

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046967.D
 Acq On : 18 Oct 2020 9:46
 Operator : CG/JU
 Sample : L4201-10
 Misc : GCMS CONFIRMATION
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AL8

Quant Time: Oct 19 05:03:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 04:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	224279	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	148147	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	325021	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	336764	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	315211	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.21	67	124	0.04	ng/ul	-0.18
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.05	131	57	0.01	ng/ul	0.04
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	1426	0.09	ng/ul	0.00
79) Pyrene-d10	19.73	212	86	0.00	ng/ul	-0.09
90) Benzo(a)pyrene-d12	24.72	264	74	0.00	ng/ul	0.00

Target Compounds

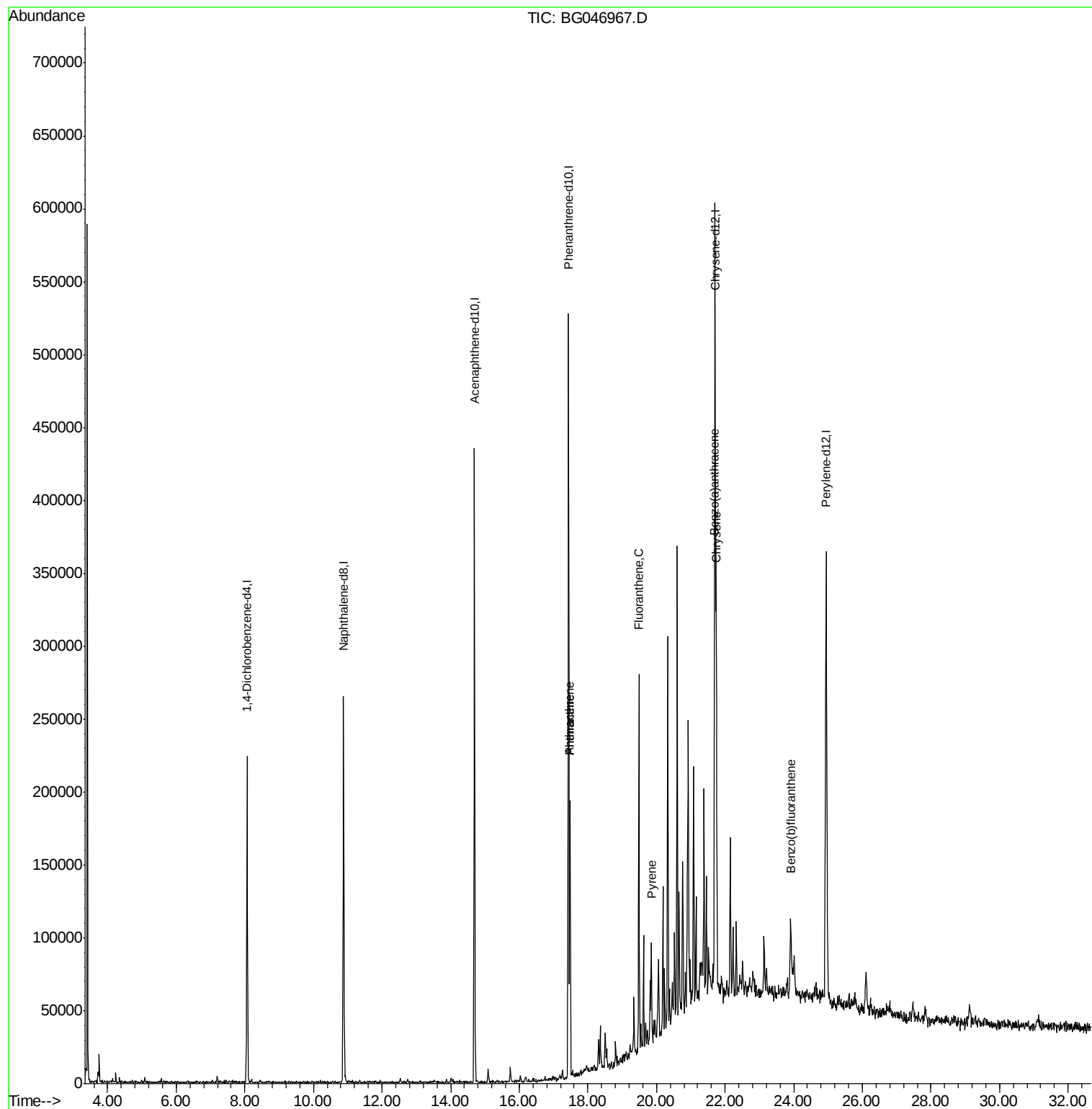
					Ovalue	
70) Phenanthrene	17.48	178	121583	6.537	ng/ul	98
72) Anthracene	17.48	178	121583	6.472	ng/ul	98
77) Fluoranthene	19.49	202	173728	7.650	ng/ul	98
80) Pyrene	19.85	202	42204	1.852	ng/ul#	94
83) Benzo(a)anthracene	21.69	228	57029	2.454	ng/ul	98
85) Chrysene	21.75	228	71247	3.177	ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	59314	2.713	ng/ul	96

