

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046420.D
 Acq On : 21 Aug 2020 19:23
 Operator : CG/JU
 Sample : L3649-01
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMW8

Quant Time: Aug 22 01:10:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 00:58:34 2020
 Response via : Initial Calibration

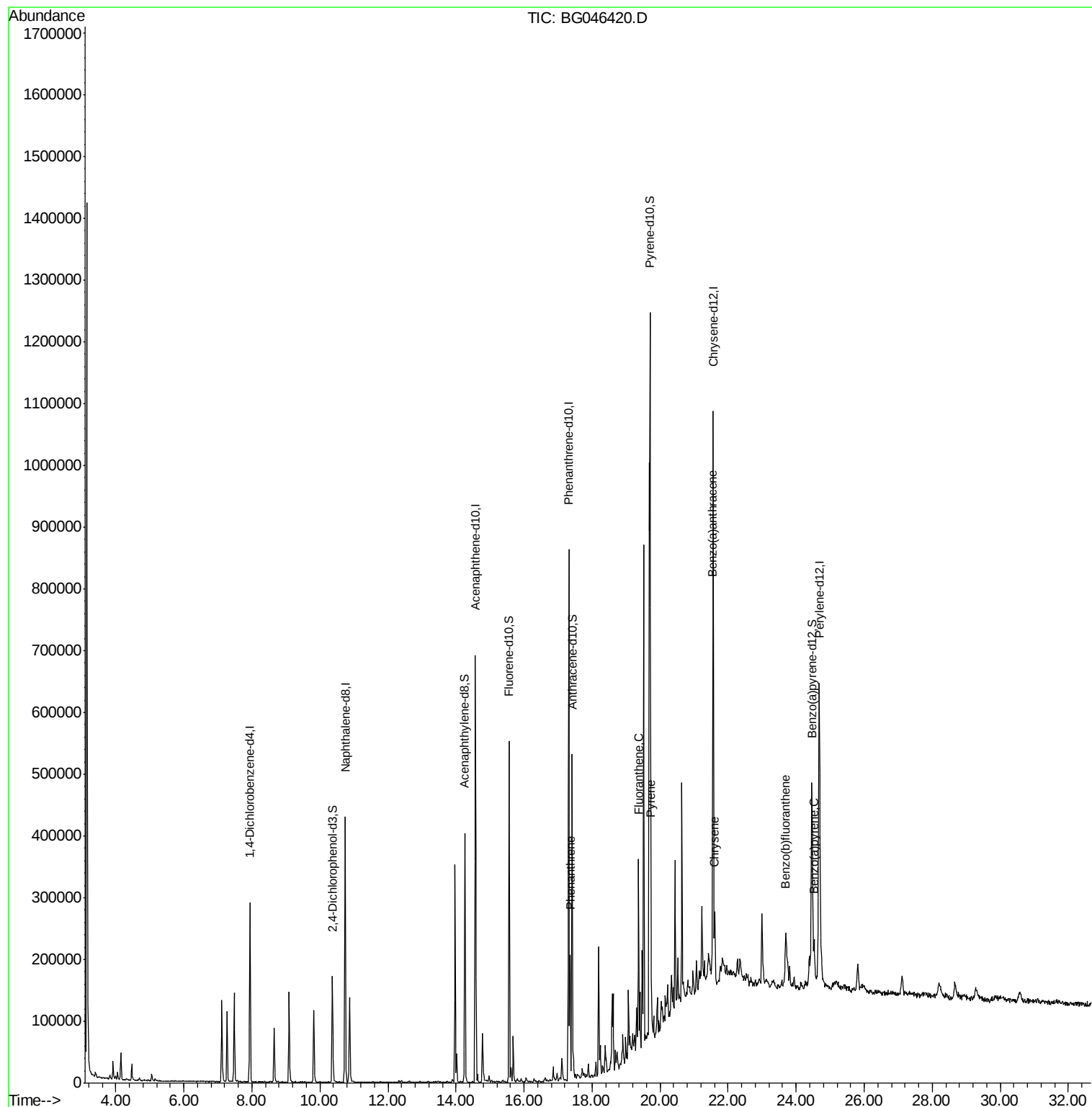
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	91695	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	382408	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	250216	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	540657	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	529901	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	545145	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	77065	11.70	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	308265	13.39	ng/ul	0.00
10) Fluorene-d10	15.56	176	234666	13.30	ng/ul	0.00
15) Anthracene-d10	17.41	188	321635	12.83	ng/ul	0.00
19) Pyrene-d10	19.70	212	365049	13.38	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	385215	12.95	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	128075	4.306	ng/ul	99
17) Fluoranthene	19.37	202	198980	6.000	ng/ul	98
20) Pyrene	19.73	202	152142	4.374	ng/ul	98
21) Benzo(a)anthracene	21.54	228	96651	2.803	ng/ul	97
22) Chrysene	21.61	228	88835	2.665	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	123941	3.438	ng/ul	98
27) Benzo(a)pyrene	24.52	252	72364	2.186	ng/ul	99

