Quantitation Report (Qedit)

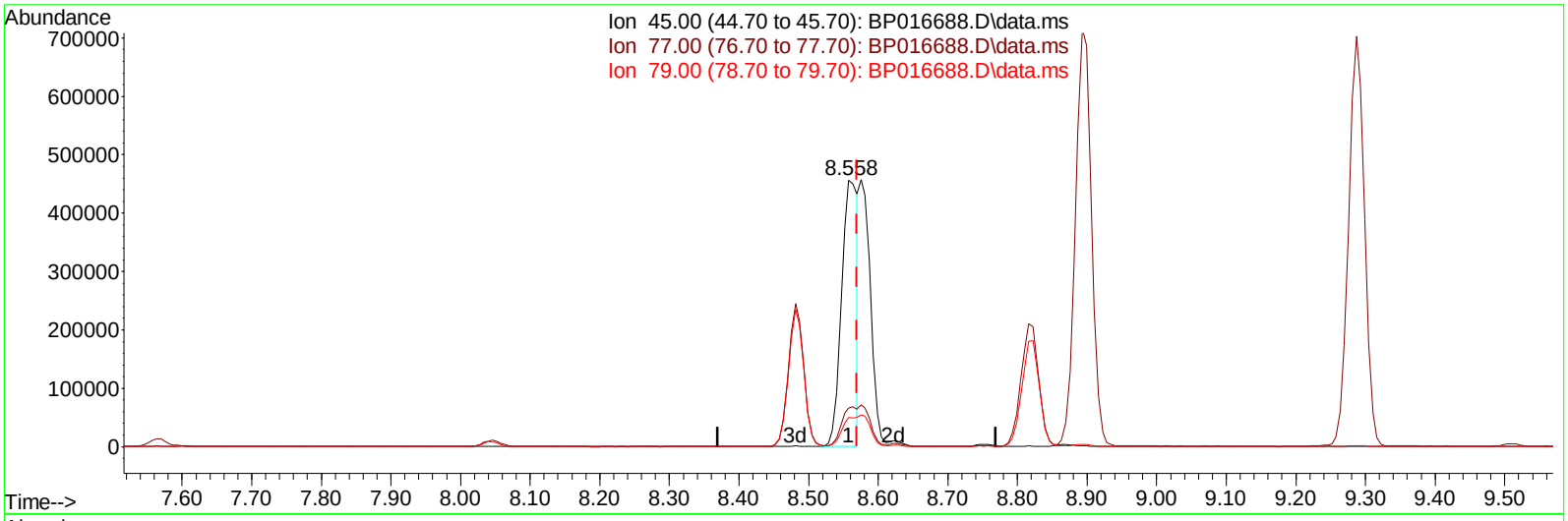
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016688.D
Acq On : 21 Aug 2023 23:04
Operator : MA/JU
Sample : PB154937BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

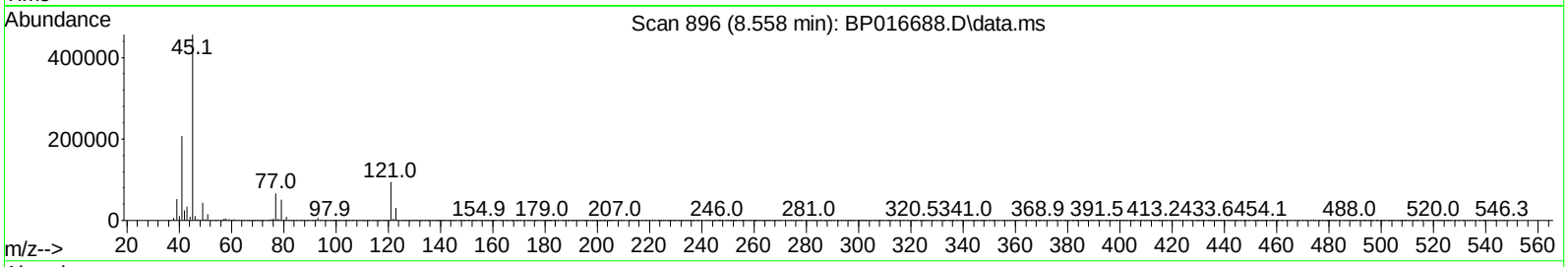
Quant Time: Aug 22 00:34:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

