Quantitation Report (Qedit)

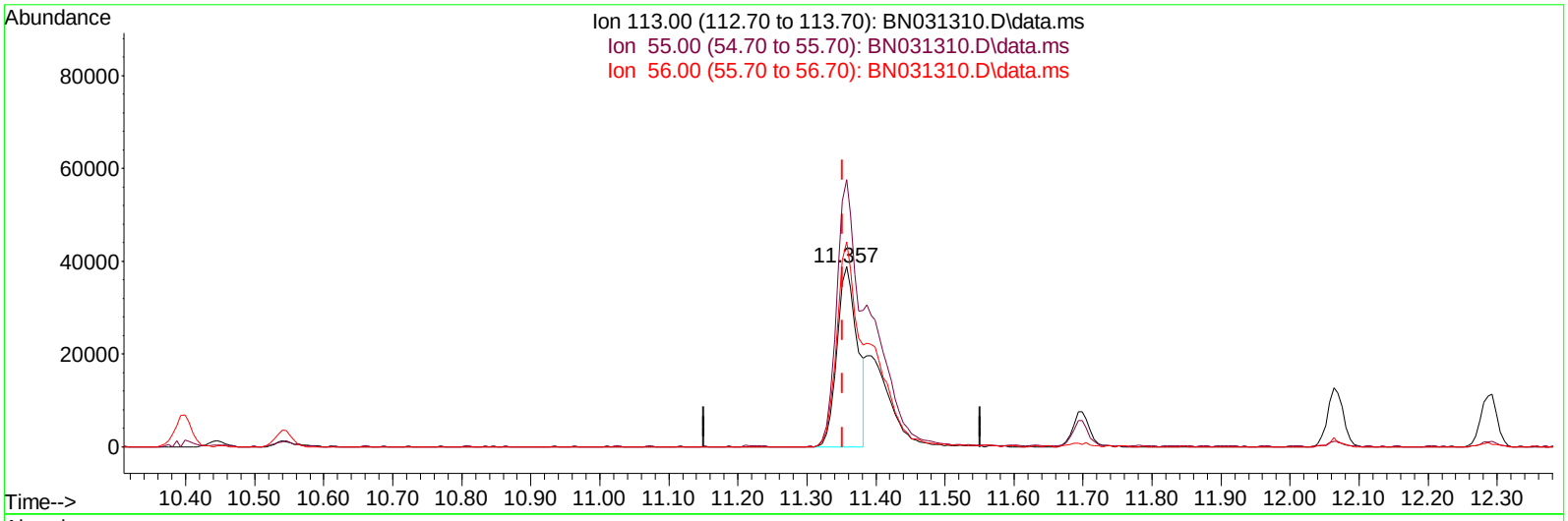
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042924\
Data File : BN031310.D
Acq On : 29 Apr 2024 17:04
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

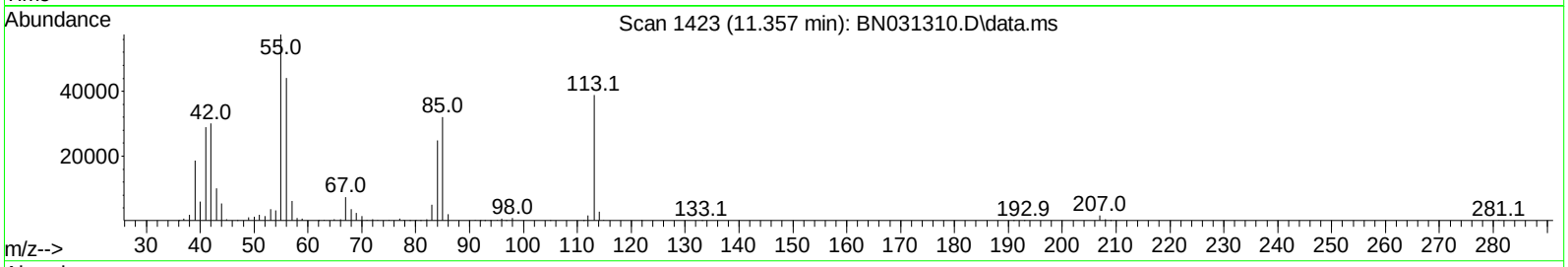
Quant Time: Apr 29 17:33:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 29 16:19:32 2024
Response via : Initial Calibration

