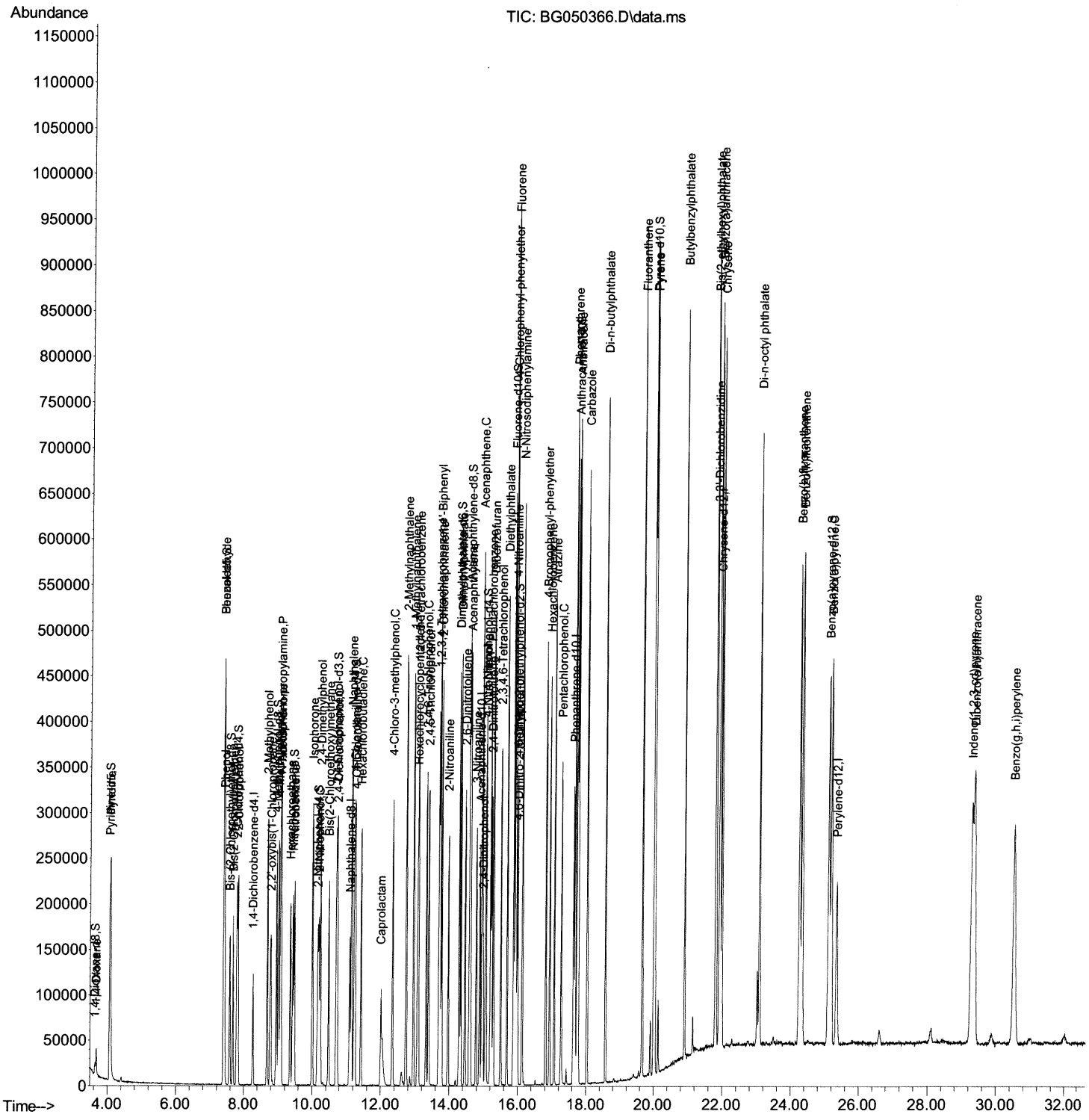
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050366.D
Acq On : 1 Oct 2021 21:50
Operator : CG/JU
Sample : PB139404BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Oct 02 00:02:29 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 :
SLCS404

