Quantitation Report (Qedit)

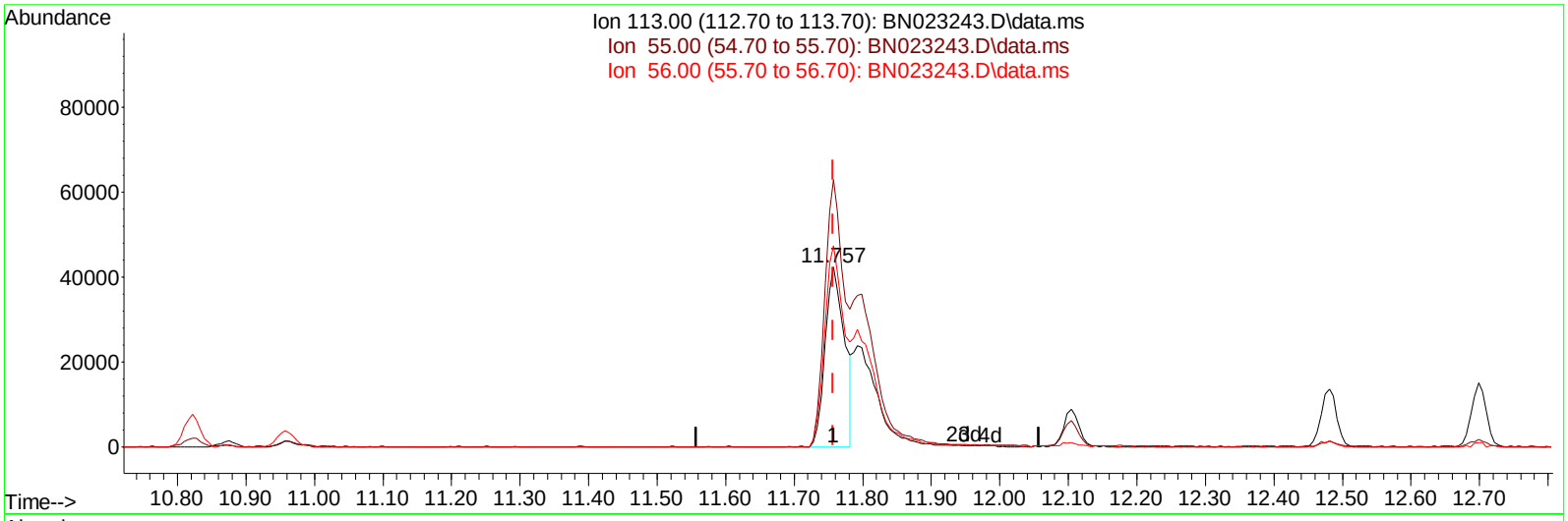
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023243.D
Acq On : 16 Dec 2022 17:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

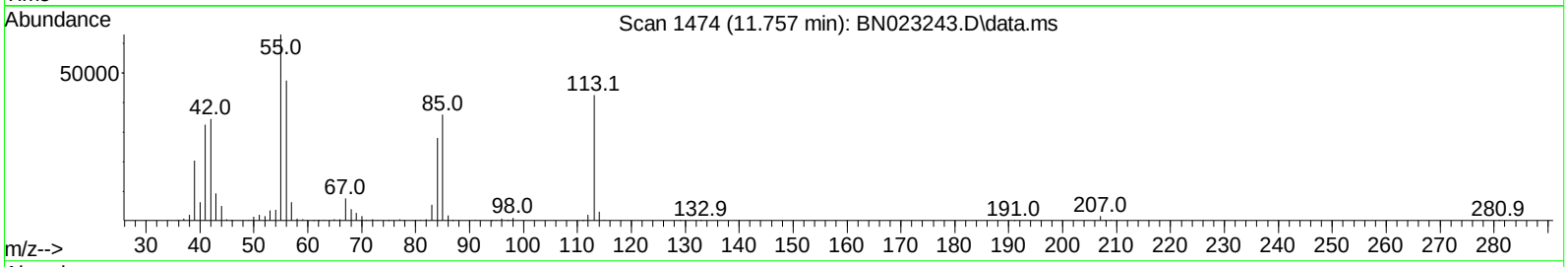
Quant Time: Dec 16 21:44:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration

