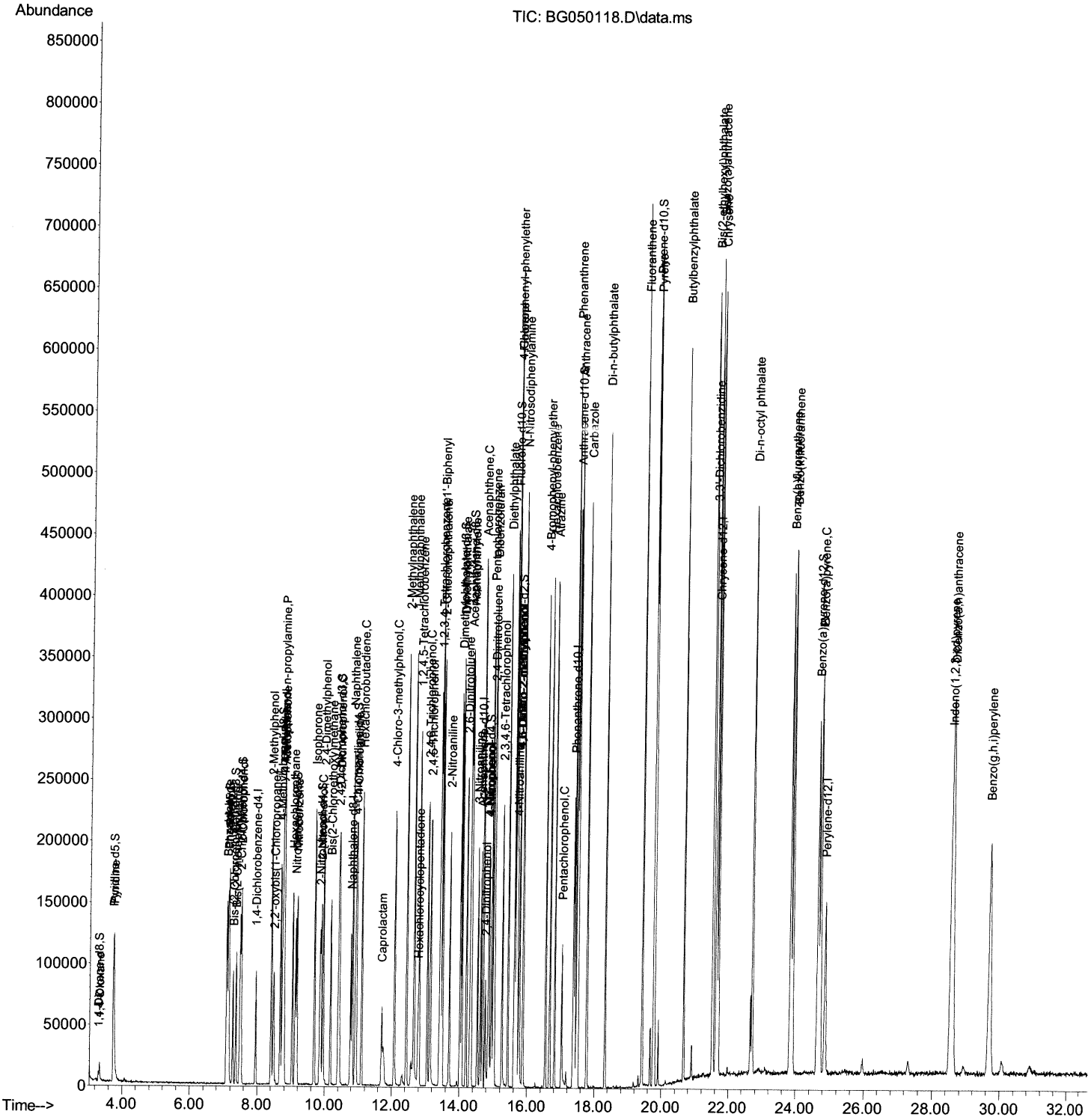
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050118.D
Acq On : 3 Sep 2021 6:04
Operator : CG/JU
Sample : PB138772BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 03 07:12:45 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 :
SLCS772

Manual Integrations APPROVED
mohammad
9/3/2021 3:32:31 PM



Quantitation Report (Qedit)

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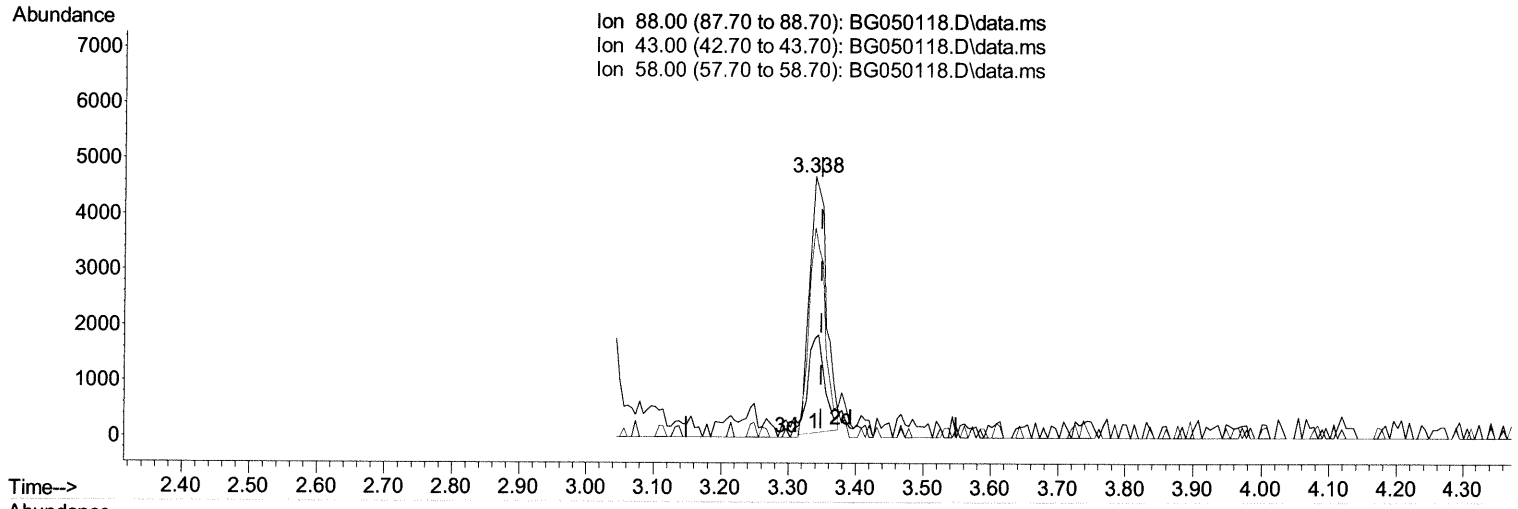

