Quantitation Report (Qedit)

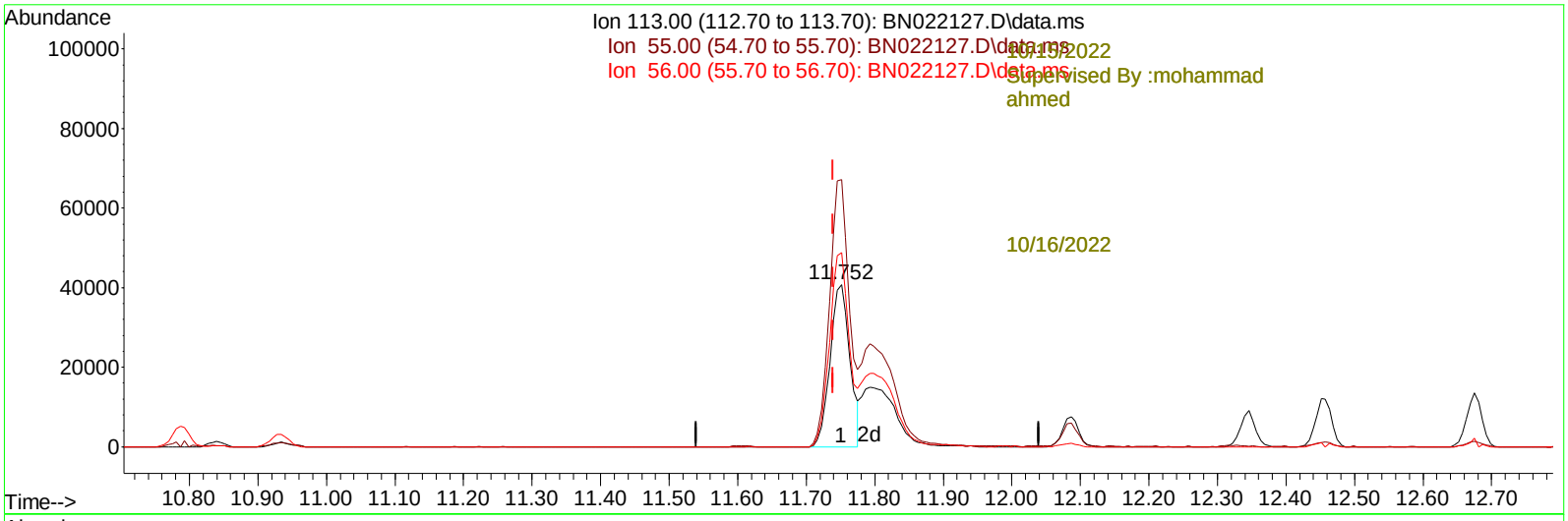
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022127.D
Acq On : 14 Oct 2022 16:51
Operator : CG/JU
Sample : PB148256BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

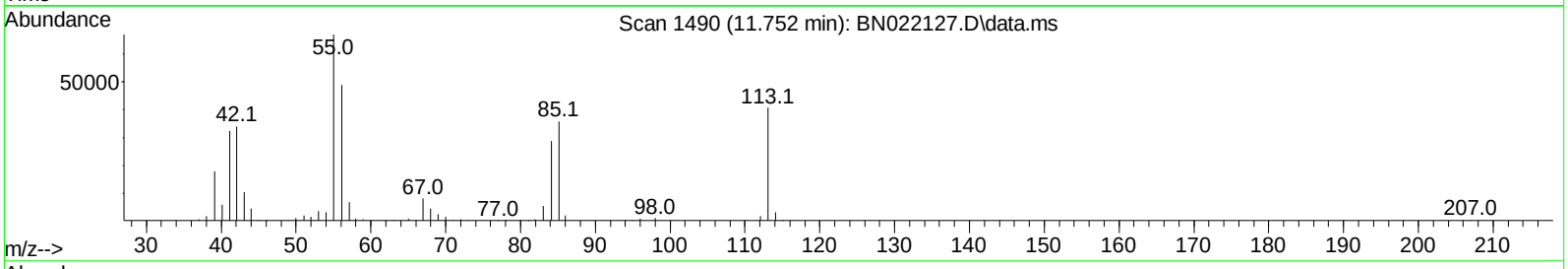
Quant Time: Oct 15 00:27:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

