

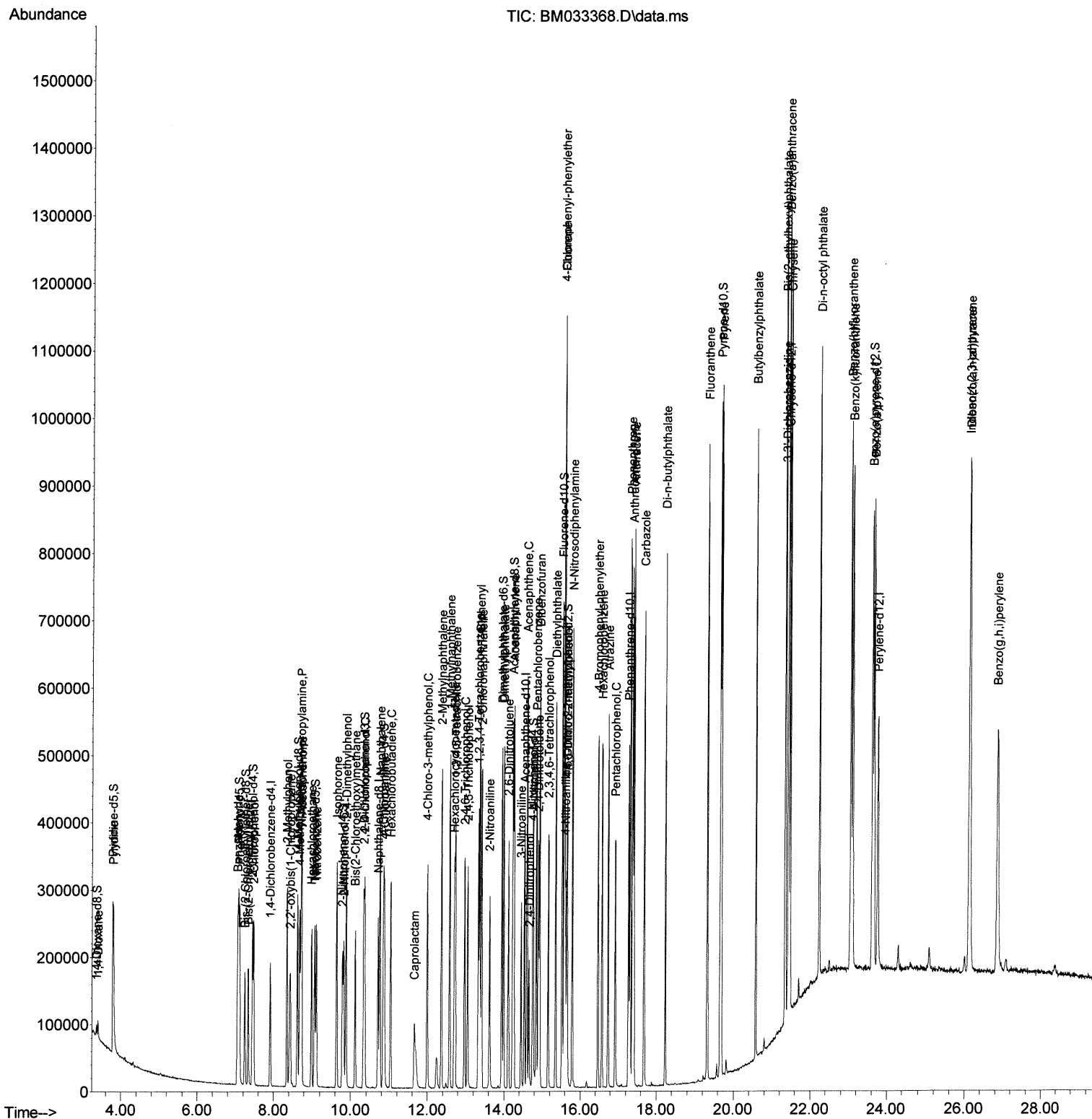
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120921\  
Data File : BM033368.D  
Acq On : 09 Dec 2021 21:36  
Operator : CG/JU  
Sample : PB141265BS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SLCS265

