Quantitation Report (Qedit)

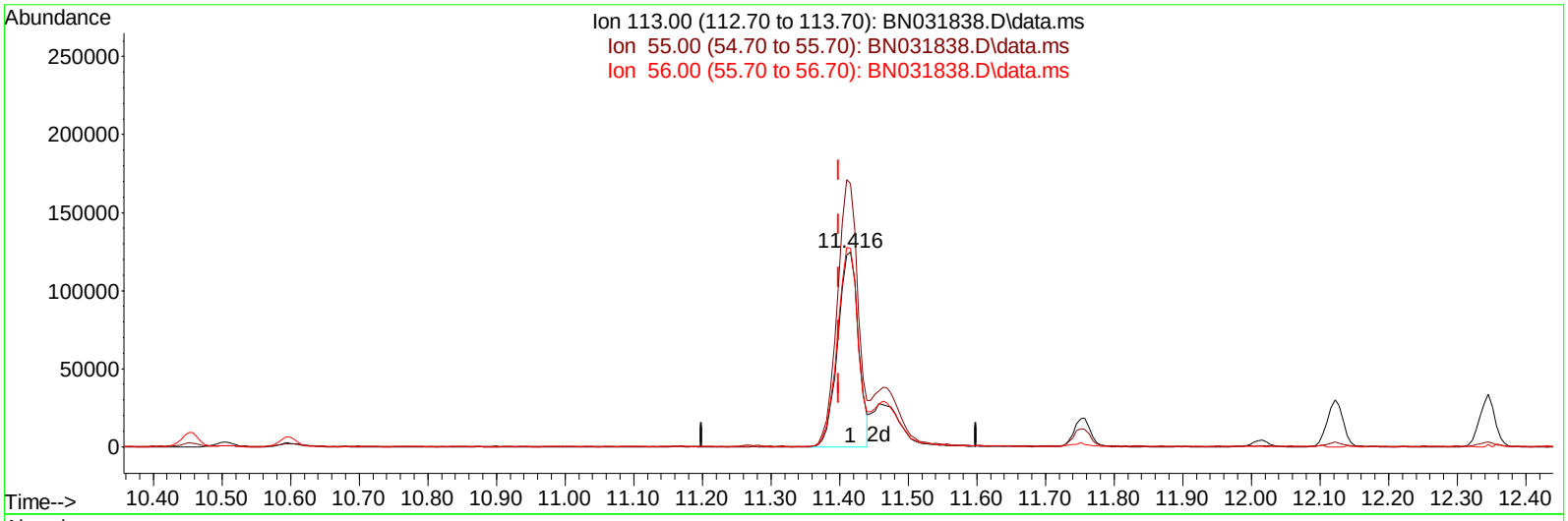
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031838.D
Acq On : 07 Jun 2024 03:46
Operator : MA/JU
Sample : PB161173BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

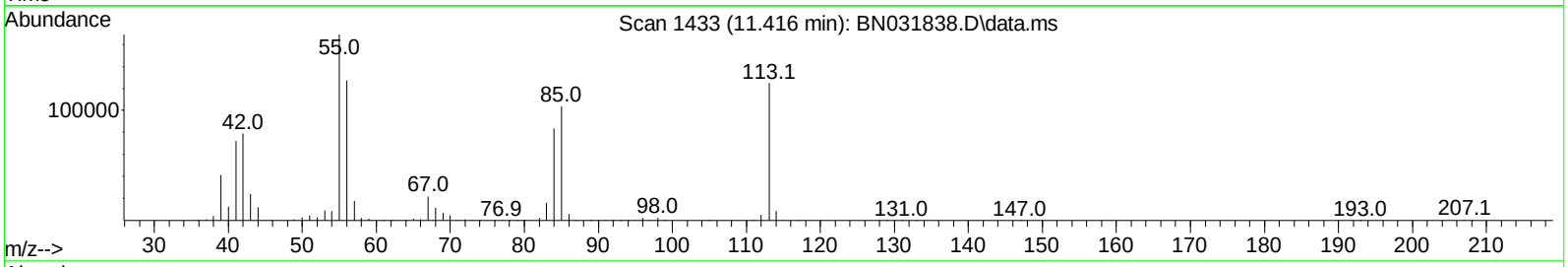
Quant Time: Jun 07 04:15:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

