

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022661.D
 Acq On : 11 Sep 2019 17:32
 Operator : HP/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 12 01:03:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

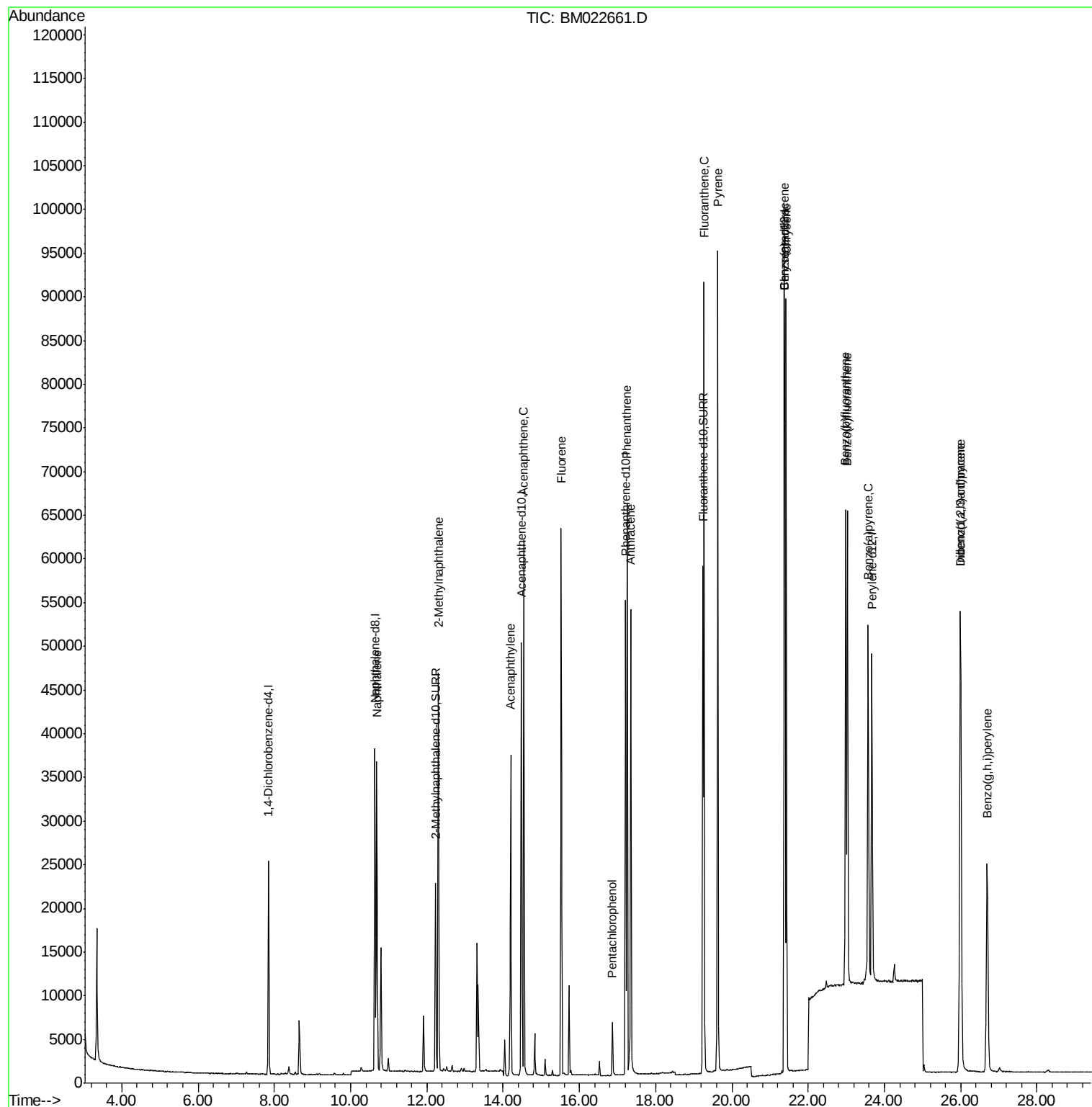
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	12066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	48936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	27031	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	64109	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	56568	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	47839	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	27722	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	62506	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	47550	0.341	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	32506	0.340	ng/ul	100
7) Acenaphthylene	14.20	152	41920	0.335	ng/ul	100
8) Acenaphthene	14.54	153	34209	0.327	ng/ul	99
9) Fluorene	15.52	166	39418	0.328	ng/ul	99
11) Pentachlorophenol	16.87	266	4214	0.324	ng/ul	100
12) Phenanthrene	17.25	178	66887	0.327	ng/ul	100
13) Anthracene	17.34	178	57263	0.327	ng/ul	100
15) Fluoranthene	19.27	202	77262	0.351	ng/ul	99
17) Pyrene	19.63	202	77102	0.301	ng/ul	99
18) Benzo(a)anthracene	21.37	228	71048	0.328	ng/ul	99
19) Chrysene	21.43	228	73148	0.321	ng/ul	99
21) Benzo(b)fluoranthene	22.98	252	68706	0.331	ng/ul	99
22) Benzo(k)fluoranthene	23.03	252	67838	0.320	ng/ul	99
23) Benzo(a)pyrene	23.57	252	60052	0.330	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.99	276	64413	0.290	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.00	278	52454	0.293	ng/ul	99
26) Benzo(g,h,i)perylene	26.70	276	51661	0.292	ng/ul	99

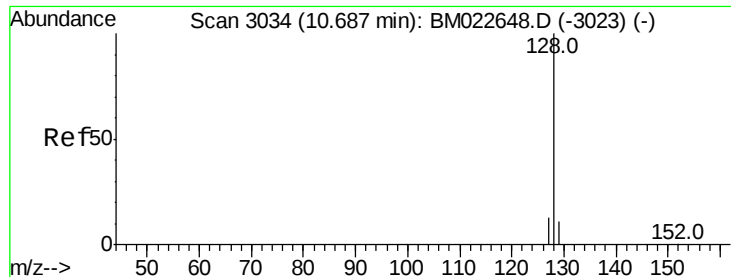
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022661.D
Acq On : 11 Sep 2019 17:32
Operator : HP/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 12 01:03:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.341 ng/ul

RT: 10.69 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

Instrument :

BNA_M

ClientSampleId :