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 01:16:05 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  
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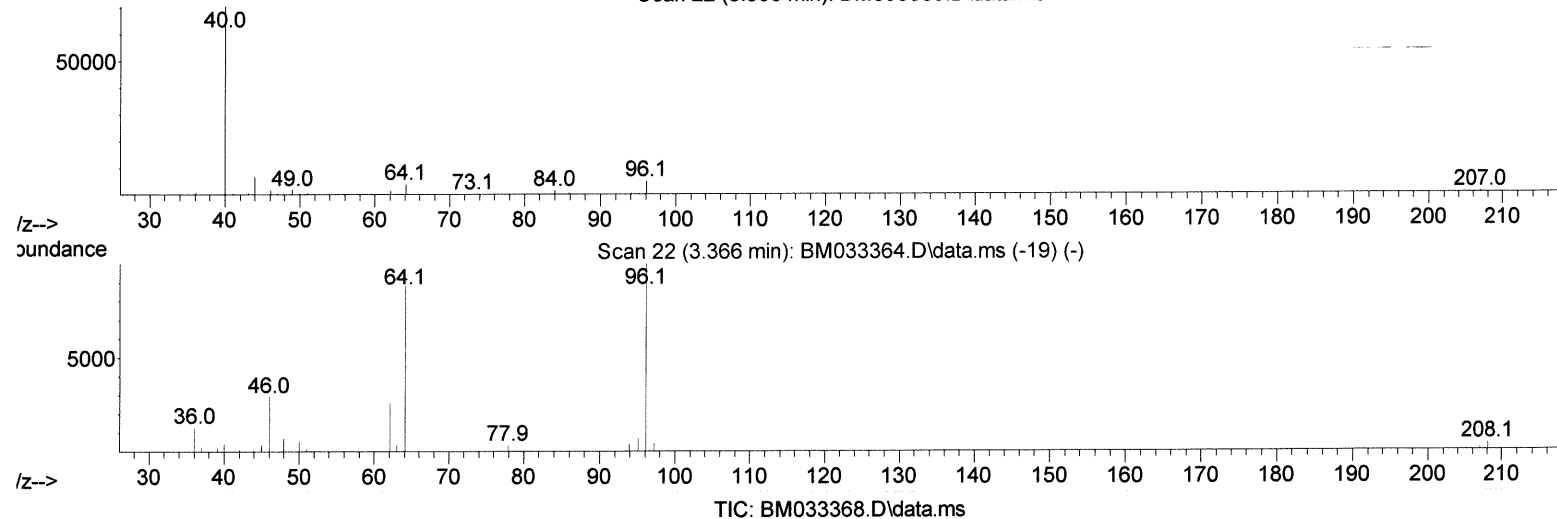
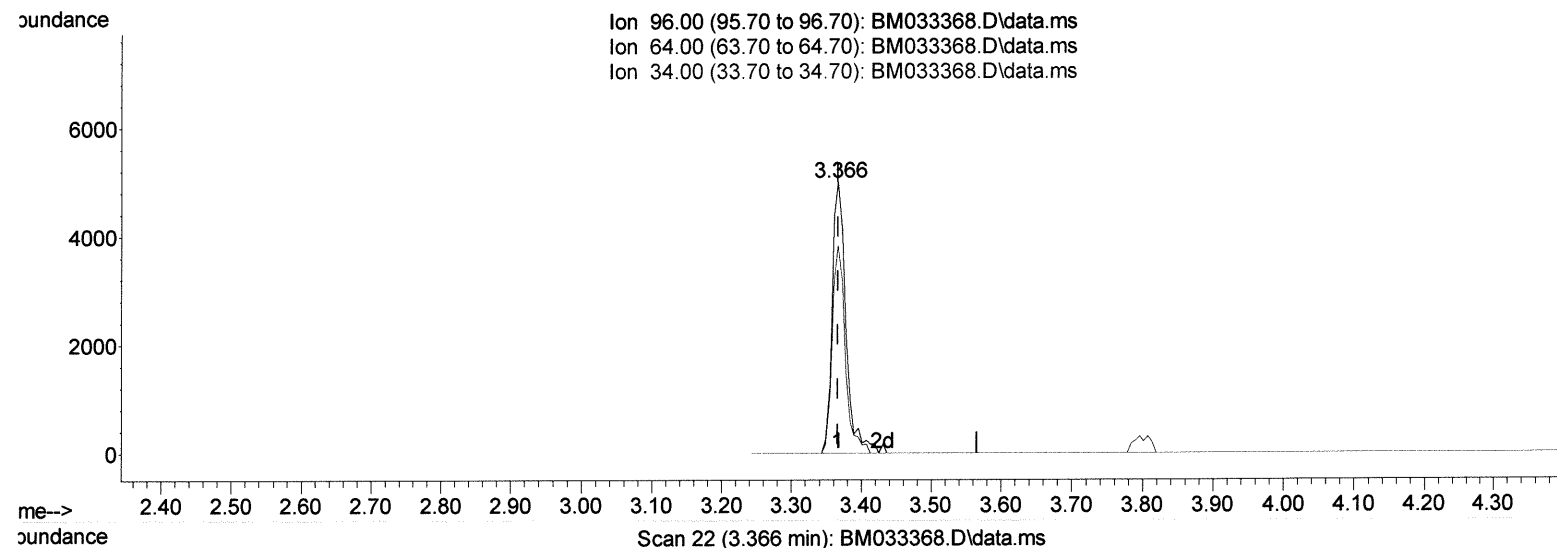
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(3) 1,4-Dioxane-d8 (S)

3.366min (+ 0.000) 5.86 ng/uL

response 6764

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	76.60
34.00	0.00	0.00
0.00	0.00	0.00