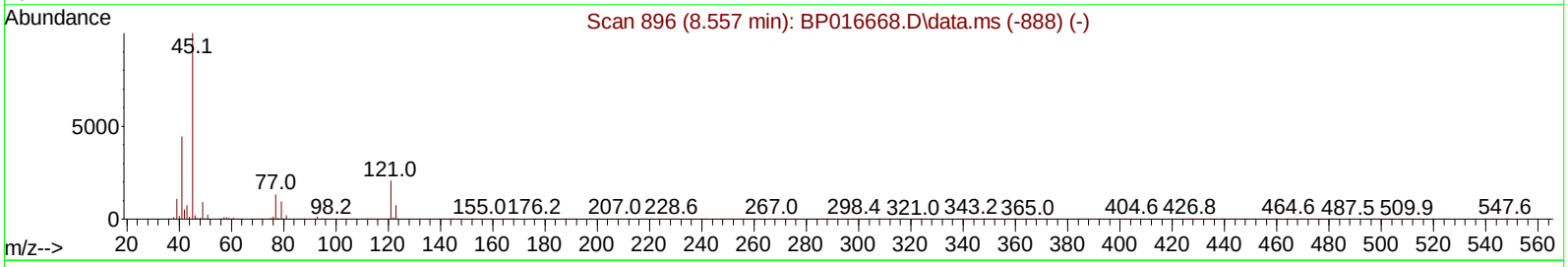
Instrument :
BNA_P
ClientSampleId :
SLCS937

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023







TIC: BP016688.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.558min (-0.012) 15.46 ng/ul

response 727292

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	14.59
79.00	10.30	11.07
0.00	0.00	0.00

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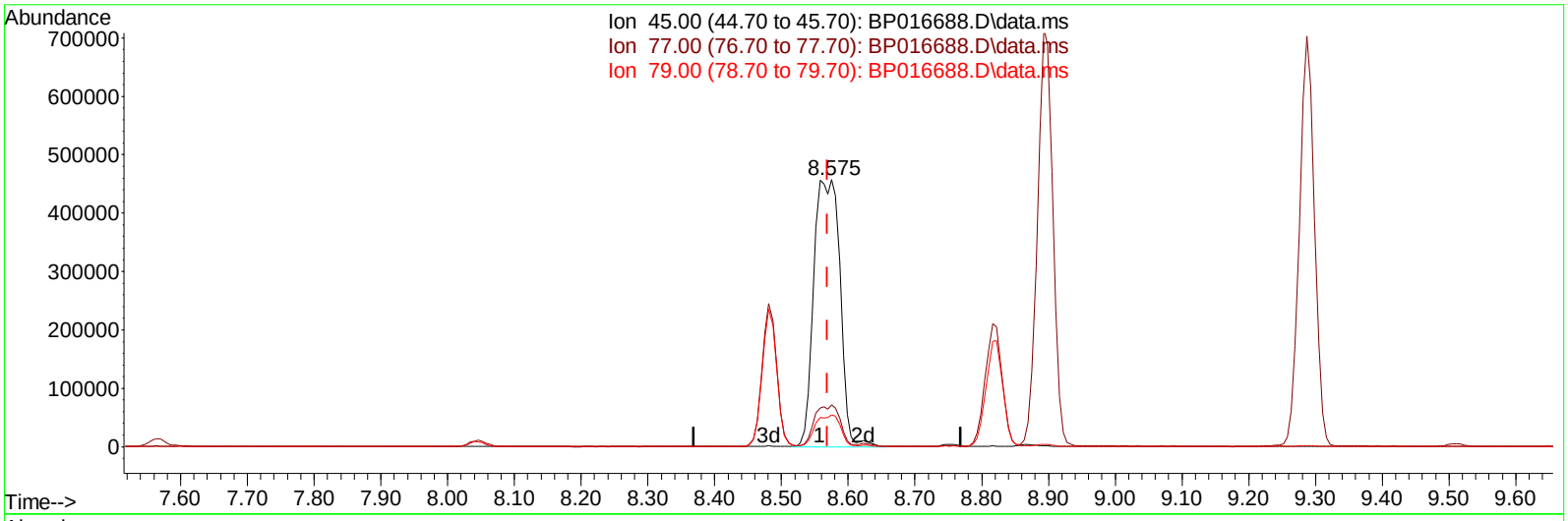

