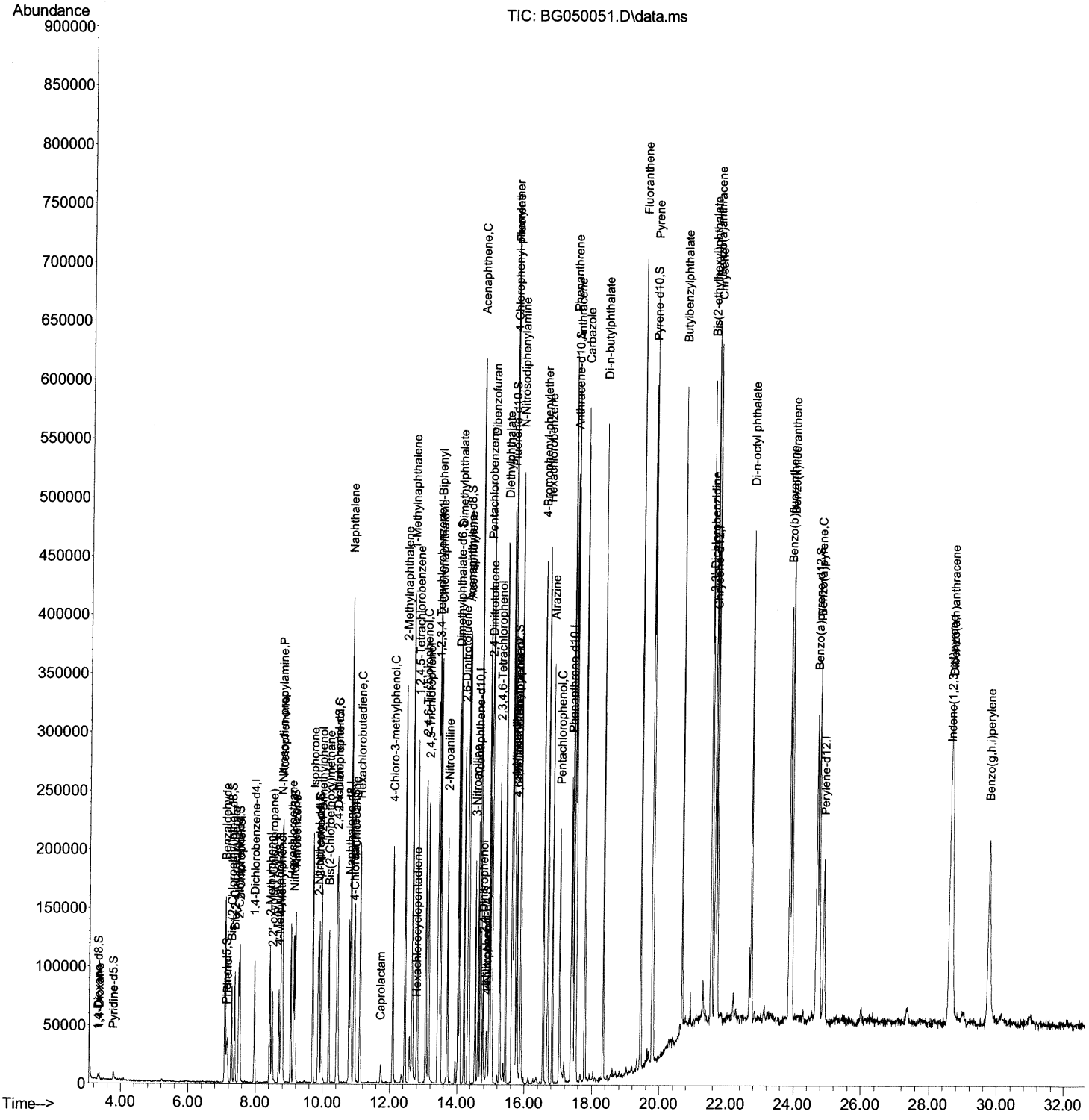
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050051.D
Acq On : 31 Aug 2021 5:26
Operator : CG/JU
Sample : M3448-22MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 31 06:54:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKG6MS

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:11 AM



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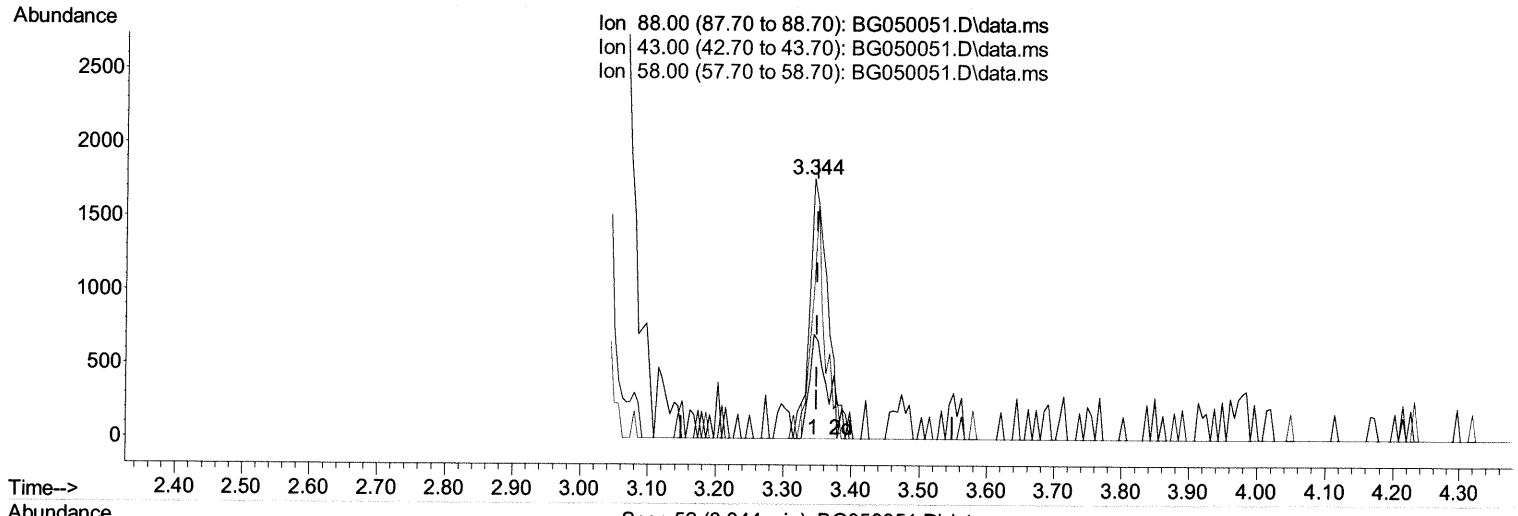

