

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006161.D
 Acq On : 07 Jun 2019 06:57
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.498

Quant Time: Jun 07 07:34:27 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 : 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	5521	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21148	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10567	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22082	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	18253	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	19855	0.40	ng/ul	0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	11962	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	23642	0.40	ng/ul	0.00

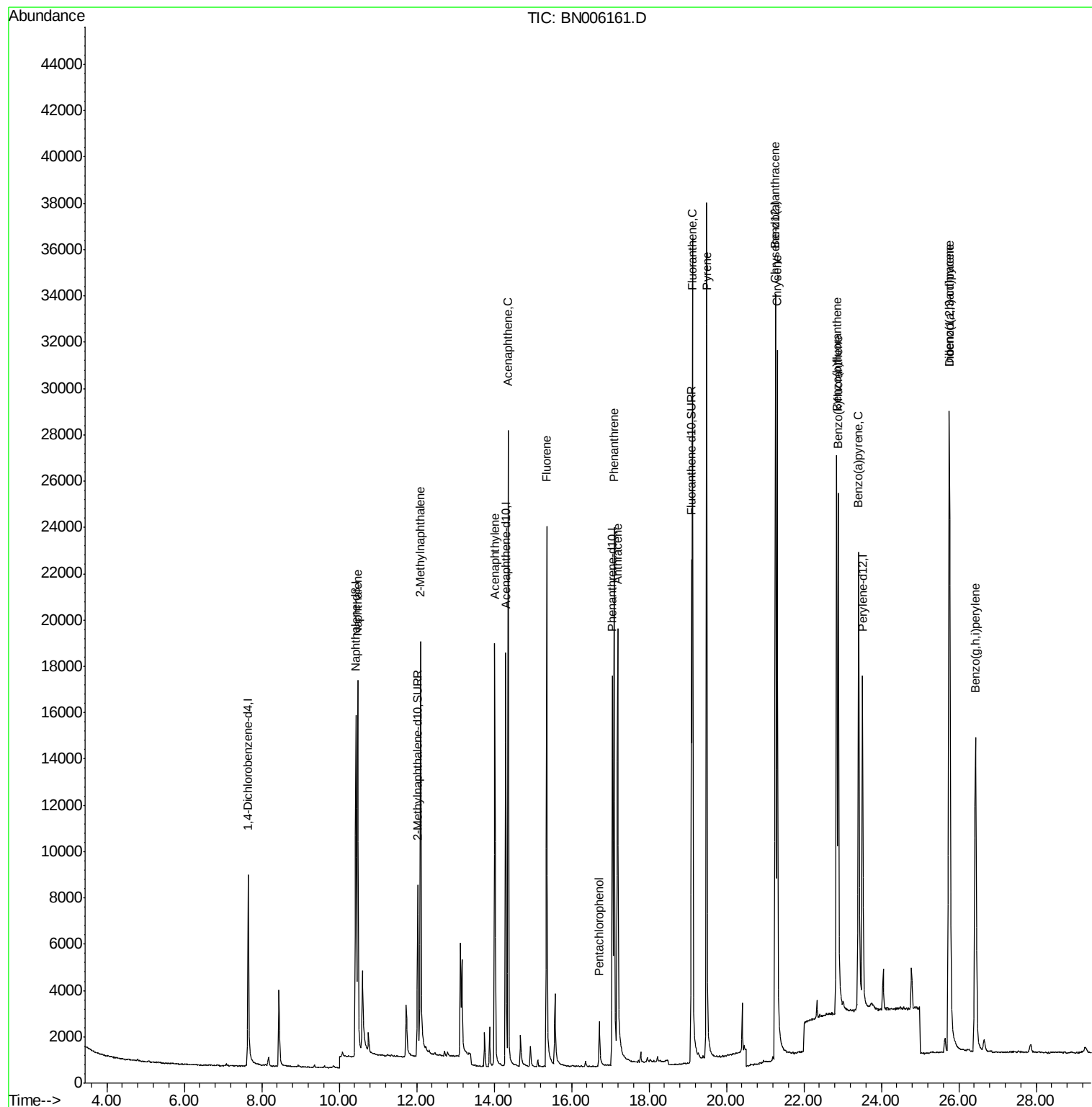
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	22725	0.389	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	14877	0.366	ng/ul	98
7) Acenaphthylene	14.01	152	22839	0.389	ng/ul	99
8) Acenaphthene	14.36	153	16063	0.394	ng/ul	100
9) Fluorene	15.36	166	17156	0.360	ng/ul	97
11) Pentachlorophenol	16.71	266	1984	0.354	ng/ul	97
12) Phenanthrene	17.09	178	26432	0.373	ng/ul	99
13) Anthracene	17.19	178	24436	0.361	ng/ul	99
15) Fluoranthene	19.12	202	31787	0.406	ng/ul	96
17) Pyrene	19.49	202	33168	0.345	ng/ul	99
18) Benzo(a)anthracene	21.26	228	27933	0.346	ng/ul	99
19) Chrysene	21.31	228	32094	0.423	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	28777	0.348	ng/ul	98
22) Benzo(k)fluoranthene	22.89	252	31632	0.392	ng/ul	96
23) Benzo(a)pyrene	23.42	252	29972	0.389	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.75	276	34236	0.410	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.76	278	27284	0.409	ng/ul	94
26) Benzo(g,h,i)perylene	26.43	276	29194	0.418	ng/ul	97

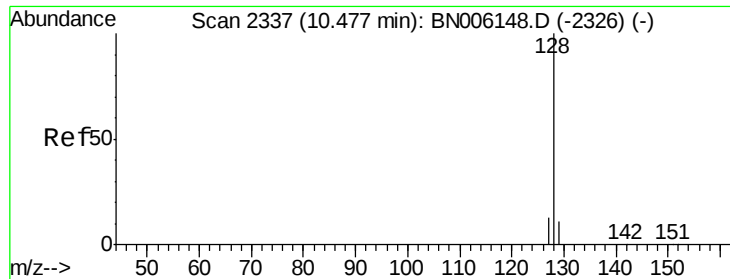
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

