Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051921\
Data File : BM030084.D
Acq On : 19 May 2021 18:41
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 01:42:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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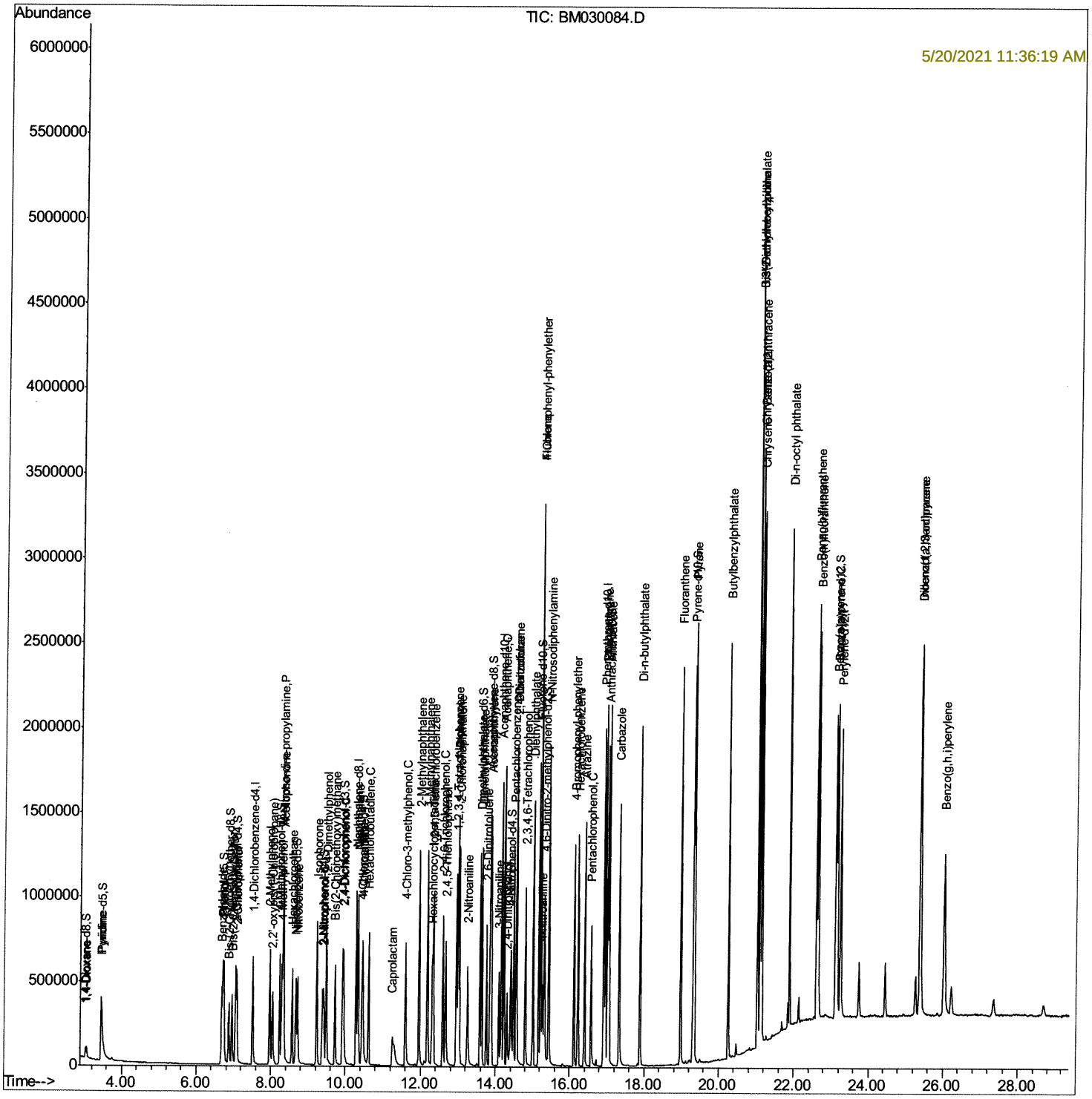

