

Quantitation Report (QT Reviewed)

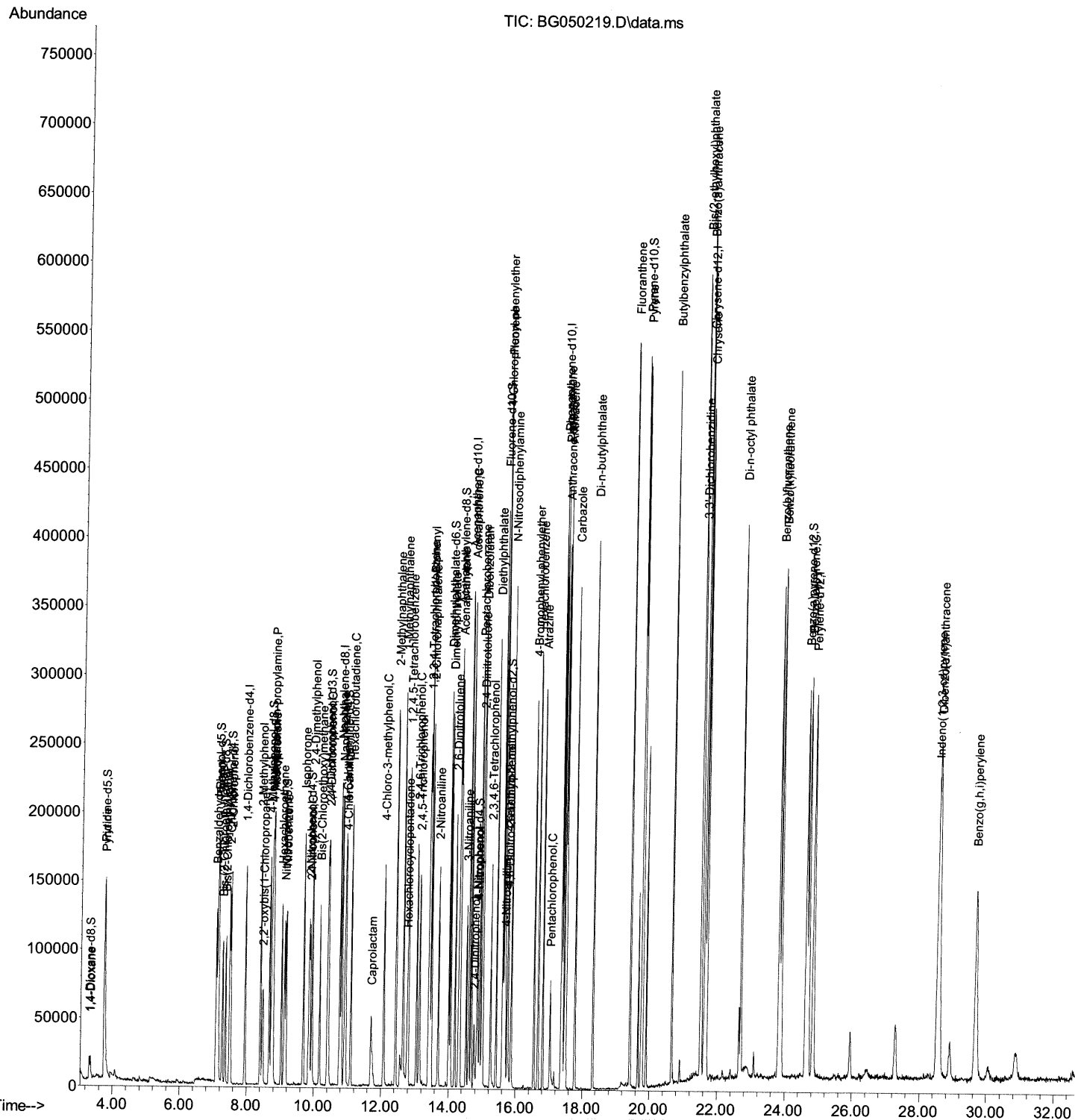
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Data Path : Z:\svoausrv\HPCHEM1\BNA_G\Data\BG090721\  
Data File : BG050219.D  
Acq On    : 9 Sep 2021    5:44  
Operator  : CG/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 47    Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED

mohammad
9/9/2021 11:47:18 AM

Quant Time: Sep 09 06:41:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

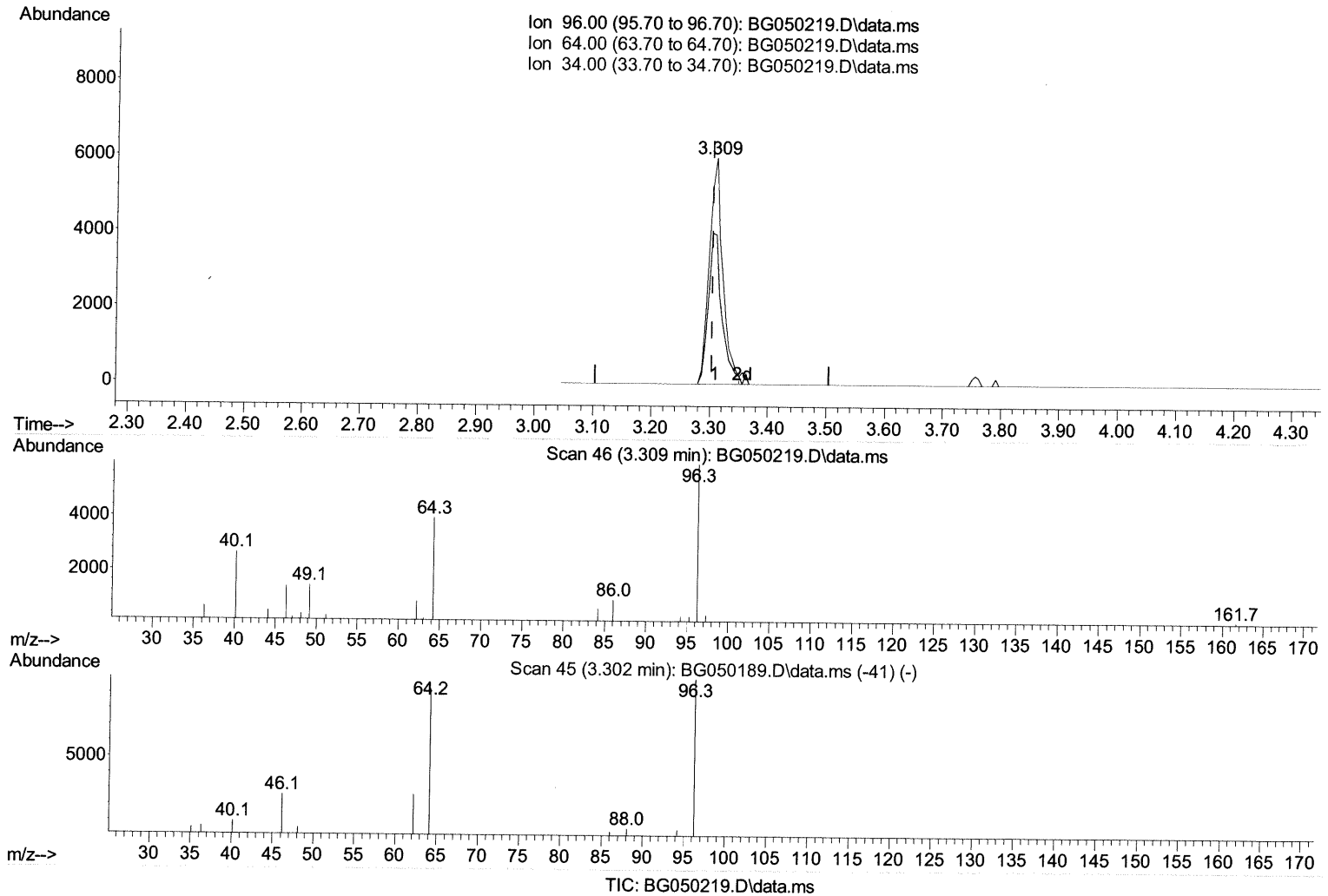
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(3) 1,4-Dioxane-d8 (S)

