Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050098.D
Acq On : 1 Sep 2021 17:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Sep 01 18:01:19 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
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
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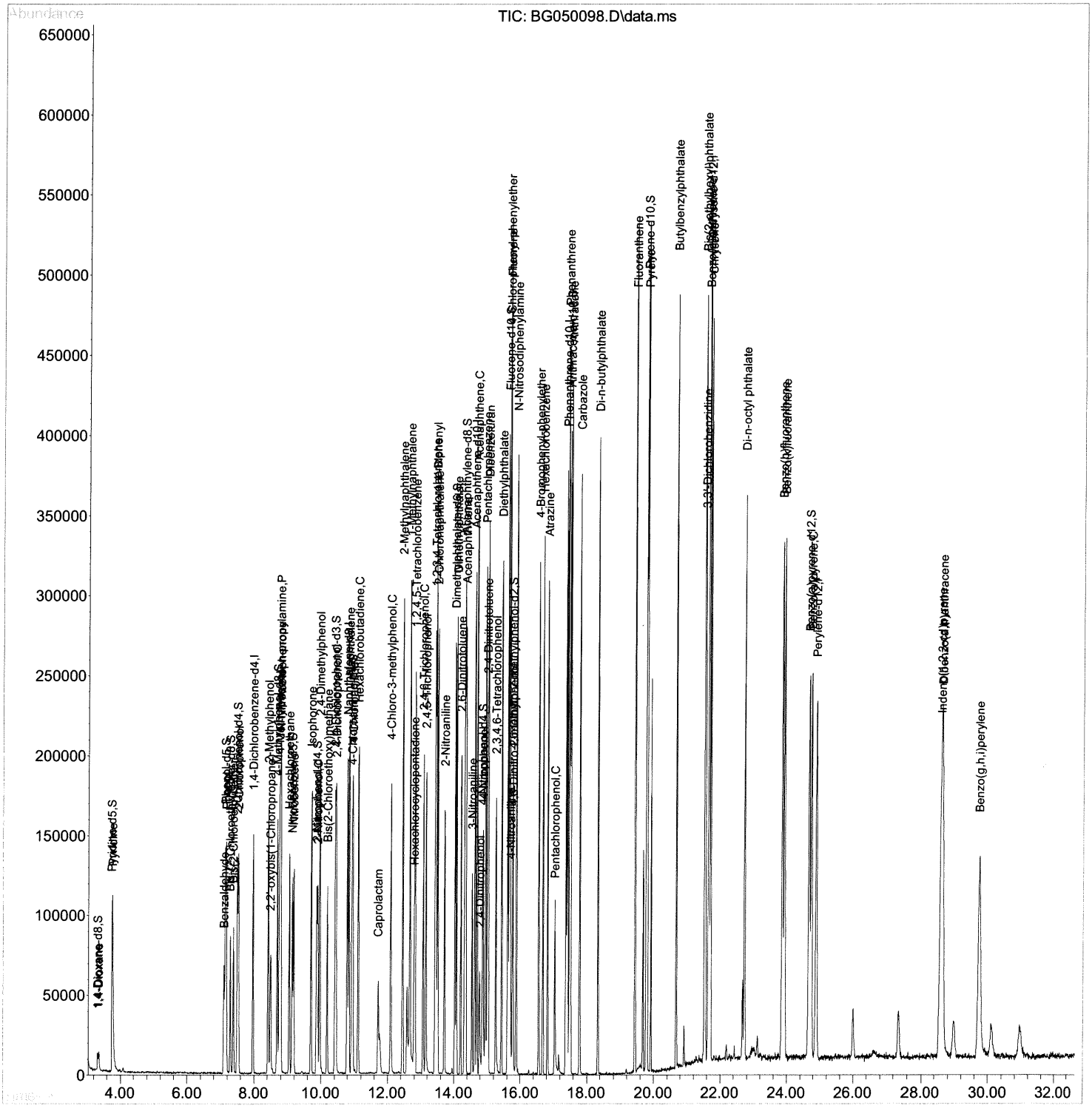

Quantitation Report (Qedit)

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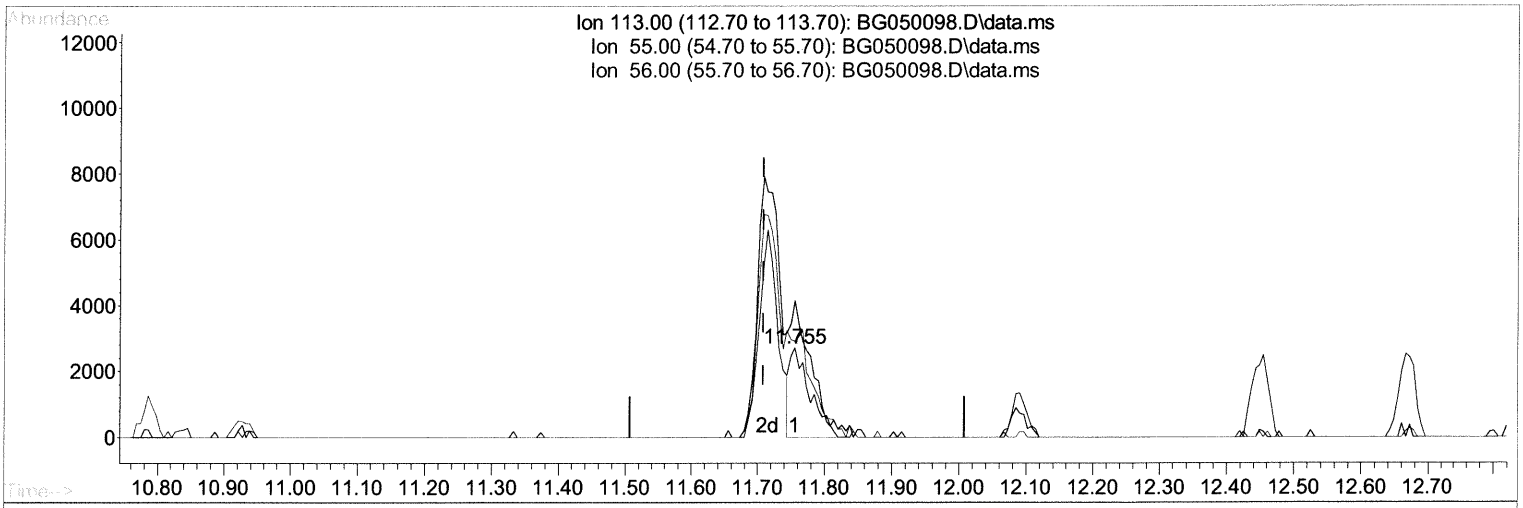