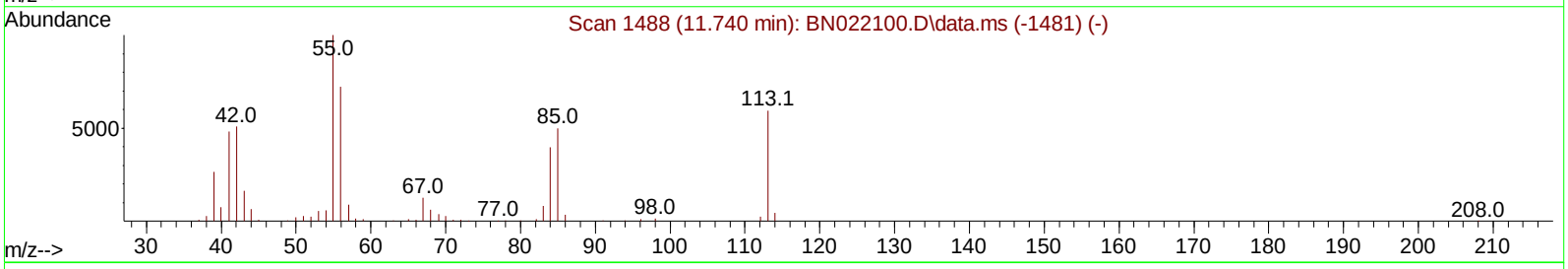
Instrument :
BNA_N
ClientSampleId :
SLCS256

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel







TIC: BN022127.D\data.ms

(34) Caprolactam

11.752min (+ 0.012) 19.03 ng/ul

response 81800

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	164.64
56.00	126.70	119.96
0.00	0.00	0.00

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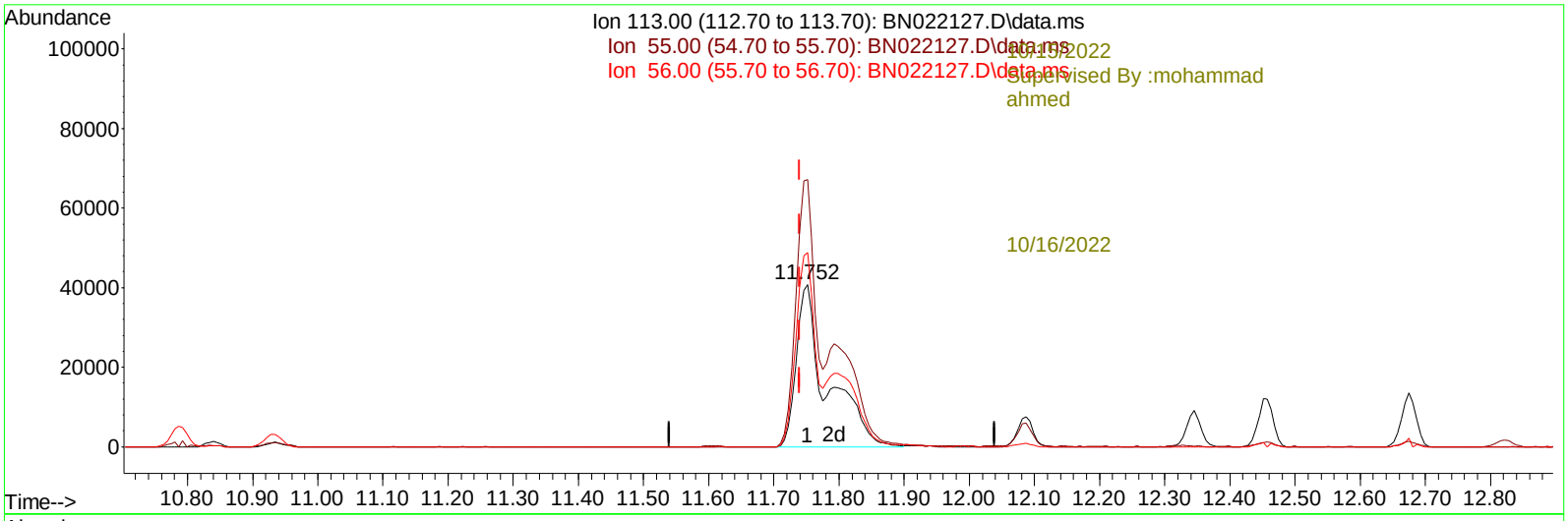

