

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046366.D
 Acq On : 20 Aug 2020 5:29
 Operator : CG/JU
 Sample : L3633-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMA3

Quant Time: Aug 20 06:47:38 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

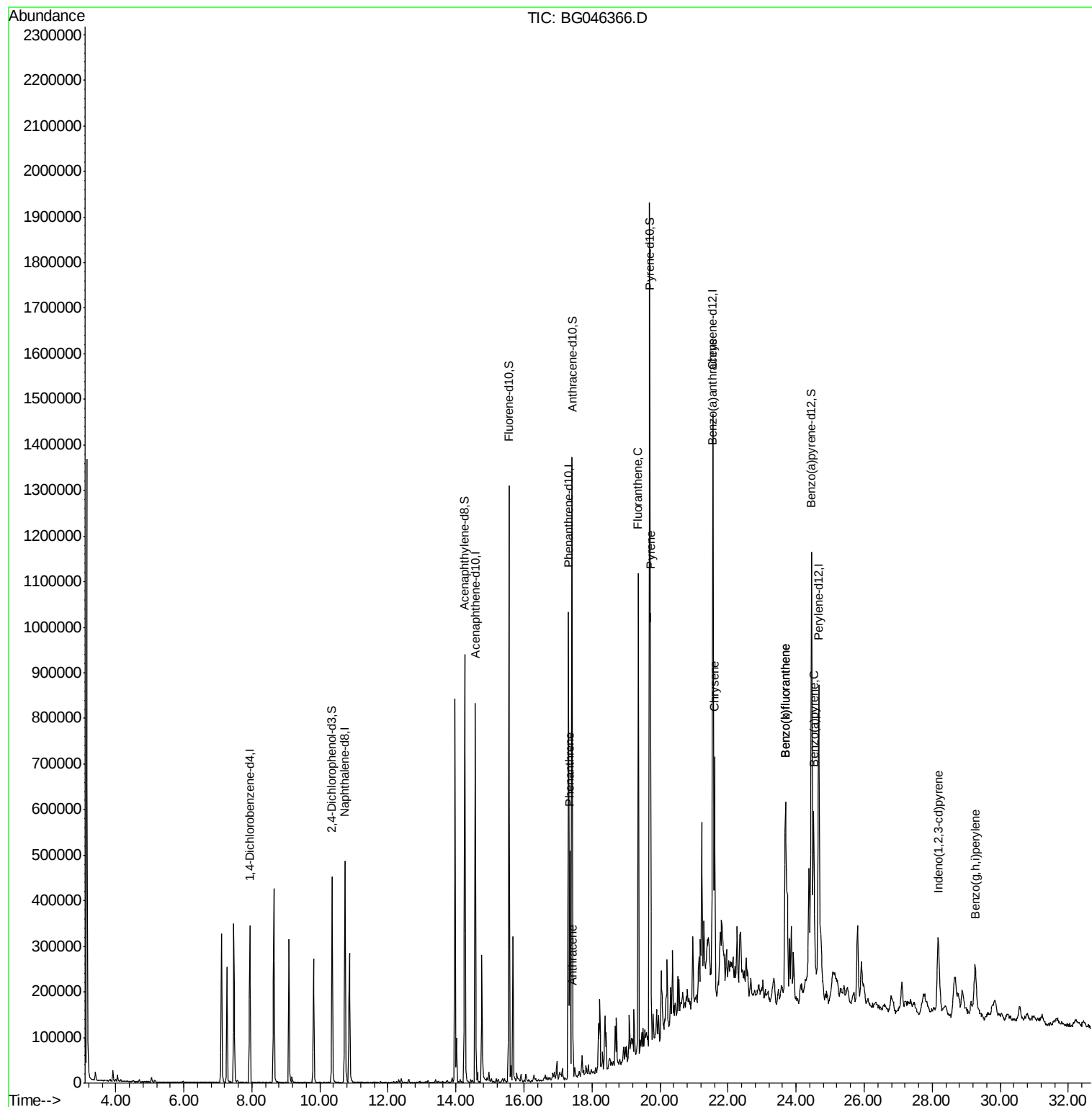
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	107928	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	439950	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	290074	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	667337	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	668397	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	713005	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	199019	26.27	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	729745	27.34	ng/ul	0.00
10) Fluorene-d10	15.56	176	557730	27.26	ng/ul	0.00
15) Anthracene-d10	17.41	188	826767	26.73	ng/ul	0.00
19) Pyrene-d10	19.69	212	956109	27.79	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	1072612	27.57	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	317978	8.661	ng/ul	99
16) Anthracene	17.44	178	49853	1.346	ng/ul	97
17) Fluoranthene	19.36	202	650078	15.880	ng/ul	99
20) Pyrene	19.72	202	600924	13.697	ng/ul	97
21) Benzo(a)anthracene	21.54	228	357048	8.210	ng/ul	96
22) Chrysene	21.60	228	384131	9.137	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	578386	12.267	ng/ul	99
25) Benzo(k)fluoranthene	23.68	252	578386	12.366	ng/ul	100
27) Benzo(a)pyrene	24.52	252	402344	9.295	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	283626	5.233	ng/ul	100
30) Benzo(g,h,i)perylene	29.27	276	225931	4.981	ng/ul	99

