Quantitation Report (Qedit)

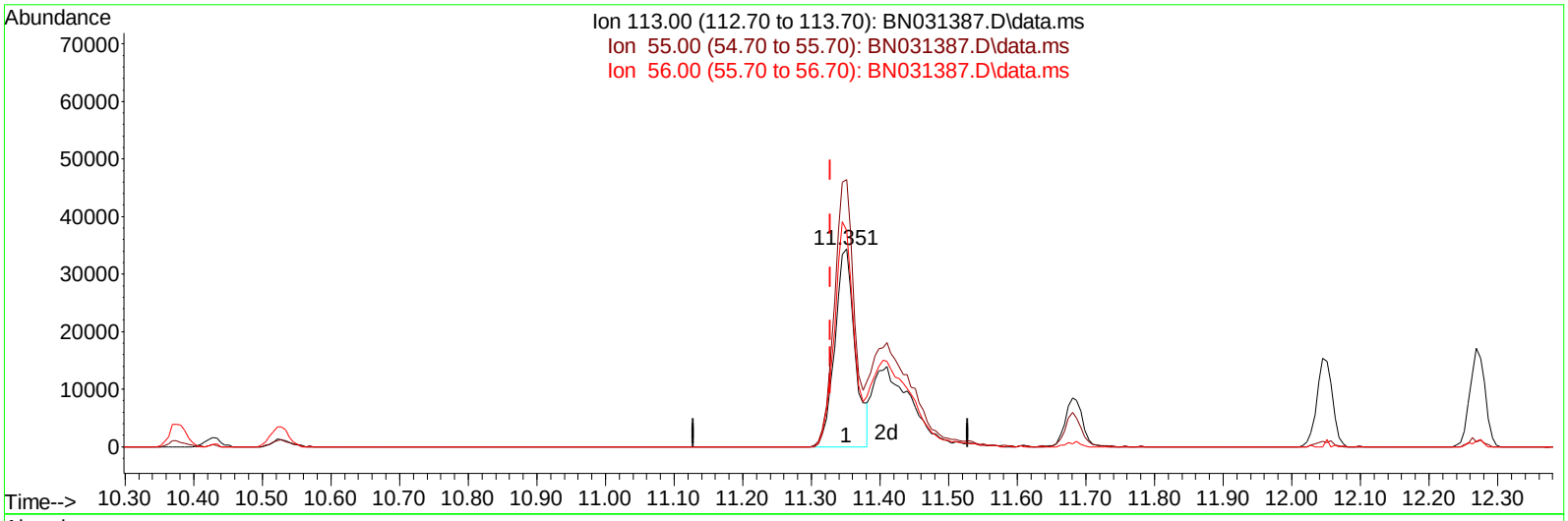
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050324\
Data File : BN031387.D
Acq On : 03 May 2024 12:23
Operator : MA/JU
Sample : SSTD04053
Misc :
ALS Vial : 5 Sample Multiplier: 1

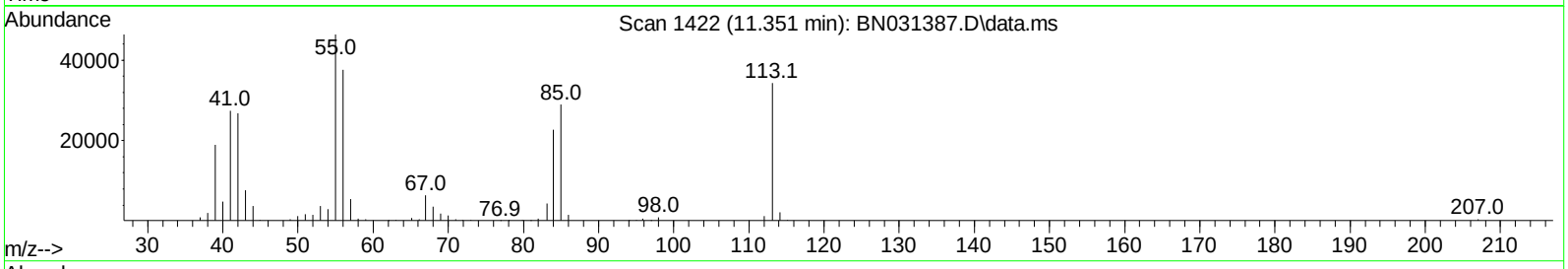
Quant Time: May 03 13:40:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 13:38:35 2024
Response via : Initial Calibration

