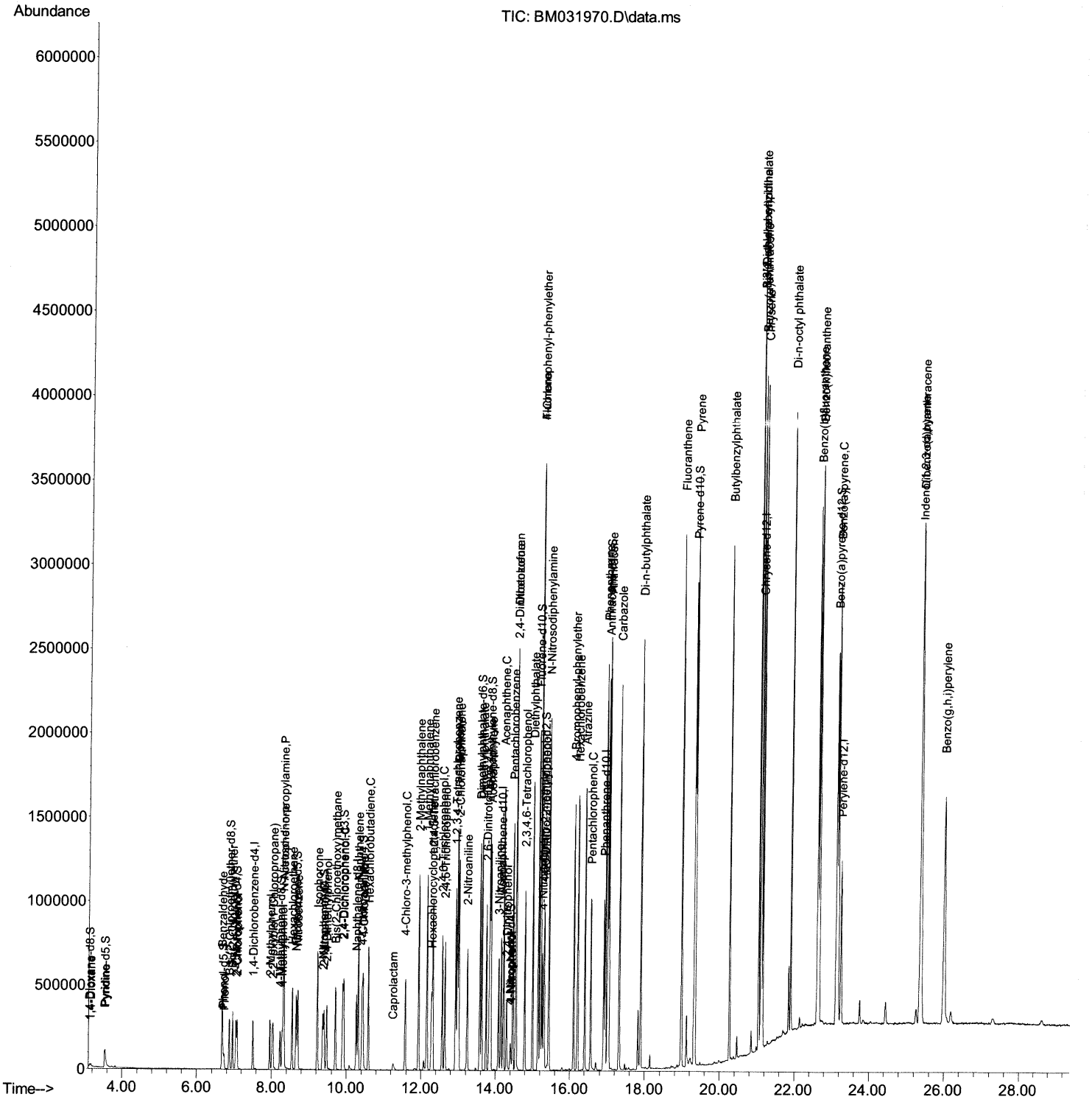
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031970.D
Acq On : 31 Aug 2021 03:48
Operator : CG/JU
Sample : M3422-25MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 31 05:01:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBKE2MSD