Manual Integrations APPROVED
mohammad
10/4/2021 11:50:23 AM



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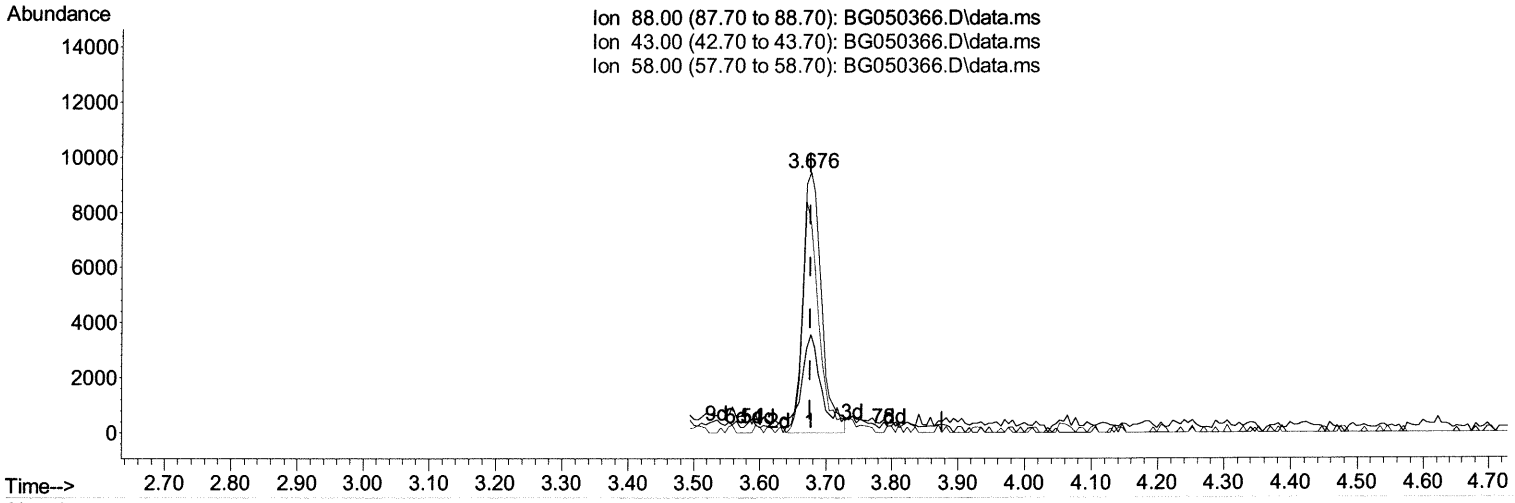

