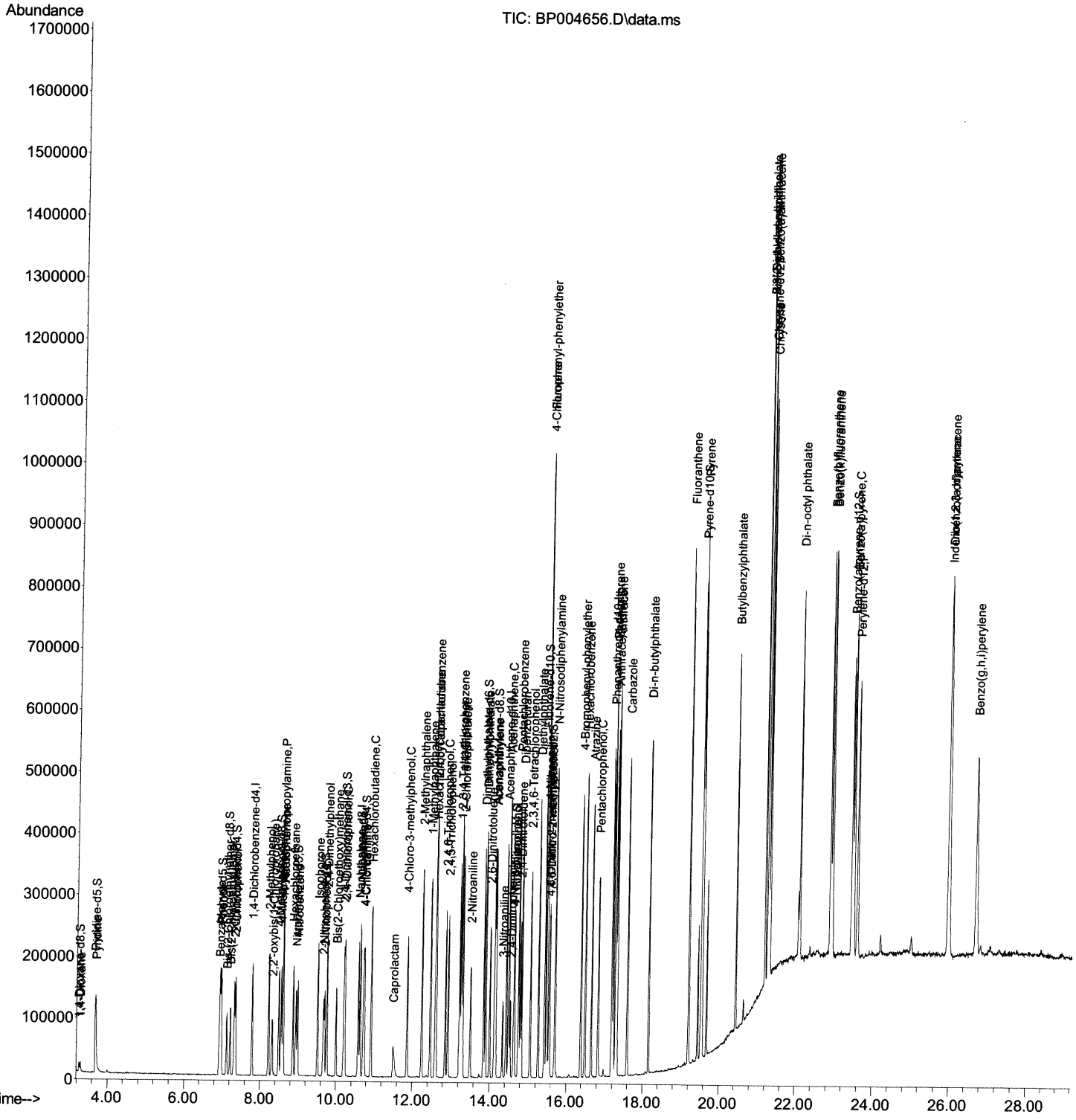
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012821\
Data File : BP004656.D
Acq On : 28 Jan 2021 09:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 10:33:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 28 10:32:34 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
1/29/2021 10:34:46 AM



