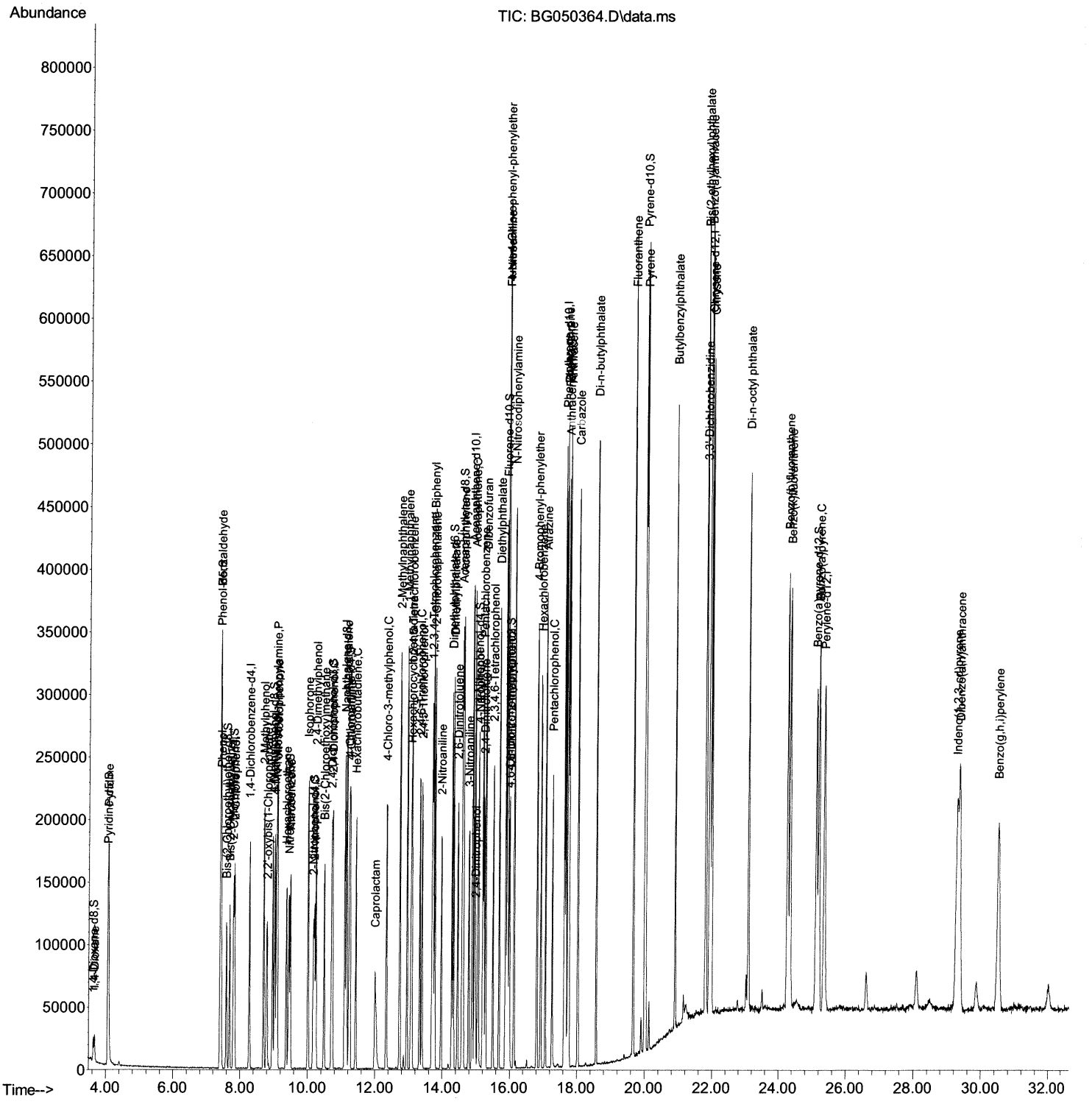
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050364.D
Acq On : 1 Oct 2021 20:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 02 00:25:01 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
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:50:54 AM



Quantitation Report (Qedit)

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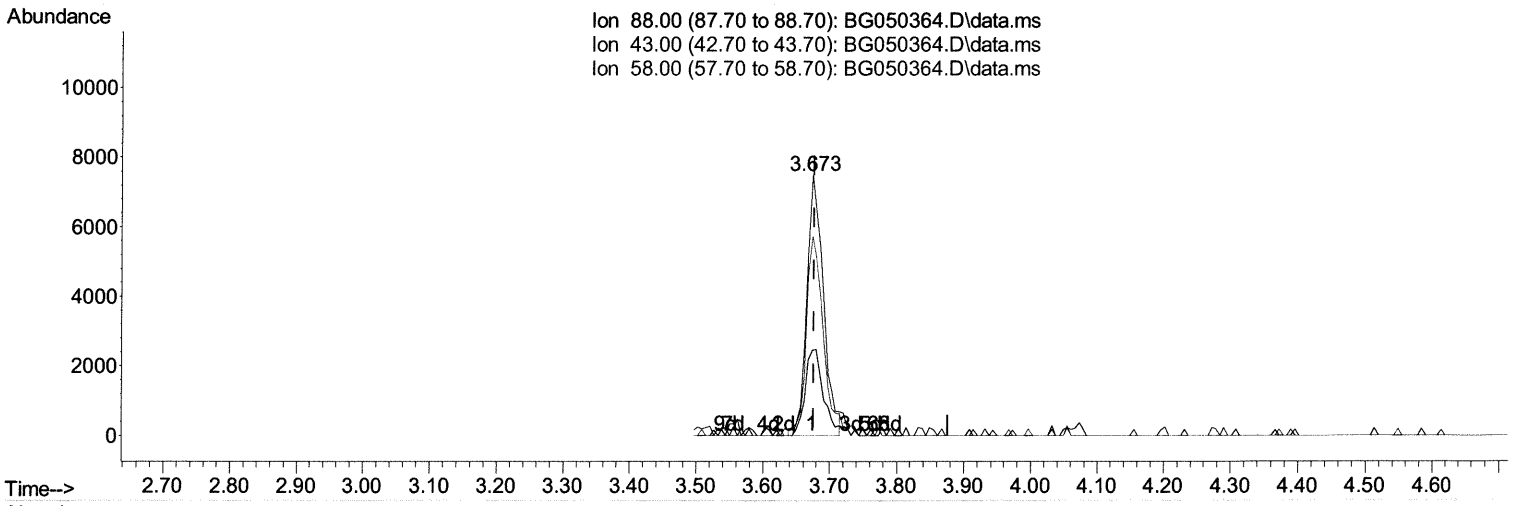