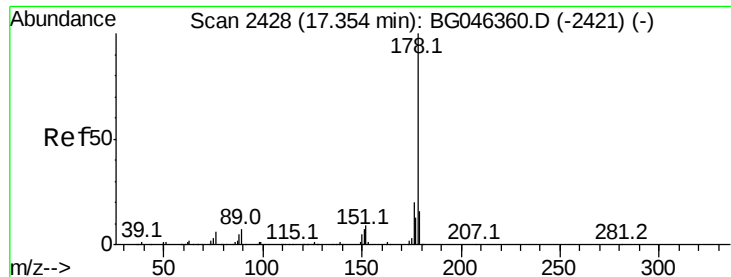
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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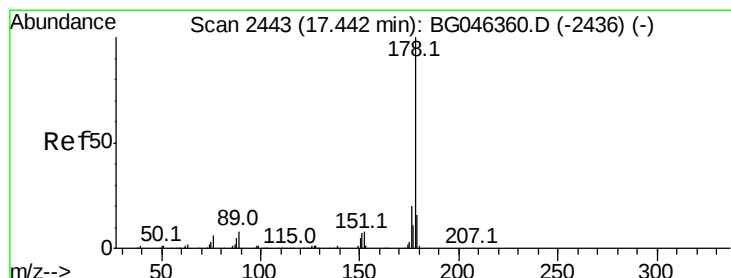
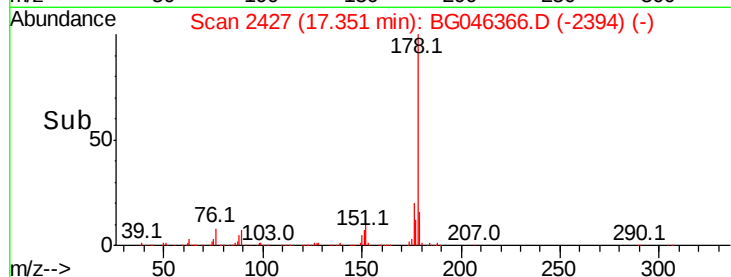
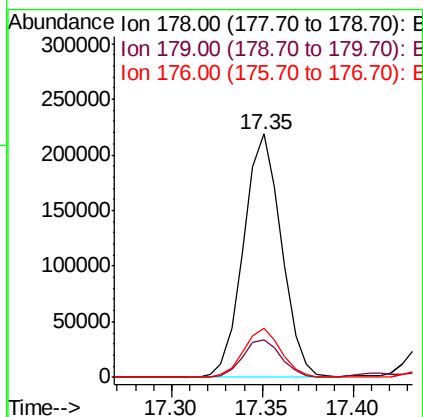
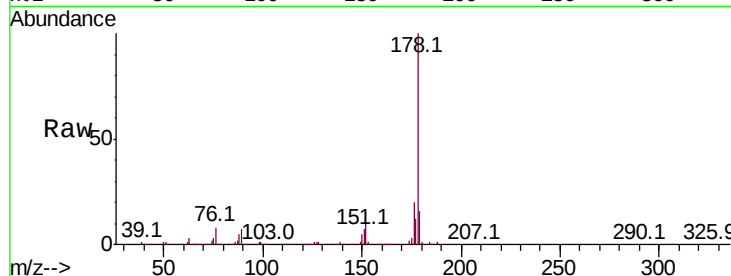




#14
Phenanthrene
Concen: 8.661 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