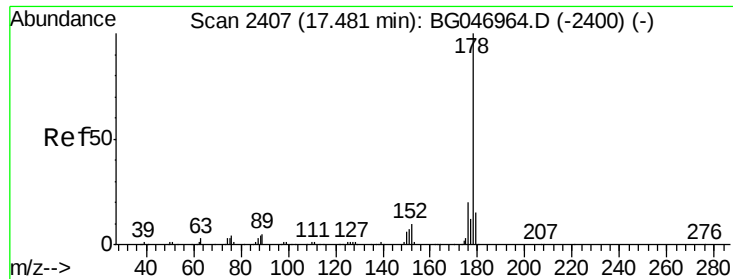
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 6.537 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG046967.D

Acq: 18 Oct 2020 9:46

Instrument :

BNA_G

ClientSampled :

COAL8

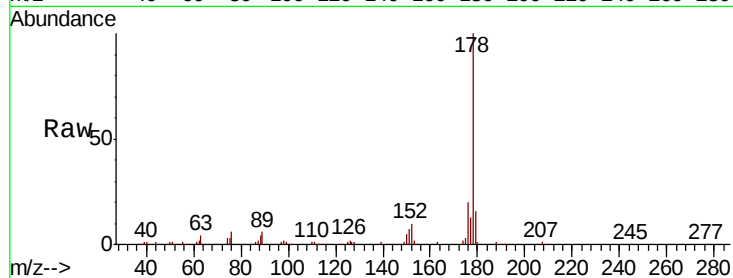
Tot Ion:178 Resp: 121583

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

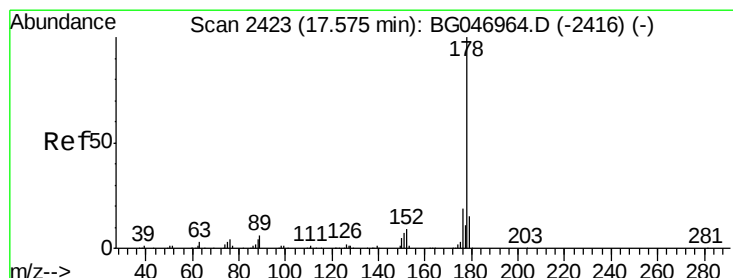
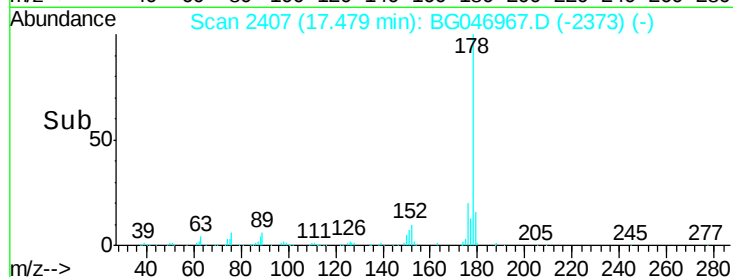
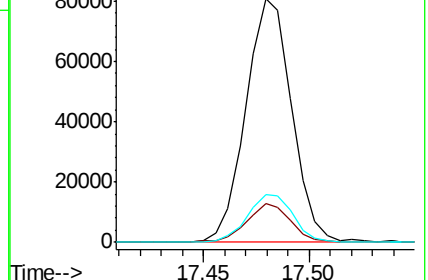
176 19.6 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 6.472 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. -0.10 min