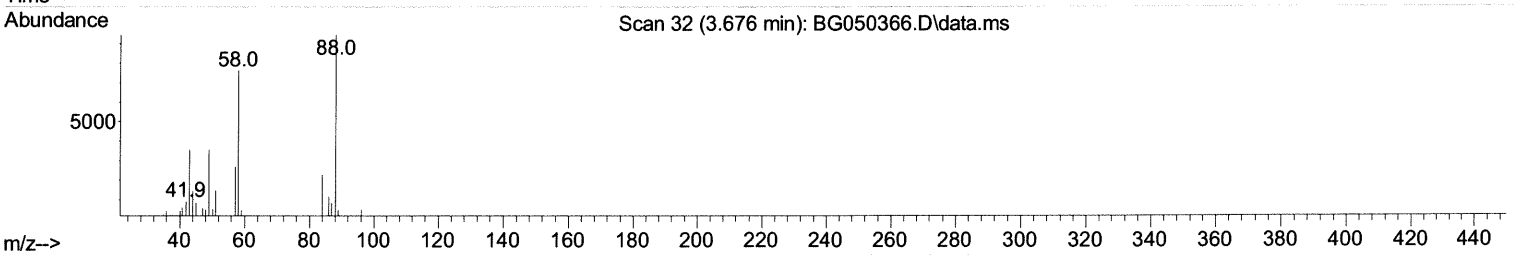

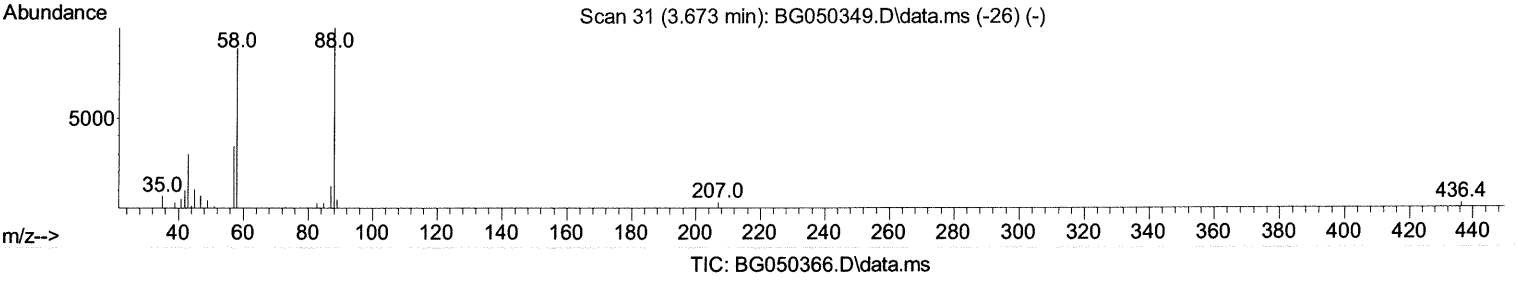

TIC: BG050366.D\data.ms

(2) 1,4-Dioxane

3.676min (+ 0.000) 17.89 ng/uL

response 18731

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	37.69#
58.00	67.10	80.65#
0.00	0.00	0.00

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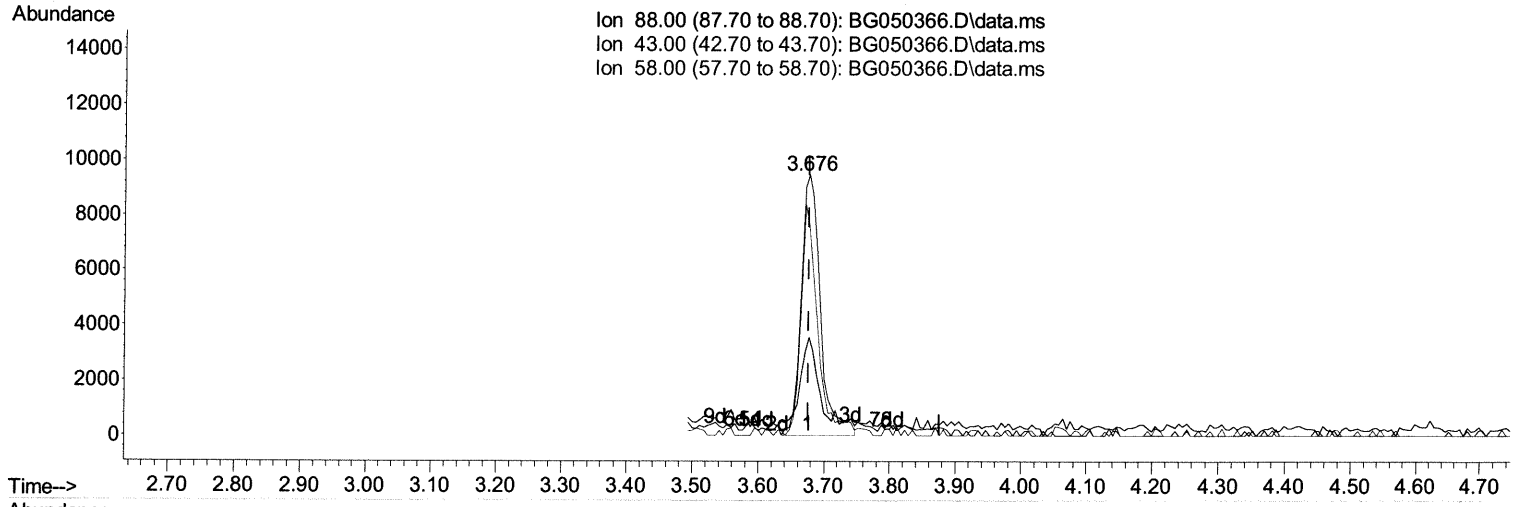

