

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025108.D
 Acq On : 27 Feb 2020 18:03
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 04:27:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

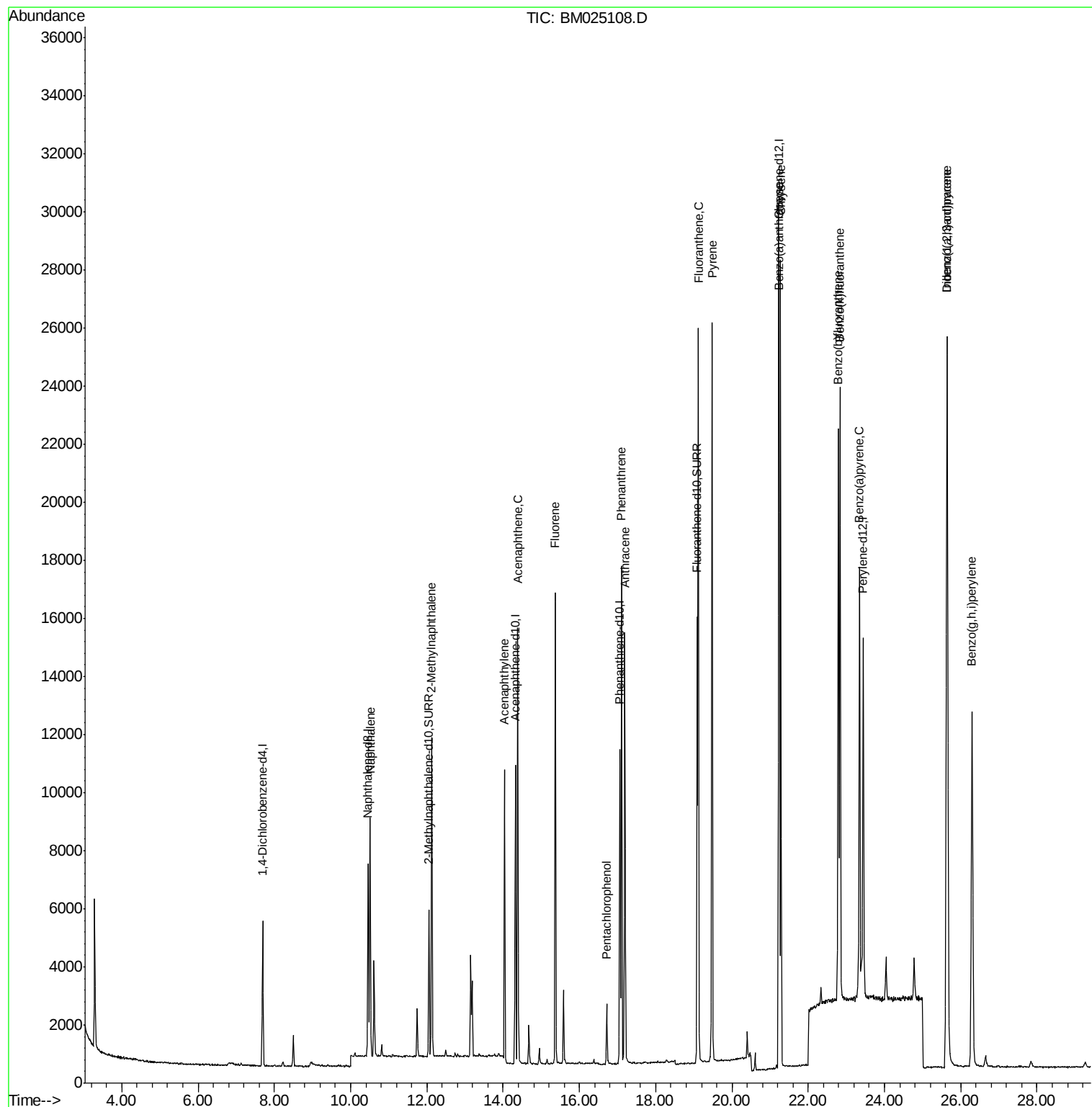
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2377	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9049	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.32	164	5598	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	12760	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	13756	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	15727	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6586	0.39	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	17129	0.39	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	11083	0.402	ng/ul#	84
5) 2-Methylnaphthalene	12.13	142	7662	0.385	ng/ul	99
7) Acenaphthylene	14.03	152	11391	0.353	ng/ul	96
8) Acenaphthene	14.38	153	8394	0.387	ng/ul	97
9) Fluorene	15.37	166	10065	0.370	ng/ul	97
11) Pentachlorophenol	16.71	266	1394	0.358	ng/ul	95
12) Phenanthrene	17.10	178	17633	0.393	ng/ul	96
13) Anthracene	17.19	178	15643	0.360	ng/ul	96
15) Fluoranthene	19.12	202	21997	0.337	ng/ul	97
17) Pyrene	19.48	202	22166	0.358	ng/ul	96
18) Benzo(a)anthracene	21.23	228	22079	0.372	ng/ul	98
19) Chrysene	21.28	228	23186	0.392	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	24638	0.400	ng/ul	93
22) Benzo(k)fluoranthene	22.83	252	25429	0.416	ng/ul	97
23) Benzo(a)pyrene	23.35	252	21989	0.391	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.63	276	30329	0.430	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.65	278	25307	0.427	ng/ul	97
26) Benzo(g,h,i)perylene	26.29	276	25337	0.426	ng/ul#	92

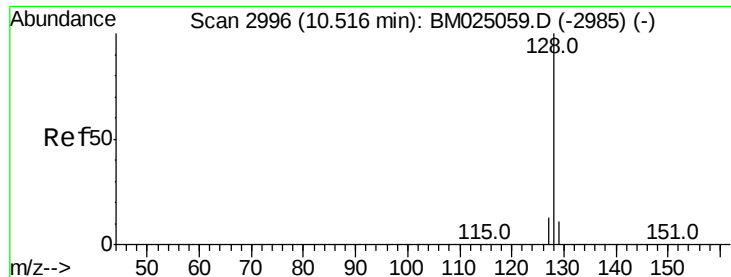
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025108.D
Acq On : 27 Feb 2020 18:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 28 04:27:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.402 ng/ul

RT: 10.51 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

Instrument :

BNA_M

ClientSampleId :

