

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022179.D
 Acq On : 16 Aug 2019 20:39
 Operator : HP/JU
 Sample : K4242-11 DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 04:14:38 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

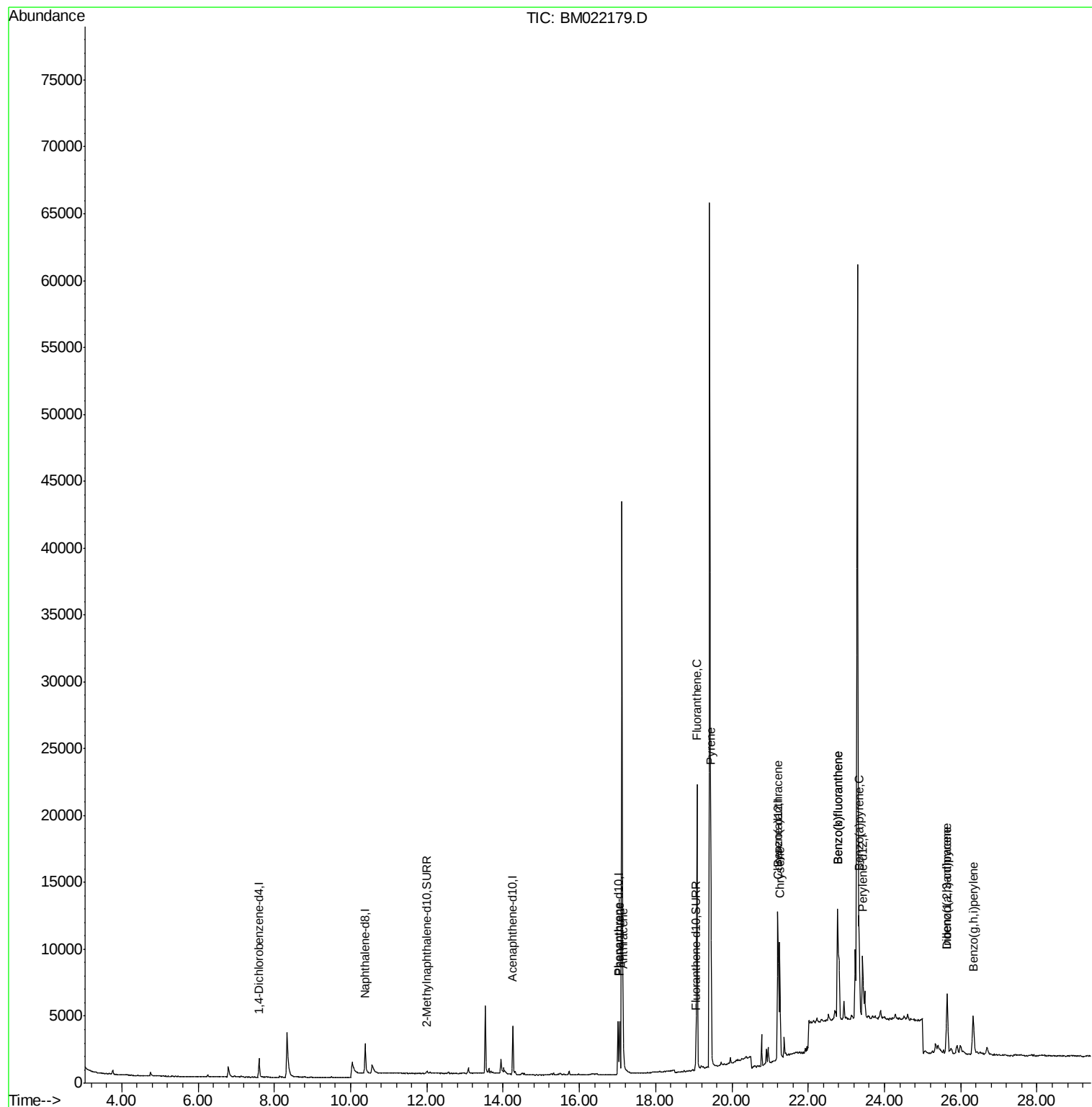
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	834	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3729	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	2287	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	5266	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5295	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	5849	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	318	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	958	0.05	ng/ul	-0.02
Target Compounds				Ovalue		
12) Phenanthrene	17.05	178	4463	0.291	ng/ul	100
13) Anthracene	17.15	178	1031	0.079	ng/ul#	83
15) Fluoranthene	19.08	202	19406	0.945	ng/ul	97
17) Pyrene	19.45	202	16739	0.769	ng/ul	98
18) Benzo(a)anthracene	21.20	228	8718	0.460	ng/ul	94
19) Chrysene	21.25	228	9713	0.399	ng/ul#	93
21) Benzo(b)fluoranthene	22.77	252	19154	0.971	ng/ul	92
22) Benzo(k)fluoranthene	22.77	252	19154	0.858	ng/ul#	92
23) Benzo(a)pyrene	23.33	252	9162	0.457	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.64	276	7750	0.324	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.64	278	1713	0.088	ng/ul#	5
26) Benzo(g,h,i)perylene	26.32	276	6255	0.290	ng/ul#	82

