

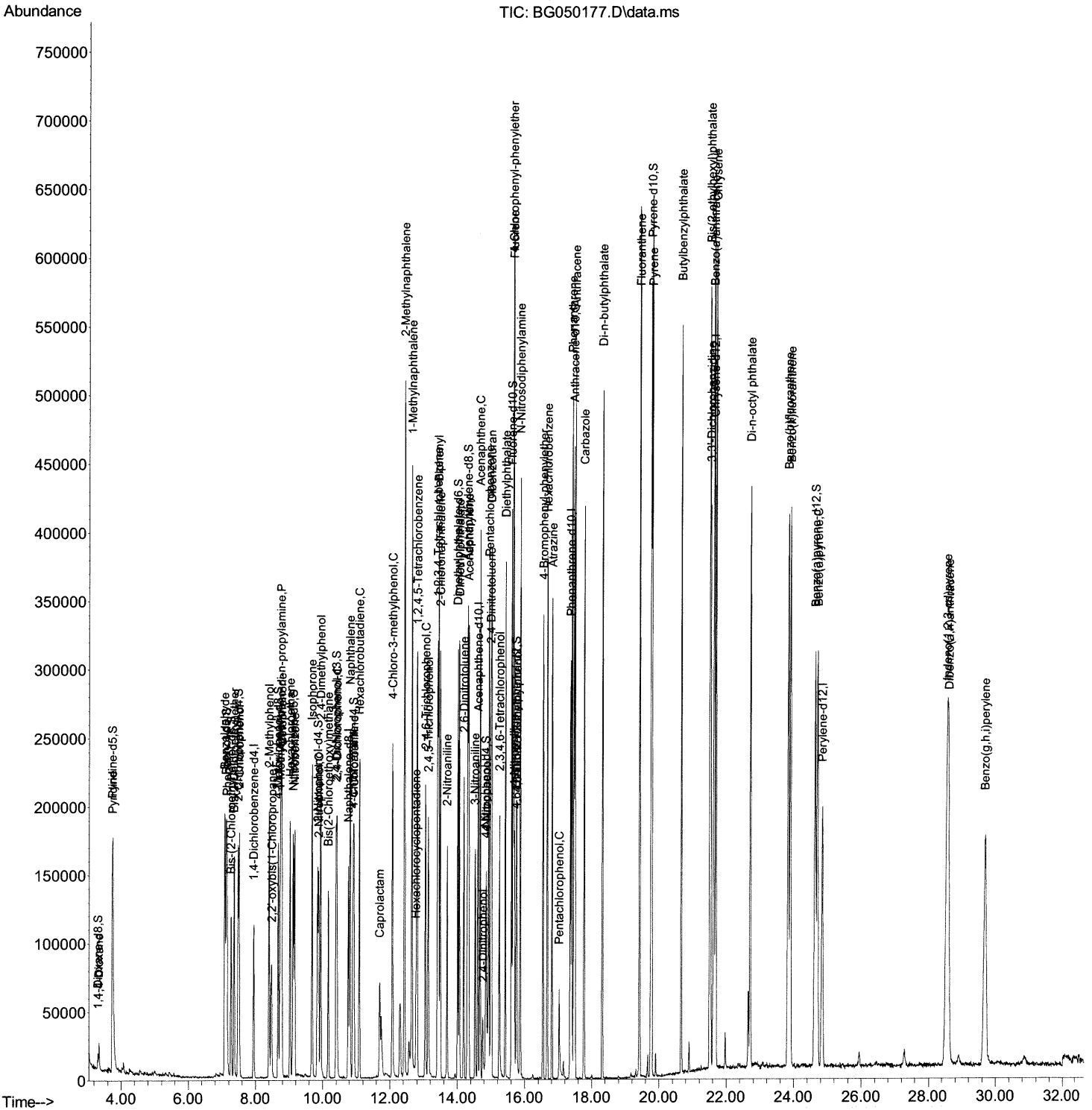
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050177.D
 Acq On : 7 Sep 2021 22:43
 Operator : CG/JU
 Sample : PB138843BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 SLCS843

Manual Integrations
 APPROVED

mohammad
 9/9/2021 8:39:43 AM

Quant Time: Sep 08 01:50:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration



Quantitation Report (Qedit)

