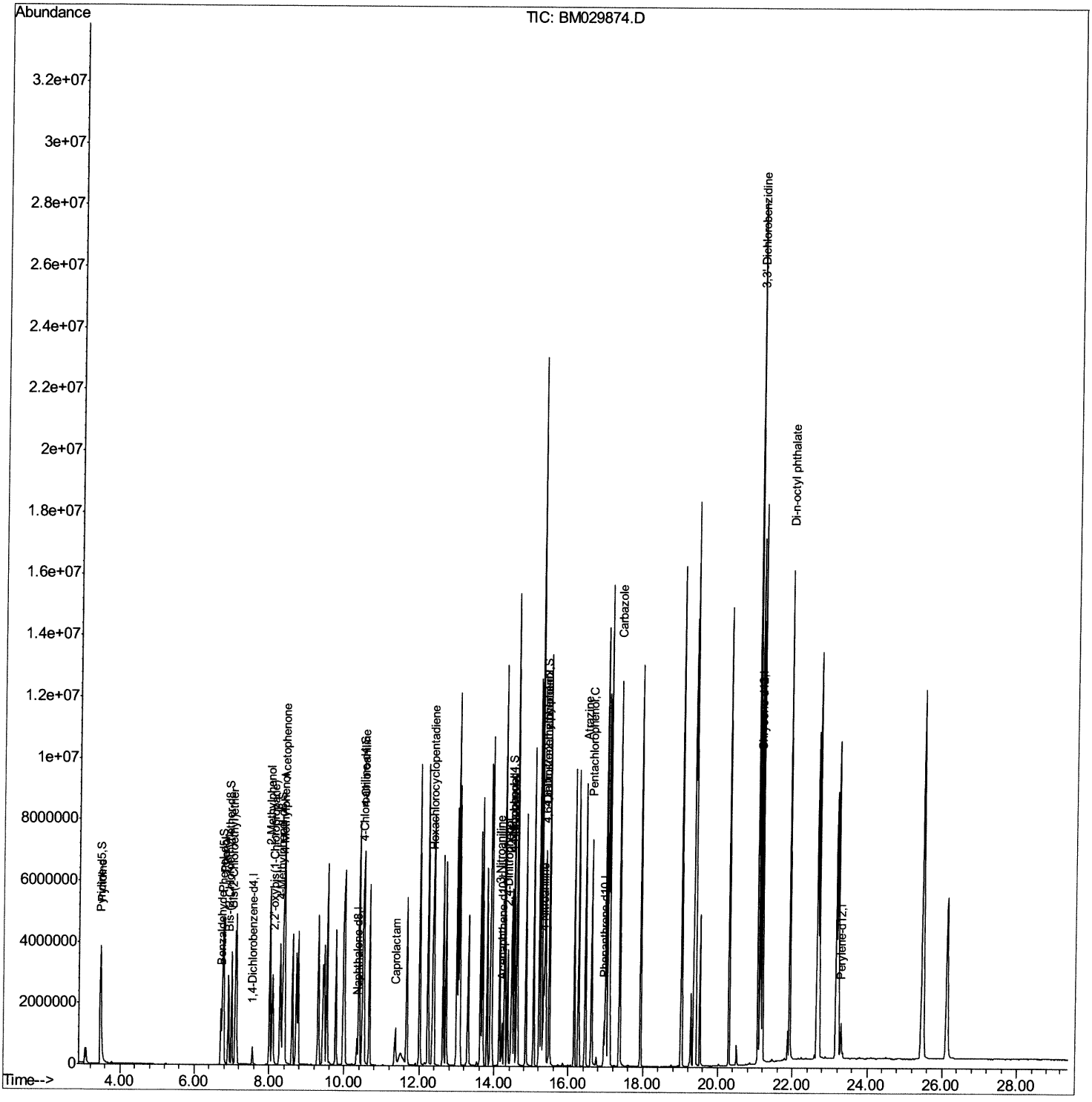
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050721\
Data File : BM029874.D
Acq On : 07 May 2021 13:12
Operator : CG/JU
Sample : SSTD16016
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 07 13:48:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 07 12:05:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160016

