

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046361.D
 Acq On : 20 Aug 2020 2:08
 Operator : CG/JU
 Sample : L3633-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM99

Quant Time: Aug 20 04:07:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 04:05:44 2020
 Response via : Initial Calibration

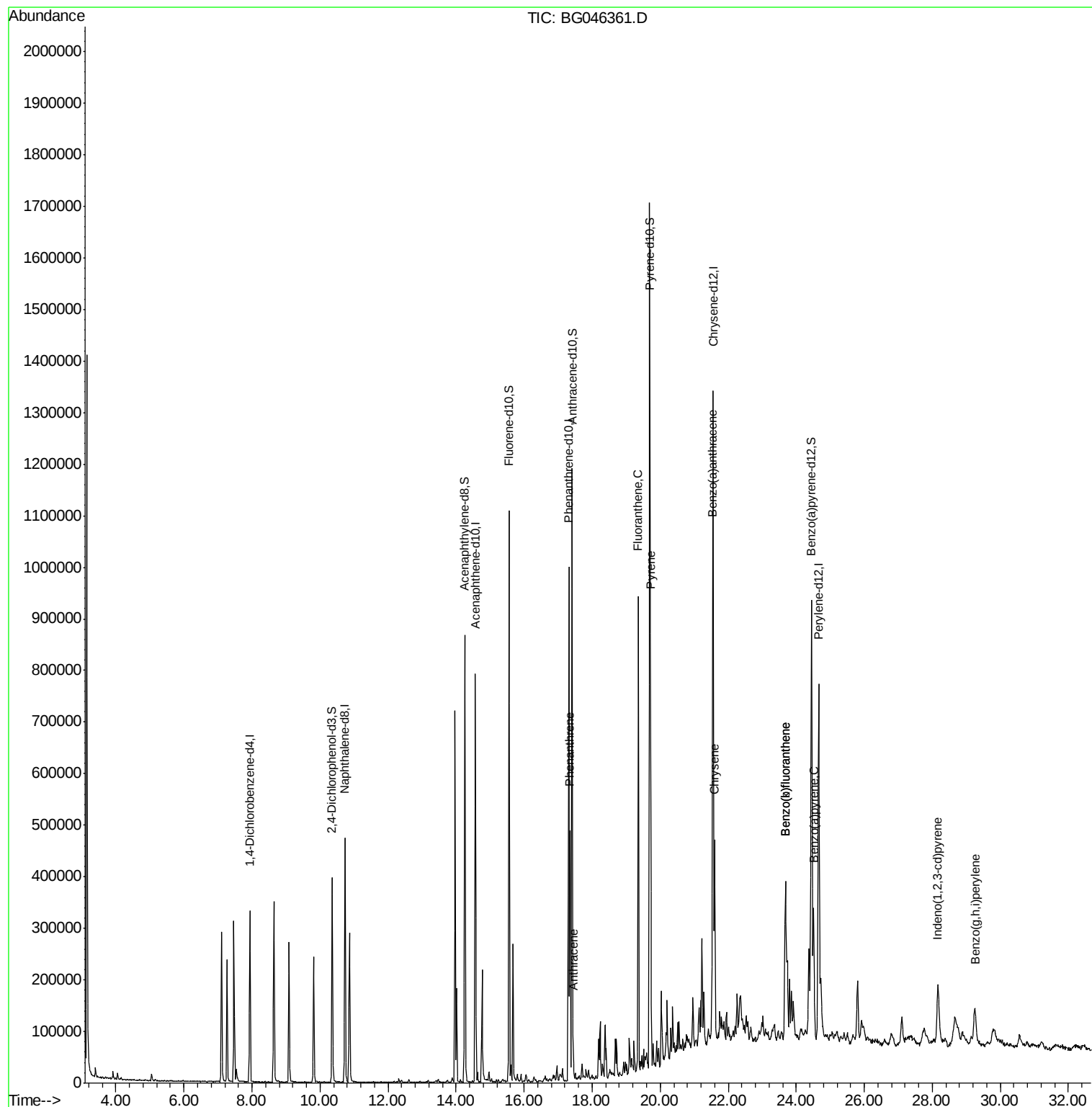
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	106203	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	432178	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	289143	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	656239	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	675243	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	703634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	172975	23.24	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	640206	24.06	ng/ul	0.00
10) Fluorene-d10	15.56	176	486761	23.87	ng/ul	0.00
15) Anthracene-d10	17.41	188	708402	23.29	ng/ul	0.00
19) Pyrene-d10	19.69	212	842961	24.25	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	963445	25.09	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	326140	9.034	ng/ul	100
16) Anthracene	17.44	178	50066	1.374	ng/ul	99
17) Fluoranthene	19.36	202	590162	14.660	ng/ul	100
20) Pyrene	19.72	202	531255	11.986	ng/ul	98
21) Benzo(a)anthracene	21.54	228	287470	6.543	ng/ul	97
22) Chrysene	21.60	228	294822	6.942	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	405845	8.722	ng/ul	98
25) Benzo(k)fluoranthene	23.68	252	405845	8.793	ng/ul	99
27) Benzo(a)pyrene	24.52	252	266845	6.247	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	185318	3.465	ng/ul	98
30) Benzo(g,h,i)perylene	29.26	276	147929	3.305	ng/ul	99

