

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046362.D
 Acq On : 20 Aug 2020 2:48
 Operator : CG/JU
 Sample : L3633-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME7

Quant Time: Aug 20 04:07:34 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

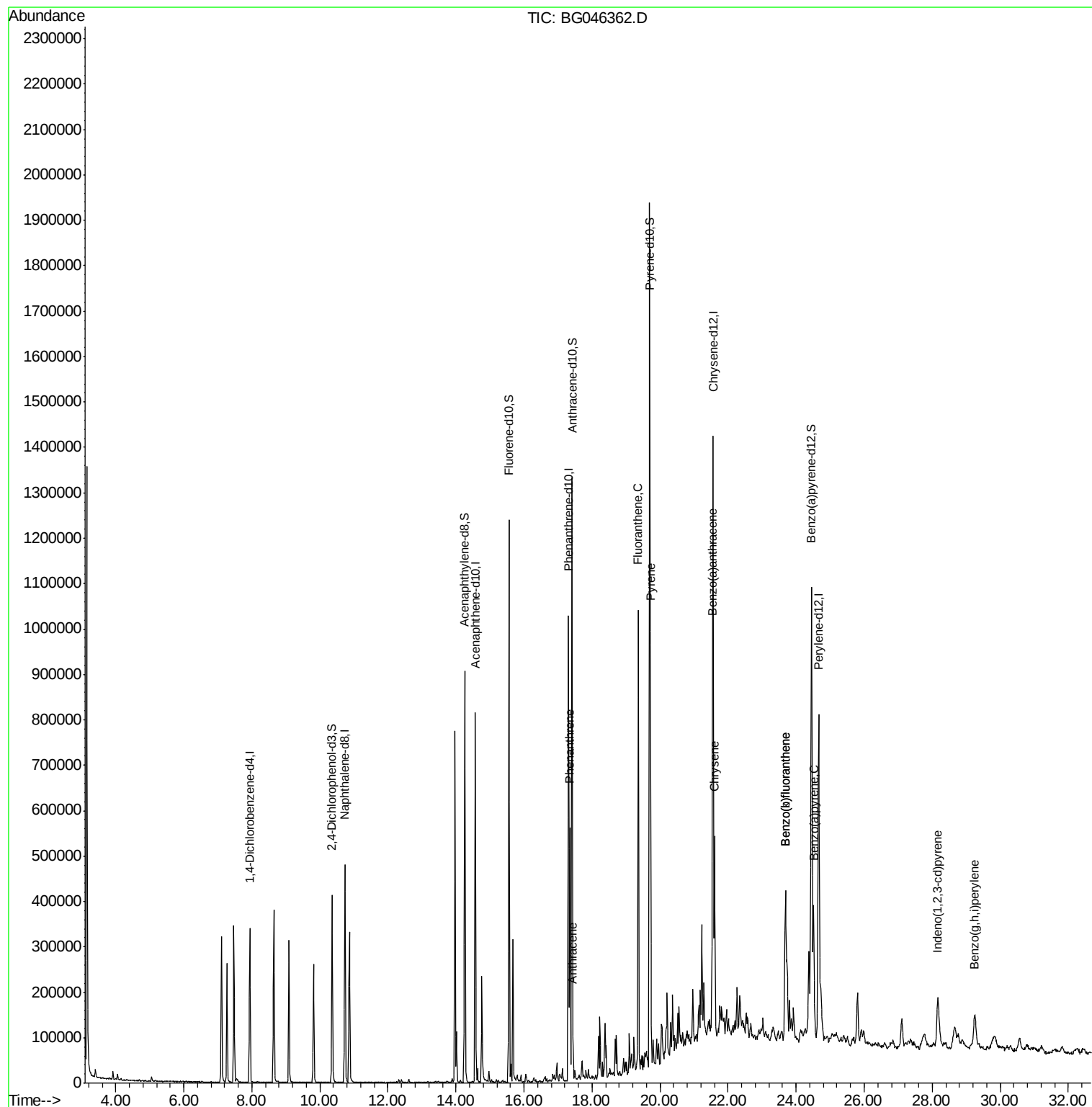
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	109044	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	433583	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	287088	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	679213	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	722431	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	767523	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	185078	24.79	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	692651	26.22	ng/ul	0.00
10) Fluorene-d10	15.56	176	533552	26.35	ng/ul	0.00
15) Anthracene-d10	17.41	188	790654	25.11	ng/ul	0.00
19) Pyrene-d10	19.69	212	970235	26.09	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	1134180	27.08	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	348070	9.315	ng/ul	99
16) Anthracene	17.44	178	56293	1.493	ng/ul	96
17) Fluoranthene	19.36	202	625137	15.004	ng/ul	99
20) Pyrene	19.72	202	577535	12.179	ng/ul	97
21) Benzo(a)anthracene	21.53	228	312175	6.642	ng/ul	99
22) Chrysene	21.60	228	323737	7.125	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	447708	8.821	ng/ul	98
25) Benzo(k)fluoranthene	23.68	252	447708	8.892	ng/ul	99
27) Benzo(a)pyrene	24.52	252	295178	6.335	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.16	276	197137	3.379	ng/ul	99
30) Benzo(g,h,i)perylene	29.25	276	155572	3.186	ng/ul	96

