

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046299.D
 Acq On : 17 Aug 2020 15:51
 Operator : CG/JU
 Sample : L3632-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM86

Quant Time: Aug 18 01:25:25 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

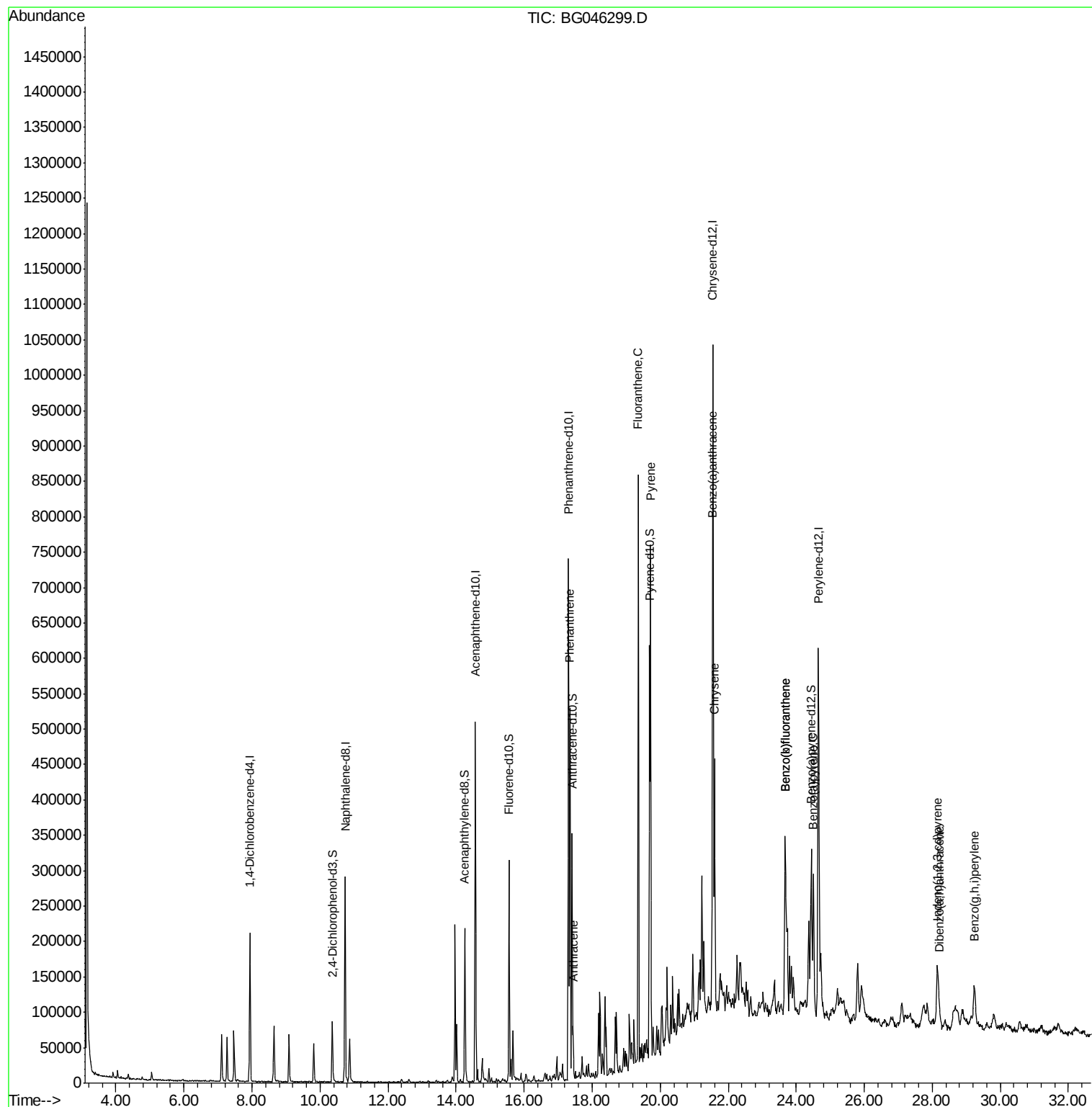
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	67127	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	269119	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	189085	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	477264	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	510085	20.00	ng/ul	0.00
23) Perylene-d12	24.65	264	539569	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	40417	8.72	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	167164	9.61	ng/ul	0.00
10) Fluorene-d10	15.56	176	137309	10.30	ng/ul	0.00
15) Anthracene-d10	17.41	188	211617	9.56	ng/ul	0.00
19) Pyrene-d10	19.69	212	249704	9.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	260246	8.84	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	341911	13.022	ng/ul	99
16) Anthracene	17.44	178	50461	1.905	ng/ul	98
17) Fluoranthene	19.36	202	533114	18.209	ng/ul	99
20) Pyrene	19.72	202	477625	14.265	ng/ul	97
21) Benzo(a)anthracene	21.53	228	251836	7.588	ng/ul	99
22) Chrysene	21.60	228	255031	7.949	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	321905	9.022	ng/ul	98
25) Benzo(k)fluoranthene	23.68	252	321905	9.095	ng/ul	99
27) Benzo(a)pyrene	24.50	252	208502	6.365	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.15	276	150809	3.677	ng/ul	96
29) Dibenzo(a,h)anthracene	28.20	278	34601	1.040	ng/ul	96
30) Benzo(a,h,i)perylene	29.23	276	106269	3.096	ng/ul	98

