Quantitation Report (QT Reviewed)

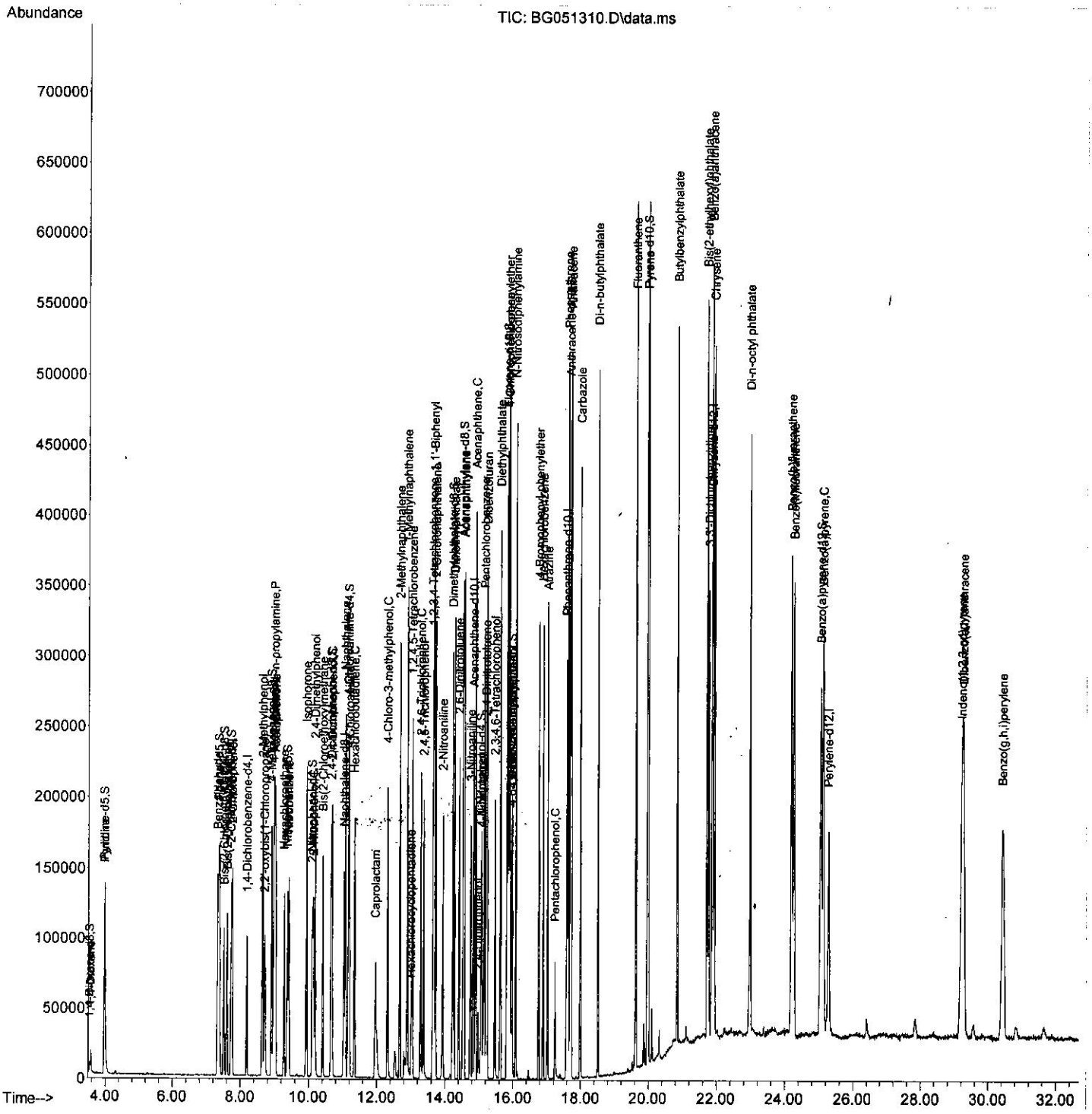
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051310.D
Acq On : 2 Dec 2021 19:04
Operator : CG/JU
Sample : PB141106BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 03 00:01:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS106

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



Quantitation Report (Qedit)

