Quantitation Report (Qedit)

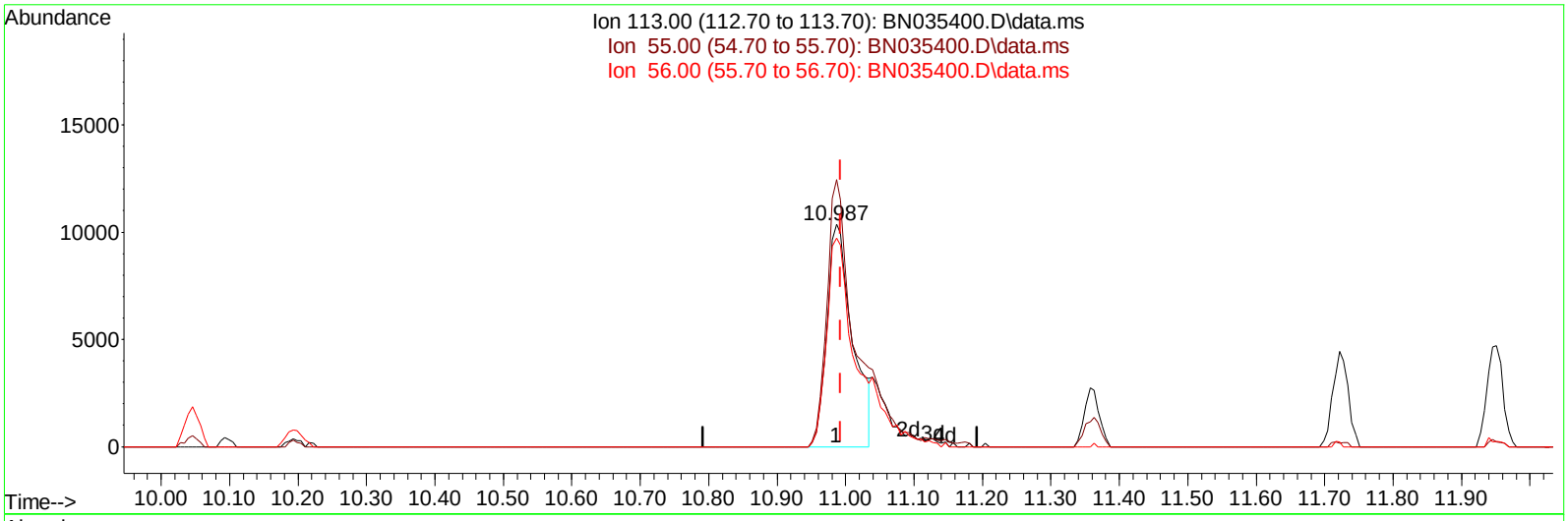
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120324\
Data File : BN035400.D
Acq On : 03 Dec 2024 09:30
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

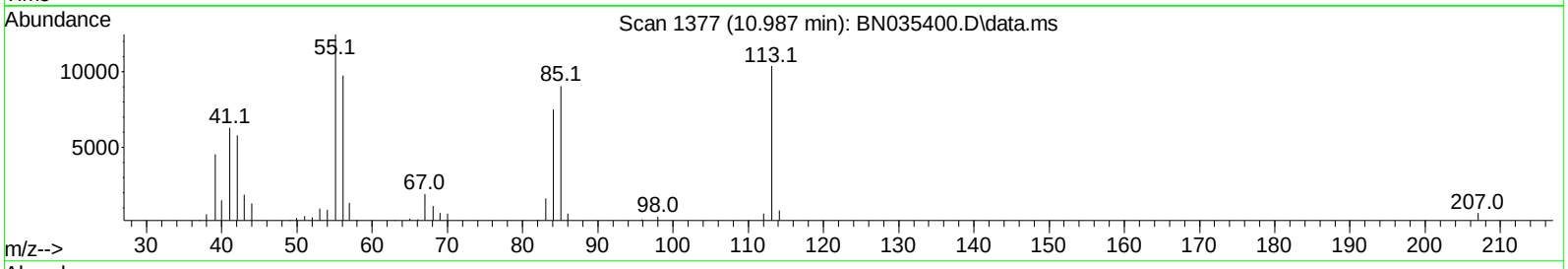
Quant Time: Dec 03 10:28:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