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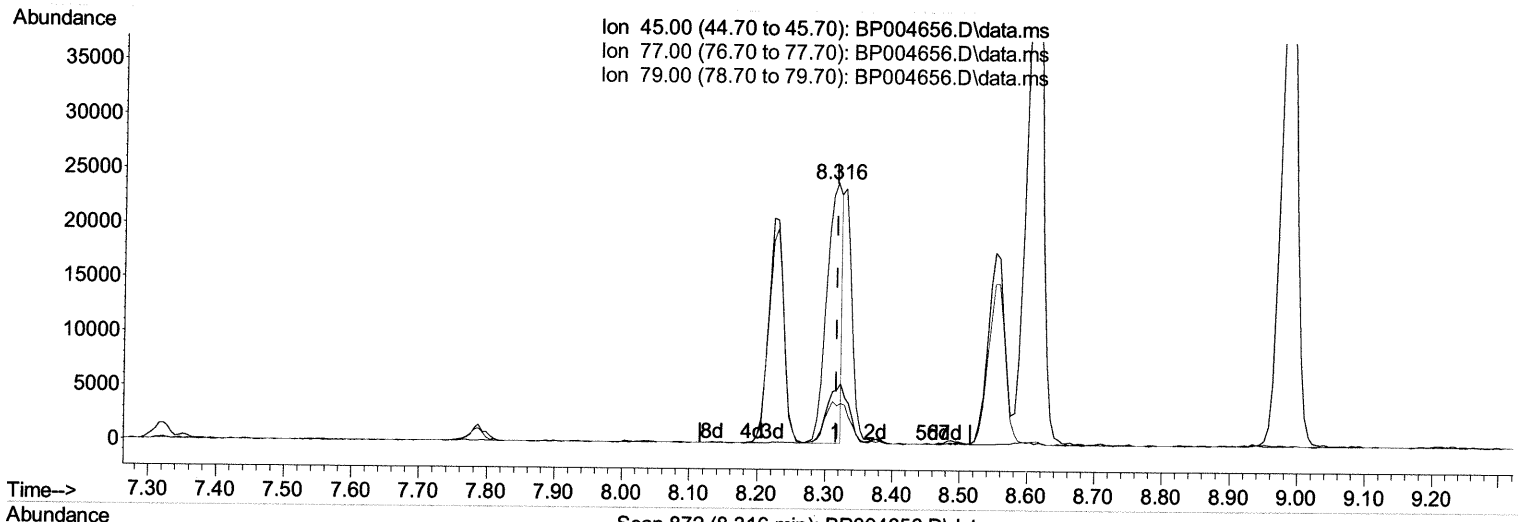

