

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006175.D
 Acq On : 07 Jun 2019 19:54
 Operator : JU/SJ
 Sample : K3201-13DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4DL

Quant Time: Jun 08 02:03:52 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5301	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19770	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10035	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20881	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17455	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	27595	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1818	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4155	0.07	ng/ul	0.00

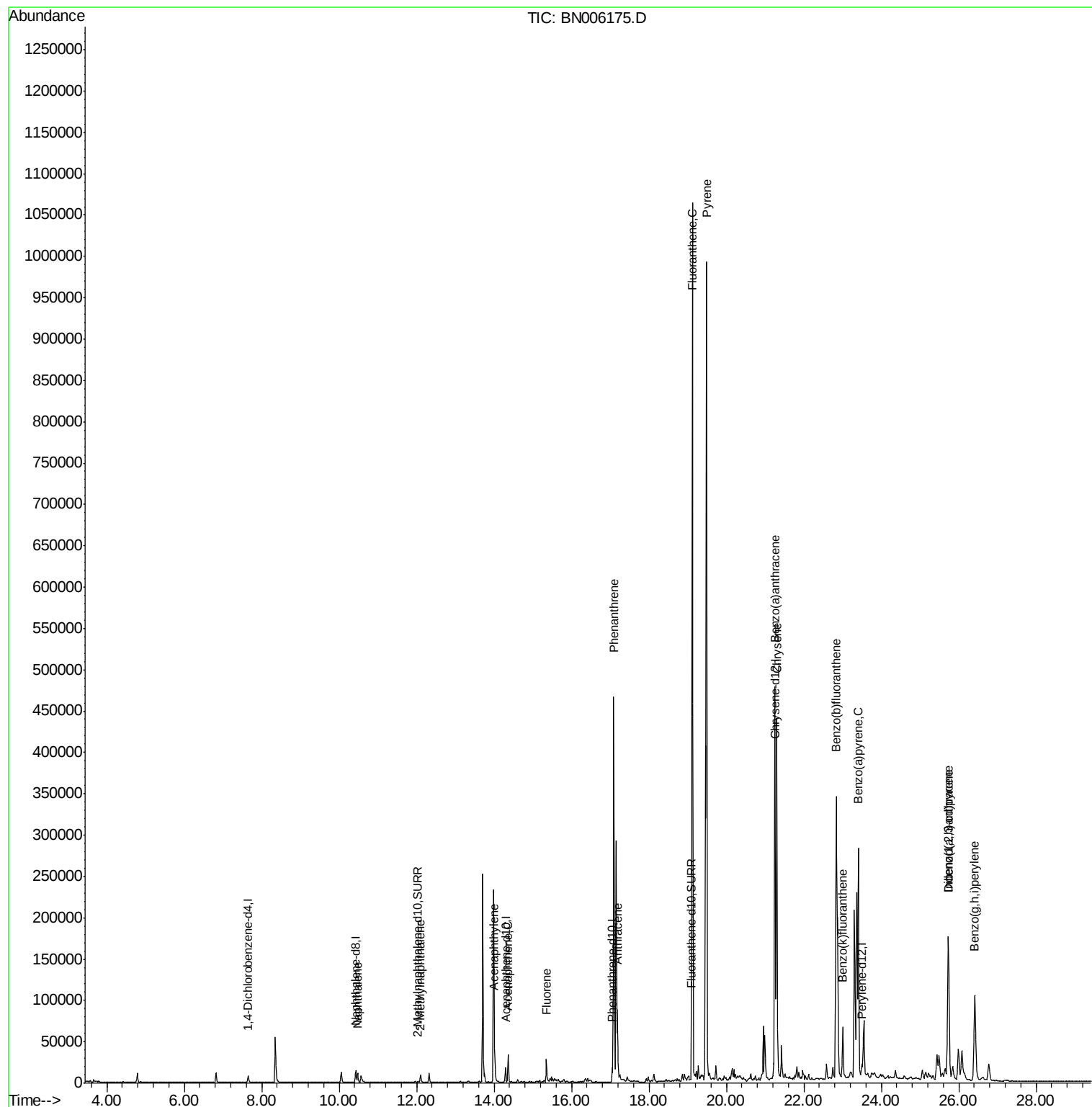
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	16053	0.294	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	8157	0.215	ng/ul	100
7) Acenaphthylene	14.01	152	35905	0.644	ng/ul	99
8) Acenaphthene	14.36	153	19465	0.503	ng/ul	99
9) Fluorene	15.35	166	18501	0.409	ng/ul	96
12) Phenanthrene	17.09	178	488140	7.283	ng/ul	100
13) Anthracene	17.18	178	94285	1.473	ng/ul	99
15) Fluoranthene	19.12	202	904244	12.217	ng/ul	99
17) Pyrene	19.49	202	814136	8.855	ng/ul	99
18) Benzo(a)anthracene	21.25	228	408777	5.295	ng/ul	100
19) Chrysene	21.30	228	436164	6.018	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	763705	6.637	ng/ul	90
22) Benzo(k)fluoranthene	23.00	252	55680	0.497	ng/ul	96
23) Benzo(a)pyrene	23.40	252	372697	3.478	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.73	276	272459	2.349	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	69054	0.745	ng/ul	95
26) Benzo(g,h,i)perylene	26.42	276	205210	2.112	ng/ul	94

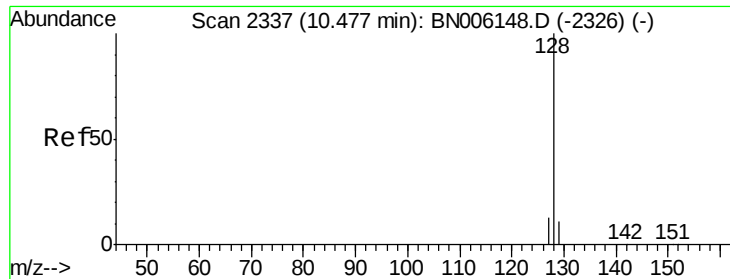
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
Data File : BN006175.D
Acq On : 07 Jun 2019 19:54
Operator : JU/SJ
Sample : K3201-13DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

Quant Time: Jun 08 02:03:52 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.294 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

