Quantitation Report (Qedit)

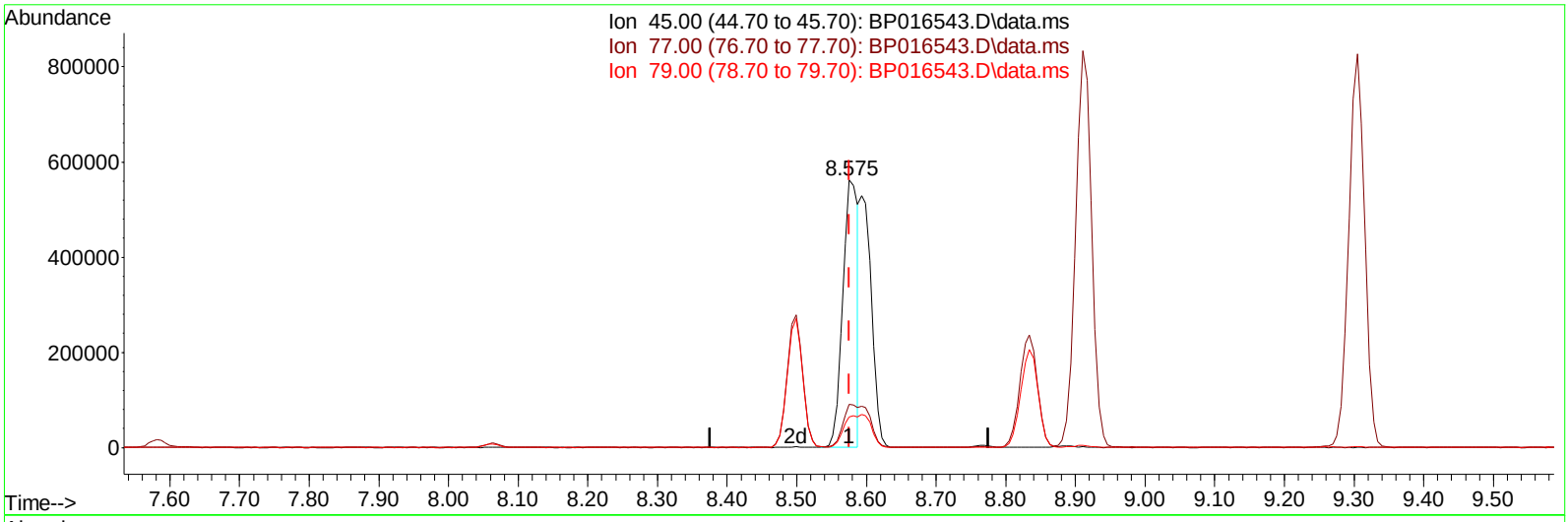
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081023\
Data File : BP016543.D
Acq On : 10 Aug 2023 12:00
Operator : MA/JU
Sample : SSTD04021
Misc :
ALS Vial : 5 Sample Multiplier: 1

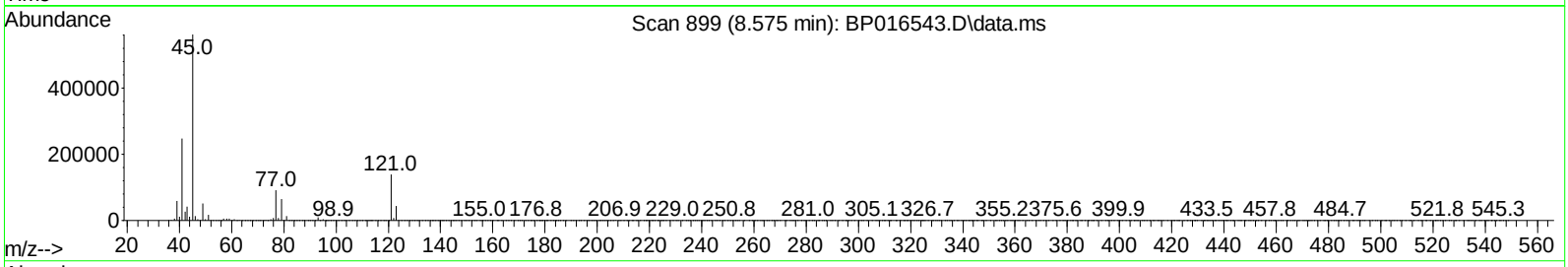
Quant Time: Aug 10 16:49:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 14:05:43 2023
Response via : Initial Calibration

