

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046256.D
 Acq On : 13 Aug 2020 19:42
 Operator : CG/JU
 Sample : L3629-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM61

Quant Time: Aug 14 05:22:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

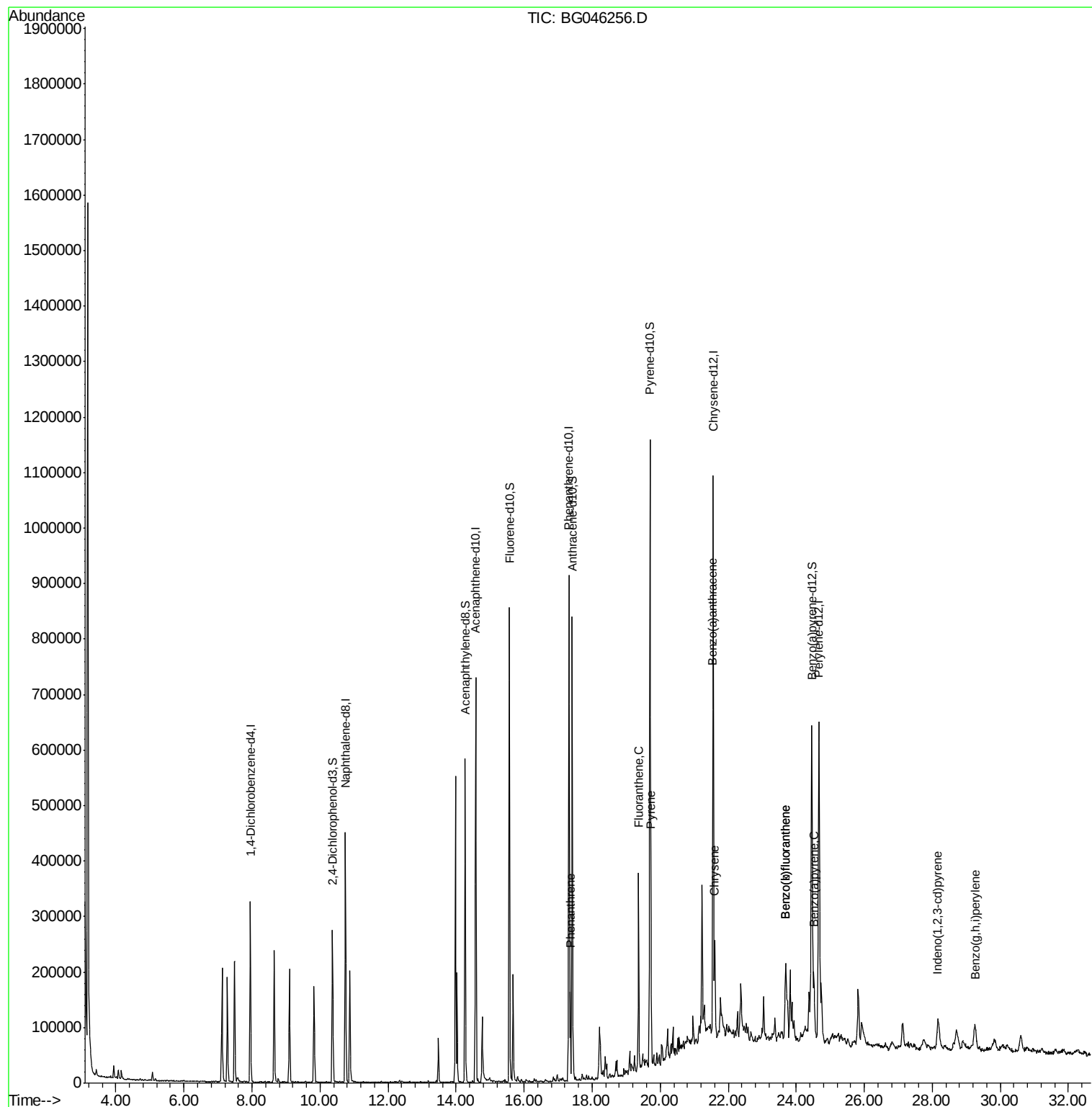
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	103624	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	413888	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	266956	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	593990	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	576988	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	606575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	117679	16.51	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	455959	18.56	ng/ul	0.00
10) Fluorene-d10	15.57	176	349367	18.56	ng/ul	0.00
15) Anthracene-d10	17.41	188	513720	18.66	ng/ul	0.00
19) Pyrene-d10	19.70	212	593512	19.98	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	626503	18.93	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	106012	3.244	ng/ul	98
17) Fluoranthene	19.37	202	230901	6.337	ng/ul	97
20) Pyrene	19.73	202	206117	5.442	ng/ul	98
21) Benzo(a)anthracene	21.54	228	115139	3.067	ng/ul	97
22) Chrysene	21.61	228	127670	3.518	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	194934	4.860	ng/ul	98
25) Benzo(k)fluoranthene	23.69	252	194934	4.899	ng/ul	96
27) Benzo(a)pyrene	24.52	252	120653	3.276	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	93394	2.025	ng/ul	97
30) Benzo(g,h,i)perylene	29.26	276	80001	2.073	ng/ul	98