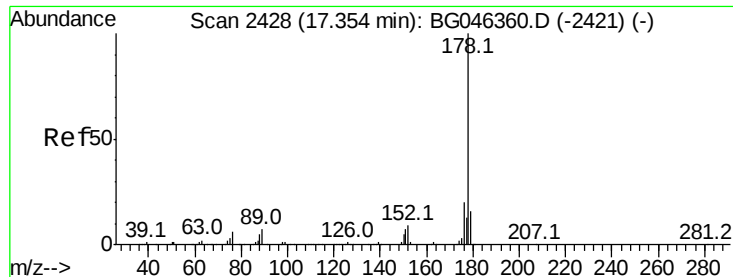
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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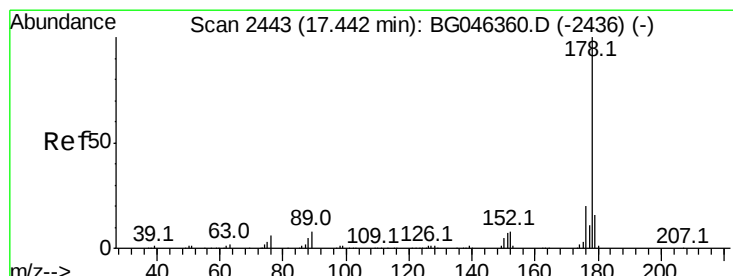
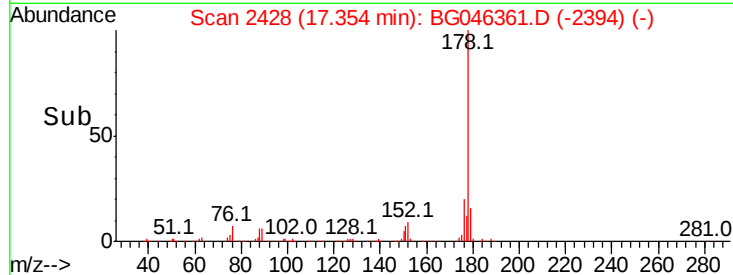
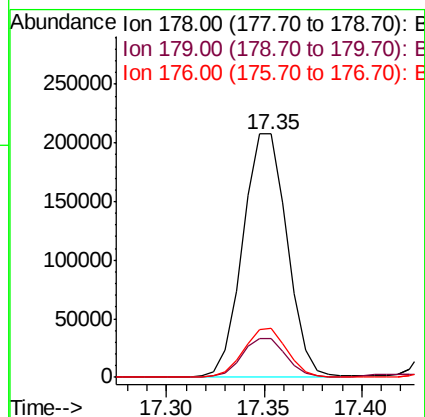
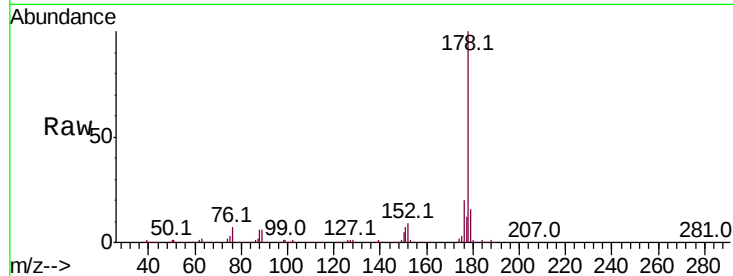




#14
Phenanthrene
Concen: 9.034 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