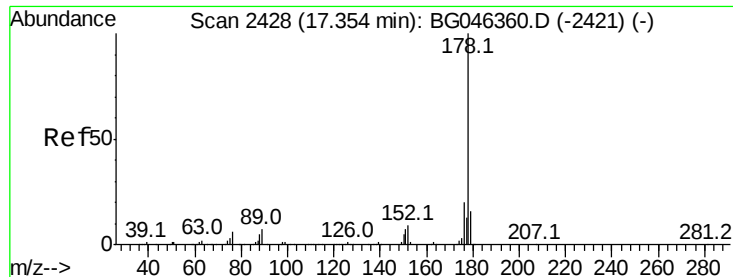
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 9.315 ng/ul

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

Instrument :

BNA_G

ClientSampleId :

BFME7

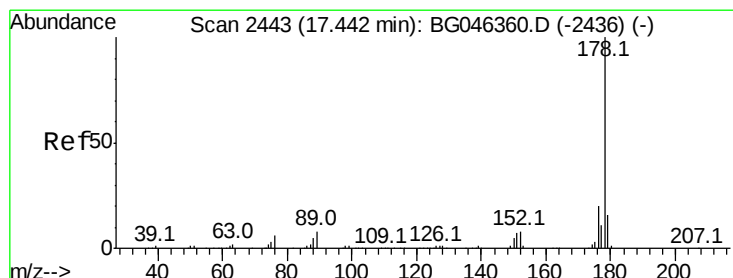
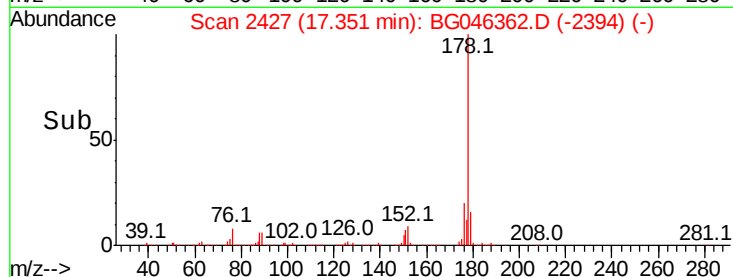
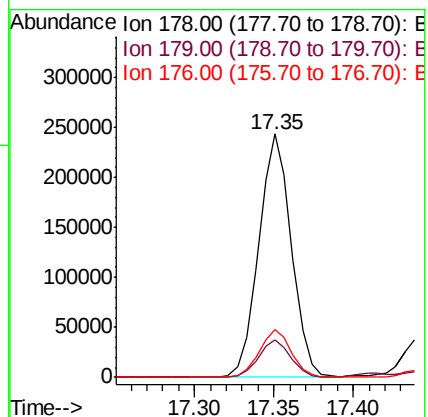
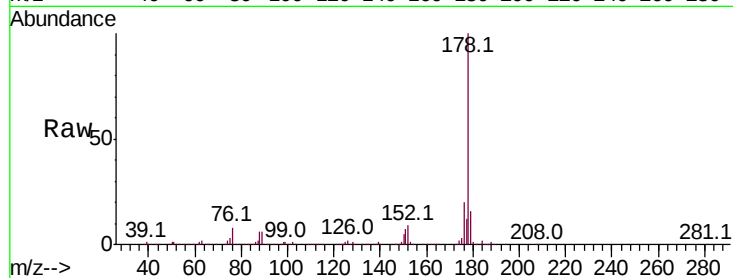
Tot Ion:178 Resp: 348070