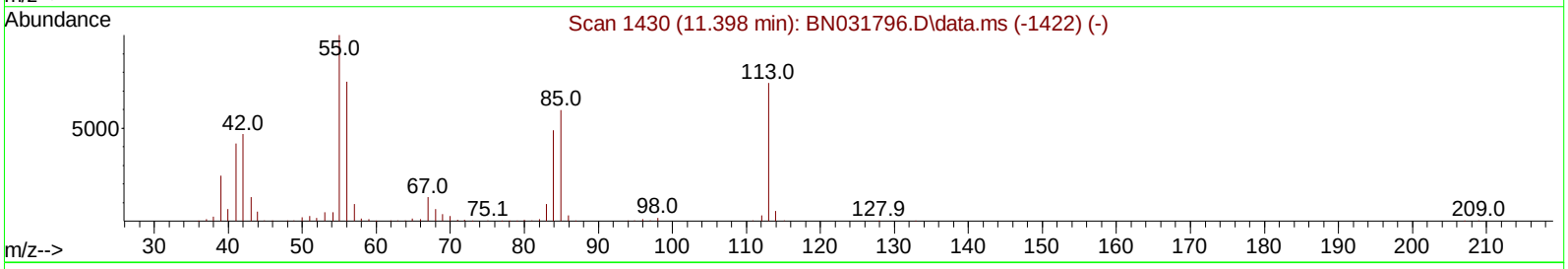
Instrument :
BNA_N
ClientSampleId :
SLCS173

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024







TIC: BN031838.D\data.ms

(34) Caprolactam

11.416min (+ 0.017) 27.92 ng/ul

response 259600

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	135.35
56.00	111.70	102.01
0.00	0.00	0.00

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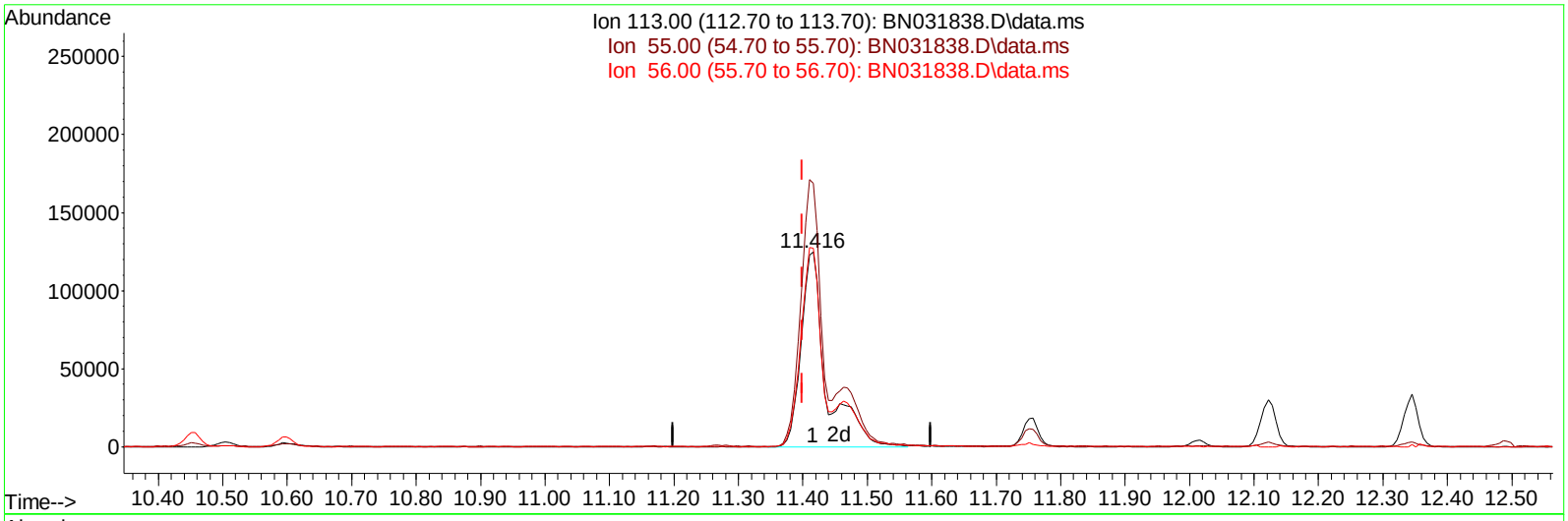

