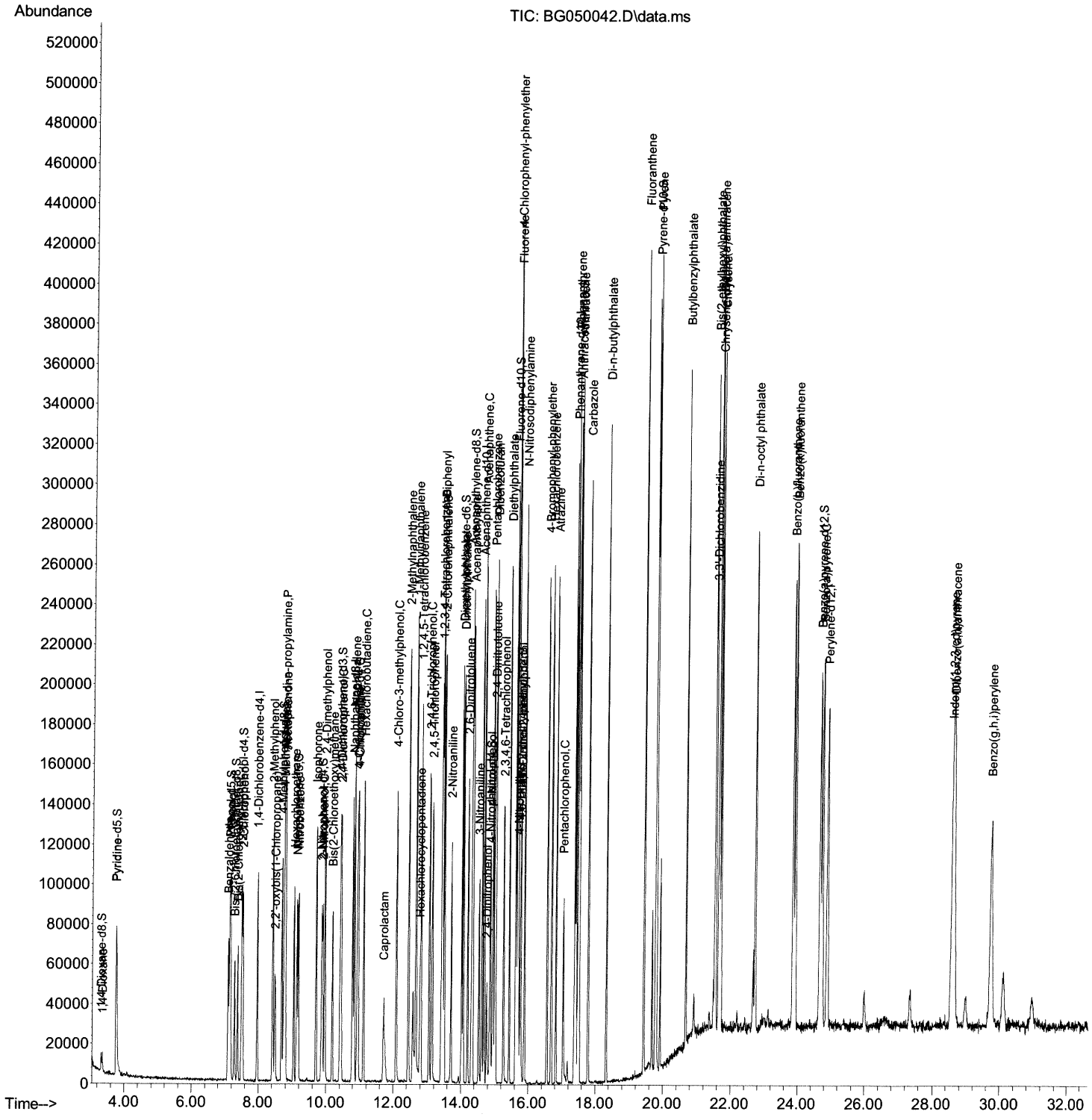
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050042.D
Acq On : 30 Aug 2021 23:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 31 02:28:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
8/31/2021 11:35:47 AM



Quantitation Report (Qedit)

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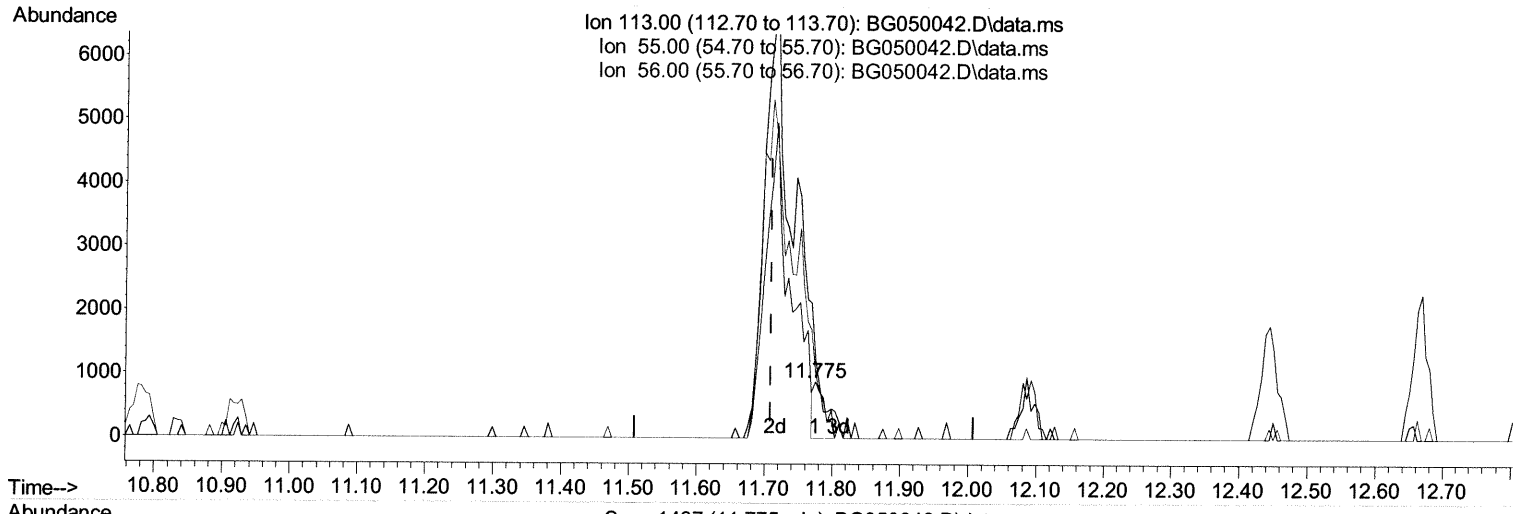

