

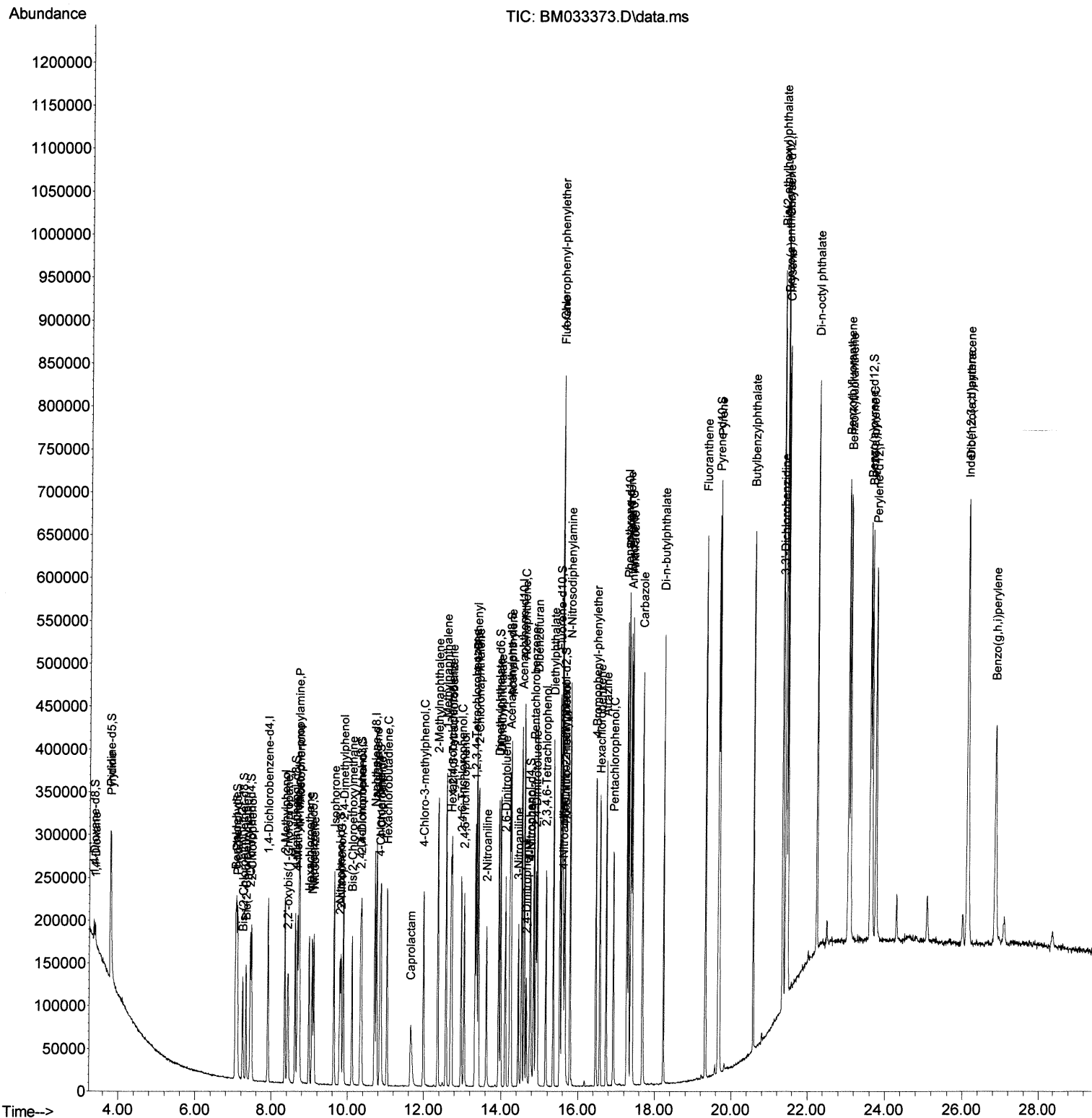
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033373.D
 Acq On : 10 Dec 2021 01:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 10 03:59:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 13:25:37 2021
 Response via : Initial Calibration