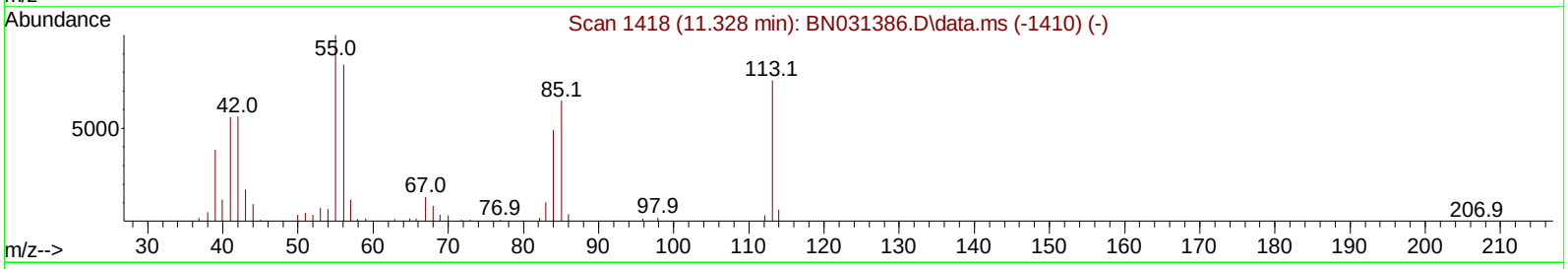
Instrument :
BNA_N
ClientSampleId :
SSTD040234

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/04/2024







TIC: BN031387.D\data.ms

(34) Caprolactam

11.351min (+ 0.023) 22.32 ng/ul

response 70037

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.00	134.87
56.00	111.10	109.19
0.00	0.00	0.00

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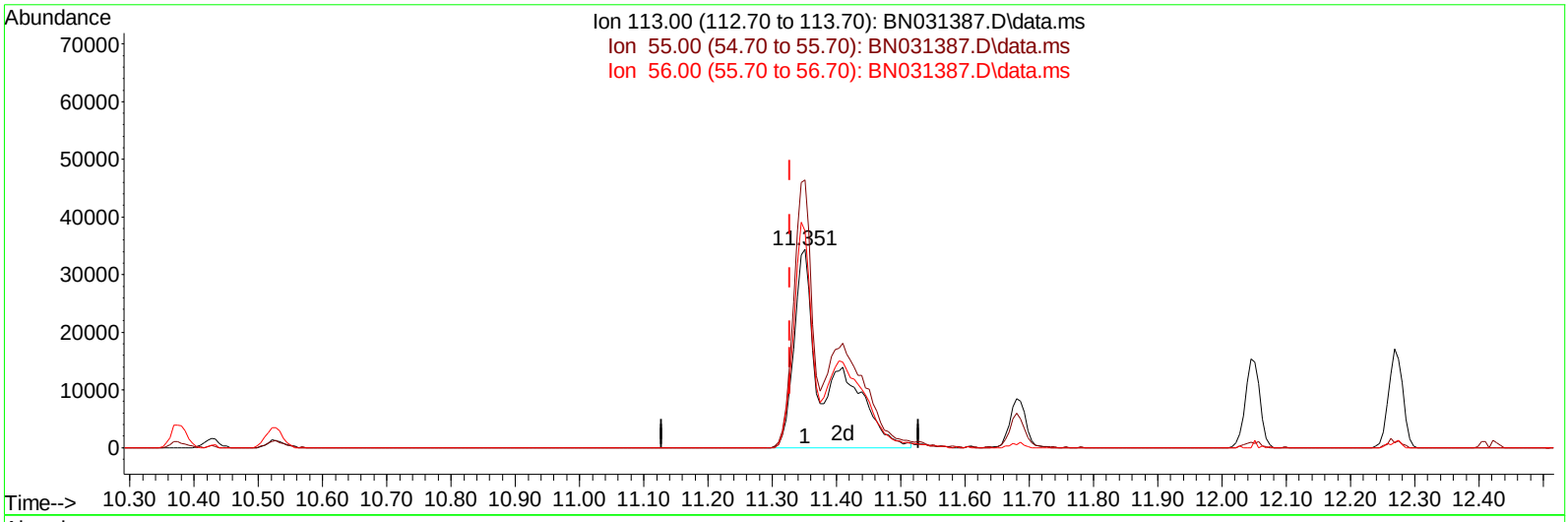

