

Data File : BG042046.D
Acq On : 8 Aug 2019 00:38
Operator : HP/JU
Sample : K4029-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX4

Quant Time: Aug 08 01:42:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	84391	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	347443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	241785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	521337	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	504927	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	592646	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5992	3.11	ng/uL	0.00
5) Phenol-d5	7.18	99	129550	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	73486	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	123443	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	104653	18.82	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	63190	24.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	77848	25.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	139960	22.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	136847	20.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	449866	23.99	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	506863	23.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	45793	14.54	ng/ul	0.00
57) Fluorene-d10	15.68	176	395031	23.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	57213	17.10	ng/ul	0.00
70) Anthracene-d10	17.54	188	603133	24.11	ng/ul	0.00
78) Pyrene-d10	19.83	212	652508	23.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	711931	23.00	ng/ul	0.00

Target Compounds

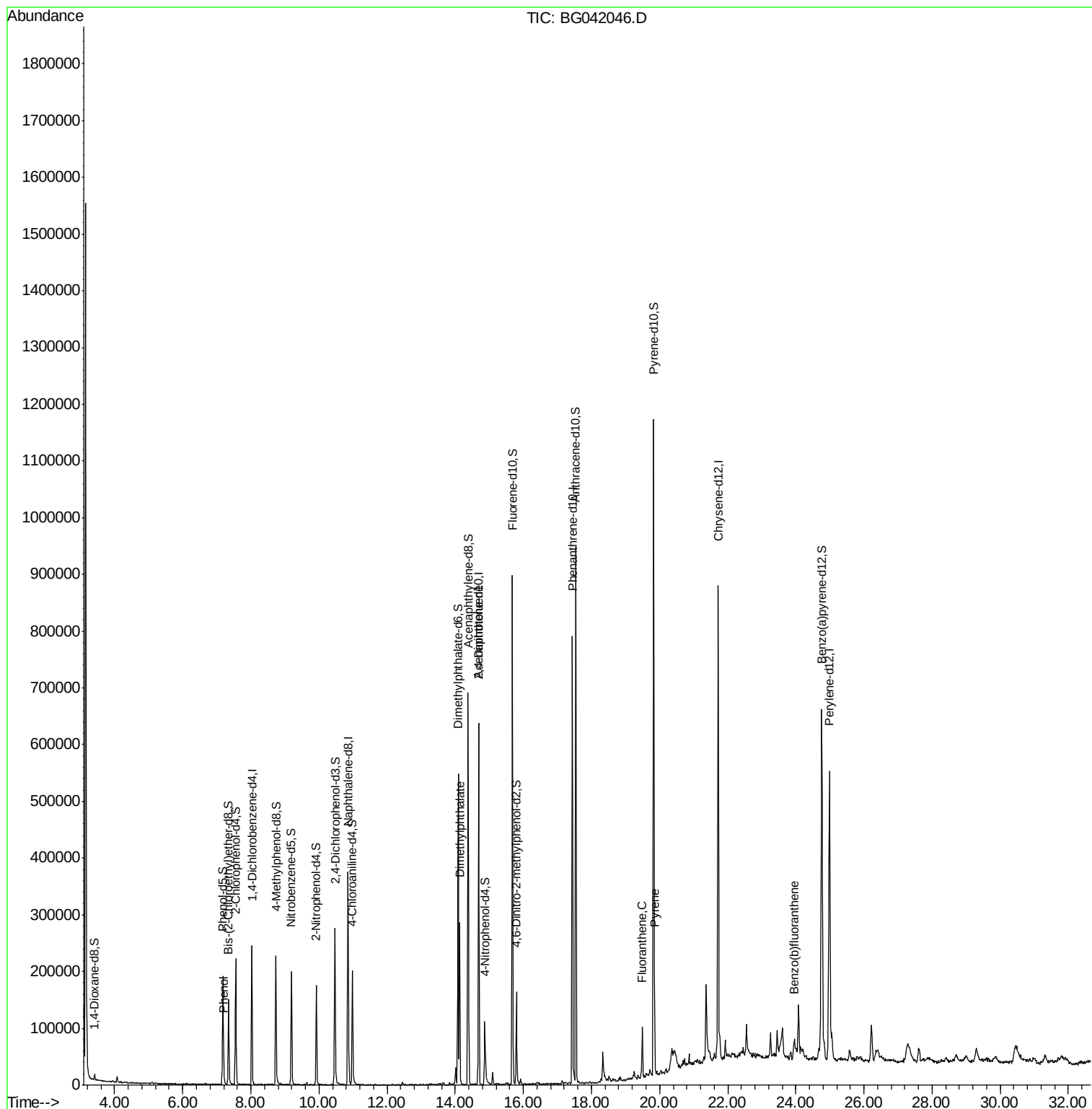
						Qvalue
6) Phenol	7.21	94	12230	1.789	ng/ul	97
44) Dimethylphthalate	14.13	163	210835	11.324	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	32447	5.510	ng/ul#	44
76) Fluoranthene	19.49	202	56141	1.702	ng/ul	97
79) Pyrene	19.85	202	50248	1.479	ng/ul	99
87) Benzo(b)fluoranthene	23.95	252	44727	1.203	ng/ul	97

