

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046335.D
 Acq On : 18 Aug 2020 19:52
 Operator : CG/JU
 Sample : L3636-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK7

Quant Time: Aug 19 01:10:45 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

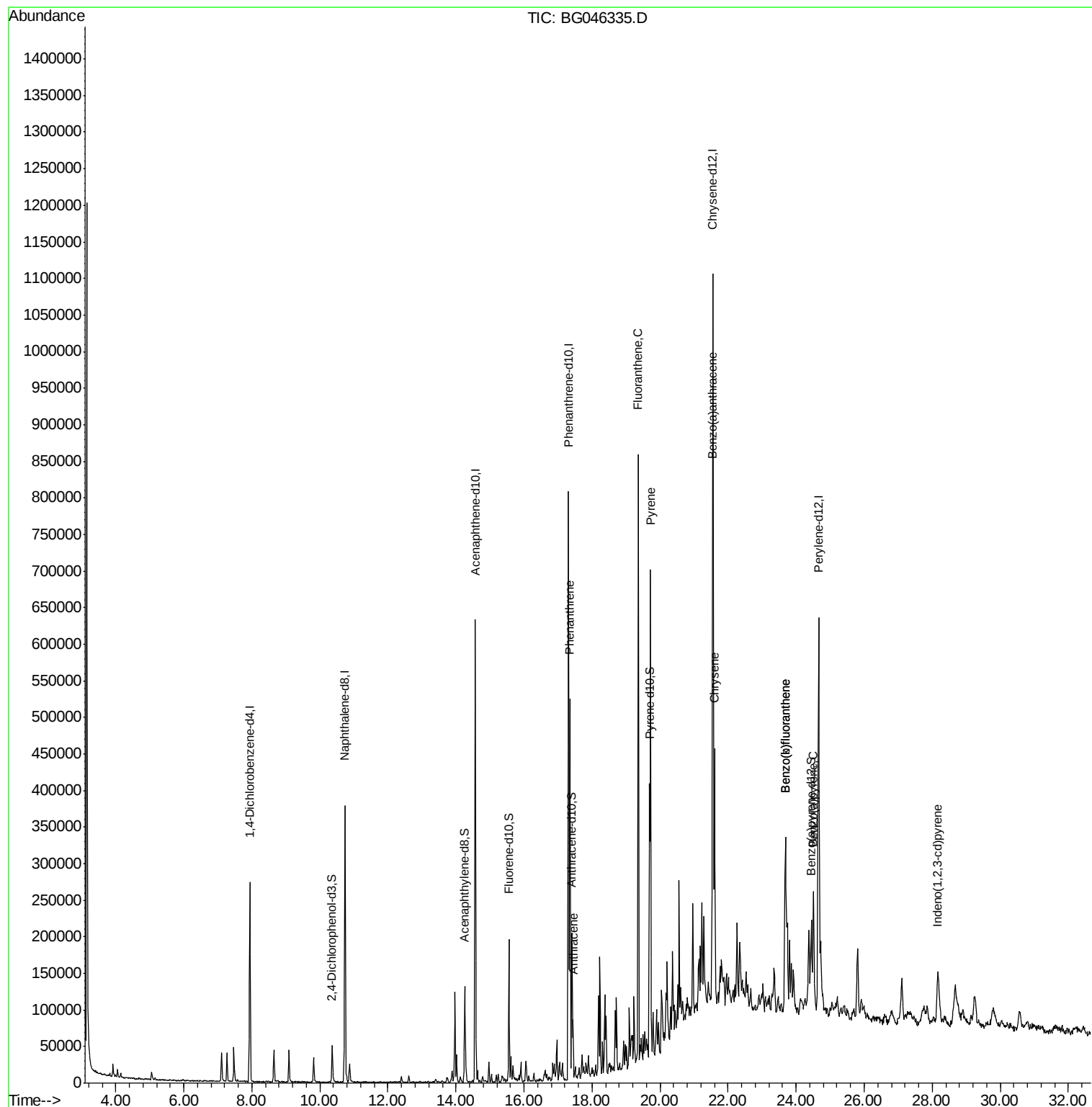
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	85974	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.74	136	342502	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.57	164	225510	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	519624	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	528573	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	565859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	24337	4.13	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	100495	4.84	ng/ul	0.00
10) Fluorene-d10	15.56	176	82572	5.19	ng/ul	0.00
15) Anthracene-d10	17.40	188	119317	4.95	ng/ul	-0.01
19) Pyrene-d10	19.69	212	132321	4.86	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	134092	4.34	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	328289	11.484	ng/ul	99
16) Anthracene	17.44	178	56456	1.957	ng/ul	99
17) Fluoranthene	19.36	202	509256	15.977	ng/ul	98
20) Pyrene	19.72	202	417897	12.045	ng/ul	99
21) Benzo(a)anthracene	21.53	228	246082	7.155	ng/ul	99
22) Chrysene	21.60	228	250088	7.522	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	303667	8.115	ng/ul	99
25) Benzo(k)fluoranthene	23.68	252	303667	8.181	ng/ul	97
27) Benzo(a)pyrene	24.51	252	181270	5.277	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.16	276	120897	2.811	ng/ul	95