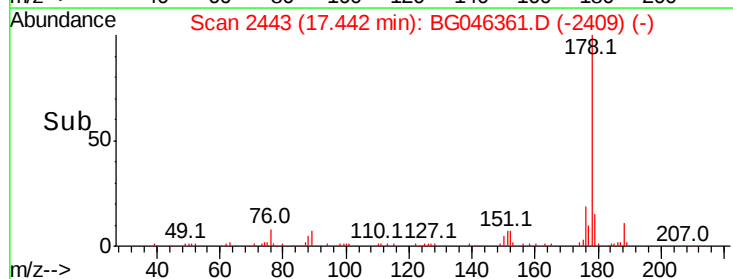
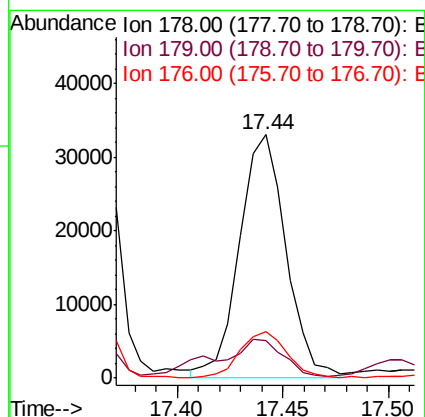
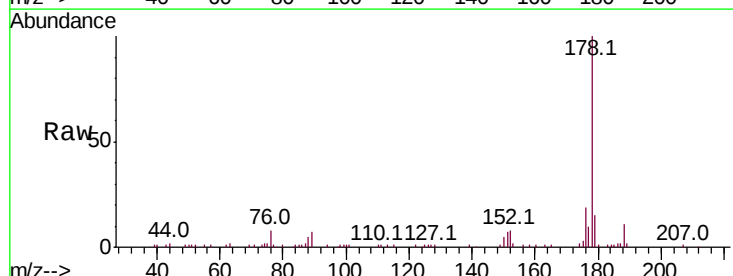
Instrument :
BNA_G
ClientSampled :
BFM99

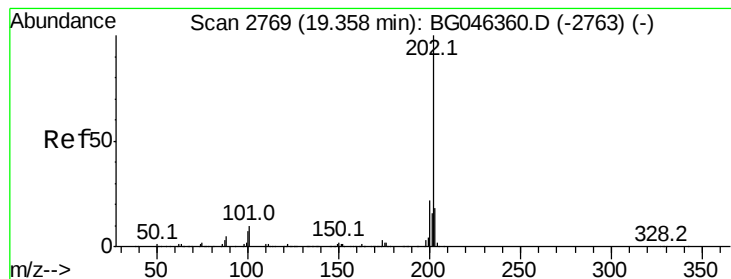
Tot Ion:178 Resp: 326140
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.9 15.8 23.8



#16
Anthracene
Concen: 1.374 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046361.D
Acq: 20 Aug 2020 2:08

Tgt Ion:178 Resp: 50066
Ion Ratio Lower Upper
178 100
179 15.4 13.2 19.8
176 19.0 15.2 22.8





#17

Fluoranthene

Concen: 14.660 ng/ul

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Instrument :

BNA_G

ClientSampleId :

