Quantitation Report (QT Reviewed)

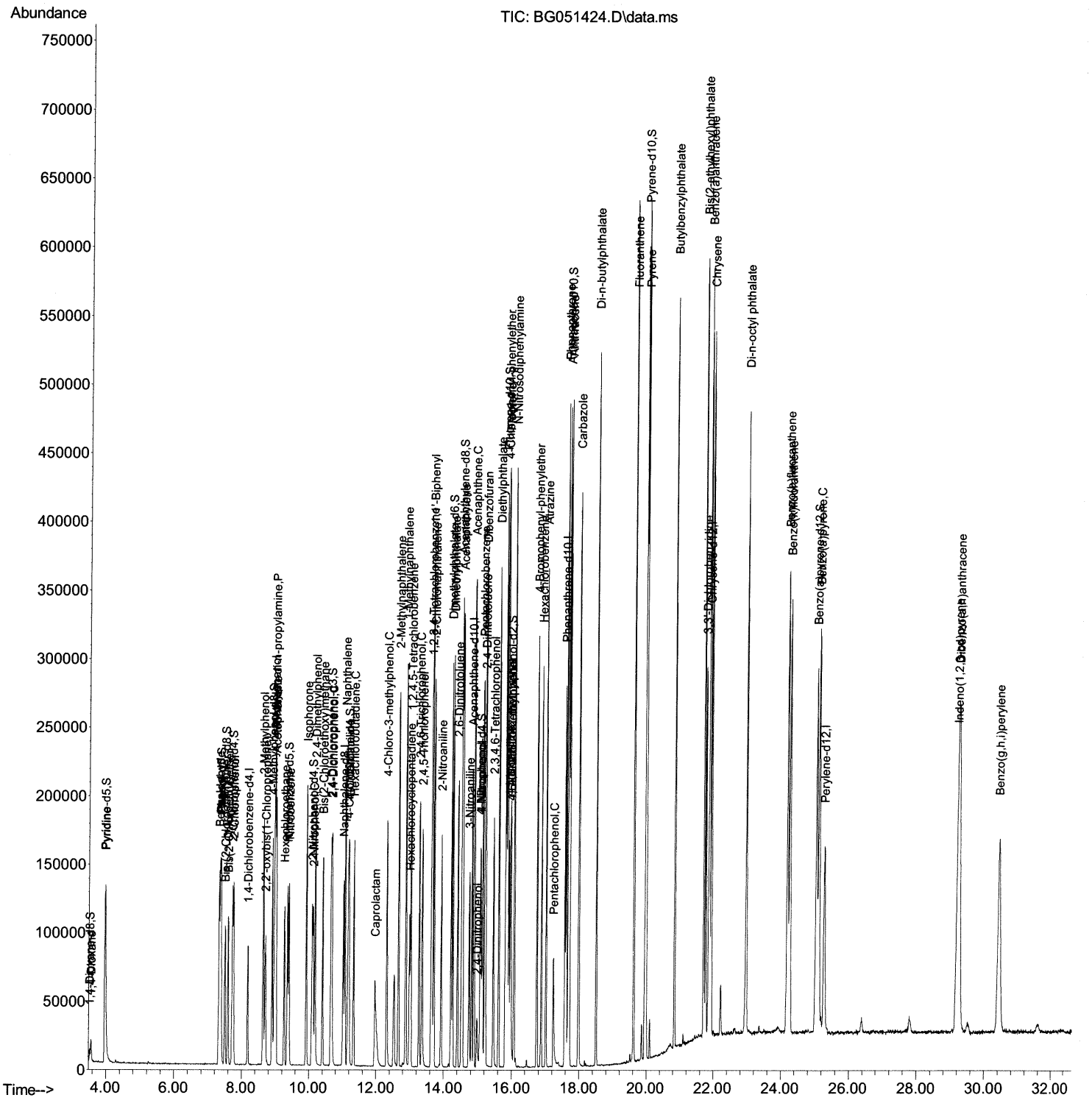
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
Data File : BG051424.D
Acq On : 9 Dec 2021 2:33
Operator : CG/JU
Sample : PB141217BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 09 07:33:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS217

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :Yogesh Patel 12/16/2021



Quantitation Report (Qedit)