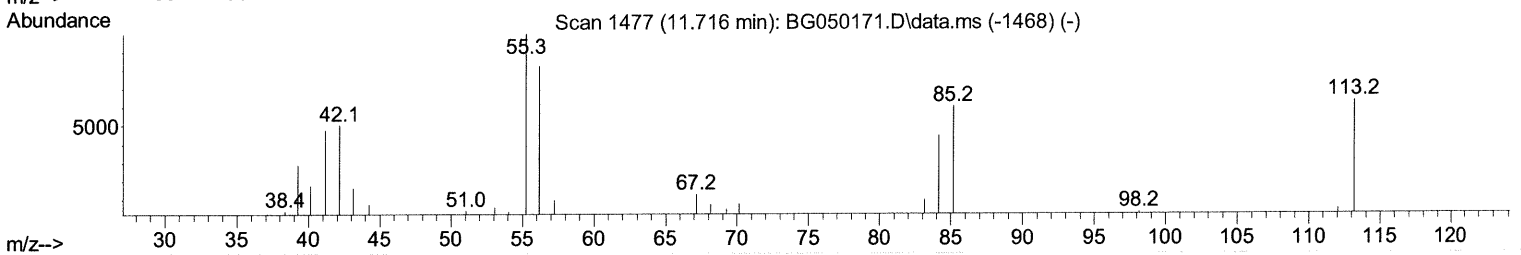
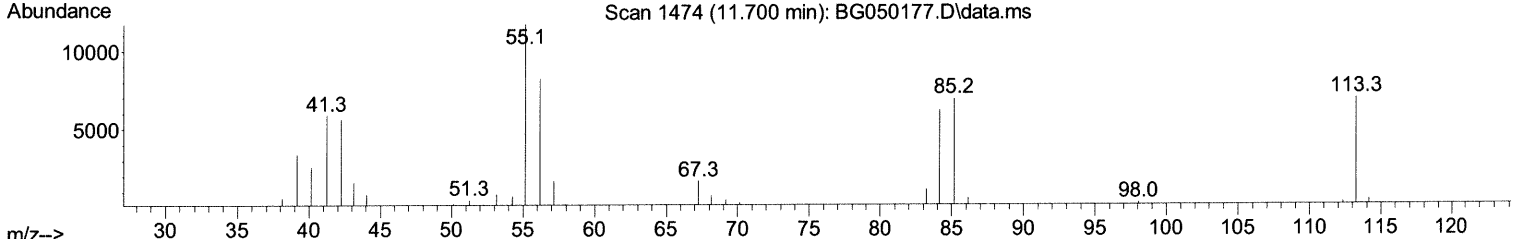
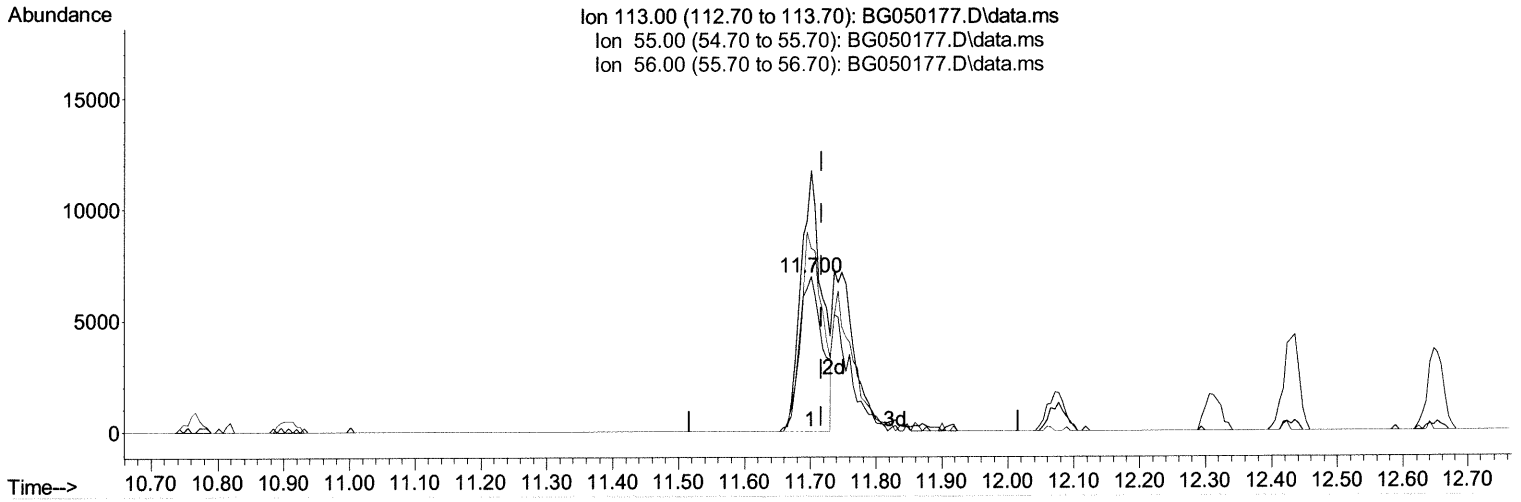
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TIC: BG050177.D\data.ms

(34) Caprolactam

11.700min (-0.016) 29.06 ng/ul

response 16742

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	168.70
56.00	134.20	118.52
0.00	0.00	0.00