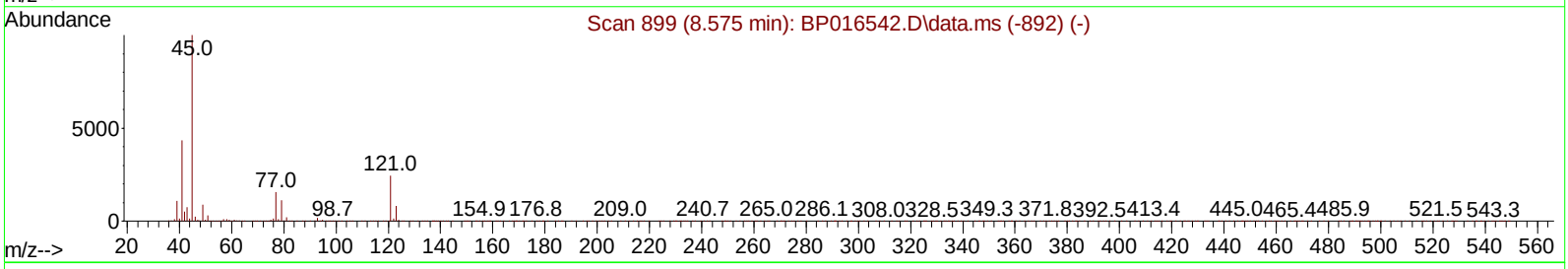
Instrument :
BNA_P
ClientSampleId :
SSTD040621

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023







TIC: BP016543.D\data.ms

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

8.575min (-0.000) 24.13 ng/ul

response 851020

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.24
79.00	11.50	11.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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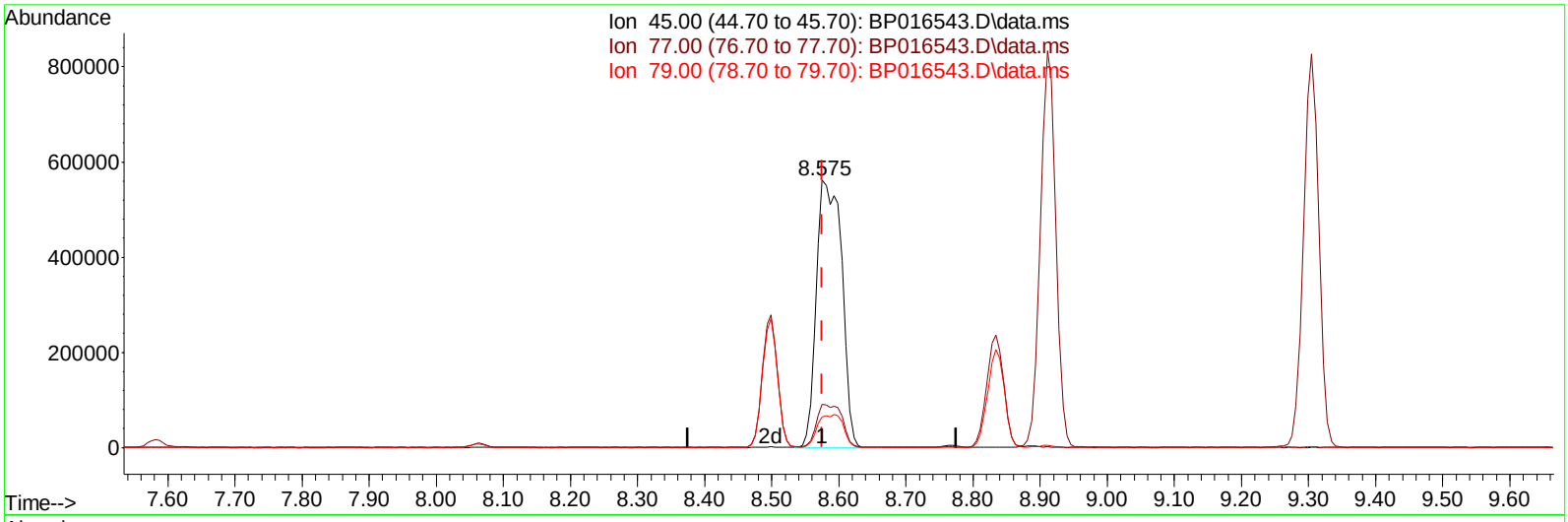

