Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050234.D
Acq On : 9 Sep 2021 18:01
Operator : CG/JU
Sample : PB138900BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Sep 10 01:17:28 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

Instrument :
BNA_G
ClientSampleId :
SLCS900

Manual Integrations APPROVED
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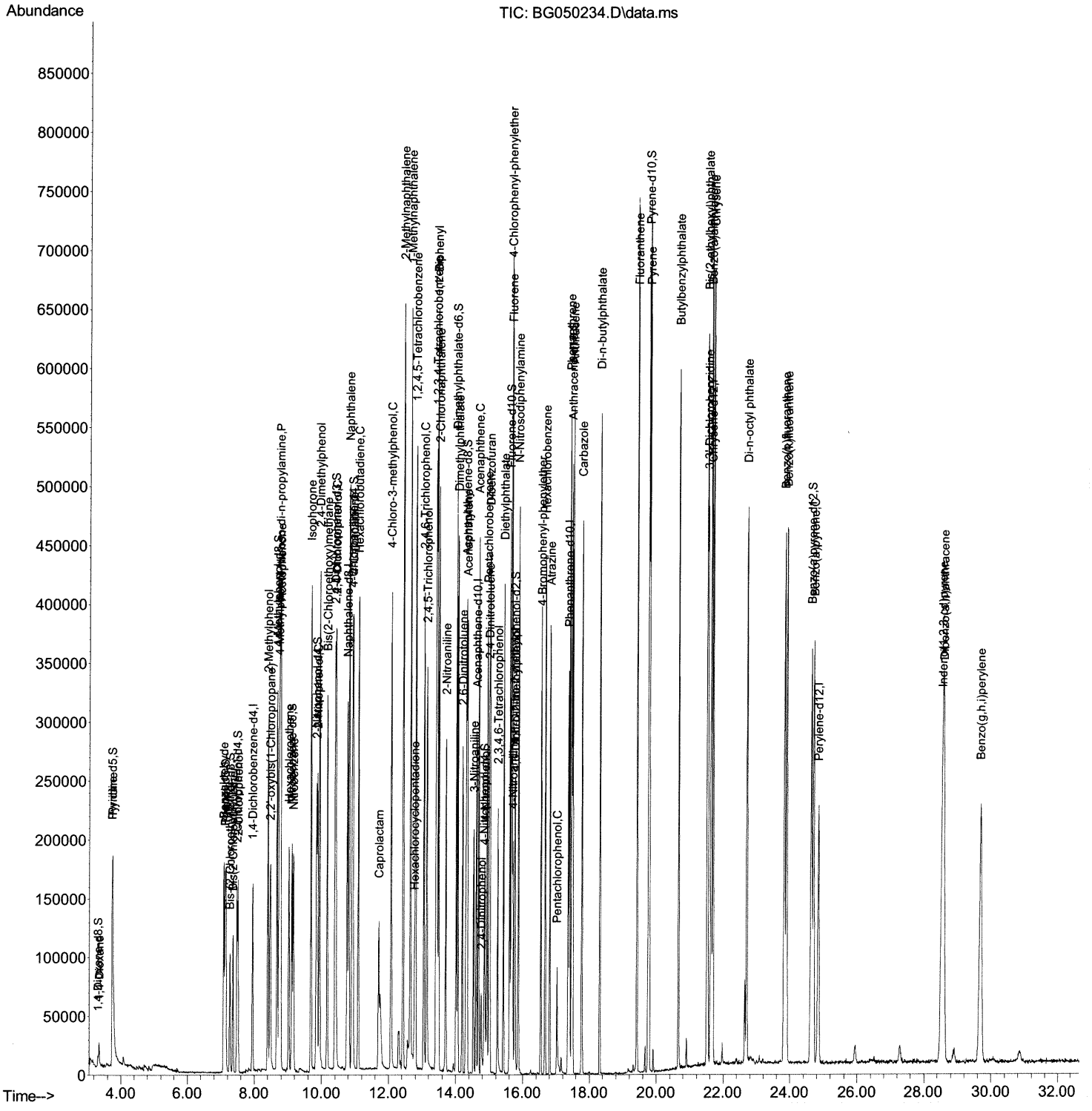
9/10/2021 3:21:50 PM



Quantitation Report (Qedit)

