Quantitation Report (Qedit)

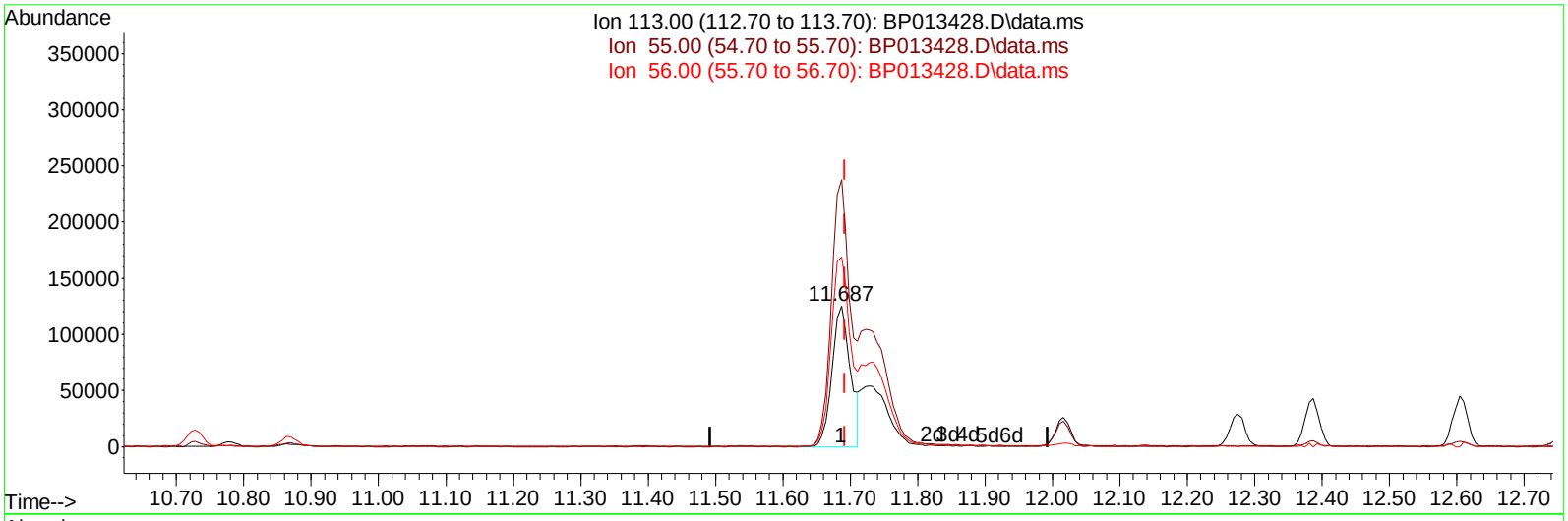
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013428.D
Acq On : 10 Jan 2023 15:16
Operator : CG/JU
Sample : 01050-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

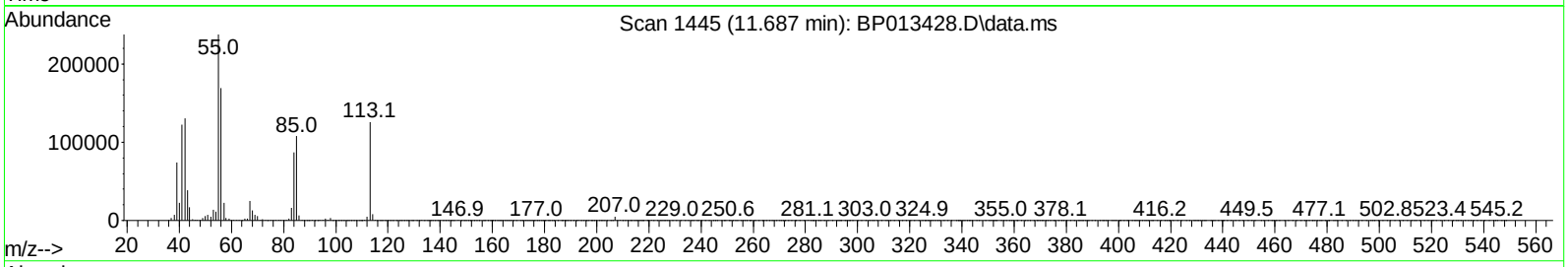
Quant Time: Jan 10 23:20:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