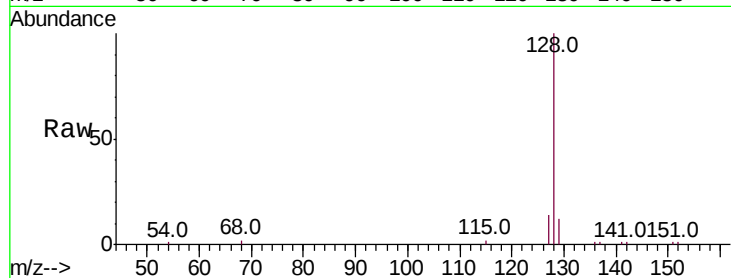
Tot Ion:128 Resp: 11083

Ion Ratio Lower Upper

128 100

129 12.3 17.0 25.6#

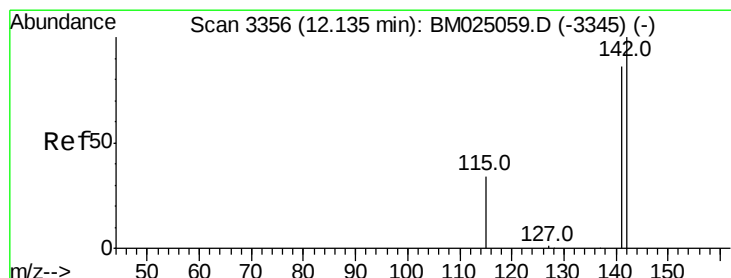
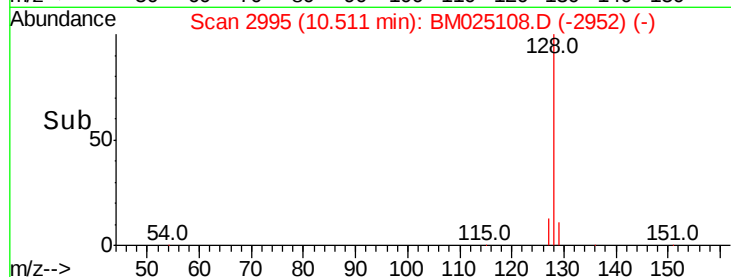
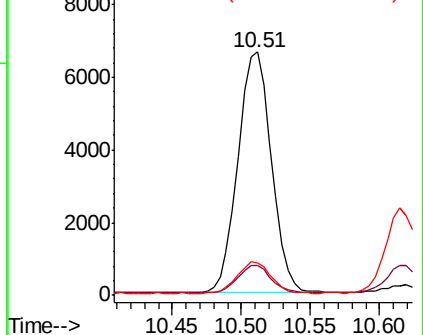
127 13.6 15.7 23.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.385 ng/ul

RT: 12.13 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM025108.D

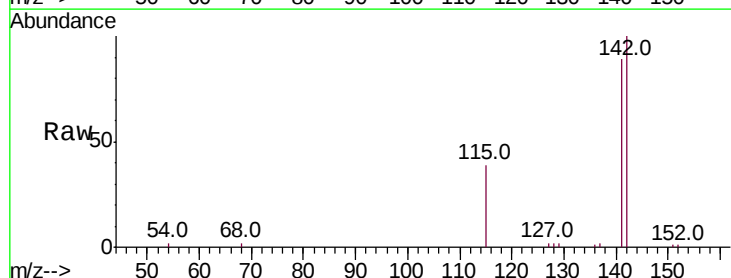
Acq: 27 Feb 2020 18:03

Tgt Ion:142 Resp: 7662

Ion Ratio Lower Upper

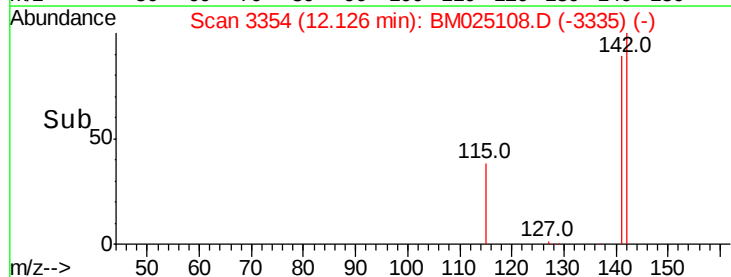
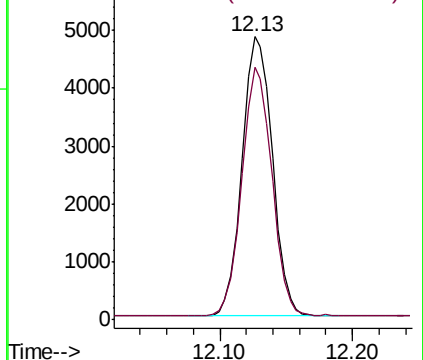
142 100

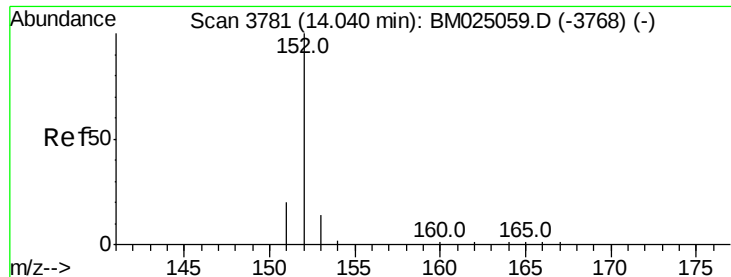
141 88.0 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.353 ng/ul

RT: 14.03 min Scan# 3779

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

Instrument :

BNA_M

ClientSampleId :

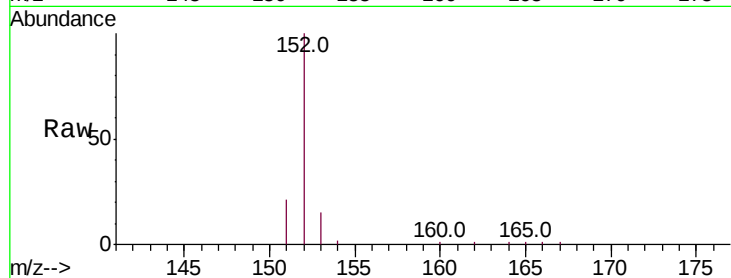
Tot Ion:152 Resp: 11391

Ion Ratio Lower Upper

152 100

151 20.8 17.8 26.8

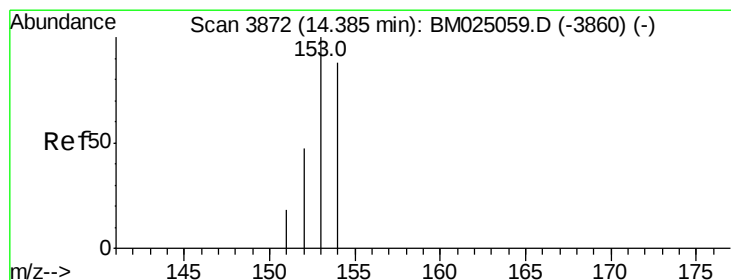
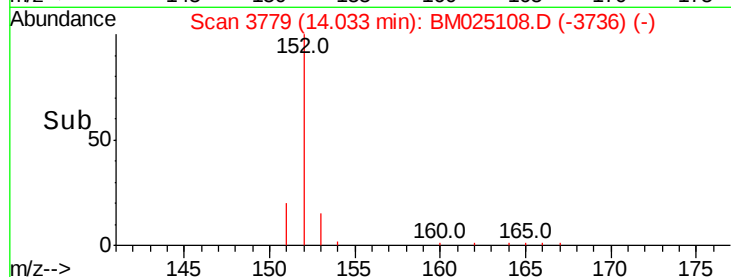
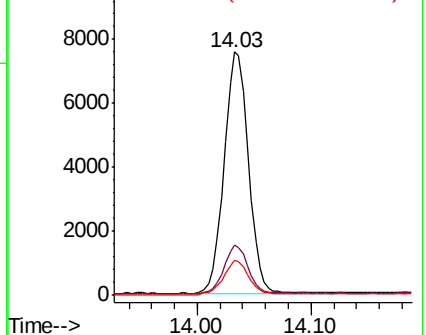
153 14.6 13.3 19.9