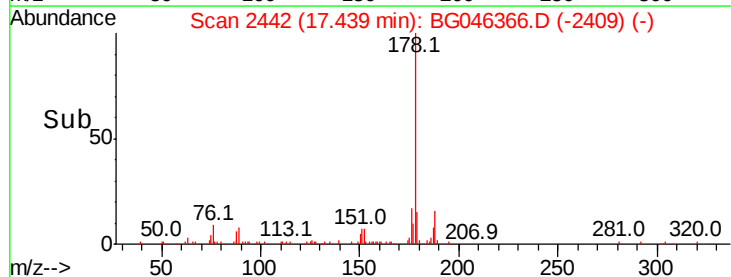
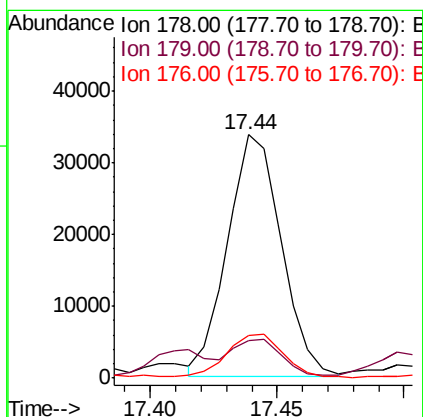
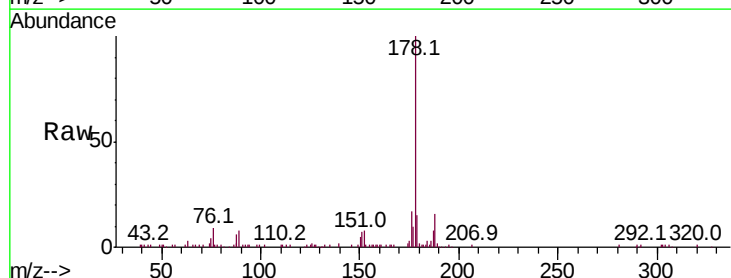
Instrument :
BNA_G
ClientSampleId :
BFMA3

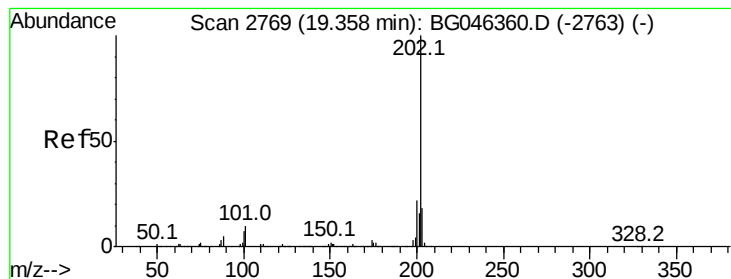
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	20.0	15.8	23.8



#16
Anthracene
Concen: 1.346 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046366.D
Acq: 20 Aug 2020 5:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.2	19.8
176	17.4	15.2	22.8





#17

Fluoranthene

Concen: 15.880 ng/ul

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

Instrument :

BNA_G

ClientSampleId :