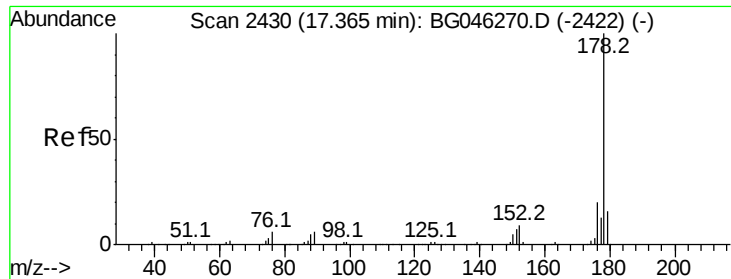
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046299.D
Acq On : 17 Aug 2020 15:51
Operator : CG/JU
Sample : L3632-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM86

Quant Time: Aug 18 01:25:25 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

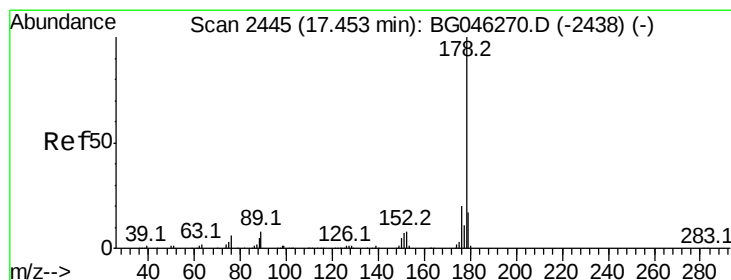
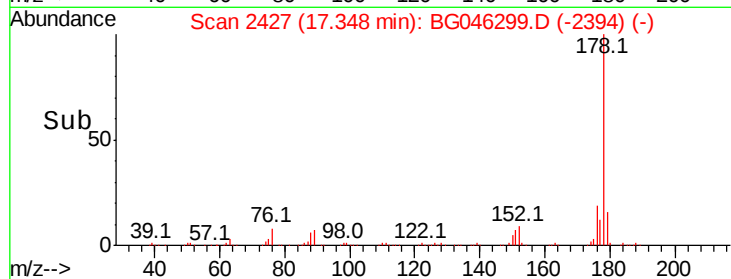
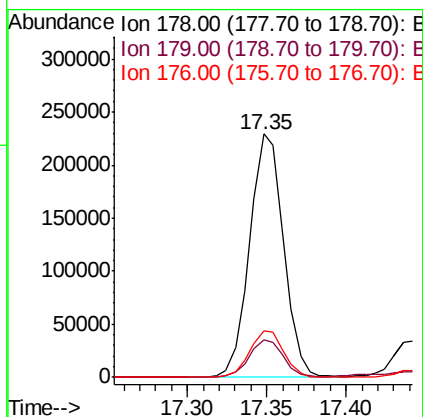
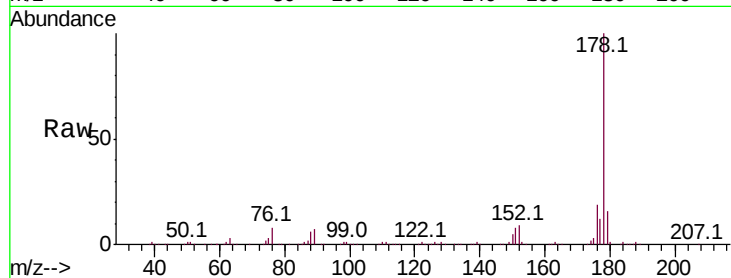




#14
Phenanthrene
Concen: 13.022 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