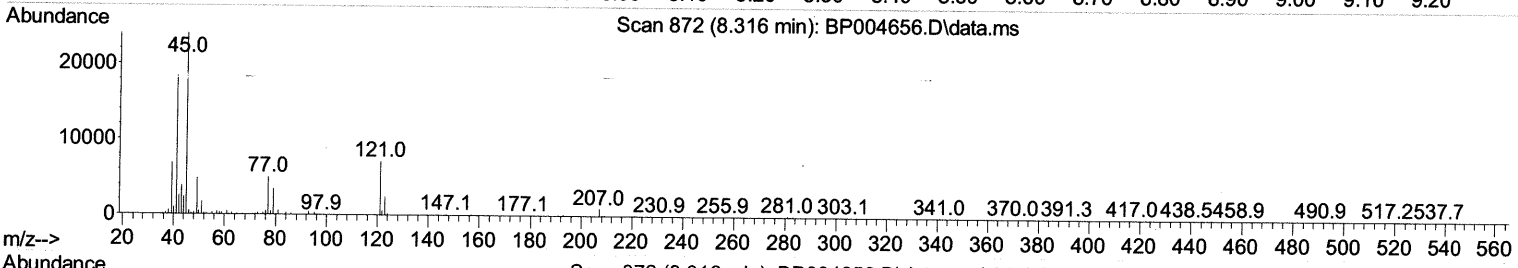

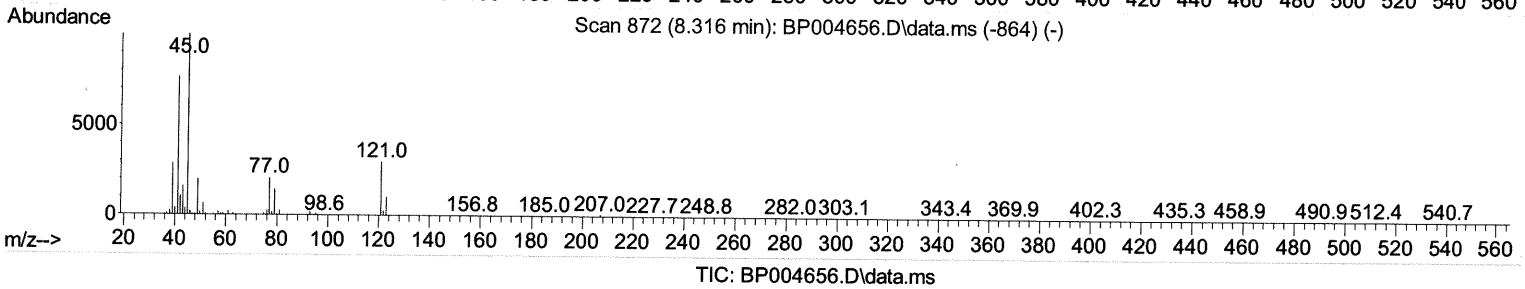

TIC: BP004656.D\data.ms

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

8.316min (0.000) 15.46 ng/ul

response 38930

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	22.50	20.73
79.00	17.00	14.41
0.00	0.00	0.00

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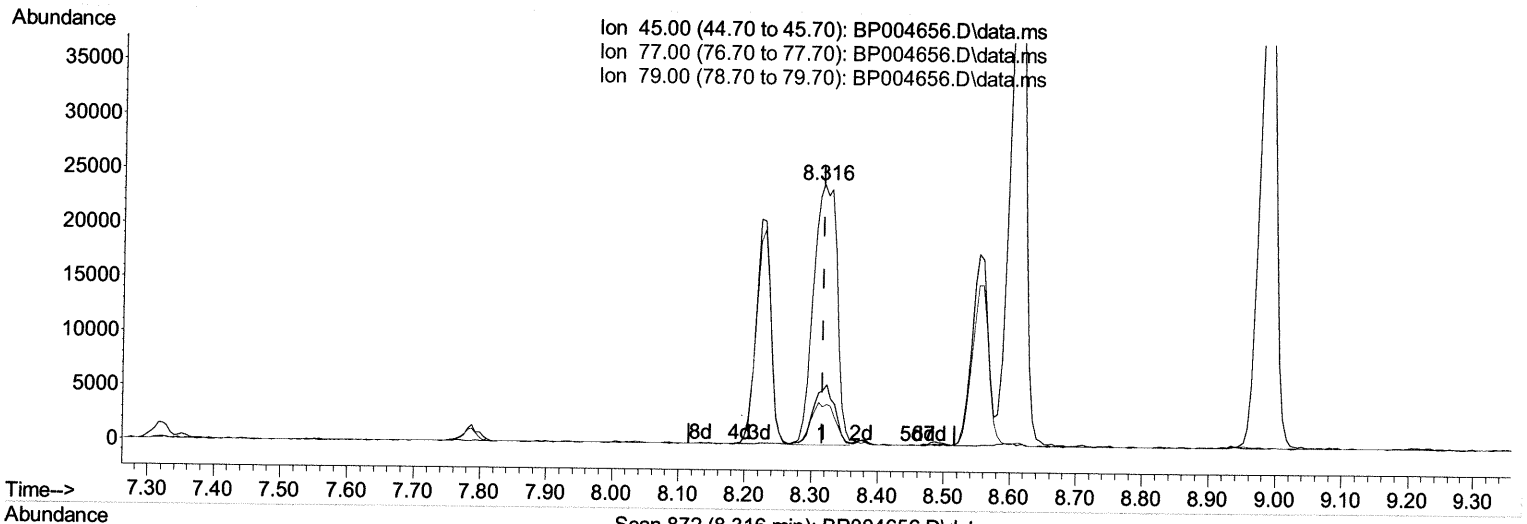

