

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022420\
 Data File : BM025030.D
 Acq On : 24 Feb 2020 20:11
 Operator : CG/JU
 Sample : SST00.479
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 25 00:51:38 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 00:46:28 2020
 Response via : Initial Calibration

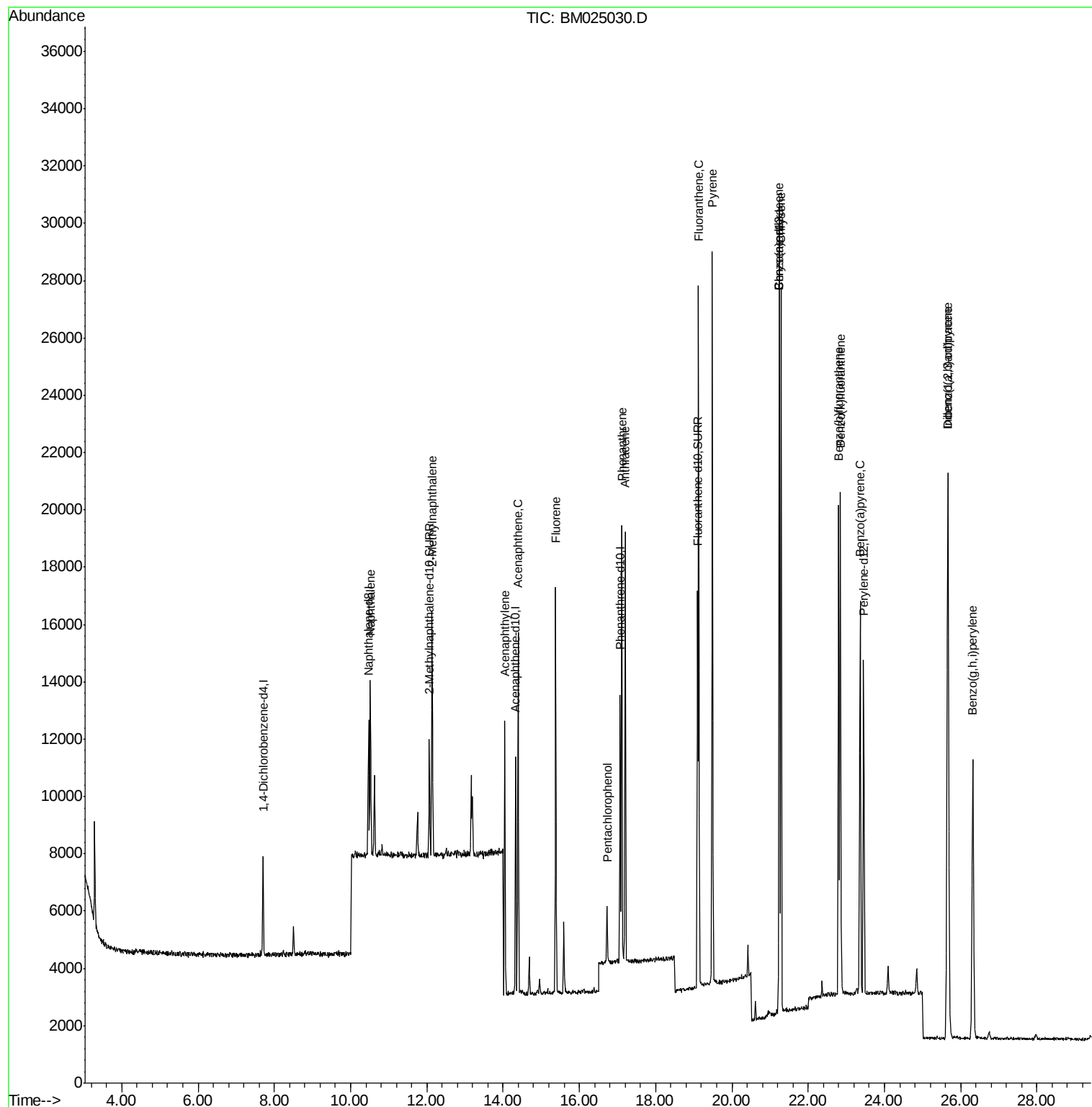
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	6678	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	4560	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	11184	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	12284	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	13381	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	5078	0.46	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	15437	0.50	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.52	128	8172	0.429	ng/ul	100
5) 2-Methylnaphthalene	12.14	142	5943	0.456	ng/ul	100
7) Acenaphthylene	14.05	152	10467	0.496	ng/ul	100
8) Acenaphthene	14.39	153	7091	0.401	ng/ul	100
9) Fluorene	15.38	166	8875	0.438	ng/ul	100
11) Pentachlorophenol	16.73	266	1338	0.590	ng/ul	100
12) Phenanthrene	17.11	178	15333	0.430	ng/ul	100
13) Anthracene	17.20	178	15152	0.496	ng/ul	100
15) Fluoranthene	19.13	202	21413	0.557	ng/ul	100
17) Pyrene	19.49	202	21464	0.385	ng/ul	100
18) Benzo(a)anthracene	21.24	228	20945	0.446	ng/ul	100
19) Chrysene	21.29	228	20895	0.422	ng/ul	100
21) Benzo(b)fluoranthene	22.80	252	21040	0.362	ng/ul	100
22) Benzo(k)fluoranthene	22.84	252	20974	0.354	ng/ul	100
23) Benzo(a)pyrene	23.36	252	19231	0.378	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.65	276	24309	0.392	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.67	278	20393	0.407	ng/ul	100
26) Benzo(g,h,i)perylene	26.32	276	20334	0.411	ng/ul	100

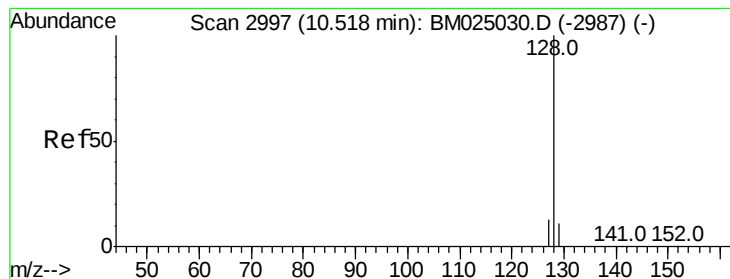
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.429 ng/ul

RT: 10.52 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

Instrument :

BNA_M

ClientSampleId :

