Quantitation Report (Qedit)

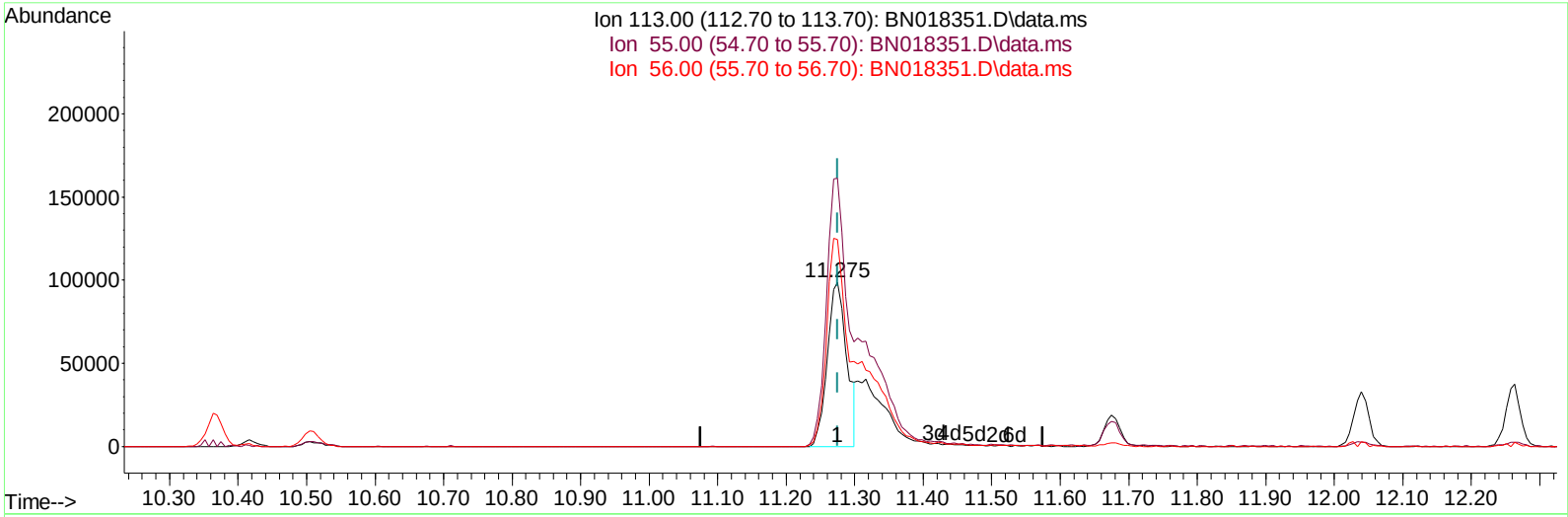
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010622\
Data File : BN018351.D
Acq On : 06 Jan 2022 14:09
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

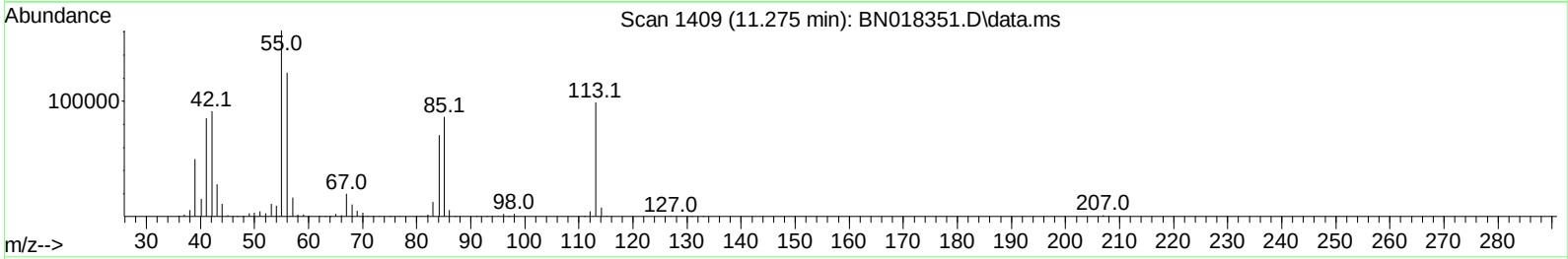
Quant Time: Jan 07 01:35:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