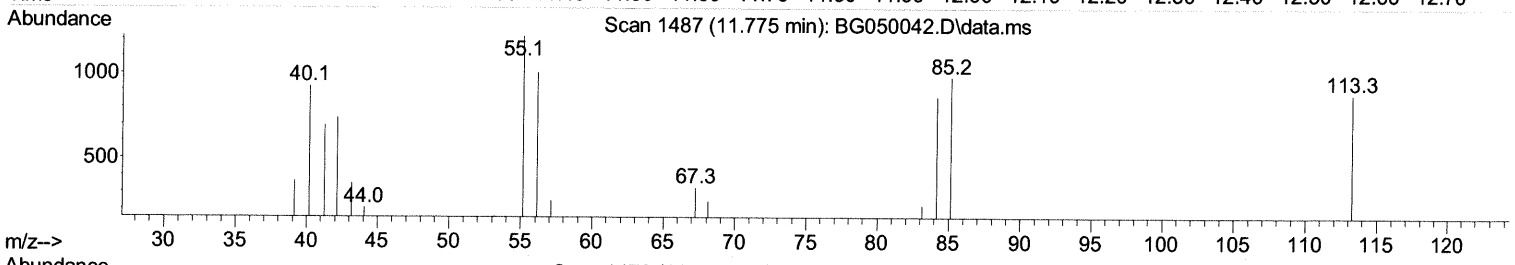

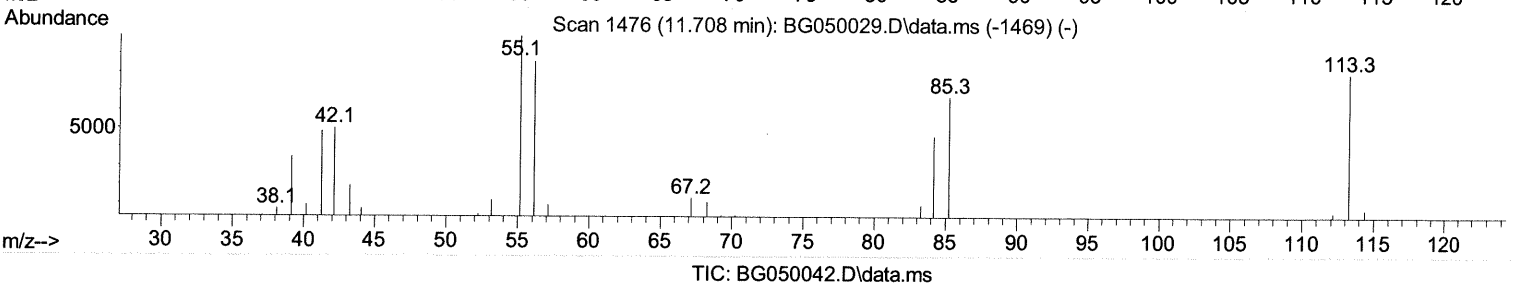

TIC: BG050042.D\data.ms

(34) Caprolactam

11.775min (+ 0.066) 1.63 ng/ul

response 1035

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	138.37
56.00	134.20	114.30
0.00	0.00	0.00

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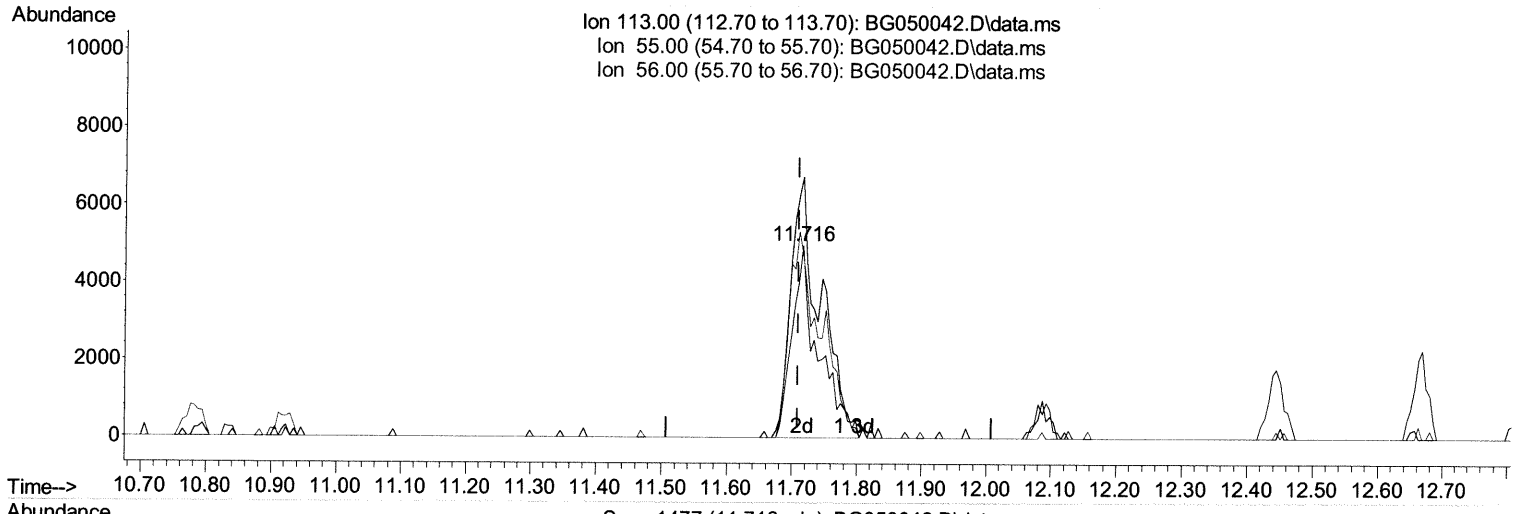

