Quantitation Report (QT Reviewed)

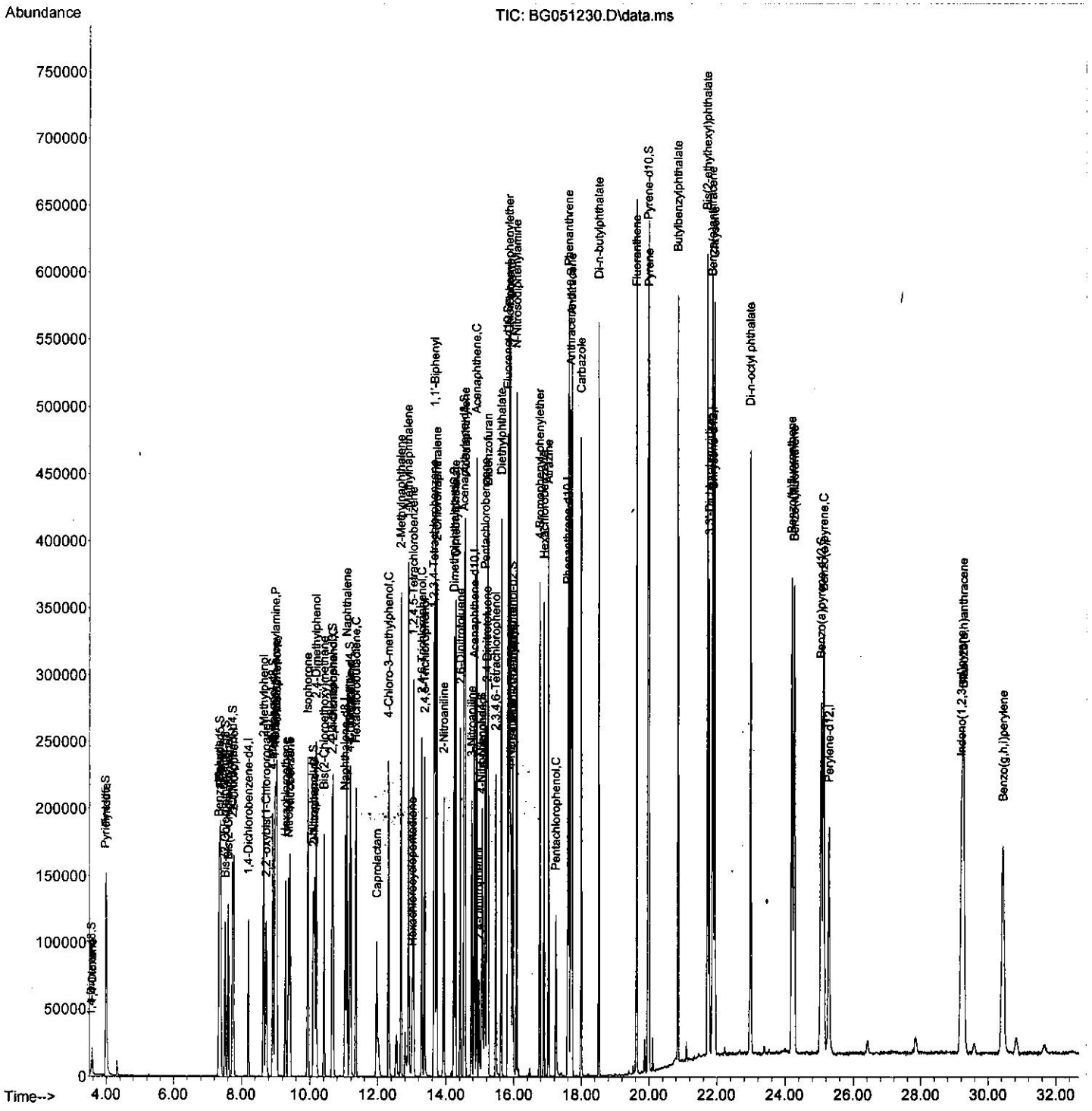
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051230.D
Acq On : 25 Nov 2021 4:24
Operator : CG/JU
Sample : PB140965BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Nov 25 07:40:21 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 :
SLCS965

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



Quantitation Report (Qedit)

