

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
 Data File : BN006392.D
 Acq On : 19 Jun 2019 00:10
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 19 01:29:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

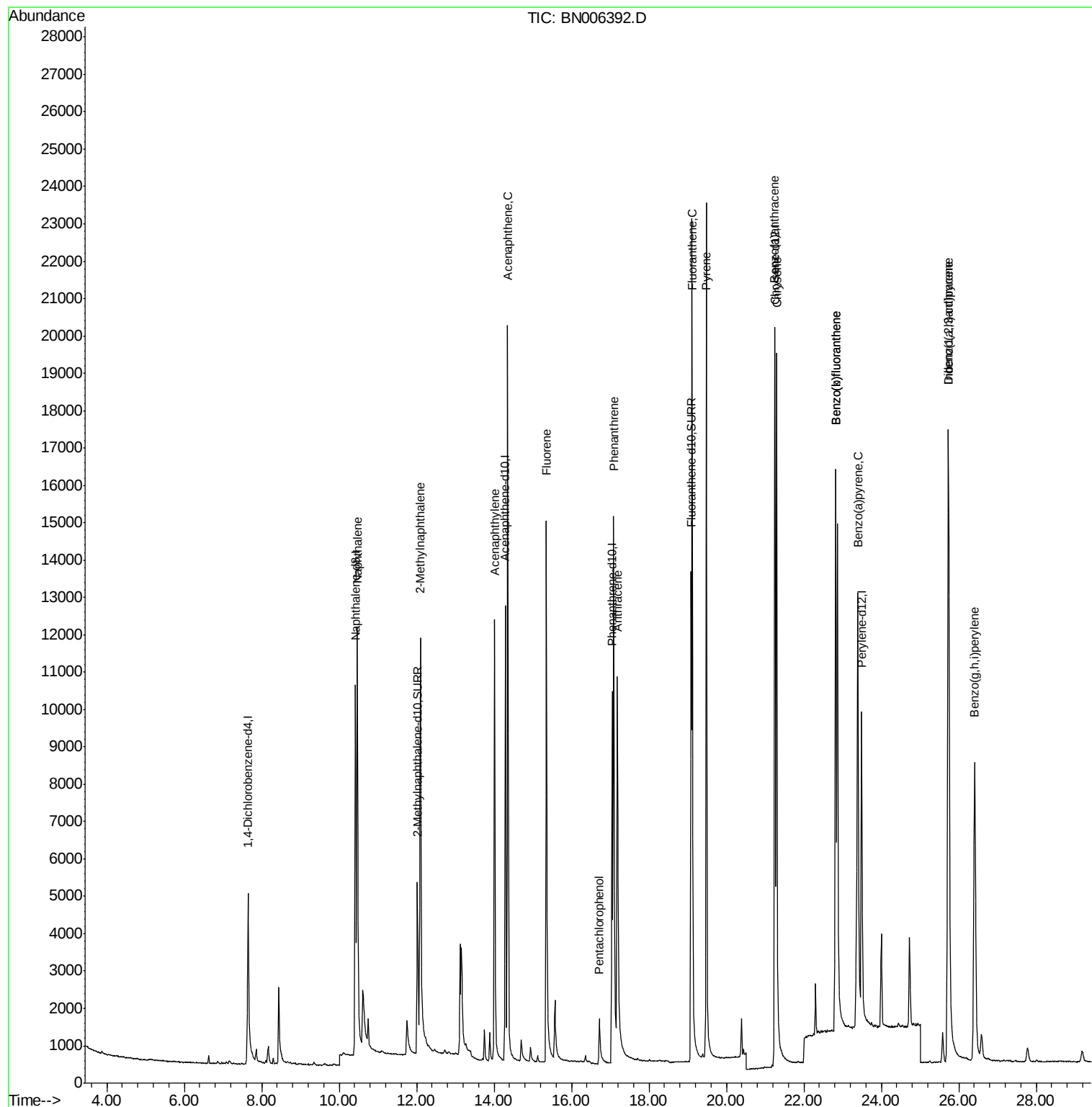
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3995	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15838	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7602	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14824	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10694	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	11926	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9110	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15477	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	18757	0.429	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	11372	0.373	ng/ul	98
7) Acenaphthylene	14.01	152	15900	0.376	ng/ul	100
8) Acenaphthene	14.35	153	12304	0.420	ng/ul	99
9) Fluorene	15.35	166	12352	0.360	ng/ul	98
11) Pentachlorophenol	16.72	266	1602	0.425	ng/ul	97
12) Phenanthrene	17.09	178	18340	0.385	ng/ul	99
13) Anthracene	17.18	178	15336	0.337	ng/ul	99
15) Fluoranthene	19.11	202	20659	0.393	ng/ul	96
17) Pyrene	19.48	202	21742	0.386	ng/ul	99
18) Benzo(a)anthracene	21.24	228	16827	0.356	ng/ul	99
19) Chrysene	21.30	228	20824	0.469	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	18983	0.382	ng/ul	93
22) Benzo(k)fluoranthene	22.82	252	18983	0.392	ng/ul	96
23) Benzo(a)pyrene	23.39	252	19875	0.429	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.73	276	21859	0.436	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.74	278	17093	0.427	ng/ul	93
26) Benzo(g,h,i)perylene	26.41	276	18755	0.447	ng/ul	95

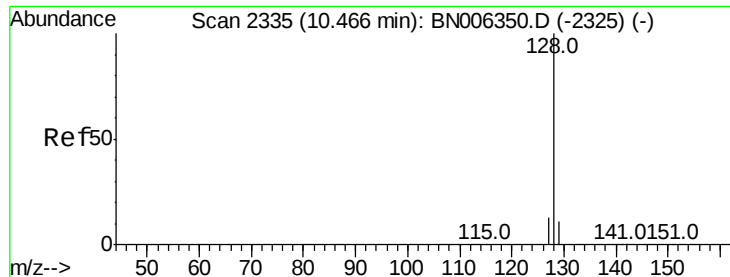
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.429 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampleId :