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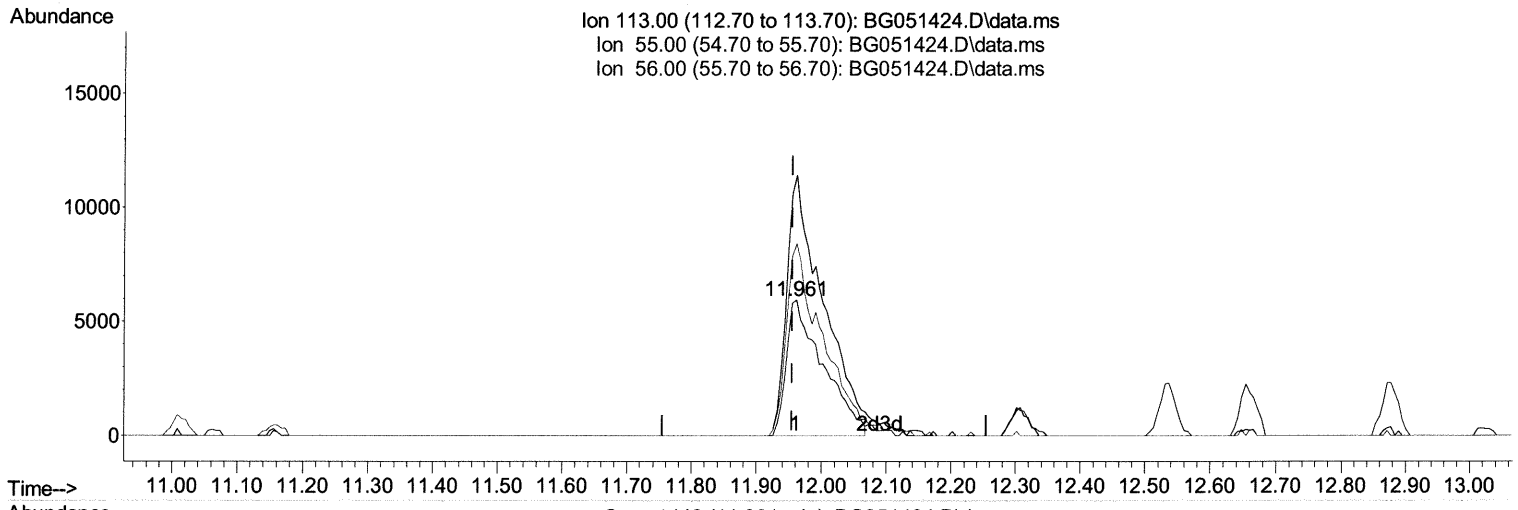

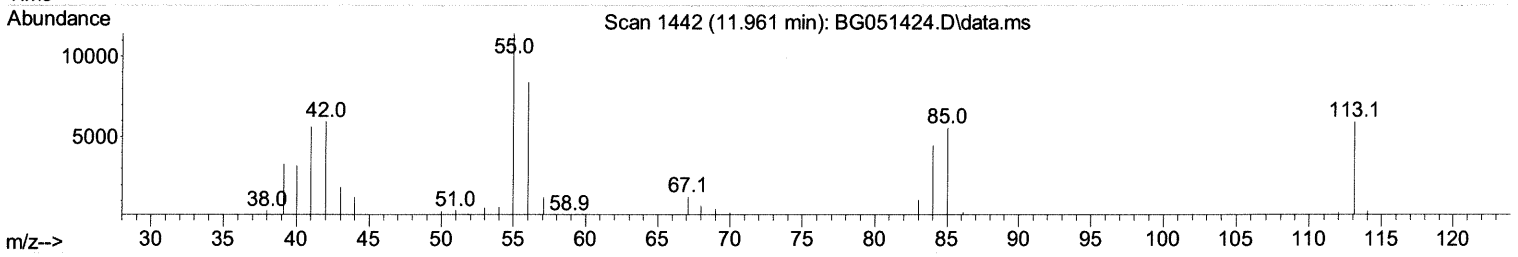

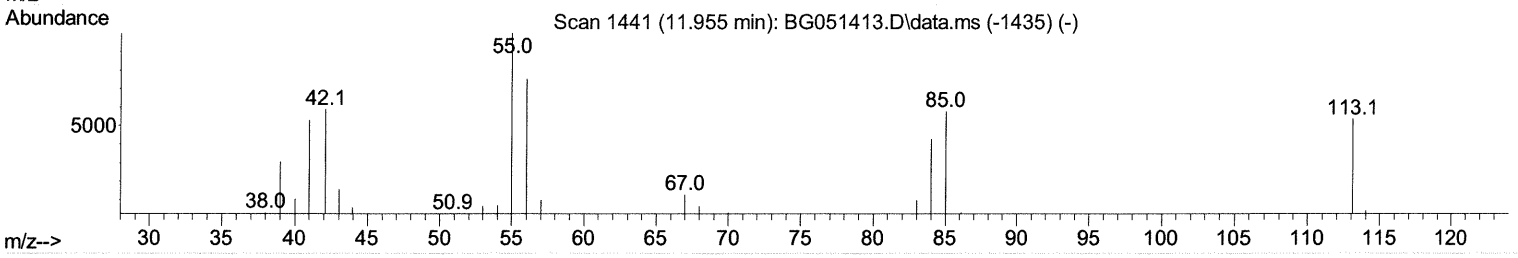

TIC: BG051424.D\data.ms

(34) Caprolactam

11.961min (+ 0.006) 32.40 ng/ul

response 23307

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	192.55
56.00	136.50	141.86
0.00	0.00	0.00