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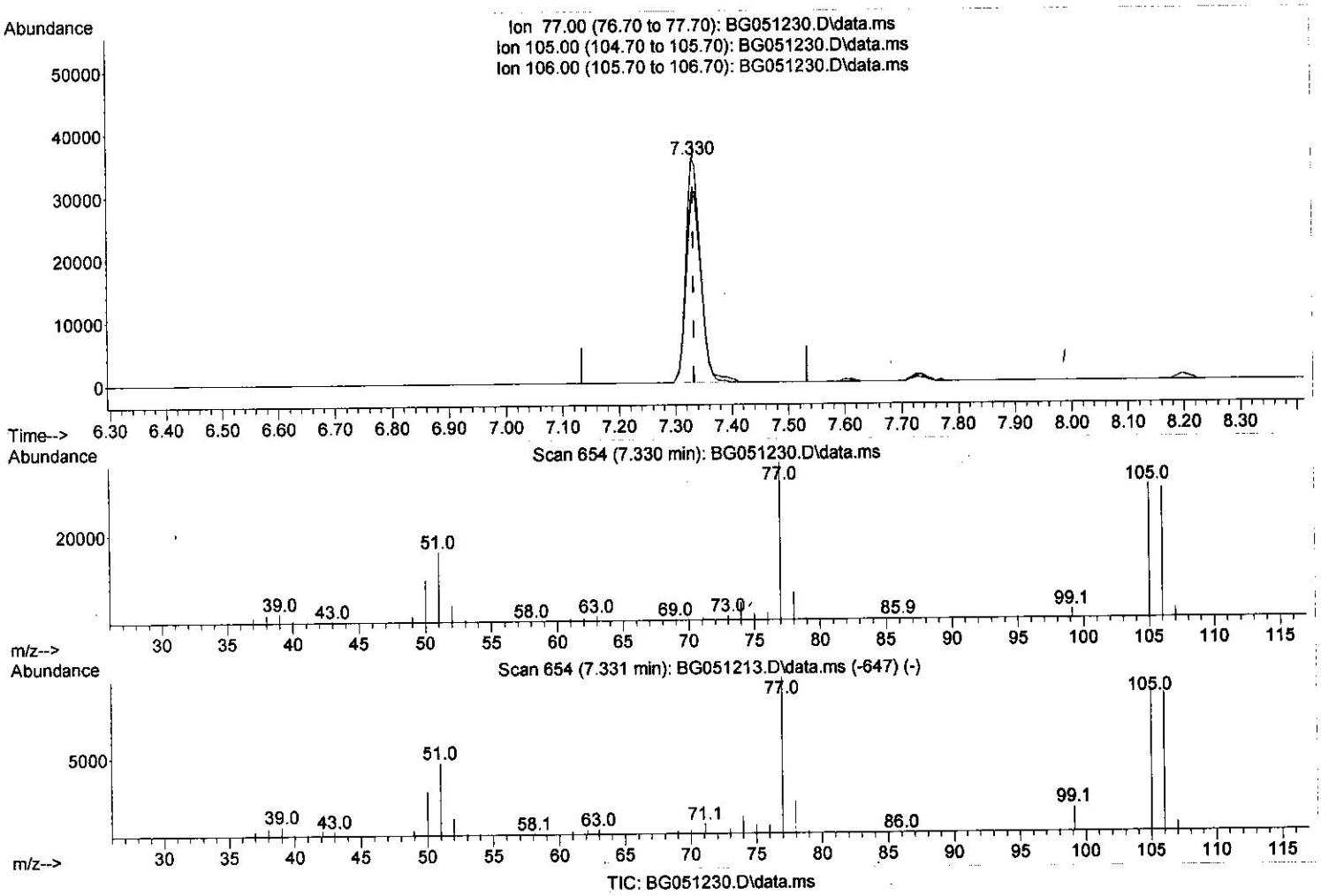