Manual Integrations APPROVED
mohammad
8/31/2021 11:37:42 AM



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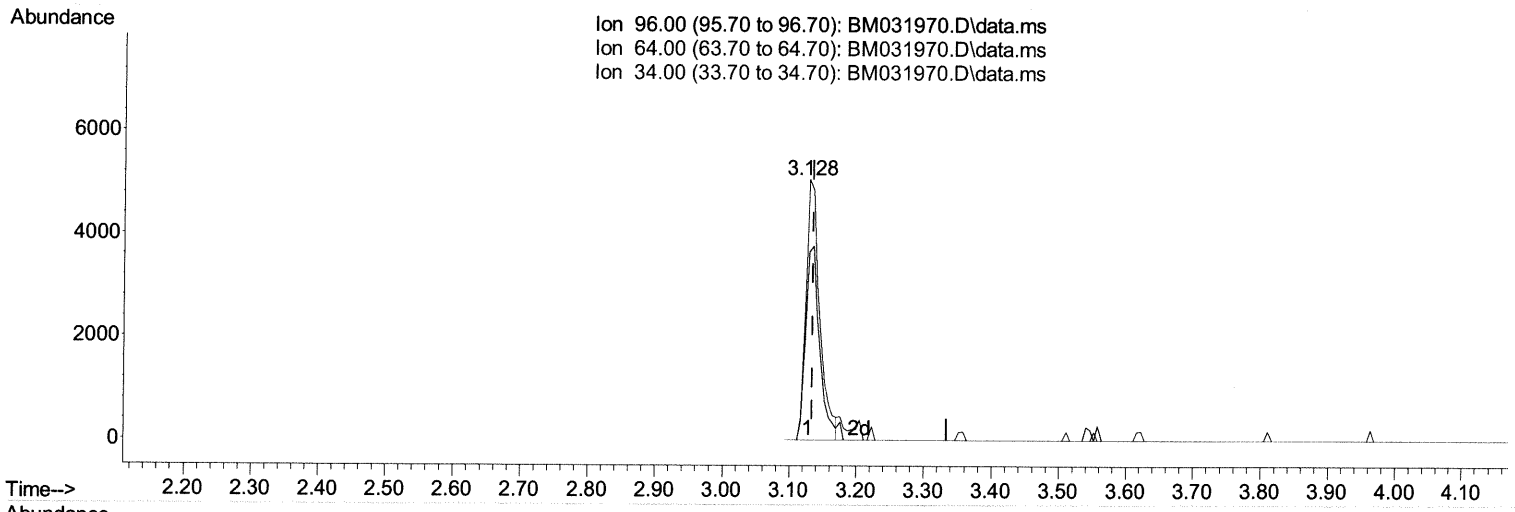