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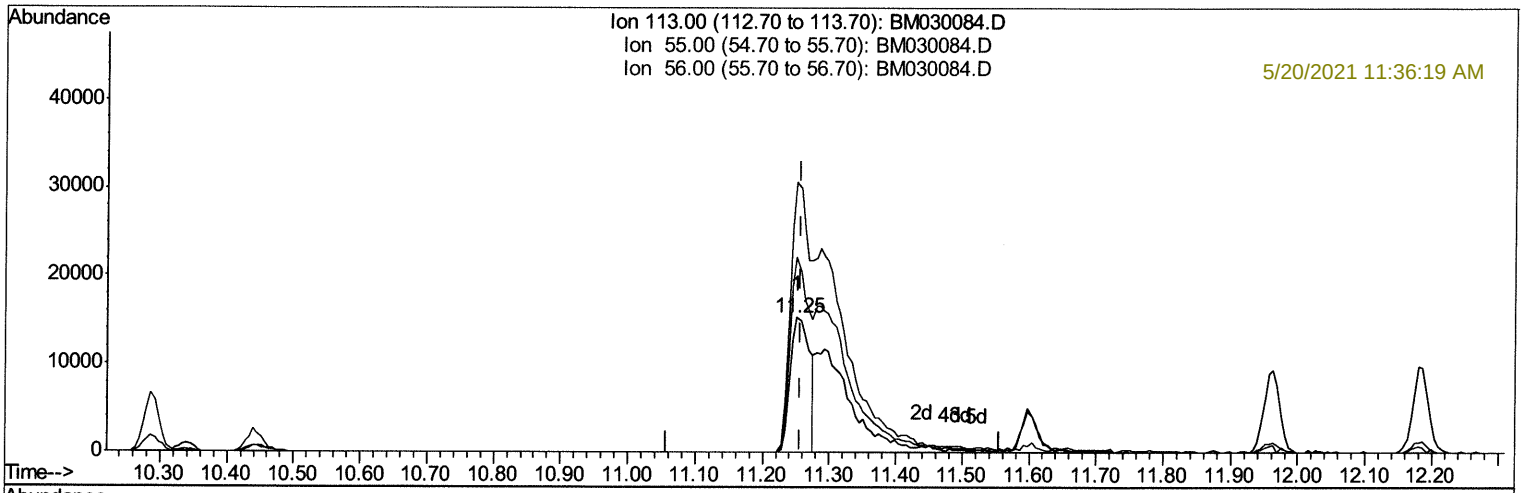