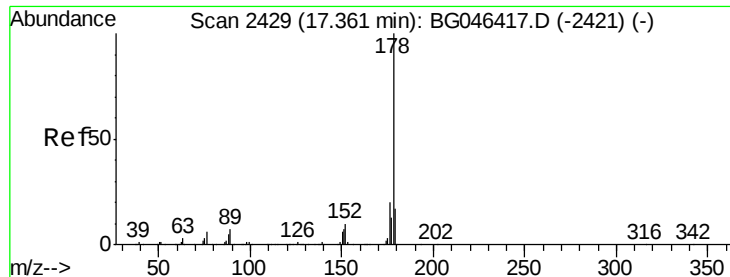
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 4.306 ng/ul

RT: 17.36 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG046420.D

Acq: 21 Aug 2020 19:23

Instrument :

BNA_G

ClientSampleId :

BFMW8

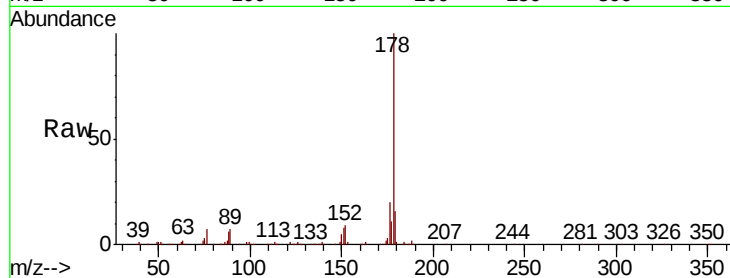
Tot Ion:178 Resp: 128075

Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

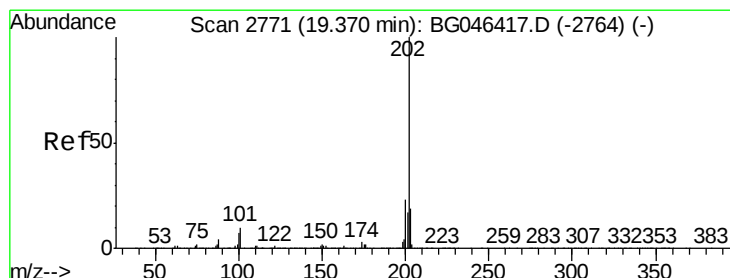
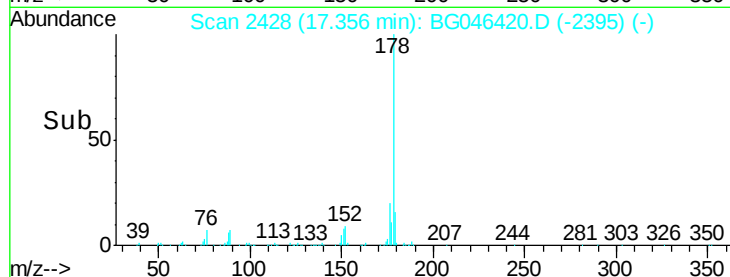
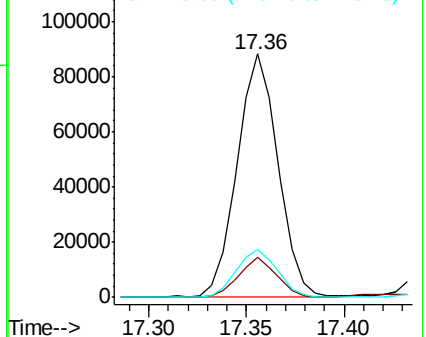
176 19.6 15.8 23.8