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Data File : BG051310.D
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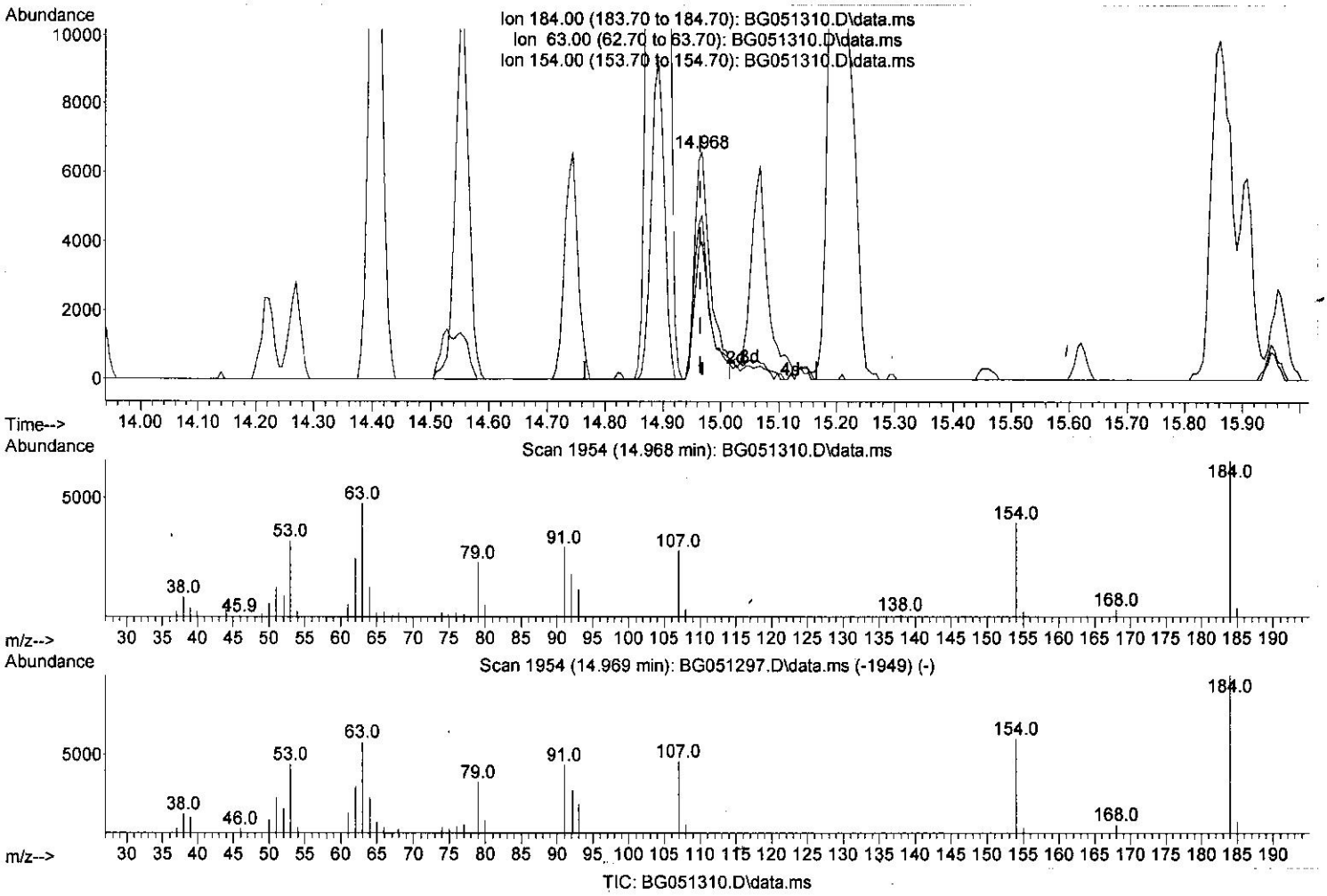

TIC: BG051310.D\data.ms

(53) 2,4-Dinitrophenol

14.968min (+ 0.002) 16.67 ng/ul

response 12652

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	72.52
154.00	67.00	60.79
0.00	0.00	0.00