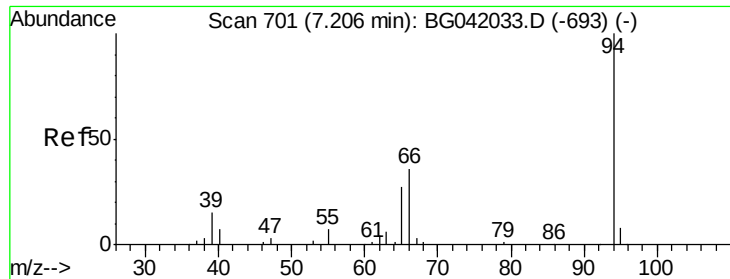
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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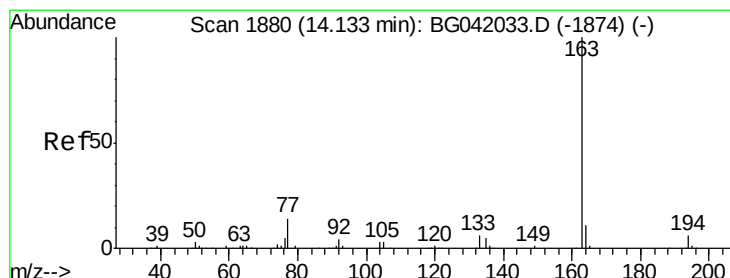
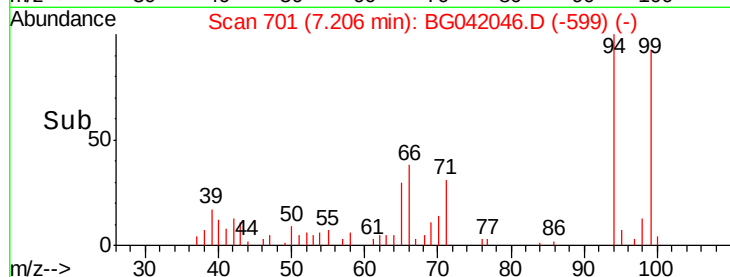
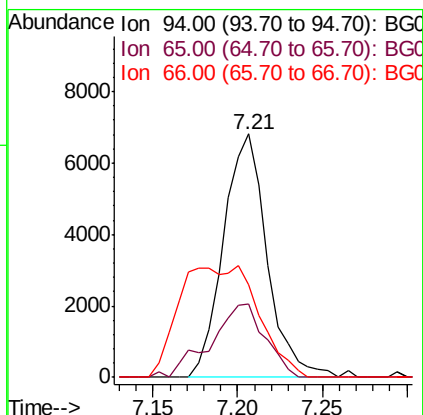
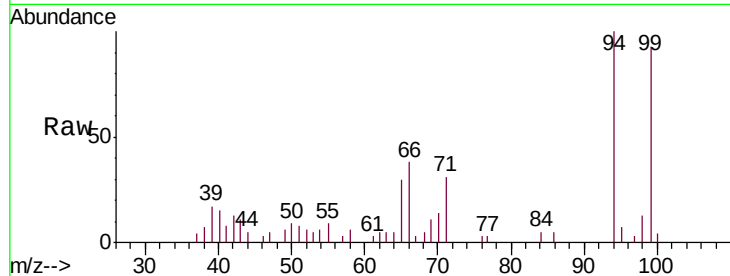
#6