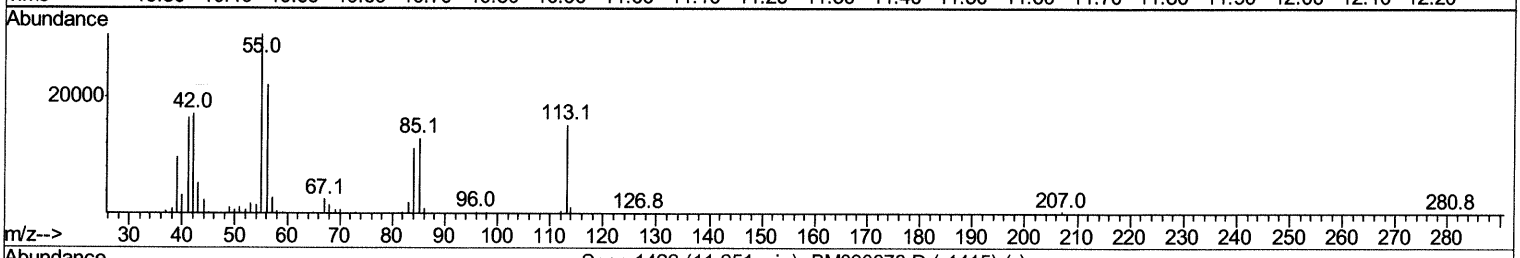

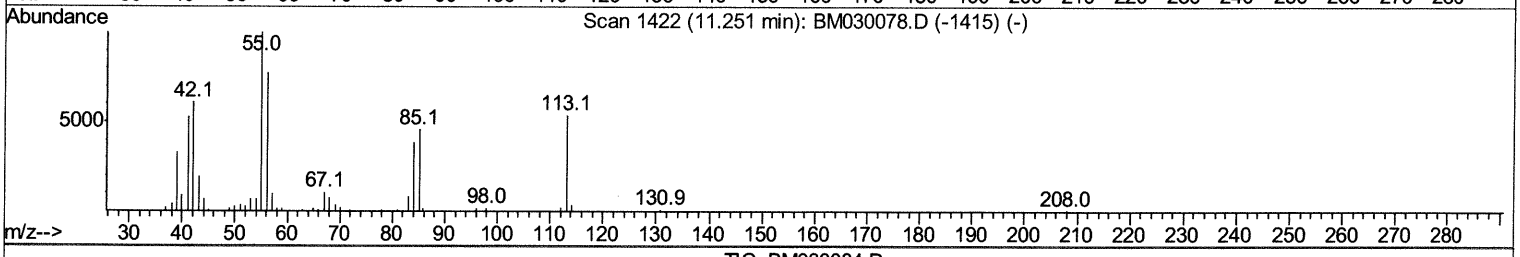

TIC: BM030084.D

(34) Caprolactam

11.251min (-0.006) 7.28ng/ul

response 31429

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	200.80
56.00	131.80	145.09
0.00	0.00	0.00

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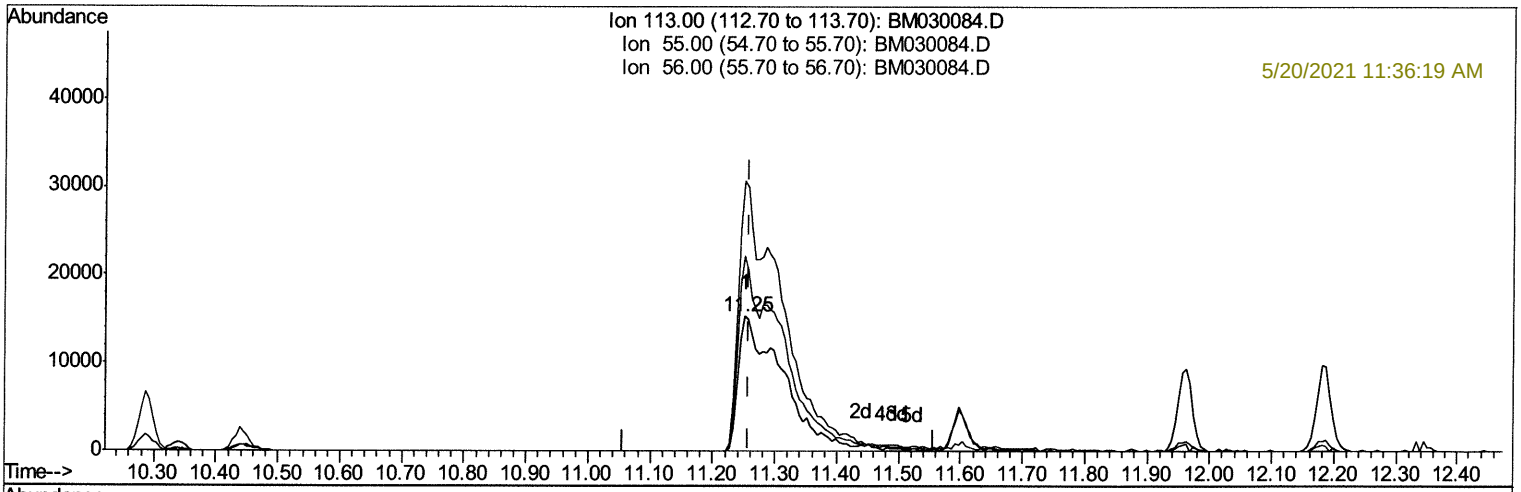