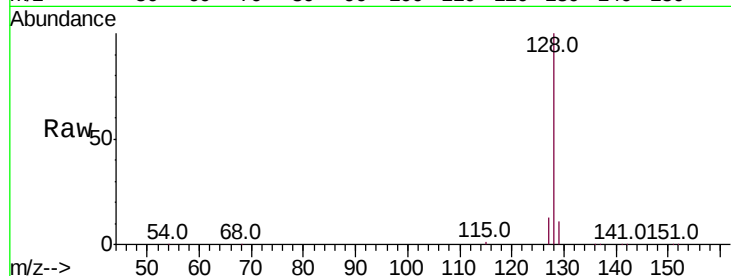
Tot Ion:128 Resp: 47550

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

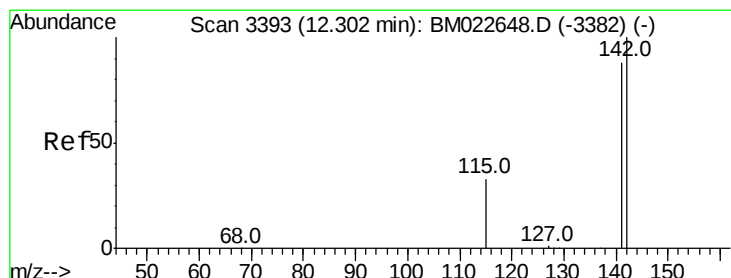
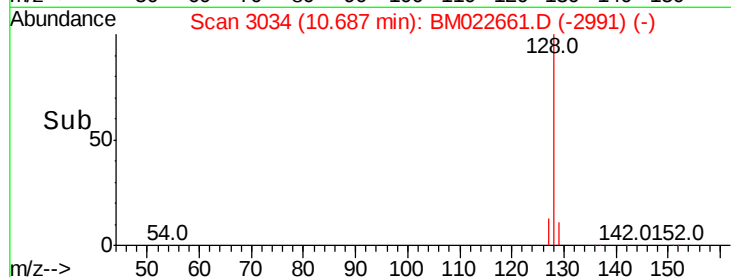
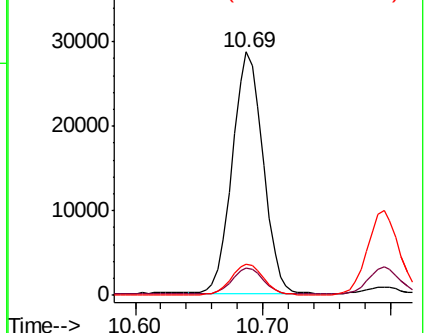
127 12.9 10.4 15.6



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: 0.340 ng/ul

RT: 12.30 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BM022661.D

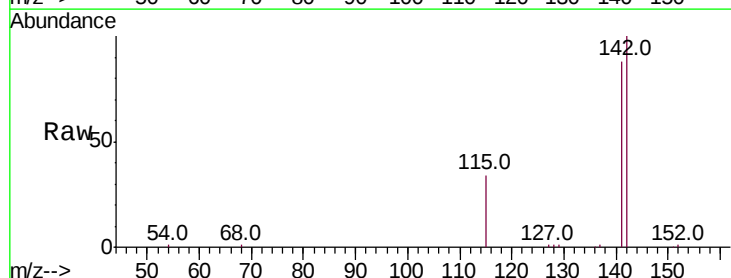
Acq: 11 Sep 2019 17:32

Tgt Ion:142 Resp: 32506

Ion Ratio Lower Upper

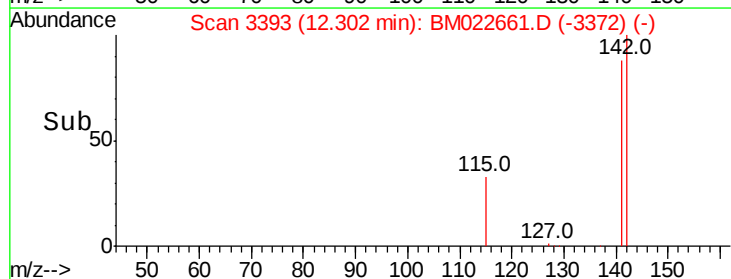
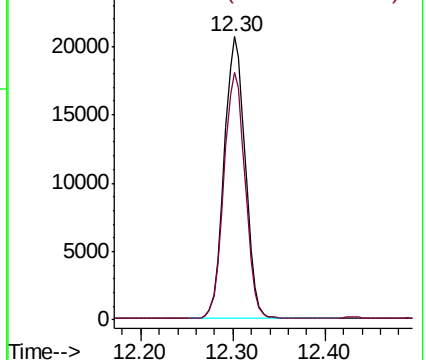
142 100

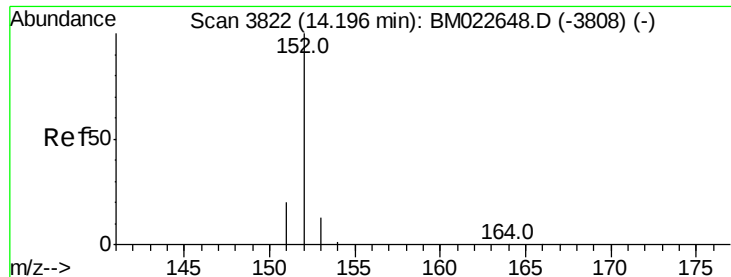
141 88.3 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.335 ng/ul

RT: 14.20 min Scan# 3822

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

Instrument :

BNA_M

ClientSampleId :

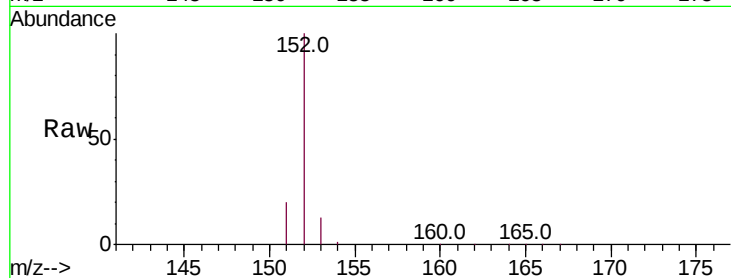
Tot Ion:152 Resp: 41920

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

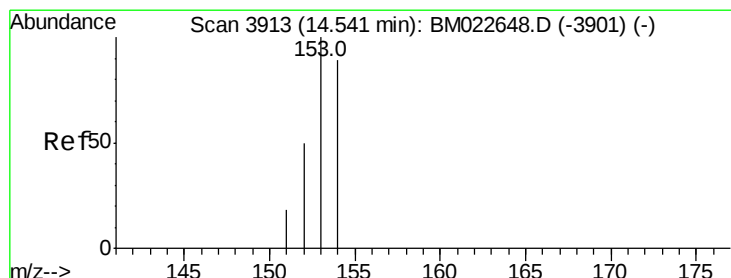
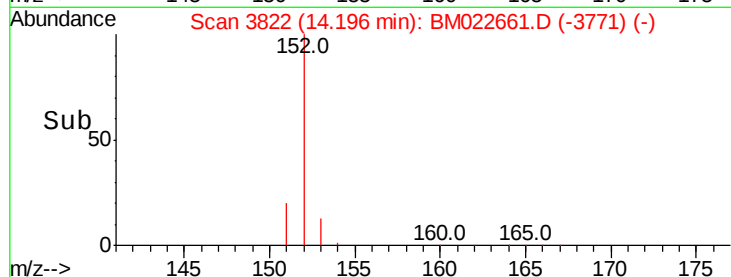
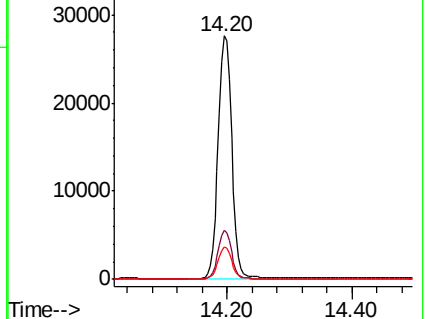
153 13.1 10.7 16.1