Phenol

Concen: 1.789 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BG042046.D
 Acq: 8 Aug 2019 00:38

Instrument :
 BNA_G
 ClientSampleId :
 BENX4

Tgt Ion: 94 Resp: 12230
 Ion Ratio Lower Upper
 94 100
 65 30.1 25.8 38.6
 66 38.2 31.8 47.8

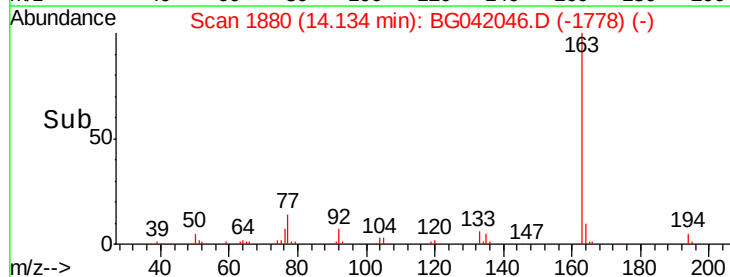
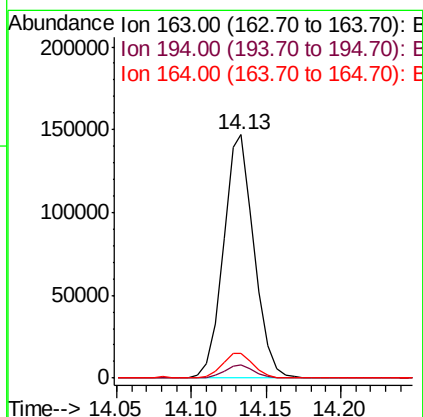
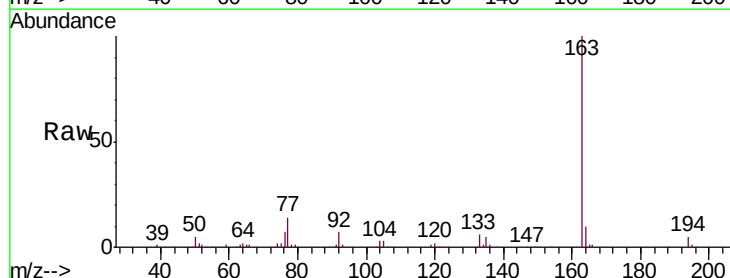


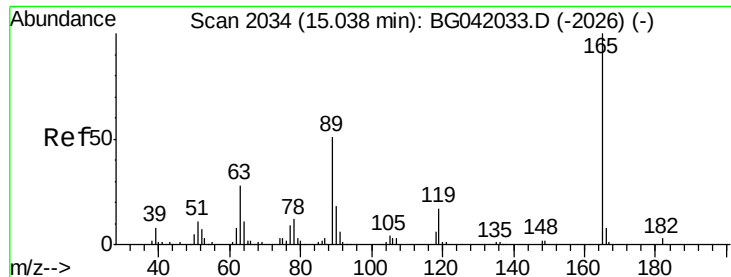
#44

Dimethylphthalate

Concen: 11.324 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG042046.D
 Acq: 8 Aug 2019 00:38

Tgt Ion: 163 Resp: 210835
 Ion Ratio Lower Upper
 163 100
 194 5.5 4.2 6.2
 164 10.1 7.8 11.8





#54

2,4-Dinitrotoluene

Concen: 5.510 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.35 min

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Acq: 8 Aug 2019 00:38

Instrument :

BNA_G

ClientSampleId :