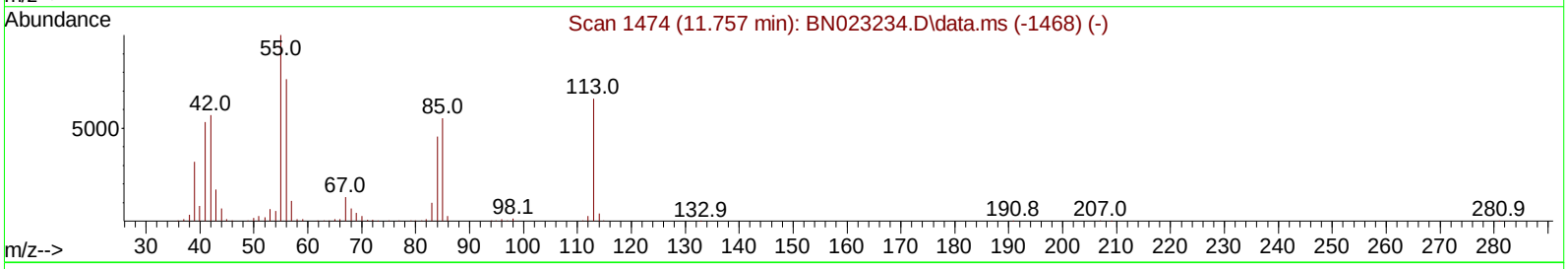
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022







TIC: BN023243.D\data.ms

(34) Caprolactam

11.757min (+ 0.000) 11.54 ng/ul

response 82757

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	148.33
56.00	114.60	111.79
0.00	0.00	0.00

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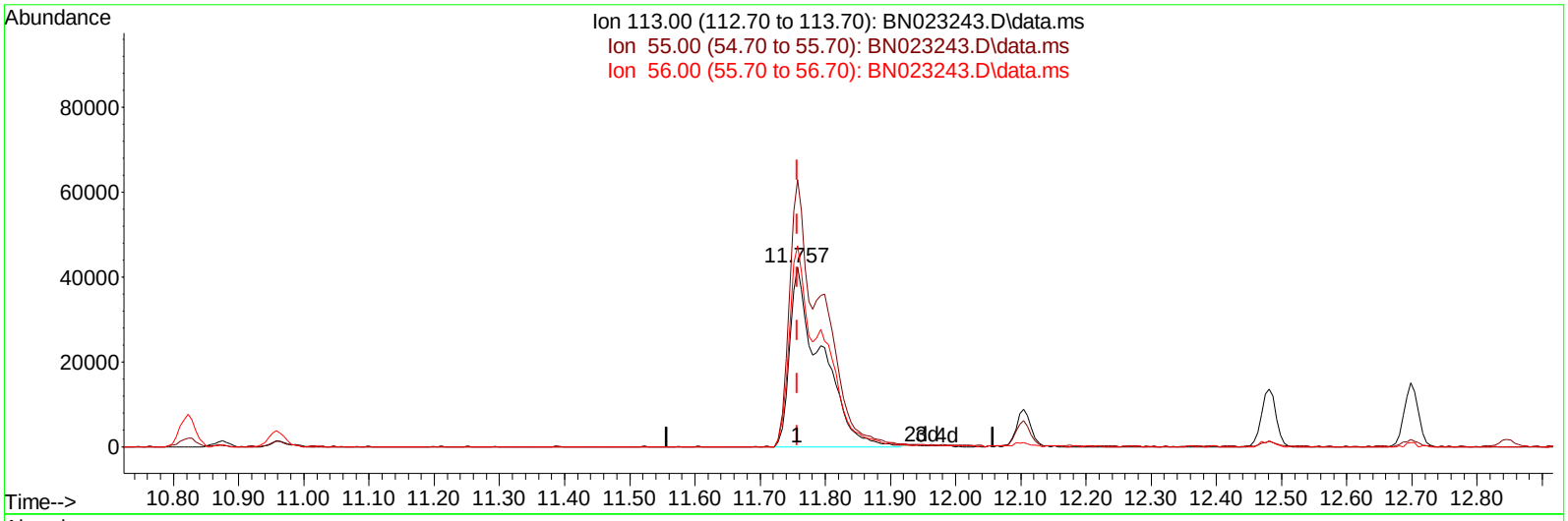