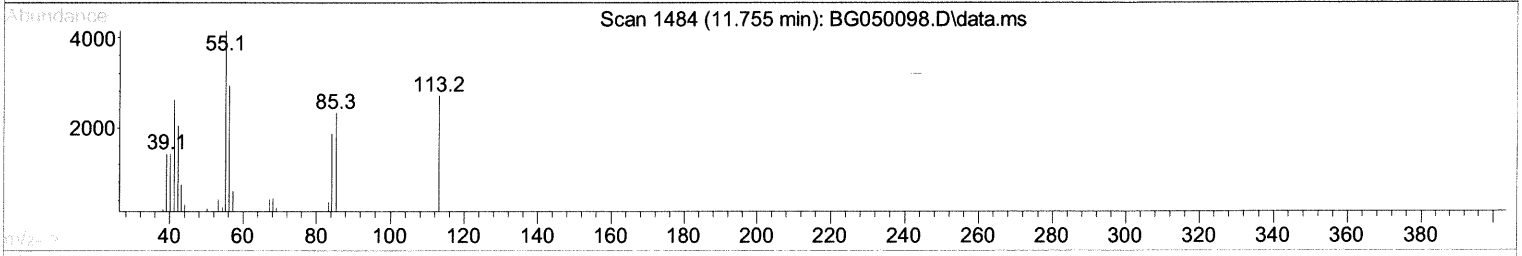

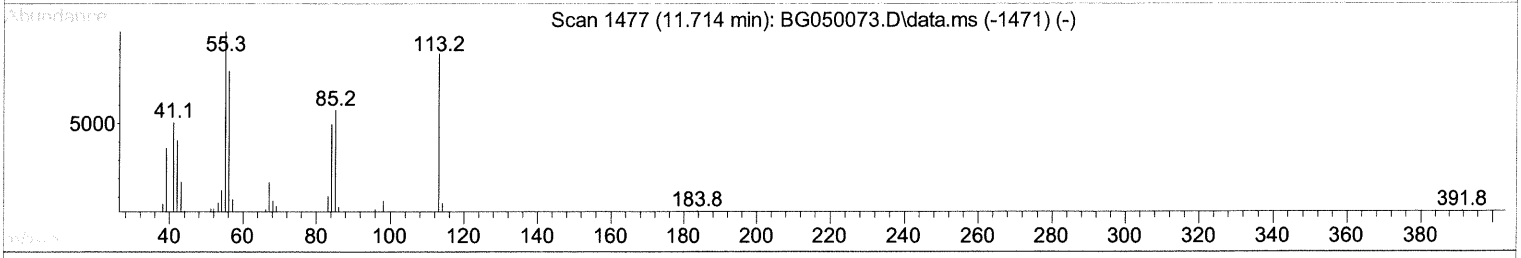

TIC: BG050098.D\data.ms

(34) Caprolactam

11.755min (+ 0.047) 6.47 ng/ul

response 5648

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	153.01
56.00	134.20	108.01
0.00	0.00	0.00

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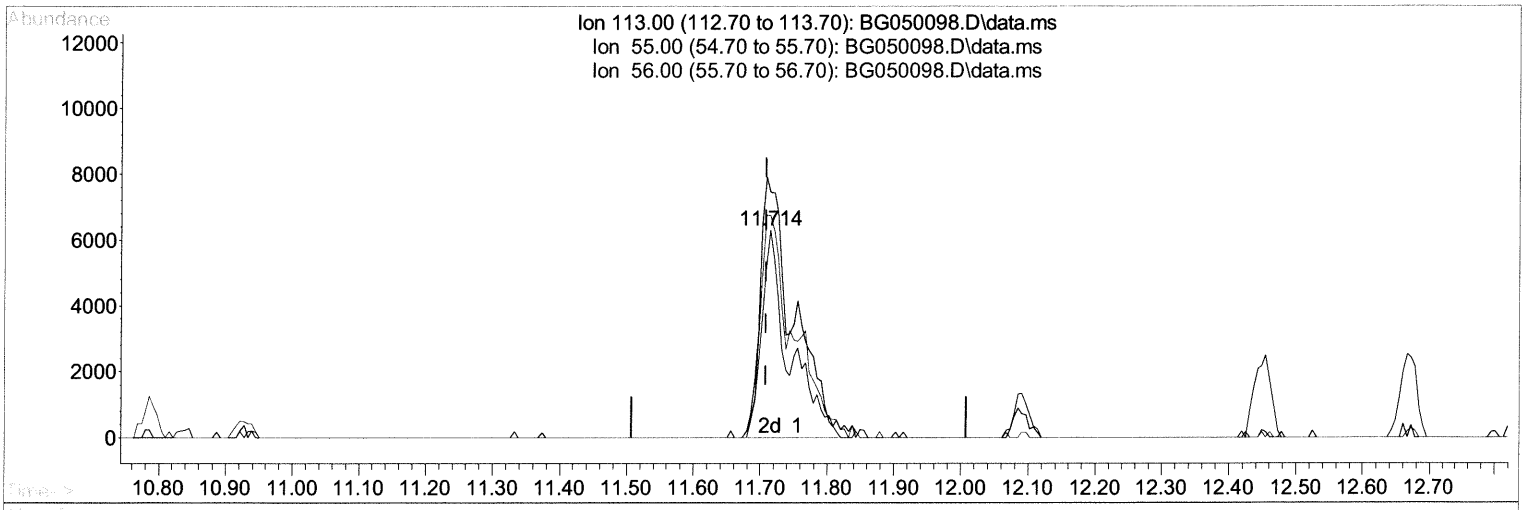