Manual Integrations APPROVED
mohammad
5/10/2021 11:44:56 AM



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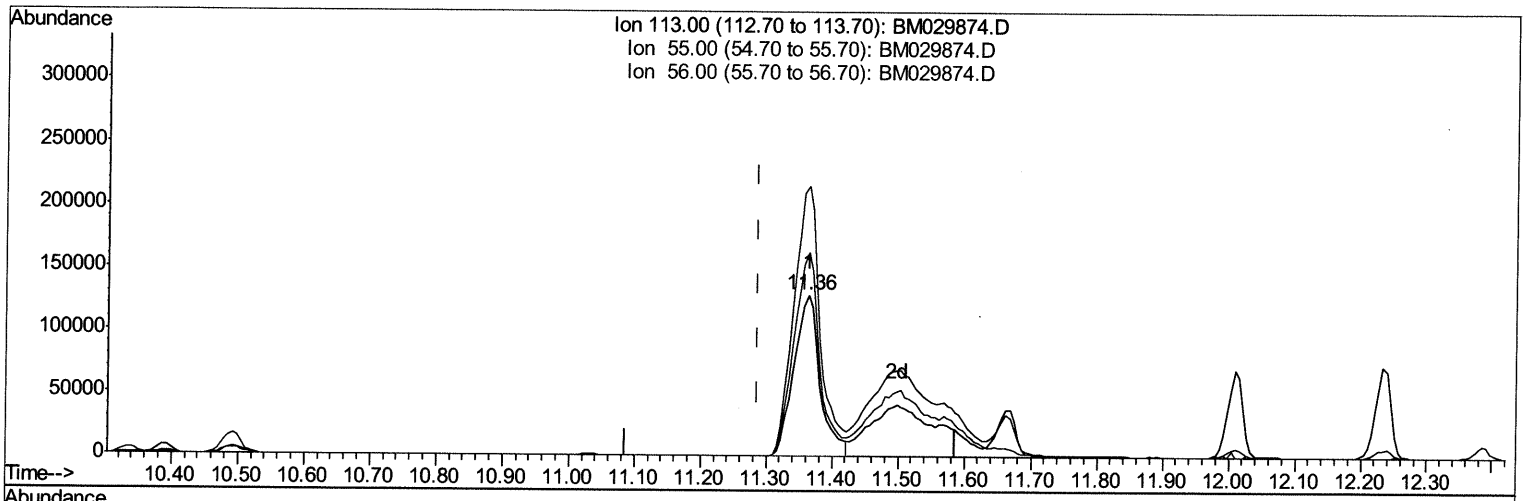

