Quantitation Report (Qedit)

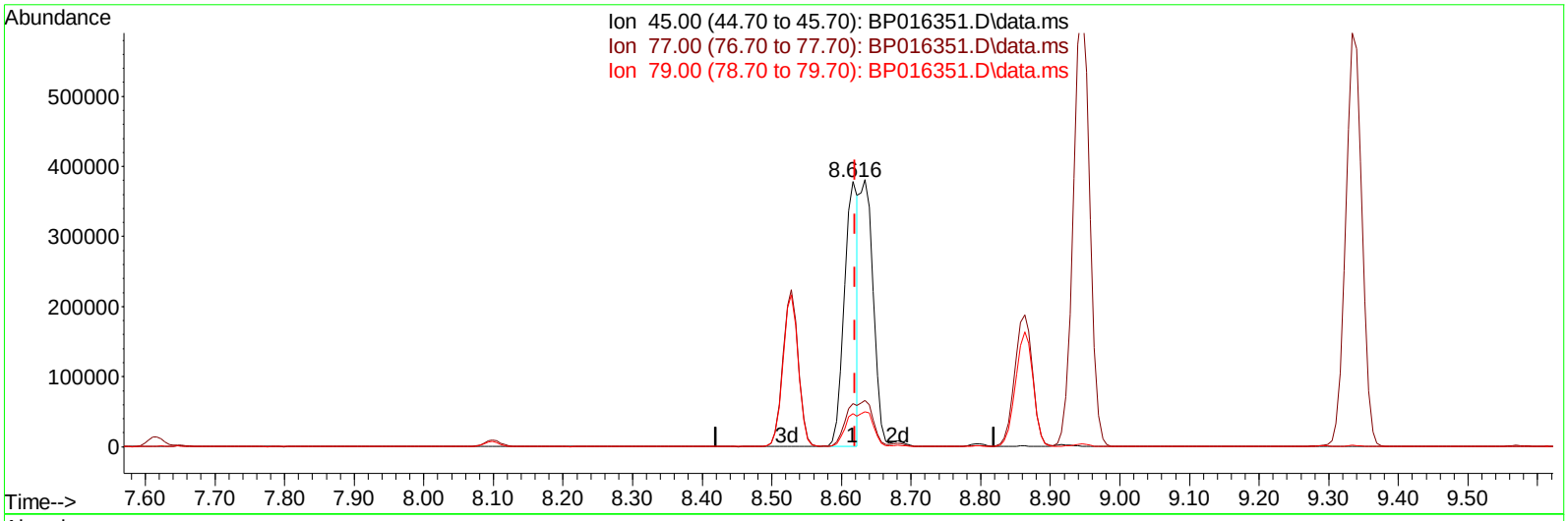
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016351.D
Acq On : 25 Jul 2023 17:41
Operator : MA/JU
Sample : PB154139BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

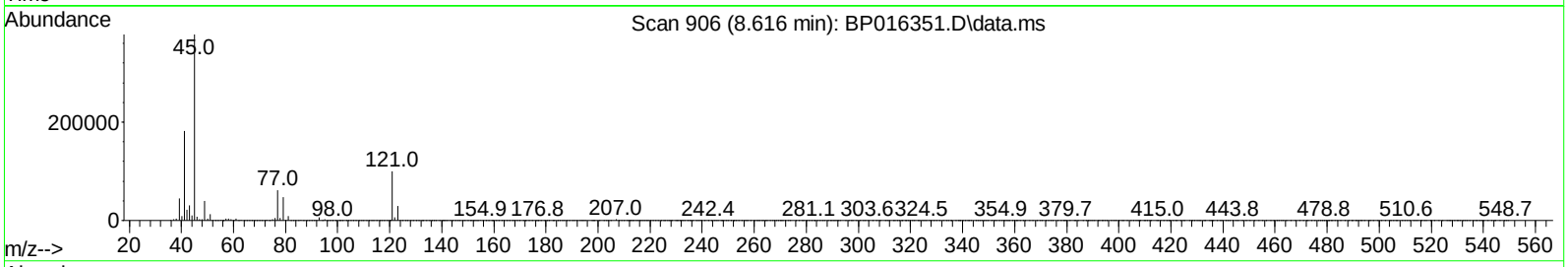
Quant Time: Jul 26 00:28:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