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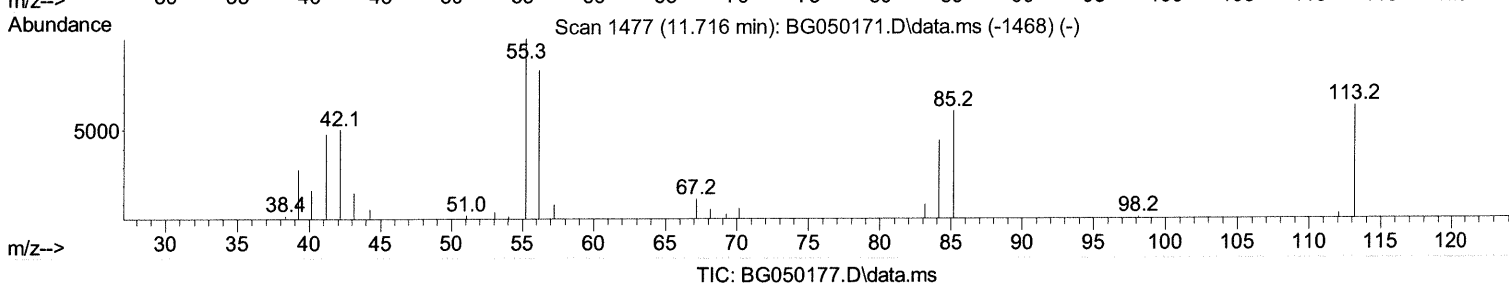
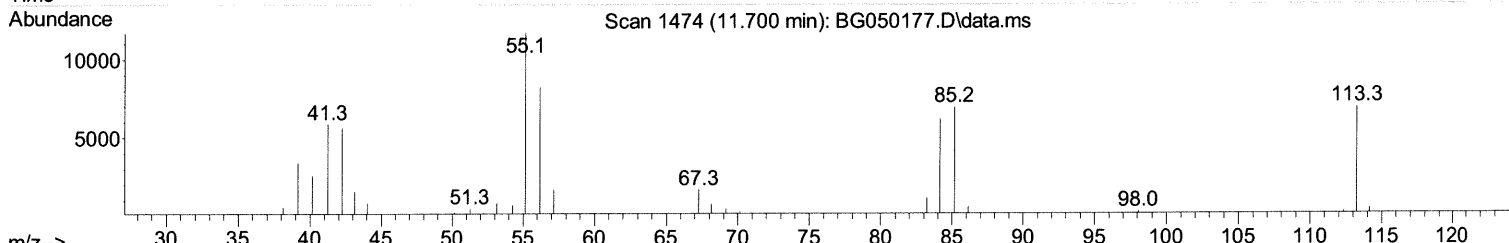
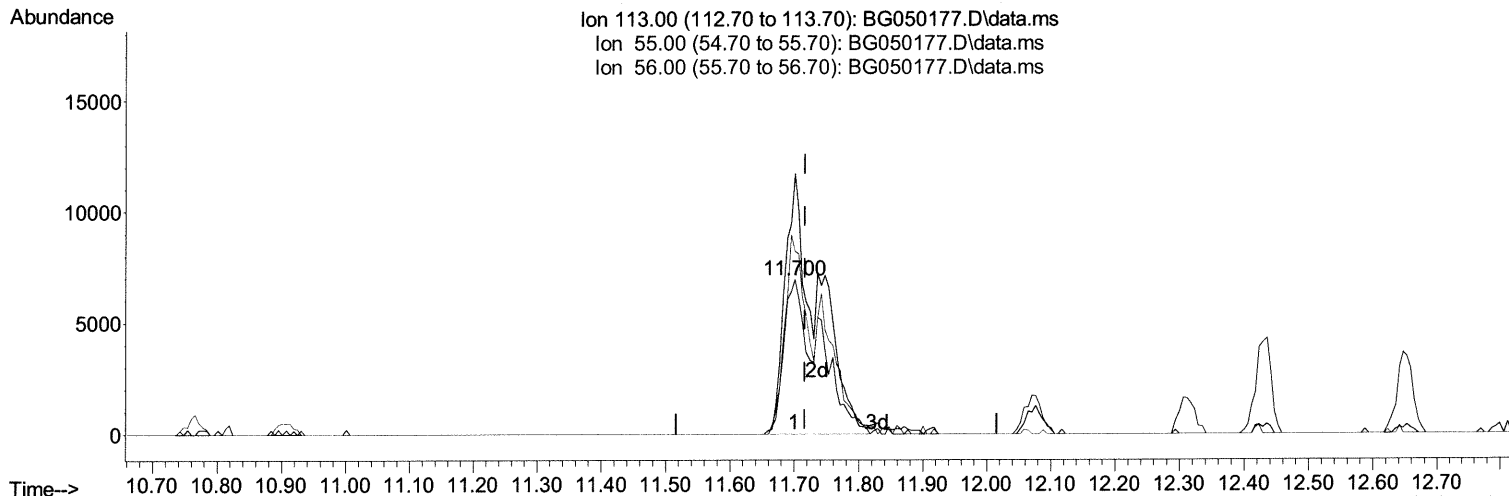
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TIC: BG050177.D\data.ms

(34) Caprolactam

11.700min (-0.016) 46.45 ng/ul m *Og/b/alju*

response 26756

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	168.70
56.00	134.20	118.52
0.00	0.00	0.00