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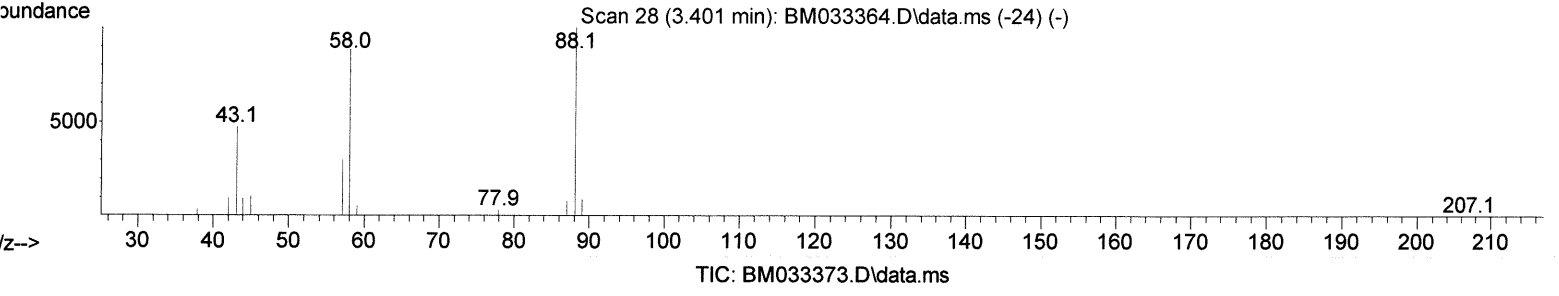
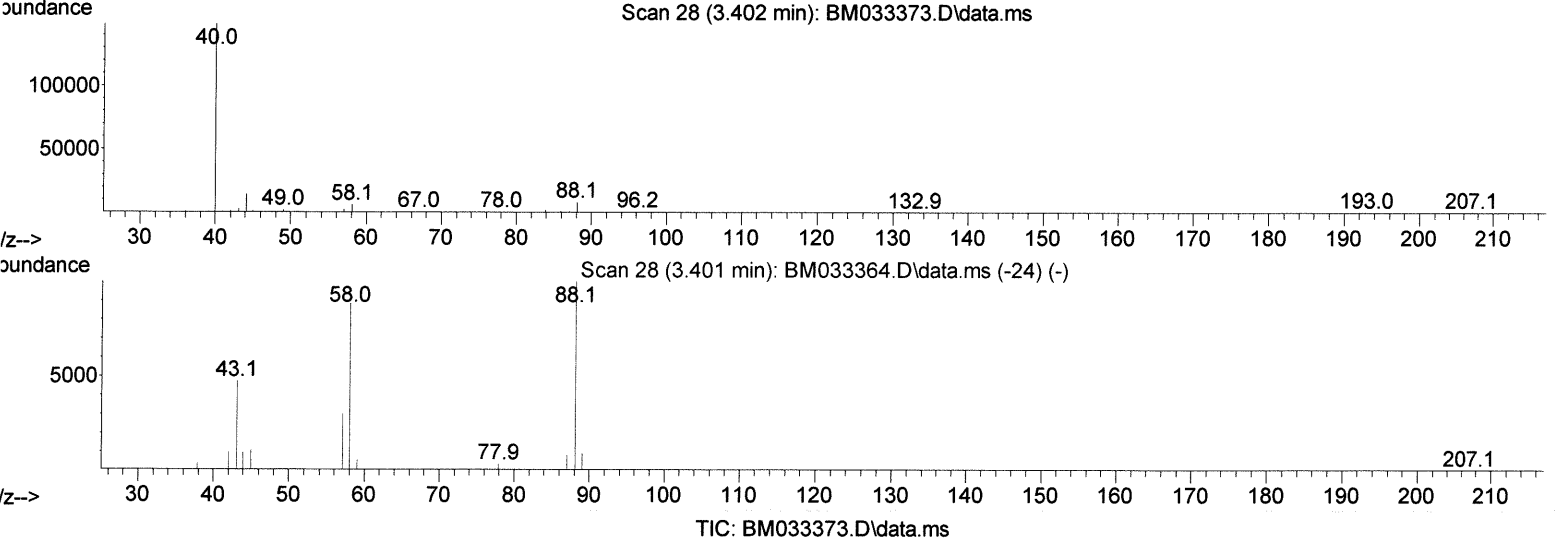
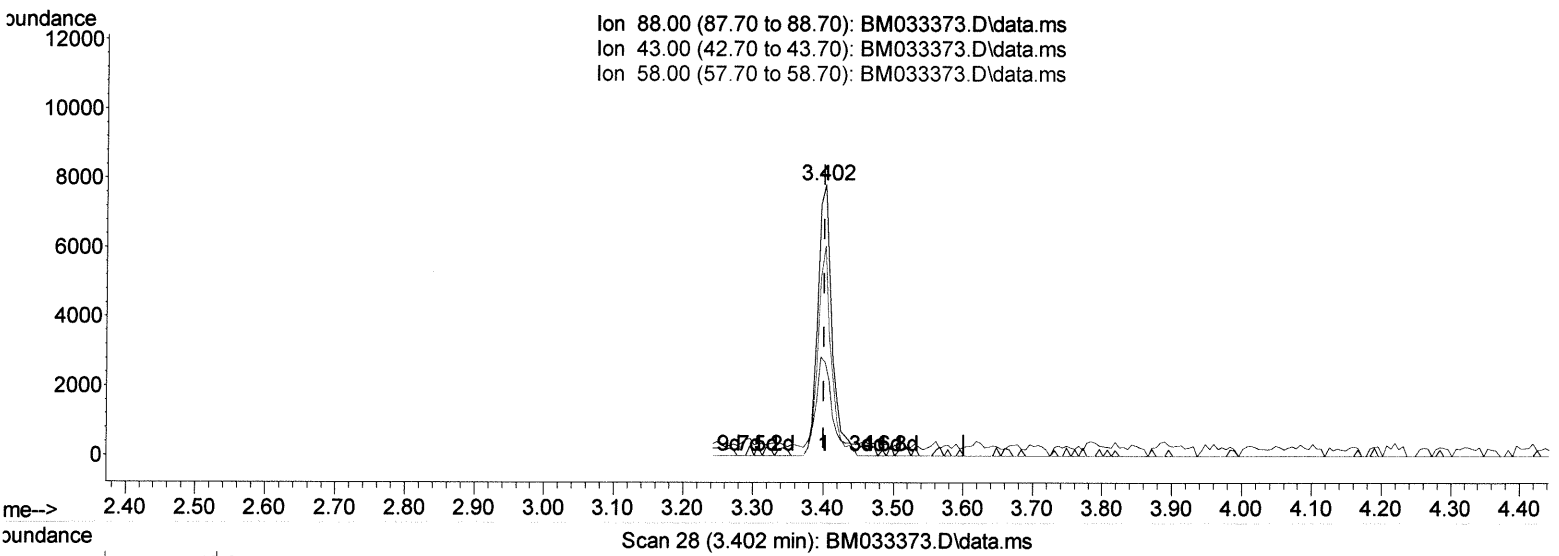
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Ion 88.00 (87.70 to 88.70): BM033373.D\data.ms
Ion 43.00 (42.70 to 43.70): BM033373.D\data.ms
Ion 58.00 (57.70 to 58.70): BM033373.D\data.ms



(2) 1,4-Dioxane

3.402min (+ 0.001) 7.51 ng/uL

response 11062

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	45.30	34.43#
58.00	85.60	77.53
0.00	0.00	0.00

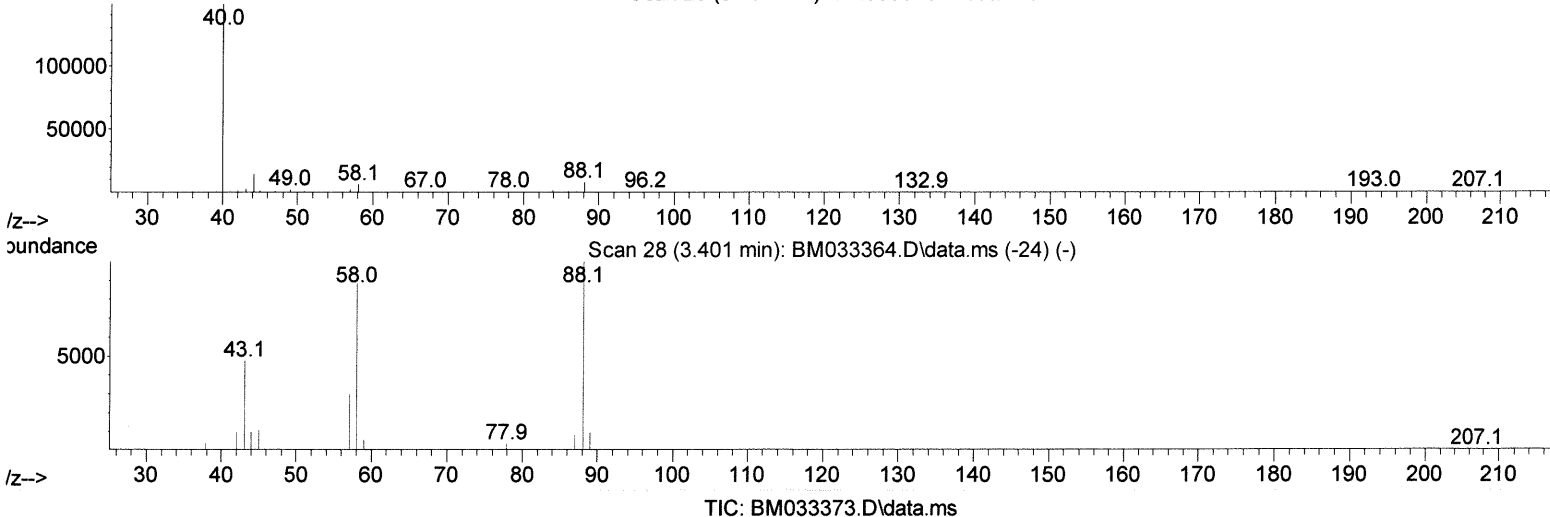
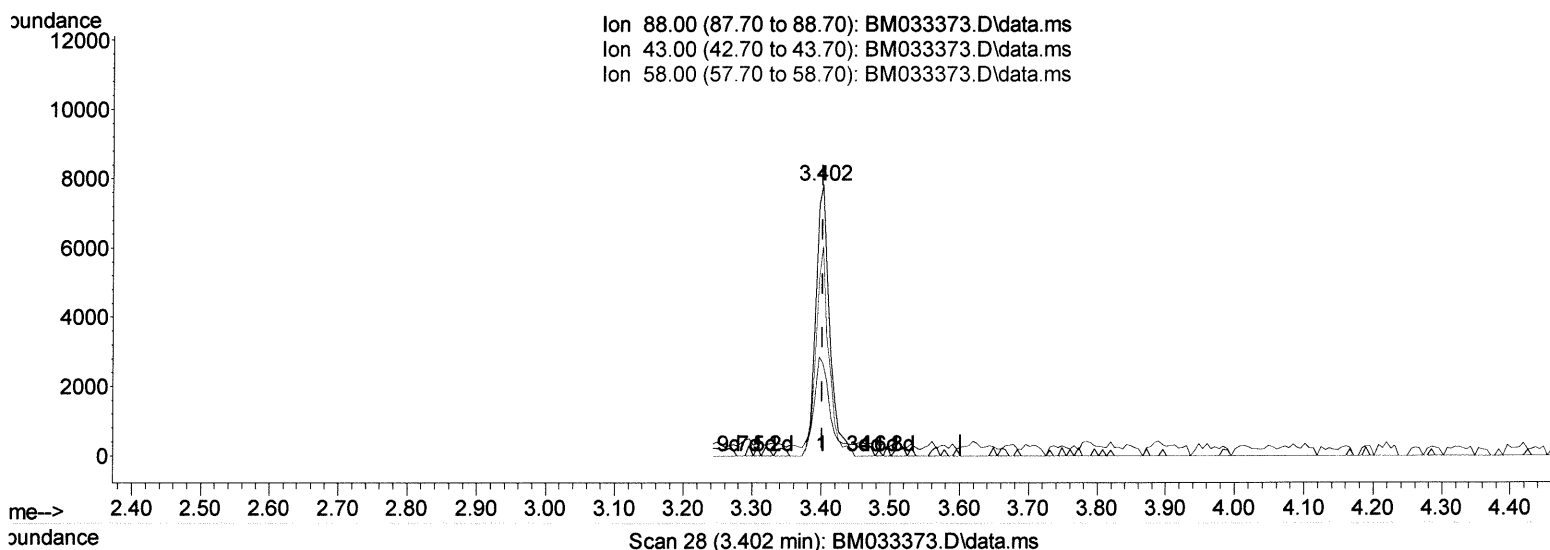
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(2) 1,4-Dioxane