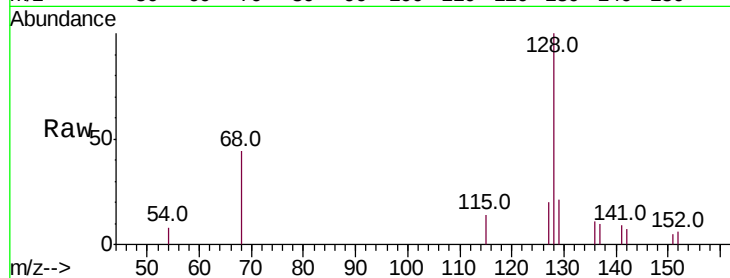
Tot Ion:128 Resp: 8172

Ion Ratio Lower Upper

128 100

129 21.3 17.0 25.6

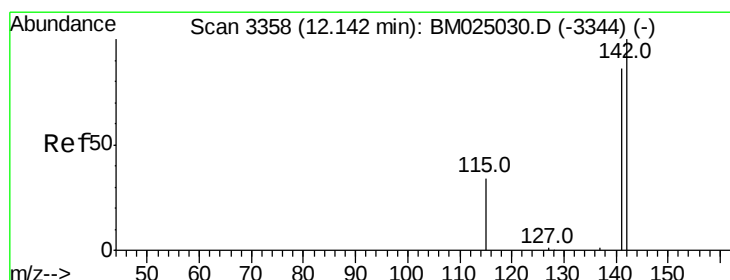
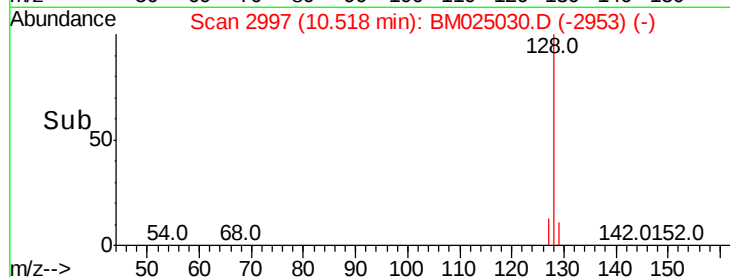
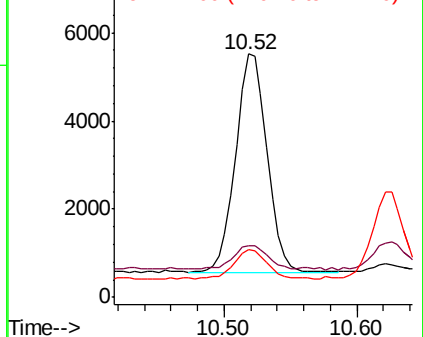
127 19.6 15.7 23.5



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: 0.456 ng/ul

RT: 12.14 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM025030.D

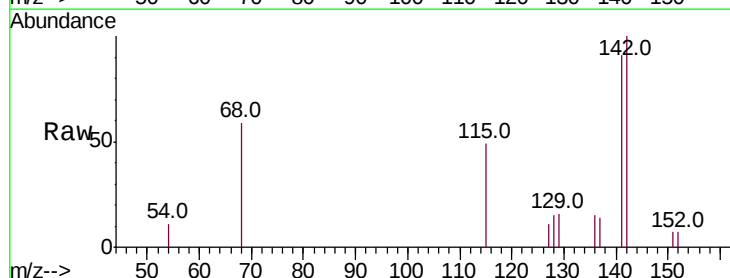
Acq: 24 Feb 2020 20:11

Tgt Ion:142 Resp: 5943

Ion Ratio Lower Upper

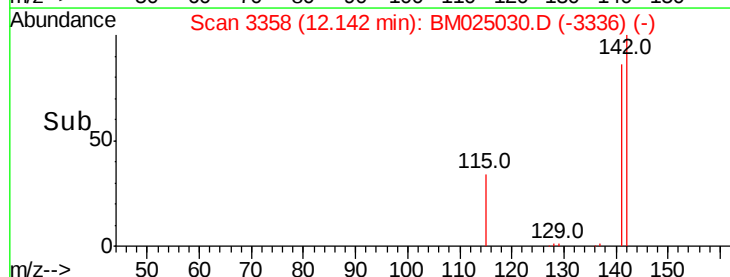
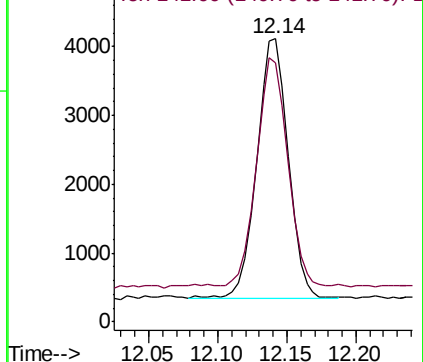
142 100

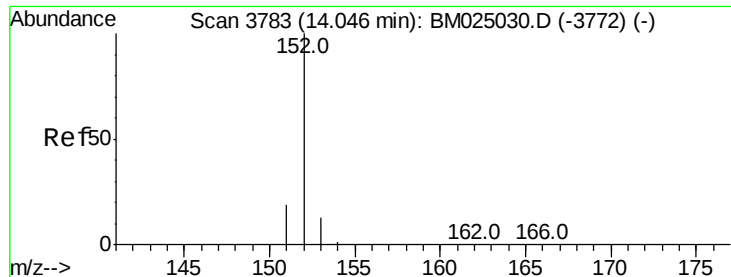
141 87.3 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.496 ng/ul

RT: 14.05 min Scan# 3783

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

Instrument :

BNA_M

ClientSampleId :