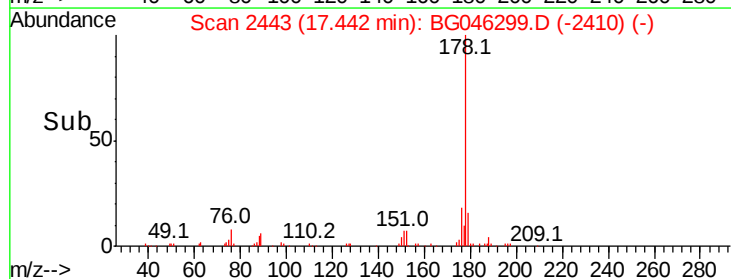
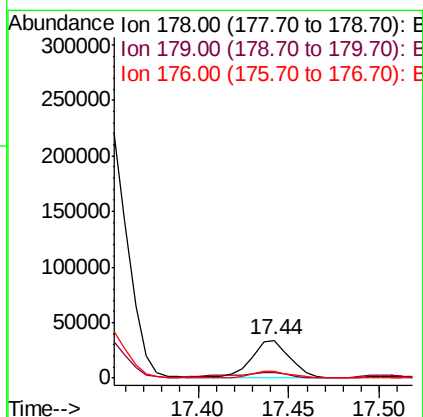
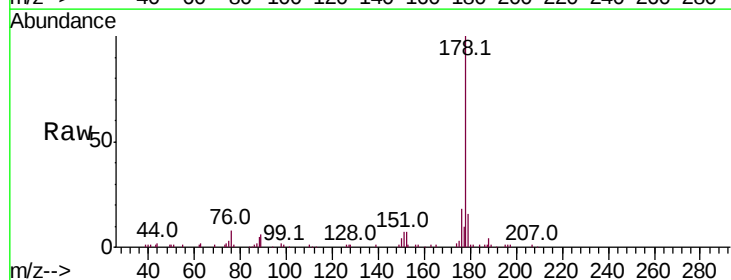
Instrument :
BNA_G
ClientSampleId :
BFM86

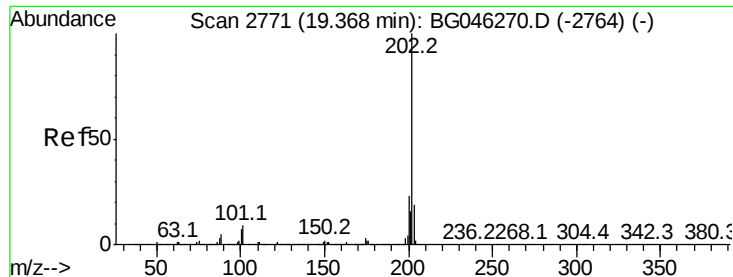
Tot Ion:178 Resp: 341911
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.1 15.8 23.8



#16
Anthracene
Concen: 1.905 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046299.D
Acq: 17 Aug 2020 15:51

Tgt Ion:178 Resp: 50461
Ion Ratio Lower Upper
178 100
179 16.0 13.2 19.8
176 18.2 15.2 22.8

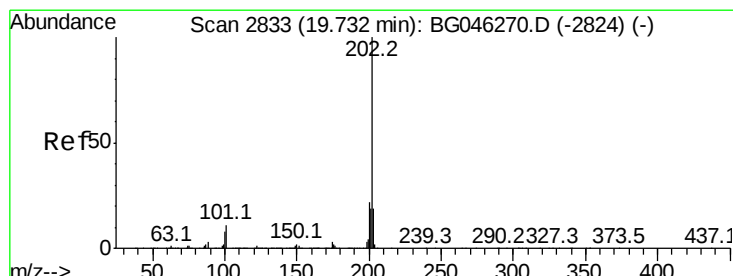
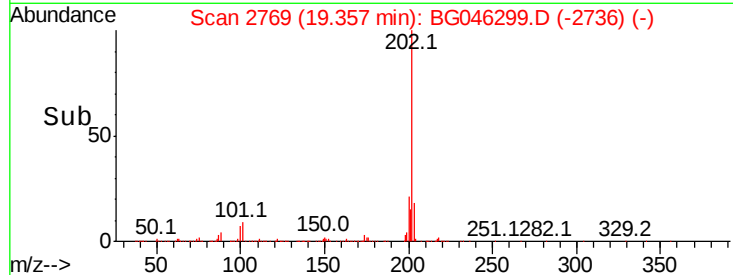
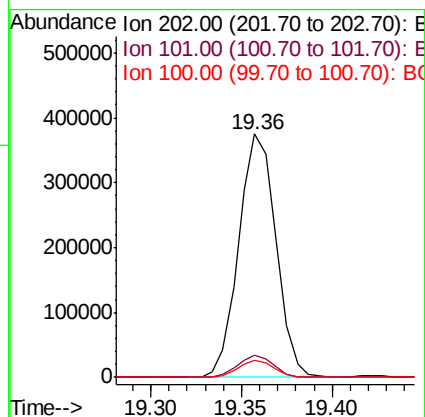
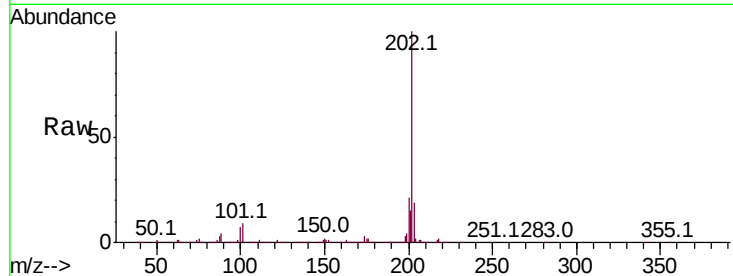