Lab File: BG046967.D

Acq: 18 Oct 2020 9:46

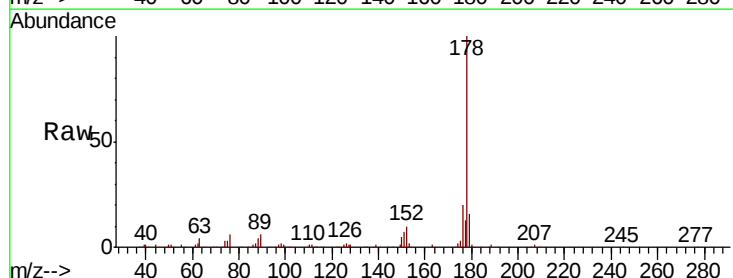
Tgt Ion:178 Resp: 121583

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

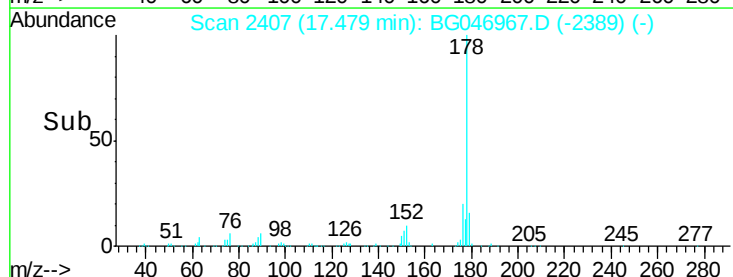
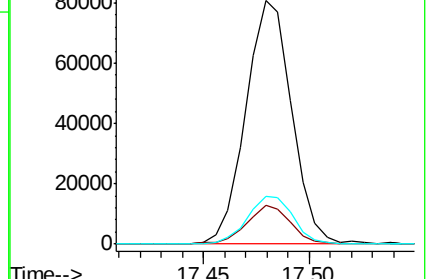
176 19.6 16.2 24.4

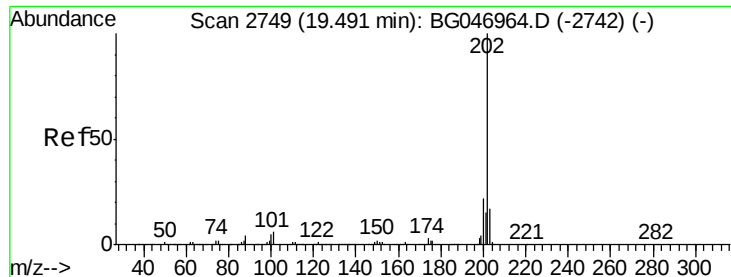


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 7.650 ng/ul

RT: 19.49 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG046967.D

Acq: 18 Oct 2020 9:46

Instrument :

BNA_G

ClientSampleId :

COAL8

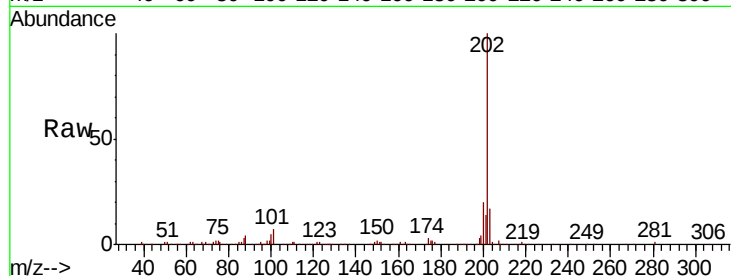
Tot Ion:202 Resp: 173728

Ion Ratio Lower Upper

202 100

101 6.6 4.9 7.3

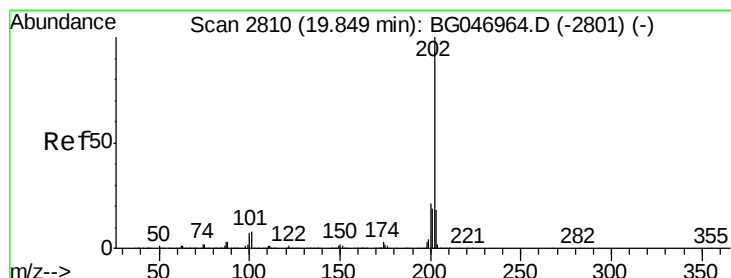
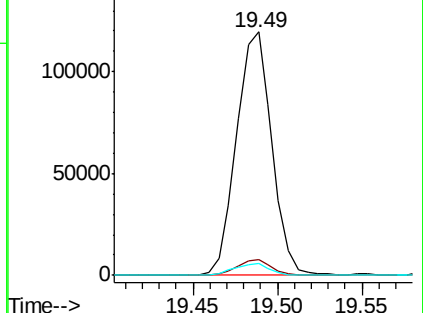
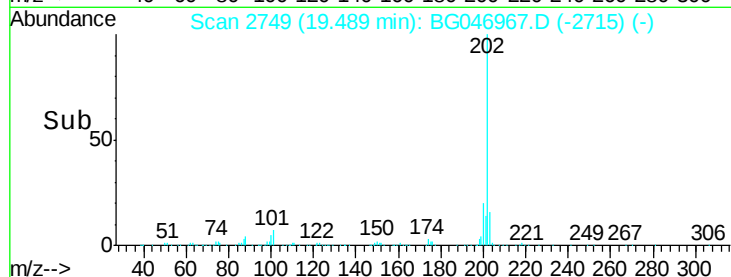
100 5.1 4.6 6.8