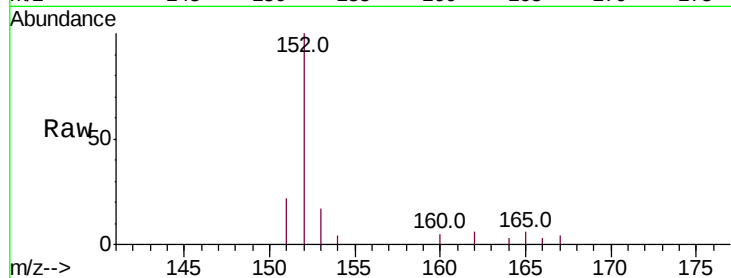
Tot Ion:152 Resp: 10467

Ion Ratio Lower Upper

152 100

151 22.3 17.8 26.8

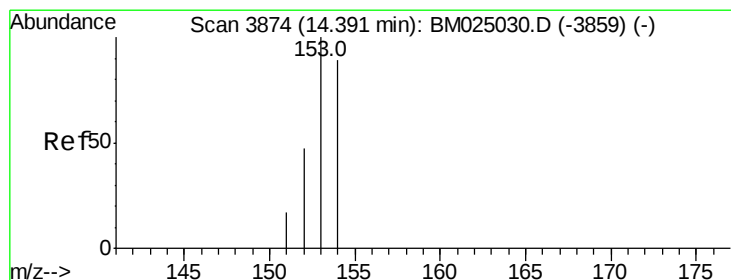
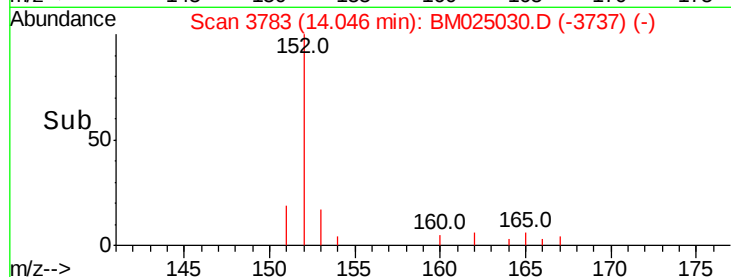
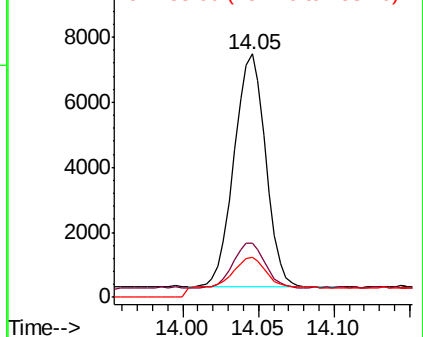
153 16.6 13.3 19.9



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: 0.401 ng/ul

RT: 14.39 min Scan# 3874

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

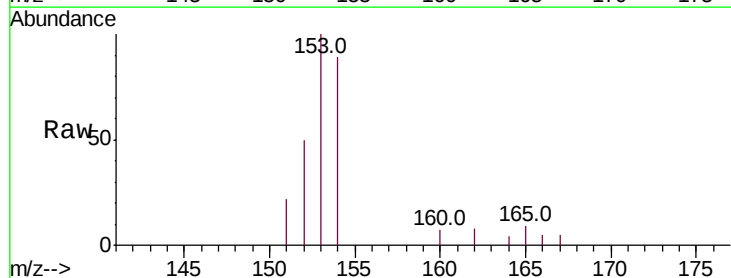
Tgt Ion:153 Resp: 7091

Ion Ratio Lower Upper

153 100

152 50.0 40.0 60.0

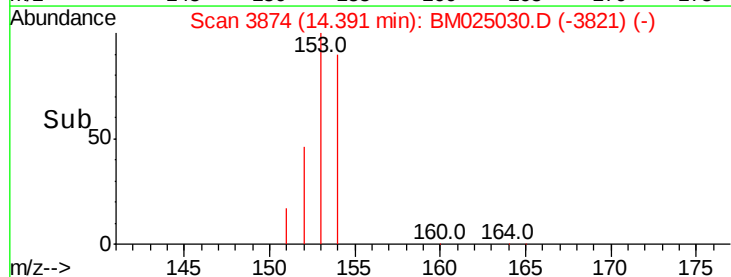
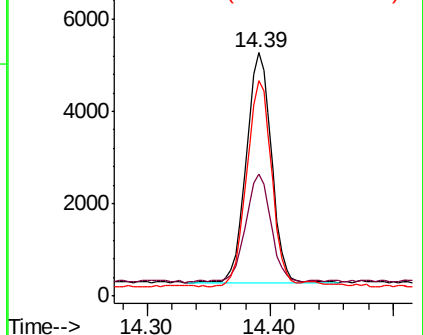
154 88.8 71.0 106.6

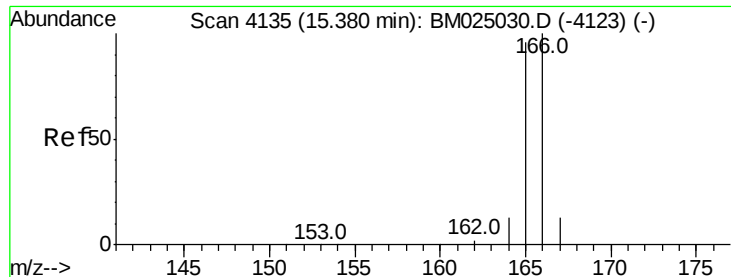


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.438 ng/ul

RT: 15.38 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

Instrument :

BNA_M

ClientSampleId :

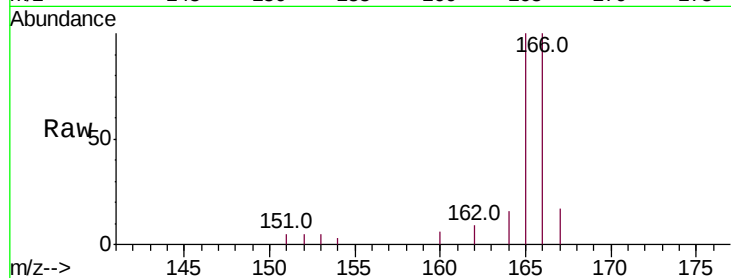
Tot Ion:166 Resp: 8875

Ion Ratio Lower Upper

166 100

165 100.0 80.0 120.0

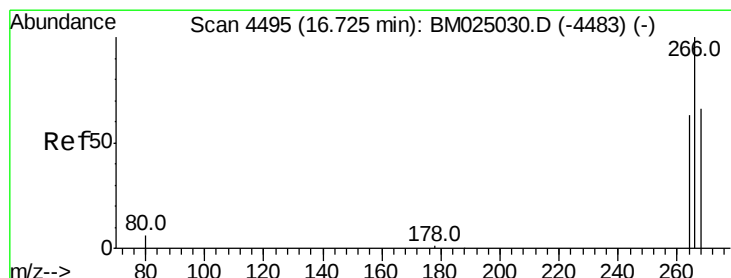
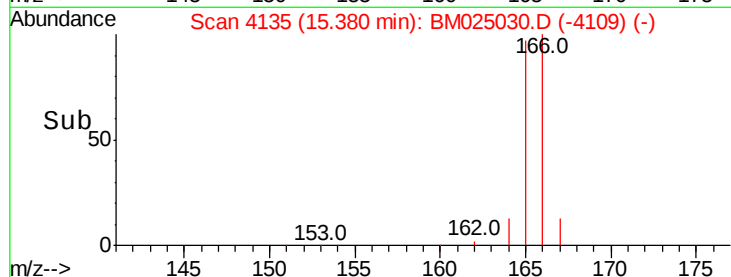
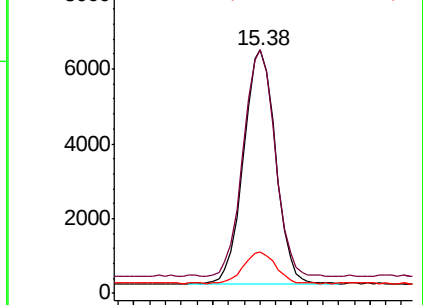
167 17.1 13.7 20.5