BFM99

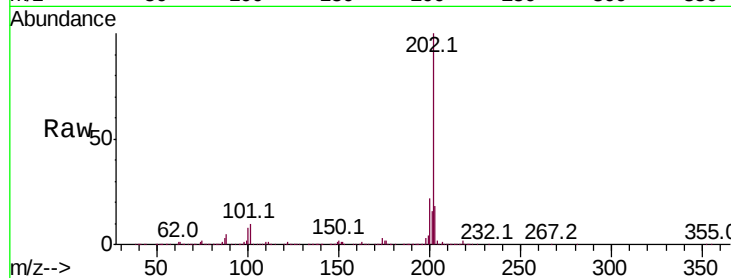
Tot Ion:202 Resp: 590162

Ion Ratio Lower Upper

202 100

101 9.8 7.8 11.6

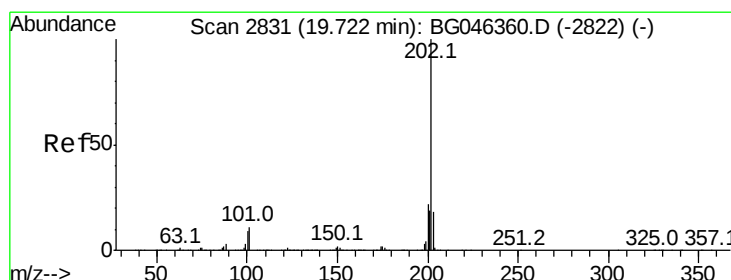
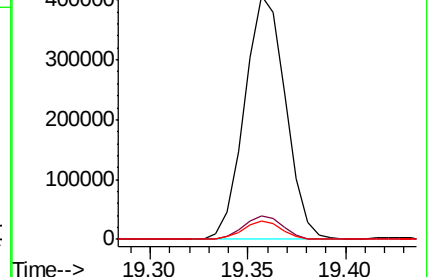
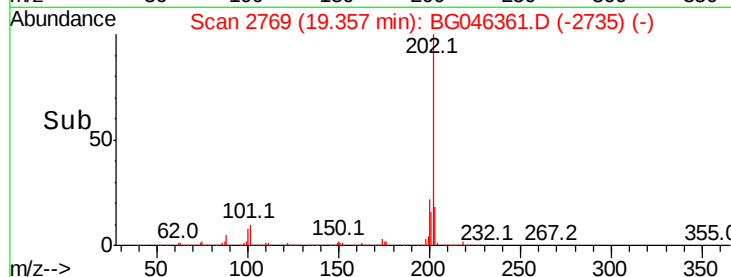
100 7.7 5.9 8.9



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): B



#20

Pyrene

Concen: 11.986 ng/ul

RT: 19.72 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

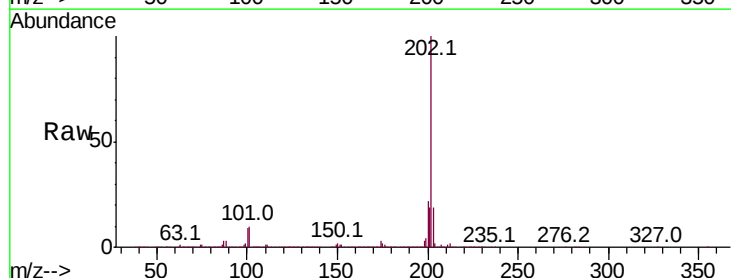
Tgt Ion:202 Resp: 531255

Ion Ratio Lower Upper

202 100

101 10.4 8.9 13.3

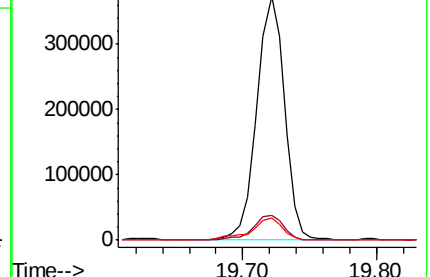
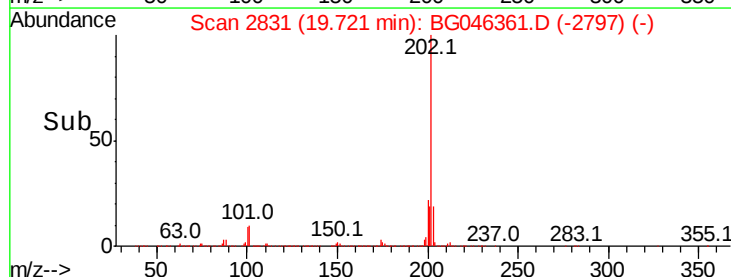
100 9.0 7.9 11.9

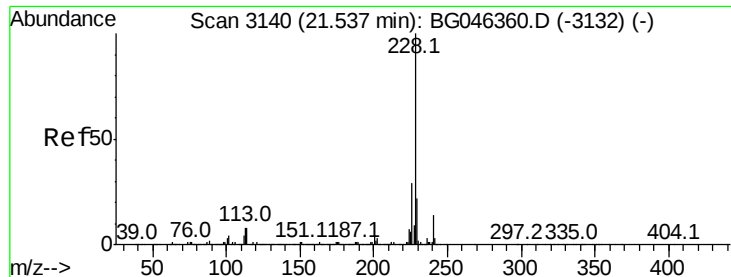


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 6.543 ng/ul

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Instrument :

BNA_G

ClientSampleId :