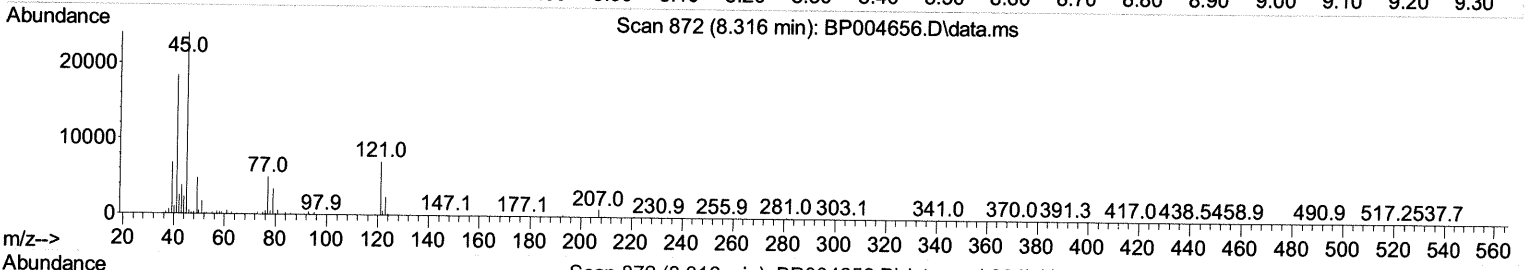

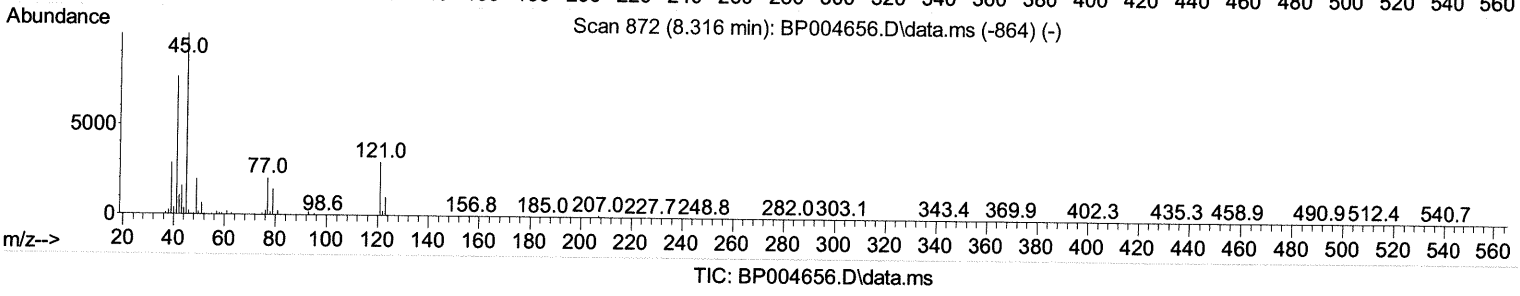

TIC: BP004656.D\data.ms

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

8.316min (0.000) 23.24 ng/ul m 01/29/21 JU

response 58526

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	22.50	20.73
79.00	17.00	14.41
0.00	0.00	0.00

