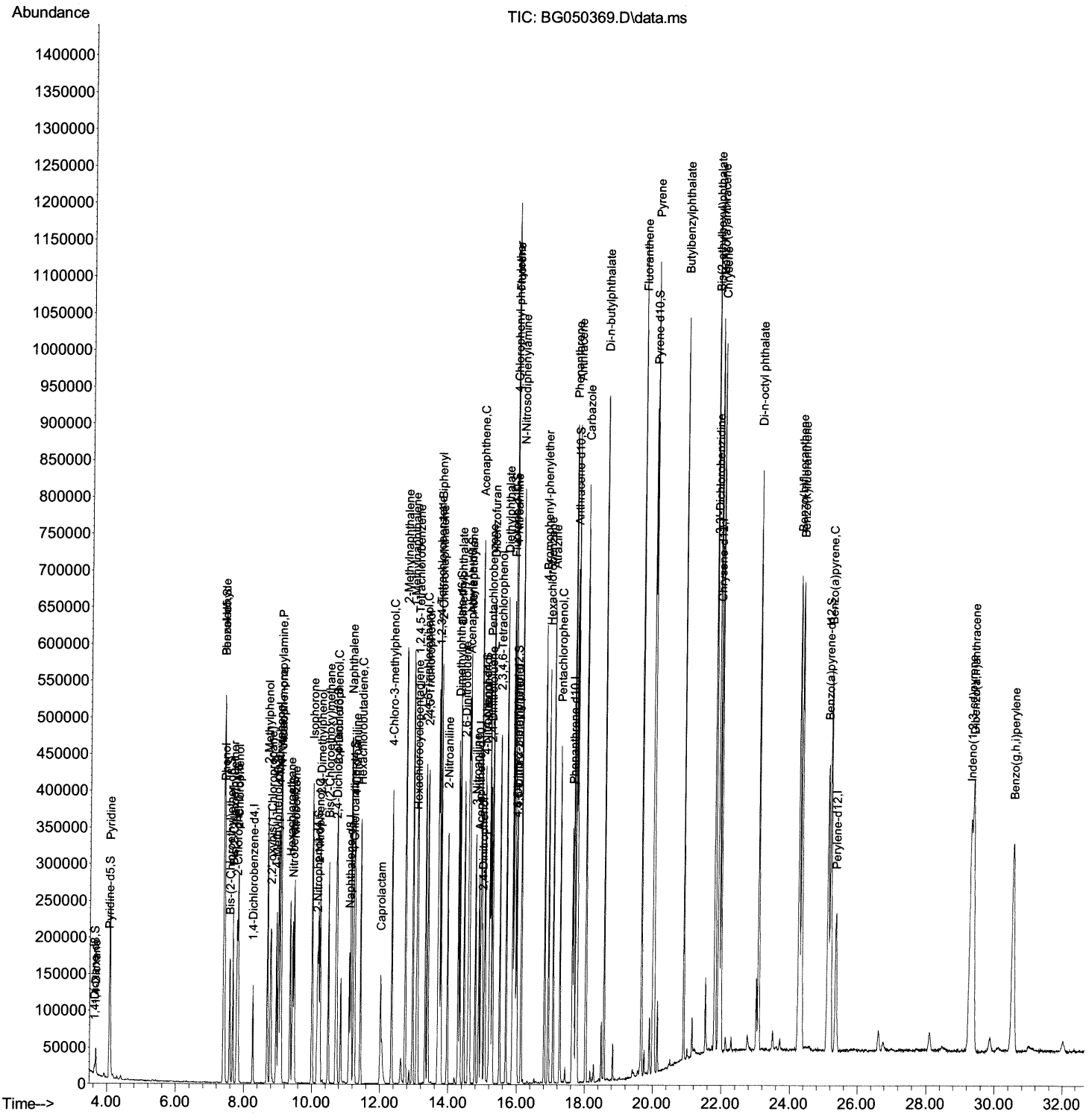
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050369.D
Acq On : 1 Oct 2021 23:54
Operator : CG/JU
Sample : M3874-03MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Oct 02 01:19:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Manual Integrations APPROVED
mohammad
10/4/2021 11:50:31 AM