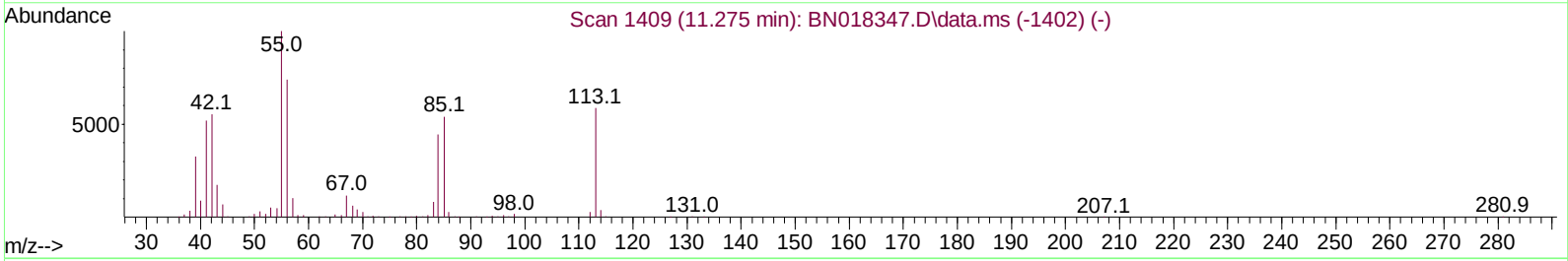
Instrument :
BNA_N
ClientSampleId :
SICV215

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022







TIC: BN018351.D\data.ms

(34) Caprolactam

11.275min (-0.000) 13.26 ng/ul

response 194641

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	163.16
56.00	134.50	126.16
0.00	0.00	0.00

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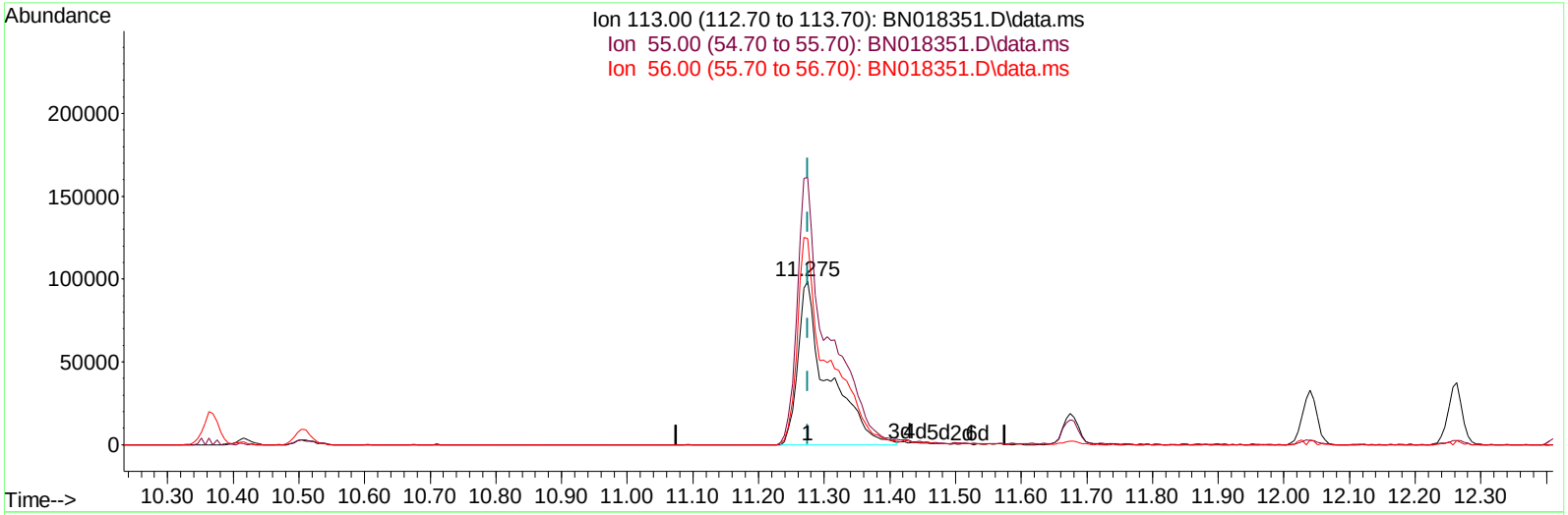