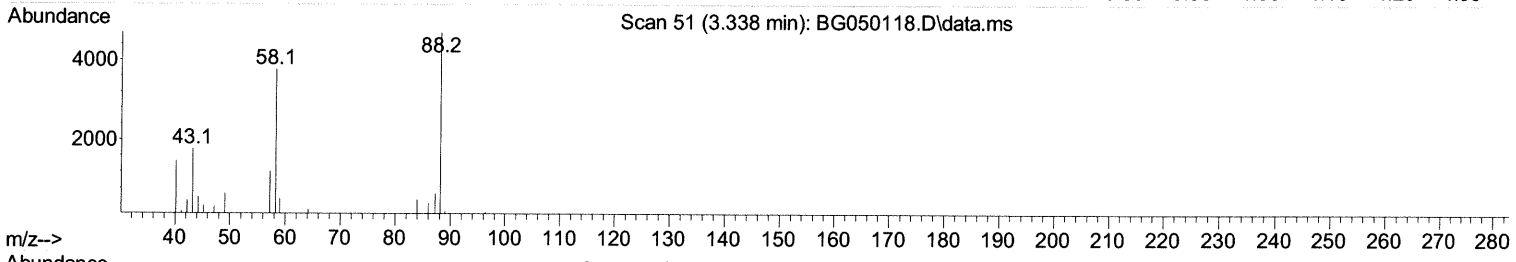

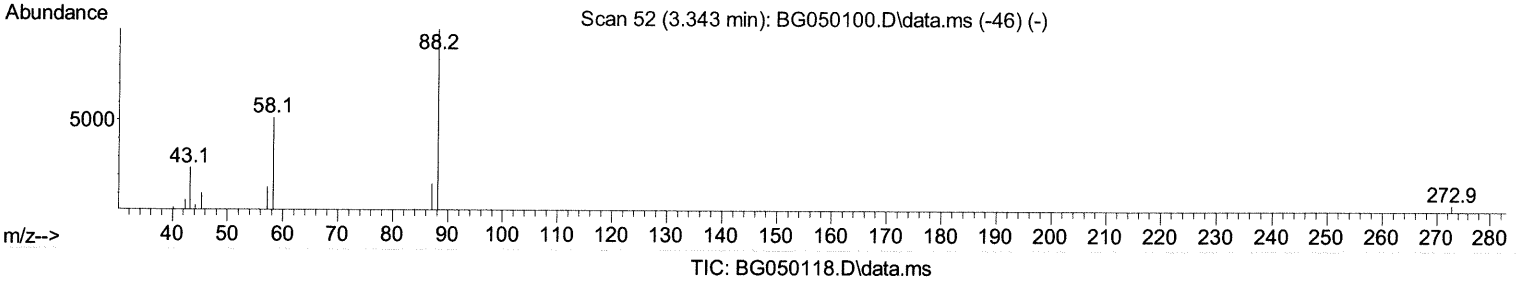

TIC: BG050118.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.011) 13.56 ng/uL

response 8212

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	37.87#
58.00	65.00	80.44#
0.00	0.00	0.00

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mohammad
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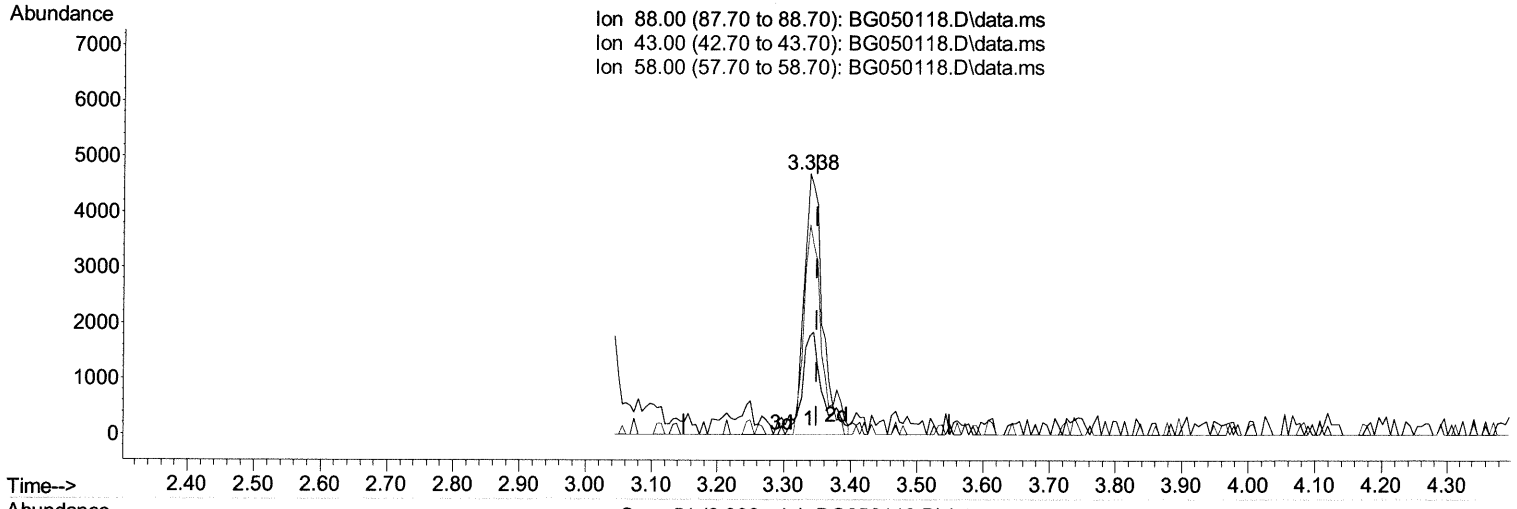