TIC: BG051230.D\data.ms

(6) Benzaldehyde

7.330min (-0.003) 30.49 ng/ul

response 65430

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	85.06
106.00	76.50	82.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
ClientSampleId :
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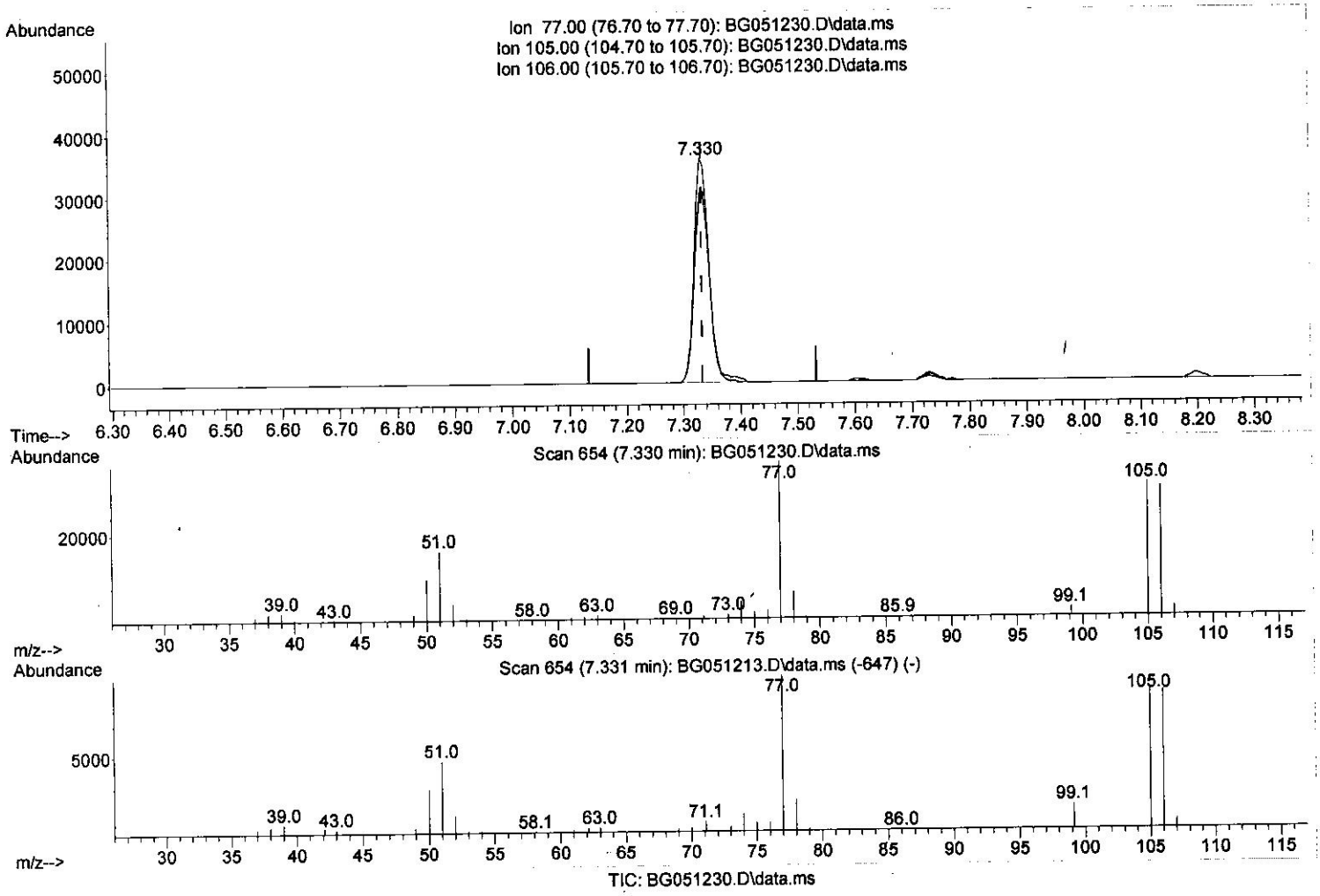

