

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042243.D
 Acq On : 16 Aug 2019 00:03
 Operator : HP/JU
 Sample : K4161-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOF1

Quant Time: Aug 16 10:07:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	70377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	287045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	193727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	387623	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	383216	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	450571	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	1886	1.17	ng/uL	0.00
5) Phenol-d5	7.19	99	46713	8.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	70906	22.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	117576	24.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	81104	17.49	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	66129	30.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	82201	32.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	149048	29.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	83998	14.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	497616	33.12	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	549721	32.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	18171	7.20	ng/ul	0.01
57) Fluorene-d10	15.68	176	425159	31.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	45660	18.36	ng/ul	0.00
70) Anthracene-d10	17.54	188	676474	36.38	ng/ul	0.00
78) Pyrene-d10	19.83	212	756020	35.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	883229	37.52	ng/ul	0.00

Target Compounds

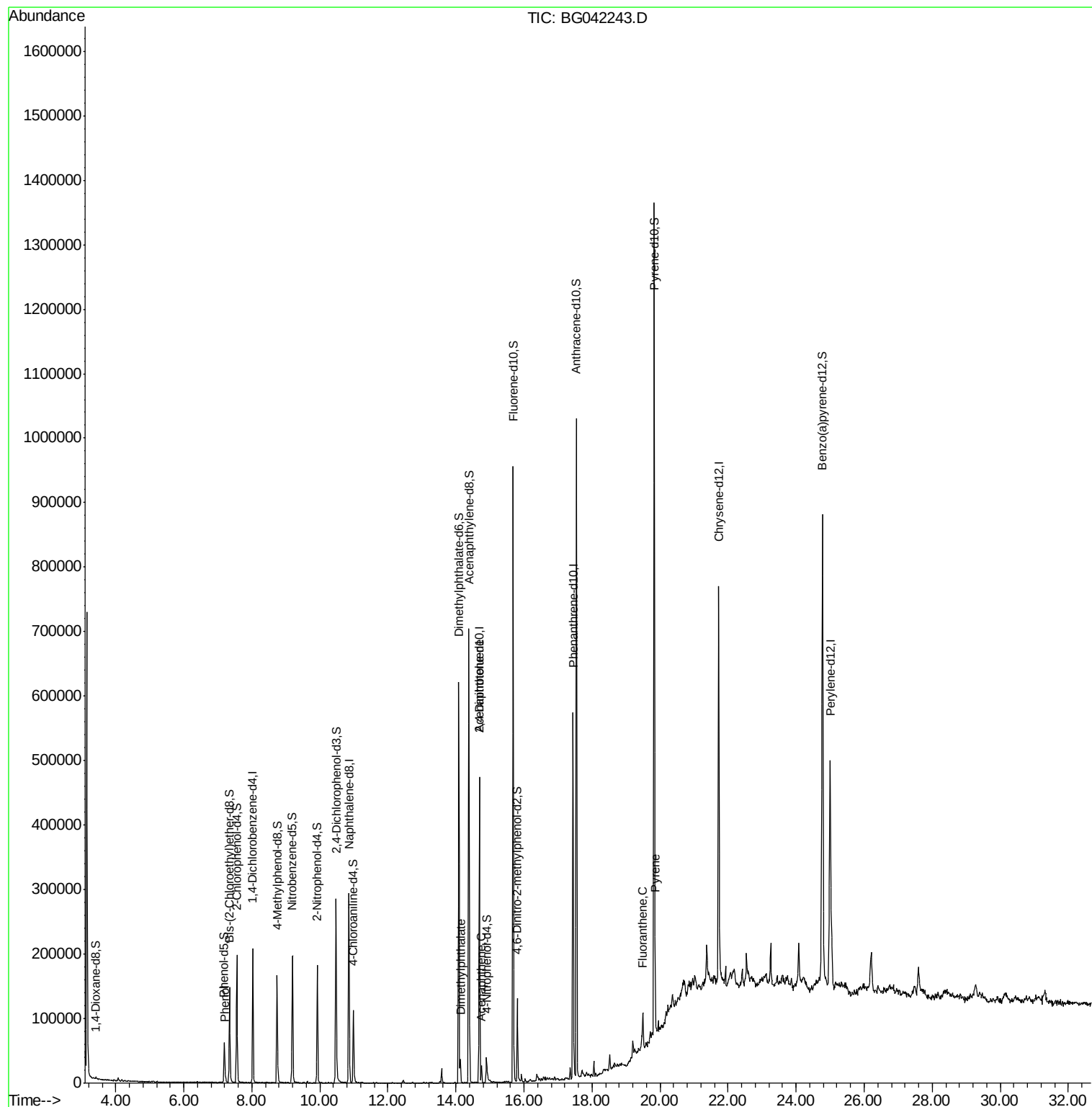
				Ovalue	
6) Phenol	7.22	94	6658	1.168 ng/ul	95
44) Dimethylphthalate	14.13	163	25658	1.720 ng/ul#	95
49) Acenaphthene	14.75	153	12325	1.018 ng/ul	94
54) 2,4-Dinitrotoluene	14.68	165	25344	5.372 ng/ul#	44
76) Fluoranthene	19.49	202	35596	1.452 ng/ul	97
79) Pyrene	19.85	202	26354	1.022 ng/ul#	96