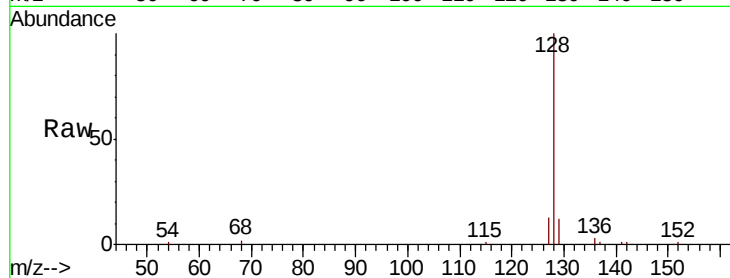
Tgt Ion:128 Resp: 22725

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

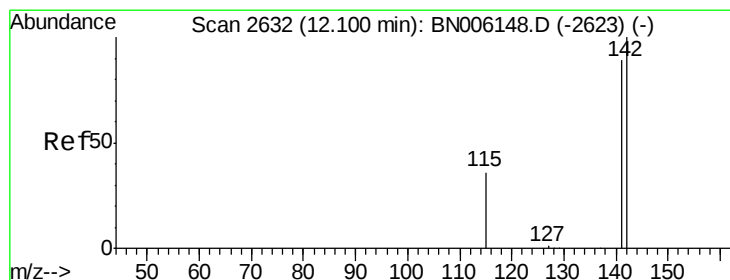
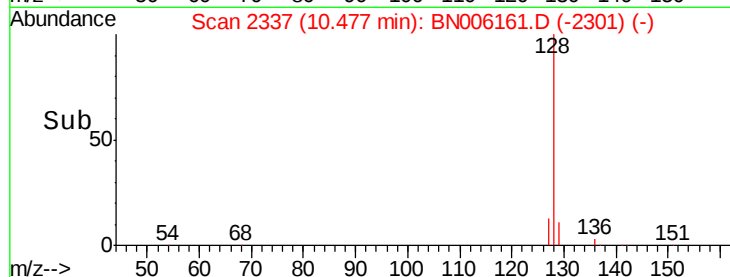
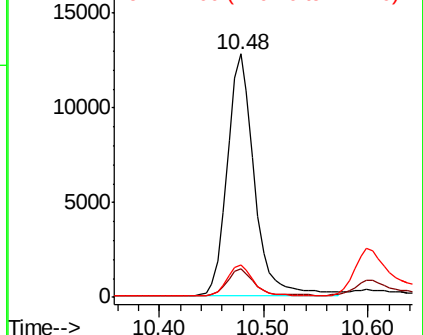
127 13.3 10.7 16.1



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: 0.366 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006161.D

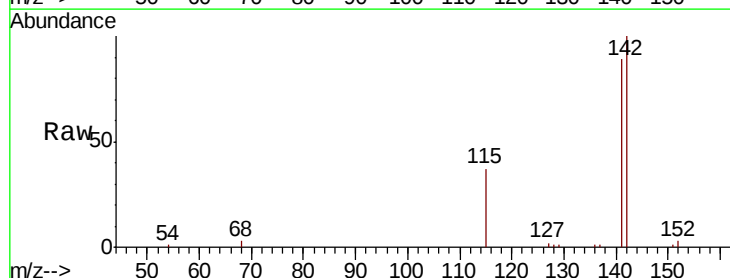
Acq: 07 Jun 2019 06:57

Tgt Ion:142 Resp: 14877

Ion Ratio Lower Upper

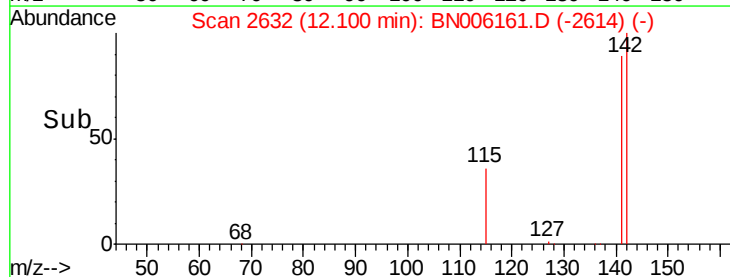
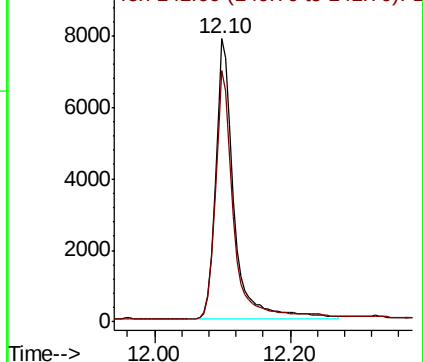
142 100

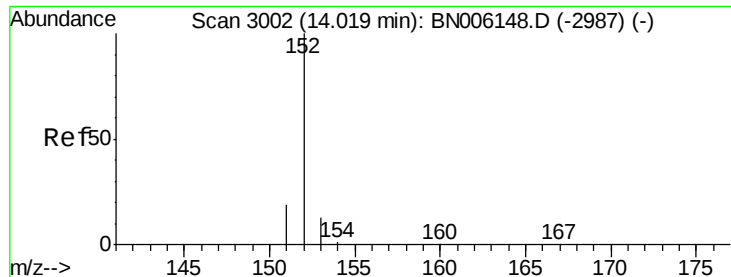
141 90.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

