Quantitation Report (Qedit)

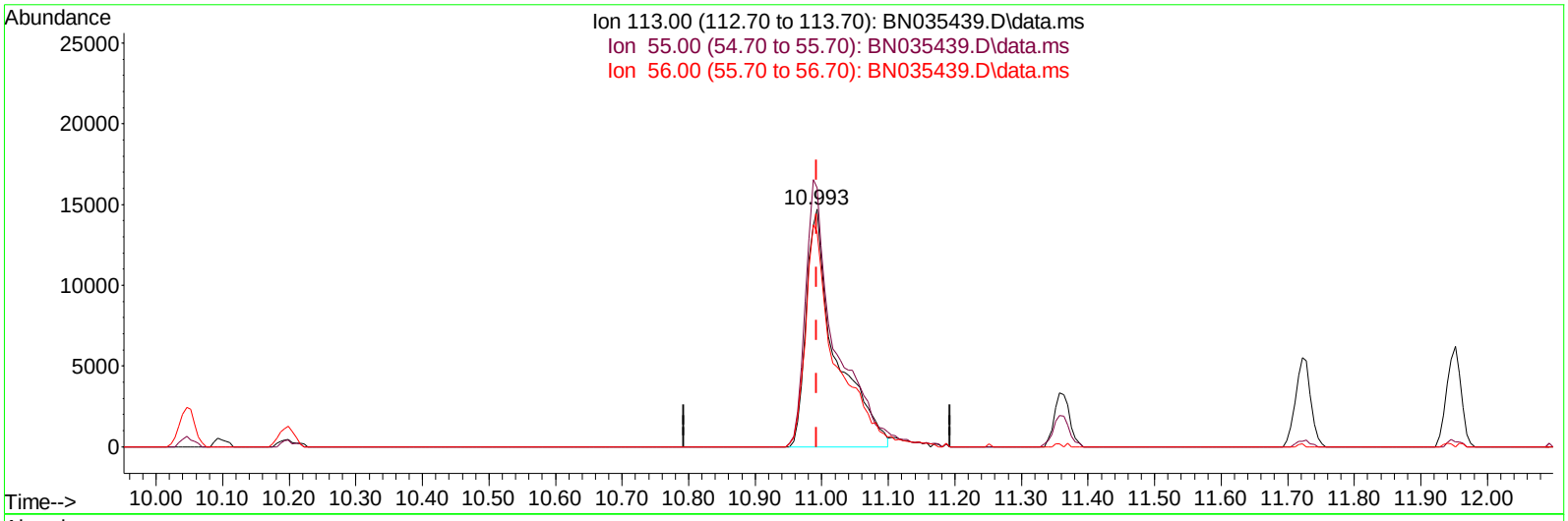
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035439.D
Acq On : 05 Dec 2024 23:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

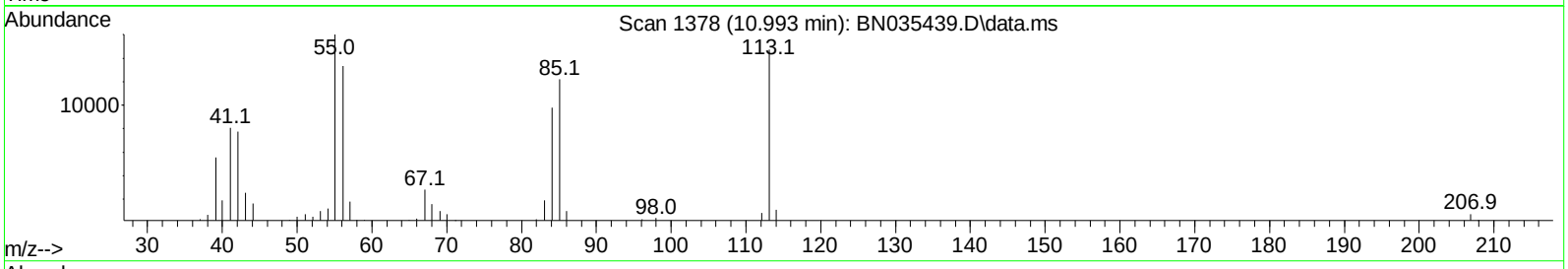
Quant Time: Dec 06 01:10:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