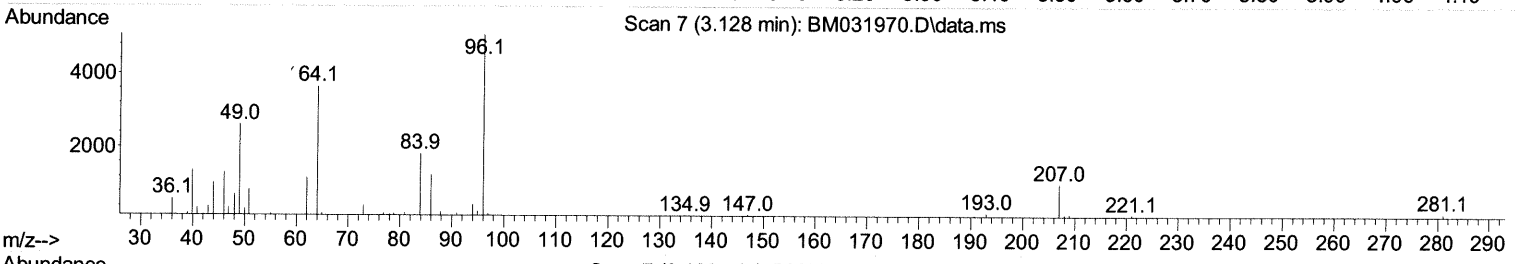

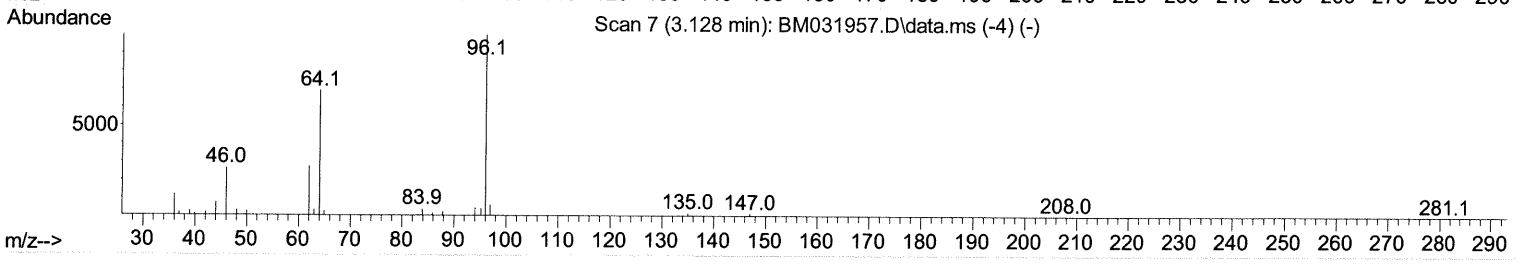

TIC: BM031970.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.128min (-0.006) 4.42 ng/uL

response 7299

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.00	72.08
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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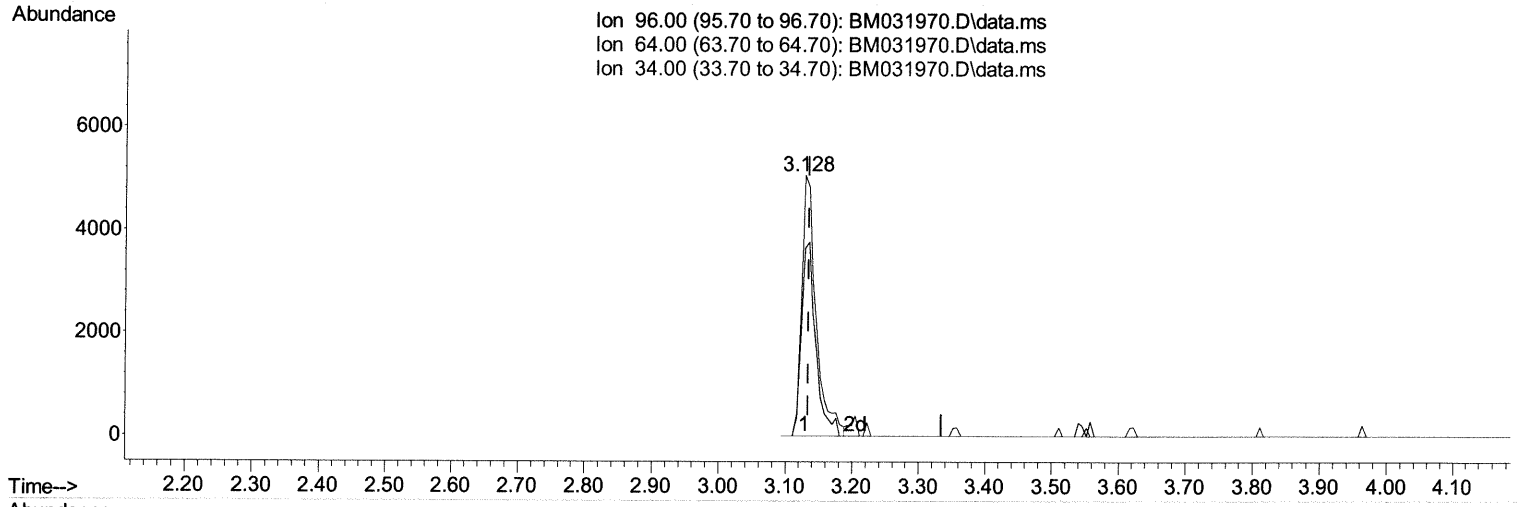