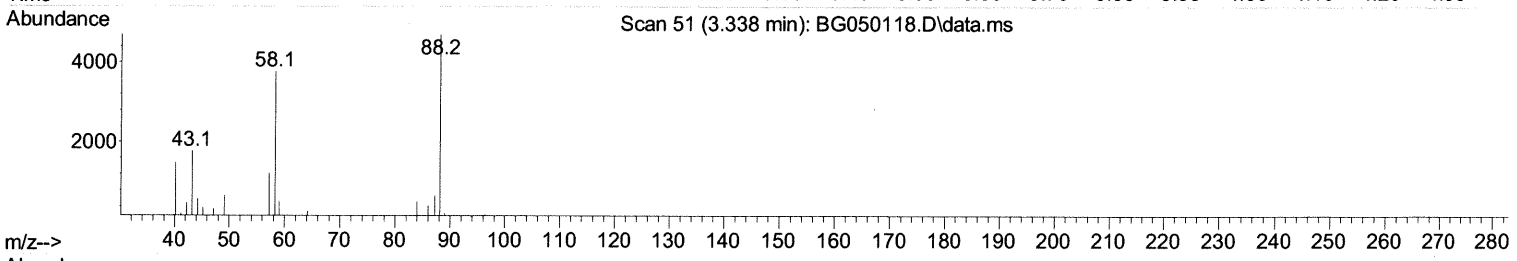

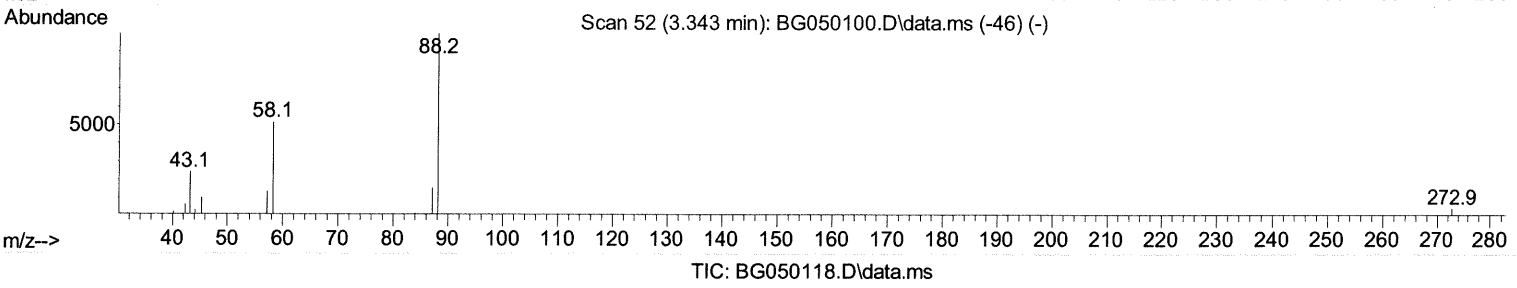

TIC: BG050118.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.011) 15.29 ng/uL m JG 9/8/21

response 9260

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	37.87#
58.00	65.00	80.44#
0.00	0.00	0.00

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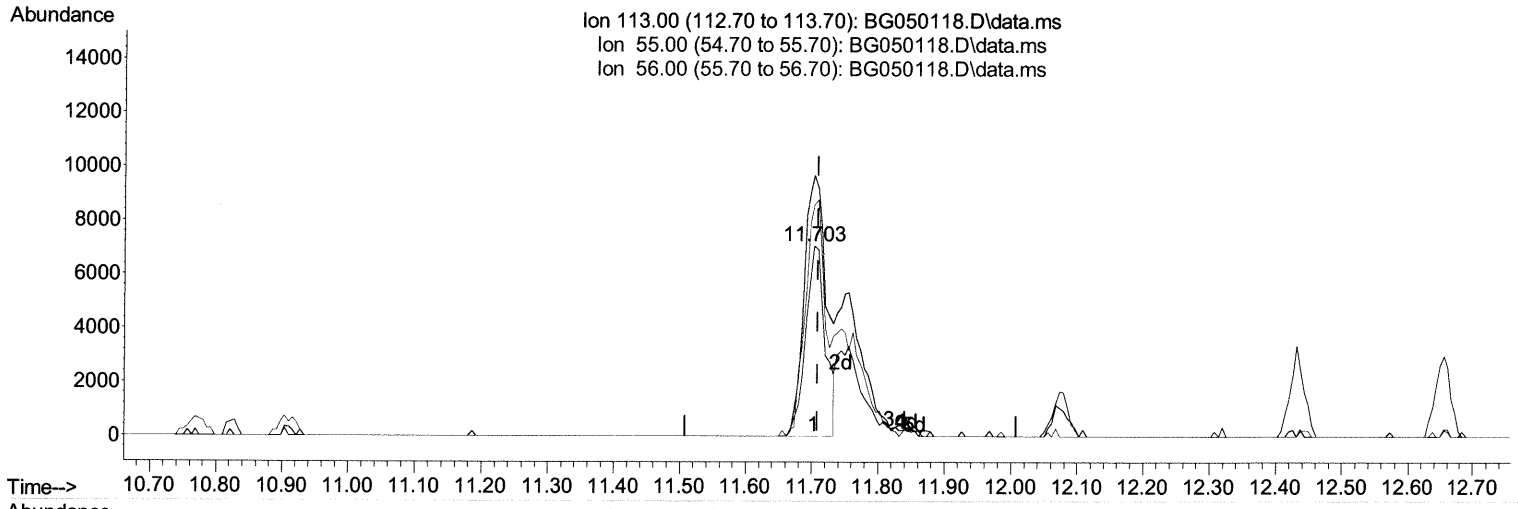