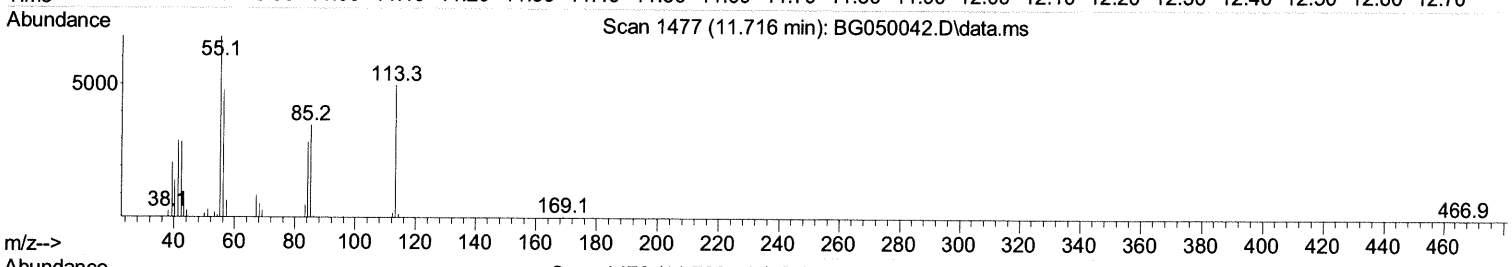

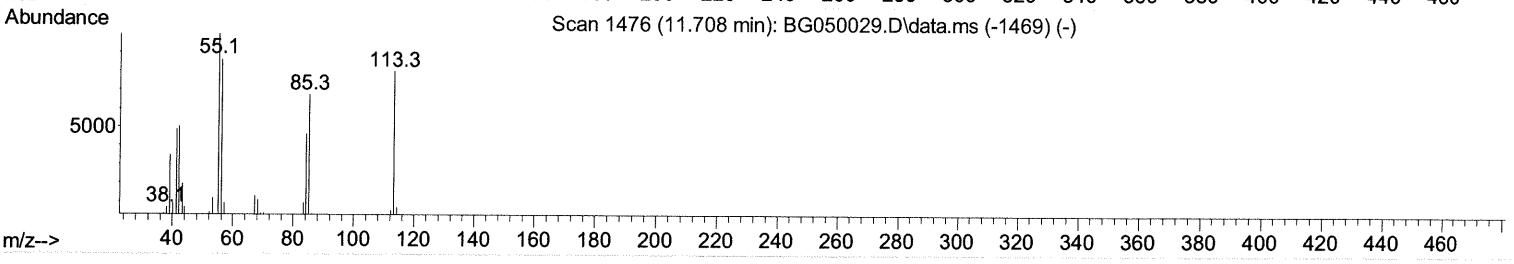

TIC: BG050042.D\data.ms

(34) Caprolactam

11.716min (+ 0.008) 21.73 ng/ul m 09/01/21 JU

response 13838

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	135.71
56.00	134.20	96.11#
0.00	0.00	0.00

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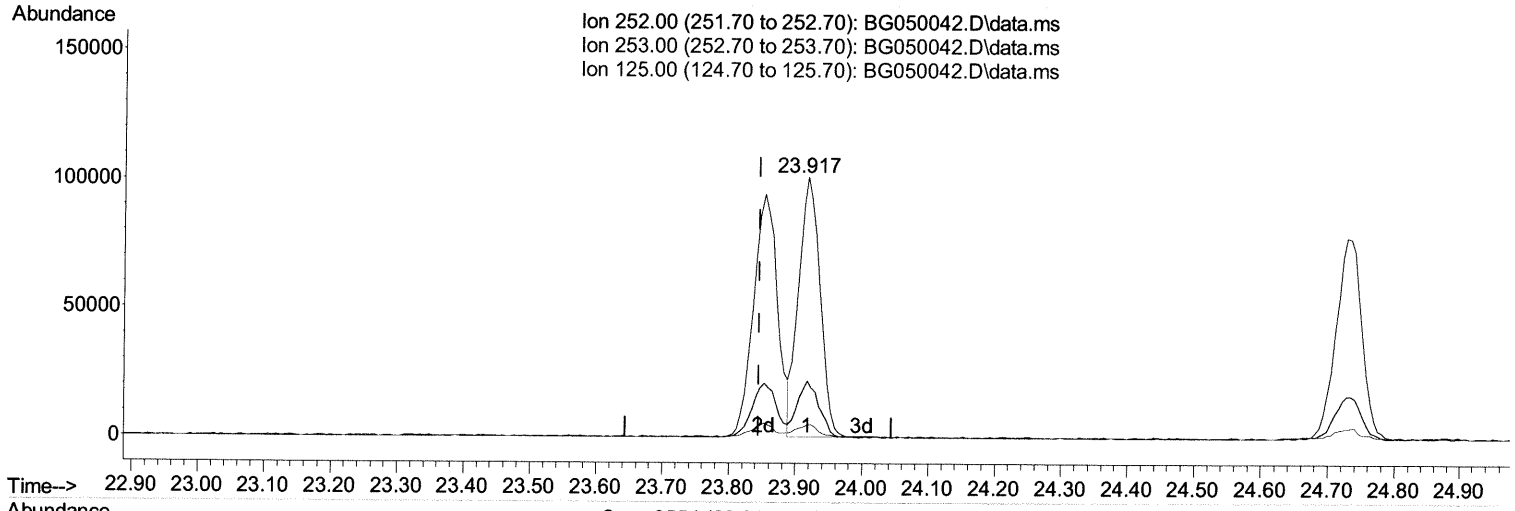