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



#8

Acenaphthene

Concen: 0.387 ng/ul

RT: 14.38 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

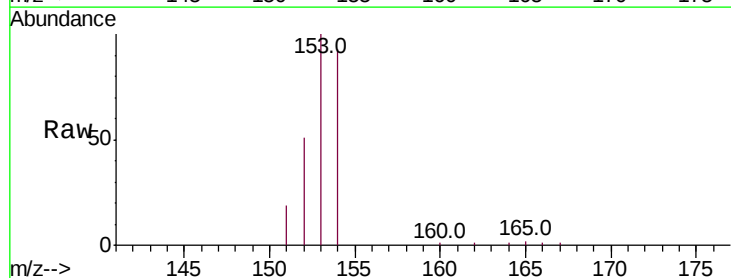
Tgt Ion:153 Resp: 8394

Ion Ratio Lower Upper

153 100

152 50.7 40.0 60.0

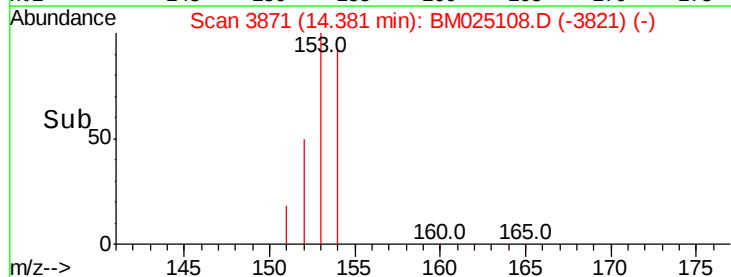
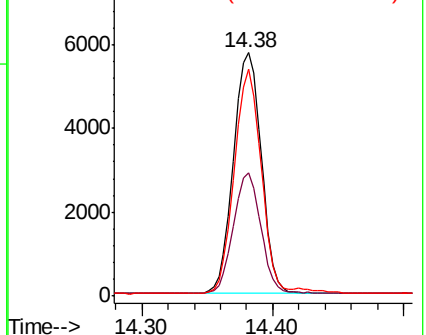
154 93.1 71.0 106.6

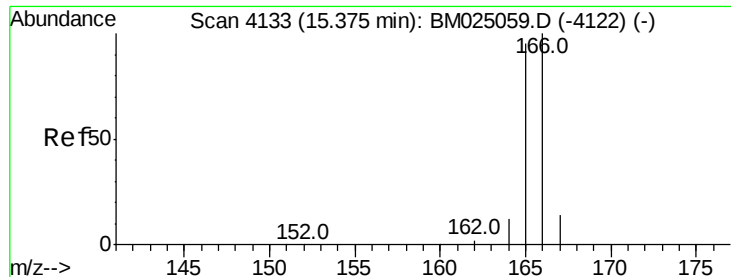


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.370 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

Instrument :

BNA_M

ClientSampleId :

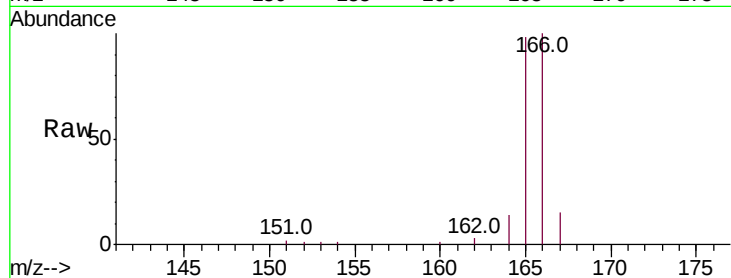
Tot Ion:166 Resp: 10065

Ion Ratio Lower Upper

166 100

165 97.7 80.0 120.0

167 14.5 13.7 20.5

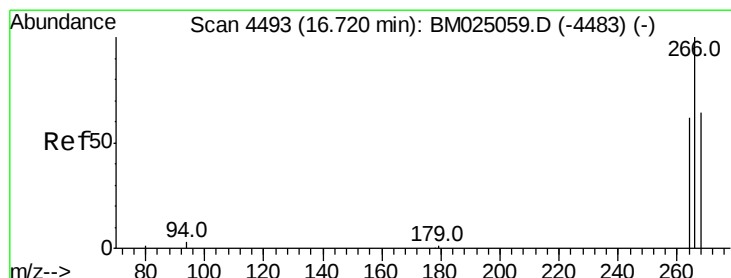
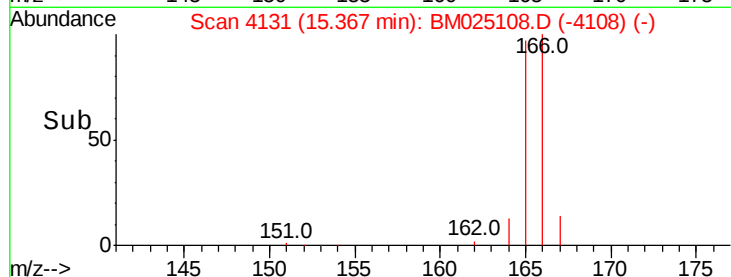
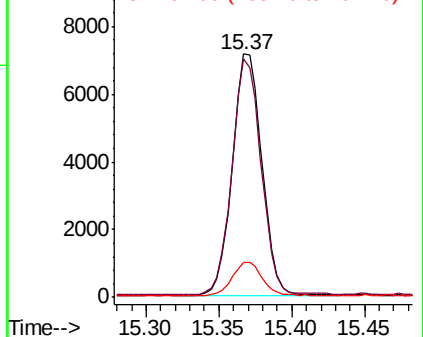