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.7 15.8 23.8



#16

Anthracene

Concen: 1.493 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

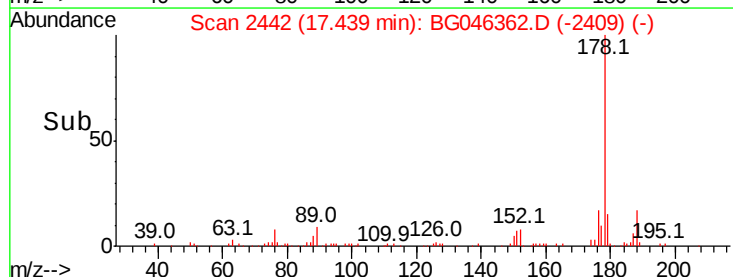
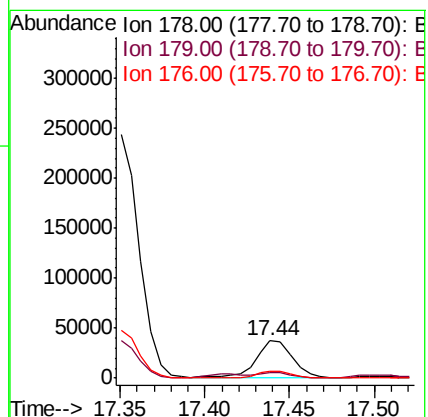
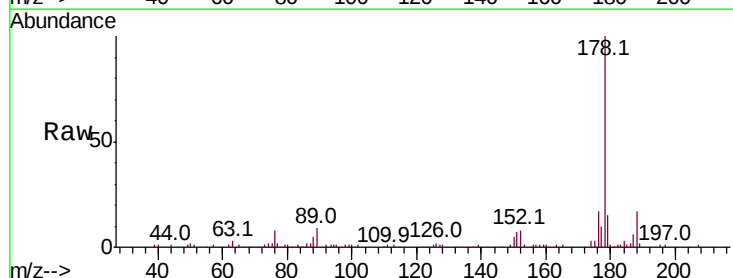
Tgt Ion:178 Resp: 56293

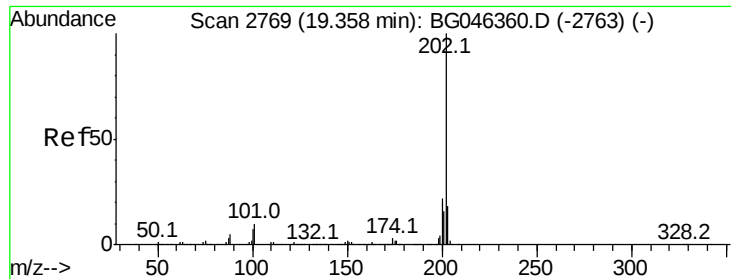
Ion Ratio Lower Upper

178 100

179 14.9 13.2 19.8

176 16.9 15.2 22.8





#17

Fluoranthene

Concen: 15.004 ng/ul

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

Instrument :

BNA_G

ClientSampleId :