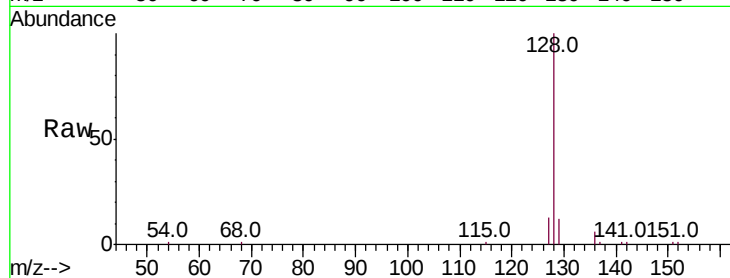
Tot Ion:128 Resp: 18757

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

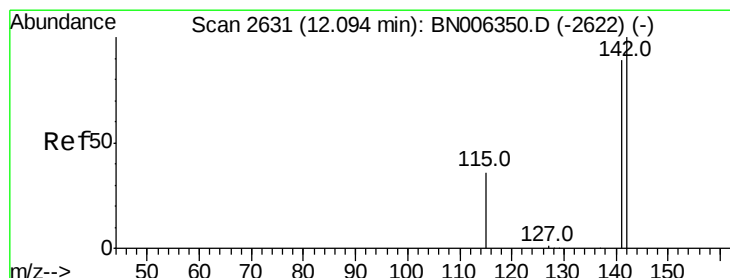
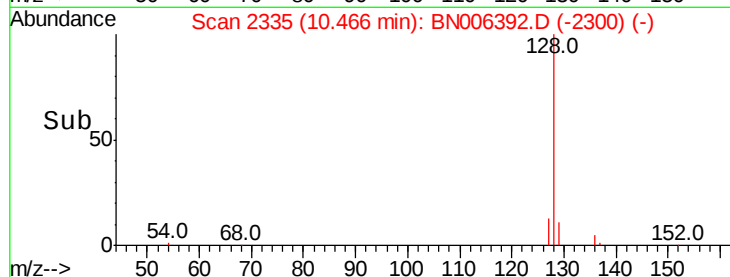
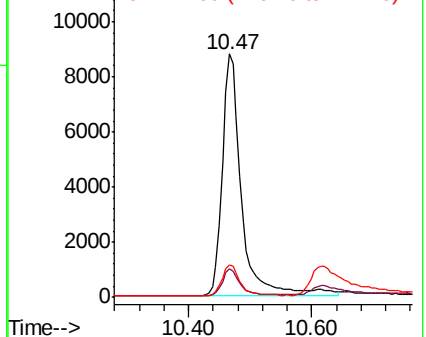
127 13.4 10.7 16.1



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: 0.373 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BN006392.D

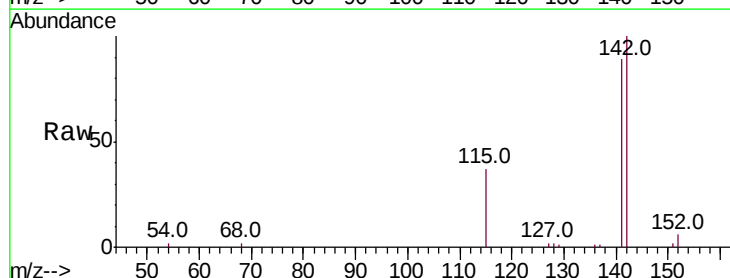
Acq: 19 Jun 2019 00:10

Tgt Ion:142 Resp: 11372

Ion Ratio Lower Upper

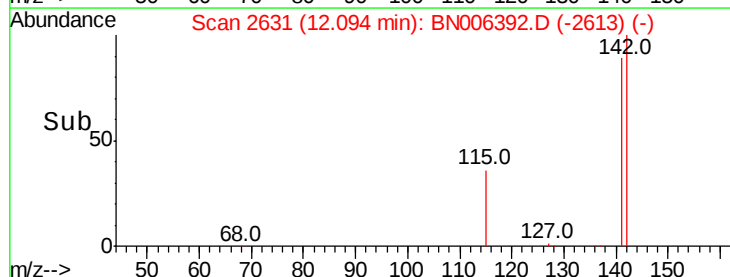
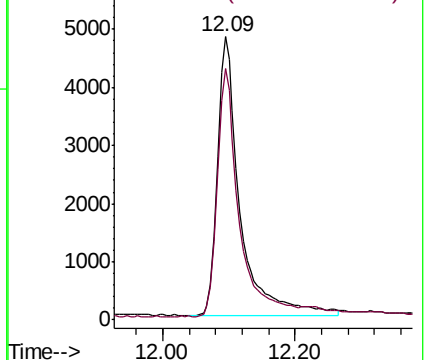
142 100

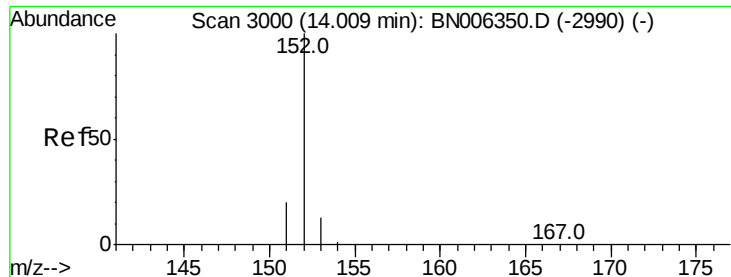
141 89.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.376 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampleId :

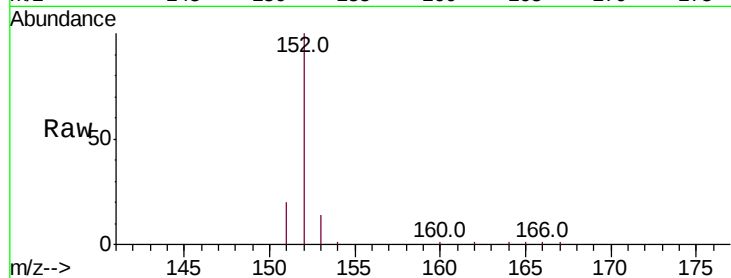
Tot Ion:152 Resp: 15900

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

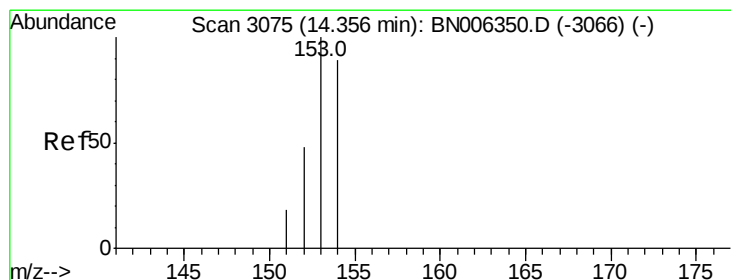
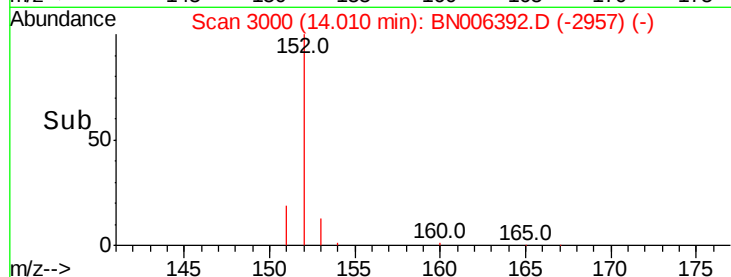
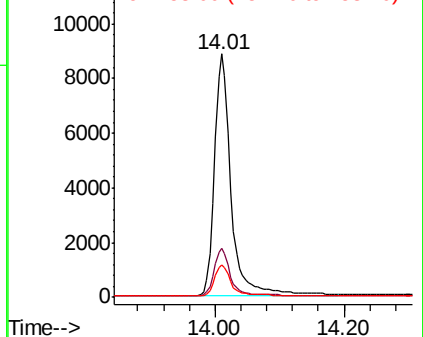
153 13.6 10.8 16.2