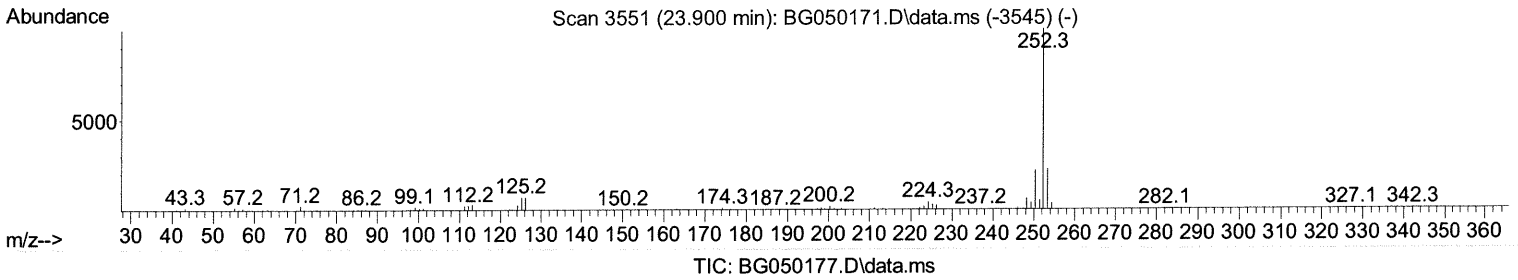
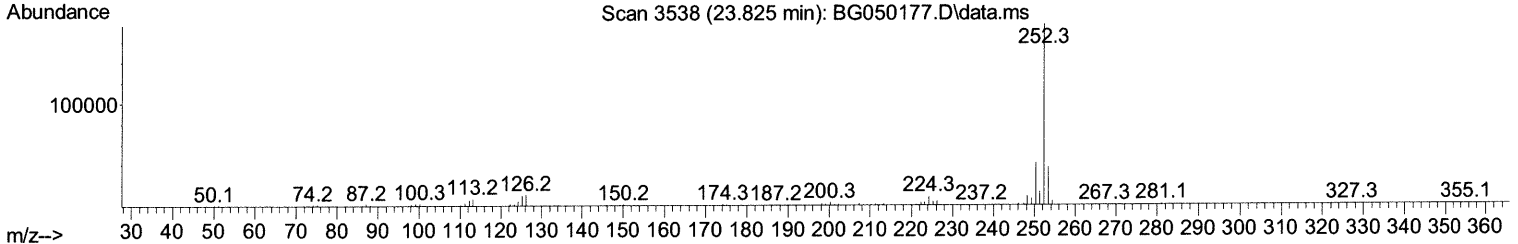
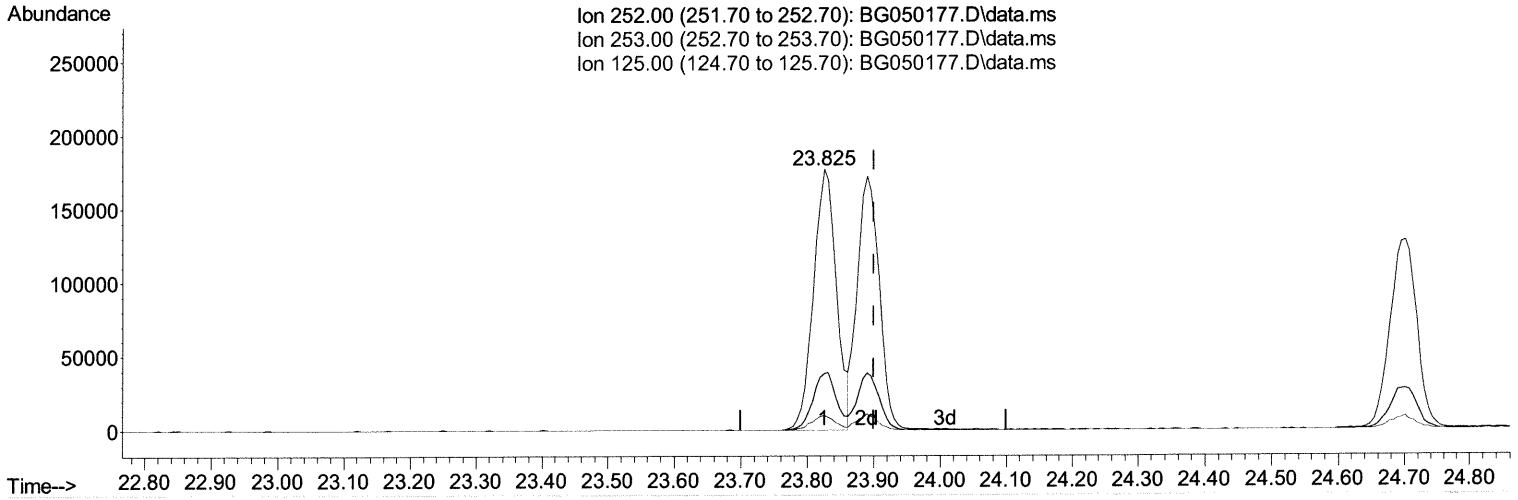
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(91) Benzo(k)fluoranthene

23.825min (-0.074) 35.58 ng/u1

response 425489

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.49
125.00	5.10	5.48
0.00	0.00	0.00

