

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046336.D
 Acq On : 18 Aug 2020 20:33
 Operator : CG/JU
 Sample : L3636-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMN7

Quant Time: Aug 19 01:10:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 00:56:05 2020
 Response via : Initial Calibration

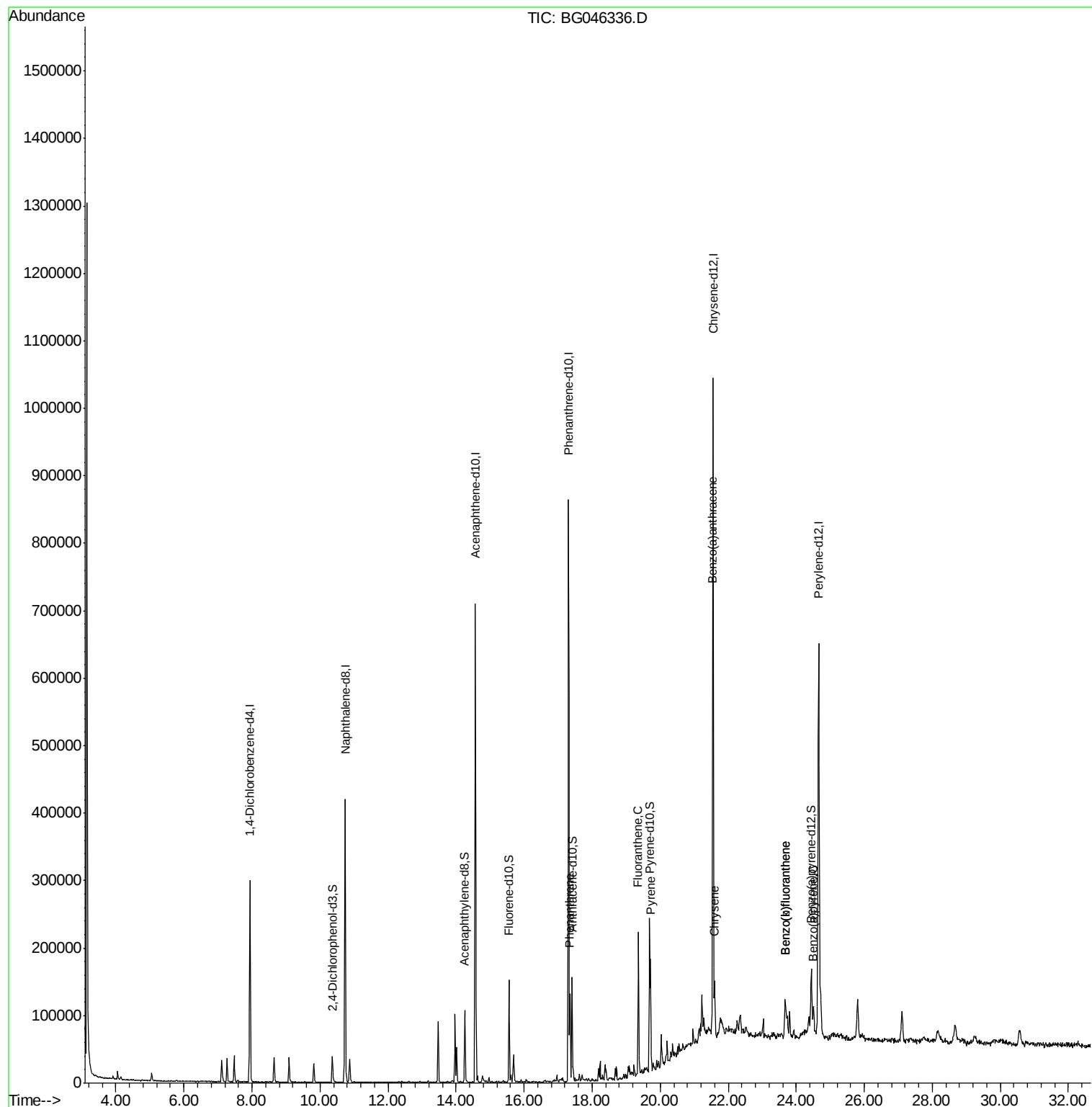
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	97252	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	386227	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	258140	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	579146	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	586536	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	614490	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	20369	3.06	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	80187	3.38	ng/ul	0.00
10) Fluorene-d10	15.56	176	67670	3.72	ng/ul	0.00
15) Anthracene-d10	17.41	188	94143	3.51	ng/ul	0.00
19) Pyrene-d10	19.69	212	103793	3.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	102313	3.05	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	83692	2.627	ng/ul	98
17) Fluoranthene	19.36	202	127003	3.575	ng/ul	96
20) Pyrene	19.72	202	103631	2.692	ng/ul	98
21) Benzo(a)anthracene	21.54	228	59070	1.548	ng/ul	98
22) Chrysene	21.60	228	59743	1.619	ng/ul	93
24) Benzo(b)fluoranthene	23.68	252	72869	1.793	ng/ul	94
25) Benzo(k)fluoranthene	23.68	252	72869	1.808	ng/ul	95
27) Benzo(a)pyrene	24.51	252	42383	1.136	ng/ul	98

