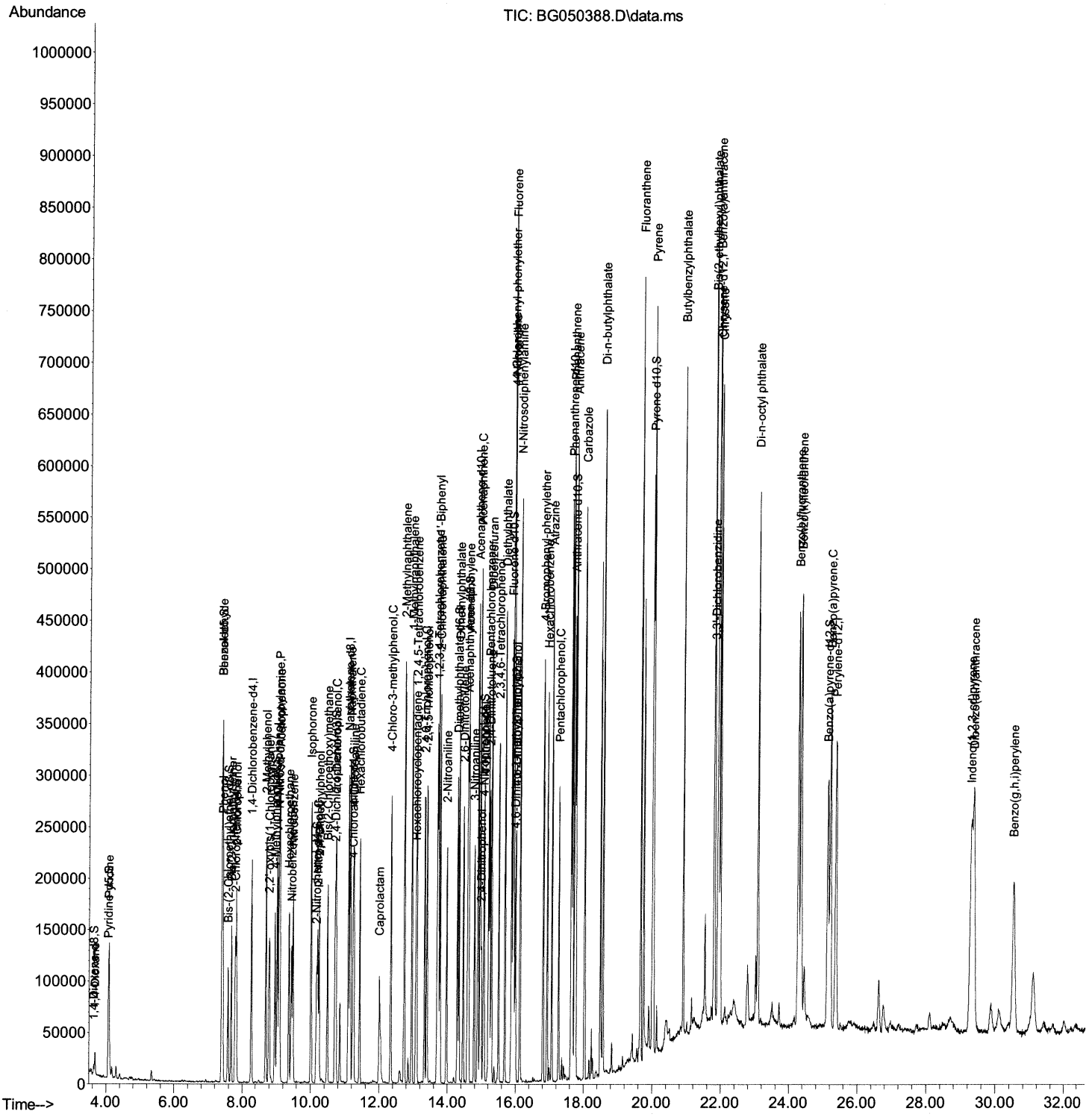
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050388.D
Acq On : 2 Oct 2021 13:29
Operator : CG/JU
Sample : M3877-16MS
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Oct 04 01:06:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW2L8MS

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:15 AM



Quantitation Report (Qedit)

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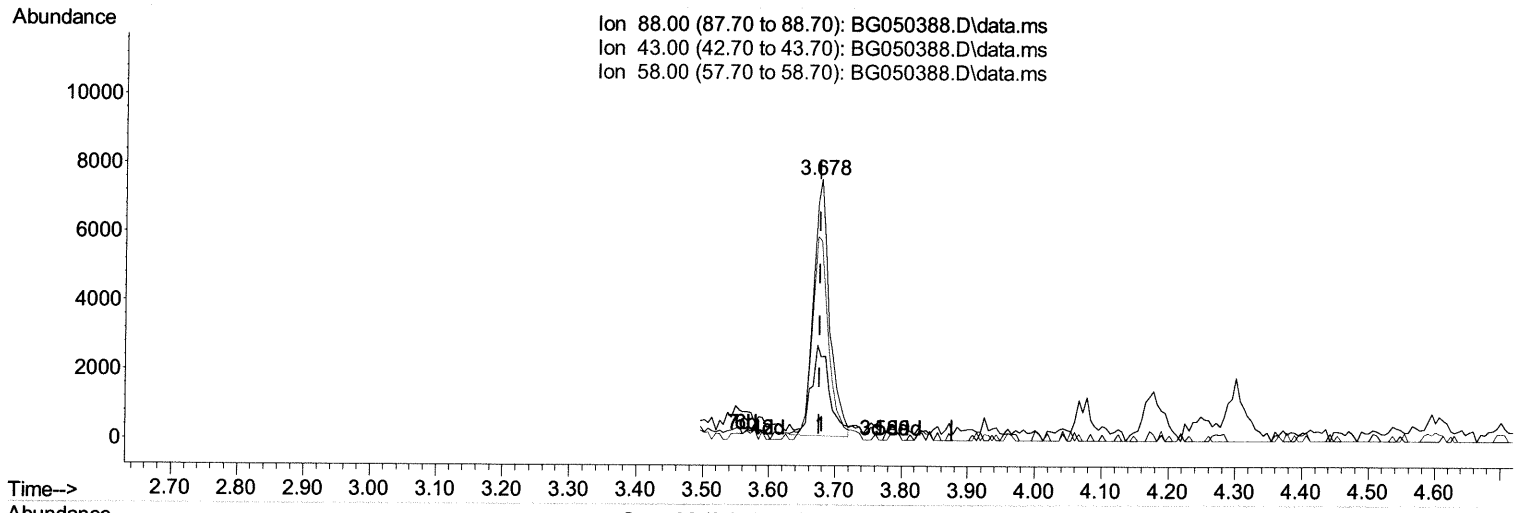