BFME7

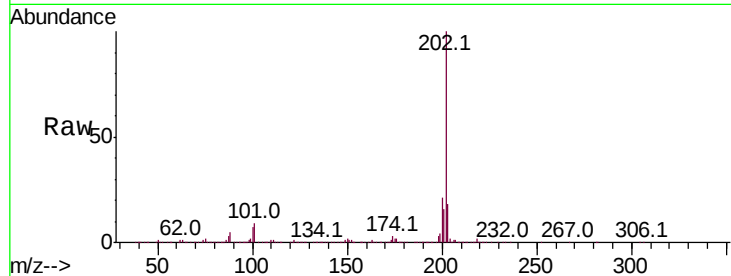
Tot Ion:202 Resp: 625137

Ion Ratio Lower Upper

202 100

101 9.2 7.8 11.6

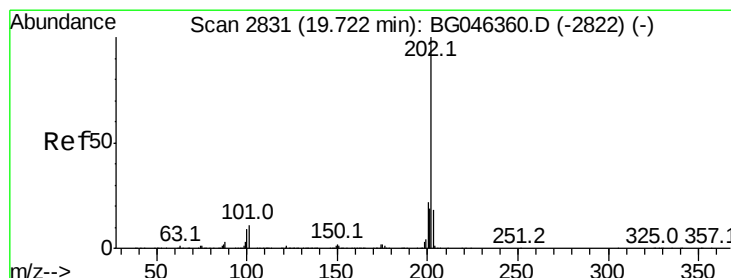
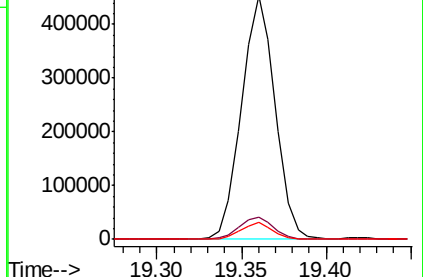
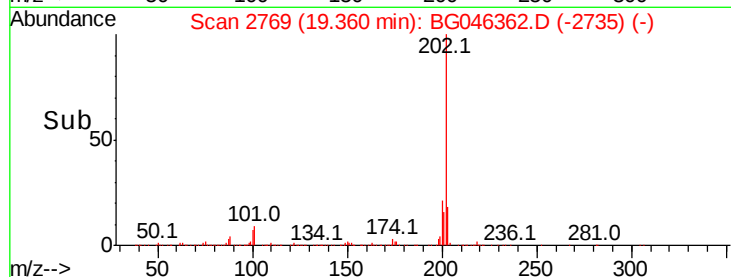
100 7.1 5.9 8.9



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: 12.179 ng/ul

RT: 19.72 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

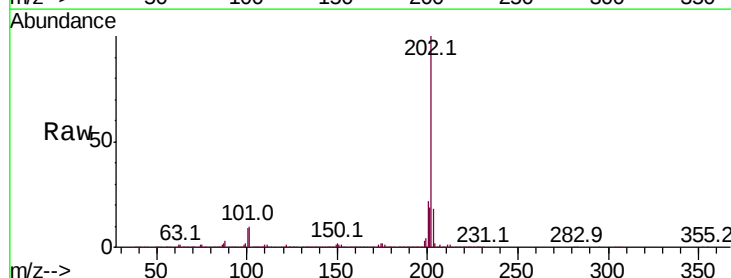
Tgt Ion:202 Resp: 577535

Ion Ratio Lower Upper

202 100

101 10.3 8.9 13.3

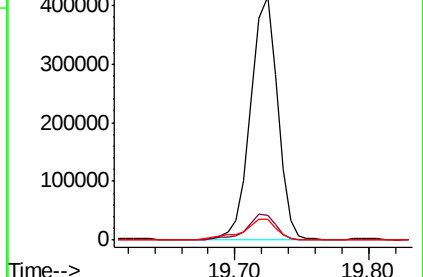
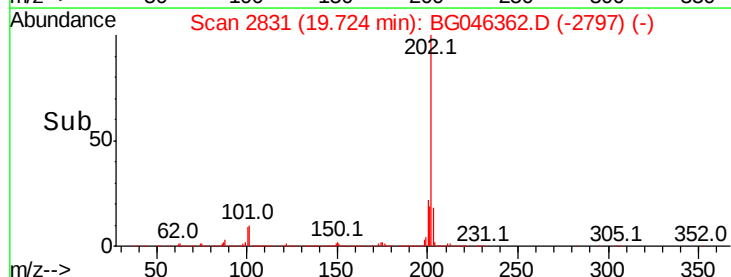
100 8.8 7.9 11.9