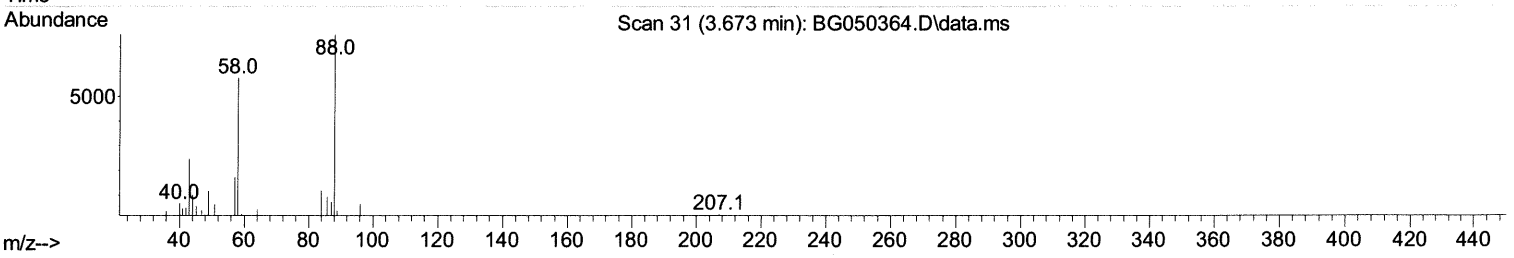

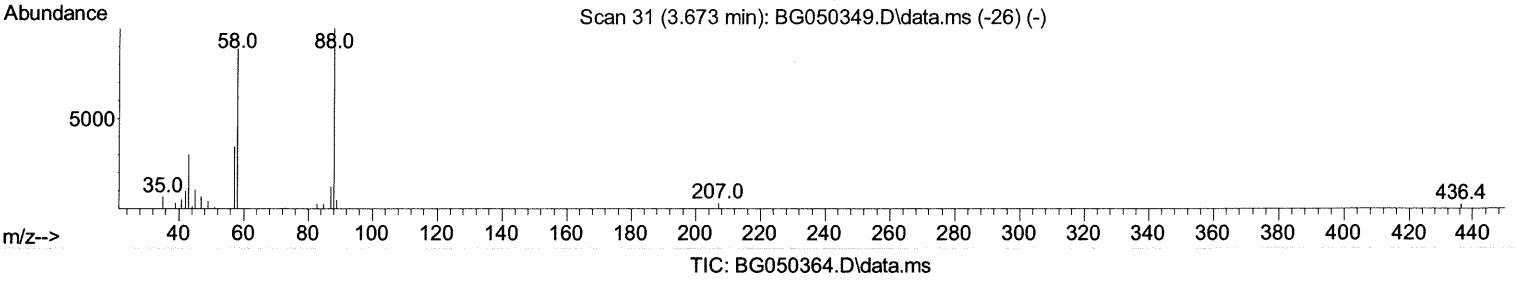

TIC: BG050364.D\data.ms

(2) 1,4-Dioxane

3.673min (-0.003) 7.88 ng/uL

response 12930

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	32.74
58.00	67.10	76.64
0.00	0.00	0.00

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mohammad
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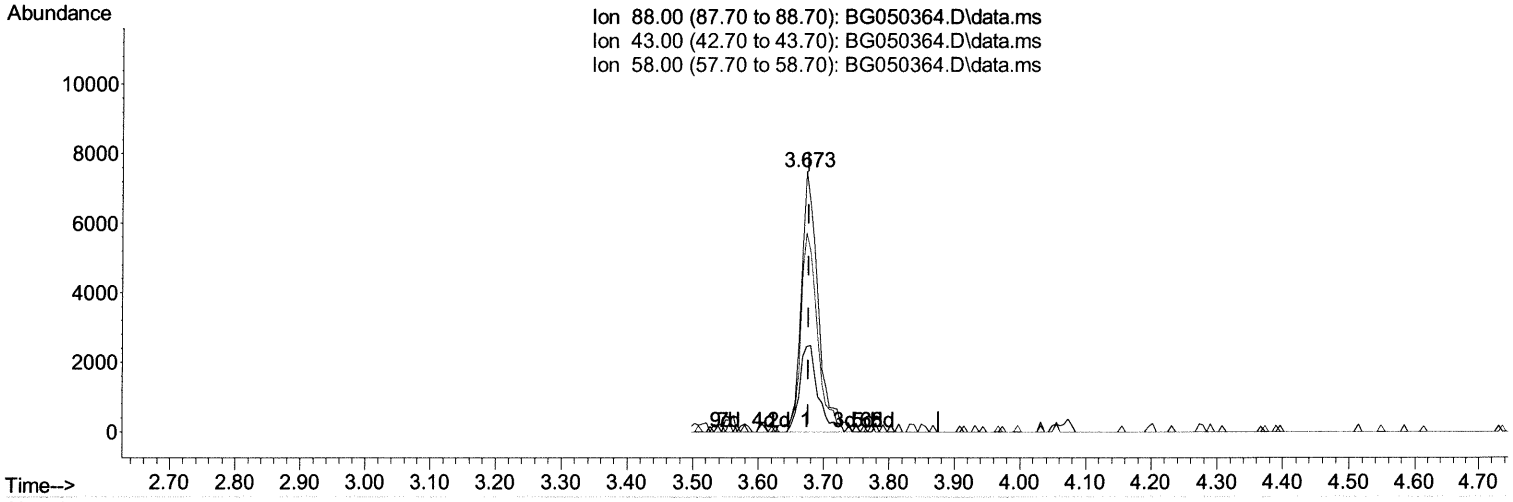