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.358 ng/ul

RT: 16.71 min Scan# 4491

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

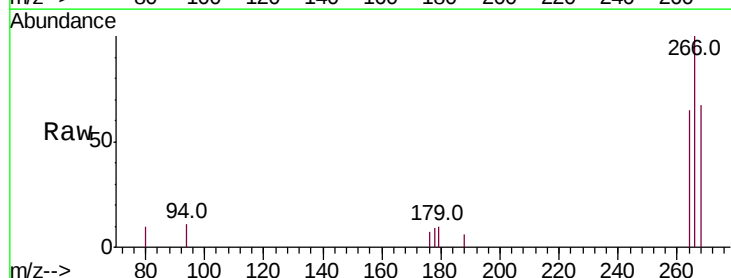
Tgt Ion:266 Resp: 1394

Ion Ratio Lower Upper

266 100

264 64.3 49.8 74.6

268 66.1 49.0 73.4

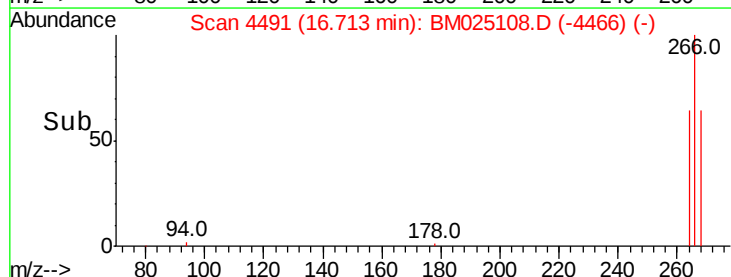
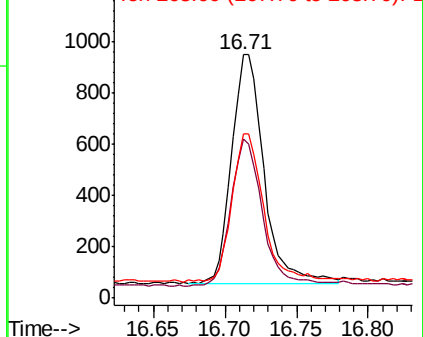


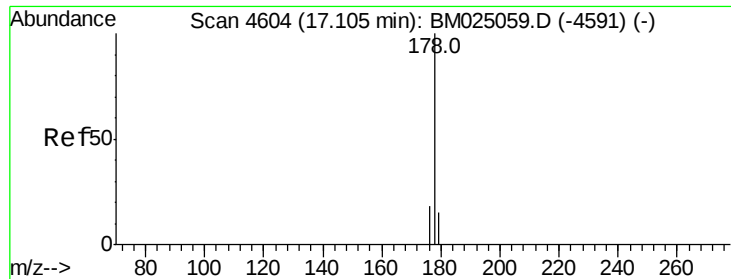
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

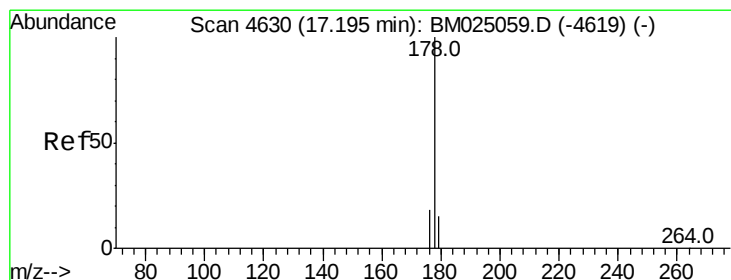
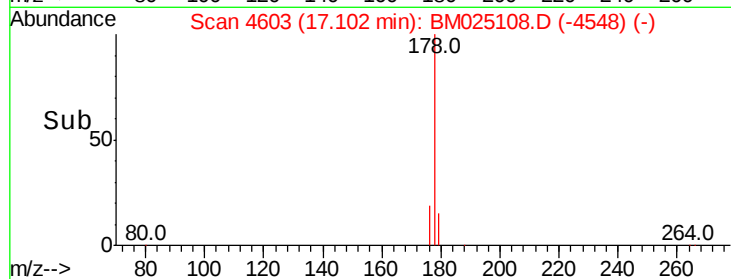
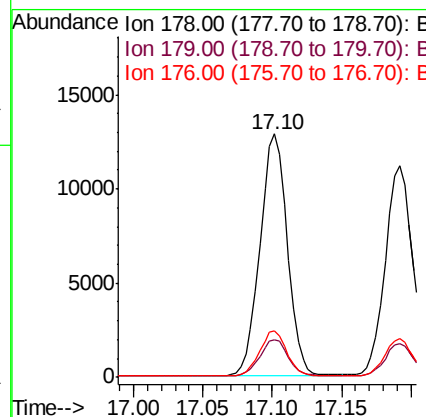
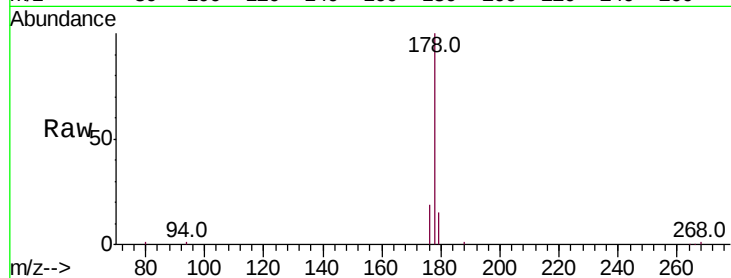




#12
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.10 min Scan# 4603
Delta R.T. -0.01 min
Lab File: BM025108.D
Acq: 27 Feb 2020 18:03

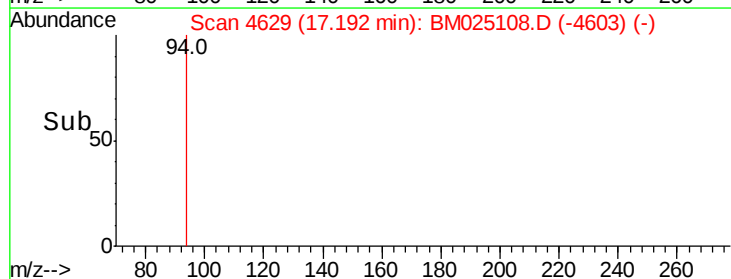
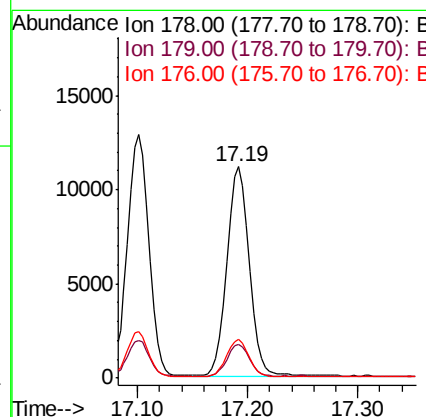
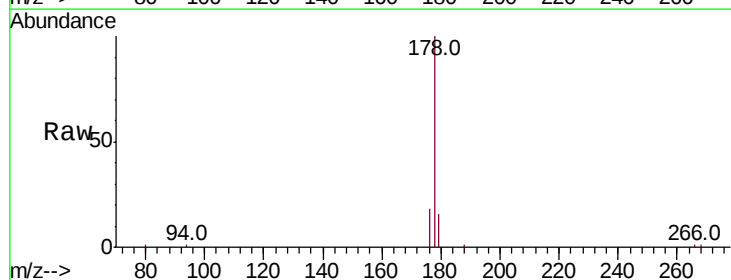
Instrument :
BNA_M
ClientSampleId :