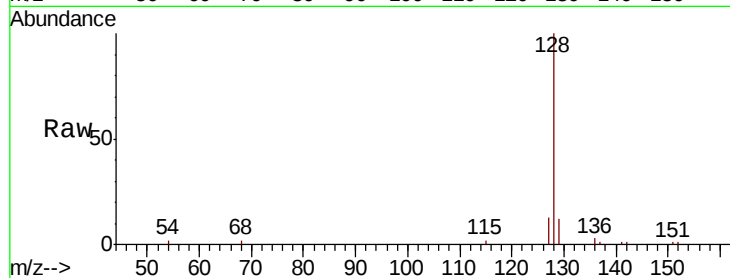
Tgt Ion:128 Resp: 16053

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

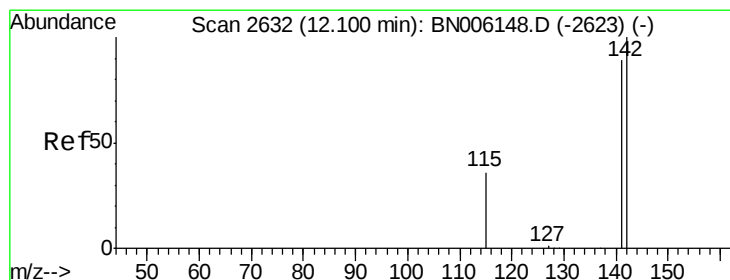
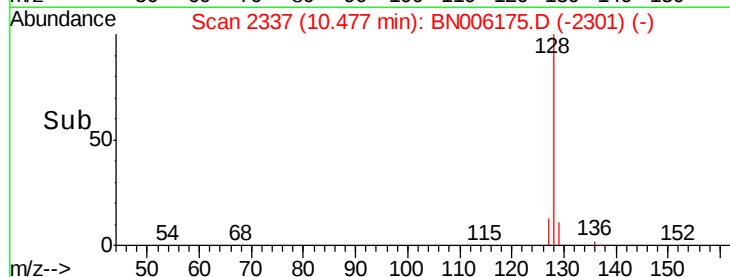
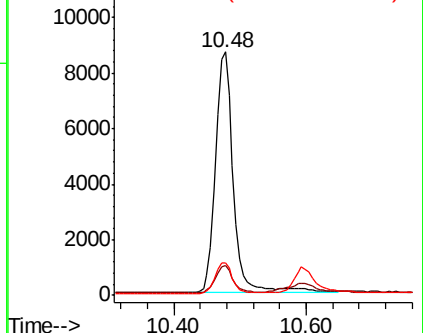
127 13.2 10.7 16.1



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: 0.215 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006175.D

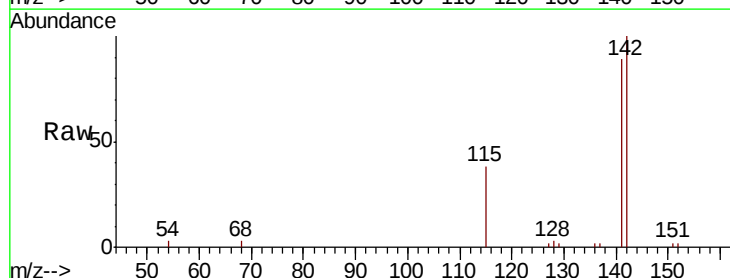
Acq: 07 Jun 2019 19:54

Tgt Ion:142 Resp: 8157

Ion Ratio Lower Upper

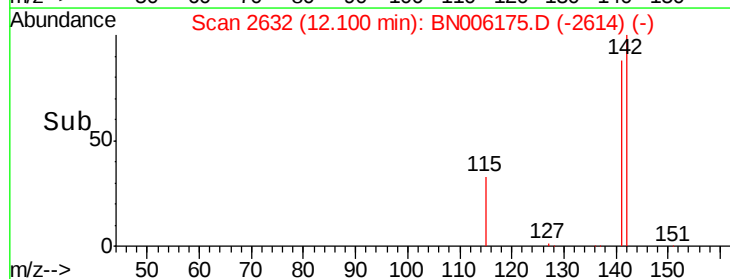
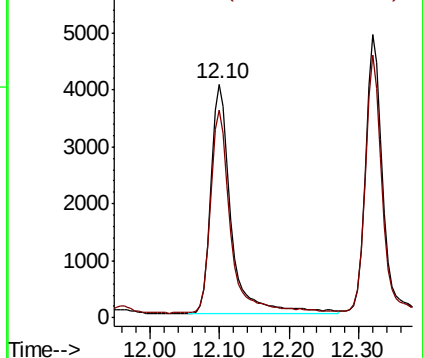
142 100

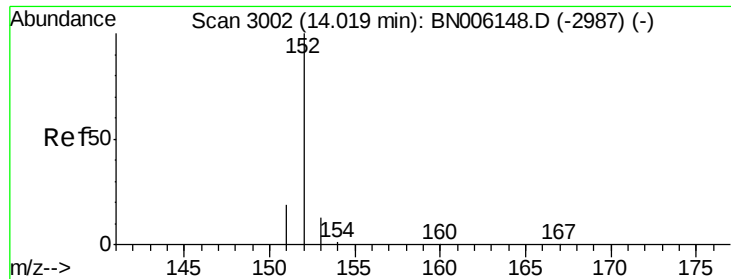
141 87.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.644 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