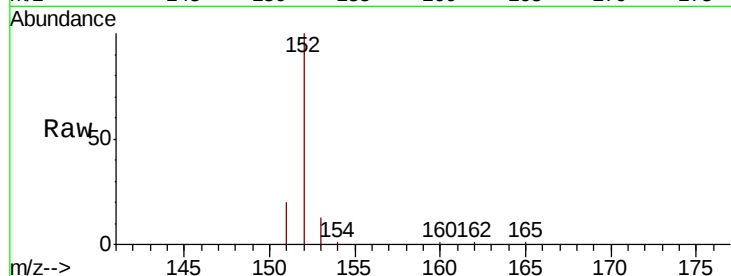
Tgt Ion:152 Resp: 22839

Ion Ratio Lower Upper

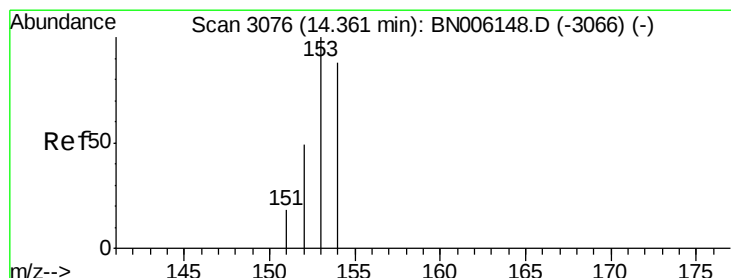
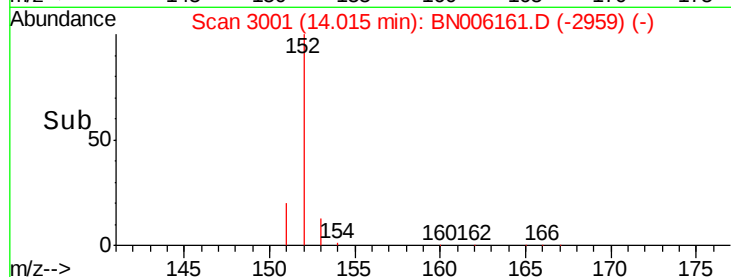
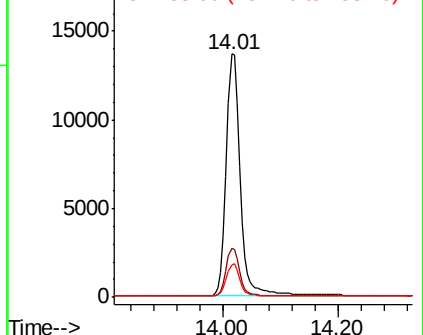
152 100

151 20.2 15.8 23.8

153 13.5 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: 0.394 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

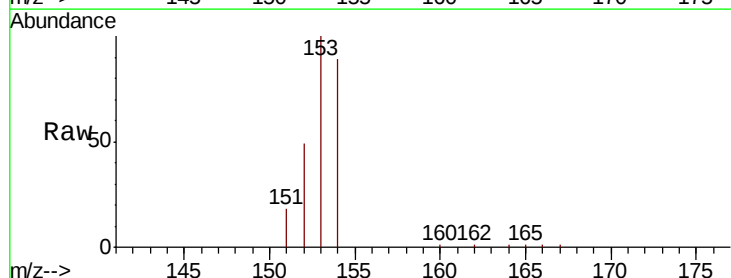
Tgt Ion:153 Resp: 16063

Ion Ratio Lower Upper

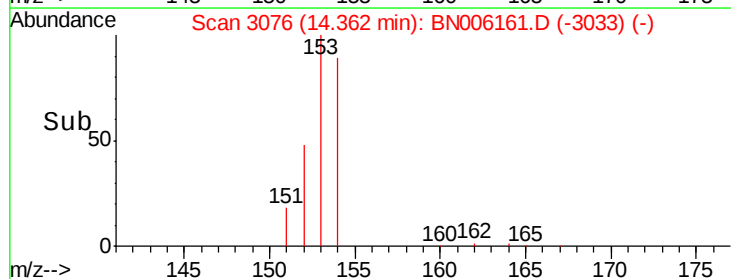
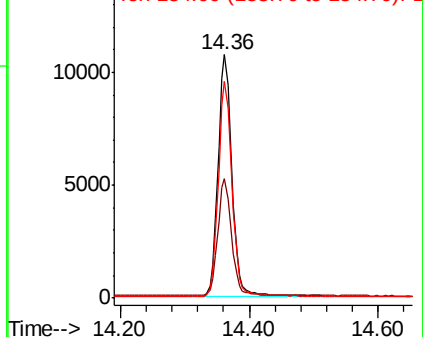
153 100

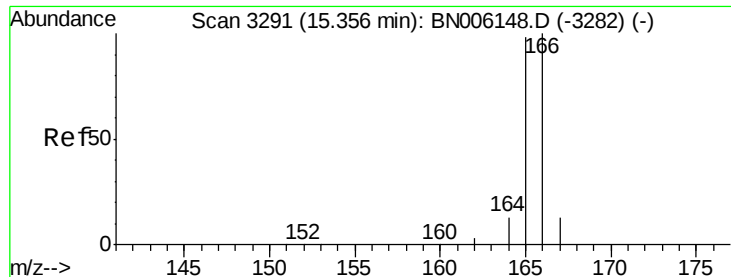
152 49.1 39.1 58.7

154 88.8 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: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

Instrument :