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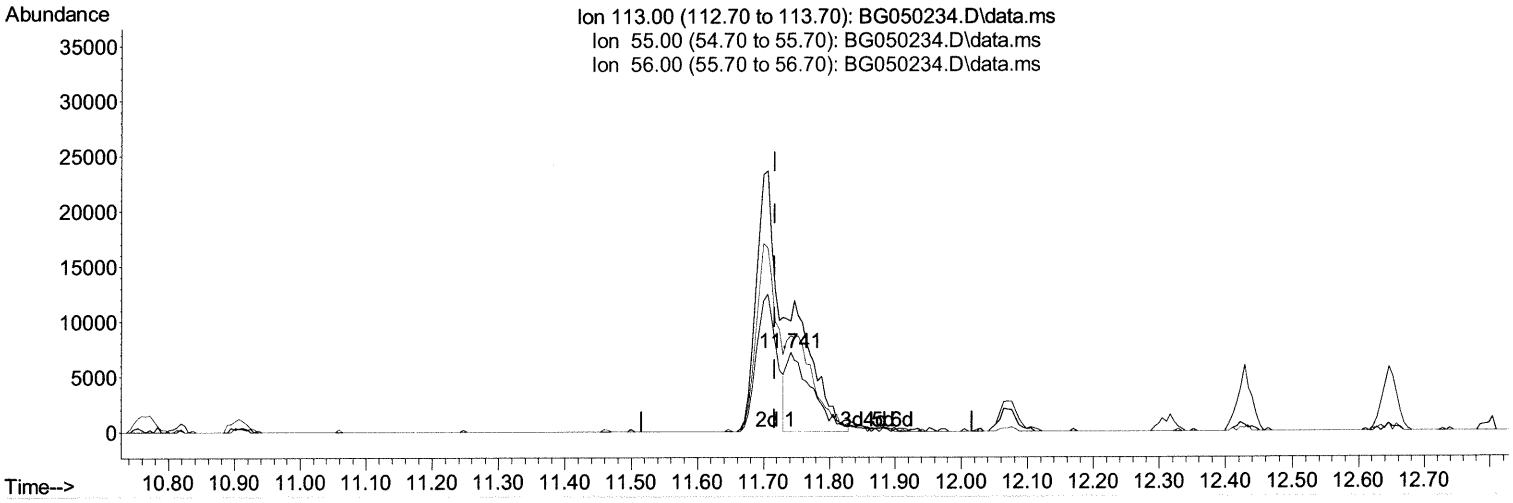

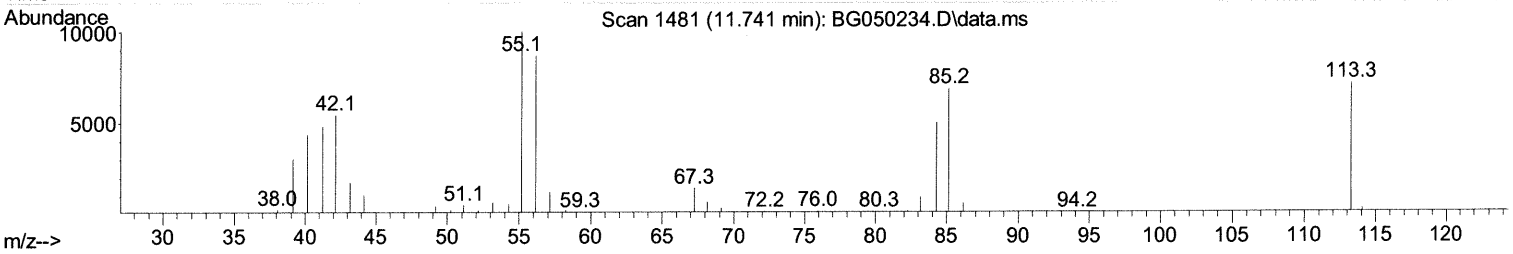

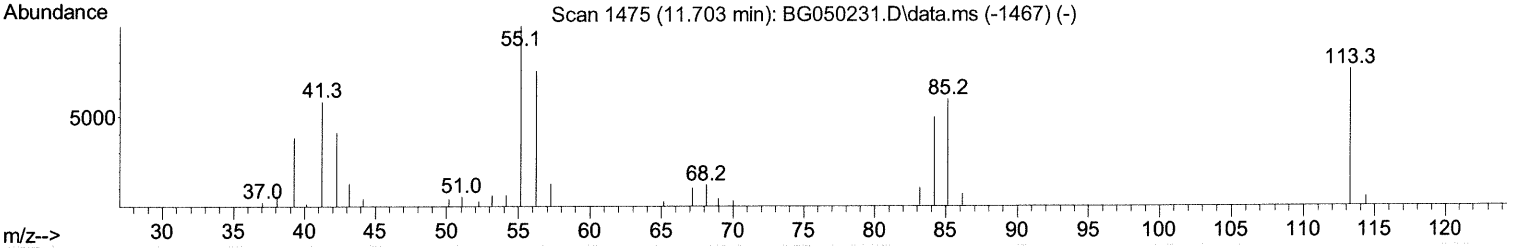

TIC: BG050234.D\data.ms

(34) Caprolactam

11.741min (+ 0.025) 16.44 ng/ul

response 19367

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	140.20
56.00	134.20	121.49
0.00	0.00	0.00