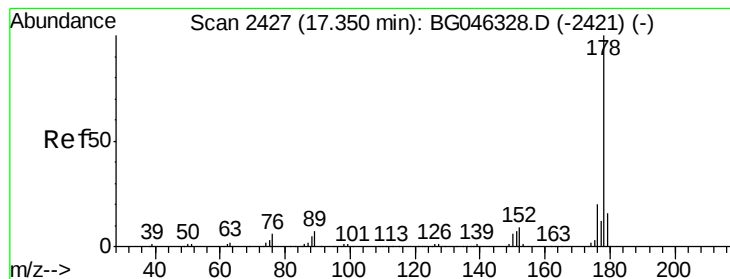
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Phenanthrene

Concen: 11.484 ng/ul

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

BFMK7

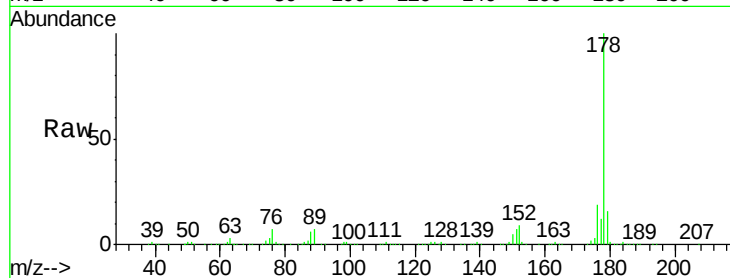
Tot Ion:178 Resp: 328289

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.3	15.8	23.8

178 100

179 15.7 12.8 19.2

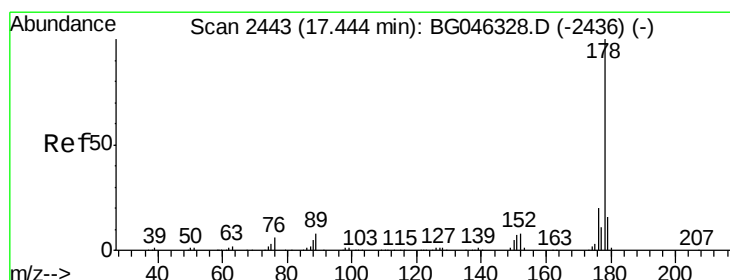
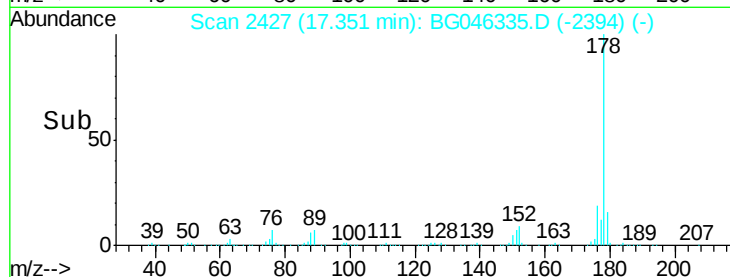
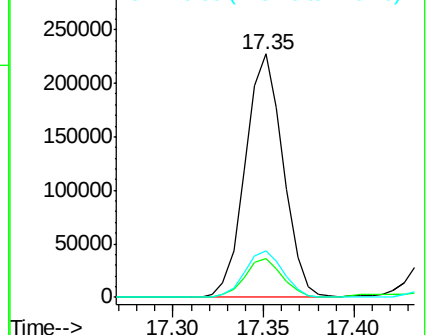
176 19.3 15.8 23.8