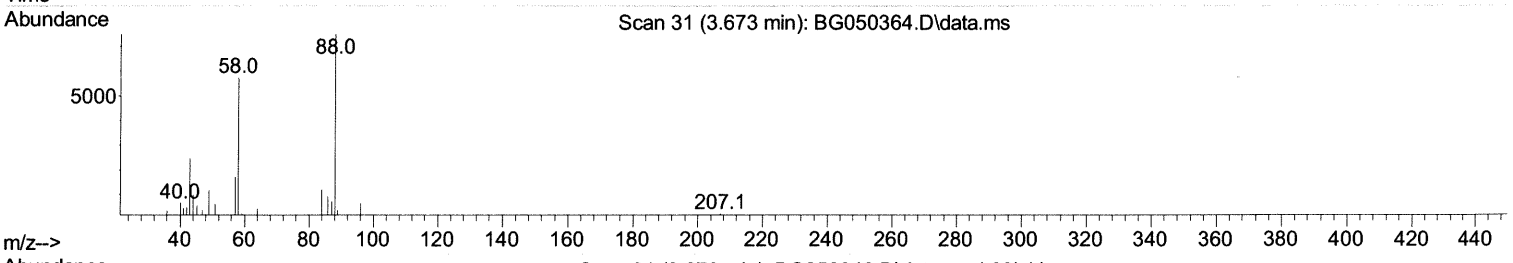

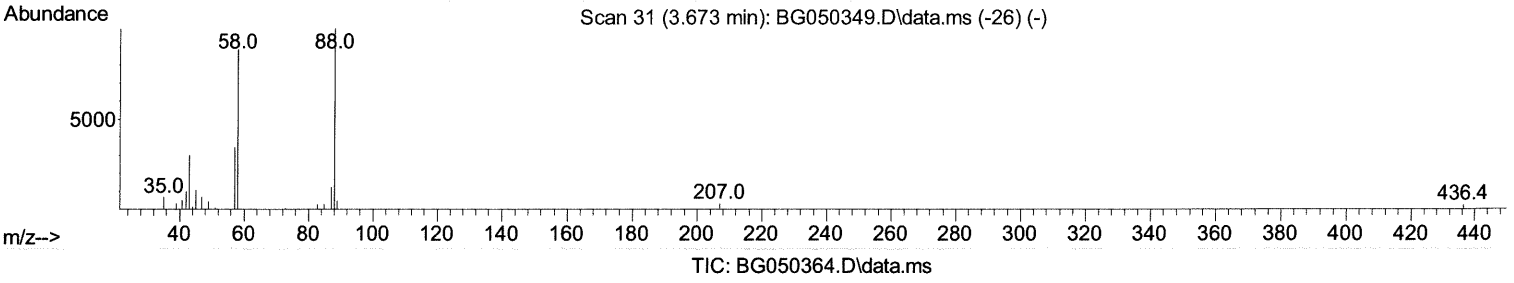

TIC: BG050364.D\data.ms

(2) 1,4-Dioxane

3.673min (-0.003) 8.25 ng/uL m 10/05/21 JU

response 13547

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	32.74
58.00	67.10	76.64
0.00	0.00	0.00

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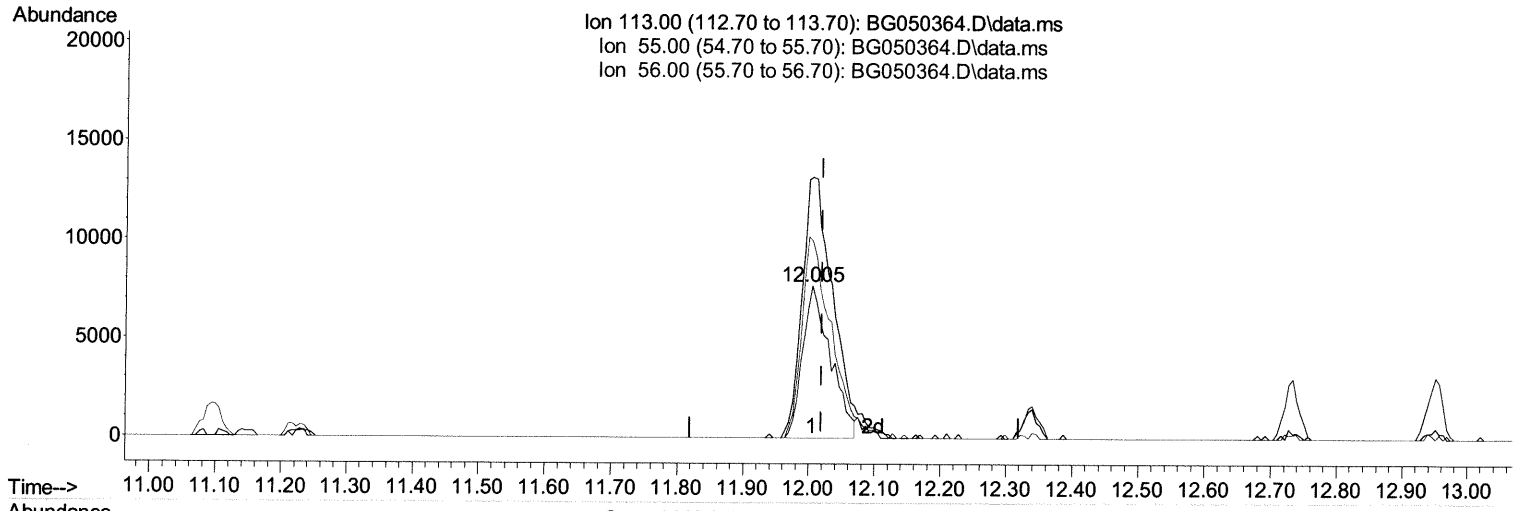

