Quantitation Report (Qedit)

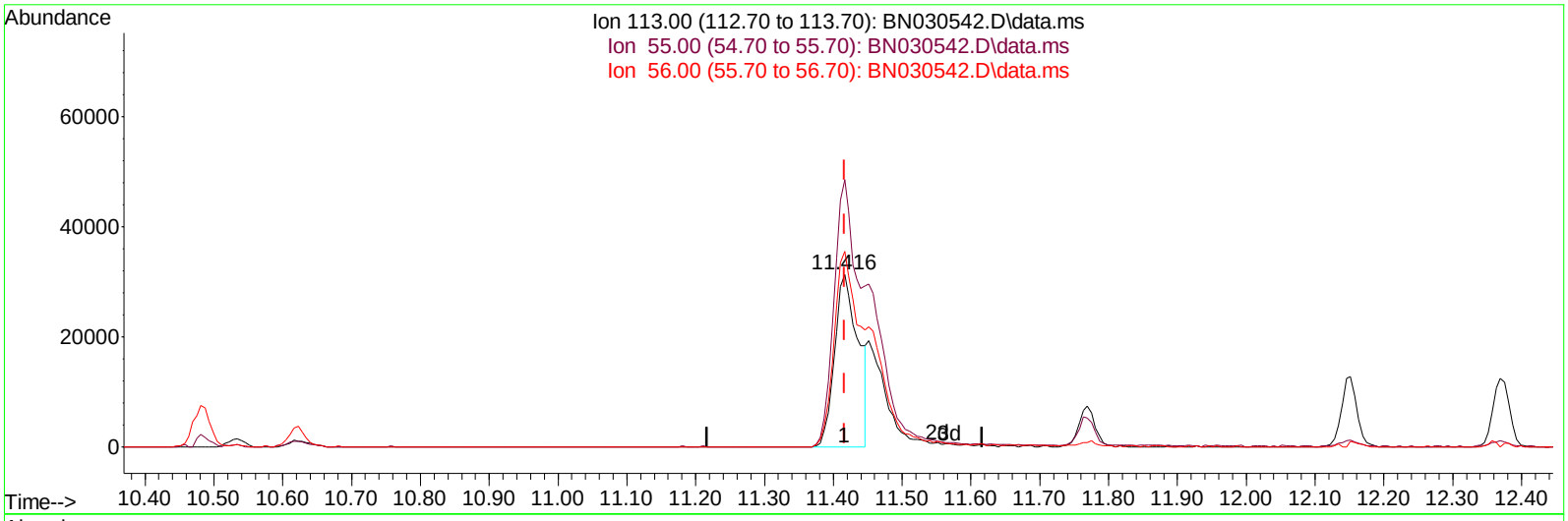
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033124\
Data File : BN030542.D
Acq On : 30 Mar 2024 09:31
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

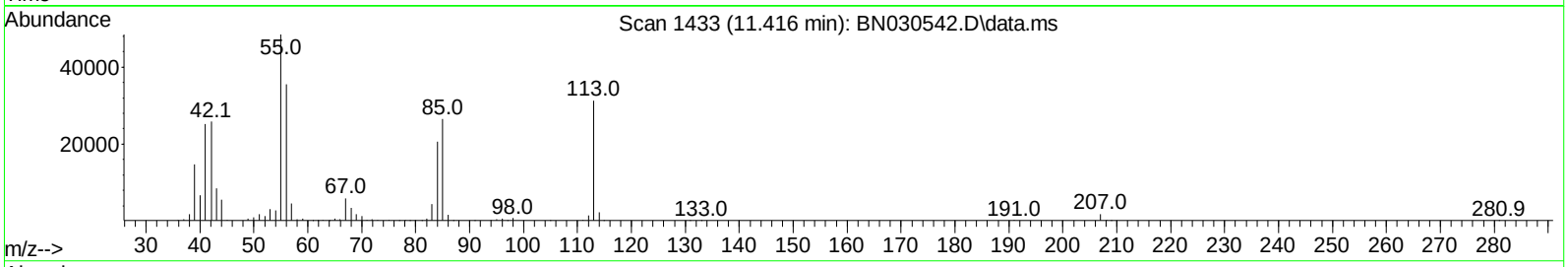
Quant Time: Mar 31 12:25:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