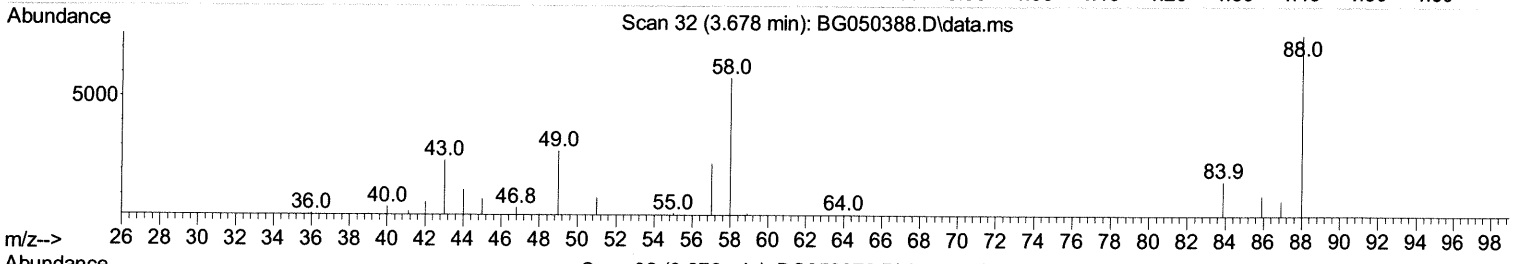

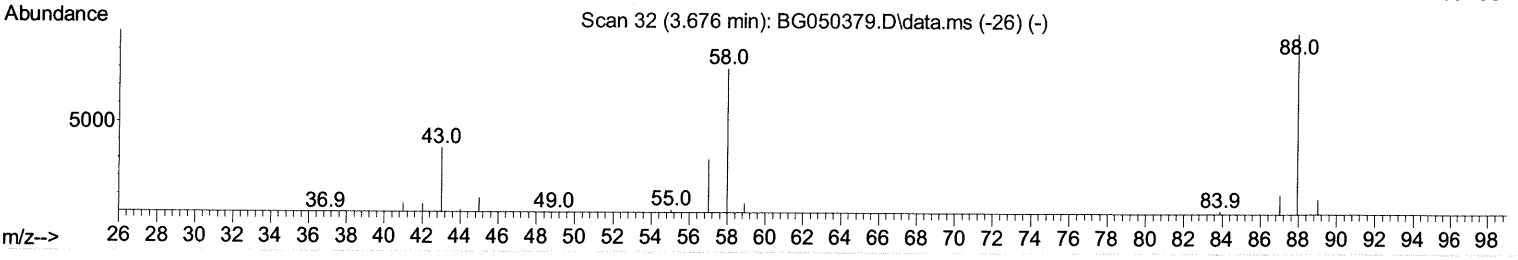

TIC: BG050388.D\data.ms

(2) 1,4-Dioxane

3.678min (+ 0.002) 6.63 ng/uL

response 12621

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	31.70
58.00	67.10	76.34
0.00	0.00	0.00

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mohammad
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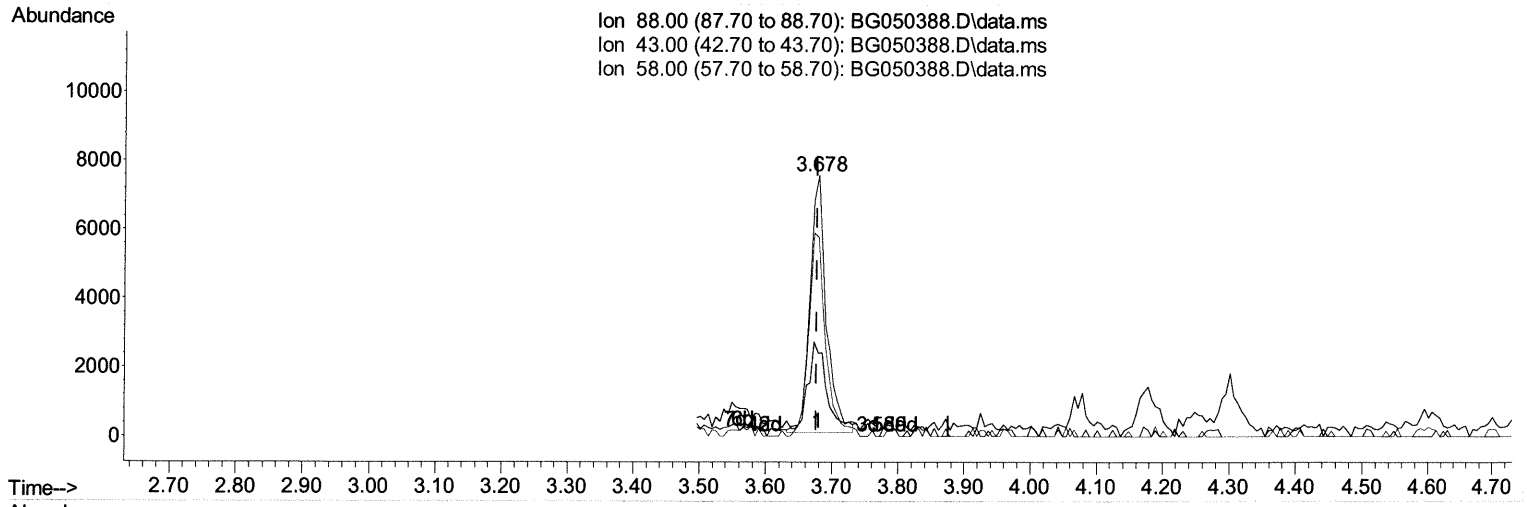