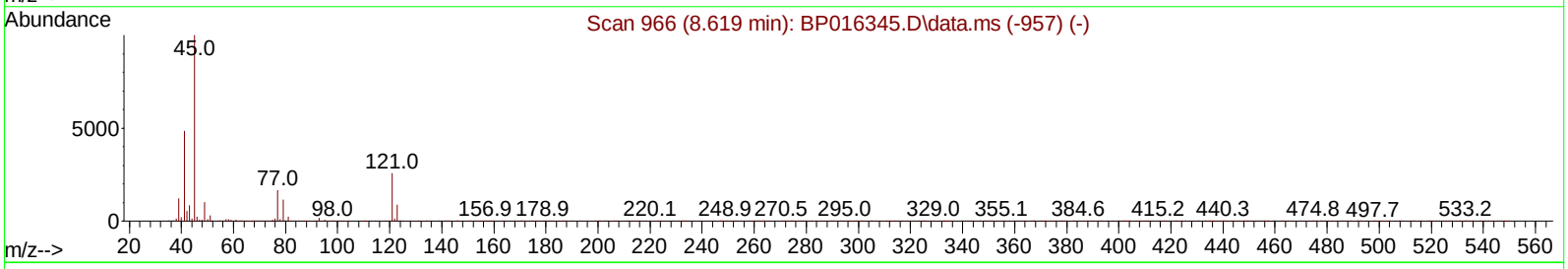
Instrument :
BNA_P
ClientSampleId :
SLCS139

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023







TIC: BP016351.D\data.ms

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

8.616min (-0.003) 14.86 ng/ul

response 514447

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.30
79.00	12.00	12.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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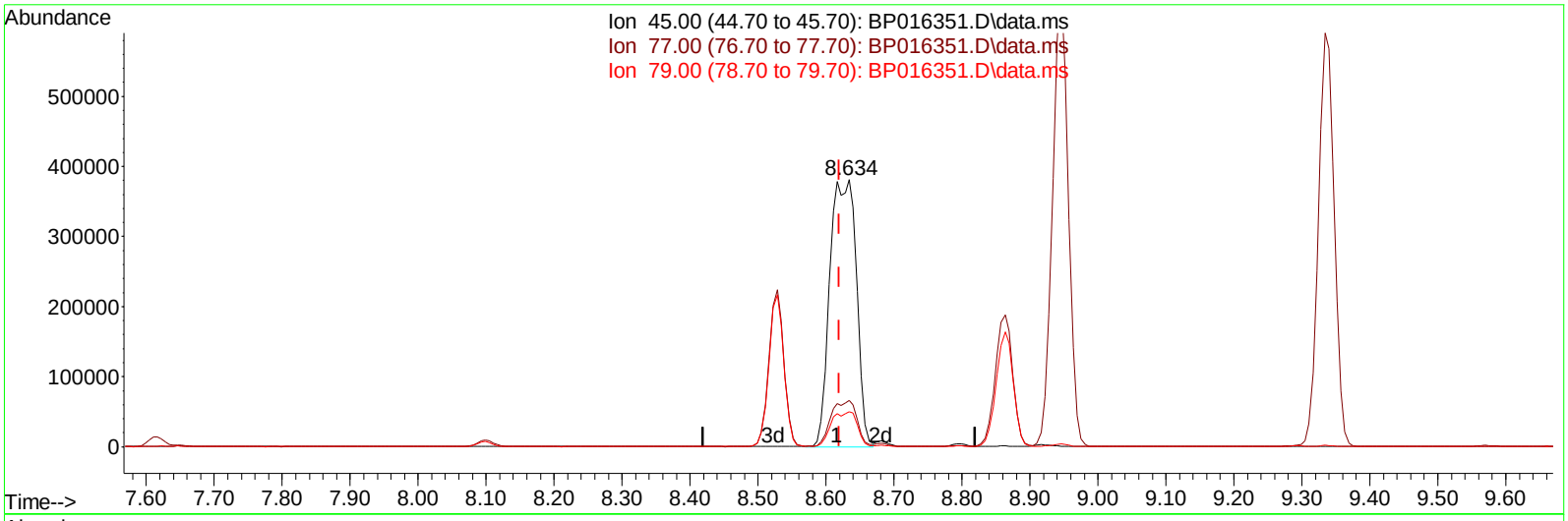