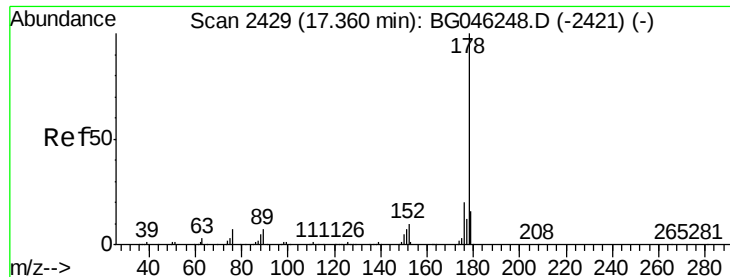
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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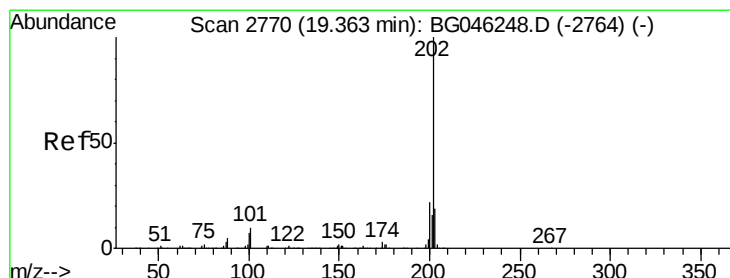
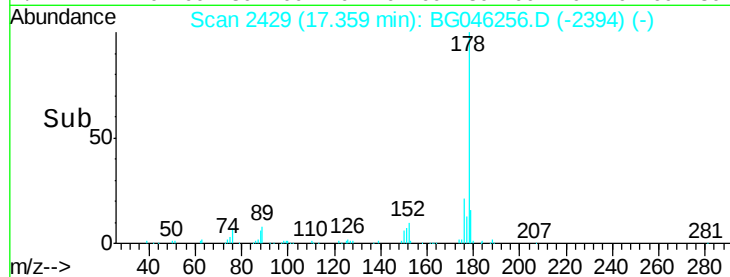
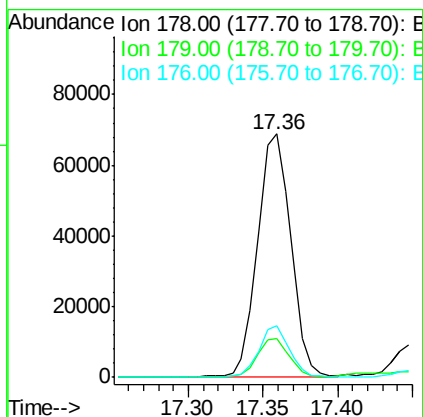
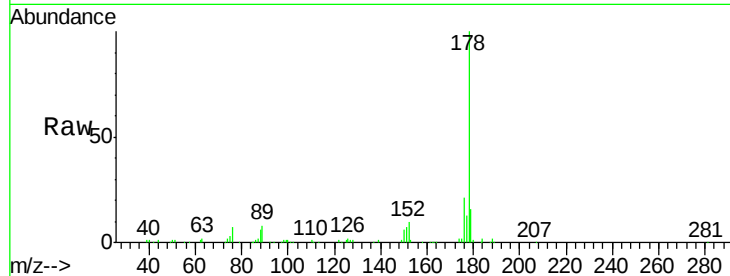