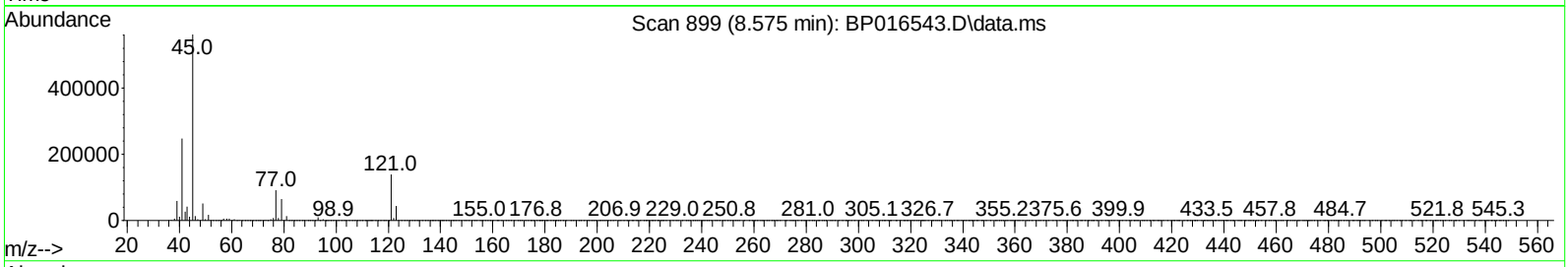

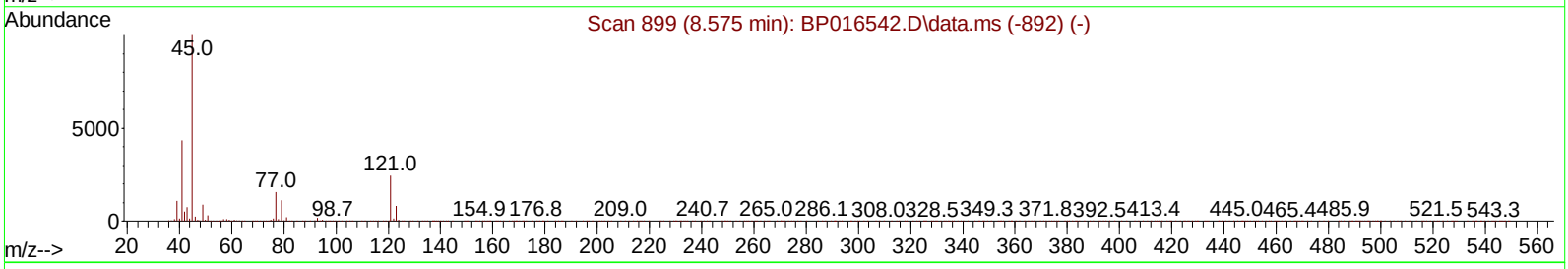

TIC: BP016543.D\data.ms

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

8.575min (-0.000) 41.72 ng/ul m

response 1471082

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.24
79.00	11.50	11.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