Quantitation Report (QT Reviewed)

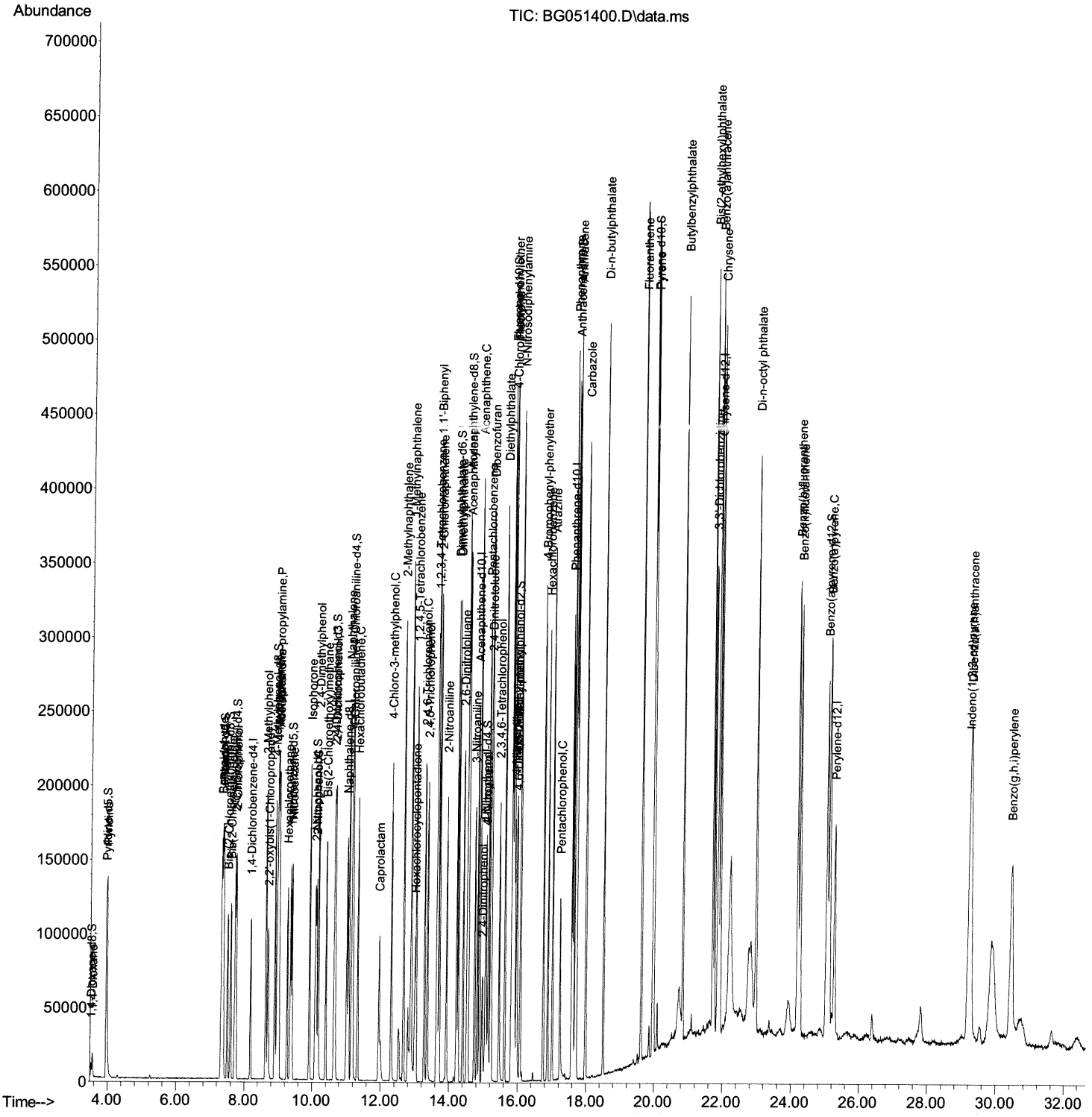
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051400.D
Acq On : 8 Dec 2021 2:49
Operator : CG/JU
Sample : PB141220BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Dec 08 05:31:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS220

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



Quantitation Report (Qedit)