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



#16

Anthracene

Concen: 1.957 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

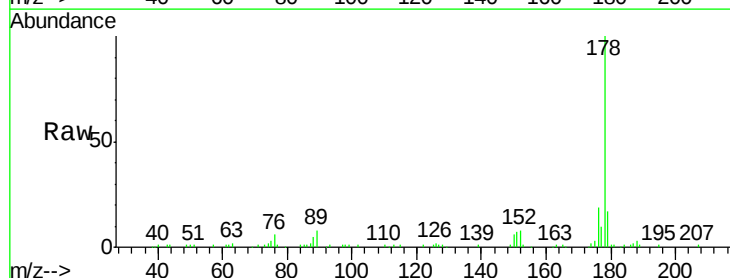
Tgt Ion:178 Resp: 56456

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	18.5	15.2	22.8

178 100

179 16.5 13.2 19.8

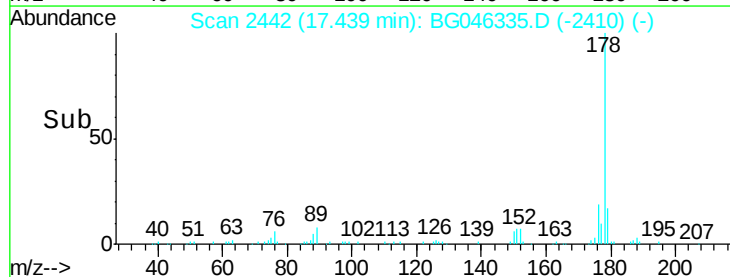
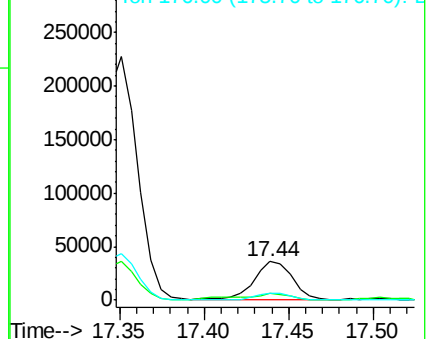
176 18.5 15.2 22.8