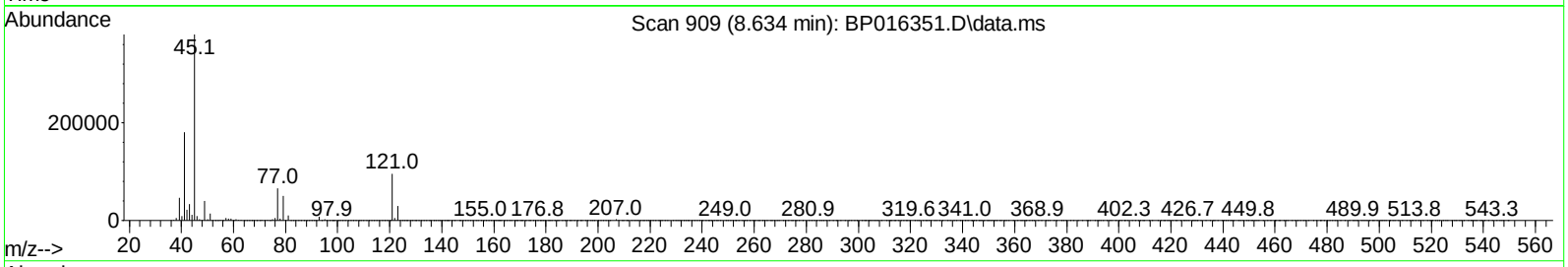

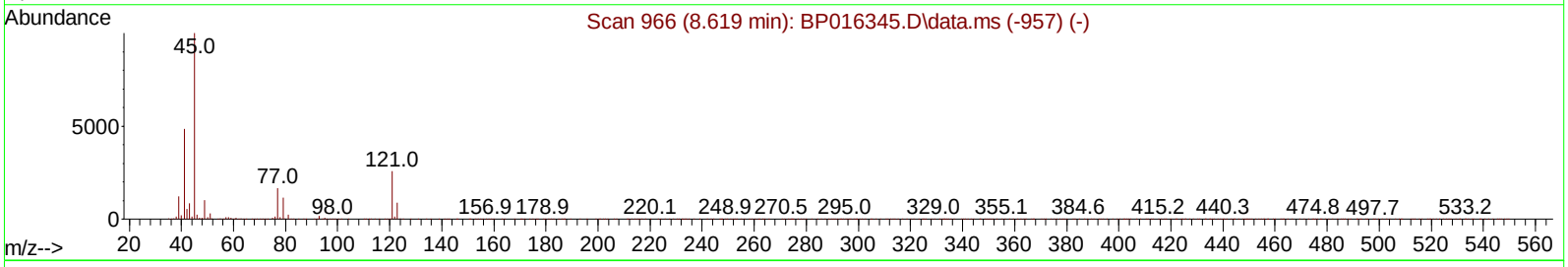

TIC: BP016351.D\data.ms

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

8.634min (+ 0.015) 29.67 ng/ul m

response 1027316

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	17.37
79.00	12.00	13.17
0.00	0.00	0.00

Quantitation Report (Qedit)

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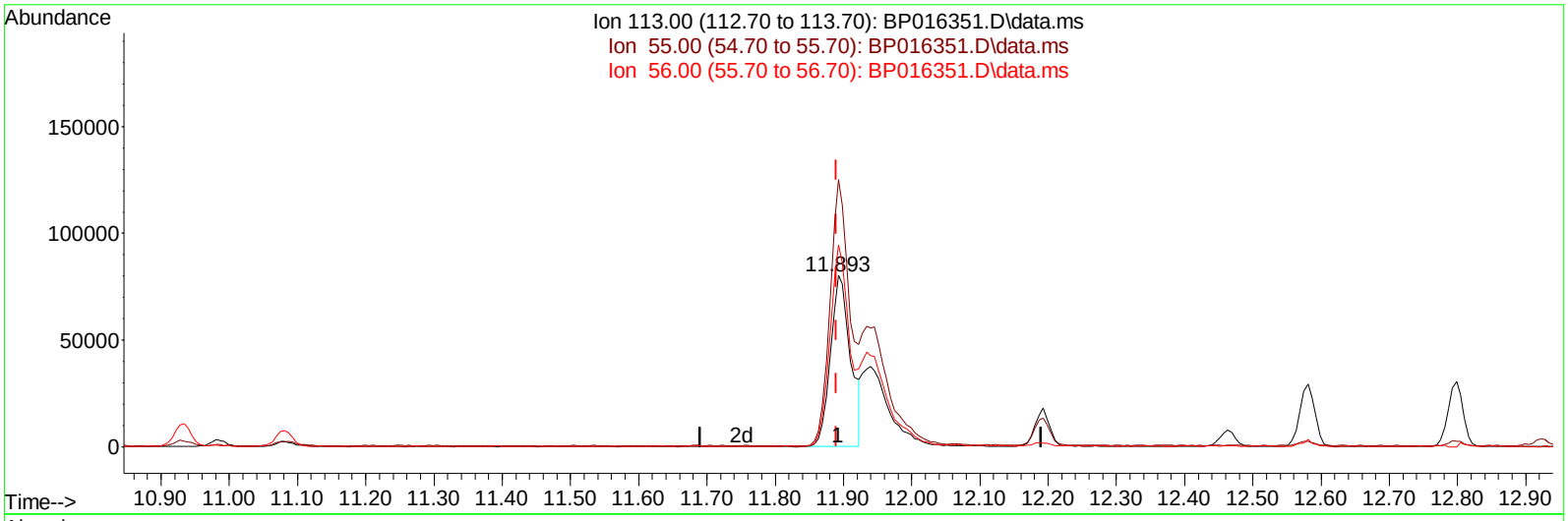