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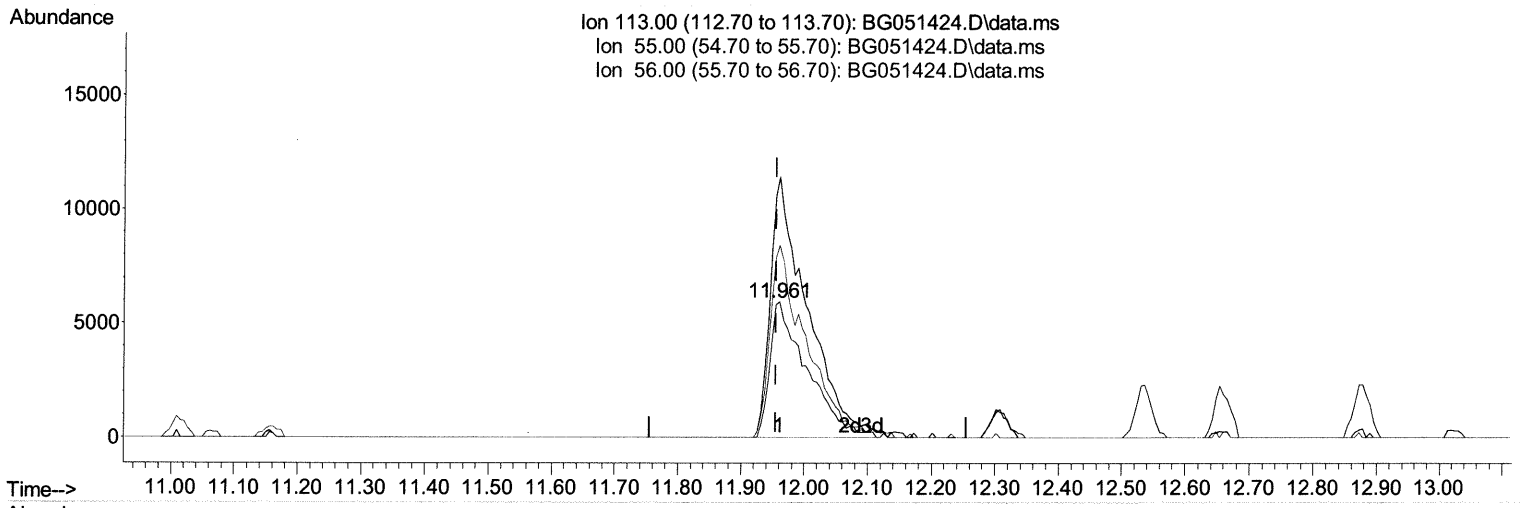

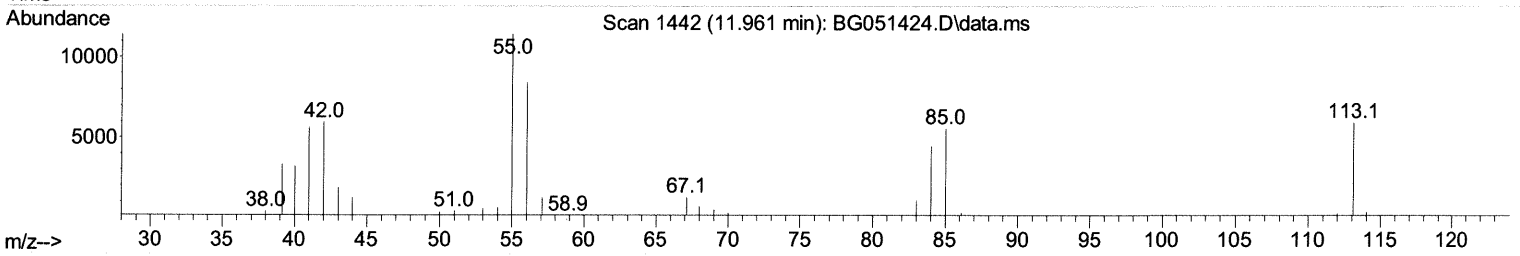

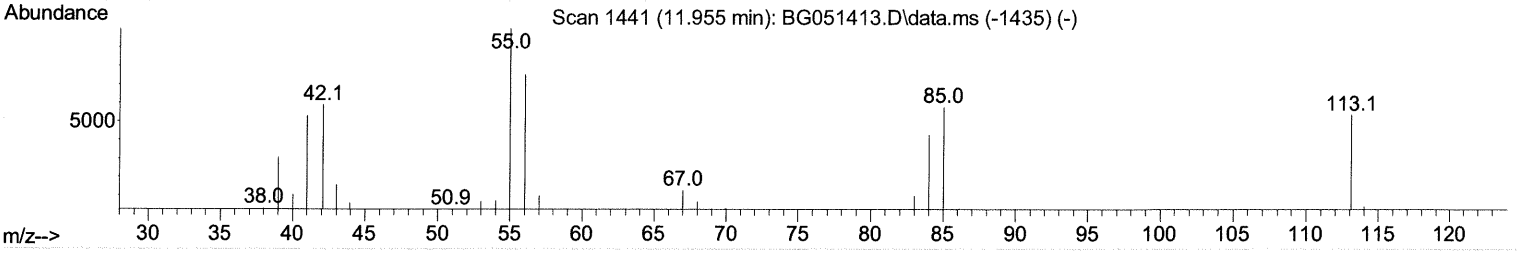

TIC: BG051424.D\data.ms

(34) Caprolactam

11.961min (+ 0.006) 33.36 ng/ul m 12/16/21 JU

response 24002

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	192.55
56.00	136.50	141.86
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : PB141217BS
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ALS Vial : 16 Sample Multiplier: 1