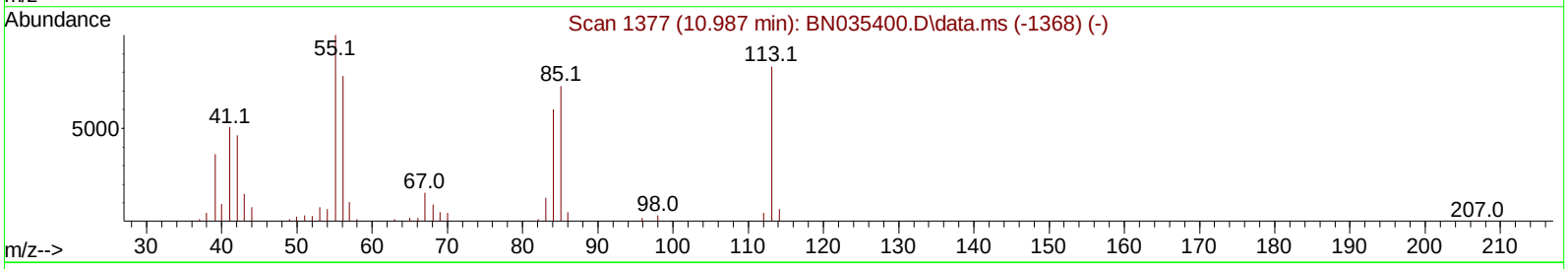
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024







TIC: BN035400.D\data.ms

(34) Caprolactam

10.987min (-0.006) 17.20 ng/ul

response 26895

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	120.14
56.00	86.70	93.84
0.00	0.00	0.00

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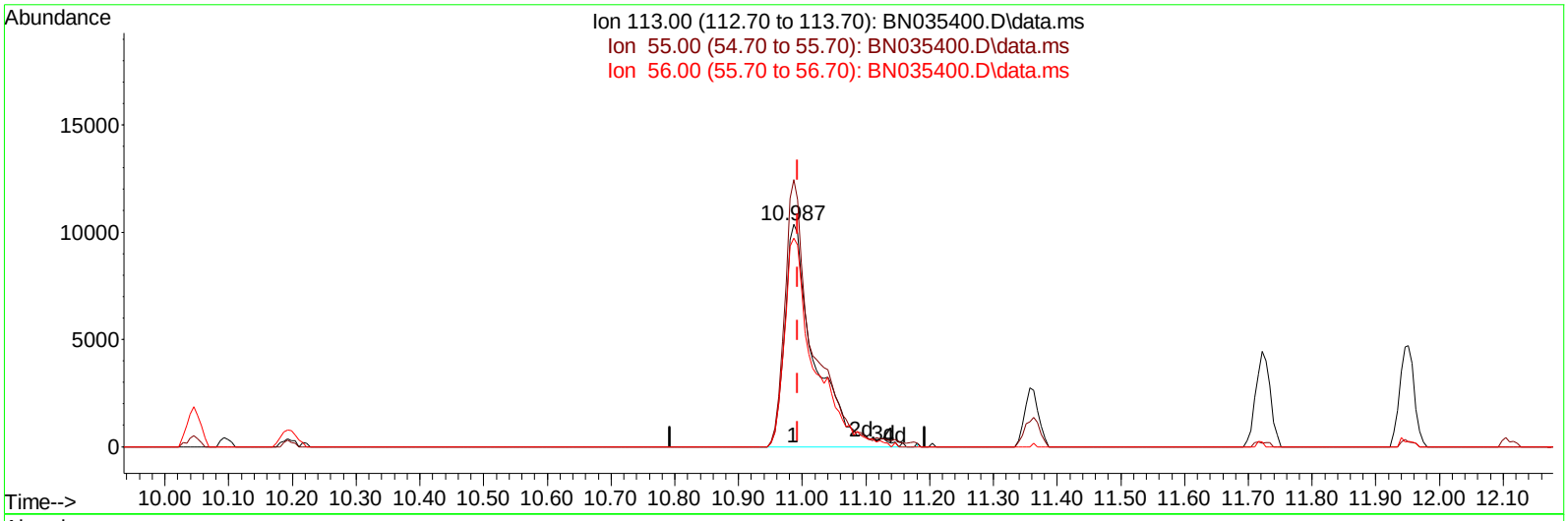