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: 0.590 ng/ul

RT: 16.73 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

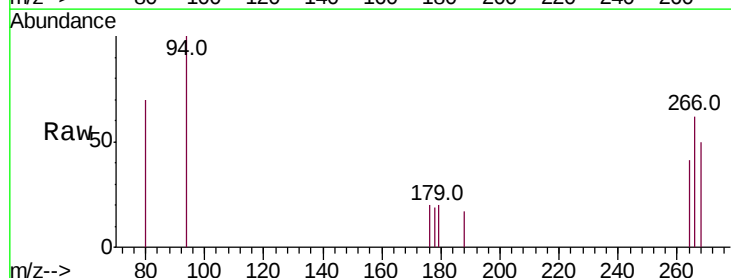
Tgt Ion:266 Resp: 1338

Ion Ratio Lower Upper

266 100

264 62.2 49.8 74.6

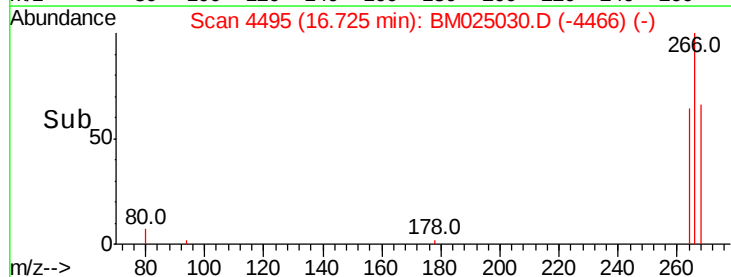
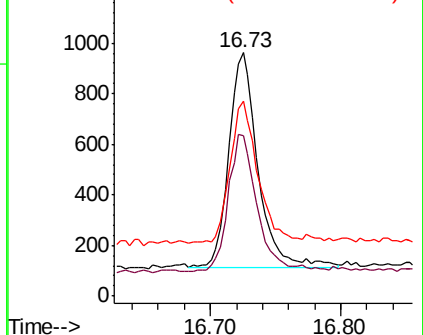
268 61.2 49.0 73.4

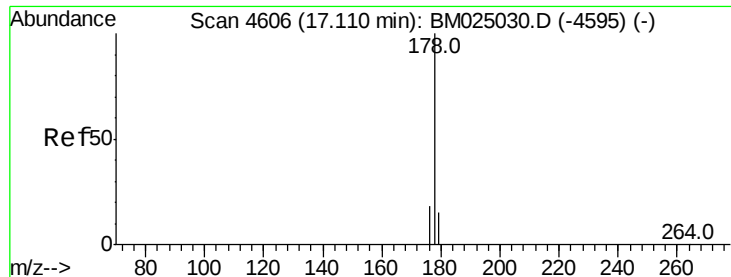


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.430 ng/ul

RT: 17.11 min Scan# 4606

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

Instrument :

BNA_M

ClientSampleId :

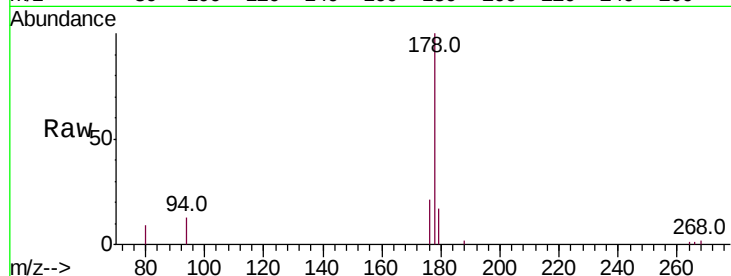
Tot Ion:178 Resp: 15333

Ion Ratio Lower Upper

178 100

179 17.5 14.0 21.0

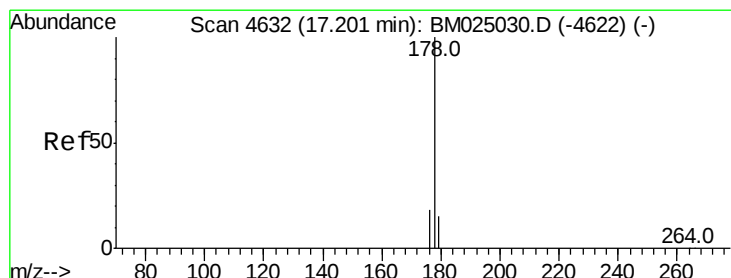
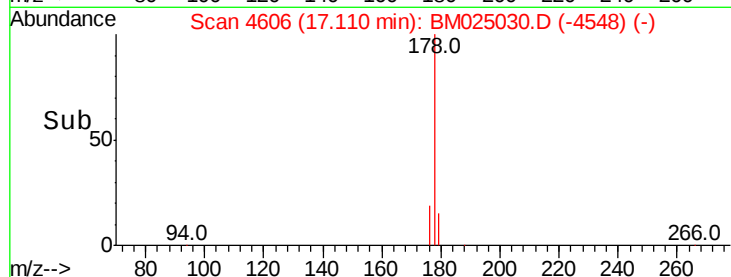
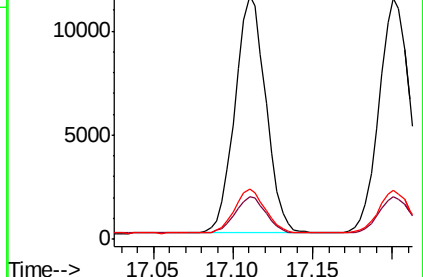
176 20.7 16.6 24.8



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: 0.496 ng/ul

RT: 17.20 min Scan# 4632

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

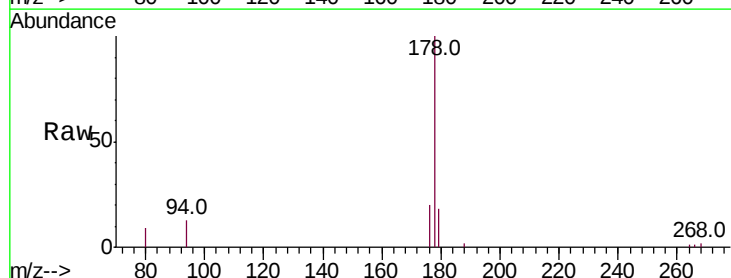
Tgt Ion:178 Resp: 15152

Ion Ratio Lower Upper

178 100

179 17.6 14.1 21.1

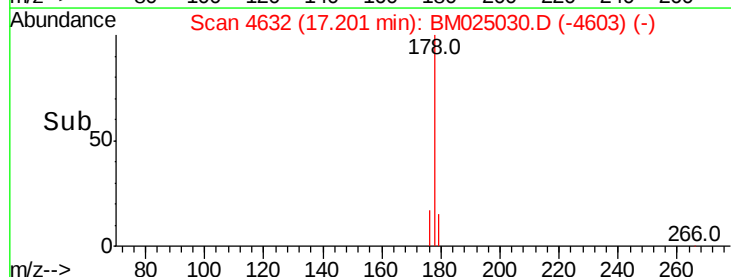
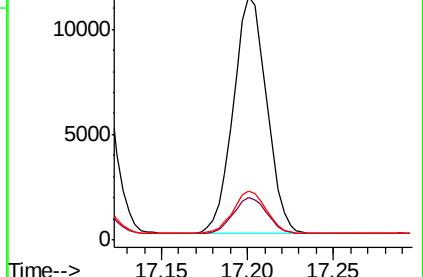
176 20.3 16.2 24.4