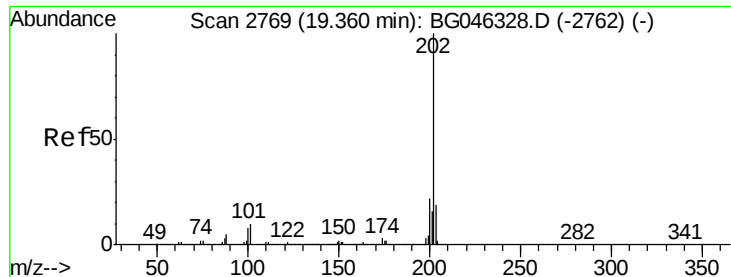


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

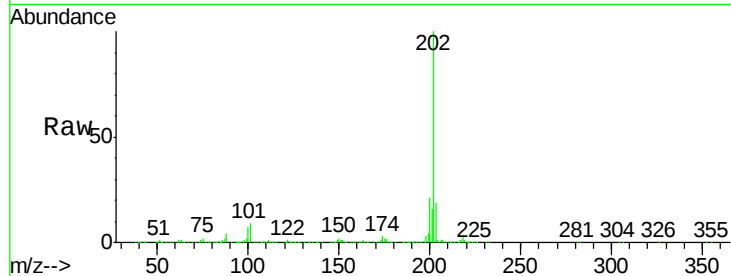




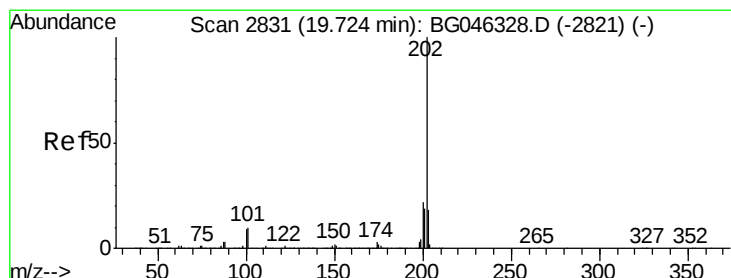
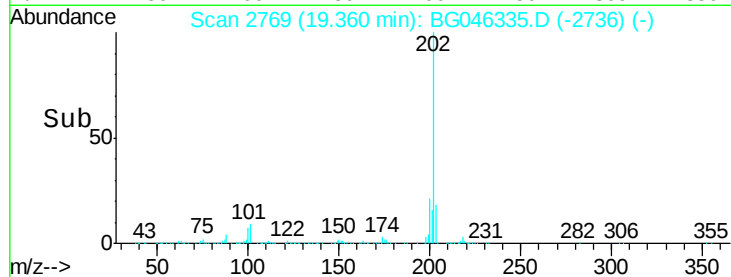
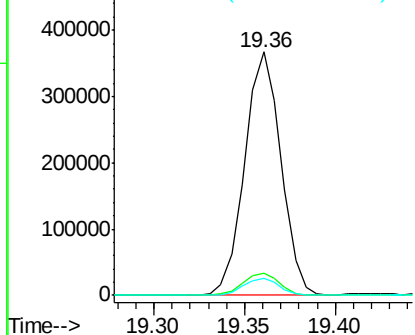
#17
Fluoranthene
 Concen: 15.977 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046335.D
 Acq: 18 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 BFMK7

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.8	11.6
100	7.0	5.9	8.9

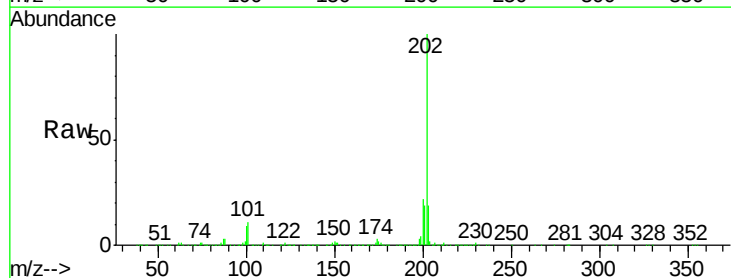


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

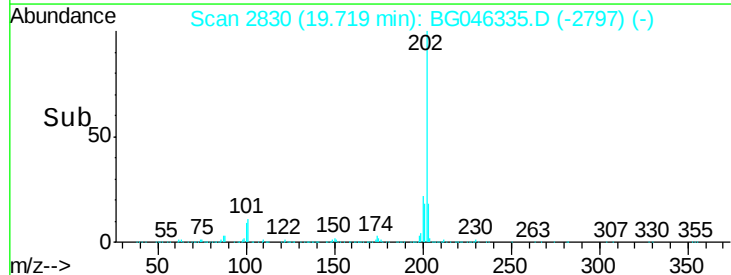
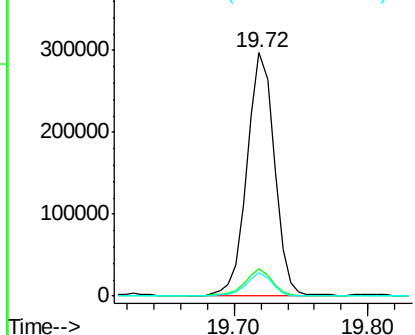