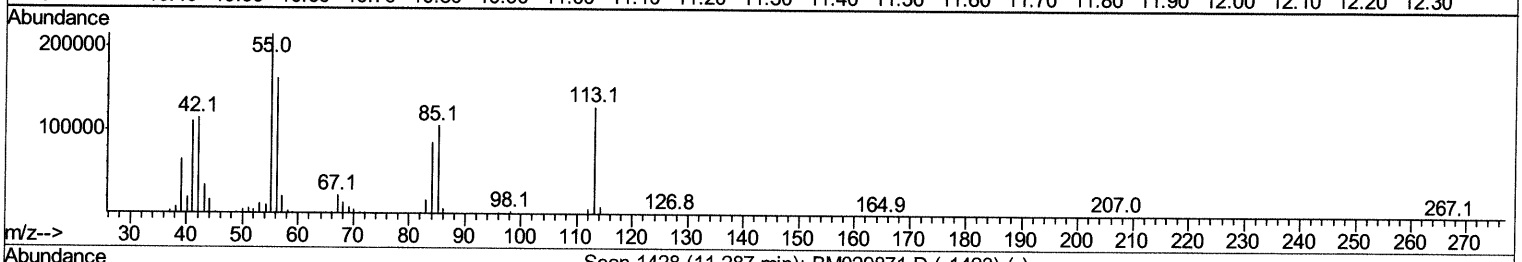

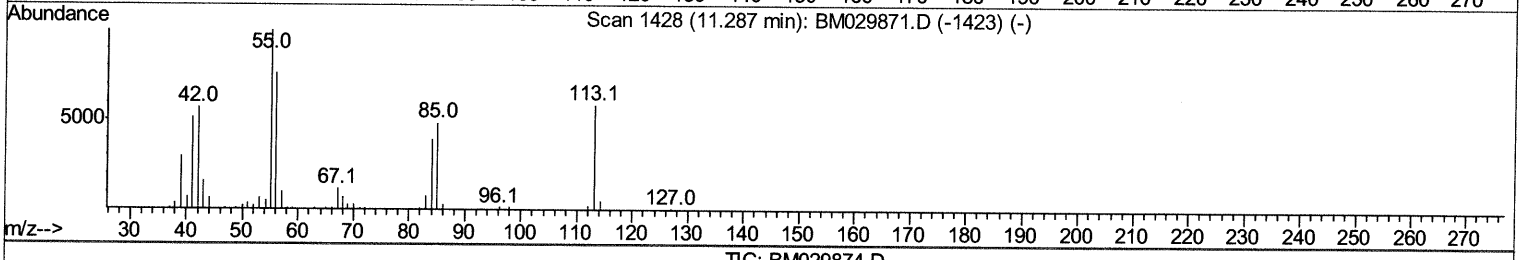

TIC: BM029874.D

(34) Caprolactam

11.363min (+0.076) 95.54ng/ul

response 352871

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	167.57
56.00	131.80	126.43
0.00	0.00	0.00

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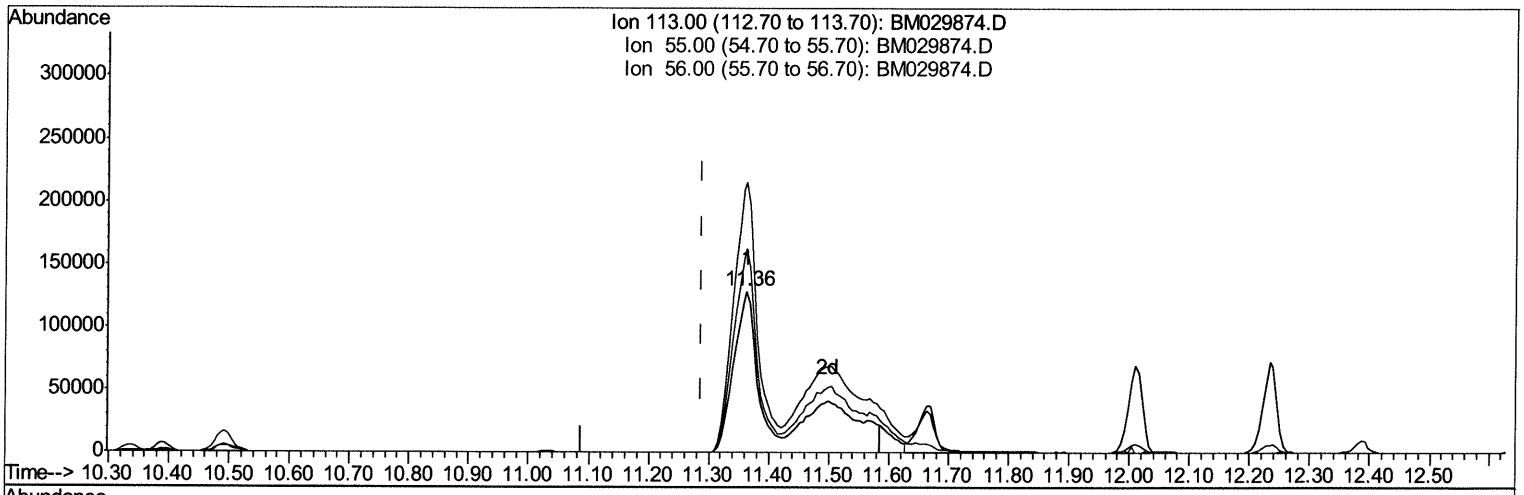