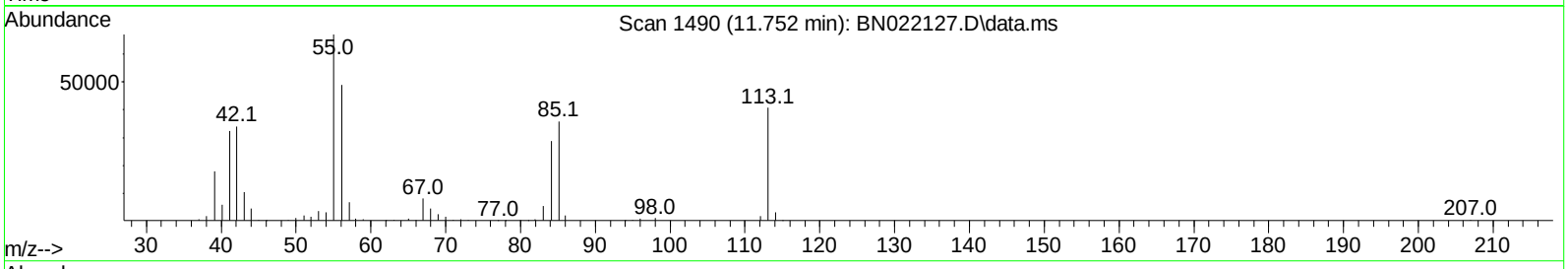

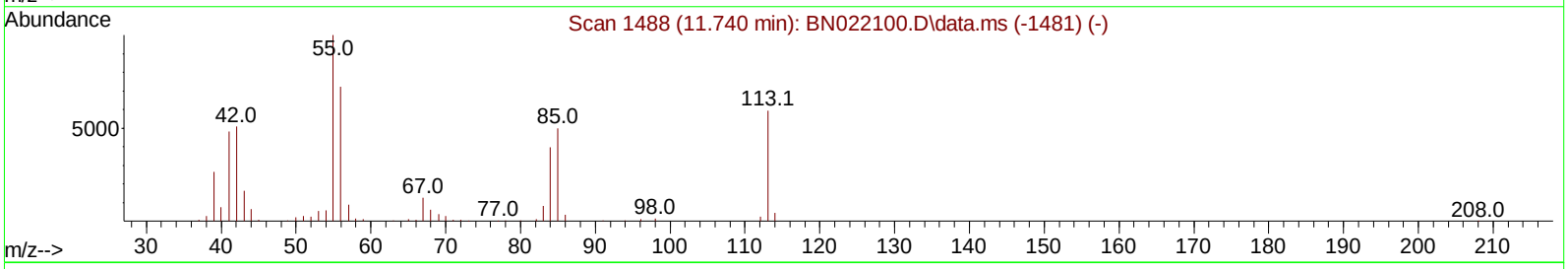

TIC: BN022127.D\data.ms

(34) Caprolactam

11.752min (+ 0.012) 30.86 ng/ul m

response 132644

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	164.64
56.00	126.70	119.96
0.00	0.00	0.00

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10/15/2022
Supervised By :mohammad ahmed
10/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	154663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	751913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	476736	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	963981	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	770304	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	684281	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	21915	5.370	ng/uL	0.00
4) Pyridine-d5	3.693	84	326282	25.705	ng/ul	0.00
7) Phenol-d5	7.116	99	485653	32.120	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	285685	30.153	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	365257	34.841	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	386600	32.178	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	190471	34.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	212083	37.530	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	366628	34.563	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	483304	27.868	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	1045801	31.469	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	1208611	32.568	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	229456	32.348	ng/ul	0.00
60) Fluorene-d10	15.628	176	870659	31.062	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	167443	30.447	ng/ul	0.00
73) Anthracene-d10	17.486	188	1336968	31.915	ng/ul	0.00
81) Pyrene-d10	19.786	212	1402393	36.567	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	1131538	33.718	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	44891	10.094	ng/uL	99
5) Pyridine	3.711	79	321609	25.540	ng/ul	98
6) Benzaldehyde	7.087	77	292882	39.225	ng/ul	99
8) Phenol	7.146	94	474692	29.579	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	368905	28.894	ng/ul	97
12) 2-Chlorophenol	7.516	128	362072	31.278	ng/ul	98
13) 2-Methylphenol	8.411	108	362785	30.235	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	494561	27.070	ng/ul	98
16) Acetophenone	8.799	105	565662	29.468	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.787	70	299205	29.265	ng/ul	96
18) 4-Methylphenol	8.746	108	395358	29.427	ng/ul	99
19) Hexachloroethane	9.046	117	146202	32.350	ng/ul	99
22) Nitrobenzene	9.181	77	444320	30.519	ng/ul	100
23) Isophorone	9.716	82	858484	29.867	ng/ul	98
25) 2-Nitrophenol	9.899	139	215687	32.341	ng/ul	98
26) 2,4-Dimethylphenol	9.957	107	417283	29.676	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.199	93	516298	28.726	ng/ul	96
29) 2,4-Dichlorophenol	10.434	162	342892	30.995	ng/ul	99
30) Naphthalene	10.840	128	1162322	28.856	ng/ul	99
32) 4-Chloroaniline	10.957	127	469102	26.093	ng/ul	99
33) Hexachlorobutadiene	11.116	225	190267	31.345	ng/ul	98
34) Caprolactam	11.752	113	132644m	30.859	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	408503	30.629	ng/ul	97

