Quantitation Report (Qedit)

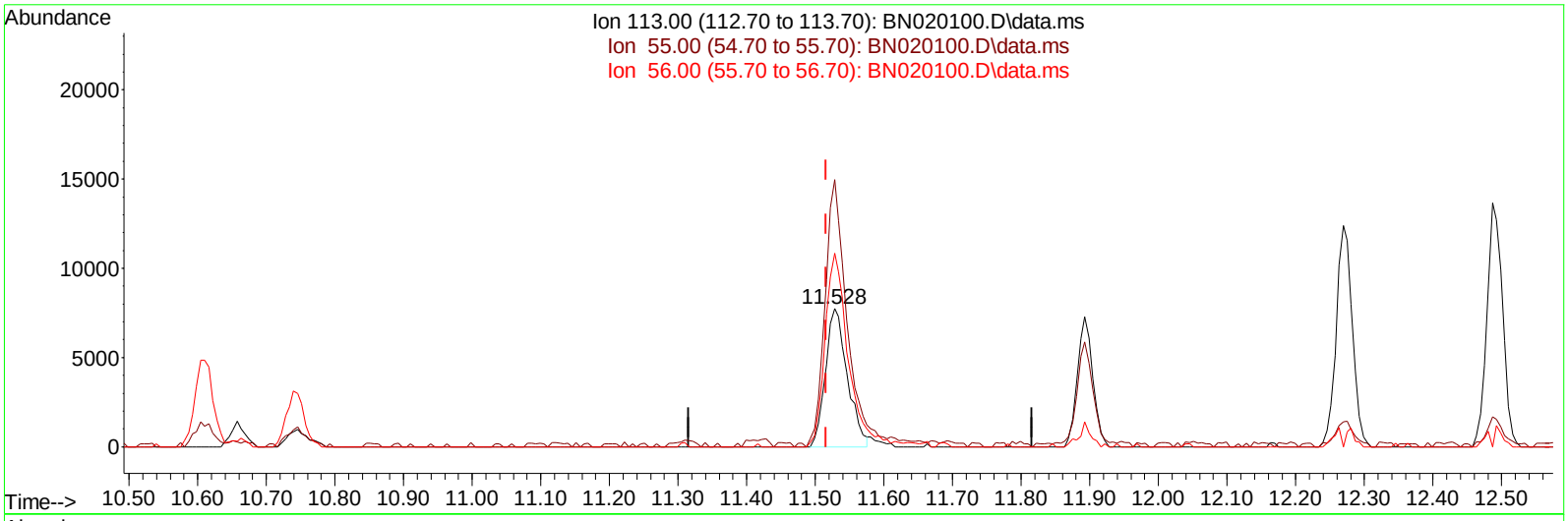
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020100.D
Acq On : 10 Jun 2022 14:54
Operator : CG/JU
Sample : N3250-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

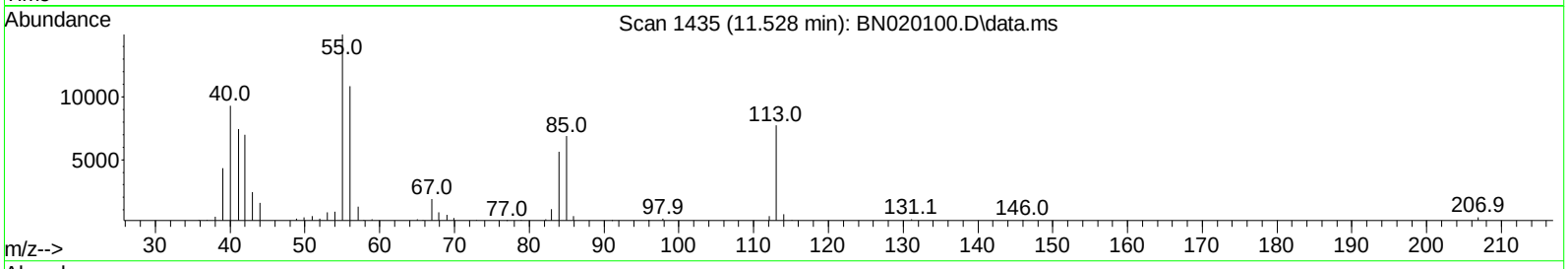
Quant Time: Jun 10 22:45:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