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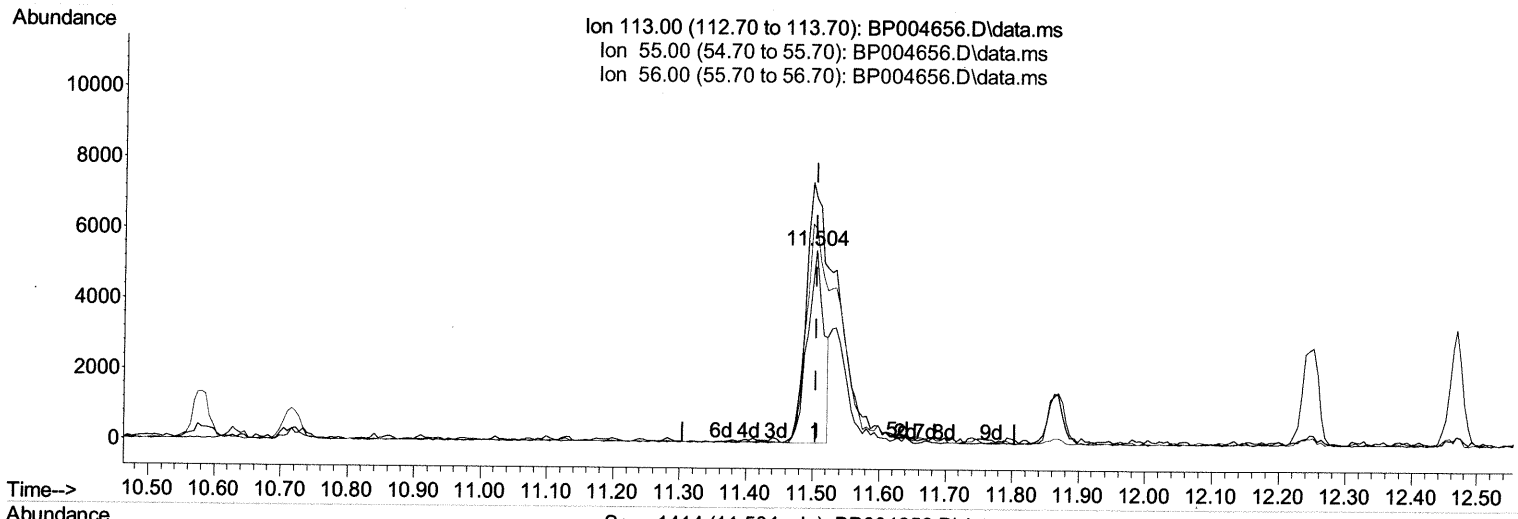