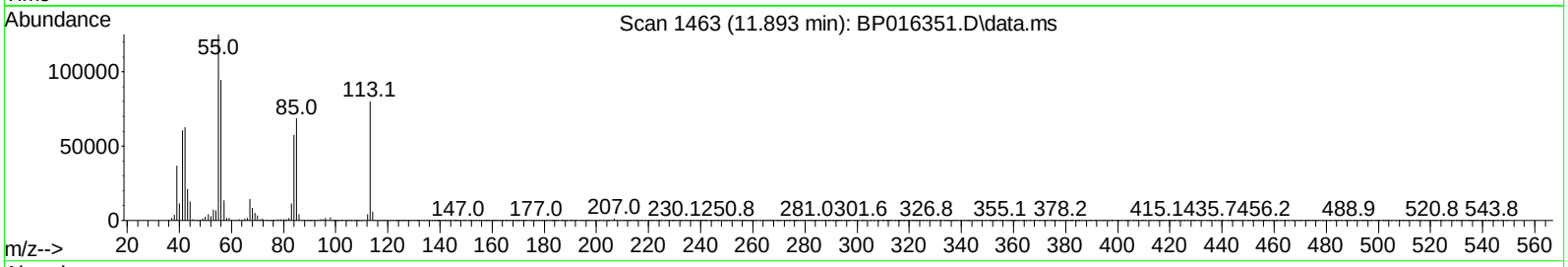

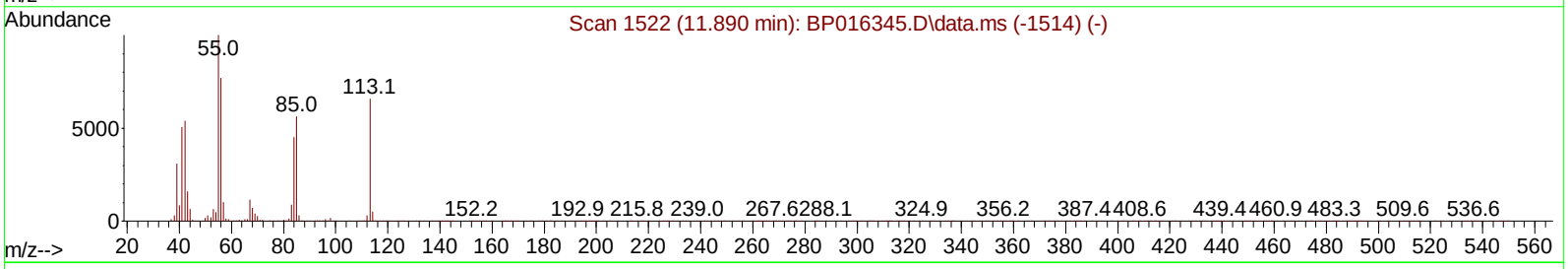

TIC: BP016351.D\data.ms

(34) Caprolactam

11.893min (+ 0.003) 19.06 ng/ul

response 163801

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	155.82
56.00	117.30	117.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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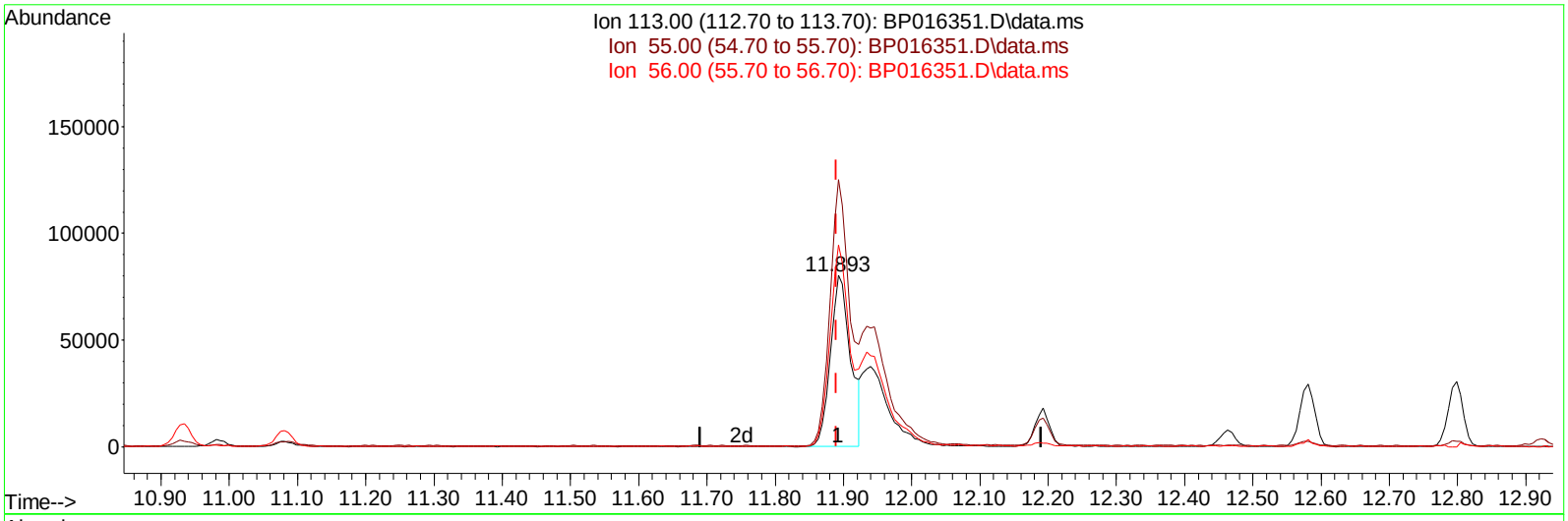