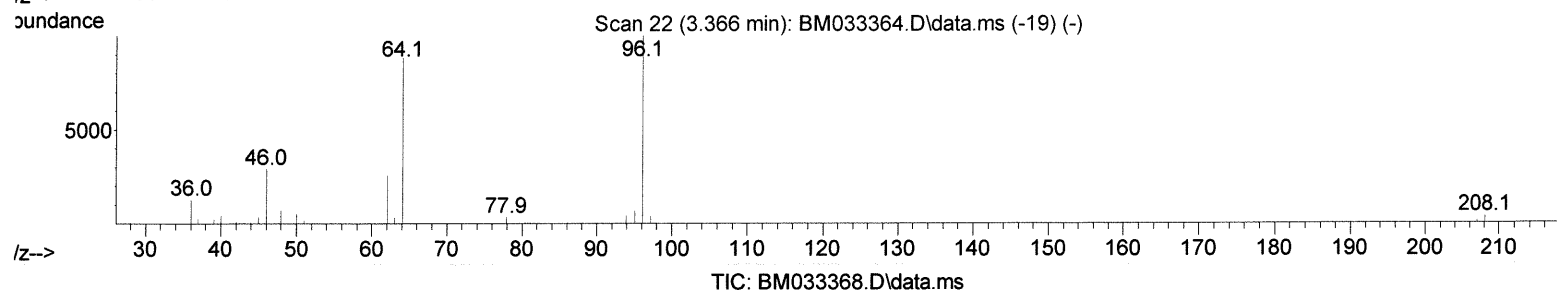
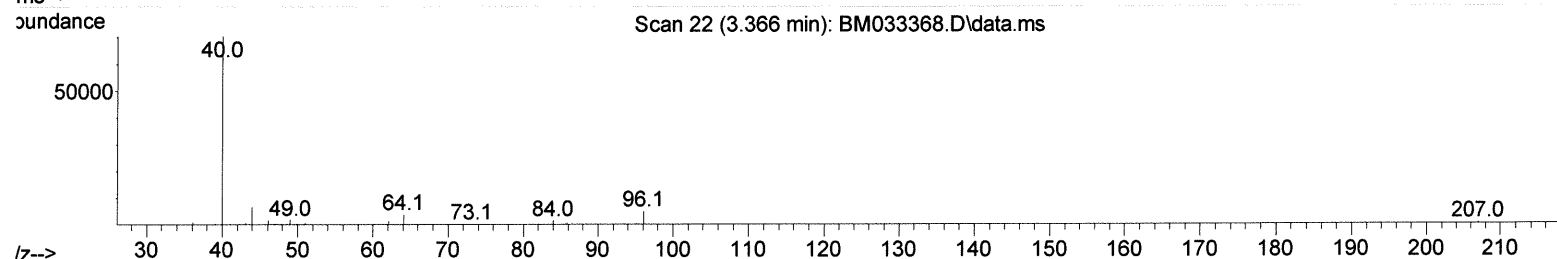
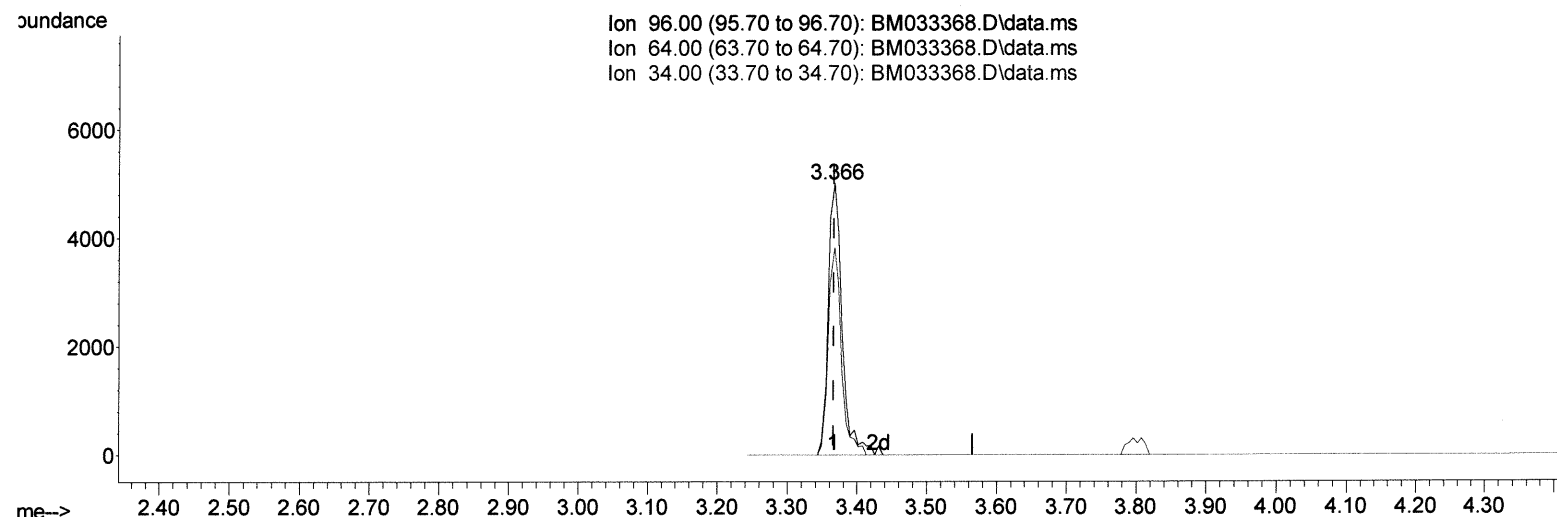
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(3) 1,4-Dioxane-d8 (S)

3.366min (+ 0.000) 5.98 ng/uL m

response 6903

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	76.60
34.00	0.00	0.00
0.00	0.00	0.00