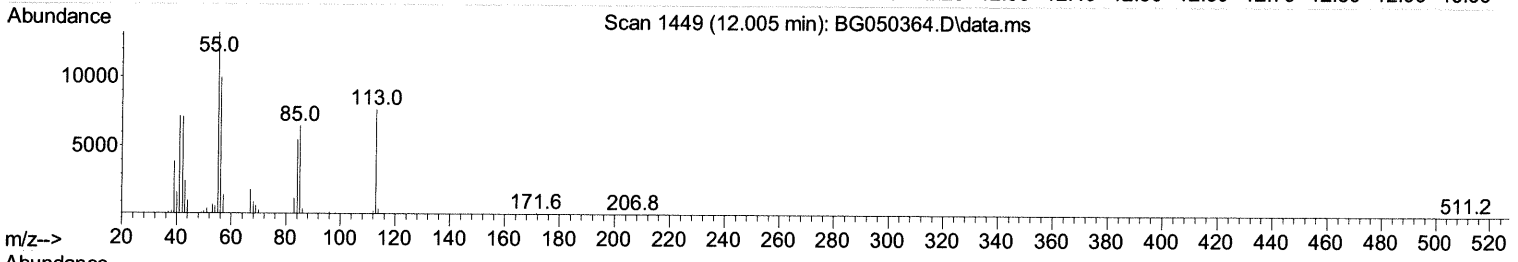

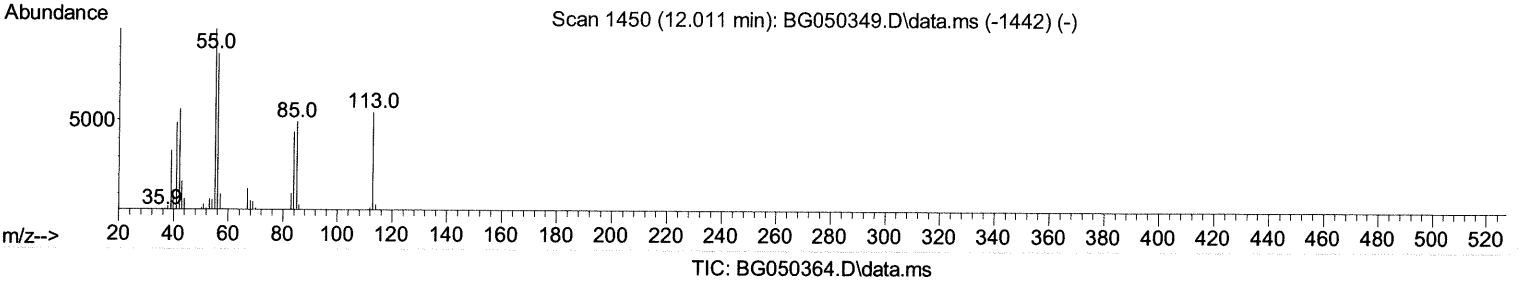

TIC: BG050364.D\data.ms

(34) Caprolactam

12.005min (-0.014) 19.33 ng/ul

response 22753

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	171.63
56.00	132.30	129.89
0.00	0.00	0.00

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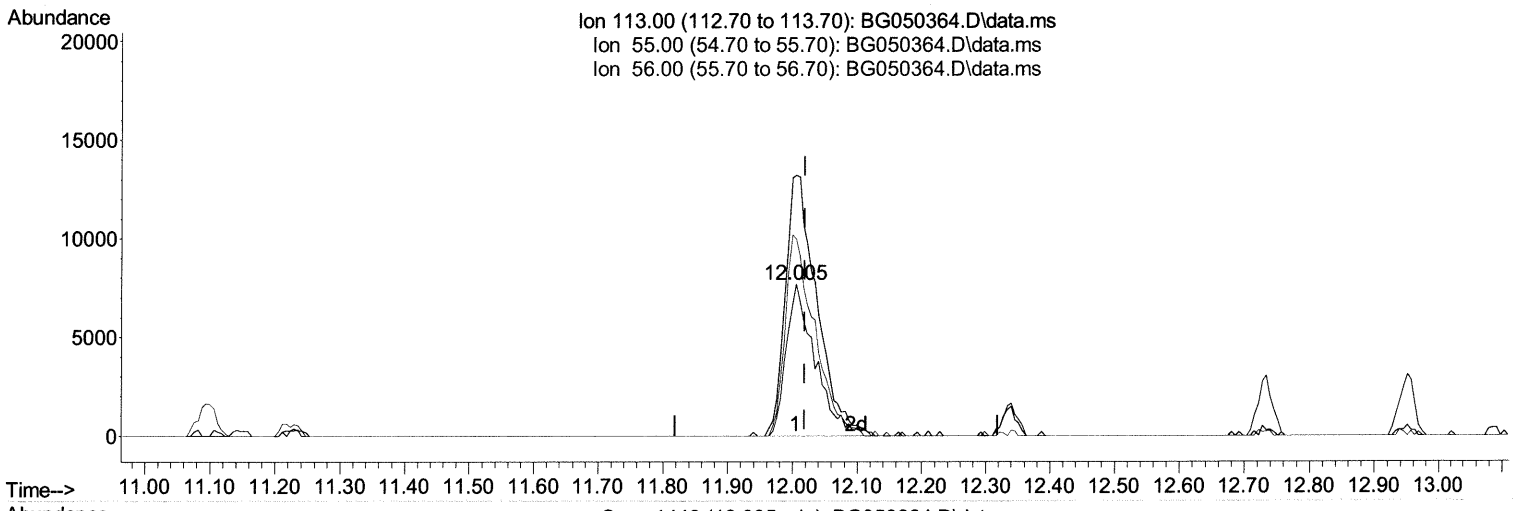

