Quantitation Report (Qedit)

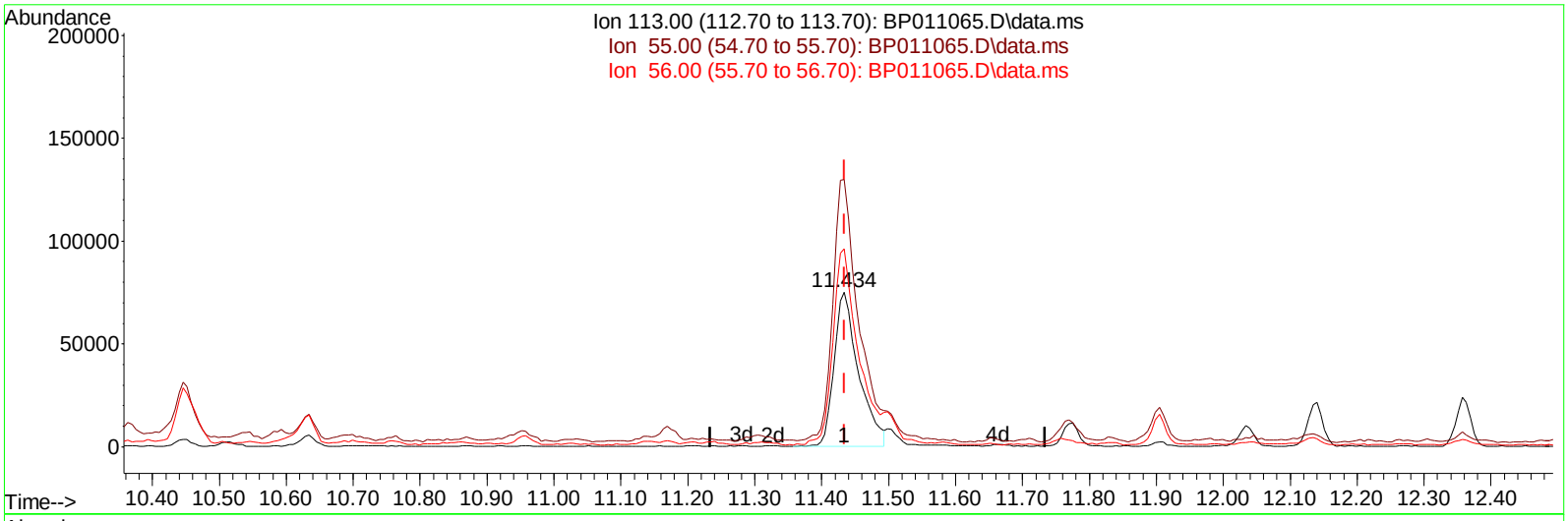
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072122\
Data File : BP011065.D
Acq On : 21 Jul 2022 16:45
Operator : CG/JU
Sample : N3709-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

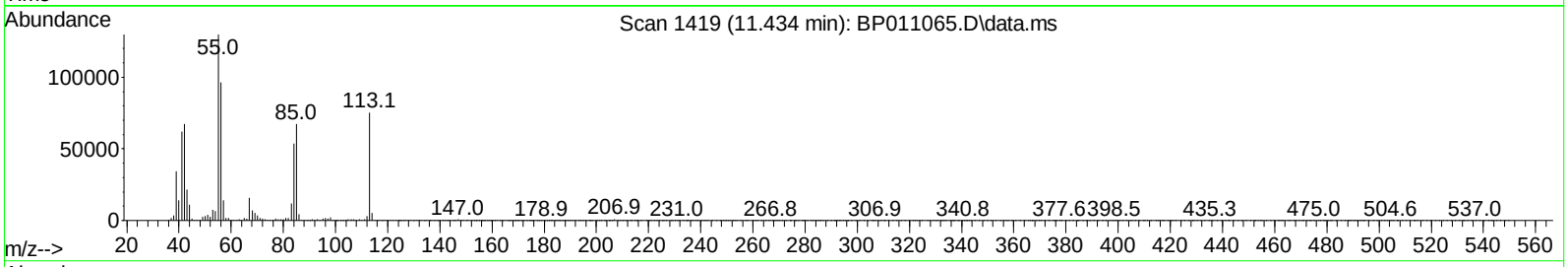
Quant Time: Jul 21 23:24:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 03:25:54 2022
Response via : Initial Calibration