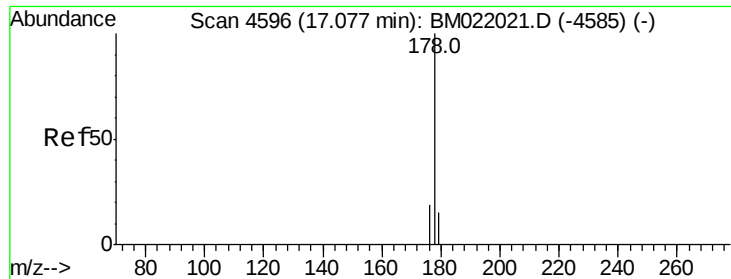
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.291 ng/ul

RT: 17.05 min Scan# 4589

Delta R.T. -0.02 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

ClientSampleId :

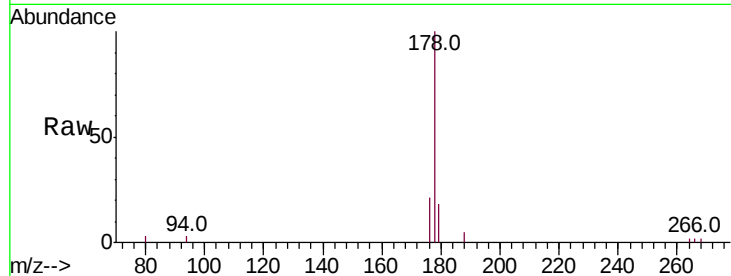
Tot Ion:178 Resp: 4463

Ion Ratio Lower Upper

178 100

179 17.6 14.2 21.2

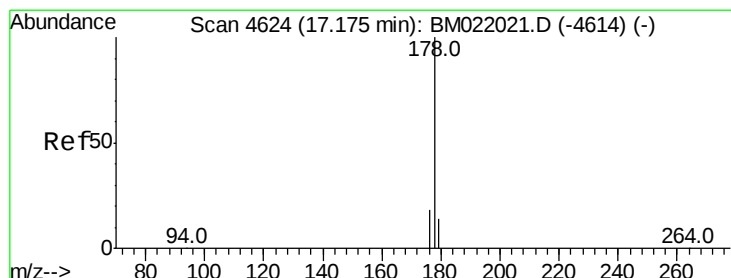
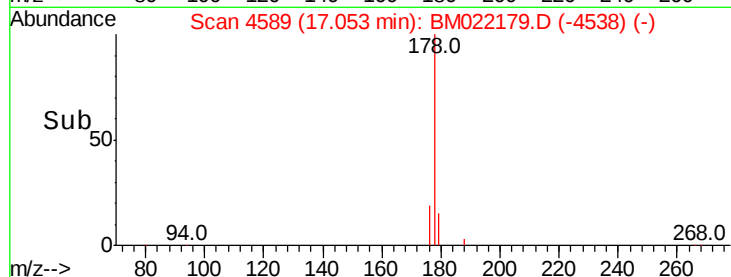
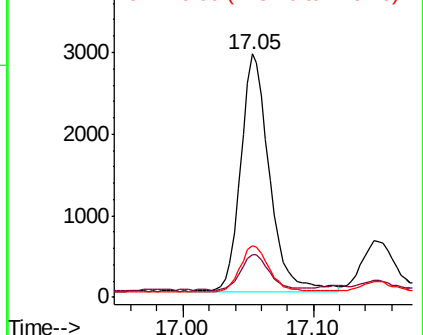
176 21.3 16.8 25.2