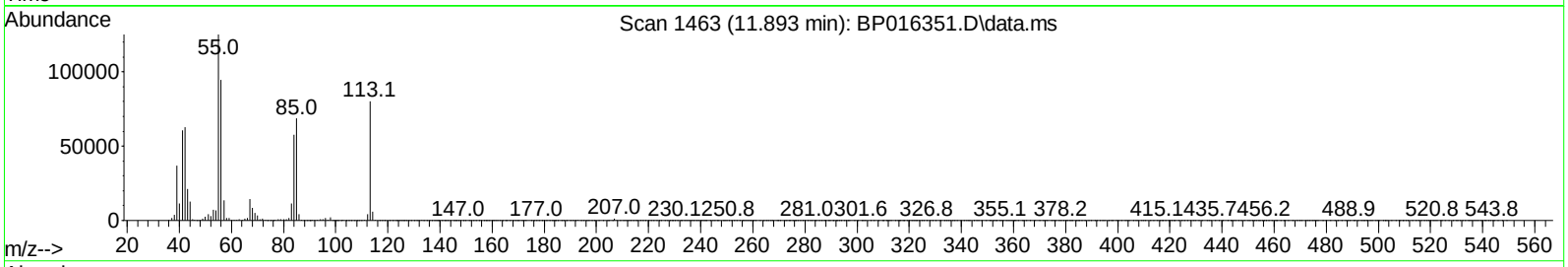

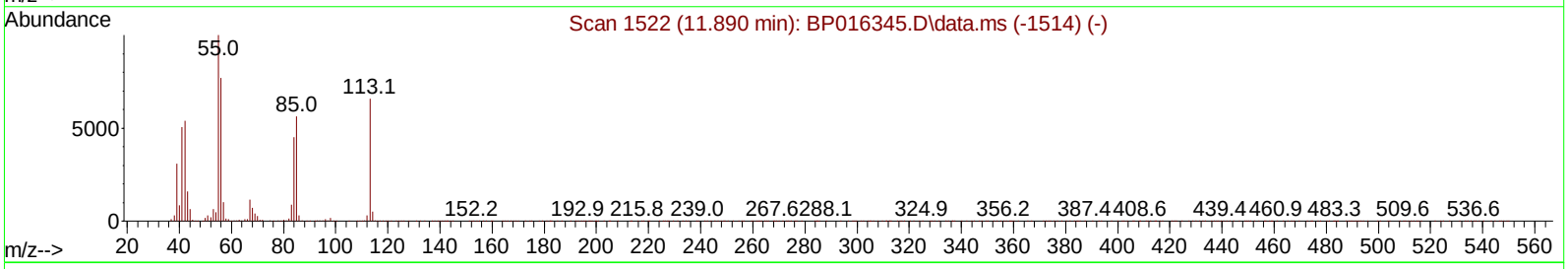

TIC: BP016351.D\data.ms

(34) Caprolactam

11.893min (+ 0.003) 19.06 ng/ul

response 163801

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	155.82
56.00	117.30	117.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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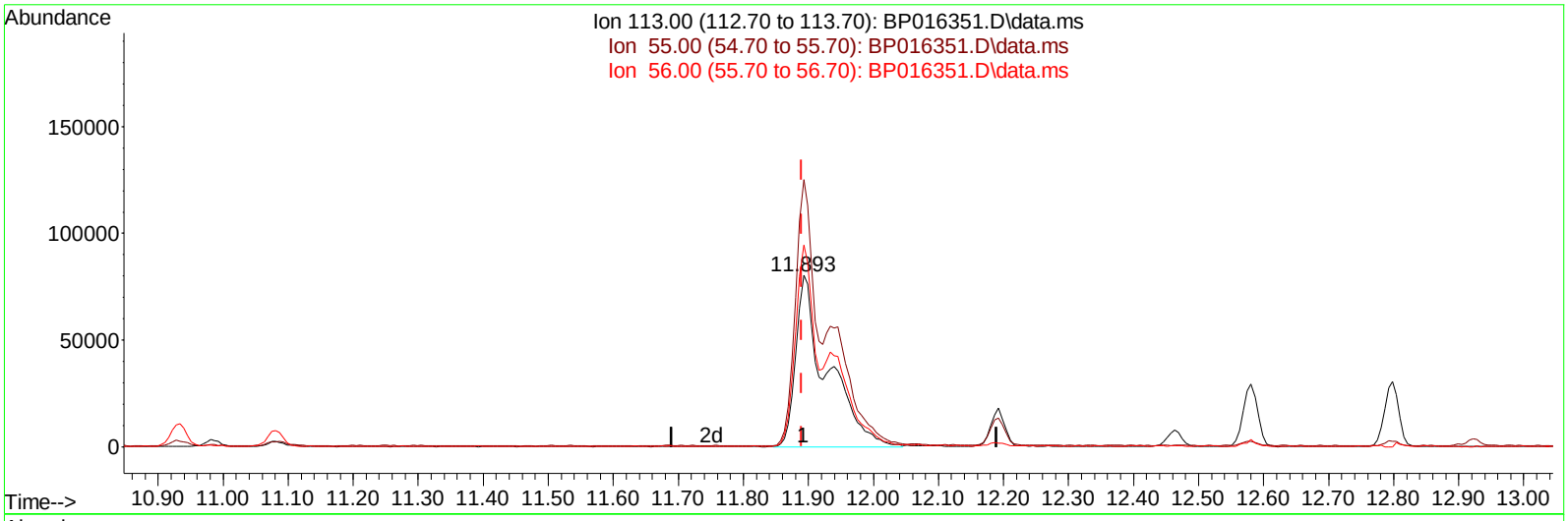