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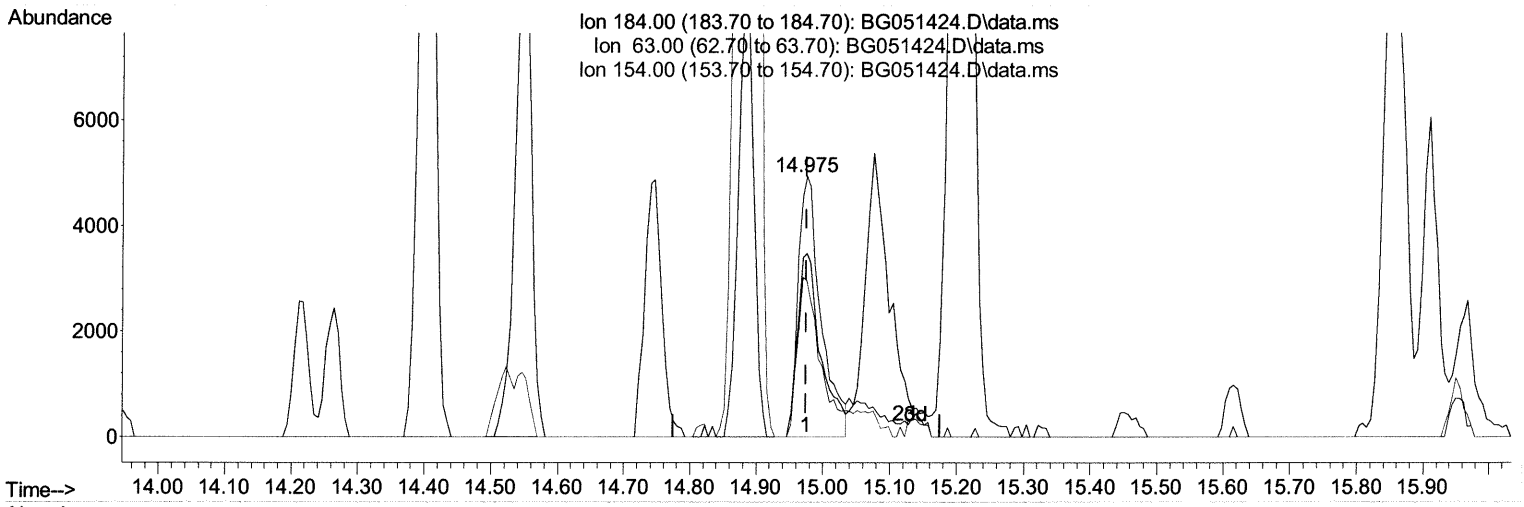