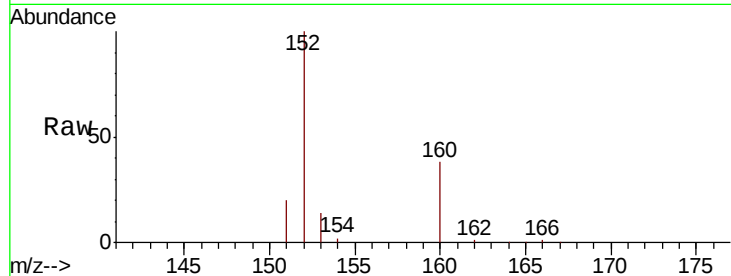
Tgt Ion:152 Resp: 35905

Ion Ratio Lower Upper

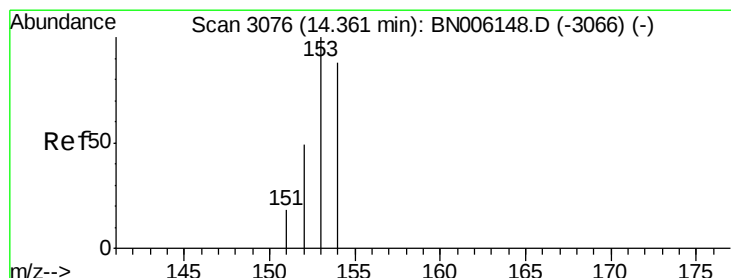
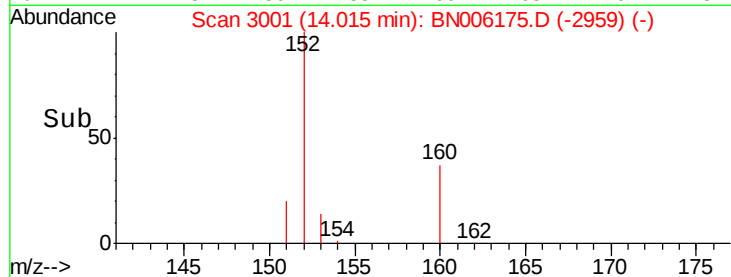
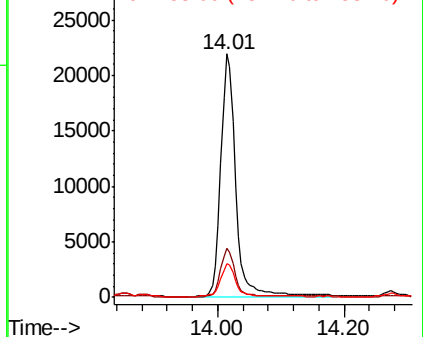
152 100

151 20.1 15.8 23.8

153 14.1 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: 0.503 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

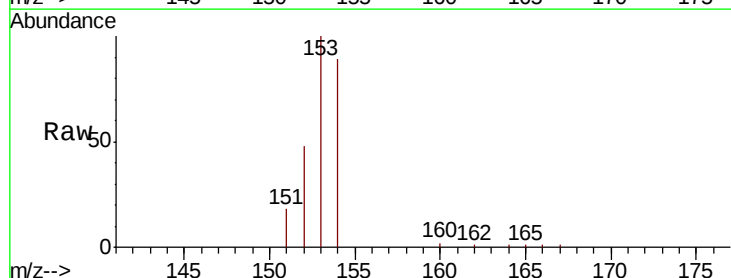
Tgt Ion:153 Resp: 19465

Ion Ratio Lower Upper

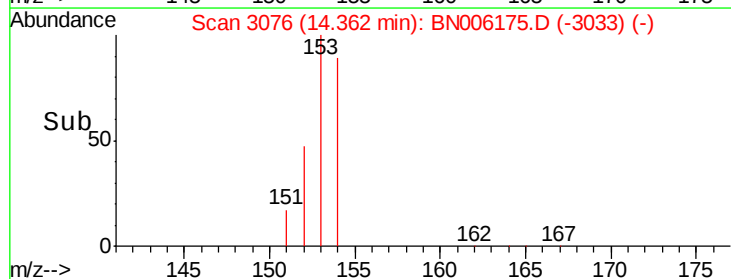
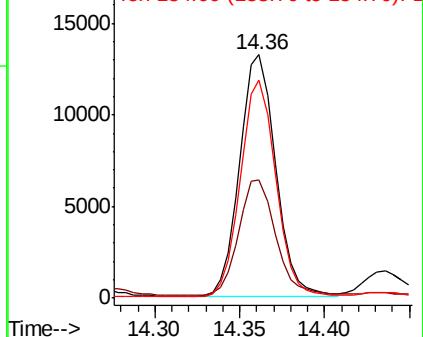
153 100

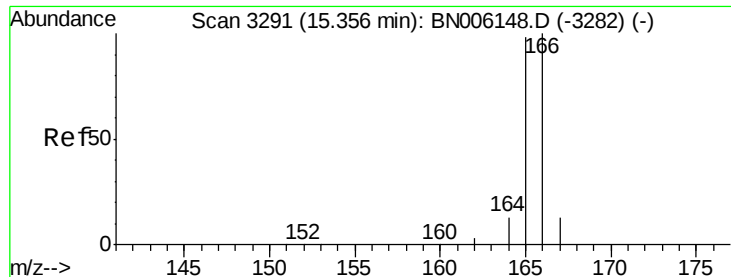
152 48.3 39.1 58.7

154 89.3 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: 0.409 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

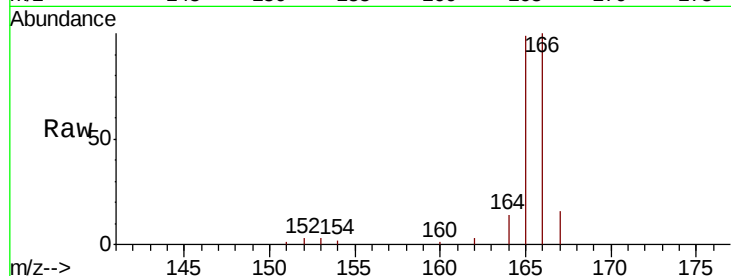
Tgt Ion:166 Resp: 18501

Ion Ratio Lower Upper

166 100

165 98.8 76.4 114.6

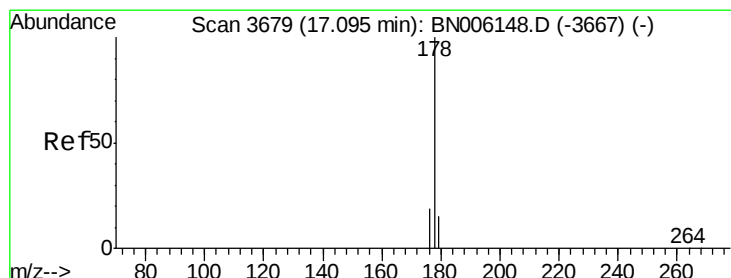
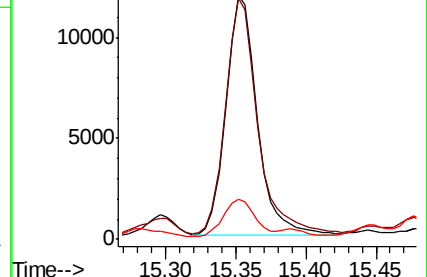
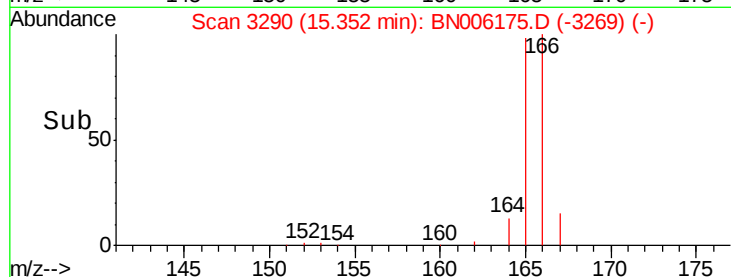
167 16.4 11.0 16.6