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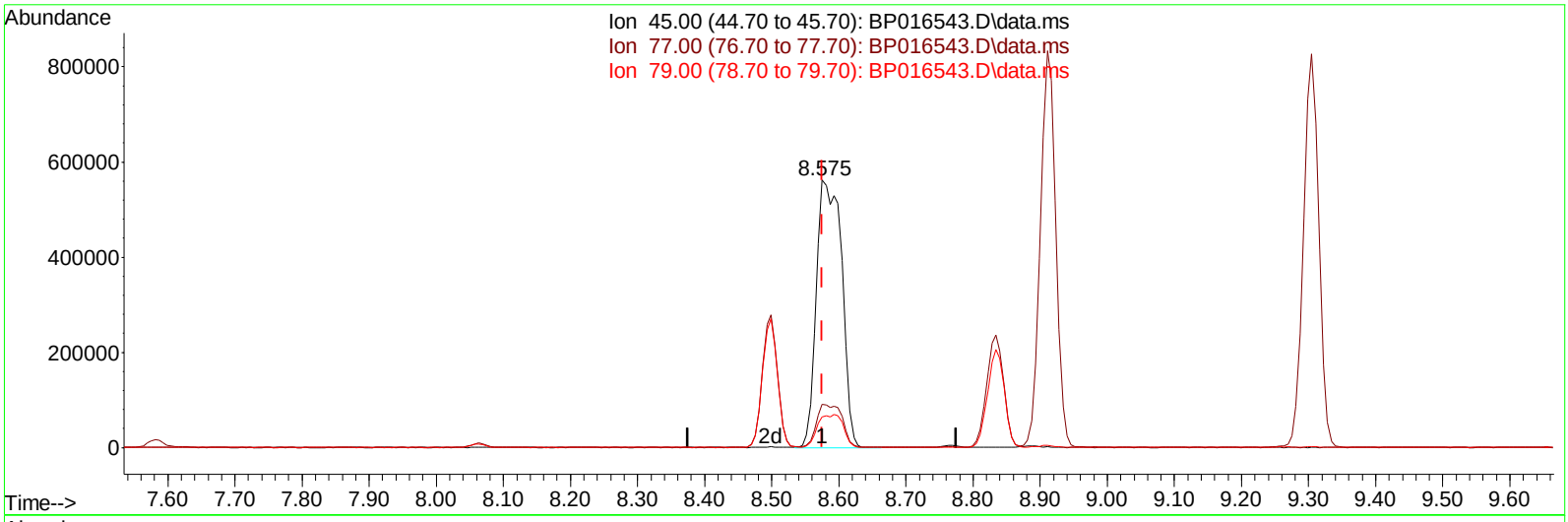

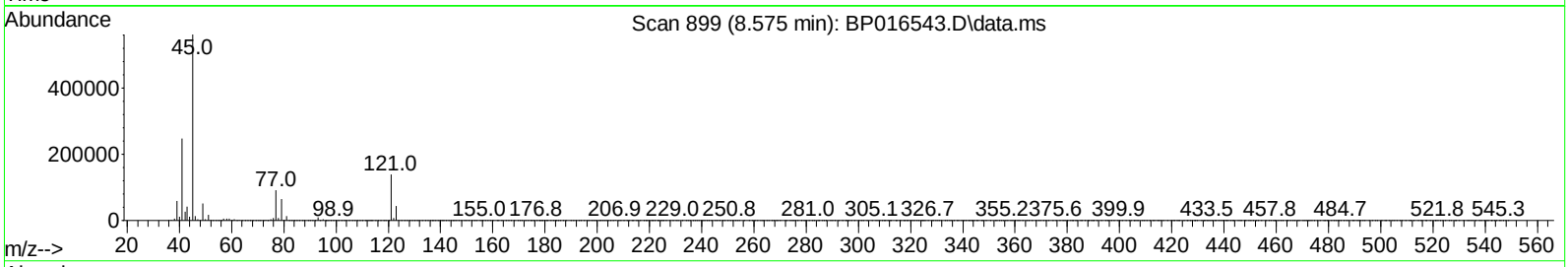

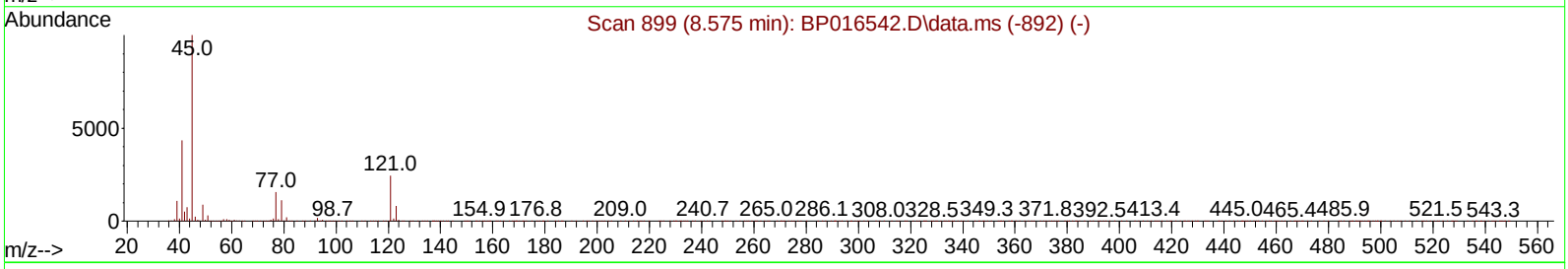

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response 1471082

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.10	16.24
79.00	11.50	11.49
0.00	0.00	0.00