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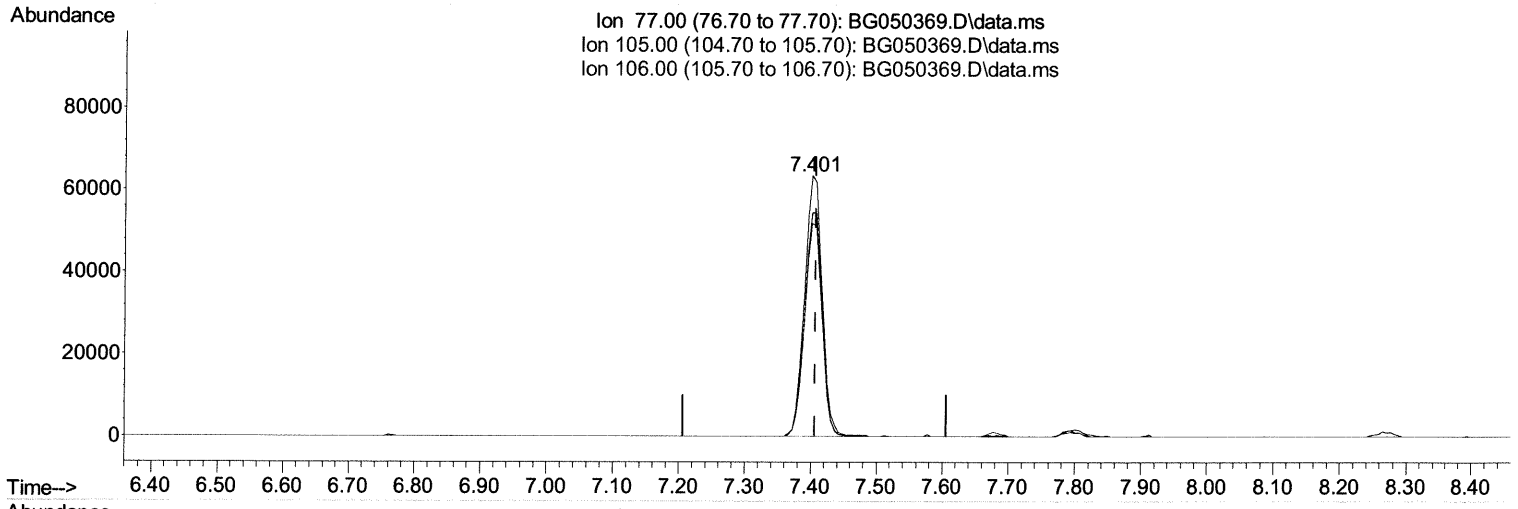