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



#12

Phenanthrene

Concen: 7.283 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

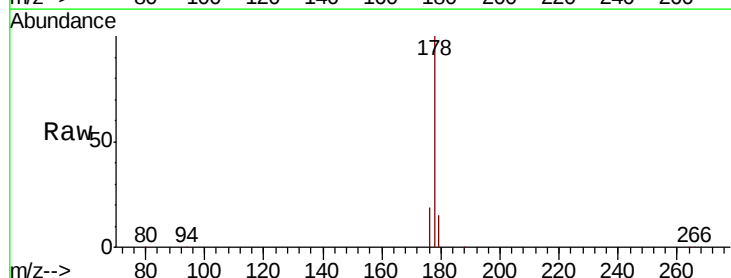
Tgt Ion:178 Resp: 488140

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

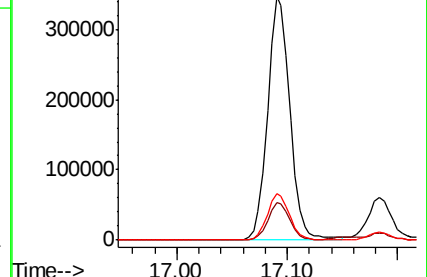
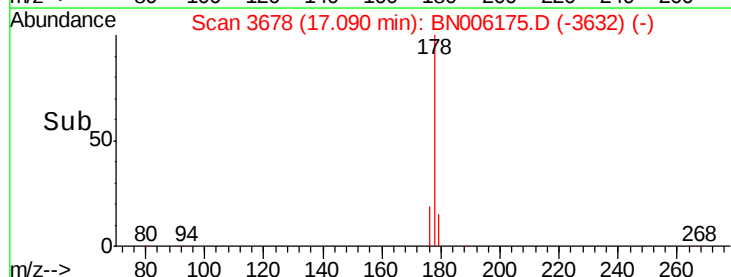
176 19.3 15.3 22.9

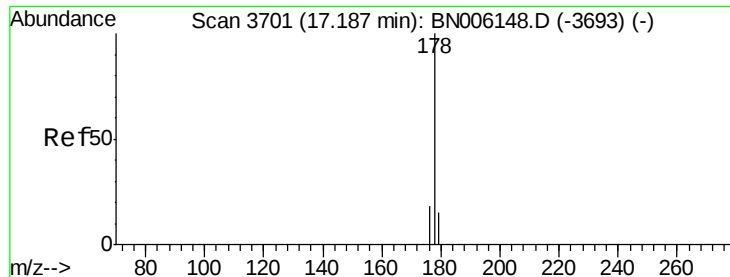


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.473 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

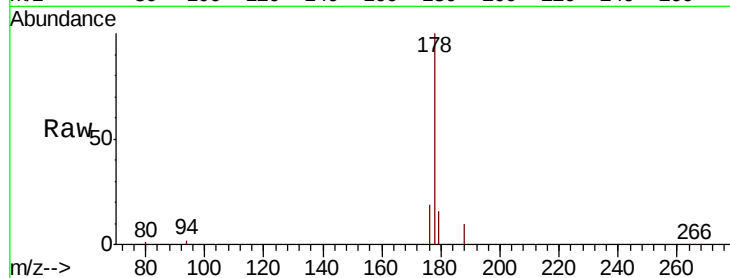
Tgt Ion:178 Resp: 94285

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

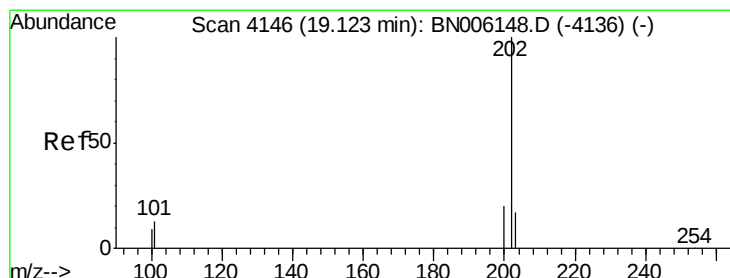
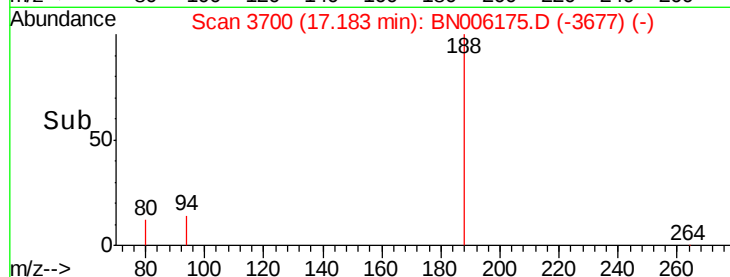
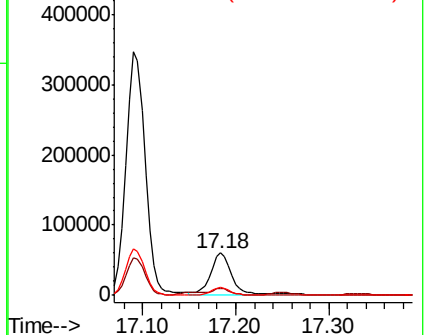
176 18.5 15.1 22.7



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: 12.217 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