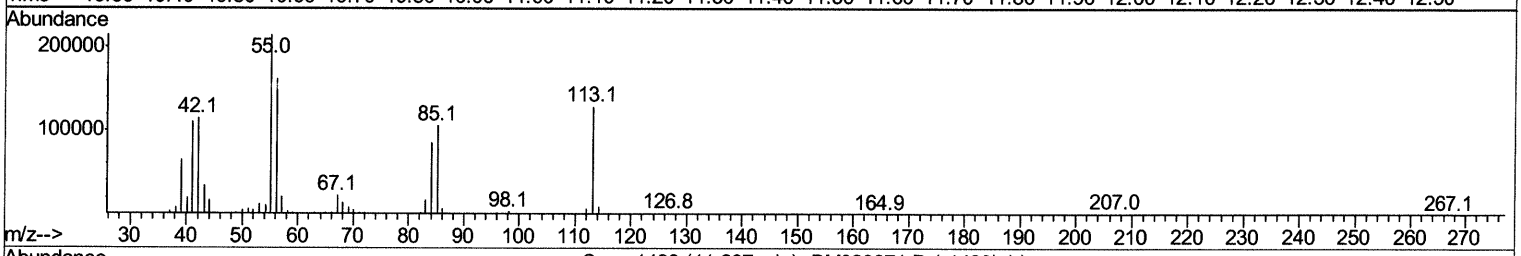

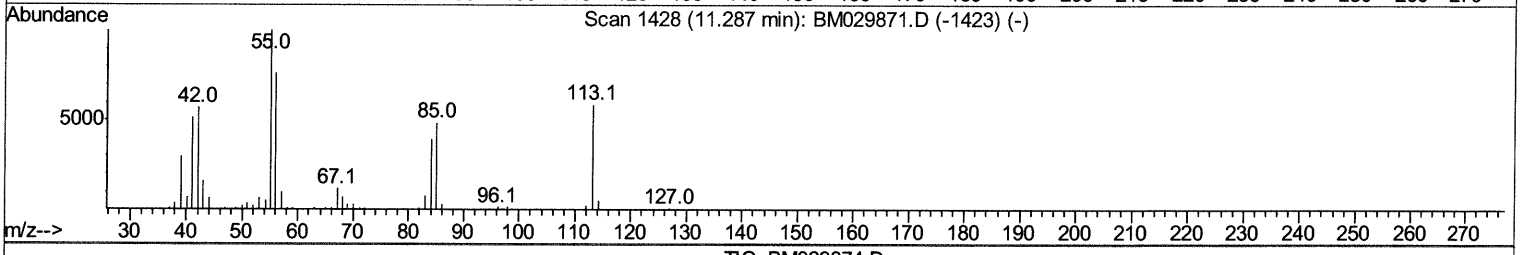

TIC: BM029874.D

(34) Caprolactam

11.363min (+0.076) 178.21ng/ul m 05/11/21 JU

response 658225

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	167.57
56.00	131.80	126.43
0.00	0.00	0.00