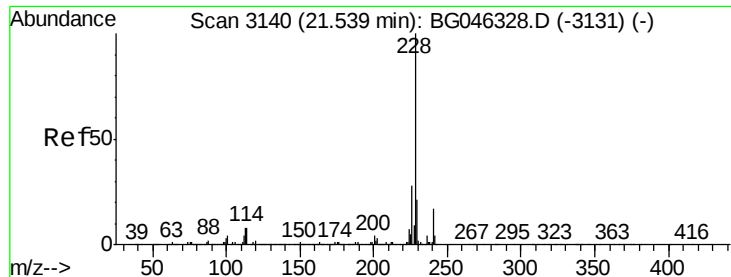
#20
Pyrene
 Concen: 12.045 ng/ul
 RT: 19.72 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BG046335.D
 Acq: 18 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	9.5	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

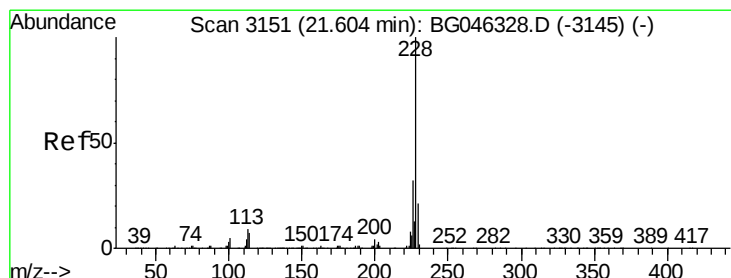
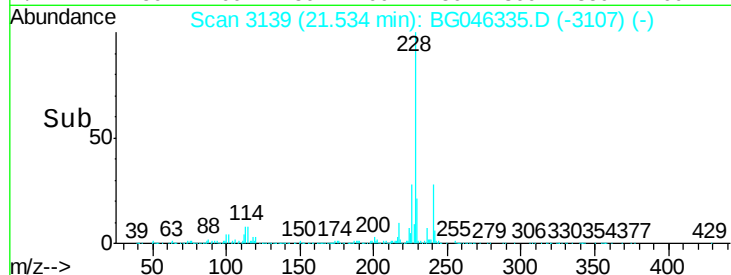
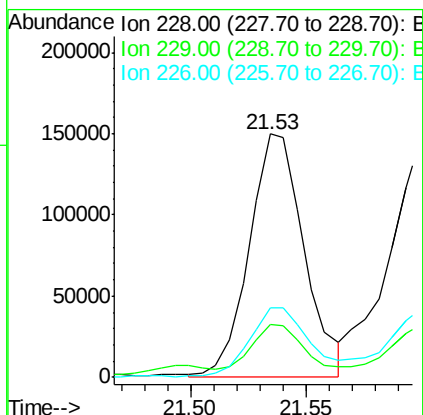
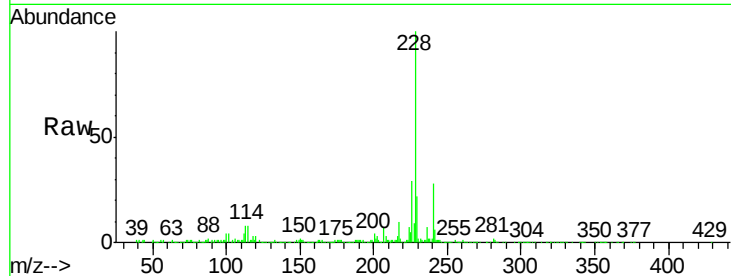




#21
Benzo(a)anthracene
Concen: 7.155 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