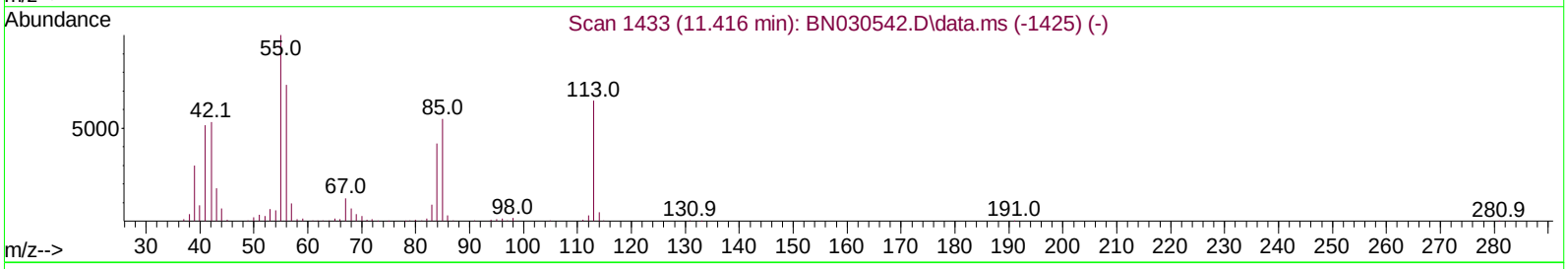
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BN030542.D\data.ms

(34) Caprolactam

11.416min (0.000) 12.07 ng/ul

response 74248

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	154.79
56.00	113.20	113.41
0.00	0.00	0.00

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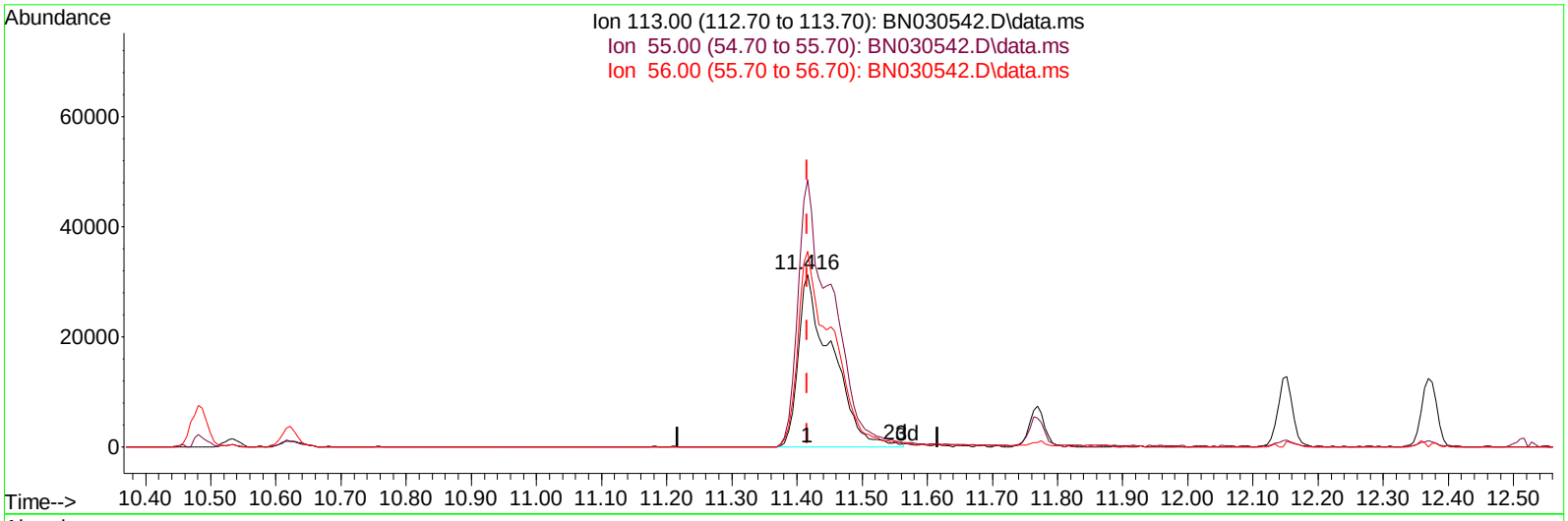