(6) Benzaldehyde

7.330min (-0.003) 30.08 ng/ul m

11/30/21

response 64551

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	85.06
106.00	76.50	82.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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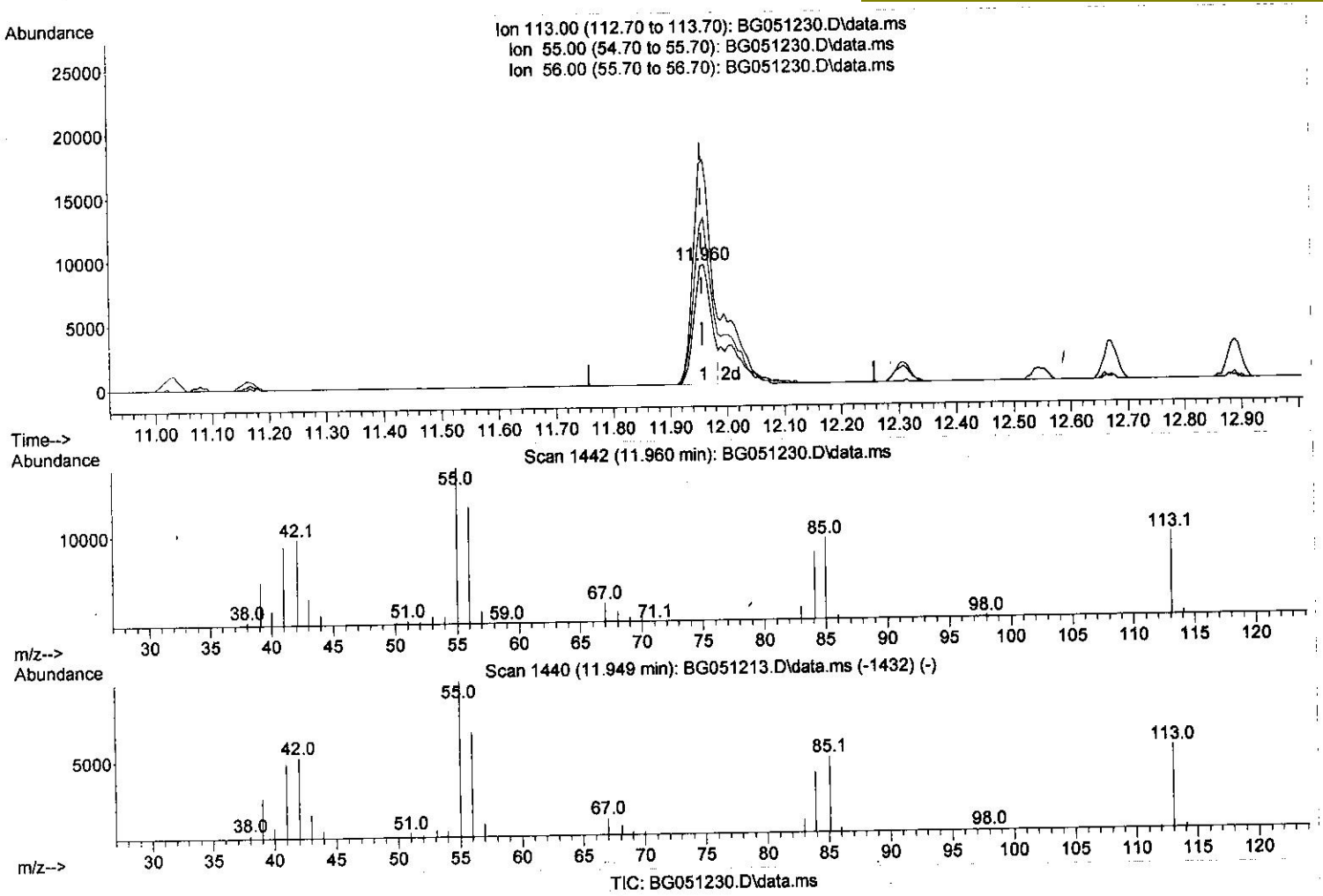