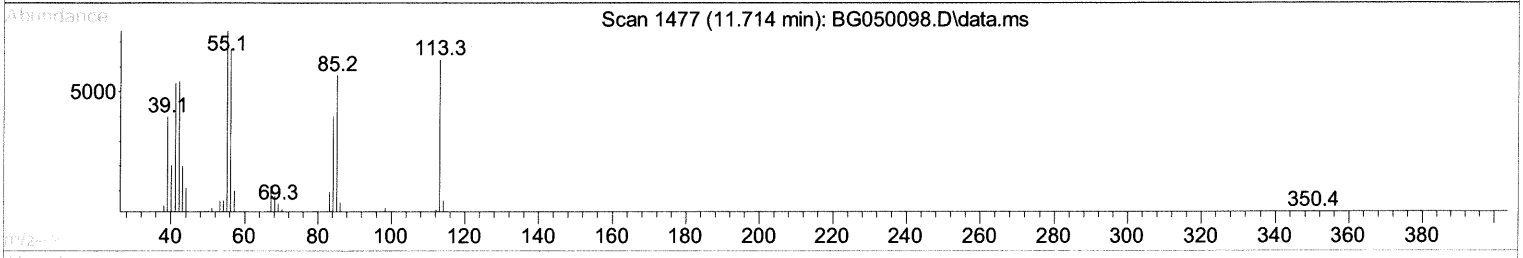

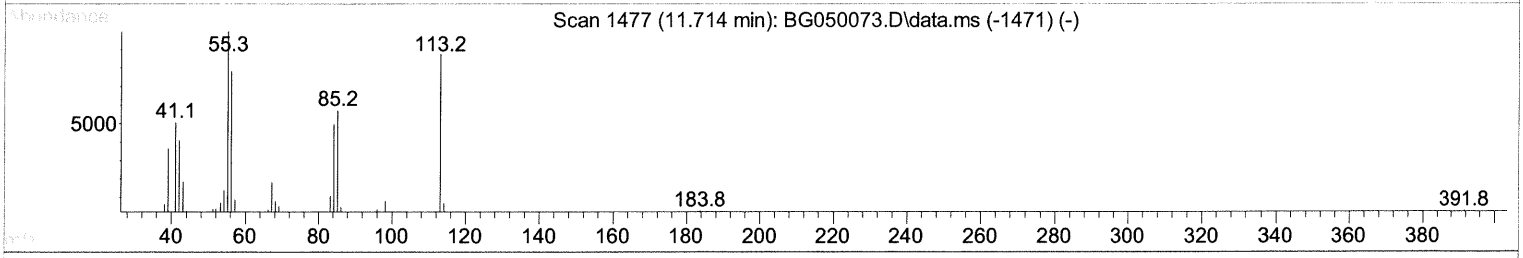

TIC: BG050098.D\data.ms

(34) Caprolactam

11.714min (+ 0.006) 20.62 ng/ul m 09/03/21 JU

response 18016

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	118.26
56.00	134.20	106.81#
0.00	0.00	0.00