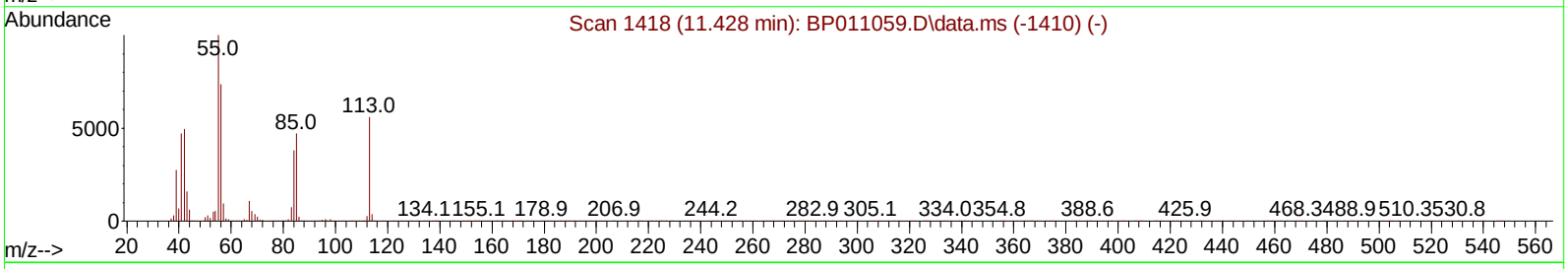
Instrument :
BNA_P
ClientSampleId :
H0B25MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/22/2022
Supervised By :mohammad ahmed 07/22/2022







TIC: BP011065.D\data.ms

(34) Caprolactam

11.434min (+ 0.000) 28.69 ng/ul

response 191826

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	172.44
56.00	137.80	127.89
0.00	0.00	0.00

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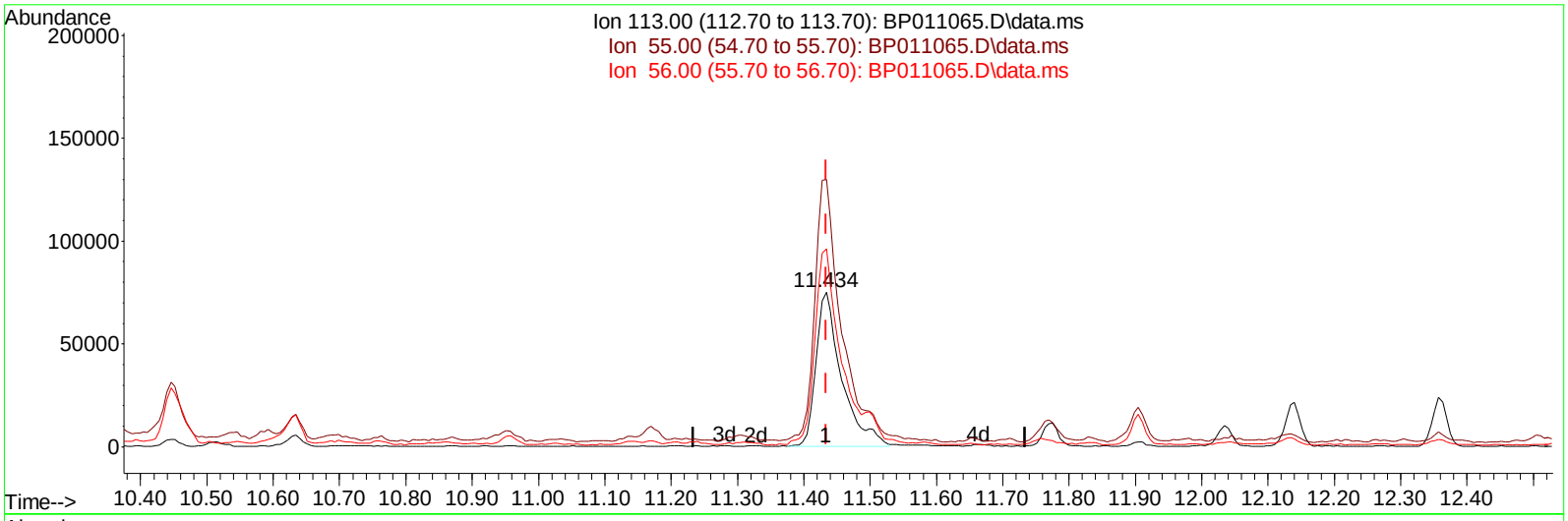