BFM99

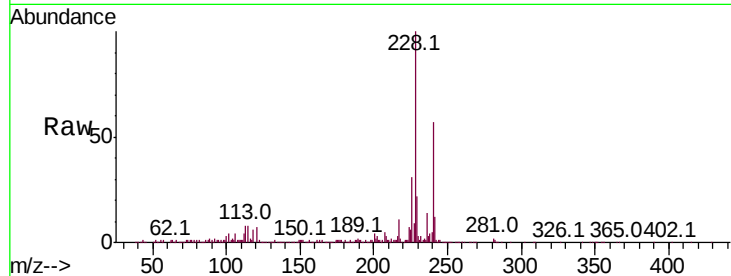
Tot Ion:228 Resp: 287470

Ion Ratio Lower Upper

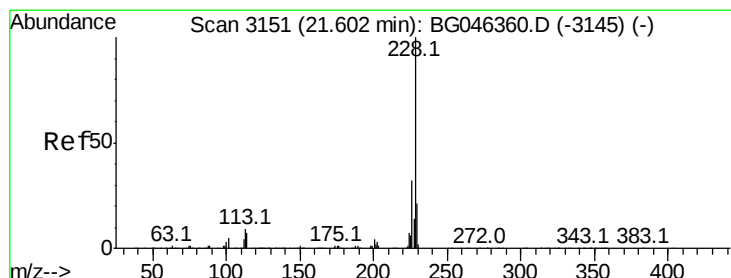
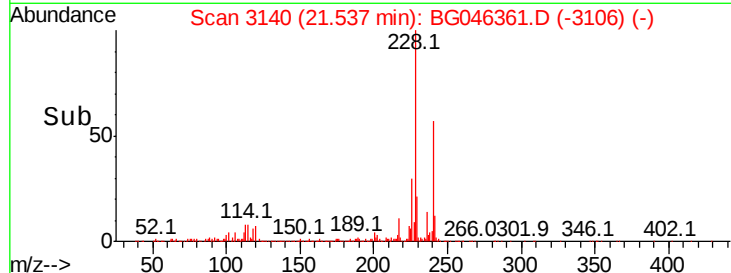
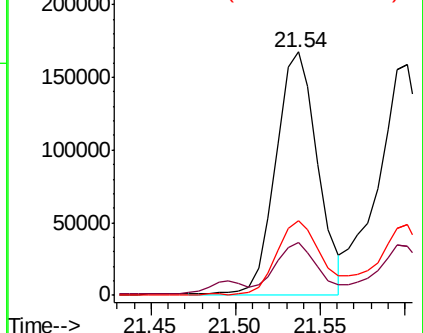
228 100

229 21.8 16.6 25.0

226 30.5 22.6 33.8



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



#22

Chrysene

Concen: 6.942 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

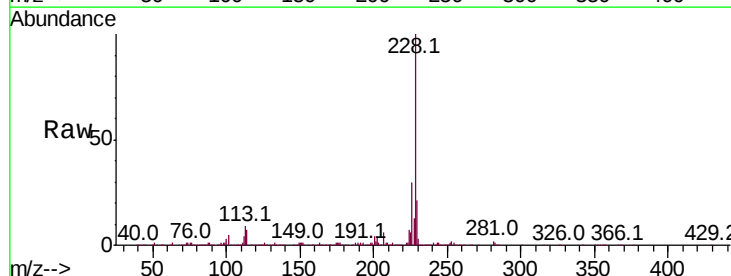
Tgt Ion:228 Resp: 294822

Ion Ratio Lower Upper

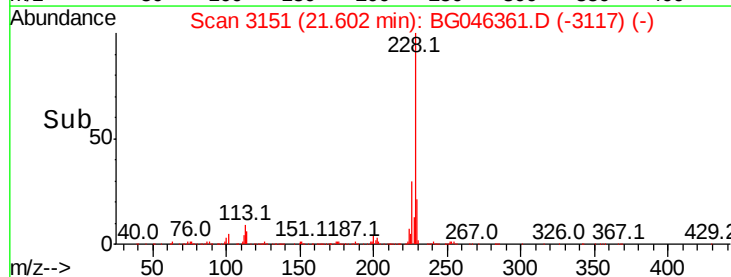
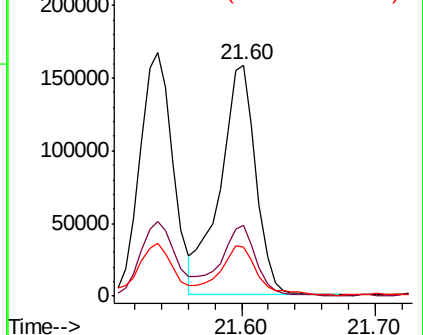
228 100