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LabSampleId :
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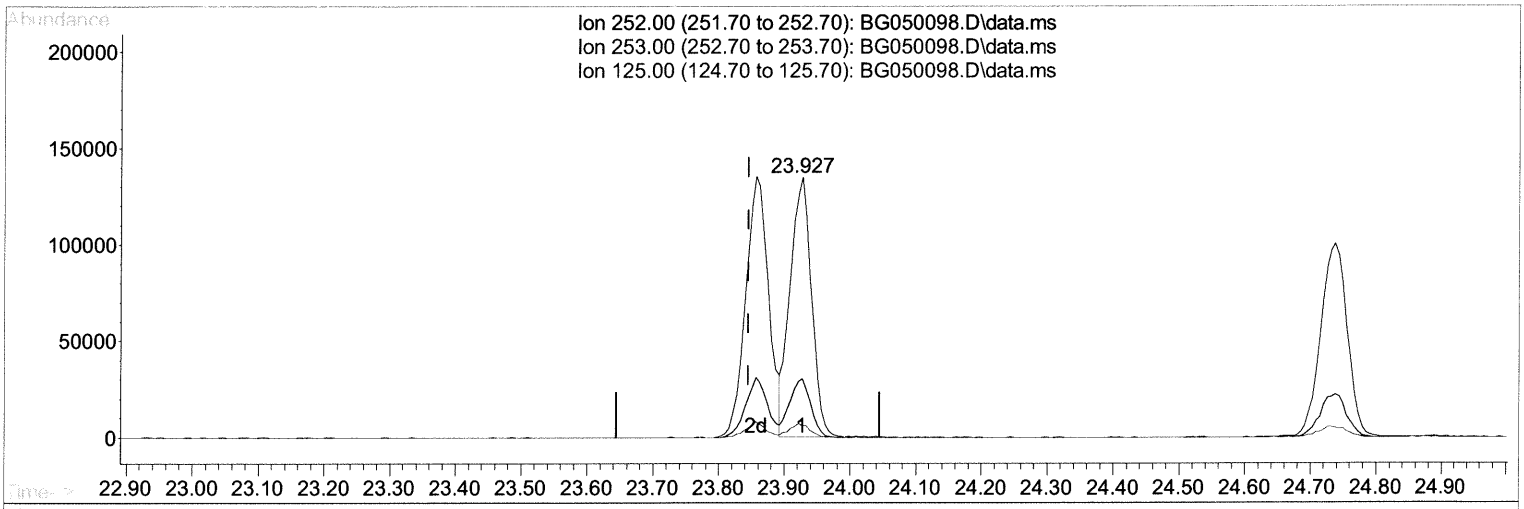