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SSTD0.498

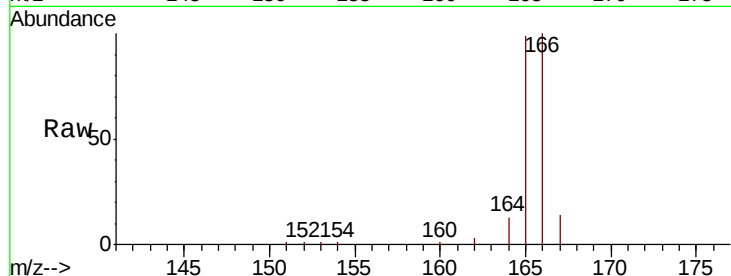
Tgt Ion:166 Resp: 17156

Ion Ratio Lower Upper

166 100

165 98.5 76.4 114.6

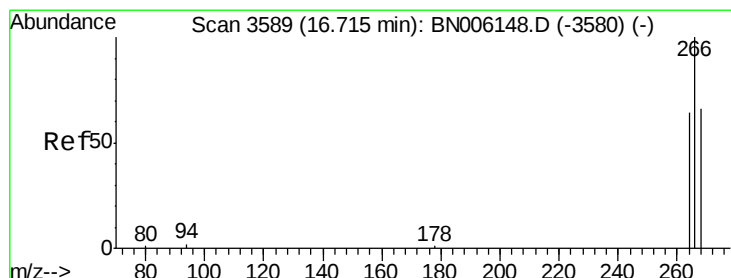
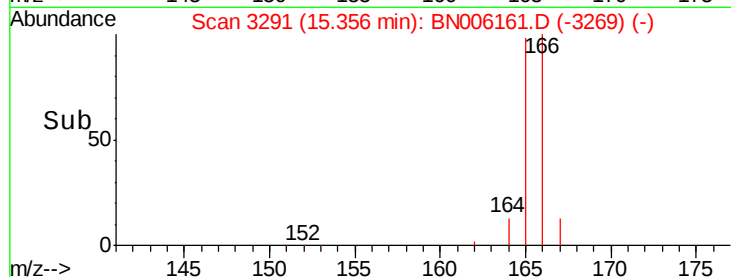
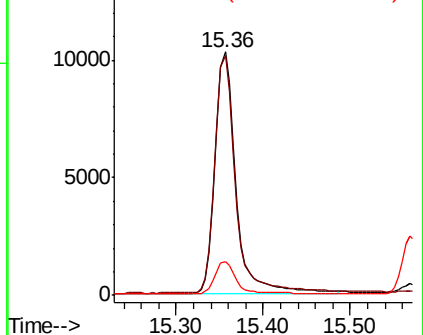
167 13.7 11.0 16.6



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: 0.354 ng/ul

RT: 16.71 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

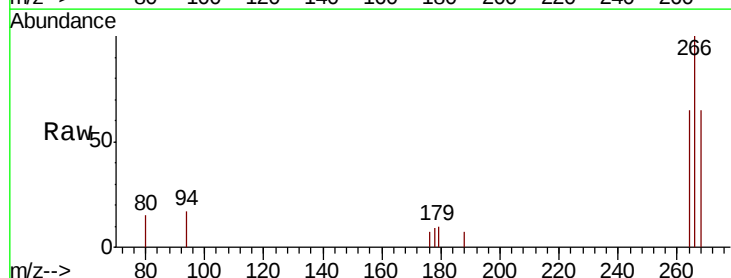
Tgt Ion:266 Resp: 1984

Ion Ratio Lower Upper

266 100

264 65.0 50.3 75.5

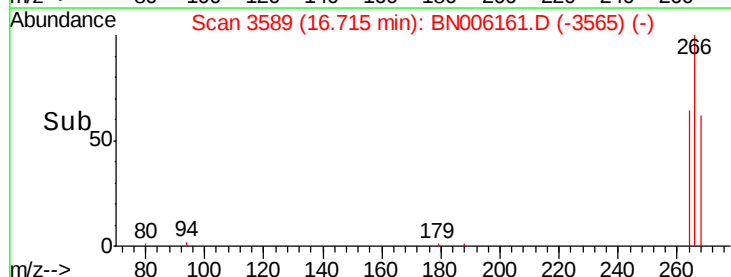
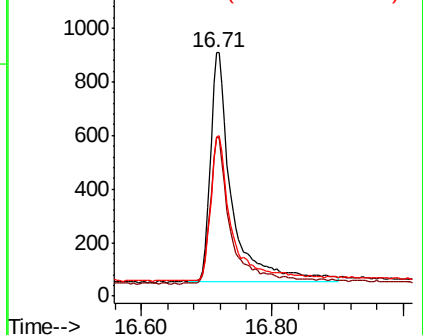
268 67.3 51.3 76.9

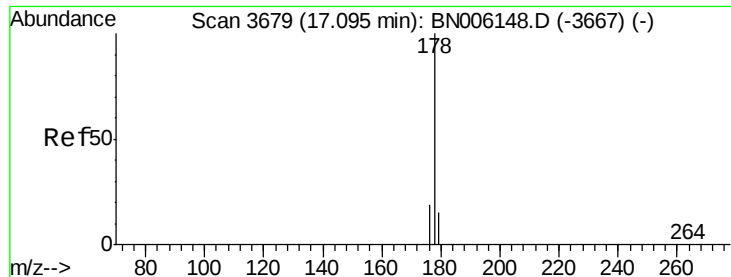


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.373 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

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ClientSampleId :