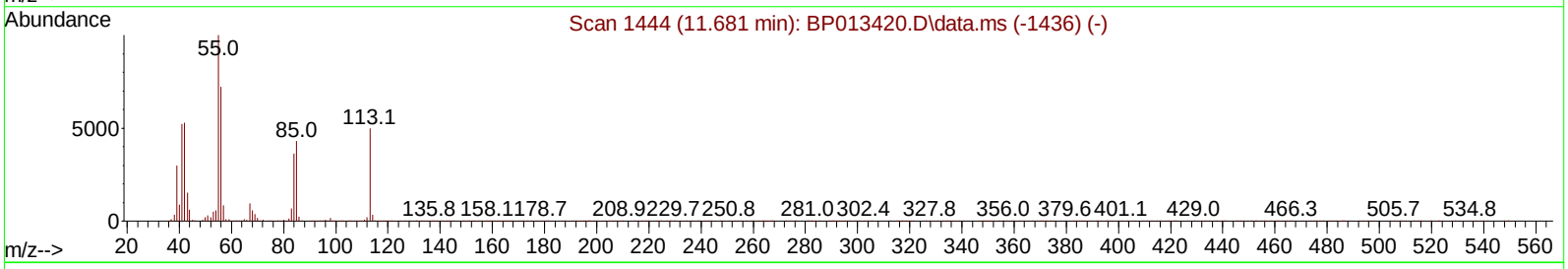
Instrument :
BNA_P
ClientSampleId :
A4479MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023







TIC: BP013428.D\data.ms

(34) Caprolactam

11.687min (-0.006) 25.39 ng/ul

response 239797

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	189.47
56.00	146.40	134.81
0.00	0.00	0.00

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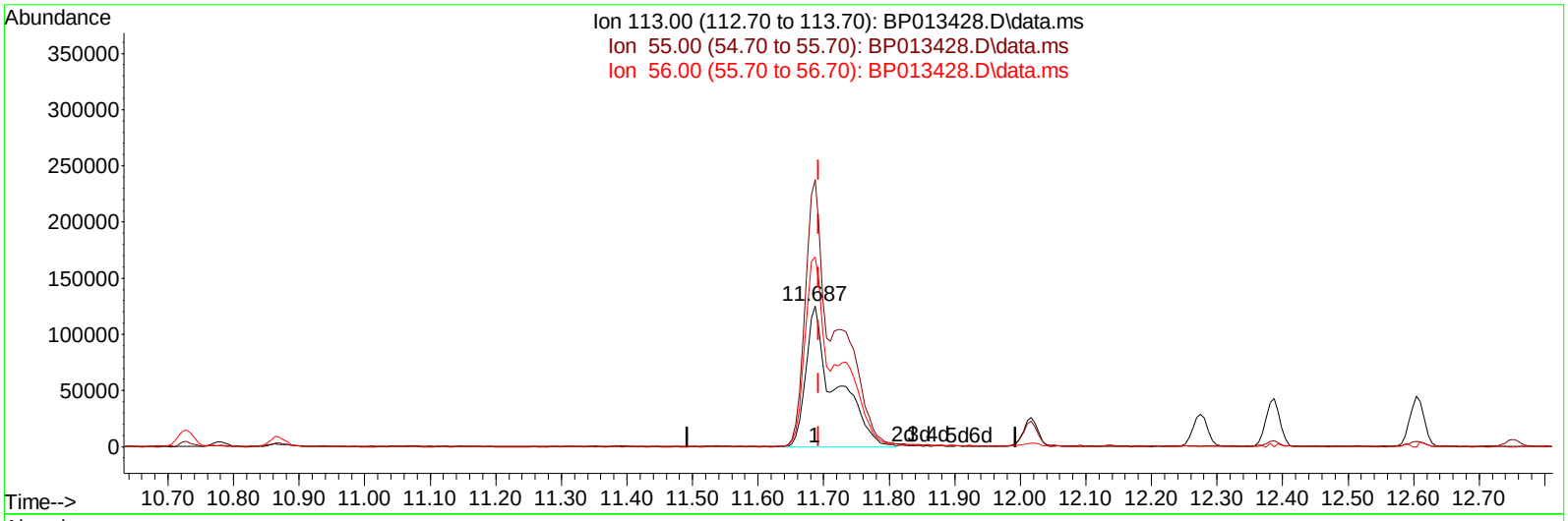