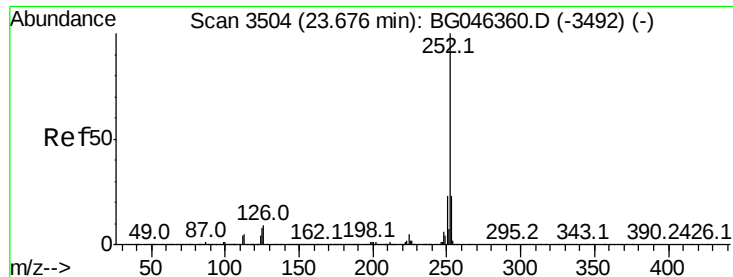
226 30.5 25.5 38.3

229 21.1 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: 8.722 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Instrument :

BNA_G

ClientSampleId :

BFM99

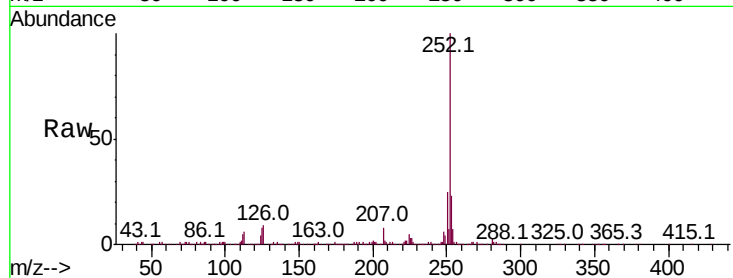
Tot Ion:252 Resp: 405845

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

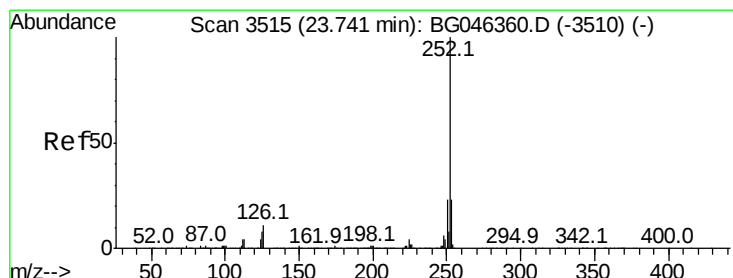
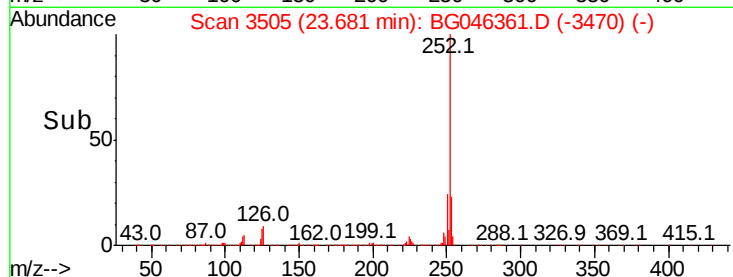
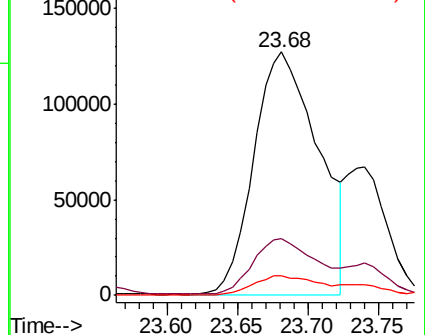
125 7.8 6.4 9.6



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



#25

Benzo(k)fluoranthene

Concen: 8.793 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. -0.06 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