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: 0.079 ng/ul

RT: 17.15 min Scan# 4616

Delta R.T. -0.03 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

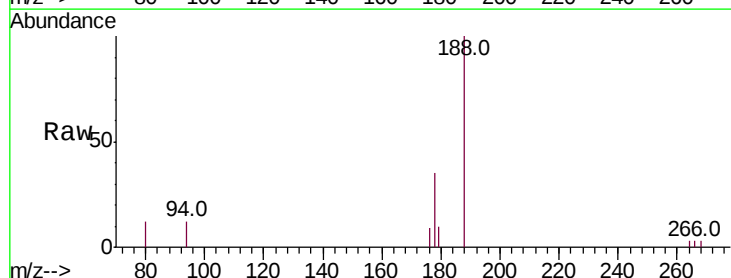
Tgt Ion:178 Resp: 1031

Ion Ratio Lower Upper

178 100

179 29.1 15.5 23.3#

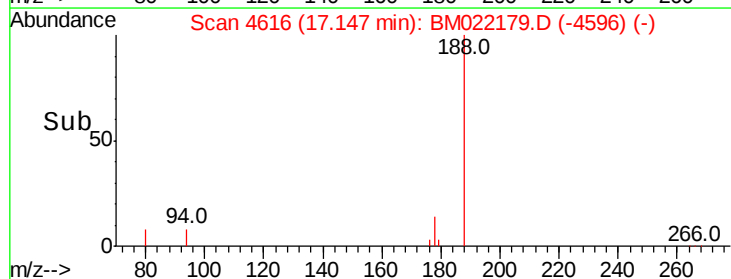
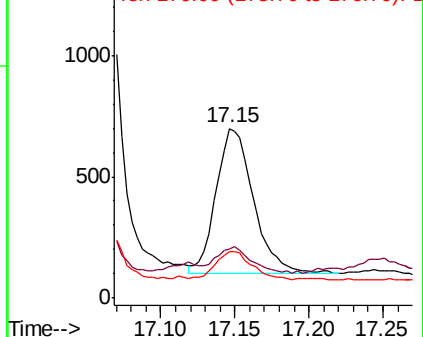
176 27.1 16.6 25.0#

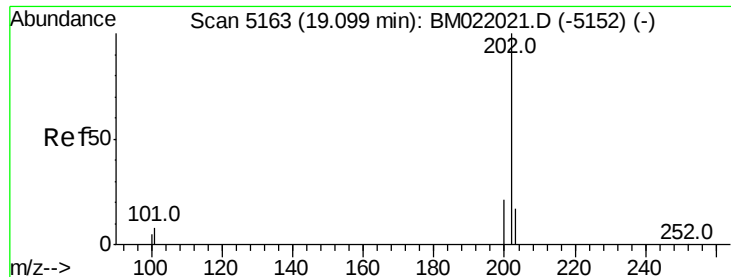


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.945 ng/ul

RT: 19.08 min Scan# 5158

Delta R.T. -0.02 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

ClientSampleId :

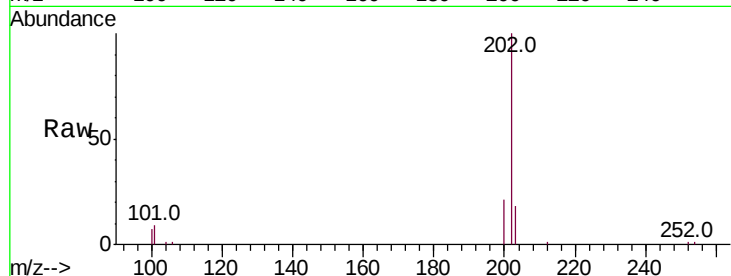
Tot Ion:202 Resp: 19406

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.2

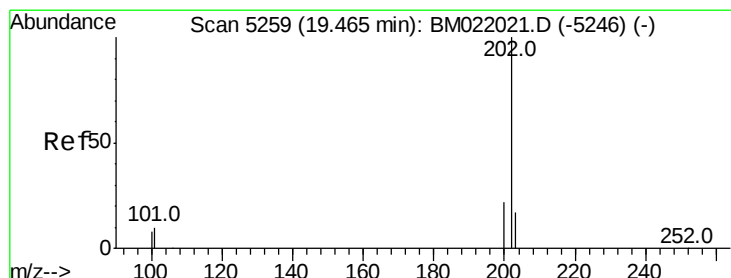
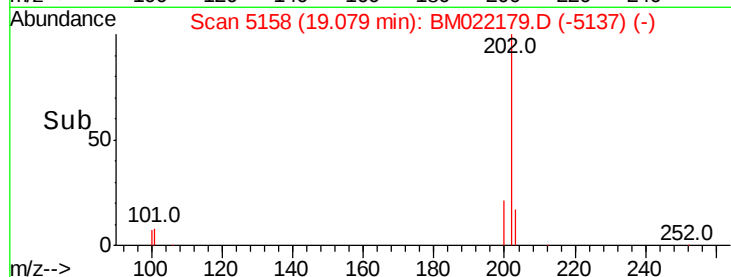
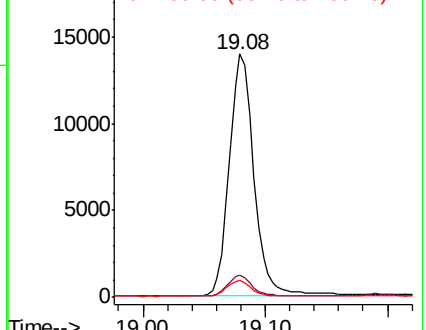
100 7.0 0.0 28.1