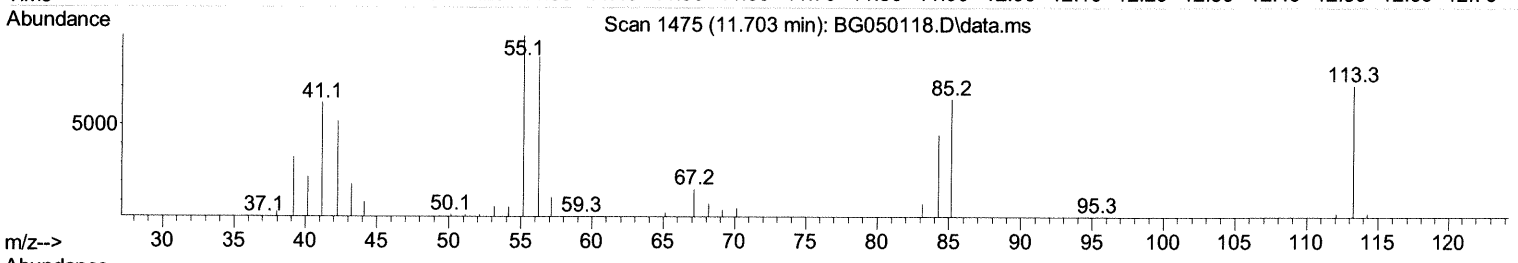

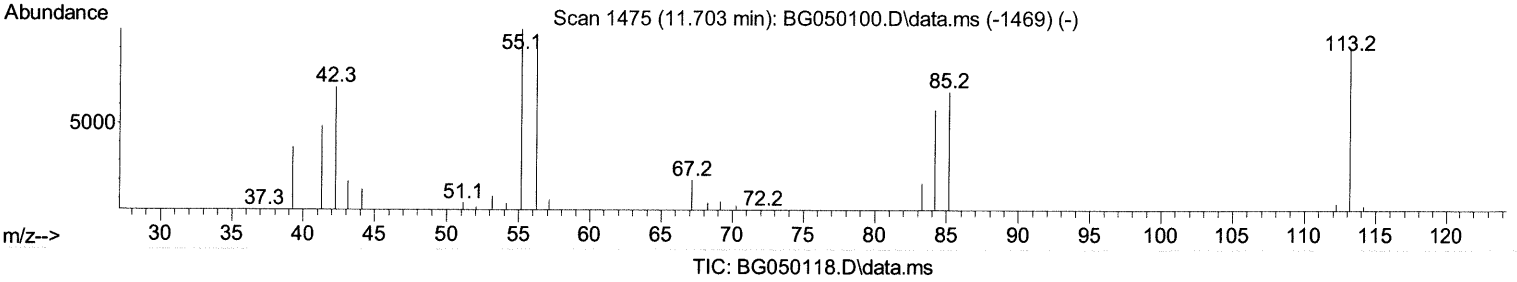

TIC: BG050118.D\data.ms

(34) Caprolactam

11.703min (-0.005) 26.80 ng/ul

response 14580

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	136.93
56.00	134.20	121.43
0.00	0.00	0.00

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BNA_G
ClientSampleId :
SLCS772