SSTD0.498

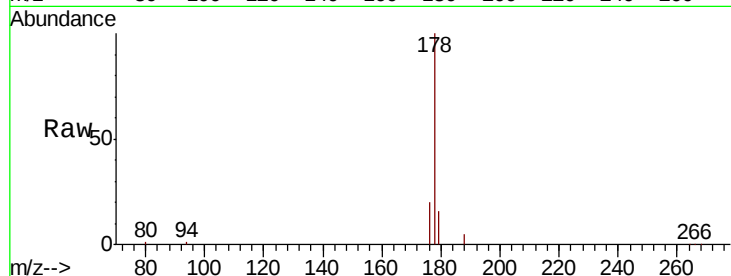
Tgt Ion:178 Resp: 26432

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

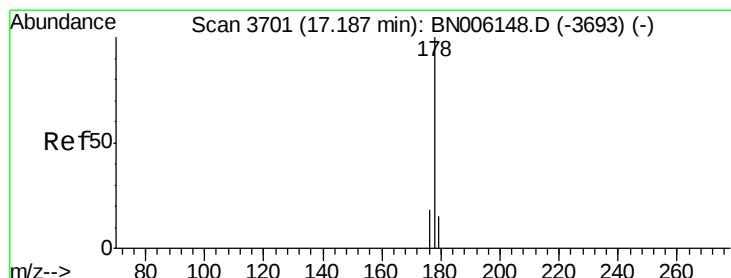
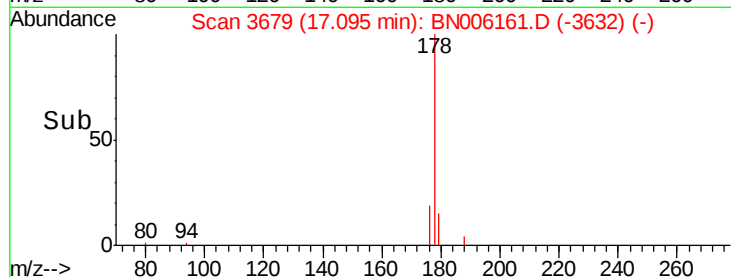
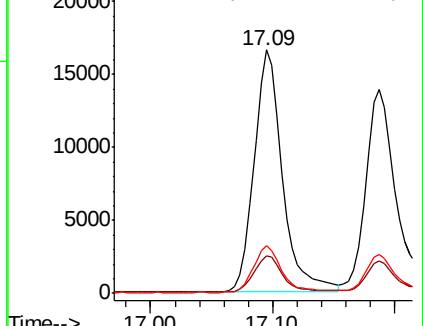
176 19.7 15.3 22.9



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: 0.361 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

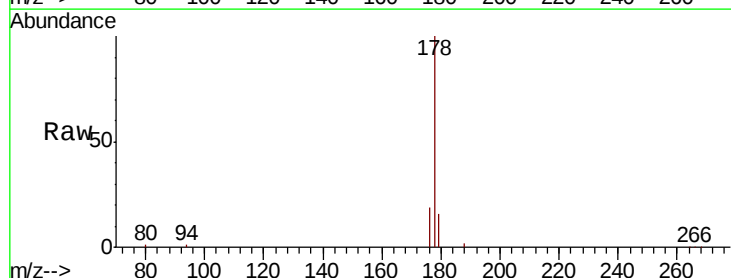
Tgt Ion:178 Resp: 24436

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

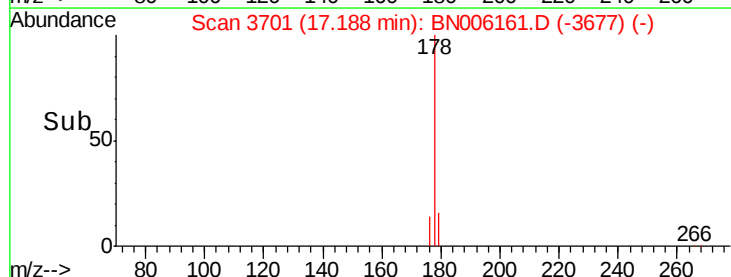
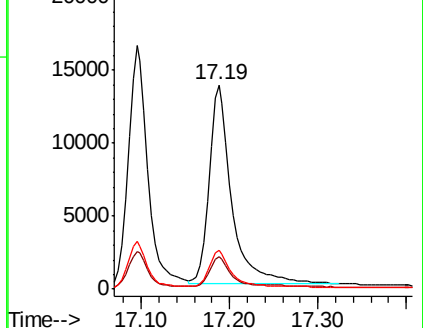
176 19.0 15.1 22.7

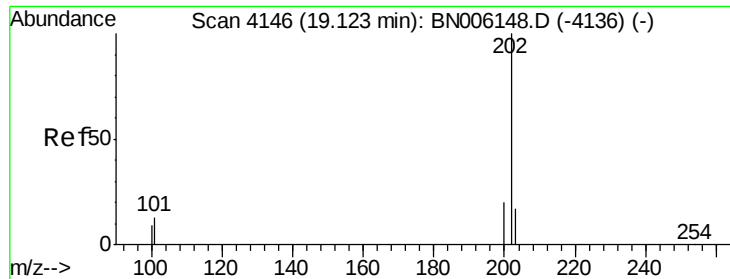


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.406 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

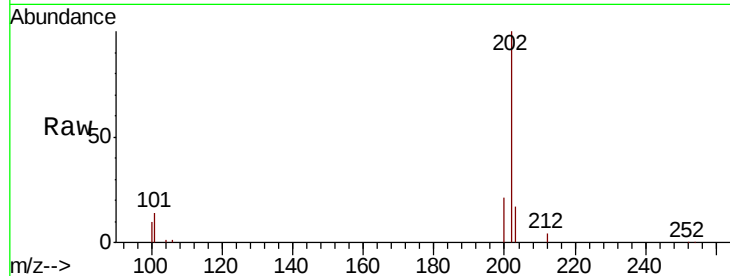
Tgt Ion:202 Resp: 31787

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.1

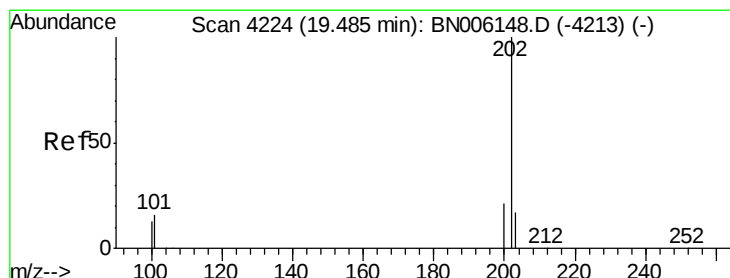
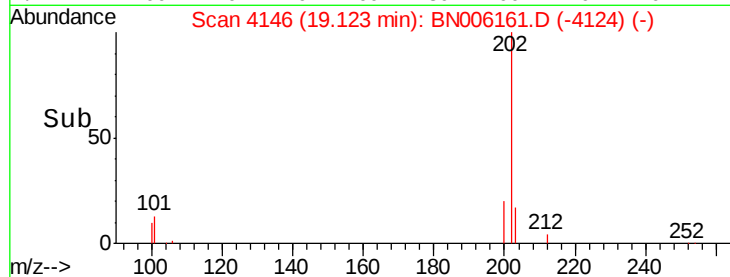
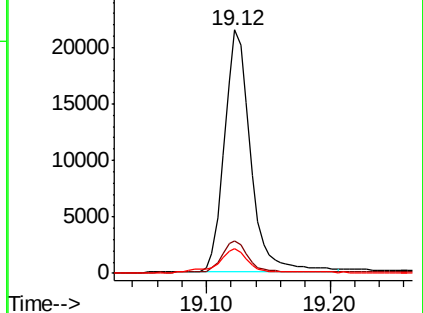
100 10.4 0.0 28.7