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



#8

Acenaphthene

Concen: 0.420 ng/ul

RT: 14.35 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

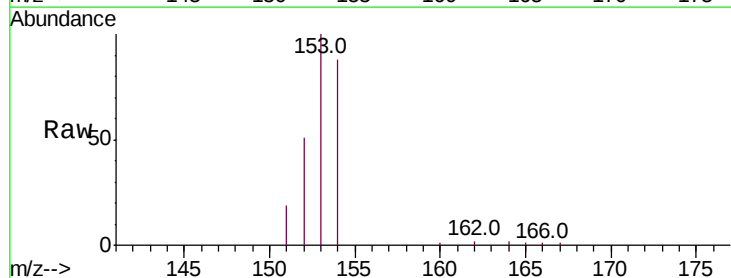
Tgt Ion:153 Resp: 12304

Ion Ratio Lower Upper

153 100

152 50.6 39.1 58.7

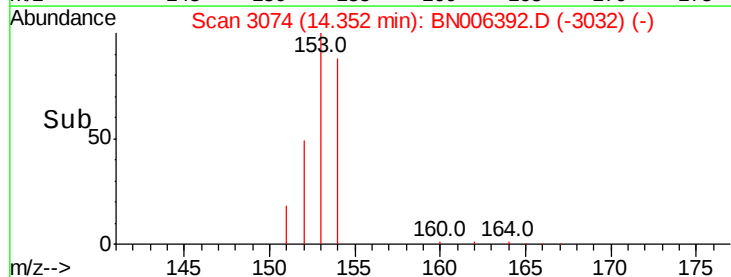
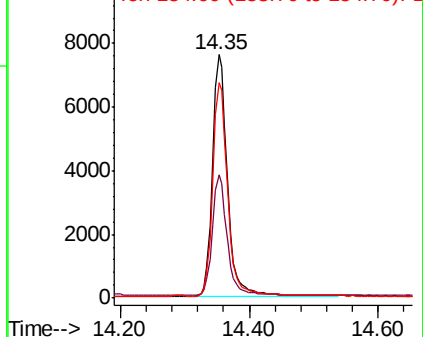
154 88.4 71.1 106.7

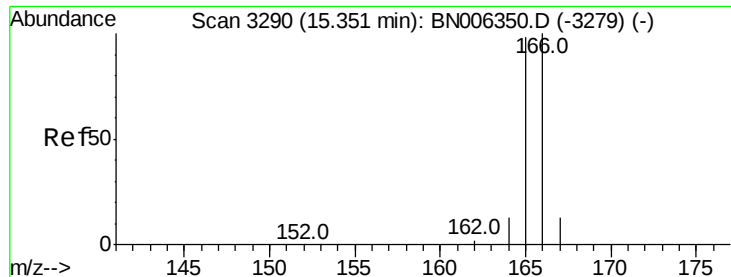


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.360 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampleId :

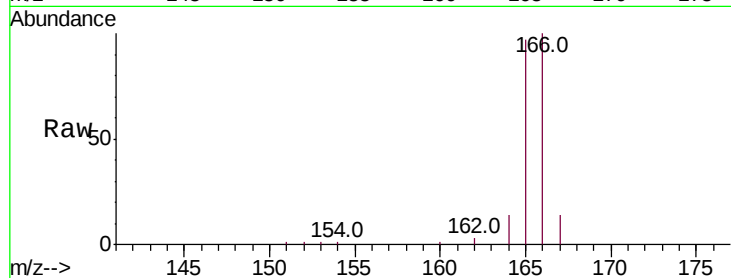
Tot Ion:166 Resp: 12352

Ion Ratio Lower Upper

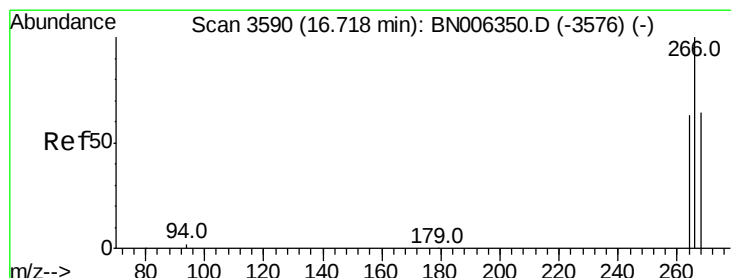
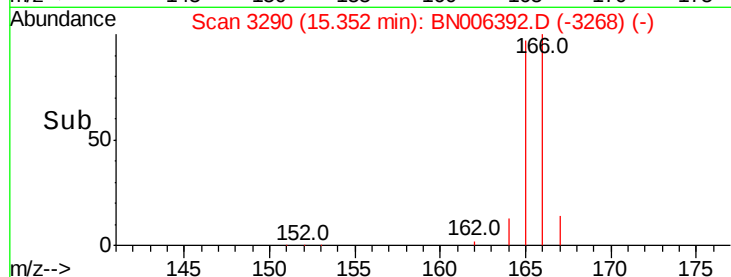
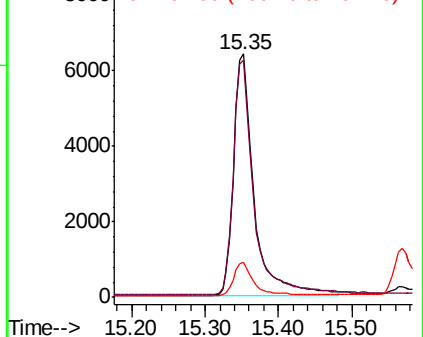
166 100