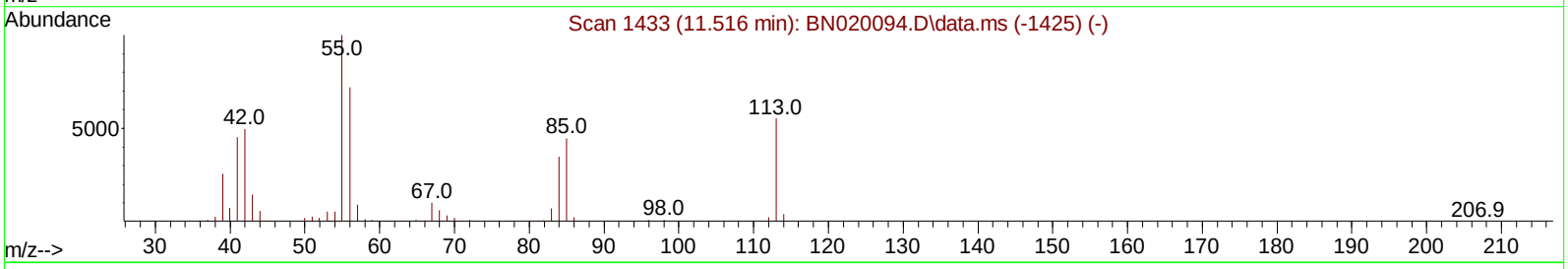
Instrument :
BNA_N
ClientSampleId :
EXYW2MSDMSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2022
Supervised By :mohammad ahmed 06/14/2022







TIC: BN020100.D\data.ms

(34) Caprolactam

11.528min (+ 0.012) 4.22 ng/ul

response 17109

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	193.54
56.00	133.10	140.17
0.00	0.00	0.00

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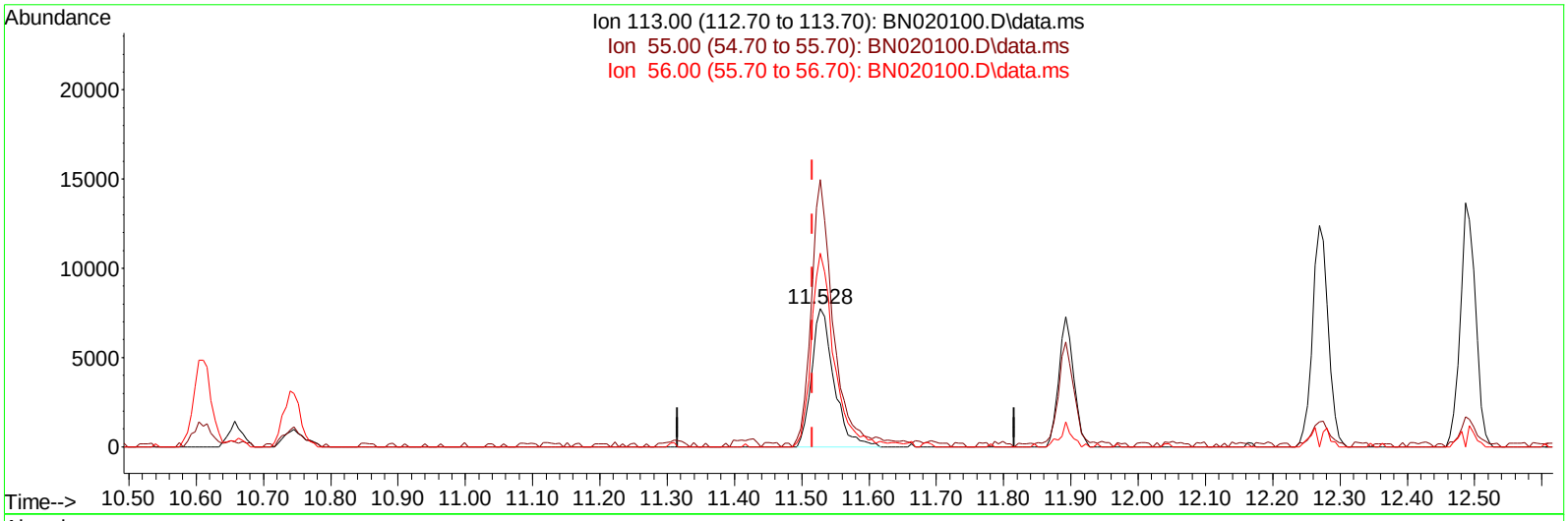