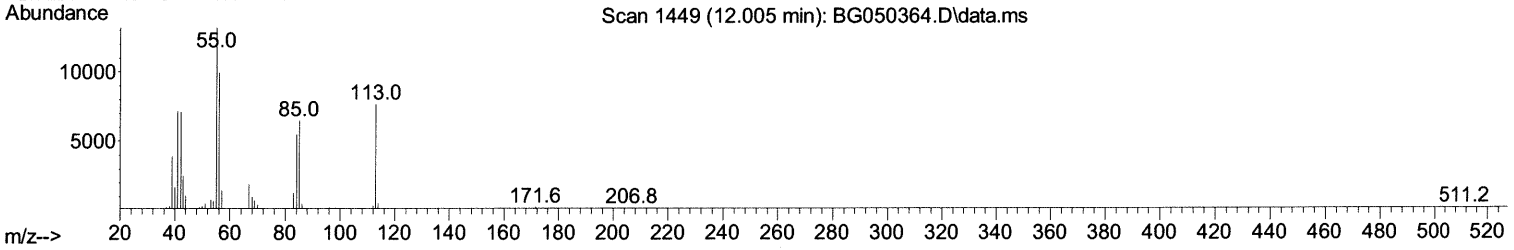

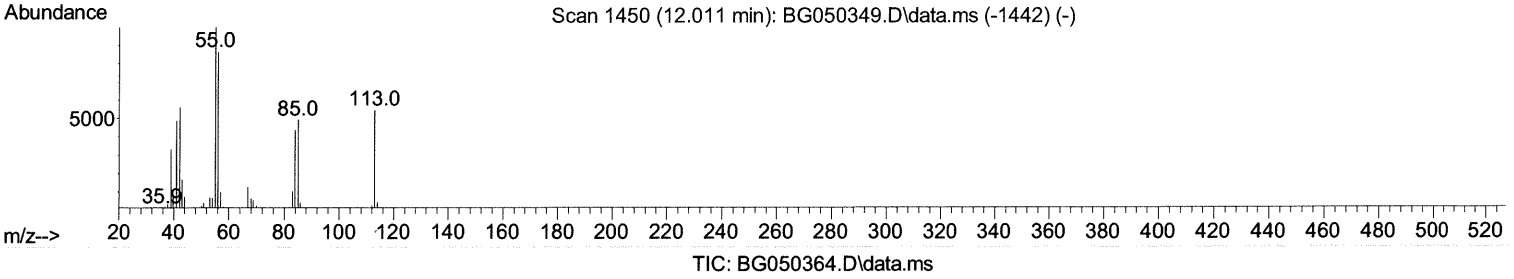

TIC: BG050364.D\data.ms

(34) Caprolactam

12.005min (-0.014) 20.22 ng/ul m 10/05/21 JU

response 23800

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	171.63
56.00	132.30	129.89
0.00	0.00	0.00

Quantitation Report (Qedit)

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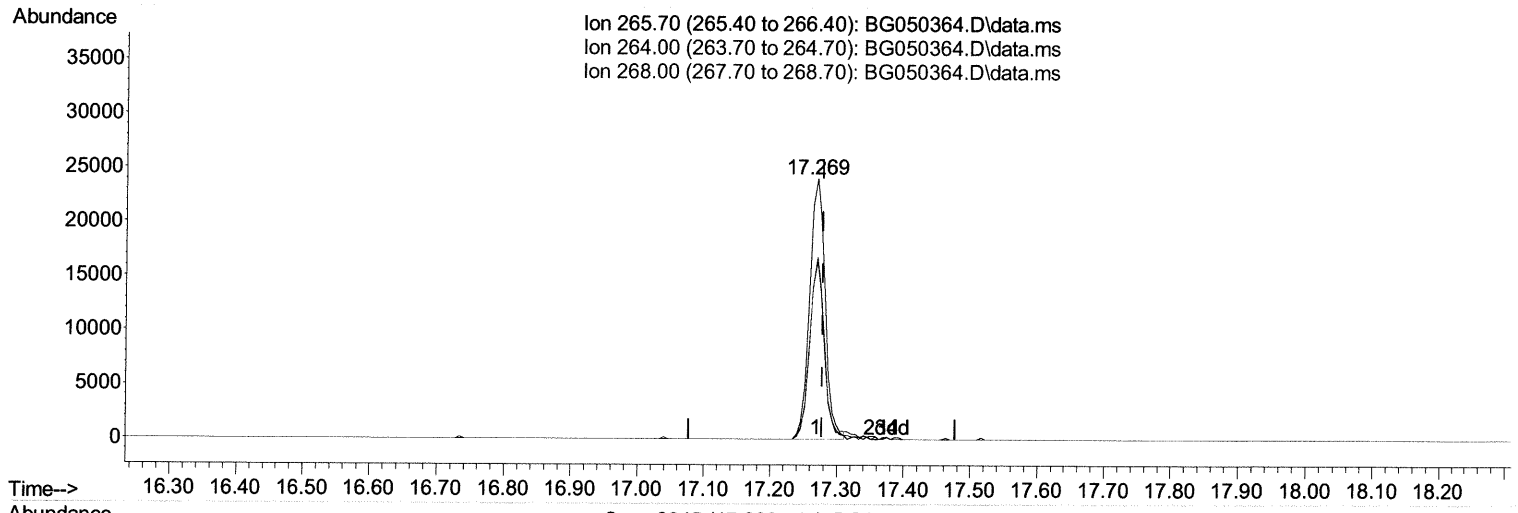