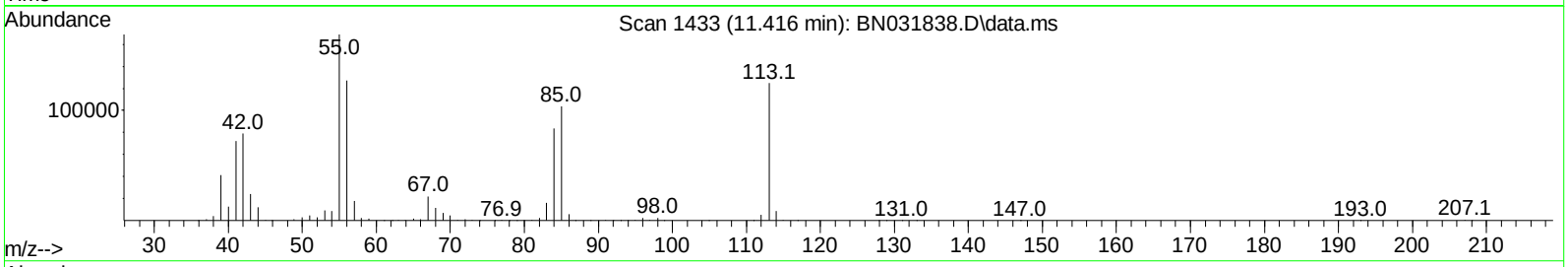

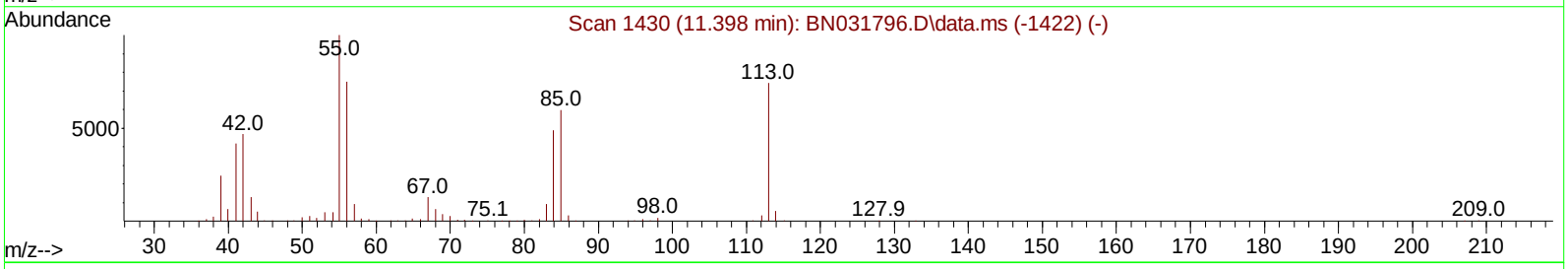

TIC: BN031838.D\data.ms

(34) Caprolactam

11.416min (+ 0.017) 36.65 ng/ul m

response 340872

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	135.35
56.00	111.70	102.01
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	7.669	152	386258	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.457	136	1636421	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	979408	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1905439	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1144663	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1306749	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	63022	6.750	ng/uL	0.00
4) Pyridine-d5	3.587	84	913781	34.768	ng/ul	-0.01
7) Phenol-d5	6.852	99	1223952	36.963	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	660508	34.102	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.204	132	970594	38.415	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113	917482	33.991	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	476948	38.119	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	519467	40.191	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	889420	36.861	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	1238574	34.572	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	2425836	35.553	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	2888816	36.821	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	504909	36.959	ng/ul	0.00
60) Fluorene-d10	15.316	176	2040424	35.343	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	354067	36.968	ng/ul	0.00
73) Anthracene-d10	17.163	188	3016175	36.974	ng/ul	0.00
81) Pyrene-d10	19.463	212	2802768	45.757	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2386907	38.253	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	141028	14.117	ng/uL	98
5) Pyridine	3.605	79	948755	36.103	ng/ul	99
6) Benzaldehyde	6.822	77	711446	45.807	ng/ul	99
8) Phenol	6.875	94	1310679	38.893	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.104	93	999177	35.857	ng/ul	98
12) 2-Chlorophenol	7.240	128	1021584	38.638	ng/ul	99
13) 2-Methylphenol	8.116	108	955178	36.698	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1072463	33.434	ng/ul	99
16) Acetophenone	8.499	105	1478134	36.134	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.487	70	709157	33.455	ng/ul	95
18) 4-Methylphenol	8.446	108	1048503	37.161	ng/ul	100
19) Hexachloroethane	8.740	117	406369	36.295	ng/ul	95
22) Nitrobenzene	8.875	77	1098495	36.849	ng/ul	98
23) Isophorone	9.398	82	2066896	33.800	ng/ul	100
25) 2-Nitrophenol	9.575	139	568303	40.245	ng/ul	98
26) 2,4-Dimethylphenol	9.640	107	779793	28.387	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.875	93	1291529	33.888	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	921569	38.681	ng/ul	98
30) Naphthalene	10.504	128	3110596	36.729	ng/ul	99
32) 4-Chloroaniline	10.622	127	1155830	33.231	ng/ul	99
33) Hexachlorobutadiene	10.781	225	529727	37.020	ng/ul	99