#17
 Fluoranthene
 Concen: 18.209 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG046299.D
 Acq: 17 Aug 2020 15:51

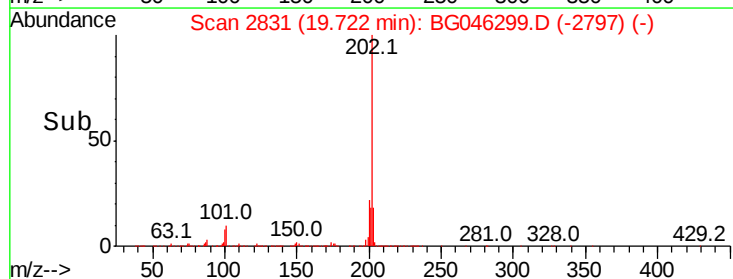
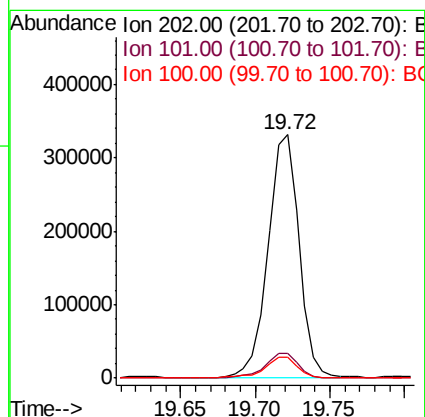
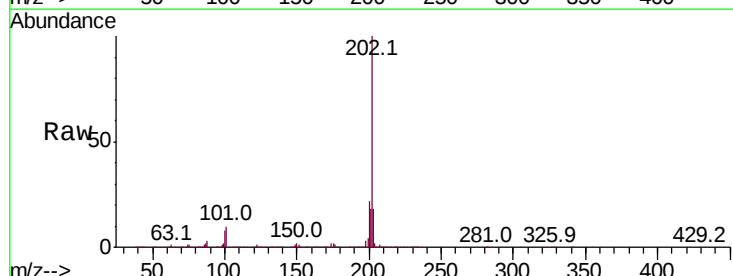
Instrument :
 BNA_G
 ClientSampleId :
 BFM86

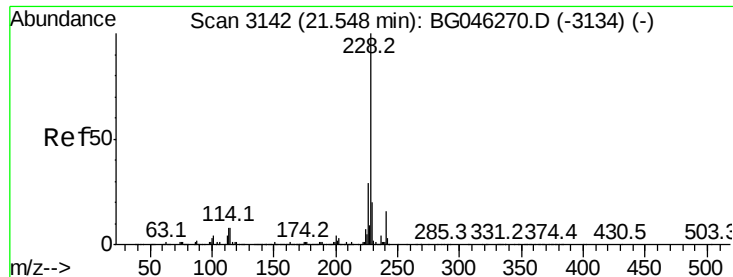
Tot Ion:	202	Resp:	533114
Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.6
100	7.2	5.9	8.9



#20
 Pyrene
 Concen: 14.265 ng/ul
 RT: 19.72 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG046299.D
 Acq: 17 Aug 2020 15:51

Tgt Ion:	202	Resp:	477625
Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.9	13.3
100	8.4	7.9	11.9





#21

Benzo(a)anthracene

Concen: 7.588 ng/ul

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Instrument :

BNA_G

ClientSampleId :