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Manual Integrations APPROVED
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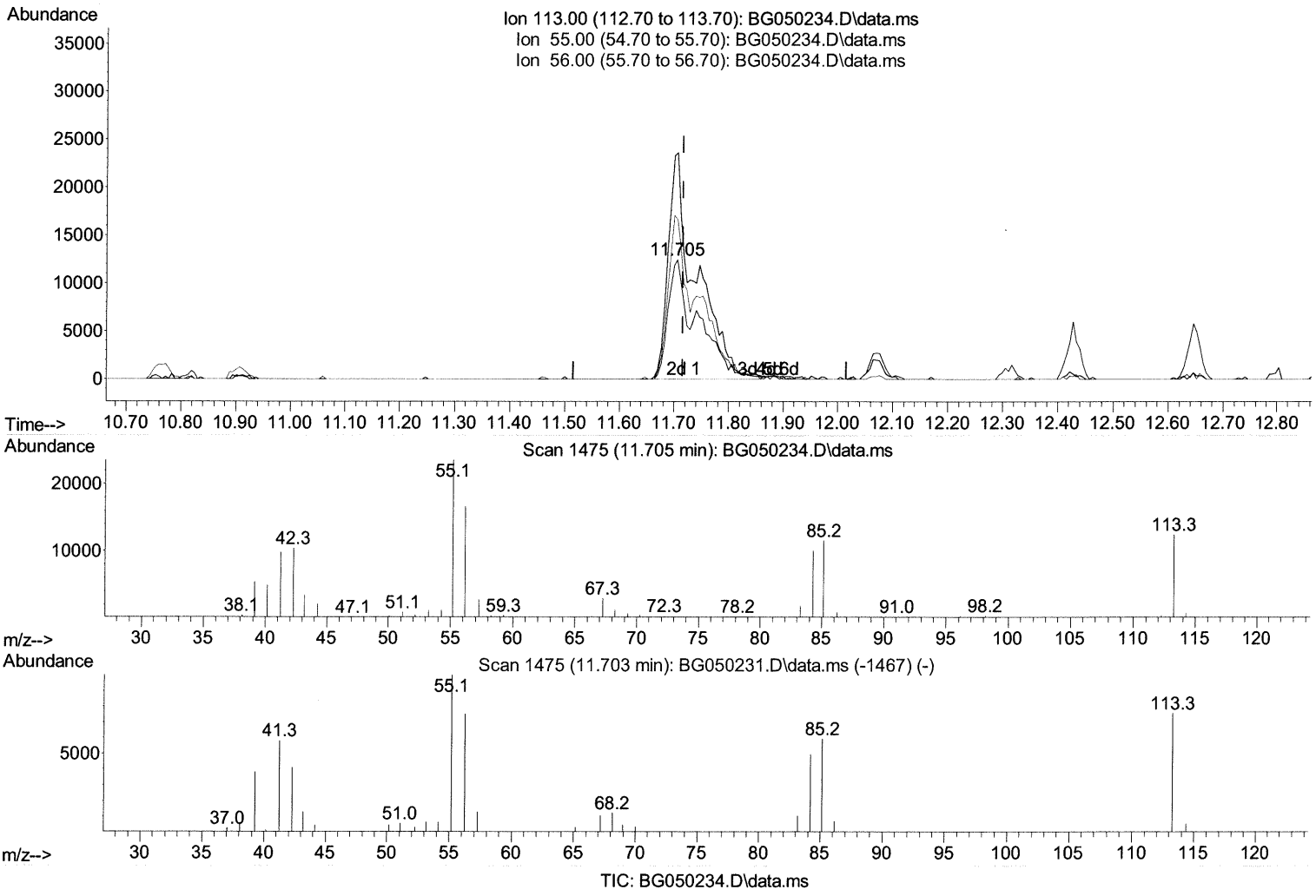

TIC: BG050234.D\data.ms

(34) Caprolactam

11.705min (-0.011) 39.66 ng/ul m 09/13/21 JU

response 46726

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	189.38#
56.00	134.20	133.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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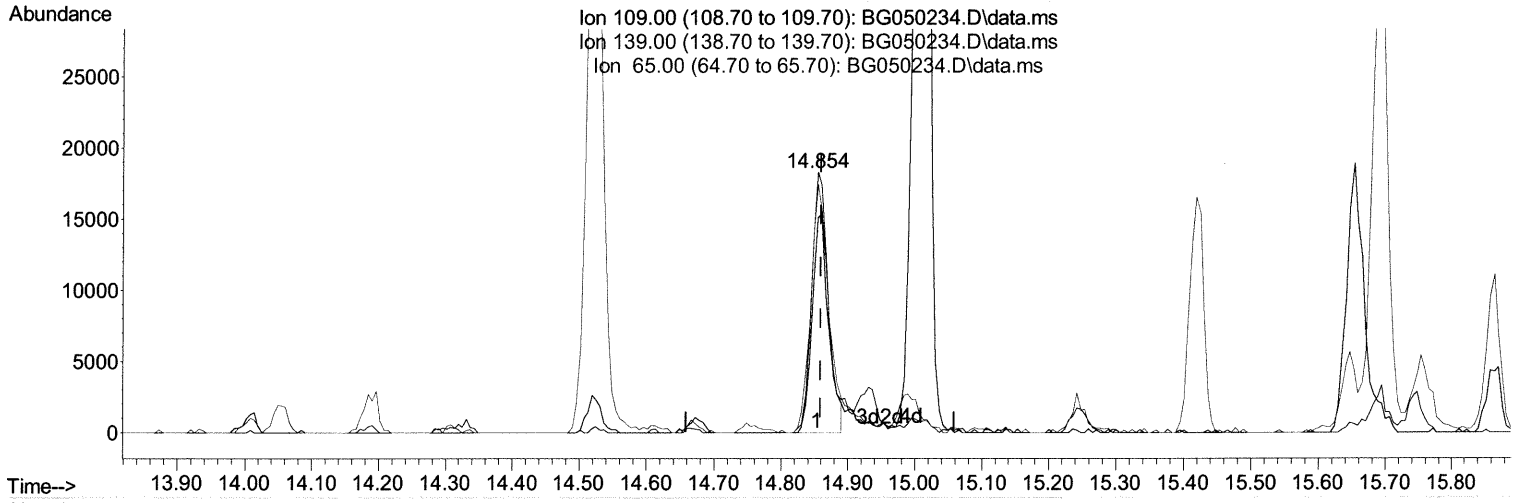