Manual Integrations APPROVED
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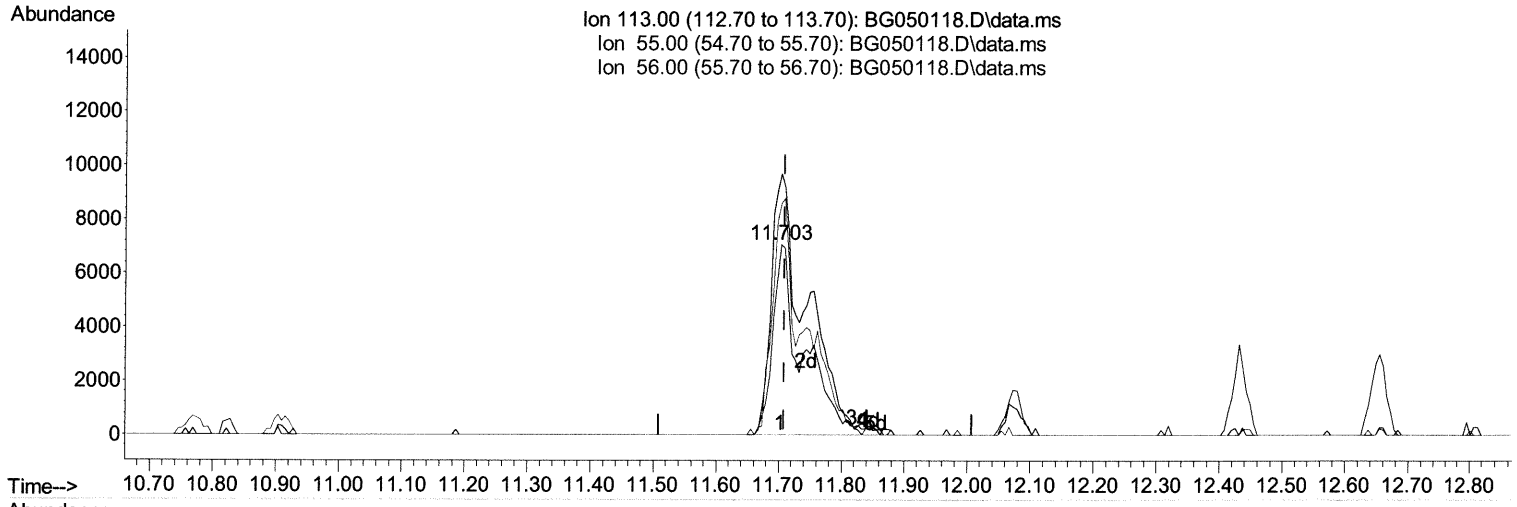