BFMA3

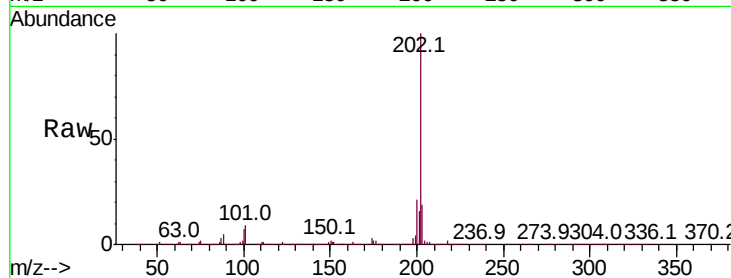
Tot Ion:202 Resp: 650078

Ion Ratio Lower Upper

202 100

101 9.2 7.8 11.6

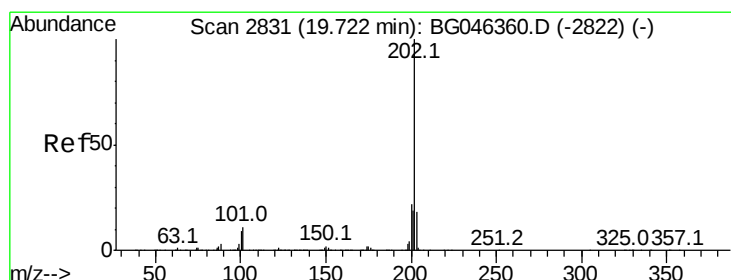
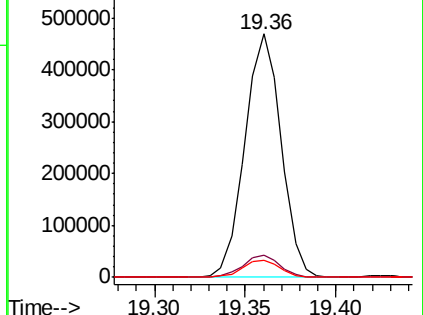
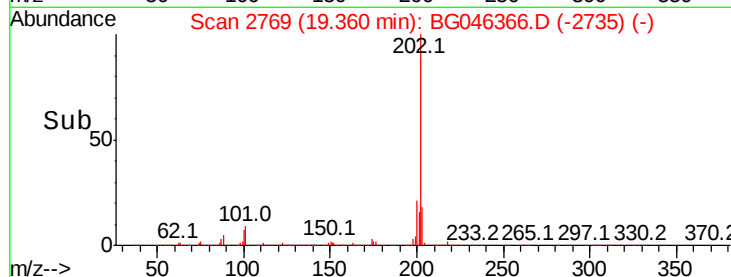
100 7.1 5.9 8.9



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: 13.697 ng/ul

RT: 19.72 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

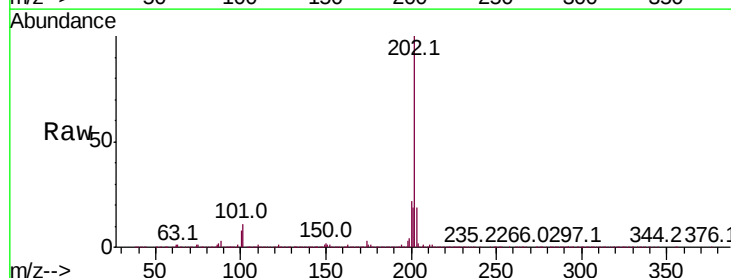
Tgt Ion:202 Resp: 600924

Ion Ratio Lower Upper

202 100

101 10.5 8.9 13.3

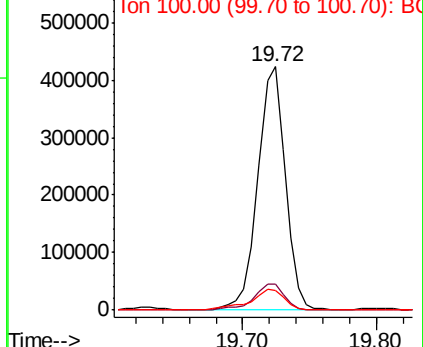
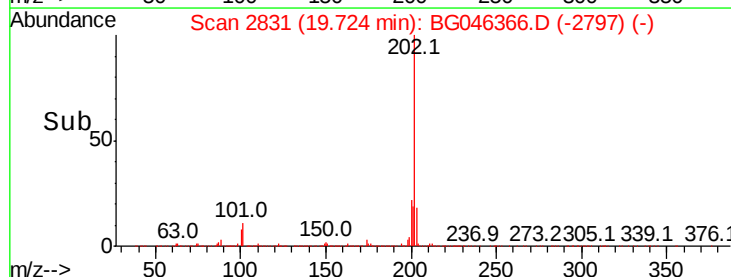
100 8.2 7.9 11.9

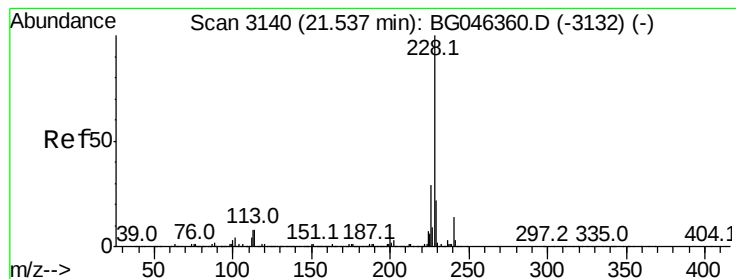


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 8.210 ng/ul

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

Instrument :

BNA_G

ClientSampleID :