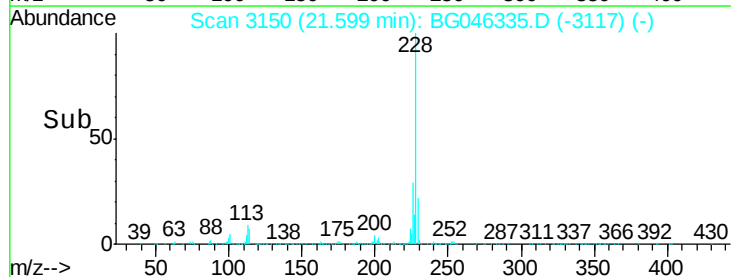
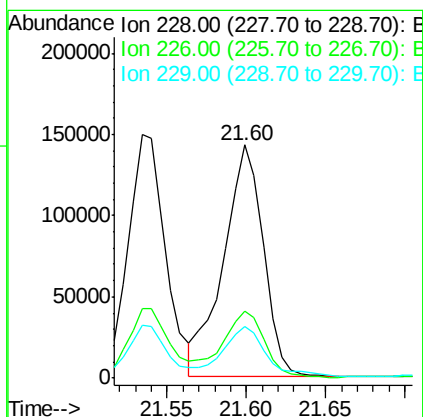
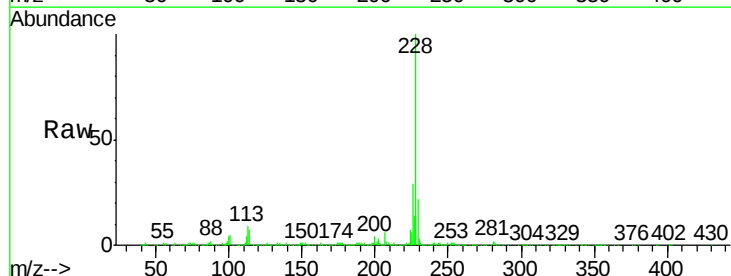
Instrument :
BNA_G
ClientSampleId :
BFMK7

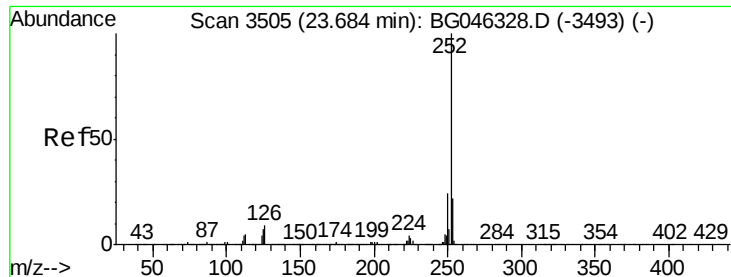
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	28.7	22.6	33.8



#22
Chrysene
Concen: 7.522 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG046335.D
Acq: 18 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.5	38.3
229	22.3	17.0	25.4