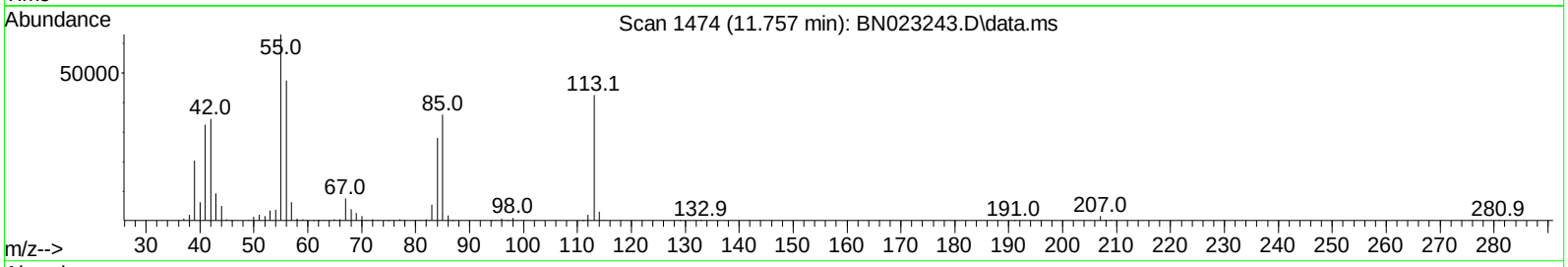

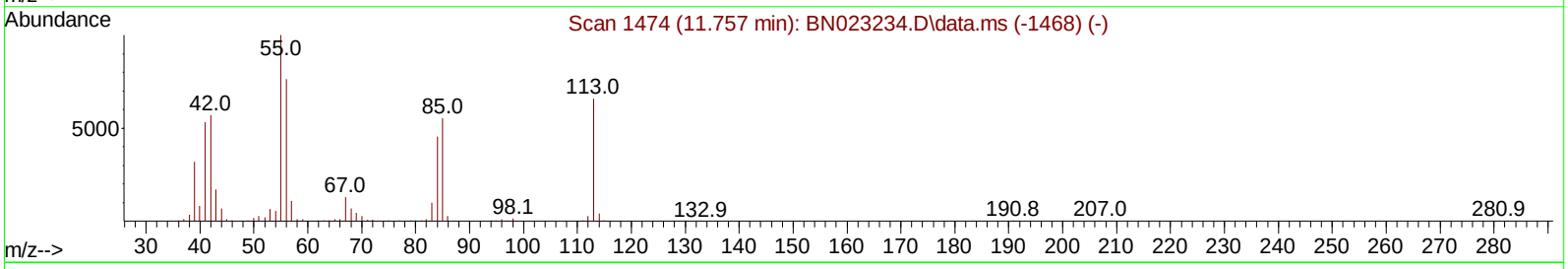

TIC: BN023243.D\data.ms

(34) Caprolactam

11.757min (+ 0.000) 19.86 ng/ul m

response 142360

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.60	148.33
56.00	114.60	111.79
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	8.005	152	253926	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1212931	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	815776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1878403	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1800196	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1861313	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	46447	7.568	ng/uL	0.00
4) Pyridine-d5	3.775	84	350311	19.336	ng/ul	0.00
7) Phenol-d5	7.158	99	452726	19.170	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	273061	19.869	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	366689	20.605	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	380380	20.060	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	192082	20.497	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	206030	20.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	389139	20.884	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	617614	20.599	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1236200	20.221	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1425397	20.791	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	262174	19.201	ng/ul	0.00
60) Fluorene-d10	15.645	176	1062397	20.401	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	210495	19.037	ng/ul	0.00
73) Anthracene-d10	17.498	188	1716393	20.389	ng/ul	0.00
81) Pyrene-d10	19.792	212	2003091	20.455	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1904698	20.877	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	49571	7.793	ng/uL	94
5) Pyridine	3.793	79	358477	19.364	ng/ul	99
6) Benzaldehyde	7.134	77	182022	21.517	ng/ul	97
8) Phenol	7.187	94	467032	19.577	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	370595	20.001	ng/ul	99
12) 2-Chlorophenol	7.558	128	378442	20.706	ng/ul	98
13) 2-Methylphenol	8.446	108	361894	19.938	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	471309	20.084	ng/ul	100
16) Acetophenone	8.834	105	601593	20.969	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	305394	21.258	ng/ul	98
18) 4-Methylphenol	8.781	108	409189	20.315	ng/ul	99
19) Hexachloroethane	9.093	117	147389	20.938	ng/ul	92
22) Nitrobenzene	9.216	77	452295	20.128	ng/ul	99
23) Isophorone	9.746	82	876693	20.684	ng/ul	99
25) 2-Nitrophenol	9.928	139	226569	21.046	ng/ul	96
26) 2,4-Dimethylphenol	9.993	107	447605	20.540	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	535030	19.733	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	378796	20.544	ng/ul	98
30) Naphthalene	10.875	128	1304240	20.127	ng/ul	99
32) 4-Chloroaniline	10.987	127	611109	20.430	ng/ul	99
33) Hexachlorobutadiene	11.157	225	222698	21.186	ng/ul	98
34) Caprolactam	11.757	113	142360m	19.857	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	437161	20.932	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.481	142	894001	20.470	ng/ul	97