BFMA3

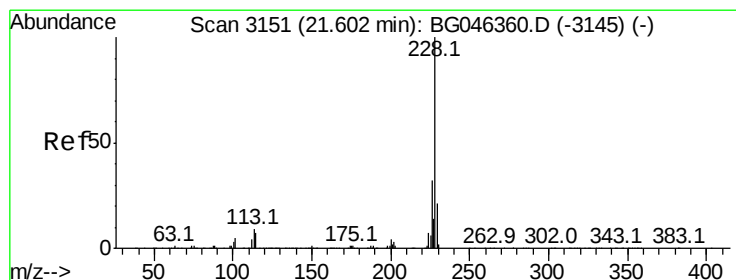
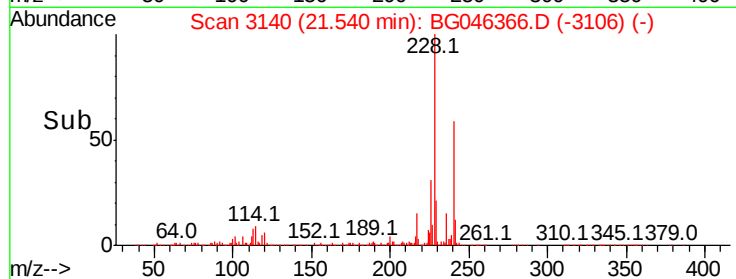
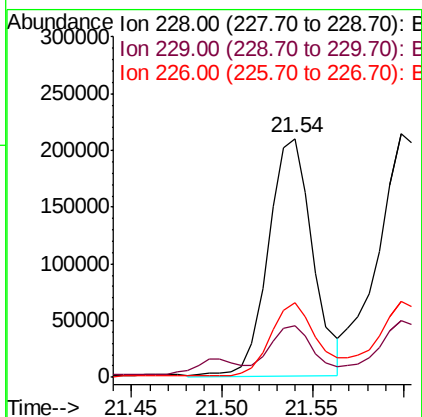
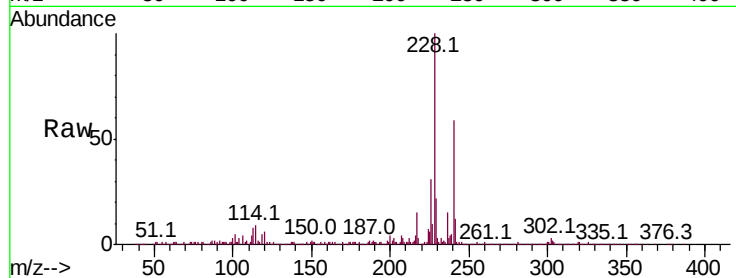
Tot Ion:228 Resp: 357048

Ion Ratio Lower Upper

228 100

229 21.9 16.6 25.0

226 31.3 22.6 33.8



#22

Chrysene

Concen: 9.137 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

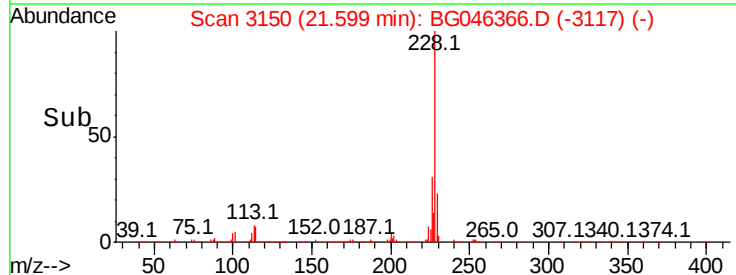
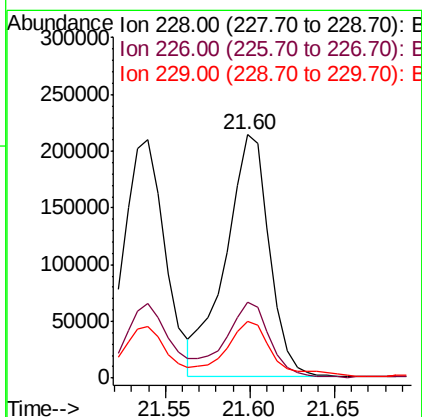
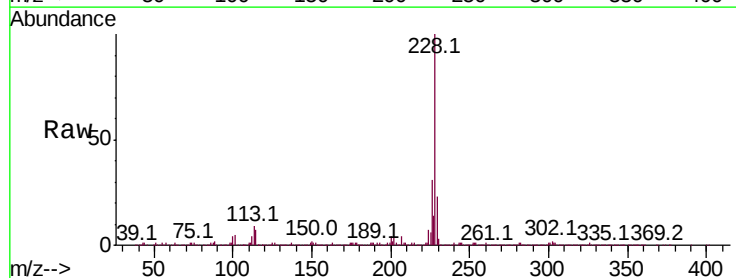
Tgt Ion:228 Resp: 384131