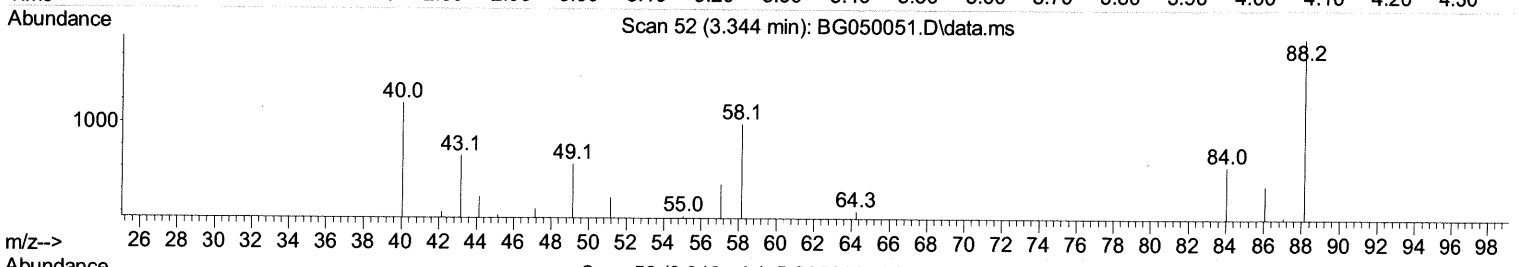

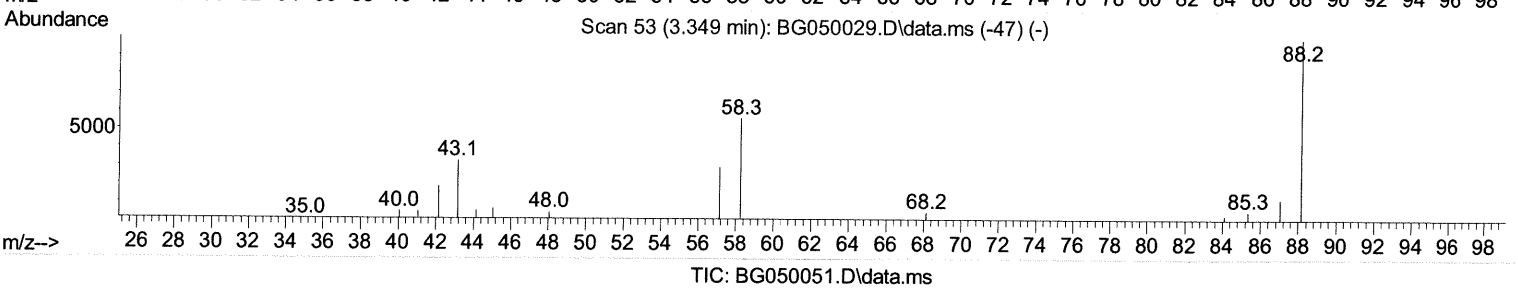

TIC: BG050051.D\data.ms

(2) 1,4-Dioxane

3.344min (-0.005) 4.42 ng/uL

response 2948

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	40.23#
58.00	65.00	56.37
0.00	0.00	0.00

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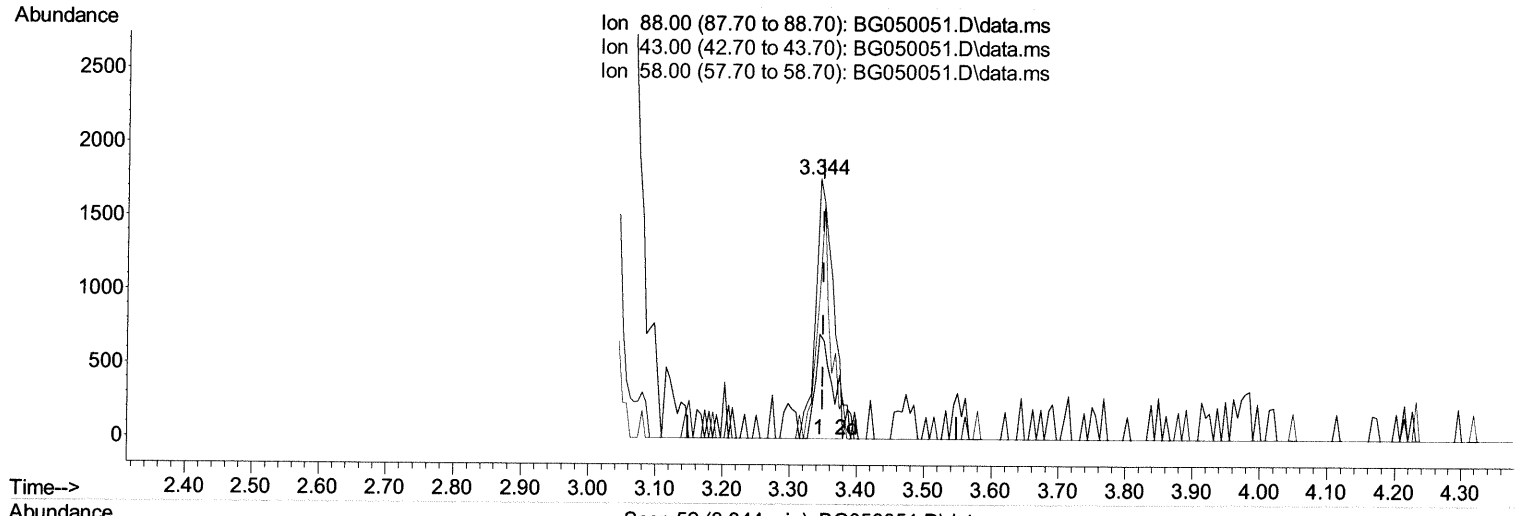