3.402min (+ 0.001) 7.72 ng/uL m

response 11365

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	45.30	34.43#
58.00	85.60	77.53
0.00	0.00	0.00

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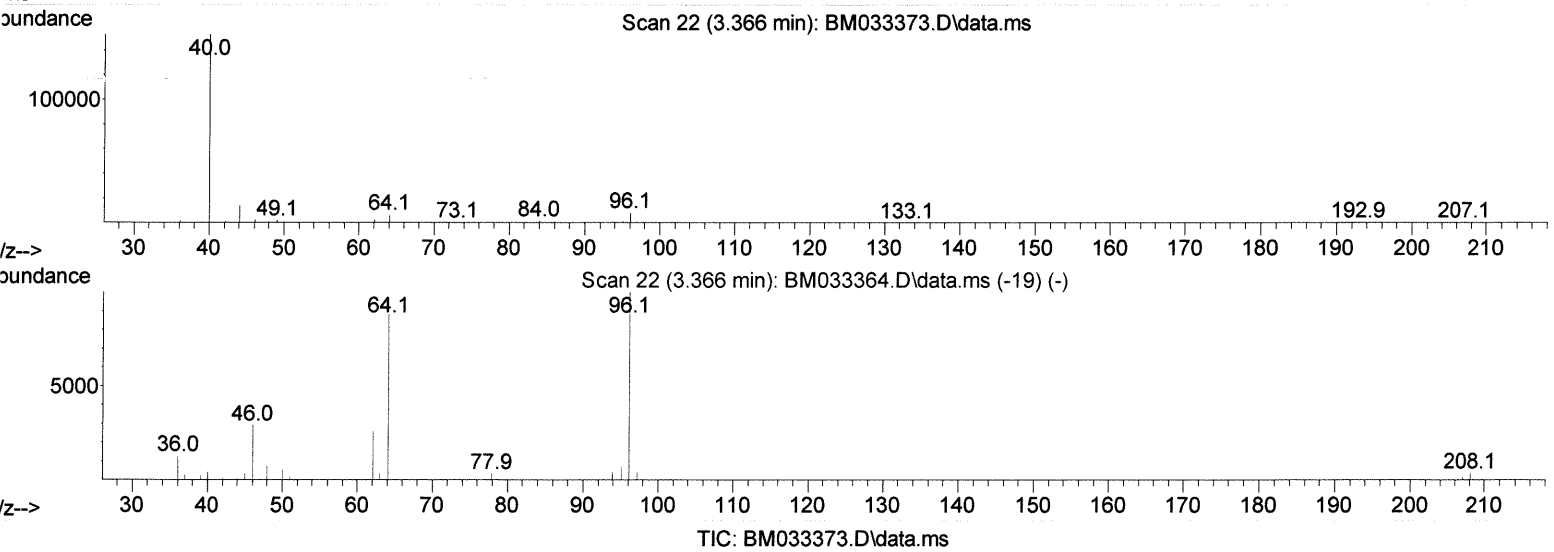
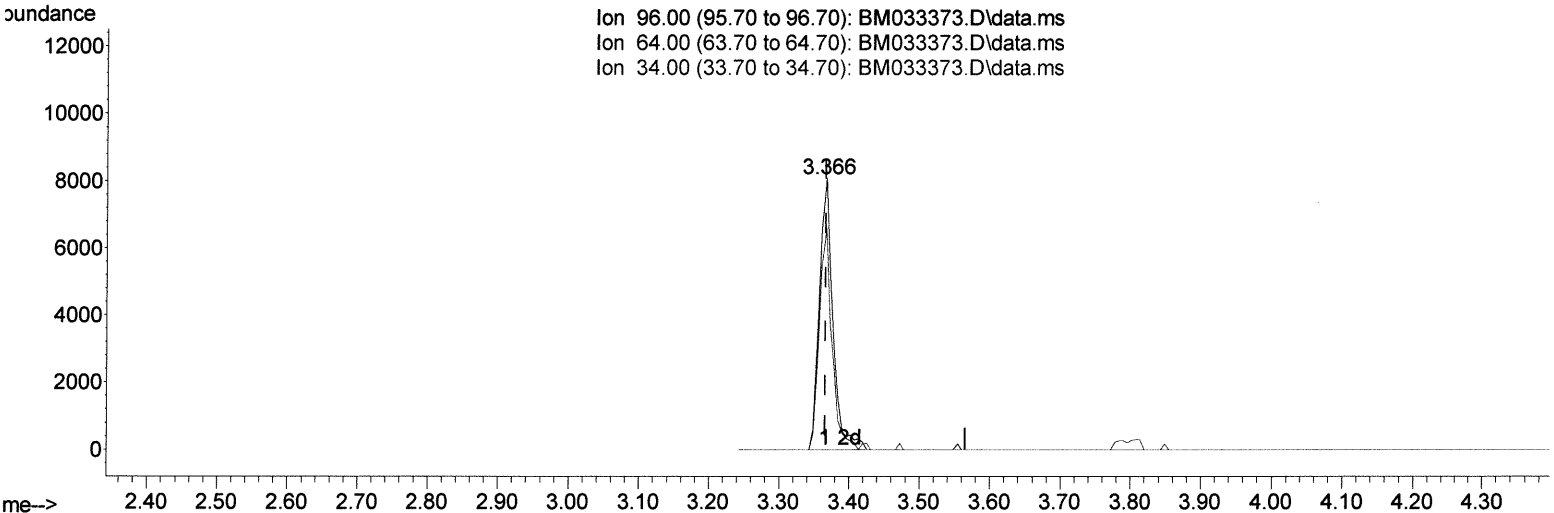
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(3) 1,4-Dioxane-d8 (S)