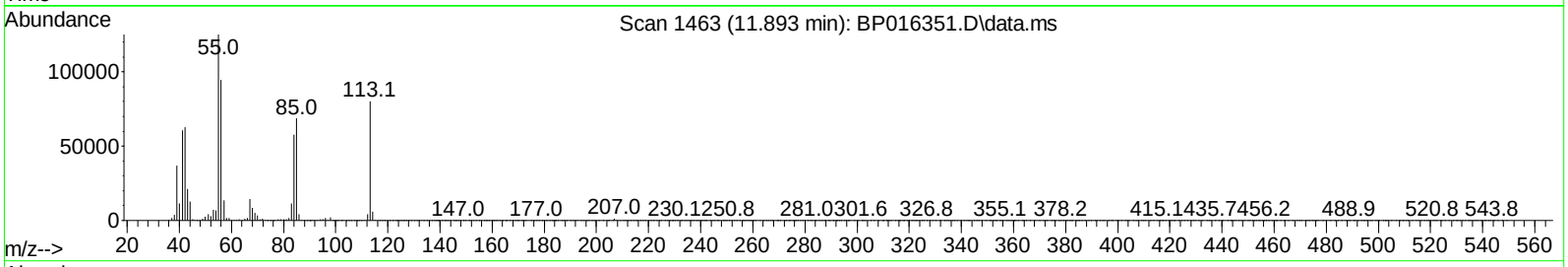

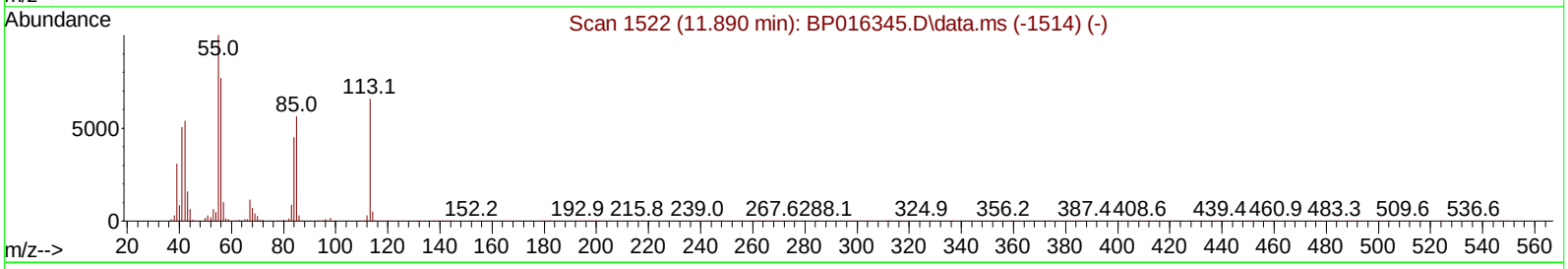

TIC: BP016351.D\data.ms

(34) Caprolactam

11.893min (+ 0.003) 31.08 ng/ul m

response 267207

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	155.82
56.00	117.30	117.79
0.00	0.00	0.00