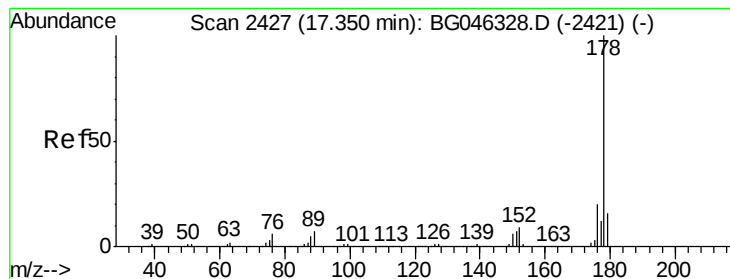
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 2.627 ng/ul

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG046336.D

Acq: 18 Aug 2020 20:33

Instrument :

BNA_G

ClientSampleId :

BFMN7

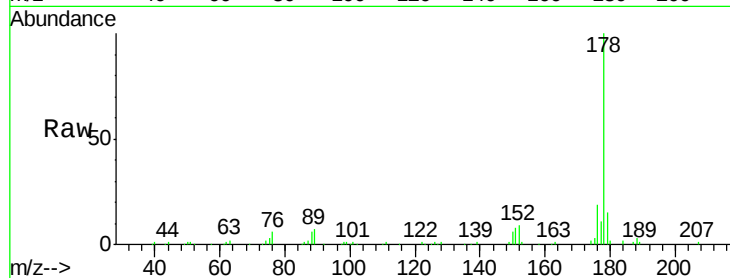
Tot Ion:178 Resp: 83692

Ion Ratio Lower Upper

178 100

179 15.0 12.8 19.2

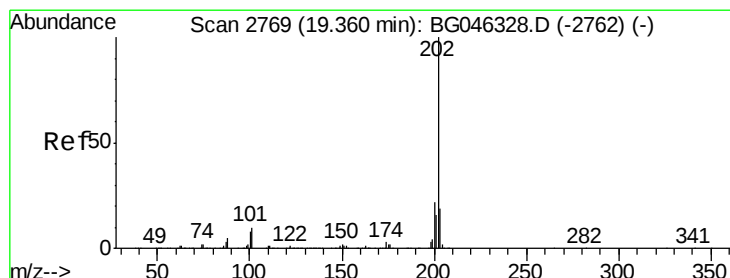
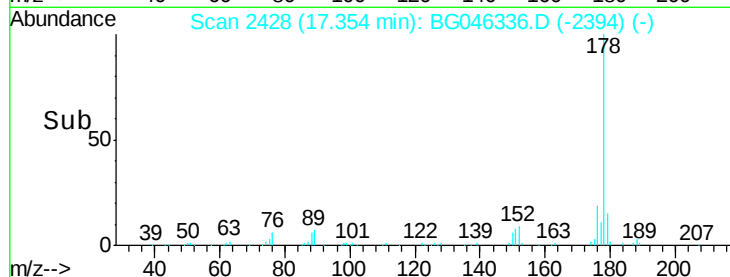