(34) Caprolactam

11.960min (+ 0.002) 20.71 ng/ul

response 19648

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	187.94
56.00	136.50	139.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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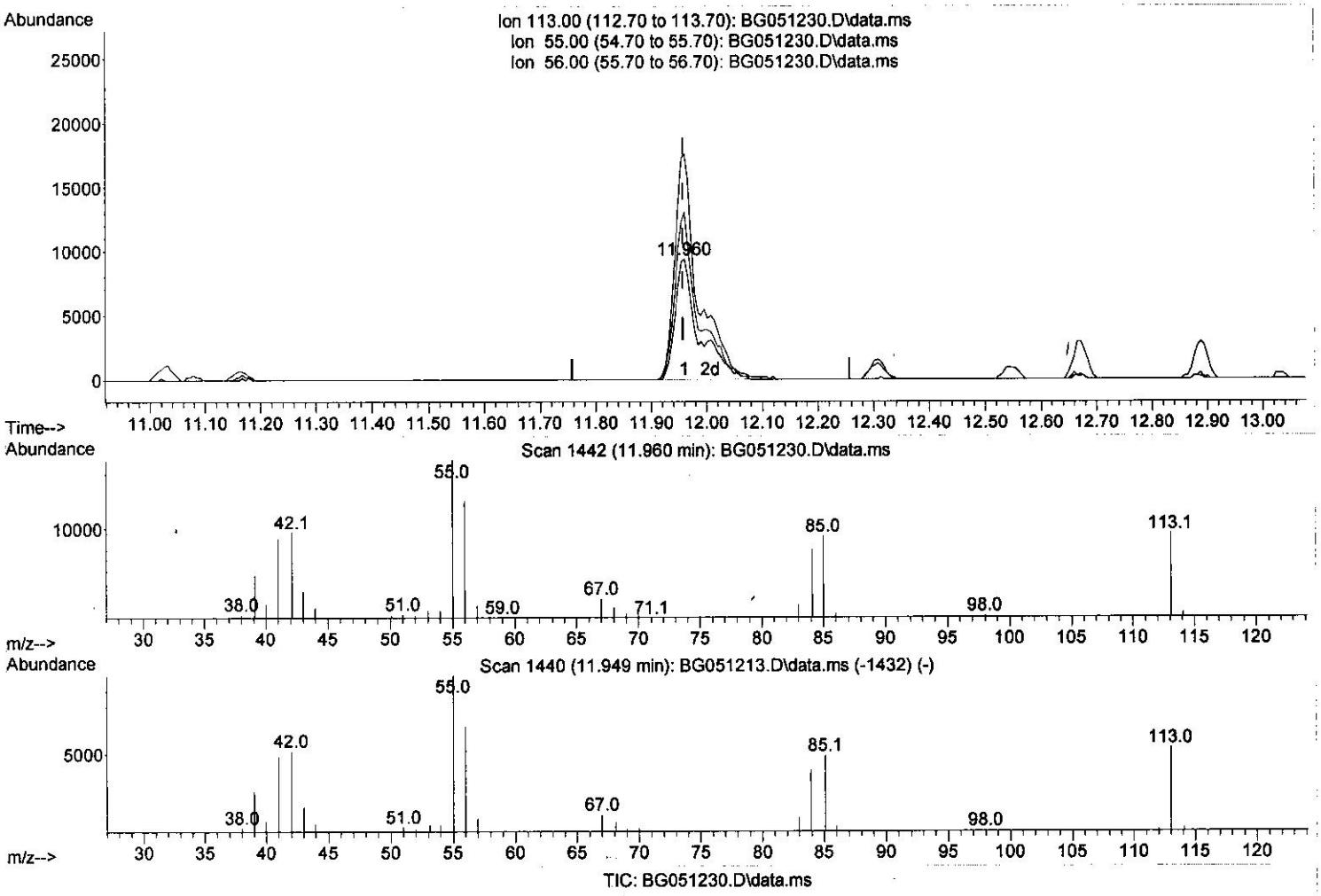

TIC: BG051230.D\data.ms

(34) Caprolactam

11.960min (+ 0.002) 29.14 ng/ul m 11/30/21

response 27648

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	187.94
56.00	136.50	139.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 53 Sample Multiplier: 1