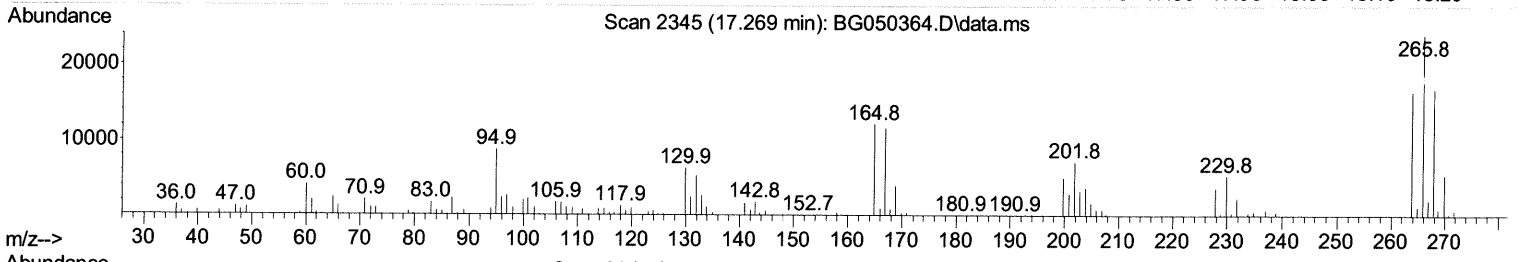

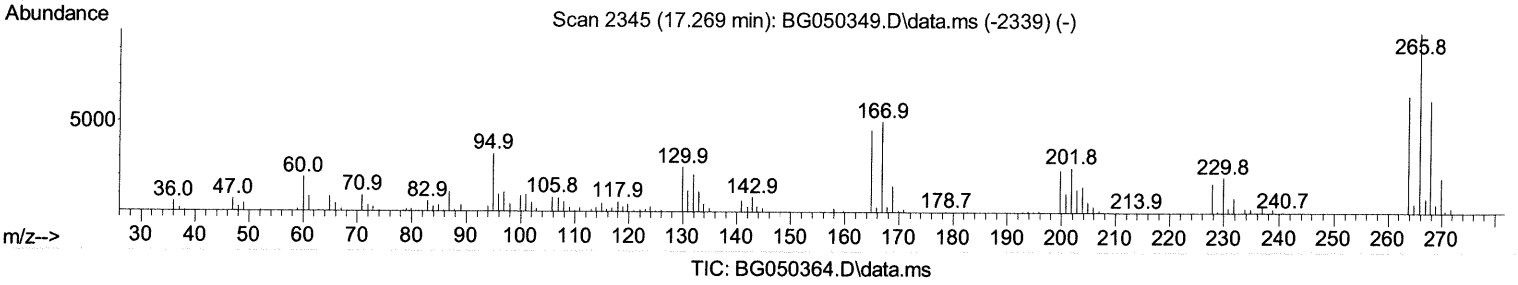

TIC: BG050364.D\data.ms

(71) Pentachlorophenol (C)

17.269min (-0.008) 19.52 ng/ul

response 38875

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.70	68.59
268.00	63.90	73.99
0.00	0.00	0.00

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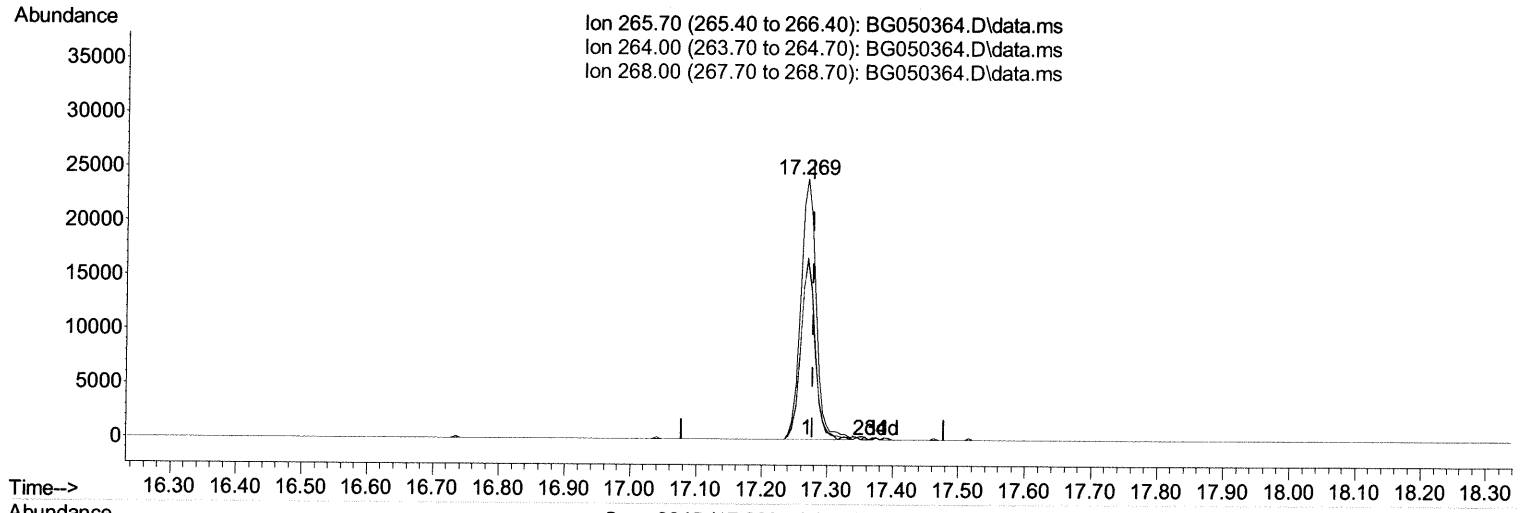