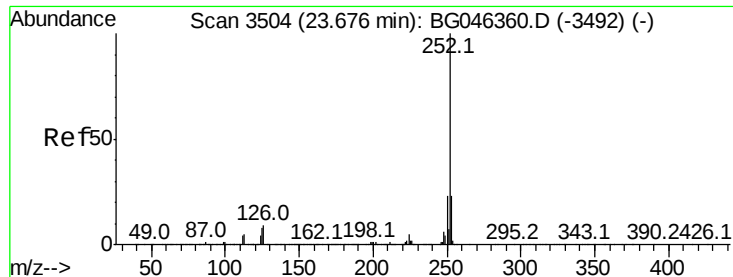
Ion Ratio Lower Upper

228 100

226 31.2 25.5 38.3

229 23.5 17.0 25.4





#24

Benzo(b)fluoranthene

Concen: 12.267 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

Instrument :

BNA_G

ClientSampleId :

BFMA3

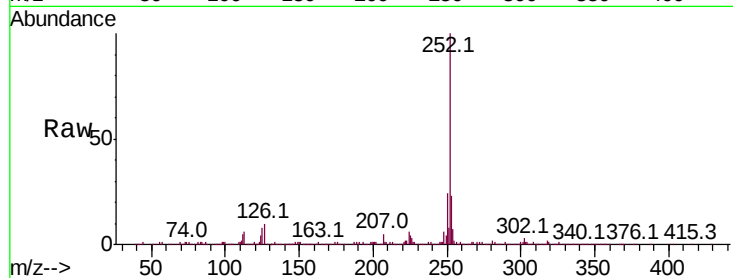
Tot Ion:252 Resp: 578386

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

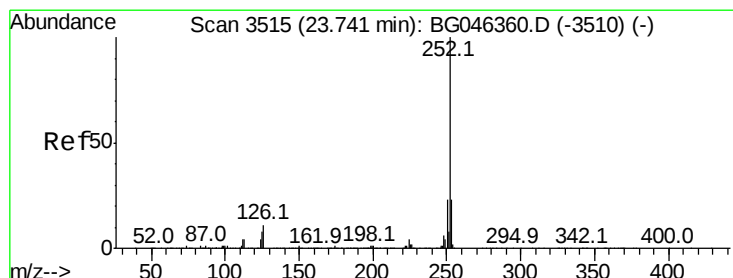
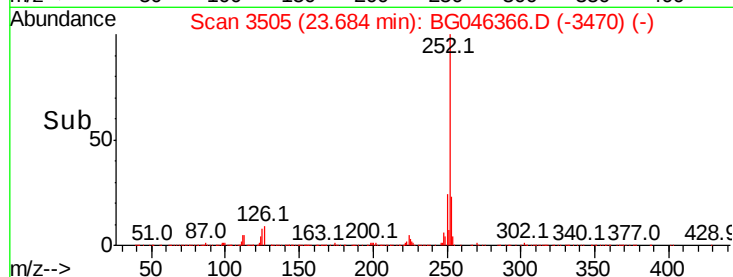
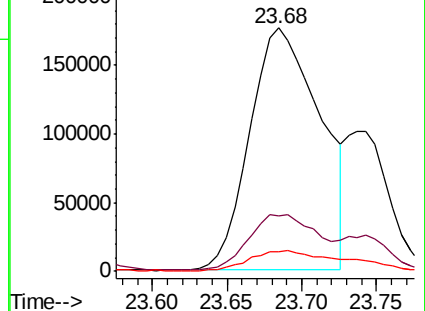
125 8.2 6.4 9.6



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: 12.366 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. -0.06 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