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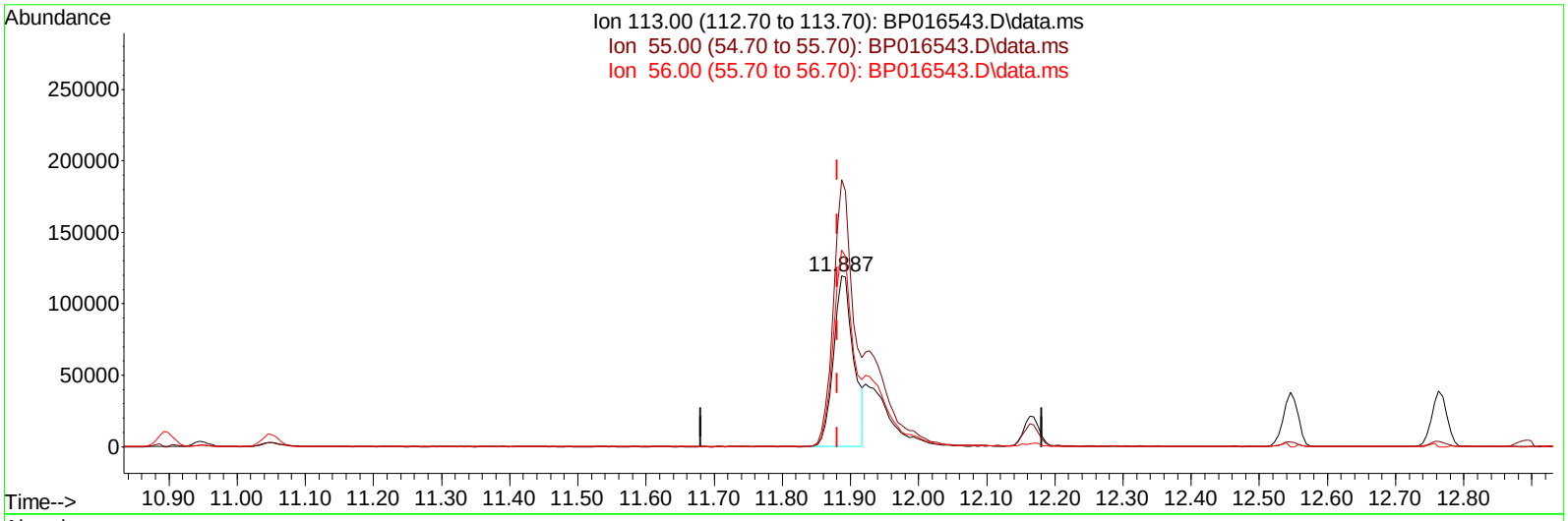