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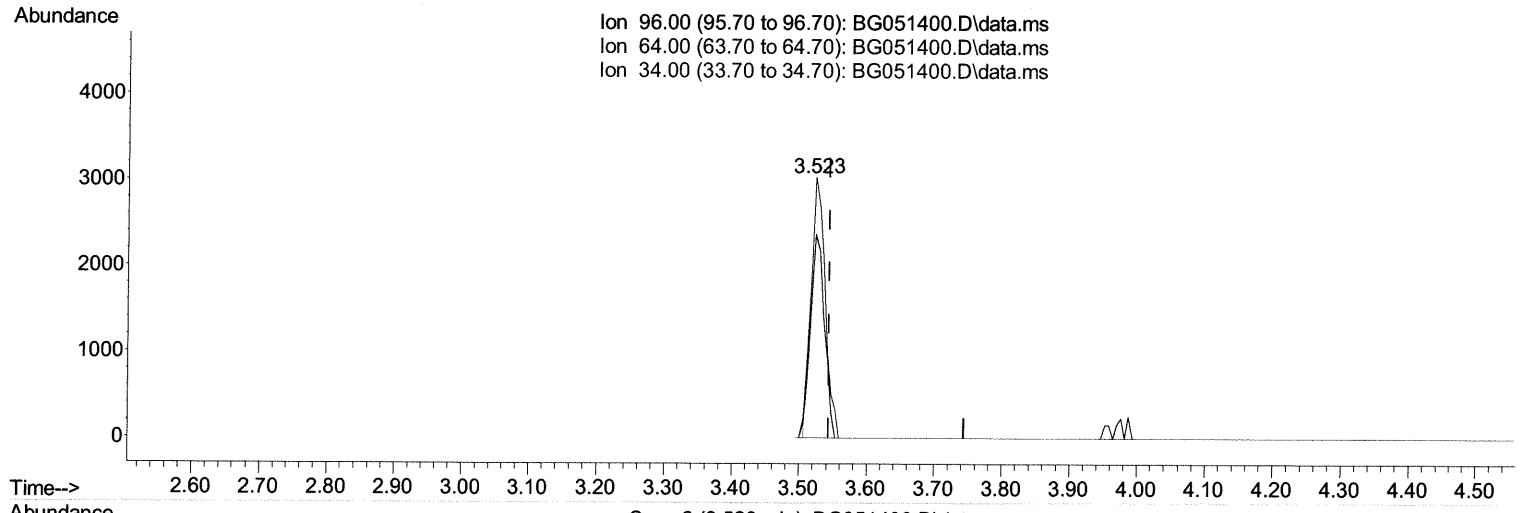

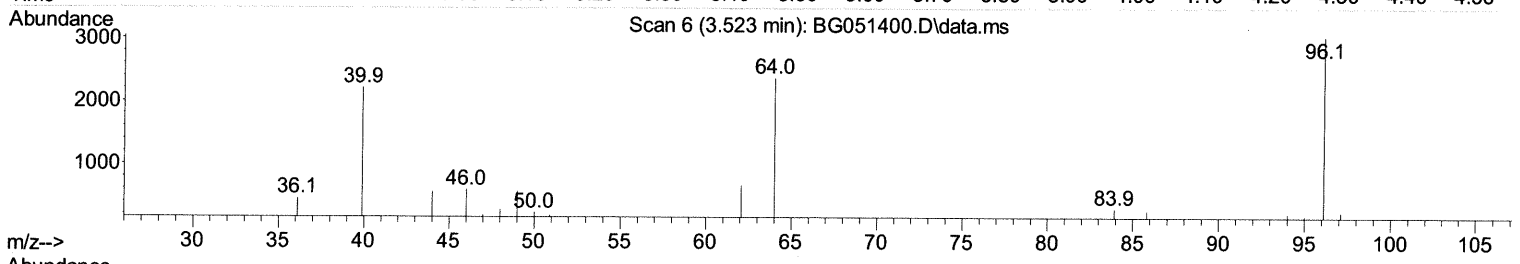

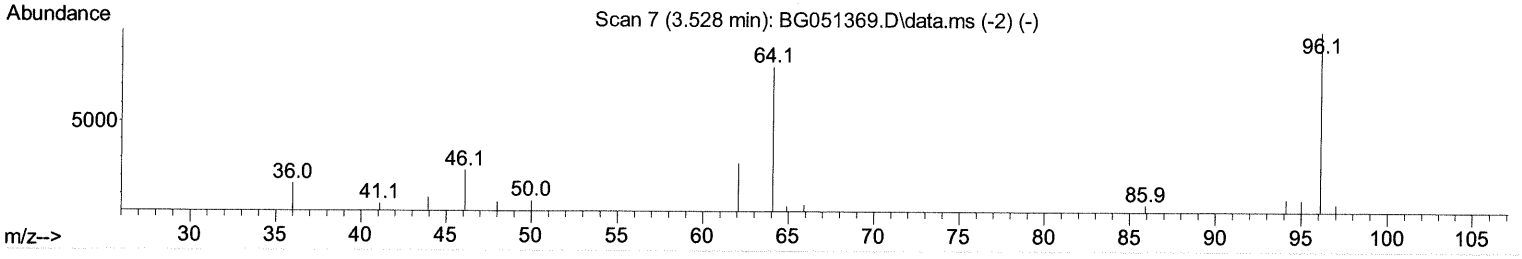

TIC: BG051400.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.523min (-0.021) 5.05 ng/uL