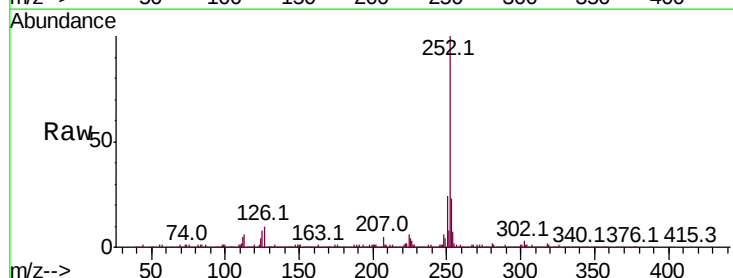
Tgt Ion:252 Resp: 578386

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

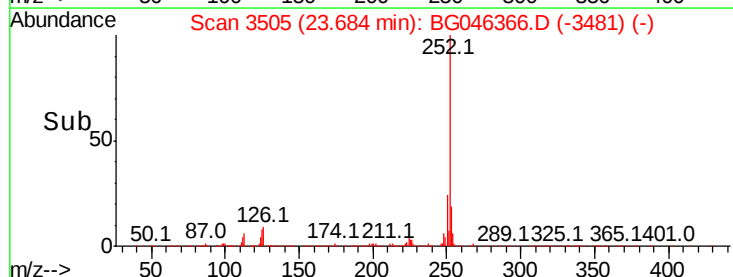
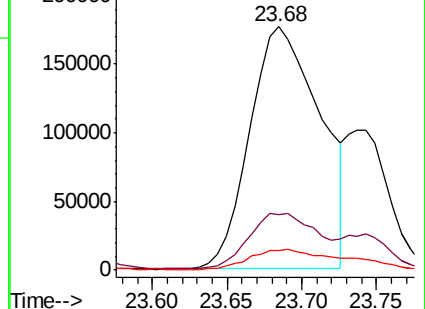
125 8.2 6.2 9.2

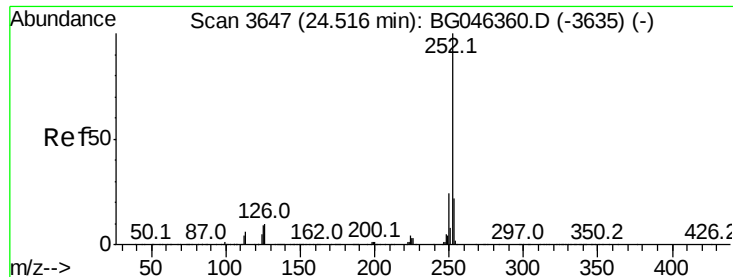


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 9.295 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

Instrument :

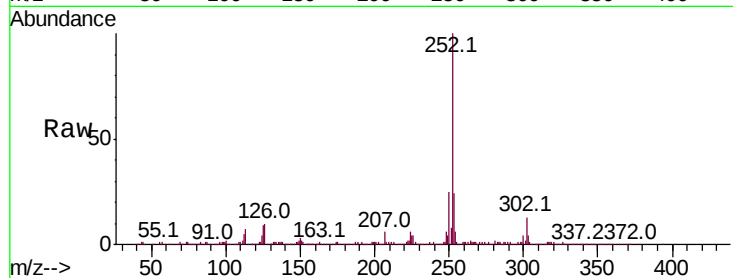
BNA_G

ClientSampleId :

BFMA3

Tot Ion:252 Resp: 402344

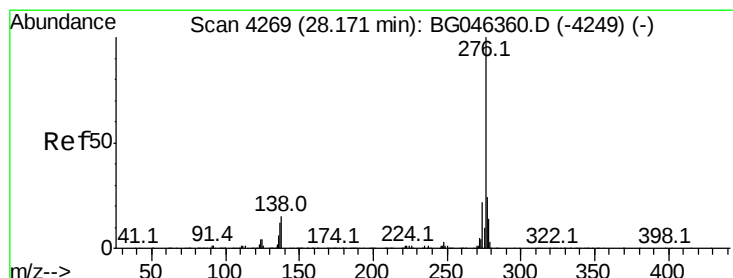
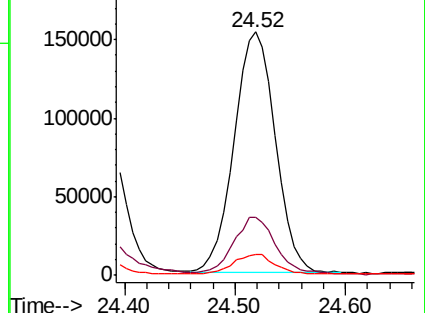
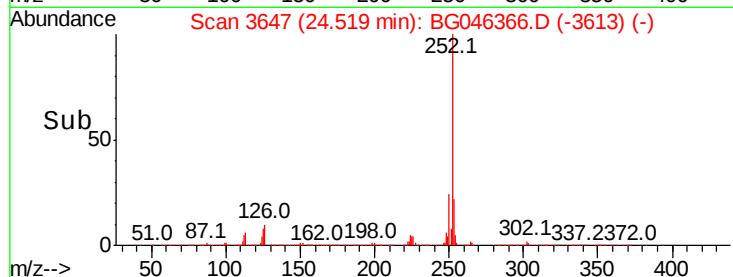
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	8.6	7.1	10.7