BENX4

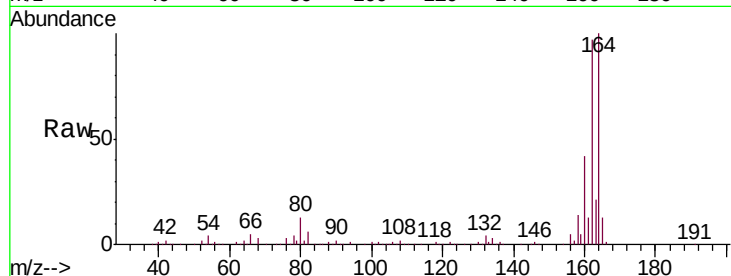
Tgt Ion:165 Resp: 32447

Ion Ratio Lower Upper

165 100

63 0.9 29.4 44.2#

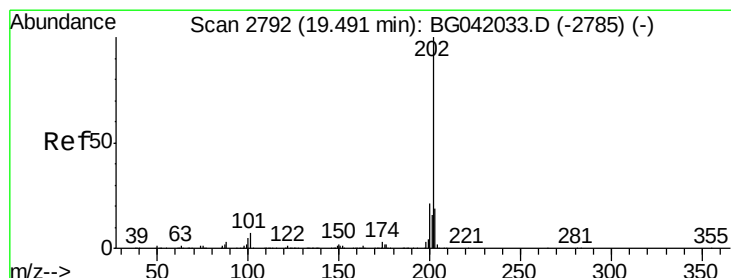
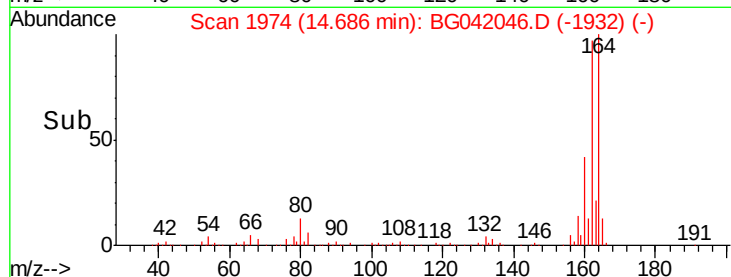
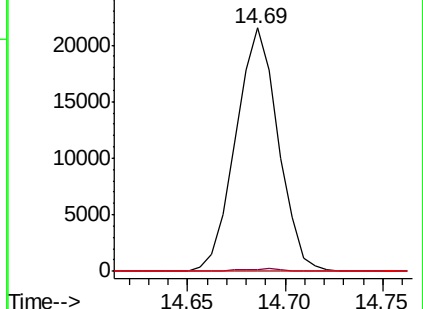
182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#76

Fluoranthene

Concen: 1.702 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

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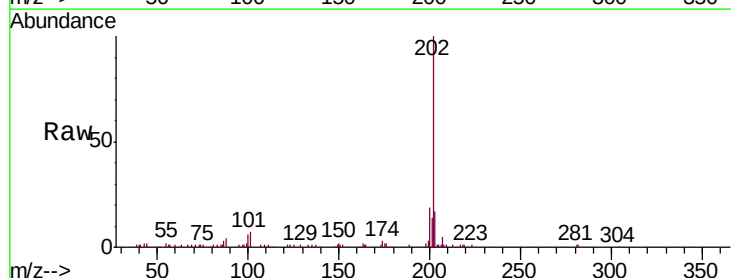
Tgt Ion:202 Resp: 56141

Ion Ratio Lower Upper

202 100

101 7.1 6.7 10.1

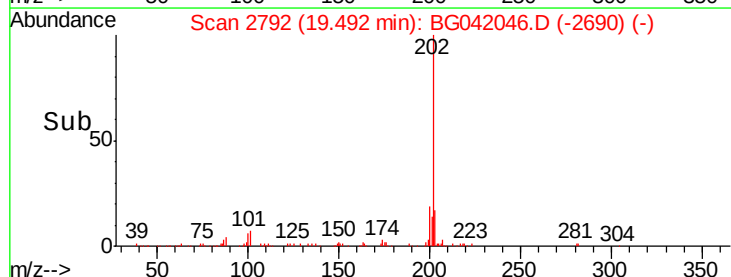
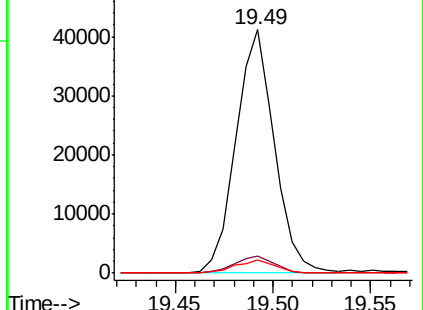
100 5.5 5.3 7.9

