

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022180.D
 Acq On : 16 Aug 2019 21:16
 Operator : HP/JU
 Sample : K4183-13DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 04:14:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration

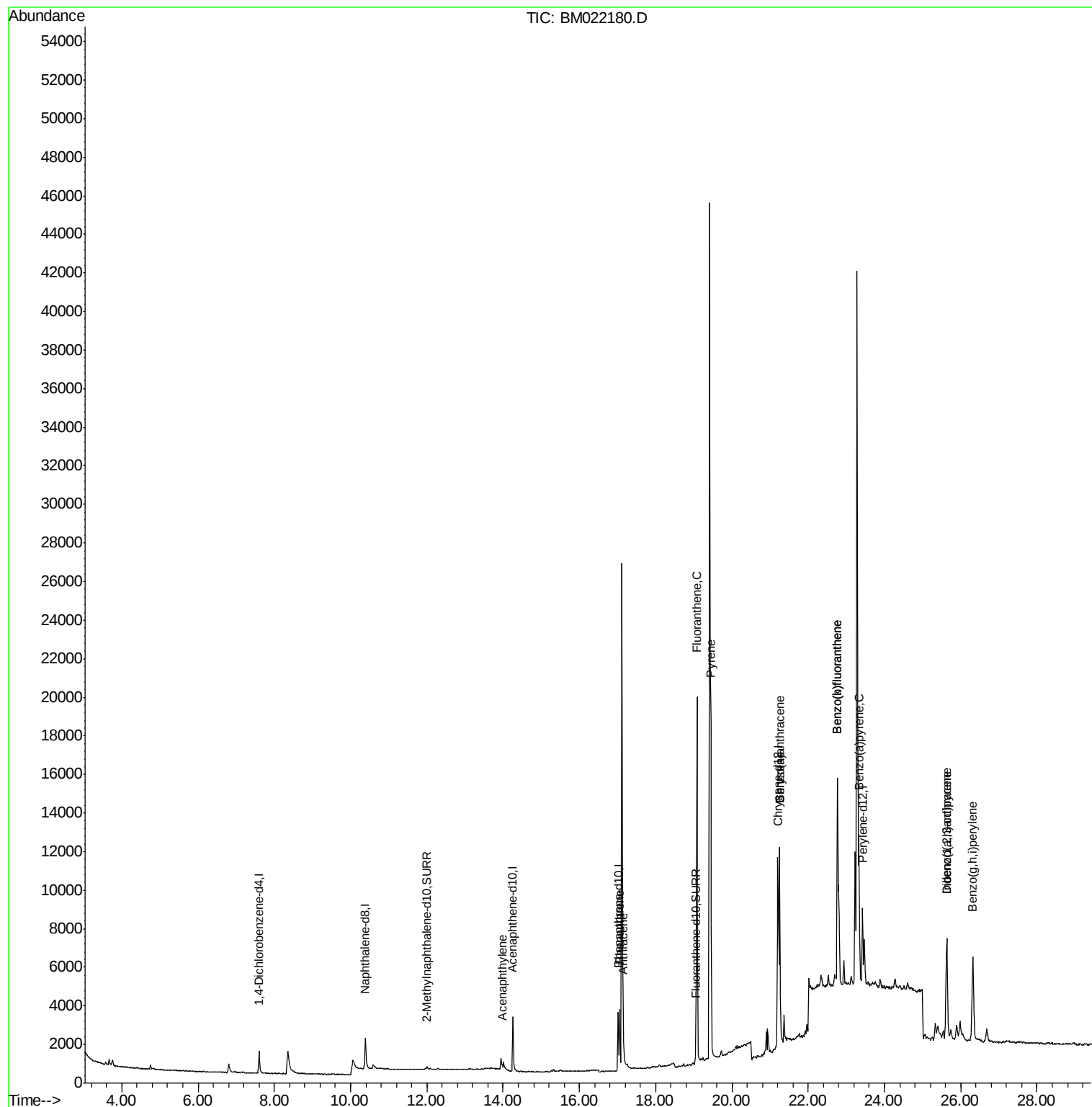
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	719	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3152	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1862	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	4231	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4409	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4886	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	209	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	645	0.05	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	266	0.031	ng/ul#	54
12) Phenanthrene	17.05	178	3545	0.288	ng/ul	98
13) Anthracene	17.15	178	674	0.064	ng/ul#	73
15) Fluoranthene	19.08	202	17756	1.077	ng/ul	96
17) Pyrene	19.45	202	15760	0.870	ng/ul	98
18) Benzo(a)anthracene	21.25	228	11003	0.698	ng/ul	90
19) Chrysene	21.25	228	11319	0.558	ng/ul#	93
21) Benzo(b)fluoranthene	22.76	252	23455	1.424	ng/ul	91
22) Benzo(k)fluoranthene	22.76	252	23455	1.258	ng/ul#	91
23) Benzo(a)pyrene	23.33	252	10254	0.612	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.64	276	9089	0.454	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.64	278	2064	0.128	ng/ul#	17
26) Benzo(g,h,i)perylene	26.32	276	9151	0.508	ng/ul#	90