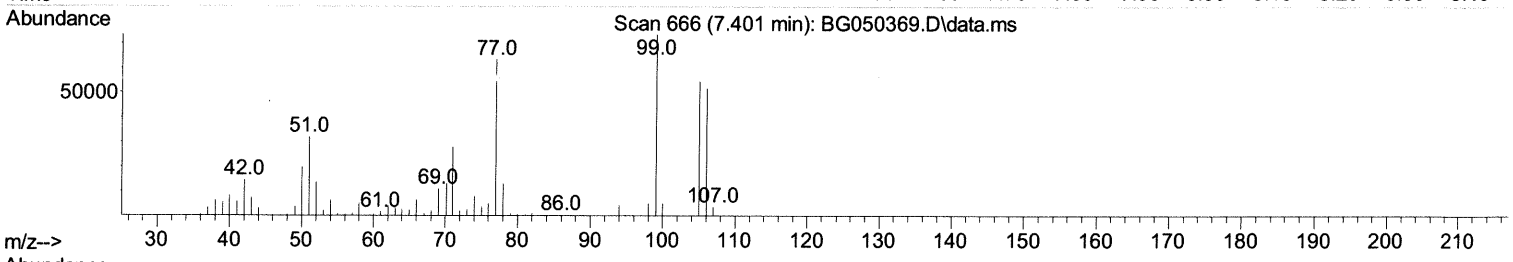

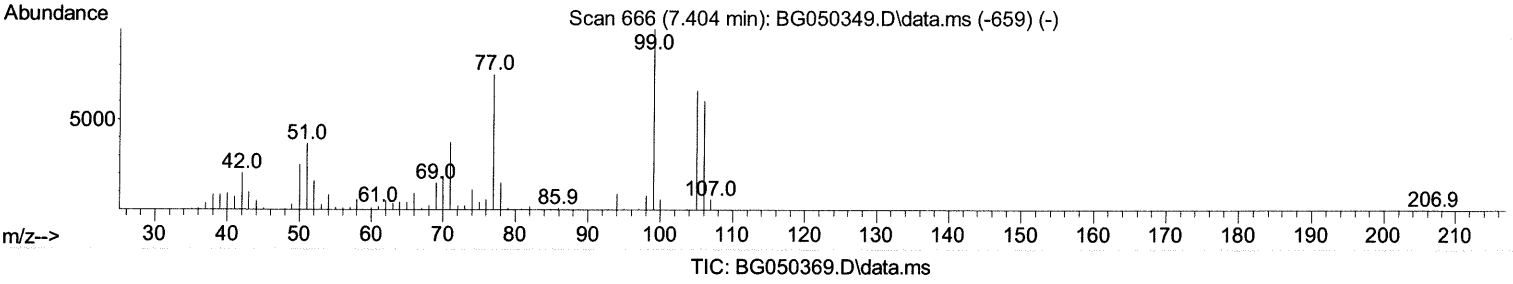

TIC: BG050369.D\data.ms

(6) Benzaldehyde

7.401min (-0.006) 57.63 ng/ul

response 117062

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	80.30	85.80
106.00	77.60	81.70
0.00	0.00	0.00

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mohammad
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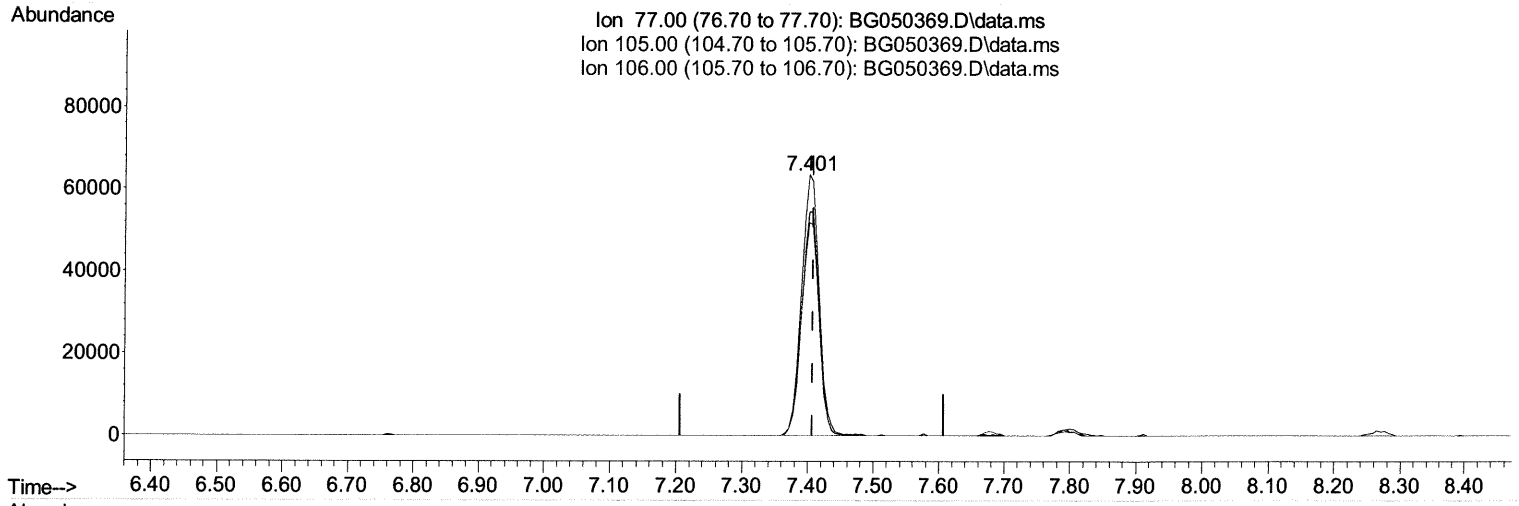