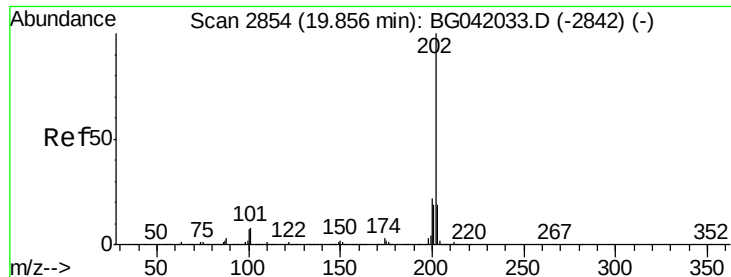


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BG





#79

Pyrene

Concen: 1.479 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

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ClientSampleId :

BENX4

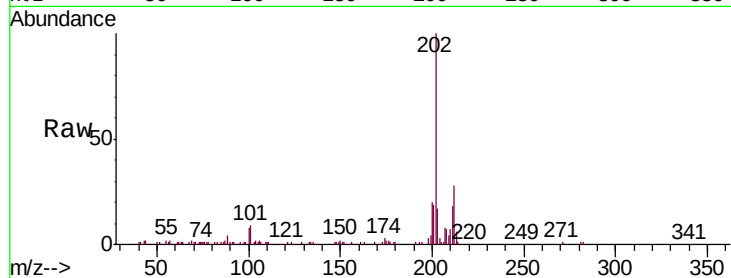
Tgt Ion:202 Resp: 50248

Ion Ratio Lower Upper

202 100

101 9.1 7.6 11.4

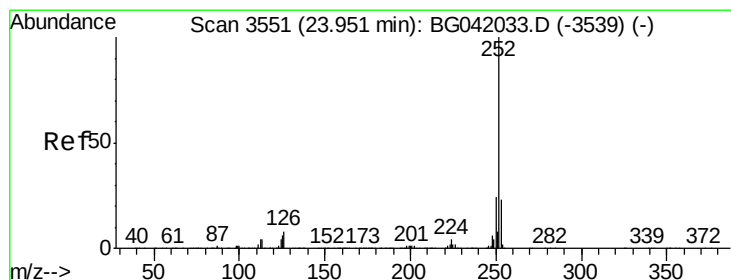
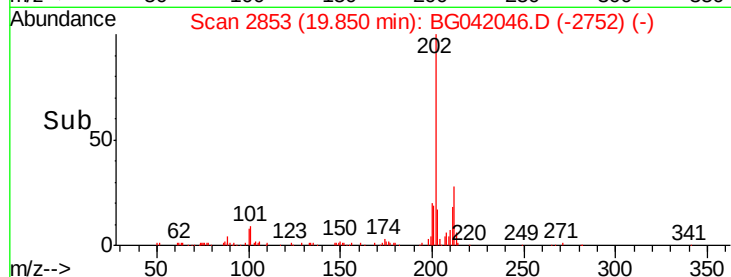
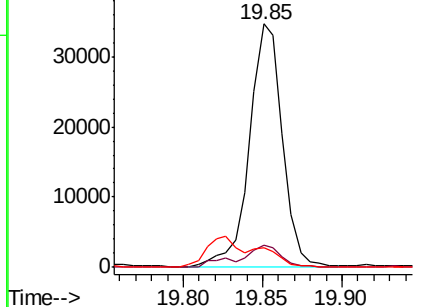
100 8.1 6.5 9.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#87

Benzo(b)fluoranthene

Concen: 1.203 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG042046.D

Acq: 8 Aug 2019 00:38

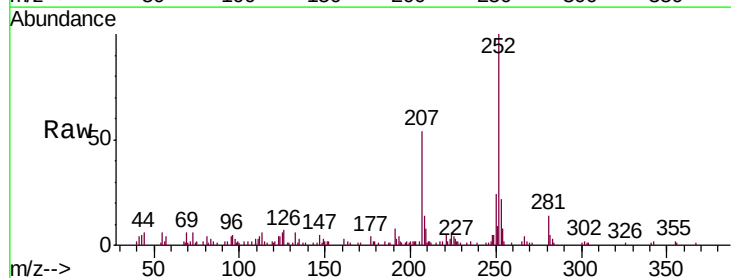
Tgt Ion:252 Resp: 44727

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

125 5.9 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