#14
Phenanthrene
Concen: 3.244 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

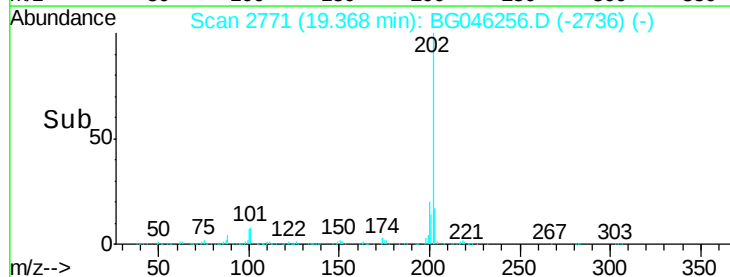
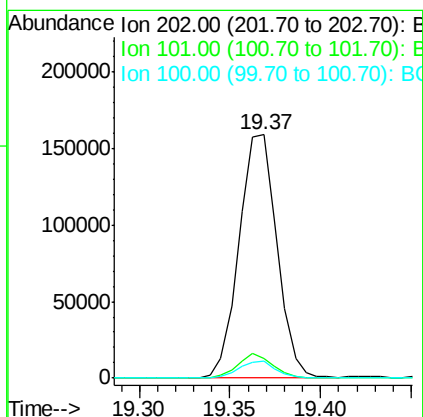
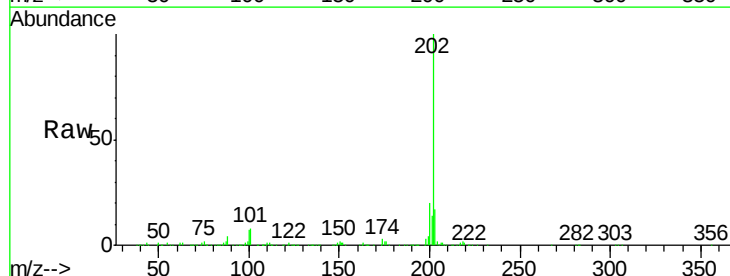
Instrument :
BNA_G
ClientSampleId :
BFM61

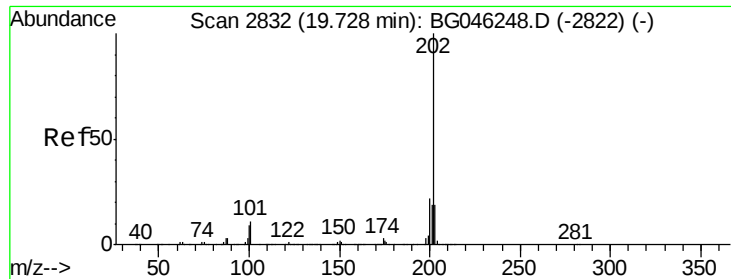
Tot Ion:178 Resp: 106012
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 21.0 15.8 23.8



#17
Fluoranthene
Concen: 6.337 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Tgt Ion:202 Resp: 230901
Ion Ratio Lower Upper
202 100
101 8.0 7.8 11.6
100 6.8 5.9 8.9