response 4395

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	78.13
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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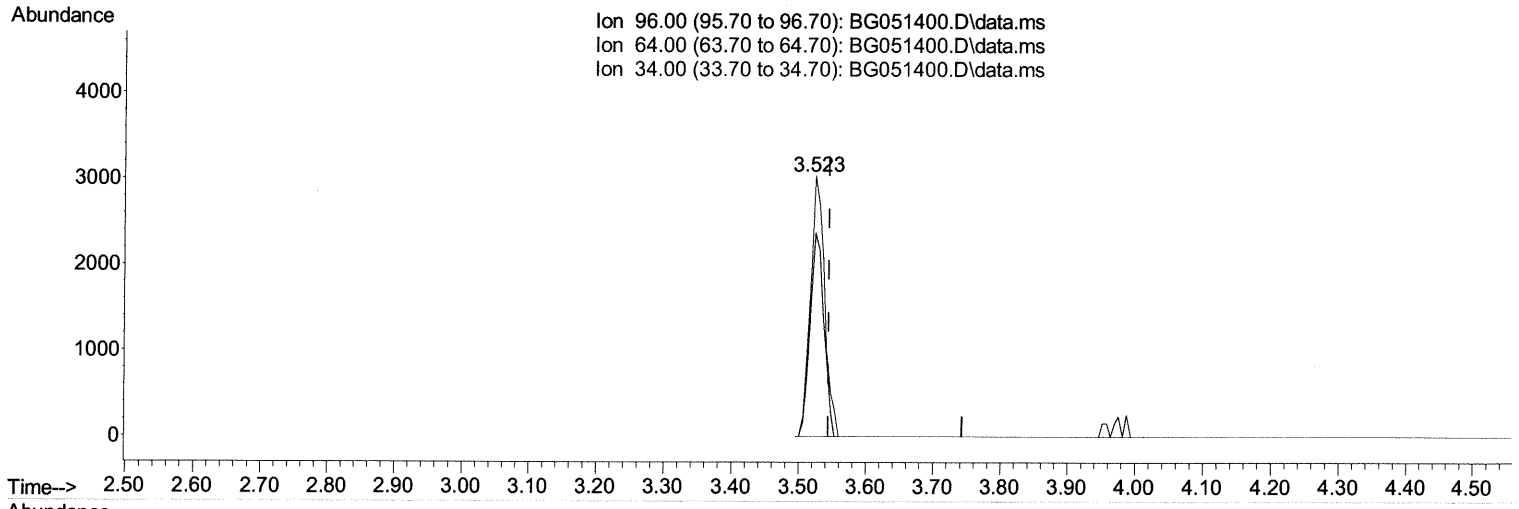

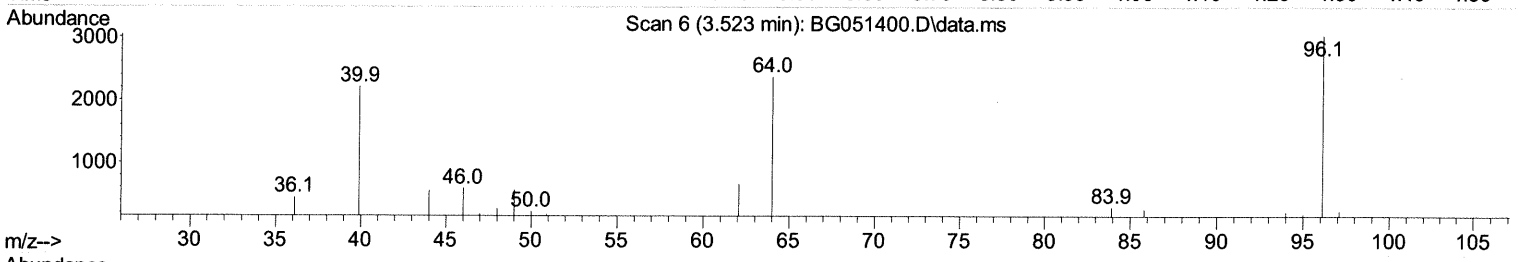

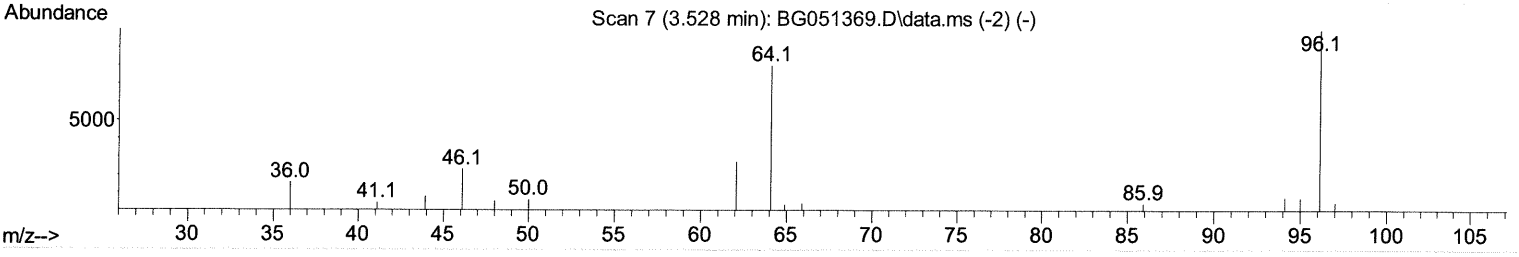

TIC: BG051400.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.523min (-0.021) 5.14 ng/uL m 12/16/21 JU