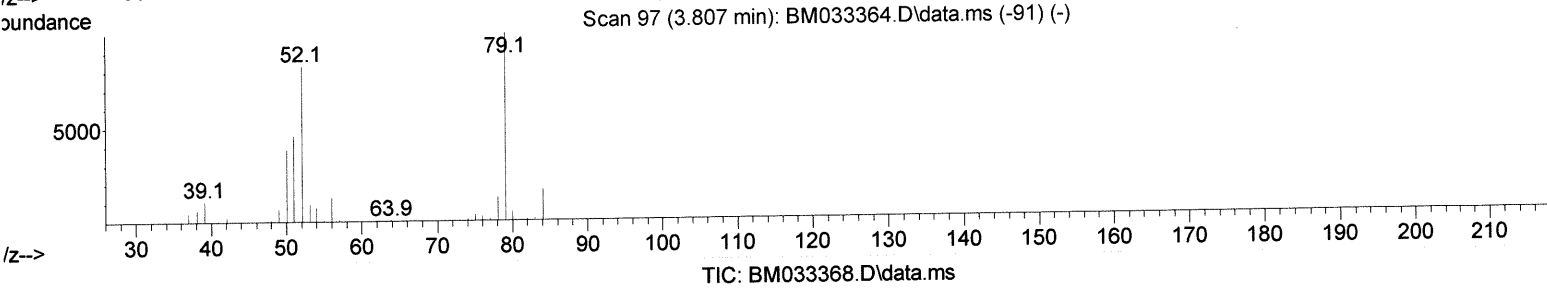
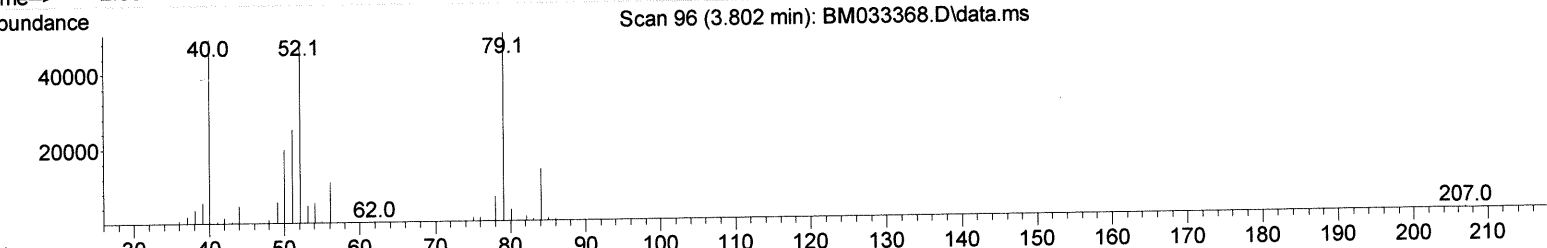
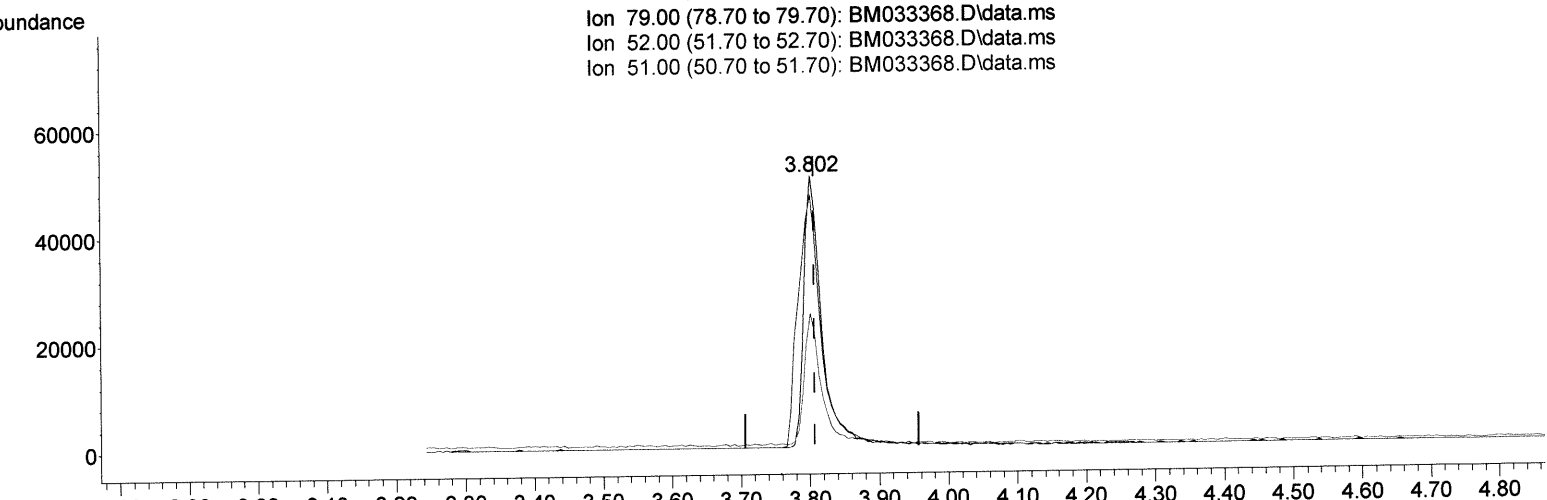
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(5) Pyridine

3.802min (-0.006) 25.52 ng/ul

response 87926

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	97.60	93.36
51.00	45.00	49.51
0.00	0.00	0.00