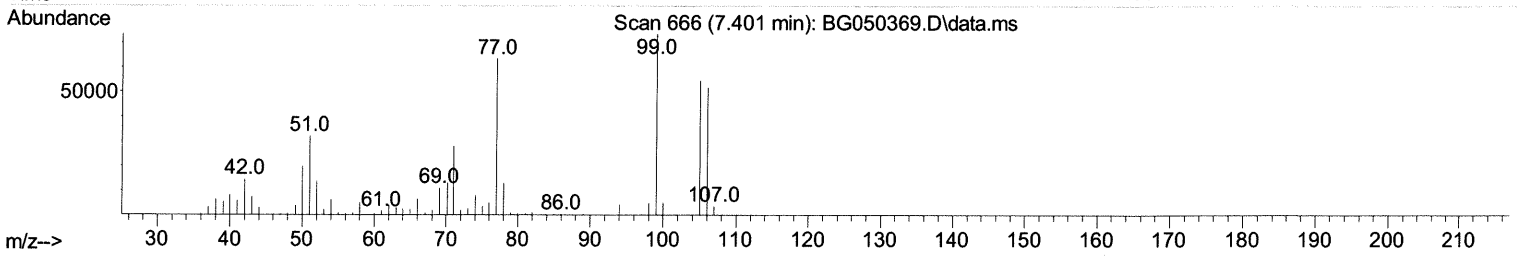

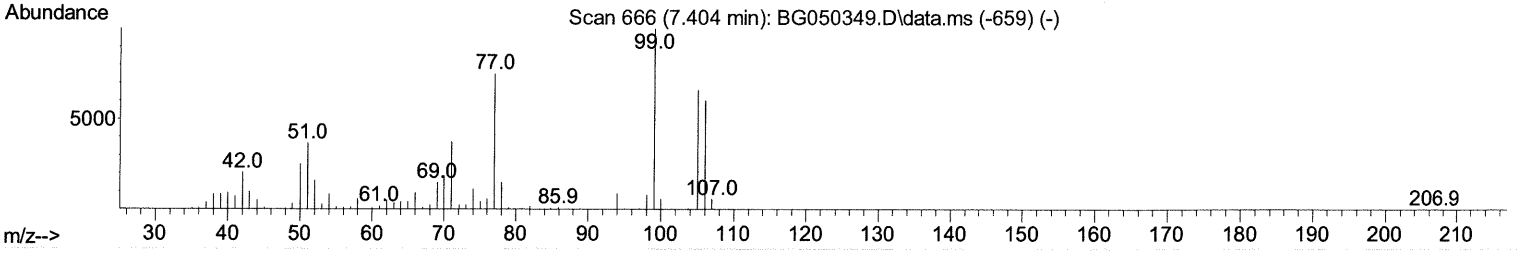

TIC: BG050369.D\data.ms

(6) Benzaldehyde

7.401min (-0.006) 57.66 ng/ul m 10/05/21 JU

response 117129

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	80.30	85.80
106.00	77.60	81.70
0.00	0.00	0.00