37) 1-Methylnaphthalene	12.698	142	920734	20.458	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.845	216	459038	19.894	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	274821	19.801	ng/ul	96
41) 2,4,6-Trichlorophenol	13.087	196	318842	20.090	ng/ul	92
42) 2,4,5-Trichlorophenol	13.157	196	362834	20.656	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	1229676	19.949	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	957098	19.938	ng/ul	99
45) 2-Nitroaniline	13.734	65	285828	20.547	ng/ul	98
47) Dimethylphthalate	14.110	163	1224830	19.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	255745	21.413	ng/ul	97
50) Acenaphthylene	14.375	152	1537060	20.387	ng/ul	99
51) 3-Nitroaniline	14.557	138	243283	20.005	ng/ul	96
52) Acenaphthene	14.716	153	1051363	20.059	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	135689	17.829	ng/ul	94
55) 4-Nitrophenol	14.857	109	197613	19.569	ng/ul	94
56) Dibenzofuran	15.051	168	1472092	20.172	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	377288	21.401	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.275	232	319555	21.013	ng/ul	97
59) Diethylphthalate	15.469	149	1244754	20.284	ng/ul	98
61) Fluorene	15.698	166	1213872	20.541	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.692	204	581620	20.535	ng/ul	98
63) 4-Nitroaniline	15.722	138	238474	20.136	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.775	198	210962	19.543	ng/ul	99
67) N-Nitrosodiphenylamine	15.904	169	1043577	20.074	ng/ul	97
68) 4-Bromophenyl-phenylether	16.586	248	368707	20.343	ng/ul	98
69) Hexachlorobenzene	16.704	284	436362	20.592	ng/ul	97
70) Atrazine	16.857	200	396143	20.852	ng/ul	98
71) Pentachlorophenol	17.045	266	283774	20.280	ng/ul	95
72) Phenanthrene	17.439	178	1973512	19.855	ng/ul	99
74) Anthracene	17.533	178	2004549	20.212	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.451	216	463730	19.852	ng/uL	100
76) Pentachlorobenzene	14.969	250	475777	20.099	ng/uL	97
77) Carbazole	17.804	167	1880490	20.592	ng/ul	100
78) Di-n-butylphthalate	18.363	149	2241536	20.672	ng/ul	99
80) Fluoranthene	19.457	202	2373119	20.837	ng/ul	98
82) Pyrene	19.822	202	2506049	20.947	ng/ul	97
83) Butylbenzylphthalate	20.716	149	1086173	21.939	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.504	252	780514	19.730	ng/ul	96
85) Benzo(a)anthracene	21.569	228	2458066	20.380	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	1553707	22.194	ng/ul	97
87) Chrysene	21.627	228	2252390	19.789	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	2619070	23.236	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	2489539	21.206	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	2337183	20.920	ng/ul	99
93) Benzo(a)pyrene	23.933	252	2082691	20.643	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.609	276	2448695	19.158	ng/ul	97
95) Dibenzo(a,h)anthracene	26.627	278	2009812	19.285	ng/ul	98
96) Benzo(g,h,i)perylene	27.404	276	1887144	18.661	ng/ul	96

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

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