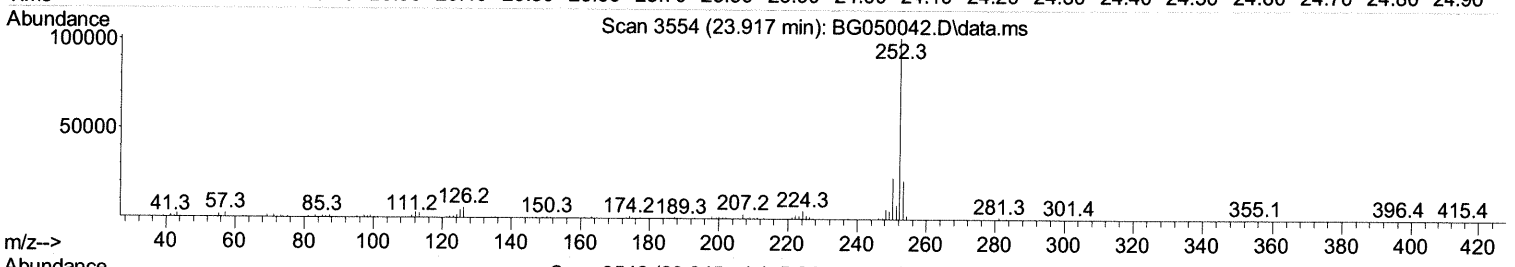

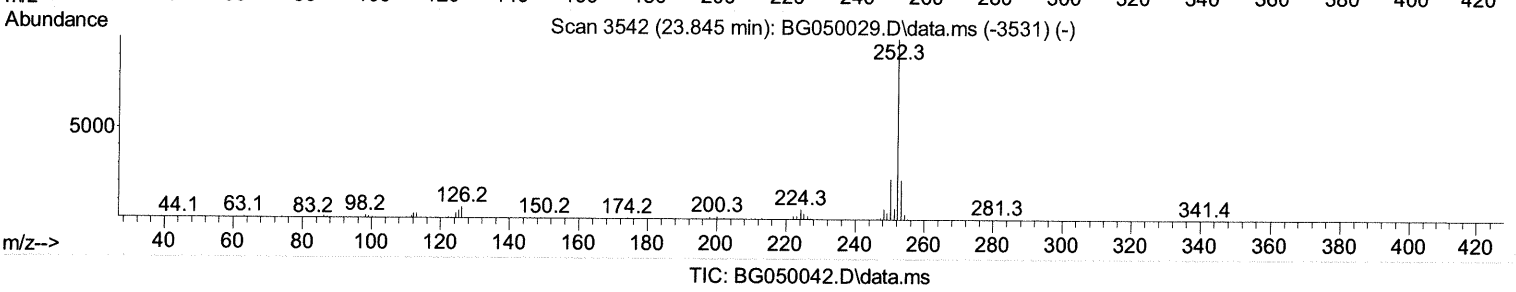

(90) Benzo(b)fluoranthene

23.917min (+ 0.072) 20.87 ng/ul

response 225781

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	21.55
125.00	4.20	4.52
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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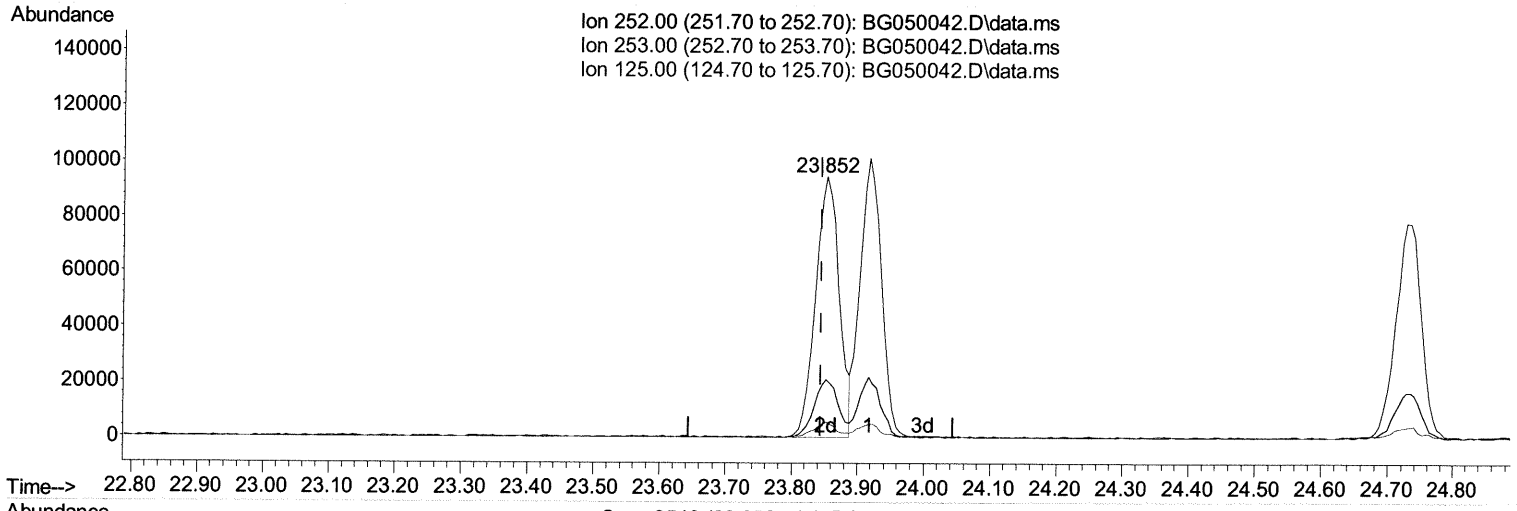