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: 0.327 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

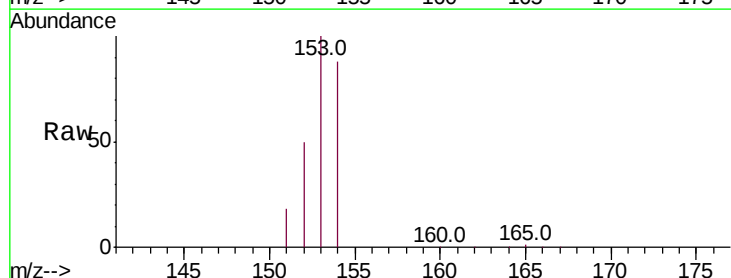
Tgt Ion:153 Resp: 34209

Ion Ratio Lower Upper

153 100

152 49.9 40.7 61.1

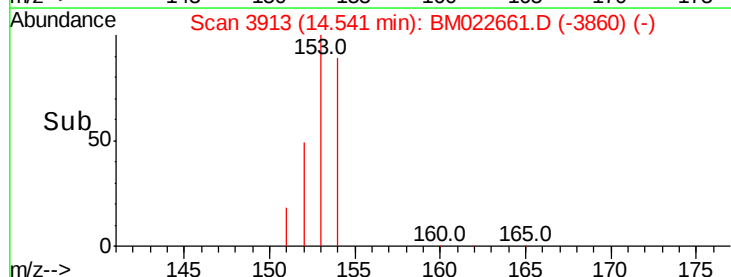
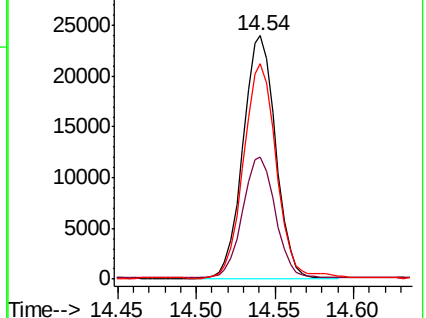
154 88.5 70.0 105.0

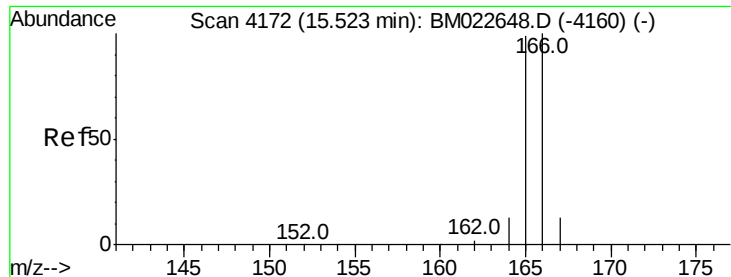


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.328 ng/ul

RT: 15.52 min Scan# 4172

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

Instrument :

BNA_M

ClientSampleId :

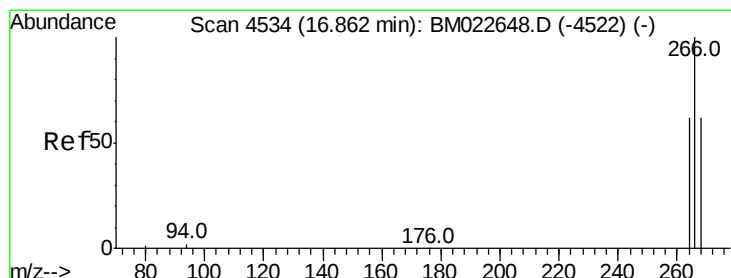
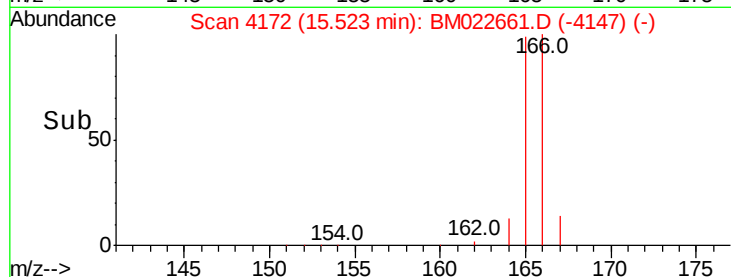
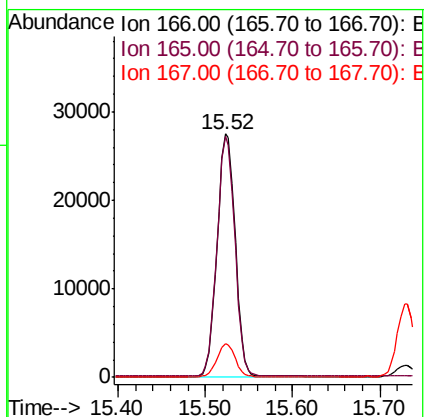
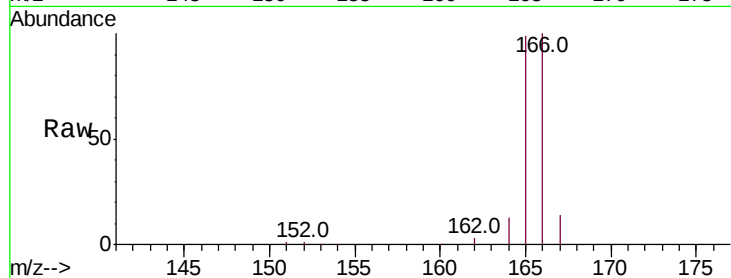
Tot Ion:166 Resp: 39418