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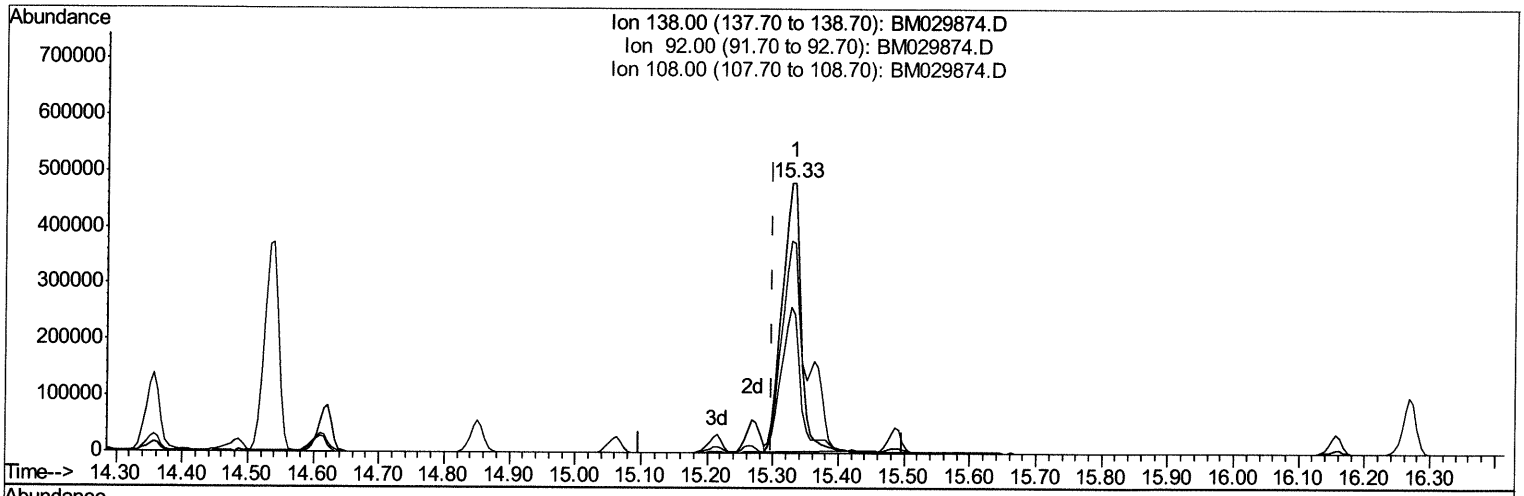

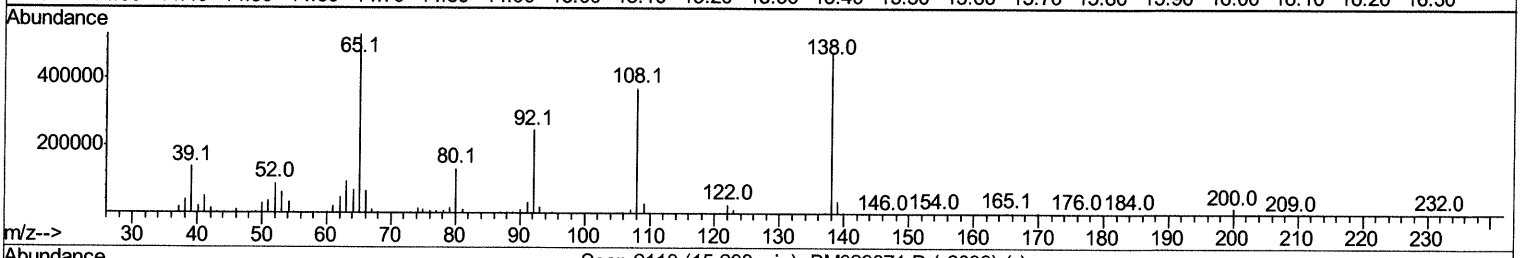

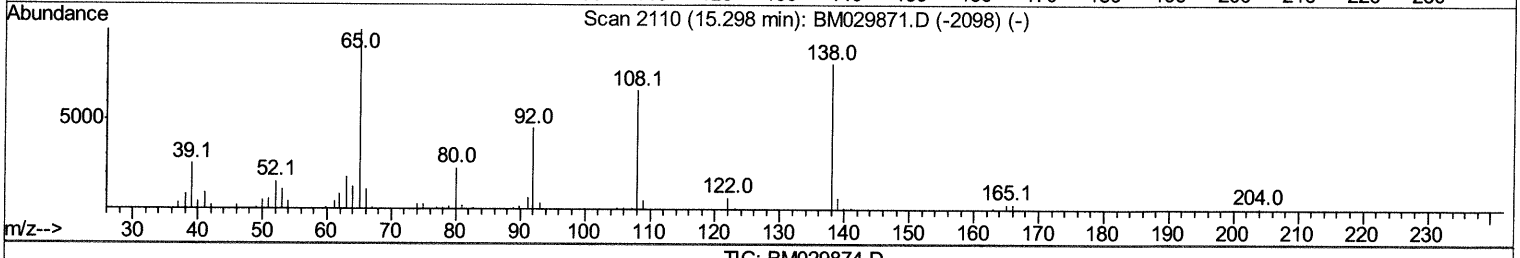

TIC: BM029874.D

(63) 4-Nitroaniline

15.333min (+0.035) 148.33ng/ul

response 958389

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	51.33
108.00	81.60	77.85
0.00	0.00	0.00