3.366min (+ 0.000) 7.82 ng/uL

response 10348

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	81.77
34.00	0.00	0.00
0.00	0.00	0.00

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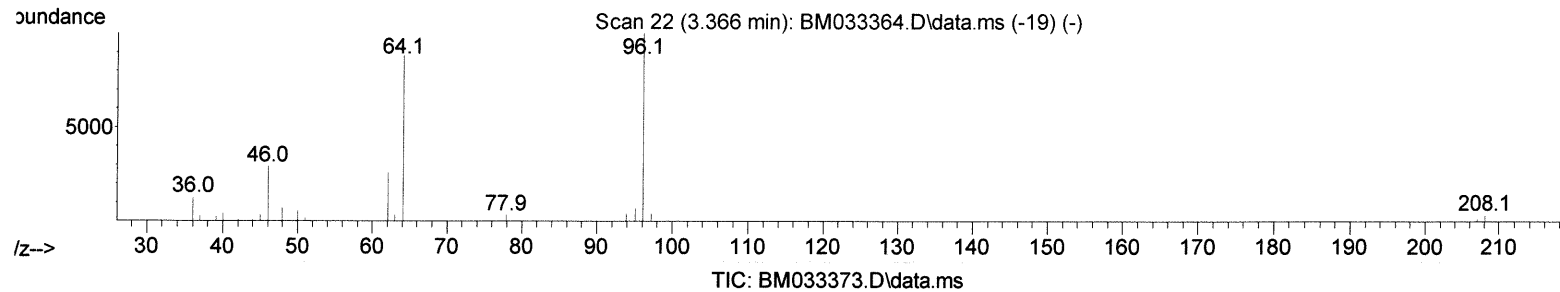
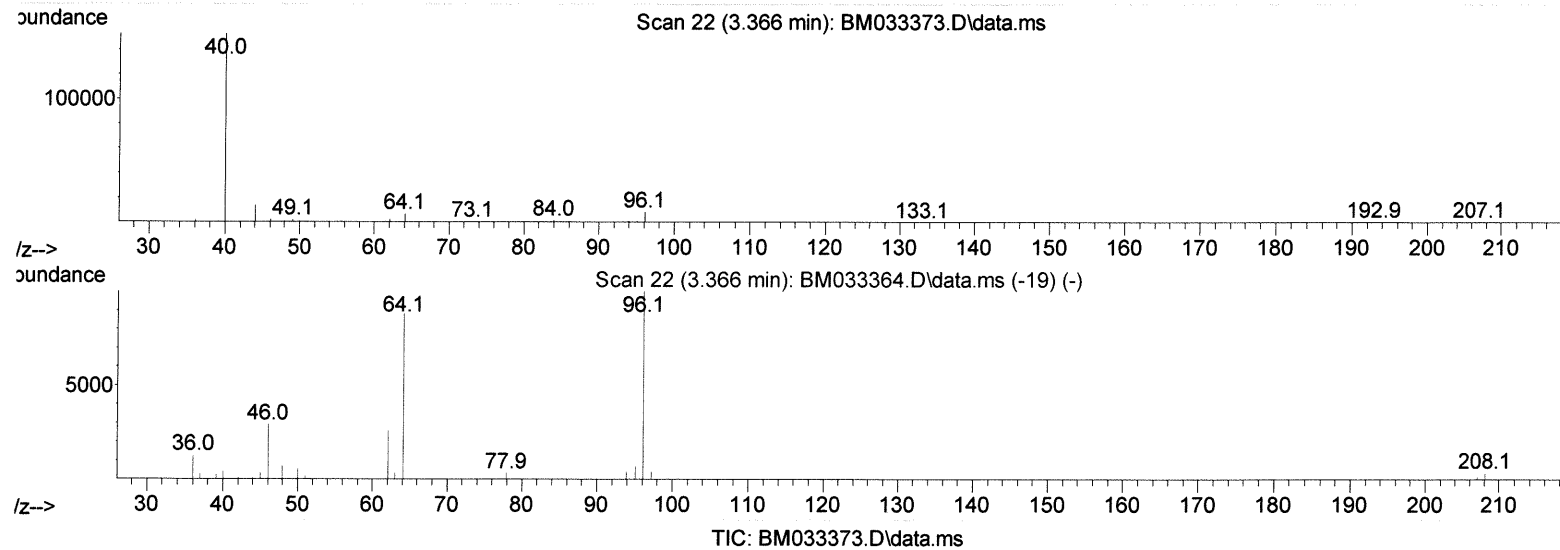
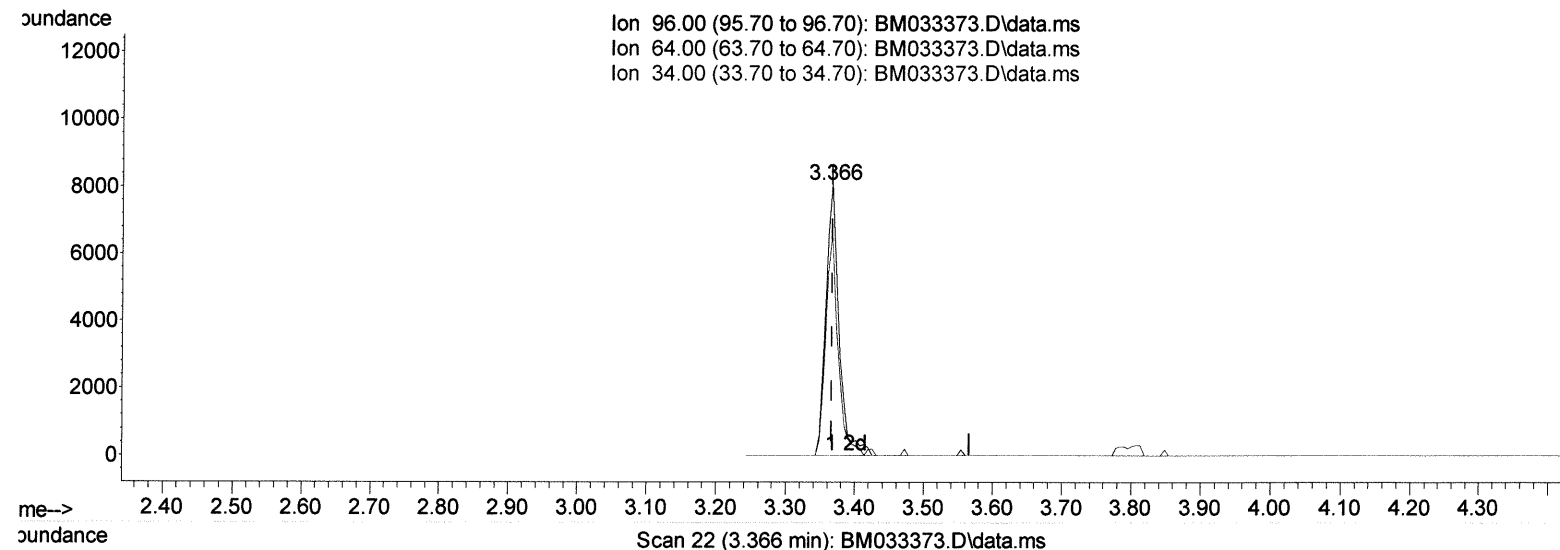
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Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