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.2

167 13.8 10.8 16.2



#11

Pentachlorophenol

Concen: 0.324 ng/ul

RT: 16.87 min Scan# 4535

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

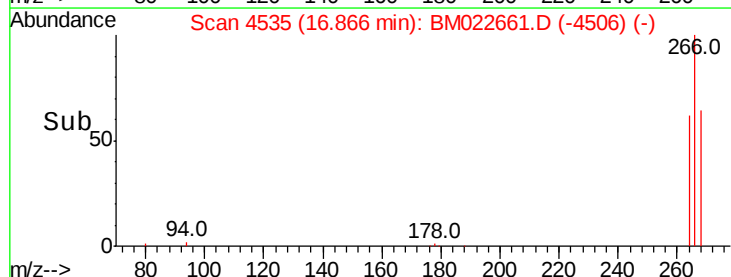
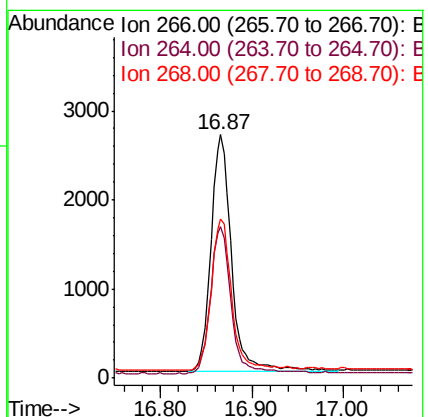
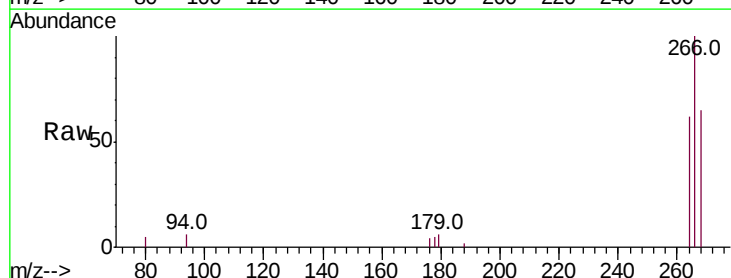
Tgt Ion:266 Resp: 4214

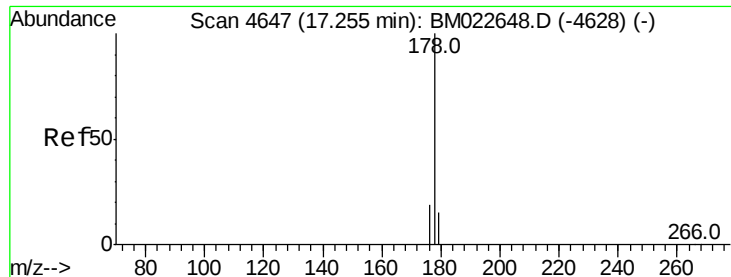
Ion Ratio Lower Upper

266 100

264 62.9 50.4 75.6

268 63.9 51.3 76.9





#12

Phenanthrene

Concen: 0.327 ng/ul

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

Instrument :

BNA_M

ClientSampleId :

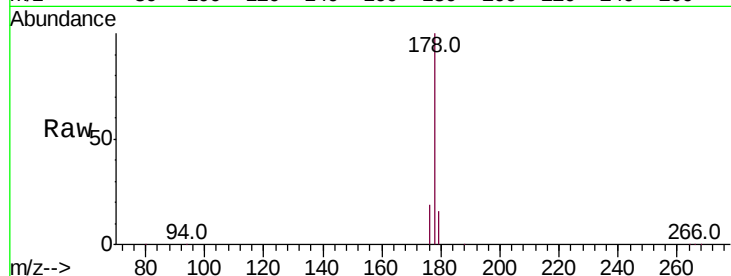
Tot Ion:178 Resp: 66887

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

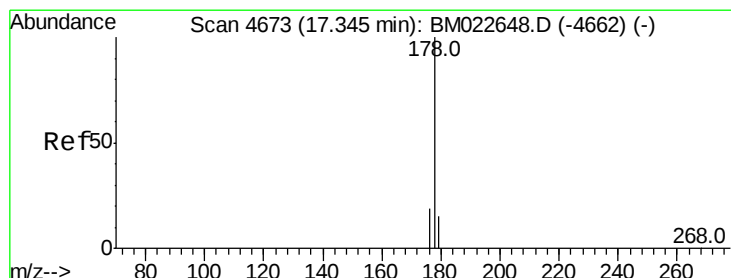
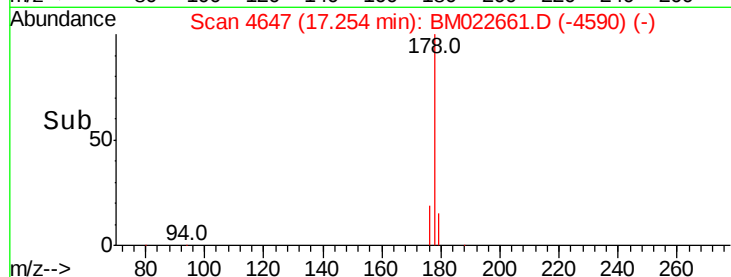
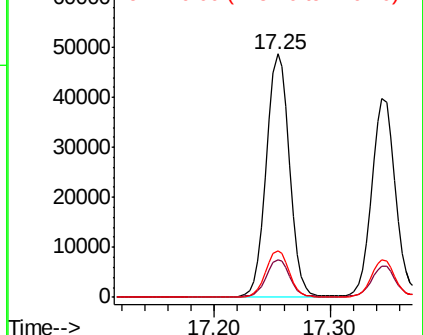
176 19.2 15.3 22.9



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: 0.327 ng/ul

RT: 17.34 min Scan# 4673

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

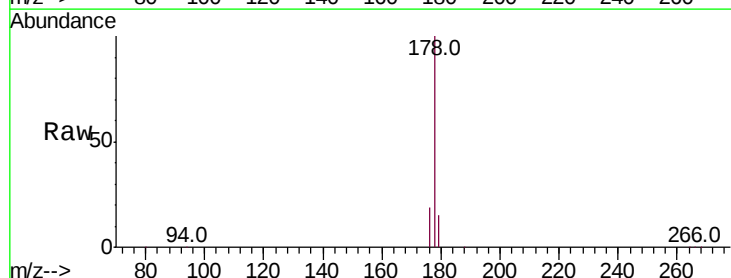
Tgt Ion:178 Resp: 57263

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

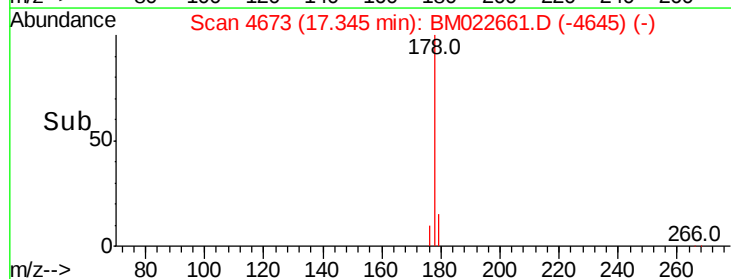
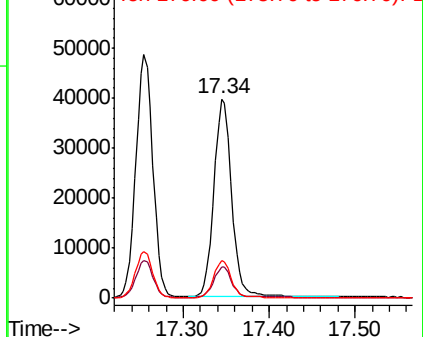
176 18.7 14.8 22.2