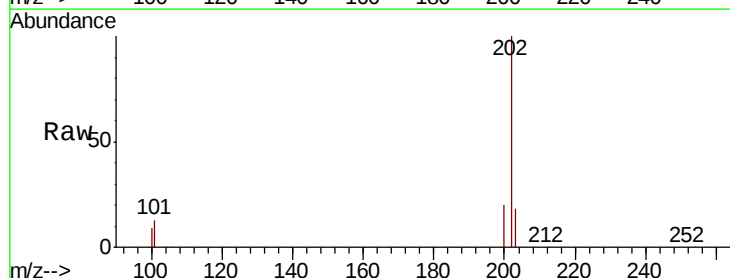
Tgt Ion:202 Resp: 904244

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.1

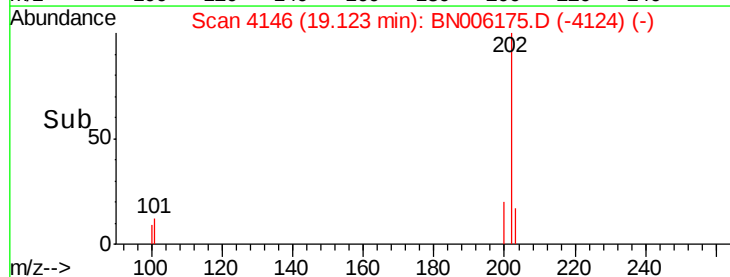
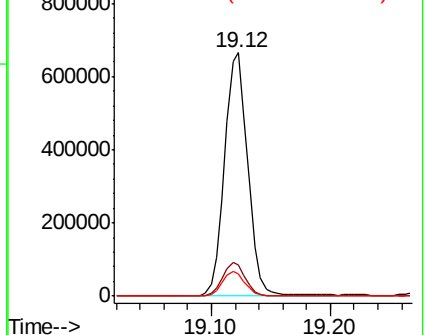
100 9.1 0.0 28.7

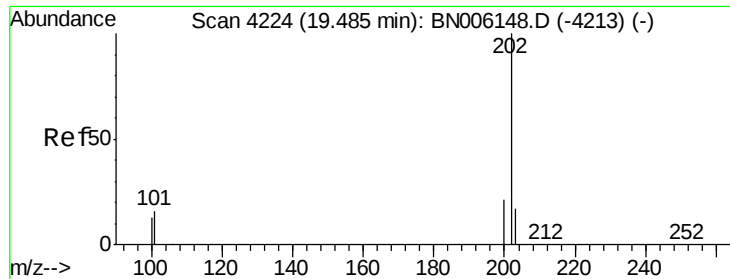


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

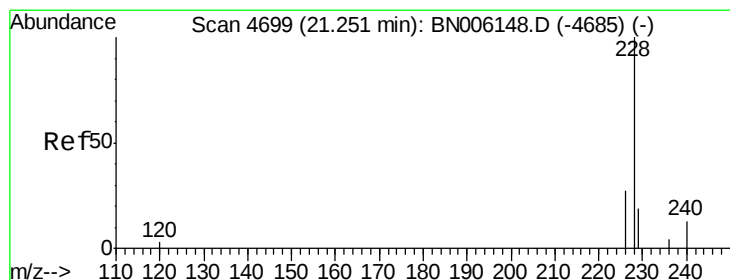
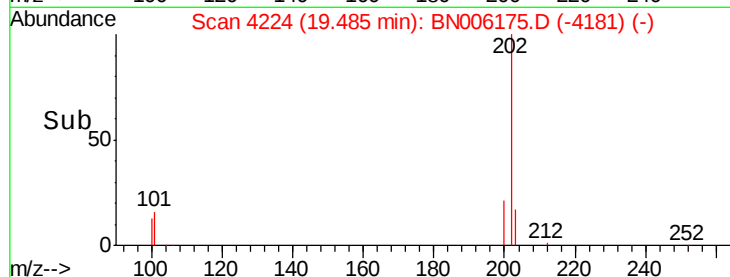
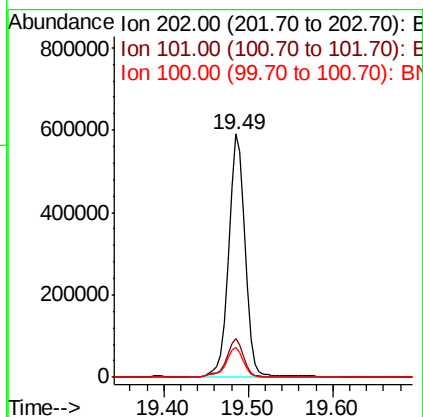
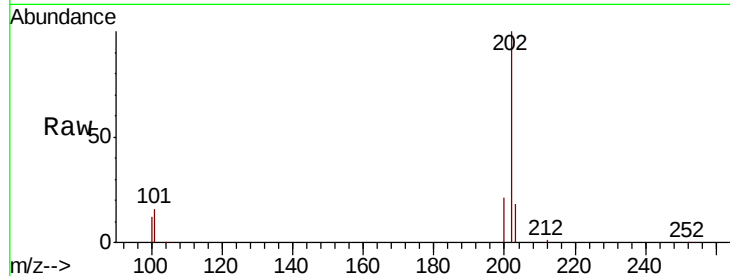




#17
 Pyrene
 Concen: 8.855 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN006175.D
 Acq: 07 Jun 2019 19:54

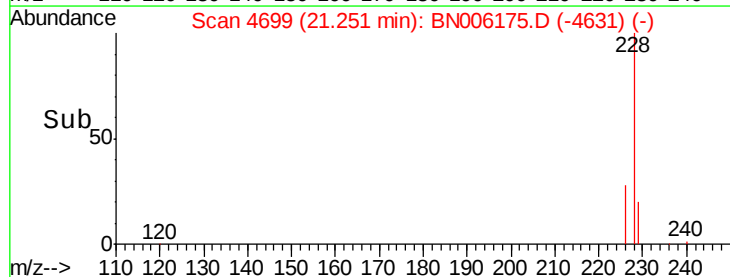
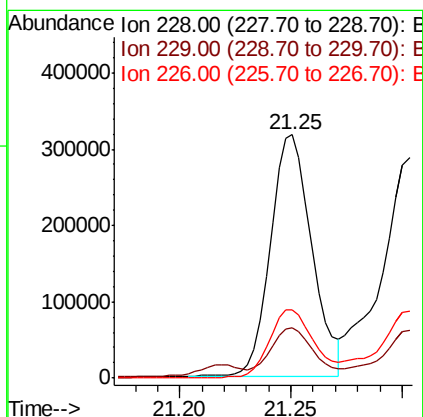
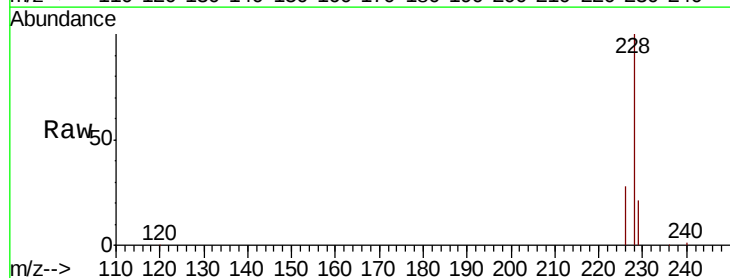
Instrument :
 BNA_N
 ClientSampleId :
 C0AC4DL