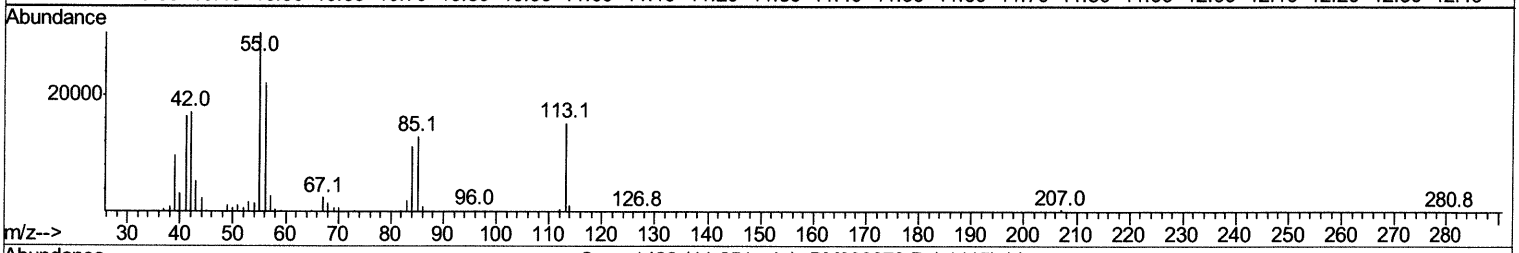

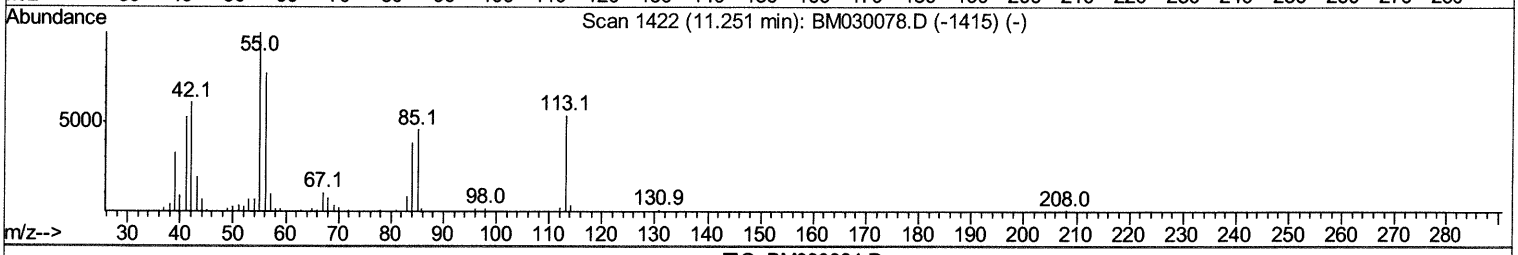

TIC: BM030084.D

(34) Caprolactam

11.251min (-0.006) 17.71ng/ul m 05/21/21 JU

response 76454

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	200.80
56.00	131.80	145.09
0.00	0.00	0.00