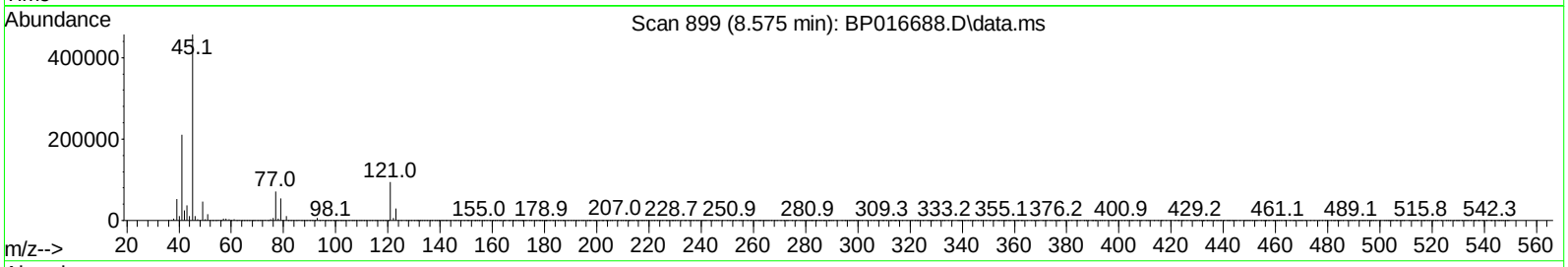

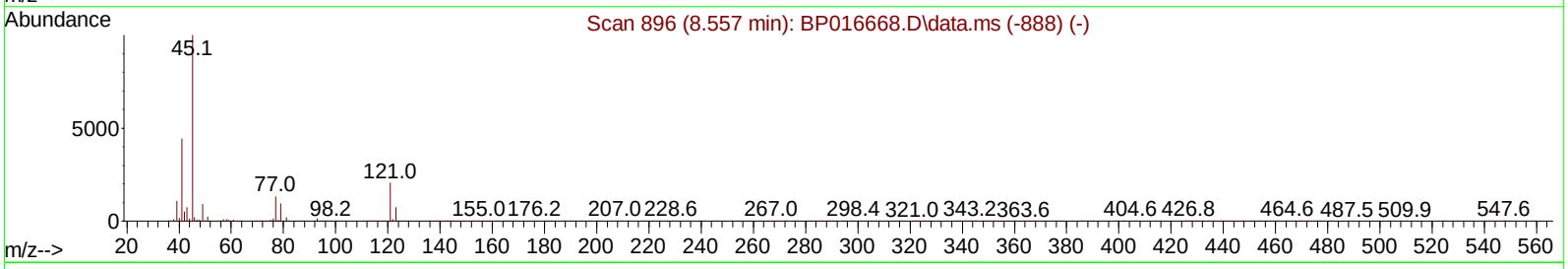

TIC: BP016688.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.575min (+ 0.006) 26.59 ng/ul m

response 1250465

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.63
79.00	10.30	11.95
0.00	0.00	0.00