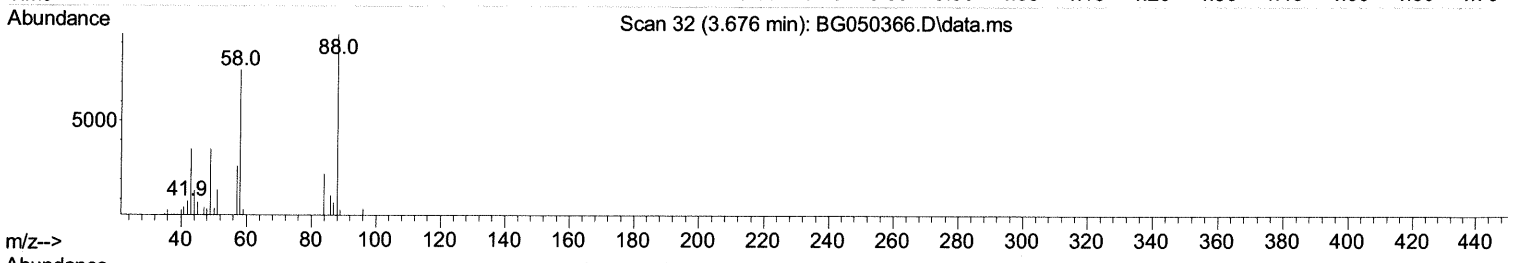

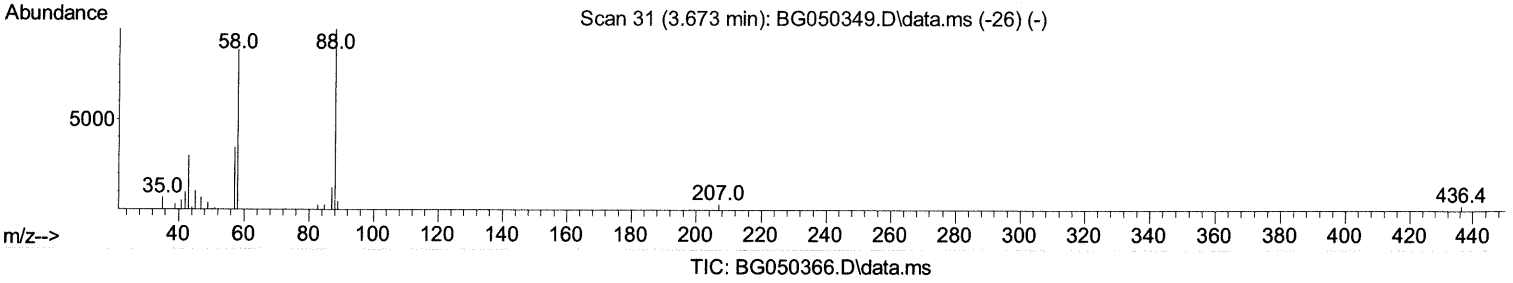

TIC: BG050366.D\data.ms

(2) 1,4-Dioxane

3.676min (+ 0.000) 18.37 ng/uL m 10/05/21 JU

response 19238

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	37.69#
58.00	67.10	80.65#
0.00	0.00	0.00