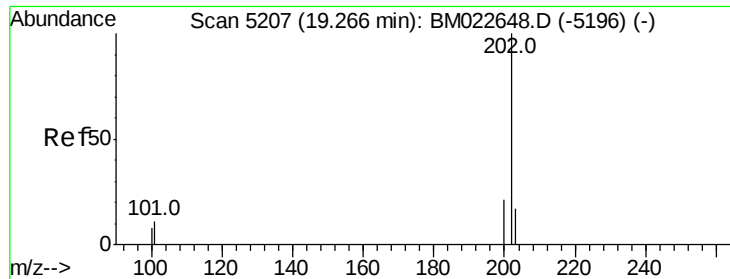


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

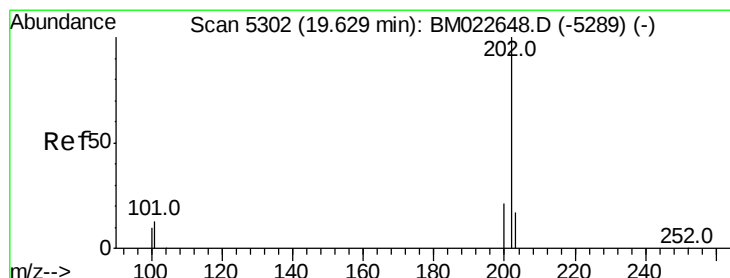
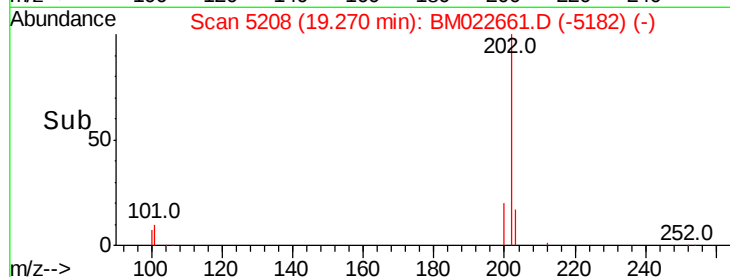
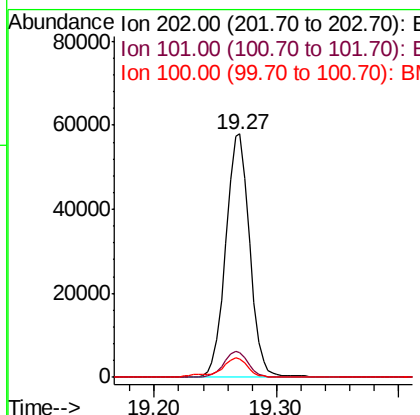
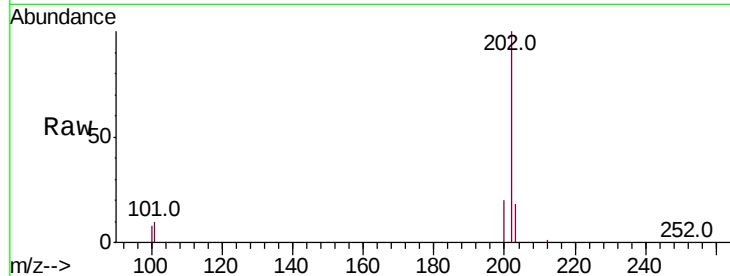




#15
Fluoranthene
 Concen: 0.351 ng/ul
 RT: 19.27 min Scan# 5208
 Delta R.T. -0.00 min
 Lab File: BM022661.D
 Acq: 11 Sep 2019 17:32

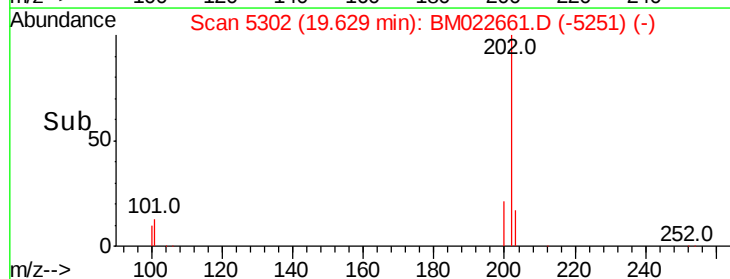
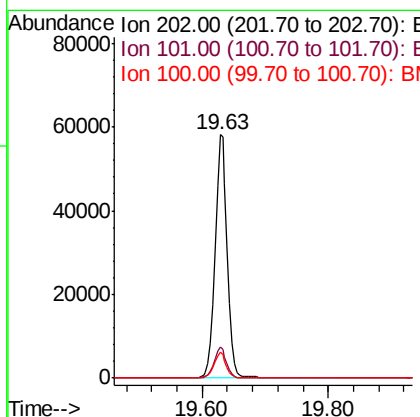
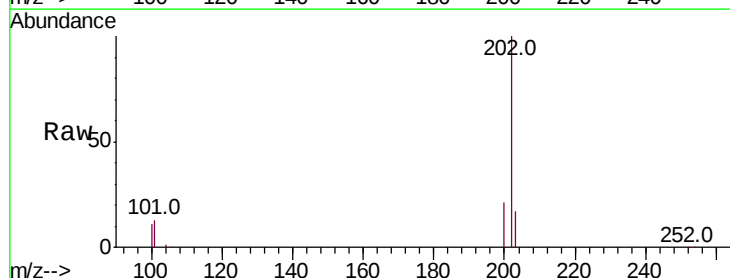
Instrument :
 BNA_M
 ClientSampleId :

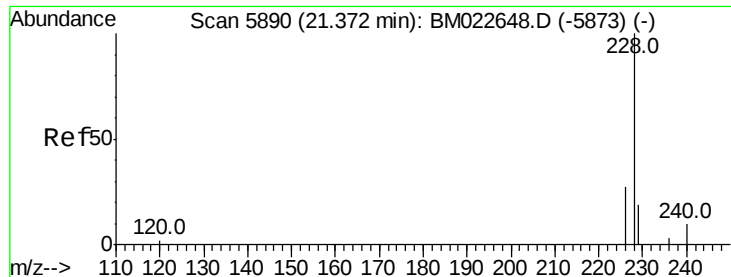
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.5
100	7.5	0.0	28.0