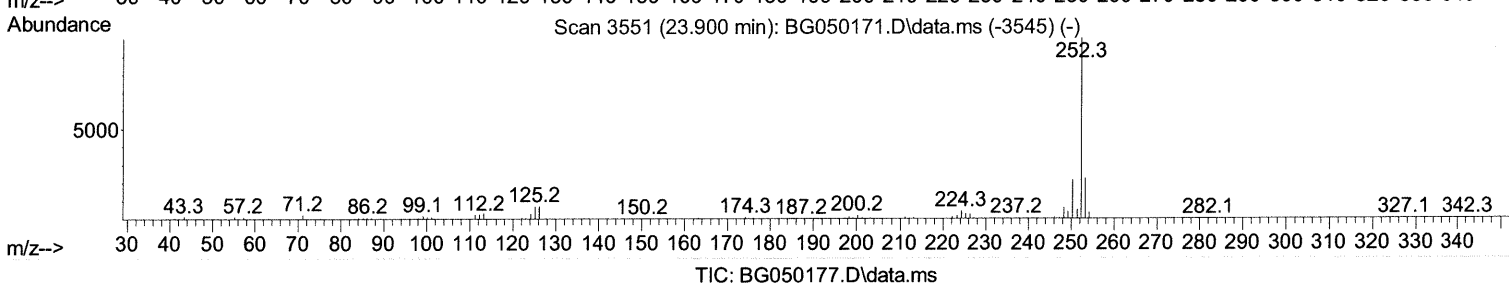
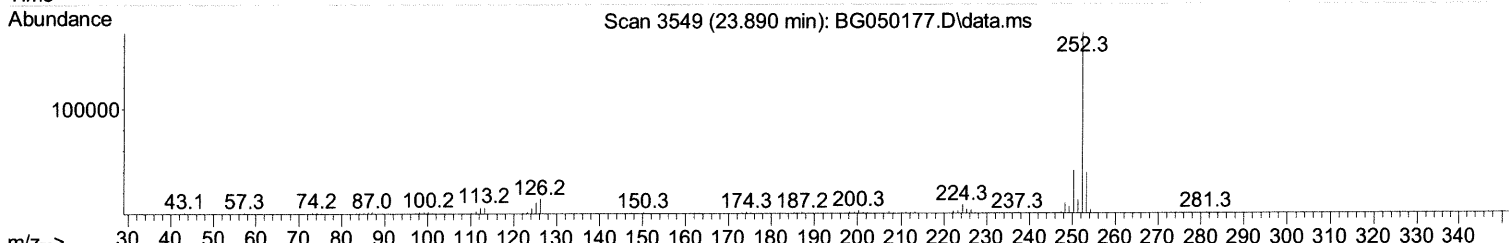
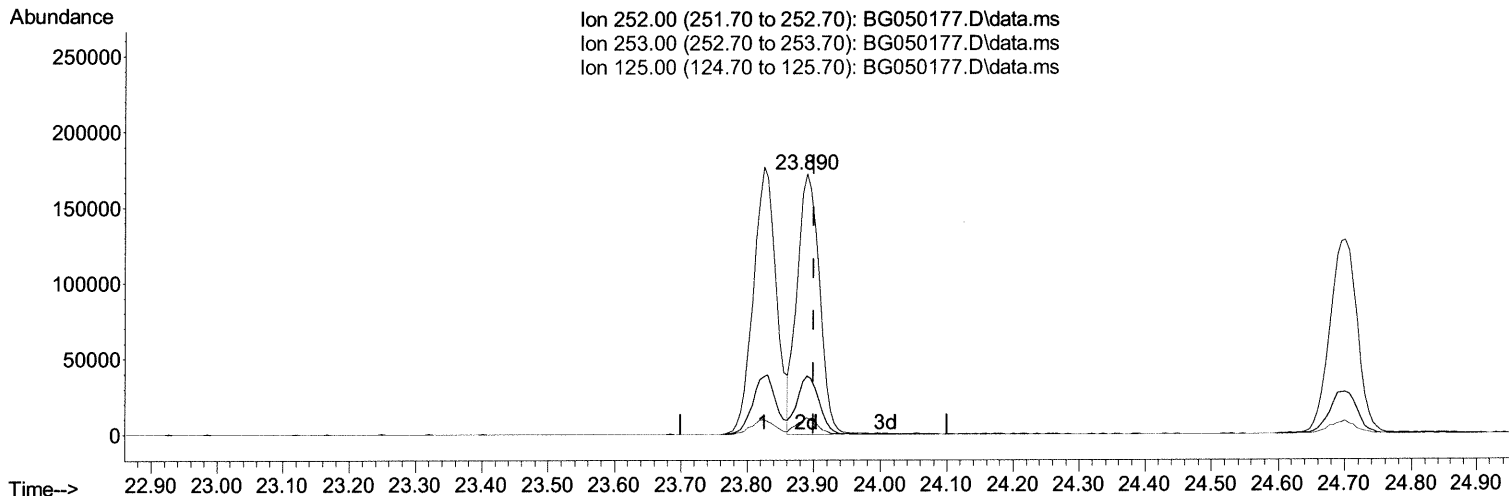
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 Data File : BG050177.D
 Acq On : 7 Sep 2021 22:43
 Operator : CG/JU
 Sample : PB1388438S
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS843

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(91) Benzo(k)fluoranthene

23.890min (-0.010) 33.06 ng/ul m *09/10/21ju*

response 395302

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.34
125.00	5.10	6.22#
0.00	0.00	0.00