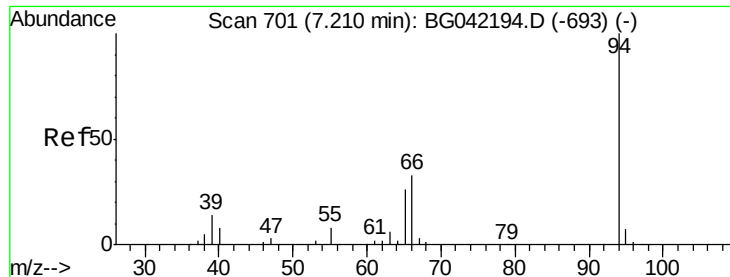
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.168 ng/ul

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG042243.D

Acq: 16 Aug 2019 00:03

Instrument :

BNA_G

ClientSampleId :

ETOF1

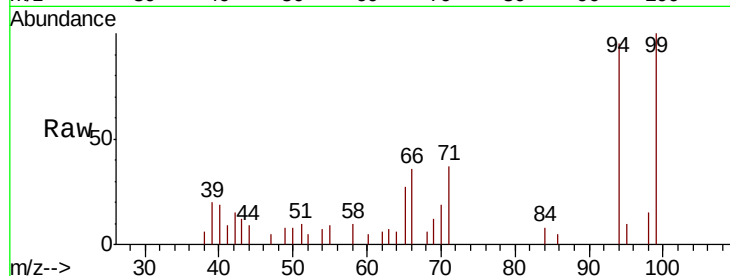
Tot Ion: 94 Resp: 6658

Ion Ratio Lower Upper

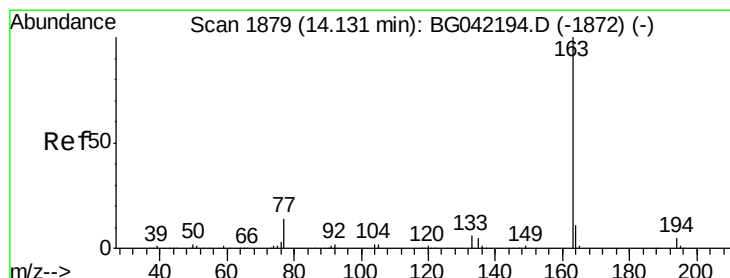
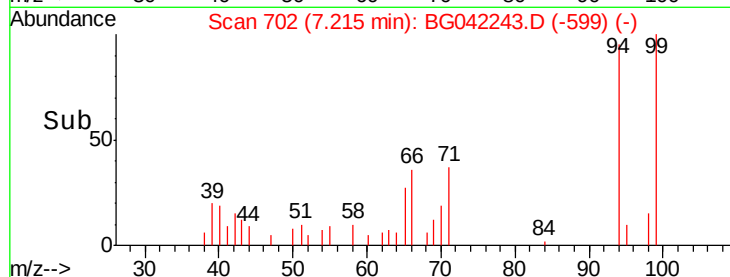
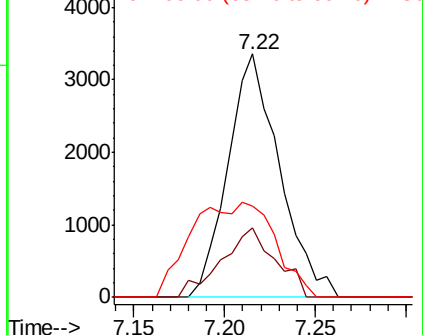
94 100