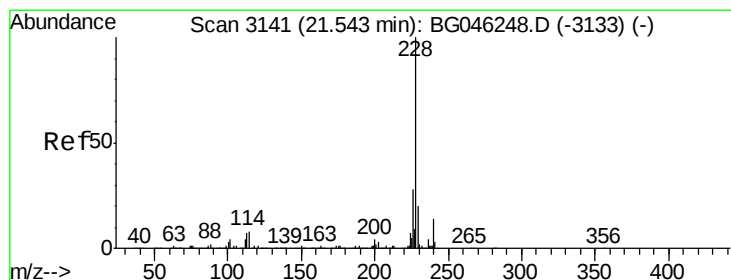
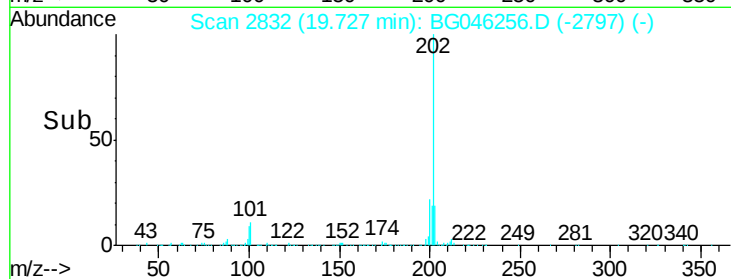
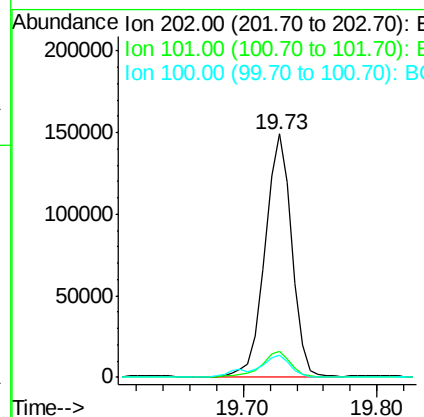
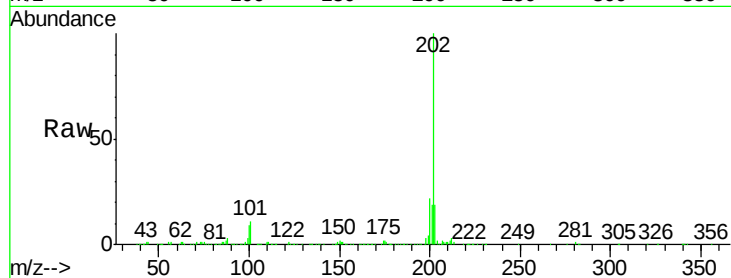




#20
Pvrene
Concen: 5.442 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

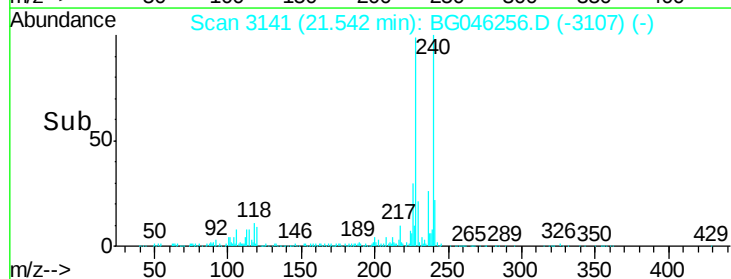
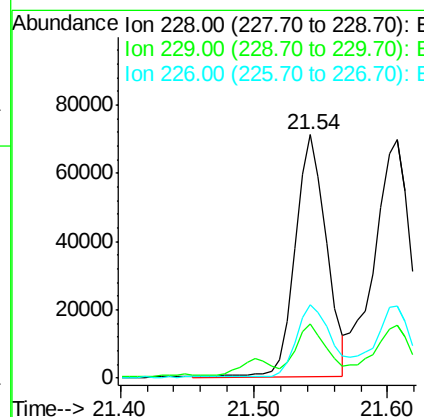
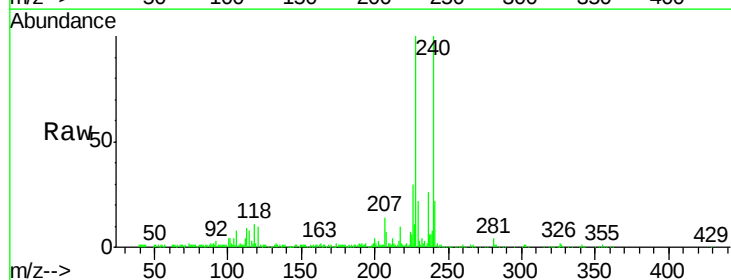
Instrument :
BNA_G
ClientSampleId :
BFM61