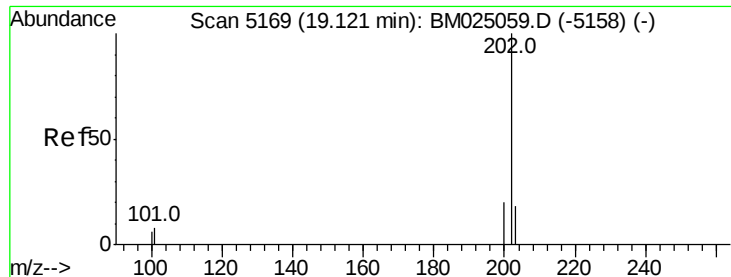
Tot Ion:178 Resp: 17633
Ion Ratio Lower Upper
178 100
179 15.4 14.0 21.0
176 19.1 16.6 24.8



#13
Anthracene
Concen: 0.360 ng/ul
RT: 17.19 min Scan# 4629
Delta R.T. -0.01 min
Lab File: BM025108.D
Acq: 27 Feb 2020 18:03

Tgt Ion:178 Resp: 15643
Ion Ratio Lower Upper
178 100
179 16.1 14.1 21.1
176 18.3 16.2 24.4

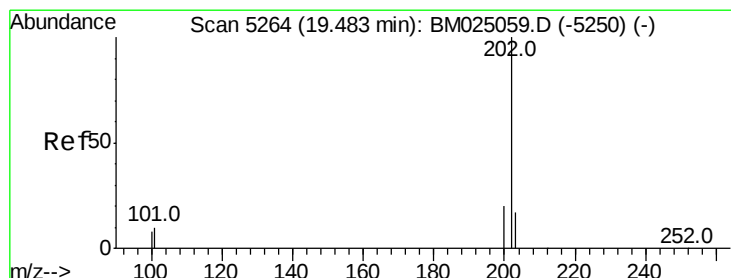
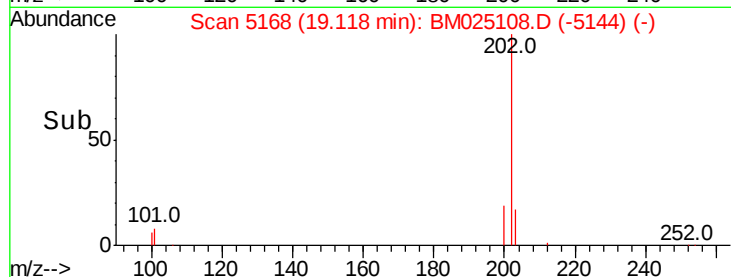
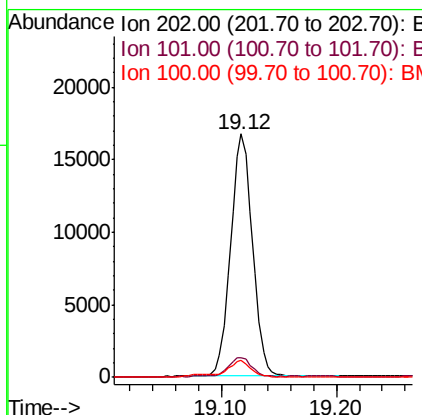
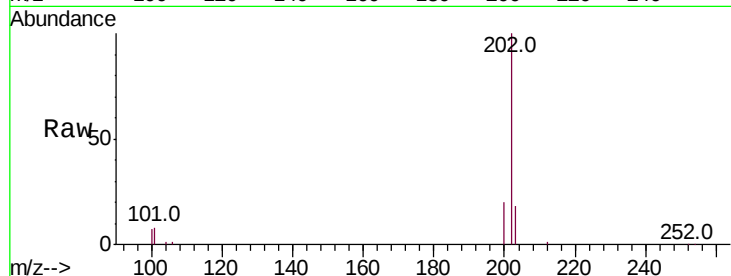




#15
Fluoranthene
Concen: 0.337 ng/ul
RT: 19.12 min Scan# 5168
Delta R.T. -0.01 min
Lab File: BM025108.D
Acq: 27 Feb 2020 18:03

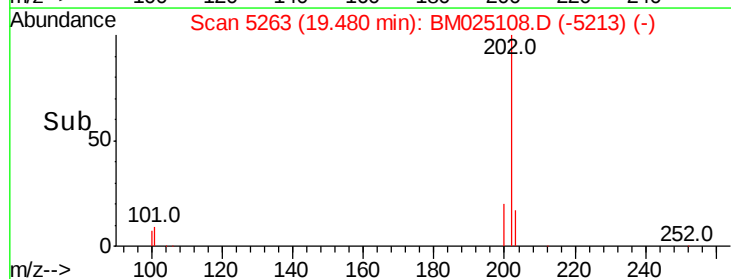
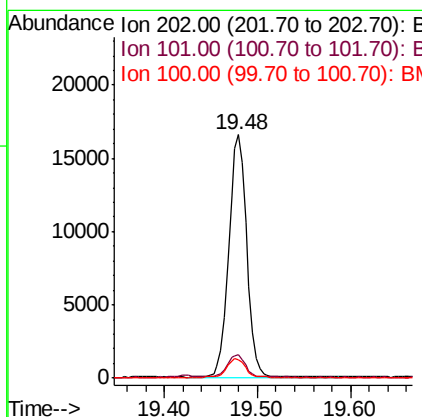
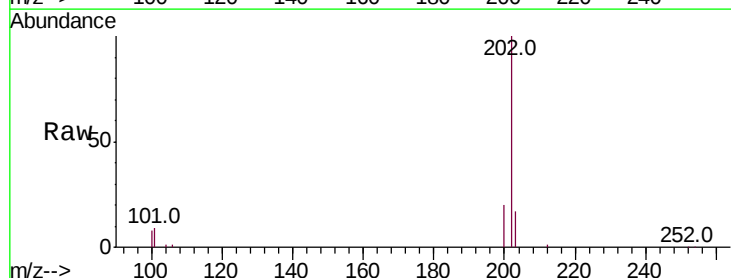
Instrument :
BNA_M
ClientSampleId :

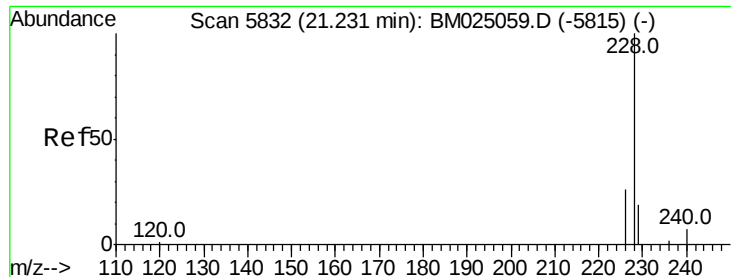
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.4
100	6.8	0.0	28.0