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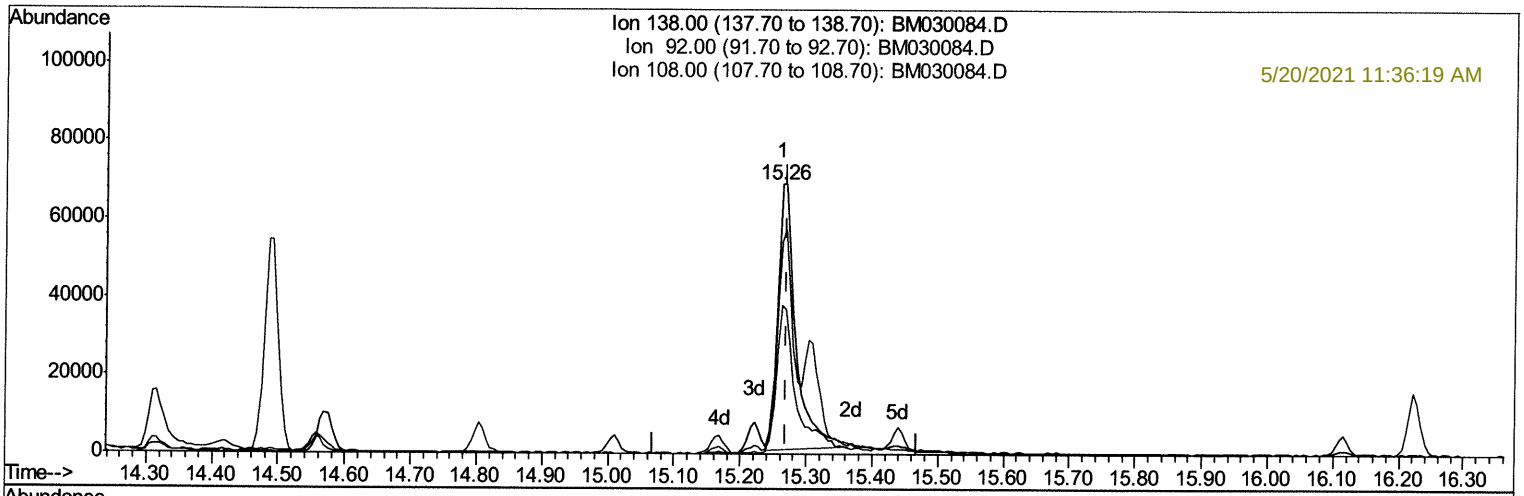

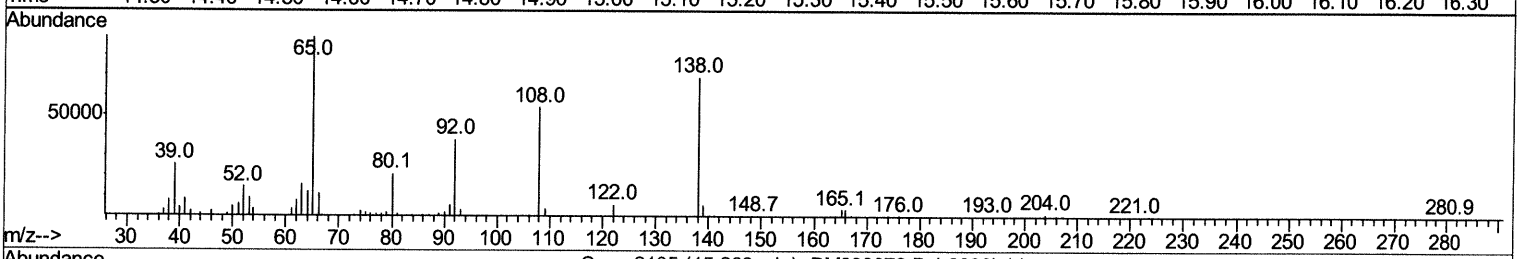

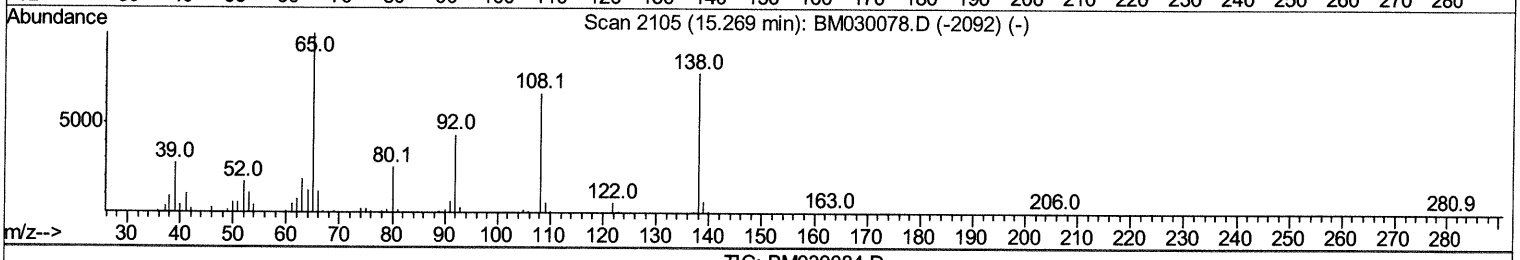

TIC: BM030084.D

(63) 4-Nitroaniline

15.262min (-0.006) 15.65ng/ul

response 131728

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	55.15
108.00	81.60	78.48
0.00	0.00	0.00