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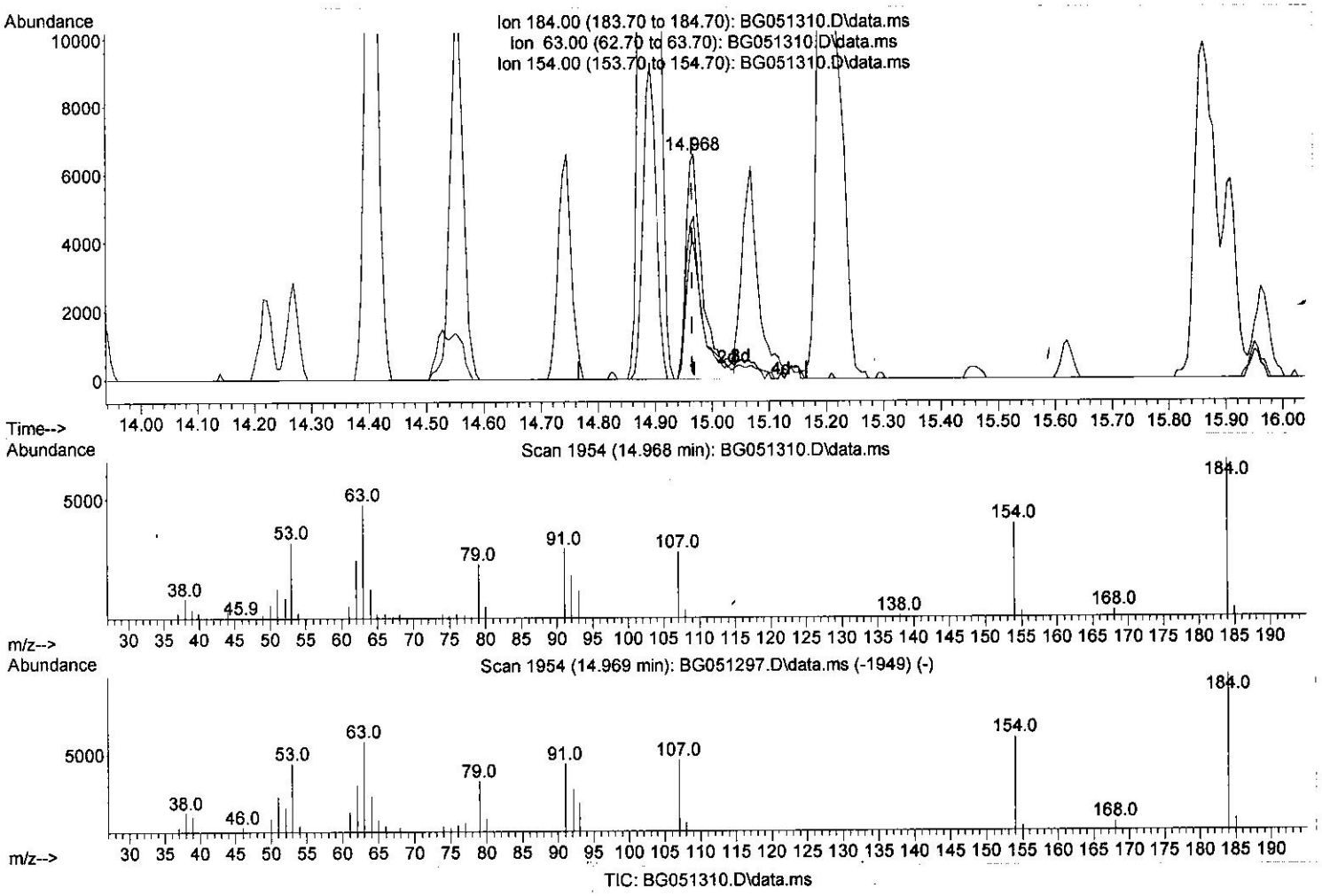