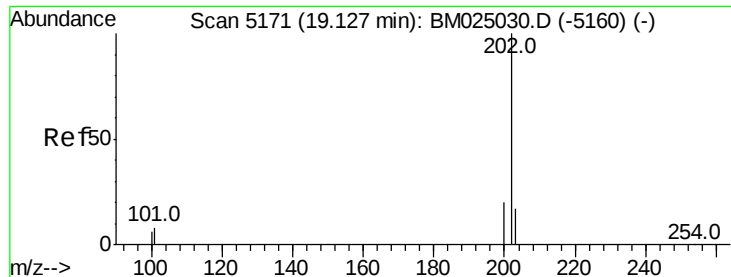


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

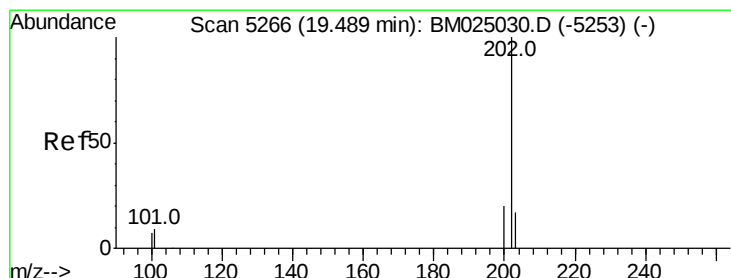
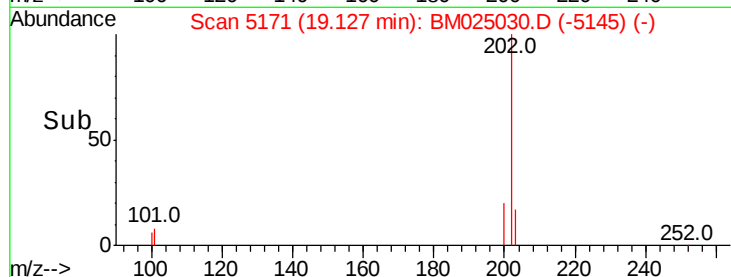
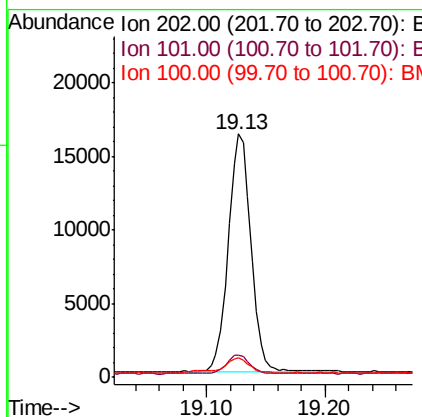
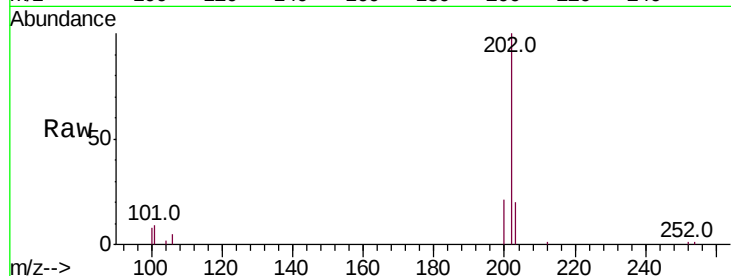




#15
Fluoranthene
 Concen: 0.557 ng/ul
 RT: 19.13 min Scan# 5171
 Delta R.T. 0.00 min
 Lab File: BM025030.D
 Acq: 24 Feb 2020 20:11

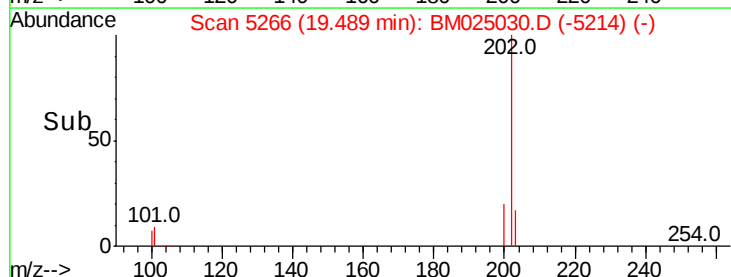
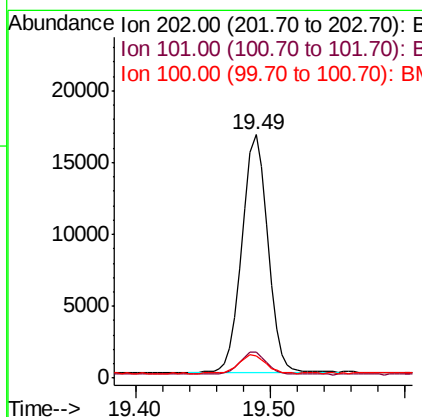
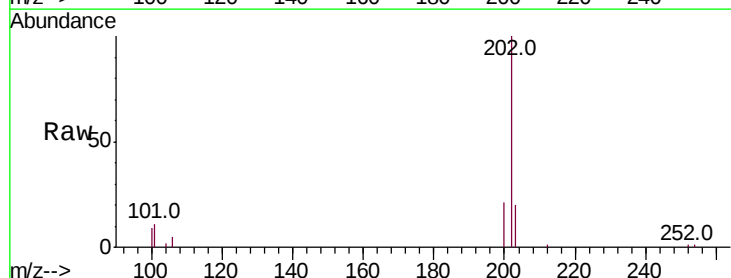
Instrument :
 BNA_M
 ClientSampleId :

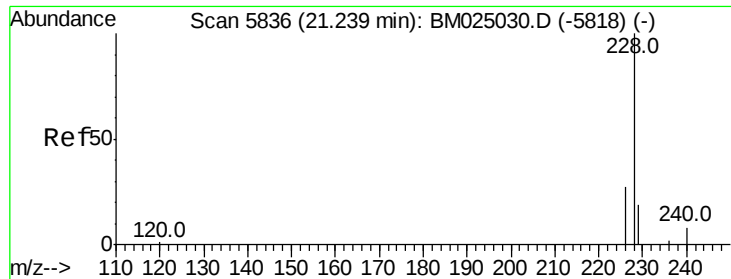
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
100	8.0	0.0	28.0