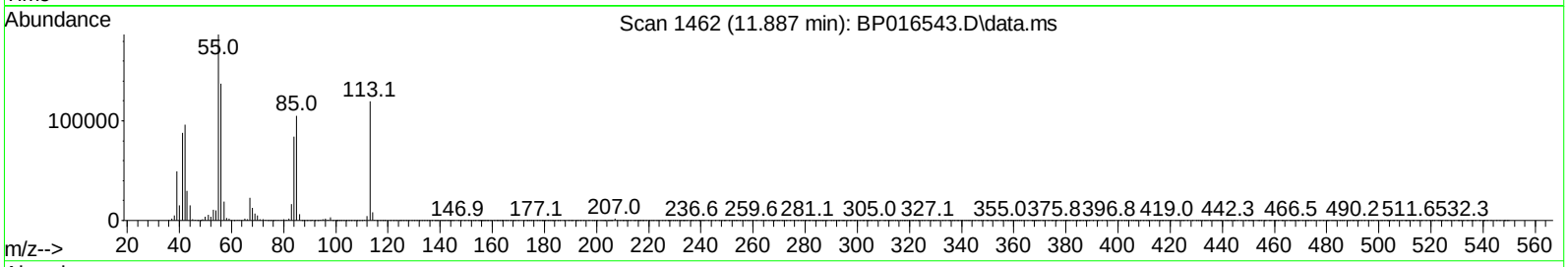

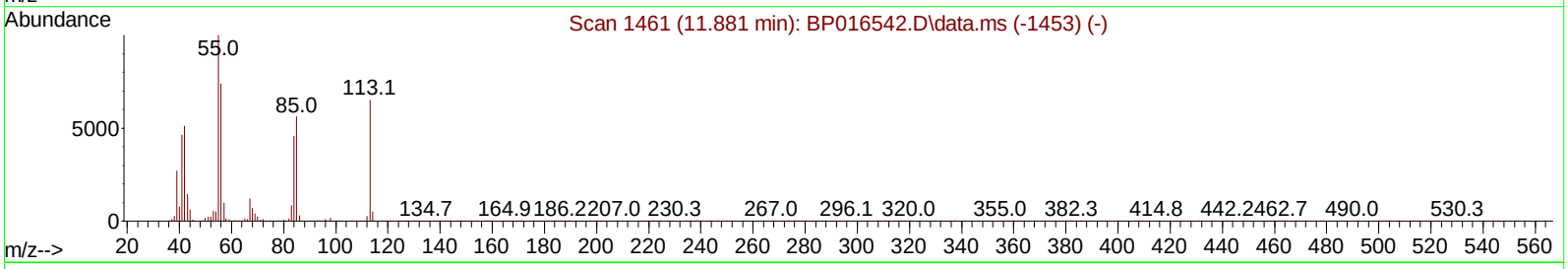

TIC: BP016543.D\data.ms

(34) Caprolactam

11.887min (+ 0.006) 27.87 ng/ul

response 244151

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.70	156.31
56.00	113.60	115.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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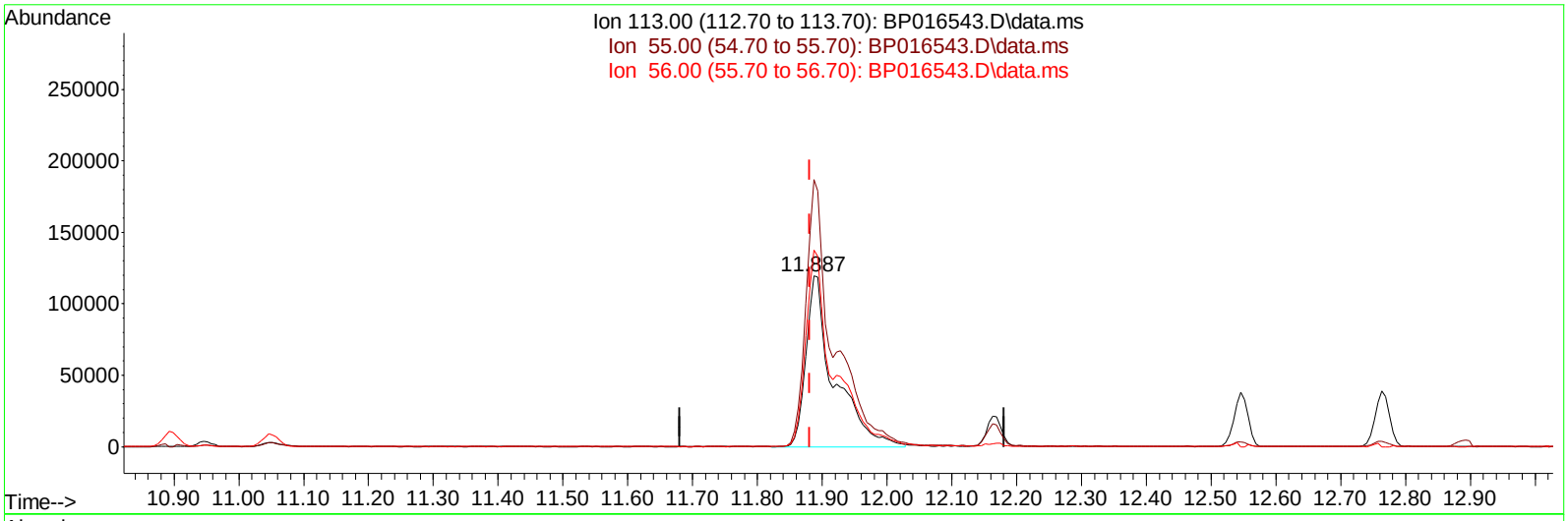