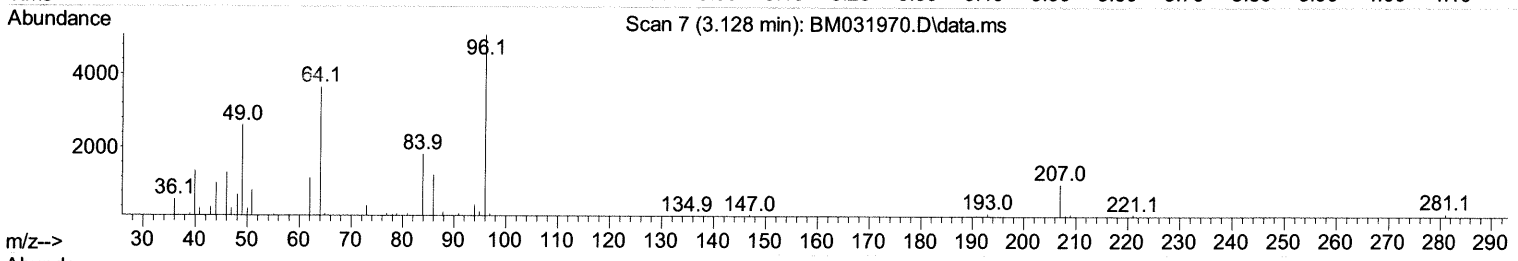

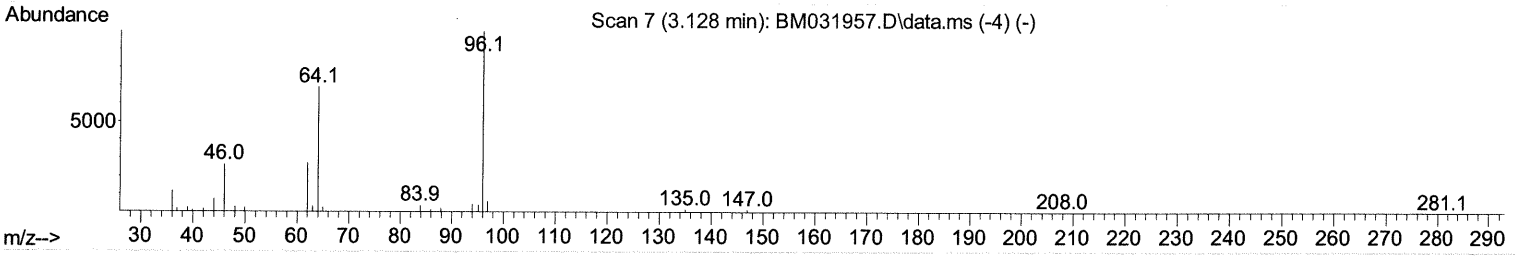

TIC: BM031970.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.128min (-0.006) 4.60 ng/uL m 09/01/21 JU

response 7595

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.00	72.08
34.00	0.00	0.00
0.00	0.00	0.00