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: 0.345 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

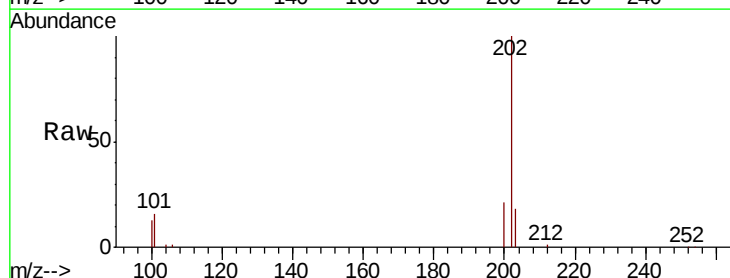
Tgt Ion:202 Resp: 33168

Ion Ratio Lower Upper

202 100

101 15.9 12.2 18.2

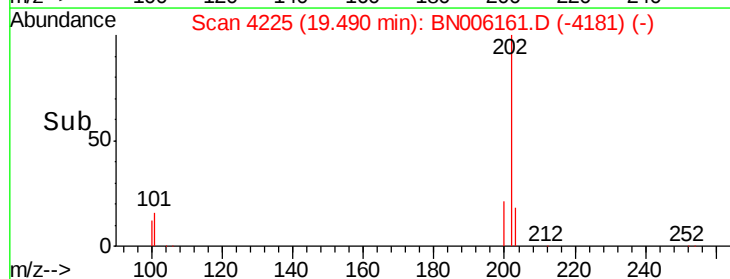
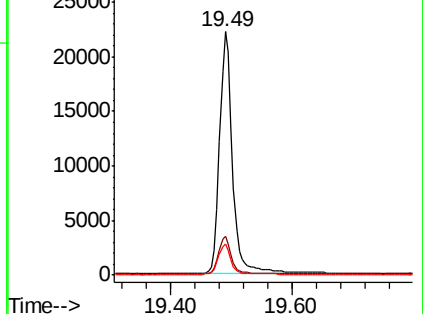
100 12.6 9.8 14.6

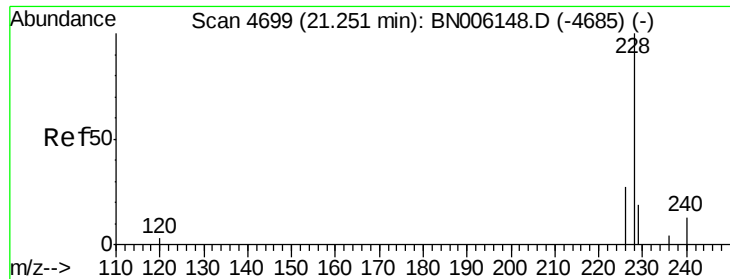


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.346 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. 0.01 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

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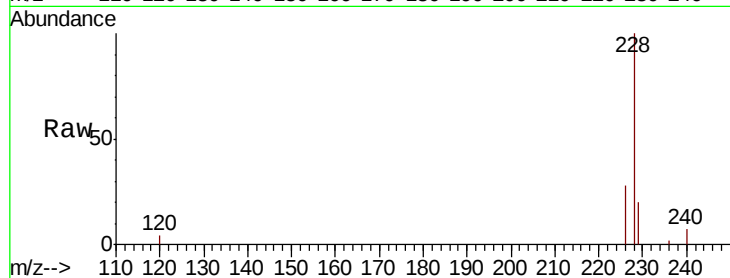
Tgt Ion:228 Resp: 27933

Ion Ratio Lower Upper

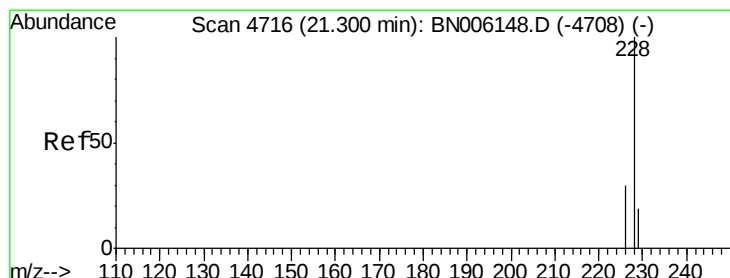
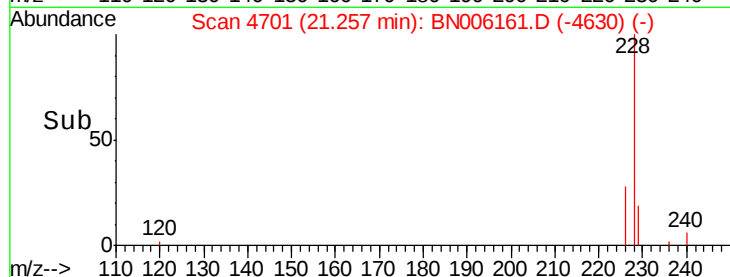
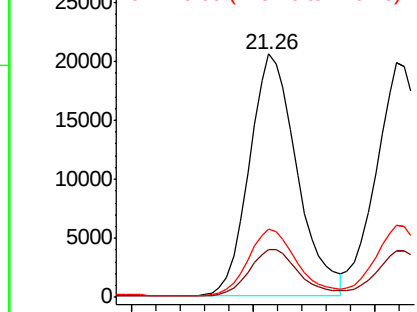
228 100

229 19.8 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: 0.423 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. 0.01 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