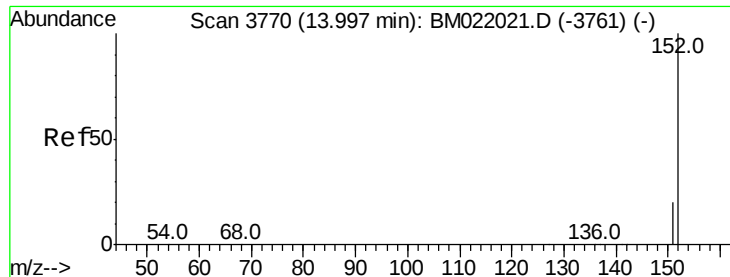
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

ClientSampleId :

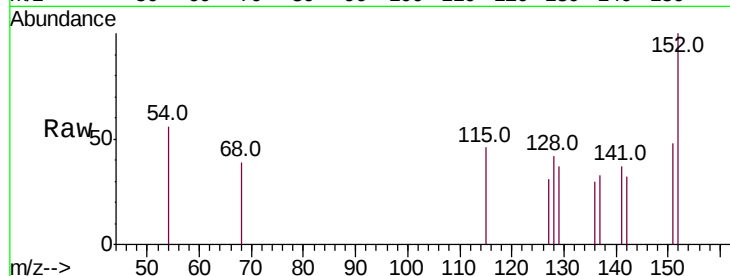
Tot Ion:152 Resp: 266

Ion Ratio Lower Upper

152 100

151 48.0 18.3 27.5#

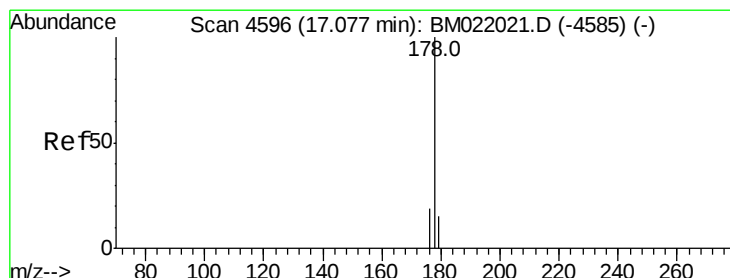
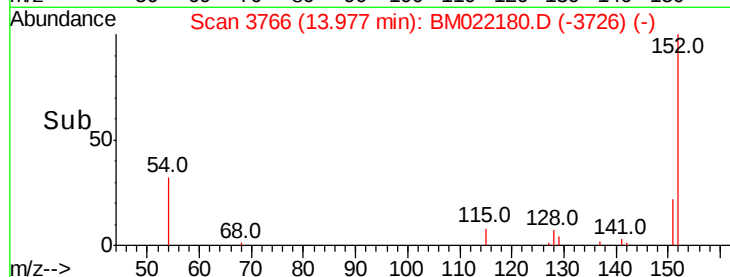
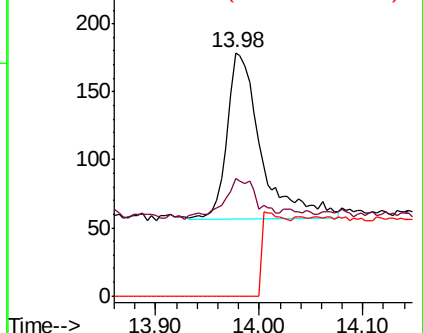
153 0.0 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.288 ng/ul

RT: 17.05 min Scan# 4590

Delta R.T. -0.02 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

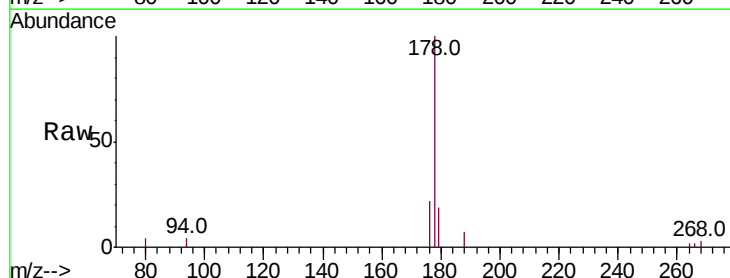
Tgt Ion:178 Resp: 3545

Ion Ratio Lower Upper

178 100

179 19.0 14.2 21.2

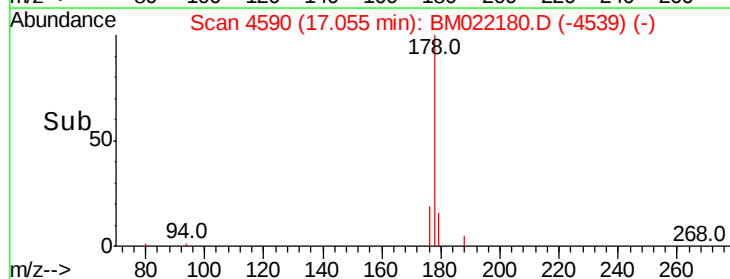
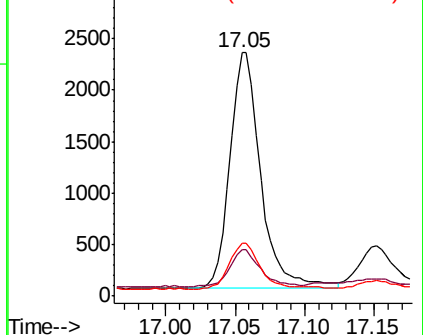
176 21.6 16.8 25.2