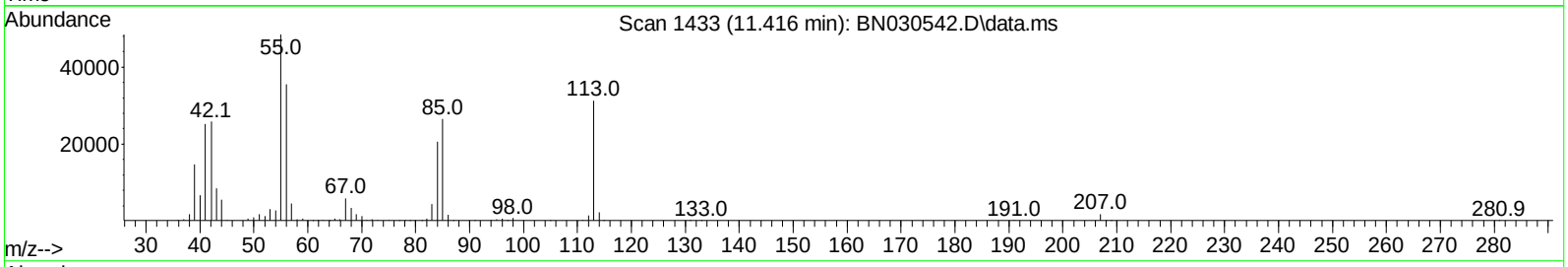

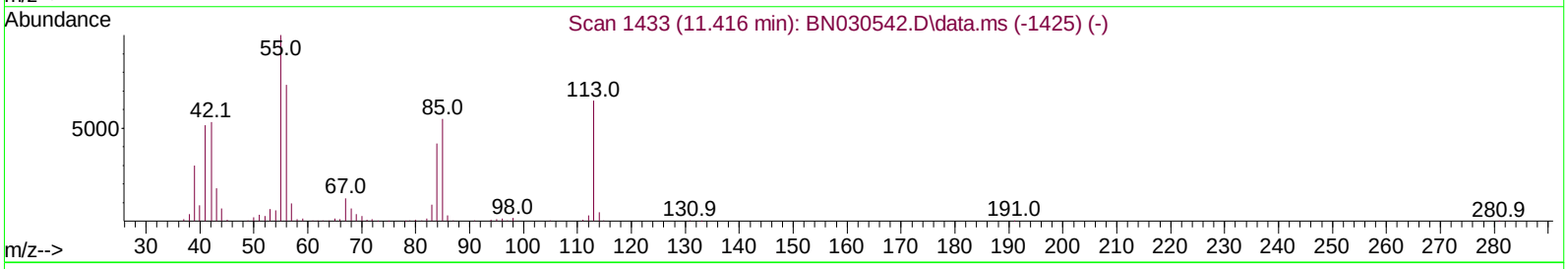

TIC: BN030542.D\data.ms

(34) Caprolactam

11.416min (0.000) 18.09 ng/ul m

response 111275

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	154.79
56.00	113.20	113.41
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Instrument :
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LabSampleId :
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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	7.699	152	264500	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1161064	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	768979	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1595103	20.000	ng/ul	0.00
79) Chrysene-d12	21.328	240	1605105	20.000	ng/ul	0.00
88) Perylene-d12	24.274	264	1800362	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	46860	8.306	ng/uL	0.00
4) Pyridine-d5	3.599	84	342825	20.268	ng/ul	0.00
7) Phenol-d5	6.864	99	420970	19.674	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	266723	20.182	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	337205	20.775	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	341068	19.019	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	168096	20.871	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	154982	21.034	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	338611	20.992	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	541653	20.397	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1066284	20.769	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1267361	21.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	201567	20.525	ng/ul	0.00
60) Fluorene-d10	15.340	176	941407	20.954	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	132160	18.771	ng/ul	0.00
73) Anthracene-d10	17.187	188	1492881	21.722	ng/ul	0.00
81) Pyrene-d10	19.486	212	1761773	20.415	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	1763945	21.264	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	51153	8.465	ng/uL	97
5) Pyridine	3.623	79	349261	20.463	ng/ul	99
6) Benzaldehyde	6.846	77	252535	25.344	ng/ul	97
8) Phenol	6.887	94	439687	19.726	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.128	93	368036	20.248	ng/ul	100
12) 2-Chlorophenol	7.264	128	361025	20.734	ng/ul	96
13) 2-Methylphenol	8.134	108	334375	19.467	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	509420	19.903	ng/ul	99
16) Acetophenone	8.516	105	564023	19.921	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.505	70	284213	19.931	ng/ul	98
18) 4-Methylphenol	8.463	108	370497	19.268	ng/ul	99
19) Hexachloroethane	8.769	117	151668	20.776	ng/ul	98
22) Nitrobenzene	8.893	77	414872	21.101	ng/ul	99
23) Isophorone	9.416	82	799019	20.378	ng/ul	99
25) 2-Nitrophenol	9.599	139	181815	20.996	ng/ul	98
26) 2,4-Dimethylphenol	9.663	107	396733	20.613	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.905	93	516247	20.708	ng/ul	100
29) 2,4-Dichlorophenol	10.128	162	342324	20.792	ng/ul	99
30) Naphthalene	10.534	128	1238476	20.798	ng/ul	100
32) 4-Chloroaniline	10.646	127	520456	20.336	ng/ul	100
33) Hexachlorobutadiene	10.816	225	214511	20.699	ng/ul	99