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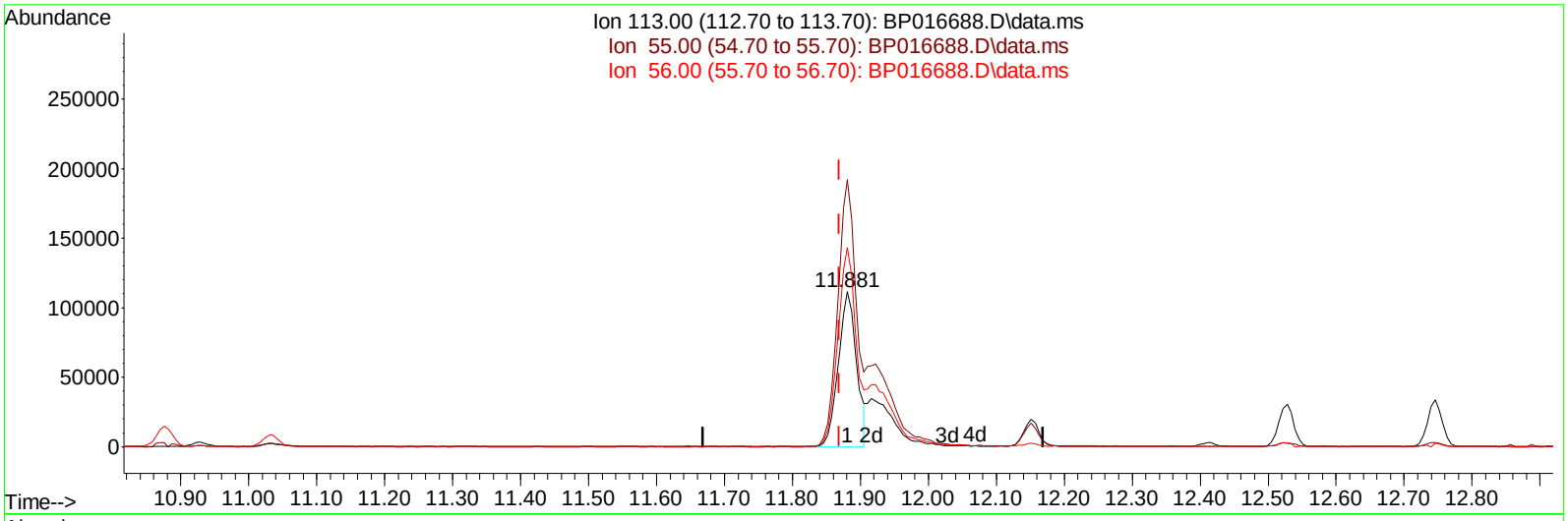

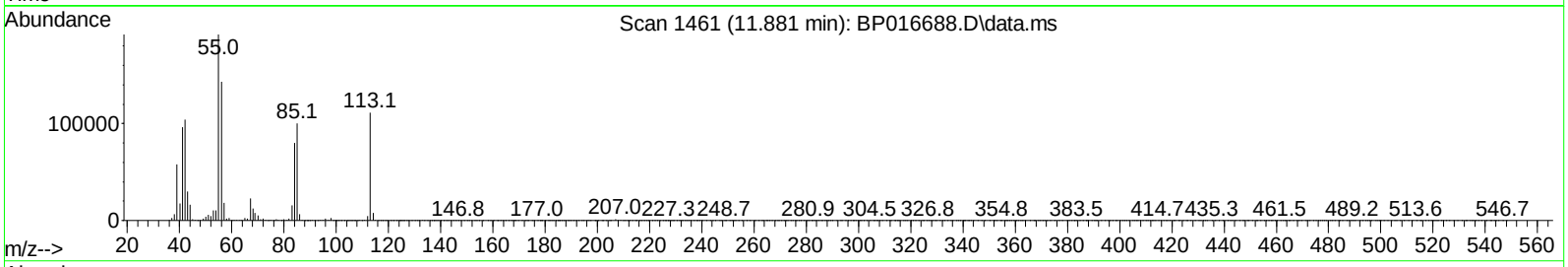

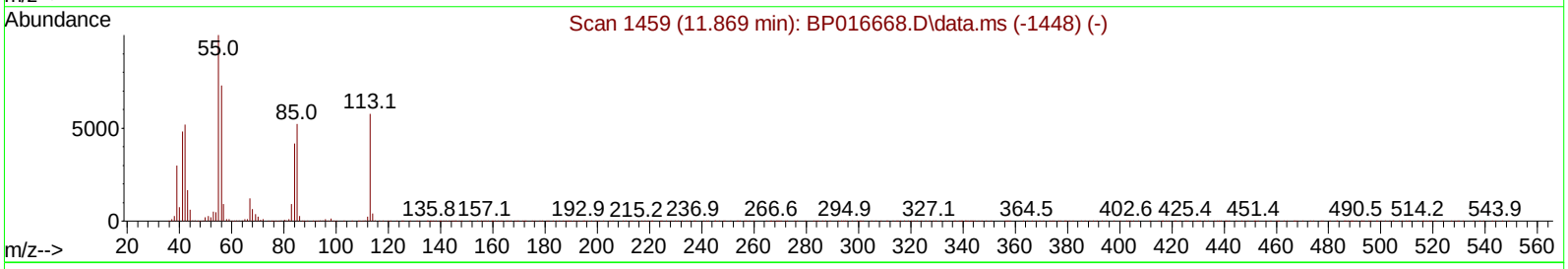

TIC: BP016688.D\data.ms

(34) Caprolactam

11.881min (+ 0.012) 20.38 ng/ul

response 207206

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	172.20
56.00	126.90	128.39
0.00	0.00	0.00