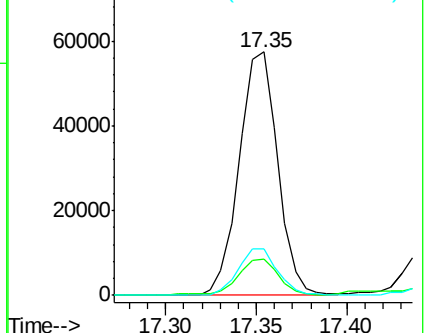
176 19.0 15.8 23.8



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: 3.575 ng/ul

RT: 19.36 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG046336.D

Acq: 18 Aug 2020 20:33

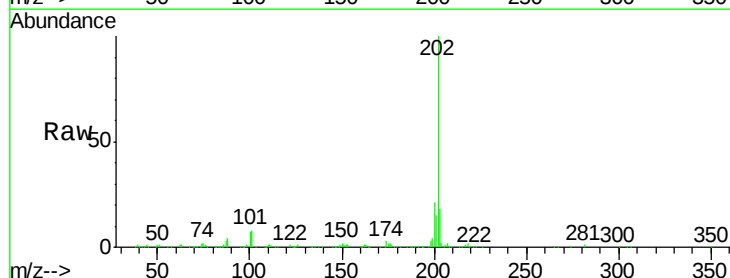
Tgt Ion:202 Resp: 127003

Ion Ratio Lower Upper

202 100

101 7.9 7.8 11.6

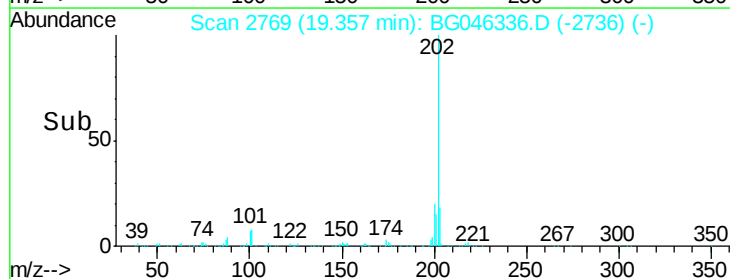
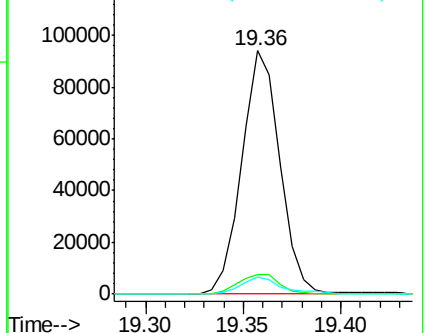
100 6.8 5.9 8.9