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



#17

Fluoranthene

Concen: 6.000 ng/ul

RT: 19.37 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BG046420.D

Acq: 21 Aug 2020 19:23

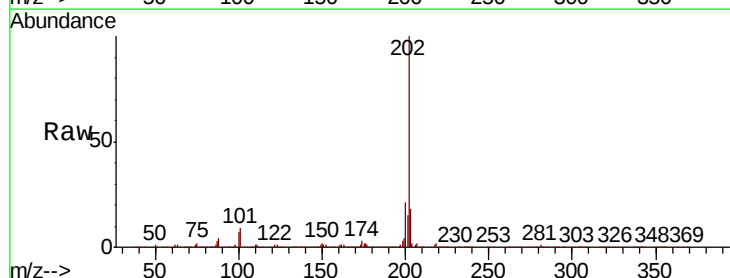
Tgt Ion:202 Resp: 198980

Ion Ratio Lower Upper

202 100

101 8.7 7.8 11.6

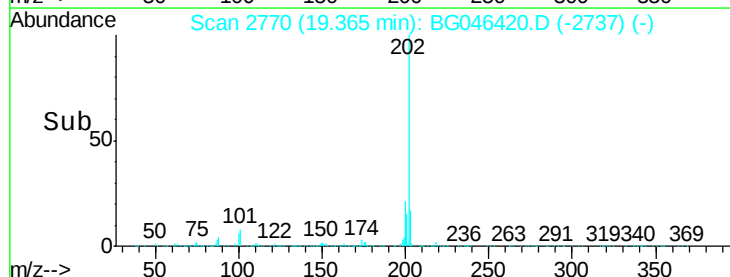
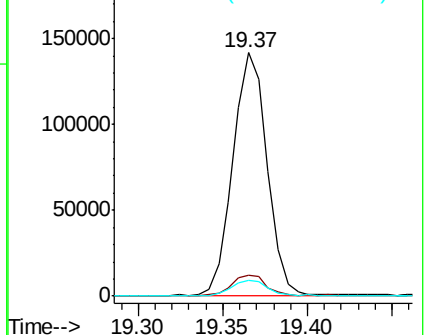
100 6.6 5.9 8.9