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ClientSampleId :
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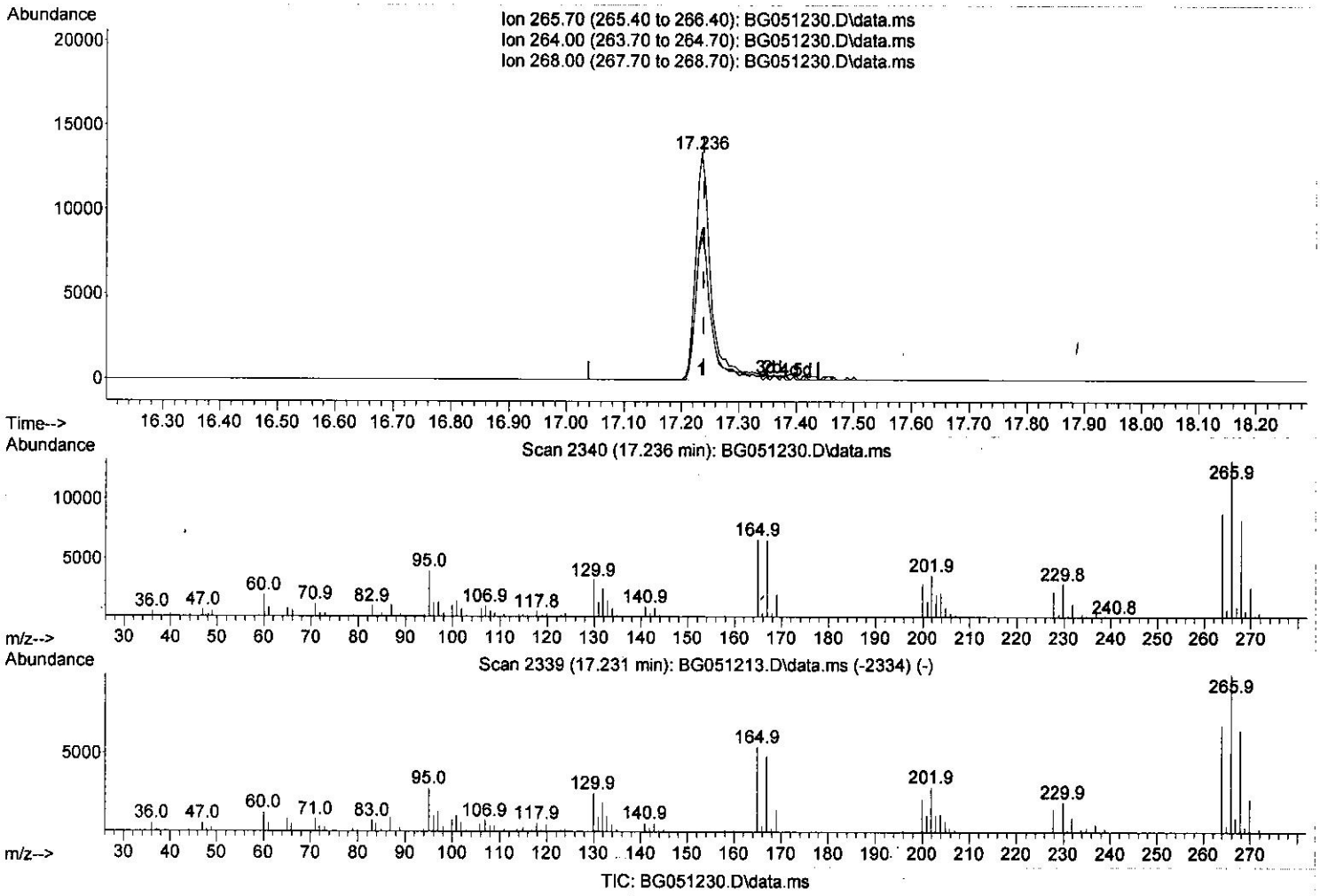

TIC: BG051230.D\data.ms

(71) Pentachlorophenol (C)

17.236min (-0.003) 23.21 ng/ul

response 23570

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	66.47
268.00	63.80	62.59
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 53 Sample Multiplier: 1

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BNA_G
ClientSampleId :
SLCS965

Manual IntegrationsAPPROVED

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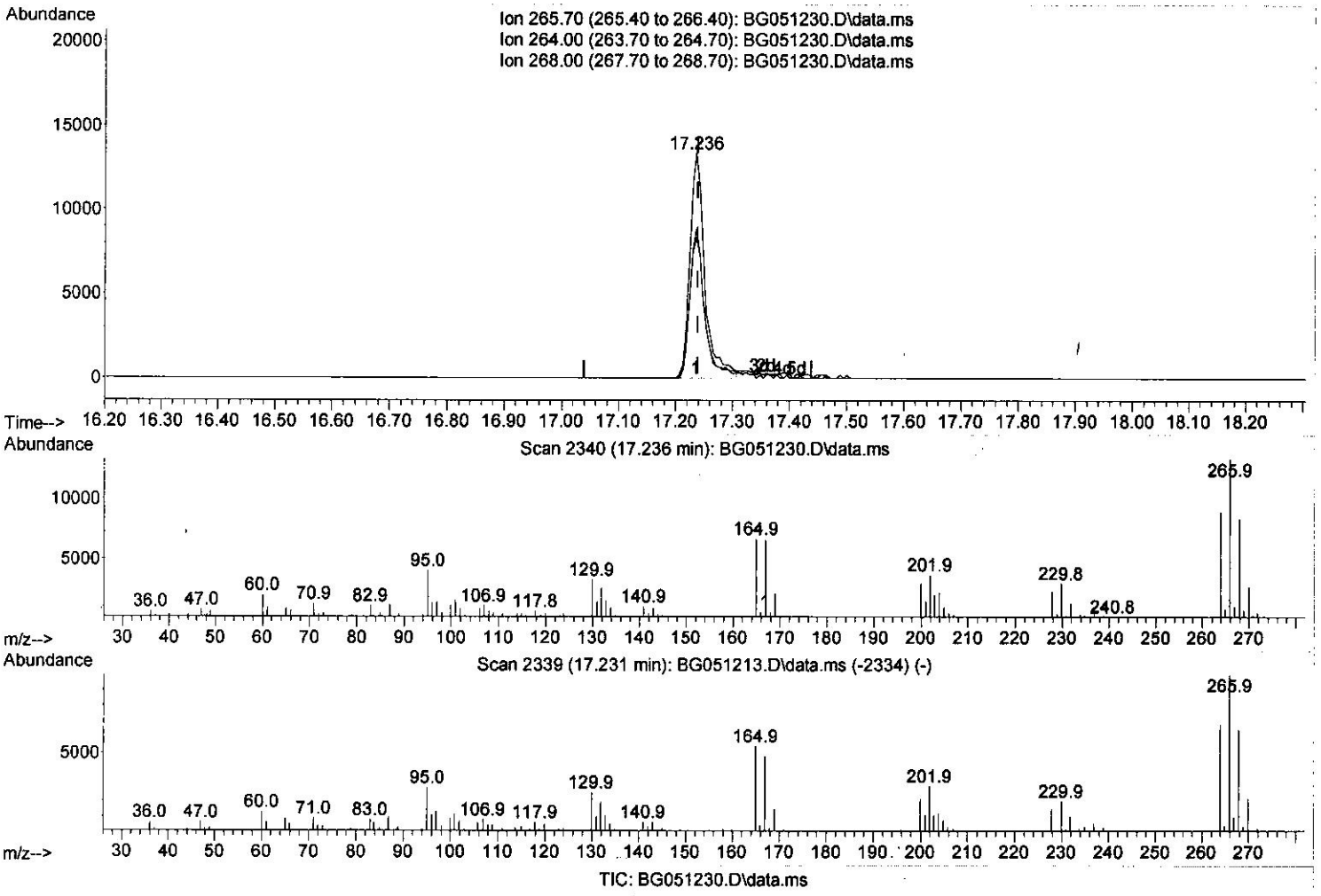