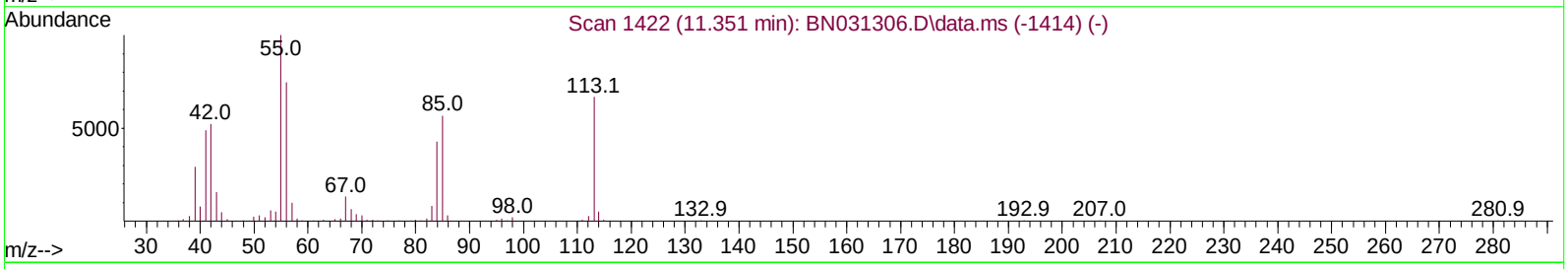
Instrument :
BNA_N
ClientSampleId :
SICV230

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BN031310.D\data.ms

(34) Caprolactam

11.357min (+ 0.006) 14.51 ng/ul

response 79338

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	148.14
56.00	112.00	113.70
0.00	0.00	0.00

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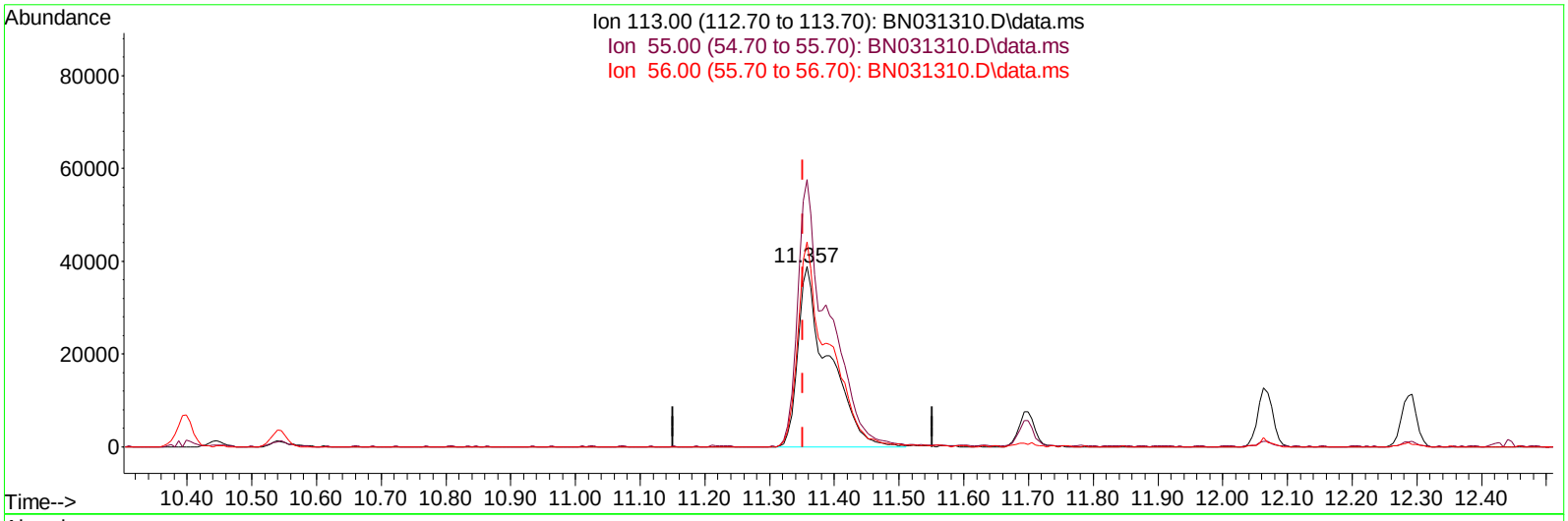