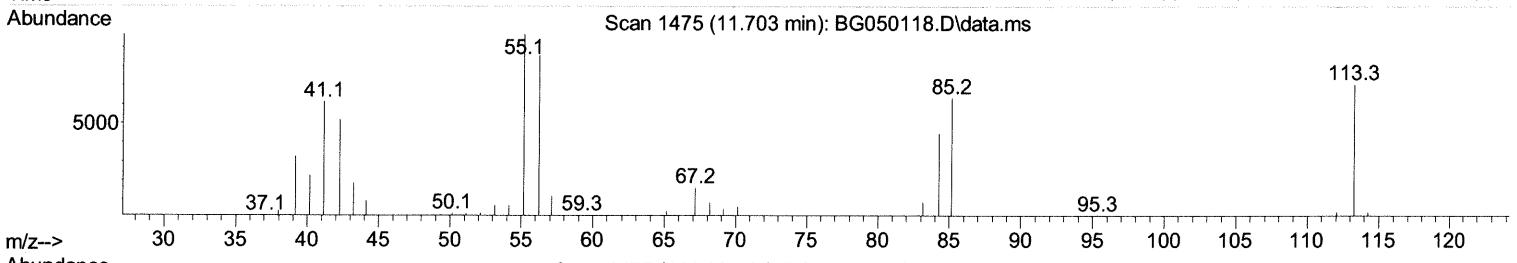

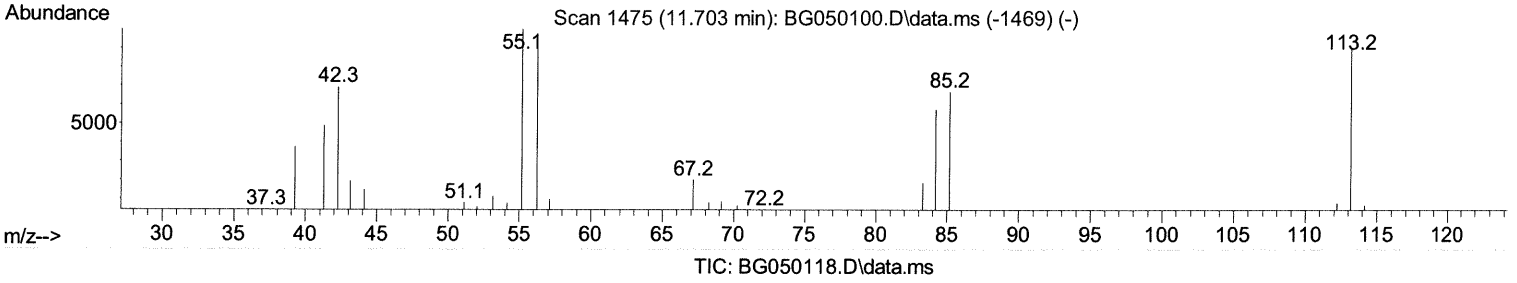

TIC: BG050118.D\data.ms

(34) Caprolactam

11.703min (-0.005) 44.18 ng/ul m

JH 9/8/21

response 24034

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	136.93
56.00	134.20	121.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB138772BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 03 07:12:45 2021
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual Integrations APPROVED
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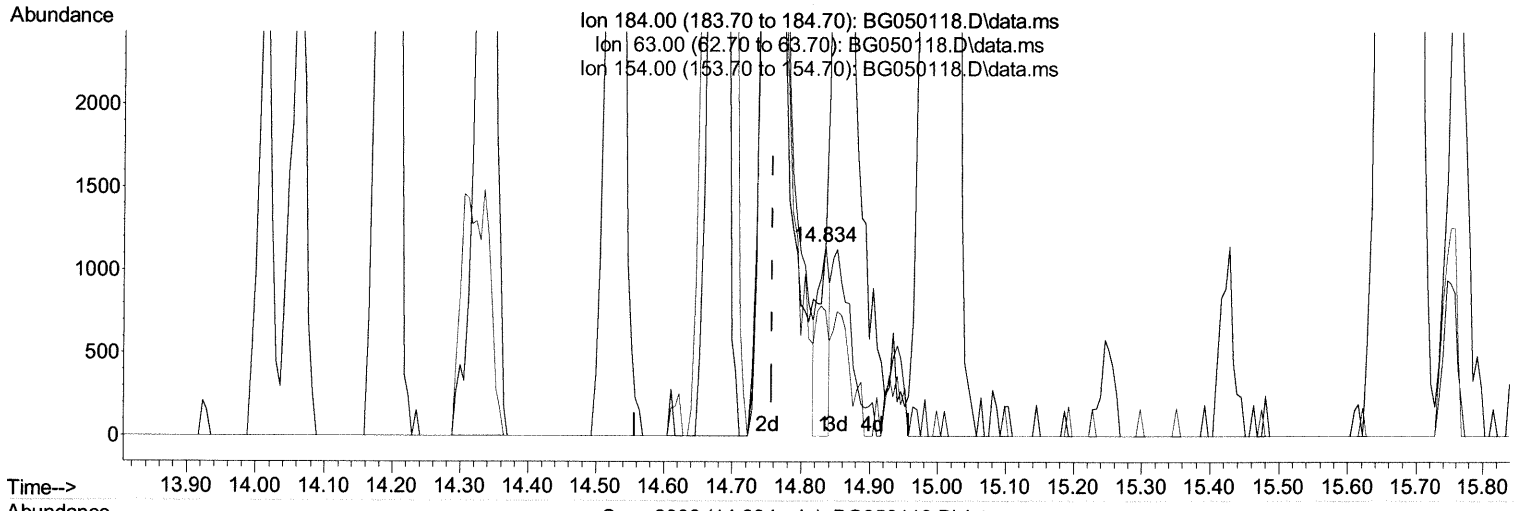