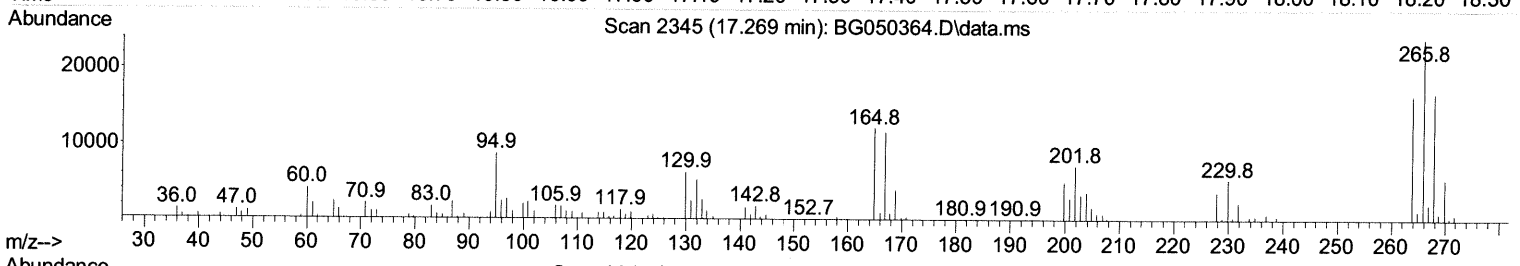

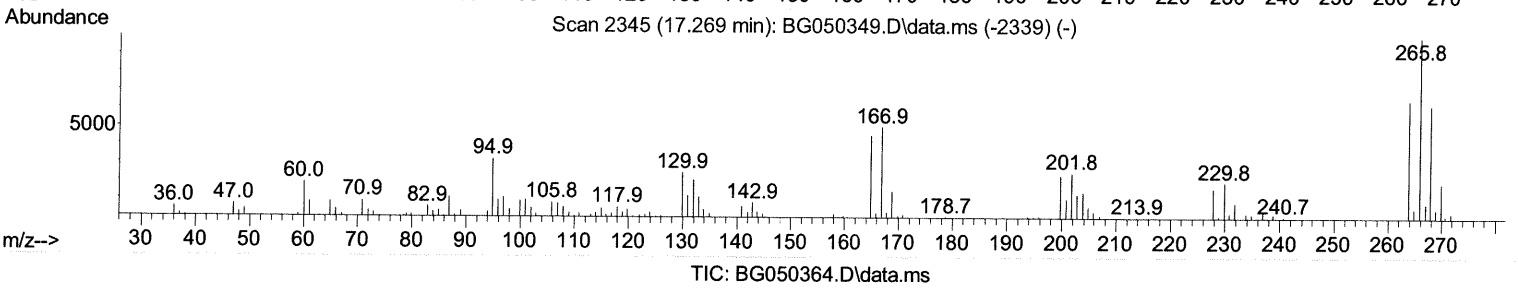

TIC: BG050364.D\data.ms

(71) Pentachlorophenol (C)

17.269min (-0.008) 19.82 ng/ul m 10/05/21 JU

response 39476

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.70	68.59
268.00	63.90	69.96
0.00	0.00	0.00