BFM86

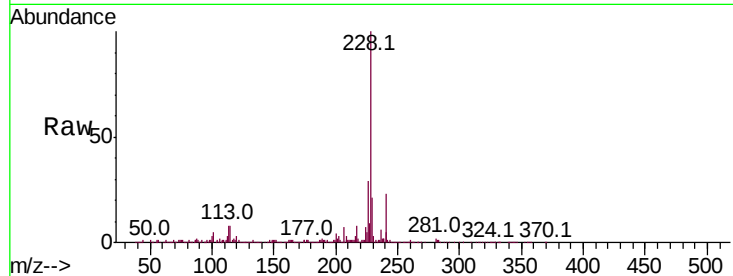
Tot Ion:228 Resp: 251836

Ion Ratio Lower Upper

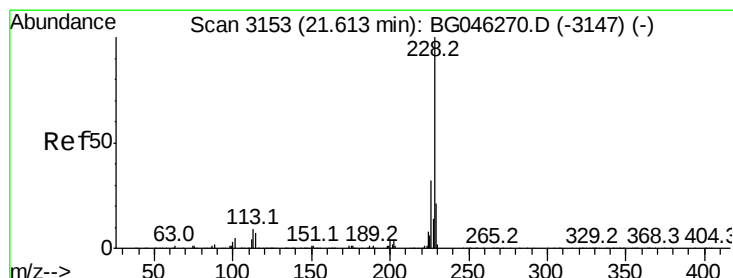
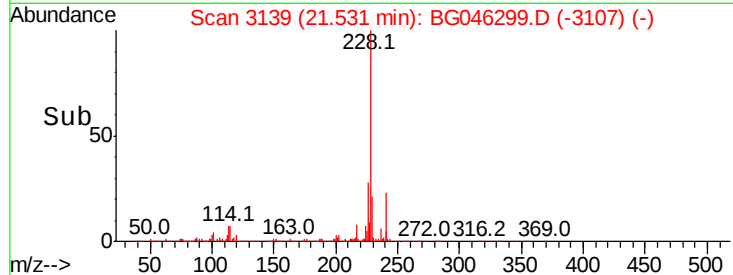
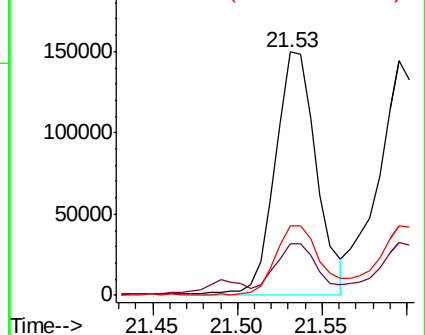
228 100

229 21.2 16.6 25.0

226 28.8 22.6 33.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#22

Chrysene

Concen: 7.949 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

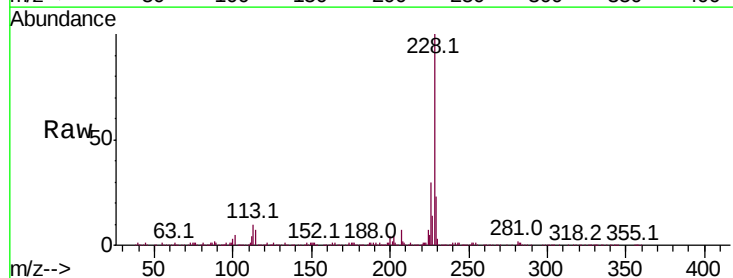
Tgt Ion:228 Resp: 255031

Ion Ratio Lower Upper

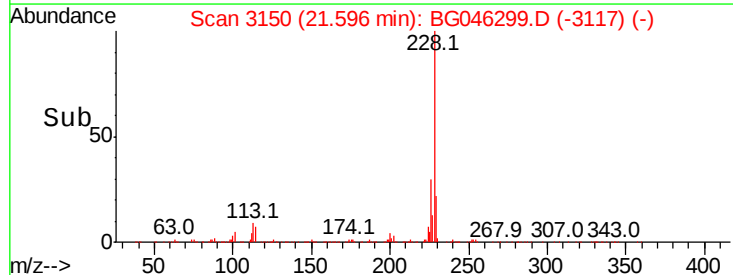
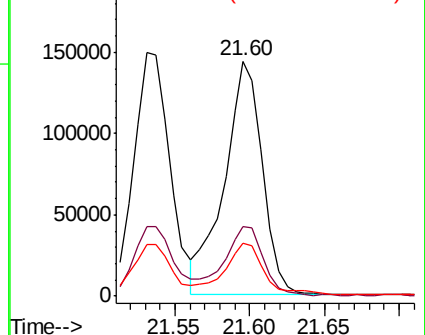
228 100

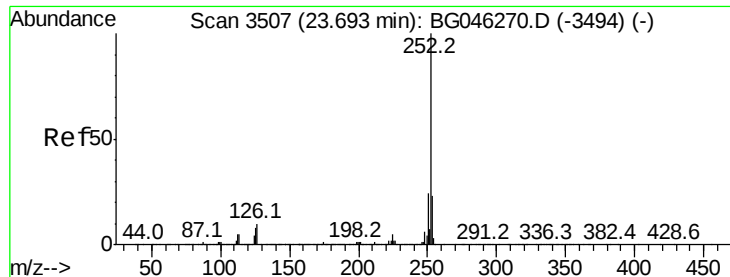
226 29.8 25.5 38.3

229 22.6 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: 9.022 ng/ul

RT: 23.68 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Instrument :

BNA_G

ClientSampleId :