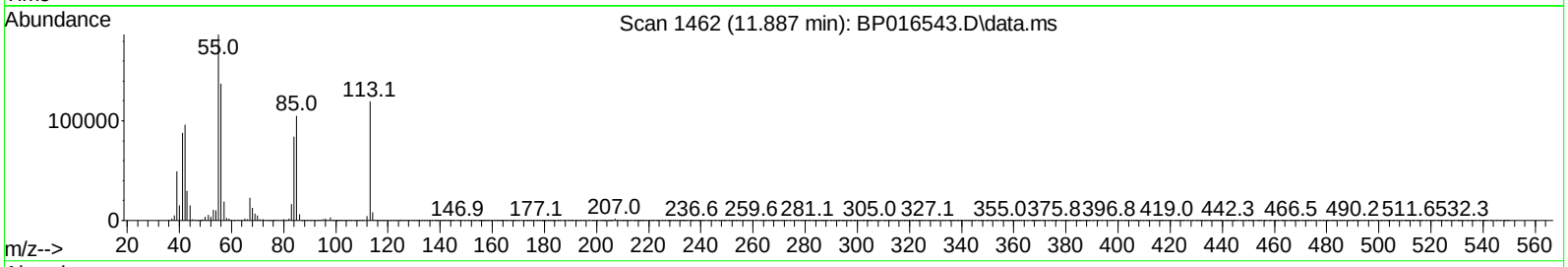

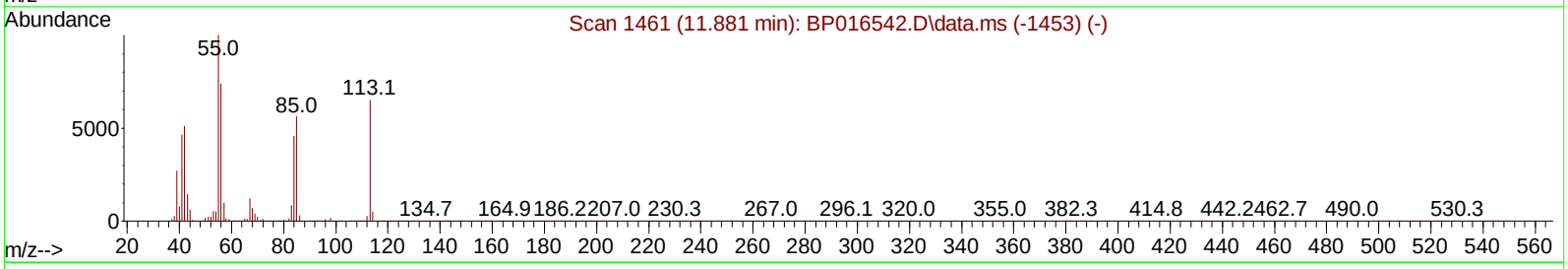

TIC: BP016543.D\data.ms

(34) Caprolactam

11.887min (+ 0.006) 40.91 ng/ul m

response 358379

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.70	156.31
56.00	113.60	115.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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SSTD040621

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	400808	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	1715008	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1010310	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	2203172	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	2017176	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	2251227	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	171131	16.587	ng/uL	0.00
4) Pyridine-d5	3.828	84	1207804	42.014	ng/ul	0.00
7) Phenol-d5	7.199	99	1397250	41.937	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	862327	42.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	1116011	43.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	1115240	41.777	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	538522	43.823	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	542464	45.501	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	1040465	43.369	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	1556783	42.275	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	3033567	41.861	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	3596005	43.196	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	617512	43.467	ng/ul	0.00
60) Fluorene-d10	15.710	176	2589492	41.885	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	450987	43.190	ng/ul	0.00
73) Anthracene-d10	17.581	188	3968755	41.851	ng/ul	0.00
81) Pyrene-d10	19.810	212	4589509	41.322	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	4651133	43.063	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	183004	16.920	ng/uL	98
5) Pyridine	3.852	79	1235449	41.870	ng/ul	99
6) Benzaldehyde	7.216	77	775916	44.894	ng/ul	100
8) Phenol	7.228	94	1468635	41.965	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.493	93	1197237	41.881	ng/ul	99
12) 2-Chlorophenol	7.616	128	1130121	42.050	ng/ul	99
13) 2-Methylphenol	8.499	108	1097846	41.892	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1471082m	41.718	ng/ul	
16) Acetophenone	8.911	105	1759065	42.549	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.887	70	876913	41.806	ng/ul	99
18) 4-Methylphenol	8.834	108	1177602	41.477	ng/ul	99
19) Hexachloroethane	9.140	117	464991	41.967	ng/ul	99
22) Nitrobenzene	9.305	77	1323489	42.336	ng/ul	99
23) Isophorone	9.822	82	2485694	42.427	ng/ul	99
25) 2-Nitrophenol	10.010	139	615691	44.762	ng/ul	99
26) 2,4-Dimethylphenol	10.046	107	1233783	41.637	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.305	93	1570599	40.679	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	1042408	42.574	ng/ul	99
30) Naphthalene	10.946	128	3622085	41.044	ng/ul	99
32) 4-Chloroaniline	11.075	127	1542901	42.610	ng/ul	100
33) Hexachlorobutadiene	11.181	225	638463	41.431	ng/ul	99
34) Caprolactam	11.887	113	358379m	40.908	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	1141672	42.848	ng/ul	99