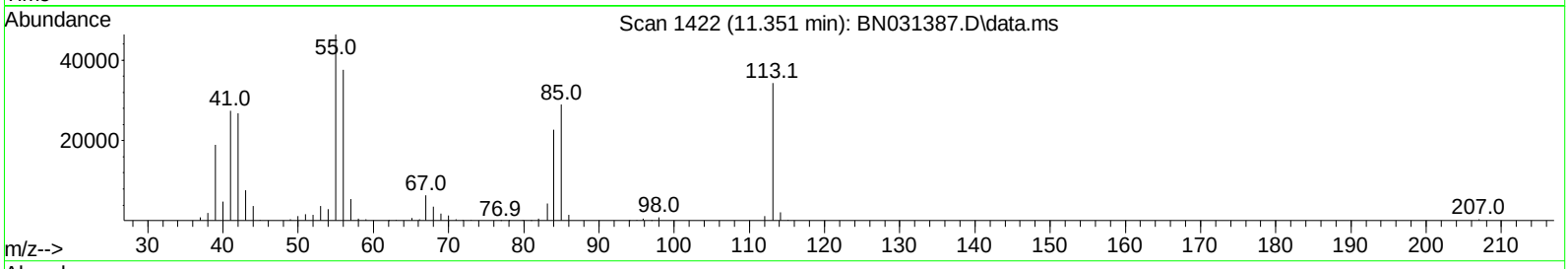

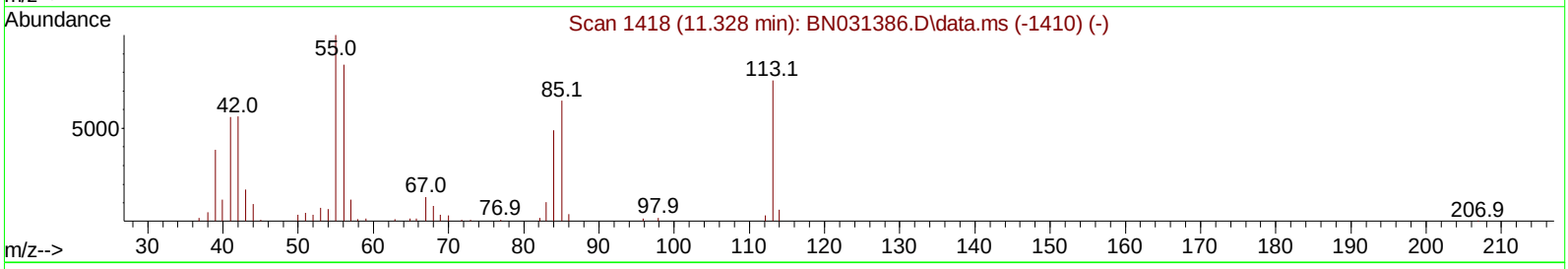

TIC: BN031387.D\data.ms

(34) Caprolactam

11.351min (+ 0.023) 39.40 ng/ul m

response 123656

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.00	134.87
56.00	111.10	109.19
0.00	0.00	0.00

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Sample : SSTD04053
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 03 13:41:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
SSTD040234