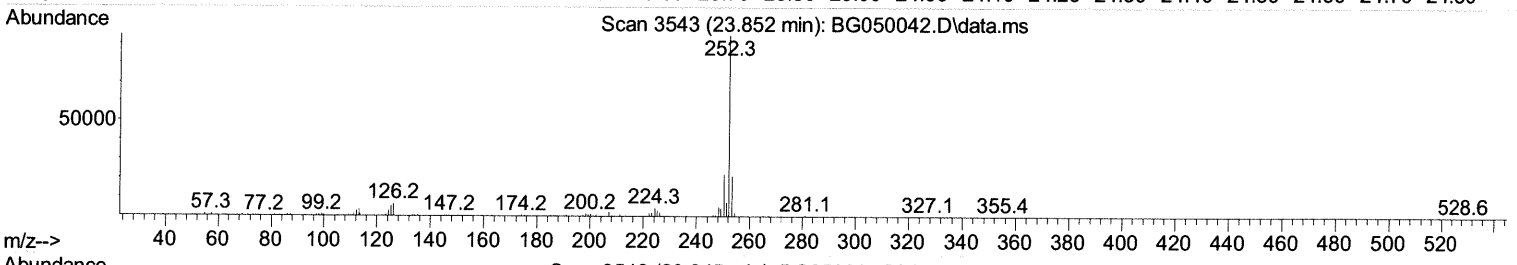

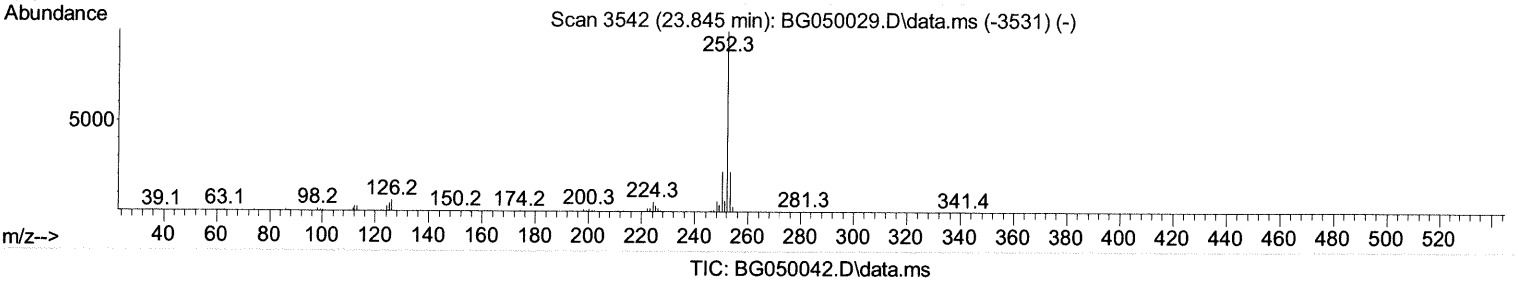

TIC: BG050042.D\data.ms

(90) Benzo(b)fluoranthene

23.852min (+ 0.008) 21.80 ng/ul m 09/01/21 JU

response 235821

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.04
125.00	4.20	5.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
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BNA_G
LabSampleId :
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Manual Integrations APPROVED
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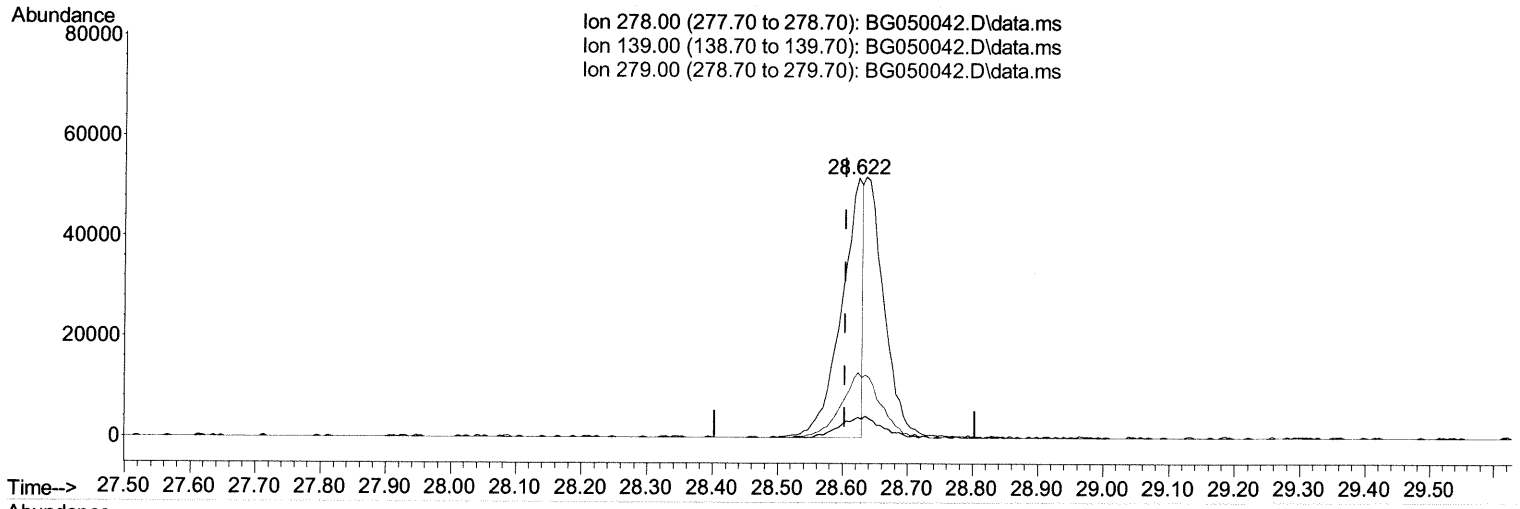