165 97.2 76.4 114.6

167 14.4 11.0 16.6



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: 0.425 ng/ul

RT: 16.72 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

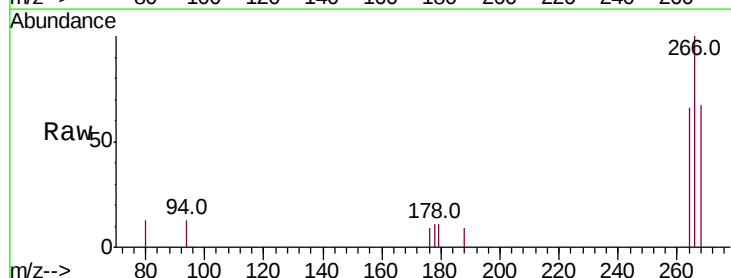
Tgt Ion:266 Resp: 1602

Ion Ratio Lower Upper

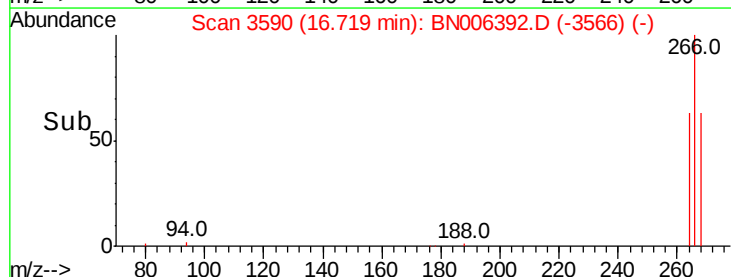
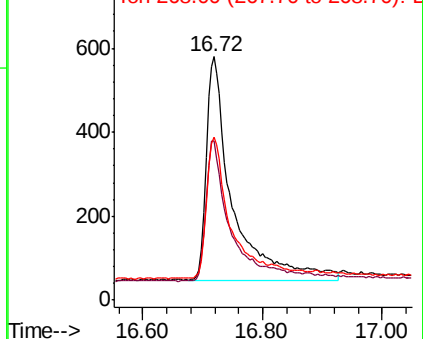
266 100

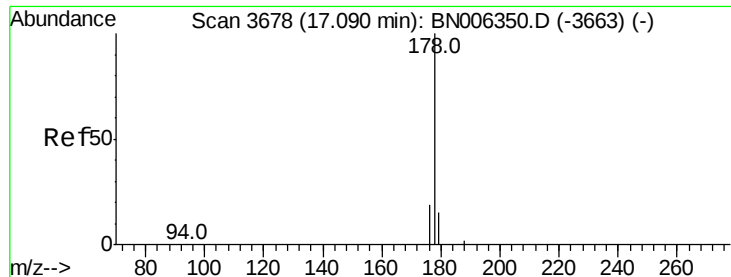
264 65.2 50.3 75.5

268 66.5 51.3 76.9



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: 0.385 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampleId :

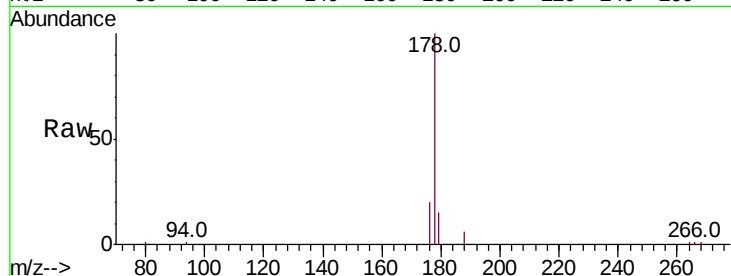
Tot Ion:178 Resp: 18340

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

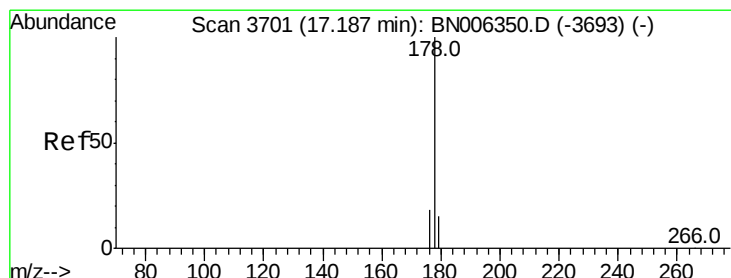
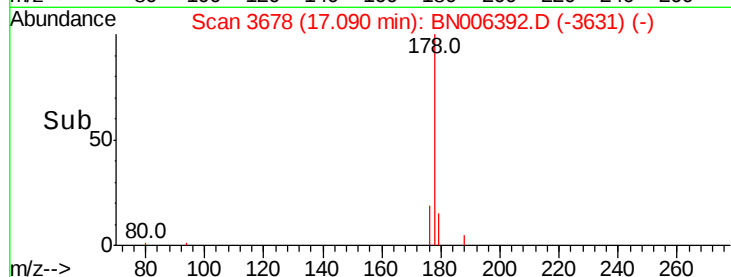
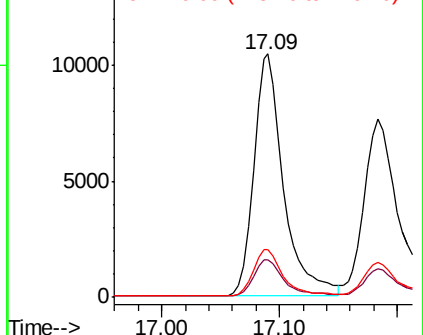
176 19.5 15.3 22.9



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: 0.337 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

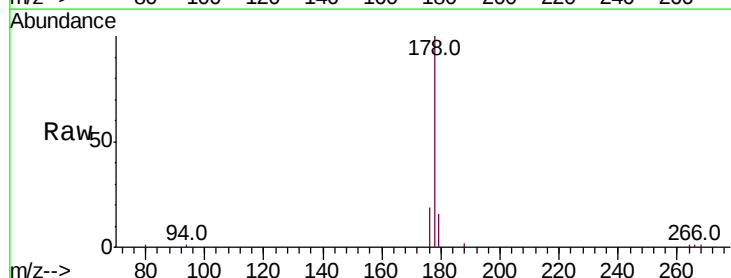
Tgt Ion:178 Resp: 15336

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

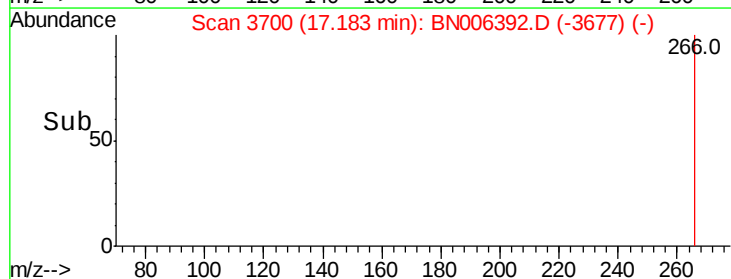
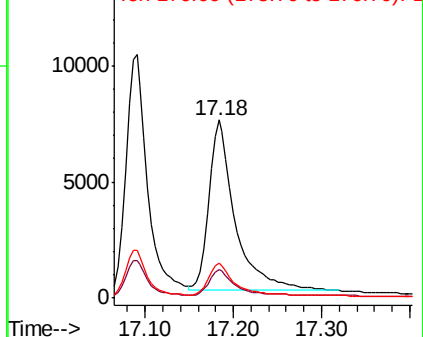
176 19.4 15.1 22.7