#17
Pyrene
Concen: 0.358 ng/ul
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025108.D
Acq: 27 Feb 2020 18:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.7	13.1
100	7.8	7.3	10.9





#18

Benzo(a)anthracene

Concen: 0.372 ng/ul

RT: 21.23 min Scan# 5830

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

Instrument :

BNA_M

ClientSampleId :

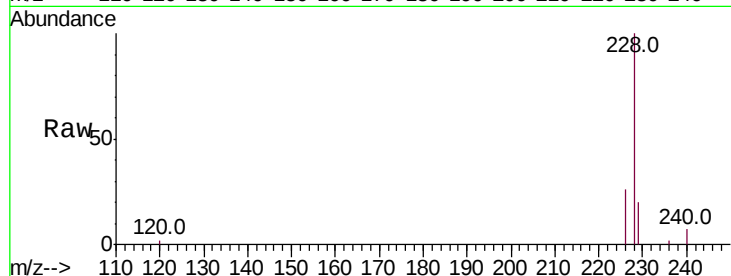
Tot Ion:228 Resp: 22079

Ion Ratio Lower Upper

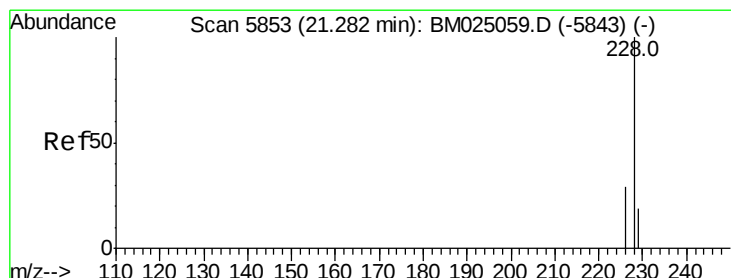
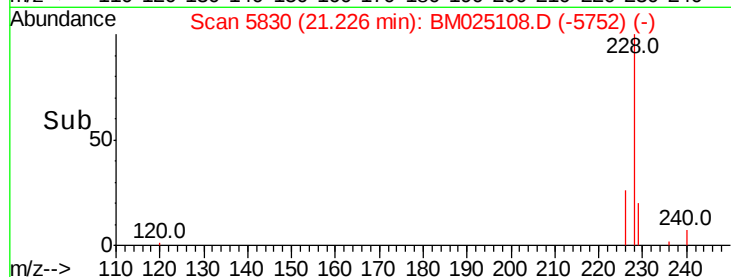
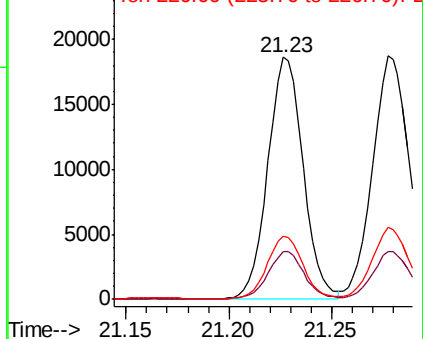
228 100

229 19.8 16.6 25.0

226 26.2 21.9 32.9



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: 0.392 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

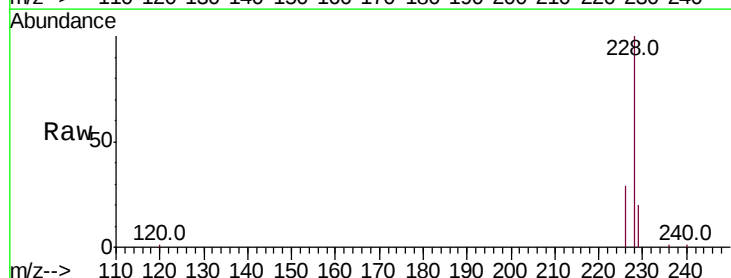
Tgt Ion:228 Resp: 23186

Ion Ratio Lower Upper

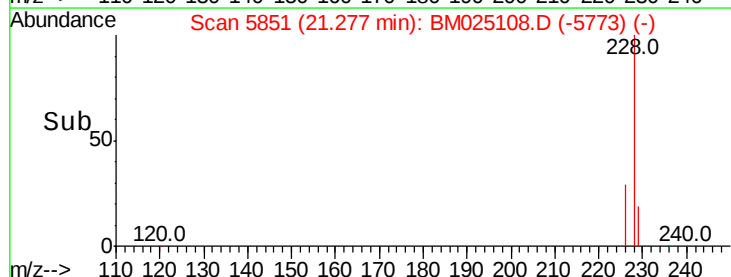
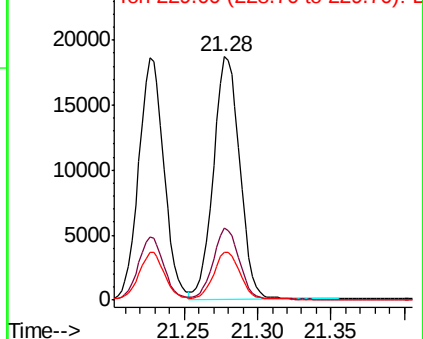
228 100

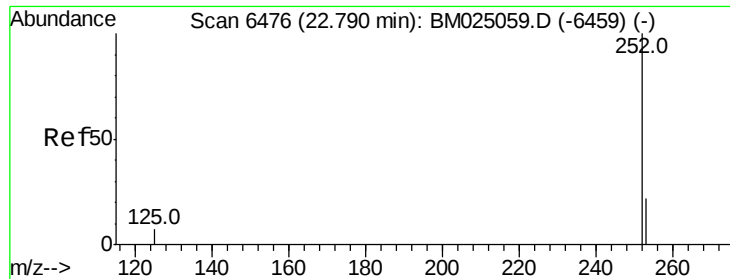
226 29.4 23.8 35.8

229 19.7 16.9 25.3



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: 0.400 ng/ul

RT: 22.79 min Scan# 6475

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

Instrument :

BNA_M

ClientSampleId :