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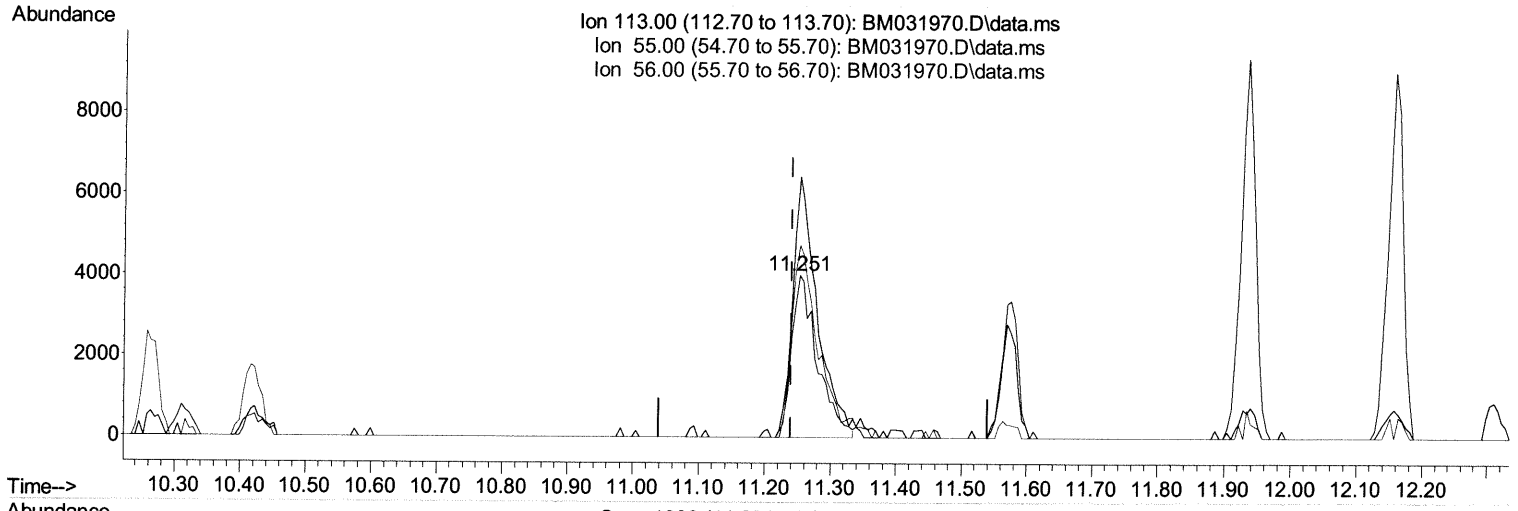

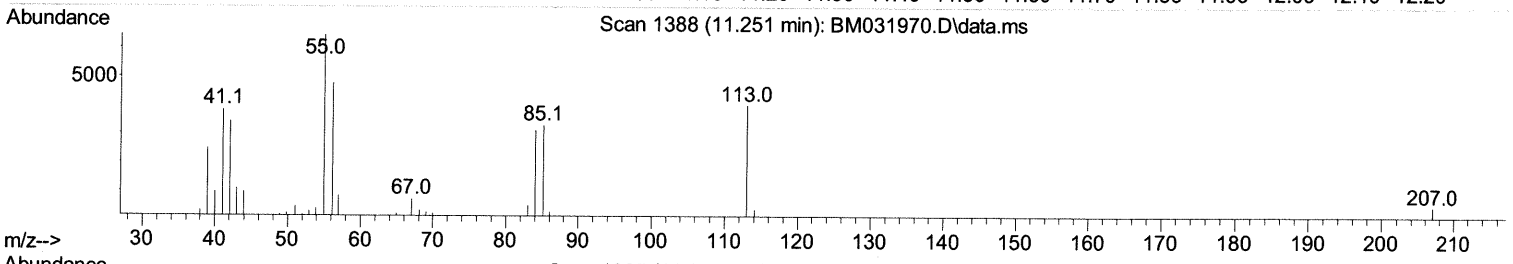

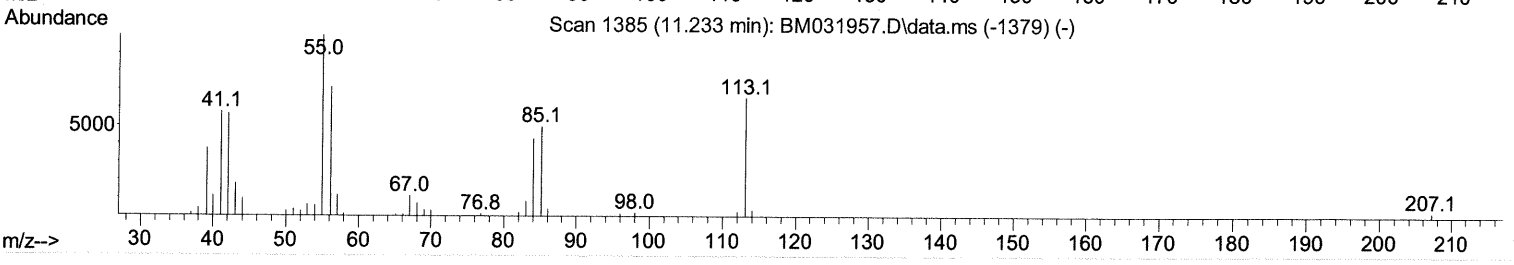

TIC: BM031970.D\data.ms

(34) Caprolactam

11.251min (+ 0.012) 5.81 ng/ul

response 10892

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	160.93
56.00	127.40	118.65
0.00	0.00	0.00