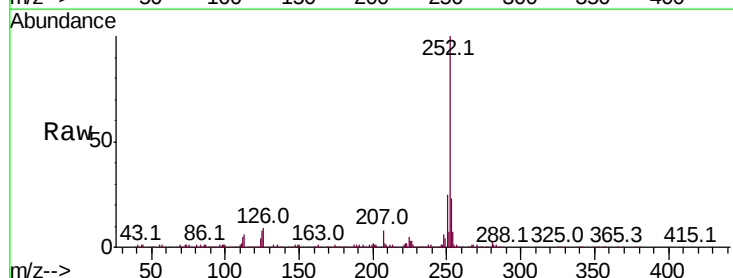
Tgt Ion:252 Resp: 405845

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

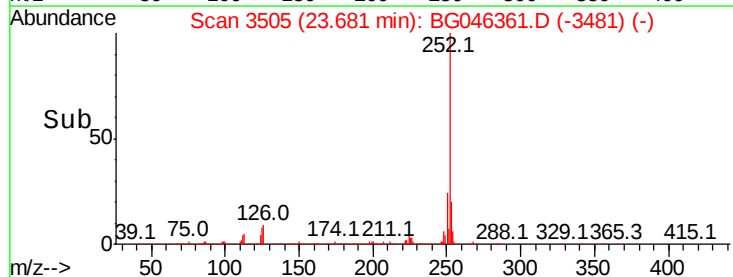
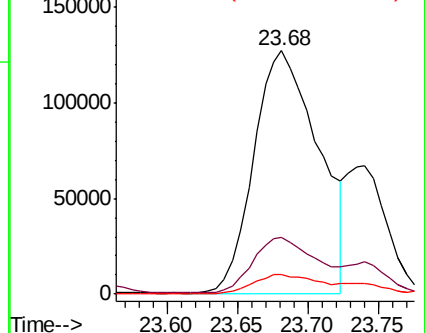
125 7.8 6.2 9.2

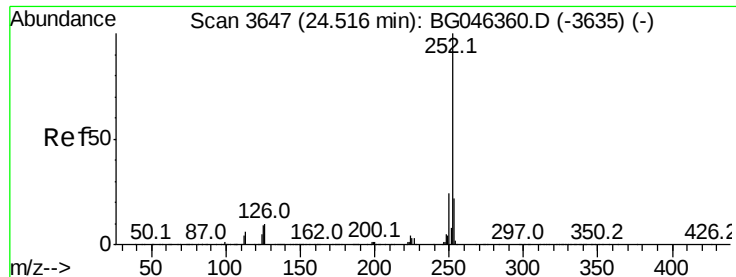


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 6.247 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Instrument :

BNA_G

ClientSampled :

BFM99

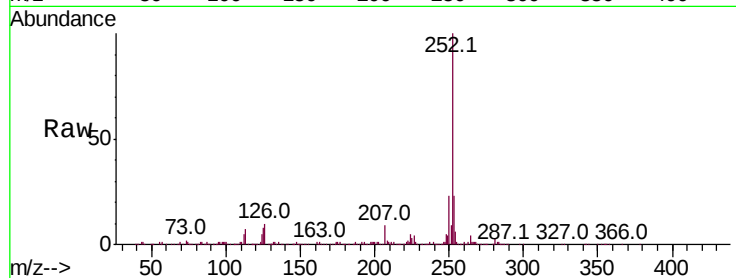
Tot Ion:252 Resp: 266845

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

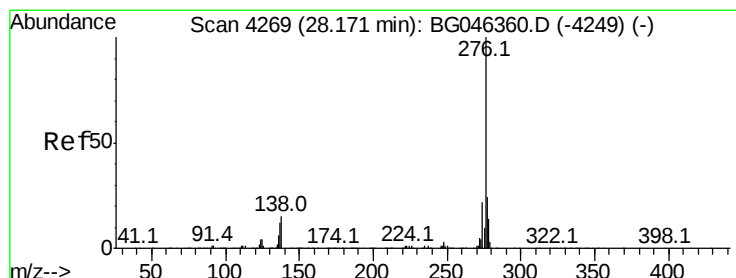
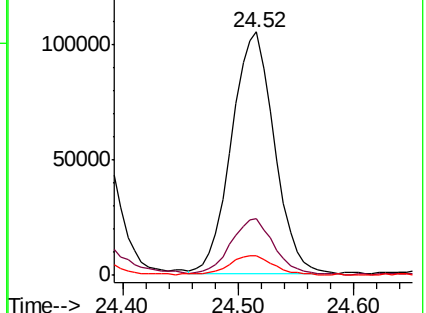
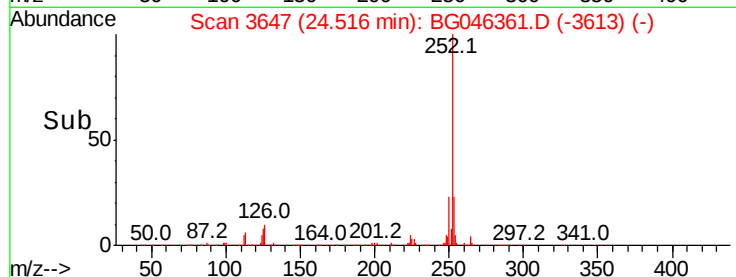
125 8.0 7.1 10.7