#17
Pyrene
 Concen: 0.385 ng/ul
 RT: 19.49 min Scan# 5266
 Delta R.T. 0.00 min
 Lab File: BM025030.D
 Acq: 24 Feb 2020 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
100	9.1	7.3	10.9





#18

Benzo(a)anthracene

Concen: 0.446 ng/ul

RT: 21.24 min Scan# 5836

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

Instrument :

BNA_M

ClientSampleId :

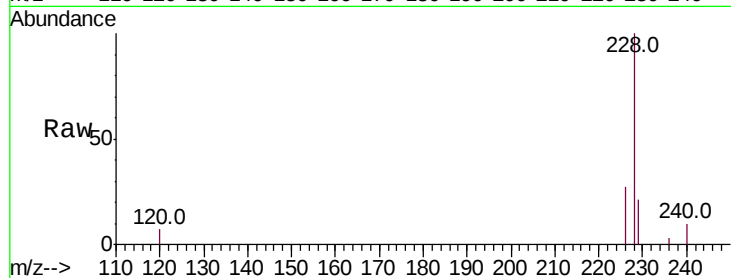
Tot Ion:228 Resp: 20945

Ion Ratio Lower Upper

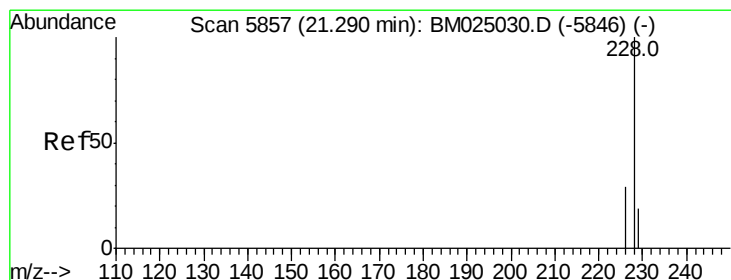
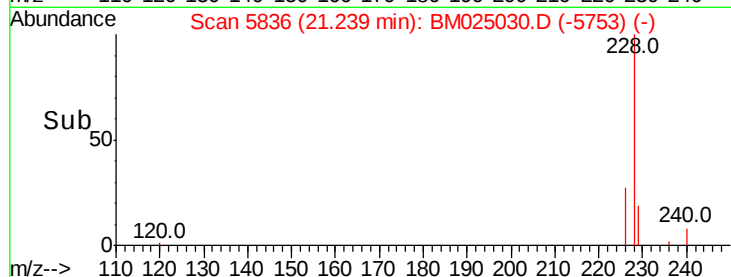
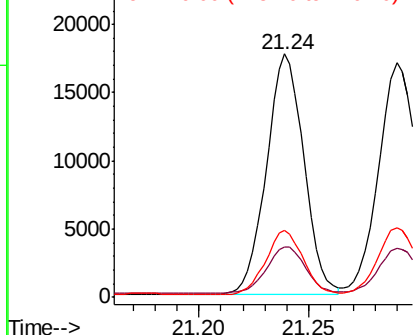
228 100

229 20.8 16.6 25.0

226 27.4 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: 0.422 ng/ul

RT: 21.29 min Scan# 5857

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

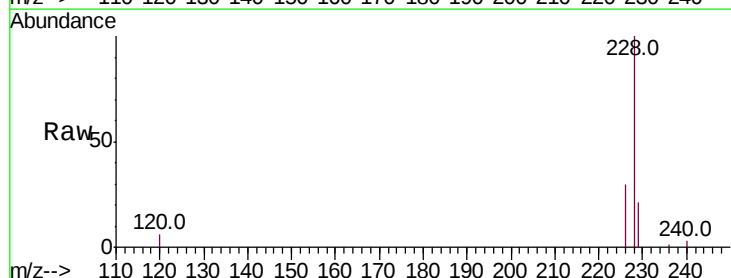
Tgt Ion:228 Resp: 20895

Ion Ratio Lower Upper

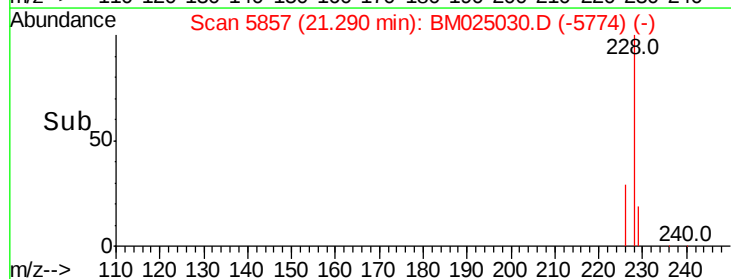
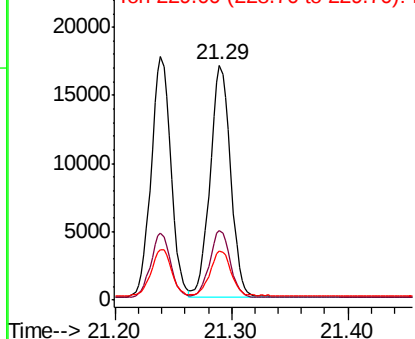
228 100

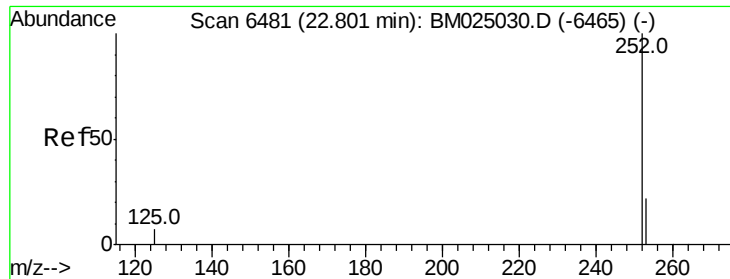
226 29.8 23.8 35.8

229 21.1 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: 0.362 ng/u1

RT: 22.80 min Scan# 6481

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

Instrument :

BNA_M

ClientSampleId :