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Misc :
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Quant Time: Aug 22 00:56:03 2023
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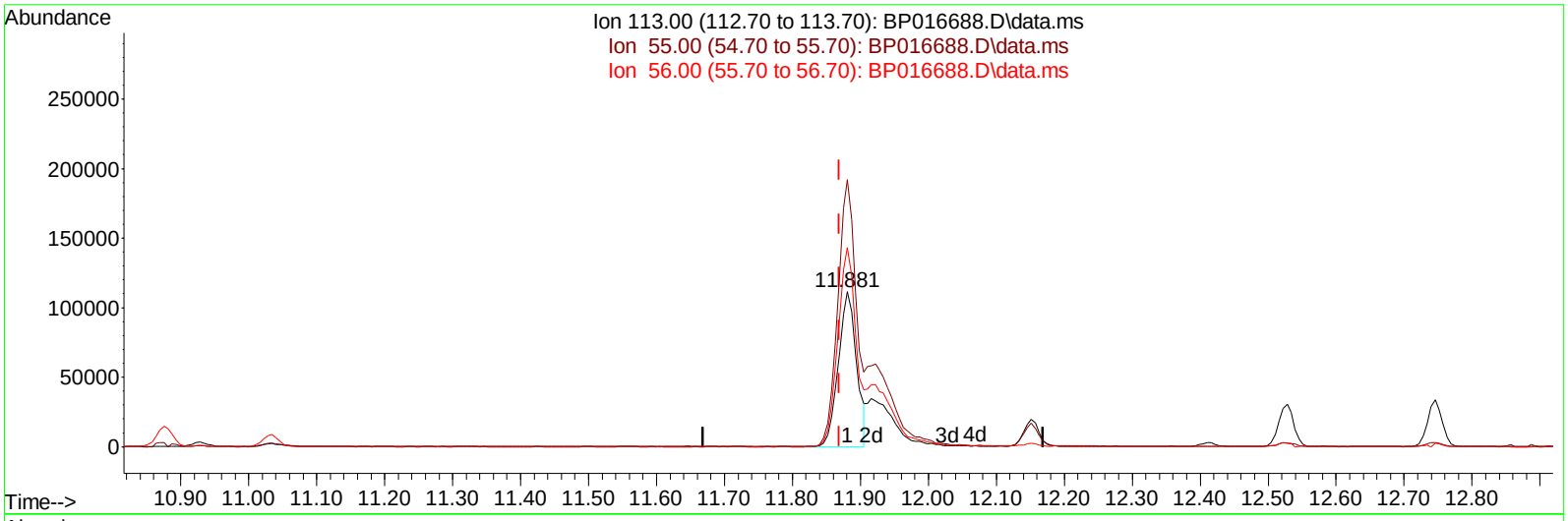