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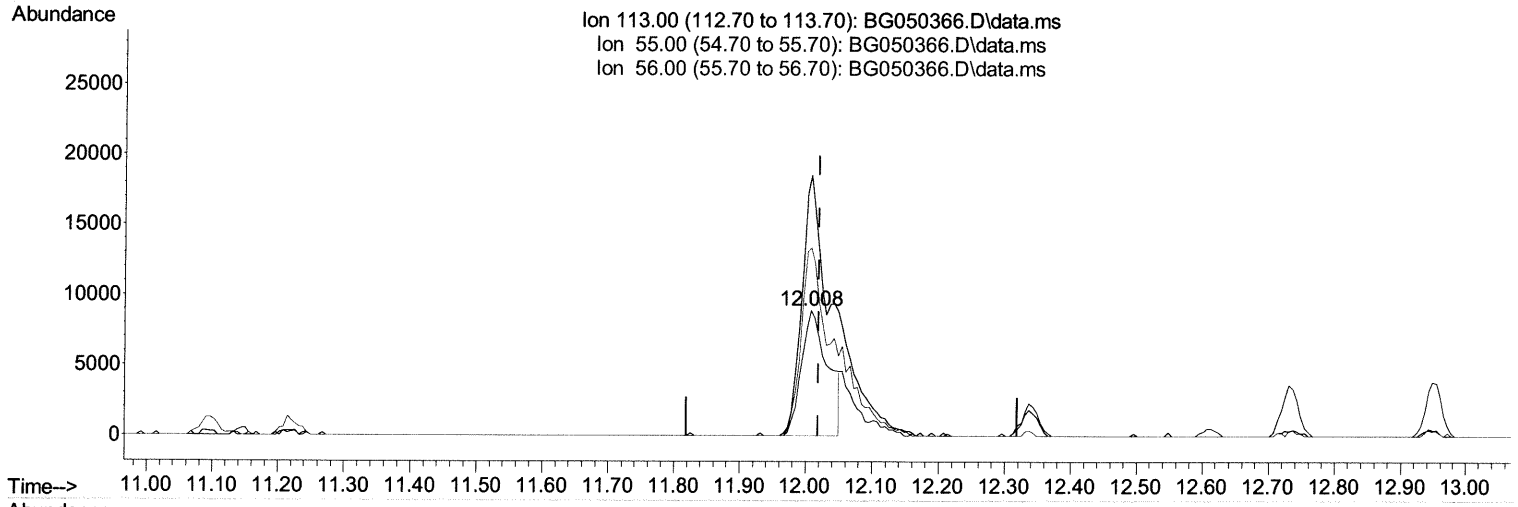

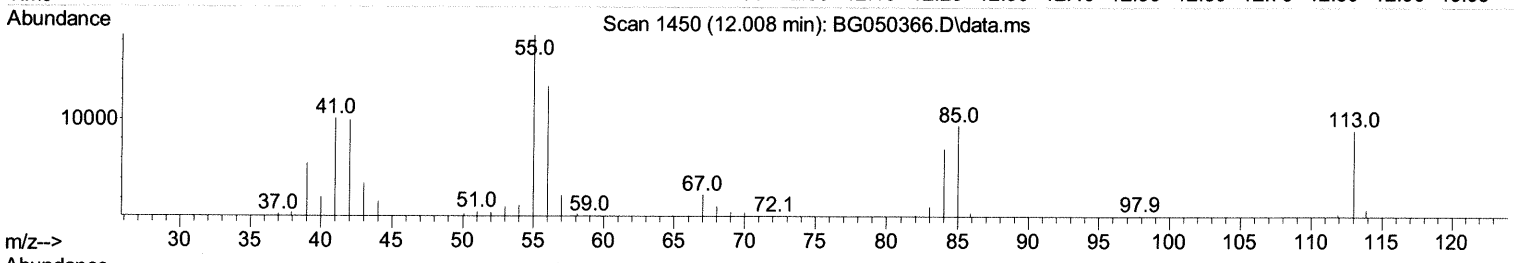

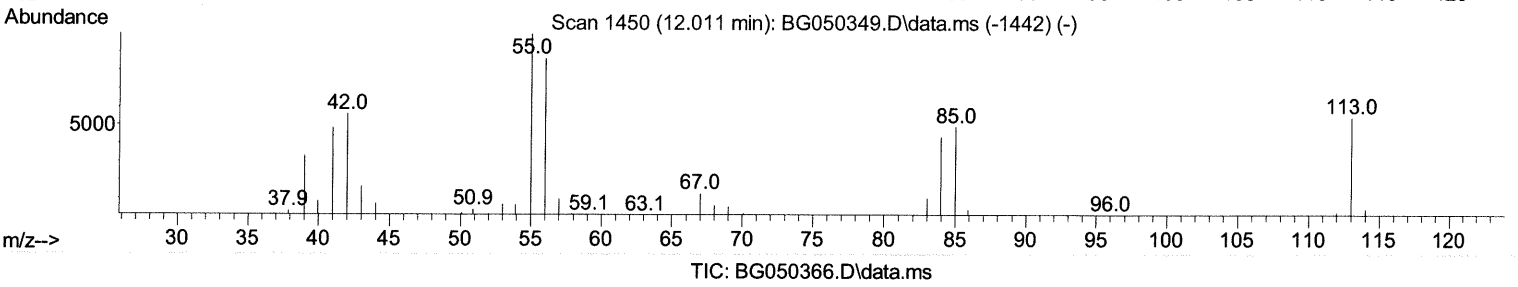

TIC: BG050366.D\data.ms

(34) Caprolactam

12.008min (-0.011) 32.64 ng/ul

response 24588

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	208.03
56.00	132.30	149.80
0.00	0.00	0.00