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	142707	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	603055	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	381805	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	811976	20.000	ng/ul	0.00
79) Chrysene-d12	21.239	240	630936	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	624716	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	51979	16.659	ng/uL	0.00
4) Pyridine-d5	3.522	84	354541	40.044	ng/ul	0.00
7) Phenol-d5	6.781	99	446480	38.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	251529	37.640	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	380288	41.022	ng/ul	0.00
15) 4-Methylphenol-d8	8.316	113	372315	39.115	ng/ul	0.00
21) Nitrobenzene-d5	8.757	128	190046	42.383	ng/ul	0.00
24) 2-Nitrophenol-d4	9.475	143	214660	44.225	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	373630	41.875	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	530370	41.381	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	1135504	43.171	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	1280374	42.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.480	143	215416	44.896	ng/ul	0.01
60) Fluorene-d10	15.251	176	928058	41.630	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	206159	46.524	ng/ul	0.01
73) Anthracene-d10	17.104	188	1434071	41.242	ng/ul	0.00
81) Pyrene-d10	19.404	212	1563462	41.213	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1243537	41.871	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	53438	15.801	ng/uL	99
5) Pyridine	3.540	79	352137	39.831	ng/ul	97
6) Benzaldehyde	6.752	77	239625	42.791	ng/ul	97
8) Phenol	6.804	94	455632	39.081	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.040	93	358694	38.170	ng/ul	99
12) 2-Chlorophenol	7.163	128	389115	40.315	ng/ul	99
13) 2-Methylphenol	8.046	108	354342	39.107	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.122	45	396250	32.996	ng/ul	99
16) Acetophenone	8.428	105	588563	41.094	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.416	70	288828	38.724	ng/ul	98
18) 4-Methylphenol	8.381	108	384525	38.857	ng/ul	96
19) Hexachloroethane	8.663	117	171415	43.086	ng/ul	97
22) Nitrobenzene	8.798	77	446441	42.398	ng/ul	98
23) Isophorone	9.328	82	844219	41.256	ng/ul	99
25) 2-Nitrophenol	9.504	139	228753	43.544	ng/ul	98
26) 2,4-Dimethylphenol	9.569	107	435535	43.468	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.810	93	482357	37.995	ng/ul	100
29) 2,4-Dichlorophenol	10.034	162	375041	42.463	ng/ul	99
30) Naphthalene	10.428	128	1236903	40.493	ng/ul	100
32) 4-Chloroaniline	10.551	127	511174	41.479	ng/ul	98
33) Hexachlorobutadiene	10.704	225	255252	47.142	ng/ul	98
34) Caprolactam	11.351	113	123656m	39.402	ng/ul	
35) 4-Chloro-3-methylphenol	11.681	107	428833	42.000	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	857808	40.603	ng/ul	96
37) 1-Methylnaphthalene	12.269	142	850455	39.833	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.422	216	445125	43.491	ng/ul	96
40) Hexachlorocyclopentadiene	12.392	237	300012	51.843	ng/ul	99
41) 2,4,6-Trichlorophenol	12.669	196	306403	43.832	ng/ul	99
42) 2,4,5-Trichlorophenol	12.745	196	325088	42.600	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	1123369	42.162	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	879732	41.722	ng/ul	99
45) 2-Nitroaniline	13.339	65	269785	45.014	ng/ul	95
47) Dimethylphthalate	13.722	163	1164539	43.172	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	244653	46.323	ng/ul	98
50) Acenaphthylene	13.969	152	1438233	41.934	ng/ul	100
51) 3-Nitroaniline	14.175	138	247244	44.401	ng/ul	96
52) Acenaphthene	14.316	153	948469	41.606	ng/ul	99
53) 2,4-Dinitrophenol	14.381	184	146956	47.693	ng/ul	95
55) 4-Nitrophenol	14.492	109	221615	53.991	ng/ul	99
56) Dibenzofuran	14.651	168	1269360	41.175	ng/ul	99
57) 2,4-Dinitrotoluene	14.633	165	358572	46.271	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.880	232	279157	43.569	ng/ul	98
59) Diethylphthalate	15.092	149	1227482	44.830	ng/ul	99
61) Fluorene	15.304	166	1046097	42.021	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.304	204	510997	42.320	ng/ul	93
63) 4-Nitroaniline	15.345	138	231548	45.570	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.398	198	212391	45.010	ng/ul	97
67) N-Nitrosodiphenylamine	15.522	169	915080	41.157	ng/ul	98
68) 4-Bromophenyl-phenylether	16.198	248	333708	42.230	ng/ul	93
69) Hexachlorobenzene	16.298	284	381108	41.581	ng/ul	96
70) Atrazine	16.480	200	326045	45.026	ng/ul	96
71) Pentachlorophenol	16.651	266	254525	45.443	ng/ul	96
72) Phenanthrene	17.045	178	1658142	39.777	ng/ul	99
74) Anthracene	17.139	178	1717311	41.334	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.034	216	440551	41.598	ng/uL	97
76) Pentachlorobenzene	14.569	250	431770	41.479	ng/uL	97
77) Carbazole	17.416	167	1528695	42.163	ng/ul	99
78) Di-n-butylphthalate	17.980	149	2087414	43.585	ng/ul	100
80) Fluoranthene	19.069	202	1877007	41.209	ng/ul	99
82) Pyrene	19.433	202	1910470	40.887	ng/ul	99
83) Butylbenzylphthalate	20.351	149	894161	44.996	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.157	252	503823	43.606	ng/ul	98
85) Benzo(a)anthracene	21.221	228	1745746	41.452	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	1242249	46.548	ng/ul	100
87) Chrysene	21.280	228	1625848	41.288	ng/ul	98
89) Di-n-octyl phthalate	22.245	149	2008732	42.058	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1551709	40.230	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	1516803	39.813	ng/ul	99
93) Benzo(a)pyrene	23.980	252	1413203	40.976	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.339	276	1714489	44.234	ng/ul	97
95) Dibenzo(a,h)anthracene	27.397	278	1433847	44.355	ng/ul	98
96) Benzo(g,h,i)perylene	28.356	276	1388886	44.674	ng/ul	100

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

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