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10/4/2021 11:50:54 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	49859	20.000	ng/ul	0.00
20) Naphthalene-d8	11.094	136	207573	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.889	164	134500	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.633	188	310249	20.000	ng/ul	0.00
79) Chrysene-d12	21.934	240	284214	20.000	ng/ul	-0.01
88) Perylene-d12	25.348	264	281518	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.638	96	11174	8.234	ng/uL	0.00
4) Pyridine-d5	4.061	84	84259	20.836	ng/ul	0.00
7) Phenol-d5	7.398	99	92152	21.154	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.586	67	59654	21.759	ng/ul	0.00
11) 2-Chlorophenol-d4	7.792	132	64780	21.224	ng/ul	0.00
15) 4-Methylphenol-d8	8.961	113	69515	21.083	ng/ul	0.00
21) Nitrobenzene-d5	9.443	128	33083	22.783	ng/ul	0.00
24) 2-Nitrophenol-d4	10.166	143	34807	22.334	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.700	165	64205	20.863	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	89927	20.455	ng/ul	0.00
46) Dimethylphthalate-d6	14.284	166	197038	21.406	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	249313	21.567	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	36206	20.422	ng/ul	0.00
60) Fluorene-d10	15.876	176	176263	21.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	31204	20.165	ng/ul	0.00
73) Anthracene-d10	17.727	188	275573	21.025	ng/ul	0.00
81) Pyrene-d10	20.001	212	319121	21.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.113	264	298533	21.089	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	13547m	> 8.251	ng/uL	> 10/05/21 JU
5) Pyridine	4.084	79	87050	21.251	ng/ul	98
6) Benzaldehyde	7.404	77	71187	24.779	ng/ul	98
8) Phenol	7.428	94	96718	21.661	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.680	93	72874	21.759	ng/ul	98
12) 2-Chlorophenol	7.827	128	67293	21.549	ng/ul	97
13) 2-Methylphenol	8.697	108	69334	21.071	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.797	45	112396	22.368	ng/ul	98
16) Acetophenone	9.096	105	111634	21.309	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.073	70	68272	21.685	ng/ul	95
18) 4-Methylphenol	9.026	108	73756	21.165	ng/ul	97
19) Hexachloroethane	9.366	117	28155	20.978	ng/ul	95
22) Nitrobenzene	9.484	77	96485	22.170	ng/ul	97
23) Isophorone	10.007	82	178235	21.310	ng/ul	98
25) 2-Nitrophenol	10.195	139	37490	23.406	ng/ul	96
26) 2,4-Dimethylphenol	10.242	107	83699	21.051	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.483	93	96907	21.461	ng/ul	98
29) 2,4-Dichlorophenol	10.730	162	63781	20.934	ng/ul	96
30) Naphthalene	11.147	128	221019	20.740	ng/ul	99
32) 4-Chloroaniline	11.247	127	89006	20.109	ng/ul	98
33) Hexachlorobutadiene	11.423	225	45151	20.392	ng/ul	94
34) Caprolactam	12.005	113	23800m	> 20.219	ng/ul	> 10/05/21 JU
35) 4-Chloro-3-methylphenol	12.334	107	75747	21.087	ng/ul	97

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10/4/2021 11:50:54 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.733	142	148230	20.459	ng/ul	94
37) 1-Methylnaphthalene	12.950	142	149877	20.548	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.091	216	85272	21.969	ng/ul	97
40) Hexachlorocyclopentadiene	13.068	237	51841	20.140	ng/ul	90
41) 2,4,6-Trichlorophenol	13.321	196	54479	22.269	ng/ul	96
42) 2,4,5-Trichlorophenol	13.391	196	58561	21.882	ng/ul	98
43) 1,1'-Biphenyl	13.726	154	199349	22.024	ng/ul	97
44) 2-Chloronaphthalene	13.773	162	155519	21.931	ng/ul	99
45) 2-Nitroaniline	13.967	65	55332	23.834	ng/ul	97
47) Dimethylphthalate	14.331	163	195501	21.109	ng/ul	98
48) 2,6-Dinitrotoluene	14.449	165	40387	23.183	ng/ul	87
50) Acenaphthylene	14.613	152	254983	21.746	ng/ul	98
51) 3-Nitroaniline	14.784	138	43156	22.773	ng/ul#	92
52) Acenaphthene	14.954	153	166752	21.517	ng/ul	97
53) 2,4-Dinitrophenol	14.978	184	20824	19.177	ng/ul	95
55) 4-Nitrophenol	15.066	109	37413	21.341	ng/ul	96
56) Dibenzofuran	15.283	168	240335	21.323	ng/ul	98
57) 2,4-Dinitrotoluene	15.230	165	56777	22.444	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.500	232	47399	20.596	ng/ul	95
59) Diethylphthalate	15.683	149	204413	21.153	ng/ul	97
61) Fluorene	15.929	166	187388	20.897	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.918	204	101331	20.866	ng/ul	96
63) 4-Nitroaniline	15.935	138	41817	21.851	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.988	198	30223	19.758	ng/ul#	90
67) N-Nitrosodiphenylamine	16.129	169	170163	21.692	ng/ul	97
68) 4-Bromophenyl-phenylether	16.811	248	60297	20.875	ng/ul	90
69) Hexachlorobenzene	16.928	284	63175	20.770	ng/ul	96
70) Atrazine	17.069	200	70187	21.014	ng/ul	94
71) Pentachlorophenol	17.269	266	39476m	19.818	ng/ul	10/05/21 JU
72) Phenanthrene	17.674	178	322397	20.818	ng/ul	98
74) Anthracene	17.762	178	325293	21.209	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.691	216	88521	21.642	ng/uL	91
76) Pentachlorobenzene	15.201	250	80973	21.669	ng/uL	96
77) Carbazole	18.027	167	297875	21.698	ng/ul	98
78) Di-n-butylphthalate	18.573	149	353009	21.700	ng/ul	99
80) Fluoranthene	19.666	202	405303	21.356	ng/ul	99
82) Pyrene	20.030	202	399965	21.371	ng/ul	98
83) Butylbenzylphthalate	20.906	149	154180	22.351	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.817	252	129676	22.137	ng/ul	99
85) Benzo(a)anthracene	21.911	228	363852	21.236	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.793	149	220251	22.219	ng/ul	96
87) Chrysene	21.981	228	345211	21.024	ng/ul	98
89) Di-n-octyl phthalate	23.080	149	370583	22.909	ng/ul	100
90) Benzo(b)fluoranthene	24.255	252	363274	21.186	ng/ul	98
91) Benzo(k)fluoranthene	24.331	252	330586	20.719	ng/ul	99
93) Benzo(a)pyrene	25.195	252	343799	21.014	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.278	276	379525	20.661	ng/ul	96
95) Dibenzo(a,h)anthracene	29.349	278	324257	20.743	ng/ul	98
96) Benzo(g,h,i)perylene	30.506	276	314837	20.332	ng/ul	97

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