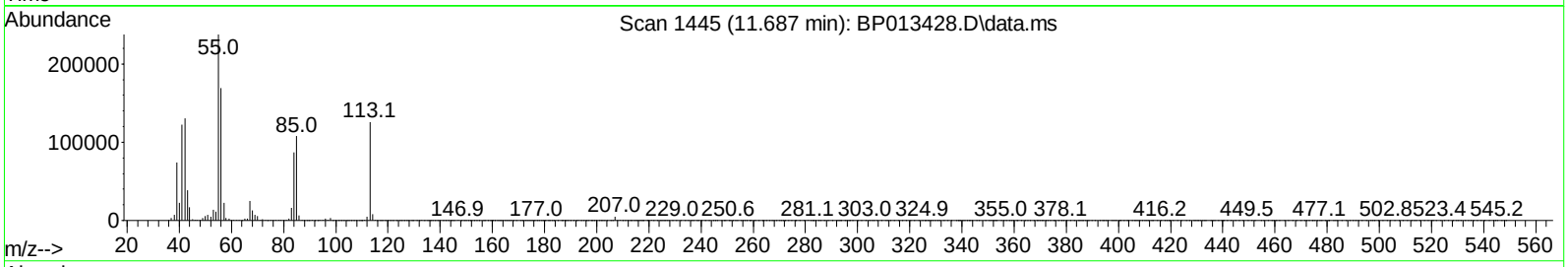

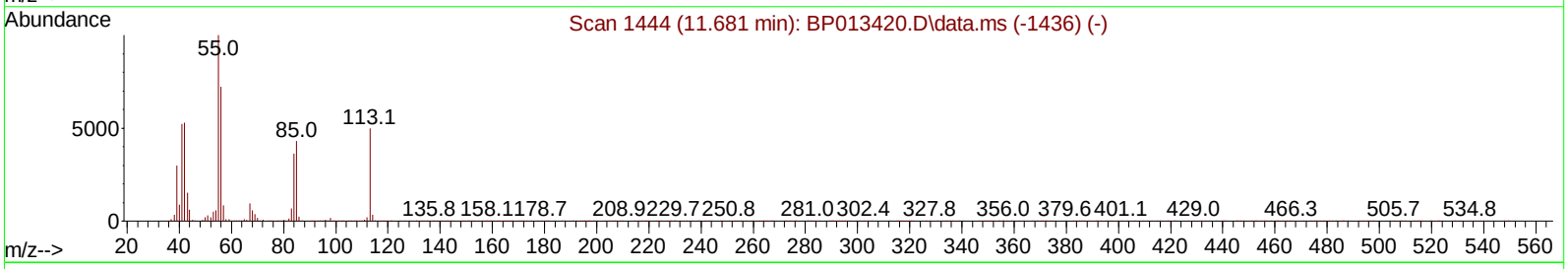

TIC: BP013428.D\data.ms

(34) Caprolactam

11.687min (-0.006) 41.61 ng/ul m

response 392927

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	195.50	189.47
56.00	146.40	134.81
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	7.916	152	489634	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	2042590	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	1336454	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	3022485	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	2992563	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	3402450	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	68444	5.434	ng/uL	0.00
4) Pyridine-d5	3.734	84	893121	25.420	ng/ul	0.00
7) Phenol-d5	7.075	99	1330200	32.740	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	847656	33.070	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	1057481	34.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	1016865	32.851	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	514792	35.396	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	589781	37.045	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	1120210	35.306	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	1306209	29.223	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	3396688	34.884	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	3758604	34.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	565029	31.703	ng/ul	0.00
60) Fluorene-d10	15.557	176	2881623	33.505	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	594295	31.010	ng/ul	0.00
73) Anthracene-d10	17.422	188	4591108	34.366	ng/ul	0.00
81) Pyrene-d10	19.657	212	5668251	34.813	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	5752066	34.417	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	173022	12.472	ng/uL	100
5) Pyridine	3.758	79	1200712	33.796	ng/ul	95
6) Benzaldehyde	7.052	77	878335	56.681	ng/ul	96
8) Phenol	7.105	94	1598532	38.030	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.340	93	1263377	38.010	ng/ul	100
12) 2-Chlorophenol	7.475	128	1246242	39.483	ng/ul	97
13) 2-Methylphenol	8.364	108	1187344	39.334	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.452	45	2020077	39.386	ng/ul	98
16) Acetophenone	8.746	105	1893392	38.756	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.734	70	992129	42.477	ng/ul	98
18) 4-Methylphenol	8.693	108	1299096	39.153	ng/ul	100
19) Hexachloroethane	8.999	117	506515	39.827	ng/ul	99
22) Nitrobenzene	9.128	77	1438425	37.891	ng/ul	98
23) Isophorone	9.658	82	2775516	41.777	ng/ul	99
25) 2-Nitrophenol	9.840	139	723140	41.777	ng/ul	99
26) 2,4-Dimethylphenol	9.899	107	1384224	38.332	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.140	93	1728621	39.374	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	1254440	39.519	ng/ul	99
30) Naphthalene	10.781	128	3967611	36.514	ng/ul	99
32) 4-Chloroaniline	10.893	127	1514074	33.691	ng/ul	99
33) Hexachlorobutadiene	11.057	225	848347	37.217	ng/ul	96
34) Caprolactam	11.687	113	392927m	41.607	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	1308093	42.698	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	2739562	39.423	ng/ul	99