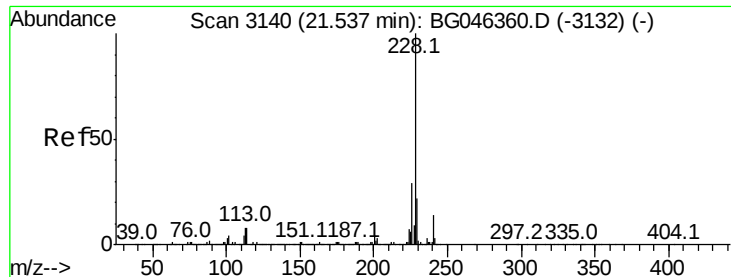


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

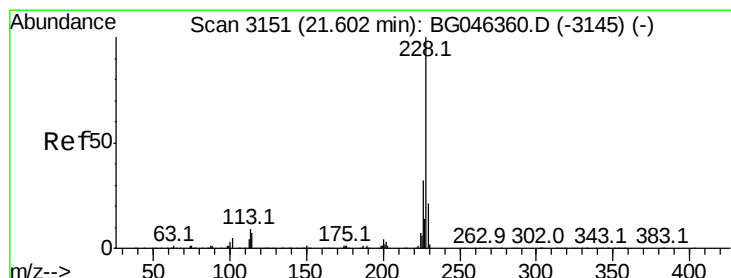
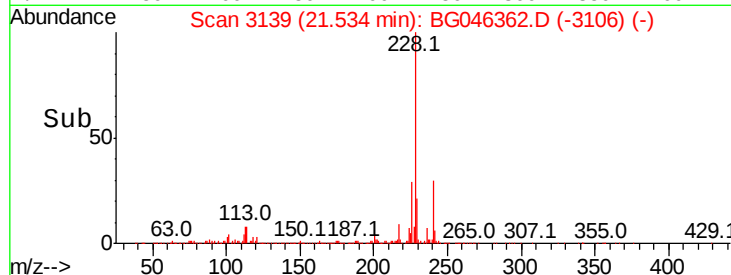
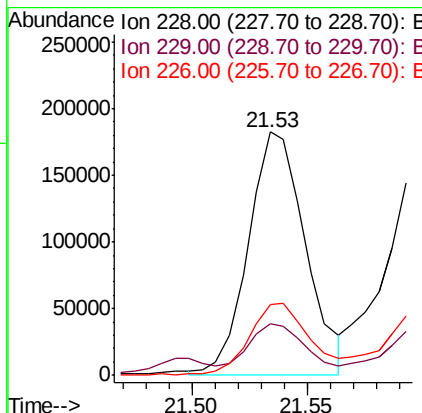
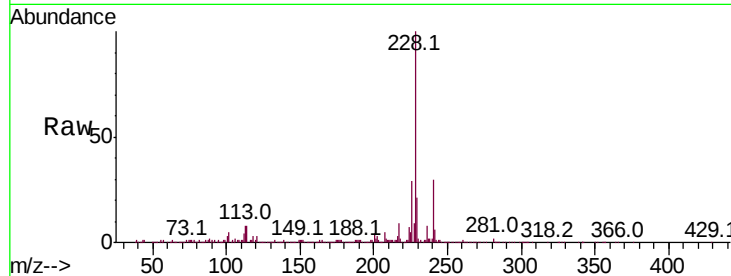




#21
Benzo(a)anthracene
Concen: 6.642 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

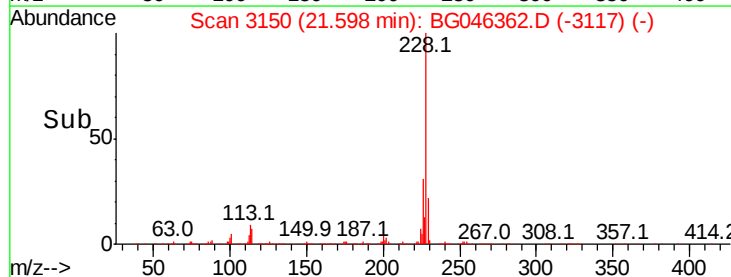
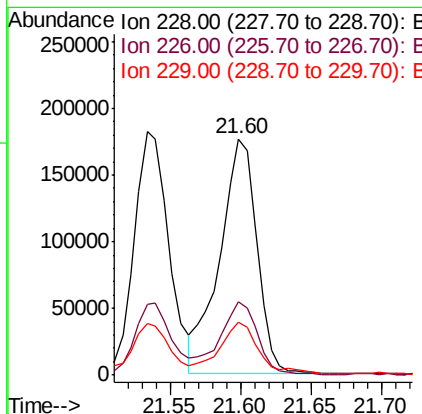
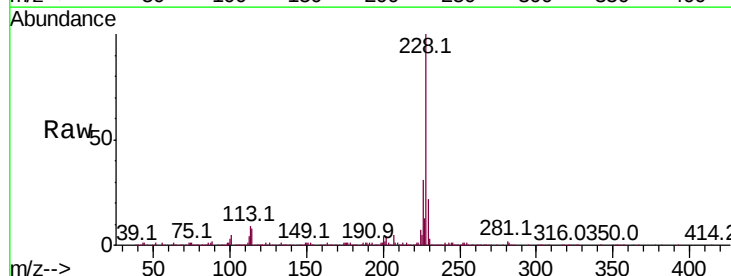
Instrument :
BNA_G
ClientSampleId :
BFME7