response 4478

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	78.13
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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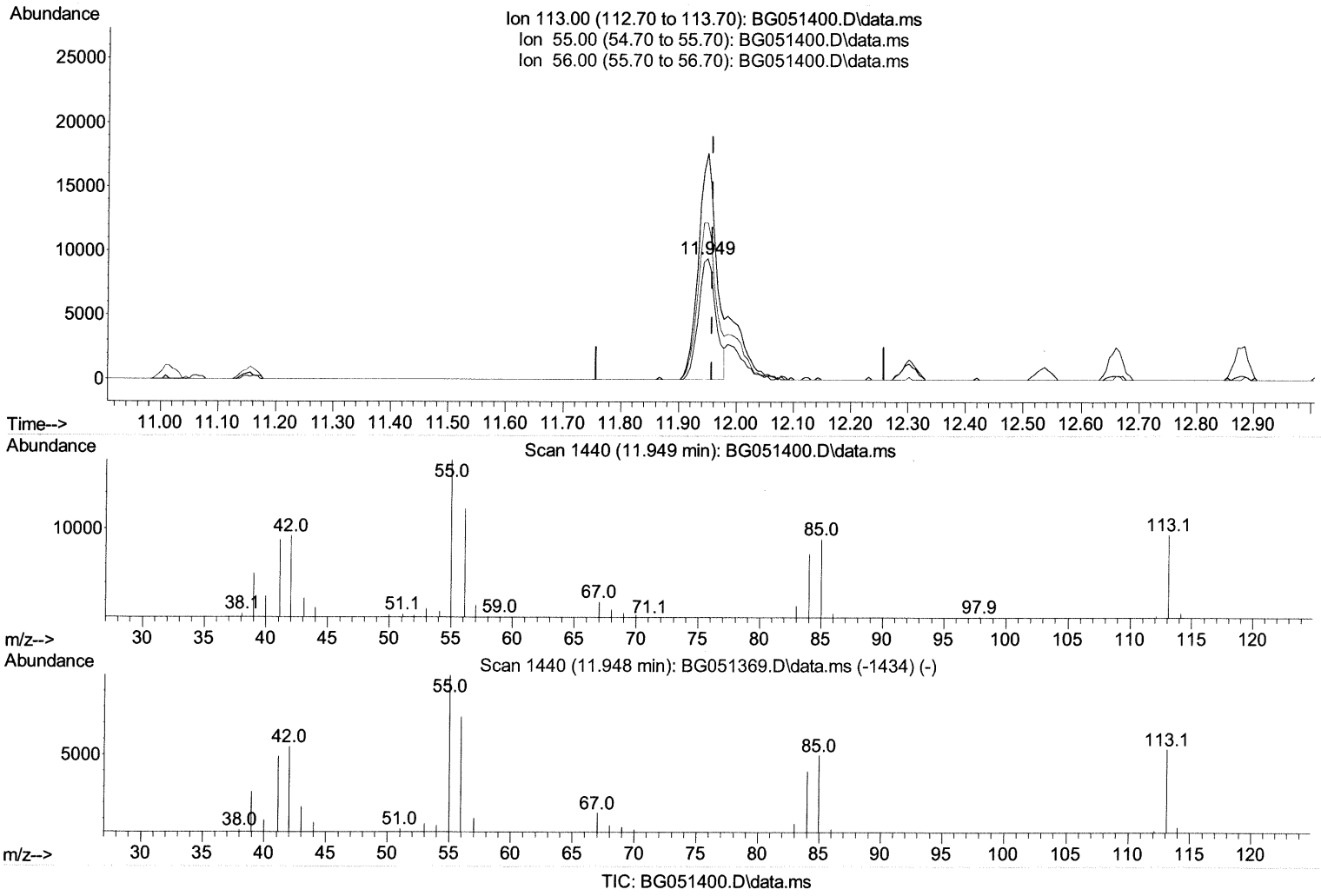

TIC: BG051400.D\data.ms

(34) Caprolactam

11.949min (-0.009) 23.46 ng/ul

response 20091

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	187.20
56.00	136.50	129.74
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 58 Sample Multiplier: 1