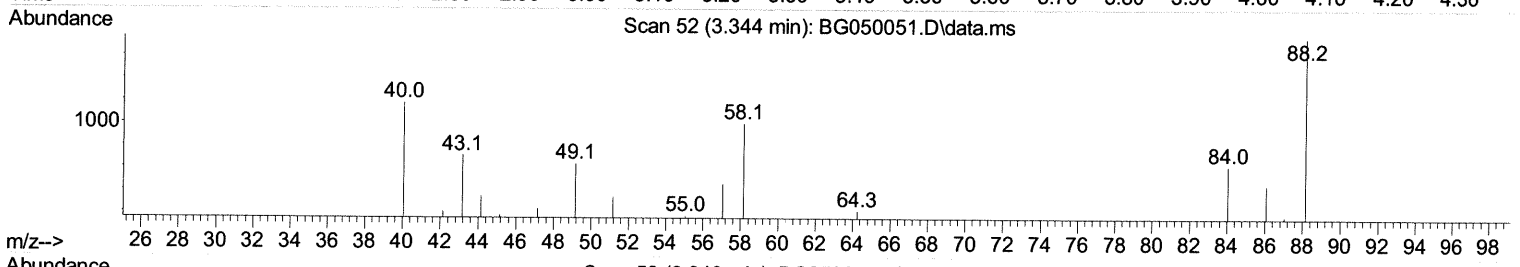

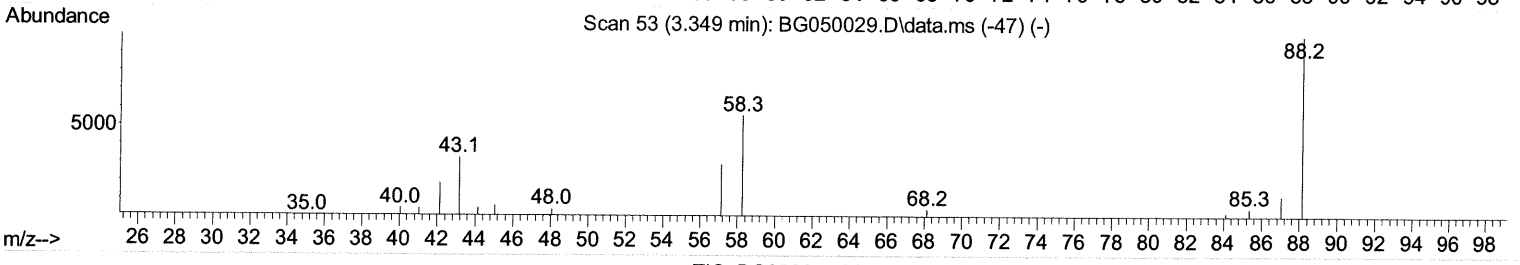

TIC: BG050051.D\data.ms

(2) 1,4-Dioxane

3.344min (-0.005) 4.64 ng/uL m 09/01/21 JU

response 3100

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	40.23#
58.00	65.00	56.37
0.00	0.00	0.00

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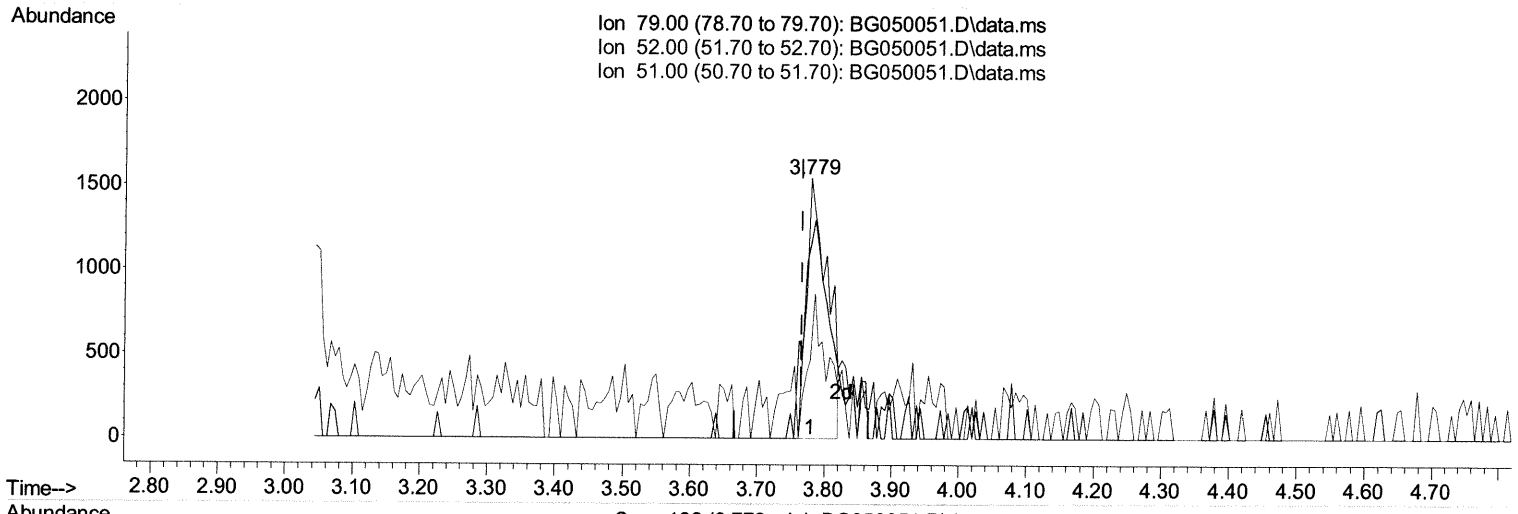