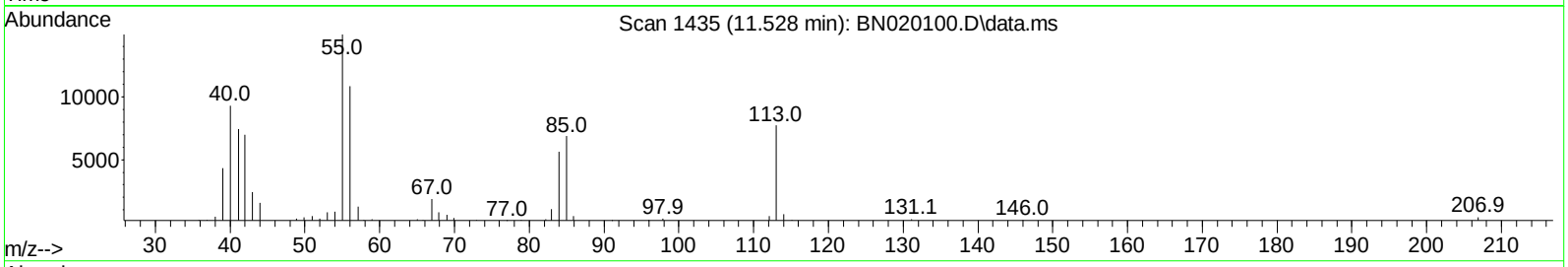

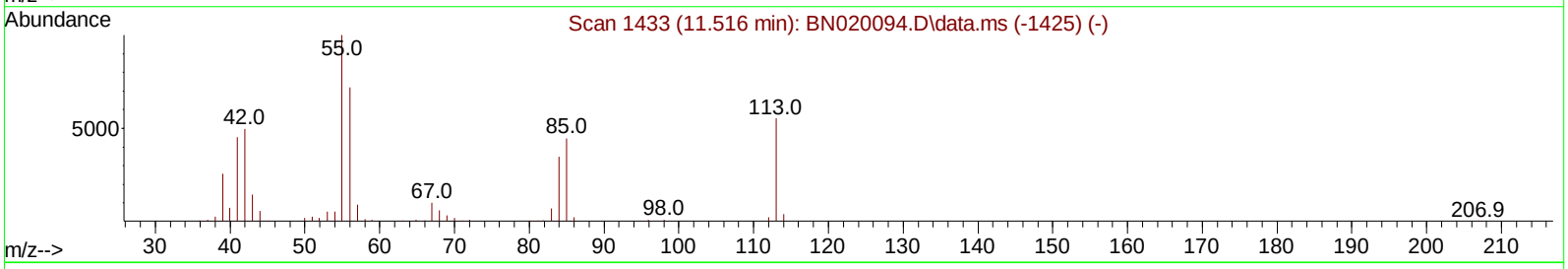

TIC: BN020100.D\data.ms

(34) Caprolactam

11.528min (+ 0.012) 4.37 ng/ul m

response 17734

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	193.54
56.00	133.10	140.17
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	7.822	152	151632	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	712321	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	450944	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	942806	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	789658	20.000	ng/ul	# 0.00
88) Perylene-d12	23.710	264	739596	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	16617	4.746	ng/uL	0.00
4) Pyridine-d5	3.687	84	92302	9.646	ng/ul	0.00
7) Phenol-d5	6.987	99	87760	6.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	244657	31.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	259321	25.437	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	185323	17.072	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	177701	32.791	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	191468	33.292	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	308432	30.720	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	461305	28.372	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1203977	36.694	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1341299	35.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	51967	7.904	ng/ul	0.00
60) Fluorene-d10	15.439	176	987854	36.383	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	200077	36.635	ng/ul	0.00
73) Anthracene-d10	17.286	188	1512650	36.763	ng/ul	0.00
81) Pyrene-d10	19.586	212	1672585	39.071	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	1408956	38.936	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	16720	4.524	ng/uL	90
5) Pyridine	3.711	79	100266	9.995	ng/ul	96
6) Benzaldehyde	6.958	77	257218	43.508	ng/ul	90
8) Phenol	7.016	94	99758	7.467	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.246	93	319905	30.592	ng/ul	99
12) 2-Chlorophenol	7.387	128	262787	24.660	ng/ul	98
13) 2-Methylphenol	8.263	108	200985	19.568	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	495901	30.242	ng/ul	97
16) Acetophenone	8.634	105	532559	32.260	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	274645	32.567	ng/ul	95
18) 4-Methylphenol	8.587	108	196521	17.335	ng/ul	97
19) Hexachloroethane	8.899	117	123340	28.765	ng/ul	89
22) Nitrobenzene	9.016	77	387779	30.862	ng/ul	93
23) Isophorone	9.540	82	803480	32.386	ng/ul	98
25) 2-Nitrophenol	9.722	139	199959	31.464	ng/ul	99
26) 2,4-Dimethylphenol	9.793	107	325619	24.732	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	467081	30.765	ng/ul	97
29) 2,4-Dichlorophenol	10.263	162	316405	30.466	ng/ul	96
30) Naphthalene	10.657	128	1143846	30.984	ng/ul	99
32) 4-Chloroaniline	10.763	127	443007	27.241	ng/ul	99
33) Hexachlorobutadiene	10.957	225	171940	28.836	ng/ul	99
34) Caprolactam	11.528	113	17734m	4.373	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	365464	29.802	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	805077	32.257	ng/ul	99