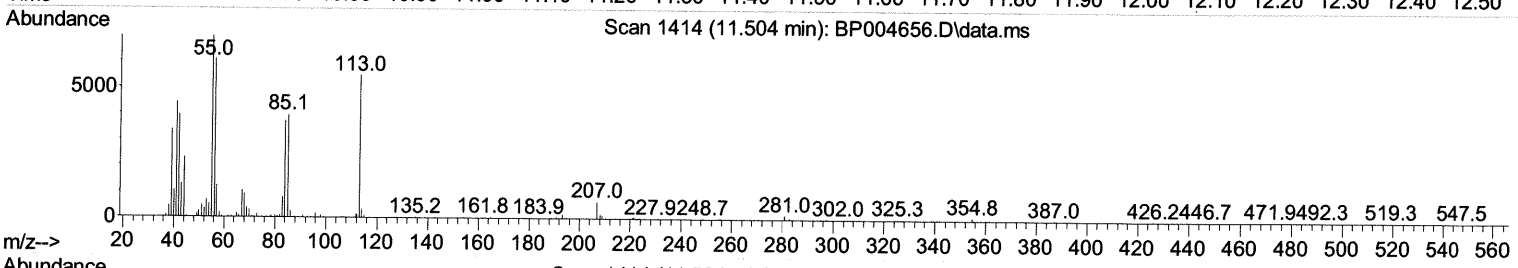

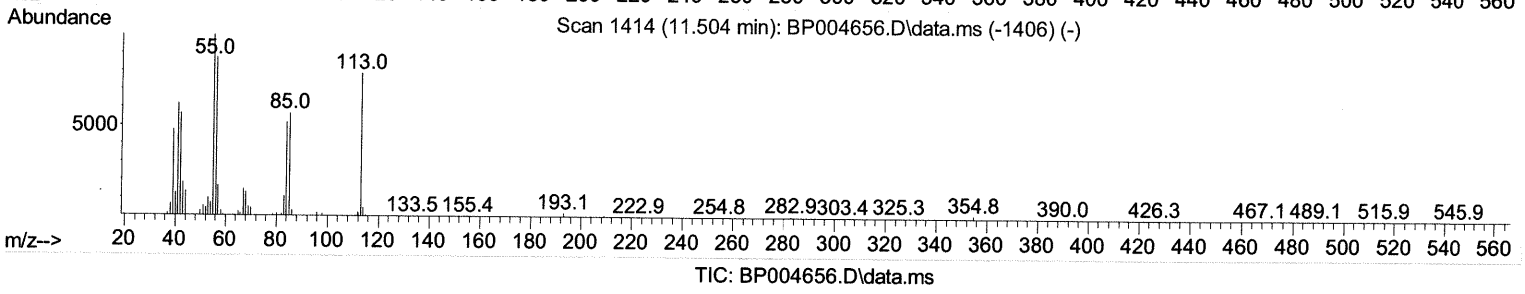

TIC: BP004656.D\data.ms

(34) Caprolactam

11.504min (0.000) 11.24 ng/ul

response 9495

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	127.17
56.00	102.40	111.03
0.00	0.00	0.00

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Manual Integrations APPROVED
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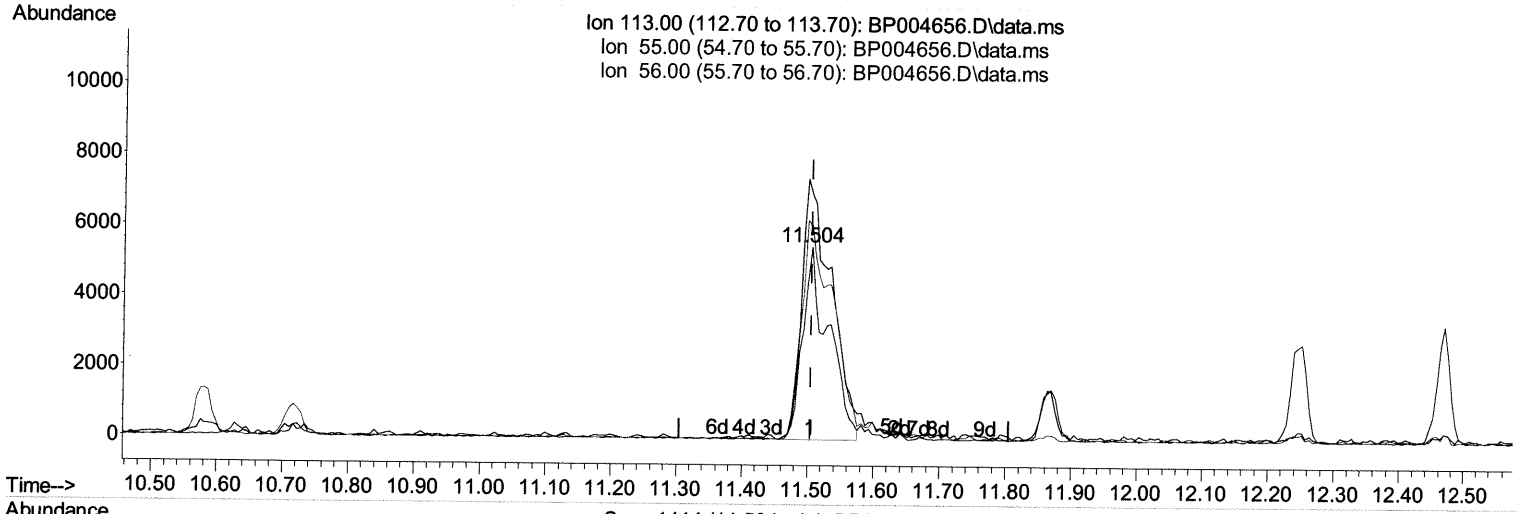