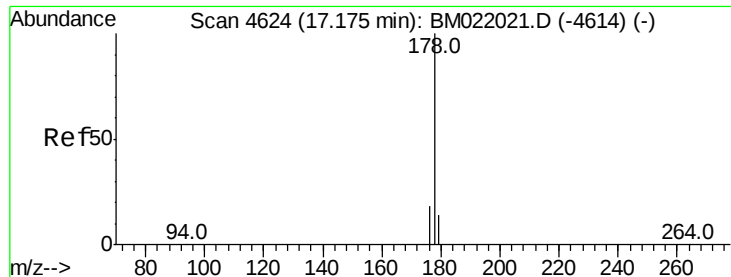


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.064 ng/ul

RT: 17.15 min Scan# 4618

Delta R.T. -0.03 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

ClientSampleId :

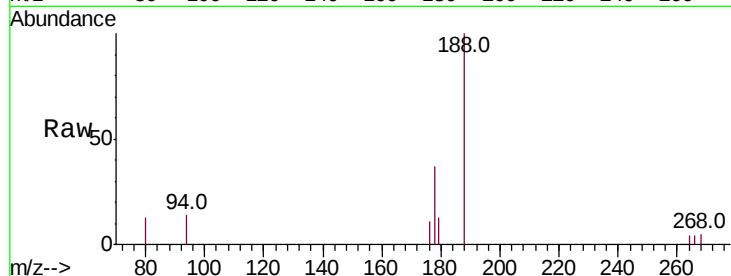
Tot Ion:178 Resp: 674

Ion Ratio Lower Upper

178 100

179 34.4 15.5 23.3#

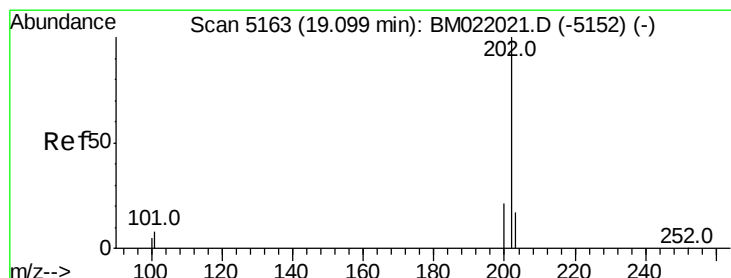
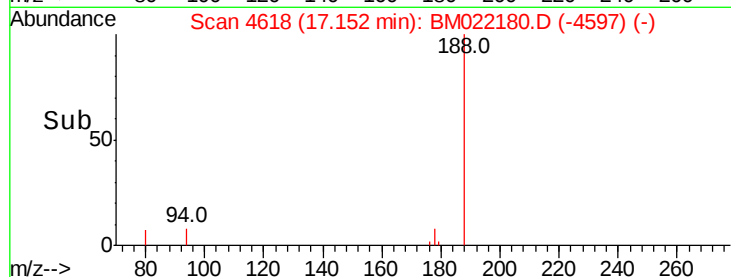
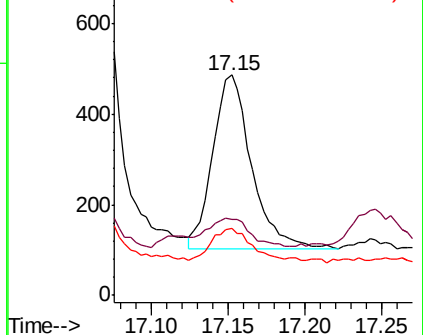
176 30.5 16.6 25.0#



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



#15

Fluoranthene

Concen: 1.077 ng/ul

RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

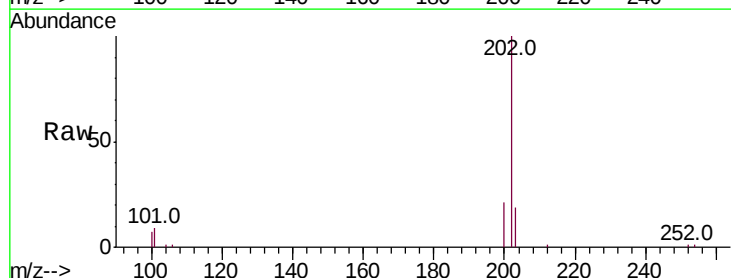
Tgt Ion:202 Resp: 17756

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.2

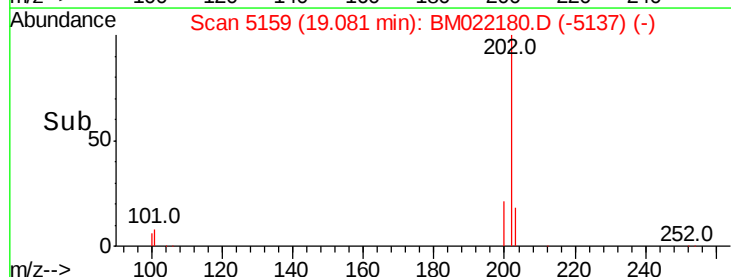
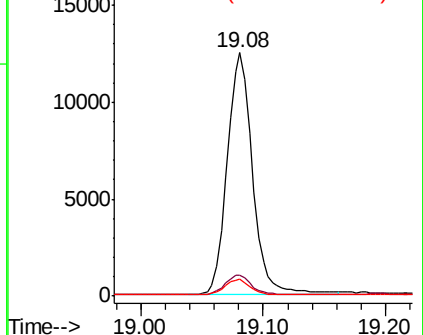
100 6.8 0.0 28.1