#17
Pyrene
 Concen: 0.301 ng/ul
 RT: 19.63 min Scan# 5302
 Delta R.T. -0.00 min
 Lab File: BM022661.D
 Acq: 11 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	10.6	8.1	12.1





#18

Benzo(a)anthracene

Concen: 0.328 ng/ul

RT: 21.37 min Scan# 5891

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

Instrument :

BNA_M

ClientSampleId :

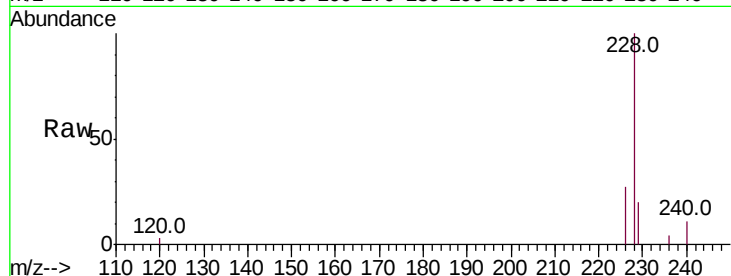
Tot Ion:228 Resp: 71048

Ion Ratio Lower Upper

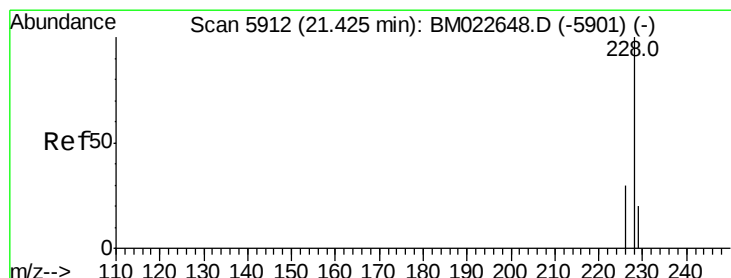
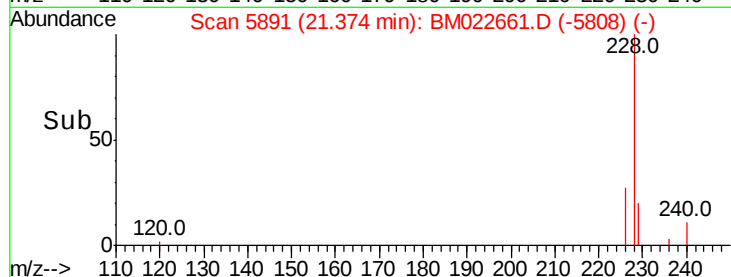
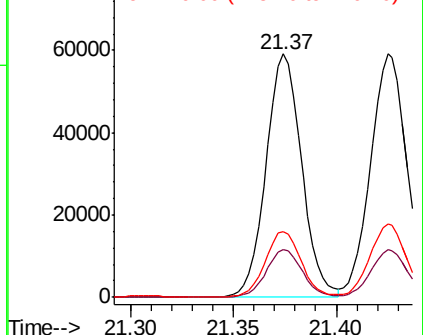
228 100

229 19.9 15.6 23.4

226 27.3 22.0 33.0



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: 0.321 ng/ul

RT: 21.43 min Scan# 5912

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

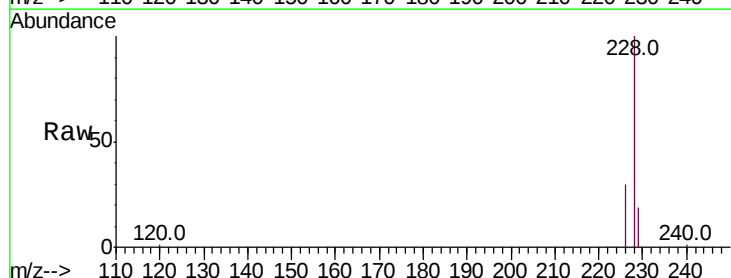
Tgt Ion:228 Resp: 73148

Ion Ratio Lower Upper

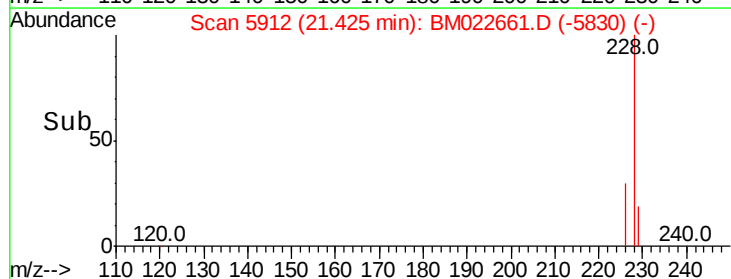
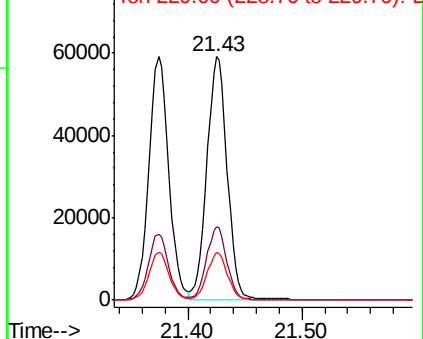
228 100

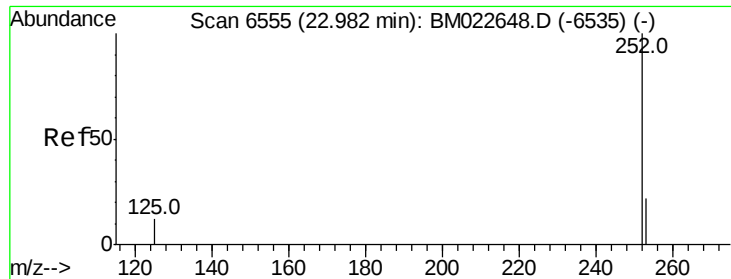
226 30.4 23.8 35.8

229 19.5 15.5 23.3



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: 0.331 ng/ul

RT: 22.98 min Scan# 6556

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

Instrument :

BNA_M

ClientSampleId :