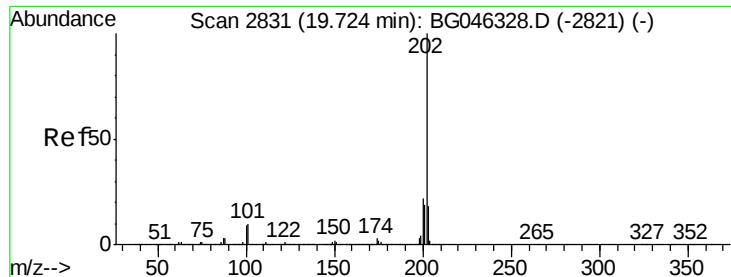


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

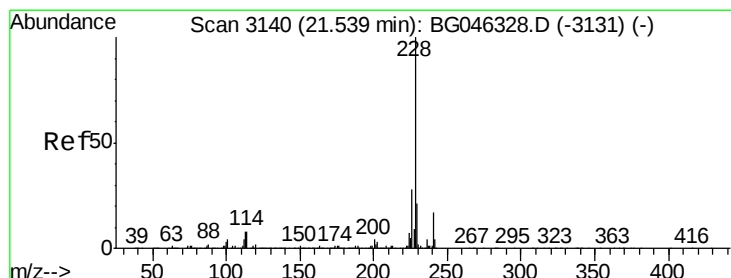
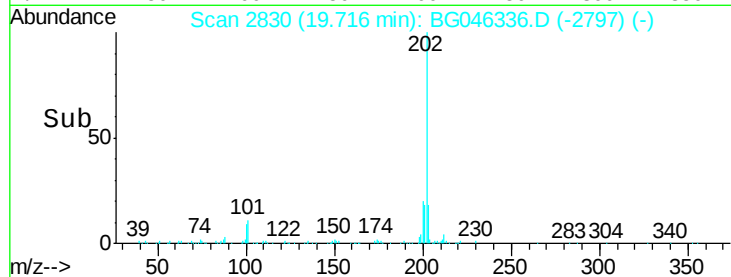
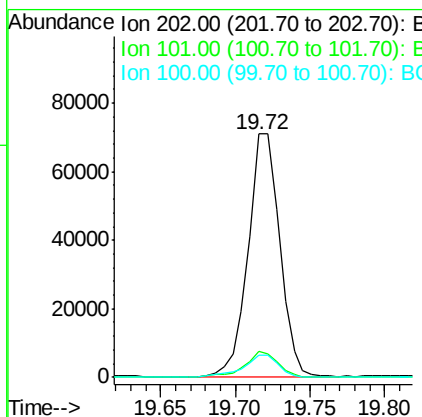
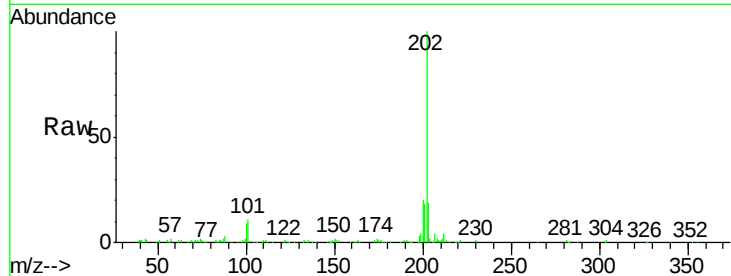




#20
Pvrene
Concen: 2.692 ng/ul
RT: 19.72 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BG046336.D
Acq: 18 Aug 2020 20:33

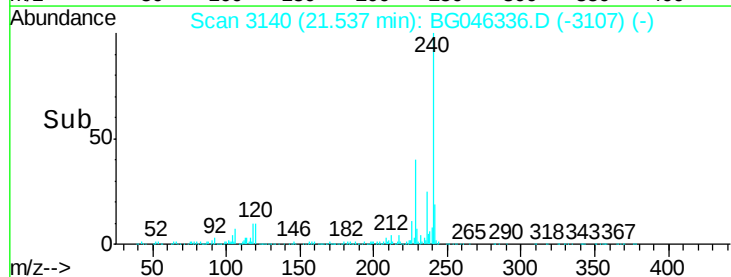
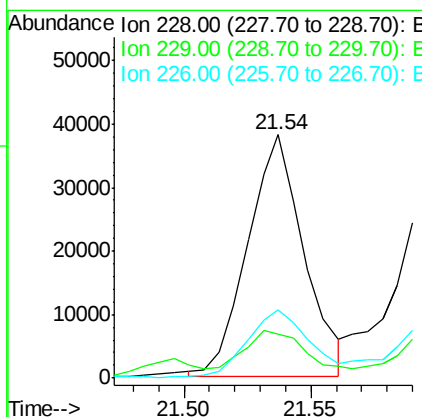
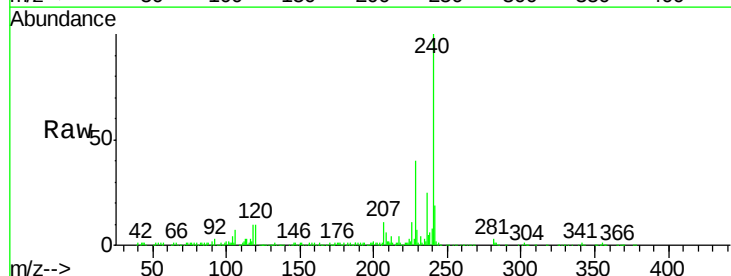
Instrument :
BNA_G
ClientSampleId :
BFMN7