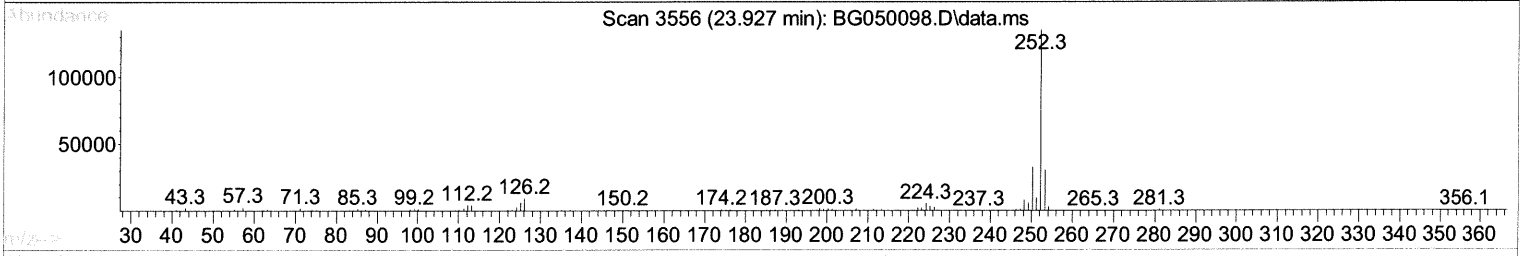

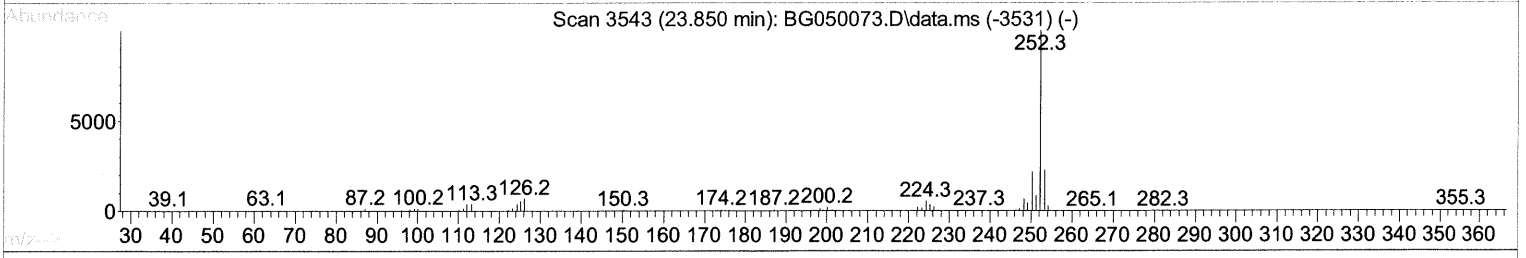

TIC: BG050098.D\data.ms

(90) Benzo(b)fluoranthene

23.927min (+ 0.082) 20.51 ng/ul

response 305451

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.51
125.00	4.20	4.45
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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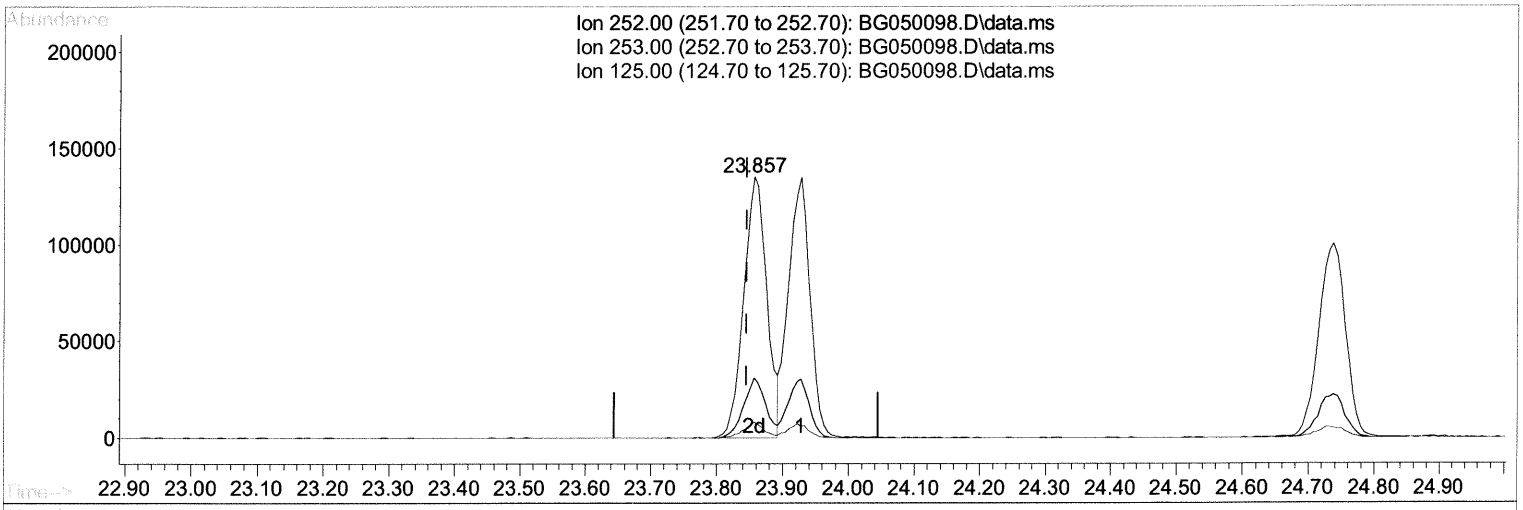