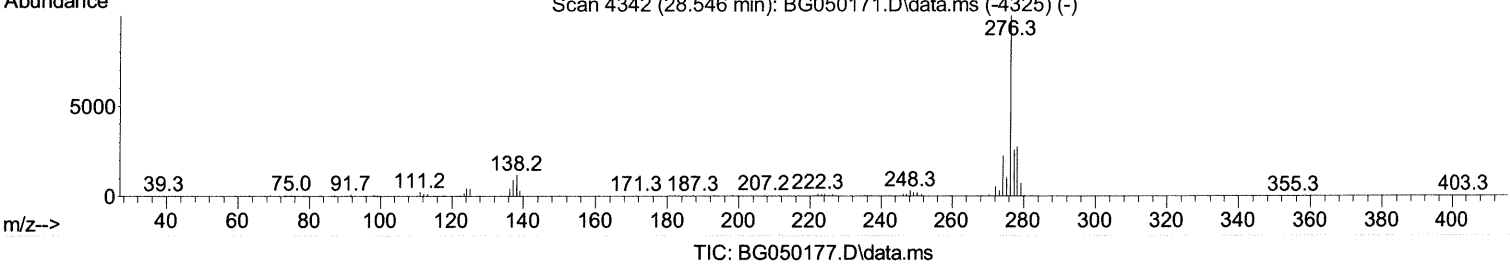
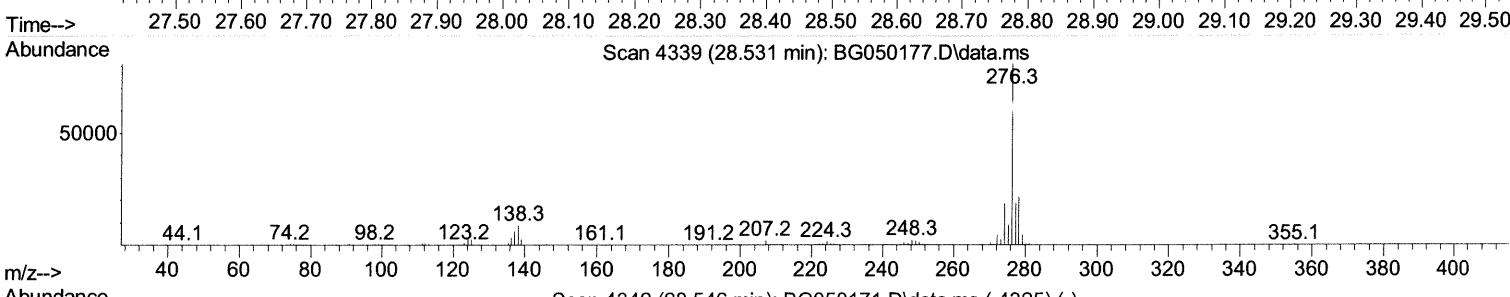
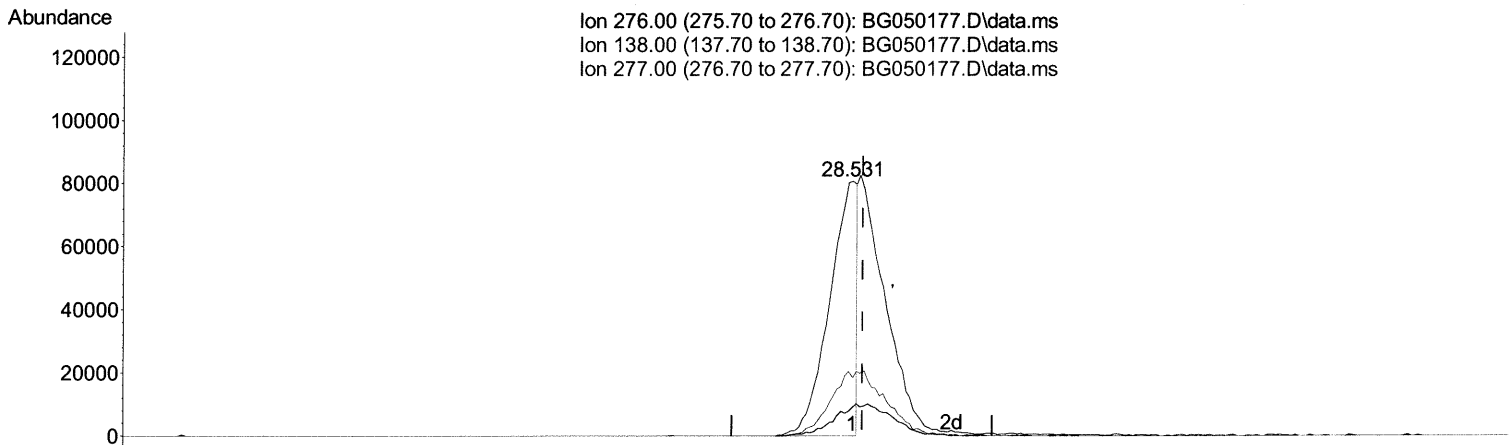
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampled :
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(94) Indeno(1,2,3-cd)pyrene

28.531min (-0.016) 16.38 ng/ul

response 235069

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	11.20#
277.00	23.20	22.71
0.00	0.00	0.00