TIC: BG051310.D\data.ms

(53) 2,4-Dinitrophenol

14.968min (+ 0.002) 17.61 ng/ul m 12/20/21

response 13364

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	72.52
154.00	67.00	60.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 2 Dec 2021 19:04
Operator : CG/JU
Sample : PB141106BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 03 00:01:44 2021
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ClientSampleId :
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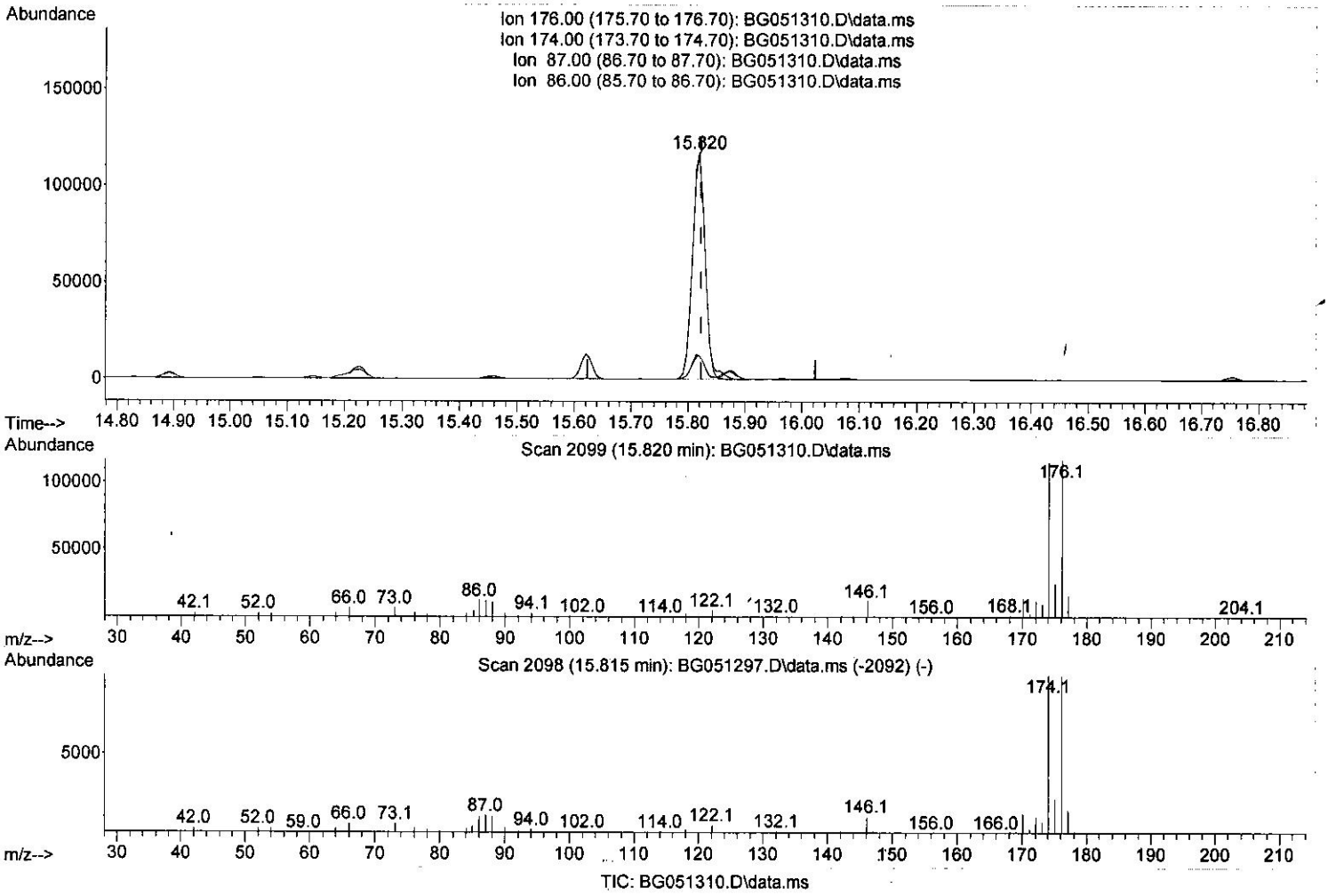

TIC: BG051310.D\data.ms

(60) Fluorene-d10 (S)

15.820min (-0.003) 31.78 ng/ul

response 184778

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	97.50	98.50
87.00	10.60	10.29
86.00	10.90	10.57