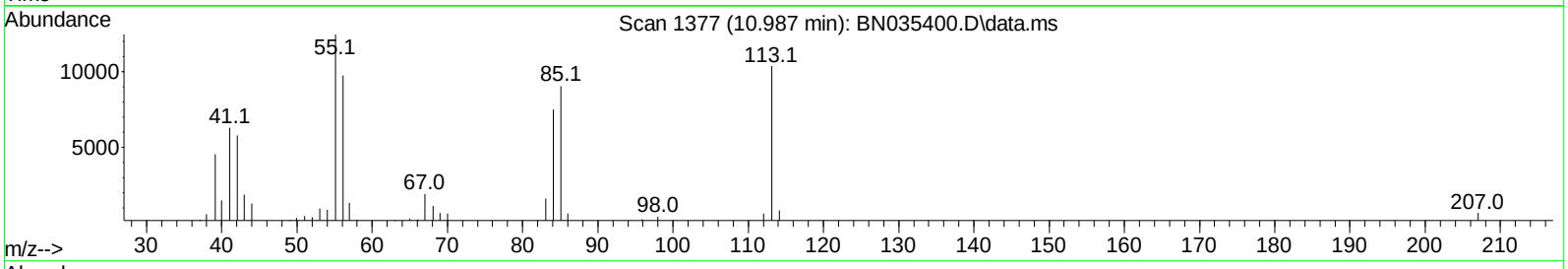

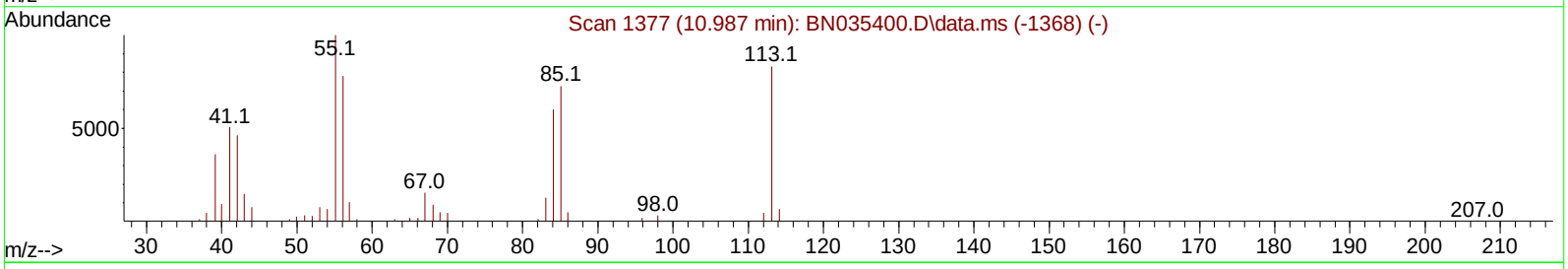

TIC: BN035400.D\data.ms

(34) Caprolactam

10.987min (-0.006) 21.49 ng/ul m

response 33603

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	120.14
56.00	86.70	93.84
0.00	0.00	0.00