#24

Benzo(b)fluoranthene

Concen: 8.115 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

BFMK7

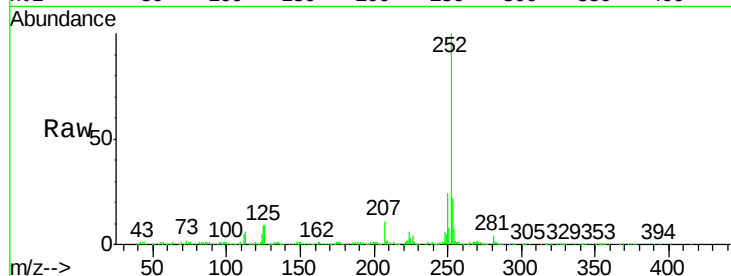
Tot Ion:252 Resp: 303667

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

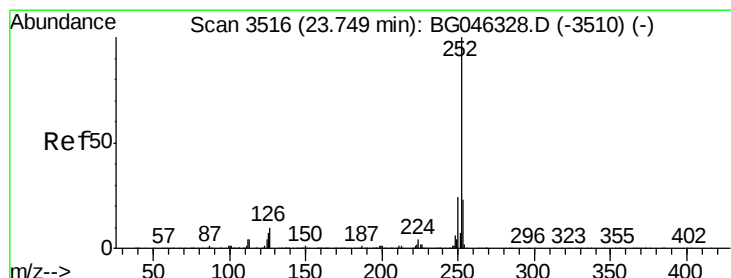
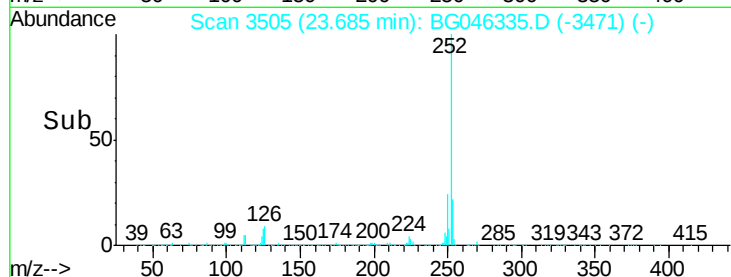
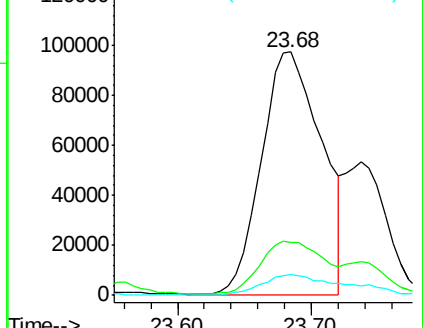
125 8.7 6.4 9.6



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: 8.181 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. -0.06 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

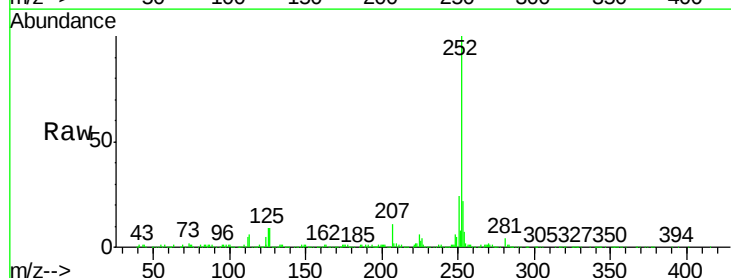
Tgt Ion:252 Resp: 303667

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

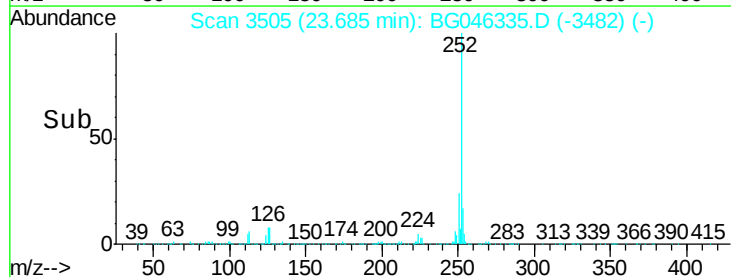
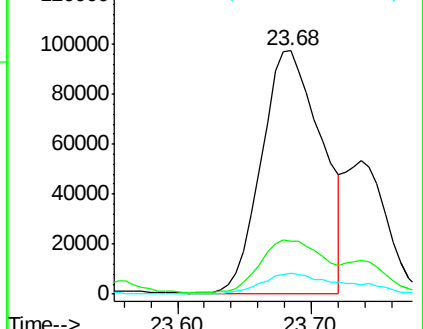
125 8.7 6.2 9.2