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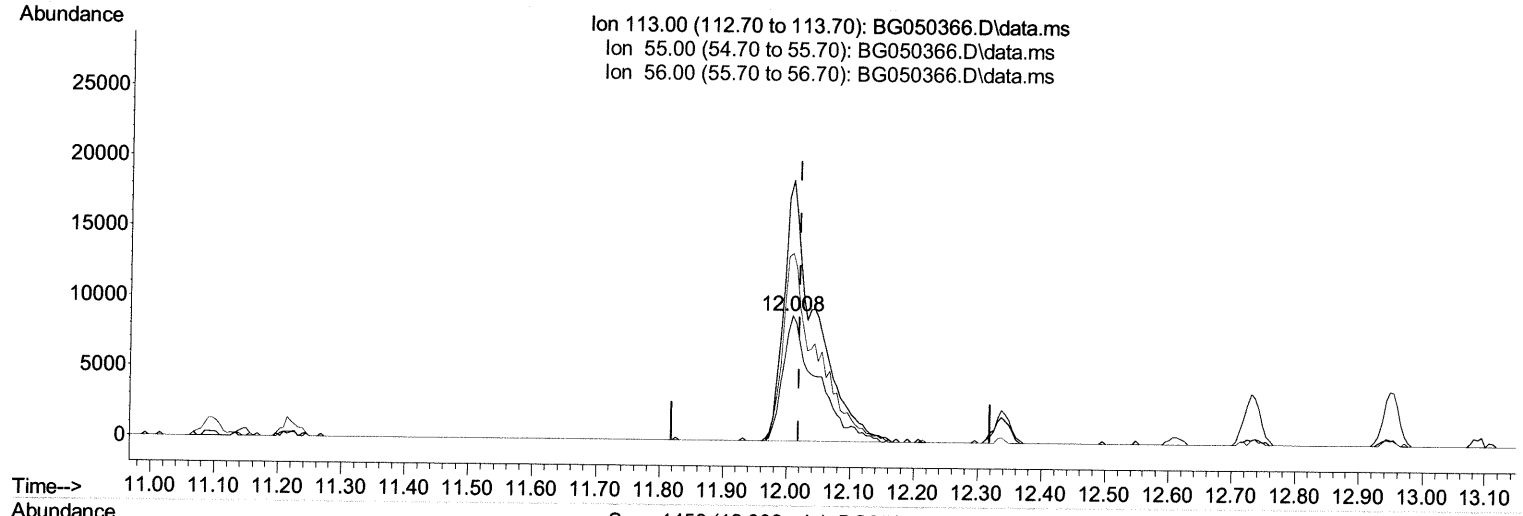