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): B



#17

Pyrene

Concen: 0.769 ng/ul

RT: 19.45 min Scan# 5254

Delta R.T. -0.02 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

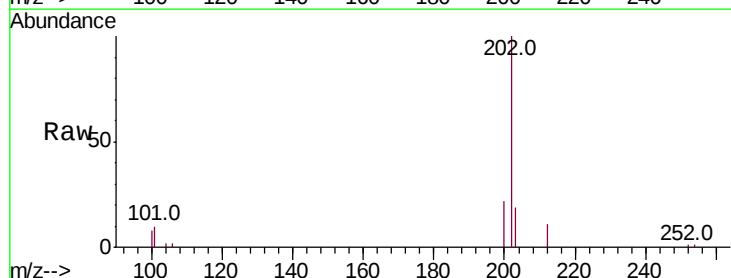
Tgt Ion:202 Resp: 16739

Ion Ratio Lower Upper

202 100

101 10.0 8.3 12.5

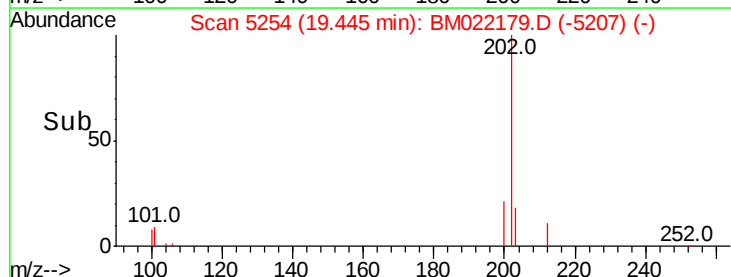
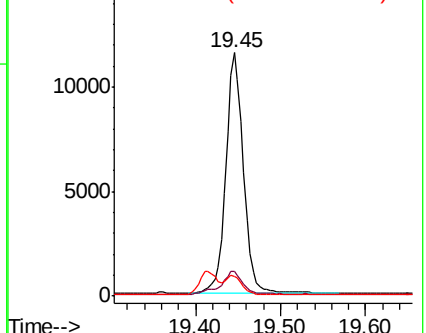
100 8.2 7.2 10.8

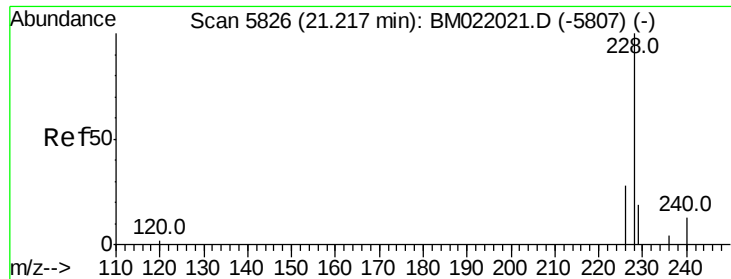


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.460 ng/ul

RT: 21.20 min Scan# 5819

Delta R.T. -0.02 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

ClientSampleId :