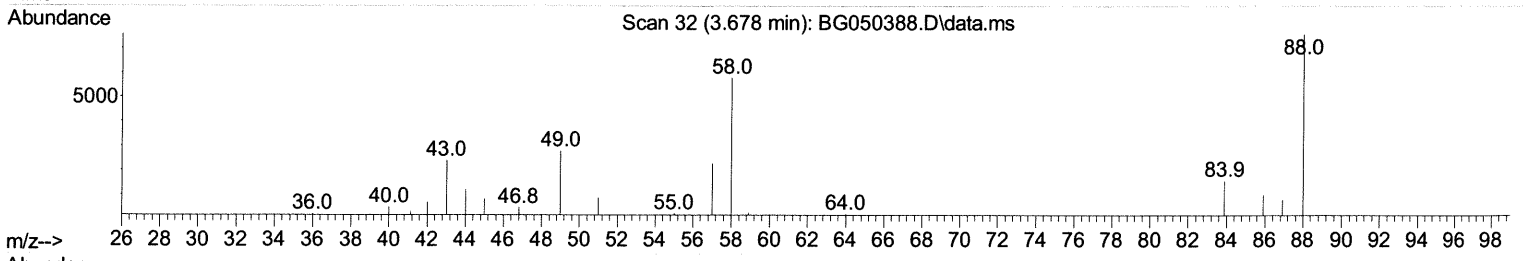

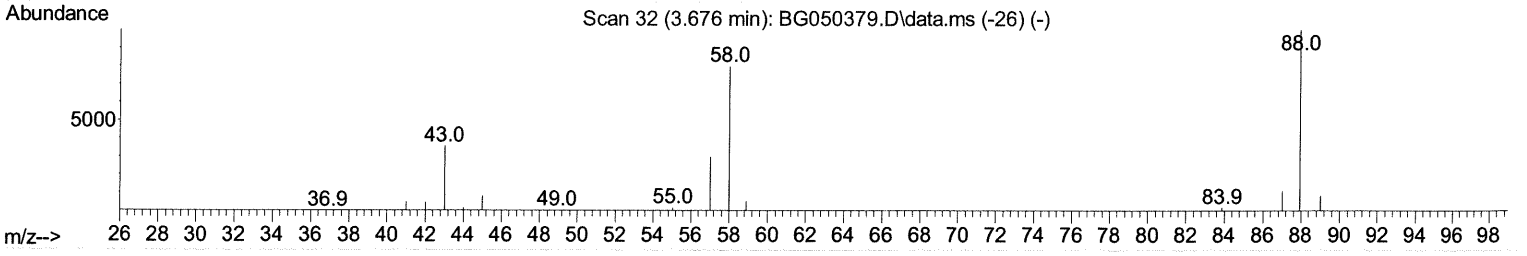

TIC: BG050388.D\data.ms

(2) 1,4-Dioxane

3.678min (+ 0.002) 6.70 ng/uL m 10/05/21 JU

response 12769

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	31.70
58.00	67.10	76.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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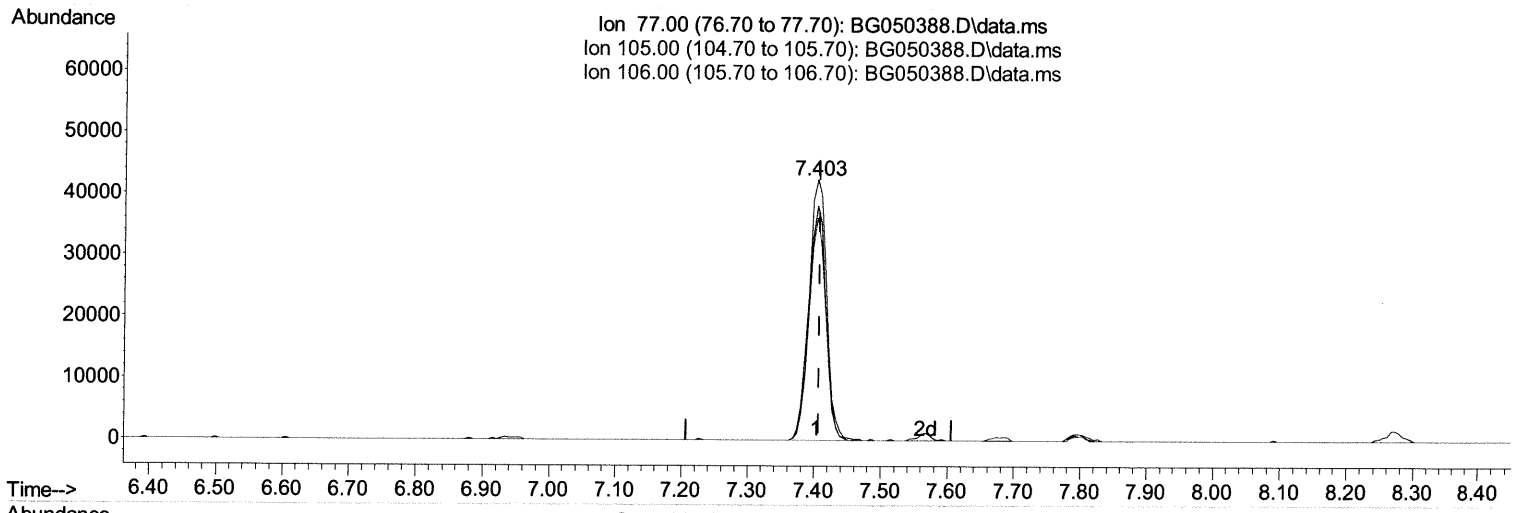