37) 1-Methylnaphthalene	12.493	142	828730	32.538	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.645	216	372418	32.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	165036	23.589	ng/ul	94
41) 2,4,6-Trichlorophenol	12.881	196	275523	34.743	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	318958	36.316	ng/ul	96
43) 1,1'-Biphenyl	13.281	154	1110773	33.265	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	842171	33.246	ng/ul	94
45) 2-Nitroaniline	13.522	65	304901	38.689	ng/ul	97
47) Dimethylphthalate	13.910	163	1173979	35.542	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	255329	39.536	ng/ul	97
50) Acenaphthylene	14.169	152	1422151	33.757	ng/ul	100
51) 3-Nitroaniline	14.351	138	254621	37.294	ng/ul	99
52) Acenaphthene	14.510	153	933281	33.915	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	118260	28.601	ng/ul	97
55) 4-Nitrophenol	14.657	109	45400	8.089	ng/ul	99
56) Dibenzofuran	14.845	168	1320873	34.071	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	374097	39.122	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	248252	36.007	ng/ul	93
59) Diethylphthalate	15.275	149	1242034	36.523	ng/ul	98
61) Fluorene	15.492	166	1028467	34.092	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	479316	34.501	ng/ul	92
63) 4-Nitroaniline	15.510	138	258644	40.541	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.575	198	193182	34.889	ng/ul#	91
67) N-Nitrosodiphenylamine	15.704	169	957479	35.425	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	299822	36.517	ng/ul	89
69) Hexachlorobenzene	16.504	284	337420	35.752	ng/ul#	91
70) Atrazine	16.657	200	350230	37.137	ng/ul	93
71) Pentachlorophenol	16.845	266	188708	32.103	ng/ul	97
72) Phenanthrene	17.233	178	1760883	35.391	ng/ul	99
74) Anthracene	17.322	178	1778415	35.547	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.251	216	409552	32.440	ng/uL	95
76) Pentachlorobenzene	14.775	250	402112	36.037	ng/uL	95
77) Carbazole	17.592	167	1707227	37.510	ng/ul	96
78) Di-n-butylphthalate	18.163	149	2182132	38.664	ng/ul	99
80) Fluoranthene	19.245	202	1985563	38.404	ng/ul#	95
82) Pyrene	19.610	202	2032692	38.321	ng/ul	95
83) Butylbenzylphthalate	20.516	149	1002176	41.981	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.298	252	529925	35.136	ng/ul#	96
85) Benzo(a)anthracene	21.363	228	1848516	37.071	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1421661	42.209	ng/ul	98
87) Chrysene	21.416	228	1824017	37.390	ng/ul	96
89) Di-n-octyl phthalate	22.204	149	2556112	42.463	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1814679	39.094	ng/ul#	97
91) Benzo(k)fluoranthene	23.051	252	1725152	39.042	ng/ul	98
93) Benzo(a)pyrene	23.610	252	1656311	36.863	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.104	276	1602040	34.655	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.121	278	1392829	35.274	ng/ul	95
96) Benzo(g,h,i)perylene	26.833	276	1373674	35.187	ng/ul	95

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

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