3.309min (+ 0.005) 10.46 ng/uL

response 9703

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	65.86
34.00	0.00	0.00
0.00	0.00	0.00

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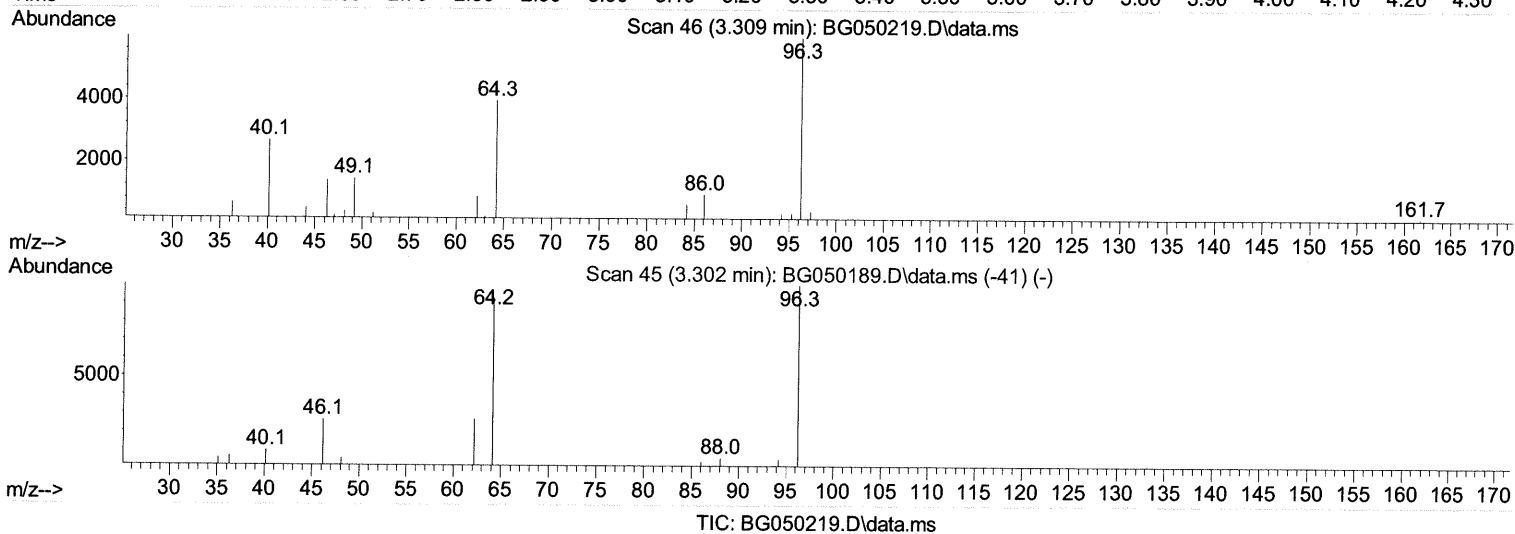
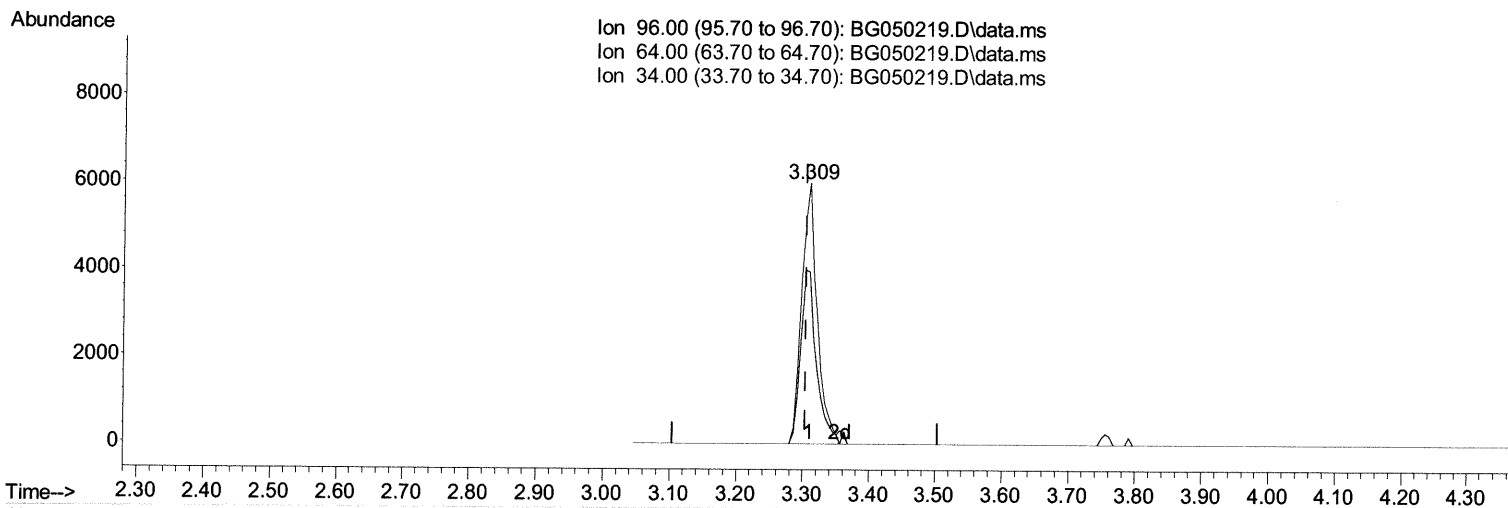
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(3) 1,4-Dioxane-d8 (S)

3.309min (+ 0.005) 10.65 ng/uL m 09/09/21 JU

response 9879

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	65.86
34.00	0.00	0.00
0.00	0.00	0.00