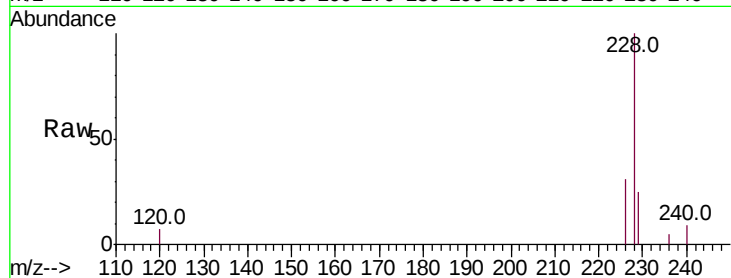
Tot Ion:228 Resp: 8718

Ion Ratio Lower Upper

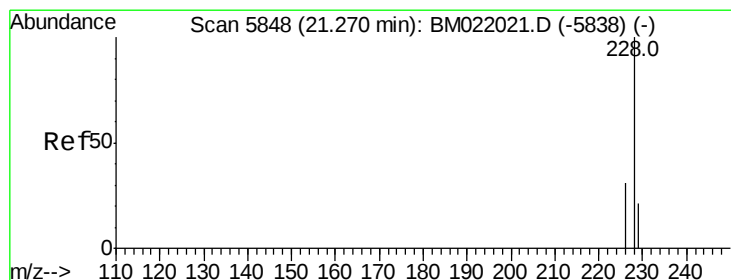
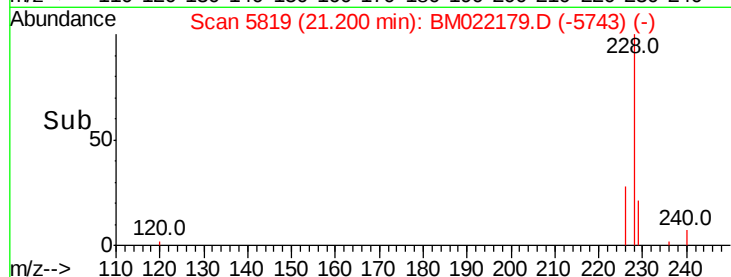
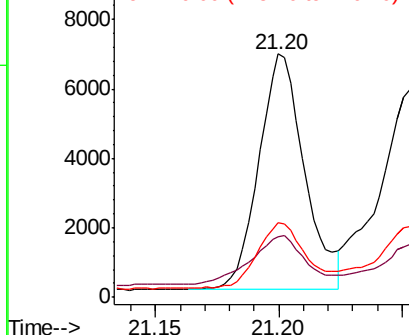
228 100

229 25.1 17.2 25.8

226 30.8 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: 0.399 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.02 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

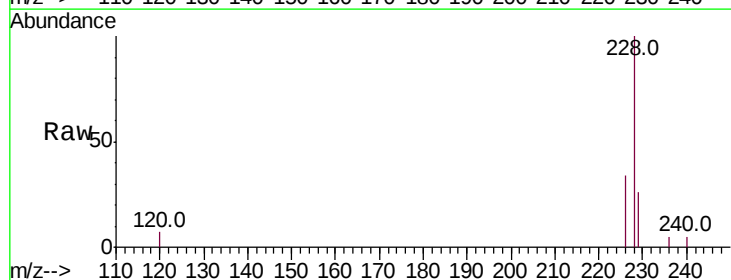
Tgt Ion:228 Resp: 9713

Ion Ratio Lower Upper

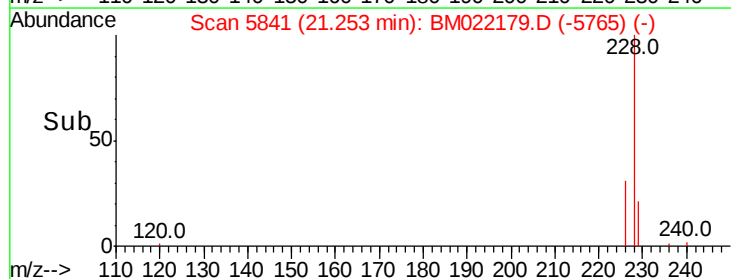
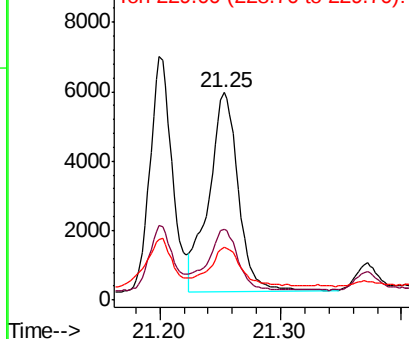
228 100

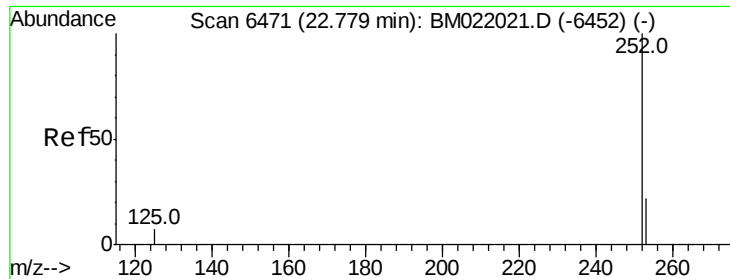
226 34.0 24.9 37.3

229 25.6 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: 0.971 ng/ul

RT: 22.77 min Scan# 6466

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

ClientSampleId :

