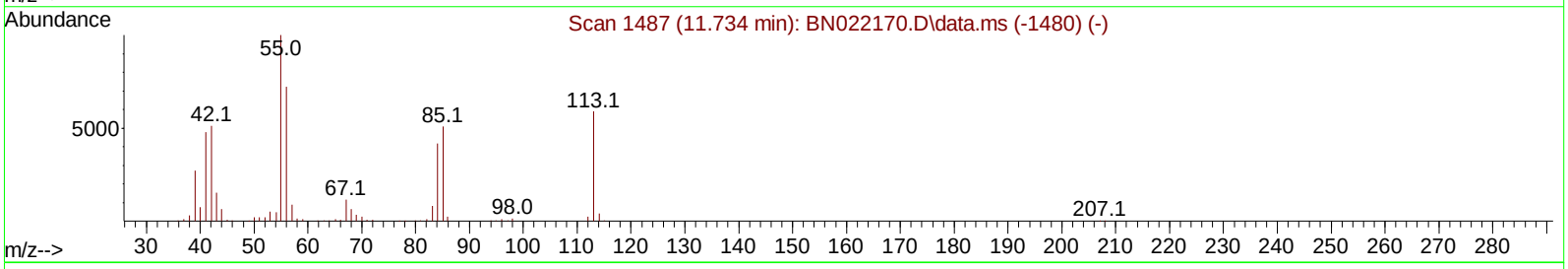

TIC: BN022175.D\data.ms

(34) Caprolactam

11.740min (-0.000) 30.41 ng/ul m

response 119216

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	160.17
56.00	126.70	119.62
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	7.952	152	145527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	685825	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	425949	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	876367	20.000	ng/ul	-0.01
79) Chrysene-d12	21.586	240	728364	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	634756	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	25370	6.607	ng/uL	0.00
4) Pyridine-d5	3.687	84	247228	20.700	ng/ul	0.00
7) Phenol-d5	7.110	99	500182	35.158	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	300680	33.728	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	373473	37.861	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	393686	34.825	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	190745	37.930	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	208592	40.469	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.398	165	365166	37.742	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.922	131	320099	20.236	ng/ul	-0.01
46) Dimethylphthalate-d6	14.039	166	1061756	35.759	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1238513	37.353	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	223980	35.341	ng/ul	0.00
60) Fluorene-d10	15.622	176	898267	35.868	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	169735	33.950	ng/ul	0.00
73) Anthracene-d10	17.486	188	1408195	36.976	ng/ul	0.00
81) Pyrene-d10	19.786	212	1477262	40.737	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1125649	36.160	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	47217	11.283	ng/uL	97
5) Pyridine	3.711	79	323949	27.341	ng/ul	95
6) Benzaldehyde	7.081	77	271403	38.631	ng/ul	99
8) Phenol	7.134	94	465640	30.836	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	356073	29.640	ng/ul	99
12) 2-Chlorophenol	7.510	128	350405	32.171	ng/ul	97
13) 2-Methylphenol	8.404	108	343631	30.437	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	495910	28.848	ng/ul	98
16) Acetophenone	8.793	105	547499	30.313	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.775	70	286877	29.821	ng/ul	98
18) 4-Methylphenol	8.740	108	386027	30.536	ng/ul	98
19) Hexachloroethane	9.040	117	137160	32.255	ng/ul	96
22) Nitrobenzene	9.175	77	432234	32.550	ng/ul	98
23) Isophorone	9.704	82	813715	31.038	ng/ul	99
25) 2-Nitrophenol	9.893	139	204156	33.562	ng/ul	99
26) 2,4-Dimethylphenol	9.951	107	409373	31.918	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.193	93	505431	30.831	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	335116	33.212	ng/ul	97
30) Naphthalene	10.834	128	1149334	31.284	ng/ul	99
32) 4-Chloroaniline	10.951	127	471963	28.782	ng/ul	98
33) Hexachlorobutadiene	11.110	225	174430	31.505	ng/ul	98
34) Caprolactam	11.740	113	119216m	30.407	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	388231	31.914	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	780261	30.753	ng/ul	97
37) 1-Methylnaphthalene	12.669	142	773820	30.457	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	363682	32.914	ng/ul	98
40) Hexachlorocyclopentadiene	12.792	237	167646	27.139	ng/ul	90
41) 2,4,6-Trichlorophenol	13.057	196	253965	33.707	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	276928	33.004	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	1008049	32.418	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	794167	32.687	ng/ul	95
45) 2-Nitroaniline	13.716	65	260154	34.563	ng/ul	98
47) Dimethylphthalate	14.086	163	987826	30.950	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	211520	35.381	ng/ul	95
50) Acenaphthylene	14.351	152	1246759	32.926	ng/ul	98
51) 3-Nitroaniline	14.539	138	237080	33.586	ng/ul	98
52) Acenaphthene	14.692	153	842940	31.392	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	105686	26.097	ng/ul	95
55) 4-Nitrophenol	14.851	109	161295	31.388	ng/ul	98
56) Dibenzofuran	15.028	168	1149234	31.364	ng/ul	96
57) 2,4-Dinitrotoluene	14.998	165	297935	34.018	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.257	232	221277	31.688	ng/ul	96
59) Diethylphthalate	15.451	149	1011448	31.200	ng/ul	98
61) Fluorene	15.681	166	921350	31.278	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.669	204	429002	31.082	ng/ul	99
63) 4-Nitroaniline	15.710	138	249992	37.956	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	159610	29.736	ng/ul	97
67) N-Nitrosodiphenylamine	15.886	169	800950	31.603	ng/ul	95
68) 4-Bromophenyl-phenylether	16.569	248	266565	34.433	ng/ul	95
69) Hexachlorobenzene	16.680	284	310251	32.922	ng/ul	93
70) Atrazine	16.845	200	250672	29.370	ng/ul	98
71) Pentachlorophenol	17.028	266	182966	31.398	ng/ul	93
72) Phenanthrene	17.427	178	1514026	32.026	ng/ul	98
74) Anthracene	17.522	178	1477998	31.476	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.422	216	376399	34.147	ng/uL	97
76) Pentachlorobenzene	14.945	250	361255	30.534	ng/uL	93
77) Carbazole	17.792	167	1410724	32.481	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1804982	33.533	ng/ul	100
80) Fluoranthene	19.451	202	1673379	36.761	ng/ul	97
82) Pyrene	19.816	202	1734040	36.411	ng/ul	98
83) Butylbenzylphthalate	20.710	149	823651	39.864	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	506292	32.141	ng/ul	97
85) Benzo(a)anthracene	21.568	228	1534289	32.966	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.486	149	1220997	40.858	ng/ul	99
87) Chrysene	21.621	228	1434255	32.068	ng/ul	95
89) Di-n-octyl phthalate	22.433	149	2078896	46.225	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1383807	34.565	ng/ul	97
91) Benzo(k)fluoranthene	23.345	252	1324070	33.476	ng/ul	99
93) Benzo(a)pyrene	23.945	252	1134453	31.705	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.645	276	1299796	29.064	ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	1118169	27.946	ng/ul	95
96) Benzo(g,h,i)perylene	27.445	276	1090885	27.113	ng/ul	99

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

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