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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	8.099	152	401438	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	1695740	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.740	164	1006211	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	2186666	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1894463	20.000	ng/ul	0.00
88) Perylene-d12	24.198	264	1984659	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	61257	6.017	ng/uL	0.00
4) Pyridine-d5	3.852	84	883148	30.573	ng/ul	0.00
7) Phenol-d5	7.228	99	1133578	33.744	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	652598	32.357	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	849375	32.409	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	867523	32.111	ng/ul	0.00
21) Nitrobenzene-d5	9.293	128	385360	36.905	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	346532	40.239	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	817579	34.250	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	1143210	30.785	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	2413428	32.773	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	2823819	32.457	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	428184	34.701	ng/ul	0.00
60) Fluorene-d10	15.734	176	2058351	32.855	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	243806	33.851	ng/ul	0.00
73) Anthracene-d10	17.604	188	3152263	32.544	ng/ul	0.00
81) Pyrene-d10	19.827	212	3513979	32.667	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	3207237	33.495	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	137683	12.753	ng/uL	99
5) Pyridine	3.875	79	851696	28.980	ng/ul	99
6) Benzaldehyde	7.246	77	636709	34.742	ng/ul	98
8) Phenol	7.258	94	1111137	31.806	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.528	93	881857	30.814	ng/ul	100
12) 2-Chlorophenol	7.646	128	858774	31.870	ng/ul	100
13) 2-Methylphenol	8.528	108	835778	31.201	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	1027316m	29.666	ng/ul	
16) Acetophenone	8.946	105	1347081	31.596	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.922	70	682613	30.746	ng/ul	99
18) 4-Methylphenol	8.863	108	912308	31.876	ng/ul	95
19) Hexachloroethane	9.181	117	350382	31.081	ng/ul	95
22) Nitrobenzene	9.334	77	963546	34.468	ng/ul	99
23) Isophorone	9.852	82	1949475	30.961	ng/ul	100
25) 2-Nitrophenol	10.040	139	413210	38.453	ng/ul	97
26) 2,4-Dimethylphenol	10.075	107	948849	31.229	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.346	93	1185308	31.223	ng/ul	99
29) 2,4-Dichlorophenol	10.563	162	794630	32.929	ng/ul	98
30) Naphthalene	10.987	128	2740431	31.202	ng/ul	100
32) 4-Chloroaniline	11.104	127	1110509	30.503	ng/ul	100
33) Hexachlorobutadiene	11.222	225	494854	31.202	ng/ul	99
34) Caprolactam	11.893	113	267207m	31.085	ng/ul	
35) 4-Chloro-3-methylphenol	12.193	107	875708	32.784	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.581	142	1831238	30.595	ng/ul	98