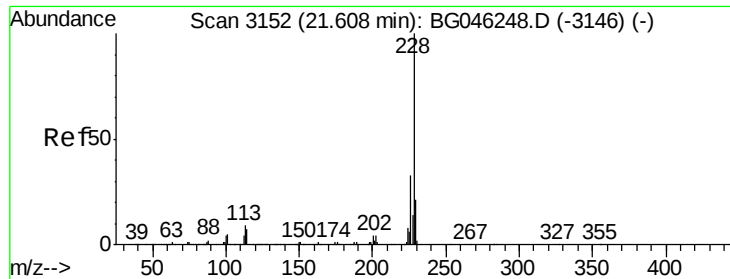
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.9	7.9	11.9



#21
Benzo(a)anthracene
Concen: 3.067 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.6	25.0
226	30.1	22.6	33.8





#22

Chrysene

Concen: 3.518 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG046256.D

Acq: 13 Aug 2020 19:42

Instrument :

BNA_G

ClientSampleId :

BFM61

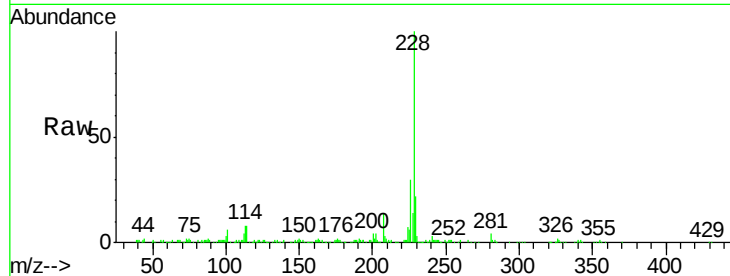
Tot Ion:228 Resp: 127670

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.5	38.3
229	22.2	17.0	25.4

228 100

226 30.2 25.5 38.3

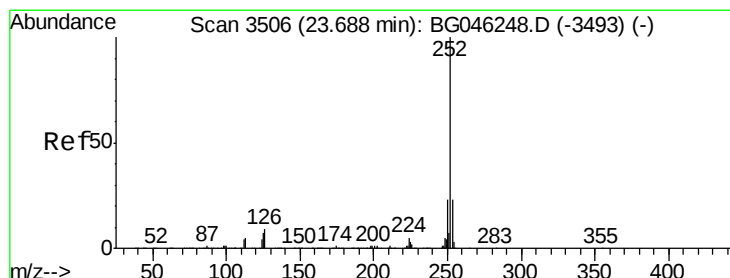
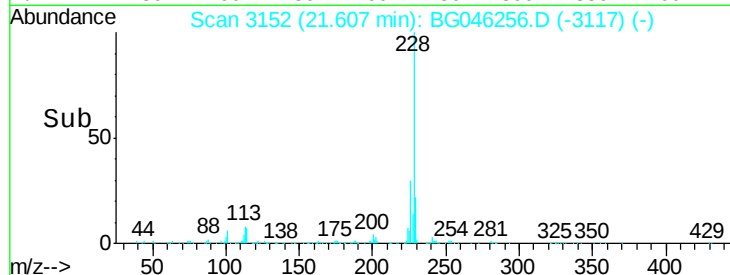
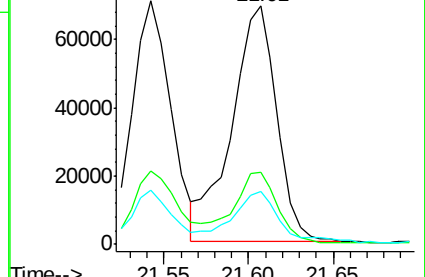
229 22.2 17.0 25.4