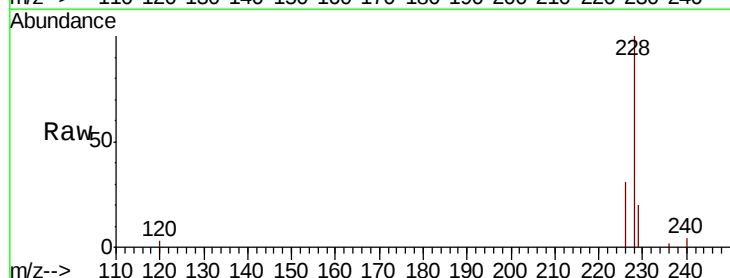
Tgt Ion:228 Resp: 32094

Ion Ratio Lower Upper

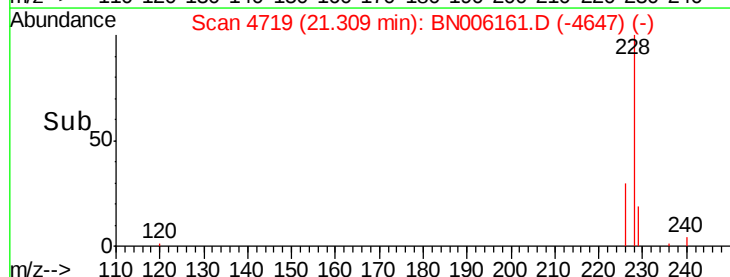
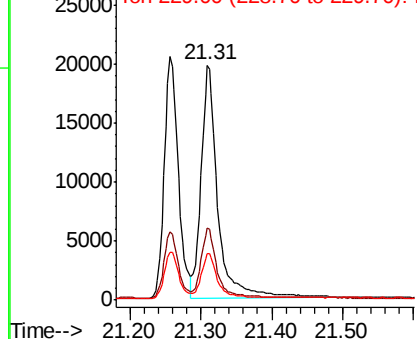
228 100

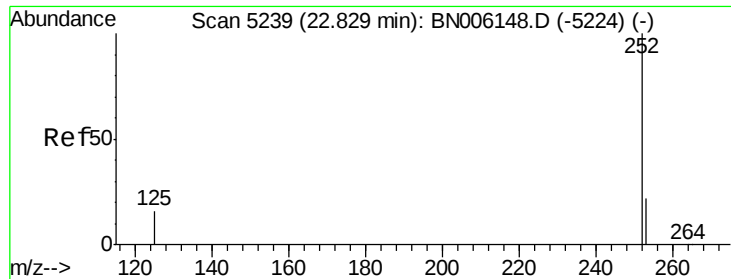
226 30.7 25.0 37.6

229 19.8 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: 0.348 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. 0.01 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

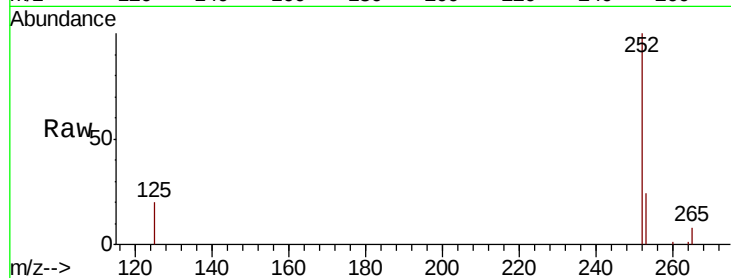
Instrument :

BNA_N

ClientSampleId :

SSTD0.498

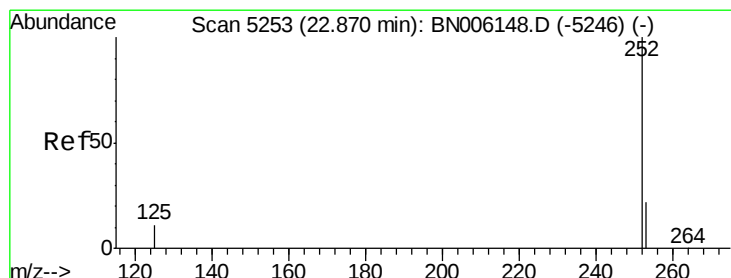
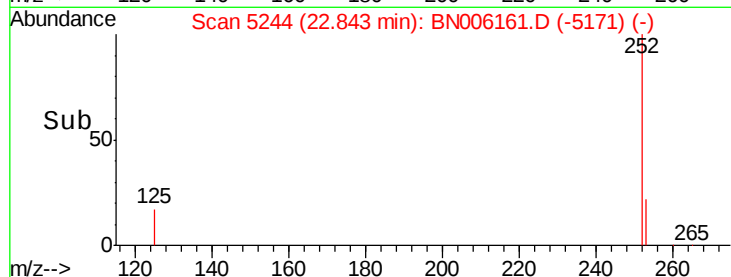
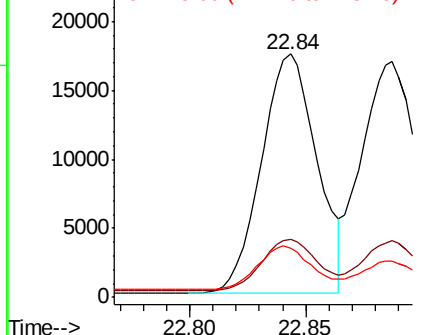
Tgt Ion:	252	Resp:	28777
Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	51.4
125	20.0	0.0	41.0