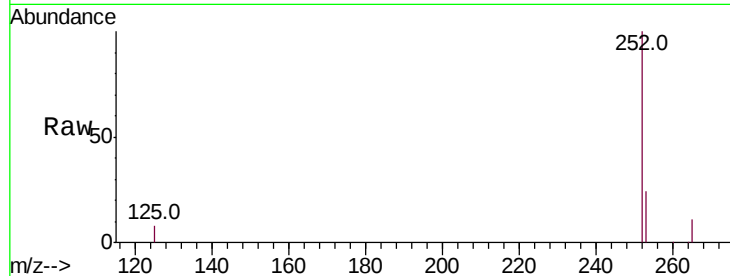
Tot Ion:252 Resp: 24638

Ion Ratio Lower Upper

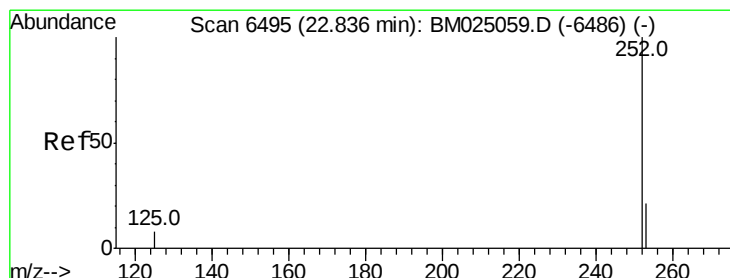
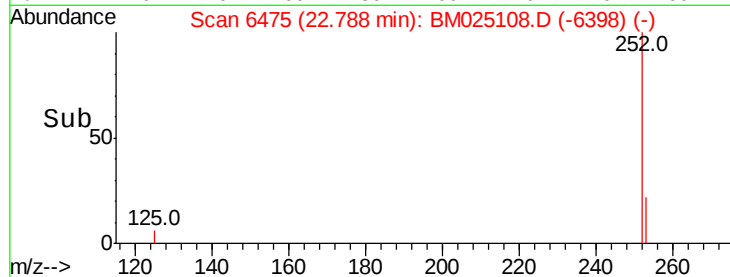
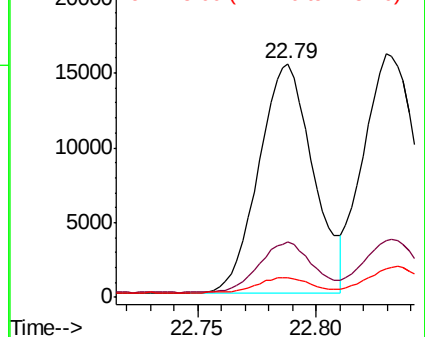
252 100

253 23.5 0.0 49.8

125 8.3 0.0 28.6



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



#22

Benzo(k)fluoranthene

Concen: 0.416 ng/ul

RT: 22.83 min Scan# 6492

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

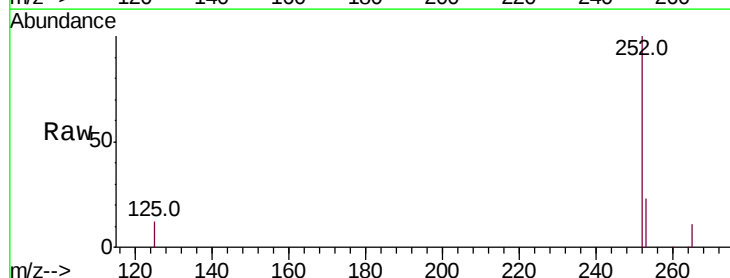
Tgt Ion:252 Resp: 25429

Ion Ratio Lower Upper

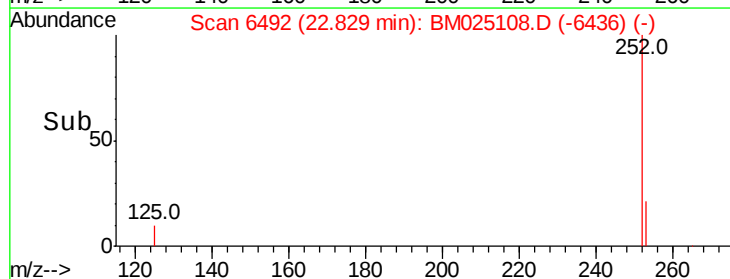
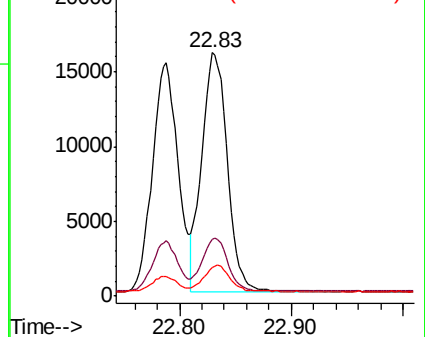
252 100

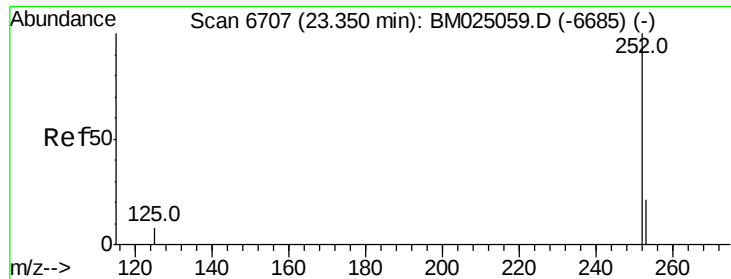
253 23.1 19.4 29.0

125 11.7 10.7 16.1



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: 0.391 ng/u1

RT: 23.35 min Scan# 6705

Delta R.T. -0.01 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

Instrument :

BNA_M

ClientSampleId :

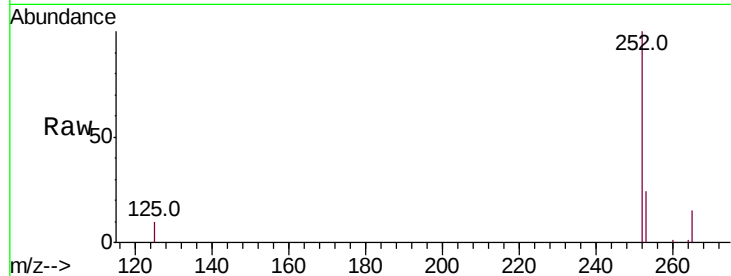
Tot Ion:252 Resp: 21989

Ion Ratio Lower Upper

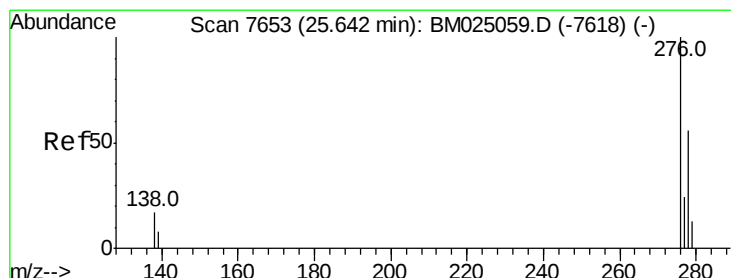
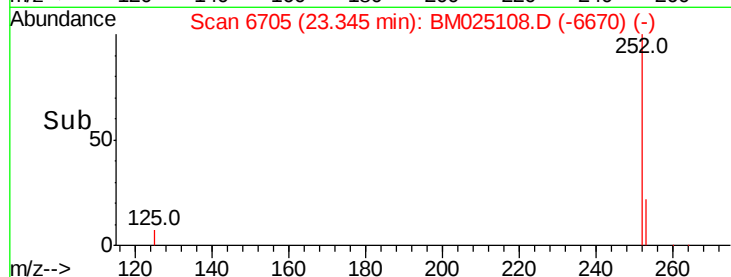
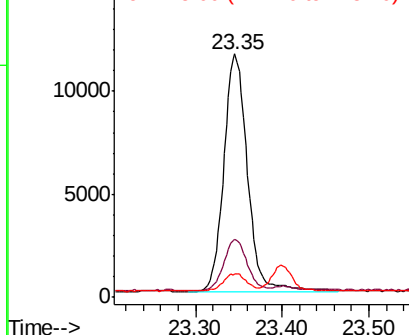
252 100