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: 4.860 ng/ul

RT: 23.69 min Scan# 3507

Delta R.T. 0.01 min

Lab File: BG046256.D

Acq: 13 Aug 2020 19:42

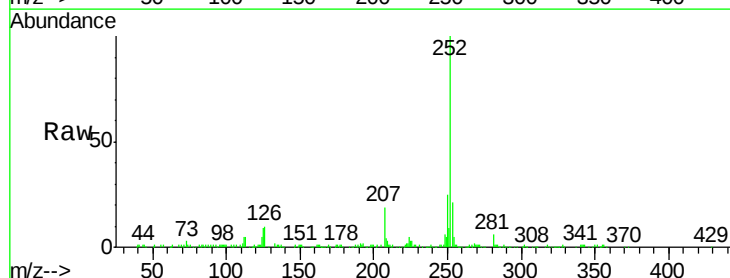
Tgt Ion:252 Resp: 194934

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	8.6	6.4	9.6

252 100

253 20.9 17.8 26.6

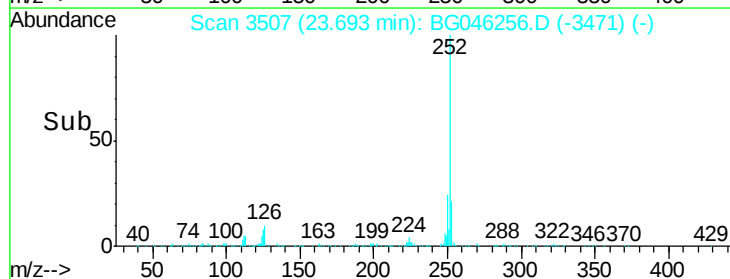
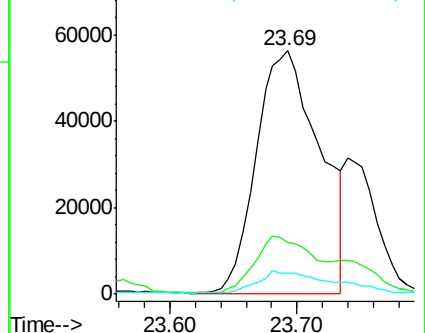
125 8.6 6.4 9.6