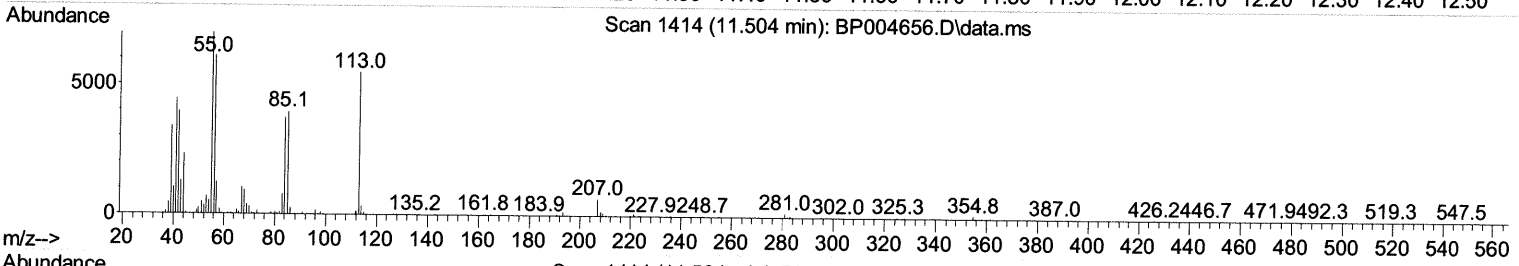

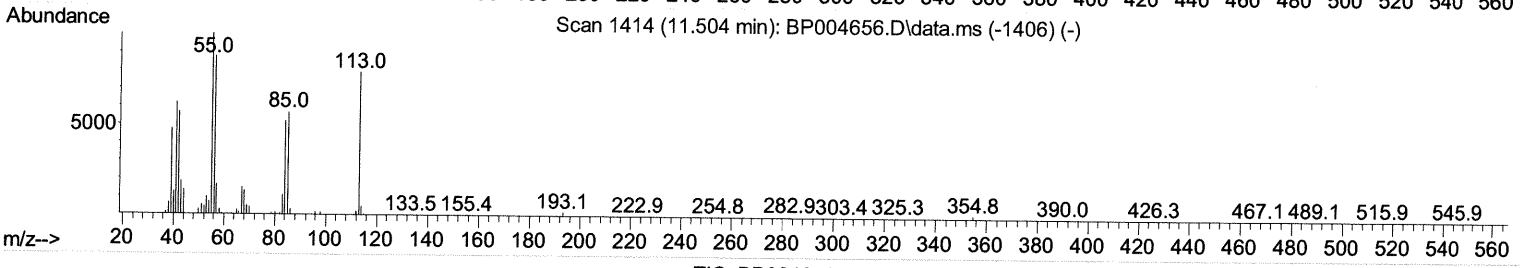

TIC: BP004656.D\data.ms

(34) Caprolactam

11.504min (0.000) 17.73 ng/ul m 01/29/21 JU

response 14970

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	127.17
56.00	102.40	111.03
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	7.787	152	41469	20.00	ng/ul	0.00
20) Naphthalene-d8	10.581	136	147904	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	122568	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	313473	20.00	ng/ul	0.00
79) Chrysene-d12	21.269	240	358953	20.00	ng/ul	0.00
88) Perylene-d12	23.586	264	340694	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	7224	8.43	ng/uL	0.00
4) Pyridine-d5	3.681	84	48967	21.16	ng/ul	0.00
7) Phenol-d5	6.952	99	65319	20.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	42237	23.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	48340	19.54	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	50859	19.10	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	23202	19.84	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	28551	18.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	67773	20.83	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	71395	20.56	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	217391	20.86	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	240788	20.24	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	31755	19.94	ng/ul	0.00
60) Fluorene-d10	15.428	176	195869	21.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	41152	18.11	ng/ul	0.00
73) Anthracene-d10	17.286	188	324063	20.57	ng/ul	0.00
81) Pyrene-d10	19.522	212	396846	19.50	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	407886	21.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	7738	8.65	ng/uL	87
5) Pyridine	3.699	79	51605	22.09	ng/ul	94
6) Benzaldehyde	6.928	77	35103	22.87	ng/ul	95
8) Phenol	6.975	94	67615	20.56	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.216	93	53204	21.32	ng/ul	98
12) 2-Chlorophenol	7.352	128	48439	19.69	ng/ul	95
13) 2-Methylphenol	8.228	108	51567	19.91	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.316	45	58526m>	23.24	ng/ul>	01/29/21 JU
16) Acetophenone	8.610	105	86770	19.81	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.593	70	49627	21.34	ng/ul	98
18) 4-Methylphenol	8.552	108	55021	19.70	ng/ul	97
19) Hexachloroethane	8.863	117	25219	19.96	ng/ul	94
22) Nitrobenzene	8.987	77	79096	22.50	ng/ul	94
23) Isophorone	9.510	82	133888	20.90	ng/ul	99
25) 2-Nitrophenol	9.693	139	30601	20.40	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	69420	20.81	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.999	93	71919	21.99	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	65497	21.32	ng/ul	94
30) Naphthalene	10.634	128	169579	20.78	ng/ul	98
32) 4-Chloroaniline	10.740	127	70956	20.89	ng/ul	95
33) Hexachlorobutadiene	10.922	225	61229	22.63	ng/ul	97
34) Caprolactam	11.504	113	14970m>	17.73	ng/ul>	01/29/21 JU