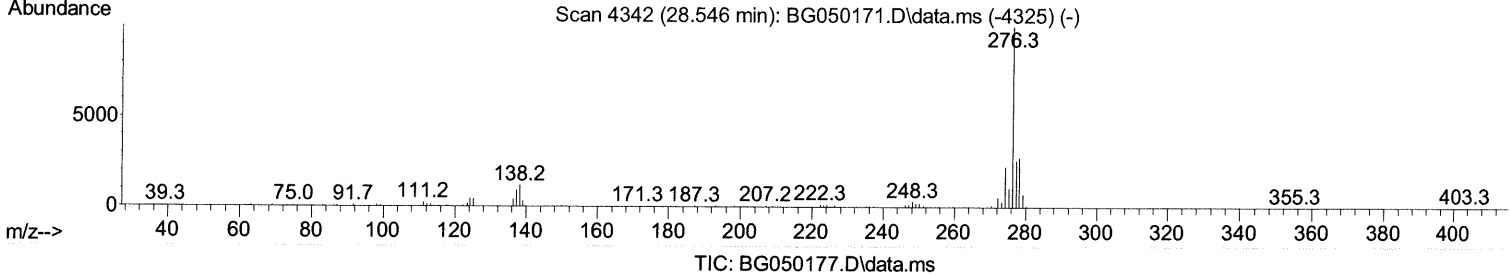
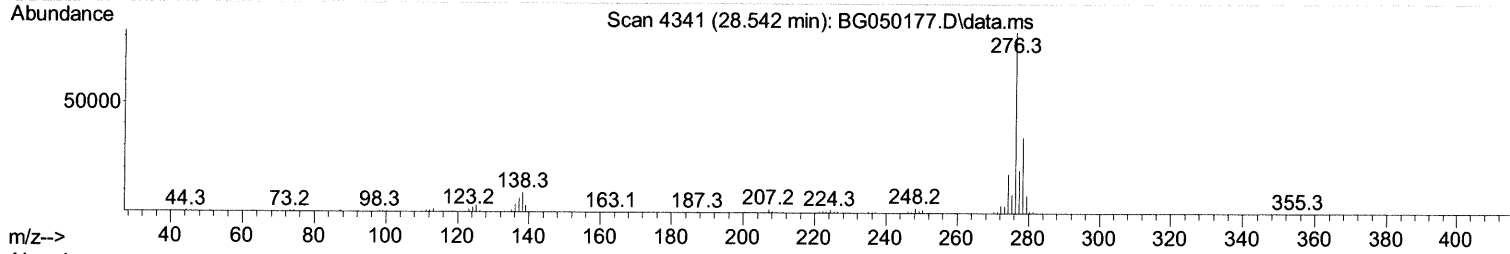
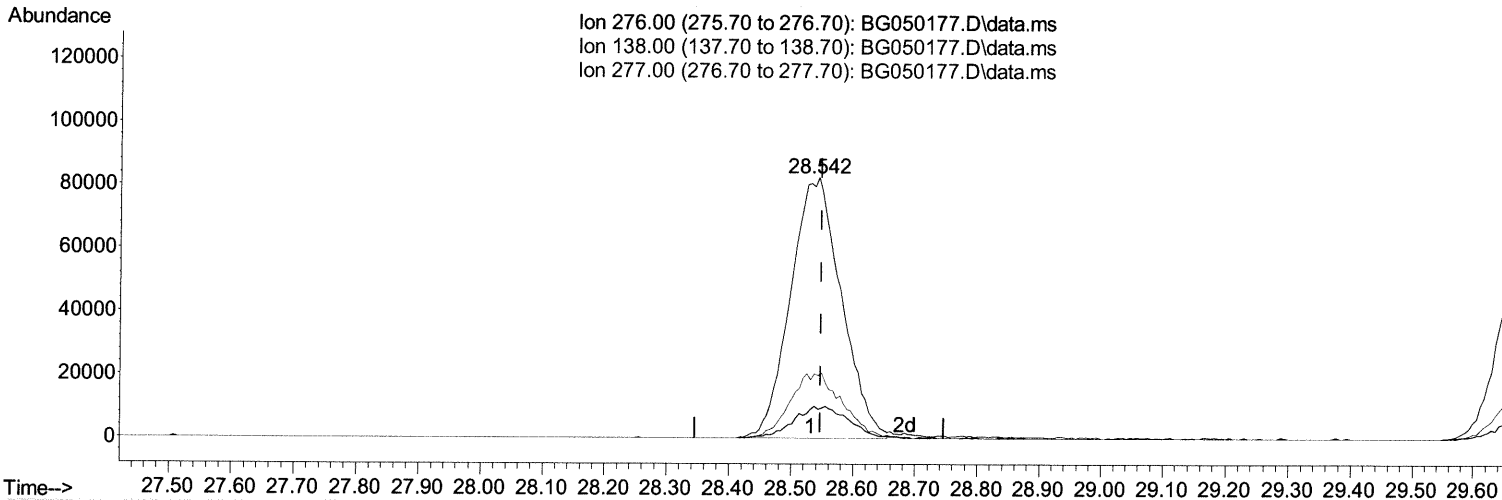
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(94) Indeno (1,2,3-cd)pyrene

28.542min (-0.004) 32.40 ng/ul m *09/10/21 JU*

response 464934

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	11.07#
277.00	23.20	23.92
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	7.947	152	31750	20.000 ng/ul	0.00
20) Naphthalene-d8	10.766	136	129955	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.608	164	85036	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.363	188	185716	20.000 ng/ul	0.00
79) Chrysene-d12	21.634	240	193088	20.000 ng/ul	0.00
88) Perylene-d12	24.847	264	200155	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.306	96	6207	9.665 ng/uL	0.00
4) Pyridine-d5	3.735	84	88477	38.811 ng/ul	0.00
7) Phenol-d5	7.124	99	98913	40.124 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	60112	41.753 ng/ul	-0.02
11) 2-Chlorophenol-d4	7.483	132	72377	35.376 ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	65546	33.817 ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	43155	48.380 ng/ul	0.00
24) 2-Nitrophenol-d4	9.850	143	43298	39.919 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.396	165	67566	32.638 ng/ul	0.00
31) 4-Chloroaniline-d4	10.907	131	76629	30.045 ng/ul	0.00
46) Dimethylphthalate-d6	14.009	166	198989	30.991 ng/ul	0.00
49) Acenaphthylene-d8	14.303	160	244956	32.039 ng/ul	0.00
54) 4-Nitrophenol-d4	14.843	143	25429	32.822 ng/ul	0.00
60) Fluorene-d10	15.607	176	170672	32.013 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.742	200	33546	29.945 ng/ul	0.00
73) Anthracene-d10	17.463	188	269021	32.268 ng/ul	0.00
81) Pyrene-d10	19.754	212	328993	34.207 ng/ul	0.00
92) Benzo(a)pyrene-d12	24.630	264	329205	31.070 ng/ul	0.00
Target Compounds					
2) 1,4-Dioxane	3.341	88	14148	19.346 ng/uL	96
5) Pyridine	3.752	79	91433	38.158 ng/ul#	89
6) Benzaldehyde	7.077	77	78694	57.586 ng/ul	98
8) Phenol	7.148	94	103487	42.630 ng/ul	96
10) Bis(2-Chloroethyl)ether	7.365	93	96206	53.452 ng/ul	95
12) 2-Chlorophenol	7.512	128	77118	38.683 ng/ul#	83
13) 2-Methylphenol	8.405	108	66551	34.061 ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.481	45	60354	33.226 ng/ul	95
16) Acetophenone	8.781	105	108408	38.015 ng/ul	95
17) N-Nitroso-di-n-propyla...	8.757	70	53246	35.014 ng/ul	95
18) 4-Methylphenol	8.734	108	69741	37.580 ng/ul	86
19) Hexachloroethane	9.028	117	37074	44.583 ng/ul	96
22) Nitrobenzene	9.169	77	110427	47.536 ng/ul	97
23) Isophorone	9.685	82	178136	40.157 ng/ul	97
25) 2-Nitrophenol	9.879	139	45214	42.255 ng/ul	89
26) 2,4-Dimethylphenol	9.944	107	91293	35.853 ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.167	93	81850	30.418 ng/ul#	98
29) 2,4-Dichlorophenol	10.426	162	65692	34.694 ng/ul	96
30) Naphthalene	10.819	128	210366	35.246 ng/ul	97
32) 4-Chloroaniline	10.931	127	78316	32.598 ng/ul	93
33) Hexachlorobutadiene	11.095	225	53531	35.667 ng/ul	87
34) Caprolactam	11.700	113	26756m	46.447 ng/ul >	98
35) 4-Chloro-3-methylphenol	12.076	107	92901	43.533 ng/ul	98