TIC: BG051230.D\data.ms

(71) Pentachlorophenol (C)

17.236min (-0.003) 23.80 ng/ul m SJU 11/30/21

response 24165

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	66.47
268.00	63.80	62.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	34090	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	151745	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	99124	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.583	188	209695	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	179635	20.000	ng/ul	0.00
88) Perylene-d12	25.285	264	178214	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	5242	5.344	ng/uL	0.00
4) Pyridine-d5	3.969	84	69784	24.242	ng/ul	0.00
7) Phenol-d5	7.359	99	98235	29.156	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	61050	28.851	ng/ul	0.00
11) 2-Chlorophenol-d4	7.729	132	72081	29.710	ng/ul	0.00
15) 4-Methylphenol-d8	8.916	113	77663	28.564	ng/ul	0.00
21) Nitrobenzene-d5	9.380	128	37357	29.164	ng/ul	0.00
24) 2-Nitrophenol-d4	10.103	143	43630	30.195	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	75003	30.593	ng/ul	0.00
31) 4-Chloroaniline-d4	11.167	131	95106	26.512	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	221356	29.023	ng/ul	0.00
49) Acenaphthylene-d8	14.527	160	288587	30.006	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	33187	26.882	ng/ul	0.00
60) Fluorene-d10	15.820	176	199535	29.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	35370	27.335	ng/ul	0.00
73) Anthracene-d10	17.683	188	292874	29.203	ng/ul	0.00
81) Pyrene-d10	19.962	212	327952	30.172	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.056	264	286108	30.060	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	10967	9.913	ng/uL	93
5) Pyridine	3.987	79	75675	25.264	ng/ul	96
6) Benzaldehyde	7.330	77	64551m	30.084	ng/ul	
8) Phenol	7.389	94	103170	29.559	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.606	93	76098	28.819	ng/ul	97
12) 2-Chlorophenol	7.765	128	74258	30.035	ng/ul	96
13) 2-Methylphenol	8.646	108	77871	29.952	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.722	45	113024	29.662	ng/ul#	95
16) Acetophenone	9.028	105	121109	28.798	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.004	70	70150	29.028	ng/ul	98
18) 4-Methylphenol	8.975	108	82089	29.528	ng/ul	99
19) Hexachloroethane	9.286	117	30074	28.799	ng/ul	97
22) Nitrobenzene	9.422	77	102871	30.627	ng/ul	97
23) Isophorone	9.939	82	191587	29.360	ng/ul	100
25) 2-Nitrophenol	10.138	139	45540	30.427	ng/ul	100
26) 2,4-Dimethylphenol	10.185	107	91289	29.833	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.415	93	106962	29.691	ng/ul	99
29) 2,4-Dichlorophenol	10.679	162	73102	30.291	ng/ul	96
30) Naphthalene	11.079	128	247810	30.013	ng/ul	98
32) 4-Chloroaniline	11.190	127	98508	27.353	ng/ul	100
33) Hexachlorobutadiene	11.343	225	47566	28.575	ng/ul	96
34) Caprolactam	11.960	113	27648m	29.141	ng/ul	
35) 4-Chloro-3-methylphenol	12.306	107	89718	30.948	ng/ul	97