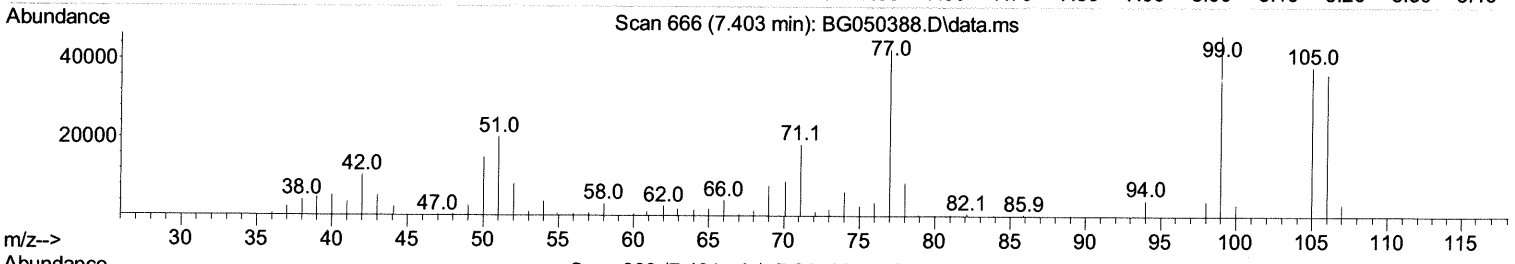

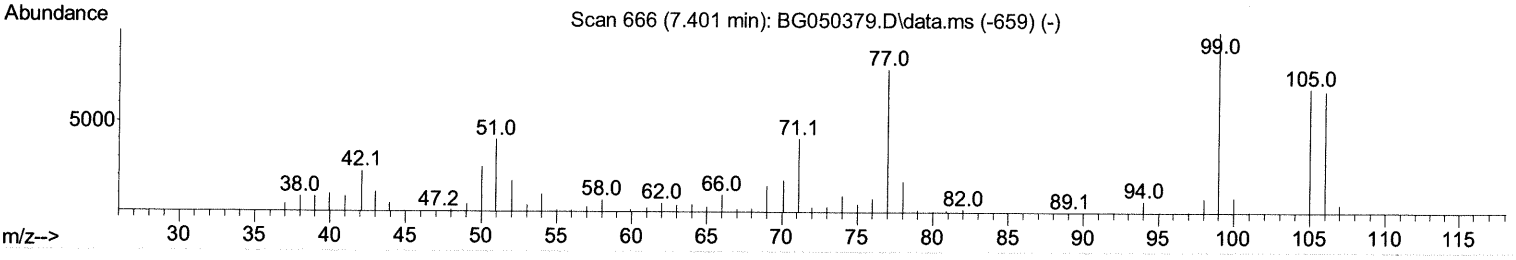

TIC: BG050388.D\data.ms

(6) Benzaldehyde

7.403min (-0.003) 23.53 ng/ul

response 78422

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	80.30	89.84
106.00	77.60	85.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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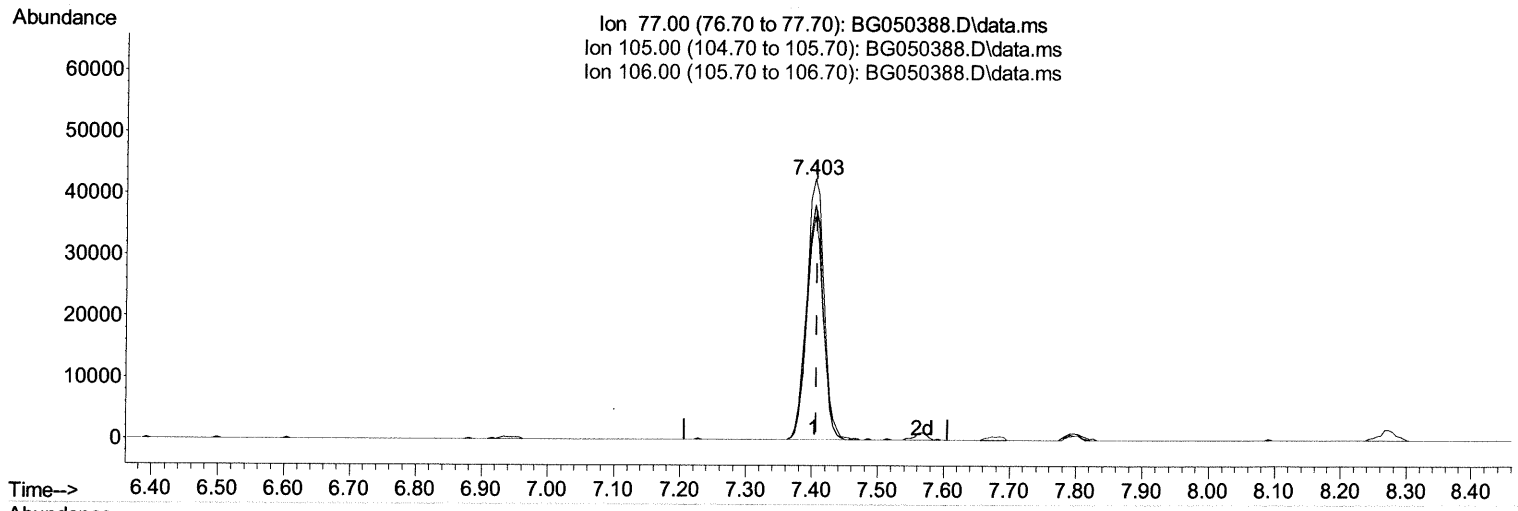