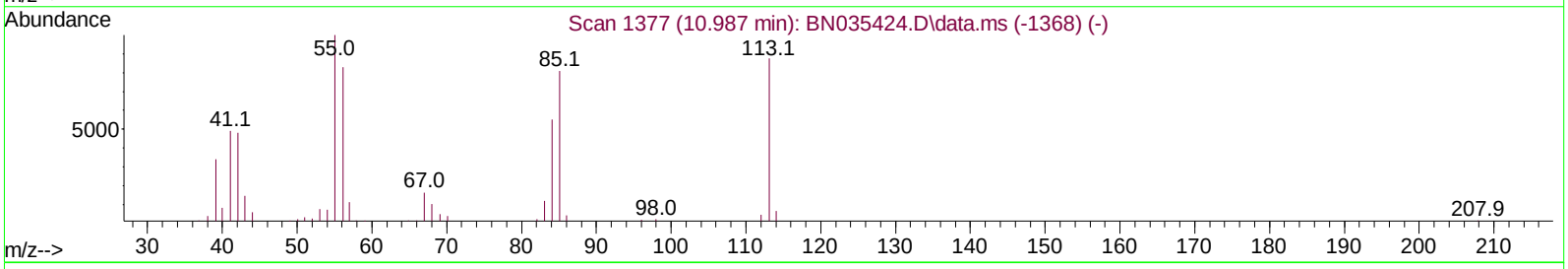
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035439.D\data.ms

(34) Caprolactam

10.993min (+ 0.000) 21.22 ng/ul

response 45295

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	108.83
56.00	86.70	90.46
0.00	0.00	0.00

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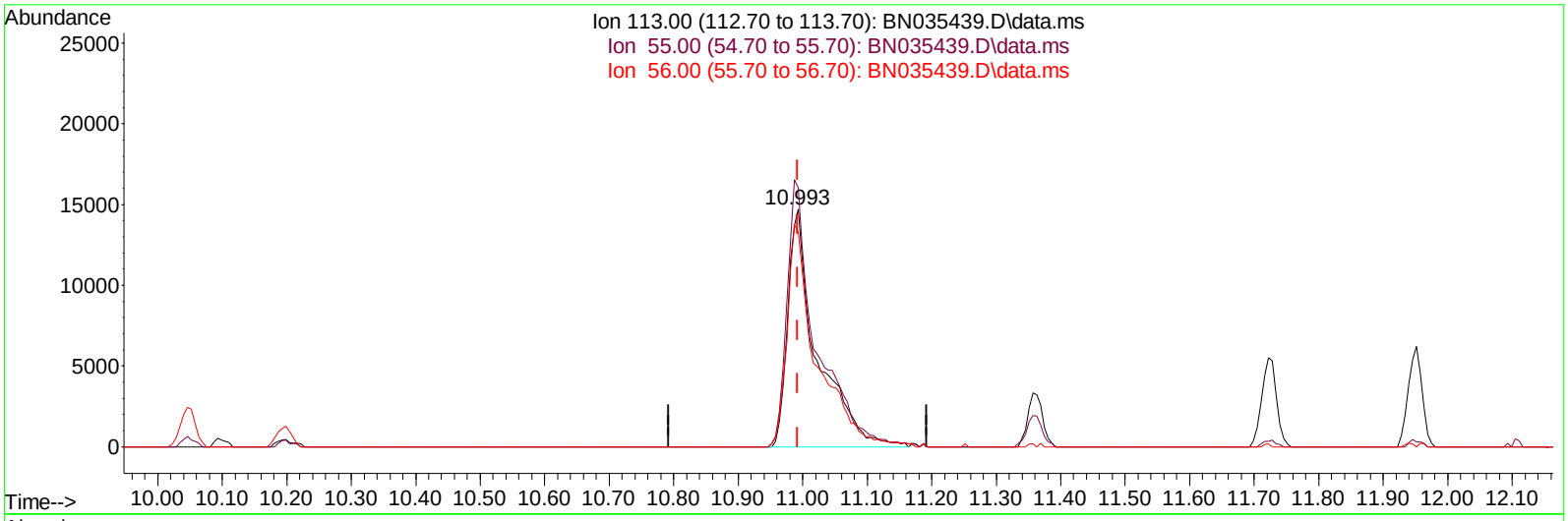