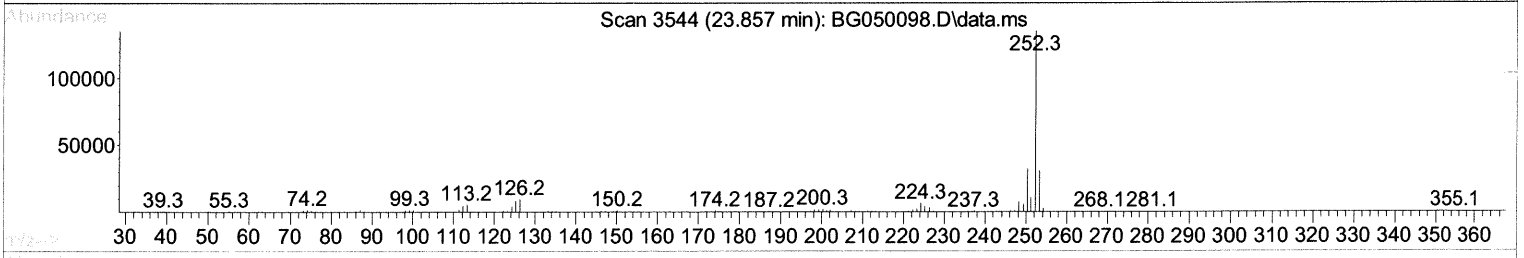

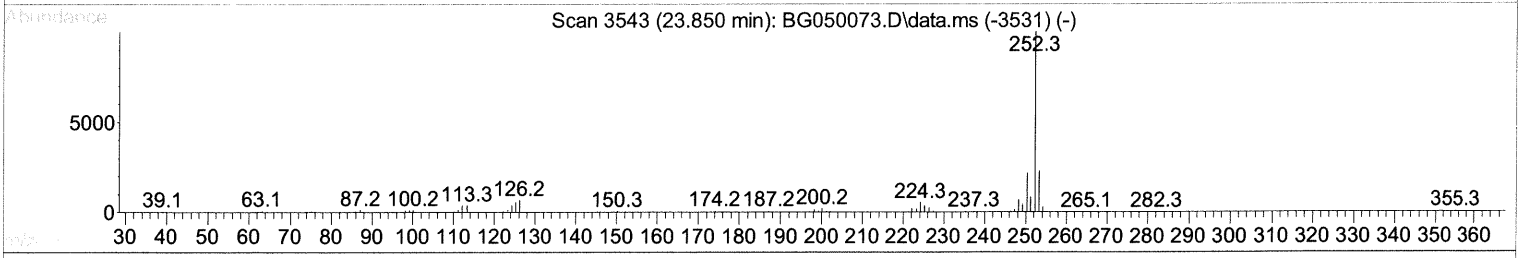

TIC: BG050098.D\data.ms

(90) Benzo(b)fluoranthene

23.857min (+ 0.012) 22.20 ng/ul m 09/03/21 JU

response 330593

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.90
125.00	4.20	6.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
LabSampleId :
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Manual Integrations APPROVED
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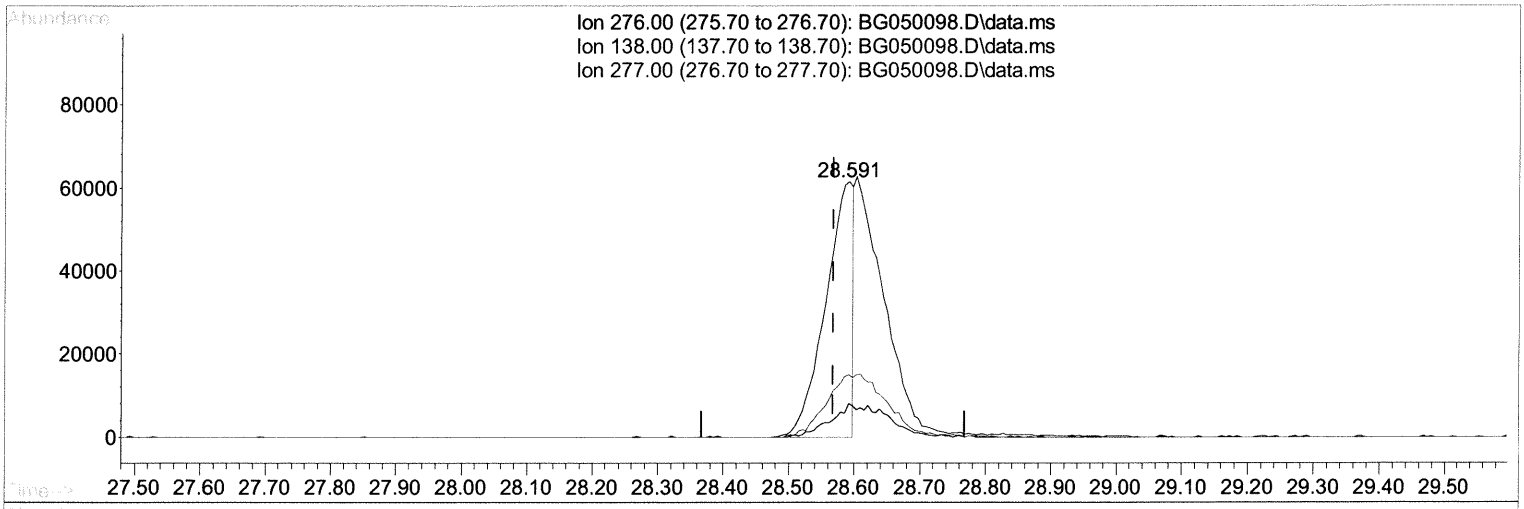