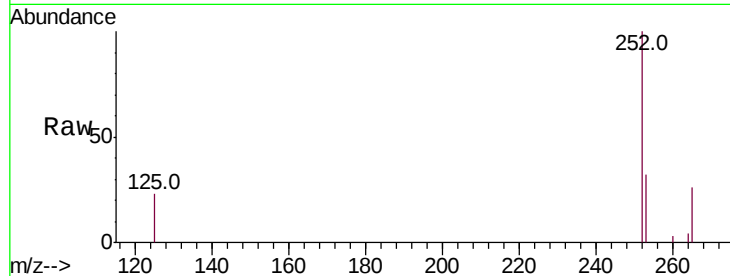
Tot Ion:252 Resp: 19154

Ion Ratio Lower Upper

252 100

253 32.0 0.0 67.4

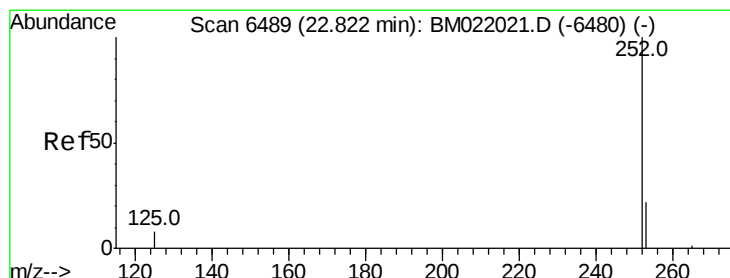
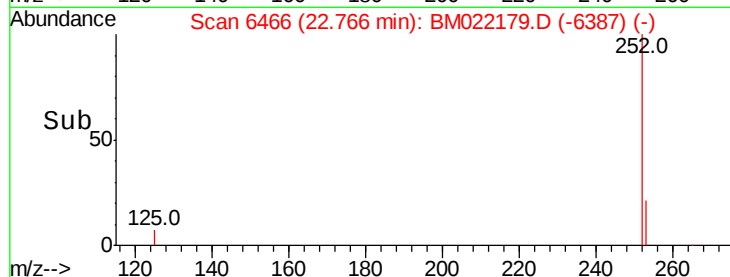
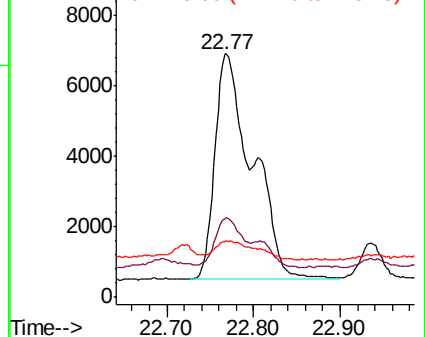
125 23.0 0.0 31.0



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: 0.858 ng/ul

RT: 22.77 min Scan# 6466

Delta R.T. -0.06 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

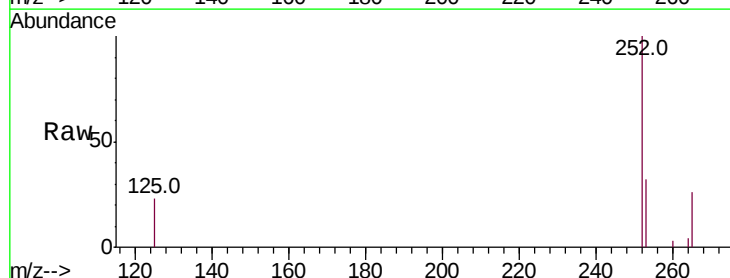
Tgt Ion:252 Resp: 19154

Ion Ratio Lower Upper

252 100

253 32.0 27.0 40.4

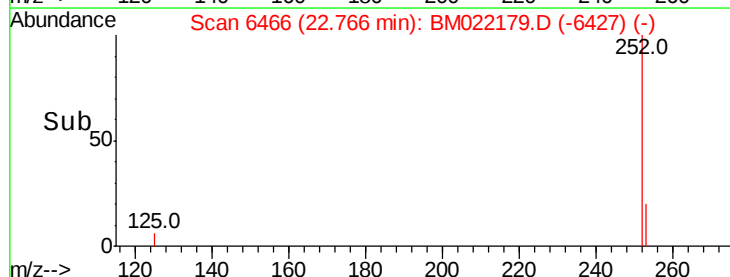
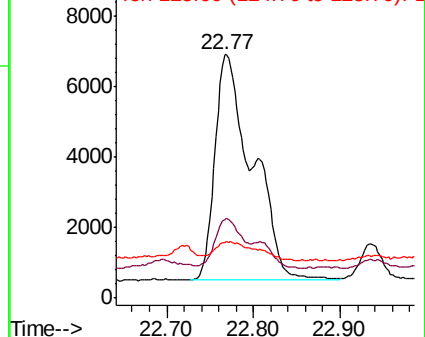
125 23.0 12.2 18.2#

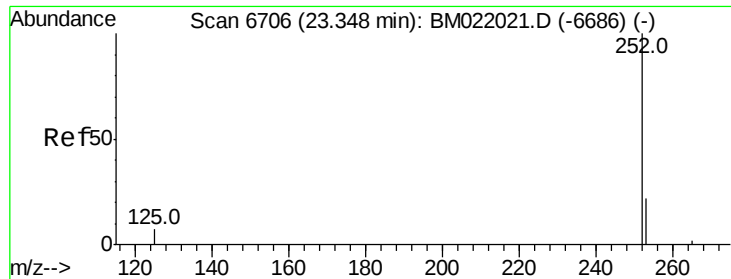


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.457 ng/ul

RT: 23.33 min Scan# 6699

Delta R.T. -0.02 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

ClientSampleId :