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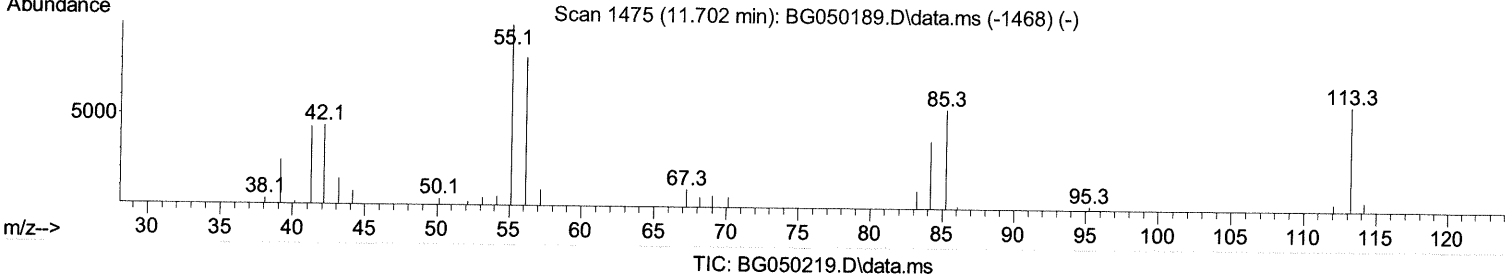
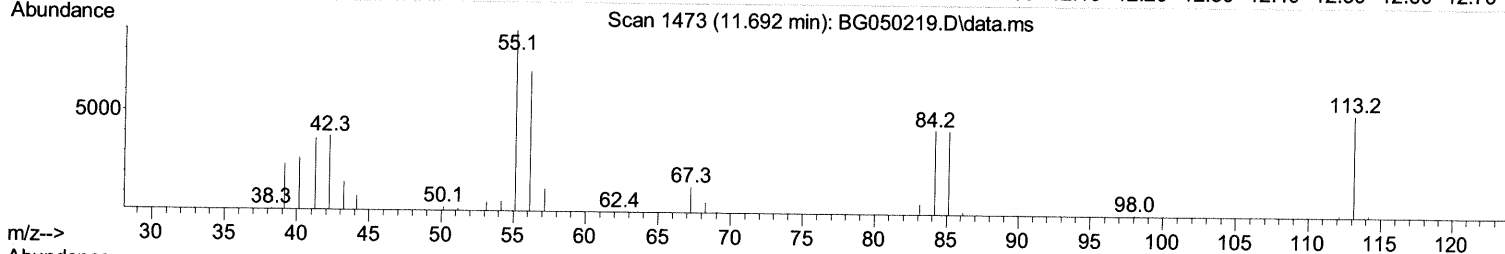
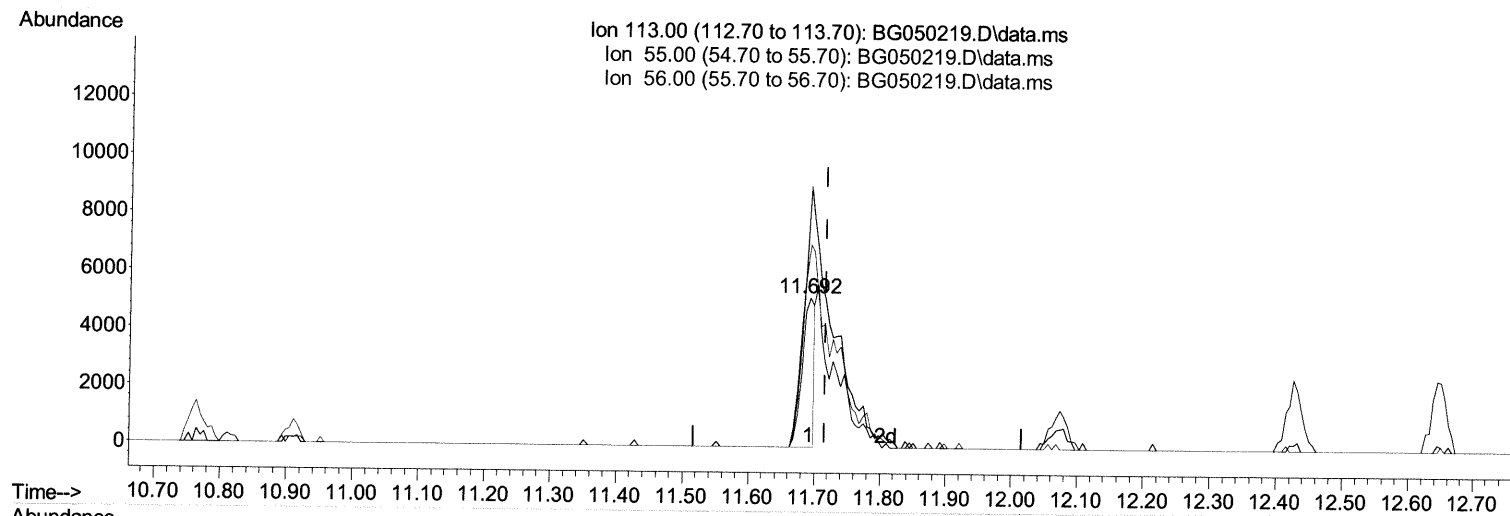
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(34) Caprolactam

11.692min (-0.024) 7.85 ng/ul

response 6577

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	174.84#
56.00	134.20	135.99
0.00	0.00	0.00

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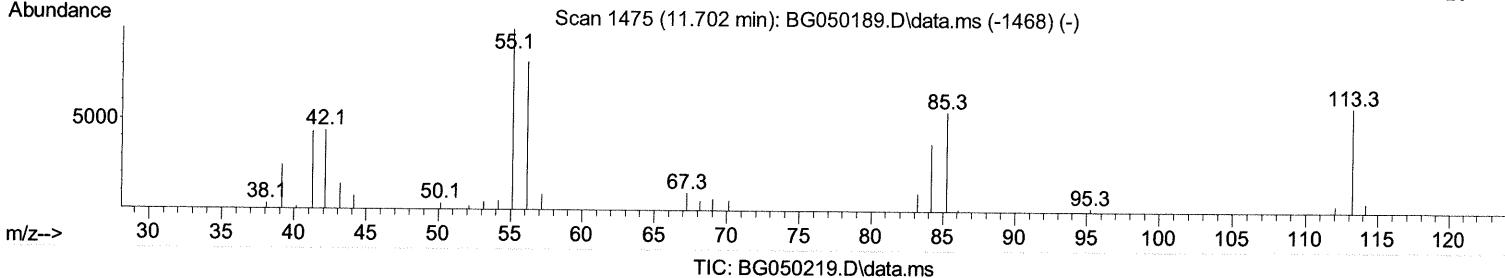
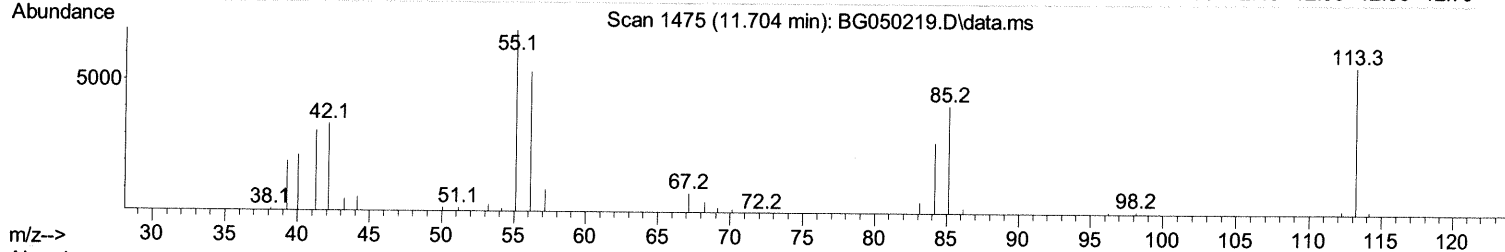
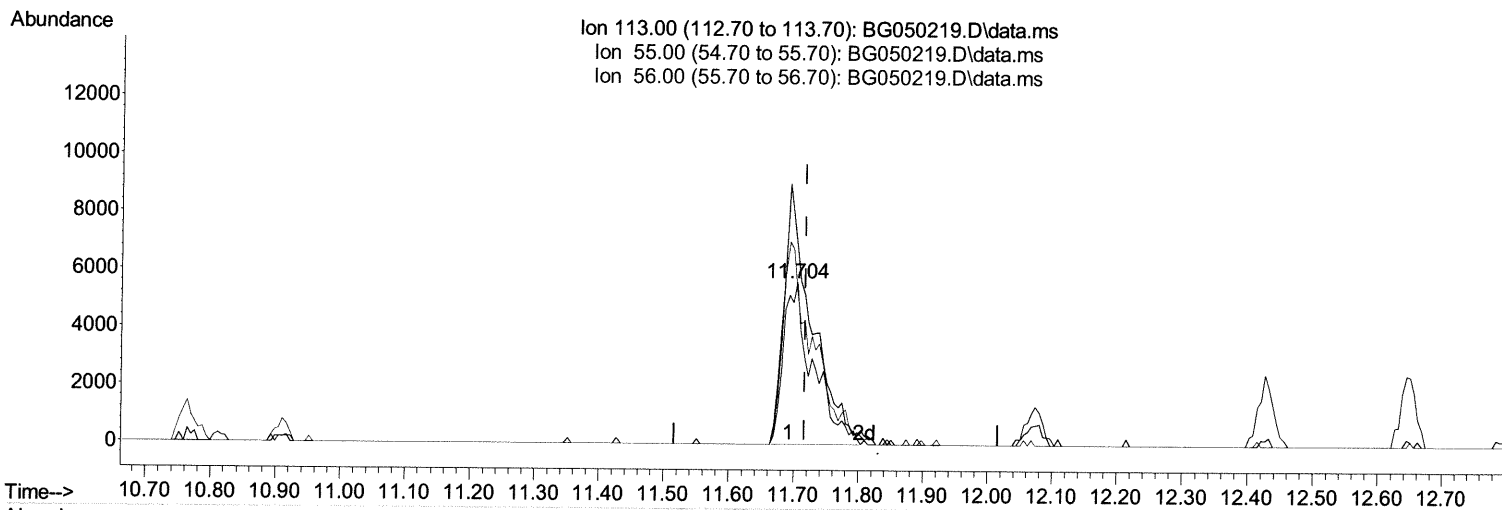
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(34) Caprolactam