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BNA_G
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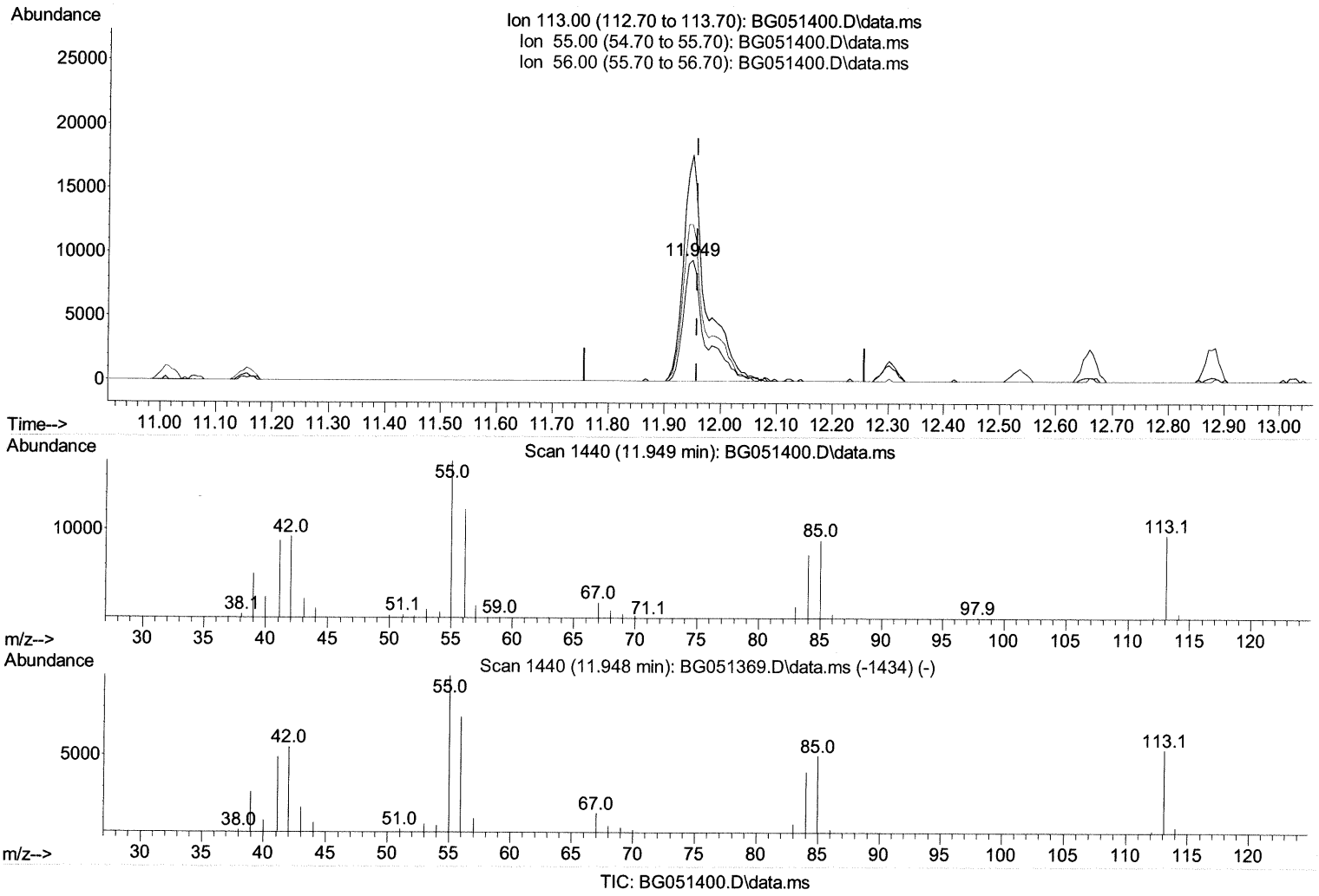

TIC: BG051400.D\data.ms

(34) Caprolactam

11.949min (-0.009) 30.26 ng/ul m 12/11/21JU

response 25917

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	187.20
56.00	136.50	129.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051400.D
Acq On : 8 Dec 2021 2:49
Operator : CG/JU
Sample : PB141220BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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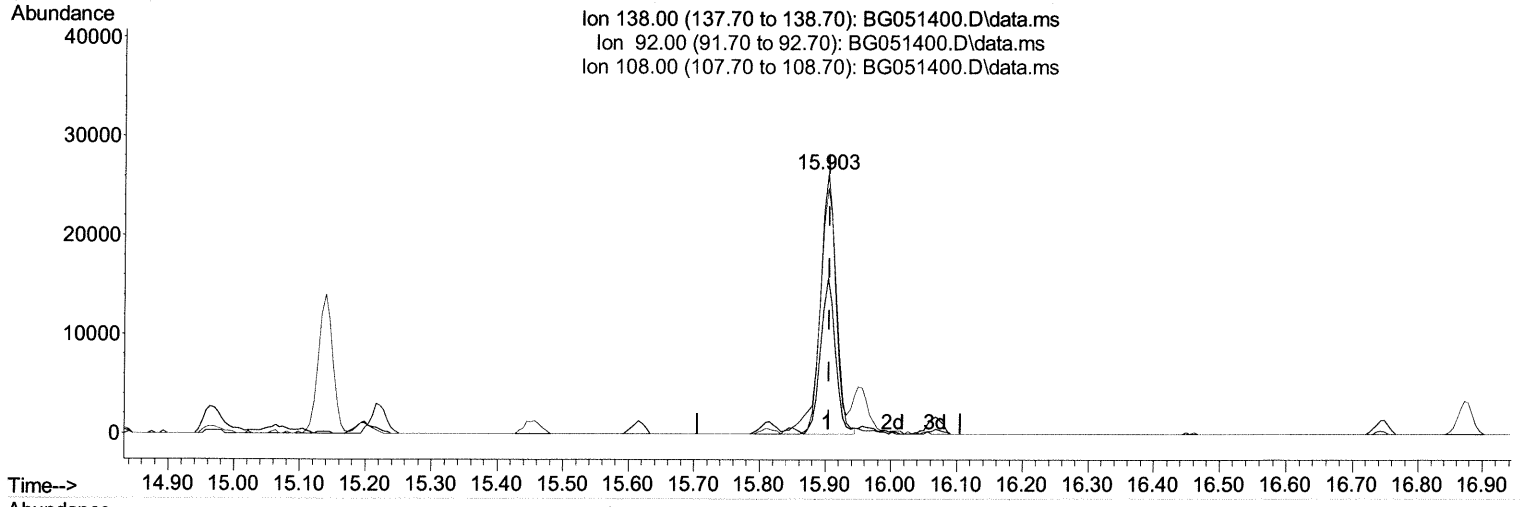