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Manual IntegrationsAPPROVED

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10/15/2022
Supervised By :mohammad ahmed
10/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	789452	28.381	ng/ul	97
37) 1-Methylnaphthalene	12.675	142	802049	28.793	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.822	216	366810	29.660	ng/ul	97
40) Hexachlorocyclopentadiene	12.799	237	169300	24.488	ng/ul	94
41) 2,4,6-Trichlorophenol	13.063	196	267752	31.751	ng/ul	99
42) 2,4,5-Trichlorophenol	13.140	196	303315	32.298	ng/ul	96
43) 1,1'-Biphenyl	13.463	154	1037332	29.806	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	812821	29.891	ng/ul	94
45) 2-Nitroaniline	13.722	65	280532	33.300	ng/ul	99
47) Dimethylphthalate	14.093	163	1011908	28.327	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	222406	33.239	ng/ul	95
50) Acenaphthylene	14.357	152	1266893	29.893	ng/ul	99
51) 3-Nitroaniline	14.545	138	248507	31.455	ng/ul	99
52) Acenaphthene	14.698	153	865939	28.813	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	119203	26.299	ng/ul	97
55) 4-Nitrophenol	14.857	109	170931	29.720	ng/ul	98
56) Dibenzofuran	15.034	168	1182492	28.834	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	325065	33.162	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.257	232	244037	31.224	ng/ul	96
59) Diethylphthalate	15.457	149	1046775	28.850	ng/ul	98
61) Fluorene	15.687	166	952543	28.892	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.675	204	428132	27.714	ng/ul	96
63) 4-Nitroaniline	15.716	138	270494	36.693	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.769	198	161712	27.389	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	825387	29.608	ng/ul	96
68) 4-Bromophenyl-phenylether	16.575	248	274963	32.289	ng/ul	94
69) Hexachlorobenzene	16.687	284	308019	29.715	ng/ul	99
70) Atrazine	16.851	200	298772	31.824	ng/ul	98
71) Pentachlorophenol	17.034	266	206776	32.259	ng/ul	93
72) Phenanthrene	17.434	178	1525446	29.335	ng/ul	97
74) Anthracene	17.522	178	1538809	29.792	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.434	216	388550	32.046	ng/uL	97
76) Pentachlorobenzene	14.951	250	365171	28.060	ng/uL	94
77) Carbazole	17.798	167	1459582	30.552	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1895902	32.021	ng/ul	99
80) Fluoranthene	19.451	202	1718615	35.699	ng/ul	97
82) Pyrene	19.822	202	1683082	33.417	ng/ul	98
83) Butylbenzylphthalate	20.716	149	883071	40.412	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.504	252	531762	31.920	ng/ul	97
85) Benzo(a)anthracene	21.569	228	1510566	30.690	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.486	149	1209288	38.263	ng/ul	96
87) Chrysene	21.627	228	1376872	29.109	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	2168502	44.728	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1360987	31.535	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1380954	32.387	ng/ul	99
93) Benzo(a)pyrene	23.951	252	1117886	28.981	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.651	276	1310439	27.181	ng/ul	96
95) Dibenzo(a,h)anthracene	26.668	278	1139080	26.408	ng/ul	99
96) Benzo(g,h,i)perylene	27.451	276	1075360	24.793	ng/ul	98

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

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10/16/2022

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