11.704min (-0.013) 21.21 ng/ul m 09/09/21 ju

response 17775

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	122.24
56.00	134.20	95.26#
0.00	0.00	0.00

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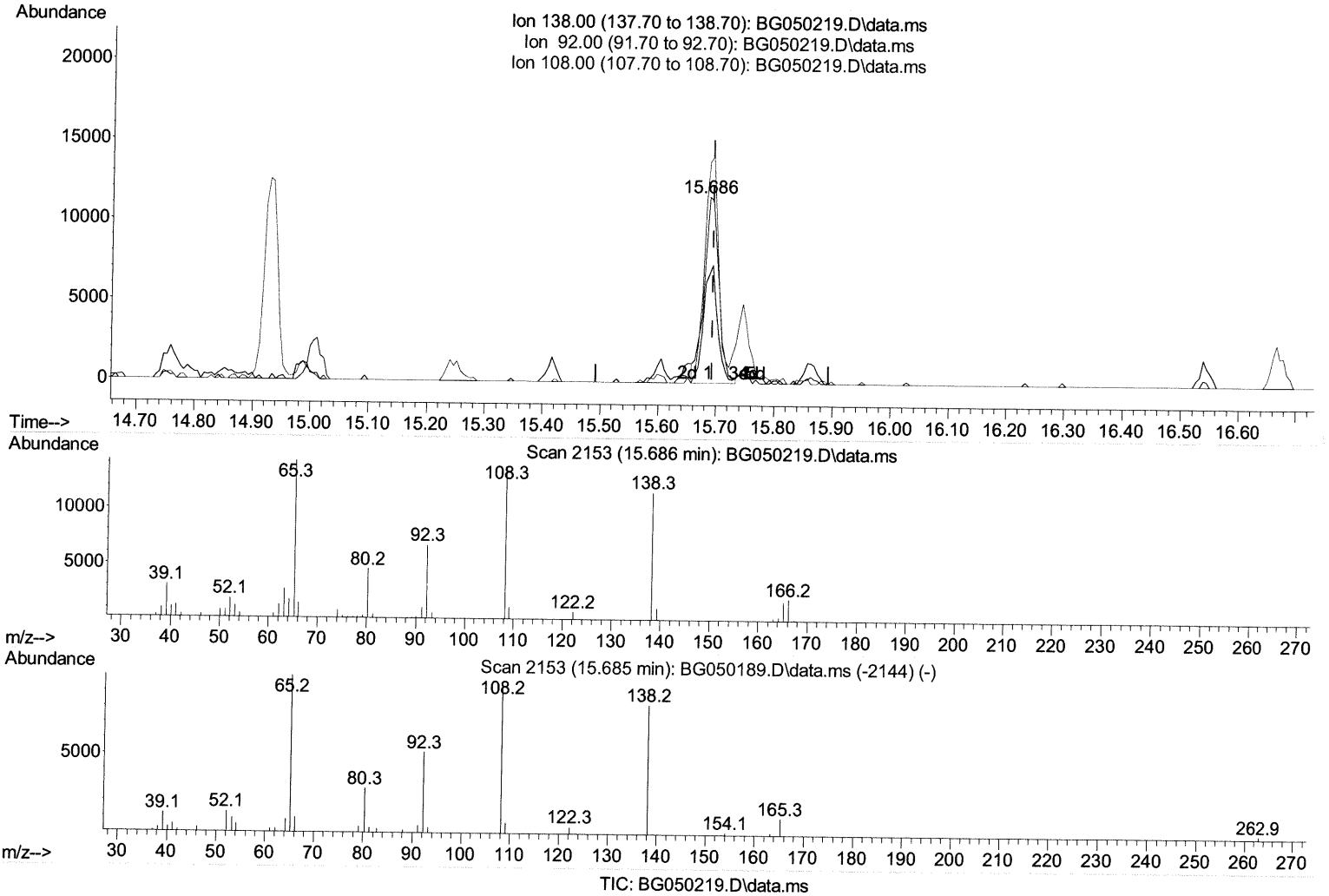
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(63) 4-Nitroaniline

15.686min (-0.007) 12.24 ng/ul

response 20686

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	58.12
108.00	127.30	118.98
0.00	0.00	0.00

Quantitation Report (Qedit)