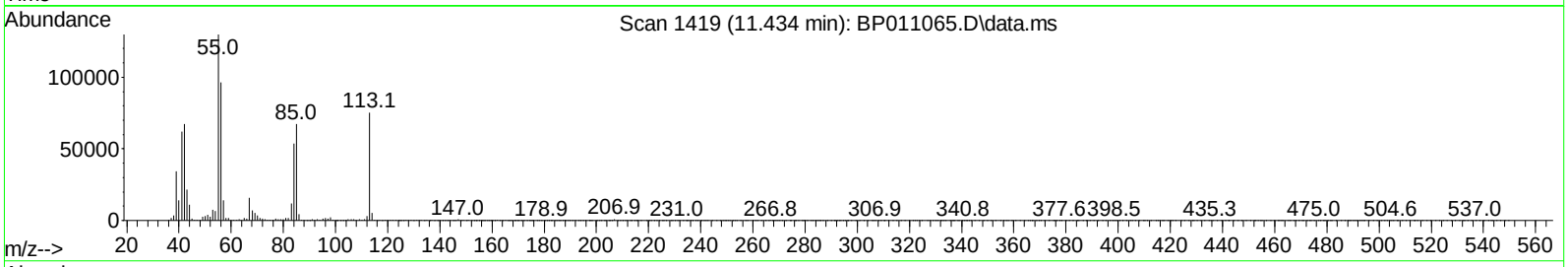

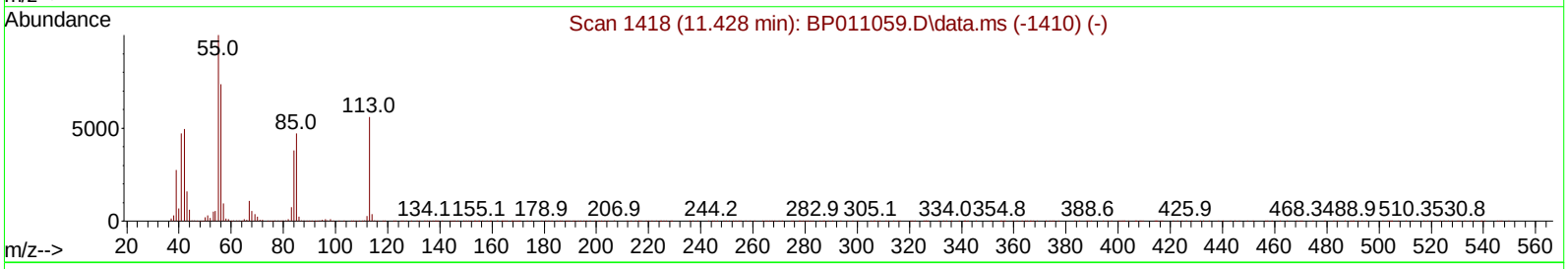

TIC: BP011065.D\data.ms

(34) Caprolactam

11.434min (+ 0.000) 30.27 ng/ul m

response 202425

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	172.44
56.00	137.80	127.89
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	7.675	152	348367	20.000	ng/ul		0.00
20) Naphthalene-d8	10.463	136	1397883	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.334	164	778745	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.104	188	1507270	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.227	240	1315475	20.000	ng/ul	#	0.00
88) Perylene-d12	23.580	264	1431720	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.181	96	30537	3.160	ng/uL		0.00
4) Pyridine-d5	3.593	84	171655	6.873	ng/ul		0.00
7) Phenol-d5	6.852	99	600210	20.989	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	409621	22.276	ng/ul		0.00
11) 2-Chlorophenol-d4	7.205	132	499189	21.604	ng/ul		0.00
15) 4-Methylphenol-d8	8.393	113	473578	20.687	ng/ul		0.00
21) Nitrobenzene-d5	8.834	128	245997	24.148	ng/ul		0.00
24) 2-Nitrophenol-d4	9.552	143	246626	24.466	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.093	165	440189	23.879	ng/ul		0.00
31) 4-Chloroaniline-d4	10.610	131	562887	18.522	ng/ul		0.00
46) Dimethylphthalate-d6	13.757	166	1277193	23.996	ng/ul		0.00
49) Acenaphthylene-d8	14.022	160	1640736	26.127	ng/ul		0.00
54) 4-Nitrophenol-d4	14.551	143	192593	17.879	ng/ul		0.00
60) Fluorene-d10	15.334	176	1121514	24.790	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	135244	18.133	ng/ul		0.00
73) Anthracene-d10	17.204	188	1651114	25.767	ng/ul		0.00
81) Pyrene-d10	19.457	212	1807305	26.159	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.427	264	1838957	26.743	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	86302	8.512	ng/uL#		86
5) Pyridine	3.611	79	371599	14.437	ng/ul#		72
6) Benzaldehyde	6.822	77	566525	40.786	ng/ul		94
8) Phenol	6.881	94	794247	26.130	ng/ul#		86
10) Bis(2-Chloroethyl)ether	7.111	93	659761	27.349	ng/ul		90
12) 2-Chlorophenol	7.240	128	646639	27.073	ng/ul		92
13) 2-Methylphenol	8.122	108	580026	25.803	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.211	45	902850	27.363	ng/ul#		96
16) Acetophenone	8.499	105	1000625	28.873	ng/ul#		90
17) N-Nitroso-di-n-propyla...	8.487	70	490940	28.233	ng/ul		90
18) 4-Methylphenol	8.452	108	625827	26.076	ng/ul		94
19) Hexachloroethane	8.746	117	266348	28.179	ng/ul#		81
22) Nitrobenzene	8.875	77	710196	29.645	ng/ul		94
23) Isophorone	9.405	82	1359291	30.316	ng/ul		99
25) 2-Nitrophenol	9.587	139	342905	30.306	ng/ul#		83
26) 2,4-Dimethylphenol	9.652	107	502290	20.992	ng/ul		96
27) Bis(2-Chloroethoxy)met...	9.893	93	845424	28.492	ng/ul		97
29) 2,4-Dichlorophenol	10.116	162	545373	28.583	ng/ul		100
30) Naphthalene	10.516	128	2133629	29.952	ng/ul		100
32) 4-Chloroaniline	10.634	127	850012	28.277	ng/ul		98
33) Hexachlorobutadiene	10.799	225	330232	29.733	ng/ul		96
34) Caprolactam	11.434	113	202425m	30.272	ng/ul		
35) 4-Chloro-3-methylphenol	11.769	107	631742	29.297	ng/ul		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1396084	30.231	ng/ul	99