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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Acq On : 2 Dec 2021 19:04
Operator : CG/JU
Sample : PB141106BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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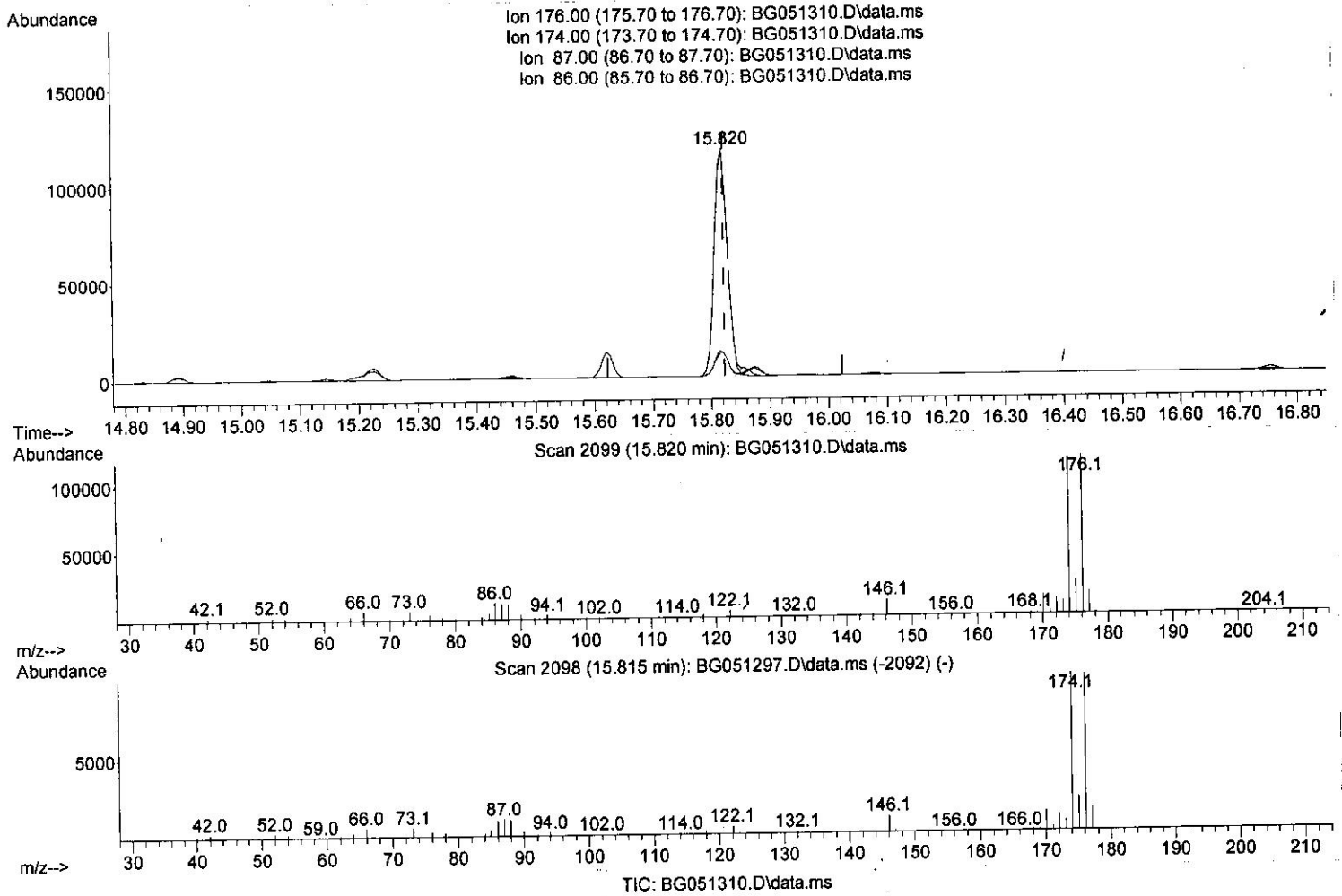

TIC: BG051310.D\data.ms

(60) Fluorene-d10 (S)

15.820min (-0.003) 31.17 ng/ul m

response 181232

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	97.50	98.50
87.00	10.60	10.29
86.00	10.90	10.57

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051310.D
Acq On : 2 Dec 2021 19:04
Operator : CG/JU
Sample : PB1411068S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 03 00:01:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS106