09/16/21 JU

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.429	142	245477	55.618	ng/ul	96
37) 1-Methylnaphthalene	12.652	142	203303	47.971	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.805	216	104795	36.436	ng/ul#	96
40) Hexachlorocyclopentadiene	12.775	237	16957	21.743	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.052	196	54269	33.420	ng/ul	94
42) 2,4,5-Trichlorophenol	13.134	196	52575	30.960	ng/ul	97
43) 1,1'-Biphenyl	13.439	154	197996	32.252	ng/ul	98
44) 2-Chloronaphthalene	13.486	162	156095	32.333	ng/ul	96
45) 2-Nitroaniline	13.692	65	51187	33.491	ng/ul	94
47) Dimethylphthalate	14.056	163	202444	33.033	ng/ul	99
48) 2,6-Dinitrotoluene	14.191	165	44832	34.357	ng/ul#	87
50) Acenaphthylene	14.332	152	233220	32.639	ng/ul	98
51) 3-Nitroaniline	14.520	138	41243	34.717	ng/ul	91
52) Acenaphthene	14.673	153	165976	32.599	ng/ul	96
53) 2,4-Dinitrophenol	14.761	184	14039	26.270	ng/ul#	72
55) 4-Nitrophenol	14.855	109	29631	34.367	ng/ul	92
56) Dibenzofuran	15.008	168	230645	32.927	ng/ul	99
57) 2,4-Dinitrotoluene	14.990	165	63167	33.875	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.249	232	45513	35.385	ng/ul#	88
59) Diethylphthalate	15.419	149	209805	33.871	ng/ul	96
61) Fluorene	15.660	166	194820	33.173	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.648	204	103647	33.146	ng/ul	96
63) 4-Nitroaniline	15.689	138	44251	39.995	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.760	198	31845	32.007	ng/ul	99
67) N-Nitrosodiphenylamine	15.865	169	166301	33.116	ng/ul	96
68) 4-Bromophenyl-phenylether	16.547	248	72182	32.798	ng/ul	97
69) Hexachlorobenzene	16.670	284	82383	33.016	ng/ul	96
70) Atrazine	16.817	200	72018	34.203	ng/ul	98
71) Pentachlorophenol	17.028	266	15689	22.954	ng/ul	91
72) Phenanthrene	17.404	178	319658	33.748	ng/ul	98
74) Anthracene	17.498	178	321624	33.487	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.410	216	93496	32.485	ng/uL	90
76) Pentachlorobenzene	14.931	250	93418	31.436	ng/uL	96
77) Carbazole	17.775	167	283114	33.436	ng/ul	99
78) Di-n-butylphthalate	18.315	149	352715	34.445	ng/ul	99
80) Fluoranthene	19.419	202	406697	34.022	ng/ul#	98
82) Pyrene	19.784	202	406471	34.668	ng/ul#	97
83) Butylbenzylphthalate	20.659	149	158295	35.302	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.528	252	144991	34.813	ng/ul	97
85) Benzo(a)anthracene	21.616	228	395637	33.469	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.505	149	222190	33.179	ng/ul	99
87) Chrysene	21.681	228	375570	34.083	ng/ul	96
89) Di-n-octyl phthalate	22.703	149	375656	32.429	ng/ul	100
90) Benzo(b)fluoranthene	23.825	252	425489	33.968	ng/ul#	97
91) Benzo(k)fluoranthene	23.890	252	395302m >	33.060	ng/ul >	09/09/21 JU
93) Benzo(a)pyrene	24.700	252	361534	33.014	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.542	276	464934m >	32.401	ng/ul >	09/09/21 JU
95) Dibenzo(a,h)anthracene	28.589	278	383791	32.242	ng/ul#	95
96) Benzo(g,h,i)perylene	29.682	276	375564	32.667	ng/ul	95

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