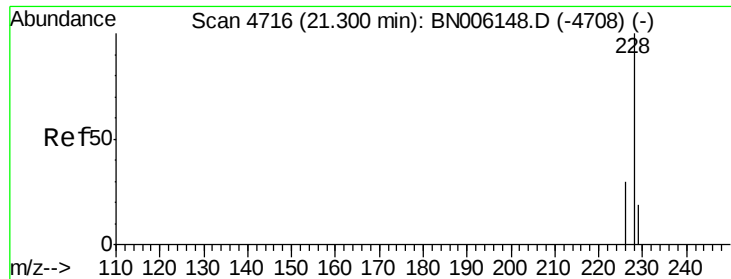
Tgt Ion:202 Resp: 814136
 Ion Ratio Lower Upper
 202 100
 101 15.8 12.2 18.2
 100 12.5 9.8 14.6



#18
 Benzo(a)anthracene
 Concen: 5.295 ng/ul
 RT: 21.25 min Scan# 4699
 Delta R.T. 0.00 min
 Lab File: BN006175.D
 Acq: 07 Jun 2019 19:54

Tgt Ion:228 Resp: 408777
 Ion Ratio Lower Upper
 228 100
 229 20.7 16.5 24.7
 226 28.2 22.8 34.2





#19

Chrysene

Concen: 6.018 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

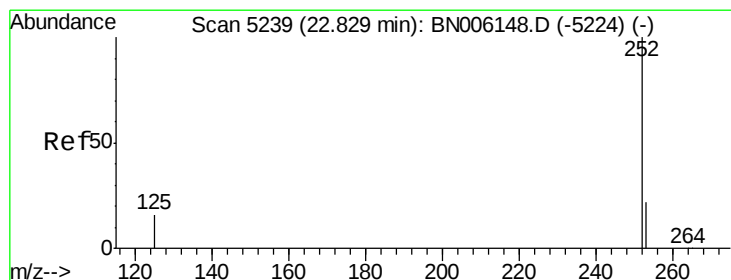
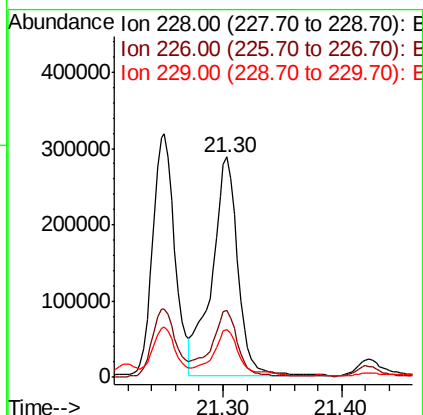
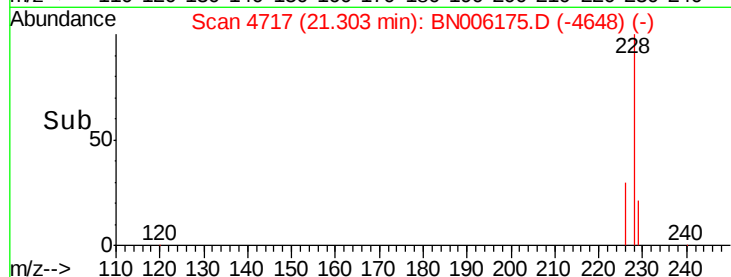
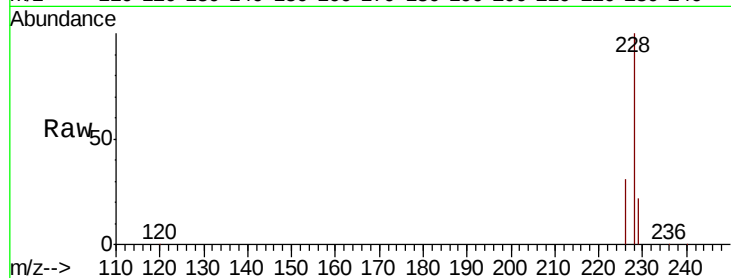
Tgt Ion:228 Resp: 436164

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

229 21.9 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 6.637 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

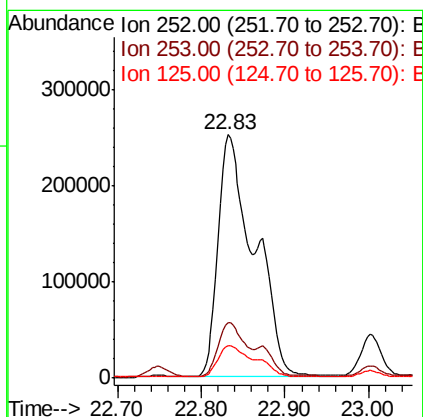
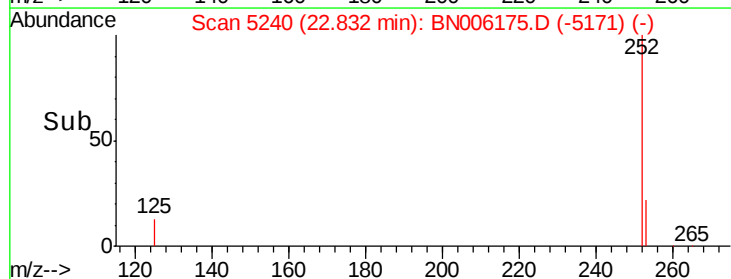
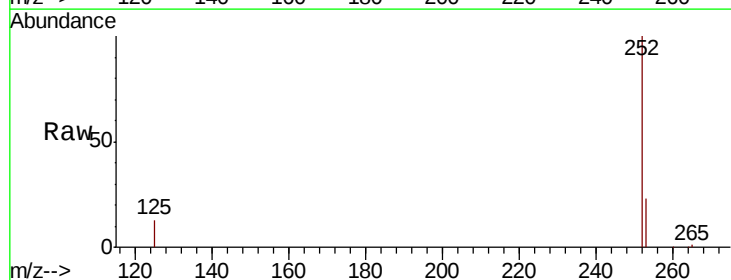
Tgt Ion:252 Resp: 763705