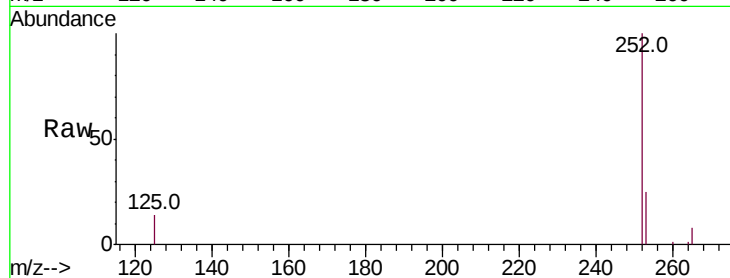
Tot Ion:252 Resp: 21040

Ion Ratio Lower Upper

252 100

253 24.9 0.0 49.8

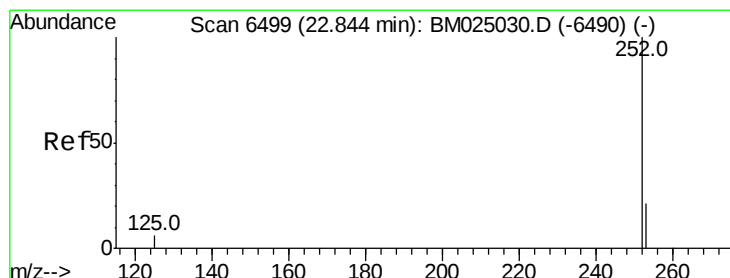
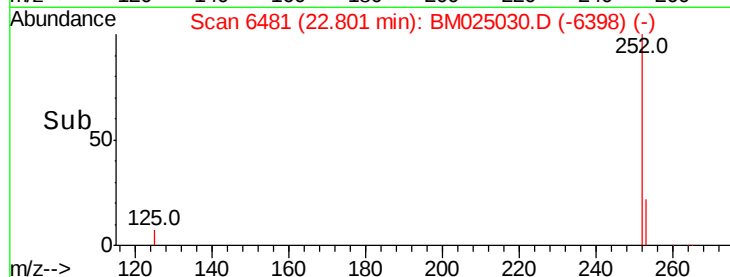
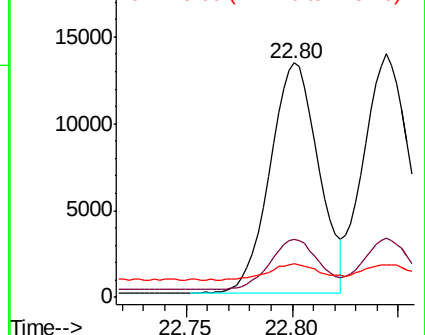
125 14.3 0.0 28.6



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: 0.354 ng/u1

RT: 22.84 min Scan# 6499

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

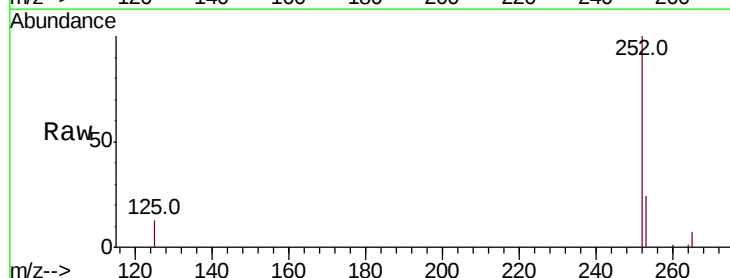
Tgt Ion:252 Resp: 20974

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

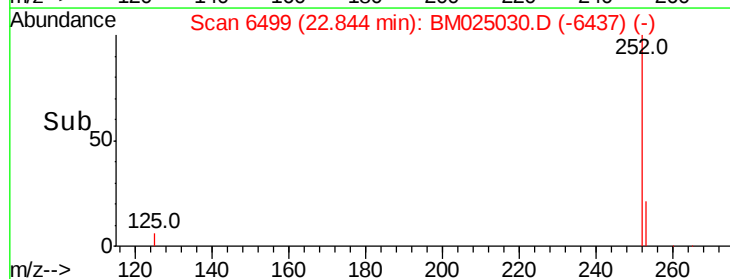
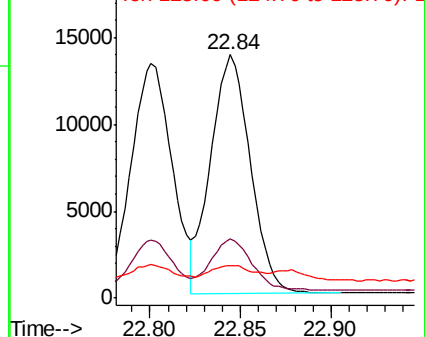
125 13.4 10.7 16.1

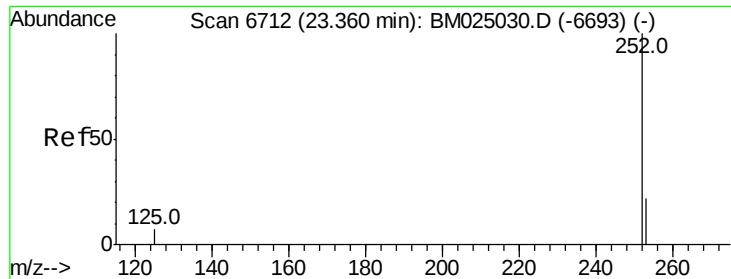


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.36 min Scan# 6712

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

Instrument :

BNA_M

ClientSampleId :

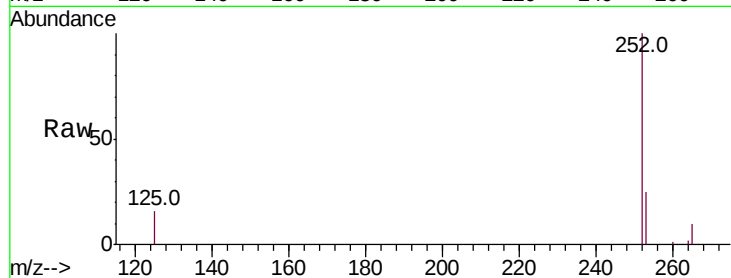
Tot Ion:252 Resp: 19231

Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

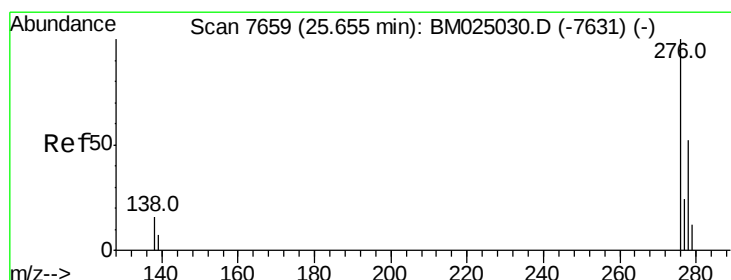
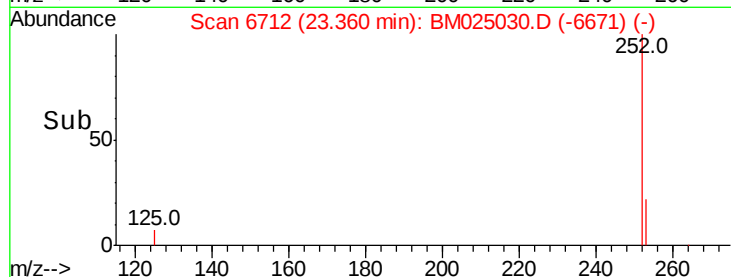
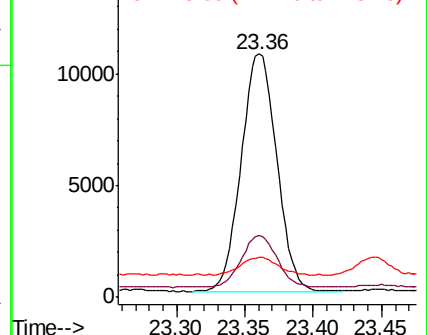
125 16.2 13.0 19.4