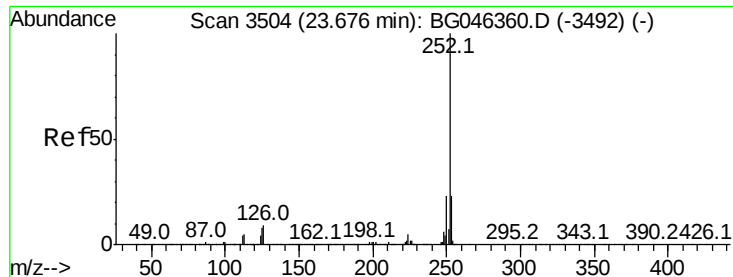
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	28.9	22.6	33.8



#22
Chrysene
Concen: 7.125 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG046362.D
Acq: 20 Aug 2020 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	22.4	17.0	25.4





#24

Benzo(b)fluoranthene

Concen: 8.821 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

Instrument :

BNA_G

ClientSampleId :

BFME7

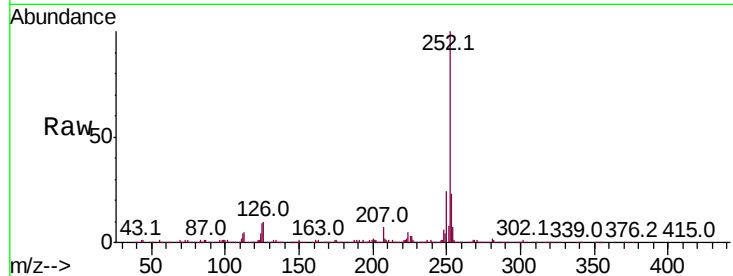
Tot Ion:252 Resp: 447708

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

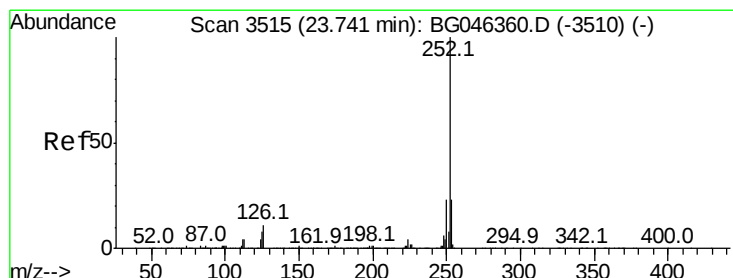
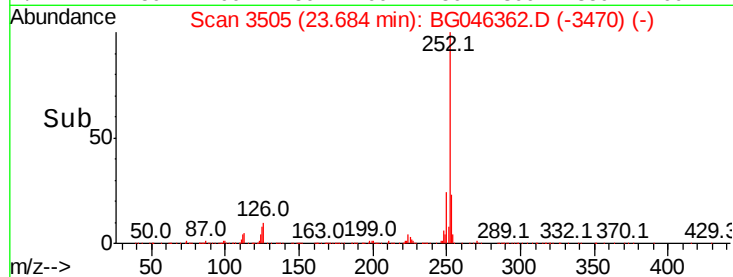
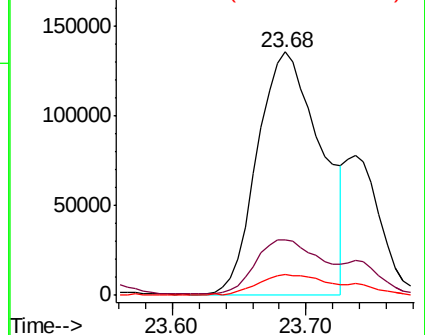
125 8.5 6.4 9.6



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: 8.892 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. -0.06 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