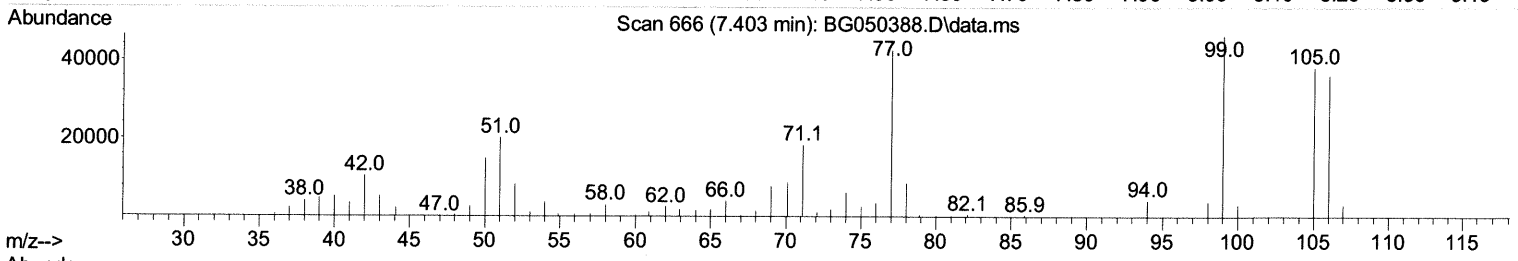

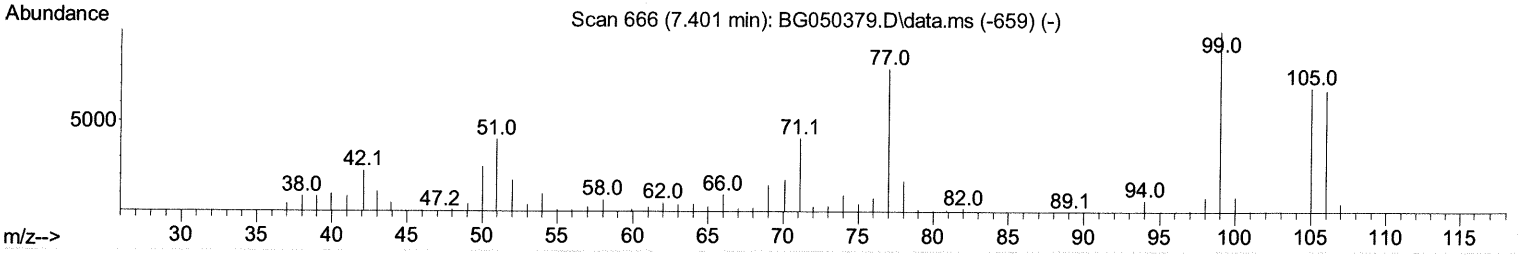

TIC: BG050388.D\data.ms

(6) Benzaldehyde

7.403min (-0.003) 23.56 ng/ul m 10/05/21JU

response 78517

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	80.30	89.84
106.00	77.60	85.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
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Manual Integrations APPROVED
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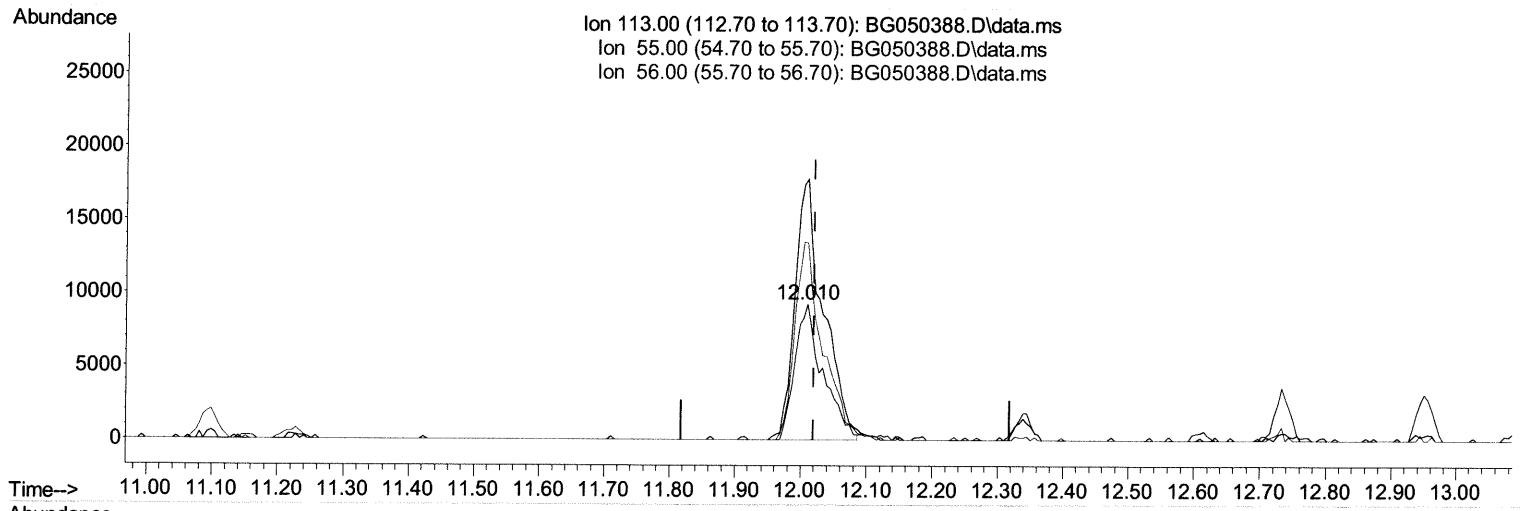