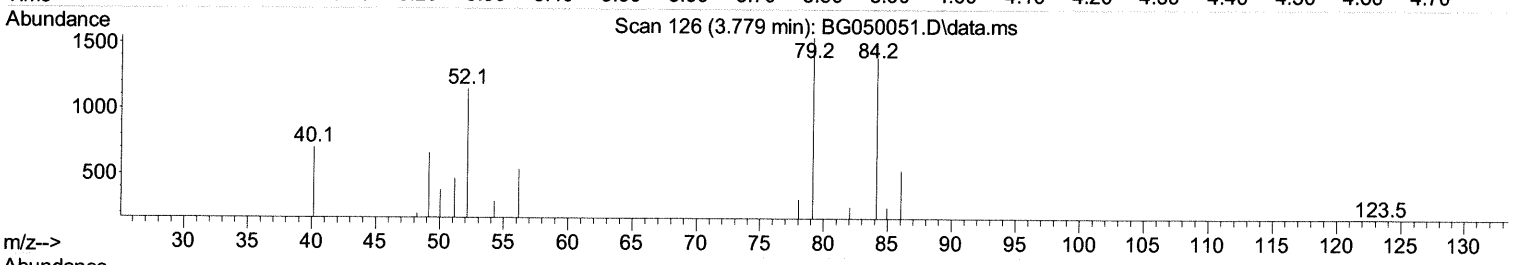

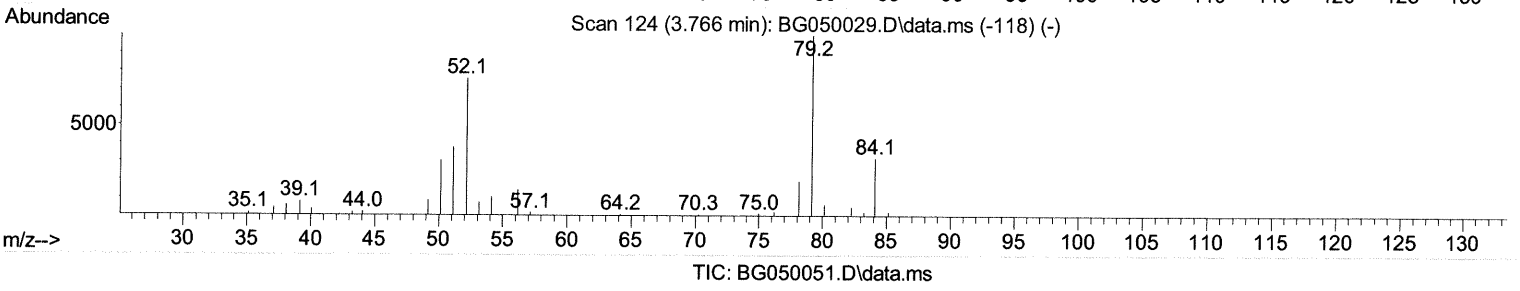

TIC: BG050051.D\data.ms

(5) Pyridine

3.779min (+ 0.013) 1.88 ng/ul

response 3354

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	76.40	74.37
51.00	43.50	30.23#
0.00	0.00	0.00

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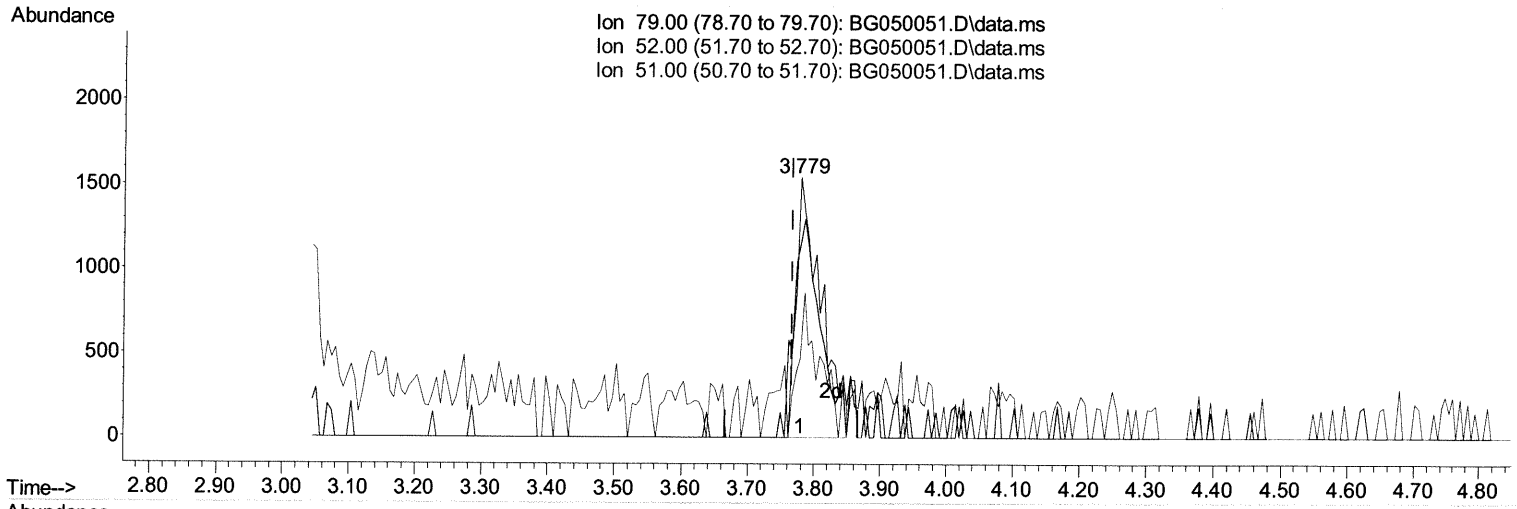