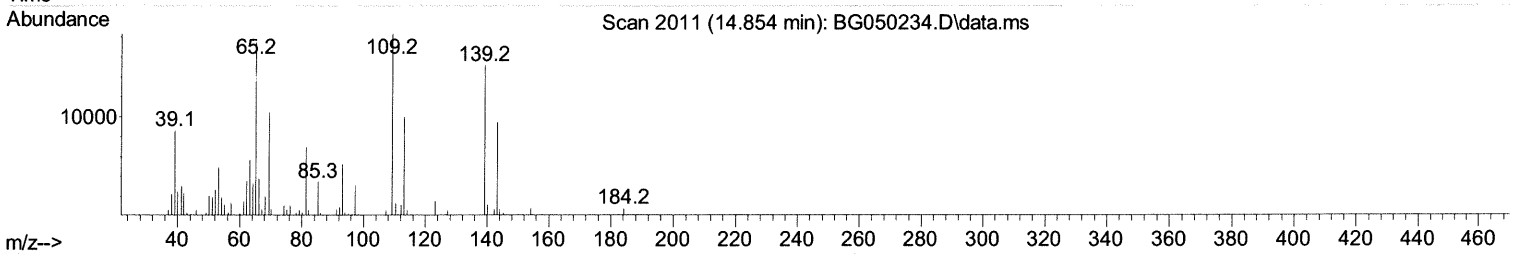

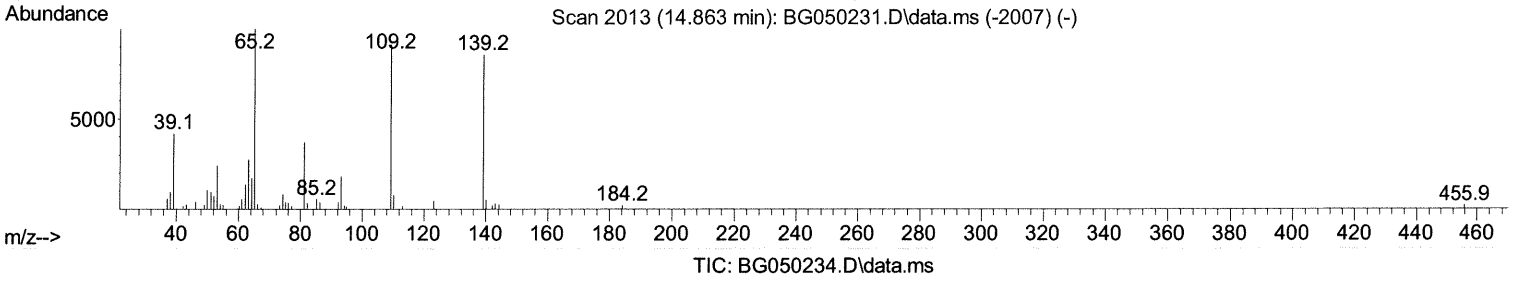

TIC: BG050234.D\data.ms

(55) 4-Nitrophenol

14.854min (-0.005) 31.49 ng/ul

response 31797

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	76.70	82.75
65.00	95.60	95.32
0.00	0.00	0.00

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Misc :
ALS Vial : 62 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
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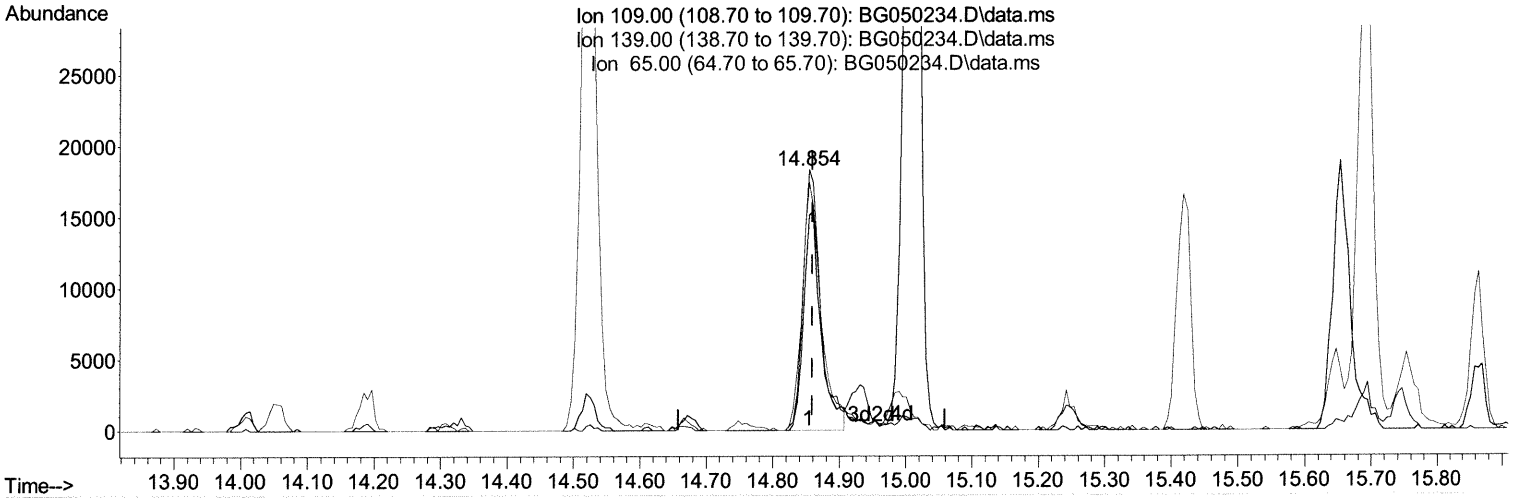