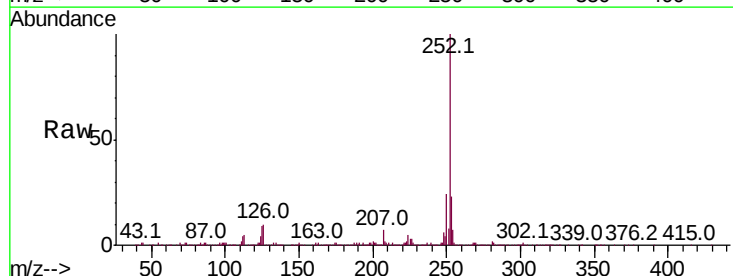
Tgt Ion:252 Resp: 447708

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

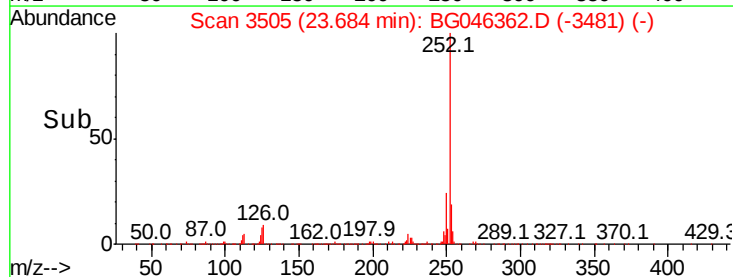
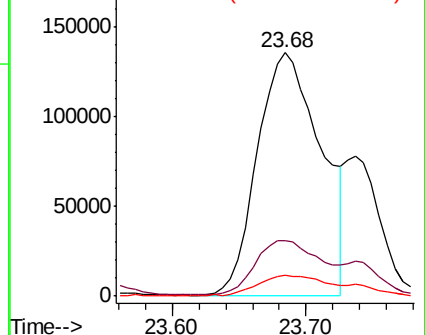
125 8.5 6.2 9.2

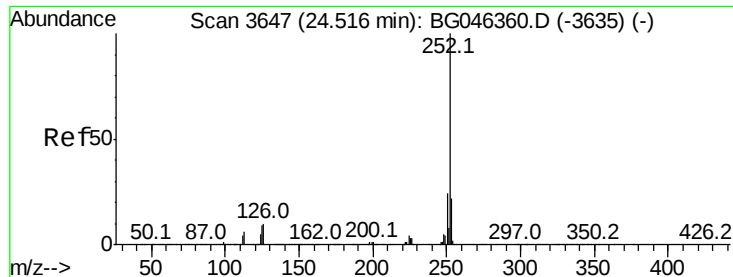


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 6.335 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

Instrument :

BNA_G

ClientSampleId :