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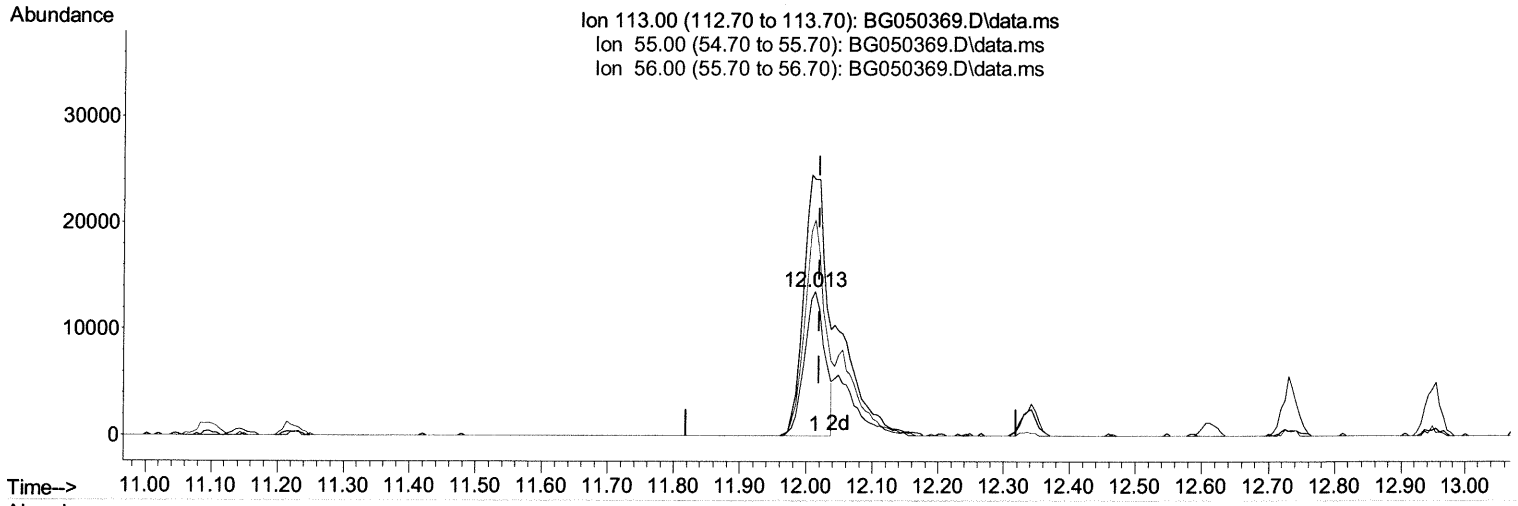

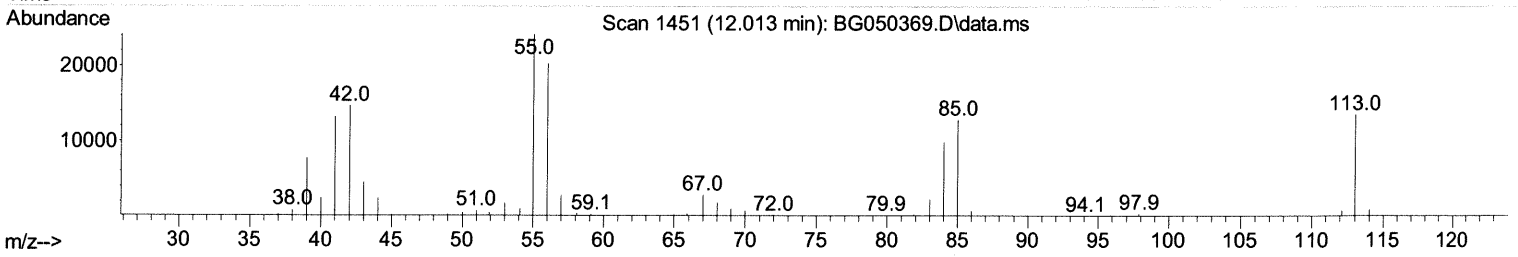

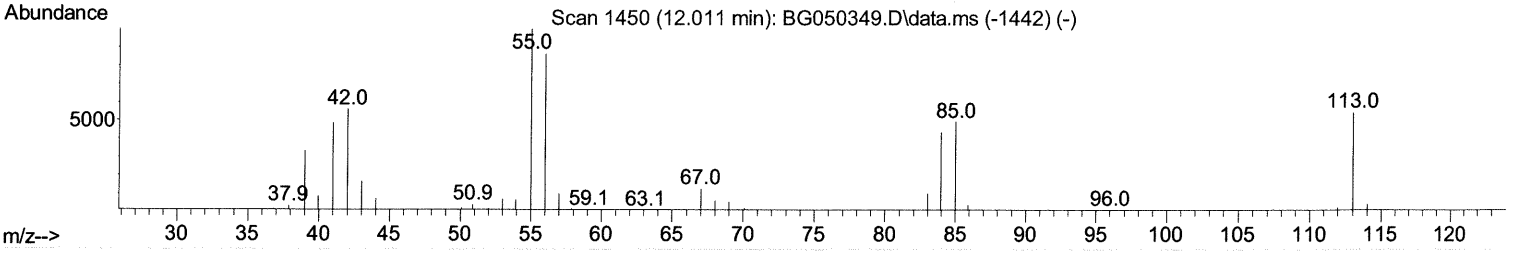

TIC: BG050369.D\data.ms

(34) Caprolactam

12.013min (-0.006) 34.53 ng/ul

response 28893

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	178.09
56.00	132.30	149.75
0.00	0.00	0.00