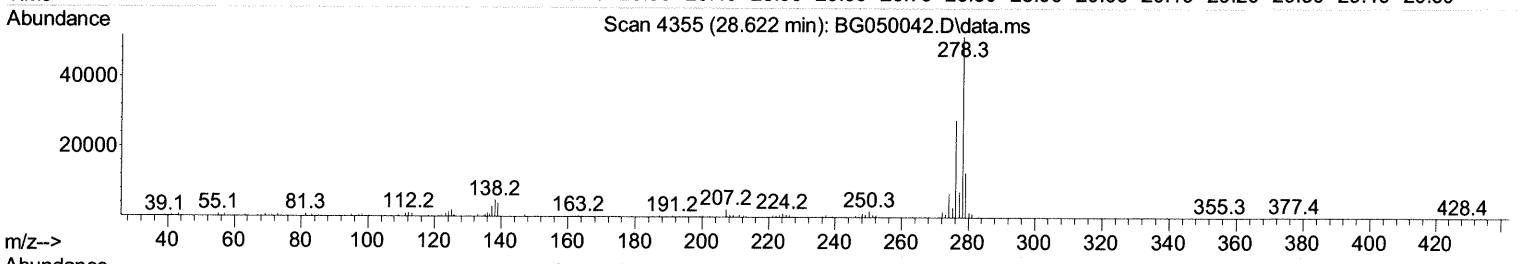

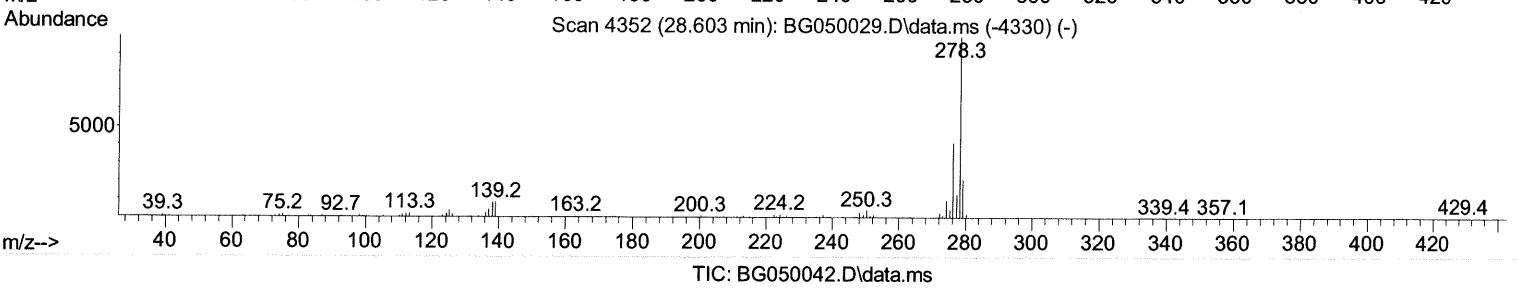

TIC: BG050042.D\data.ms

(95) Dibenzo(a,h)anthracene

28.622min (+ 0.019) 11.52 ng/ul

response 119570

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	7.76
279.00	23.70	25.12
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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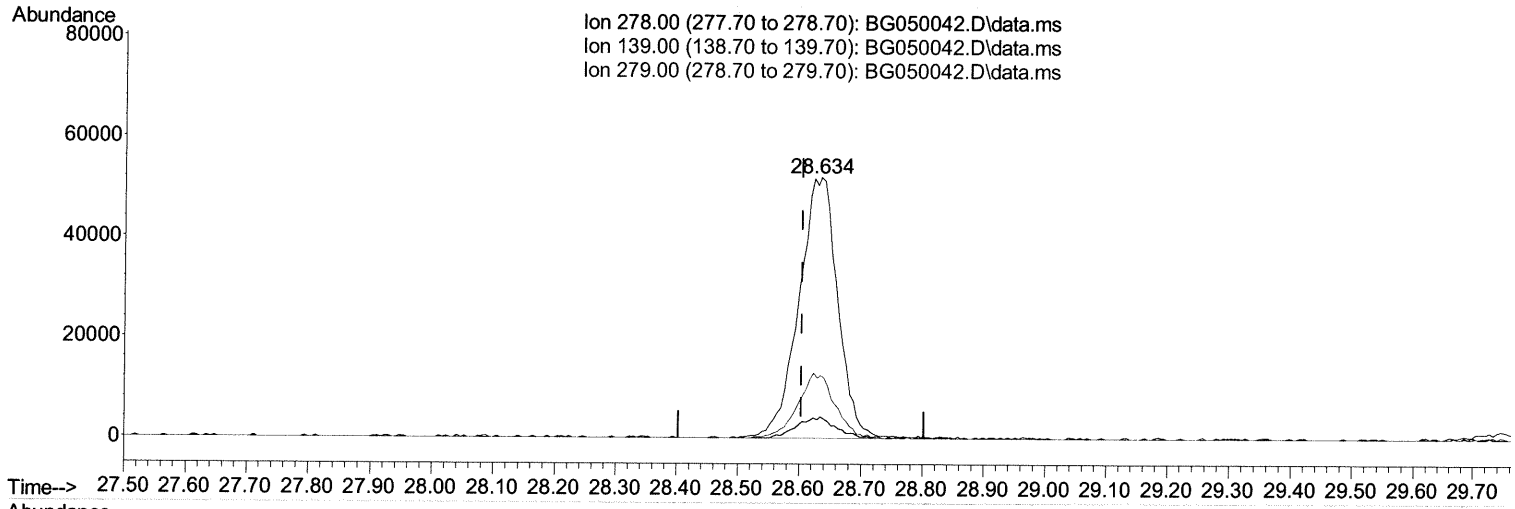