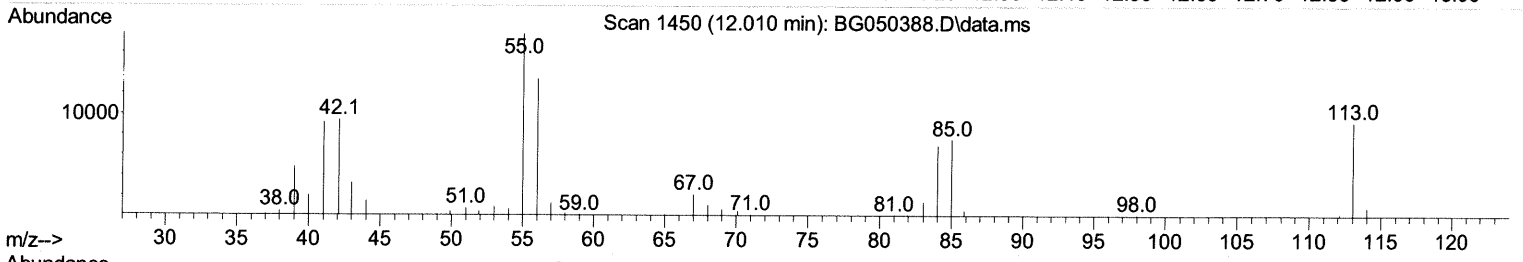

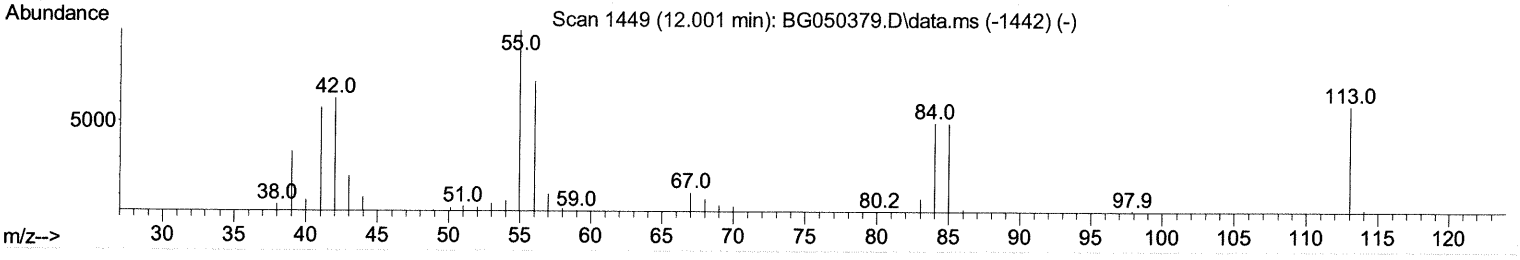

TIC: BG050388.D\data.ms

(34) Caprolactam

12.010min (-0.009) 19.78 ng/ul

response 27352

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	192.02
56.00	132.30	145.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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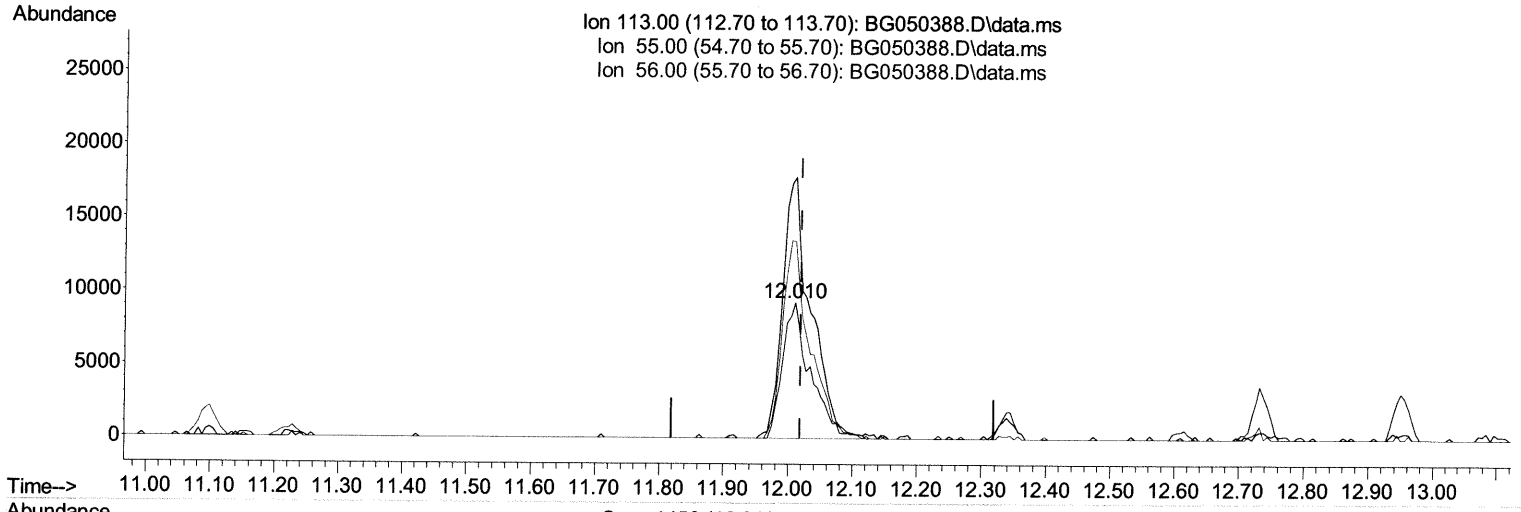