37) 1-Methylnaphthalene	12.604	142	2724852	37.802	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.752	216	1630873	35.595	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	937888	34.026	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	1082484	40.163	ng/ul	98
42) 2,4,5-Trichlorophenol	13.063	196	1169335	39.868	ng/ul	98
43) 1,1'-Biphenyl	13.393	154	3704362	36.509	ng/ul	100
44) 2-Chloronaphthalene	13.440	162	2944966	35.969	ng/ul	100
45) 2-Nitroaniline	13.646	65	878783	44.353	ng/ul	98
47) Dimethylphthalate	14.016	163	3790637	38.966	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	772428	45.853	ng/ul	93
50) Acenaphthylene	14.287	152	4556194	38.358	ng/ul	100
51) 3-Nitroaniline	14.475	138	739940	41.469	ng/ul	95
52) Acenaphthene	14.628	153	3124861	36.756	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	515065	41.076	ng/ul	96
55) 4-Nitrophenol	14.781	109	541261	39.955	ng/ul	97
56) Dibenzofuran	14.963	168	4450812	36.452	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	1127378	45.022	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.187	232	1057096	41.315	ng/ul	98
59) Diethylphthalate	15.381	149	3782032	41.537	ng/ul	100
61) Fluorene	15.610	166	3638026	37.327	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	1913039	37.587	ng/ul	96
63) 4-Nitroaniline	15.640	138	812319	49.240	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.698	198	735707	38.891	ng/ul#	95
67) N-Nitrosodiphenylamine	15.822	169	3142601	38.444	ng/ul	100
68) 4-Bromophenyl-phenylether	16.504	248	1244909	39.764	ng/ul	96
69) Hexachlorobenzene	16.622	284	1430907	37.906	ng/ul	98
70) Atrazine	16.781	200	1250480	40.015	ng/ul	98
71) Pentachlorophenol	16.969	266	888811	39.557	ng/ul	97
72) Phenanthrene	17.363	178	5980973	37.221	ng/ul	99
74) Anthracene	17.457	178	6021437	37.936	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	1661297	36.397	ng/uL	99
76) Pentachlorobenzene	14.881	250	1583099	35.623	ng/uL	99
77) Carbazole	17.728	167	5450389	39.645	ng/ul	100
78) Di-n-butylphthalate	18.269	149	6805681	50.477	ng/ul	99
80) Fluoranthene	19.328	202	7413854	39.784	ng/ul	99
82) Pyrene	19.686	202	7604192	38.511	ng/ul	99
83) Butylbenzylphthalate	20.551	149	3184066	53.142	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.322	252	2247490	40.752	ng/ul	99
85) Benzo(a)anthracene	21.392	228	7668030	38.692	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	4855878	58.181	ng/ul	99
87) Chrysene	21.451	228	7186296	37.203	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	8132565	55.766	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	8219610	38.199	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	7789112	37.936	ng/ul	99
93) Benzo(a)pyrene	23.769	252	7194335	38.080	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.451	276	9448390	36.093	ng/ul	99
95) Dibenzo(a,h)anthracene	26.463	278	7967097	36.484	ng/ul	99
96) Benzo(g,h,i)perylene	27.239	276	7835362	36.391	ng/ul	98

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

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