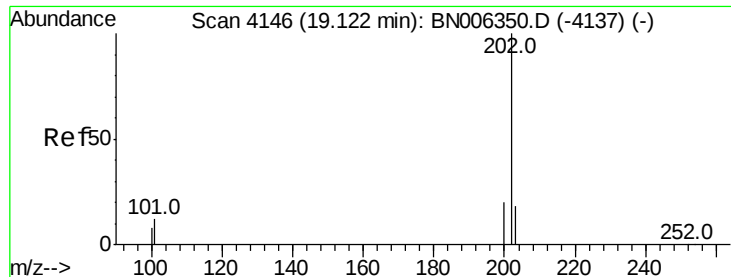


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.393 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampleId :

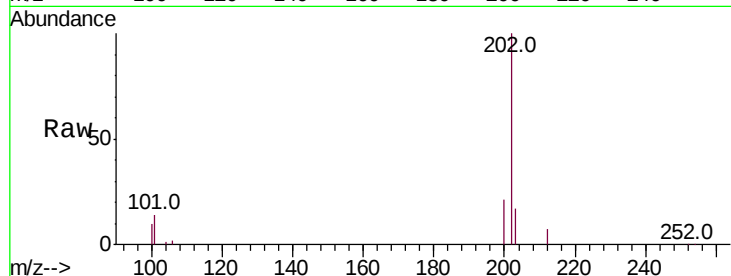
Tot Ion:202 Resp: 20659

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.1

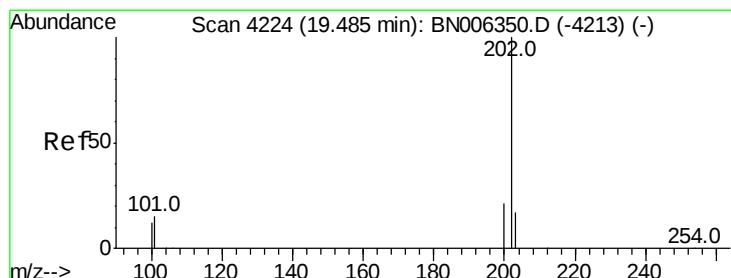
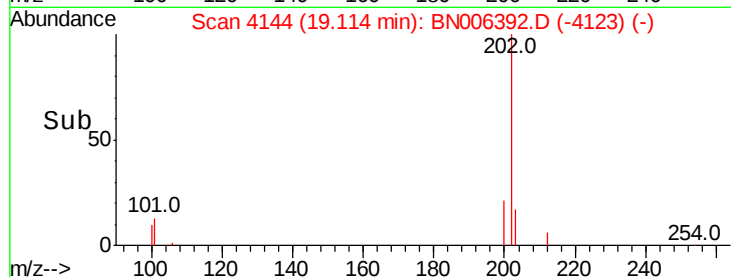
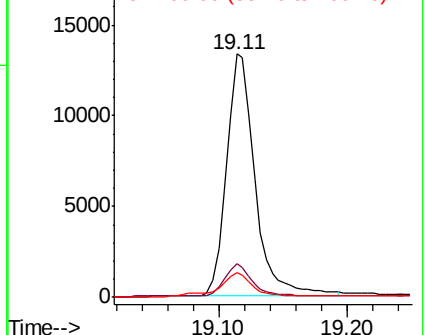
100 10.3 0.0 28.7



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: 0.386 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

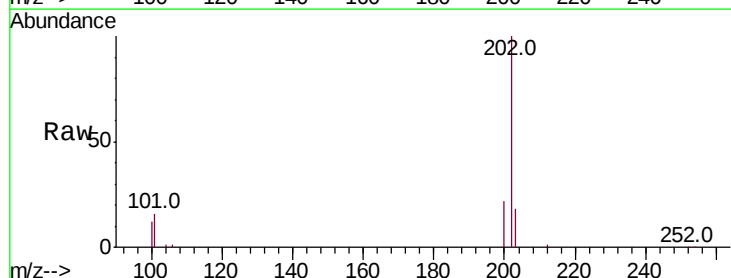
Tgt Ion:202 Resp: 21742

Ion Ratio Lower Upper

202 100

101 15.5 12.2 18.2

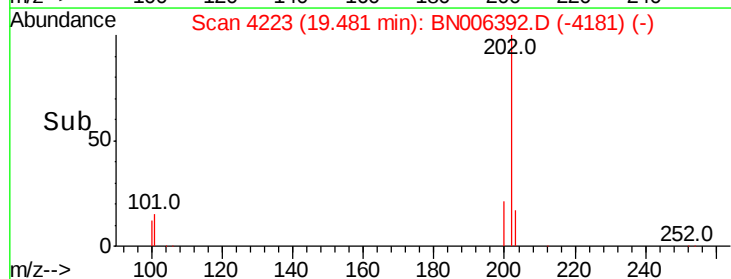
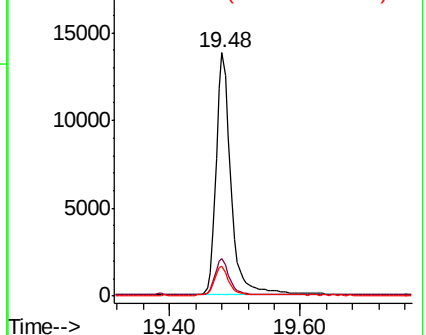
100 12.0 9.8 14.6

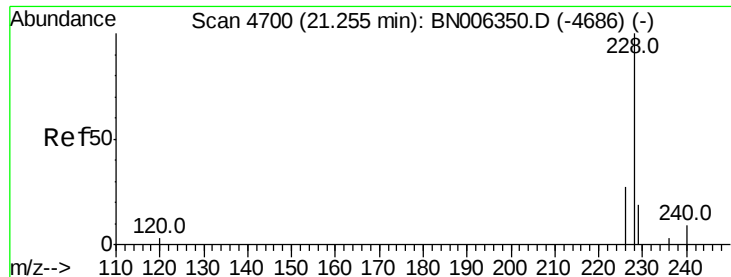


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.356 ng/ul

RT: 21.24 min Scan# 4697

Delta R.T. -0.01 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampleId :