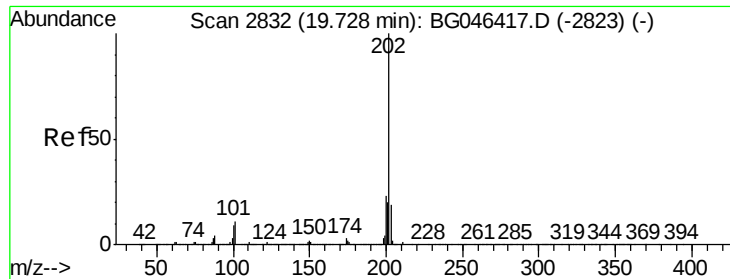


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

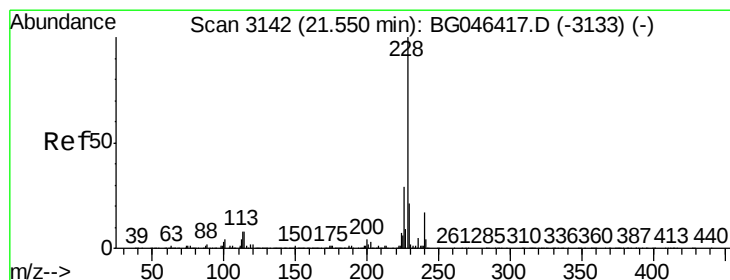
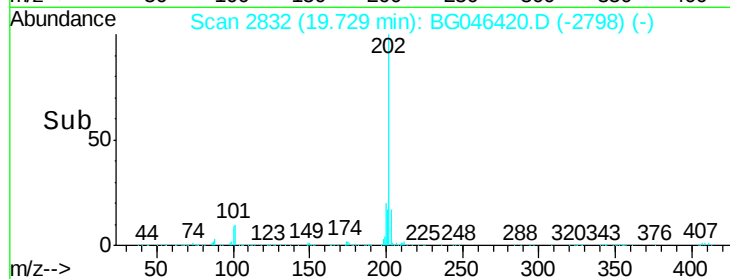
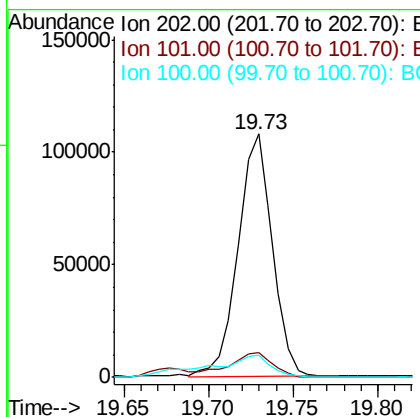
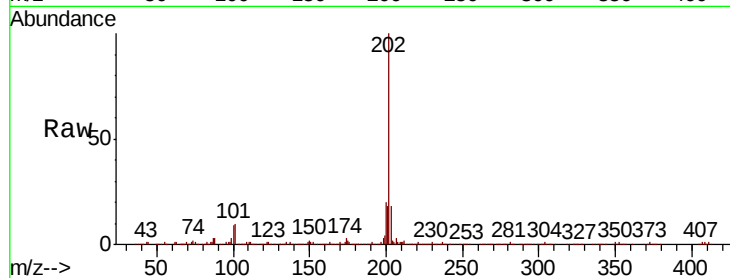




#20
Pvrene
Concen: 4.374 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046420.D
Acq: 21 Aug 2020 19:23

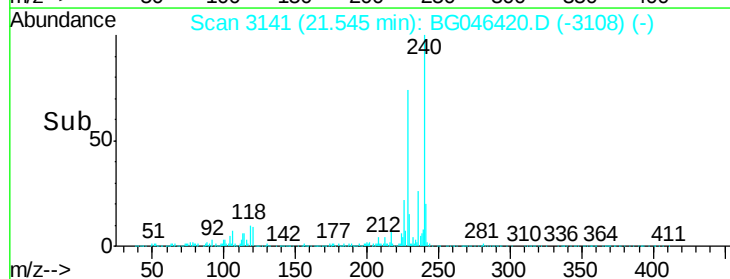
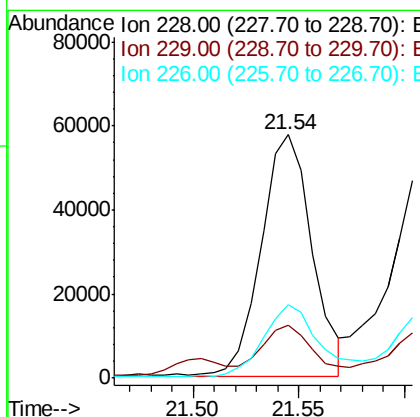
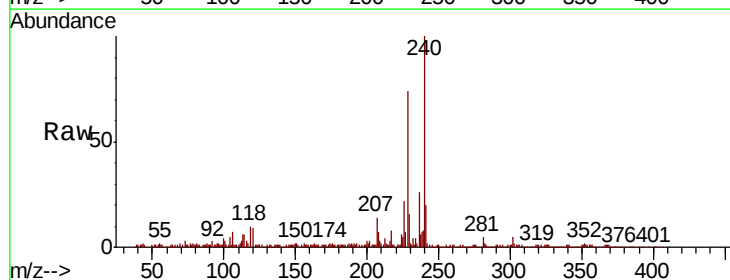
Instrument :
BNA_G
ClientSampleId :
BFMW8