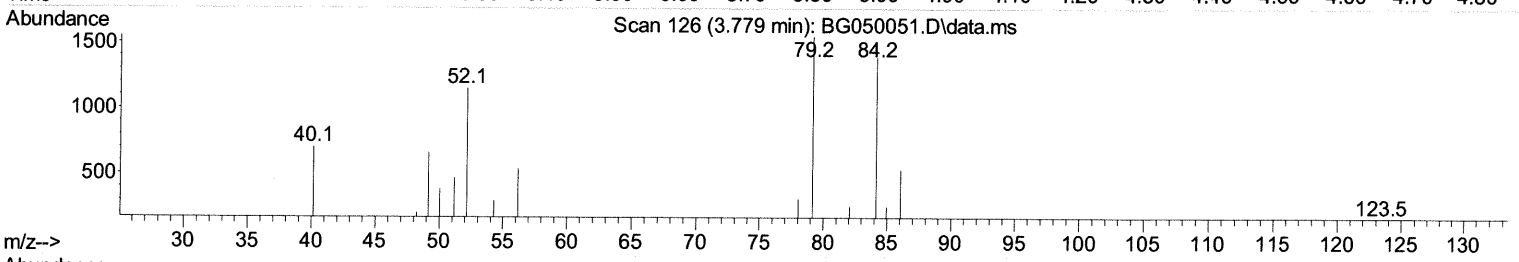

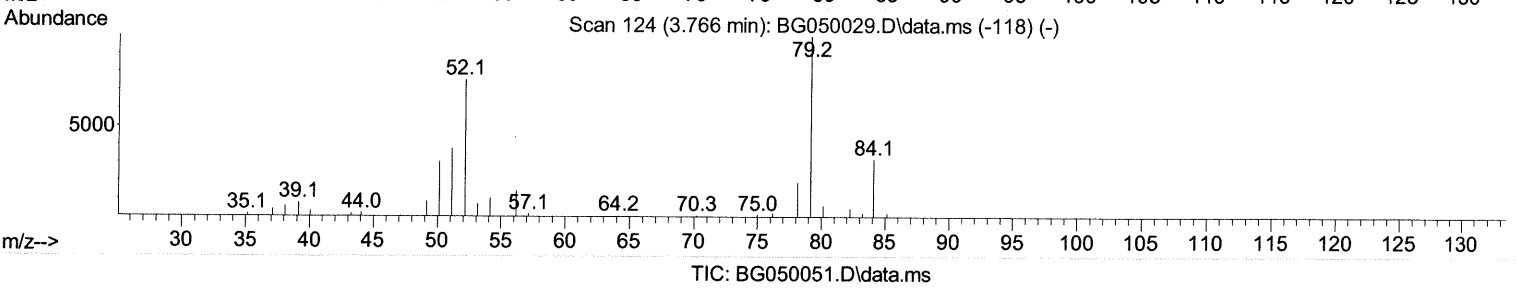

TIC: BG050051.D\data.ms

(5) Pyridine

3.779min (+ 0.013) 2.22 ng/ul m CG 9/6/21 JU

response 3951

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	76.40	74.37
51.00	43.50	30.23#
0.00	0.00	0.00