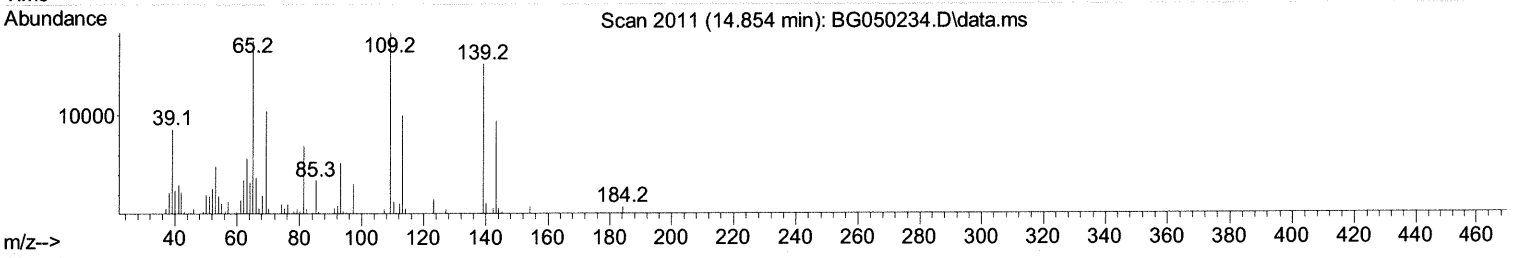

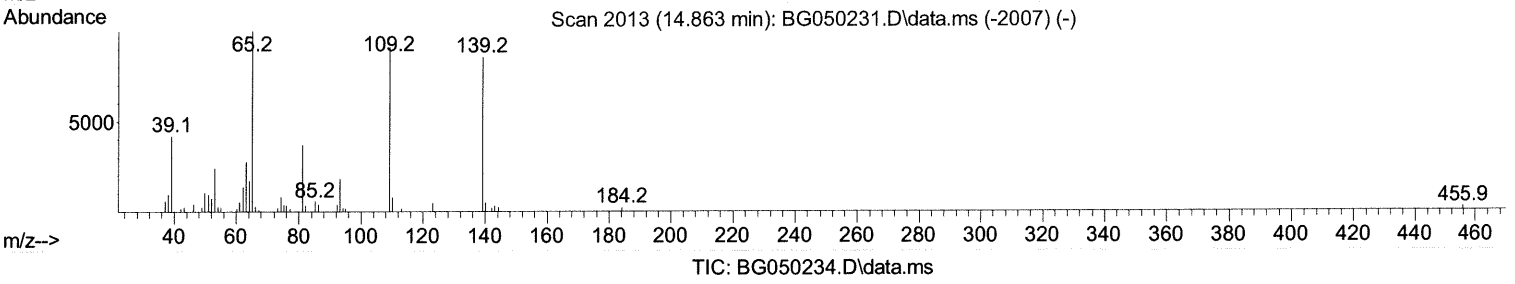

TIC: BG050234.D\data.ms

(55) 4-Nitrophenol

14.854min (-0.005) 33.27 ng/ul m 09/13/21 JU

response 33601

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	76.70	82.75
65.00	95.60	95.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG050234.D
Acq On : 9 Sep 2021 18:01
Operator : CG/JU
Sample : PB138900BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Sep 10 01:17:28 2021
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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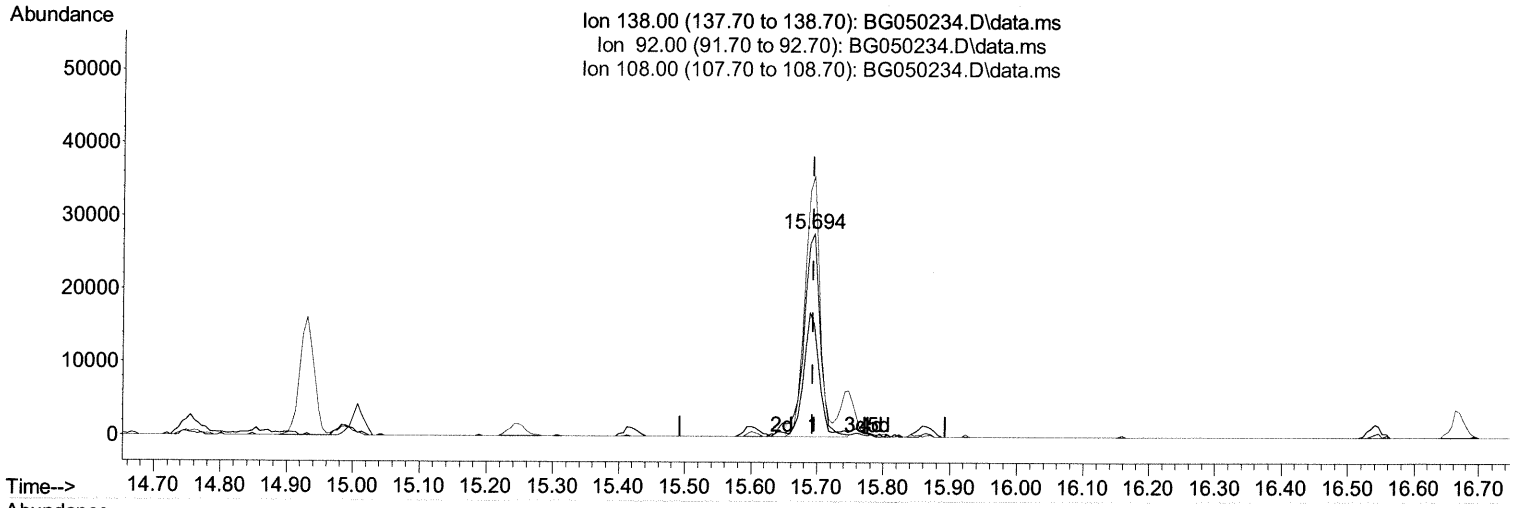