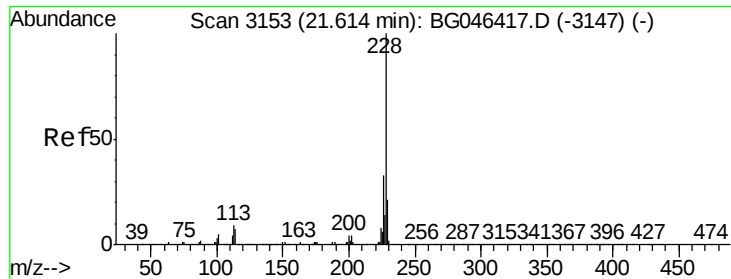
Tot Ion:202	Resp:	152142
Ion Ratio	Lower	Upper
202 100		
101 10.2	8.9	13.3
100 9.1	7.9	11.9



#21
Benzo(a)anthracene
Concen: 2.803 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046420.D
Acq: 21 Aug 2020 19:23

Tgt Ion:228	Resp:	96651
Ion Ratio	Lower	Upper
228 100		
229 21.5	16.6	25.0
226 30.2	22.6	33.8





#22

Chrysene

Concen: 2.665 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG046420.D

Acq: 21 Aug 2020 19:23

Instrument :

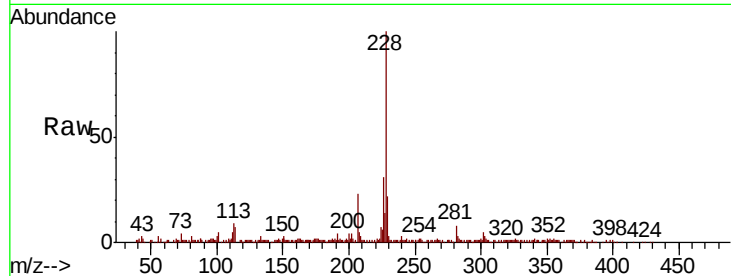
BNA_G

ClientSampleId :

BFMW8

Tot Ion:228 Resp: 88835

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	22.3	17.0	25.4

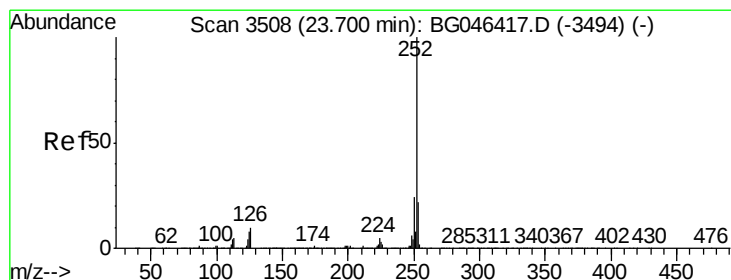
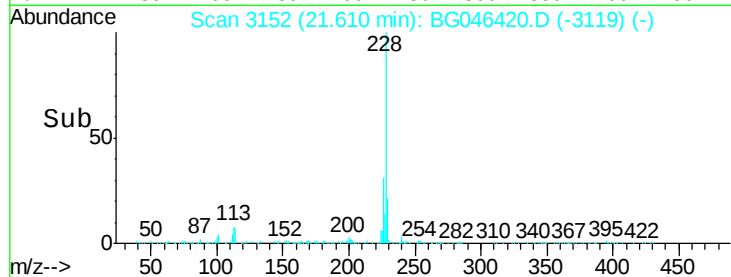
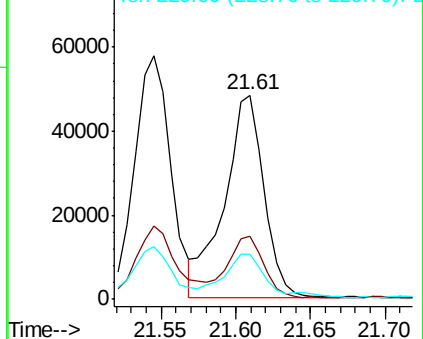