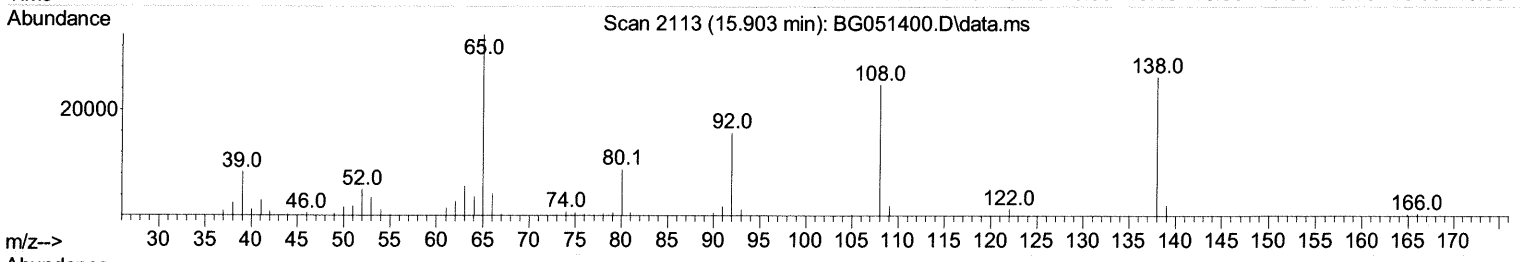

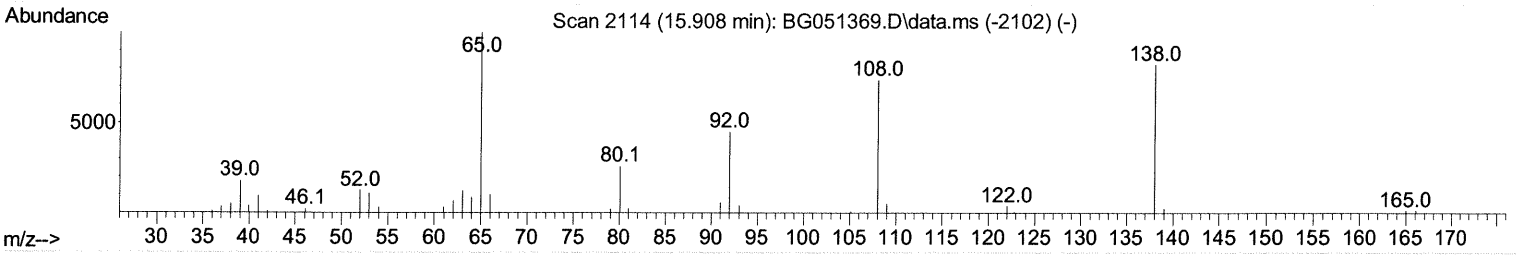

TIC: BG051400.D\data.ms

(63) 4-Nitroaniline

15.903min (-0.003) 32.66 ng/ul

response 45945

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	59.84
108.00	90.70	94.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 58 Sample Multiplier: 1

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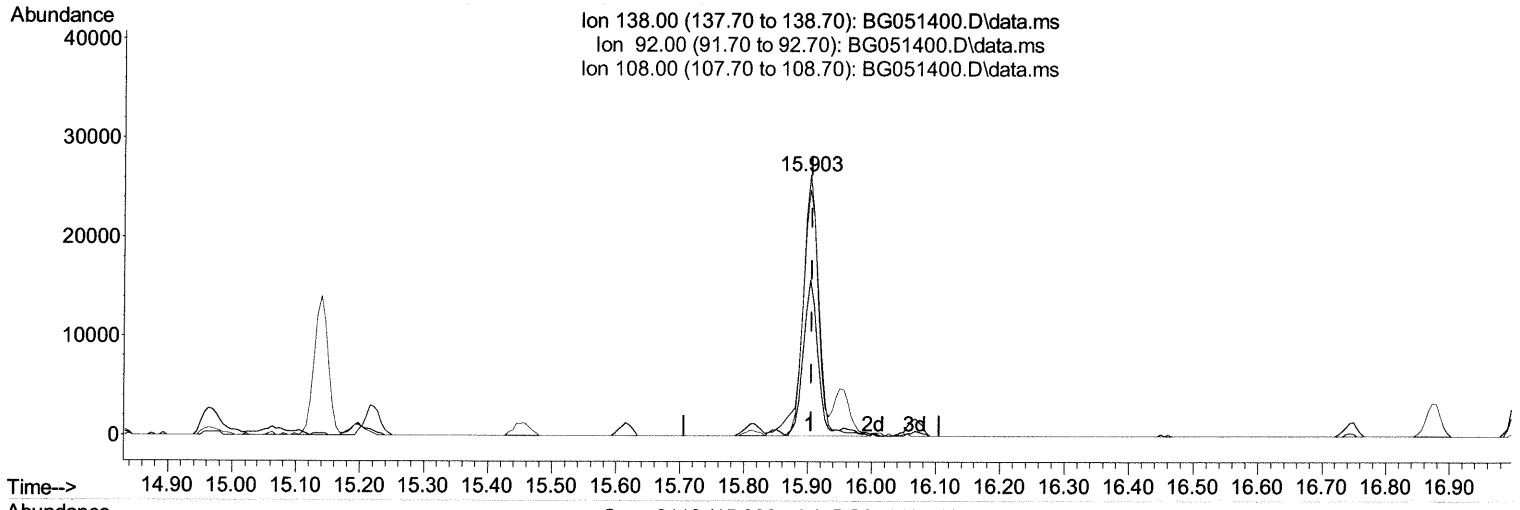