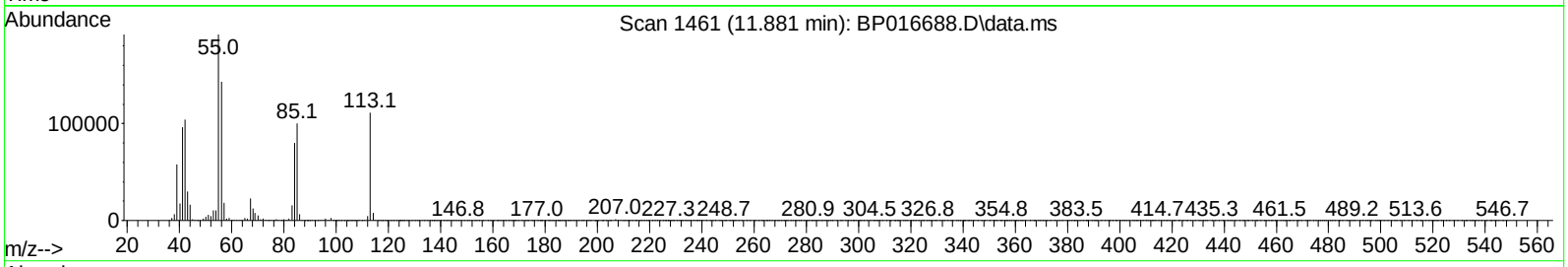

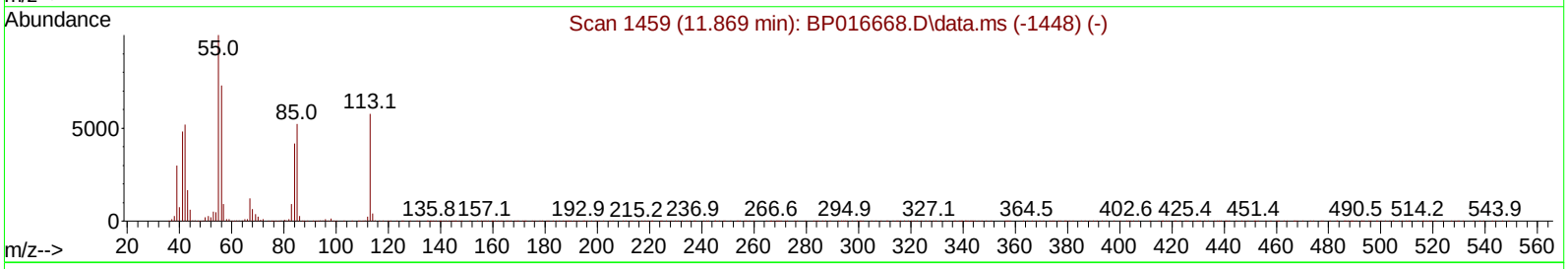

TIC: BP016688.D\data.ms

(34) Caprolactam

11.881min (+ 0.012) 20.38 ng/ul

response 207206

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	172.20
56.00	126.90	128.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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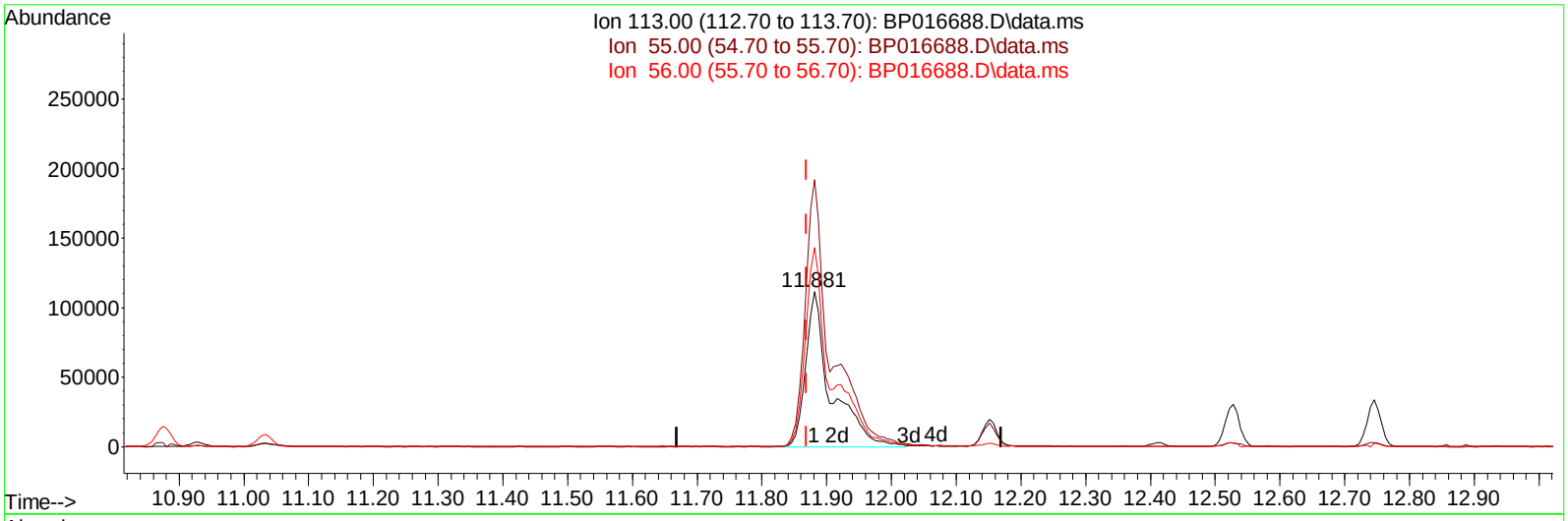