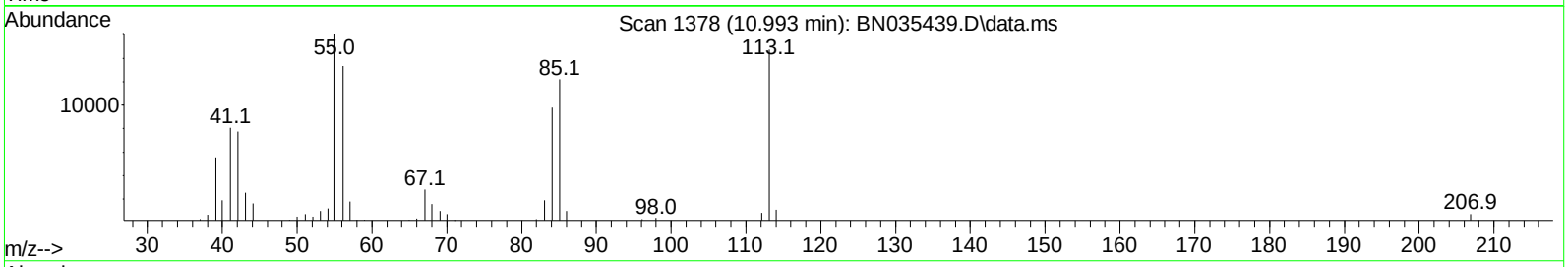

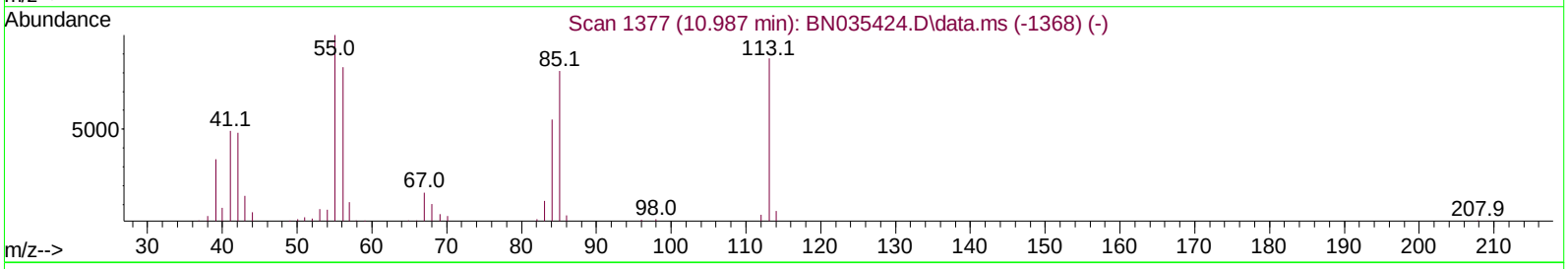

TIC: BN035439.D\data.ms

(34) Caprolactam

10.993min (+ 0.000) 21.82 ng/ul m

response 46573

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	108.83
56.00	86.70	90.46
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 06 01:12:28 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
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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	7.299	152	102369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	444288	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	327511	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	749693	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	749647	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	876050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	17277	7.975	ng/uL	0.00
4) Pyridine-d5	3.340	84	124260	21.759	ng/ul	0.00
7) Phenol-d5	6.499	99	155466	21.318	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	87872	21.606	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	130684	21.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.016	113	136215	21.433	ng/ul	0.00
21) Nitrobenzene-d5	8.440	128	64641	22.394	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	75182	22.503	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	156997	21.500	ng/ul	0.00
31) 4-Chloroaniline-d4	10.199	131	198888	22.058	ng/ul	0.00
46) Dimethylphthalate-d6	13.393	166	509621	21.671	ng/ul	0.00
49) Acenaphthylene-d8	13.646	160	564651	21.803	ng/ul	0.00
54) 4-Nitrophenol-d4	14.198	143	86870	22.433	ng/ul	0.00
60) Fluorene-d10	14.969	176	425815	20.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	89889	22.735	ng/ul	0.00
73) Anthracene-d10	16.822	188	709710	21.463	ng/ul	0.00
81) Pyrene-d10	19.145	212	827894	20.910	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	910241	21.457	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	18176	7.482	ng/uL#	95
5) Pyridine	3.358	79	124421	21.727	ng/ul	95
6) Benzaldehyde	6.458	77	102025	25.937	ng/ul	99
8) Phenol	6.528	94	161777	21.419	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.752	93	125686	21.256	ng/ul	99
12) 2-Chlorophenol	6.869	128	132894	20.664	ng/ul	98
13) 2-Methylphenol	7.752	108	123809	21.112	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.822	45	100805	21.569	ng/ul	98
16) Acetophenone	8.111	105	219969	21.916	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.111	70	100868	21.139	ng/ul	98
18) 4-Methylphenol	8.075	108	142838	21.920	ng/ul	98
19) Hexachloroethane	8.352	117	56581	20.592	ng/ul	95
22) Nitrobenzene	8.481	77	157258	21.690	ng/ul	98
23) Isophorone	9.005	82	305039	20.995	ng/ul	98
25) 2-Nitrophenol	9.181	139	82695	21.846	ng/ul	99
26) 2,4-Dimethylphenol	9.258	107	159256	20.990	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.493	93	183351	20.716	ng/ul	98
29) 2,4-Dichlorophenol	9.705	162	156125	21.130	ng/ul	96
30) Naphthalene	10.099	128	463851	20.543	ng/ul	99
32) 4-Chloroaniline	10.222	127	187505	21.708	ng/ul	96
33) Hexachlorobutadiene	10.393	225	105352	20.204	ng/ul	98