BFME7

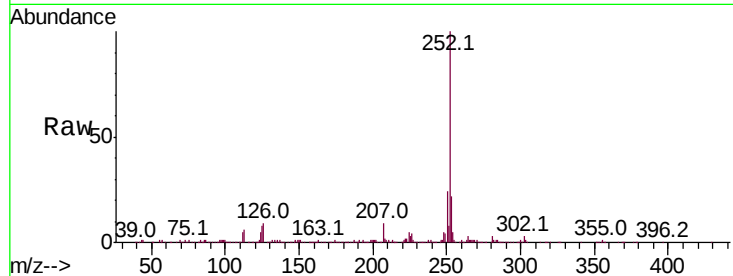
Tot Ion:252 Resp: 295178

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.1 7.1 10.7

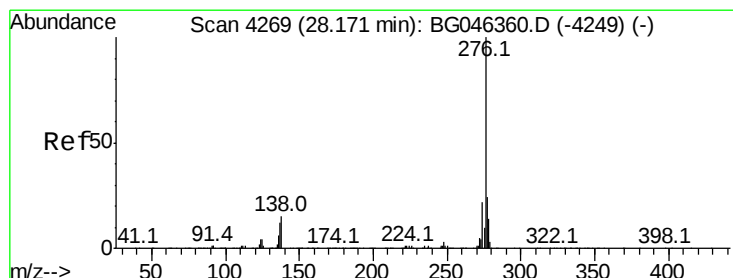
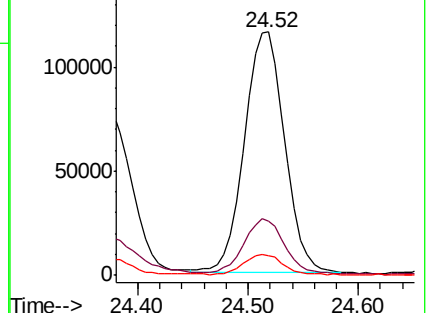
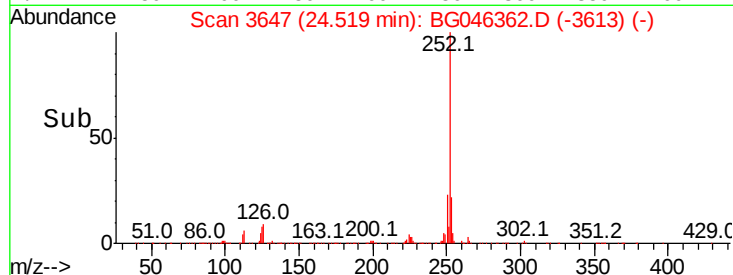


Abundance

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: 3.379 ng/ul

RT: 28.16 min Scan# 4267

Delta R.T. -0.01 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

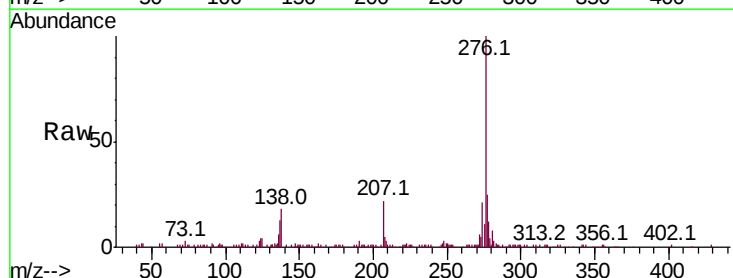
Tgt Ion:276 Resp: 197137

Ion Ratio Lower Upper

276 100

138 17.7 13.2 19.8

277 25.0 19.9 29.9

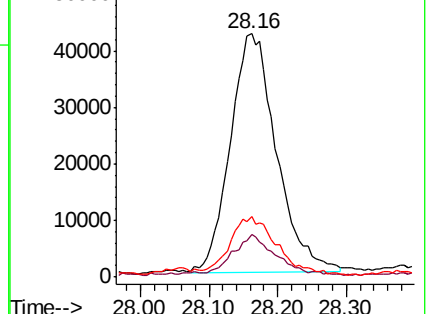
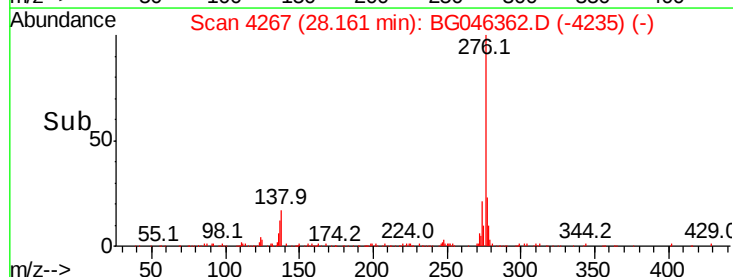


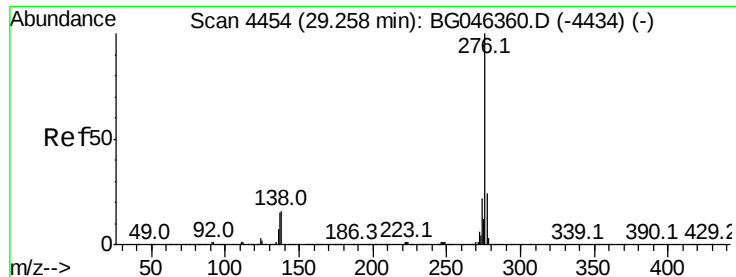
Abundance

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: 3.186 ng/ul

RT: 29.25 min Scan# 4453

Delta R.T. -0.00 min

Lab File: BG046362.D

Acq: 20 Aug 2020 2:48

Instrument :

BNA_G

ClientSampleId :

BFME7

Tot Ion:276 Resp: 155572

Ion Ratio Lower Upper

276 100

138 13.7 12.9 19.3

277 25.5 19.4 29.0