JV 11/30/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.671	142	167803	29.879	ng/ul	98
37) 1-Methylnaphthalene	12.888	142	171097	29.612	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.035	216	98285	31.584	ng/ul	97
40) Hexachlorocyclopentadiene	13.000	237	16716	13.290	ng/ul	92
41) 2,4,6-Trichlorophenol	13.276	196	63832	32.687	ng/ul	99
42) 2,4,5-Trichlorophenol	13.358	196	66467	32.502	ng/ul	98
43) 1,1'-Biphenyl	13.664	154	226577	30.604	ng/ul	98
44) 2-Chloronaphthalene	13.717	162	182537	30.995	ng/ul	99
45) 2-Nitroaniline	13.922	65	65492	32.132	ng/ul	92
47) Dimethylphthalate	14.275	163	229061	29.671	ng/ul	100
48) 2,6-Dinitrotoluene	14.410	165	50841	31.352	ng/ul	90
50) Acenaphthylene	14.557	152	287812	30.290	ng/ul	98
51) 3-Nitroaniline	14.745	138	51039	31.841	ng/ul	98
52) Acenaphthene	14.898	153	190790	30.446	ng/ul	98
53) 2,4-Dinitrophenol	14.968	184	19023	21.223	ng/ul	89
55) 4-Nitrophenol	15.062	109	29823	27.847	ng/ul	96
56) Dibenzofuran	15.232	168	270013	29.873	ng/ul	100
57) 2,4-Dinitrotoluene	15.203	165	69392	29.960	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.462	232	48655	30.298	ng/ul#	96
59) Diethylphthalate	15.626	149	237811	29.347	ng/ul	99
61) Fluorene	15.879	166	217238	30.005	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.861	204	114533	29.354	ng/ul	96
63) 4-Nitroaniline	15.908	138	51807	33.212	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.967	198	35454	28.411	ng/ul#	98
67) N-Nitrosodiphenylamine	16.079	169	189325	31.537	ng/ul	99
68) 4-Bromophenyl-phenylether	16.754	248	70921	31.556	ng/ul	94
69) Hexachlorobenzene	16.883	284	71015	30.989	ng/ul	96
70) Atrazine	17.019	200	73058	28.957	ng/ul	99
71) Pentachlorophenol	17.236	266	24165m	23.797	ng/ul	
72) Phenanthrene	17.624	178	353665	30.546	ng/ul	100
74) Anthracene	17.718	178	344751	29.982	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.634	216	102366	33.468	ng/uL	99
76) Pentachlorobenzene	15.150	250	89019	31.236	ng/uL	99
77) Carbazole	17.988	167	309850	30.699	ng/ul	99
78) Di-n-butylphthalate	18.511	149	396699	30.482	ng/ul	100
80) Fluoranthene	19.627	202	414015	31.012	ng/ul	97
82) Pyrene	19.992	202	401963	30.781	ng/ul	97
83) Butylbenzylphthalate	20.849	149	171031	31.503	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.766	252	122239	29.227	ng/ul	99
85) Benzo(a)anthracene	21.860	228	372842	30.601	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.719	149	245784	31.461	ng/ul	99
87) Chrysene	21.930	228	355590	30.380	ng/ul	99
89) Di-n-octyl phthalate	22.988	149	415385	32.173	ng/ul	100
90) Benzo(b)fluoranthene	24.198	252	375978	31.261	ng/ul	99
91) Benzo(k)fluoranthene	24.269	252	341773	30.282	ng/ul	99
93) Benzo(a)pyrene	25.127	252	354592	30.904	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.198	276	398316	31.022	ng/ul	98
95) Dibenzo(a,h)anthracene	29.257	278	337303	30.966	ng/ul	98
96) Benzo(g,h,i)perylene	30.438	276	331143	30.653	ng/ul	97

JU 11/30/21

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