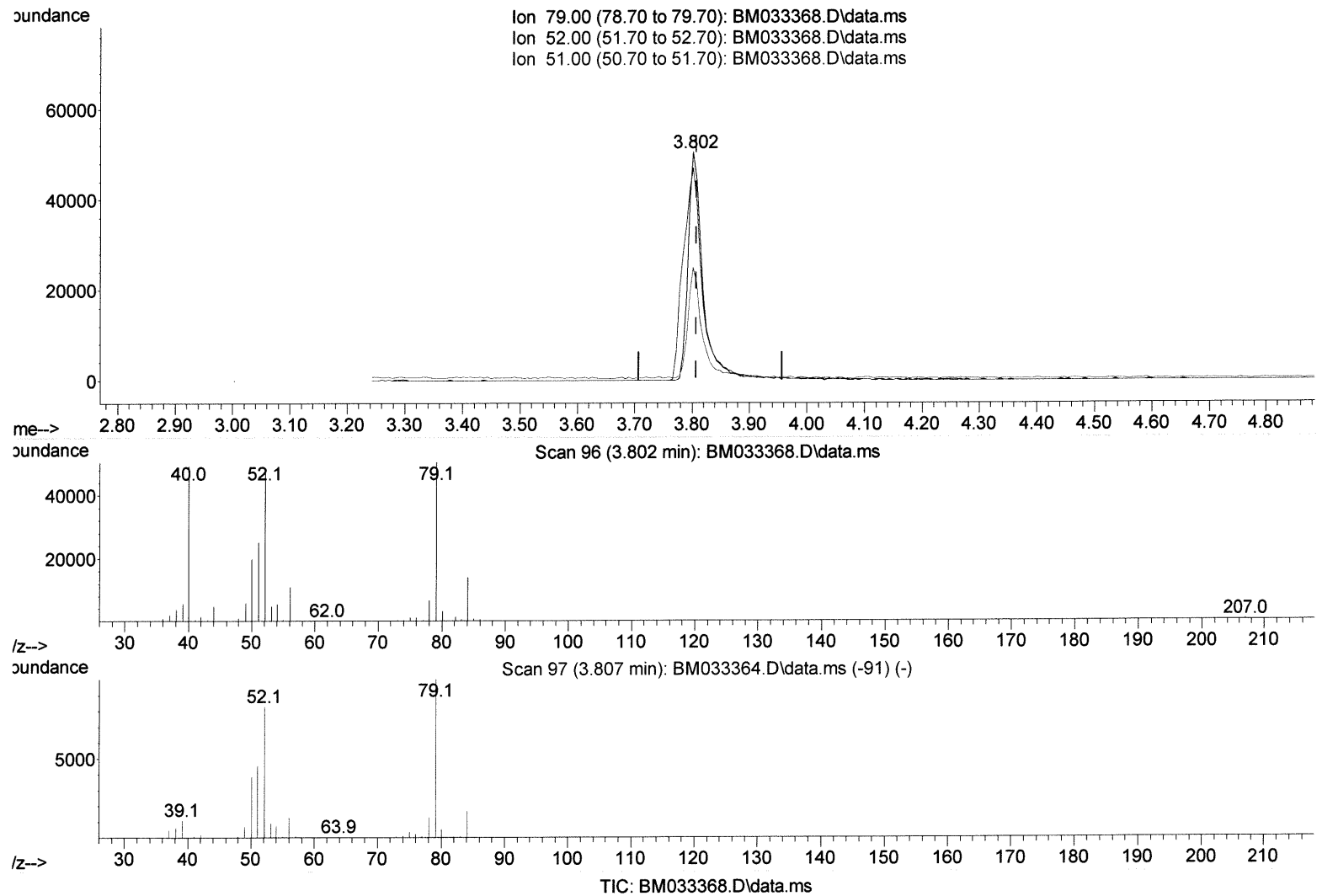
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(5) Pyridine

3.802min (-0.006) 25.94 ng/ul m

response 89361

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	97.60	93.36
51.00	45.00	49.51
0.00	0.00	0.00