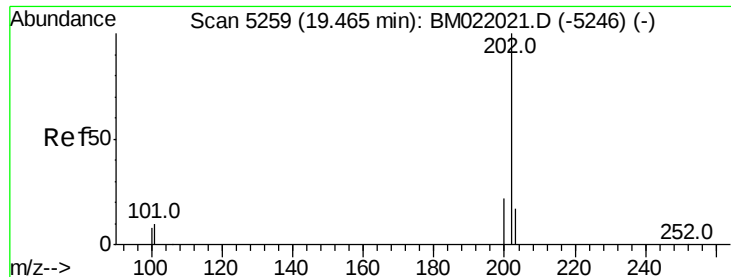


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.870 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.02 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

ClientSampled :

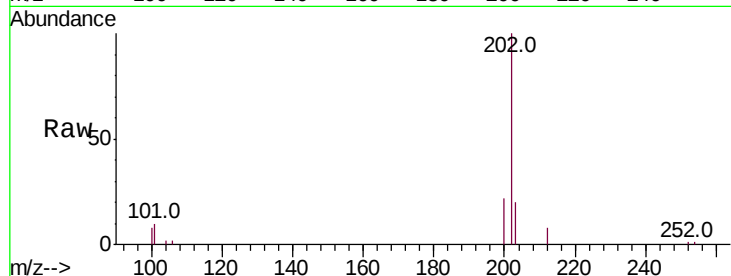
Tot Ion:202 Resp: 15760

Ion Ratio Lower Upper

202 100

101 10.0 8.3 12.5

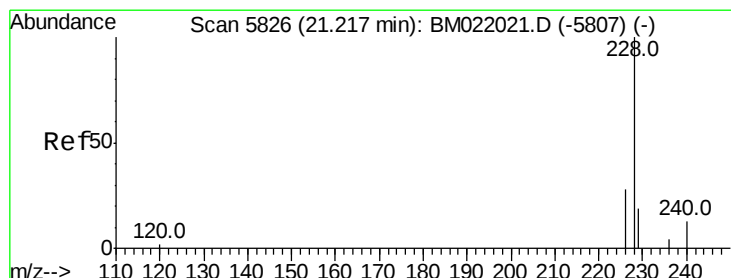
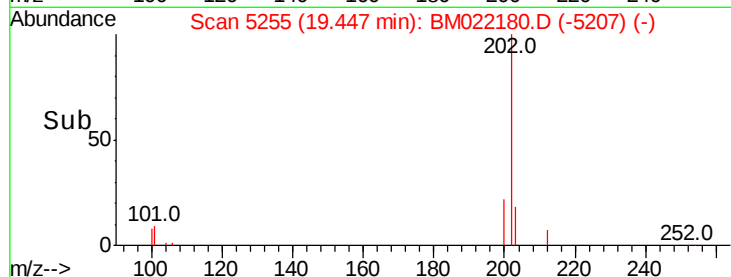
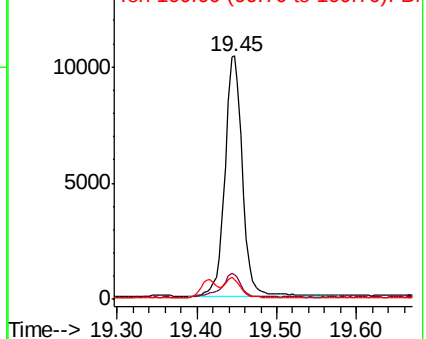
100 8.3 7.2 10.8



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



#18

Benzo(a)anthracene

Concen: 0.698 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. 0.04 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