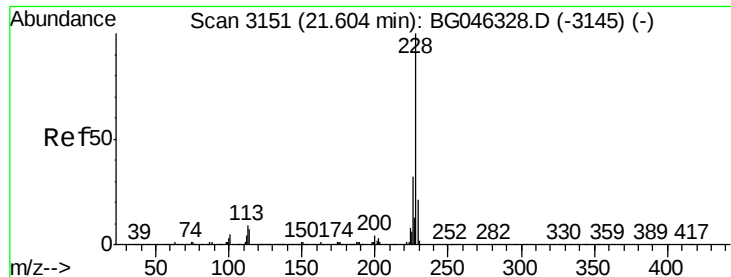
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
100	9.2	7.9	11.9



#21
Benzo(a)anthracene
Concen: 1.548 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046336.D
Acq: 18 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.1	16.6	25.0
226	28.2	22.6	33.8





#22

Chrysene

Concen: 1.619 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG046336.D

Acq: 18 Aug 2020 20:33

Instrument :

BNA_G

ClientSampled :

BFMN7

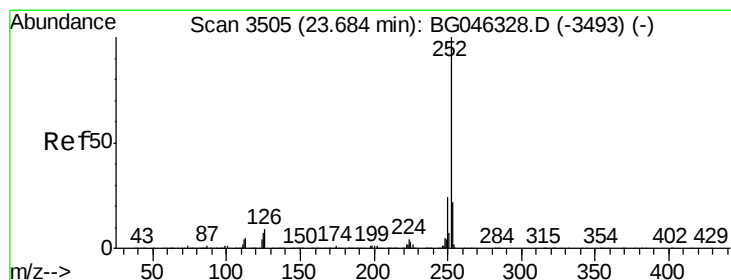
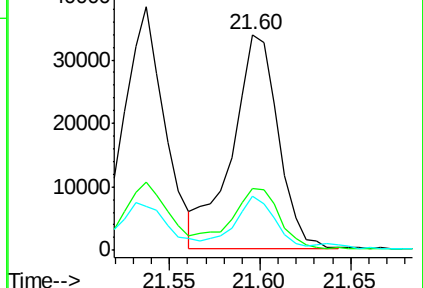
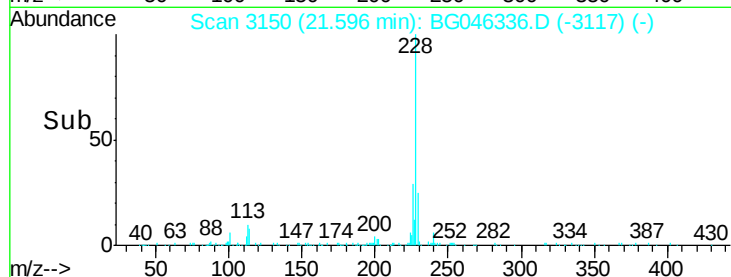
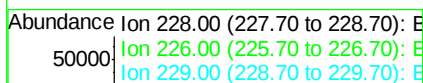
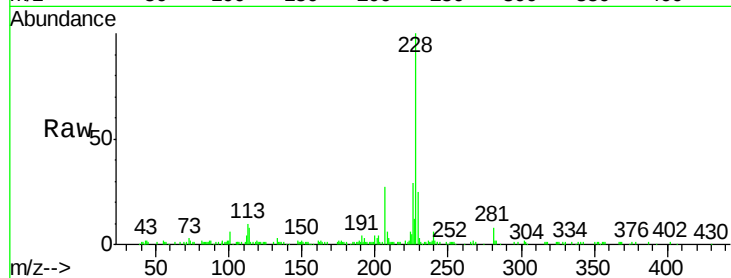
Tot Ion:228 Resp: 59743