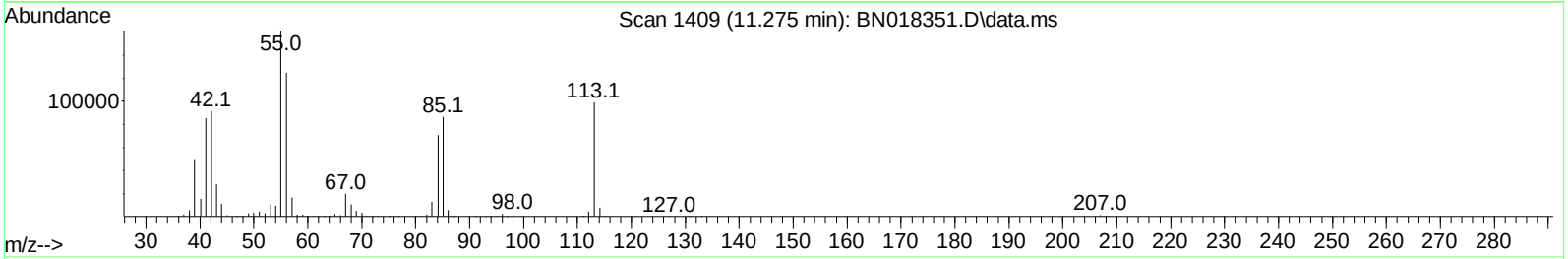

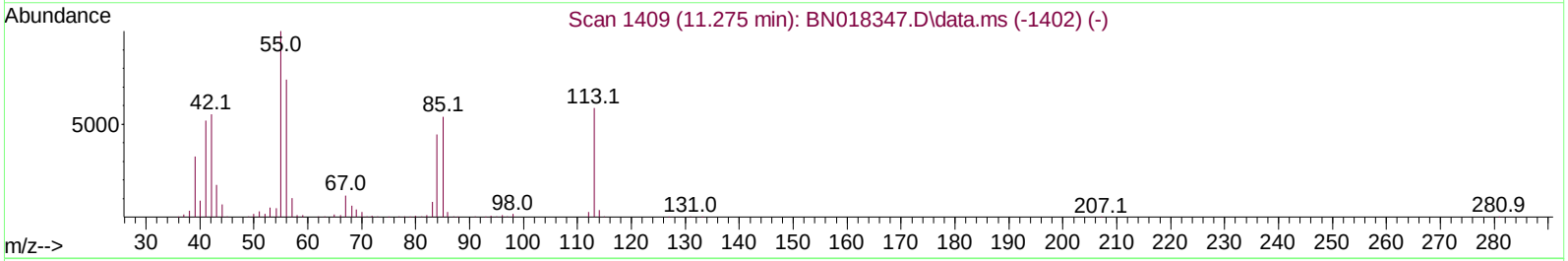

TIC: BN018351.D\data.ms

(34) Caprolactam

11.275min (-0.000) 21.28 ng/ul m

response 312292

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	163.16
56.00	134.50	126.16
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	7.587	152	554601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	2548514	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	1620025	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.981	188	3216746	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.180	240	2922174	20.000	ng/ul	# 0.00
88) Perylene-d12	23.404	264	3093773	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	96863	7.021	ng/uL	0.00
4) Pyridine-d5	3.458	84	850045	19.688	ng/ul	0.00
7) Phenol-d5	6.769	99	1077457	19.990	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.922	67	683394	19.904	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.122	132	815411	20.653	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	878696	20.653	ng/ul	-0.01
21) Nitrobenzene-d5	8.734	128	415135	21.871	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.457	143	455773	22.463	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	791344	21.467	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	1198580	21.157	ng/ul	-0.01
46) Dimethylphthalate-d6	13.657	166	2475114	21.035	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	3183103	21.399	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	483330	21.525	ng/ul	0.00
60) Fluorene-d10	15.228	176	2104717	21.200	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	398797	21.910	ng/ul	0.00
73) Anthracene-d10	17.081	188	3191829	21.424	ng/ul	0.00
81) Pyrene-d10	19.380	212	3479326	20.756	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.263	264	3382551	21.969	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	111858	7.206	ng/uL	97
5) Pyridine	3.475	79	906093	20.178	ng/ul	95
6) Benzaldehyde	6.722	77	712075	20.800	ng/ul	98
8) Phenol	6.799	94	1138477	20.266	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.016	93	922110	20.359	ng/ul	97
12) 2-Chlorophenol	7.152	128	857354	20.578	ng/ul	96
13) 2-Methylphenol	8.040	108	862181	20.401	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.116	45	1220726	20.309	ng/ul	98
16) Acetophenone	8.405	105	1405759	21.571	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.399	70	771571	21.669	ng/ul#	94
18) 4-Methylphenol	8.369	108	955421	21.069	ng/ul	99
19) Hexachloroethane	8.657	117	350308	20.272	ng/ul#	77
22) Nitrobenzene	8.775	77	1081700	21.571	ng/ul	96
23) Isophorone	9.299	82	2225097	22.094	ng/ul	99
25) 2-Nitrophenol	9.487	139	510364	22.595	ng/ul	97
26) 2,4-Dimethylphenol	9.563	107	1074782	21.456	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.793	93	1330061	21.230	ng/ul	99
29) 2,4-Dichlorophenol	10.022	162	811233	21.727	ng/ul	97
30) Naphthalene	10.416	128	2950060	21.157	ng/ul	99
32) 4-Chloroaniline	10.528	127	1269255	21.937	ng/ul	100
33) Hexachlorobutadiene	10.716	225	435783	21.403	ng/ul	98
34) Caprolactam	11.275	113	312292m	21.277	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	1022263	21.877	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	1976612	21.245	ng/ul	98