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mohammad
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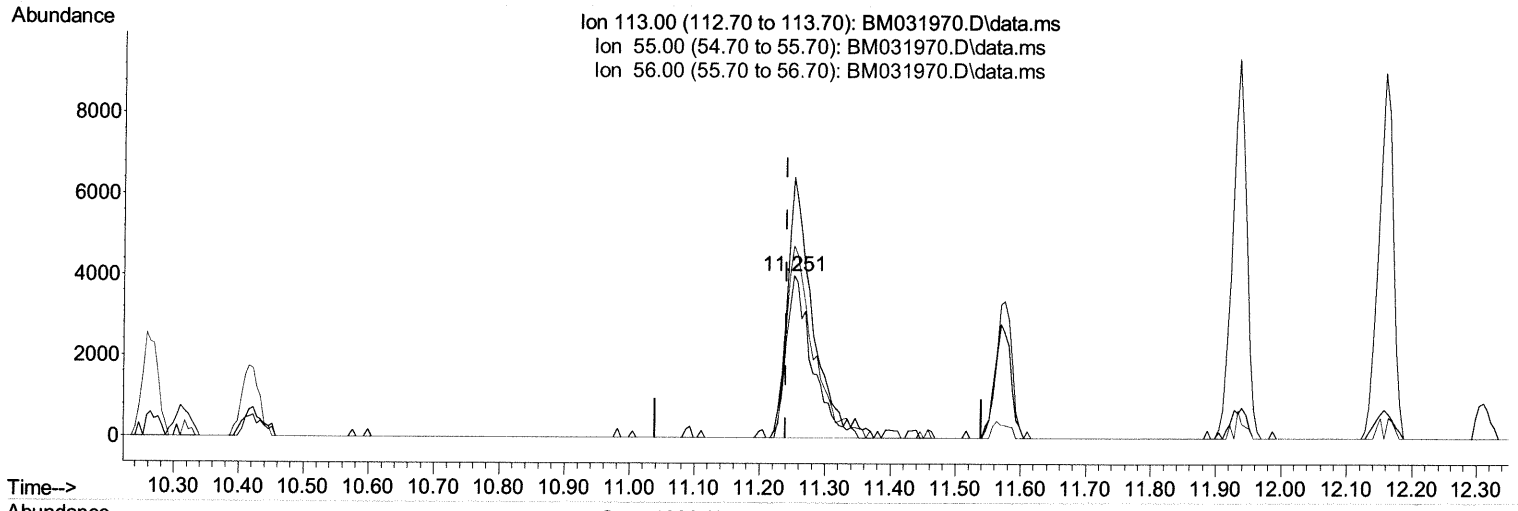