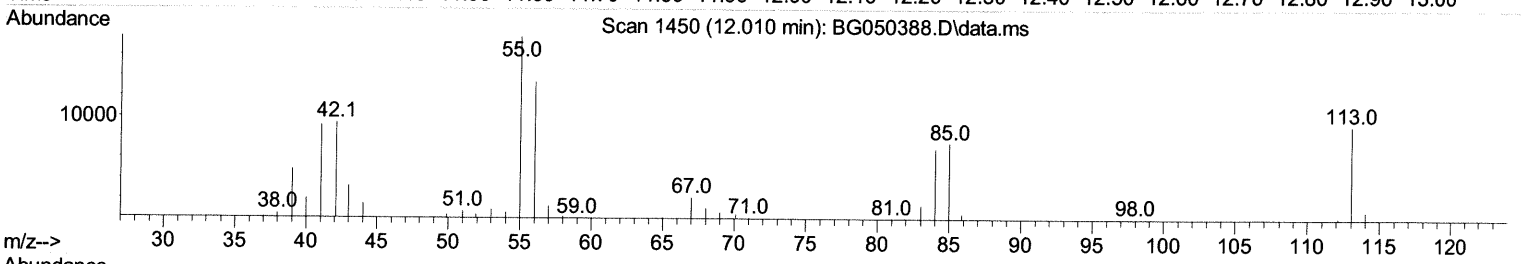

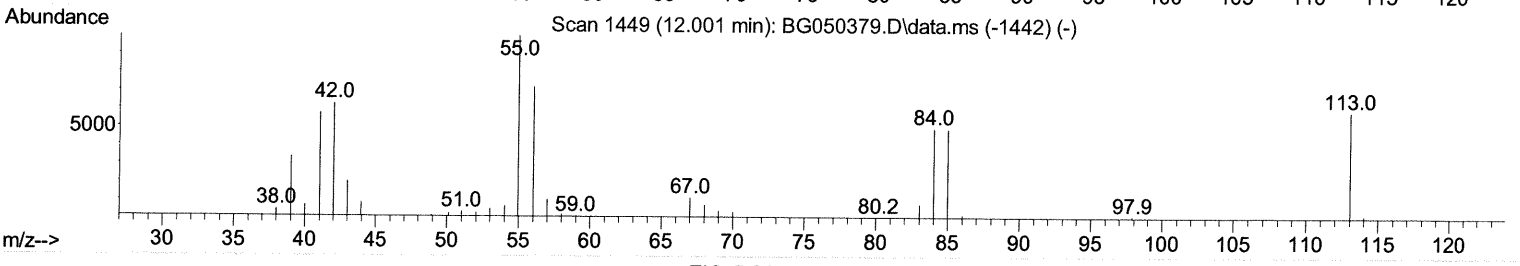

TIC: BG050388.D\data.ms

(34) Caprolactam

12.010min (-0.009) 20.13 ng/ul m 10/05/21 JU

response 27841

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	192.02
56.00	132.30	145.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	57831	20.000	ng/ul	0.00
20) Naphthalene-d8	11.099	136	243894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.888	164	160655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.632	188	339670	20.000	ng/ul	0.00
79) Chrysene-d12	21.933	240	294885	20.000	ng/ul	-0.02
88) Perylene-d12	25.359	264	297134	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.637	96	4488	2.851	ng/uL	0.00
4) Pyridine-d5	4.066	84	39923	8.511	ng/ul	0.00
7) Phenol-d5	7.403	99	82391	16.306	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	55024	17.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.797	132	59018	16.670	ng/ul	0.00
15) 4-Methylphenol-d8	8.960	113	62425	16.323	ng/ul	0.00
21) Nitrobenzene-d5	9.442	128	30714	18.001	ng/ul	0.00
24) 2-Nitrophenol-d4	10.165	143	33640	18.371	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.705	165	61434	16.990	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	75942	14.702	ng/ul	0.00
46) Dimethylphthalate-d6	14.283	166	191396	17.408	ng/ul	0.00
49) Acenaphthylene-d8	14.589	160	234281	16.967	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	33987	16.049	ng/ul	0.00
60) Fluorene-d10	15.876	176	169914	17.153	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.981	200	29641	17.496	ng/ul	0.00
73) Anthracene-d10	17.732	188	261812	18.245	ng/ul	0.00
81) Pyrene-d10	20.006	212	302695	19.304	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.118	264	260227	17.417	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	12769m	6.705	ng/uL	10/05/21JU
5) Pyridine	4.083	79	71556	15.061	ng/ul	95
6) Benzaldehyde	7.403	77	78517m	23.563	ng/ul	10/05/21JU
8) Phenol	7.433	94	115347	22.272	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.679	93	84809	21.832	ng/ul	98
12) 2-Chlorophenol	7.826	128	77910	21.510	ng/ul	95
13) 2-Methylphenol	8.696	108	78996	20.698	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.790	45	134946	23.154	ng/ul	100
16) Acetophenone	9.095	105	136112	22.400	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.072	70	78959	21.622	ng/ul	96
18) 4-Methylphenol	9.025	108	85153	21.067	ng/ul	93
19) Hexachloroethane	9.366	117	32974	21.182	ng/ul	96
22) Nitrobenzene	9.483	77	114253	22.343	ng/ul	98
23) Isophorone	10.006	82	212026	21.575	ng/ul	99
25) 2-Nitrophenol	10.200	139	42761	22.721	ng/ul	97
26) 2,4-Dimethylphenol	10.241	107	62980	13.481	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.482	93	114184	21.521	ng/ul	98
29) 2,4-Dichlorophenol	10.729	162	77571	21.668	ng/ul	98
30) Naphthalene	11.146	128	258898	20.676	ng/ul	97
32) 4-Chloroaniline	11.246	127	98003	18.845	ng/ul	99
33) Hexachlorobutadiene	11.422	225	53214	20.455	ng/ul	96
34) Caprolactam	12.010	113	27841m	20.130	ng/ul	10/05/21JU