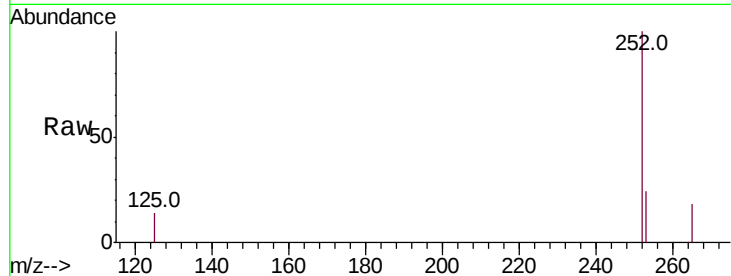
Tot Ion:252 Resp: 68706

Ion Ratio Lower Upper

252 100

253 24.1 0.0 48.4

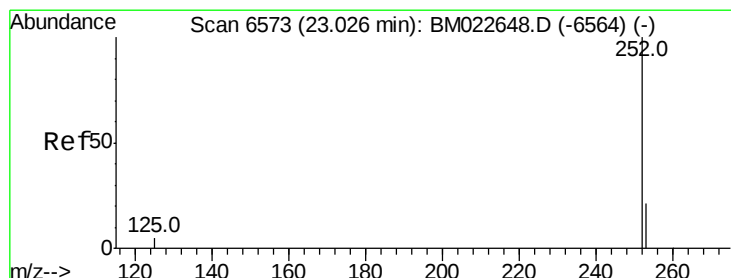
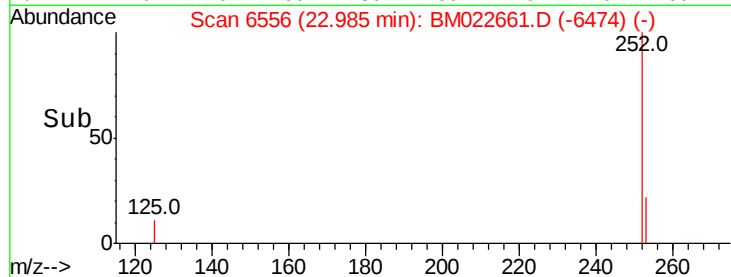
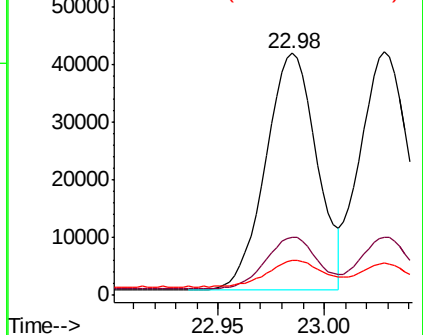
125 14.4 0.0 31.2



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



#22

Benzo(k)fluoranthene

Concen: 0.320 ng/ul

RT: 23.03 min Scan# 6574

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

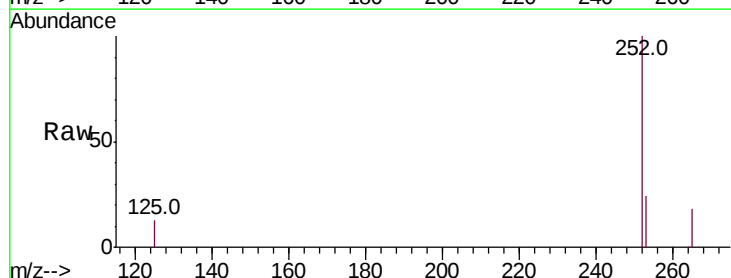
Tgt Ion:252 Resp: 67838

Ion Ratio Lower Upper

252 100

253 24.0 19.5 29.3

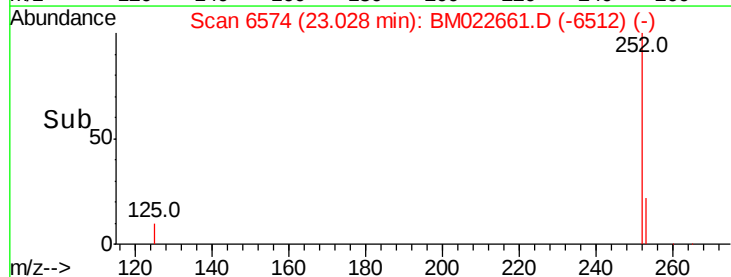
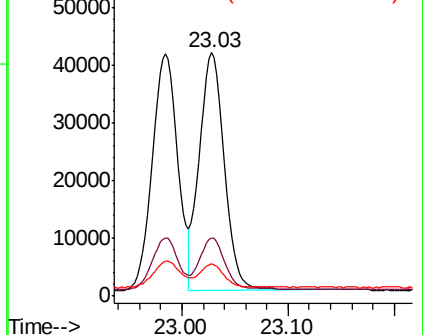
125 13.1 11.2 16.8

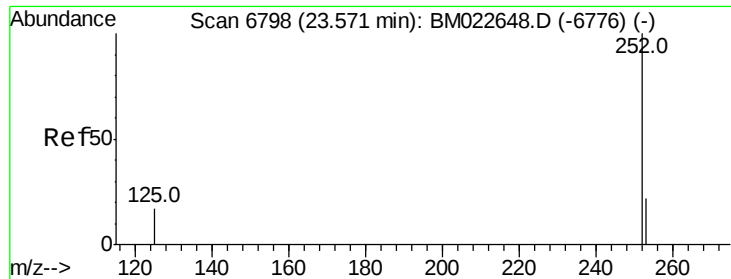


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.330 ng/ul

RT: 23.57 min Scan# 6798

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

Instrument :

BNA_M

ClientSampleId :

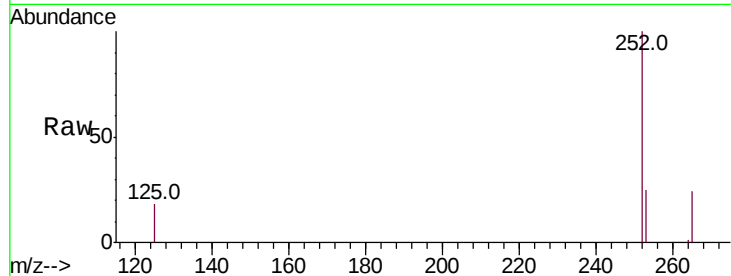
Tot Ion:252 Resp: 60052

Ion Ratio Lower Upper

252 100

253 24.9 20.2 30.2

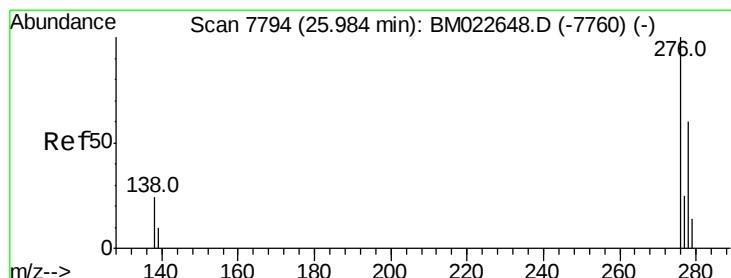
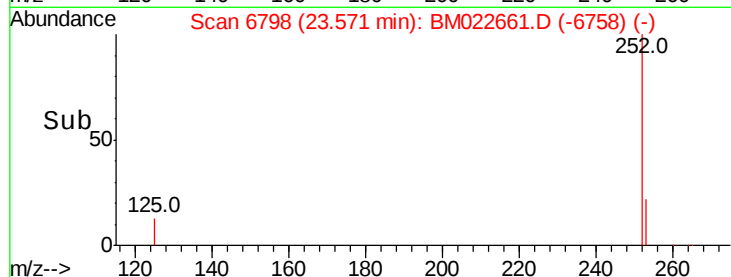
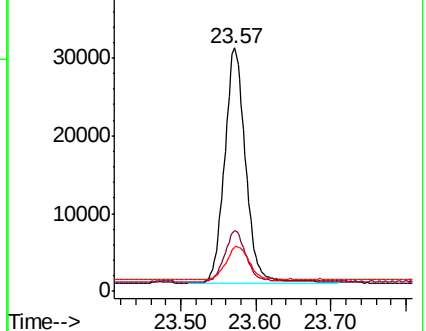
125 17.9 15.7 23.5