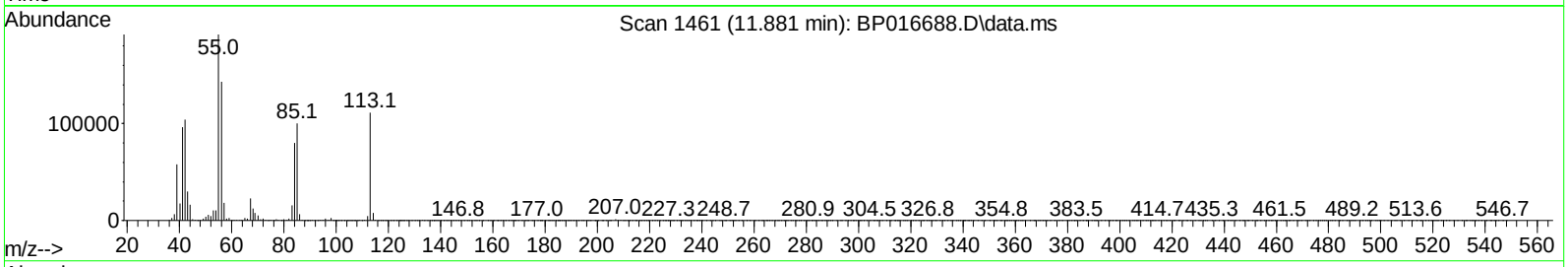

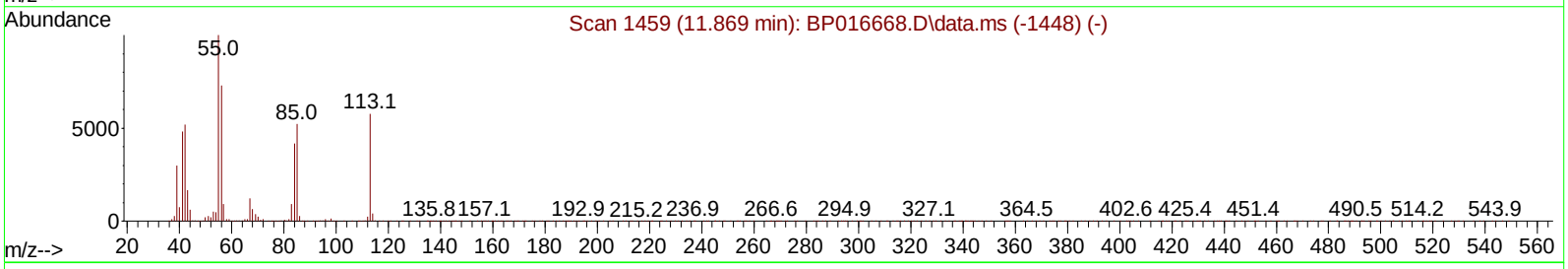

TIC: BP016688.D\data.ms

(34) Caprolactam

11.881min (+ 0.012) 29.87 ng/ul m

response 303667

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	172.20
56.00	126.90	128.39
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	8.046	152	423997	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1931080	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.698	164	1188353	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	2684814	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	2543525	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	2612926	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	74196	6.649	ng/uL	0.00
4) Pyridine-d5	3.823	84	890382	26.228	ng/ul	0.00
7) Phenol-d5	7.187	99	1107714	28.338	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	682621	26.514	ng/ul	0.00
11) 2-Chlorophenol-d4	7.564	132	770007	27.426	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	848270	27.292	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	391526	28.815	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	417593	32.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	765824	30.154	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	1135735	26.063	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	2360017	27.457	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	2726129	28.100	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	502336	28.689	ng/ul	0.00
60) Fluorene-d10	15.693	176	2010615	27.439	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	376638	29.488	ng/ul	0.00
73) Anthracene-d10	17.563	188	3178260	27.368	ng/ul	0.00
81) Pyrene-d10	19.792	212	3839911	28.812	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	3585265	28.631	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	132193	10.775	ng/uL	98
5) Pyridine	3.846	79	866269	24.594	ng/ul	99
6) Benzaldehyde	7.199	77	698463	32.415	ng/ul	99
8) Phenol	7.217	94	1165679	27.901	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.475	93	913455	27.067	ng/ul	97
12) 2-Chlorophenol	7.599	128	825450	27.942	ng/ul	99
13) 2-Methylphenol	8.481	108	847014	27.911	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1250465m	26.585	ng/ul	
16) Acetophenone	8.893	105	1406488	28.022	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.869	70	783869	29.120	ng/ul	98
18) 4-Methylphenol	8.816	108	950768	28.506	ng/ul	97
19) Hexachloroethane	9.116	117	333345	27.009	ng/ul	97
22) Nitrobenzene	9.287	77	1121818	29.493	ng/ul	99
23) Isophorone	9.805	82	2159592	30.059	ng/ul	99
25) 2-Nitrophenol	9.993	139	480923	32.597	ng/ul	99
26) 2,4-Dimethylphenol	10.028	107	949636	27.303	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.287	93	1303103	28.296	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	785687	30.068	ng/ul	100
30) Naphthalene	10.928	128	2761429	27.370	ng/ul	99
32) 4-Chloroaniline	11.058	127	1139068	26.392	ng/ul	100
33) Hexachlorobutadiene	11.158	225	439517	27.903	ng/ul	98
34) Caprolactam	11.881	113	303667m	29.871	ng/ul	