34) Caprolactam	10.993	113	46573m	21.815	ng/ul	
35) 4-Chloro-3-methylphenol	11.357	107	163871	21.291	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	345923	20.574	ng/ul	96
37) 1-Methylnaphthalene	11.952	142	358237	20.783	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.110	216	209061	21.660	ng/ul	98
40) Hexachlorocyclopentadiene	12.093	237	110218	22.731	ng/ul	95
41) 2,4,6-Trichlorophenol	12.363	196	139237	22.246	ng/ul	93
42) 2,4,5-Trichlorophenol	12.434	196	153305	21.983	ng/ul	97
43) 1,1'-Biphenyl	12.781	154	476253	21.070	ng/ul	98
44) 2-Chloronaphthalene	12.810	162	386838	21.397	ng/ul	98
45) 2-Nitroaniline	13.034	65	87332	24.577	ng/ul	95
47) Dimethylphthalate	13.440	163	508292	21.605	ng/ul	100
48) 2,6-Dinitrotoluene	13.551	165	94572	24.118	ng/ul	97
50) Acenaphthylene	13.675	152	594568	21.599	ng/ul	98
51) 3-Nitroaniline	13.881	138	99067	24.394	ng/ul	98
52) Acenaphthene	14.022	153	416759	21.035	ng/ul	100
53) 2,4-Dinitrophenol	14.093	184	59401	21.688	ng/ul	95
55) 4-Nitrophenol	14.210	109	83061	22.710	ng/ul	95
56) Dibenzofuran	14.369	168	589409	20.923	ng/ul	98
57) 2,4-Dinitrotoluene	14.351	165	144713	23.257	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.604	232	127942	21.060	ng/ul#	99
59) Diethylphthalate	14.828	149	484522	21.073	ng/ul	99
61) Fluorene	15.022	166	472540	20.822	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.034	204	239485	20.653	ng/ul	99
63) 4-Nitroaniline	15.057	138	100458	25.507	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.116	198	96685	22.570	ng/ul	95
67) N-Nitrosodiphenylamine	15.251	169	412704	20.721	ng/ul	98
68) 4-Bromophenyl-phenylether	15.928	248	155984	20.574	ng/ul	99
69) Hexachlorobenzene	16.034	284	188777	20.976	ng/ul	97
70) Atrazine	16.228	200	164408	23.112	ng/ul	99
71) Pentachlorophenol	16.381	266	129006	22.578	ng/ul	99
72) Phenanthrene	16.769	178	812058	21.038	ng/ul	98
74) Anthracene	16.863	178	835907	21.449	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.734	216	206666	20.791	ng/uL	98
76) Pentachlorobenzene	14.287	250	208741	20.399	ng/uL	94
77) Carbazole	17.140	167	754009	23.251	ng/ul	99
78) Di-n-butylphthalate	17.739	149	832696	22.058	ng/ul	99
80) Fluoranthene	18.810	202	990743	21.320	ng/ul	99
82) Pyrene	19.175	202	1044358	20.957	ng/ul	99
83) Butylbenzylphthalate	20.128	149	322747	22.978	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.910	252	300802	22.506	ng/ul	98
85) Benzo(a)anthracene	20.963	228	1051858	20.901	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.939	149	505654	22.832	ng/ul	99
87) Chrysene	21.022	228	1002142	20.667	ng/ul	98
89) Di-n-octyl phthalate	21.969	149	847134	21.273	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	1069602	21.182	ng/ul	100
91) Benzo(k)fluoranthene	22.875	252	1082693	20.939	ng/ul	99
93) Benzo(a)pyrene	23.527	252	999424	21.088	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	1177030	20.820	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	949074	20.720	ng/ul	99
96) Benzo(g,h,i)perylene	27.510	276	878049	20.464	ng/ul	97

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

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