BFM86

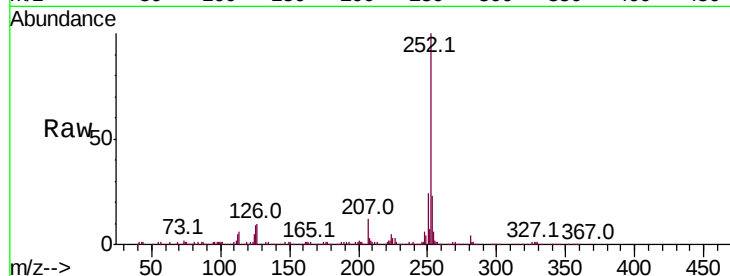
Tot Ion:252 Resp: 321905

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

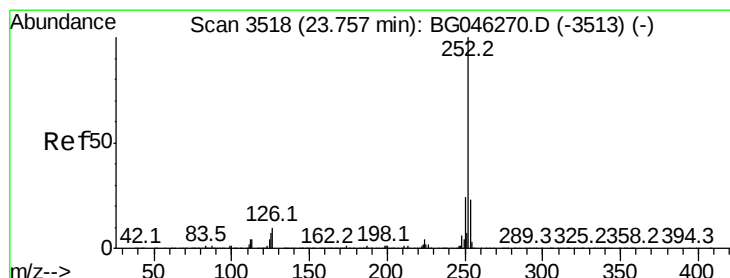
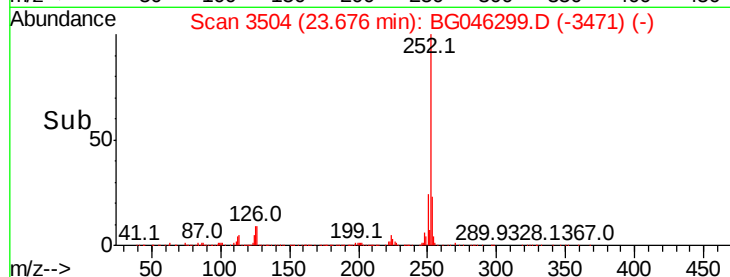
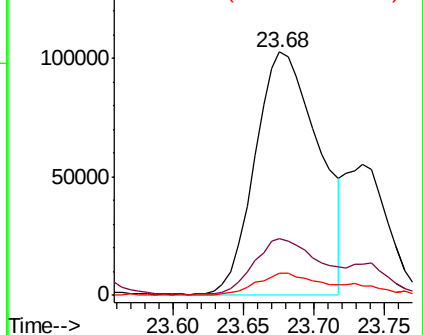
125 9.0 6.4 9.6



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: 9.095 ng/ul

RT: 23.68 min Scan# 3504

Delta R.T. -0.07 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

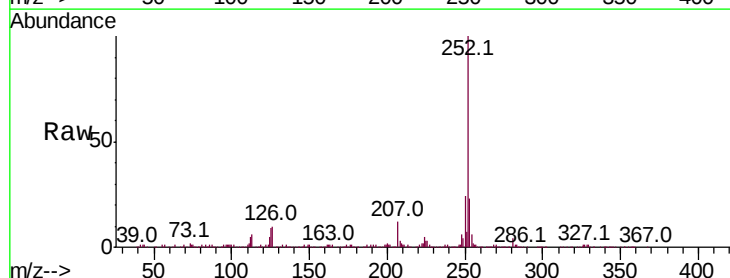
Tgt Ion:252 Resp: 321905

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

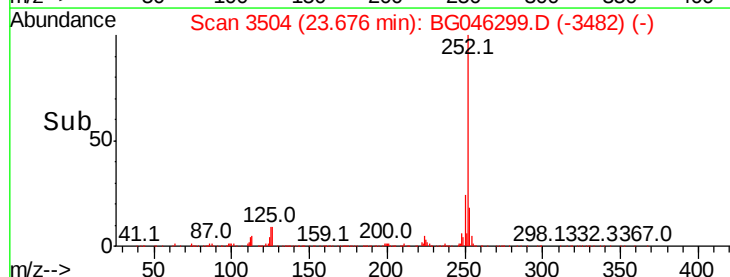
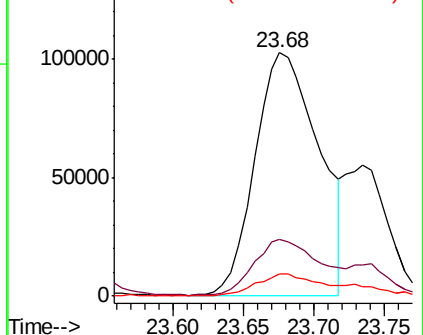
125 9.0 6.2 9.2

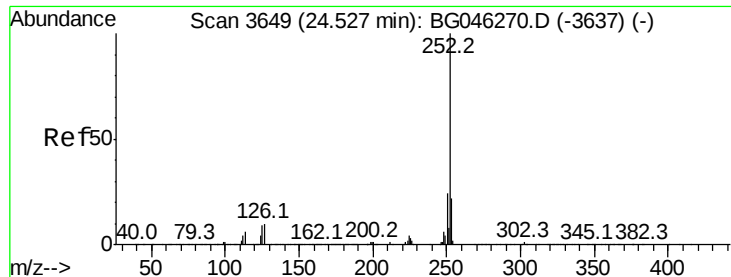


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 6.365 ng/ul

RT: 24.50 min Scan# 3645

Delta R.T. -0.02 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Instrument :