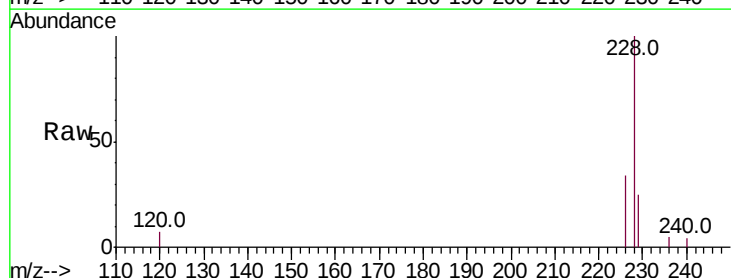
Tgt Ion:228 Resp: 11003

Ion Ratio Lower Upper

228 100

229 25.4 17.2 25.8

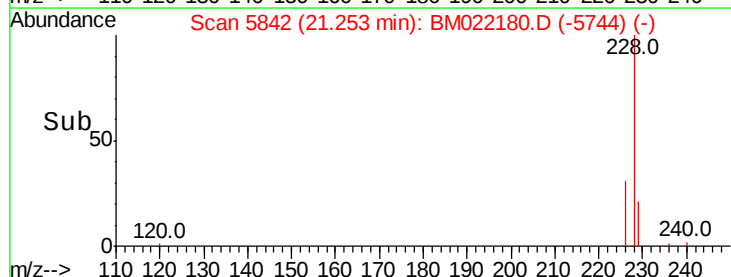
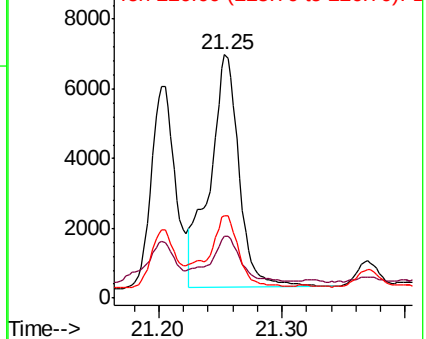
226 33.9 22.6 34.0

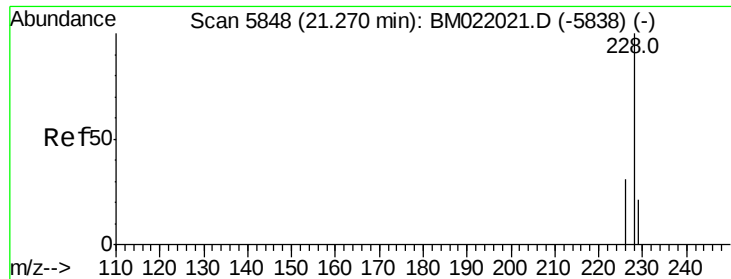


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.558 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.02 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

ClientSampleId :

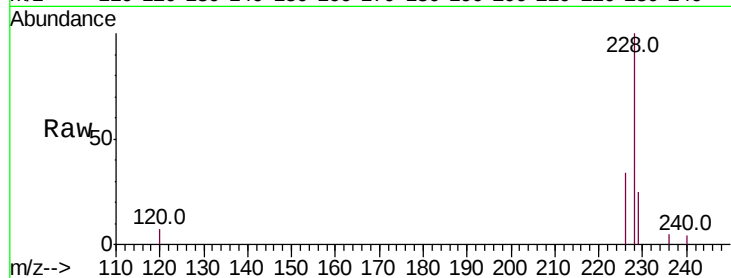
Tot Ion:228 Resp: 11319

Ion Ratio Lower Upper

228 100

226 33.9 24.9 37.3

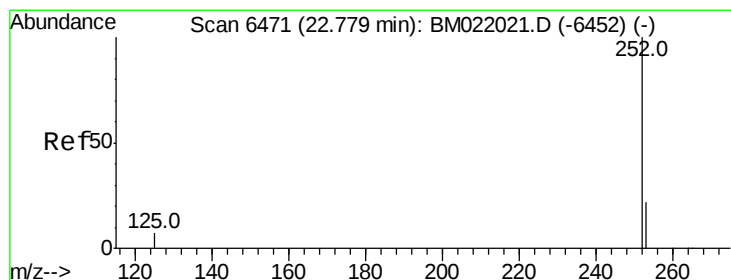
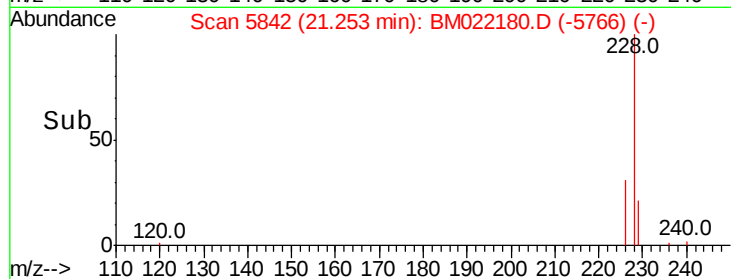
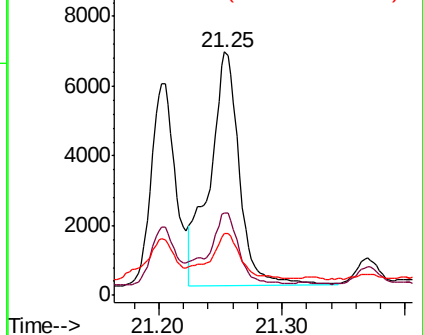
229 25.4 16.6 25.0#