65 28.6 25.8 38.6

66 37.3 31.8 47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 1.720 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG042243.D

Acq: 16 Aug 2019 00:03

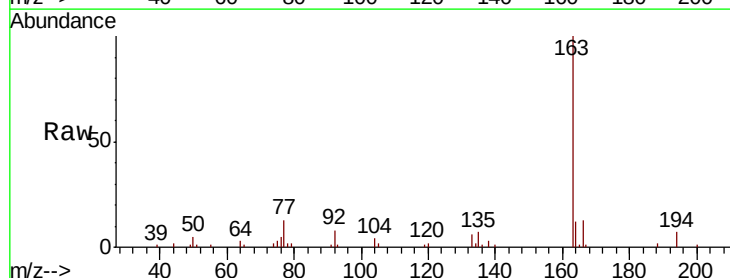
Tgt Ion:163 Resp: 25658

Ion Ratio Lower Upper

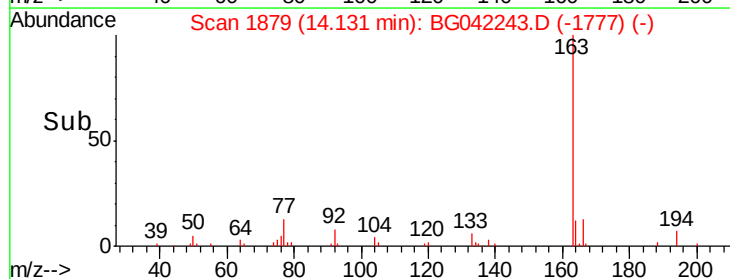
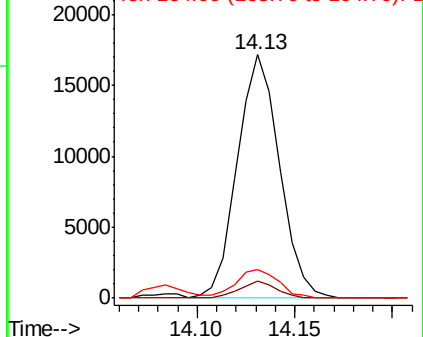
163 100

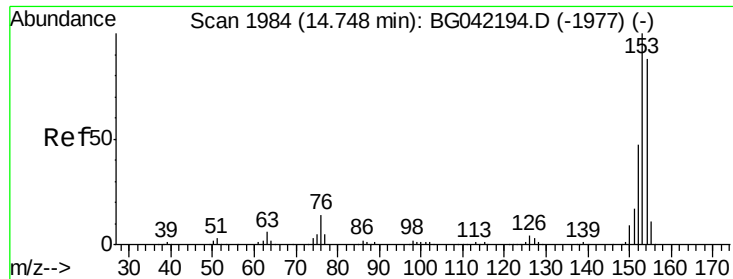
194 7.2 4.2 6.2#

164 11.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 1.018 ng/ul

RT: 14.75 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG042243.D

Acq: 16 Aug 2019 00:03

Instrument :

BNA_G

ClientSampled :