34) Caprolactam	11.416	113	111275m	18.091	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	377509	20.357	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.152	142	847234	20.373	ng/ul	98
37) 1-Methylnaphthalene	12.369	142	854660	20.245	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	423537	21.342	ng/ul	94
40) Hexachlorocyclopentadiene	12.499	237	243903	21.642	ng/ul	94
41) 2,4,6-Trichlorophenol	12.763	196	267428	21.565	ng/ul	96
42) 2,4,5-Trichlorophenol	12.828	196	296484	21.170	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	1131549	21.589	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	885757	21.468	ng/ul	100
45) 2-Nitroaniline	13.422	65	231669	21.098	ng/ul	99
47) Dimethylphthalate	13.804	163	1112537	20.977	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	210940	21.452	ng/ul	95
50) Acenaphthylene	14.063	152	1469756	21.549	ng/ul	98
51) 3-Nitroaniline	14.251	138	225365	21.593	ng/ul	100
52) Acenaphthene	14.404	153	966493	21.264	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	79246	17.546	ng/ul	98
55) 4-Nitrophenol	14.551	109	160685	20.652	ng/ul	93
56) Dibenzofuran	14.740	168	1312469	20.773	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	315980	22.010	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.963	232	246736	21.213	ng/ul	95
59) Diethylphthalate	15.175	149	1127995	20.936	ng/ul	100
61) Fluorene	15.393	166	1080330	21.512	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.393	204	517831	21.017	ng/ul	98
63) 4-Nitroaniline	15.416	138	236862	23.344	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	150148	19.847	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	937207	21.575	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	324846	21.447	ng/ul	98
69) Hexachlorobenzene	16.387	284	372073	20.861	ng/ul	96
70) Atrazine	16.563	200	324857	21.576	ng/ul	98
71) Pentachlorophenol	16.734	266	214435	20.391	ng/ul	98
72) Phenanthrene	17.134	178	1762844	21.511	ng/ul	99
74) Anthracene	17.222	178	1774923	21.424	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	425081	21.692	ng/uL	98
76) Pentachlorobenzene	14.657	250	421578	21.180	ng/uL	92
77) Carbazole	17.492	167	1641851	22.598	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1944328	21.937	ng/ul	100
80) Fluoranthene	19.151	202	2084727	20.322	ng/ul	98
82) Pyrene	19.516	202	2138440	19.738	ng/ul	100
83) Butylbenzylphthalate	20.433	149	873721	21.118	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	658039	22.312	ng/ul	97
85) Benzo(a)anthracene	21.310	228	2197253	20.512	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.251	149	1318679	21.612	ng/ul	98
87) Chrysene	21.375	228	2095202	20.722	ng/ul	97
89) Di-n-octyl phthalate	22.375	149	2170416	19.037	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2201807	20.781	ng/ul	98
91) Benzo(k)fluoranthene	23.404	252	2269291	21.089	ng/ul	100
93) Benzo(a)pyrene	24.139	252	2136601	21.347	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.586	276	2465104	22.784	ng/ul	99
95) Dibenzo(a,h)anthracene	27.651	278	2129841	23.384	ng/ul	99
96) Benzo(g,h,i)perylene	28.615	276	1958049	23.052	ng/ul	98

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

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