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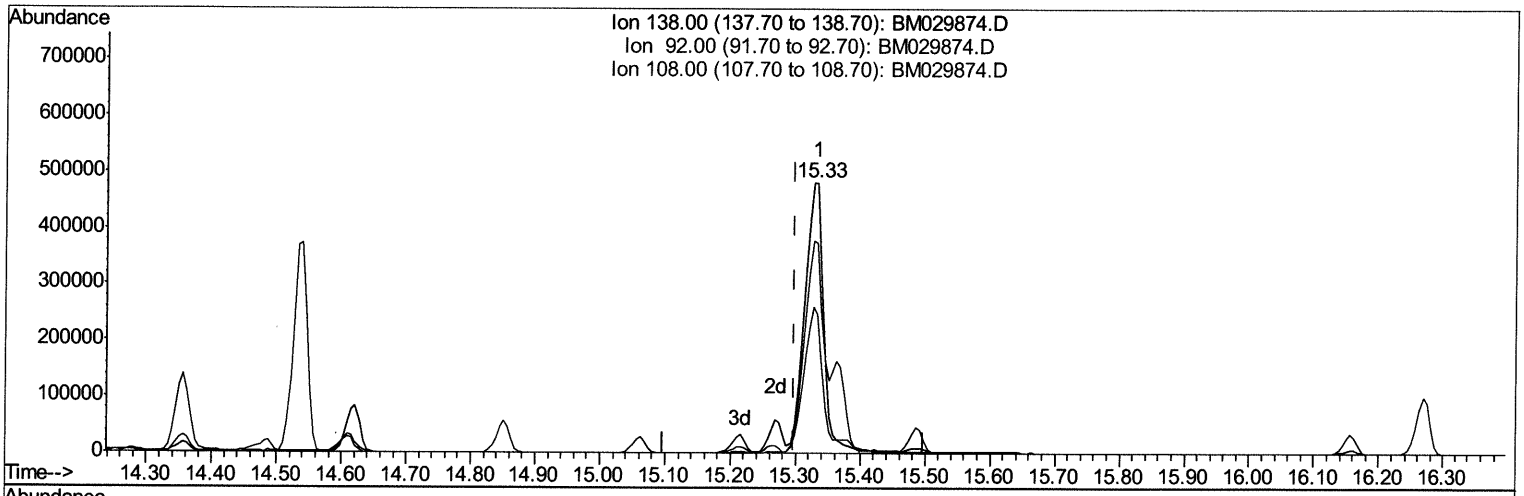