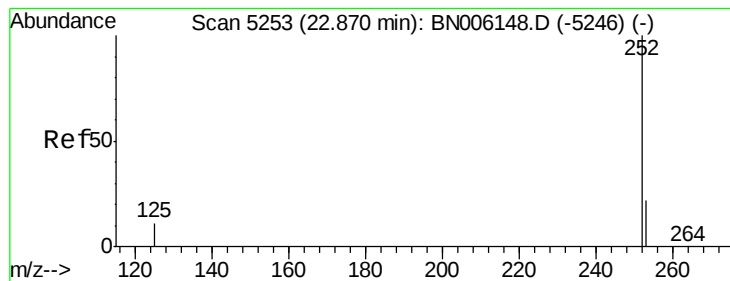
Ion Ratio Lower Upper

252 100

253 22.7 0.0 51.4

125 13.3 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.497 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. 0.13 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

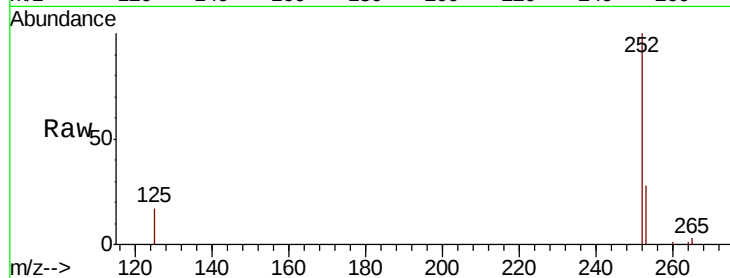
Tgt Ion:252 Resp: 55680

Ion Ratio Lower Upper

252 100

253 28.0 20.3 30.5

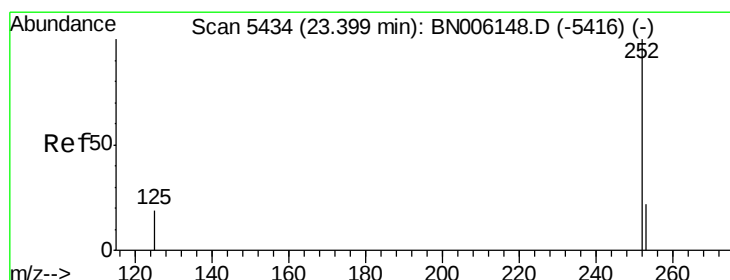
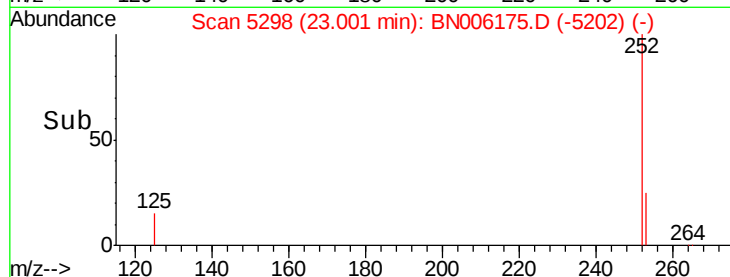
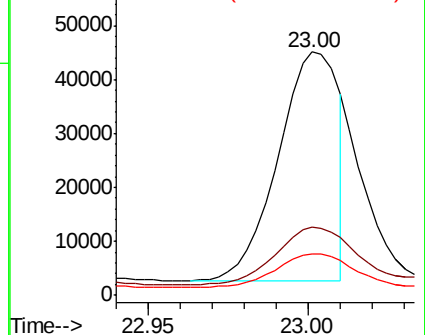
125 17.2 14.3 21.5



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: 3.478 ng/ul

RT: 23.40 min Scan# 5435

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

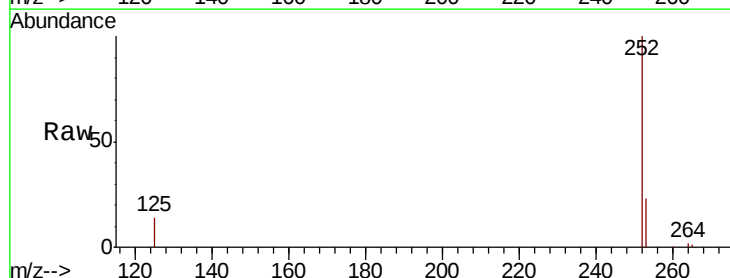
Tgt Ion:252 Resp: 372697

Ion Ratio Lower Upper

252 100

253 22.8 21.1 31.7

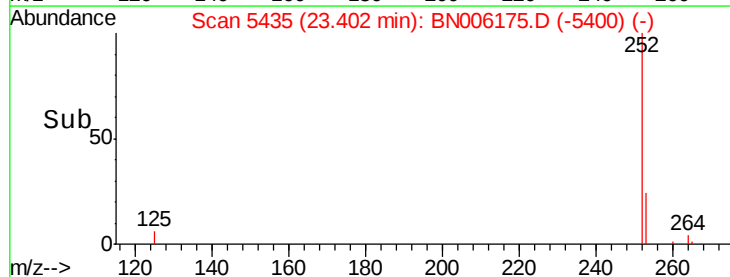
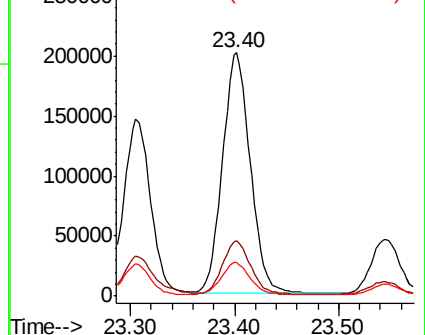
125 13.8 20.3 30.5#

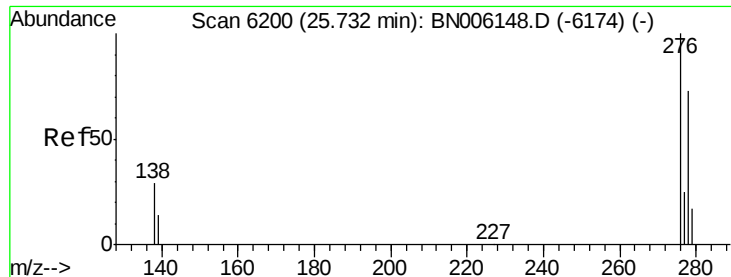


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.349 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. 0.00 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

Instrument :

BNA_N

ClientSampleId :