37) 1-Methylnaphthalene	12.357	142	1391081	30.052	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	601872	29.304	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	287810	22.624	ng/ul	95
41) 2,4,6-Trichlorophenol	12.757	196	406374	30.044	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	423450	29.294	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	1746065	30.050	ng/ul#	98
44) 2-Chloronaphthalene	13.204	162	1298859	29.760	ng/ul	98
45) 2-Nitroaniline	13.416	65	395669	31.117	ng/ul#	83
47) Dimethylphthalate	13.804	163	1571443	29.260	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	313148	32.206	ng/ul	95
50) Acenaphthylene	14.051	152	2126964	30.185	ng/ul	98
51) 3-Nitroaniline	14.251	138	318049	27.226	ng/ul	91
52) Acenaphthene	14.398	153	1400545	30.003	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	129044	22.685	ng/ul#	85
55) 4-Nitrophenol	14.569	109	227537	27.590	ng/ul#	79
56) Dibenzofuran	14.740	168	1918229	29.780	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	442486	31.904	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.969	232	336459	29.722	ng/ul#	88
59) Diethylphthalate	15.181	149	1678181	30.427	ng/ul	98
61) Fluorene	15.393	166	1588066	30.721	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.393	204	709522	29.815	ng/ul	94
63) 4-Nitroaniline	15.422	138	350175	32.617	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.475	198	205750	26.890	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	1335878	31.026	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	423094	31.124	ng/ul	94
69) Hexachlorobenzene	16.398	284	477729	30.279	ng/ul	94
70) Atrazine	16.581	200	483684	32.474	ng/ul	97
71) Pentachlorophenol	16.751	266	245435	25.259	ng/ul	97
72) Phenanthrene	17.145	178	2467384	31.421	ng/ul	98
74) Anthracene	17.239	178	2390084	30.597	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	605446	28.059	ng/uL	98
76) Pentachlorobenzene	14.651	250	574858	30.392	ng/uL	99
77) Carbazole	17.516	167	2296834	31.416	ng/ul	99
78) Di-n-butylphthalate	18.086	149	3090362	33.816	ng/ul	99
80) Fluoranthene	19.133	202	2774700	34.338	ng/ul#	87
82) Pyrene	19.486	202	2727581	32.717	ng/ul#	82
83) Butylbenzylphthalate	20.386	149	1413945	38.018	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.151	252	647481	27.797	ng/ul#	97
85) Benzo(a)anthracene	21.216	228	2576234	32.157	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.151	149	3781382	68.143	ng/ul#	96
87) Chrysene	21.263	228	2512849	31.944	ng/ul	99
89) Di-n-octyl phthalate	22.063	149	3744936	39.002	ng/ul	100
90) Benzo(b)fluoranthene	22.863	252	2687605	30.402	ng/ul#	94
91) Benzo(k)fluoranthene	22.916	252	2555279	30.773	ng/ul#	92
93) Benzo(a)pyrene	23.480	252	2679250	31.558	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.021	276	3095664	31.376	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	2635920	30.875	ng/ul#	90
96) Benzo(g,h,i)perylene	26.768	276	2498276	29.730	ng/ul#	86

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

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