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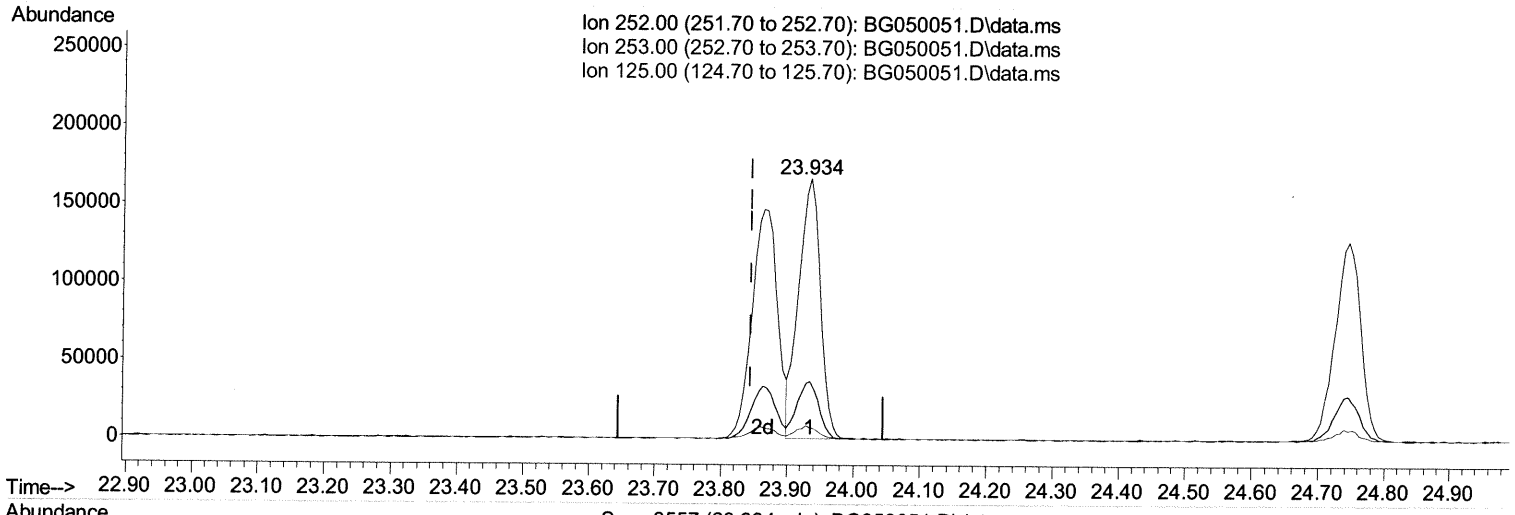

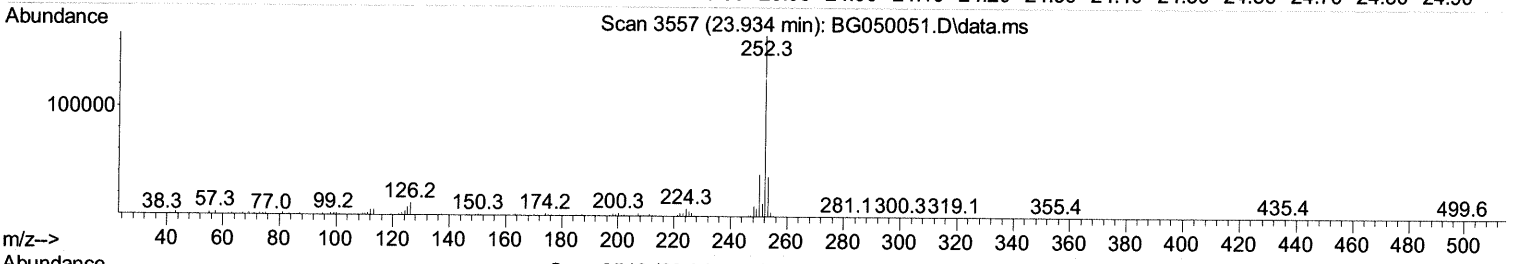

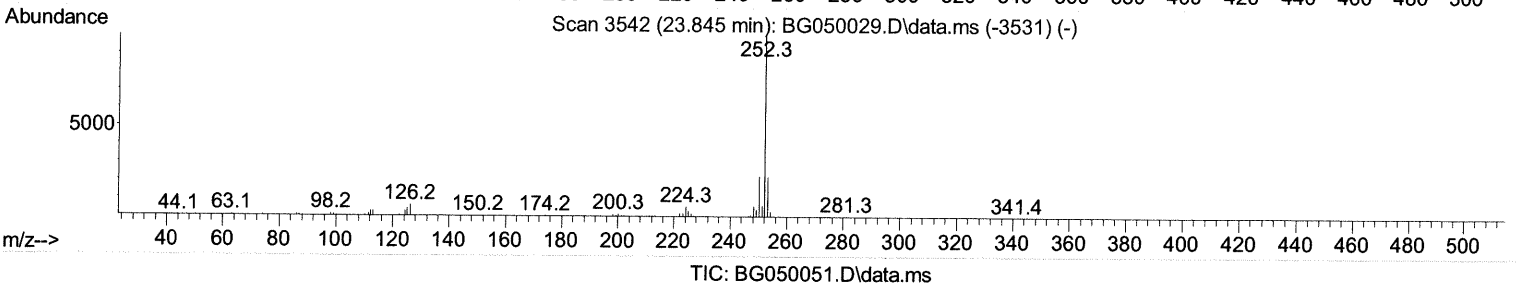

TIC: BG050051.D\data.ms

(90) Benzo(b)fluoranthene

23.934min (+ 0.089) 41.09 ng/ul

response 380476

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.10
125.00	4.20	4.48
0.00	0.00	0.00