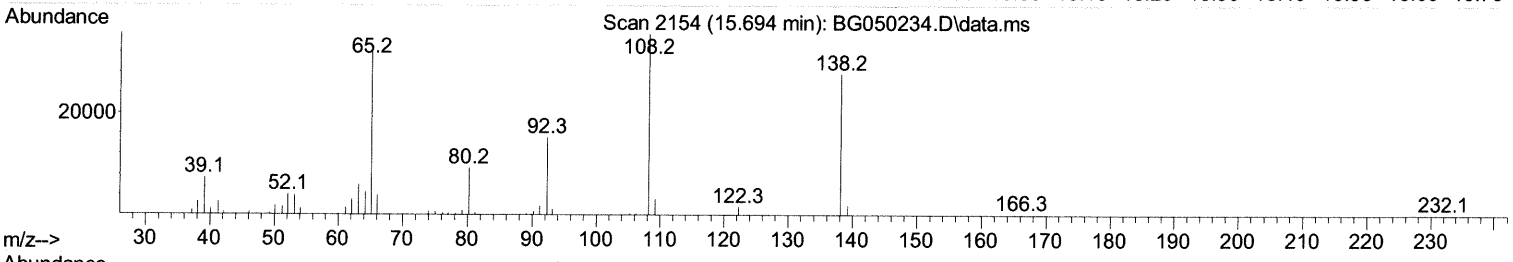

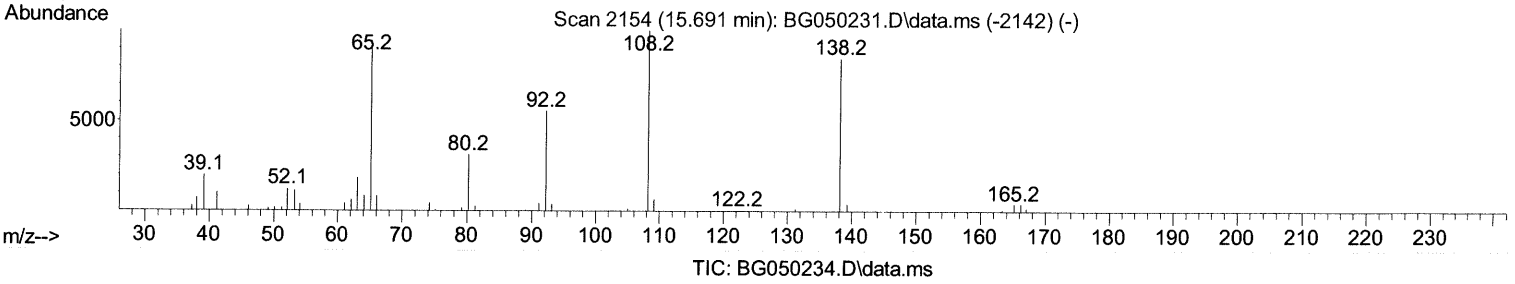

TIC: BG050234.D\data.ms

(63) 4-Nitroaniline

15.694min (+ 0.001) 36.42 ng/ul

response 47203

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	55.04
108.00	127.30	128.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG050234.D
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Sample : PB138900BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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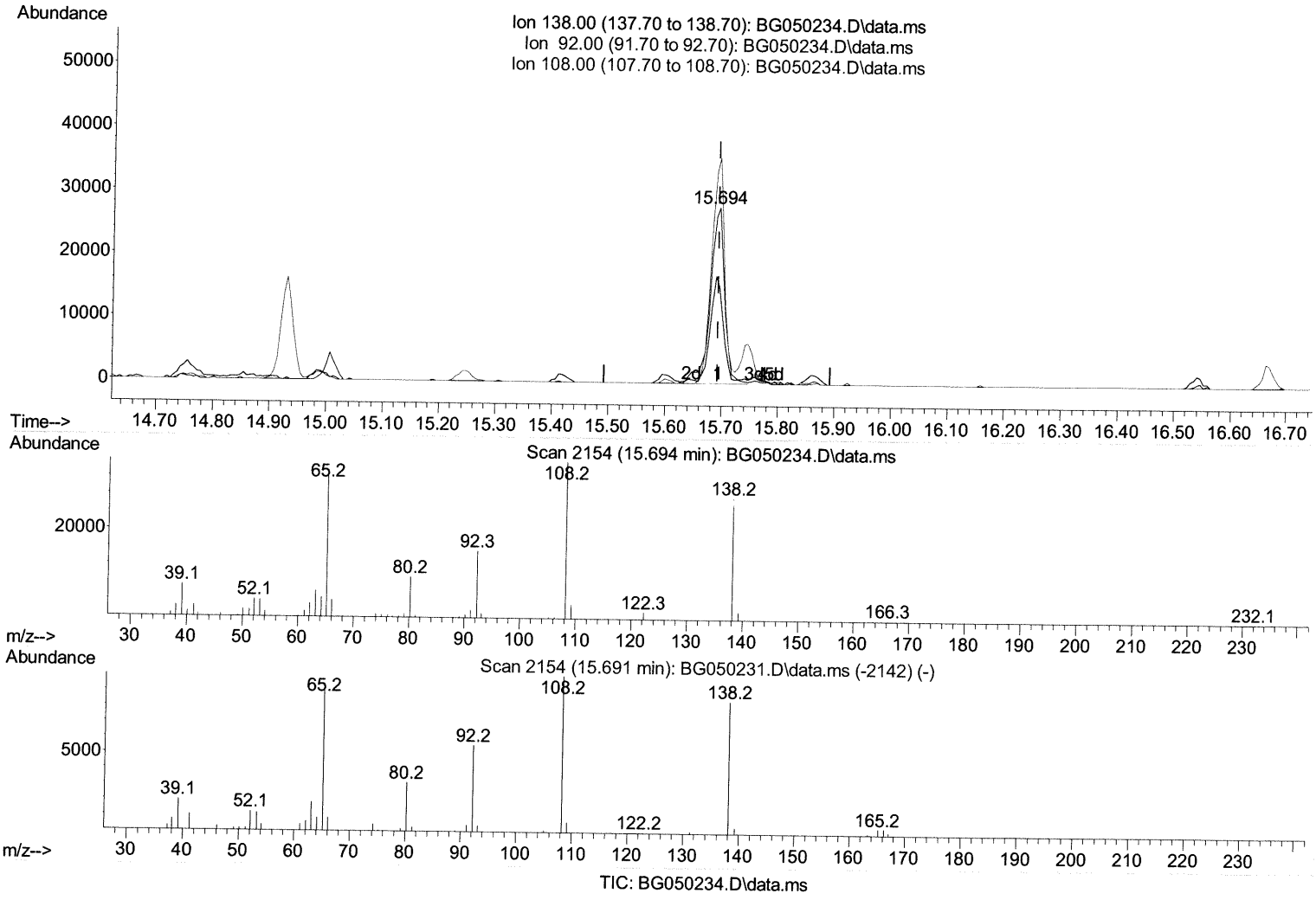

TIC: BG050234.D\data.ms

(63) 4-Nitroaniline

15.694min (+ 0.001) 37.86 ng/ul m 09/13/21 JU

response 49062

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	55.04
108.00	127.30	128.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
ClientSampleId : SLCS900

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	47701	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.766	136	265822	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.607	164	99603	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	210305	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.633	240	221851	20.000	ng/ul	0.00
88) Perylene-d12	24.846	264	232300	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	5691	5.898	ng/uL	0.00
4) Pyridine-d5	3.734	84	94758	27.667	ng/ul	0.00
7) Phenol-d5	7.123	99	93137	25.147	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	50462	23.330	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.482	132	69071	22.471	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	126338	43.385	ng/ul	0.00
21) Nitrobenzene-d5	9.115	128	47866	26.234	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.849	143	77194	34.794	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.395	165	136643	32.269	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.906	131	173407	33.239	ng/ul	-0.01