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 3.465 ng/ul

RT: 28.16 min Scan# 4268

Delta R.T. -0.01 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

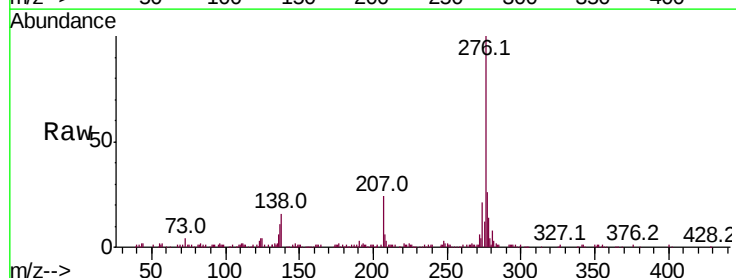
Tgt Ion:276 Resp: 185318

Ion Ratio Lower Upper

276 100

138 15.8 13.2 19.8

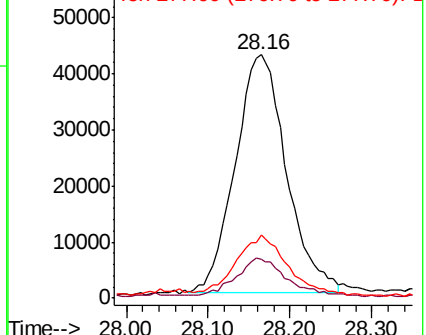
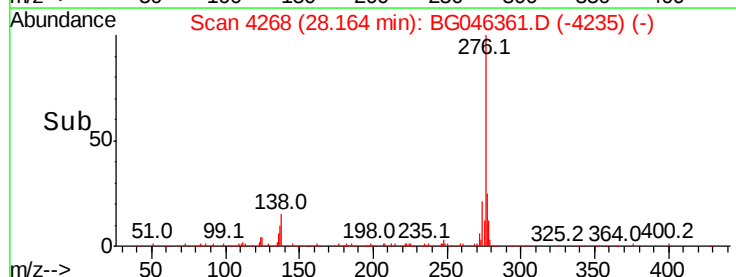
277 26.1 19.9 29.9

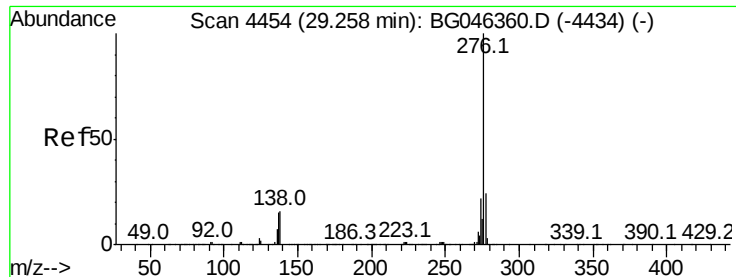


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(a,h,i)perylene

Concen: 3.305 ng/ul

RT: 29.26 min Scan# 4454

Delta R.T. -0.00 min

Lab File: BG046361.D

Acq: 20 Aug 2020 2:08

Instrument :

BNA_G

ClientSampleId :

BFM99

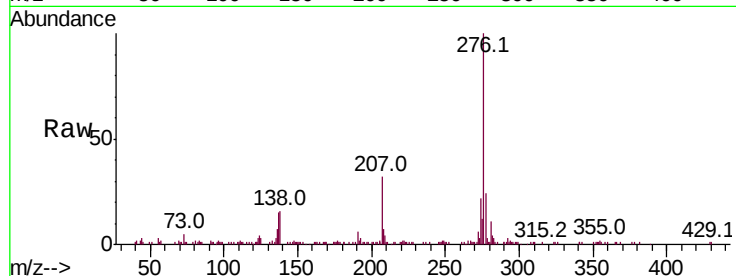
Tot Ion:276 Resp: 147929

Ion Ratio Lower Upper

276 100

138 15.7 12.9 19.3

277 23.7 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