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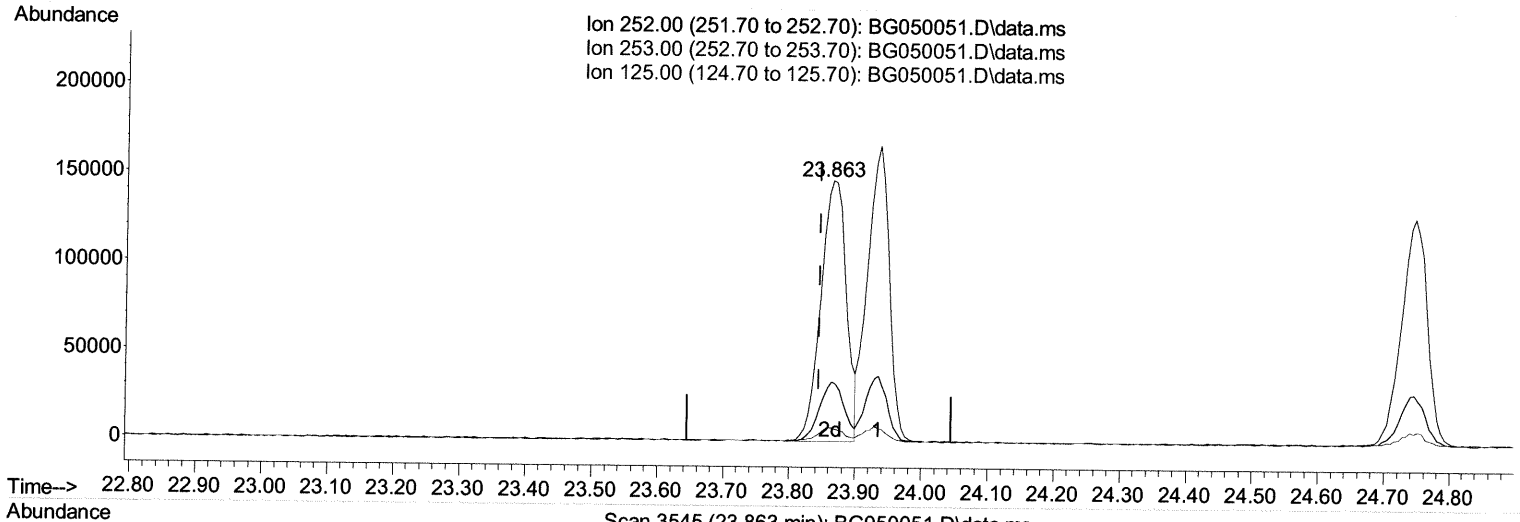