46) Dimethylphthalate-d6	14.008	166	343167	45.629	ng/ul	-0.01
49) Acenaphthylene-d8	14.302	160	294977	32.939	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.842	143	28470	31.373	ng/ul	-0.01
60) Fluorene-d10	15.600	176	195031	31.232	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.747	200	42484	33.489	ng/ul	0.00
73) Anthracene-d10	17.462	188	301561	31.942	ng/ul	0.00
81) Pyrene-d10	19.753	212	374733	33.911	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.629	264	386032	31.392	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	13384	12.181	ng/uL	98
5) Pyridine	3.751	79	108824	30.229	ng/ul#	89
6) Benzaldehyde	7.082	77	67063	32.665	ng/ul	94
8) Phenol	7.147	94	93394	25.607	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.364	93	66669	24.655	ng/ul	94
12) 2-Chlorophenol	7.511	128	71518	23.878	ng/ul#	86
13) 2-Methylphenol	8.410	108	100046	34.081	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	148794	54.523	ng/ul	95
16) Acetophenone	8.780	105	187588	43.784	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.756	70	102716	44.958	ng/ul	90
18) 4-Methylphenol	8.733	108	130588	46.837	ng/ul	91
19) Hexachloroethane	9.027	117	39689	31.768	ng/ul	98
22) Nitrobenzene	9.162	77	123322	25.953	ng/ul	97
23) Isophorone	9.685	82	335637	36.990	ng/ul#	96
25) 2-Nitrophenol	9.878	139	77937	35.609	ng/ul#	82
26) 2,4-Dimethylphenol	9.943	107	166451	31.958	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.166	93	195831	35.579	ng/ul	97
29) 2,4-Dichlorophenol	10.425	162	132931	34.322	ng/ul	96
30) Naphthalene	10.818	128	424917	34.805	ng/ul	98
32) 4-Chloroaniline	10.930	127	178853	36.395	ng/ul	93
33) Hexachlorobutadiene	11.094	225	95330	31.052	ng/ul	97
34) Caprolactam	11.705	113	46726m	> 39.655	ng/ul	> 09/03/2021
35) 4-Chloro-3-methylphenol	12.070	107	157055	35.979	ng/ul	98