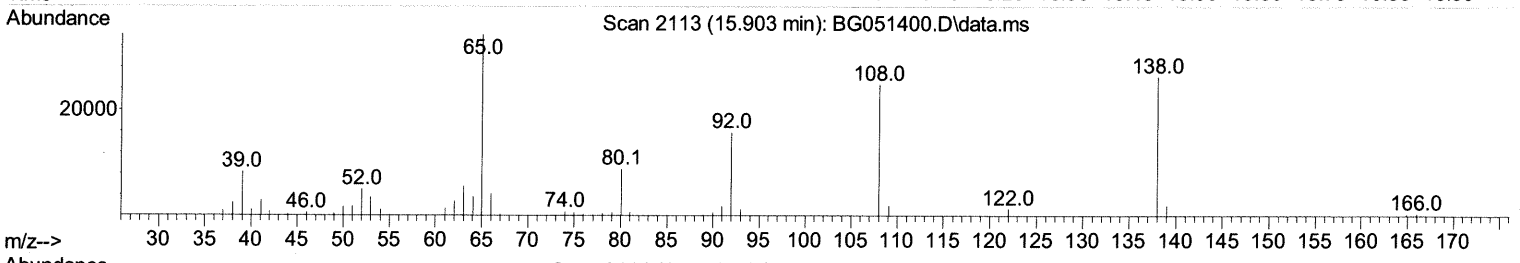

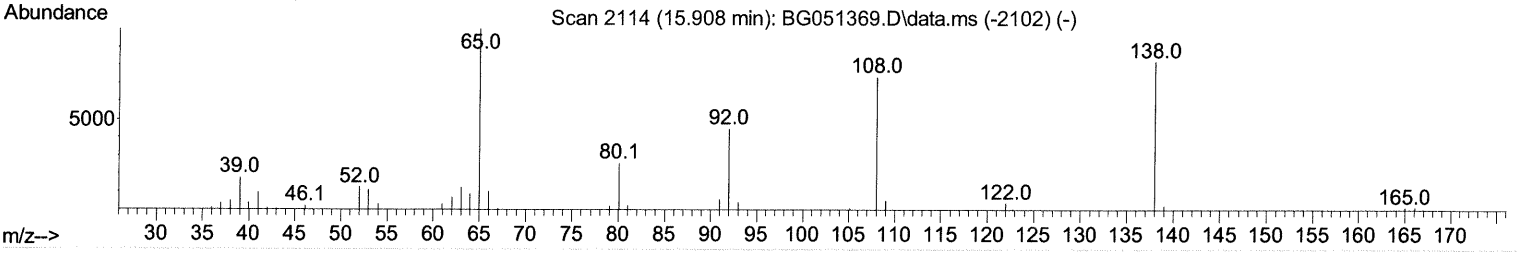

TIC: BG051400.D\data.ms

(63) 4-Nitroaniline

15.903min (-0.003) 33.26 ng/ul m (2/16/21JU

response 46779

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	59.84
108.00	90.70	94.34
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	8.189	152	30263	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.015	136	136990	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.822	164	89384	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	190863	20.000	ng/ul	0.00
79) Chrysene-d12	21.873	240	152888	20.000	ng/ul	0.00
88) Perylene-d12	25.274	264	153814	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	4478m>	5.142	ng/uL>	-0.02 12/16/21 JU
4) Pyridine-d5	3.952	84	64369	25.189	ng/ul	-0.03
7) Phenol-d5	7.354	99	92084	30.787	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	57045	30.367	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.719	132	66656	30.948	ng/ul	-0.01
15) 4-Methylphenol-d8	8.905	113	73909	30.621	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	35120	30.370	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	41243	31.617	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	70254	31.742	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	128289	39.614	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	209508	30.462	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	271495	31.305	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	28833	25.900	ng/ul	0.00
60) Fluorene-d10	15.815	176	190544	30.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	30014	25.484	ng/ul	0.00
73) Anthracene-d10	17.672	188	283450	31.052	ng/ul	0.00
81) Pyrene-d10	19.951	212	301821	32.626	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.039	264	262370	31.939	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	8983	9.146	ng/uL#	94
5) Pyridine	3.976	79	66801	25.122	ng/ul	98
6) Benzaldehyde	7.325	77	62206	32.658	ng/ul	95
8) Phenol	7.378	94	91857	29.646	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.595	93	68008	29.012	ng/ul	99
12) 2-Chlorophenol	7.754	128	65478	29.833	ng/ul	97
13) 2-Methylphenol	8.641	108	67872	29.408	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.711	45	102319	30.248	ng/ul	99
16) Acetophenone	9.017	105	107625	28.828	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.993	70	62770	29.258	ng/ul	99
18) 4-Methylphenol	8.970	108	72799	29.498	ng/ul	94
19) Hexachloroethane	9.270	117	27242	29.386	ng/ul	96
22) Nitrobenzene	9.411	77	92921	30.645	ng/ul	96
23) Isophorone	9.928	82	172035	29.203	ng/ul	99
25) 2-Nitrophenol	10.122	139	40572	30.028	ng/ul	97
26) 2,4-Dimethylphenol	10.174	107	85071	30.795	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.404	93	97353	29.935	ng/ul	98
29) 2,4-Dichlorophenol	10.668	162	64960	29.816	ng/ul	96
30) Naphthalene	11.068	128	215012	28.846	ng/ul	99
32) 4-Chloroaniline	11.179	127	86179	26.507	ng/ul	98
33) Hexachlorobutadiene	11.326	225	42499	28.281	ng/ul	98
34) Caprolactam	11.949	113	25917m >	30.259	ng/ul >	12/16/21 JU