Manual IntegrationsAPPROVED

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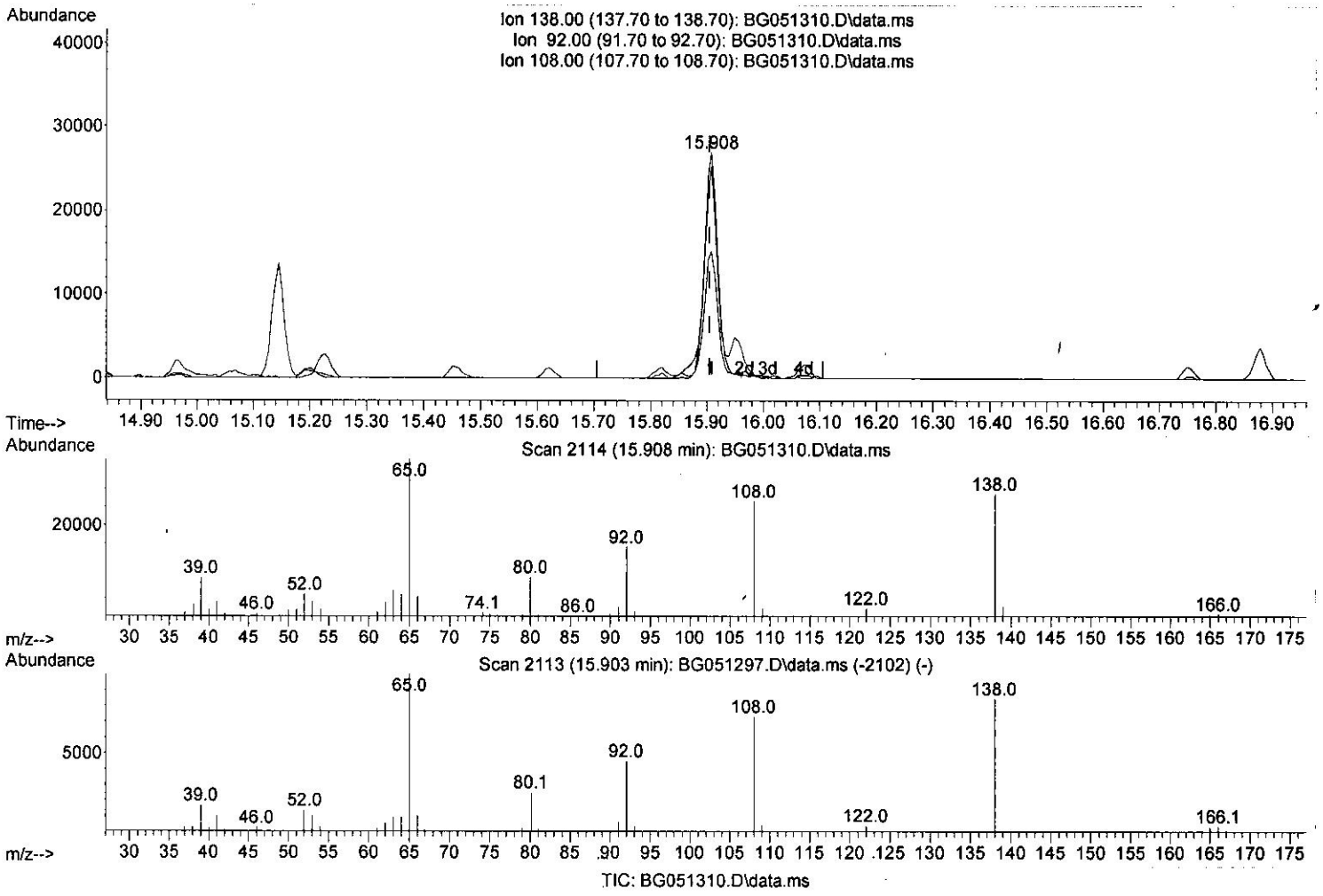