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ClientSampleId : SLCS900

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	314365	34.821	ng/ul	98
37) 1-Methylnaphthalene	12.645	142	302437	34.888	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.798	216	165057	48.995	ng/ul#	96
40) Hexachlorocyclopentadiene	12.769	237	28650	31.364	ng/ul	96
41) 2,4,6-Trichlorophenol	13.045	196	99805	52.472	ng/ul	93
42) 2,4,5-Trichlorophenol	13.133	196	99590	50.069	ng/ul	92
43) 1,1'-Biphenyl	13.438	154	340288	47.324	ng/ul#	97
44) 2-Chloronaphthalene	13.485	162	257130	45.471	ng/ul	95
45) 2-Nitroaniline	13.697	65	89638	50.071	ng/ul	94
47) Dimethylphthalate	14.055	163	296219	41.265	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	59032	38.623	ng/ul#	82
50) Acenaphthylene	14.331	152	280222	33.482	ng/ul	97
51) 3-Nitroaniline	14.525	138	50363	36.194	ng/ul	95
52) Acenaphthene	14.672	153	198984	33.367	ng/ul	99
53) 2,4-Dinitrophenol	14.754	184	19722	31.507	ng/ul#	82
55) 4-Nitrophenol	14.854	109	33601m >	33.272	ng/ul >	09/13/21 JU
56) Dibenzofuran	15.007	168	254914	31.069	ng/ul	97
57) 2,4-Dinitrotoluene	14.989	165	71507	32.740	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.242	232	51905	34.453	ng/ul#	92
59) Diethylphthalate	15.418	149	234844	32.368	ng/ul	96
61) Fluorene	15.659	166	219180	31.863	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.647	204	113780	31.065	ng/ul	97
63) 4-Nitroaniline	15.694	138	49062m >	37.858	ng/ul >	09/13/21 JU
66) 4,6-Dinitro-2-methylph...	15.759	198	37992	33.721	ng/ul	98
67) N-Nitrosodiphenylamine	15.865	169	182474	32.088	ng/ul	98
68) 4-Bromophenyl-phenylether	16.546	248	82592	33.141	ng/ul	94
69) Hexachlorobenzene	16.669	284	91292	32.309	ng/ul	95
70) Atrazine	16.816	200	81669	34.252	ng/ul	98
71) Pentachlorophenol	17.028	266	22452	29.008	ng/ul	93
72) Phenanthrene	17.404	178	358784	33.450	ng/ul	99
74) Anthracene	17.498	178	355126	32.652	ng/ul#	95
75) 1,2,3,4-Tetrachloroben...	13.409	216	162568	49.880	ng/uL	93
76) Pentachlorobenzene	14.930	250	102212	30.374	ng/uL	98
77) Carbazole	17.774	167	318641	33.231	ng/ul	98
78) Di-n-butylphthalate	18.314	149	399451	34.448	ng/ul	98
80) Fluoranthene	19.419	202	460632	33.538	ng/ul	98
82) Pyrene	19.783	202	452081	33.559	ng/ul	99
83) Butylbenzylphthalate	20.658	149	176939	34.344	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.527	252	163736	34.216	ng/ul	98
85) Benzo(a)anthracene	21.616	228	440626	32.442	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.504	149	258094	33.544	ng/ul	99
87) Chrysene	21.680	228	426690	33.701	ng/ul	95
89) Di-n-octyl phthalate	22.702	149	433561	32.249	ng/ul	100
90) Benzo(b)fluoranthene	23.824	252	489778	33.690	ng/ul#	98
91) Benzo(k)fluoranthene	23.895	252	447309	32.233	ng/ul	99
93) Benzo(a)pyrene	24.700	252	413489	32.534	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.536	276	547245	32.860	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.583	278	450706	32.624	ng/ul#	97
96) Benzo(g,h,i)perylene	29.681	276	454419	34.057	ng/ul	95

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