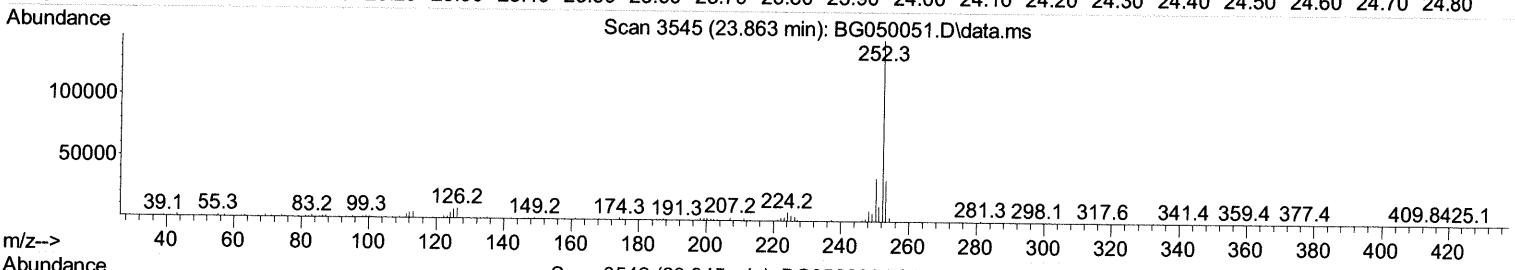

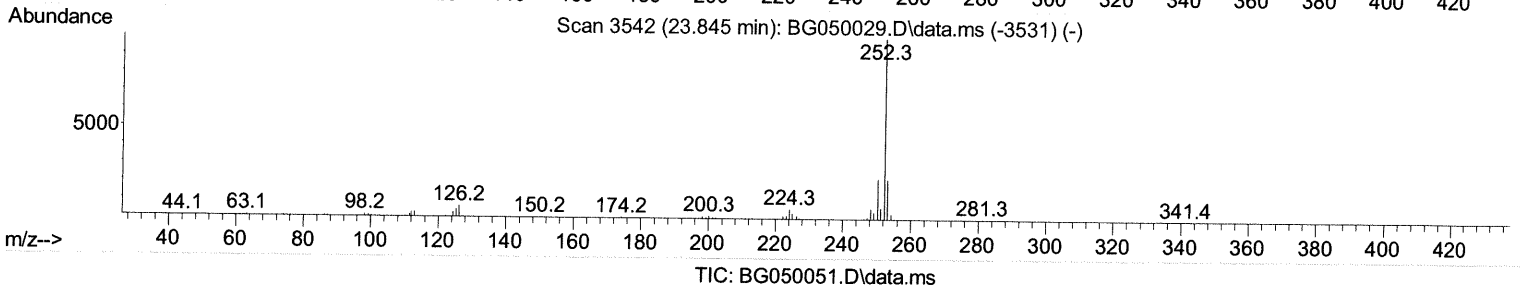

TIC: BG050051.D\data.ms

(90) Benzo(b)fluoranthene

23.863min (+ 0.019) 42.65 ng/ul m 09/01/21 JU

response 394885

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.81
125.00	4.20	5.10#
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	7.961	152	28236	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	115489	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.629	164	78433	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.384	188	164018	20.000	ng/ul	0.00
79) Chrysene-d12	21.660	240	137199	20.000	ng/ul	# 0.01
88) Perylene-d12	24.891	264	144752	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	2395	4.374	ng/uL	0.00
4) Pyridine-d5	3.767	84	3085	1.870	ng/ul	0.02
7) Phenol-d5	7.133	99	16251	6.778	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.280	67	39639	29.757	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	43111	24.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.690	113	30136	15.959	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	30240	33.774	ng/ul	0.00
24) 2-Nitrophenol-d4	9.865	143	34066	31.953	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.417	165	60200	31.658	ng/ul	0.01
31) 4-Chloroaniline-d4	10.922	131	53581	20.702	ng/ul	0.00
46) Dimethylphthalate-d6	14.024	166	222679	37.097	ng/ul	0.00
49) Acenaphthylene-d8	14.323	160	266129	37.813	ng/ul	0.00
54) 4-Nitrophenol-d4	14.864	143	6384	7.351	ng/ul	0.02
60) Fluorene-d10	15.622	176	194496	38.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	33553	31.798	ng/ul	0.00
73) Anthracene-d10	17.484	188	293801	39.890	ng/ul	0.00
81) Pyrene-d10	19.775	212	314540	42.424	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.674	264	295248	38.446	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.344	88	3100m	4.644	ng/uL	09/01/21 JU
5) Pyridine	3.779	79	3951m	2.216	ng/ul	
6) Benzaldehyde	7.098	77	59267	42.954	ng/ul	94
8) Phenol	7.162	94	20684	8.541	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.380	93	53745	32.147	ng/ul	98
12) 2-Chlorophenol	7.527	128	49494	27.919	ng/ul#	87
13) 2-Methylphenol	8.425	108	37593	20.120	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.496	45	56217	32.067	ng/ul	97
16) Acetophenone	8.790	105	107286	34.839	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.772	70	52956	34.247	ng/ul	98
18) 4-Methylphenol	8.748	108	34841	17.333	ng/ul	95
19) Hexachloroethane	9.048	117	26893	34.663	ng/ul	91
22) Nitrobenzene	9.177	77	89028	36.696	ng/ul	98
23) Isophorone	9.700	82	155198	35.903	ng/ul	97
25) 2-Nitrophenol	9.894	139	35544	34.291	ng/ul	95
26) 2,4-Dimethylphenol	9.959	107	65155	28.284	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.182	93	76517	34.279	ng/ul	97
29) 2,4-Dichlorophenol	10.440	162	63338	36.290	ng/ul	99
30) Naphthalene	10.834	128	340388	58.968	ng/ul	98
32) 4-Chloroaniline	10.946	127	58692	23.546	ng/ul	91
33) Hexachlorobutadiene	11.110	225	48191	34.131	ng/ul	94
34) Caprolactam	11.727	113	3131	5.121	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.085	107	72152	34.590	ng/ul	95

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mohammad
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.449	142	163473	38.097 ng/ul	95
37) 1-Methylnaphthalene	12.667	142	183768	42.428 ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.819	216	92241	40.040 ng/ul#	96
40) Hexachlorocyclopentadiene	12.790	237	7368	7.146 ng/ul#	84
41) 2,4,6-Trichlorophenol	13.066	196	61061	41.593 ng/ul	95
42) 2,4,5-Trichlorophenol	13.148	196	66994	43.541 ng/ul	96
43) 1,1'-Biphenyl	13.454	154	228533	41.706 ng/ul	100
44) 2-Chloronaphthalene	13.501	162	174028	39.539 ng/ul	97
45) 2-Nitroaniline	13.712	65	63124	42.241 ng/ul	94
47) Dimethylphthalate	14.071	163	273352	46.015 ng/ul	99
48) 2,6-Dinitrotoluene	14.206	165	54433	44.382 ng/ul	97
50) Acenaphthylene	14.353	152	271899	42.269 ng/ul	97
51) 3-Nitroaniline	14.541	138	45080	38.091 ng/ul	94
52) Acenaphthene	14.693	153	258504	55.399 ng/ul	98
53) 2,4-Dinitrophenol	14.764	184	18211	29.072 ng/ul	93
55) 4-Nitrophenol	14.881	109	8132	7.385 ng/ul	92
56) Dibenzofuran	15.028	168	310526	48.055 ng/ul	99
57) 2,4-Dinitrotoluene	15.005	165	77798	44.099 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	58305	45.729 ng/ul#	97
59) Diethylphthalate	15.434	149	254885	41.942 ng/ul	98
61) Fluorene	15.680	166	259699	47.635 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.663	204	120562	41.796 ng/ul	96
63) 4-Nitroaniline	15.704	138	47073	39.858 ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.774	198	31962	33.417 ng/ul	94
67) N-Nitrosodiphenylamine	15.880	169	198977	46.079 ng/ul	95
68) 4-Bromophenyl-phenylether	16.561	248	88409	48.726 ng/ul	94
69) Hexachlorobenzene	16.691	284	94991	45.338 ng/ul	97
70) Atrazine	16.832	200	72968	38.036 ng/ul	95
71) Pentachlorophenol	17.043	266	41177	46.413 ng/ul	96
72) Phenanthrene	17.425	178	383684	46.924 ng/ul	98
74) Anthracene	17.519	178	368122	44.427 ng/ul#	93
75) 1,2,3,4-Tetrachloroben...	13.425	216	98580	44.798 ng/uL	90
76) Pentachlorobenzene	14.952	250	109581	46.996 ng/uL	97
77) Carbazole	17.789	167	374253	50.758 ng/ul	97
78) Di-n-butylphthalate	18.330	149	400522	42.473 ng/ul	98
80) Fluoranthene	19.440	202	422872	46.221 ng/ul	98
82) Pyrene	19.804	202	413783	45.642 ng/ul	99
83) Butylbenzylphthalate	20.674	149	158338	44.257 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.549	252	107647	33.099 ng/ul#	98
85) Benzo(a)anthracene	21.643	228	378275	44.248 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.525	149	217688	44.306 ng/ul	97
87) Chrysene	21.707	228	363121	44.934 ng/ul	96
89) Di-n-octyl phthalate	22.730	149	365080	42.515 ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	394885m	42.648 ng/ul	100
91) Benzo(k)fluoranthene	23.934	252	380814	43.268 ng/ul	100
93) Benzo(a)pyrene	24.744	252	347535	43.219 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.604	276	456461	43.033 ng/ul#	98
95) Dibenzo(a,h)anthracene	28.657	278	382021	43.021 ng/ul	98
96) Benzo(g,h,i)perylene	29.761	276	357770	40.119 ng/ul#	98

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