35) 4-Chloro-3-methylphenol	12.339	107	92569	21.932	ng/ul	96

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.732	142	186975	21.963	ng/ul	99
37) 1-Methylnaphthalene	12.950	142	173724	20.270	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.091	216	99720	21.509	ng/ul#	98
40) Hexachlorocyclopentadiene	13.067	237	45508	14.801	ng/ul	97
41) 2,4,6-Trichlorophenol	13.326	196	68551	23.459	ng/ul	98
42) 2,4,5-Trichlorophenol	13.390	196	74450	23.291	ng/ul	95
43) 1,1'-Biphenyl	13.725	154	233516	21.599	ng/ul	100
44) 2-Chloronaphthalene	13.772	162	184328	21.762	ng/ul	96
45) 2-Nitroaniline	13.966	65	70388	25.383	ng/ul	88
47) Dimethylphthalate	14.330	163	242847	21.952	ng/ul	99
48) 2,6-Dinitrotoluene	14.454	165	48892	23.496	ng/ul	95
50) Acenaphthylene	14.612	152	279704	19.971	ng/ul	99
51) 3-Nitroaniline	14.783	138	53247	23.524	ng/ul	96
52) Acenaphthene	14.953	153	202635	21.890	ng/ul	98
53) 2,4-Dinitrophenol	14.983	184	26458	20.398	ng/ul	92
55) 4-Nitrophenol	15.071	109	44835	21.411	ng/ul	97
56) Dibenzofuran	15.282	168	283986	21.094	ng/ul	98
57) 2,4-Dinitrotoluene	15.235	165	71443	23.644	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.500	232	61421	22.344	ng/ul	90
59) Diethylphthalate	15.688	149	261081	22.618	ng/ul	98
61) Fluorene	15.934	166	228424	21.326	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.917	204	122844	21.177	ng/ul	96
63) 4-Nitroaniline	15.940	138	53884	23.573	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.993	198	38859	23.204	ng/ul	98
67) N-Nitrosodiphenylamine	16.128	169	205001	23.870	ng/ul	99
68) 4-Bromophenyl-phenylether	16.816	248	75605	23.907	ng/ul	97
69) Hexachlorobenzene	16.933	284	77064	23.142	ng/ul	96
70) Atrazine	17.068	200	85174	23.293	ng/ul	99
71) Pentachlorophenol	17.268	266	46519	21.331	ng/ul	99
72) Phenanthrene	17.673	178	393894	23.232	ng/ul	99
74) Anthracene	17.767	178	387325	23.066	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.696	216	106893	23.870	ng/uL	98
76) Pentachlorobenzene	15.200	250	92882	22.703	ng/uL	97
77) Carbazole	18.032	167	364330	24.240	ng/ul	100
78) Di-n-butylphthalate	18.572	149	433583	24.344	ng/ul	99
80) Fluoranthene	19.671	202	469676	23.852	ng/ul	99
82) Pyrene	20.035	202	460884	23.735	ng/ul	99
83) Butylbenzylphthalate	20.905	149	183828	25.684	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.822	252	113001	18.592	ng/ul	97
85) Benzo(a)anthracene	21.916	228	422011	23.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.798	149	281666	27.387	ng/ul	98
87) Chrysene	21.986	228	401519	23.568	ng/ul	99
89) Di-n-octyl phthalate	23.085	149	458070	26.829	ng/ul	100
90) Benzo(b)fluoranthene	24.266	252	422887	23.366	ng/ul	99
91) Benzo(k)fluoranthene	24.336	252	408271	24.243	ng/ul	96
93) Benzo(a)pyrene	25.200	252	366241	21.209	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.283	276	464964	23.982	ng/ul	99
95) Dibenzo(a,h)anthracene	29.366	278	388586	23.552	ng/ul	97
96) Benzo(g,h,i)perylene	30.517	276	296378	18.134	ng/ul	100

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