Ion Ratio Lower Upper

228 100

226 28.7 25.5 38.3

229 25.3 17.0 25.4



#24

Benzo(b)fluoranthene

Concen: 1.793 ng/ul

RT: 23.68 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG046336.D

Acq: 18 Aug 2020 20:33

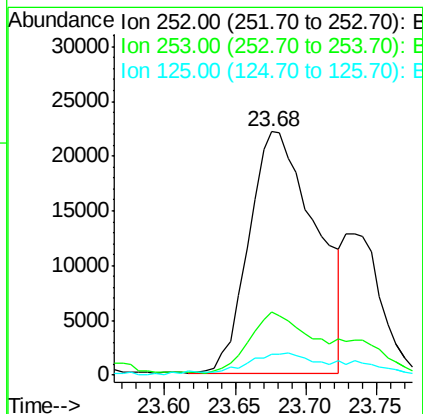
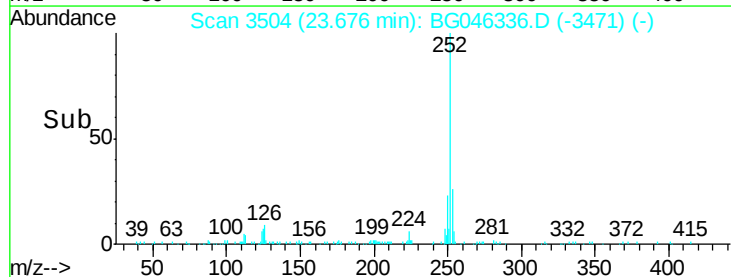
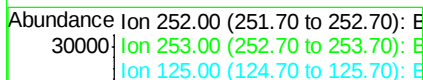
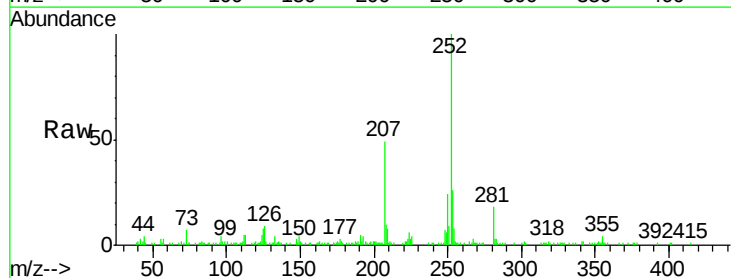
Tgt Ion:252 Resp: 72869

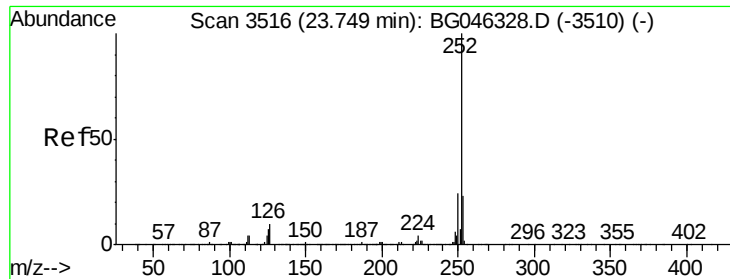
Ion Ratio Lower Upper

252 100

253 26.2 17.8 26.6

125 8.5 6.4 9.6





#25

Benzo(k)fluoranthene

Concen: 1.808 ng/ul

RT: 23.68 min Scan# 3504

Delta R.T. -0.07 min

Lab File: BG046336.D

Acq: 18 Aug 2020 20:33

Instrument :