ETOF1

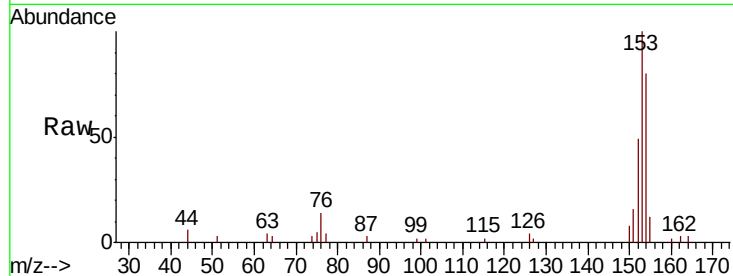
Tot Ion:153 Resp: 12325

Ion Ratio Lower Upper

153 100

152 49.4 37.8 56.8

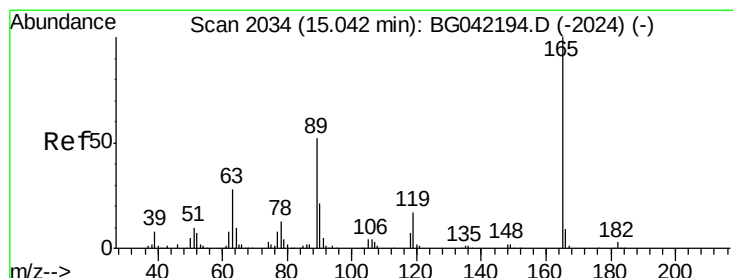
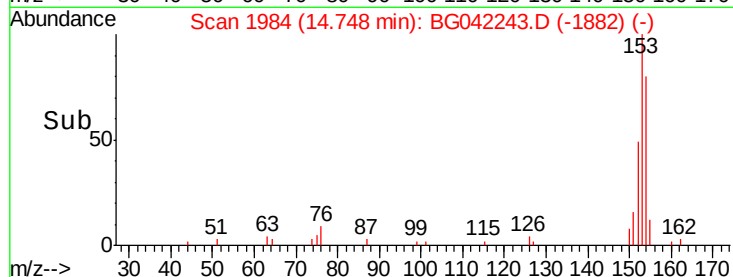
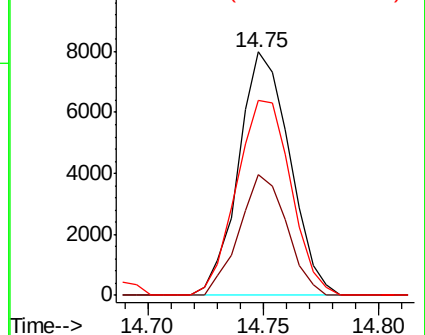
154 80.0 69.4 104.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

2,4-Dinitrotoluene

Concen: 5.372 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. -0.36 min

Lab File: BG042243.D

Acq: 16 Aug 2019 00:03

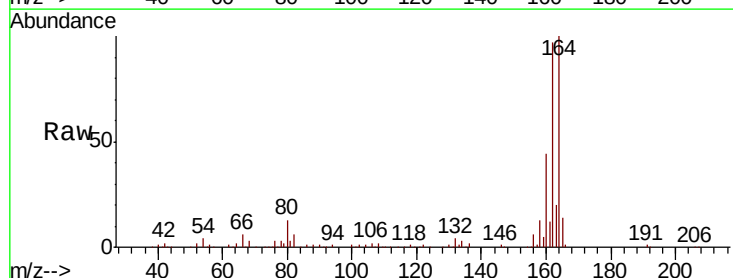
Tgt Ion:165 Resp: 25344

Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

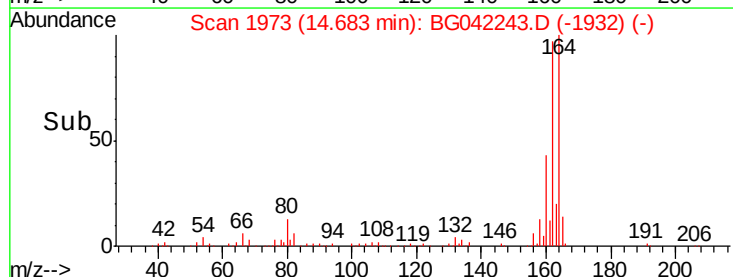
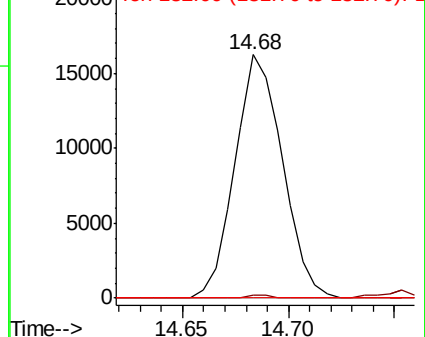
182 0.0 2.6 4.0#