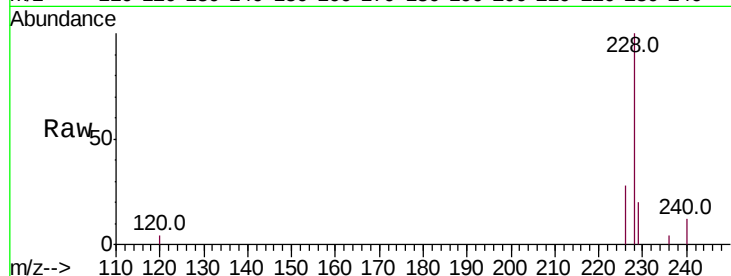
Tot Ion:228 Resp: 16827

Ion Ratio Lower Upper

228 100

229 19.9 16.5 24.7

226 28.0 22.8 34.2

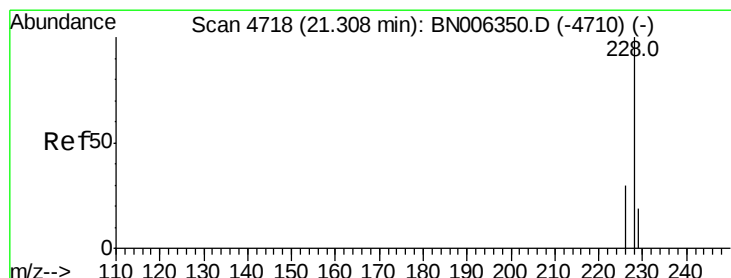
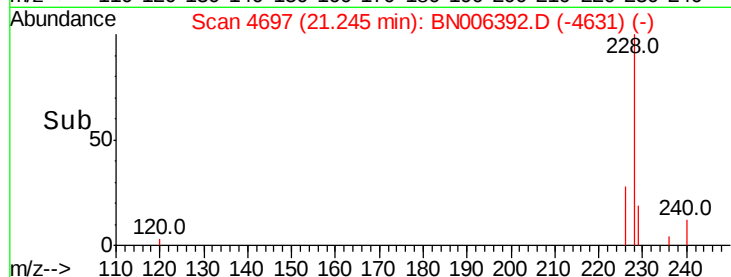
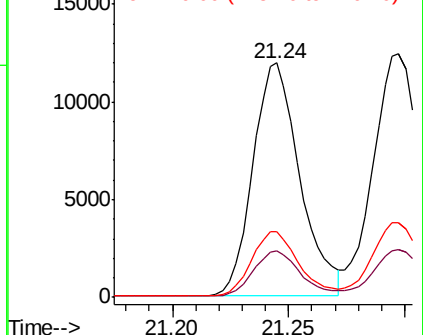


Abundance

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: 0.469 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.01 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

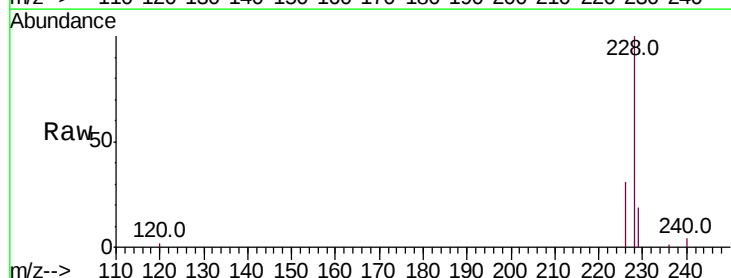
Tgt Ion:228 Resp: 20824

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.5 16.3 24.5

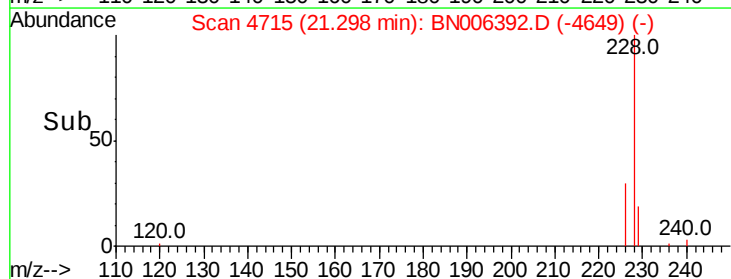
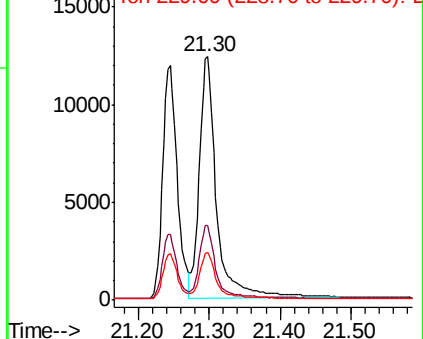


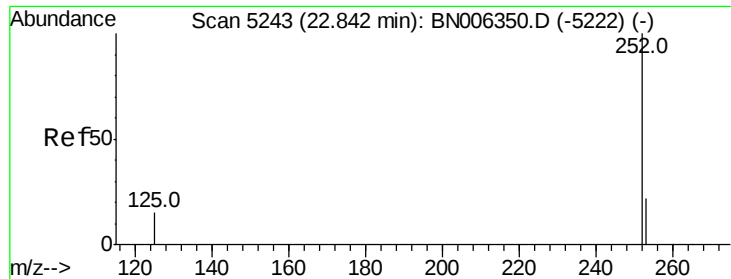
Abundance

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: 0.382 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.01 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampled :