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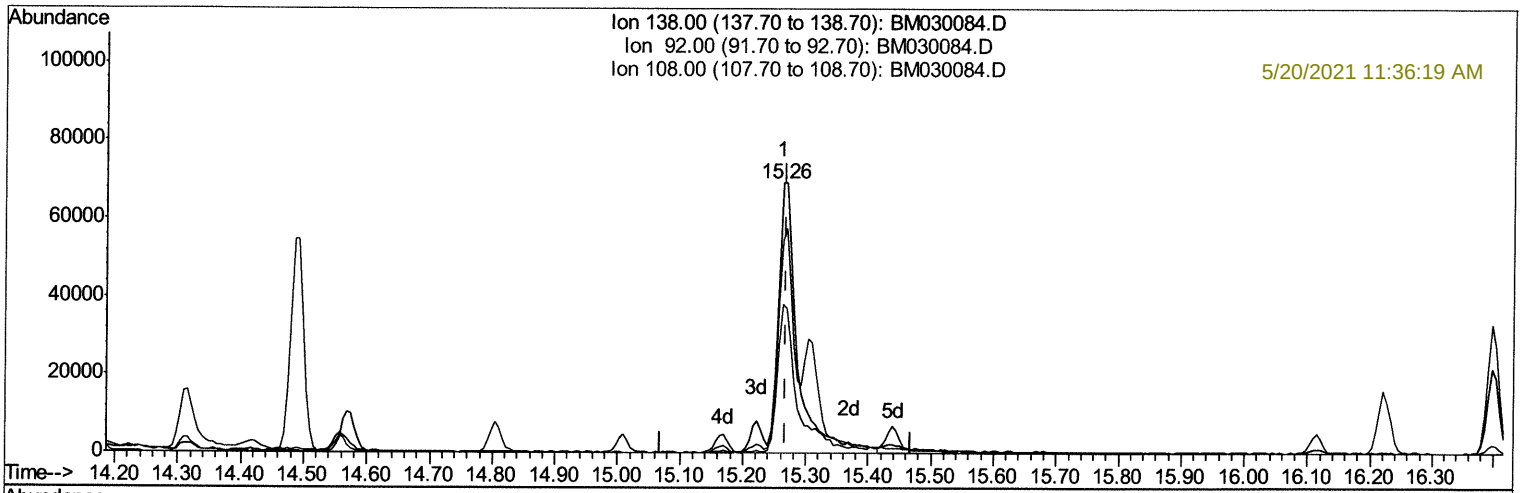