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: 0.290 ng/ul

RT: 25.99 min Scan# 7795

Delta R.T. -0.00 min

Lab File: BM022661.D

Acq: 11 Sep 2019 17:32

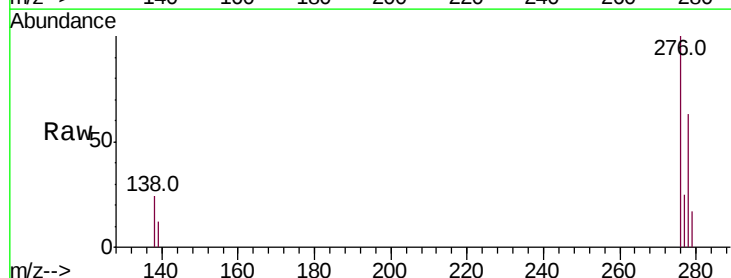
Tgt Ion:276 Resp: 64413

Ion Ratio Lower Upper

276 100

138 24.9 21.1 31.7

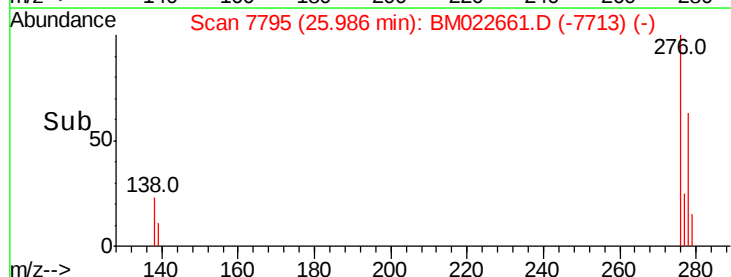
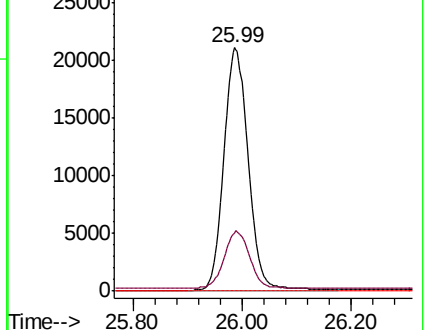
227 0.0 0.0 0.0

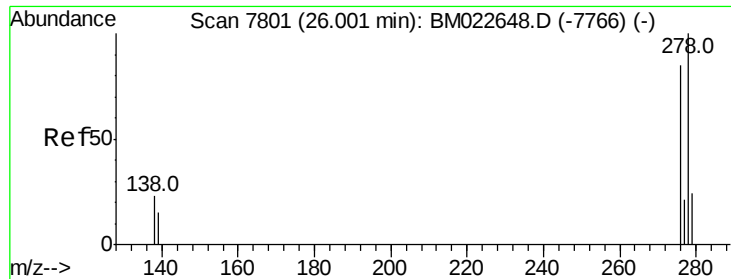


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



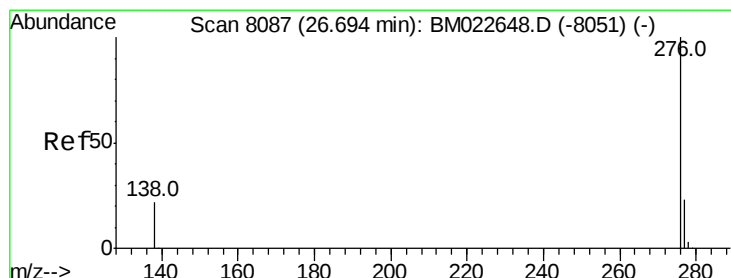
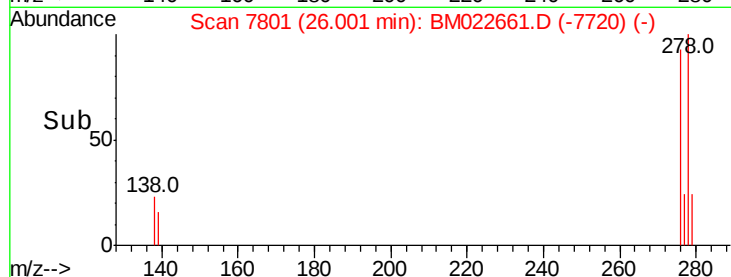
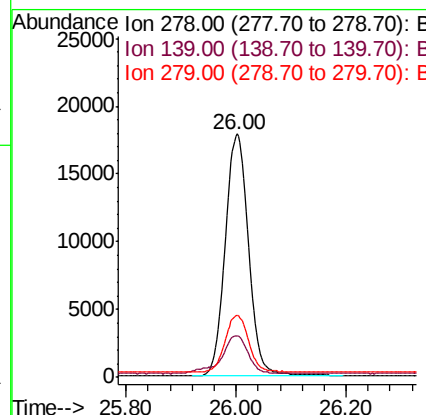
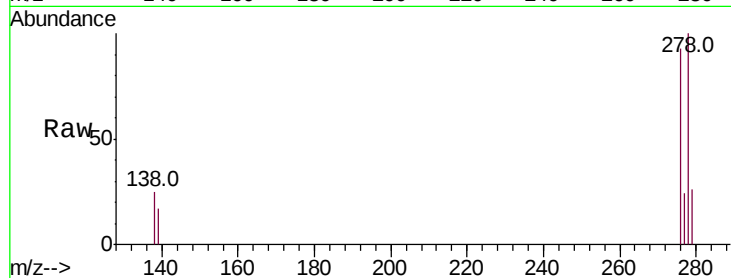


#25
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.00 min Scan# 7801
Delta R.T. -0.00 min
Lab File: BM022661.D
Acq: 11 Sep 2019 17:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 52454

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.6
279	25.6	21.3	31.9



#26
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 26.70 min Scan# 8088
Delta R.T. -0.00 min
Lab File: BM022661.D
Acq: 11 Sep 2019 17:32

Tgt Ion:276 Resp: 51661

Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.2	27.4
277	24.3	19.2	28.8