BNA_G

ClientSampleId :

BFMN7

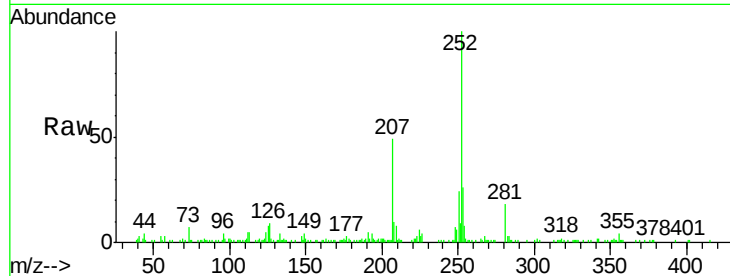
Tot Ion:252 Resp: 72869

Ion Ratio Lower Upper

252 100

253 26.2 18.5 27.7

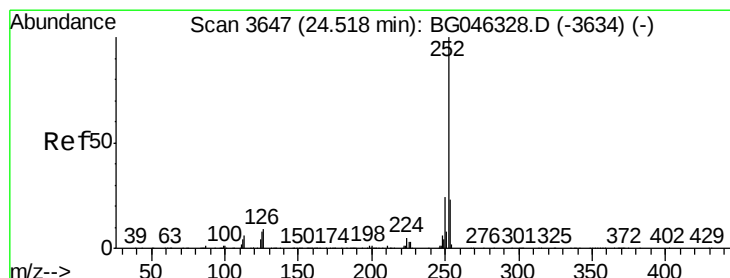
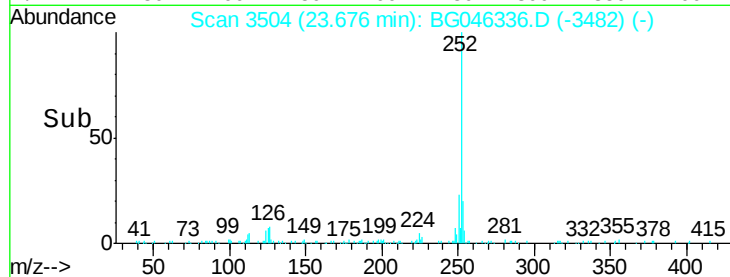
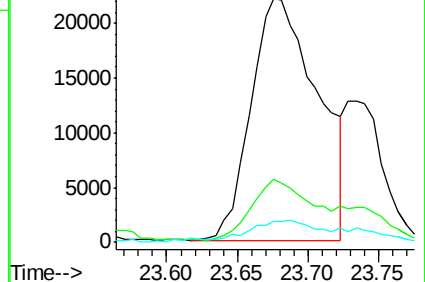
125 8.5 6.2 9.2



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: 1.136 ng/ul

RT: 24.51 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG046336.D

Acq: 18 Aug 2020 20:33

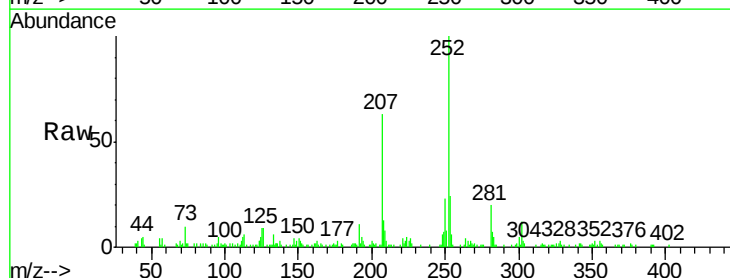
Tgt Ion:252 Resp: 42383

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

125 9.1 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