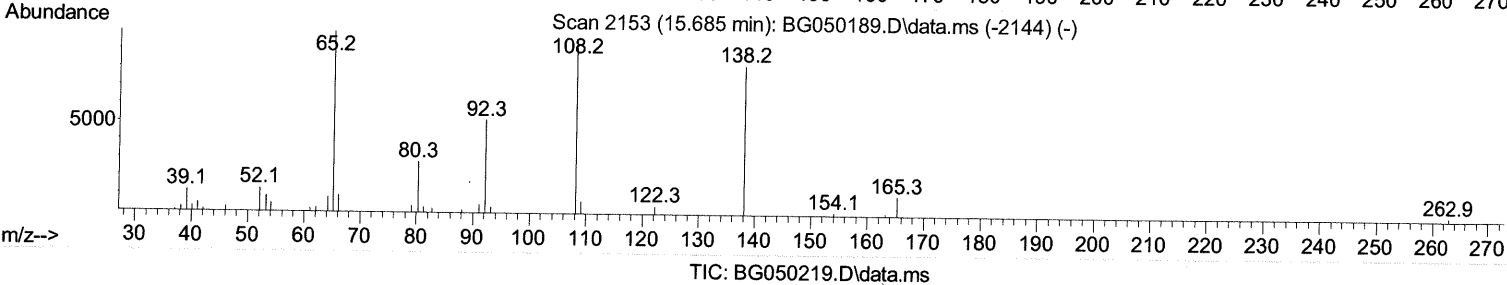
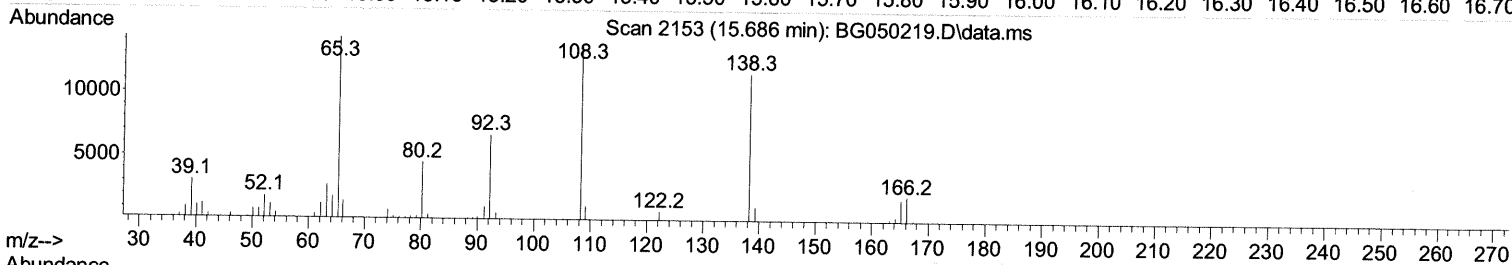
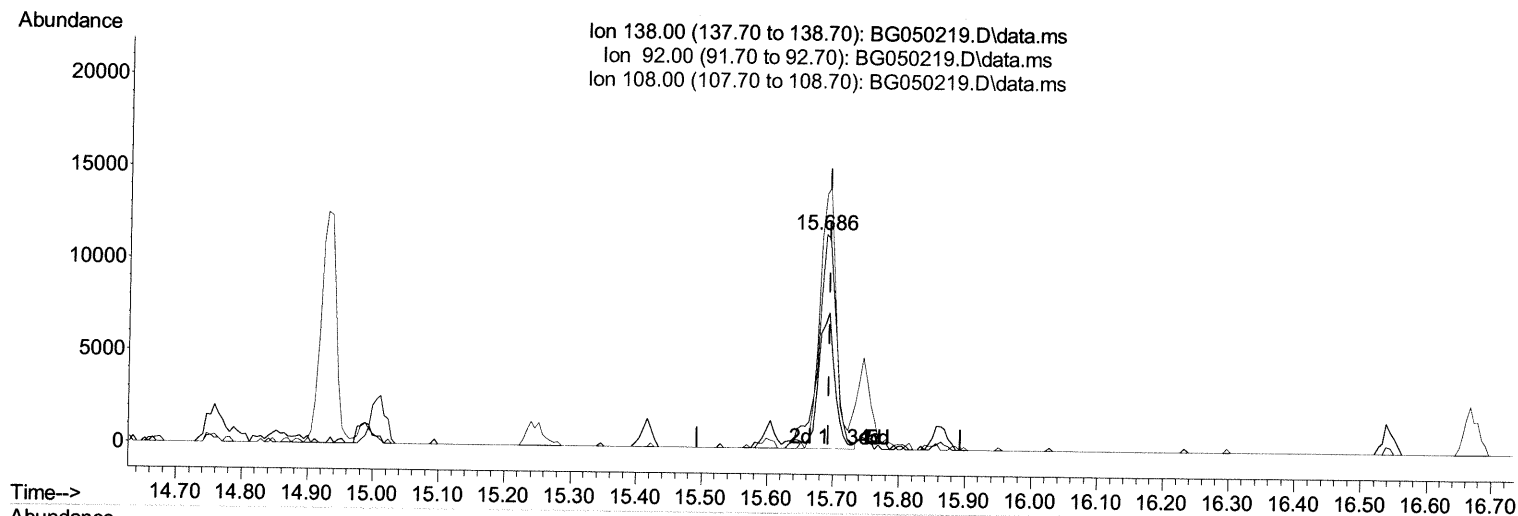
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(63) 4-Nitroaniline

15.686min (-0.007) 13.07 ng/ul m 09/09/21 JU

response 22097

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	58.12
108.00	127.30	118.98
0.00	0.00	0.00

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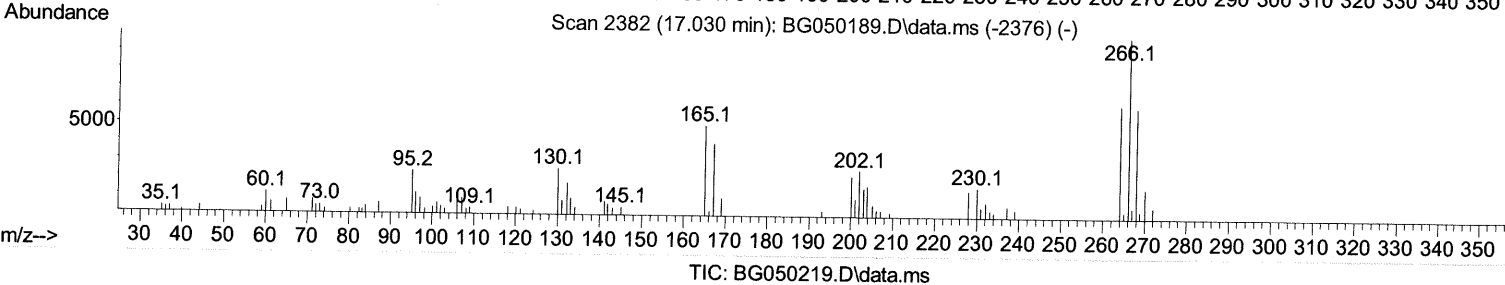
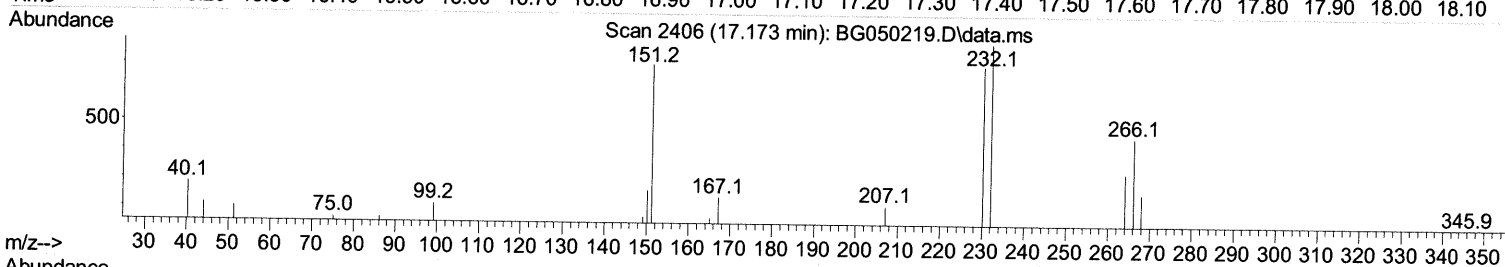
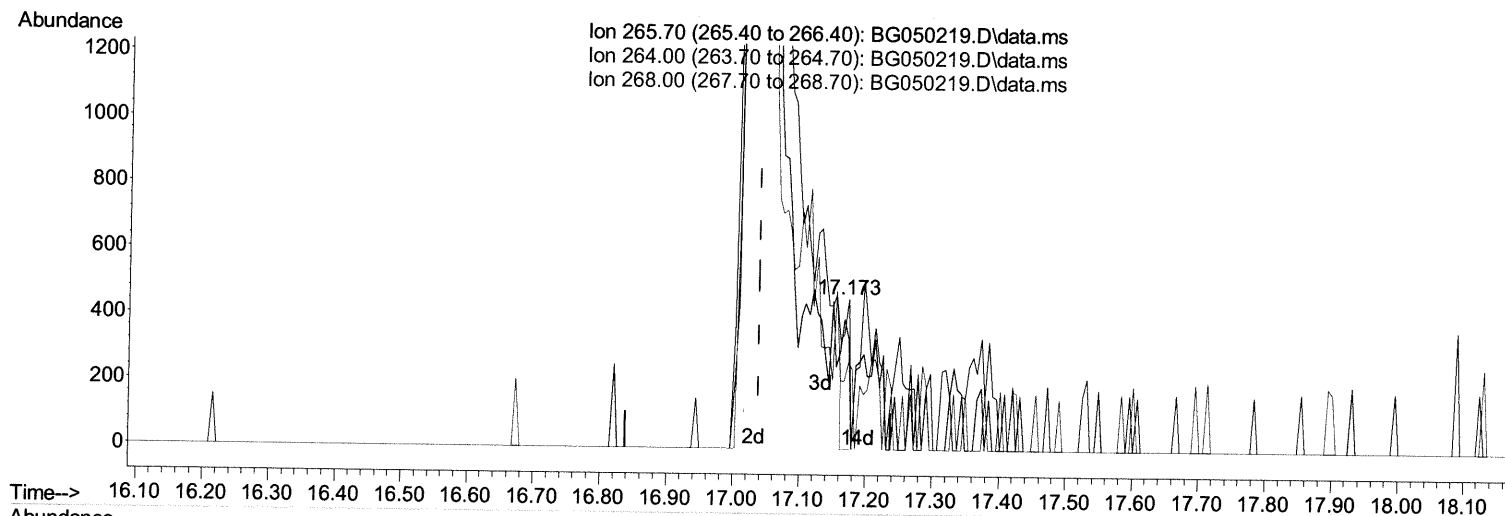
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(71) Pentachlorophenol (C)