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



#80

Pyrene

Concen: 1.852 ng/ul

RT: 19.85 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046967.D

Acq: 18 Oct 2020 9:46

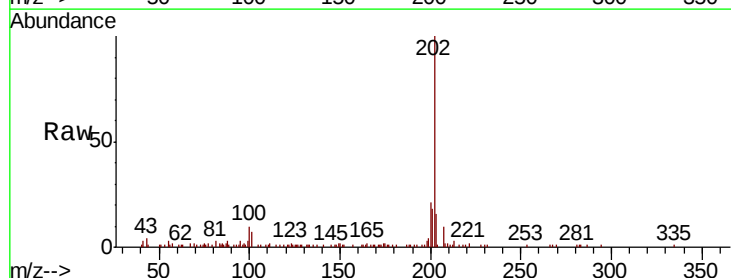
Tgt Ion:202 Resp: 42204

Ion Ratio Lower Upper

202 100

101 6.7 6.5 9.7

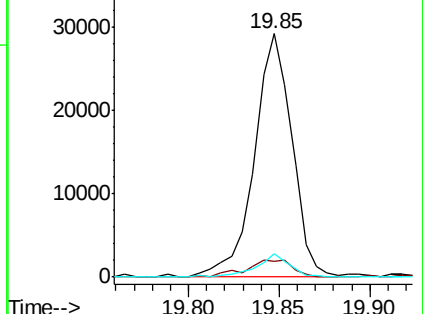
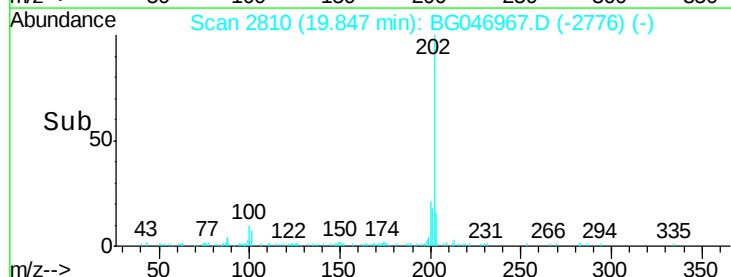
100 9.7 5.2 7.8#

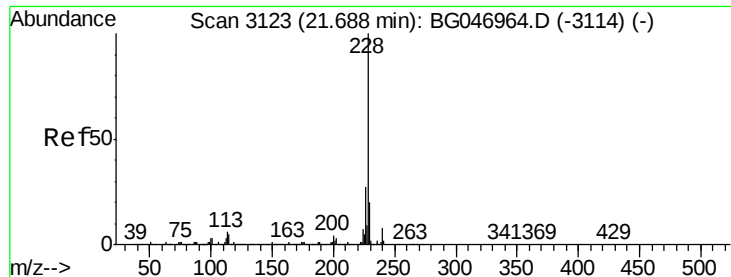


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.454 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG046967.D

Acq: 18 Oct 2020 9:46

Instrument :

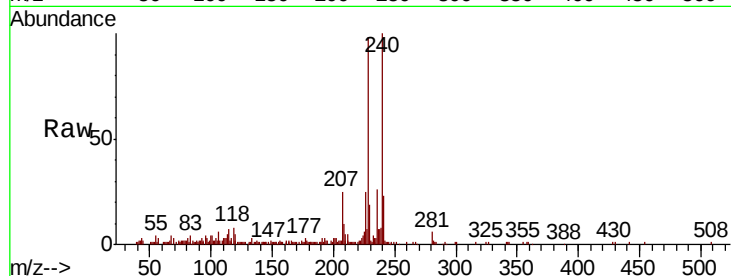
BNA_G

ClientSampleId :