C0AC4DL

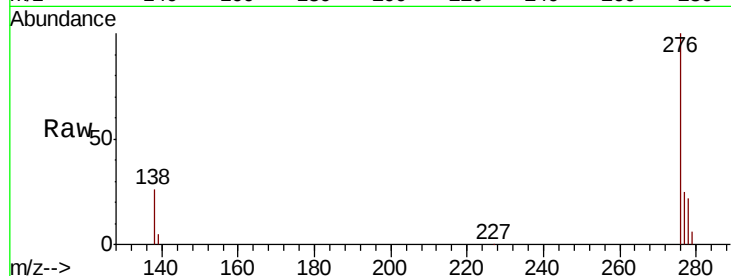
Tgt Ion:276 Resp: 272459

Ion Ratio Lower Upper

276 100

138 24.9 25.6 38.4#

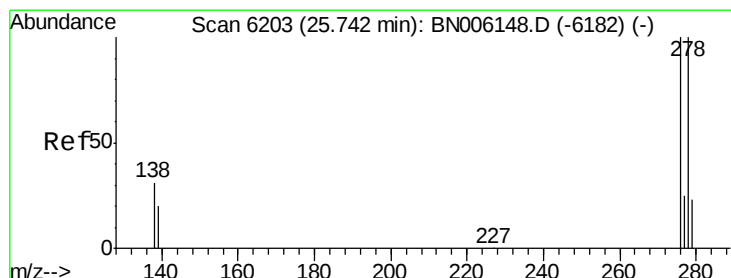
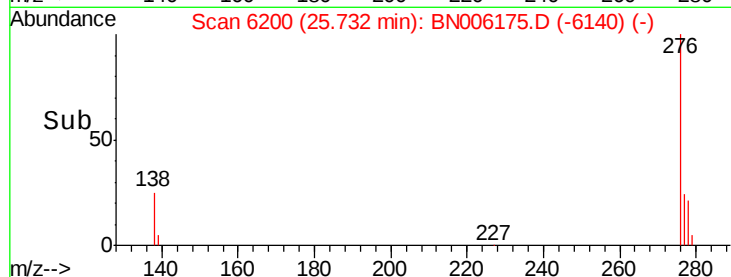
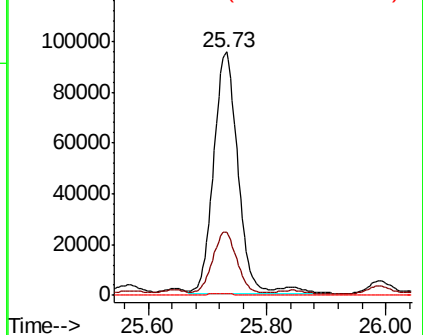
227 0.3 0.3 0.5#



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: 0.745 ng/ul

RT: 25.74 min Scan# 6201

Delta R.T. -0.01 min

Lab File: BN006175.D

Acq: 07 Jun 2019 19:54

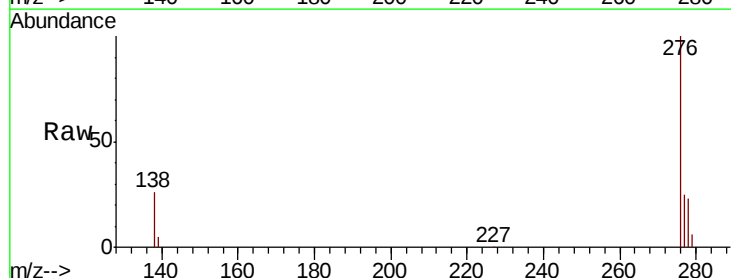
Tgt Ion:278 Resp: 69054

Ion Ratio Lower Upper

278 100

139 22.9 21.2 31.8

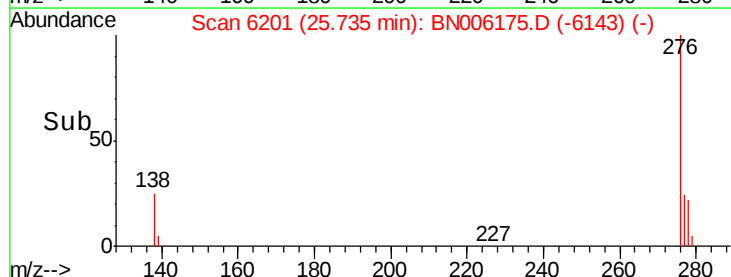
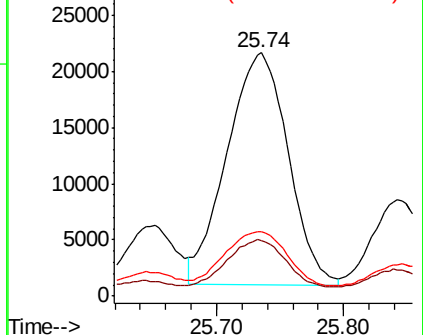
279 26.4 22.6 33.8

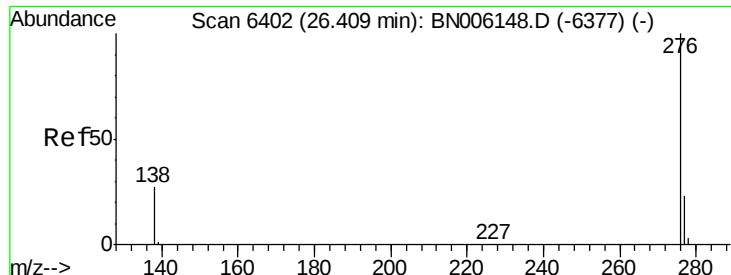


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

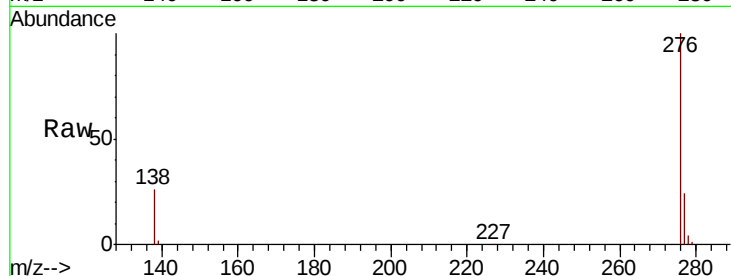




#26
 Benzo(g,h,i)perylene
 Concen: 2.112 ng/ul
 RT: 26.42 min Scan# 6404
 Delta R.T. 0.01 min
 Lab File: BN006175.D
 Acq: 07 Jun 2019 19:54

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	24.2	36.4
277	24.1	21.5	32.3



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