17.173min (+ 0.134) 0.28 ng/ul

response 284

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	73.14
268.00	65.70	57.42
0.00	0.00	0.00

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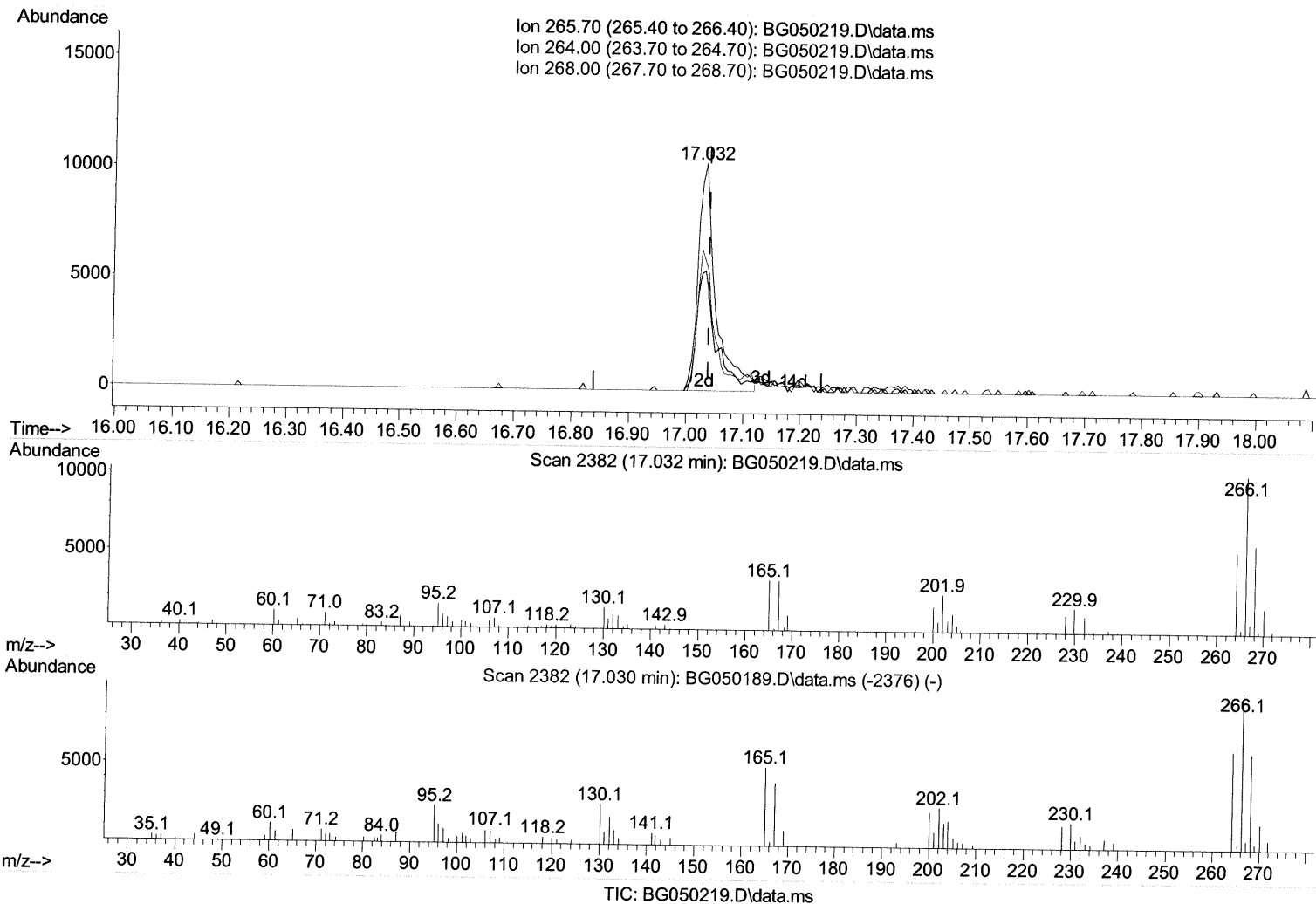
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(71) Pentachlorophenol (C)

17.032min (-0.007) 22.00 ng/ul m 09/09/21 JU

response 22409

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	52.74#
268.00	65.70	56.97
0.00	0.00	0.00

Quantitation Report (Qedit)