35) 4-Chloro-3-methylphenol	12.301	107	79219	30.269	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.660	142	147750	29.142	ng/ul	99
37)	1-Methylnaphthalene	12.877	142	151942	29.129	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.024	216	84950	30.273	ng/ul	97
40)	Hexachlorocyclopentadiene	12.989	237	25774	22.724	ng/ul	99
41)	2,4,6-Trichlorophenol	13.271	196	54368	30.874	ng/ul	93
42)	2,4,5-Trichlorophenol	13.353	196	58075	31.493	ng/ul	99
43)	1,1'-Biphenyl	13.653	154	200383	30.015	ng/ul	99
44)	2-Chloronaphthalene	13.706	162	156302	29.432	ng/ul	97
45)	2-Nitroaniline	13.917	65	60070	32.683	ng/ul	94
47)	Dimethylphthalate	14.264	163	203421	29.221	ng/ul	99
48)	2,6-Dinitrotoluene	14.405	165	44450	30.397	ng/ul	94
50)	Acenaphthylene	14.552	152	256614	29.949	ng/ul	99
51)	3-Nitroaniline	14.740	138	45677	31.601	ng/ul	95
52)	Acenaphthene	14.887	153	168577	29.833	ng/ul	97
53)	2,4-Dinitrophenol	14.969	184	20201	24.993	ng/ul#	82
55)	4-Nitrophenol	15.069	109	24869	25.751	ng/ul	97
56)	Dibenzofuran	15.222	168	238866	29.307	ng/ul	98
57)	2,4-Dinitrotoluene	15.198	165	63135	30.229	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.451	232	42622	29.433	ng/ul	98
59)	Diethylphthalate	15.615	149	216294	29.600	ng/ul	99
61)	Fluorene	15.868	166	190740	29.216	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.850	204	101433	28.829	ng/ul	97
63)	4-Nitroaniline	15.903	138	46779m >	33.257	ng/ul >	12/6/21 JU
66)	4,6-Dinitro-2-methylph...	15.968	198	27943	24.601	ng/ul	95
67)	N-Nitrosodiphenylamine	16.068	169	172203	31.516	ng/ul	99
68)	4-Bromophenyl-phenylether	16.749	248	62143	30.379	ng/ul	93
69)	Hexachlorobenzene	16.878	284	64146	30.753	ng/ul	96
70)	Atrazine	17.014	200	68333	29.757	ng/ul	98
71)	Pentachlorophenol	17.231	266	26953	29.162	ng/ul	96
72)	Phenanthrene	17.619	178	317389	30.118	ng/ul	99
74)	Anthracene	17.707	178	317149	30.302	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.629	216	87837	31.551	ng/uL	97
76)	Pentachlorobenzene	15.139	250	78992	30.452	ng/uL	99
77)	Carbazole	17.983	167	279647	30.440	ng/ul	99
78)	Di-n-butylphthalate	18.500	149	365084	30.820	ng/ul	99
80)	Fluoranthene	19.622	202	367379	32.333	ng/ul#	95
82)	Pyrene	19.981	202	349702	31.464	ng/ul	97
83)	Butylbenzylphthalate	20.838	149	145832	31.561	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.761	252	110510	31.045	ng/ul	100
85)	Benzo(a)anthracene	21.855	228	319265	30.788	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.708	149	209352	31.486	ng/ul	100
87)	Chrysene	21.925	228	304553	30.572	ng/ul	99
89)	Di-n-octyl phthalate	22.971	149	347736	31.206	ng/ul	100
90)	Benzo(b)fluoranthene	24.187	252	316116	30.453	ng/ul	99
91)	Benzo(k)fluoranthene	24.258	252	291327	29.907	ng/ul	99
93)	Benzo(a)pyrene	25.116	252	304470	30.745	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.205	276	335968	30.317	ng/ul	99
95)	Dibenzo(a,h)anthracene	29.246	278	285145	30.330	ng/ul	99
96)	Benzo(g,h,i)perylene	30.433	276	271108	29.077	ng/ul	99

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