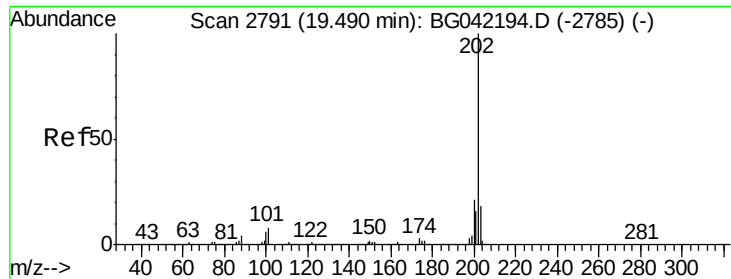


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E





#76

Fluoranthene

Concen: 1.452 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG042243.D

Acq: 16 Aug 2019 00:03

Instrument :

BNA_G

ClientSampleId :

ETOF1

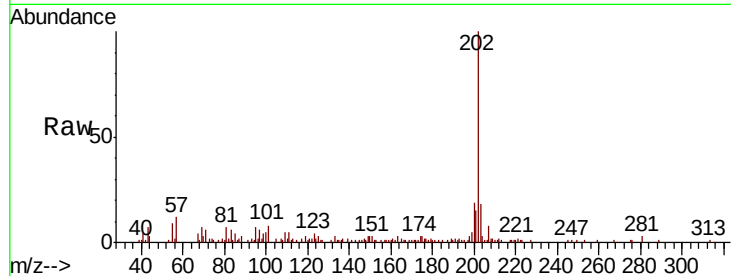
Tot Ion:202 Resp: 35596

Ion Ratio Lower Upper

202 100

101 7.7 6.7 10.1

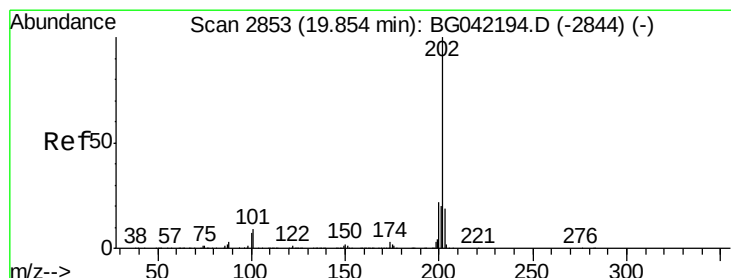
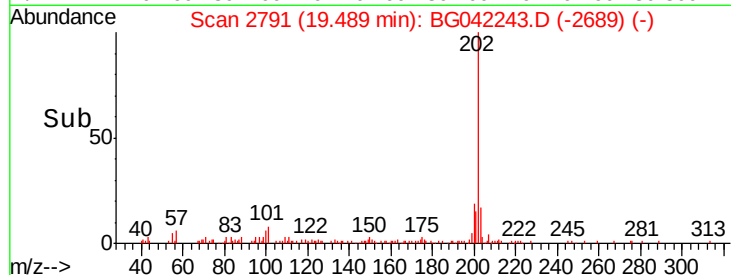
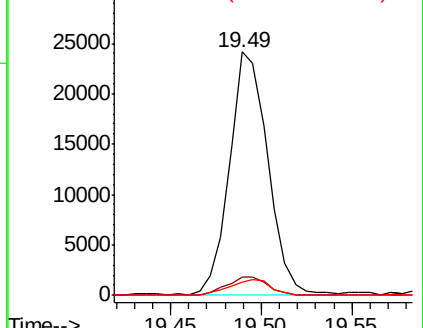
100 5.5 5.3 7.9



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): B



#79

Pyrene

Concen: 1.022 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG042243.D

Acq: 16 Aug 2019 00:03

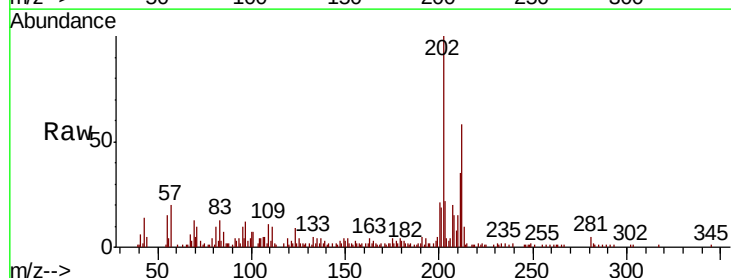
Tgt Ion:202 Resp: 26354

Ion Ratio Lower Upper

202 100

101 7.3 7.6 11.4#

100 7.5 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