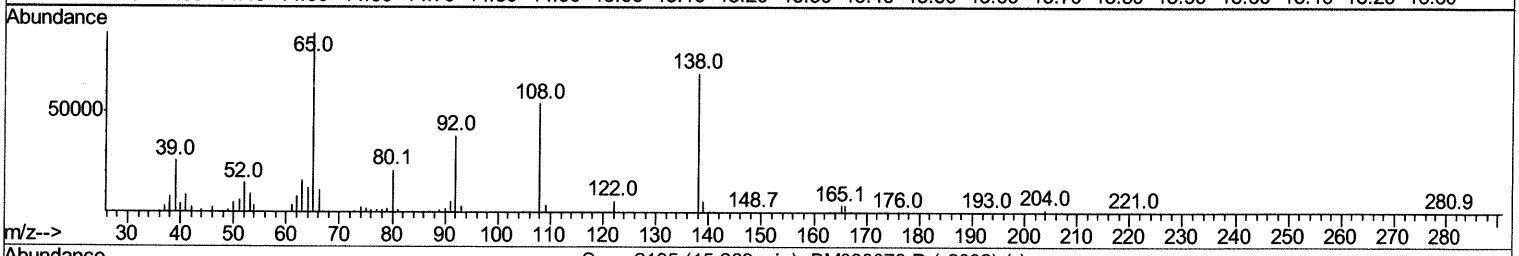

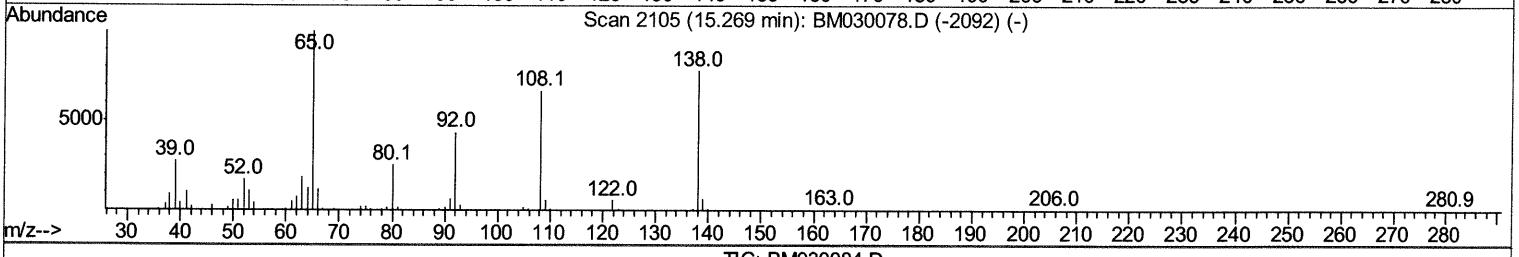

TIC: BM030084.D

(63) 4-Nitroaniline

15.262min (-0.006) 18.76ng/ul m 05/21/21 JU

response 157921

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	55.15
108.00	81.60	78.48
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	174327	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	794264	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	542653	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	1117125	20.00	ng/ul	0.00
79) Chrysene-d12	21.11	240	1160809	20.00	ng/ul	0.00
88) Perylene-d12	23.25	264	1114974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	33460	7.66	ng/uL	0.00
4) Pyridine-d5	3.45	84	185653	16.99	ng/ul	0.00
7) Phenol-d5	6.70	99	285378	17.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.87	67	185240	18.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	237187	18.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	240577	17.94	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	111658	20.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	130793	21.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	241083	19.46	ng/ul	0.00
31) 4-Chloroaniline-d4	10.44	131	329163	17.46	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	779825	18.54	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	979791	18.38	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	113570	16.58	ng/ul	0.00
60) Fluorene-d10	15.17	176	655557	18.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.31	200	138655	19.11	ng/ul	0.00
73) Anthracene-d10	17.02	188	1027126	18.26	ng/ul	0.00
81) Pyrene-d10	19.32	212	1138858	19.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	1177289	18.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	36655	7.759	ng/uL	94
5) Pyridine	3.47	79	190733	17.014	ng/ul	97
6) Benzaldehyde	6.67	77	171496	20.493	ng/ul	96
8) Phenol	6.73	94	292038	17.644	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.96	93	228864	17.488	ng/ul	98
12) 2-Chlorophenol	7.08	128	238194	18.667	ng/ul	96
13) 2-Methylphenol	7.97	108	222719	17.760	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.05	45	406681	20.630	ng/ul	97
16) Acetophenone	8.35	105	385170	17.902	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.33	70	221697	20.139	ng/ul	96
18) 4-Methylphenol	8.30	108	245396	17.652	ng/ul	98
19) Hexachloroethane	8.57	117	103343	19.169	ng/ul	98
22) Nitrobenzene	8.72	77	299524	21.001	ng/ul	96
23) Isophorone	9.24	82	586003	19.425	ng/ul	99
25) 2-Nitrophenol	9.42	139	141786	21.140	ng/ul	98
26) 2,4-Dimethylphenol	9.49	107	292749	19.344	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	339201	19.197	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	229621	18.875	ng/ul	99
30) Naphthalene	10.34	128	810989	18.395	ng/ul	99
32) 4-Chloroaniline	10.46	127	338125	17.410	ng/ul	100
33) Hexachlorobutadiene	10.62	225	151798	18.610	ng/ul	99
34) Caprolactam	11.25	113	76454m	17.708	ng/ul	