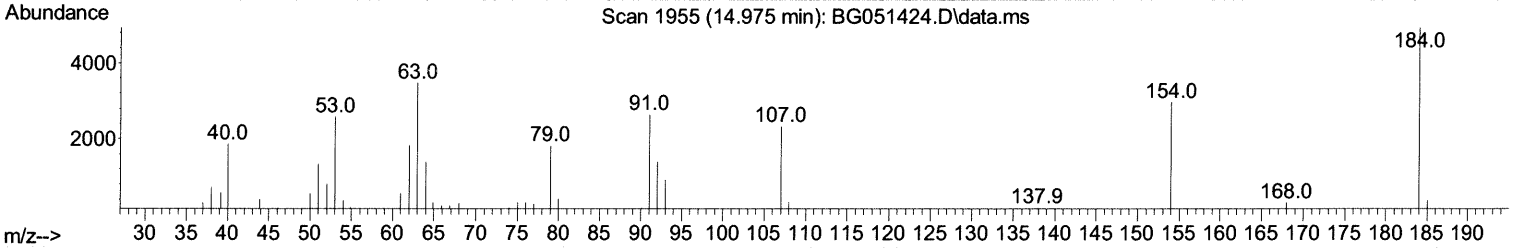

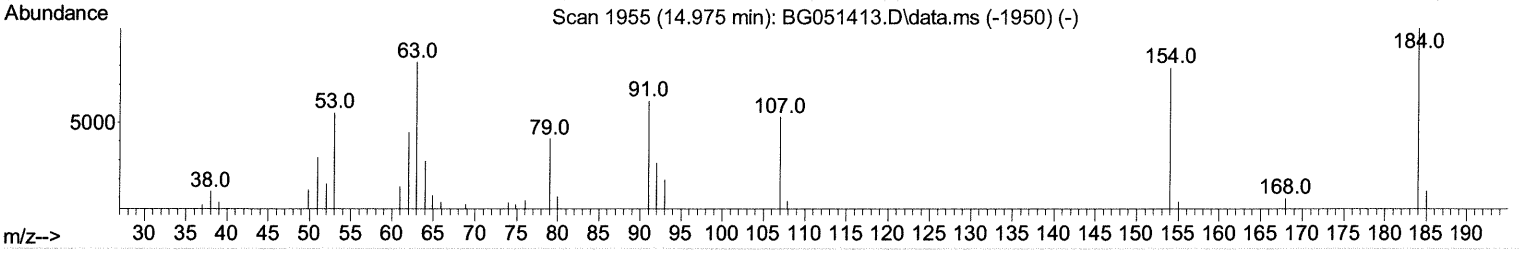

TIC: BG051424.D\data.ms

(53) 2,4-Dinitrophenol

14.975min (+ 0.000) 18.43 ng/ul

response 11725

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	70.40
154.00	67.00	60.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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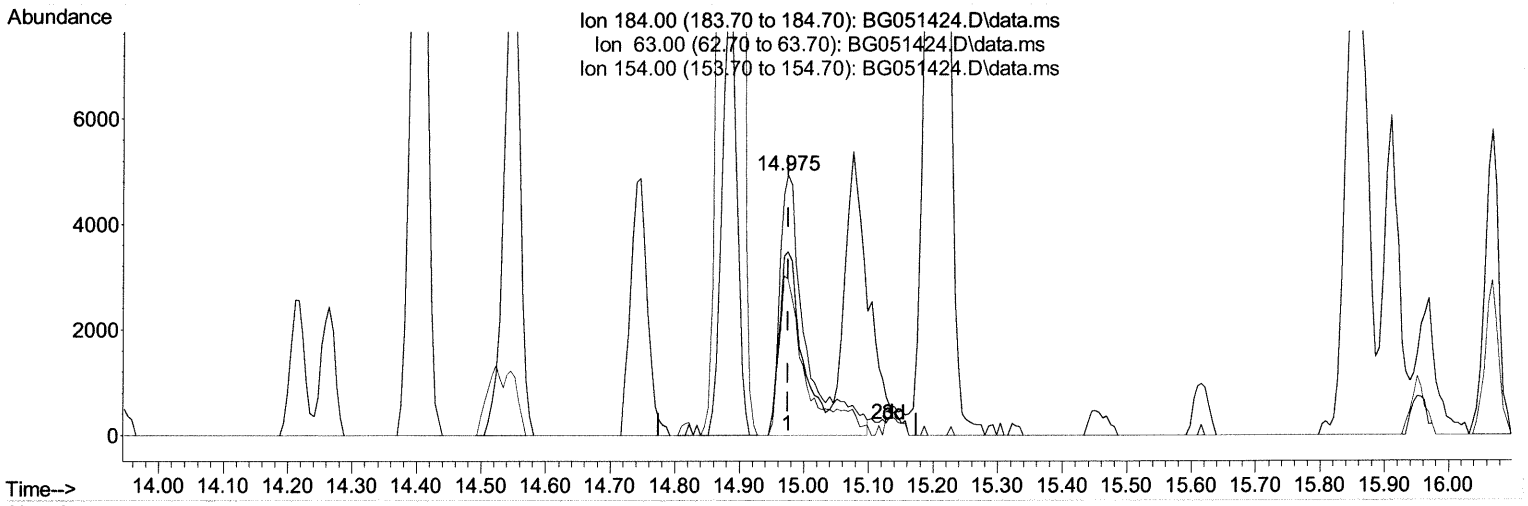
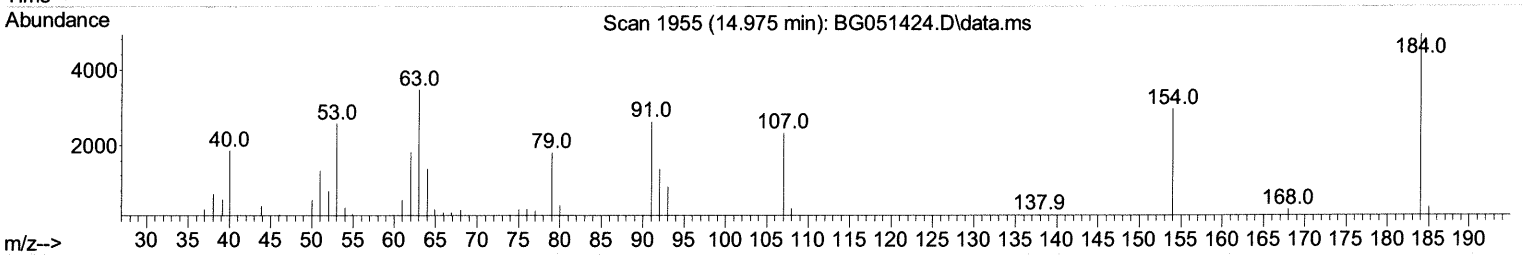
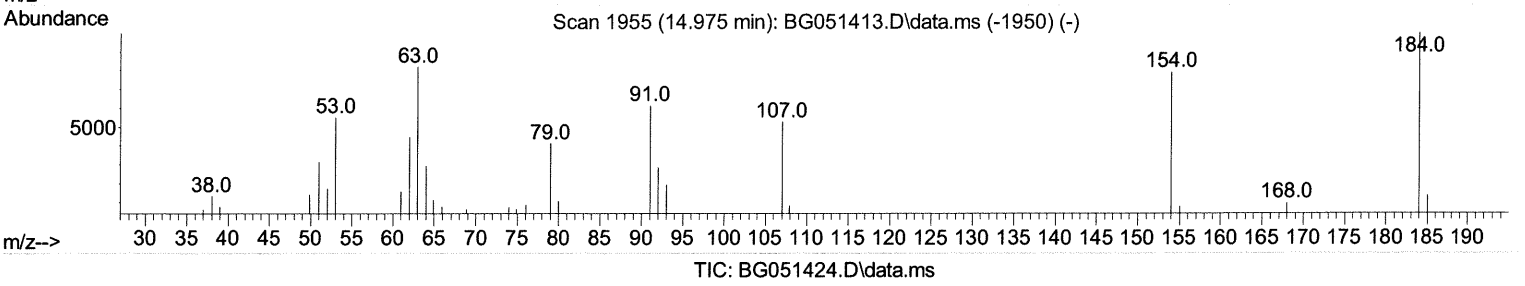
Supervised By :Yogesh Patel 12/16/2021