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: 0.392 ng/ul

RT: 25.65 min Scan# 7659

Delta R.T. 0.00 min

Lab File: BM025030.D

Acq: 24 Feb 2020 20:11

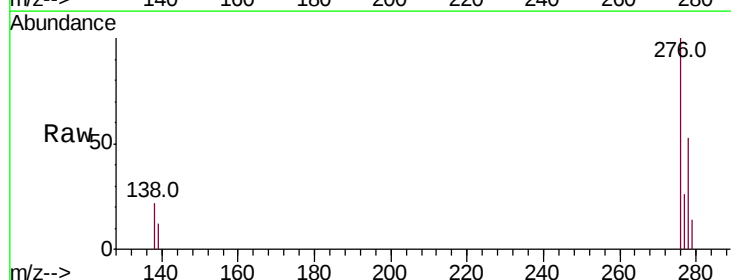
Tgt Ion:276 Resp: 24309

Ion Ratio Lower Upper

276 100

138 18.2 0.0 0.0#

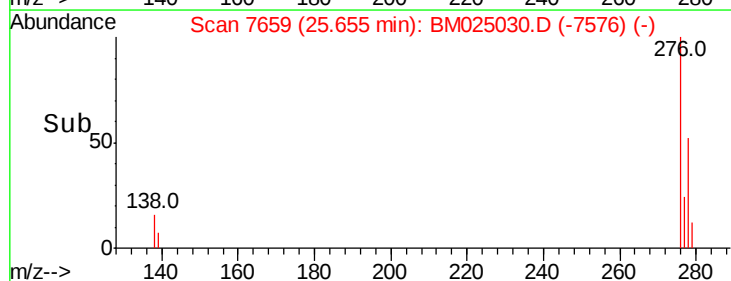
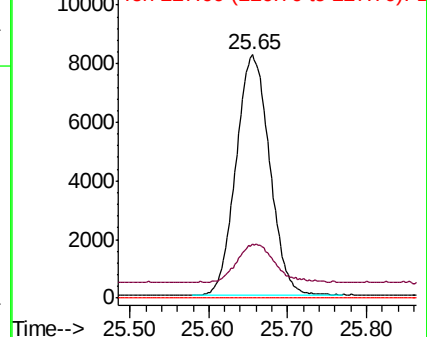
227 0.0 0.0 0.0

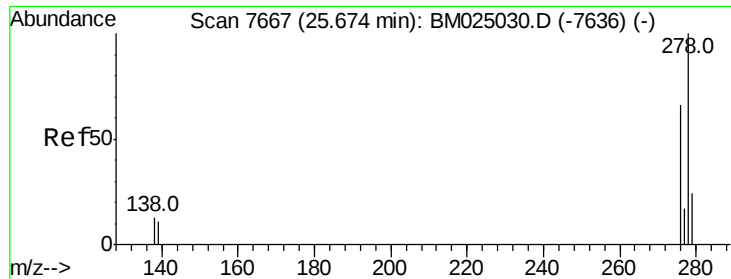


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



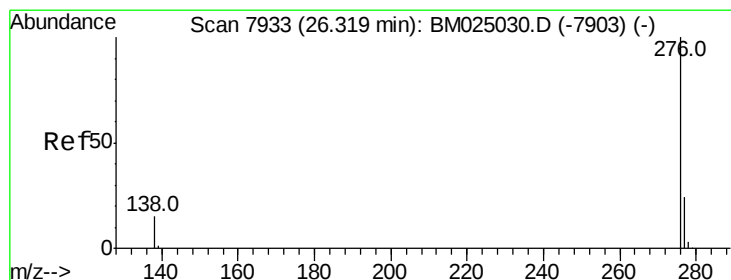
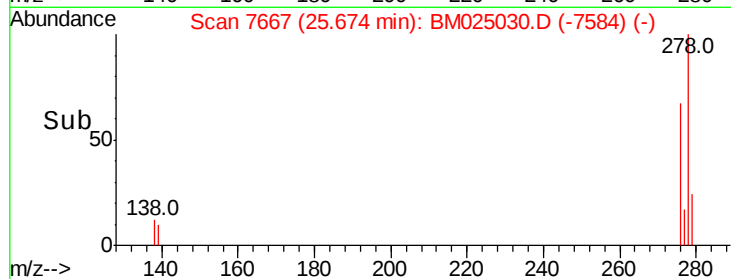
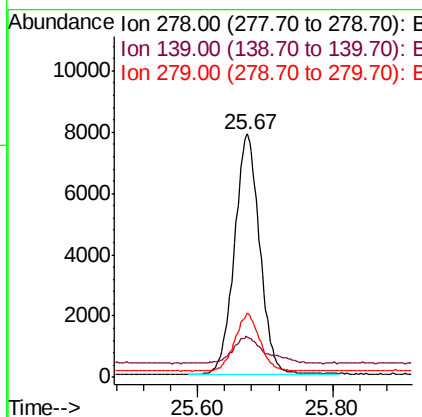
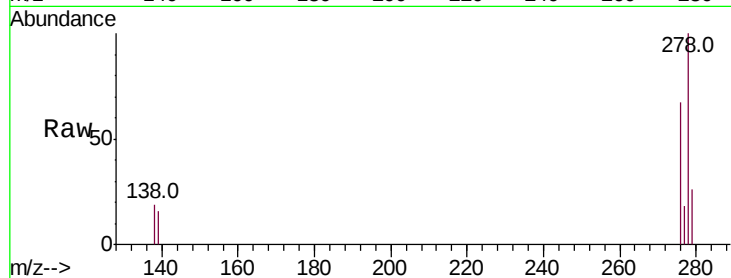


#25
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 25.67 min Scan# 7667
Delta R.T. 0.00 min
Lab File: BM025030.D
Acq: 24 Feb 2020 20:11

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 20393

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.2	19.8
279	26.2	21.0	31.4



#26
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.32 min Scan# 7933
Delta R.T. 0.00 min
Lab File: BM025030.D
Acq: 24 Feb 2020 20:11

Tgt Ion:276 Resp: 20334

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.9	26.9
277	25.6	20.5	30.7