37) 1-Methylnaphthalene	12.798	142	1831001	30.596	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	941169	31.660	ng/ul	100
40) Hexachlorocyclopentadiene	12.881	237	548678	25.855	ng/ul	97
41) 2,4,6-Trichlorophenol	13.169	196	604808	34.531	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	665081	35.482	ng/ul	100
43) 1,1'-Biphenyl	13.581	154	2418364	31.831	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	1886912	31.747	ng/ul	99
45) 2-Nitroaniline	13.845	65	491954	39.558	ng/ul	96
47) Dimethylphthalate	14.204	163	2395823	32.261	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	436816	40.817	ng/ul	96
50) Acenaphthylene	14.469	152	2970040	29.965	ng/ul	100
51) 3-Nitroaniline	14.669	138	453385	36.213	ng/ul#	98
52) Acenaphthene	14.804	153	2043802	31.978	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	127019	27.751	ng/ul	95
55) 4-Nitrophenol	14.940	109	346507	34.838	ng/ul	97
56) Dibenzofuran	15.139	168	2799251	31.994	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	629781	41.276	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.351	232	534799	35.765	ng/ul	98
59) Diethylphthalate	15.557	149	2427931	32.460	ng/ul	99
61) Fluorene	15.792	166	2281489	32.104	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.787	204	1112941	32.124	ng/ul	99
63) 4-Nitroaniline	15.834	138	458167	39.908	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.863	198	271616	31.545	ng/ul	98
67) N-Nitrosodiphenylamine	16.004	169	1966498	32.074	ng/ul	100
68) 4-Bromophenyl-phenylether	16.686	248	678943	32.740	ng/ul	98
69) Hexachlorobenzene	16.763	284	795504	31.990	ng/ul	99
70) Atrazine	16.957	200	698133	31.209	ng/ul	99
71) Pentachlorophenol	17.122	266	427740	30.524	ng/ul	100
72) Phenanthrene	17.551	178	3619691	31.811	ng/ul	100
74) Anthracene	17.639	178	3662548	31.600	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	921671	29.200	ng/uL	99
76) Pentachlorobenzene	15.034	250	889951	31.907	ng/uL	100
77) Carbazole	17.916	167	3351482	33.593	ng/ul	100
78) Di-n-butylphthalate	18.439	149	4186636	32.952	ng/ul	100
80) Fluoranthene	19.504	202	4185872	32.463	ng/ul	100
82) Pyrene	19.857	202	4292178	32.219	ng/ul	99
83) Butylbenzylphthalate	20.727	149	1770810	35.111	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	1389245	33.364	ng/ul	99
85) Benzo(a)anthracene	21.580	228	4080625	31.801	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	2645668	34.390	ng/ul	99
87) Chrysene	21.639	228	3818050	32.131	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	4367069	35.005	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	3938023	33.133	ng/ul	99
91) Benzo(k)fluoranthene	23.445	252	3965001	33.522	ng/ul	99
93) Benzo(a)pyrene	24.086	252	3442216	30.752	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.986	276	3983983	30.822	ng/ul	99
95) Dibenzo(a,h)anthracene	27.021	278	3336713	31.212	ng/ul	99
96) Benzo(g,h,i)perylene	27.851	276	3096386	30.259	ng/ul	99

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

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