*Handwritten signature/initials*

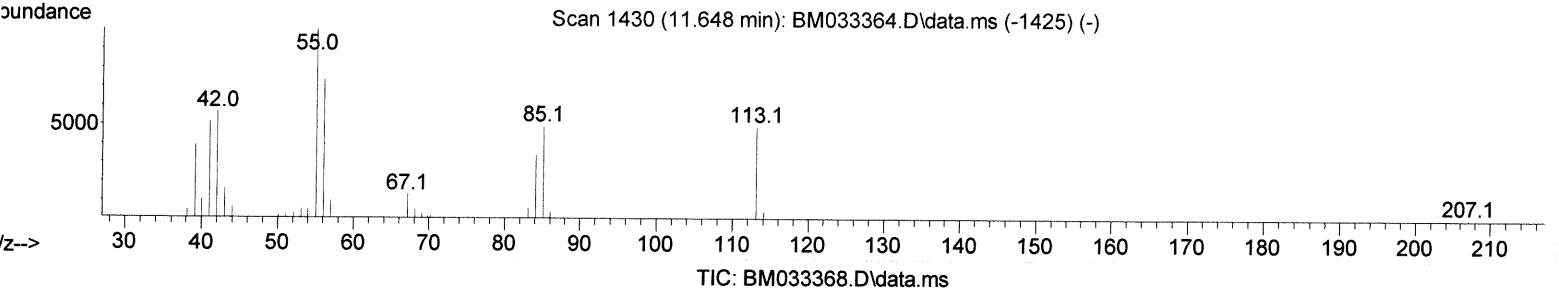
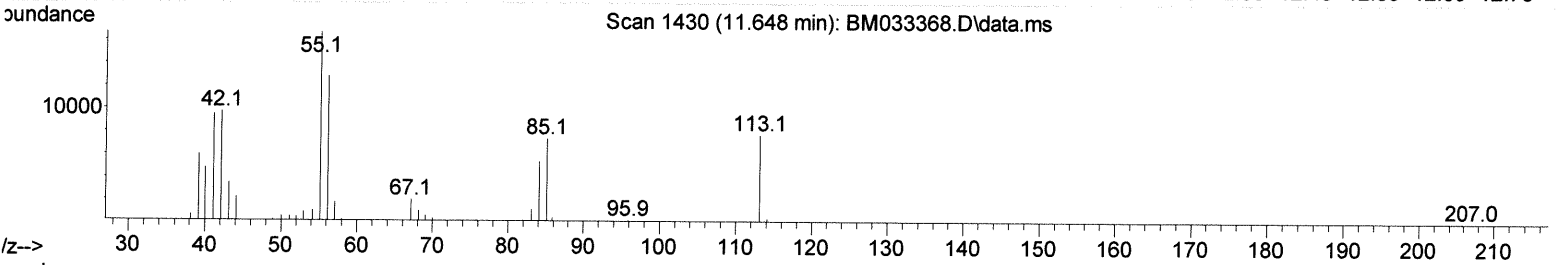
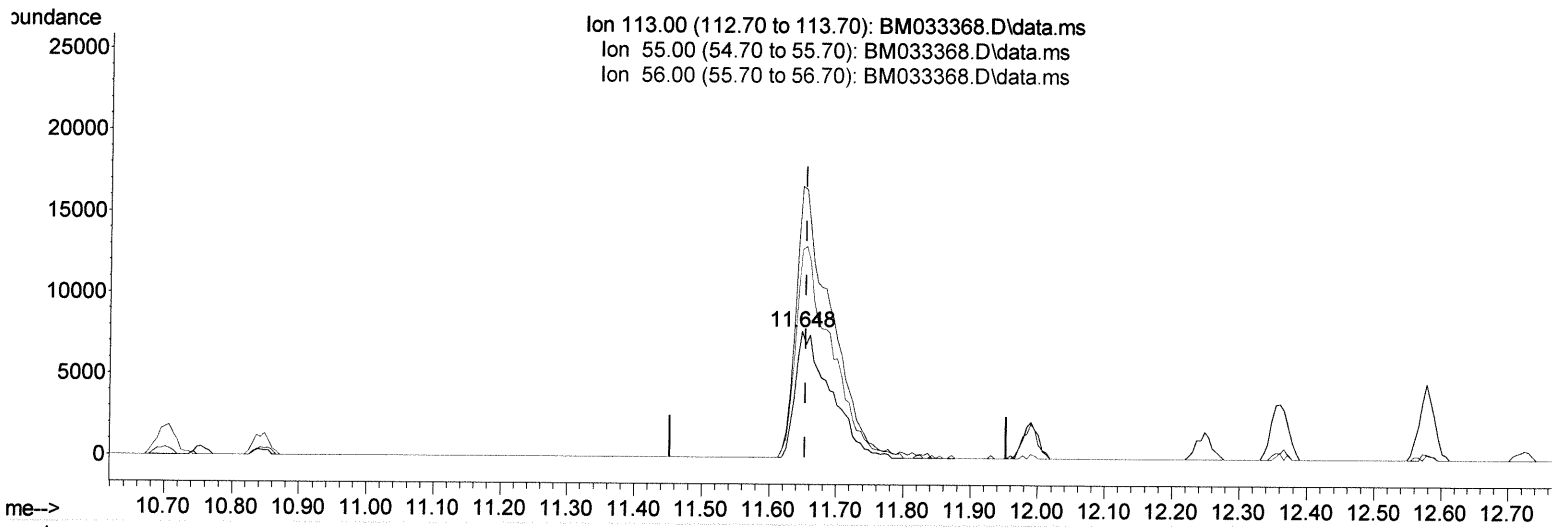
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Reviewed By :Jagrut Upadhyay 12/10/2021  
 Supervised By :mohammad ahmed 12/15/2021



(34) Caprolactam

11.648min (-0.006) 28.47 ng/ul

response 28219

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	215.10
56.00	164.70	165.21
0.00	0.00	0.00