BNA_G

ClientSampleId :

BFM86

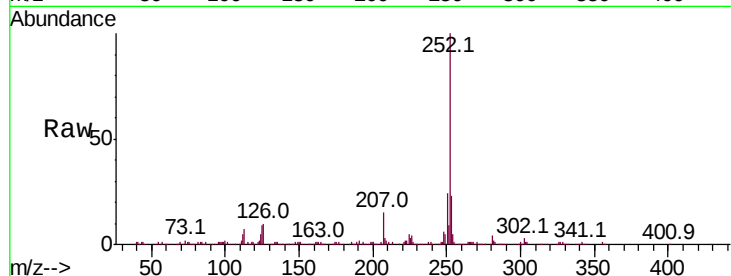
Tot Ion:252 Resp: 208502

Ion Ratio Lower Upper

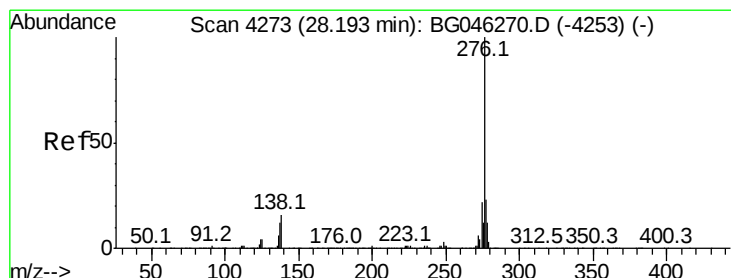
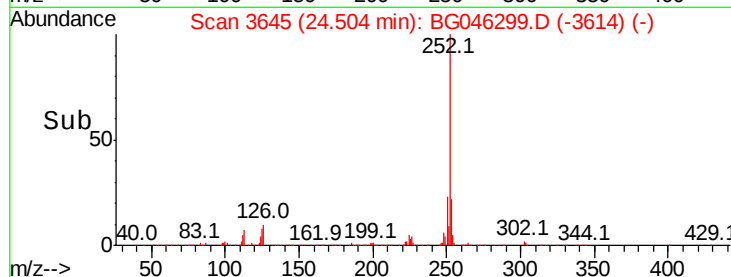
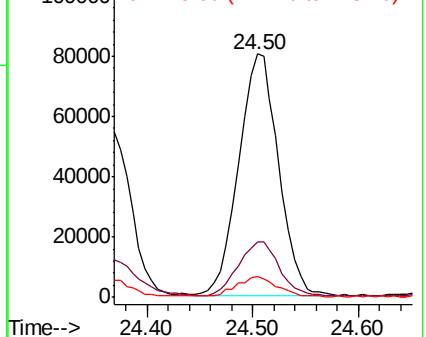
252 100

253 22.9 17.8 26.8

125 8.7 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: 3.677 ng/ul

RT: 28.15 min Scan# 4265

Delta R.T. -0.03 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

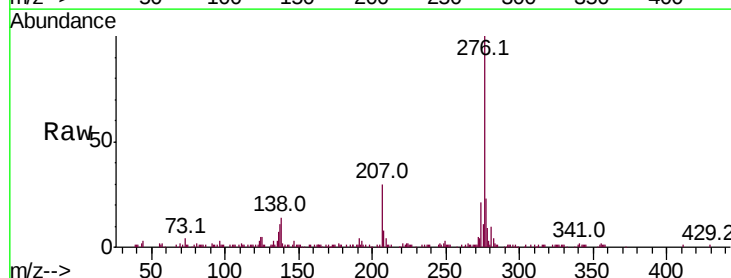
Tgt Ion:276 Resp: 150809

Ion Ratio Lower Upper

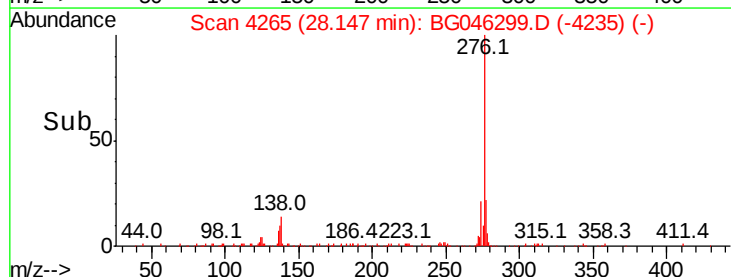
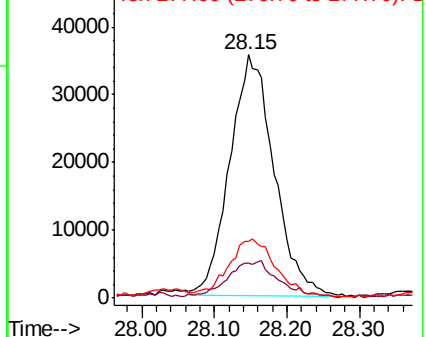
276 100