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Misc :
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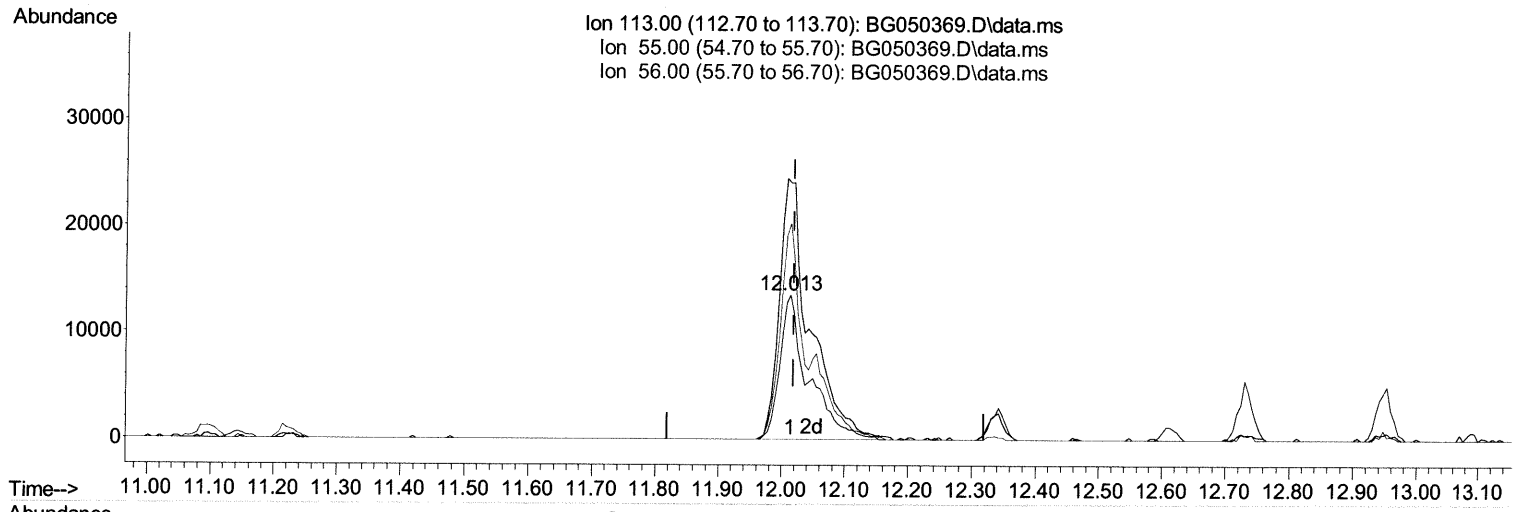
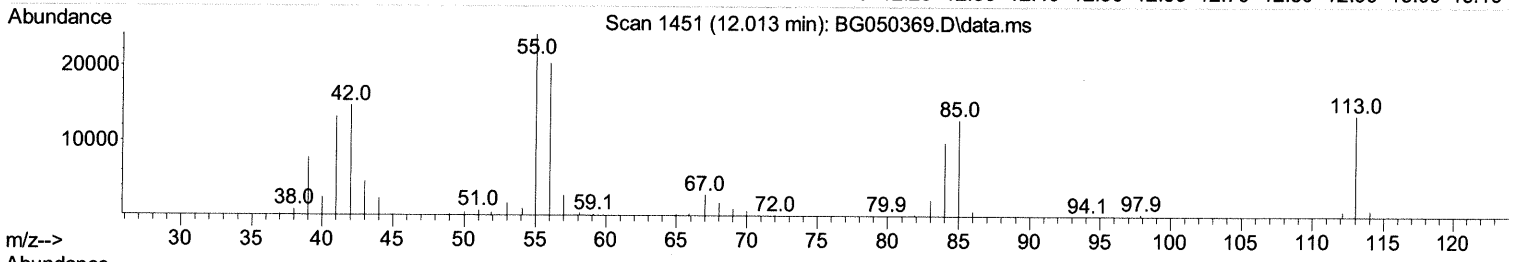
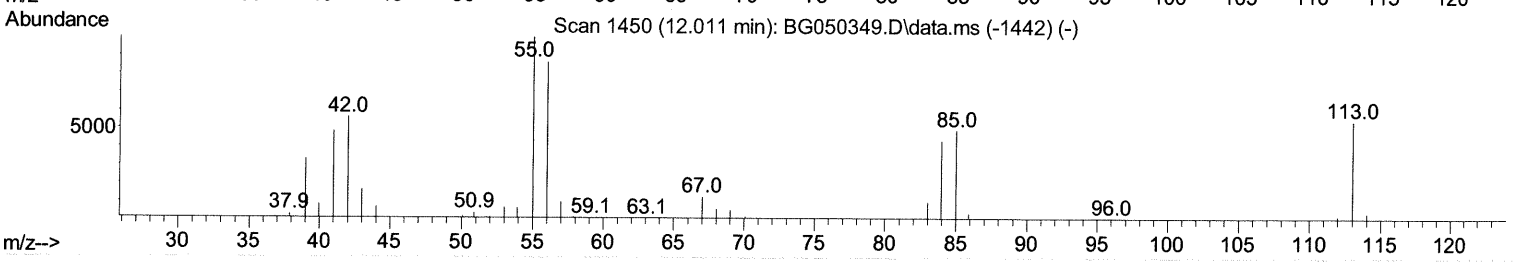
Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Manual Integrations APPROVED
mohammad
10/4/2021 11:50:31 AM