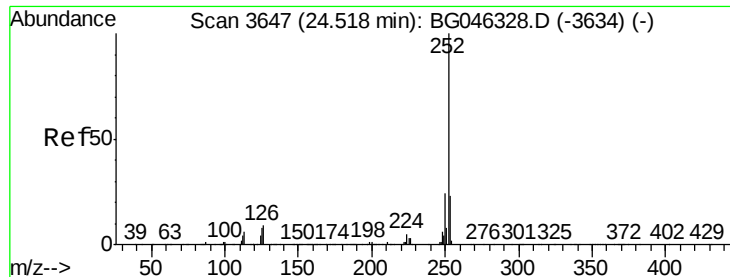


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 5.277 ng/ul

RT: 24.51 min Scan# 3645

Delta R.T. -0.02 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

BFMK7

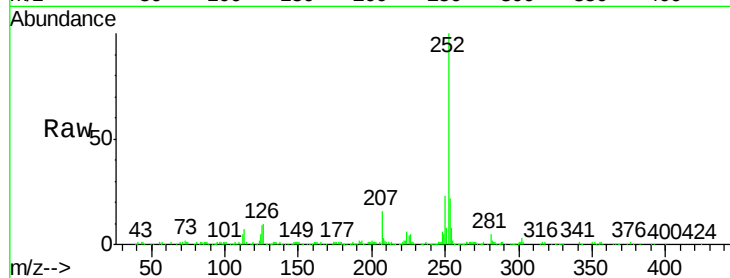
Tot Ion:252 Resp: 181270

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

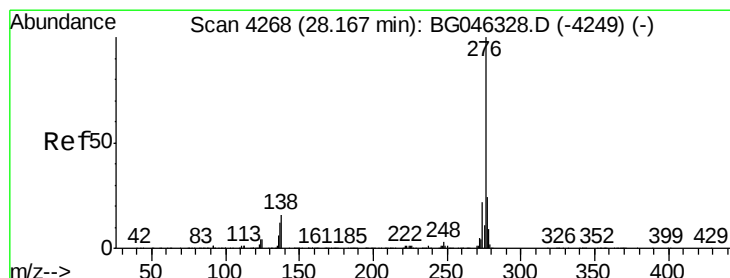
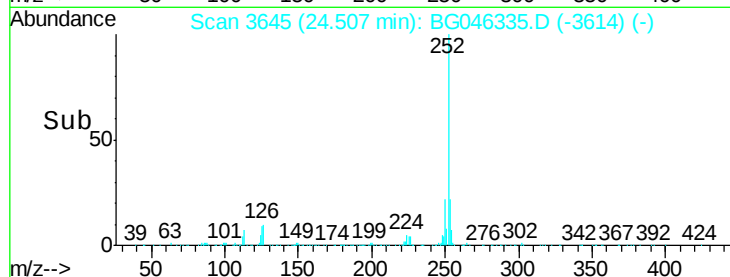
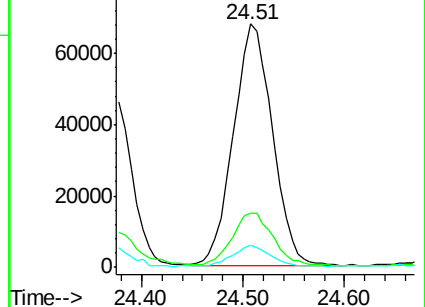
125 9.2 7.1 10.7



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: 2.811 ng/ul

RT: 28.16 min Scan# 4267

Delta R.T. -0.01 min

Lab File: BG046335.D

Acq: 18 Aug 2020 19:52

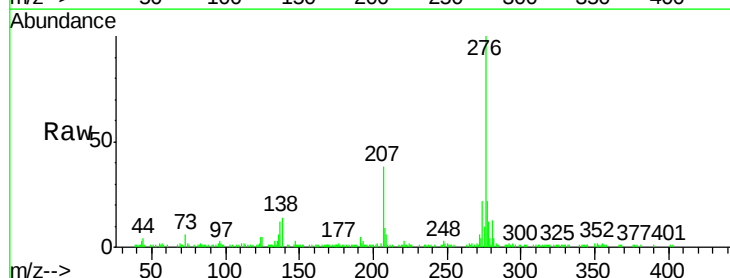
Tgt Ion:276 Resp: 120897

Ion Ratio Lower Upper

276 100

138 14.4 13.2 19.8

277 22.3 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