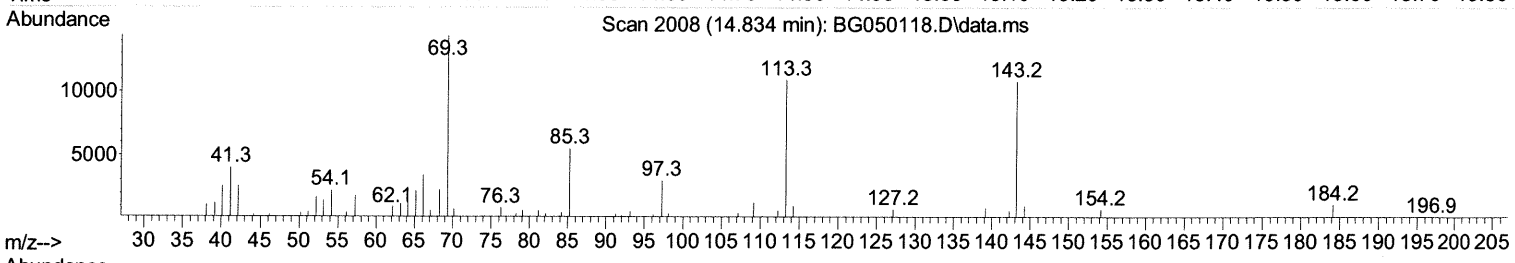

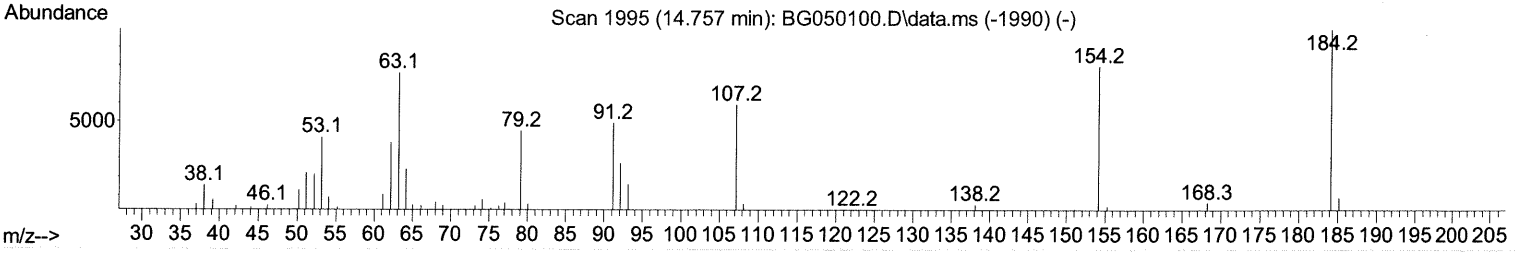

TIC: BG050118.D\data.ms

(53) 2,4-Dinitrophenol

14.834min (+ 0.077) 2.51 ng/ul

response 1374

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	94.80	101.31
154.00	80.70	65.97
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB138772BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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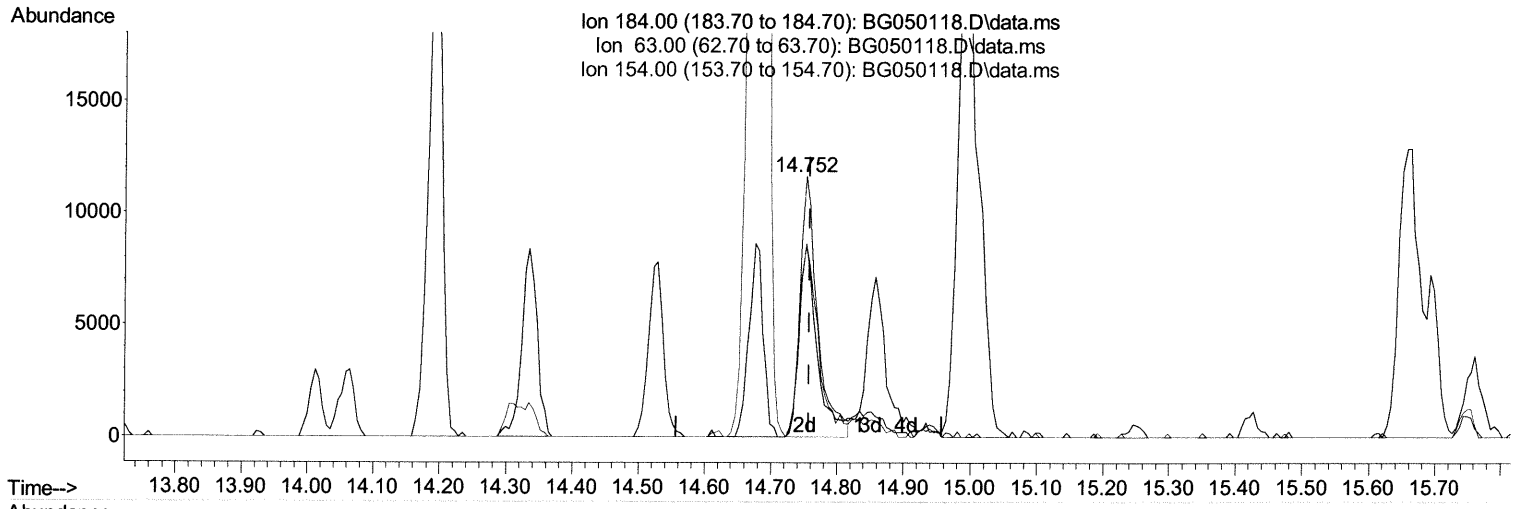
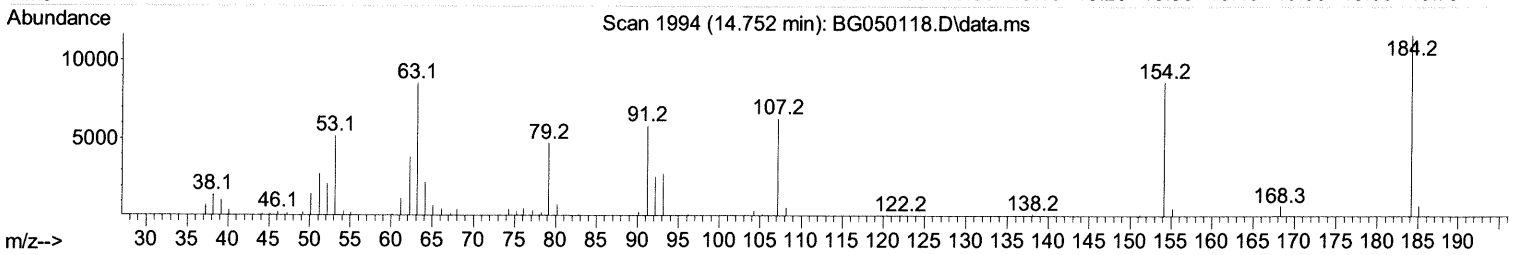
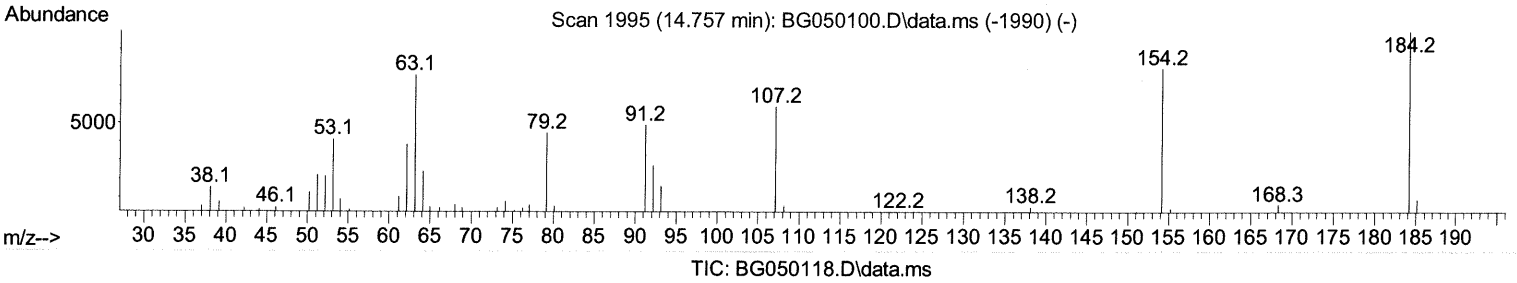
9/3/2021 3:32:31 PM







TIC: BG050118.D\data.ms

(53) 2,4-Dinitrophenol

14.752min (-0.005) 38.99 ng/ul m JHQ(8/21)