TIC: BG050369.D\data.ms

(34) Caprolactam

12.013min (-0.006) 51.10 ng/ul m 10/05/21 JU

response 42756

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	178.09
56.00	132.30	149.75
0.00	0.00	0.00

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Instrument : BNA_G
ClientSampleId : EW7S7MSD

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	35254	20.000	ng/ul	0.00
20) Naphthalene-d8	11.096	136	147542	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	97095	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	215471	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	197353	20.000	ng/ul	-0.02
88) Perylene-d12	25.362	264	200621	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	7316	7.624	ng/uL	0.00
4) Pyridine-d5	4.064	84	60015	20.989	ng/ul	0.00
7) Phenol-d5	7.401	99	129694	42.107	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	87711	45.247	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	93391	43.273	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	90133	38.661	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	51124	49.532	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	51991	46.934	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.703	165	96269	44.010	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	117777	37.690	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	289532	43.572	ng/ul	-0.01
49) Acenaphthylene-d8	14.586	160	369122	44.233	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	51286	40.072	ng/ul	0.00
60) Fluorene-d10	15.873	176	266009	44.432	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	45463	42.302	ng/ul	0.00
73) Anthracene-d10	17.730	188	397173	43.632	ng/ul	0.00
81) Pyrene-d10	20.004	212	486341	46.345	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.121	264	430861	42.711	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.670	88	23269	20.043	ng/uL	96
5) Pyridine	4.081	79	149630	51.662	ng/ul	92
6) Benzaldehyde	7.401	77	117129m	57.660	ng/ul	10/05/21 JU
8) Phenol	7.430	94	175457	55.576	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.677	93	128777	54.381	ng/ul	99
12) 2-Chlorophenol	7.830	128	120471	54.560	ng/ul#	94
13) 2-Methylphenol	8.693	108	125797	54.069	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.793	45	202714	57.055	ng/ul	99
16) Acetophenone	9.099	105	199612	53.888	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.075	70	119490	53.677	ng/ul#	95
18) 4-Methylphenol	9.022	108	135537	55.007	ng/ul	97
19) Hexachloroethane	9.363	117	51318	54.077	ng/ul	98
22) Nitrobenzene	9.487	77	176199	56.960	ng/ul	100
23) Isophorone	10.010	82	316718	53.276	ng/ul	100
25) 2-Nitrophenol	10.198	139	68469	60.139	ng/ul	95
26) 2,4-Dimethylphenol	10.239	107	120506	42.640	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.485	93	175961	54.824	ng/ul	98
29) 2,4-Dichlorophenol	10.726	162	118523	54.729	ng/ul	98
30) Naphthalene	11.149	128	395744	52.244	ng/ul	100
32) 4-Chloroaniline	11.249	127	155544	49.441	ng/ul	98
33) Hexachlorobutadiene	11.426	225	79371	50.433	ng/ul	98
34) Caprolactam	12.013	113	42756m	51.102	ng/ul	10/03/21 JU
35) 4-Chloro-3-methylphenol	12.336	107	141046	55.242	ng/ul	98