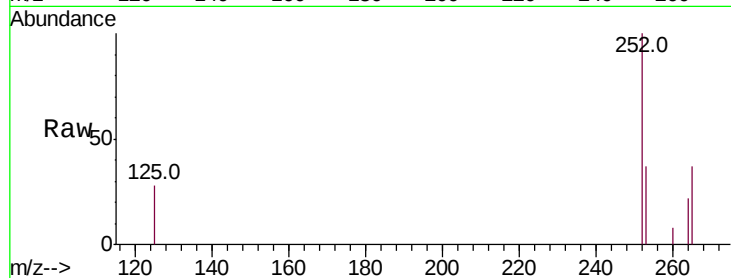
Tot Ion:252 Resp: 9162

Ion Ratio Lower Upper

252 100

253 36.5 31.7 47.5

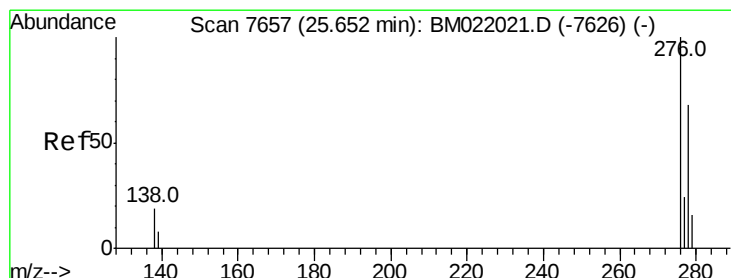
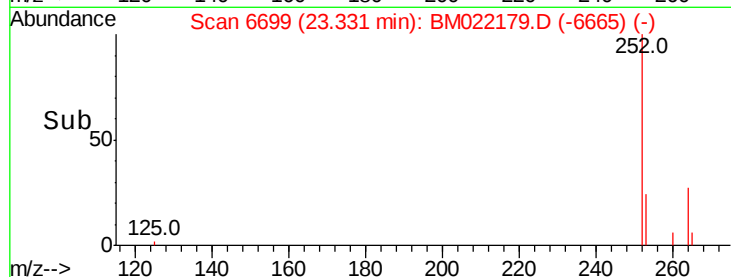
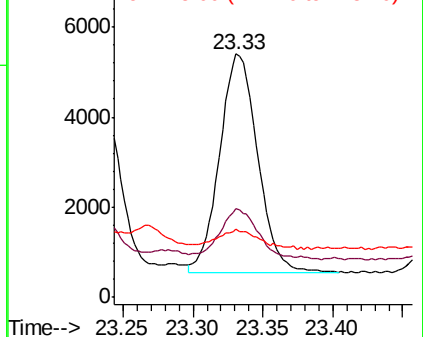
125 27.9 14.6 21.8#



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: 0.324 ng/ul

RT: 25.64 min Scan# 7654

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

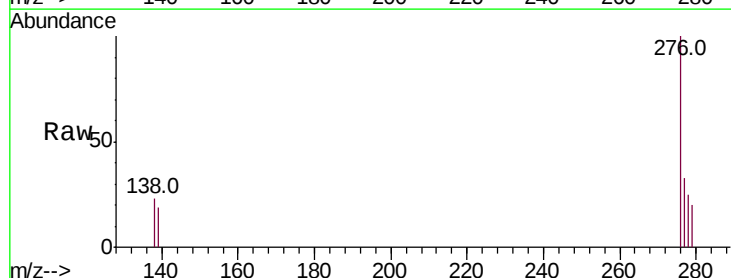
Tgt Ion:276 Resp: 7750

Ion Ratio Lower Upper

276 100

138 15.5 15.1 22.7

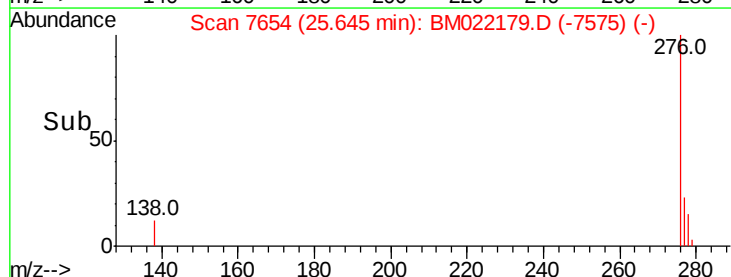
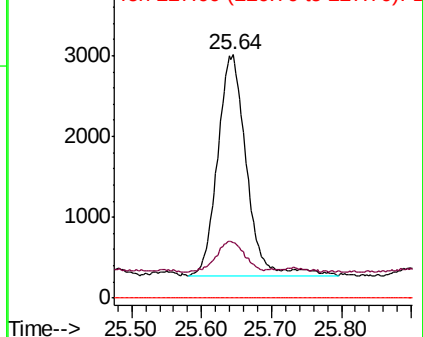
227 0.0 0.0 0.0