05/21/21 JU

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.60	107	261294	19.409 ng/ul	99
36) 2-Methylnaphthalene	11.96	142	593069	18.545 ng/ul	99
37) 1-Methylnaphthalene	12.19	142	582940	18.393 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	300968	17.948 ng/ul	97
40) Hexachlorocyclopentadiene	12.31	237	147452	16.928 ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	193345	18.908 ng/ul	99
42) 2,4,5-Trichlorophenol	12.67	196	202022	18.667 ng/ul	98
43) 1,1'-Biphenyl	12.99	154	752838	17.847 ng/ul	98
44) 2-Chloronaphthalene	13.03	162	592259	18.295 ng/ul	99
45) 2-Nitroaniline	13.26	65	183272	22.398 ng/ul	97
47) Dimethylphthalate	13.64	163	779494	18.508 ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	157331	20.809 ng/ul	96
50) Acenaphthylene	13.89	152	943729	18.306 ng/ul	99
51) 3-Nitroaniline	14.09	138	153550	18.078 ng/ul	98
52) Acenaphthene	14.23	153	658644	18.078 ng/ul	99
53) 2,4-Dinitrophenol	14.32	184	106493	20.702 ng/ul	96
55) 4-Nitrophenol	14.42	109	89635	17.017 ng/ul	99
56) Dibenzofuran	14.57	168	911523	18.267 ng/ul	98
57) 2,4-Dinitrotoluene	14.56	165	229816	20.541 ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	14.80	232	193070	18.735 ng/ul	98
59) Diethylphthalate	15.01	149	821620	18.704 ng/ul	100
61) Fluorene	15.22	166	769984	18.049 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.22	204	383201	18.280 ng/ul	100
63) 4-Nitroaniline	15.26	138	157921m >	18.757 ng/ul >	05/20/21 JU
66) 4,6-Dinitro-2-methylphenol	15.32	198	134211	18.794 ng/ul#	98
67) N-Nitrosodiphenylamine	15.44	169	662830	18.265 ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	230391	18.528 ng/ul	98
69) Hexachlorobenzene	16.23	284	269359	18.241 ng/ul	99
70) Atrazine	16.40	200	239159	17.862 ng/ul	99
71) Pentachlorophenol	16.57	266	146848	17.356 ng/ul	98
72) Phenanthrene	16.96	178	1194982	18.141 ng/ul	100
74) Anthracene	17.05	178	1227070	18.221 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.96	216	327161	18.514 ng/uL	98
76) Pentachlorobenzene	14.49	250	306440	18.184 ng/uL	99
77) Carbazole	17.33	167	1068019	17.309 ng/ul	99
78) Di-n-butylphthalate	17.89	149	1432364	19.558 ng/ul	100
80) Fluoranthene	18.98	202	1383542	19.090 ng/ul	99
82) Pyrene	19.34	202	1451023	19.025 ng/ul	99
83) Butylbenzylphthalate	20.26	149	645033	23.798 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.03	252	514594	19.486 ng/ul	99
85) Benzo(a)anthracene	21.09	228	1431180	18.897 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.03	149	1036723	22.184 ng/ul	99
87) Chrysene	21.14	228	1398001	18.533 ng/ul	99
89) Di-n-octyl phthalate	21.89	149	1727449	20.246 ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	1385329	19.155 ng/ul	100
91) Benzo(k)fluoranthene	22.66	252	1448444	19.050 ng/ul	99
93) Benzo(a)pyrene	23.16	252	1224352	18.640 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.39	276	1416774	17.821 ng/ul	99
95) Dibenzo(a,h)anthracene	25.39	278	1197742	17.773 ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	1109364	17.223 ng/ul	98

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

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