34) Caprolactam	11.416	113	340872m	36.655	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	1036065	37.204	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	2062271	35.625	ng/ul	98
37) 1-Methylnaphthalene	12.345	142	2083420	35.869	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.492	216	1045221	40.353	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	285361	19.115	ng/ul	94
41) 2,4,6-Trichlorophenol	12.739	196	701946	39.927	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	779918	40.823	ng/ul	98
43) 1,1'-Biphenyl	13.145	154	2620326	38.036	ng/ul	97
44) 2-Chloronaphthalene	13.187	162	2043197	37.867	ng/ul	99
45) 2-Nitroaniline	13.398	65	626068	40.028	ng/ul	95
47) Dimethylphthalate	13.781	163	2511573	35.992	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	551064	39.729	ng/ul	98
50) Acenaphthylene	14.039	152	3337586	37.642	ng/ul	99
51) 3-Nitroaniline	14.234	138	639748	43.138	ng/ul	99
52) Acenaphthene	14.381	153	2167850	36.952	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	258312	36.889	ng/ul	98
55) 4-Nitrophenol	14.551	109	383959	37.887	ng/ul	95
56) Dibenzofuran	14.716	168	2995563	37.582	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	796361	39.128	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.945	232	609731	38.154	ng/ul	94
59) Diethylphthalate	15.151	149	2529131	35.124	ng/ul	99
61) Fluorene	15.369	166	2422060	37.735	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.363	204	1147912	36.924	ng/ul	99
63) 4-Nitroaniline	15.398	138	670422	47.488	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	408770	40.148	ng/ul	99
67) N-Nitrosodiphenylamine	15.581	169	2134138	40.634	ng/ul	98
68) 4-Bromophenyl-phenylether	16.257	248	714563	38.704	ng/ul	98
69) Hexachlorobenzene	16.369	284	836704	39.987	ng/ul	91
70) Atrazine	16.539	200	619003	37.327	ng/ul	99
71) Pentachlorophenol	16.716	266	498507	37.237	ng/ul	95
72) Phenanthrene	17.110	178	3762129	38.759	ng/ul	97
74) Anthracene	17.198	178	3714422	37.766	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.104	216	1017832	41.501	ng/uL	97
76) Pentachlorobenzene	14.634	250	999806	41.854	ng/uL	98
77) Carbazole	17.475	167	3414305	40.712	ng/ul	98
78) Di-n-butylphthalate	18.039	149	4334853	37.570	ng/ul	100
80) Fluoranthene	19.127	202	3658483	49.977	ng/ul	99
82) Pyrene	19.492	202	3714157	49.452	ng/ul	98
83) Butylbenzylphthalate	20.398	149	1656077	46.684	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.210	252	900917	41.043	ng/ul	95
85) Benzo(a)anthracene	21.280	228	3033096	39.588	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	2295624	44.393	ng/ul	98
87) Chrysene	21.345	228	2835296	39.618	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	3513292	40.159	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	3005969	38.485	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	3055537	39.866	ng/ul	99
93) Benzo(a)pyrene	24.104	252	2587580	35.371	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	3697902	43.867	ng/ul	98
95) Dibenzo(a,h)anthracene	27.609	278	3021042	43.896	ng/ul	96
96) Benzo(g,h,i)perylene	28.580	276	2908021	43.396	ng/ul	98

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

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