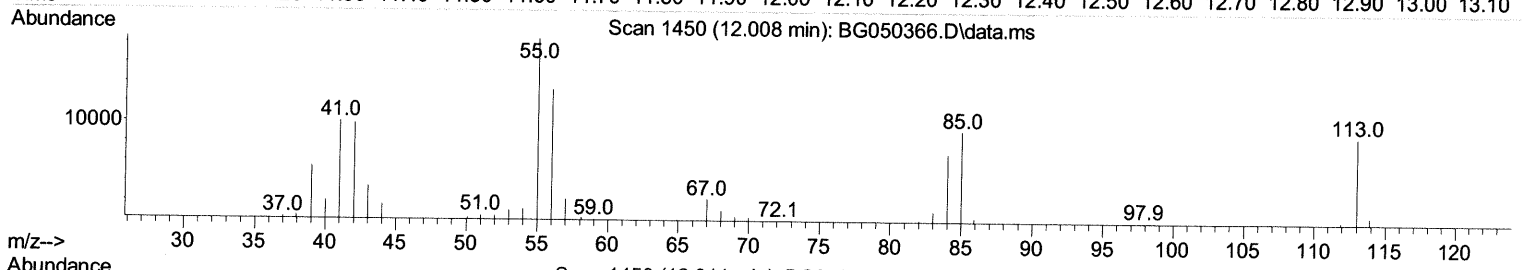

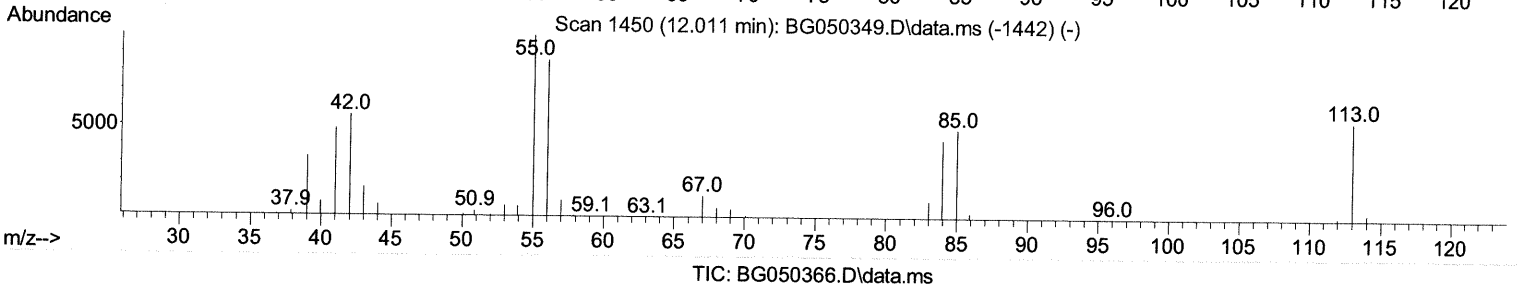

TIC: BG050366.D\data.ms

(34) Caprolactam

12.008min (-0.011) 43.68 ng/ul m 10/05/21 JU

response 32899

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	208.03
56.00	132.30	149.80
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	8.271	152	31795	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	132830	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	88071	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	197546	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	190711	20.000	ng/ul	-0.02
88) Perylene-d12	25.357	264	187387	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	7966	9.205	ng/uL	0.00
4) Pyridine-d5	4.064	84	113781	44.122	ng/ul	0.00
7) Phenol-d5	7.401	99	132168	47.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.589	67	86743	49.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	92844	47.700	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	99507	47.325	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	48038	51.697	ng/ul	0.00
24) 2-Nitrophenol-d4	10.163	143	50728	50.866	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.703	165	92746	47.096	ng/ul	0.00
31) 4-Chloroaniline-d4	11.226	131	125380	44.567	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	289499	48.031	ng/ul	-0.01
49) Acenaphthylene-d8	14.587	160	357235	47.195	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	55465	47.778	ng/ul	0.00
60) Fluorene-d10	15.874	176	258206	47.548	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	49199	49.933	ng/ul	0.00
73) Anthracene-d10	17.730	188	397646	47.648	ng/ul	0.00
81) Pyrene-d10	20.004	212	493978	48.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.116	264	443070	47.023	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	19238m	> 18.374	ng/uL	> 10/05/21 JU
5) Pyridine	4.082	79	116728	44.686	ng/ul	97
6) Benzaldehyde	7.401	77	90450	49.371	ng/ul	95
8) Phenol	7.431	94	134902	47.379	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.677	93	101846	47.687	ng/ul	97
12) 2-Chlorophenol	7.830	128	92003	46.200	ng/ul	90
13) 2-Methylphenol	8.694	108	97069	46.260	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.794	45	159002	49.621	ng/ul	97
16) Acetophenone	9.099	105	152967	45.788	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.076	70	93406	46.524	ng/ul	95
18) 4-Methylphenol	9.023	108	103728	46.677	ng/ul	96
19) Hexachloroethane	9.364	117	39283	45.899	ng/ul	99
22) Nitrobenzene	9.481	77	136544	49.030	ng/ul	98
23) Isophorone	10.010	82	240313	44.901	ng/ul	98
25) 2-Nitrophenol	10.198	139	51700	50.439	ng/ul	96
26) 2,4-Dimethylphenol	10.239	107	109973	43.223	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.486	93	132808	45.961	ng/ul	97
29) 2,4-Dichlorophenol	10.733	162	91359	46.858	ng/ul	99
30) Naphthalene	11.150	128	311492	45.676	ng/ul	100
32) 4-Chloroaniline	11.250	127	124317	43.892	ng/ul	99
33) Hexachlorobutadiene	11.420	225	62733	44.276	ng/ul	98
34) Caprolactam	12.008	113	32899m	> 43.676	ng/ul	> 10/05/21 JU