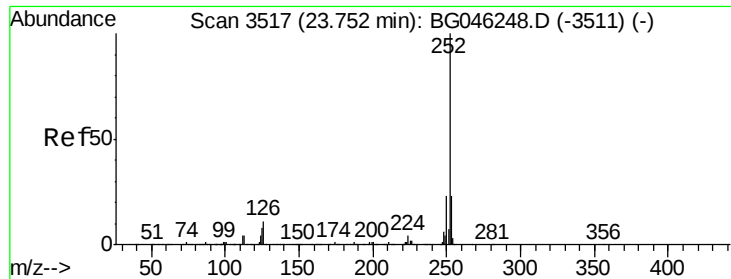


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

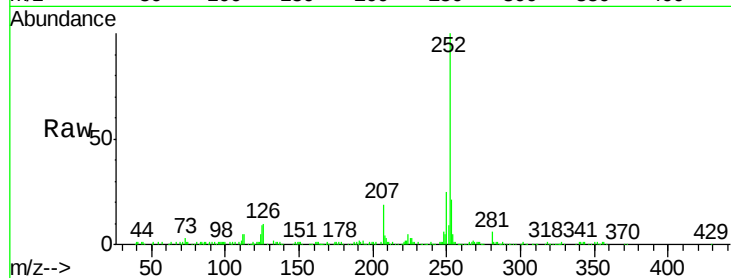




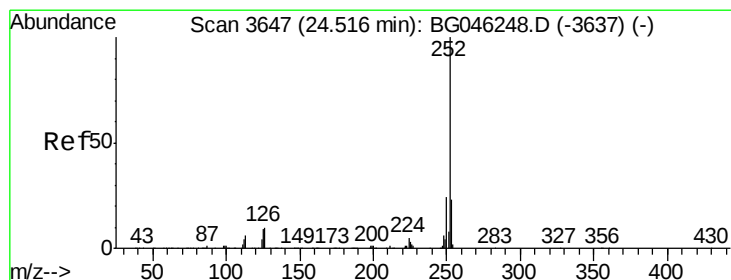
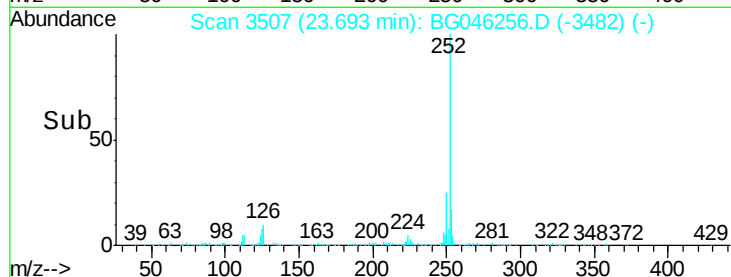
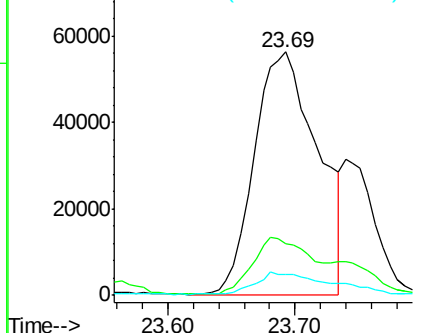
#25
Benzo(k)fluoranthene
Concen: 4.899 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.06 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Instrument :
BNA_G
ClientSampleId :
BFM61

Tot Ion:252 Resp: 194934
Ion Ratio Lower Upper
252 100
253 20.9 18.5 27.7
125 8.6 6.2 9.2

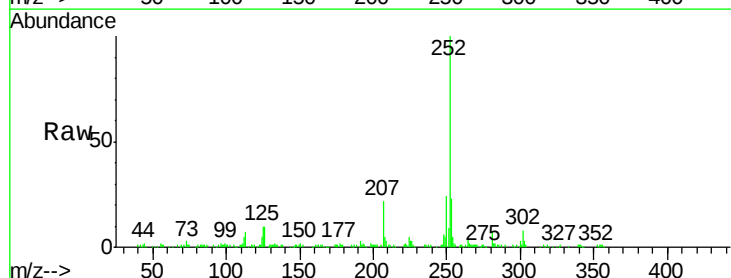


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

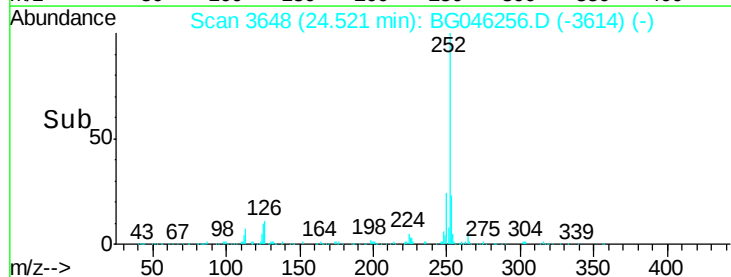
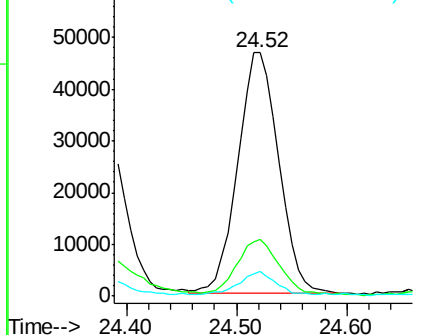


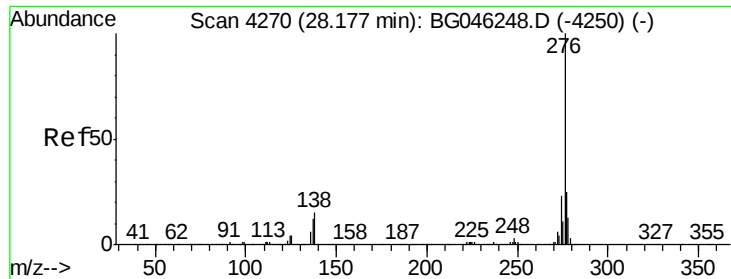
#27
Benzo(a)pyrene
Concen: 3.276 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BG046256.D
Acq: 13 Aug 2020 19:42