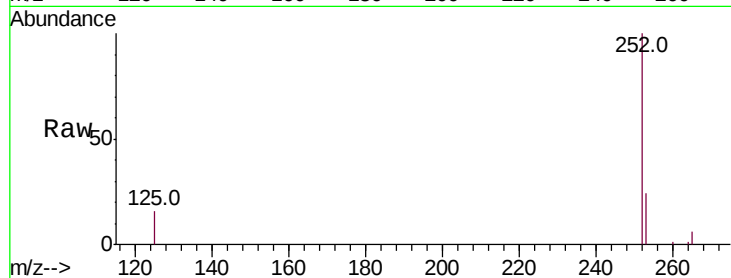
Tot Ion:252 Resp: 18983

Ion Ratio Lower Upper

252 100

253 23.6 0.0 51.4

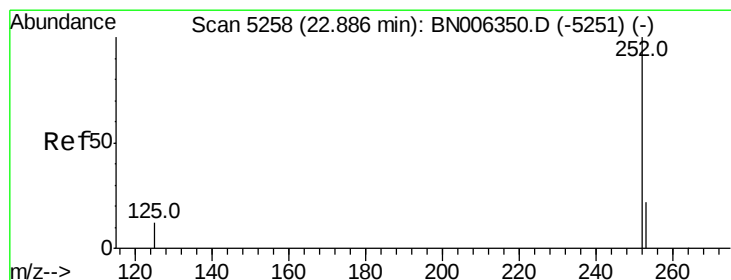
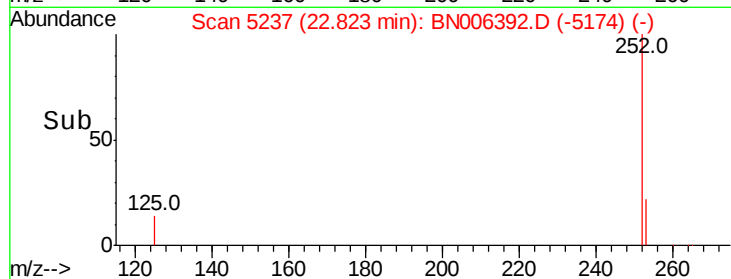
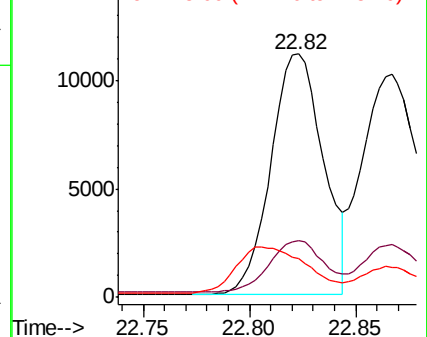
125 15.7 0.0 41.0



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: 0.392 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.06 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

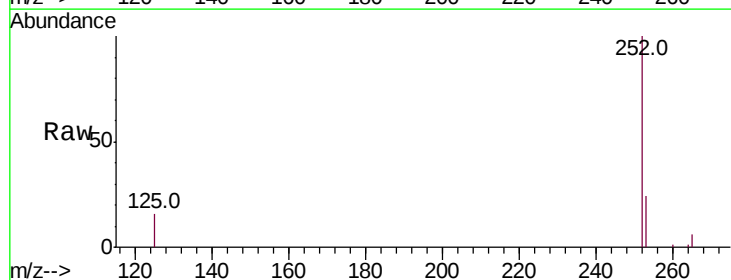
Tgt Ion:252 Resp: 18983

Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

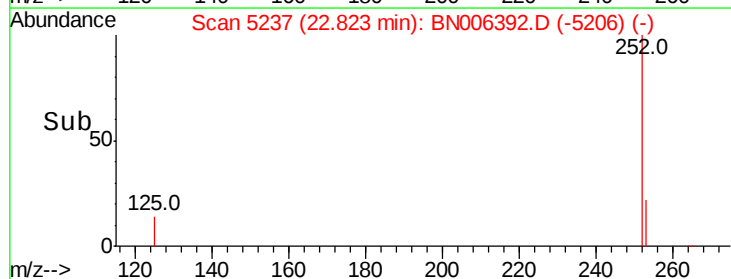
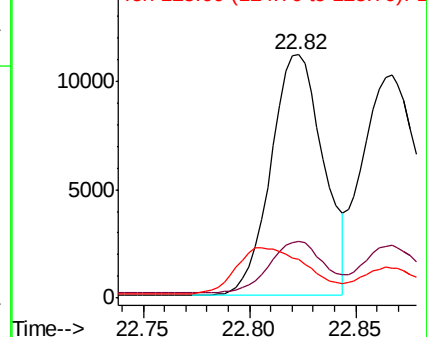
125 15.7 14.3 21.5

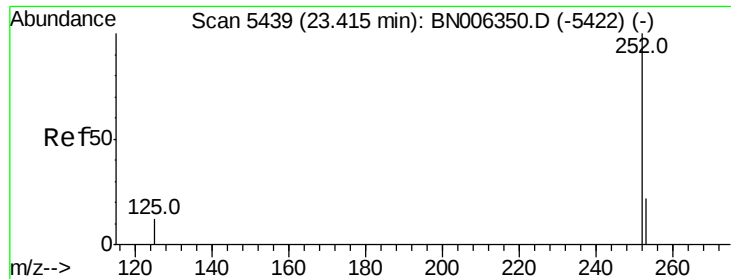


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. -0.02 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

Instrument :

BNA_N

ClientSampleId :

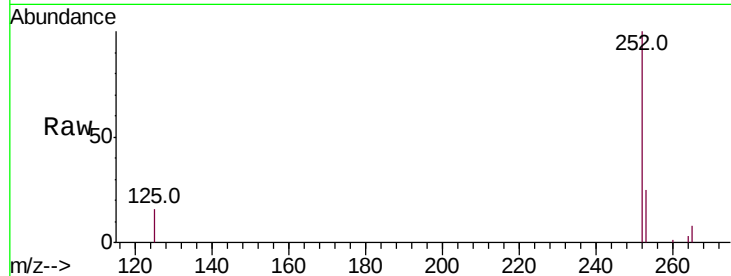
Tot Ion:252 Resp: 19875

Ion Ratio Lower Upper

252 100

253 24.6 21.1 31.7

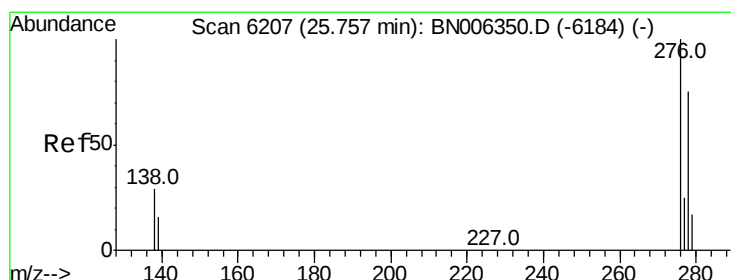
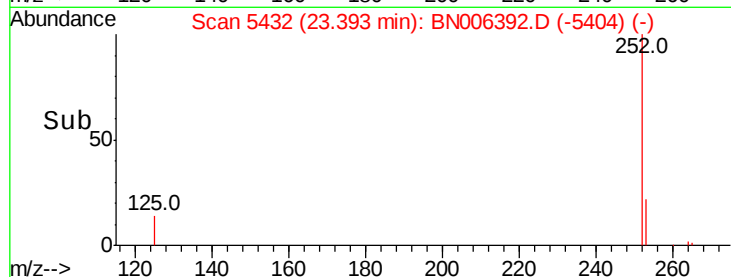
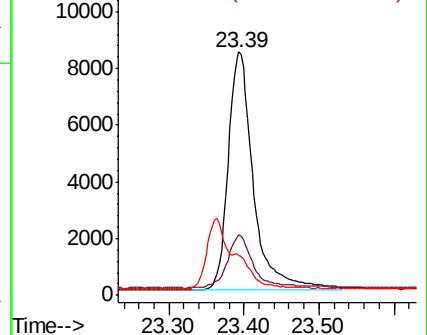
125 16.2 20.3 30.5#