253 24.0 20.3 30.5

125 9.8 13.0 19.4#



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: 0.430 ng/u1

RT: 25.63 min Scan# 7649

Delta R.T. -0.02 min

Lab File: BM025108.D

Acq: 27 Feb 2020 18:03

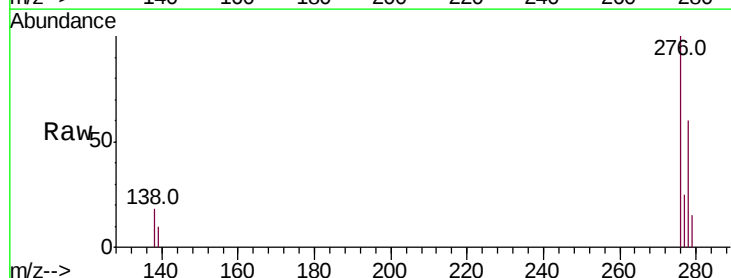
Tgt Ion:276 Resp: 30329

Ion Ratio Lower Upper

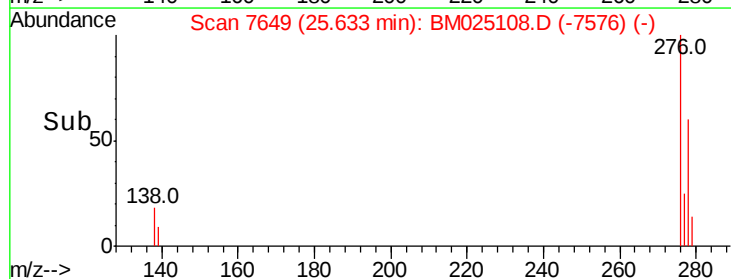
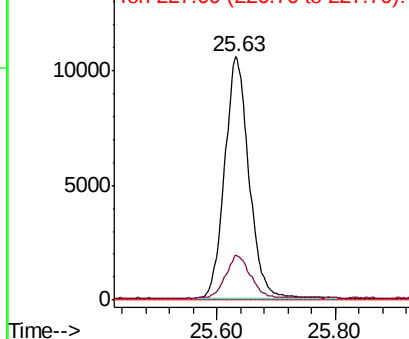
276 100

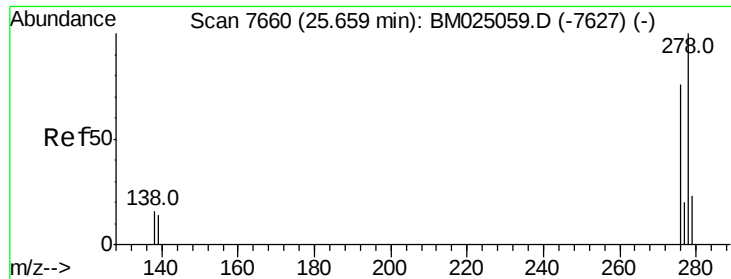
138 17.9 0.0 0.0#

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

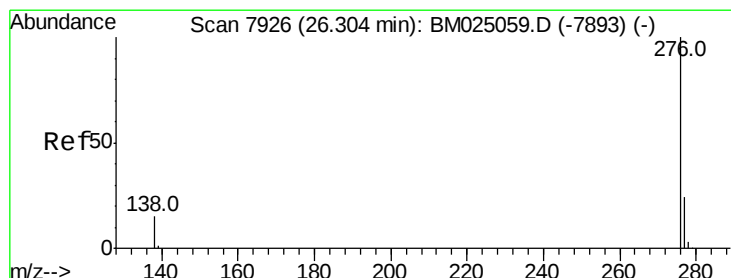
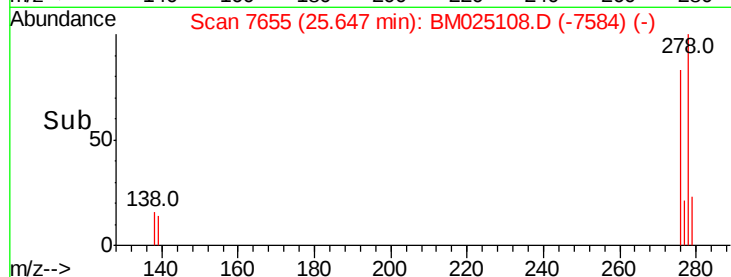
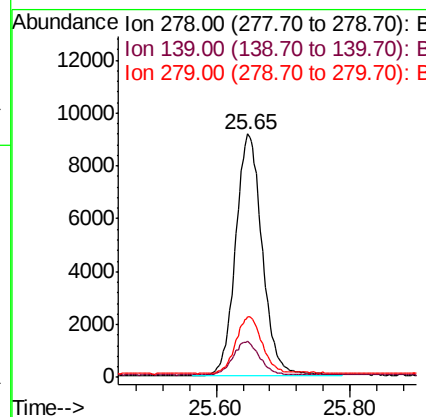
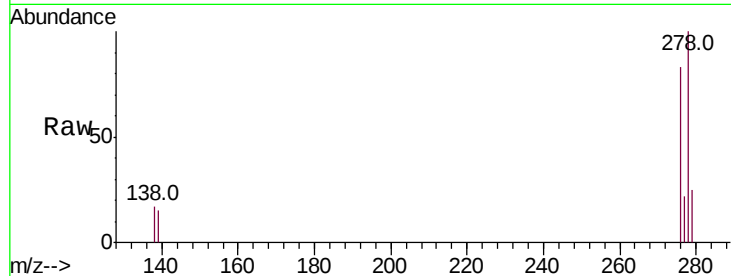




#25
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 25.65 min Scan# 7655
Delta R.T. -0.03 min
Lab File: BM025108.D
Acq: 27 Feb 2020 18:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 25307
Ion Ratio Lower Upper
278 100
139 15.0 13.2 19.8
279 24.8 21.0 31.4



#26
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.29 min Scan# 7922
Delta R.T. -0.02 min
Lab File: BM025108.D
Acq: 27 Feb 2020 18:03

Tgt Ion:276 Resp: 25337
Ion Ratio Lower Upper
276 100
138 15.7 17.9 26.9#
277 24.6 20.5 30.7