35) 4-Chloro-3-methylphenol	12.337	107	108216	47.078	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.730	142	216657	46.729	ng/ul	97
37) 1-Methylnaphthalene	12.948	142	204817	43.881	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.089	216	119142	46.877	ng/ul	97
40) Hexachlorocyclopentadiene	13.071	237	63782	37.841	ng/ul	93
41) 2,4,6-Trichlorophenol	13.324	196	77674	48.487	ng/ul	96
42) 2,4,5-Trichlorophenol	13.394	196	82472	47.063	ng/ul	98
43) 1,1'-Biphenyl	13.723	154	273552	46.154	ng/ul	99
44) 2-Chloronaphthalene	13.770	162	214493	46.194	ng/ul	96
45) 2-Nitroaniline	13.964	65	81907	53.880	ng/ul	92
47) Dimethylphthalate	14.328	163	281305	46.386	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	57049	50.010	ng/ul	98
50) Acenaphthylene	14.616	152	325065	42.337	ng/ul	99
51) 3-Nitroaniline	14.781	138	61055	49.203	ng/ul	91
52) Acenaphthene	14.951	153	240804	47.453	ng/ul	97
53) 2,4-Dinitrophenol	14.981	184	31834	44.771	ng/ul	93
55) 4-Nitrophenol	15.069	109	55411	48.270	ng/ul	91
56) Dibenzofuran	15.286	168	337310	45.703	ng/ul	98
57) 2,4-Dinitrotoluene	15.233	165	82816	49.995	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.498	232	72783	48.299	ng/ul	95
59) Diethylphthalate	15.686	149	296181	46.806	ng/ul	98
61) Fluorene	15.932	166	264905	45.115	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.915	204	142707	44.877	ng/ul	95
63) 4-Nitroaniline	15.944	138	59886	47.790	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.997	198	47038	48.295	ng/ul#	93
67) N-Nitrosodiphenylamine	16.126	169	239131	47.876	ng/ul	99
68) 4-Bromophenyl-phenylether	16.814	248	88326	48.024	ng/ul	95
69) Hexachlorobenzene	16.931	284	92194	47.603	ng/ul	98
70) Atrazine	17.072	200	99543	46.807	ng/ul	95
71) Pentachlorophenol	17.266	266	59488	46.902	ng/ul	97
72) Phenanthrene	17.671	178	466450	47.303	ng/ul	99
74) Anthracene	17.765	178	455136	46.605	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	126731	48.660	ng/uL	100
76) Pentachlorobenzene	15.198	250	109425	45.990	ng/uL	97
77) Carbazole	18.030	167	430078	49.201	ng/ul	99
78) Di-n-butylphthalate	18.570	149	512895	49.515	ng/ul	99
80) Fluoranthene	19.669	202	580995	45.622	ng/ul	99
82) Pyrene	20.033	202	571063	45.474	ng/ul	99
83) Butylbenzylphthalate	20.903	149	223554	48.296	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.820	252	184581	46.958	ng/ul	99
85) Benzo(a)anthracene	21.914	228	531033	46.188	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.796	149	328043	49.319	ng/ul	99
87) Chrysene	21.984	228	505242	45.856	ng/ul	100
89) Di-n-octyl phthalate	23.083	149	566338	52.597	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	553379	48.484	ng/ul	99
91) Benzo(k)fluoranthene	24.334	252	518291	48.800	ng/ul	98
93) Benzo(a)pyrene	25.192	252	478080	43.900	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.287	276	587984	48.089	ng/ul	99
95) Dibenzo(a,h)anthracene	29.358	278	492278	47.311	ng/ul	98
96) Benzo(g,h,i)perylene	30.515	276	488654	47.410	ng/ul	97

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