Ion 96.00 (95.70 to 96.70): BM033373.D\data.ms
 Ion 64.00 (63.70 to 64.70): BM033373.D\data.ms
 Ion 34.00 (33.70 to 34.70): BM033373.D\data.ms



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

3.366min (+ 0.000) 8.15 ng/uL m

response 10785

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	81.77
34.00	0.00	0.00
0.00	0.00	0.00

Handwritten signature: Jagrut Upadhyay

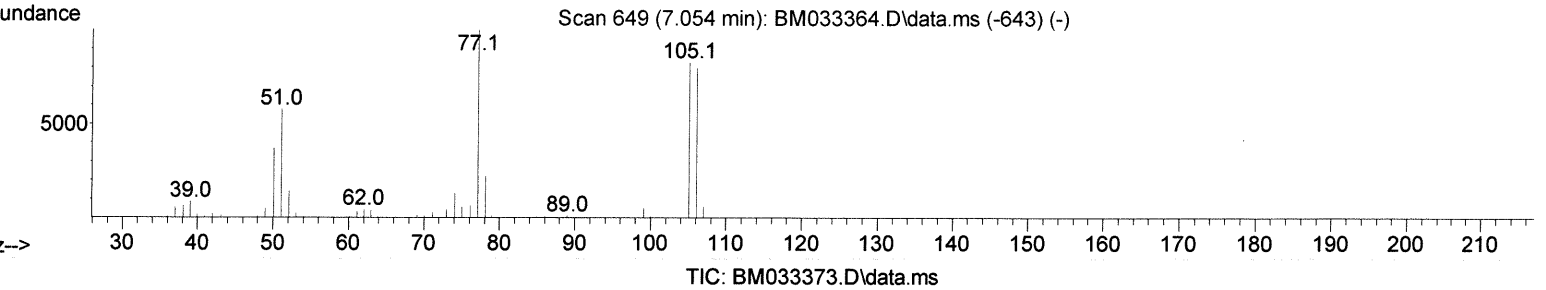
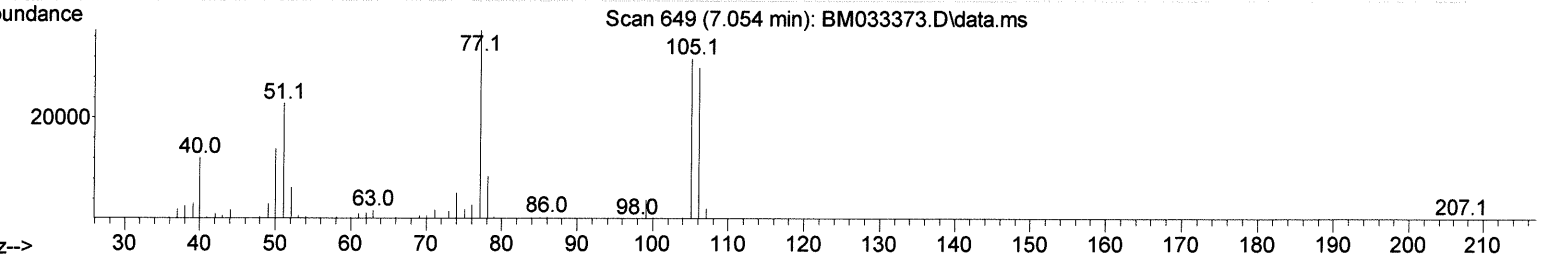
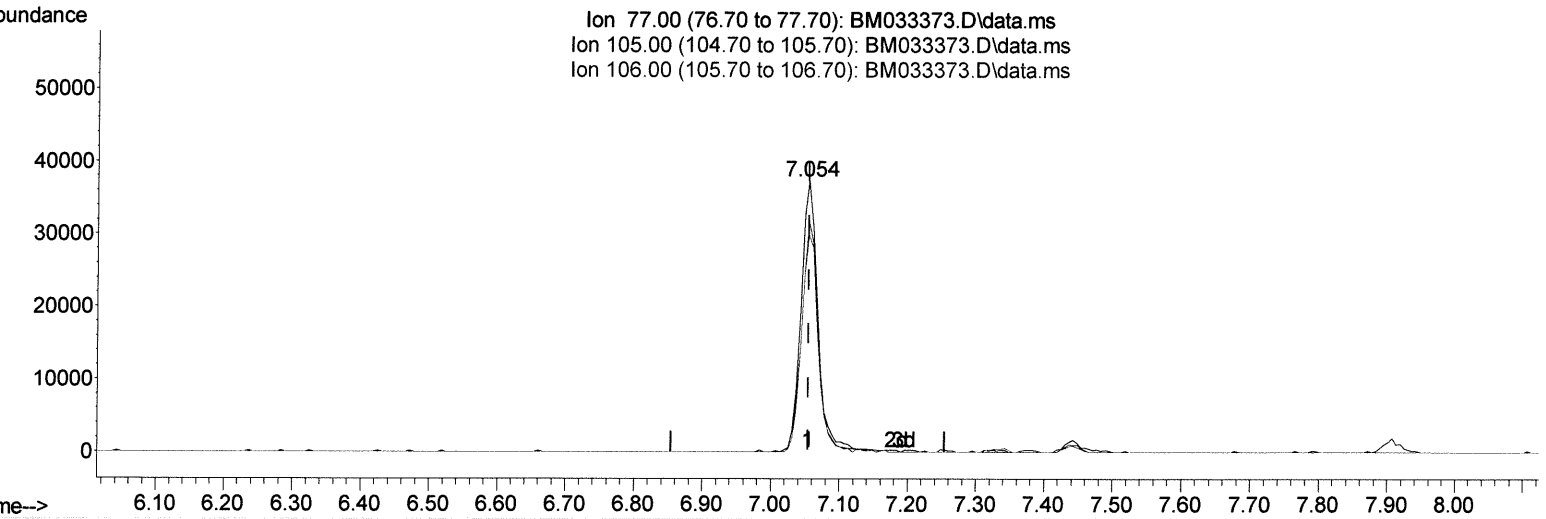
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Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021



(6) Benzaldehyde

7.054min (+ 0.000) 24.28 ng/ul

response 63682

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	82.00	84.92
106.00	75.70	79.99
0.00	0.00	0.00