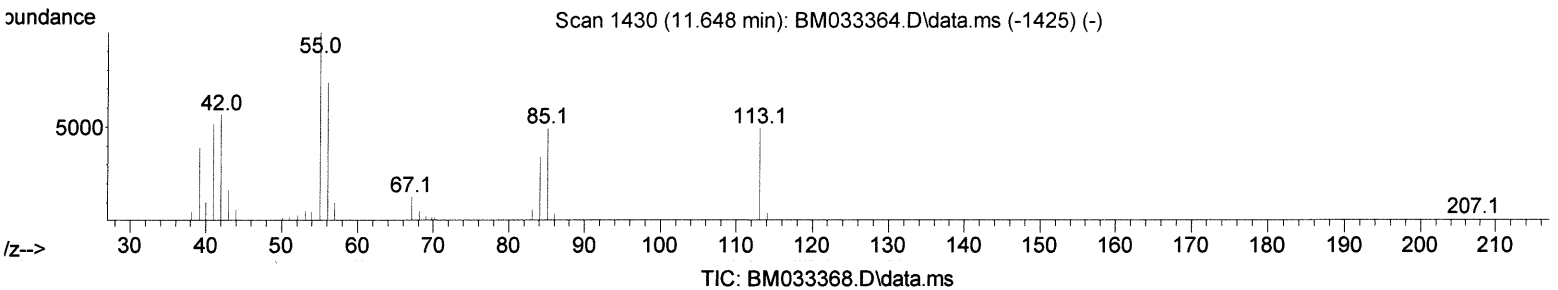
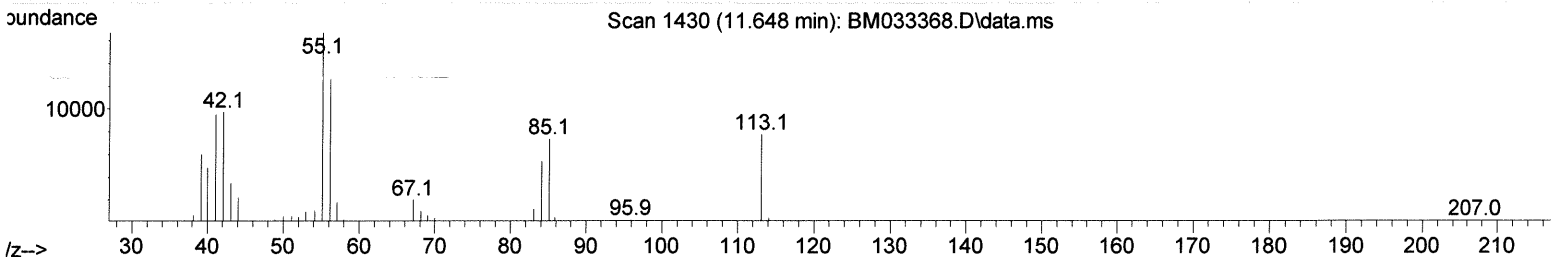
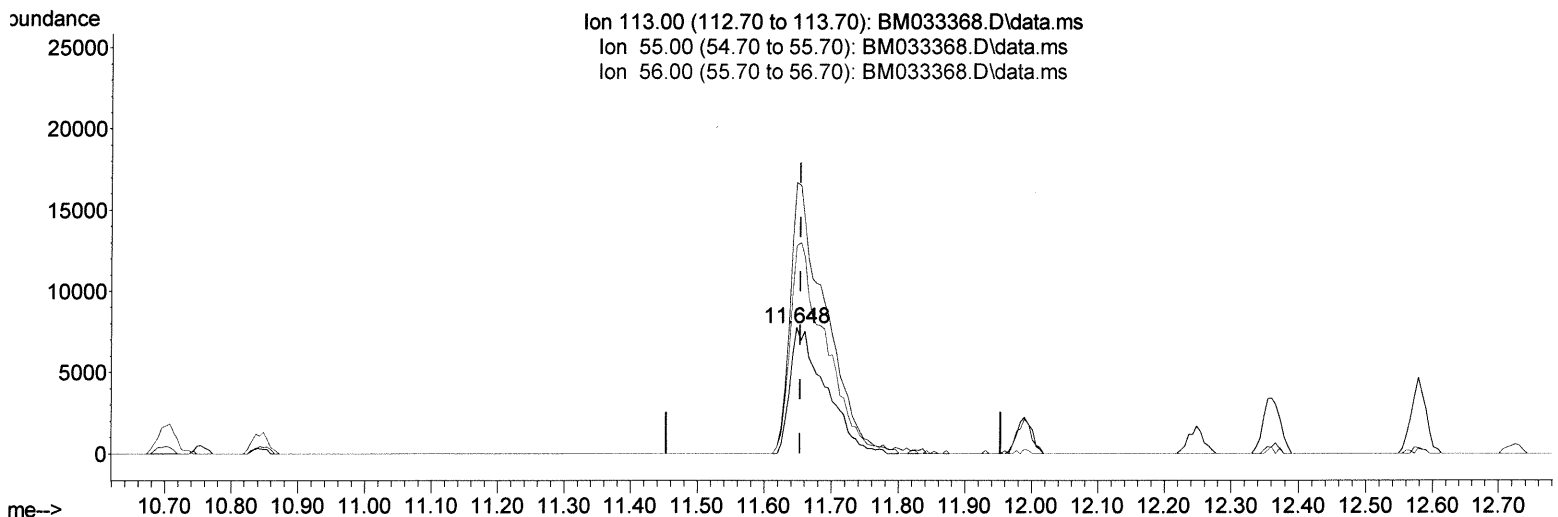
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Instrument :  
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 Supervised By :mohammad ahmed 12/15/2021



(34) Caprolactam

11.648min (-0.006) 28.63 ng/ul m

response 28382

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	215.10
56.00	164.70	165.21
0.00	0.00	0.00

*ju 20/21*

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 Operator : CG/JU  
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	43352	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	184578	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	127293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	275152	20.000	ng/ul	0.00
79) Chrysene-d12	21.436	240	284358	20.000	ng/ul	0.00
88) Perylene-d12	23.759	264	263706	20.000	ng/ul	0.00

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.366	96	6903m	5.984	ng/ul	0.00
4) Pyridine-d5	3.784	84	87908	26.282	ng/ul	0.00
7) Phenol-d5	7.078	99	116233	28.314	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	76855	28.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.443	132	84699	29.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.619	113	92137	28.675	ng/ul	0.00
21) Nitrobenzene-d5	9.072	128	44471	29.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.789	143	46786	30.448	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.331	165	89748	30.906	ng/ul	0.00
31) 4-Chloroaniline-d4	10.842	131	127047	29.509	ng/ul	0.00
46) Dimethylphthalate-d6	13.942	166	290373	30.530	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	360008	30.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	51587	29.873	ng/ul	0.00
60) Fluorene-d10	15.524	176	261714	30.763	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	48294	29.080	ng/ul	0.00
73) Anthracene-d10	17.371	188	418518	30.777	ng/ul	0.00
81) Pyrene-d10	19.654	212	499333	31.419	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.612	264	453047	31.696	ng/ul	0.00