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Manual Integrations APPROVED
mohammad
10/4/2021 11:50:31 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.730	142	278668	54.111	ng/ul	100
37) 1-Methylnaphthalene	12.947	142	265706	51.250	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.088	216	153224	54.683	ng/ul	96
40) Hexachlorocyclopentadiene	13.065	237	80723	43.441	ng/ul	91
41) 2,4,6-Trichlorophenol	13.323	196	102563	58.074	ng/ul	98
42) 2,4,5-Trichlorophenol	13.394	196	111089	57.502	ng/ul	99
43) 1,1'-Biphenyl	13.723	154	350601	53.657	ng/ul	98
44) 2-Chloronaphthalene	13.770	162	273648	53.457	ng/ul	98
45) 2-Nitroaniline	13.964	65	104107	62.119	ng/ul	93
47) Dimethylphthalate	14.328	163	354632	53.042	ng/ul	99
48) 2,6-Dinitrotoluene	14.451	165	73879	58.744	ng/ul	98
50) Acenaphthylene	14.616	152	416187	49.167	ng/ul	98
51) 3-Nitroaniline	14.786	138	77337	56.532	ng/ul	98
52) Acenaphthene	14.951	153	303634	54.273	ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	44569	56.855	ng/ul	89
55) 4-Nitrophenol	15.068	109	69779	55.137	ng/ul	96
56) Dibenzofuran	15.286	168	427575	52.549	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	105494	57.767	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.497	232	91508	55.082	ng/ul	91
59) Diethylphthalate	15.685	149	369056	52.902	ng/ul	98
61) Fluorene	15.932	166	337515	52.139	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.914	204	180806	51.574	ng/ul	93
63) 4-Nitroaniline	15.944	138	77425	56.044	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.997	198	61918	58.284	ng/ul	93
67) N-Nitrosodiphenylamine	16.126	169	297350	54.580	ng/ul	98
68) 4-Bromophenyl-phenylether	16.813	248	109437	54.553	ng/ul	94
69) Hexachlorobenzene	16.931	284	114497	54.201	ng/ul	98
70) Atrazine	17.072	200	123534	53.256	ng/ul	96
71) Pentachlorophenol	17.272	266	77227	55.823	ng/ul	97
72) Phenanthrene	17.677	178	574375	53.403	ng/ul	99
74) Anthracene	17.765	178	551995	51.821	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.693	216	163726	57.635	ng/uL	99
76) Pentachlorobenzene	15.198	250	140317	54.068	ng/uL	98
77) Carbazole	18.030	167	523589	54.916	ng/ul	99
78) Di-n-butylphthalate	18.570	149	627041	55.499	ng/ul	99
80) Fluoranthene	19.669	202	707206	53.664	ng/ul	99
82) Pyrene	20.033	202	688166	52.955	ng/ul	99
83) Butylbenzylphthalate	20.903	149	283939	59.277	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.819	252	211201	51.922	ng/ul	98
85) Benzo(a)anthracene	21.913	228	650180	54.648	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	420114	61.035	ng/ul	99
87) Chrysene	21.984	228	615498	53.983	ng/ul	100
89) Di-n-octyl phthalate	23.082	149	697302	60.488	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	673767	55.137	ng/ul	99
91) Benzo(k)fluoranthene	24.340	252	637320	56.049	ng/ul	99
93) Benzo(a)pyrene	25.198	252	585536	50.220	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.287	276	715416	54.652	ng/ul	96
95) Dibenzo(a,h)anthracene	29.363	278	596892	53.581	ng/ul	98
96) Benzo(g,h,i)perylene	30.527	276	590132	53.478	ng/ul	98

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