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: 0.436 ng/ul

RT: 25.73 min Scan# 6199

Delta R.T. -0.02 min

Lab File: BN006392.D

Acq: 19 Jun 2019 00:10

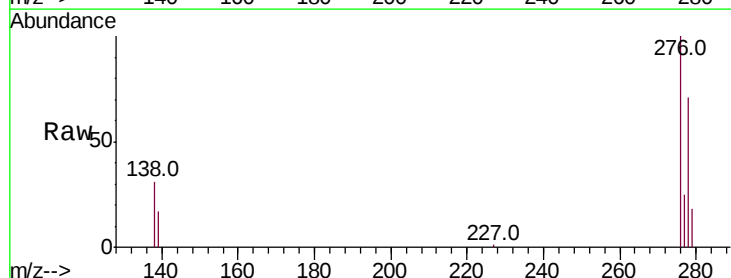
Tgt Ion:276 Resp: 21859

Ion Ratio Lower Upper

276 100

138 30.1 25.6 38.4

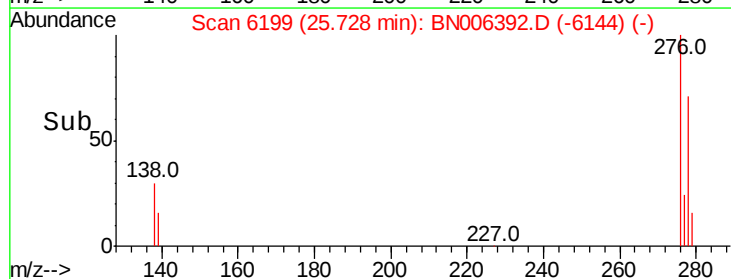
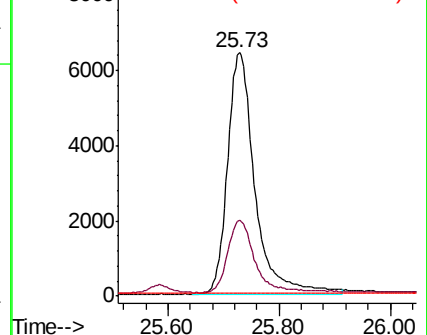
227 0.2 0.3 0.5#

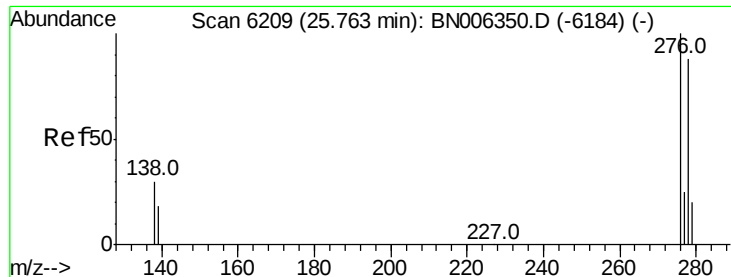


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



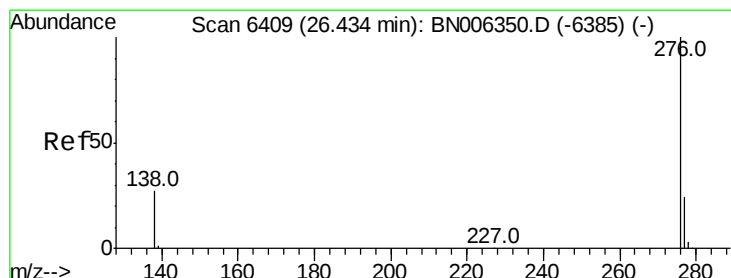
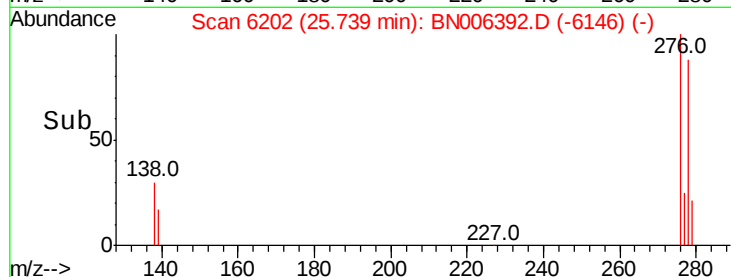
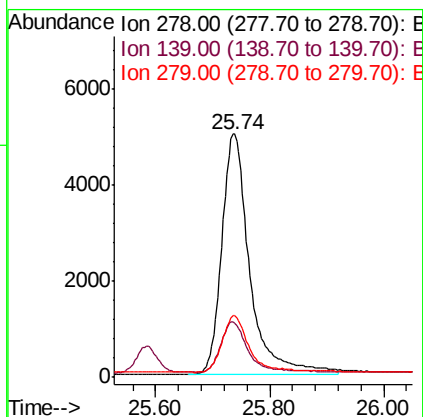
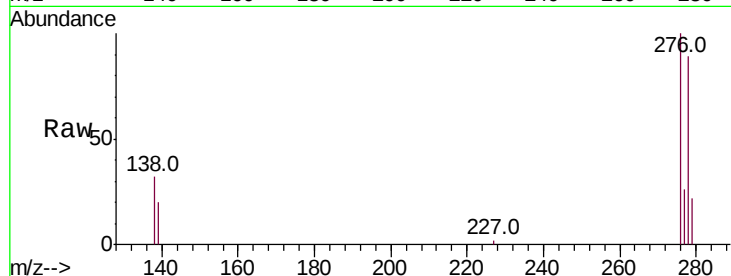


#25
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. -0.01 min
Lab File: BN006392.D
Acq: 19 Jun 2019 00:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 17093

Ion	Ratio	Lower	Upper
278	100		
139	22.1	21.2	31.8
279	25.2	22.6	33.8



#26
Benzo(g,h,i)perylene
Concen: 0.447 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. -0.02 min
Lab File: BN006392.D
Acq: 19 Jun 2019 00:10

Tgt Ion:276 Resp: 18755

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.2	36.4
277	24.5	21.5	32.3