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: 5.233 ng/ul

RT: 28.18 min Scan# 4270

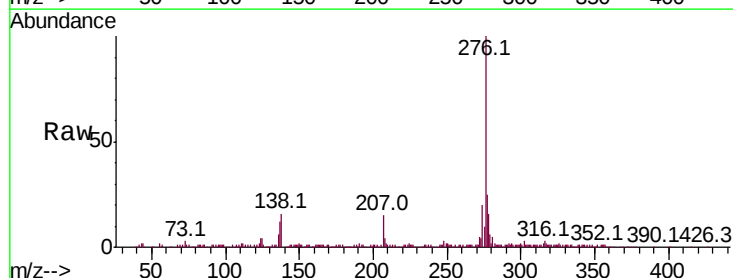
Delta R.T. 0.01 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

Tgt Ion:276 Resp: 283626

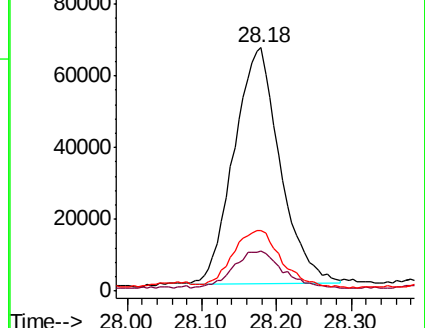
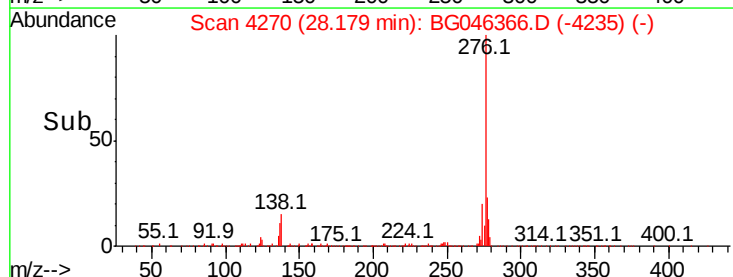
Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.2	19.8
277	25.1	19.9	29.9

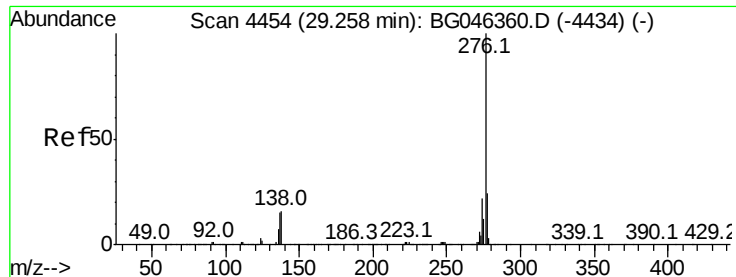


Abundance Ion 276.00 (275.70 to 276.70): E

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: 4.981 ng/ul

RT: 29.27 min Scan# 4455

Delta R.T. 0.01 min

Lab File: BG046366.D

Acq: 20 Aug 2020 5:29

Instrument :

BNA_G

ClientSampleId :

BFMA3

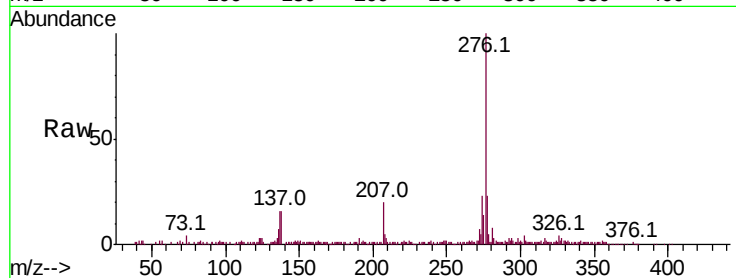
Tot Ion:276 Resp: 225931

Ion Ratio Lower Upper

276 100

138 15.9 12.9 19.3

277 23.4 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