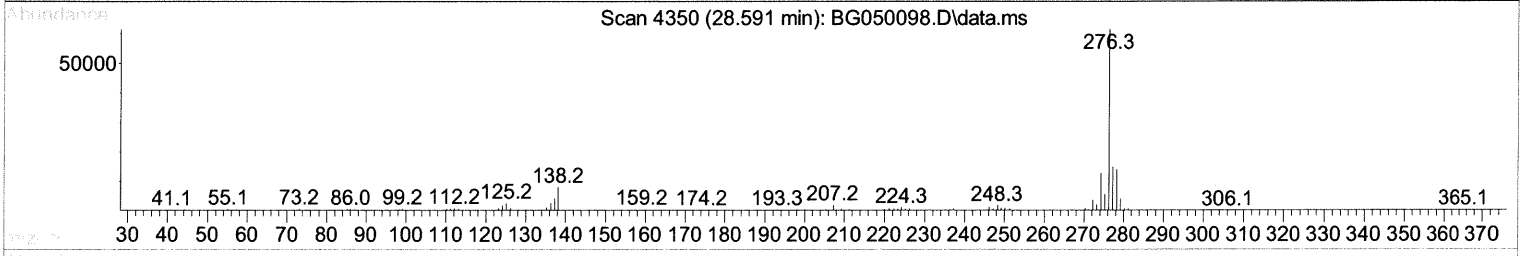

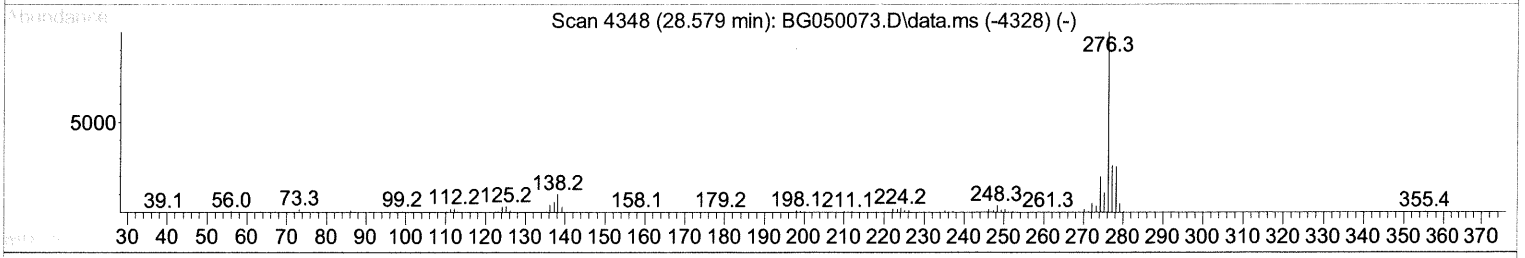

TIC: BG050098.D\data.ms

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

28.591min (+ 0.024) 10.57 ng/ul

response 180346

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	13.03#
277.00	23.20	24.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
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Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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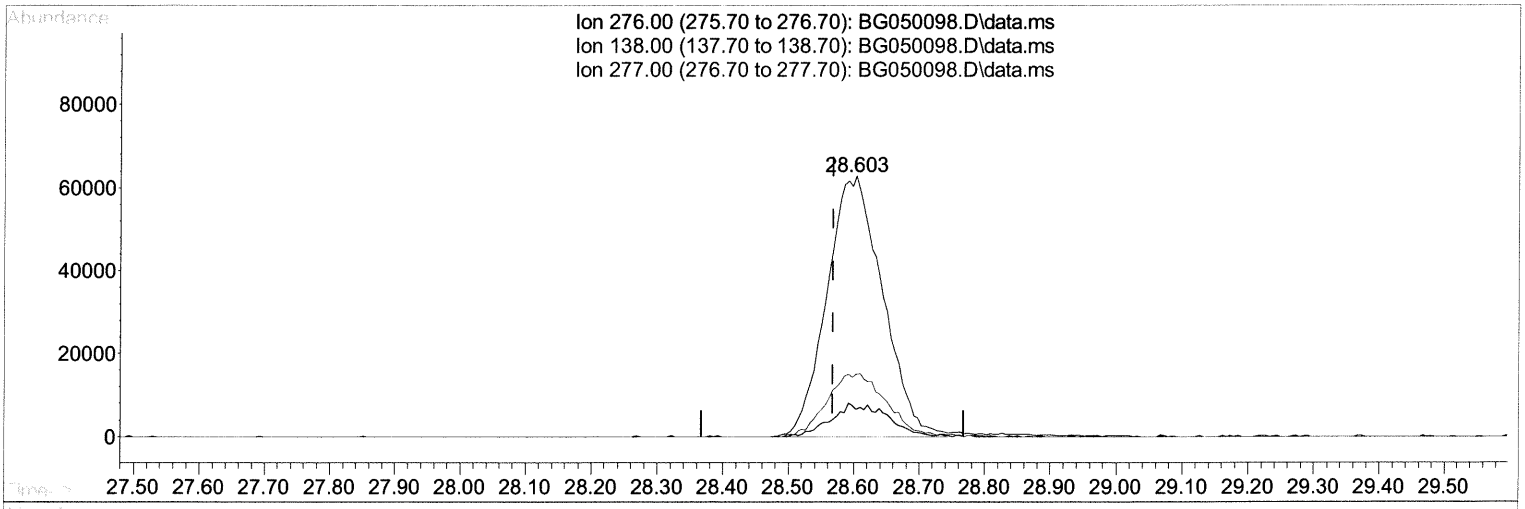