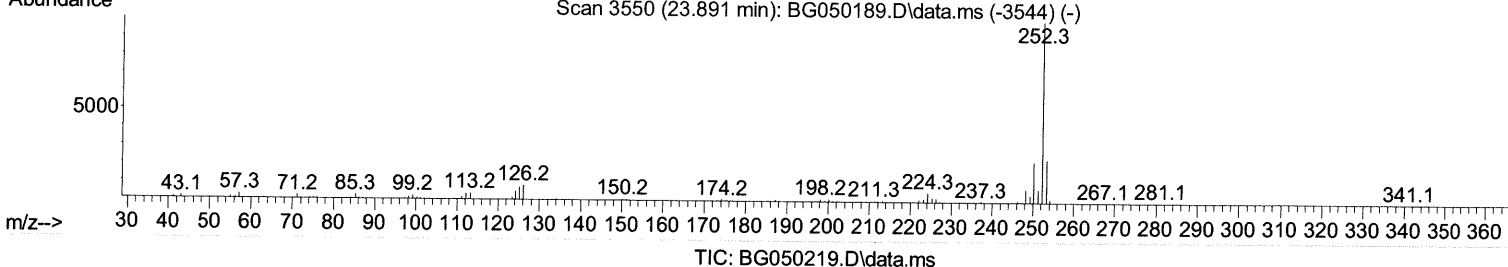
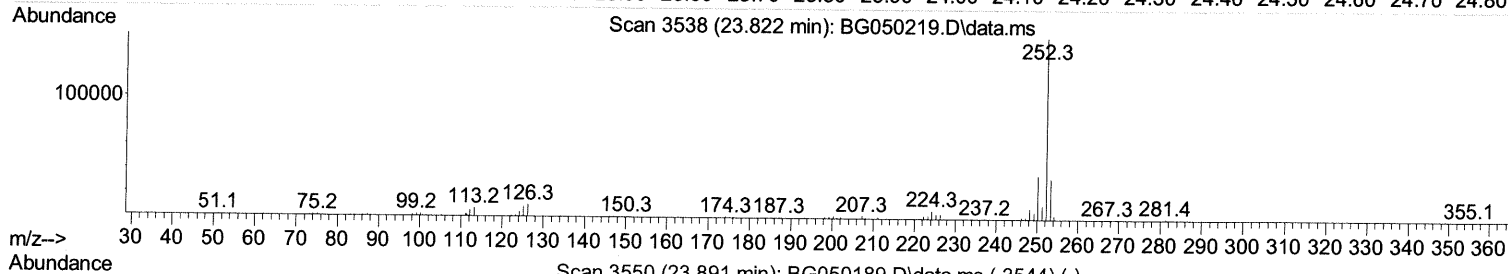
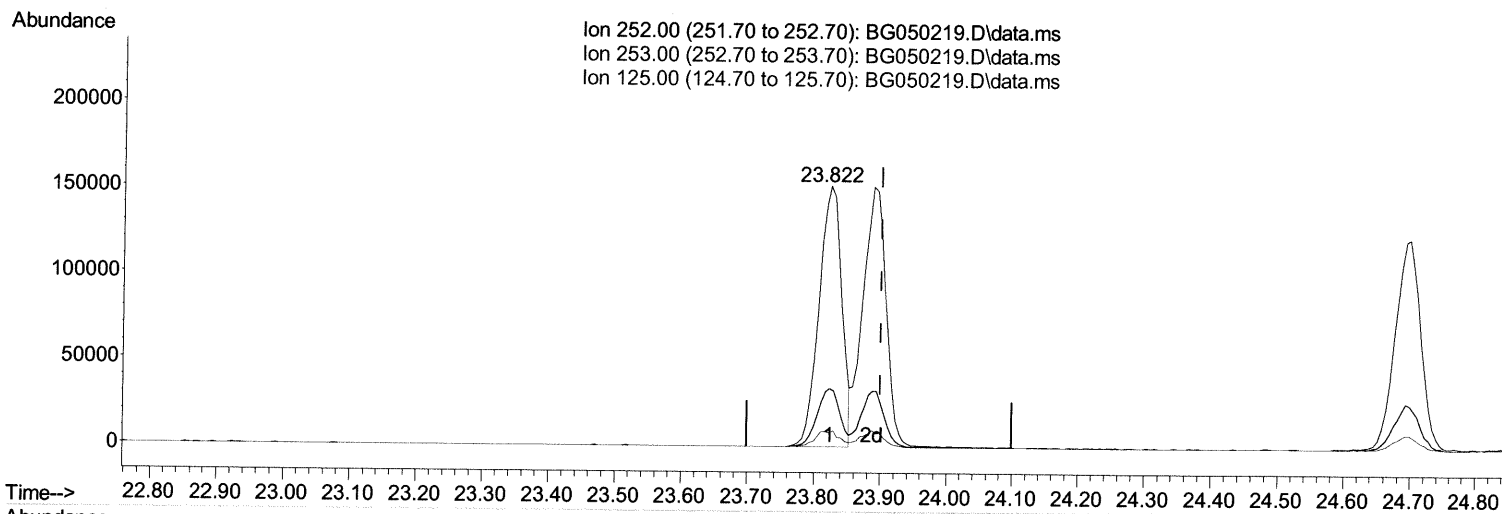
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(91) Benzo(k)fluoranthene

23.822min (-0.077) 20.20 ng/u1

response 359272

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.33
125.00	5.10	5.42
0.00	0.00	0.00

Quantitation Report (Qedit)

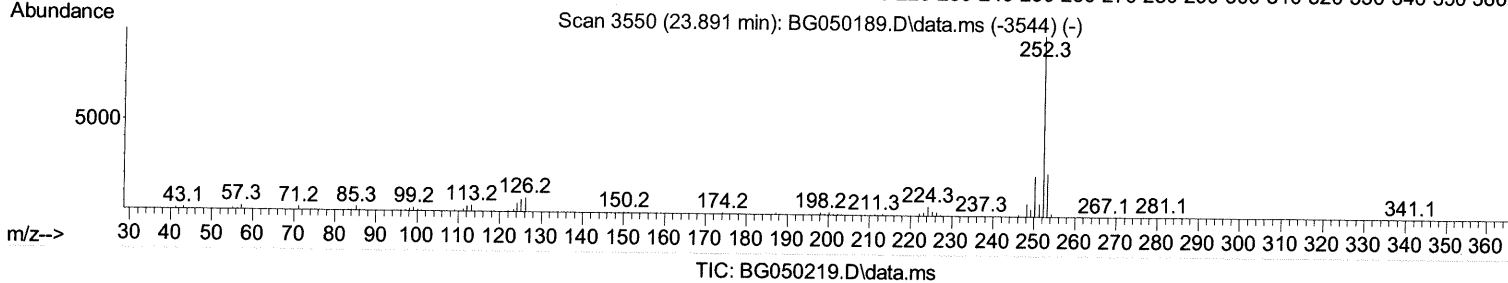
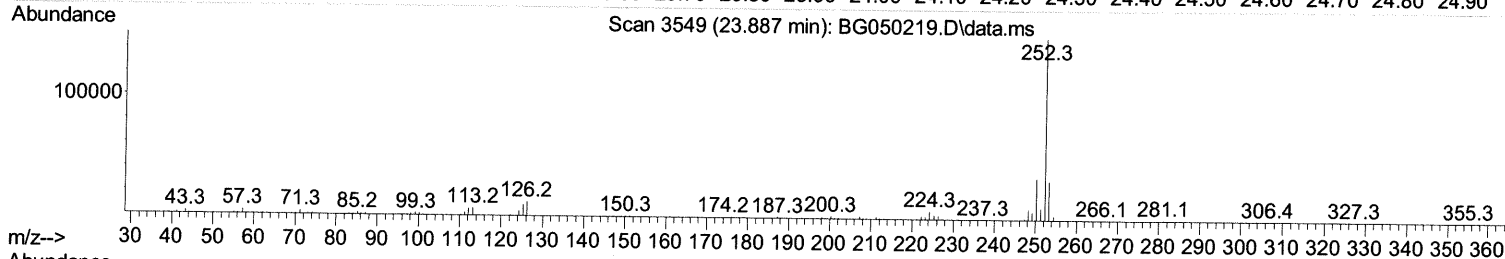
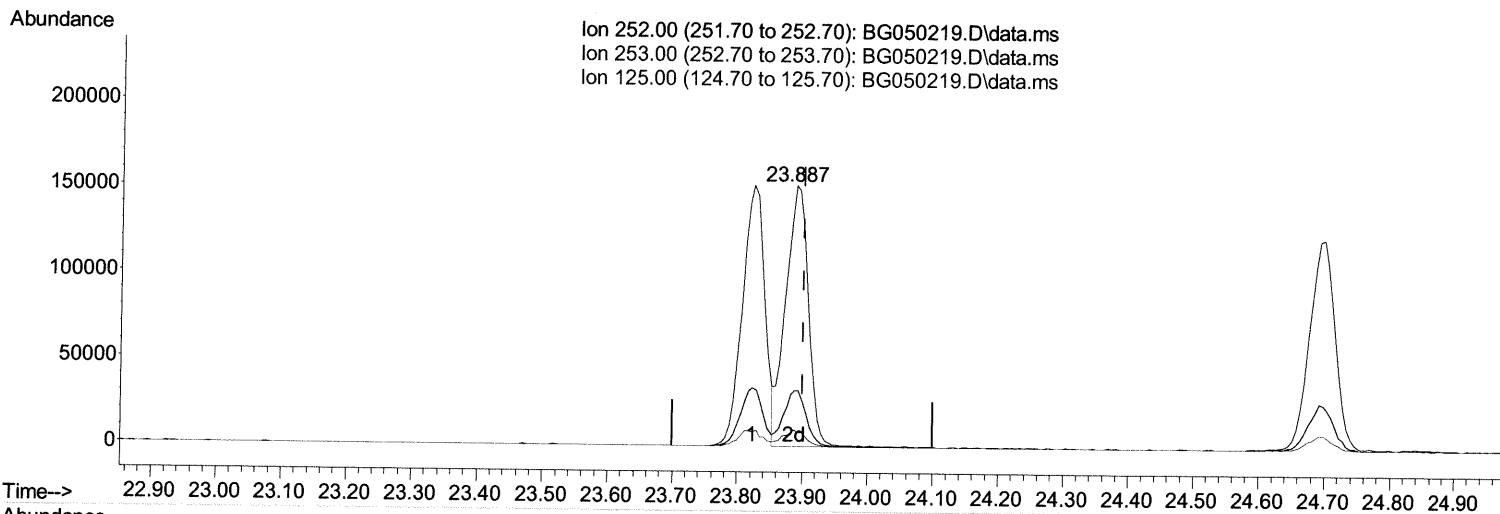
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TIC: BG050219.D\data.ms