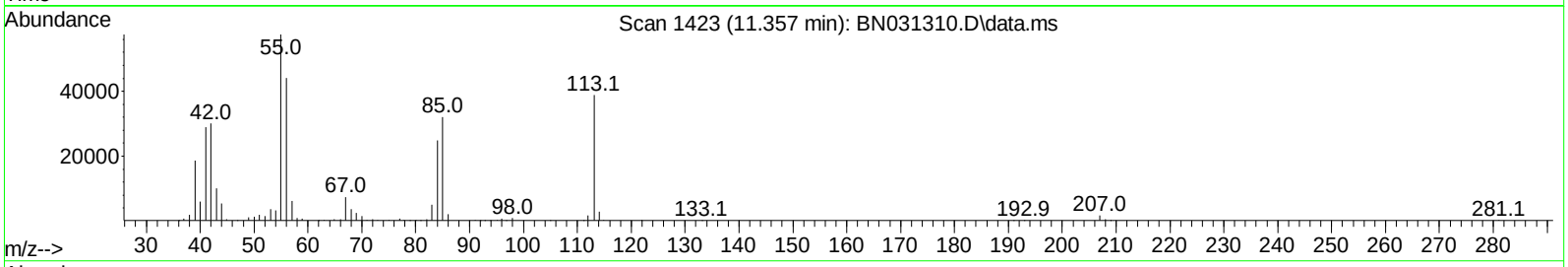

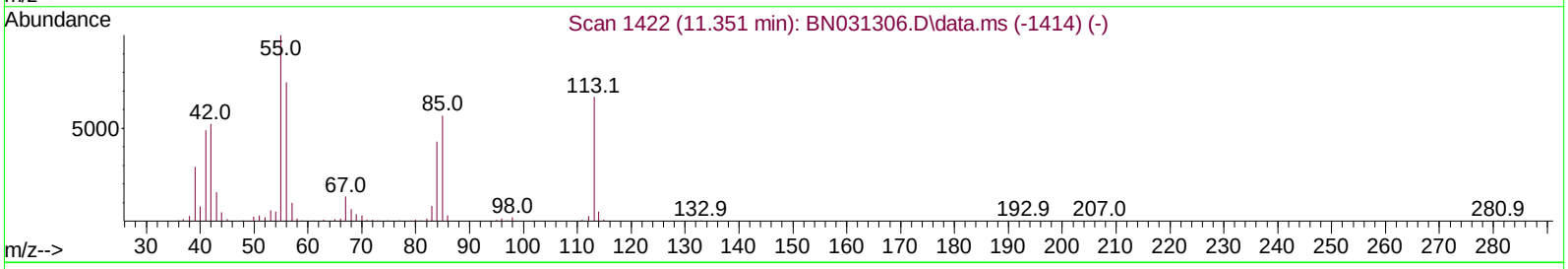

TIC: BN031310.D\data.ms

(34) Caprolactam

11.357min (+ 0.006) 23.33 ng/ul m

response 127569

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	148.14
56.00	112.00	113.70
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.617	152	234899	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	1076366	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	714498	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1549100	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1312735	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1235073	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	39798	7.888	ng/uL	0.00
4) Pyridine-d5	3.540	84	321397	22.245	ng/ul	0.00
7) Phenol-d5	6.793	99	427005	22.590	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	266339	24.065	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	340069	22.489	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	366444	23.394	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	179892	23.190	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	197215	23.622	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	363862	23.470	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	531351	23.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1100420	23.361	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1247182	22.819	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	214291	25.068	ng/ul	0.00
60) Fluorene-d10	15.263	176	931305	23.153	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.393	200	174417	21.895	ng/ul	0.00
73) Anthracene-d10	17.116	188	1433272	22.419	ng/ul	0.00
81) Pyrene-d10	19.422	212	1666591	20.846	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1286786	22.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	39979	7.280	ng/uL	92
5) Pyridine	3.558	79	279168	19.234	ng/ul	97
6) Benzaldehyde	6.769	77	225877	23.801	ng/ul	98
8) Phenol	6.822	94	423797	22.060	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.052	93	334139	21.485	ng/ul	99
12) 2-Chlorophenol	7.181	128	347053	22.073	ng/ul	97
13) 2-Methylphenol	8.064	108	321851	21.571	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	436051	21.248	ng/ul	99
16) Acetophenone	8.440	105	546534	23.466	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	271296	22.187	ng/ul	98
18) 4-Methylphenol	8.393	108	364021	22.291	ng/ul	95
19) Hexachloroethane	8.681	117	134450	21.134	ng/ul	99
22) Nitrobenzene	8.816	77	390071	21.430	ng/ul	99
23) Isophorone	9.340	82	760493	21.410	ng/ul	100
25) 2-Nitrophenol	9.522	139	207183	22.747	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	303782	17.743	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.822	93	469844	21.030	ng/ul	99
29) 2,4-Dichlorophenol	10.052	162	344300	22.495	ng/ul	98
30) Naphthalene	10.446	128	1141261	21.576	ng/ul	99
32) 4-Chloroaniline	10.569	127	490966	22.823	ng/ul	99
33) Hexachlorobutadiene	10.722	225	198738	21.966	ng/ul	96
34) Caprolactam	11.357	113	127569m	23.332	ng/ul	