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



#21

Benzo(b)fluoranthene

Concen: 1.424 ng/ul

RT: 22.76 min Scan# 6466

Delta R.T. -0.01 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

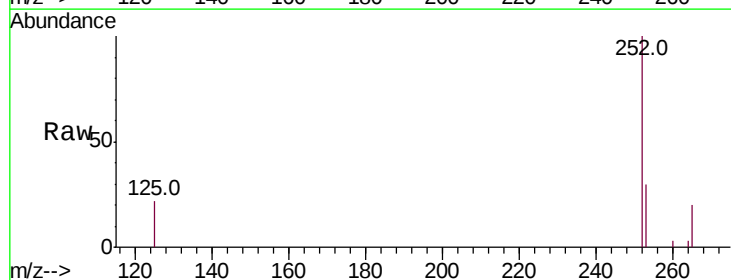
Tgt Ion:252 Resp: 23455

Ion Ratio Lower Upper

252 100

253 30.1 0.0 67.4

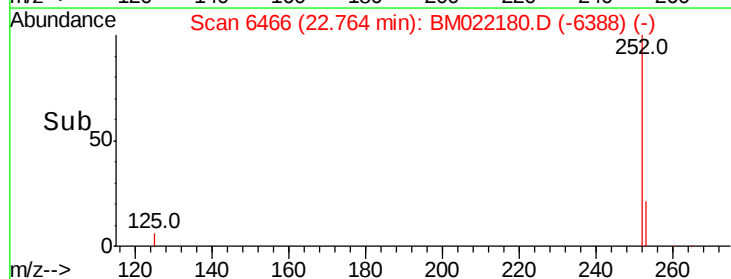
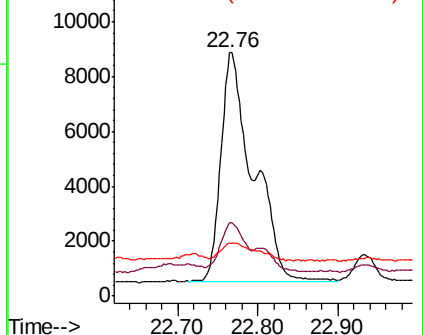
125 21.7 0.0 31.0

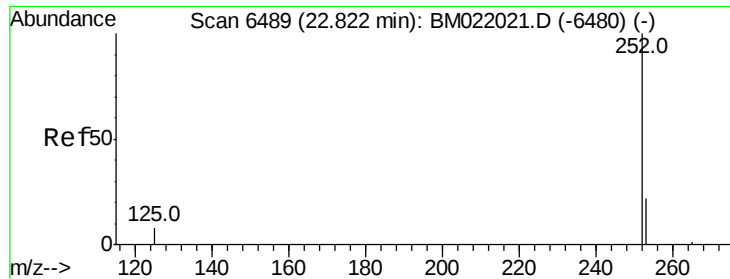


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.258 ng/ul

RT: 22.76 min Scan# 6466

Delta R.T. -0.06 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

ClientSampleId :

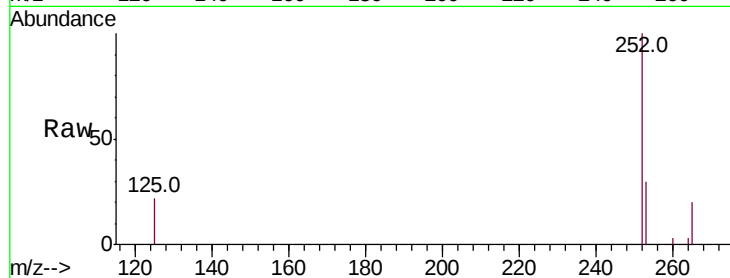
Tot Ion:252 Resp: 23455

Ion Ratio Lower Upper

252 100

253 30.1 27.0 40.4

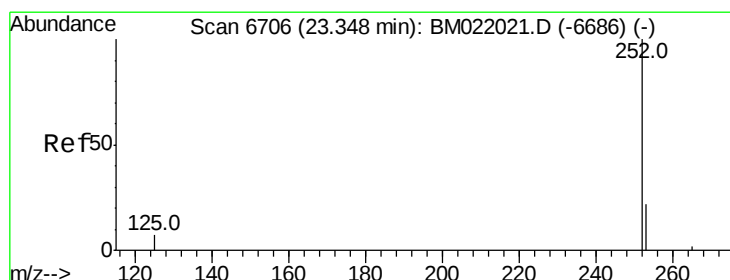
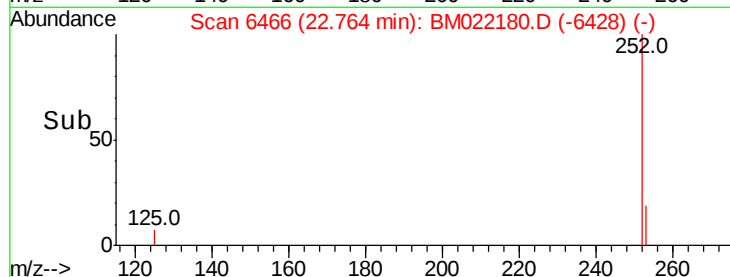
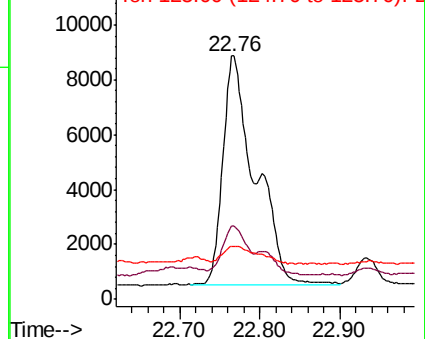
125 21.7 12.2 18.2#