35) 4-Chloro-3-methylphenol	12.152	107	996402	31.196	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.528	142	1862416	27.557	ng/ul	99
37) 1-Methylnaphthalene	12.746	142	1863126	27.379	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	892723	28.086	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	455866	23.572	ng/ul	100
41) 2,4,6-Trichlorophenol	13.128	196	626011	31.646	ng/ul	99
42) 2,4,5-Trichlorophenol	13.193	196	694699	32.398	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	2472999	27.997	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	1921227	27.955	ng/ul	100
45) 2-Nitroaniline	13.810	65	711217	34.226	ng/ul	96
47) Dimethylphthalate	14.157	163	2515763	28.627	ng/ul	100
48) 2,6-Dinitrotoluene	14.299	165	518632	34.071	ng/ul	99
50) Acenaphthylene	14.428	152	3076891	26.930	ng/ul	99
51) 3-Nitroaniline	14.634	138	597018	34.980	ng/ul	98
52) Acenaphthene	14.763	153	2129162	27.839	ng/ul	99
53) 2,4-Dinitrophenol	14.834	184	256960	30.324	ng/ul	97
55) 4-Nitrophenol	14.916	109	432560	30.387	ng/ul	97
56) Dibenzofuran	15.098	168	2918164	27.965	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	764963	33.559	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.310	232	580700	32.323	ng/ul	99
59) Diethylphthalate	15.510	149	2618242	29.139	ng/ul	99
61) Fluorene	15.751	166	2419174	28.274	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.740	204	1119843	27.881	ng/ul	99
63) 4-Nitroaniline	15.804	138	615721	37.697	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.834	198	409082	28.886	ng/ul	95
67) N-Nitrosodiphenylamine	15.963	169	2096092	28.802	ng/ul	99
68) 4-Bromophenyl-phenylether	16.640	248	688377	28.716	ng/ul	99
69) Hexachlorobenzene	16.722	284	784814	28.019	ng/ul	96
70) Atrazine	16.916	200	696097	26.586	ng/ul	100
71) Pentachlorophenol	17.087	266	506650	29.379	ng/ul	98
72) Phenanthrene	17.510	178	3982233	28.153	ng/ul	100
74) Anthracene	17.598	178	3965550	27.911	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	884847	25.933	ng/uL	97
76) Pentachlorobenzene	14.993	250	860365	28.104	ng/uL	99
77) Carbazole	17.881	167	3867627	29.540	ng/ul	99
78) Di-n-butylphthalate	18.392	149	4775114	31.505	ng/ul	100
80) Fluoranthene	19.469	202	4848045	30.478	ng/ul	100
82) Pyrene	19.828	202	4999438	29.764	ng/ul	97
83) Butylbenzylphthalate	20.681	149	2368880	35.009	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.480	252	1679430	30.322	ng/ul	99
85) Benzo(a)anthracene	21.545	228	4914492	28.750	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	3497112	35.611	ng/ul	99
87) Chrysene	21.598	228	4529596	28.317	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	5973167	36.636	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	4817301	30.963	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	4551926	29.492	ng/ul	100
93) Benzo(a)pyrene	24.027	252	4024561	27.422	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	4639835	26.787	ng/ul	99
95) Dibenzo(a,h)anthracene	26.910	278	3850968	26.715	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	3649869	26.476	ng/ul	98

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

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