35) 4-Chloro-3-methylphenol	11.699	107	399785	22.740	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	817014	22.278	ng/ul	92
37) 1-Methylnaphthalene	12.287	142	756895	20.403	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	412015	22.342	ng/ul	95
40) Hexachlorocyclopentadiene	12.410	237	158713	15.375	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	280722	22.142	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	303675	21.963	ng/ul	97
43) 1,1'-Biphenyl	13.093	154	1065790	21.962	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	829782	21.650	ng/ul	99
45) 2-Nitroaniline	13.351	65	252627	23.270	ng/ul	99
47) Dimethylphthalate	13.734	163	1057326	21.907	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	229398	24.359	ng/ul	97
50) Acenaphthylene	13.987	152	1365272	21.951	ng/ul	99
51) 3-Nitroaniline	14.187	138	259787	25.614	ng/ul	95
52) Acenaphthene	14.328	153	862686	20.909	ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	116092	21.571	ng/ul	89
55) 4-Nitrophenol	14.498	109	166311	24.299	ng/ul	99
56) Dibenzofuran	14.669	168	1265849	22.594	ng/ul	97
57) 2,4-Dinitrotoluene	14.646	165	325047	23.534	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.898	232	263609	22.810	ng/ul	96
59) Diethylphthalate	15.104	149	1069583	21.988	ng/ul	99
61) Fluorene	15.322	166	982507	21.996	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.316	204	466923	21.669	ng/ul	99
63) 4-Nitroaniline	15.357	138	247345	26.633	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.410	198	189439	22.184	ng/ul	95
67) N-Nitrosodiphenylamine	15.534	169	882933	21.452	ng/ul	97
68) 4-Bromophenyl-phenylether	16.216	248	296906	20.487	ng/ul	98
69) Hexachlorobenzene	16.316	284	343146	20.533	ng/ul	97
70) Atrazine	16.493	200	296740	22.195	ng/ul	98
71) Pentachlorophenol	16.669	266	229671	22.698	ng/ul	96
72) Phenanthrene	17.057	178	1585200	20.678	ng/ul	100
74) Anthracene	17.151	178	1587351	20.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.052	216	414011	21.100	ng/uL	99
76) Pentachlorobenzene	14.581	250	397967	20.681	ng/uL	97
77) Carbazole	17.428	167	1552560	23.186	ng/ul	100
78) Di-n-butylphthalate	17.992	149	1885140	21.724	ng/ul	100
80) Fluoranthene	19.081	202	1887635	19.695	ng/ul	99
82) Pyrene	19.451	202	1926965	19.709	ng/ul	99
83) Butylbenzylphthalate	20.363	149	847317	20.743	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.175	252	606098	25.805	ng/ul	95
85) Benzo(a)anthracene	21.239	228	1771844	20.682	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1182171	21.997	ng/ul	96
87) Chrysene	21.298	228	1705545	21.248	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	2004955	21.910	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1603491	21.424	ng/ul	95
91) Benzo(k)fluoranthene	23.292	252	1582472	21.499	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1450441	21.666	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.380	276	1570531	20.705	ng/ul	99
95) Dibenzo(a,h)anthracene	27.445	278	1267196	20.111	ng/ul	99
96) Benzo(g,h,i)perylene	28.398	276	1169366	19.112	ng/ul	97

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

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