response 21305

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	94.80	73.37#
154.00	80.70	74.19
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	7.949	152	25614	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	102753	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.616	164	68420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.372	188	146133	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.642	240	150291	20.000	ng/ul	0.00
88) Perylene-d12	24.861	264	149229	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	4325	8.707	ng/uL	-0.01
4) Pyridine-d5	3.731	84	55947	37.394	ng/ul	-0.01
7) Phenol-d5	7.121	99	86141	39.604	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	46757	38.694	ng/ul	0.00
11) 2-Chlorophenol-d4	7.479	132	62290	38.274	ng/ul	-0.01
15) 4-Methylphenol-d8	8.672	113	66626	38.895	ng/ul	-0.01
21) Nitrobenzene-d5	9.124	128	32455	40.741	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	37677	39.720	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	67037	39.623	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	83919	36.442	ng/ul	-0.01
46) Dimethylphthalate-d6	14.011	166	211106	40.316	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	252907	41.193	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.846	143	28036	37.007	ng/ul	0.00
60) Fluorene-d10	15.609	176	178454	40.196	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	38550	41.004	ng/ul	0.00
73) Anthracene-d10	17.466	188	281042	42.828	ng/ul	-0.01
81) Pyrene-d10	19.762	212	344192	42.380	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.638	264	325361	41.096	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	9260m	15.292	ng/uL	> JH 9/8/21
5) Pyridine	3.755	79	65875	40.738	ng/ul	89
6) Benzaldehyde	7.085	77	58461	46.707	ng/ul	94
8) Phenol	7.150	94	92427	42.071	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.362	93	64762	42.702	ng/ul	97
12) 2-Chlorophenol	7.514	128	69867	43.445	ng/ul#	84
13) 2-Methylphenol	8.407	108	71209	42.013	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.484	45	66063	41.540	ng/ul#	90
16) Acetophenone	8.783	105	116159	41.581	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.760	70	61374	43.754	ng/ul	97
18) 4-Methylphenol	8.742	108	74404	40.805	ng/ul	89
19) Hexachloroethane	9.036	117	30420	43.223	ng/ul	96
22) Nitrobenzene	9.165	77	92421	42.816	ng/ul	99
23) Isophorone	9.688	82	167591	43.576	ng/ul	98
25) 2-Nitrophenol	9.882	139	40956	44.410	ng/ul	90
26) 2,4-Dimethylphenol	9.946	107	85984	41.952	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.170	93	87467	44.042	ng/ul#	93
29) 2,4-Dichlorophenol	10.428	162	69095	44.495	ng/ul	93
30) Naphthalene	10.822	128	222429	43.309	ng/ul	97
32) 4-Chloroaniline	10.933	127	91808	41.397	ng/ul	93
33) Hexachlorobutadiene	11.098	225	53845	42.863	ng/ul	98
34) Caprolactam	11.703	113	24034m	44.184	ng/ul	> JH 9/8/21
35) 4-Chloro-3-methylphenol	12.073	107	82355	44.375	ng/ul	99

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.437	142	165654	43.390	ng/ul	97
37) 1-Methylnaphthalene	12.654	142	161754	41.975	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.807	216	92778	46.167	ng/ul#	97
40) Hexachlorocyclopentadiene	12.778	237	15662	17.414	ng/ul	93
41) 2,4,6-Trichlorophenol	13.054	196	57188	44.655	ng/ul	89
42) 2,4,5-Trichlorophenol	13.136	196	58623	43.676	ng/ul	97
43) 1,1'-Biphenyl	13.442	154	215704	45.126	ng/ul	98
44) 2-Chloronaphthalene	13.489	162	168999	44.016	ng/ul	98
45) 2-Nitroaniline	13.700	65	58387	44.789	ng/ul	98
47) Dimethylphthalate	14.058	163	224333	43.290	ng/ul	99
48) 2,6-Dinitrotoluene	14.194	165	47957	44.824	ng/ul	87
50) Acenaphthylene	14.335	152	256344	45.683	ng/ul	97
51) 3-Nitroaniline	14.522	138	46582	45.120	ng/ul	94
52) Acenaphthene	14.681	153	181964	44.703	ng/ul	98
53) 2,4-Dinitrophenol	14.752	184	21305m	38.989	ng/ul	> > 9/8/21
55) 4-Nitrophenol	14.857	109	33851	35.242	ng/ul	91
56) Dibenzofuran	15.016	168	249297	44.226	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	69532	45.181	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	51264	46.091	ng/ul#	96
59) Diethylphthalate	15.427	149	229920	43.371	ng/ul	98
61) Fluorene	15.668	166	212038	44.585	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.650	204	112603	44.749	ng/ul	96
63) 4-Nitroaniline	15.697	138	47680	46.280	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.762	198	37345	43.824	ng/ul	96
67) N-Nitrosodiphenylamine	15.868	169	181623	47.207	ng/ul	98
68) 4-Bromophenyl-phenylether	16.549	248	80781	49.971	ng/ul	98
69) Hexachlorobenzene	16.678	284	88991	47.673	ng/ul	95
70) Atrazine	16.819	200	81762	47.837	ng/ul	96
71) Pentachlorophenol	17.031	266	26422	33.427	ng/ul	91
72) Phenanthrene	17.413	178	355113	48.745	ng/ul	98
74) Anthracene	17.501	178	349687	47.367	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.412	216	94860	48.383	ng/uL	93
76) Pentachlorobenzene	14.940	250	99545	47.916	ng/uL	97
77) Carbazole	17.777	167	315808	48.074	ng/ul	99
78) Di-n-butylphthalate	18.317	149	392163	46.677	ng/ul	99
80) Fluoranthene	19.428	202	446134	44.515	ng/ul#	98
82) Pyrene	19.792	202	442522	44.560	ng/ul	99
83) Butylbenzylphthalate	20.661	149	179826	45.885	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.537	252	153726	43.150	ng/ul	95
85) Benzo(a)anthracene	21.625	228	418876	44.729	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.513	149	246378	45.777	ng/ul	100
87) Chrysene	21.689	228	401791	45.388	ng/ul	95
89) Di-n-octyl phthalate	22.711	149	408756	46.173	ng/ul	100
90) Benzo(b)fluoranthene	23.839	252	432654	45.325	ng/ul#	98
91) Benzo(k)fluoranthene	23.904	252	420671	46.362	ng/ul	99
93) Benzo(a)pyrene	24.715	252	383606	46.273	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.556	276	494431	45.214	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.603	278	413004	45.115	ng/ul	99
96) Benzo(g,h,i)perylene	29.714	276	408939	44.481	ng/ul	98

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