Tgt Ion:252 Resp: 120653
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 10.1 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: 2.025 ng/ul

RT: 28.17 min Scan# 4269

Delta R.T. -0.00 min

Lab File: BG046256.D

Acq: 13 Aug 2020 19:42

Instrument :

BNA_G

ClientSampleId :

BFM61

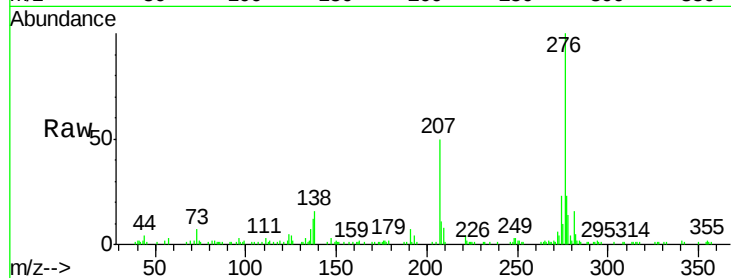
Tot Ion:276 Resp: 93394

Ion Ratio Lower Upper

276 100

138 15.7 13.2 19.8

277 22.9 19.9 29.9

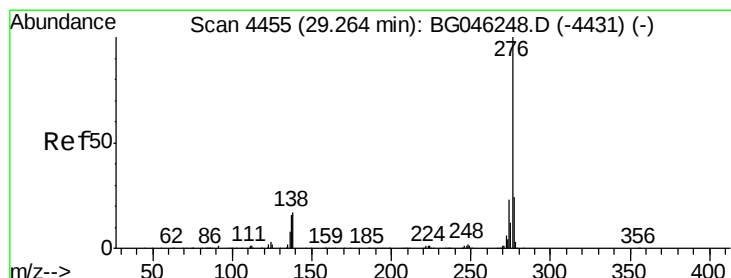
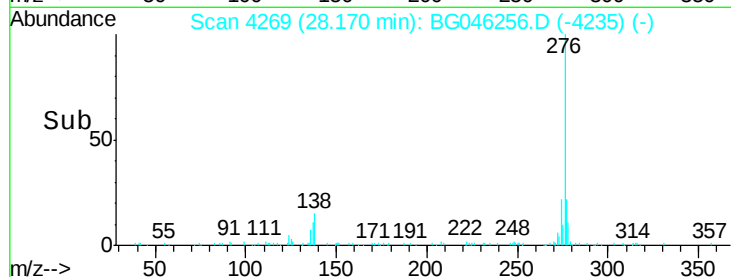
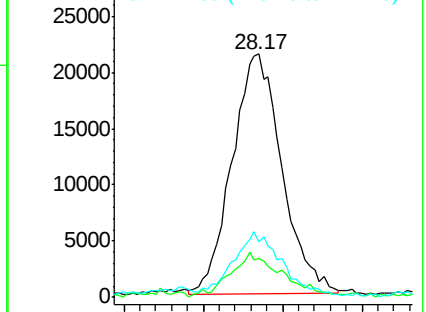


Abundance

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(g,h,i)perylene

Concen: 2.073 ng/ul

RT: 29.26 min Scan# 4454

Delta R.T. -0.01 min

Lab File: BG046256.D

Acq: 13 Aug 2020 19:42

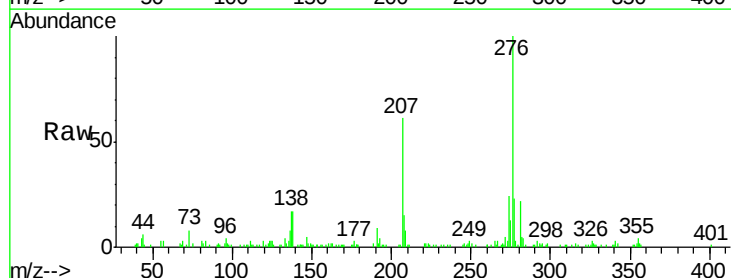
Tgt Ion:276 Resp: 80001

Ion Ratio Lower Upper

276 100

138 16.7 12.9 19.3

277 23.3 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