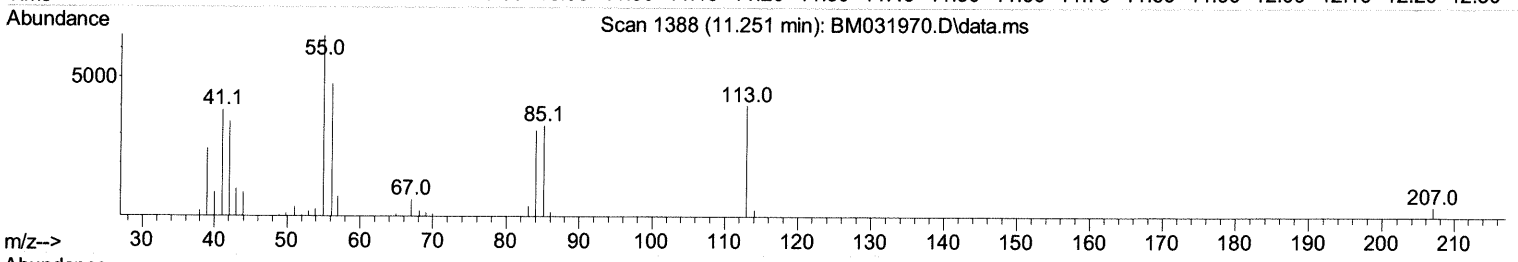

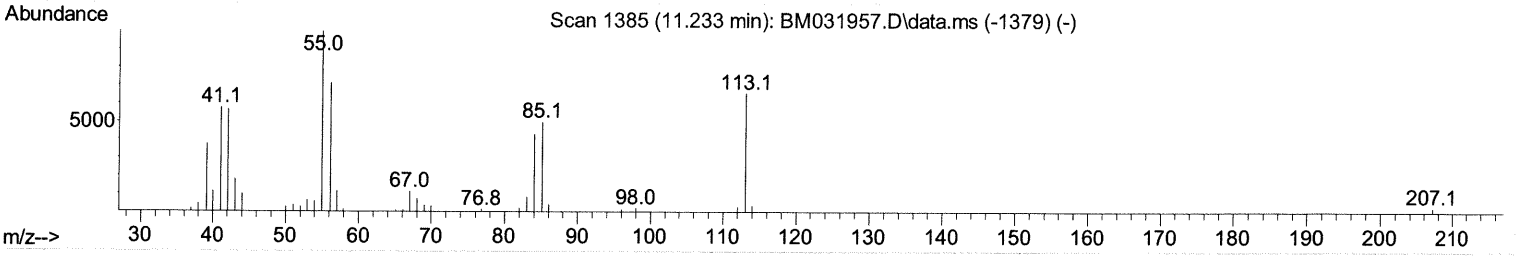

TIC: BM031970.D\data.ms

(34) Caprolactam

11.251min (+ 0.012) 5.89 ng/ul m 09/01/21 JU

response 11040

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	160.93
56.00	127.40	118.65
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.505	152	76248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	342667	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	257412	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	565336	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.110	240	638039	20.000	ng/ul	0.00
88) Perylene-d12	23.251	264	626047	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	7595m	4.596	ng/uL	0.00
4) Pyridine-d5	3.528	84	47156	10.049	ng/ul	0.00
7) Phenol-d5	6.705	99	38840	6.143	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	129398	35.371	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	122846	25.249	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	80053	14.757	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	97891	39.331	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	97683	33.163	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	179749	30.416	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	236104	28.323	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	870619	44.698	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	979608	42.468	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	25010	7.094	ng/ul	0.00
60) Fluorene-d10	15.151	176	750100	43.809	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	143689	36.990	ng/ul	0.00
73) Anthracene-d10	17.004	188	1261295	47.004	ng/ul	0.00
81) Pyrene-d10	19.310	212	1483888	49.653	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	1587049	48.235	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	9133	4.584	ng/uL#	81
5) Pyridine	3.546	79	53534	11.096	ng/ul	95
6) Benzaldehyde	6.675	77	152481	53.271	ng/ul	96
8) Phenol	6.734	94	43265	6.800	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	177658	36.662	ng/ul	92
12) 2-Chlorophenol	7.081	128	124387	25.602	ng/ul	93
13) 2-Methylphenol	7.957	108	89381	18.220	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	227611	36.143	ng/ul#	89
16) Acetophenone	8.328	105	309331	36.409	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.316	70	162748	39.265	ng/ul	92
18) 4-Methylphenol	8.287	108	84629	15.535	ng/ul	93
19) Hexachloroethane	8.557	117	80673	38.761	ng/ul	87
22) Nitrobenzene	8.699	77	246211	39.184	ng/ul	100
23) Isophorone	9.222	82	452551	39.132	ng/ul#	97
25) 2-Nitrophenol	9.399	139	101145	32.964	ng/ul#	94
26) 2,4-Dimethylphenol	9.469	107	125089	20.027	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.704	93	268661	39.190	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	177401	31.559	ng/ul	98
30) Naphthalene	10.316	128	659824	38.464	ng/ul	98
32) 4-Chloroaniline	10.445	127	241799	29.078	ng/ul	99
33) Hexachlorobutadiene	10.587	225	142639	38.250	ng/ul	98
34) Caprolactam	11.251	113	11040m	5.892	ng/ul	99
35) 4-Chloro-3-methylphenol	11.575	107	178191	30.228	ng/ul	99