Abundance

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



#24

Benzo(b)fluoranthene

Concen: 3.438 ng/ul

RT: 23.70 min Scan# 3508

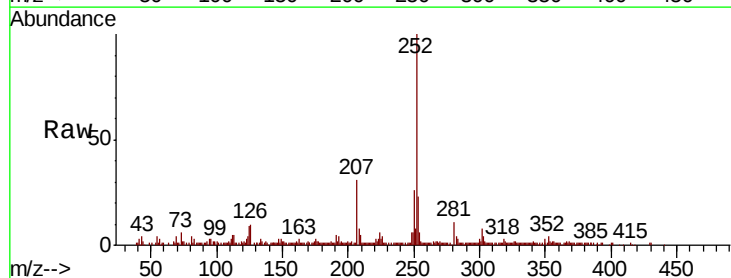
Delta R.T. 0.00 min

Lab File: BG046420.D

Acq: 21 Aug 2020 19:23

Tgt Ion:252 Resp: 123941

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	9.4	6.4	9.6

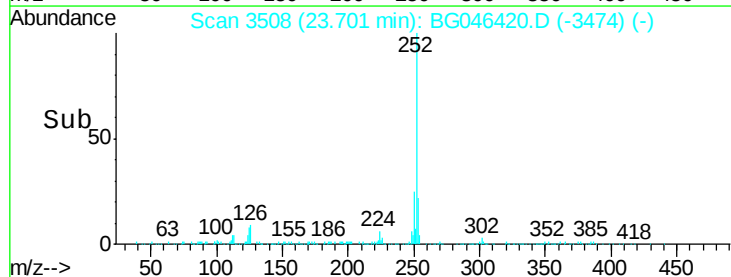
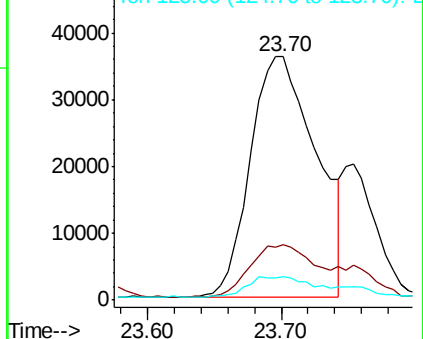


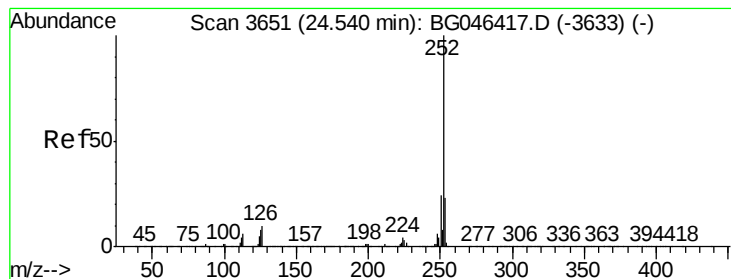
Abundance

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





#27
 Benzo(a)pyrene
 Concen: 2.186 ng/ul
 RT: 24.52 min Scan# 3648
 Delta R.T. -0.02 min
 Lab File: BG046420.D
 Acq: 21 Aug 2020 19:23

Instrument :
 BNA_G
 ClientSampleId :
 BFMW8

Tot Ion:	252	Resp:	72364
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.1	7.1	10.7