35) 4-Chloro-3-methylphenol	11.863	107	64265	21.27	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	136285	20.91	ng/ul	100
37) 1-Methylnaphthalene	12.469	142	130184	20.84	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	107806	21.99	ng/ul	94
40) Hexachlorocyclopentadiene	12.598	237	70088	18.62	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	61788	20.40	ng/ul	95
42) 2,4,5-Trichlorophenol	12.928	196	65931	20.78	ng/ul	93
43) 1,1'-Biphenyl	13.263	154	199457	20.87	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	165072	20.84	ng/ul	98
45) 2-Nitroaniline	13.510	65	46516	21.39	ng/ul	93
47) Dimethylphthalate	13.892	163	217883	20.89	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	41700	19.64	ng/ul	87
50) Acenaphthylene	14.151	152	231319	20.52	ng/ul	99
51) 3-Nitroaniline	14.334	138	22058	15.70	ng/ul	89
52) Acenaphthene	14.498	153	166294	20.64	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	26518	18.42	ng/ul	96
55) 4-Nitrophenol	14.640	109	40916	20.62	ng/ul	88
56) Dibenzofuran	14.834	168	258840	21.23	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	59758	20.05	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	66607	21.03	ng/ul	97
59) Diethylphthalate	15.263	149	207499	20.46	ng/ul	97
61) Fluorene	15.487	166	216703	21.12	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	132570	21.92	ng/ul	99
63) 4-Nitroaniline	15.498	138	22492	16.28	ng/ul#	94
66) 4,6-Dinitro-2-methylph...	15.557	198	42537	17.84	ng/ul	93
67) N-Nitrosodiphenylamine	15.698	169	182312	19.37	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	88344	20.15	ng/ul	95
69) Hexachlorobenzene	16.486	284	99136	20.19	ng/ul	98
70) Atrazine	16.651	200	84972	19.59	ng/ul	99
71) Pentachlorophenol	16.834	266	60136	19.07	ng/ul	98
72) Phenanthrene	17.228	178	370991	20.47	ng/ul	99
74) Anthracene	17.322	178	380906	20.53	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	106632	20.69	ng/uL	98
76) Pentachlorobenzene	14.751	250	113678	20.14	ng/uL	99
77) Carbazole	17.592	167	304405	19.83	ng/ul	99
78) Di-n-butylphthalate	18.157	149	352503	19.25	ng/ul	100
80) Fluoranthene	19.198	202	495015	19.09	ng/ul	99
82) Pyrene	19.551	202	511046	19.54	ng/ul	98
83) Butylbenzylphthalate	20.433	149	154608	17.98	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.192	252	151830	16.92	ng/ul	100
85) Benzo(a)anthracene	21.257	228	503996	20.58	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	230470	18.66	ng/ul	99
87) Chrysene	21.304	228	483511	20.76	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	366943	19.13	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	498896	21.78	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	499384	22.19	ng/ul	99
93) Benzo(a)pyrene	23.486	252	451687	21.73	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.962	276	547154	20.27	ng/ul	97
95) Dibenzo(a,h)anthracene	25.980	278	466207	20.26	ng/ul#	97
96) Benzo(g,h,i)perylene	26.698	276	457695	20.49	ng/ul	97

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