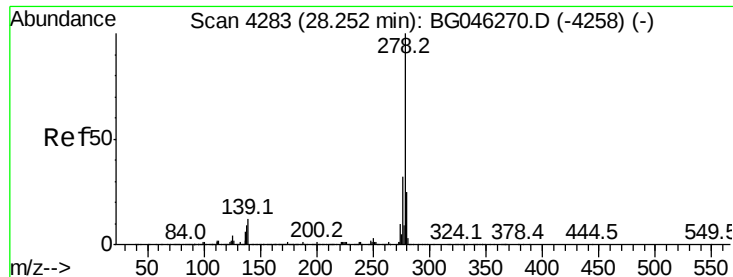
138 14.3 13.2 19.8

277 23.3 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





#29

Dibenzo(a,h)anthracene

Concen: 1.040 ng/ul

RT: 28.20 min Scan# 4274

Delta R.T. -0.04 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Instrument :

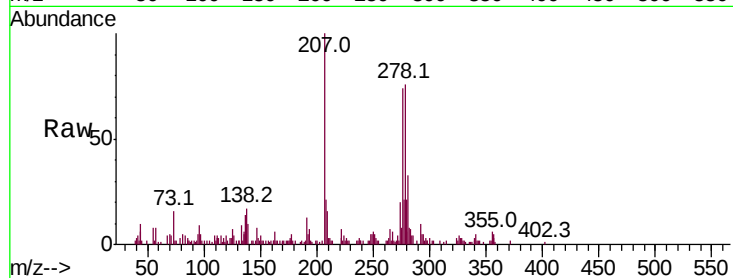
BNA_G

ClientSampleId :

BFM86

Tot Ion:278 Resp: 34601

Ion	Ratio	Lower	Upper
278	100		
139	13.8	9.8	14.8
279	27.0	19.7	29.5

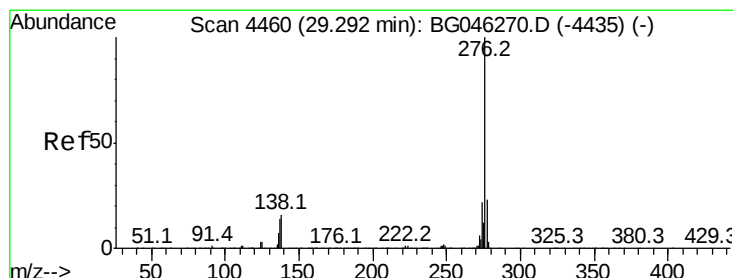
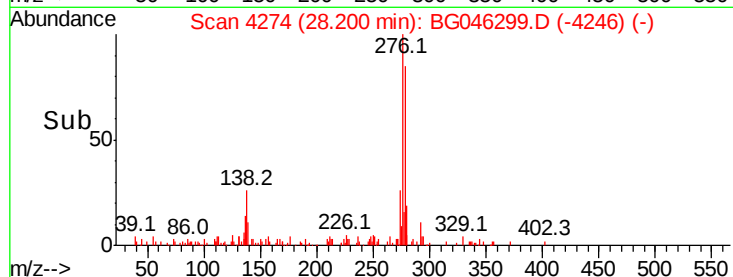
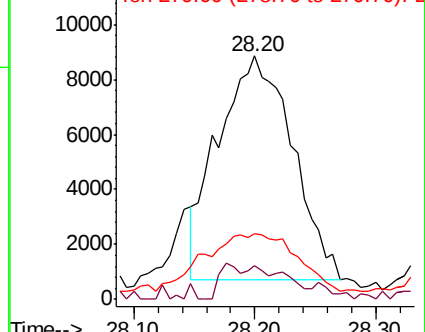


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Benzo(g,h,i)perylene

Concen: 3.096 ng/ul

RT: 29.23 min Scan# 4450

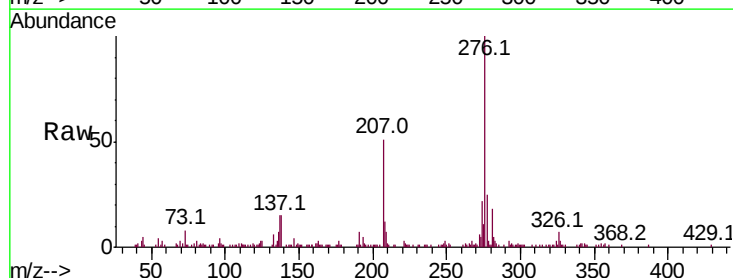
Delta R.T. -0.03 min

Lab File: BG046299.D

Acq: 17 Aug 2020 15:51

Tgt Ion:276 Resp: 106269

Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.9	19.3
277	25.3	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