TIC: BG051310.D\data.ms

(63) 4-Nitroaniline

15.908min (+ 0.002) 35.40 ng/ul

response 46745

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	56.57
108.00	90.70	94.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051310.D
Acq On : 2 Dec 2021 19:04
Operator : CG/JU
Sample : PB141106BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 03 00:01:44 2021
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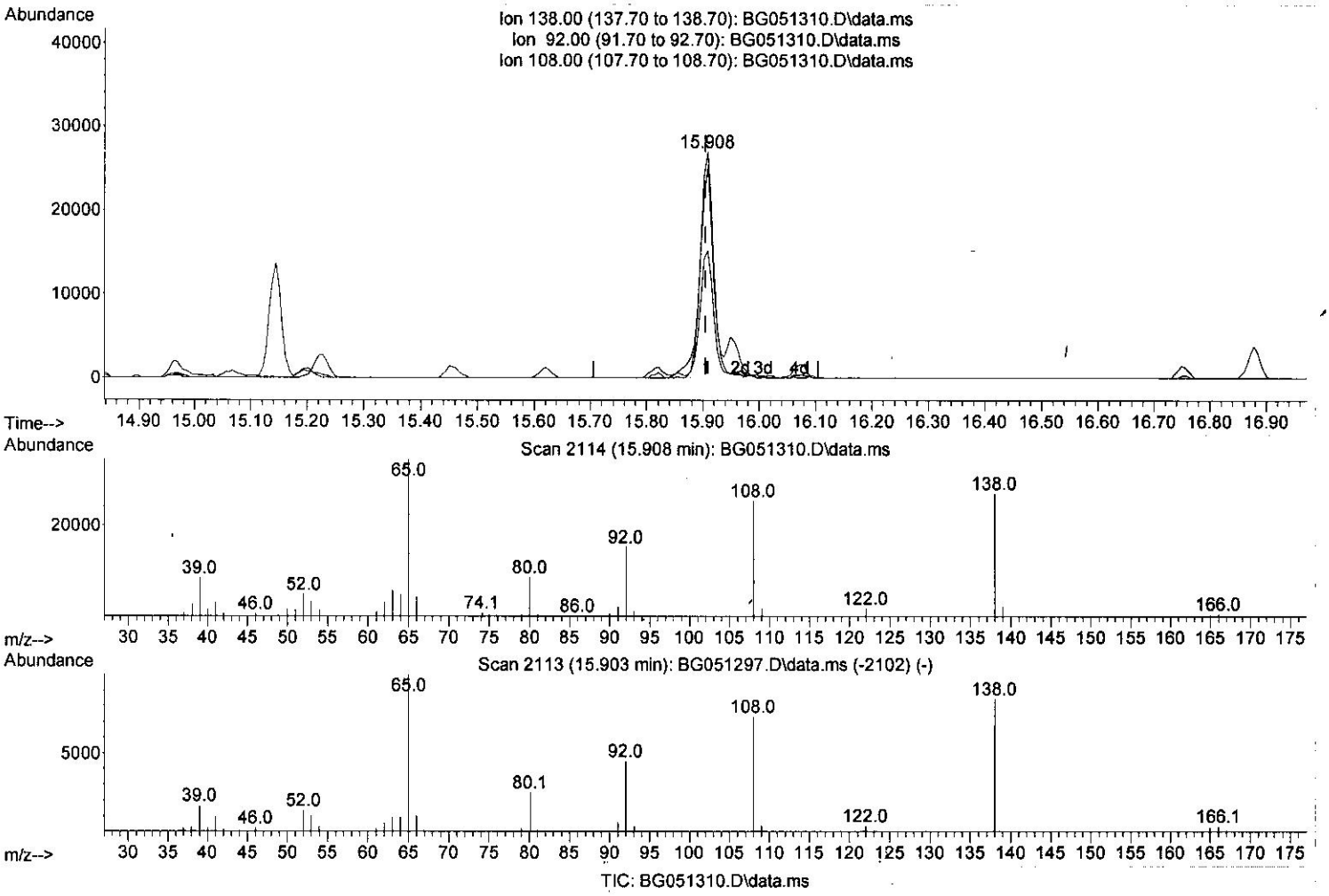
Instrument :
BNA_G
ClientSampleId :
SLCS106

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



TIC: BG051310.D\data.ms

(63) 4-Nitroaniline

15.908min (+ 0.002) 35.56 ng/ul m

12/20/21

response 46955

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	56.57
108.00	90.70	94.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	27710	20.000	ng/ul	0.00
20) Naphthalene-d8	11.020	136	126205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.827	164	83917	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.577	188	184993	20.000	ng/ul	0.00
79) Chrysene-d12	21.878	240	151768	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	152947	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4328	5.428	ng/uL	-0.02
4) Pyridine-d5	3.963	84	63482	27.131	ng/ul	-0.02
7) Phenol-d5	7.354	99	87097	31.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	53598	31.161	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	62099	31.489	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	69469	31.434	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	32599	30.599	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	38776	32.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	64565	31.665	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	114819	38.485	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	204877	31.730	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	259138	31.827	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	29428	28.156	ng/ul	0.00
60) Fluorene-d10	15.820	176	181232m	31.169	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	30989	27.147	ng/ul	0.00
73) Anthracene-d10	17.677	188	278022	31.424	ng/ul	0.00
81) Pyrene-d10	19.956	212	311425	33.913	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.050	264	260948	31.946	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	9329	10.374	ng/uL#	89
5) Pyridine	3.987	79	67937	27.903	ng/ul	91
6) Benzaldehyde	7.330	77	54097	31.017	ng/ul	92
8) Phenol	7.383	94	91055	32.094	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.606	93	67906	31.637	ng/ul	96
12) 2-Chlorophenol	7.759	128	64666	32.177	ng/ul	95
13) 2-Methylphenol	8.646	108	67796	32.081	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.711	45	99212	32.032	ng/ul	98
16) Acetophenone	9.028	105	107885	31.560	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.999	70	64072	32.617	ng/ul	99
18) 4-Methylphenol	8.975	108	72255	31.975	ng/ul	95
19) Hexachloroethane	9.281	117	26383	31.081	ng/ul	94
22) Nitrobenzene	9.416	77	88262	31.596	ng/ul	96
23) Isophorone	9.933	82	174306	32.117	ng/ul	98
25) 2-Nitrophenol	10.133	139	38866	31.223	ng/ul	99
26) 2,4-Dimethylphenol	10.186	107	81502	32.025	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.409	93	94726	31.616	ng/ul	99
29) 2,4-Dichlorophenol	10.673	162	64933	32.351	ng/ul	100
30) Naphthalene	11.073	128	215843	31.432	ng/ul	100
32) 4-Chloroaniline	11.184	127	85742	28.627	ng/ul	97
33) Hexachlorobutadiene	11.337	225	41134	29.712	ng/ul	97
34) Caprolactam	11.954	113	25076	31.779	ng/ul	92
35) 4-Chloro-3-methylphenol	12.307	107	79490	32.968	ng/ul	96