## Target Compounds

					Qvalue
2) 1,4-Dioxane	3.402	88	13635	10.619	ng/ul 95
5) Pyridine	3.802	79	89361m	25.940	ng/ul 93
6) Benzaldehyde	7.054	77	79683	34.841	ng/ul 97
8) Phenol	7.107	94	115070	27.213	ng/ul 97
10) Bis(2-Chloroethyl)ether	7.337	93	87803	27.602	ng/ul 97
12) 2-Chlorophenol	7.478	128	86044	28.951	ng/ul 95
13) 2-Methylphenol	8.354	108	84220	27.472	ng/ul 94
14) 2,2'-oxybis(1-Chloropr...	8.437	45	148828	27.114	ng/ul 98
16) Acetophenone	8.737	105	146428	27.510	ng/ul 97
17) N-Nitroso-di-n-propyla...	8.713	70	85393	29.350	ng/ul 100
18) 4-Methylphenol	8.678	108	90727	27.049	ng/ul 97
19) Hexachloroethane	8.984	117	41862	27.880	ng/ul 86
22) Nitrobenzene	9.113	77	126319	28.808	ng/ul 98
23) Isophorone	9.636	82	218156	29.055	ng/ul 99
25) 2-Nitrophenol	9.819	139	48117	29.537	ng/ul 98
26) 2,4-Dimethylphenol	9.878	107	107214	27.144	ng/ul 95
27) Bis(2-Chloroethoxy)met...	10.113	93	120630	28.566	ng/ul 99
29) 2,4-Dichlorophenol	10.354	162	86511	29.430	ng/ul 93
30) Naphthalene	10.754	128	289063	28.103	ng/ul 99
32) 4-Chloroaniline	10.866	127	108951	25.178	ng/ul 99
33) Hexachlorobutadiene	11.031	225	61830	28.735	ng/ul 98
34) Caprolactam	11.648	113	28382m	28.630	ng/ul 91
35) 4-Chloro-3-methylphenol	11.989	107	105814	30.666	ng/ul 91



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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	198701	28.485	ng/ul	99
37) 1-Methylnaphthalene	12.577	142	204118	28.157	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.725	216	106683	27.816	ng/ul	98
40) Hexachlorocyclopentadiene	12.695	237	79477	31.751	ng/ul	97
41) 2,4,6-Trichlorophenol	12.972	196	68452	30.322	ng/ul	95
42) 2,4,5-Trichlorophenol	13.048	196	74660	30.527	ng/ul	92
43) 1,1'-Biphenyl	13.366	154	276638	28.407	ng/ul	98
44) 2-Chloronaphthalene	13.413	162	212374	28.345	ng/ul	99
45) 2-Nitroaniline	13.619	65	84234	31.524	ng/ul	99
47) Dimethylphthalate	13.989	163	273870	29.001	ng/ul	100
48) 2,6-Dinitrotoluene	14.113	165	55774	30.553	ng/ul	95
50) Acenaphthylene	14.254	152	357023	29.083	ng/ul	99
51) 3-Nitroaniline	14.448	138	53280	29.652	ng/ul	99
52) Acenaphthene	14.595	153	233023	28.601	ng/ul	97
53) 2,4-Dinitrophenol	14.654	184	30759	28.672	ng/ul	92
55) 4-Nitrophenol	14.760	109	56138	30.077	ng/ul	92
56) Dibenzofuran	14.930	168	340388	28.811	ng/ul	98
57) 2,4-Dinitrotoluene	14.901	165	84690	31.580	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.160	232	63557	30.570	ng/ul#	99
59) Diethylphthalate	15.348	149	287860	29.370	ng/ul	100
61) Fluorene	15.577	166	287734	29.619	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.571	204	142362	29.378	ng/ul	96
63) 4-Nitroaniline	15.607	138	62677	33.968	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.654	198	46875	28.335	ng/ul	93
67) N-Nitrosodiphenylamine	15.789	169	239147	29.560	ng/ul	99
68) 4-Bromophenyl-phenylether	16.465	248	83730	30.212	ng/ul	96
69) Hexachlorobenzene	16.571	284	91171	28.552	ng/ul	96
70) Atrazine	16.736	200	89643	27.925	ng/ul	99
71) Pentachlorophenol	16.924	266	57779	32.269	ng/ul	97
72) Phenanthrene	17.312	178	466702	29.402	ng/ul	98
74) Anthracene	17.407	178	471112	29.274	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	111090	27.994	ng/uL	97
76) Pentachlorobenzene	14.848	250	108466	27.678	ng/uL	95
77) Carbazole	17.677	167	421031	28.946	ng/ul	99
78) Di-n-butylphthalate	18.230	149	503197	30.831	ng/ul	100
80) Fluoranthene	19.324	202	555654	29.662	ng/ul	98
82) Pyrene	19.683	202	589359	30.052	ng/ul	100
83) Butylbenzylphthalate	20.571	149	231717	30.846	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.353	252	169384	26.208	ng/ul	96
85) Benzo(a)anthracene	21.418	228	552094	29.551	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	334774	31.007	ng/ul	98
87) Chrysene	21.471	228	533413	29.050	ng/ul	99
89) Di-n-octyl phthalate	22.242	149	573347	29.654	ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	552278	30.567	ng/ul	99
91) Benzo(k)fluoranthene	23.100	252	508446	30.393	ng/ul	100
93) Benzo(a)pyrene	23.659	252	525122	30.290	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.130	276	547607	29.045	ng/ul	99
95) Dibenzo(a,h)anthracene	26.141	278	481101	29.336	ng/ul	98
96) Benzo(g,h,i)perylene	26.853	276	471114	29.296	ng/ul	98

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