(91) Benzo(k) fluoranthene

23.887min (-0.013) 20.68 ng/ul m 09/16/21 JU

response 367713

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.34
125.00	5.10	6.23#
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	7.944	152	45846	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.764	136	189042	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.606	164	129928	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.361	188	276769	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.637	240	287899	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264	297709	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	9879m	10.653	ng/ul	> 0.00
4) Pyridine-d5	3.738	84	77357	23.500	ng/ul	0.00
7) Phenol-d5	7.122	99	101873	28.619	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	52712	25.356	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.474	132	61193	20.714	ng/ul	-0.01
15) 4-Methylphenol-d8	8.672	113	62434	22.308	ng/ul	0.00
21) Nitrobenzene-d5	9.125	128	31349	24.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	34019	21.561	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	63121	20.961	ng/ul	0.00
31) 4-Chloroaniline-d4	10.911	131	80226	21.624	ng/ul	0.00
46) Dimethylphthalate-d6	14.006	166	189902	19.357	ng/ul	-0.01
49) Acenaphthylene-d8	14.300	160	225515	19.305	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.841	143	21092	17.818	ng/ul	-0.01
60) Fluorene-d10	15.604	176	167469	20.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	27861	16.688	ng/ul	0.00
73) Anthracene-d10	17.461	188	233958	18.830	ng/ul	0.00
81) Pyrene-d10	19.752	212	282174	19.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.627	264	310800	19.721	ng/ul	-0.01
Target Compounds						
2) 1,4-Dioxane	3.338	88	11688	11.068	ng/ul	98
5) Pyridine	3.756	79	79174	22.883	ng/ul#	92
6) Benzaldehyde	7.080	77	52866	26.791	ng/ul	97
8) Phenol	7.145	94	99383	28.352	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.362	93	62461	24.033	ng/ul	92
12) 2-Chlorophenol	7.509	128	61326	21.303	ng/ul#	85
13) 2-Methylphenol	8.402	108	58361	20.686	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.473	45	55825	21.284	ng/ul	97
16) Acetophenone	8.778	105	95087	23.092	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.755	70	47624	21.688	ng/ul	96
18) 4-Methylphenol	8.737	108	62852	23.455	ng/ul	88
19) Hexachloroethane	9.025	117	27575	22.964	ng/ul	96
22) Nitrobenzene	9.166	77	80902	23.941	ng/ul	94
23) Isophorone	9.683	82	143455	22.231	ng/ul	97
25) 2-Nitrophenol	9.877	139	34596	22.226	ng/ul#	89
26) 2,4-Dimethylphenol	9.941	107	76729	20.715	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.165	93	77463	19.790	ng/ul	91
29) 2,4-Dichlorophenol	10.423	162	60025	21.793	ng/ul	99
30) Naphthalene	10.817	128	184613	21.263	ng/ul	97
32) 4-Chloroaniline	10.934	127	77379	22.141	ng/ul	92
33) Hexachlorobutadiene	11.093	225	46402	21.254	ng/ul	96
34) Caprolactam	11.704	113	17775m	21.212	ng/ul	> 0.00
35) 4-Chloro-3-methylphenol	12.074	107	62848	20.245	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.426	142	136325	21.233	ng/ul	100
37) 1-Methylnaphthalene	12.649	142	135225	21.934	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.802	216	76692	17.452	ng/ul#	95
40) Hexachlorocyclopentadiene	12.773	237	21312	17.886	ng/ul	98
41) 2,4,6-Trichlorophenol	13.049	196	44467	17.922	ng/ul	90
42) 2,4,5-Trichlorophenol	13.131	196	44977	17.334	ng/ul	90
43) 1,1'-Biphenyl	13.437	154	170094	18.134	ng/ul	99
44) 2-Chloronaphthalene	13.484	162	134895	18.287	ng/ul	99
45) 2-Nitroaniline	13.689	65	48460	20.751	ng/ul	96
47) Dimethylphthalate	14.053	163	178296	19.041	ng/ul	99
48) 2,6-Dinitrotoluene	14.188	165	38118	19.119	ng/ul#	89
50) Acenaphthylene	14.329	152	207431	19.000	ng/ul	98
51) 3-Nitroaniline	14.523	138	31102	17.135	ng/ul	97
52) Acenaphthene	14.670	153	151219	19.439	ng/ul	97
53) 2,4-Dinitrophenol	14.764	184	15592m >	19.095	ng/ul >	09/06/21 JU
55) 4-Nitrophenol	14.858	109	22573	17.135	ng/ul	85
56) Dibenzofuran	15.011	168	210307	19.650	ng/ul	98
57) 2,4-Dinitrotoluene	14.987	165	57908	20.325	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.246	232	40085	20.397	ng/ul#	93
59) Diethylphthalate	15.416	149	176498	18.649	ng/ul	97
61) Fluorene	15.657	166	167516	18.669	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.645	204	88990	18.626	ng/ul	94
63) 4-Nitroaniline	15.686	138	22097m >	13.071	ng/ul >	09/06/21 JU
66) 4,6-Dinitro-2-methylph...	15.763	198	24216	16.332	ng/ul	98
67) N-Nitrosodiphenylamine	15.863	169	140282	18.745	ng/ul	98
68) 4-Bromophenyl-phenylether	16.544	248	62410	19.029	ng/ul	92
69) Hexachlorobenzene	16.673	284	70575	18.979	ng/ul	94
70) Atrazine	16.814	200	60577	19.305	ng/ul	96
71) Pentachlorophenol	17.032	266	22409m >	22.000	ng/ul >	09/06/21 JU
72) Phenanthrene	17.408	178	275795	19.538	ng/ul	99
74) Anthracene	17.496	178	271422	18.963	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.407	216	76254	17.778	ng/ul	88
76) Pentachlorobenzene	14.935	250	84855	19.160	ng/ul	99
77) Carbazole	17.772	167	240521	19.060	ng/ul	99
78) Di-n-butylphthalate	18.312	149	302945	19.852	ng/ul	99
80) Fluoranthene	19.423	202	350580	19.670	ng/ul	98
82) Pyrene	19.781	202	344788	19.723	ng/ul	98
83) Butylbenzylphthalate	20.656	149	148256	22.175	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.526	252	132551	21.345	ng/ul#	97
85) Benzo(a)anthracene	21.614	228	348959	19.799	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.502	149	230722	23.107	ng/ul	99
87) Chrysene	21.678	228	324179	19.731	ng/ul	96
89) Di-n-octyl phthalate	22.700	149	352474	20.457	ng/ul	100
90) Benzo(b)fluoranthene	23.822	252	359272	19.283	ng/ul#	99
91) Benzo(k)fluoranthene	23.887	252	367713m >	20.676	ng/ul >	09/06/21 JU
93) Benzo(a)pyrene	24.698	252	327597	20.113	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.528	276	401779	18.825	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.575	278	329047	18.585	ng/ul#	97
96) Benzo(g,h,i)perylene	29.673	276	309424	18.095	ng/ul	96

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