JU 12/28/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.665	142	146233	31.307	ng/ul	99
37) 1-Methylnaphthalene	12.882	142	148516	30.906	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.029	216	83420	31.665	ng/ul	96
40) Hexachlorocyclopentadiene	12.994	237	9860	9.260	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.276	196	53837	32.565	ng/ul	99
42) 2,4,5-Trichlorophenol	13.358	196	57137	33.003	ng/ul	97
43) 1,1'-Biphenyl	13.658	154	199071	31.761	ng/ul	98
44) 2-Chloronaphthalene	13.711	162	156553	31.400	ng/ul	98
45) 2-Nitroaniline	13.922	65	58503	33.904	ng/ul	93
47) Dimethylphthalate	14.269	163	205947	31.511	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	44973	32.759	ng/ul	95
50) Acenaphthylene	14.557	152	257517	32.013	ng/ul	98
51) 3-Nitroaniline	14.745	138	44999	33.160	ng/ul	98
52) Acenaphthene	14.892	153	169852	32.017	ng/ul	96
53) 2,4-Dinitrophenol	14.968	184	13364m	17.611	ng/ul	
55) 4-Nitrophenol	15.068	109	26107	28.795	ng/ul	96
56) Dibenzofuran	15.227	168	242167	31.647	ng/ul	99
57) 2,4-Dinitrotoluene	15.197	165	62891	32.074	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.456	232	42920	31.570	ng/ul	97
59) Diethylphthalate	15.620	149	219899	32.054	ng/ul	99
61) Fluorene	15.873	166	192787	31.453	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.855	204	102243	30.953	ng/ul	96
63) 4-Nitroaniline	15.908	138	46955m	35.557	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.967	198	29371	26.679	ng/ul#	96
67) N-Nitrosodiphenylamine	16.073	169	173037	32.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.754	248	63478	32.016	ng/ul	93
69) Hexachlorobenzene	16.878	284	65740	32.517	ng/ul	98
70) Atrazine	17.019	200	64720	29.078	ng/ul	98
71) Pentachlorophenol	17.236	266	17729	19.790	ng/ul	99
72) Phenanthrene	17.624	178	328869	32.197	ng/ul	99
74) Anthracene	17.712	178	323589	31.899	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.634	216	85640	31.738	ng/uL	96
76) Pentachlorobenzene	15.144	250	79234	31.515	ng/uL	99
77) Carbazole	17.988	167	294864	33.115	ng/ul	98
78) Di-n-butylphthalate	18.505	149	371514	32.358	ng/ul	99
80) Fluoranthene	19.622	202	385249	34.156	ng/ul	98
82) Pyrene	19.986	202	376015	34.081	ng/ul	99
83) Butylbenzylphthalate	20.844	149	153094	33.377	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.766	252	112598	31.865	ng/ul	98
85) Benzo(a)anthracene	21.860	228	338086	32.844	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.719	149	219537	33.261	ng/ul	99
87) Chrysene	21.931	228	321268	32.488	ng/ul	100
89) Di-n-octyl phthalate	22.976	149	373268	33.687	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	335245	32.479	ng/ul	98
91) Benzo(k)fluoranthene	24.263	252	314209	32.439	ng/ul	99
93) Benzo(a)pyrene	25.121	252	319222	32.417	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.210	276	361507	32.806	ng/ul	98
95) Dibenzo(a,h)anthracene	29.257	278	310159	33.178	ng/ul	98
96) Benzo(g,h,i)perylene	30.432	276	303573	32.744	ng/ul	95

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

JV 12/20/21