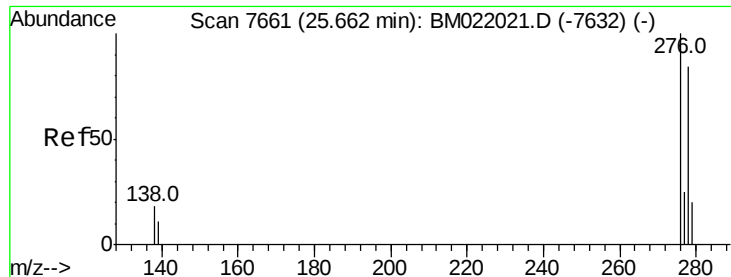


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.088 ng/ul

RT: 25.64 min Scan# 7652

Delta R.T. -0.02 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Instrument :

BNA_M

ClientSampleId :

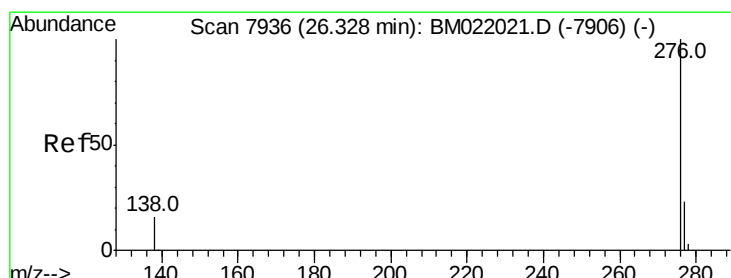
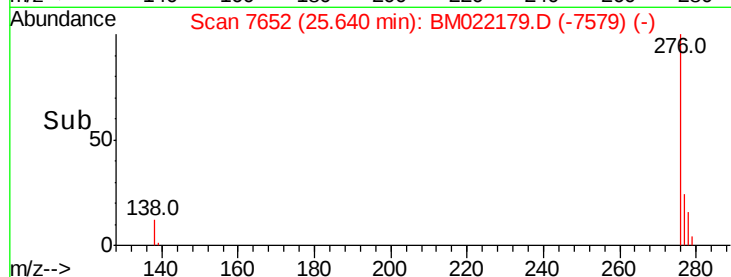
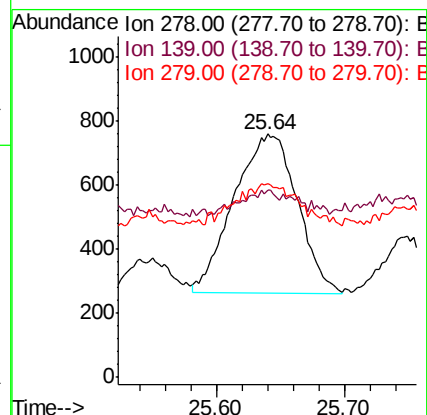
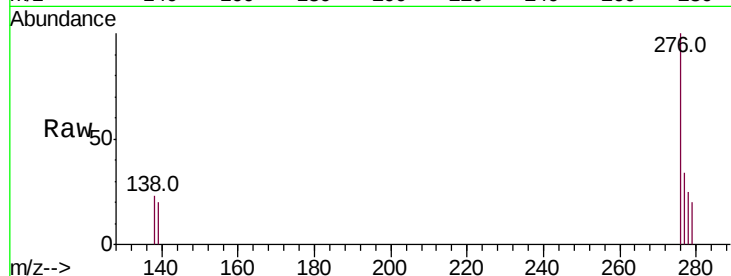
Tot Ion:278 Resp: 1713

Ion Ratio Lower Upper

278 100

139 77.0 14.2 21.2#

279 79.4 28.3 42.5#



#26

Benzo(g,h,i)perylene

Concen: 0.290 ng/ul

RT: 26.32 min Scan# 7934

Delta R.T. -0.01 min

Lab File: BM022179.D

Acq: 16 Aug 2019 20:39

Tgt Ion:276 Resp: 6255

Ion Ratio Lower Upper

276 100

138 26.6 15.5 23.3#

277 36.6 21.4 32.2#