TIC: BG051424.D\data.ms

(53) 2,4-Dinitrophenol

14.975min (+ 0.000) 21.70 ng/ul m 12/16/21 JU

response 13806

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	70.40
154.00	67.00	60.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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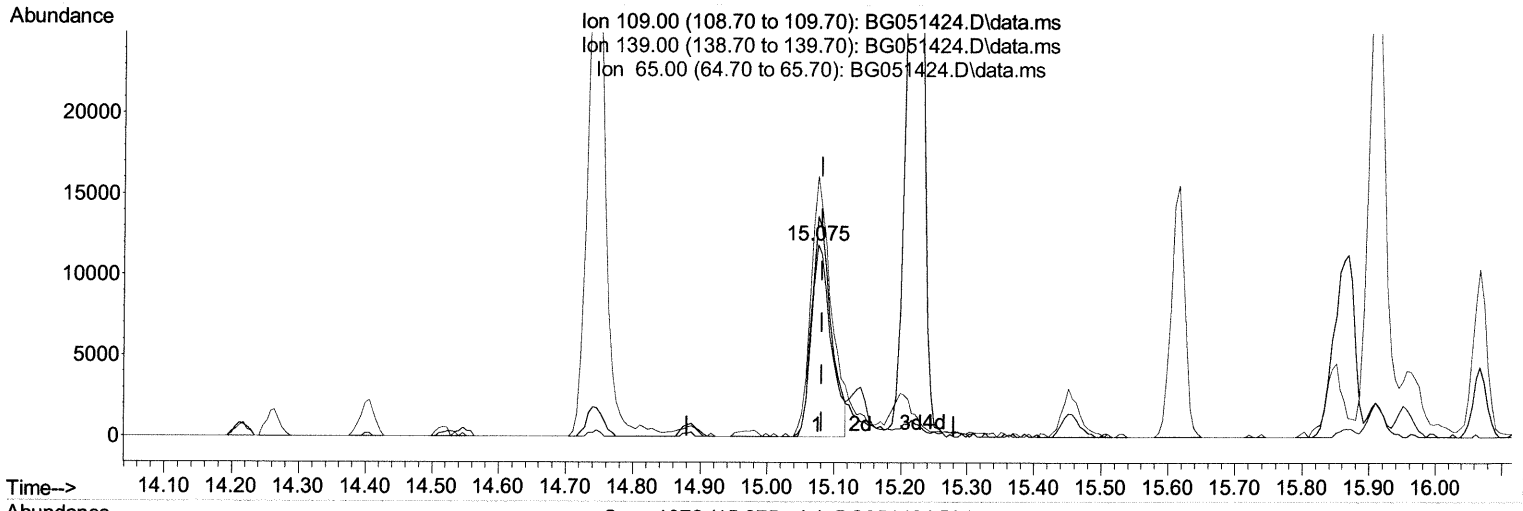