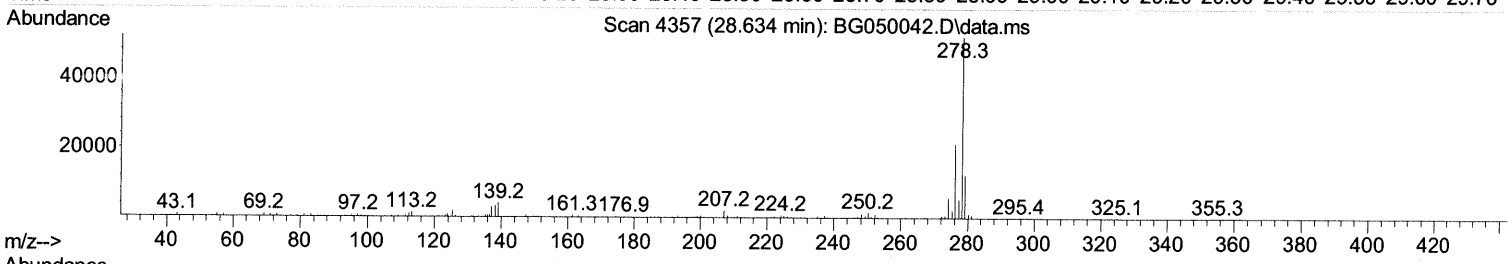

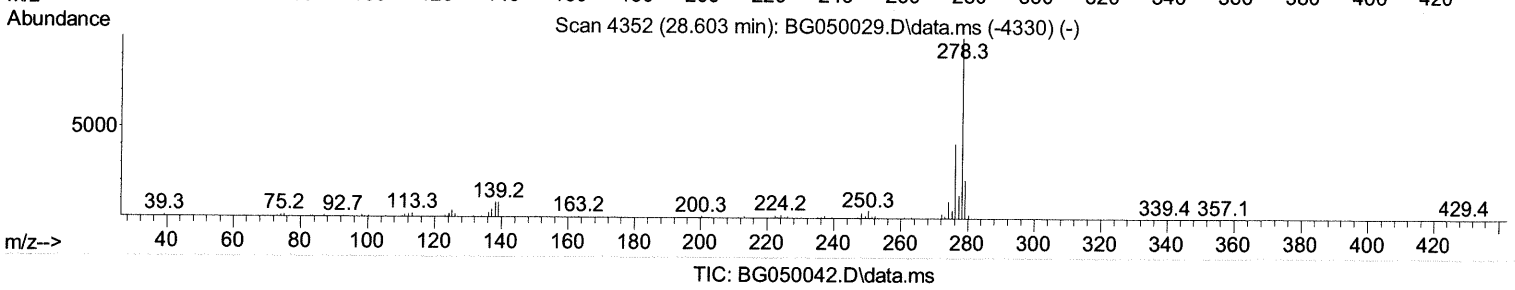

TIC: BG050042.D\data.ms

(95) Dibenzo(a,h)anthracene

28.634min (+ 0.031) 21.88 ng/ul m 09/01/21 JU

response 227046

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	8.06#
279.00	23.70	23.99
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	29639	20.000	ng/ul	0.00
20) Naphthalene-d8	10.782	136	120295	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.624	164	86387	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.379	188	188633	20.000	ng/ul	0.00
79) Chrysene-d12	21.655	240	163233	20.000	ng/ul	0.00
88) Perylene-d12	24.880	264	169146	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5089	8.854	ng/uL	0.00
4) Pyridine-d5	3.750	84	33122	19.132	ng/ul	0.00
7) Phenol-d5	7.134	99	53927	21.426	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	29526	21.116	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	42288	22.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.685	113	42732	21.559	ng/ul	0.00
21) Nitrobenzene-d5	9.131	128	20739	22.237	ng/ul	0.00
24) 2-Nitrophenol-d4	9.860	143	24565	22.121	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.412	165	46885	23.671	ng/ul	0.00
31) 4-Chloroaniline-d4	10.923	131	61293	22.735	ng/ul	0.00
46) Dimethylphthalate-d6	14.025	166	136340	20.622	ng/ul	0.00
49) Acenaphthylene-d8	14.318	160	170132	21.947	ng/ul	0.00
54) 4-Nitrophenol-d4	14.853	143	18646	19.493	ng/ul	0.00
60) Fluorene-d10	15.617	176	124706	22.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.752	200	22732	18.732	ng/ul	0.00
73) Anthracene-d10	17.479	188	190340	22.471	ng/ul	0.00
81) Pyrene-d10	19.770	212	202149	22.917	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	198159	22.082	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	5574	7.955	ng/uL	97
5) Pyridine	3.762	79	37189	19.875	ng/ul	96
6) Benzaldehyde	7.093	77	25993	17.947	ng/ul	97
8) Phenol	7.163	94	52631	20.703	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	37210	21.203	ng/ul	96
12) 2-Chlorophenol	7.527	128	40517	21.773	ng/ul#	85
13) 2-Methylphenol	8.420	108	41431	21.125	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.485	45	38088	20.697	ng/ul	99
16) Acetophenone	8.790	105	67877	20.998	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.773	70	33890	20.879	ng/ul#	94
18) 4-Methylphenol	8.749	108	44497	21.089	ng/ul	94
19) Hexachloroethane	9.049	117	17999	22.101	ng/ul	93
22) Nitrobenzene	9.178	77	55894	22.118	ng/ul	98
23) Isophorone	9.695	82	93487	20.763	ng/ul	95
25) 2-Nitrophenol	9.895	139	24314	22.520	ng/ul	92
26) 2,4-Dimethylphenol	9.960	107	53288	22.208	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.183	93	50314	21.640	ng/ul	95
29) 2,4-Dichlorophenol	10.441	162	43557	23.959	ng/ul	91
30) Naphthalene	10.835	128	134303	22.337	ng/ul	99
32) 4-Chloroaniline	10.946	127	58987	22.719	ng/ul	96
33) Hexachlorobutadiene	11.111	225	34574	23.509	ng/ul	93
34) Caprolactam	11.716	113	13838m >	21.730	ng/ul >	09/01/21 JU