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.546	142	2428901	41.247	ng/ul	99
37) 1-Methylnaphthalene	12.763	142	2447256	41.382	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.893	216	1238050	41.936	ng/ul	99
40) Hexachlorocyclopentadiene	12.846	237	763517	42.385	ng/ul	98
41) 2,4,6-Trichlorophenol	13.140	196	809591	44.543	ng/ul	100
42) 2,4,5-Trichlorophenol	13.210	196	873661	44.039	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	3096863	41.356	ng/ul	99
44) 2-Chloronaphthalene	13.599	162	2453926	41.675	ng/ul	100
45) 2-Nitroaniline	13.822	65	700140	45.008	ng/ul	100
47) Dimethylphthalate	14.175	163	3046892	41.534	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	611623	45.377	ng/ul	98
50) Acenaphthylene	14.446	152	4035942	41.938	ng/ul	99
51) 3-Nitroaniline	14.646	138	626650	44.095	ng/ul	99
52) Acenaphthene	14.781	153	2635616	41.439	ng/ul	100
53) 2,4-Dinitrophenol	14.846	184	295323	40.755	ng/ul	94
55) 4-Nitrophenol	14.928	109	452223	43.202	ng/ul	97
56) Dibenzofuran	15.116	168	3580478	41.073	ng/ul	99
57) 2,4-Dinitrotoluene	15.093	165	889004	45.562	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.328	232	722492	44.051	ng/ul	96
59) Diethylphthalate	15.528	149	3019517	41.557	ng/ul	99
61) Fluorene	15.763	166	2885020	41.005	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	1407342	40.760	ng/ul	96
63) 4-Nitroaniline	15.816	138	581839	45.255	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.845	198	503951	43.868	ng/ul#	98
67) N-Nitrosodiphenylamine	15.975	169	2486836	41.509	ng/ul	100
68) 4-Bromophenyl-phenylether	16.657	248	889950	41.768	ng/ul	99
69) Hexachlorobenzene	16.740	284	1033963	41.301	ng/ul	100
70) Atrazine	16.934	200	916473	43.267	ng/ul	98
71) Pentachlorophenol	17.098	266	657744	43.133	ng/ul	97
72) Phenanthrene	17.522	178	4668103	41.040	ng/ul	100
74) Anthracene	17.616	178	4713468	41.527	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	1301665	42.231	ng/uL	100
76) Pentachlorobenzene	15.004	250	1151175	41.540	ng/uL	99
77) Carbazole	17.892	167	4378877	44.531	ng/ul	100
78) Di-n-butylphthalate	18.410	149	5216866	43.306	ng/ul	99
80) Fluoranthene	19.481	202	5428566	41.179	ng/ul	99
82) Pyrene	19.839	202	5581359	40.690	ng/ul	99
83) Butylbenzylphthalate	20.698	149	2369000	44.245	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	1923873	43.936	ng/ul	99
85) Benzo(a)anthracene	21.563	228	5621199	41.623	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	3360754	44.304	ng/ul	100
87) Chrysene	21.616	228	5140849	41.116	ng/ul	100
89) Di-n-octyl phthalate	22.427	149	5737321	45.944	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	5543104	41.689	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	5611917	41.978	ng/ul	100
93) Benzo(a)pyrene	24.057	252	5305435	42.592	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.933	276	6371515	44.075	ng/ul	98
95) Dibenzo(a,h)anthracene	26.957	278	5326072	44.231	ng/ul	99
96) Benzo(g,h,i)perylene	27.792	276	5051039	44.311	ng/ul	100

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

Instrument :
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ClientSampleId :
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