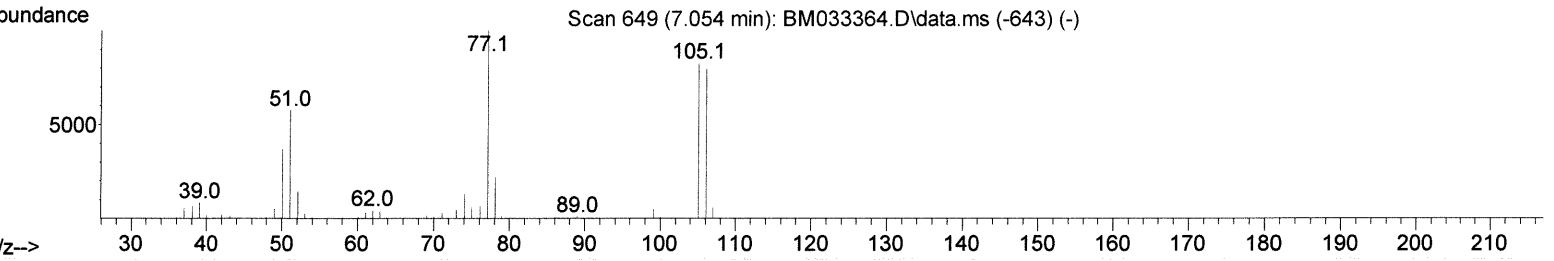
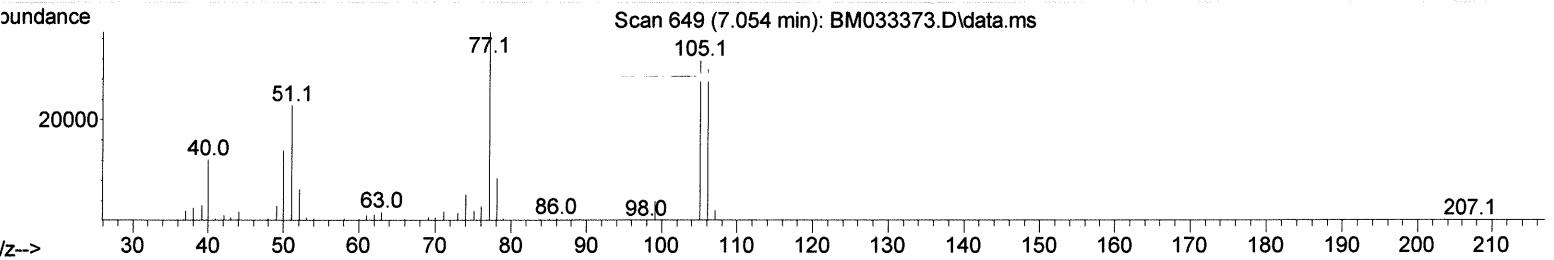
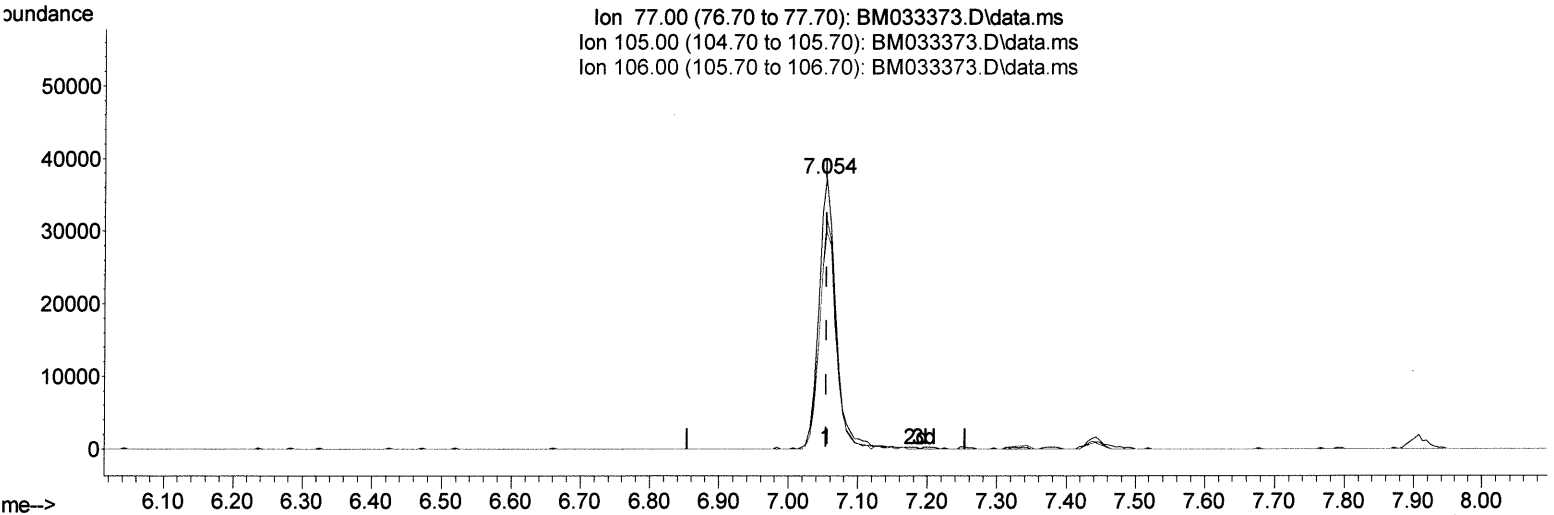
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TIC: BM033373.D\data.ms

(6) Benzaldehyde

7.054min (+ 0.000) 23.68 ng/ul m

response 62116

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	82.00	84.92
106.00	75.70	79.99
0.00	0.00	0.00