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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	7.293	152	77198	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.046	136	325386	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.963	164	257861	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	590832	20.000	ng/ul	0.00
79) Chrysene-d12	20.986	240	623287	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	753050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	12660	7.749	ng/uL	0.00
4) Pyridine-d5	3.334	84	91376	21.218	ng/ul	0.00
7) Phenol-d5	6.499	99	114293	20.782	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.652	67	65058	21.213	ng/ul	-0.01
11) 2-Chlorophenol-d4	6.840	132	94899	20.363	ng/ul	0.00
15) 4-Methylphenol-d8	8.010	113	99394	20.739	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	45134	21.350	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	52753	21.559	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	115967	21.684	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	145698	22.064	ng/ul	0.00
46) Dimethylphthalate-d6	13.392	166	388333	20.973	ng/ul	0.00
49) Acenaphthylene-d8	13.645	160	423575	20.773	ng/ul	0.00
54) 4-Nitrophenol-d4	14.198	143	65527	21.492	ng/ul	0.00
60) Fluorene-d10	14.969	176	336627	21.053	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	65618	21.059	ng/ul	0.00
73) Anthracene-d10	16.828	188	544279	20.886	ng/ul	0.00
81) Pyrene-d10	19.151	212	656142	19.932	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	775114	21.256	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.987	88	14267	7.788	ng/uL	97
5) Pyridine	3.352	79	92209	21.352	ng/ul	98
6) Benzaldehyde	6.458	77	75927	25.596	ng/ul	99
8) Phenol	6.522	94	118865	20.869	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.746	93	94498	21.192	ng/ul	98
12) 2-Chlorophenol	6.869	128	97639	20.132	ng/ul	99
13) 2-Methylphenol	7.746	108	93770	21.203	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.822	45	72702	20.628	ng/ul	96
16) Acetophenone	8.110	105	163797	21.641	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.104	70	73349	20.384	ng/ul	97
18) 4-Methylphenol	8.075	108	104744	21.315	ng/ul	100
19) Hexachloroethane	8.346	117	41502	20.029	ng/ul	96
22) Nitrobenzene	8.475	77	116731	21.983	ng/ul	99
23) Isophorone	9.004	82	228754	21.498	ng/ul	99
25) 2-Nitrophenol	9.175	139	60040	21.657	ng/ul	99
26) 2,4-Dimethylphenol	9.257	107	121280	21.826	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.493	93	136502	21.059	ng/ul	97
29) 2,4-Dichlorophenol	9.704	162	116252	21.483	ng/ul	96
30) Naphthalene	10.093	128	344108	20.809	ng/ul	99
32) 4-Chloroaniline	10.216	127	140020	22.135	ng/ul	99
33) Hexachlorobutadiene	10.393	225	81655	21.381	ng/ul	98
34) Caprolactam	10.987	113	33603m	21.492	ng/ul	
35) 4-Chloro-3-methylphenol	11.363	107	122424	21.719	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	264391	21.471	ng/ul	100
37) 1-Methylnaphthalene	11.951	142	269607	21.357	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.110	216	159408	20.977	ng/ul	97
40) Hexachlorocyclopentadiene	12.093	237	77912	20.408	ng/ul	94
41) 2,4,6-Trichlorophenol	12.363	196	105059	21.319	ng/ul	94
42) 2,4,5-Trichlorophenol	12.434	196	117503	21.401	ng/ul	95
43) 1,1'-Biphenyl	12.781	154	369842	20.782	ng/ul	94
44) 2-Chloronaphthalene	12.810	162	297003	20.865	ng/ul	99
45) 2-Nitroaniline	13.034	65	61145	21.855	ng/ul	95
47) Dimethylphthalate	13.440	163	385166	20.794	ng/ul	98
48) 2,6-Dinitrotoluene	13.551	165	66946	21.685	ng/ul	93
50) Acenaphthylene	13.675	152	448145	20.678	ng/ul	99
51) 3-Nitroaniline	13.881	138	68492	21.421	ng/ul	98
52) Acenaphthene	14.022	153	315761	20.242	ng/ul	96
53) 2,4-Dinitrophenol	14.092	184	41405	19.201	ng/ul	97
55) 4-Nitrophenol	14.210	109	63380	22.010	ng/ul	95
56) Dibenzofuran	14.369	168	458402	20.668	ng/ul	97
57) 2,4-Dinitrotoluene	14.351	165	108313	22.109	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.604	232	100600	21.032	ng/ul	98
59) Diethylphthalate	14.834	149	384127	21.219	ng/ul	100
61) Fluorene	15.028	166	370707	20.747	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.034	204	190206	20.834	ng/ul	98
63) 4-Nitroaniline	15.057	138	73669	23.757	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.122	198	72743	21.547	ng/ul	98
67) N-Nitrosodiphenylamine	15.251	169	330877	21.080	ng/ul	99
68) 4-Bromophenyl-phenylether	15.934	248	124646	20.861	ng/ul	93
69) Hexachlorobenzene	16.033	284	146283	20.624	ng/ul	100
70) Atrazine	16.228	200	125586	22.402	ng/ul	99
71) Pentachlorophenol	16.386	266	97502	21.652	ng/ul	95
72) Phenanthrene	16.769	178	631252	20.751	ng/ul	99
74) Anthracene	16.863	178	643182	20.941	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.734	216	158349	20.214	ng/uL	94
76) Pentachlorobenzene	14.287	250	167973	20.829	ng/uL	98
77) Carbazole	17.139	167	582797	22.803	ng/ul	100
78) Di-n-butylphthalate	17.739	149	643605	21.633	ng/ul	99
80) Fluoranthene	18.810	202	763312	19.756	ng/ul	100
82) Pyrene	19.180	202	813172	19.626	ng/ul	98
83) Butylbenzylphthalate	20.133	149	238346	20.410	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.910	252	244348	21.988	ng/ul	97
85) Benzo(a)anthracene	20.969	228	858499	20.517	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.945	149	385668	20.944	ng/ul	97
87) Chrysene	21.021	228	812133	20.144	ng/ul	99
89) Di-n-octyl phthalate	21.974	149	658256	19.230	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	894012	20.596	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	915846	20.605	ng/ul	99
93) Benzo(a)pyrene	23.533	252	846418	20.777	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.604	276	1065825	21.933	ng/ul	97
95) Dibenzo(a,h)anthracene	26.656	278	854755	21.709	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	809497	21.948	ng/ul	99

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

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