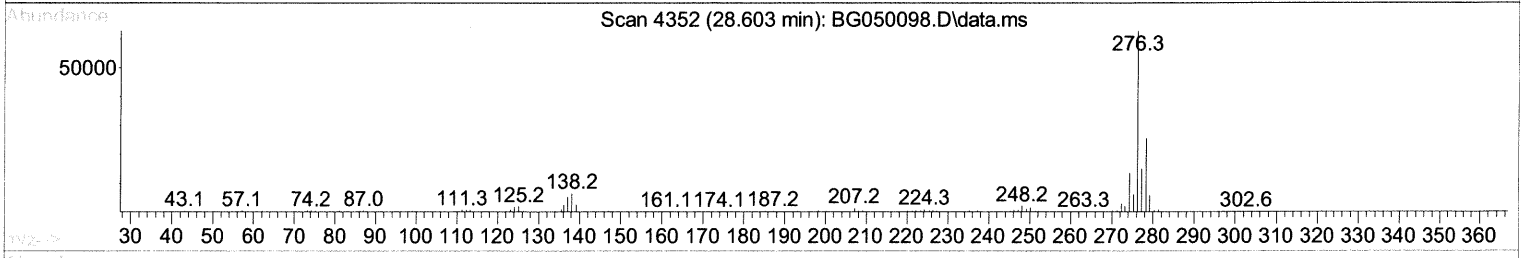

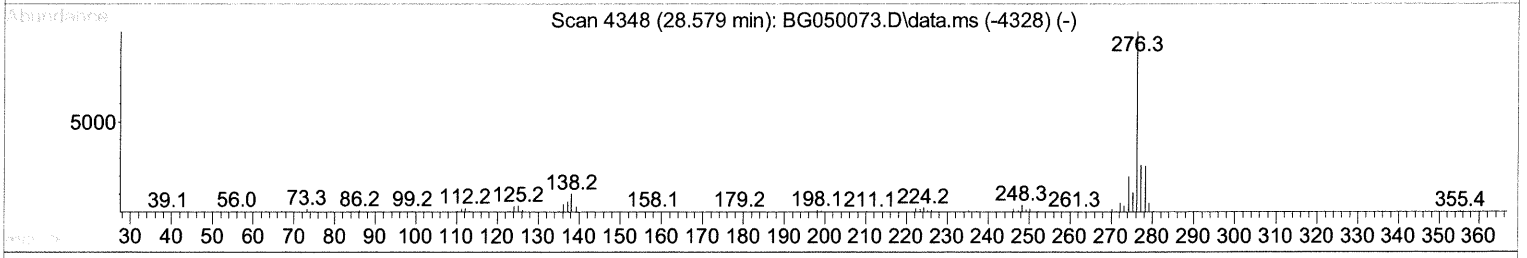

TIC: BG050098.D\data.ms

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

28.603min (+ 0.035) 21.61 ng/ul m 09/03/21 JU

response 368641

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.45#
277.00	23.20	23.96
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	7.966	152	41491	20.000	ng/ul	0.01
20) Naphthalene-d8	10.786	136	165019	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	110600	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.383	188	236824	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	231845	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	232788	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	7189	8.935	ng/uL	0.00
4) Pyridine-d5	3.749	84	52215	21.545	ng/ul	0.00
7) Phenol-d5	7.138	99	77121	21.889	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.285	67	40344	20.611	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	58365	22.139	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	57529	20.733	ng/ul	0.00
21) Nitrobenzene-d5	9.141	128	29536	23.087	ng/ul	0.01
24) 2-Nitrophenol-d4	9.864	143	34567	22.691	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.416	165	62586	23.034	ng/ul	0.01
31) 4-Chloroaniline-d4	10.927	131	78265	21.163	ng/ul	0.00
46) Dimethylphthalate-d6	14.029	166	180074	21.274	ng/ul	0.00
49) Acenaphthylene-d8	14.323	160	227167	22.890	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	21246	17.349	ng/ul	0.01
60) Fluorene-d10	15.621	176	158387	22.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	29771	19.540	ng/ul	0.00
73) Anthracene-d10	17.483	188	241849	22.742	ng/ul	0.00
81) Pyrene-d10	19.768	212	272157	21.723	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.667	264	270645	21.914	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	7837	7.990	ng/uL#	81
5) Pyridine	3.766	79	55055	21.018	ng/ul	95
6) Benzaldehyde	7.103	77	25506	12.580	ng/ul	93
8) Phenol	7.168	94	73990	20.791	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.379	93	52569	21.399	ng/ul	93
12) 2-Chlorophenol	7.532	128	56676	21.757	ng/ul#	82
13) 2-Methylphenol	8.425	108	58591	21.340	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.489	45	51586	20.025	ng/ul#	94
16) Acetophenone	8.795	105	94318	20.843	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.777	70	46244	20.352	ng/ul	96
18) 4-Methylphenol	8.754	108	60903	20.620	ng/ul	93
19) Hexachloroethane	9.047	117	25474	22.345	ng/ul	95
22) Nitrobenzene	9.182	77	75656	21.824	ng/ul	95
23) Isophorone	9.705	82	129486	20.964	ng/ul	96
25) 2-Nitrophenol	9.899	139	33410	22.558	ng/ul#	86
26) 2,4-Dimethylphenol	9.958	107	73976	22.475	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.187	93	69853	21.901	ng/ul	96
29) 2,4-Dichlorophenol	10.445	162	57403	23.018	ng/ul	99
30) Naphthalene	10.839	128	180426	21.875	ng/ul	97
32) 4-Chloroaniline	10.951	127	78199	21.956	ng/ul	91
33) Hexachlorobutadiene	11.115	225	45950	22.776	ng/ul	91
34) Caprolactam	11.714	113	18016m>	20.623	ng/ul >	09/03/21
35) 4-Chloro-3-methylphenol	12.090	107	64449	21.624	ng/ul	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.449	142	137145	22.368	ng/ul	94
37) 1-Methylnaphthalene	12.666	142	136468	22.051	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.819	216	76965	23.693	ng/ul#	97
40) Hexachlorocyclopentadiene	12.789	237	27359	18.818	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.065	196	47340	22.868	ng/ul	92
42) 2,4,5-Trichlorophenol	13.148	196	48834	22.508	ng/ul	89
43) 1,1'-Biphenyl	13.453	154	175298	22.687	ng/ul	99
44) 2-Chloronaphthalene	13.500	162	139669	22.504	ng/ul	99
45) 2-Nitroaniline	13.712	65	47109	22.356	ng/ul	96
47) Dimethylphthalate	14.076	163	174403	20.820	ng/ul	98
48) 2,6-Dinitrotoluene	14.205	165	37217	21.519	ng/ul#	94
50) Acenaphthylene	14.352	152	206432	22.758	ng/ul	97
51) 3-Nitroaniline	14.540	138	29932	17.936	ng/ul	99
52) Acenaphthene	14.693	153	148908	22.631	ng/ul	97
53) 2,4-Dinitrophenol	14.769	184	16716	18.924	ng/ul	89
55) 4-Nitrophenol	14.869	109	26693	17.192	ng/ul	97
56) Dibenzofuran	15.027	168	205869	22.593	ng/ul	97
57) 2,4-Dinitrotoluene	15.004	165	54436	21.882	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	39530	21.986	ng/ul	97
59) Diethylphthalate	15.439	149	179257	20.918	ng/ul	98
61) Fluorene	15.680	166	173764	22.603	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.662	204	90492	22.247	ng/ul	99
63) 4-Nitroaniline	15.703	138	25054	15.044	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.779	198	26218	18.985	ng/ul	96
67) N-Nitrosodiphenylamine	15.879	169	142960	22.929	ng/ul	98
68) 4-Bromophenyl-phenylether	16.561	248	61267	23.386	ng/ul	98
69) Hexachlorobenzene	16.690	284	70548	23.320	ng/ul	97
70) Atrazine	16.831	200	62406	22.530	ng/ul	95
71) Pentachlorophenol	17.048	266	23255	18.154	ng/ul	88
72) Phenanthrene	17.424	178	271785	23.020	ng/ul	98
74) Anthracene	17.518	178	276451	23.107	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.430	216	80521	25.342	ng/uL	91
76) Pentachlorobenzene	14.951	250	82356	24.461	ng/uL	96
77) Carbazole	17.788	167	242338	22.763	ng/ul	98
78) Di-n-butylphthalate	18.335	149	297384	21.841	ng/ul	99
80) Fluoranthene	19.439	202	344331	22.272	ng/ul	100
82) Pyrene	19.803	202	335435	21.895	ng/ul	99
83) Butylbenzylphthalate	20.673	149	133761	22.125	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.548	252	109286	19.885	ng/ul	98
85) Benzo(a)anthracene	21.636	228	317475	21.976	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.525	149	185161	22.301	ng/ul	95
87) Chrysene	21.701	228	299313	21.918	ng/ul	97
89) Di-n-octyl phthalate	22.729	149	309063	22.380	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	330593m	22.201	ng/ul	99
91) Benzo(k)fluoranthene	23.927	252	306610	21.662	ng/ul	99
93) Benzo(a)pyrene	24.738	252	280416	21.684	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.603	276	368641m	21.610	ng/ul	99
95) Dibenzo(a,h)anthracene	28.644	278	300165	21.019	ng/ul	97
96) Benzo(g,h,i)perylene	29.749	276	295918	20.634	ng/ul#	96

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