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



#23

Benzo(a)pyrene

Concen: 0.612 ng/ul

RT: 23.33 min Scan# 6699

Delta R.T. -0.02 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

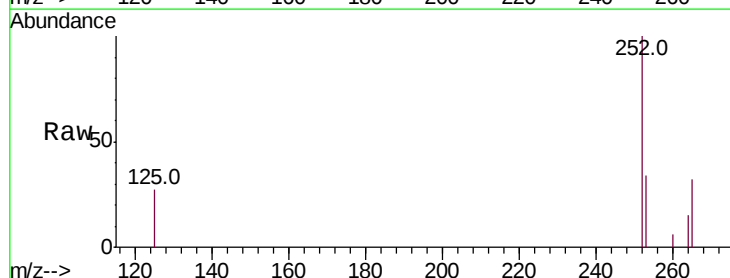
Tgt Ion:252 Resp: 10254

Ion Ratio Lower Upper

252 100

253 34.2 31.7 47.5

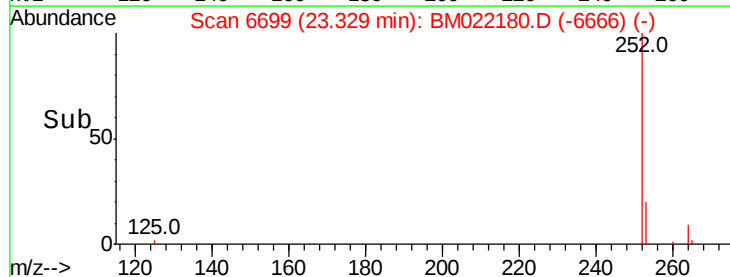
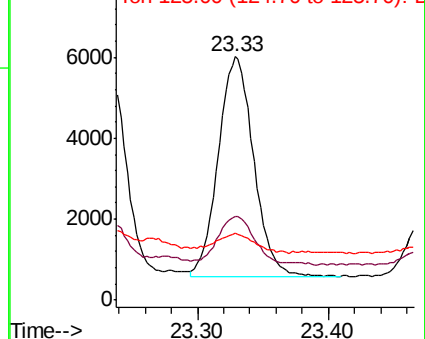
125 27.3 14.6 21.8#

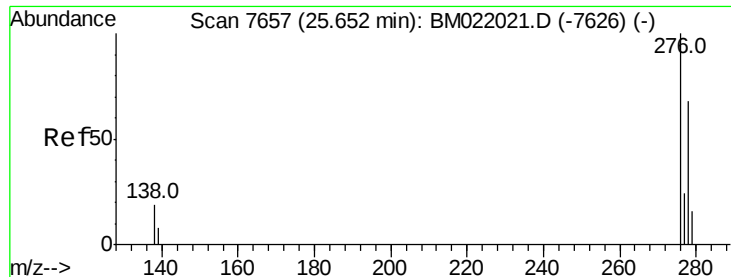


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



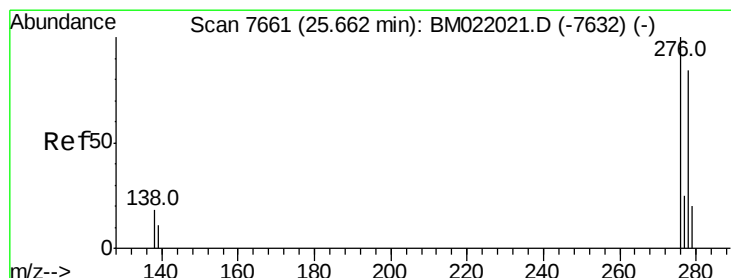
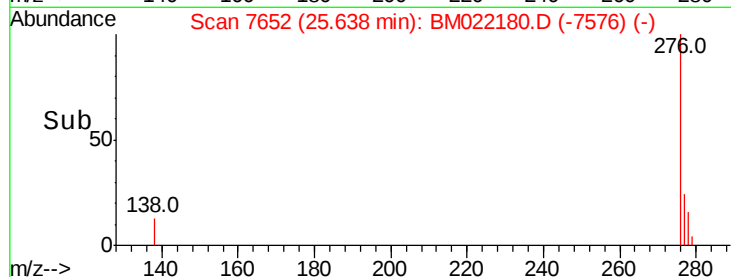
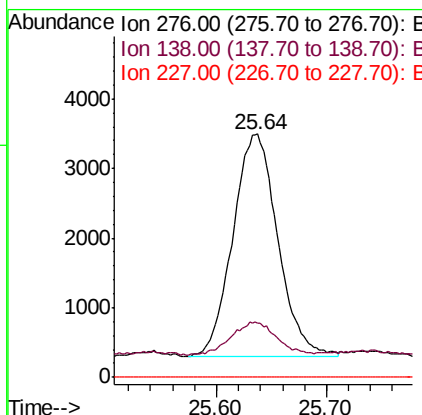
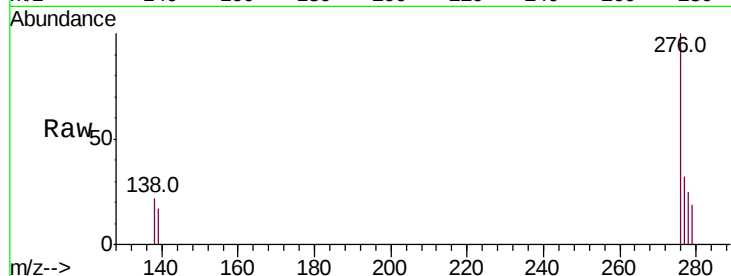