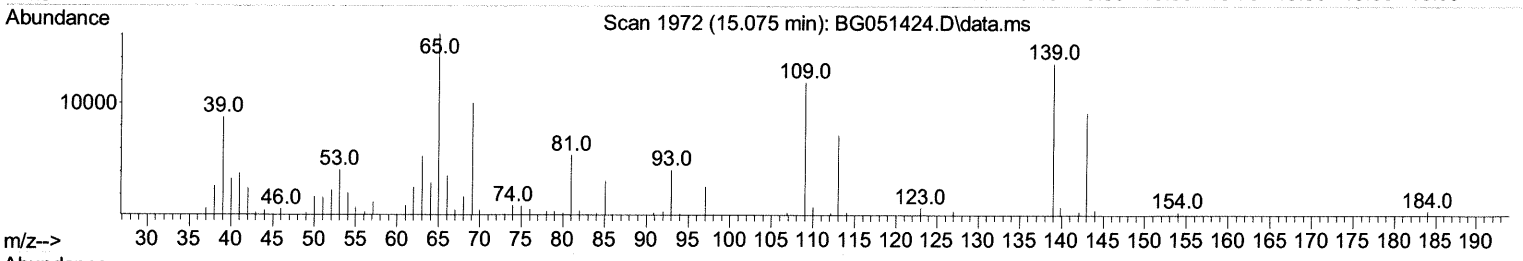

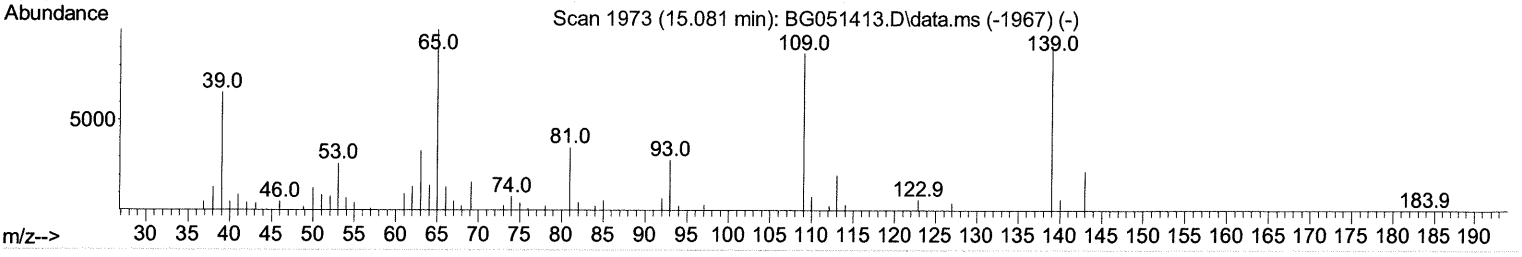

TIC: BG051424.D\data.ms

(55) 4-Nitrophenol

15.075min (-0.006) 28.11 ng/ul

response 24293

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	114.71
65.00	142.00	135.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 16 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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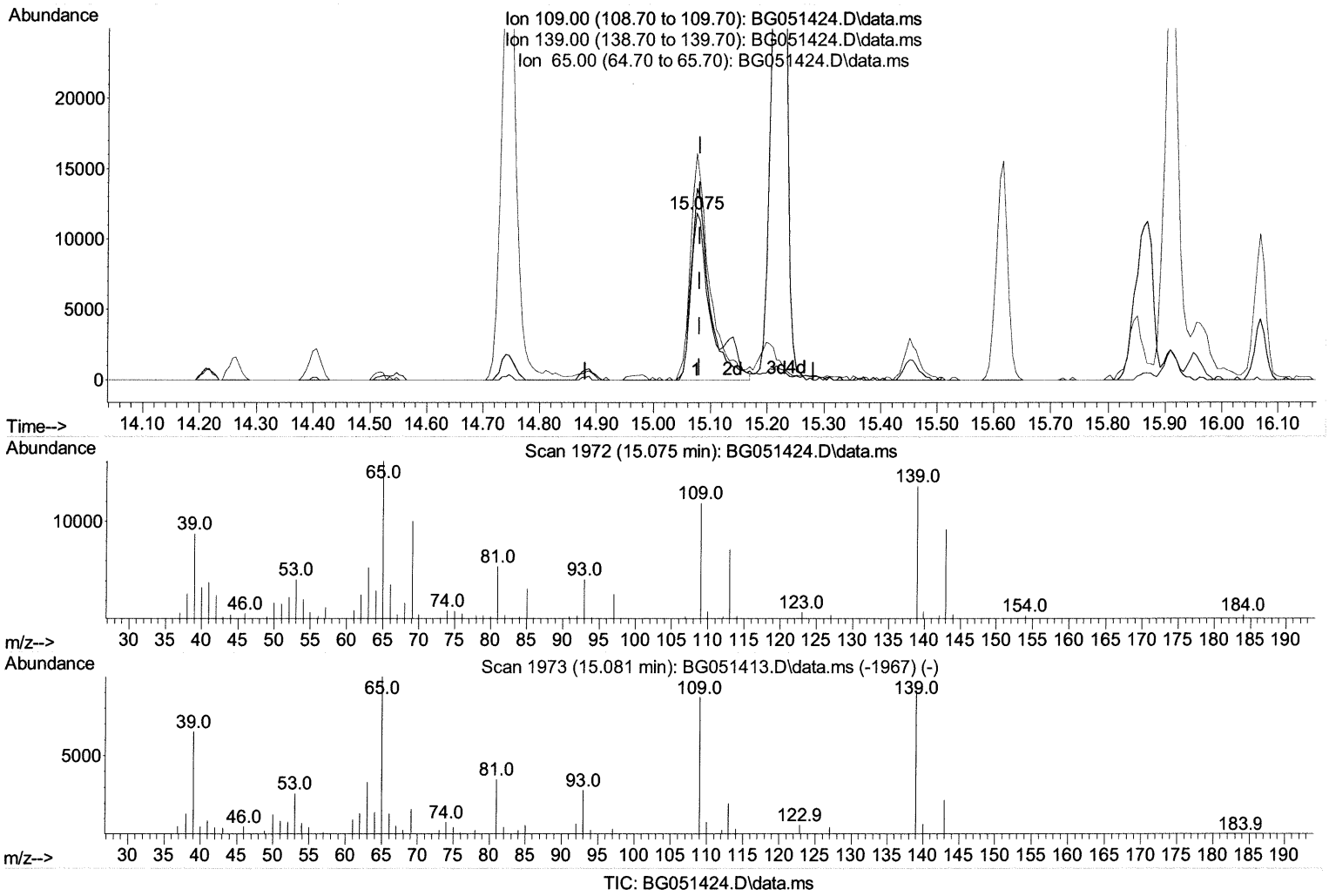