Handwritten signature: JU 12/20/21

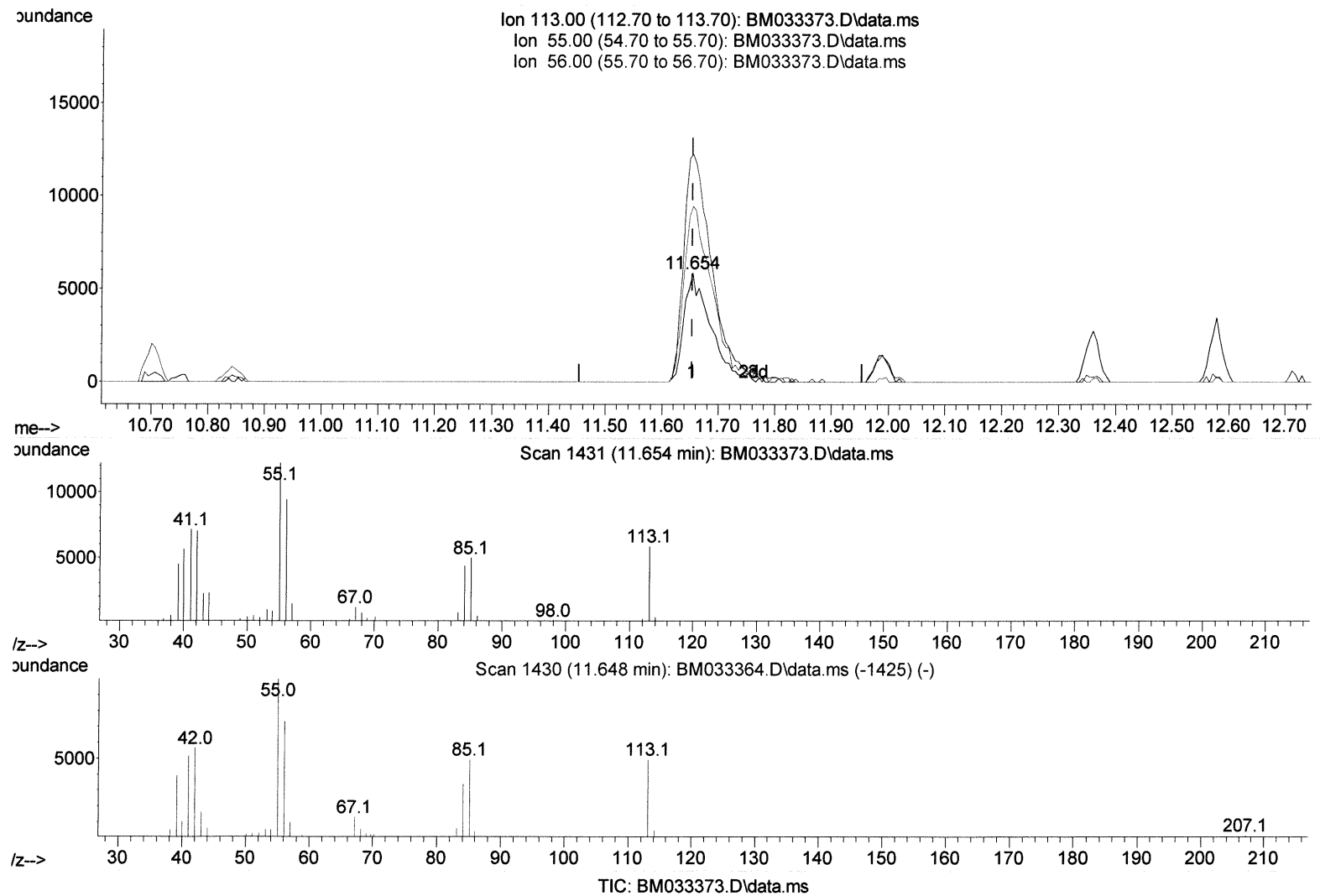
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BNA_M
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Supervised By :mohammad ahmed 12/15/2021



(34) Caprolactam

11.654min (+ 0.000) 17.23 ng/ul

response 18910

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	208.91
56.00	164.70	161.13
0.00	0.00	0.00

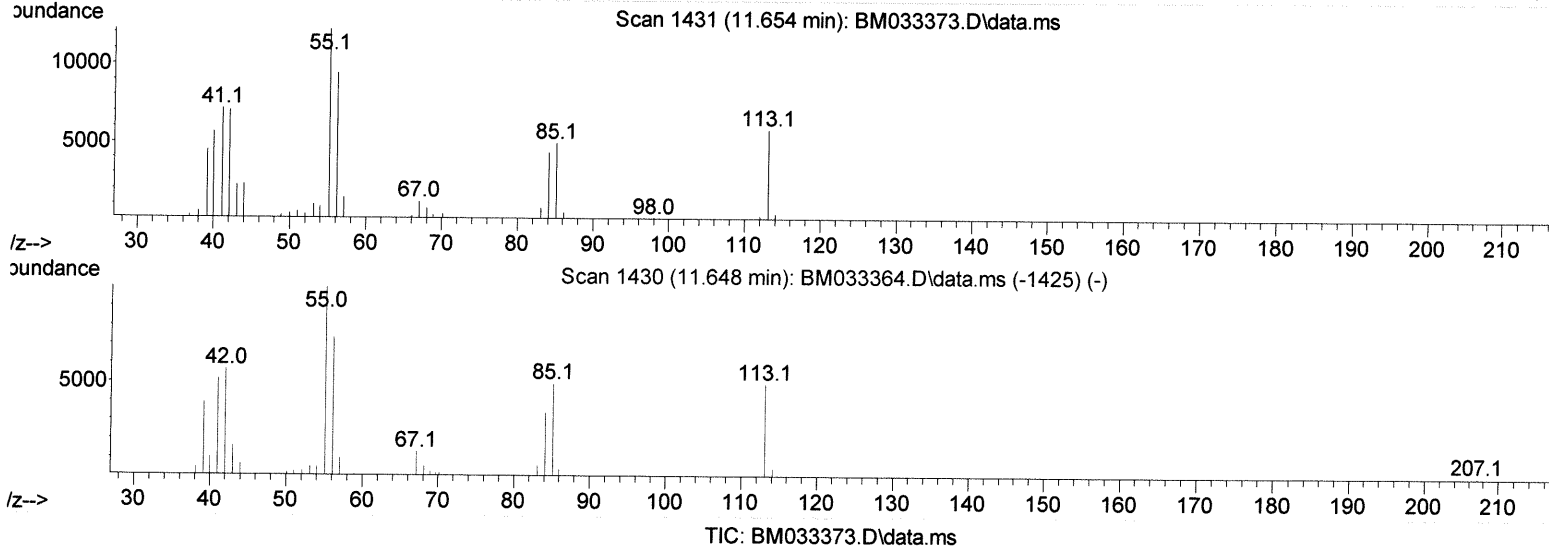
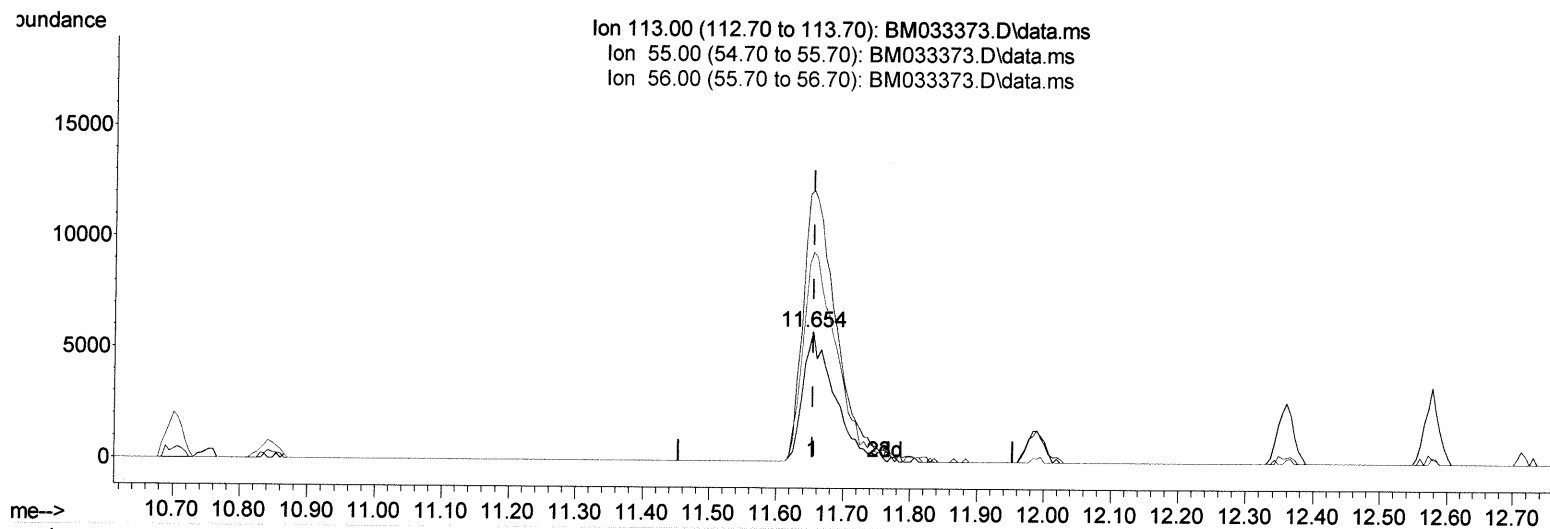
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Instrument :
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Manual IntegrationsAPPROVED