09/01/21 JU

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	11.934	142	526956	38.960	ng/ul	98
37)	1-Methylnaphthalene	12.157	142	511374	37.119	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.310	216	302798	40.979	ng/ul	99
40)	Hexachlorocyclopentadiene	12.281	237	121365	30.515	ng/ul	98
41)	2,4,6-Trichlorophenol	12.563	196	186231	37.622	ng/ul	95
42)	2,4,5-Trichlorophenol	12.639	196	205126	38.158	ng/ul	99
43)	1,1'-Biphenyl	12.969	154	733168	40.492	ng/ul	97
44)	2-Chloronaphthalene	13.010	162	580998	40.502	ng/ul	99
45)	2-Nitroaniline	13.239	65	185623	46.968	ng/ul	95
47)	Dimethylphthalate	13.628	163	869192	45.447	ng/ul	99
48)	2,6-Dinitrotoluene	13.751	165	188176	49.873	ng/ul	97
50)	Acenaphthylene	13.869	152	899662	42.386	ng/ul	99
51)	3-Nitroaniline	14.081	138	156810	44.410	ng/ul	94
52)	Acenaphthene	14.216	153	651469	42.261	ng/ul	97
53)	2,4-Dinitrophenol	14.298	184	90791	34.415	ng/ul	93
55)	4-Nitrophenol	14.410	109	23957	7.360	ng/ul	92
56)	Dibenzofuran	14.551	168	991477	43.613	ng/ul	99
57)	2,4-Dinitrotoluene	14.545	165	282816	49.976	ng/ul#	84
58)	2,3,4,6-Tetrachlorophenol	14.786	232	197040	40.831	ng/ul#	99
59)	Diethylphthalate	14.998	149	920912	47.112	ng/ul	98
61)	Fluorene	15.210	166	872854	45.377	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.210	204	437409	44.400	ng/ul	100
63)	4-Nitroaniline	15.257	138	162730	51.450	ng/ul#	86
66)	4,6-Dinitro-2-methylph...	15.310	198	139224	36.860	ng/ul	97
67)	N-Nitrosodiphenylamine	15.428	169	773364	47.635	ng/ul	98
68)	4-Bromophenyl-phenylether	16.104	248	278193	48.019	ng/ul	99
69)	Hexachlorobenzene	16.210	284	323754	48.132	ng/ul	97
70)	Atrazine	16.398	200	308521	50.437	ng/ul	97
71)	Pentachlorophenol	16.563	266	170309	38.719	ng/ul	98
72)	Phenanthrene	16.951	178	1458298	47.229	ng/ul	100
74)	Anthracene	17.039	178	1494216	47.285	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	12.928	216	309581	42.081	ng/uL	99
76)	Pentachlorobenzene	14.469	250	344308	44.612	ng/uL	99
77)	Carbazole	17.322	167	1367474	47.282	ng/ul	100
78)	Di-n-butylphthalate	17.892	149	1730836	52.226	ng/ul	99
80)	Fluoranthene	18.974	202	1820313	50.127	ng/ul	95
82)	Pyrene	19.339	202	1906787	49.595	ng/ul	94
83)	Butylbenzylphthalate	20.262	149	832073	55.116	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.039	252	395055	27.503	ng/ul	97
85)	Benzo(a)anthracene	21.098	228	1943274	48.963	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.045	149	1327681	54.531	ng/ul#	96
87)	Chrysene	21.151	228	1880235	49.254	ng/ul	99
89)	Di-n-octyl phthalate	21.898	149	2293560	53.700	ng/ul	100
90)	Benzo(b)fluoranthene	22.621	252	2036980	51.069	ng/ul	98
91)	Benzo(k)fluoranthene	22.662	252	2000167	51.798	ng/ul#	98
93)	Benzo(a)pyrene	23.162	252	1760586	48.880	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	25.362	276	1991786	43.207	ng/ul	95
95)	Dibenzo(a,h)anthracene	25.374	278	1705327	43.986	ng/ul	97
96)	Benzo(g,h,i)perylene	26.003	276	1565944	41.022	ng/ul	96

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