TIC: BG051424.D\data.ms

(55) 4-Nitrophenol

15.075min (-0.006) 34.69 ng/ul m 12/6/21JU

response 29974

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	114.71
65.00	142.00	135.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	24696	20.000	ng/ul	0.00
20) Naphthalene-d8	11.015	136	110886	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	74565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	168317	20.000	ng/ul	0.00
79) Chrysene-d12	21.878	240	153413	20.000	ng/ul	0.00
88) Perylene-d12	25.275	264	150368	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4474	5.949	ng/uL	0.00
4) Pyridine-d5	3.964	84	64484	29.860	ng/ul	0.00
7) Phenol-d5	7.360	99	83685	33.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	52625	32.641	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	59802	33.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	67036	33.941	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	32149	33.422	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	36761	33.773	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	61987	35.006	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	75264	29.060	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	196366	34.034	ng/ul	0.00
49) Acenaphthylene-d8	14.517	160	247635	33.888	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	29089	33.486	ng/ul	0.00
60) Fluorene-d10	15.809	176	176856	34.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	32339	32.332	ng/ul	0.00
73) Anthracene-d10	17.672	188	276950	35.166	ng/ul	0.00
81) Pyrene-d10	19.951	212	330865	35.881	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.040	264	284239	36.649	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	9784	11.660	ng/uL#	85
5) Pyridine	3.982	79	66663	29.574	ng/ul	96
6) Benzaldehyde	7.325	77	57156	35.761	ng/ul	95
8) Phenol	7.384	94	83725	32.536	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.595	93	62469	31.694	ng/ul	96
12) 2-Chlorophenol	7.754	128	57849	31.573	ng/ul	100
13) 2-Methylphenol	8.641	108	61292	31.992	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.706	45	92876	31.314	ng/ul	98
16) Acetophenone	9.017	105	96856	31.670	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.994	70	58425	31.866	ng/ul	96
18) 4-Methylphenol	8.976	108	66257	32.920	ng/ul	94
19) Hexachloroethane	9.270	117	24383	30.777	ng/ul	95
22) Nitrobenzene	9.411	77	82757	31.624	ng/ul	99
23) Isophorone	9.928	82	162204	32.284	ng/ul	99
25) 2-Nitrophenol	10.128	139	35806	32.852	ng/ul	95
26) 2,4-Dimethylphenol	10.180	107	74253	32.170	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.404	93	88931	32.683	ng/ul	99
29) 2,4-Dichlorophenol	10.674	162	56967	32.813	ng/ul	99
30) Naphthalene	11.062	128	195222	32.059	ng/ul	98
32) 4-Chloroaniline	11.179	127	71819	27.567	ng/ul	98
33) Hexachlorobutadiene	11.326	225	37683	31.822	ng/ul	96
34) Caprolactam	11.961	113	24002m	33.365	ng/ul	12/16/21 JU
35) 4-Chloro-3-methylphenol	12.307	107	72081	33.425	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.660	142	131727	32.439	ng/ul	99
37) 1-Methylnaphthalene	12.877	142	136176	32.580	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.024	216	74703	32.175	ng/ul	97
40) Hexachlorocyclopentadiene	12.983	237	32697	26.594	ng/ul	94
41) 2,4,6-Trichlorophenol	13.271	196	49445	32.967	ng/ul	100
42) 2,4,5-Trichlorophenol	13.359	196	53975	33.614	ng/ul	98
43) 1,1'-Biphenyl	13.653	154	181403	32.541	ng/ul	98
44) 2-Chloronaphthalene	13.706	162	144360	33.005	ng/ul	99
45) 2-Nitroaniline	13.917	65	54994	33.265	ng/ul	96
47) Dimethylphthalate	14.264	163	189091	32.518	ng/ul	99
48) 2,6-Dinitrotoluene	14.405	165	41147	33.440	ng/ul	94
50) Acenaphthylene	14.546	152	232407	32.231	ng/ul	98
51) 3-Nitroaniline	14.740	138	37661	31.782	ng/ul	92
52) Acenaphthene	14.887	153	153853	32.519	ng/ul	98
53) 2,4-Dinitrophenol	14.975	184	13806m	21.695	ng/ul	
55) 4-Nitrophenol	15.075	109	29974m	34.685	ng/ul	
56) Dibenzofuran	15.222	168	219254	32.687	ng/ul	98
57) 2,4-Dinitrotoluene	15.198	165	58536	33.281	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.457	232	41455	34.074	ng/ul	97
59) Diethylphthalate	15.615	149	204065	32.516	ng/ul	99
61) Fluorene	15.868	166	175222	32.256	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.850	204	92425	32.409	ng/ul	99
63) 4-Nitroaniline	15.909	138	40617	38.614	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.968	198	30272	31.130	ng/ul	99
67) N-Nitrosodiphenylamine	16.068	169	159503	33.993	ng/ul	98
68) 4-Bromophenyl-phenylether	16.743	248	57725	33.965	ng/ul	95
69) Hexachlorobenzene	16.873	284	59252	34.204	ng/ul	96
70) Atrazine	17.014	200	67270	33.227	ng/ul	99
71) Pentachlorophenol	17.237	266	20292	27.057	ng/ul	96
72) Phenanthrene	17.613	178	308268	33.992	ng/ul	99
74) Anthracene	17.707	178	302281	33.298	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.629	216	78904	33.524	ng/uL	97
76) Pentachlorobenzene	15.139	250	70112	32.902	ng/uL	99
77) Carbazole	17.983	167	283233	35.049	ng/ul	99
78) Di-n-butylphthalate	18.500	149	367740	33.942	ng/ul	100
80) Fluoranthene	19.616	202	389168	34.277	ng/ul	98
82) Pyrene	19.981	202	376467	33.789	ng/ul	99
83) Butylbenzylphthalate	20.839	149	167054	34.378	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.761	252	97686	30.153	ng/ul	97
85) Benzo(a)anthracene	21.855	228	353383	34.870	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.708	149	234102	34.684	ng/ul	99
87) Chrysene	21.926	228	333183	34.481	ng/ul	99
89) Di-n-octyl phthalate	22.965	149	390722	35.333	ng/ul	100
90) Benzo(b)fluoranthene	24.188	252	351718	35.609	ng/ul	98
91) Benzo(k)fluoranthene	24.258	252	318273	34.598	ng/ul	99
93) Benzo(a)pyrene	25.116	252	329672	35.043	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.199	276	358775	34.363	ng/ul	98
95) Dibenzo(a,h)anthracene	29.246	278	302103	34.325	ng/ul	99
96) Benzo(g,h,i)perylene	30.433	276	300123	34.373	ng/ul	97

12/6/21 JD

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