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/u1
RT: 25.64 min Scan# 7652
Delta R.T. -0.02 min
Lab File: BM022180.D
Acq: 16 Aug 2019 21:16

Instrument :
BNA_M
ClientSampleId :

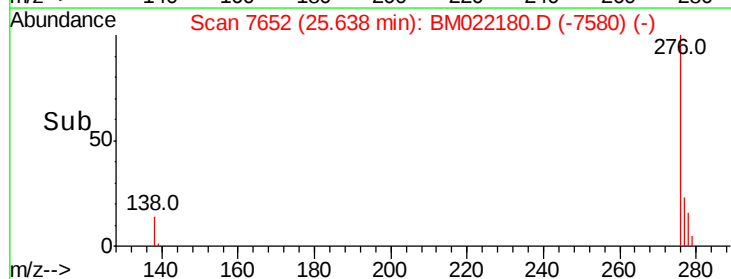
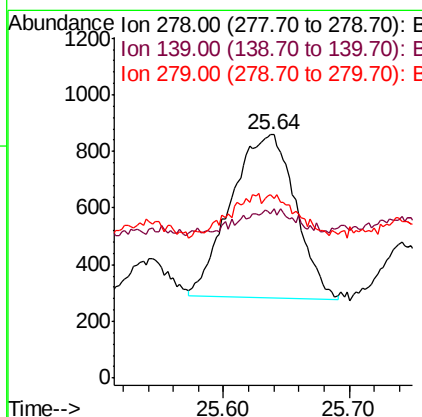
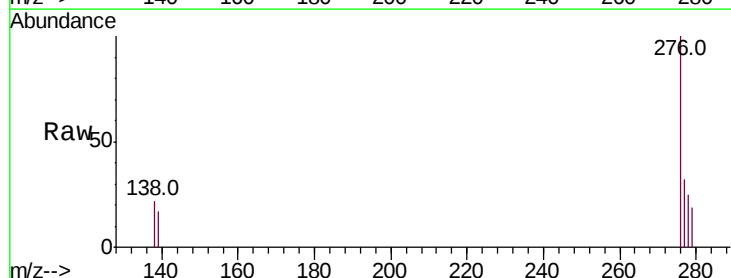
Tot Ion:276 Resp: 9089
Ion Ratio Lower Upper
276 100
138 15.1 15.1 22.7#
227 0.0 0.0 0.0

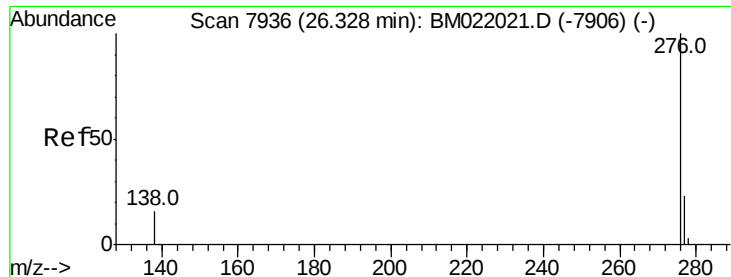


#25

Dibenzo(a,h)anthracene
Concen: 0.128 ng/u1
RT: 25.64 min Scan# 7652
Delta R.T. -0.03 min
Lab File: BM022180.D
Acq: 16 Aug 2019 21:16

Tgt Ion:278 Resp: 2064
Ion Ratio Lower Upper
278 100
139 67.3 14.2 21.2#
279 75.6 28.3 42.5#





#26

Benzo(a,h,i)perylene

Concen: 0.508 ng/ul

RT: 26.32 min Scan# 7932

Delta R.T. -0.02 min

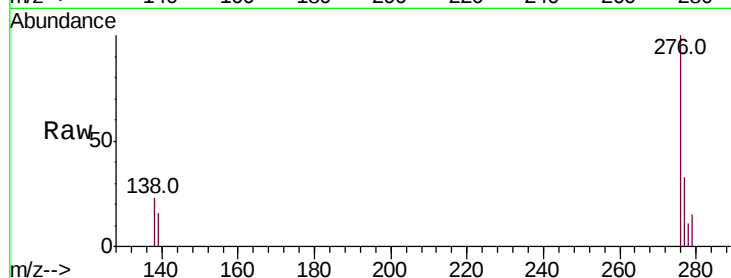
Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

ClientSampleId :



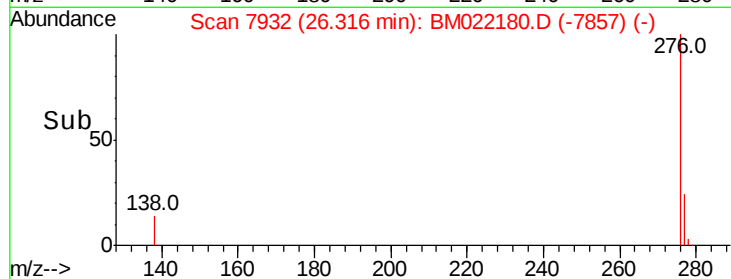
Tot Ion:276 Resp: 9151

Ion Ratio Lower Upper

276 100

138 23.1 15.5 23.3

277 32.9 21.4 32.2#



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