COAL8

Tot Ion:228 Resp: 57029

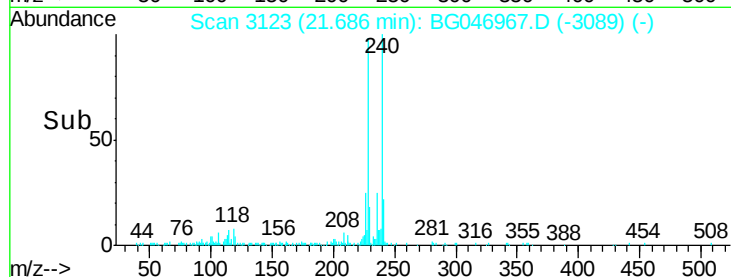
Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.2	24.2
226	25.6	21.6	32.4



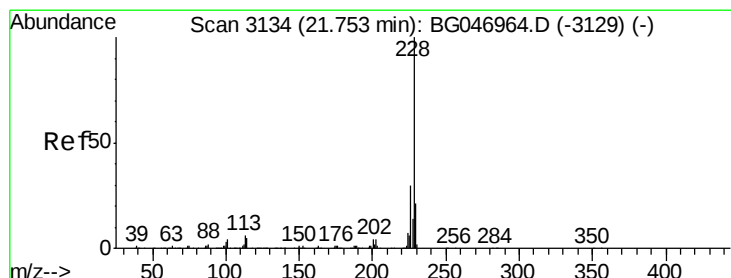
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#85

Chrysene

Concen: 3.177 ng/ul

RT: 21.75 min Scan# 3134

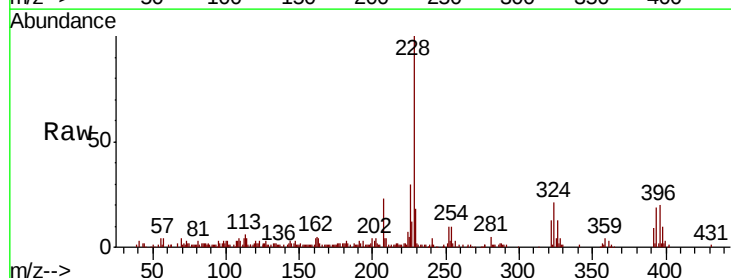
Delta R.T. -0.00 min

Lab File: BG046967.D

Acq: 18 Oct 2020 9:46

Tgt Ion:228 Resp: 71247

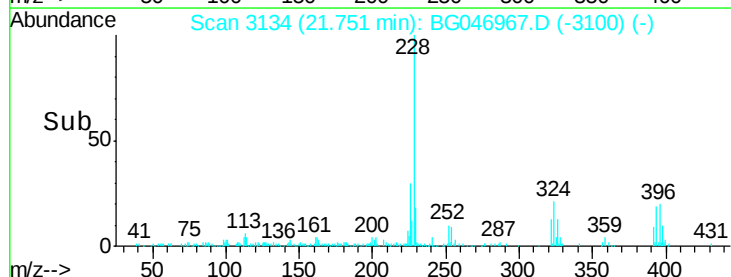
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.2	34.8
229	18.3	15.6	23.4



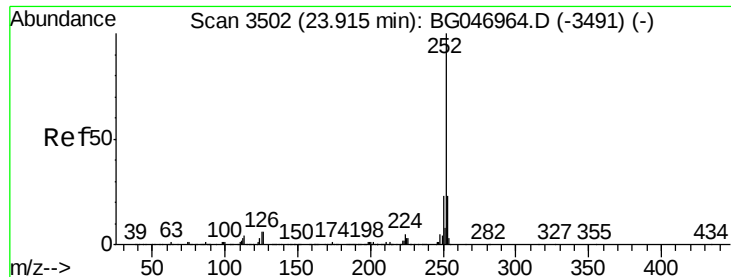
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 2.713 ng/ul

RT: 23.91 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG046967.D

Acq: 18 Oct 2020 9:46

Instrument :

BNA_G

ClientSampleId :

C0AL8

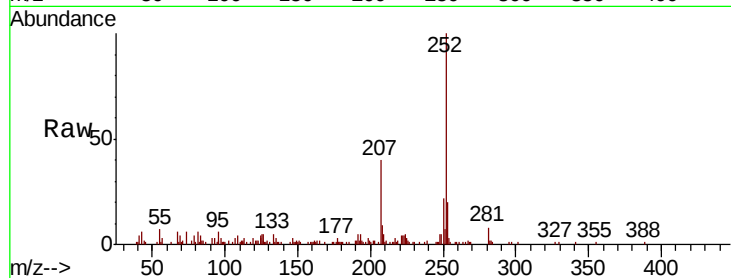
Tot Ion:252 Resp: 59314

Ion Ratio Lower Upper

252 100

253 20.4 18.2 27.2

125 5.0 4.6 7.0



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