37) 1-Methylnaphthalene	12.263	142	2027039	20.936	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.422	216	866587	20.855	ng/ul#	96
40) Hexachlorocyclopentadiene	12.404	237	494359	20.714	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	596659	21.171	ng/ul	95
42) 2,4,5-Trichlorophenol	12.734	196	670256	22.436	ng/ul	100
43) 1,1'-Biphenyl	13.063	154	2629355	20.841	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	1972274	20.920	ng/ul	92
45) 2-Nitroaniline	13.310	65	692837	23.481	ng/ul	98
47) Dimethylphthalate	13.704	163	2542512	21.289	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	507087	22.406	ng/ul	90
50) Acenaphthylene	13.951	152	3365981	21.473	ng/ul	99
51) 3-Nitroaniline	14.145	138	593032	23.308	ng/ul	90
52) Acenaphthene	14.298	153	2188189	21.185	ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	266772	20.928	ng/ul	87
55) 4-Nitrophenol	14.469	109	419538	21.870	ng/ul	96
56) Dibenzofuran	14.639	168	3017862	21.069	ng/ul	93
57) 2,4-Dinitrotoluene	14.610	165	752583	23.112	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.869	232	534008	22.174	ng/ul#	76
59) Diethylphthalate	15.075	149	2689270	21.812	ng/ul	95
61) Fluorene	15.286	166	2348377	21.289	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.286	204	1050157	21.291	ng/ul#	84
63) 4-Nitroaniline	15.310	138	569423	25.090	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.375	198	411243	22.165	ng/ul#	89
67) N-Nitrosodiphenylamine	15.498	169	2140127	21.465	ng/ul	99
68) 4-Bromophenyl-phenylether	16.181	248	652390	20.915	ng/ul#	84
69) Hexachlorobenzene	16.298	284	767722	20.531	ng/ul#	84
70) Atrazine	16.463	200	732965	22.418	ng/ul	96
71) Pentachlorophenol	16.639	266	463543	21.717	ng/ul	90
72) Phenanthrene	17.022	178	3798310	20.779	ng/ul	98
74) Anthracene	17.116	178	3818492	21.043	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	948914	20.659	ng/uL	98
76) Pentachlorobenzene	14.563	250	899732	20.952	ng/uL	97
77) Carbazole	17.386	167	3635931	22.765	ng/ul	97
78) Di-n-butylphthalate	17.969	149	4600091	23.429	ng/ul	100
80) Fluoranthene	19.045	202	4311838	21.221	ng/ul#	90
82) Pyrene	19.410	202	4469944	21.591	ng/ul#	88
83) Butylbenzylphthalate	20.327	149	2017476	23.508	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.104	252	1353669	24.032	ng/ul#	92
85) Benzo(a)anthracene	21.163	228	4044730	21.145	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.116	149	3027591	23.194	ng/ul#	94
87) Chrysene	21.216	228	3957410	21.008	ng/ul	98
89) Di-n-octyl phthalate	21.992	149	5170213	23.322	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	4372331	22.045	ng/ul#	96
91) Benzo(k)fluoranthene	22.780	252	4107732	22.333	ng/ul#	93
93) Benzo(a)pyrene	23.310	252	4143071	21.905	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.662	276	4566730	21.832	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.674	278	3898672	22.104	ng/ul#	92
96) Benzo(g,h,i)perylene	26.351	276	4035899	23.027	ng/ul#	93

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

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