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(34) Caprolactam

11.654min (+ 0.000) 17.43 ng/ul m

response 19122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	208.91
56.00	164.70	161.13
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	7.907	152	49723	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	204300	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	137774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	296804	20.000	ng/ul	0.00
79) Chrysene-d12	21.430	240	307604	20.000	ng/ul	0.00
88) Perylene-d12	23.753	264	299320	20.000	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.366	96	10785m	8.151	ng/ul	0.00
4) Pyridine-d5	3.784	84	74281	19.362	ng/ul	0.00
7) Phenol-d5	7.078	99	83101	17.650	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.242	67	57031	18.502	ng/ul	0.00
11) 2-Chlorophenol-d4	7.442	132	61113	18.539	ng/ul	0.00
15) 4-Methylphenol-d8	8.613	113	64315	17.451	ng/ul	0.00
21) Nitrobenzene-d5	9.066	128	31704	19.125	ng/ul	0.00
24) 2-Nitrophenol-d4	9.789	143	32605	19.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	62859	19.557	ng/ul	0.00
31) 4-Chloroaniline-d4	10.842	131	85598	17.962	ng/ul	0.00
46) Dimethylphthalate-d6	13.942	166	192518	18.702	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	245094	19.206	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	33140	17.731	ng/ul	0.00
60) Fluorene-d10	15.524	176	173707	18.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	29410	16.417	ng/ul	0.00
73) Anthracene-d10	17.371	188	280096	19.095	ng/ul	0.00
81) Pyrene-d10	19.653	212	324130	18.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.606	264	296532	18.277	ng/ul	0.00

Target Compounds

2) 1,4-Dioxane	3.402	88	11365m	7.717	ng/ul	Qvalue
5) Pyridine	3.801	79	76500	19.361	ng/ul	89
6) Benzaldehyde	7.054	77	62116m	23.680	ng/ul	
8) Phenol	7.107	94	86681	17.873	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.331	93	66792	18.307	ng/ul	99
12) 2-Chlorophenol	7.472	128	64915	19.043	ng/ul	91
13) 2-Methylphenol	8.348	108	61056	17.364	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.425	45	115984	18.423	ng/ul	98
16) Acetophenone	8.731	105	108737	17.811	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.713	70	61665	18.479	ng/ul	96
18) 4-Methylphenol	8.678	108	67866	17.641	ng/ul	95
19) Hexachloroethane	8.983	117	32464	18.850	ng/ul	93
22) Nitrobenzene	9.113	77	93984	19.365	ng/ul	97
23) Isophorone	9.636	82	161582	19.443	ng/ul	99
25) 2-Nitrophenol	9.819	139	35252	19.551	ng/ul	96
26) 2,4-Dimethylphenol	9.878	107	83324	19.059	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.113	93	90866	19.441	ng/ul	99
29) 2,4-Dichlorophenol	10.354	162	61610	18.936	ng/ul	98
30) Naphthalene	10.754	128	212496	18.665	ng/ul	97
32) 4-Chloroaniline	10.866	127	87711	18.313	ng/ul	99
33) Hexachlorobutadiene	11.025	225	43858	18.415	ng/ul	96
34) Caprolactam	11.654	113	19122m	17.427	ng/ul	
35) 4-Chloro-3-methylphenol	11.989	107	73480	19.239	ng/ul	94

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36) 2-Methylnaphthalene	12.360	142	144805	18.755	ng/ul	99
37) 1-Methylnaphthalene	12.577	142	148452	18.501	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	77601	18.694	ng/ul	96
40) Hexachlorocyclopentadiene	12.701	237	63572	23.465	ng/ul	97
41) 2,4,6-Trichlorophenol	12.966	196	46996	19.234	ng/ul	95
42) 2,4,5-Trichlorophenol	13.042	196	51302	19.381	ng/ul	93
43) 1,1'-Biphenyl	13.366	154	199461	18.924	ng/ul	98
44) 2-Chloronaphthalene	13.413	162	154552	19.059	ng/ul	100
45) 2-Nitroaniline	13.624	65	56379	19.495	ng/ul	97
47) Dimethylphthalate	13.989	163	190898	18.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	36414	18.430	ng/ul	87
50) Acenaphthylene	14.254	152	254344	19.143	ng/ul	99
51) 3-Nitroaniline	14.448	138	37633	19.350	ng/ul	99
52) Acenaphthene	14.595	153	166014	18.826	ng/ul	97
53) 2,4-Dinitrophenol	14.648	184	21082	18.157	ng/ul	92
55) 4-Nitrophenol	14.760	109	36003	17.822	ng/ul	89
56) Dibenzofuran	14.930	168	242385	18.955	ng/ul	98
57) 2,4-Dinitrotoluene	14.895	165	56656	19.519	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.154	232	42922	19.074	ng/ul	99
59) Diethylphthalate	15.348	149	196665	18.539	ng/ul	100
61) Fluorene	15.577	166	200246	19.045	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.571	204	99243	18.922	ng/ul	99
63) 4-Nitroaniline	15.607	138	41825	20.943	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.654	198	29737	16.664	ng/ul#	88
67) N-Nitrosodiphenylamine	15.783	169	166409	19.069	ng/ul	98
68) 4-Bromophenyl-phenylether	16.465	248	55601	18.599	ng/ul	97
69) Hexachlorobenzene	16.577	284	62911	18.265	ng/ul	94
70) Atrazine	16.730	200	61799	17.847	ng/ul	96
71) Pentachlorophenol	16.924	266	41877	21.682	ng/ul	97
72) Phenanthrene	17.312	178	320402	18.712	ng/ul	99
74) Anthracene	17.406	178	325640	18.758	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.330	216	80088	18.709	ng/uL	99
76) Pentachlorobenzene	14.848	250	80836	19.123	ng/uL	99
77) Carbazole	17.677	167	290498	18.515	ng/ul	99
78) Di-n-butylphthalate	18.230	149	332625	18.894	ng/ul	100
80) Fluoranthene	19.318	202	380345	18.769	ng/ul	98
82) Pyrene	19.683	202	399487	18.831	ng/ul	99
83) Butylbenzylphthalate	20.571	149	150279	18.493	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.353	252	118589	16.962	ng/ul	99
85) Benzo(a)anthracene	21.418	228	375894	18.599	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	216947	18.575	ng/ul	98
87) Chrysene	21.471	228	367177	18.485	ng/ul	98
89) Di-n-octyl phthalate	22.236	149	373037	16.998	ng/ul	100
90) Benzo(b)fluoranthene	23.047	252	370194	18.051	ng/ul	99
91) Benzo(k)fluoranthene	23.094	252	355758	18.735	ng/ul	99
93) Benzo(a)pyrene	23.653	252	358738	18.231	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.124	276	379393	17.729	ng/ul	97
95) Dibenzo(a,h)anthracene	26.135	278	328366	17.640	ng/ul	97
96) Benzo(g,h,i)perylene	26.859	276	322126	17.648	ng/ul	100

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