35) 4-Chloro-3-methylphenol	12.086	107	50725	23.346	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.444	142	104957	23.483	ng/ul	97
37) 1-Methylnaphthalene	12.668	142	102613	22.745	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.814	216	58343	22.994	ng/ul#	95
40) Hexachlorocyclopentadiene	12.785	237	16319	14.371	ng/ul	94
41) 2,4,6-Trichlorophenol	13.061	196	36730	22.716	ng/ul	93
42) 2,4,5-Trichlorophenol	13.143	196	37562	22.165	ng/ul	87
43) 1,1'-Biphenyl	13.455	154	134469	22.280	ng/ul	98
44) 2-Chloronaphthalene	13.502	162	107036	22.080	ng/ul	96
45) 2-Nitroaniline	13.707	65	35120	21.338	ng/ul	98
47) Dimethylphthalate	14.072	163	132318	20.223	ng/ul	99
48) 2,6-Dinitrotoluene	14.201	165	28886	21.384	ng/ul#	91
50) Acenaphthylene	14.348	152	157938	22.292	ng/ul	95
51) 3-Nitroaniline	14.530	138	25230	19.355	ng/ul	96
52) Acenaphthene	14.688	153	114782	22.334	ng/ul	95
53) 2,4-Dinitrophenol	14.765	184	12841	18.612	ng/ul	88
55) 4-Nitrophenol	14.865	109	21297	17.561	ng/ul	89
56) Dibenzofuran	15.023	168	158380	22.253	ng/ul	99
57) 2,4-Dinitrotoluene	15.000	165	41903	21.565	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.264	232	31004	22.078	ng/ul#	95
59) Diethylphthalate	15.434	149	139283	20.809	ng/ul	99
61) Fluorene	15.675	166	136393	22.714	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.664	204	69540	21.888	ng/ul	97
63) 4-Nitroaniline	15.699	138	24437	18.786	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.769	198	18698	16.998	ng/ul#	97
67) N-Nitrosodiphenylamine	15.881	169	112588	22.671	ng/ul	97
68) 4-Bromophenyl-phenylether	16.556	248	49462	23.703	ng/ul	95
69) Hexachlorobenzene	16.686	284	55208	22.912	ng/ul	97
70) Atrazine	16.827	200	47280	21.430	ng/ul	96
71) Pentachlorophenol	17.038	266	20590	20.180	ng/ul	87
72) Phenanthrene	17.420	178	220900	23.490	ng/ul	97
74) Anthracene	17.514	178	218182	22.895	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.425	216	60510	23.909	ng/uL	89
76) Pentachlorobenzene	14.947	250	64265	23.965	ng/uL	93
77) Carbazole	17.784	167	194480	22.935	ng/ul	97
78) Di-n-butylphthalate	18.331	149	233892	21.567	ng/ul	99
80) Fluoranthene	19.435	202	256144	23.532	ng/ul	99
82) Pyrene	19.799	202	254324	23.579	ng/ul	98
83) Butylbenzylphthalate	20.674	149	95262	22.380	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.544	252	64932	16.781	ng/ul	99
85) Benzo(a)anthracene	21.638	228	228765	22.492	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.520	149	130215	22.276	ng/ul#	99
87) Chrysene	21.702	228	218381	22.713	ng/ul	96
89) Di-n-octyl phthalate	22.725	149	222357	22.160	ng/ul	100
90) Benzo(b)fluoranthene	23.852	252	235821m>	21.796	ng/ul>	09/01/21 JU
91) Benzo(k)fluoranthene	23.917	252	226262	22.000	ng/ul	99
93) Benzo(a)pyrene	24.728	252	210125	22.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.575	276	275101	22.195	ng/ul	96
95) Dibenzo(a,h)anthracene	28.634	278	227046m>	21.881	ng/ul >	09/01/21 JU
96) Benzo(g,h,i)perylene	29.744	276	226292	21.716	ng/ul	98

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