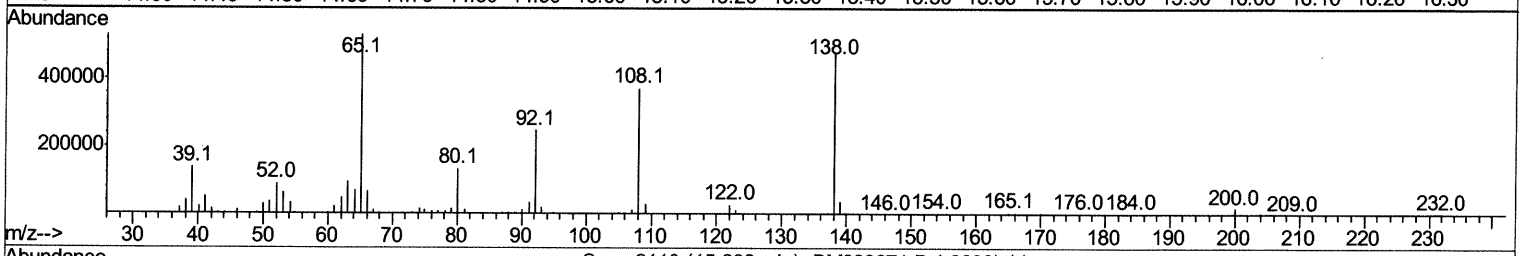

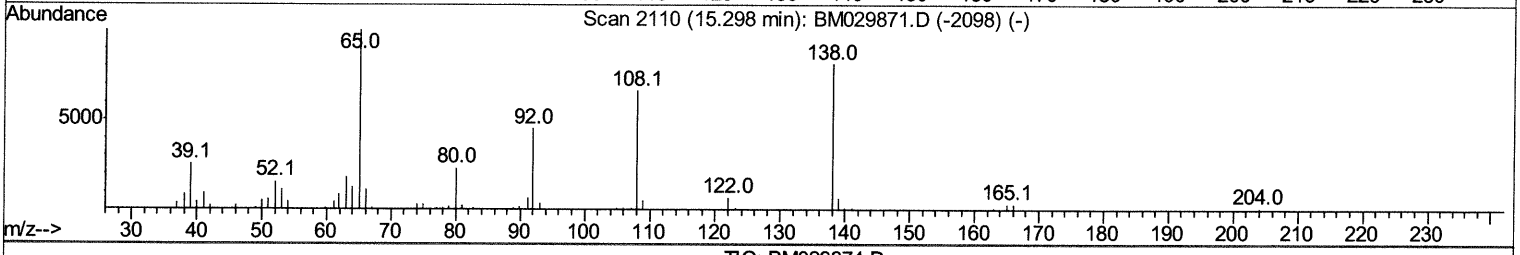

TIC: BM029874.D

(63) 4-Nitroaniline

15.333min (+0.035) 165.06ng/ul m 05/11/21 JU

response 1066533

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	51.33
108.00	81.60	77.85
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	152779	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	711511	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	462973	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	935594	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	935744	20.00	ng/ul	0.01
88) Perylene-d12	23.30	264	733015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.46	84	1801241	185.27	ng/ul	-0.02
7) Phenol-d5	6.76	99	2513138	178.34	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	6.91	67	1429880	169.50	ng/ul	0.00
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.29	113	2027639	174.14	ng/ul	0.02
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	10.49	131	2889381	173.77	ng/ul	0.01
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.47	143	1103427	205.29	ng/ul	0.03
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.36	200	1151377	202.27	ng/ul	0.02
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.48	79	1828311	184.395	ng/ul	92
6) Benzaldehyde	6.71	77	677283	92.518	ng/ul	98
8) Phenol	6.79	94	2514304	175.213	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.00	93	1880509	166.705	ng/ul	97
13) 2-Methylphenol	8.02	108	1910433	174.206	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.10	45	2675599	166.324	ng/ul	100
16) Acetophenone	8.40	105	3152491	170.476	ng/ul	97
18) 4-Methylphenol	8.37	108	2091924	173.867	ng/ul	99
32) 4-Chloroaniline	10.52	127	3007949	175.620	ng/ul	99
34) Caprolactam	11.36	113	658225m>	178.207	ng/ul>	05/11/21 JU
40) Hexachlorocyclopentadiene	12.36	237	1516472	211.501	ng/ul	98
51) 3-Nitroaniline	14.14	138	1208151	179.970	ng/ul	94
53) 2,4-Dinitrophenol	14.36	184	816142	211.296	ng/ul	96
55) 4-Nitrophenol	14.49	109	817997	202.506	ng/ul	93
63) 4-Nitroaniline	15.33	138	1066533m>	165.064	ng/ul >	05/11/21 JU
66) 4,6-Dinitro-2-methylphenol	15.38	198	1119275	196.909	ng/ul#	94
70) Atrazine	16.46	200	1846100	170.844	ng/ul	99
71) Pentachlorophenol	16.62	266	1324862	187.618	ng/ul	100
77) Carbazole	17.37	167	8240540	163.664	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.07	252	2844778	147.490	ng/ul	98
89) Di-n-octyl phthalate	21.93	149	10255466	196.917	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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