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

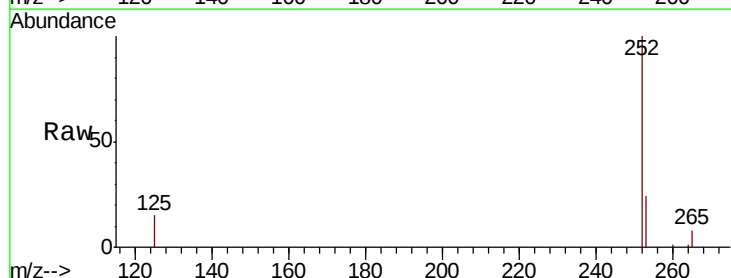
RT: 22.89 min Scan# 5259

Delta R.T. 0.02 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

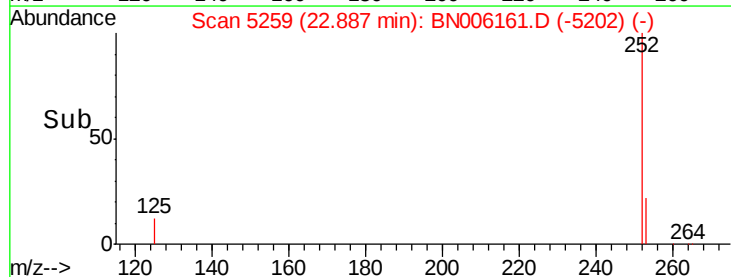
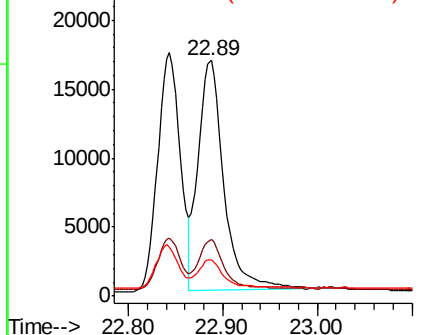
Tgt Ion:	252	Resp:	31632
Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.3	30.5
125	15.1	14.3	21.5

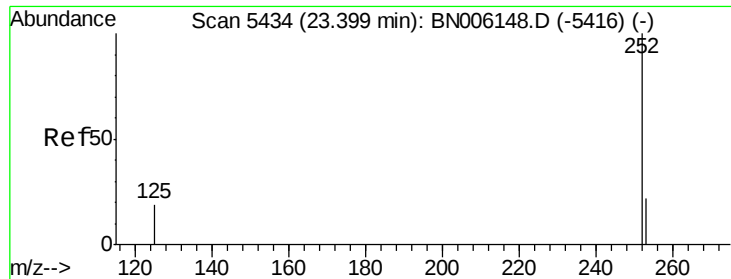


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.389 ng/u1

RT: 23.42 min Scan# 5440

Delta R.T. 0.02 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.498

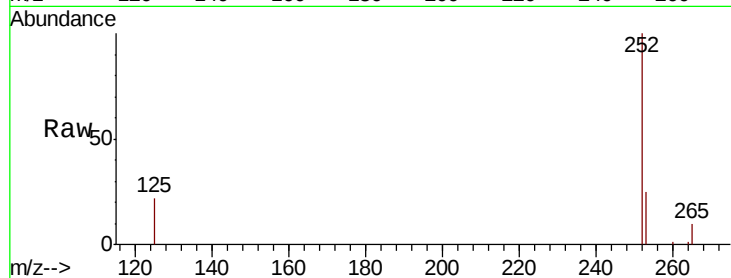
Tgt Ion:252 Resp: 29972

Ion Ratio Lower Upper

252 100

253 24.8 21.1 31.7

125 21.5 20.3 30.5

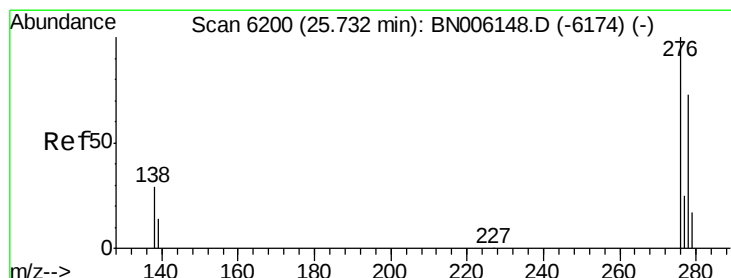
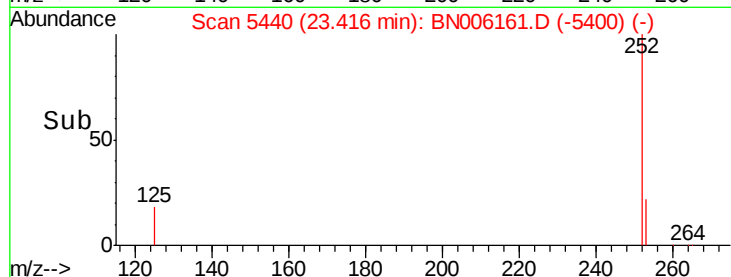
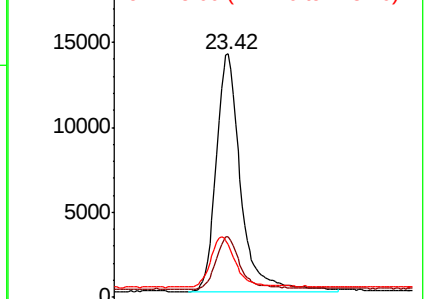


Abundance

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: 0.410 ng/u1

RT: 25.75 min Scan# 6206

Delta R.T. 0.02 min

Lab File: BN006161.D

Acq: 07 Jun 2019 06:57

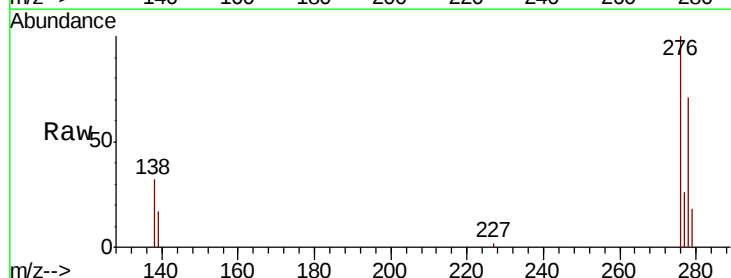
Tgt Ion:276 Resp: 34236

Ion Ratio Lower Upper

276 100

138 30.1 25.6 38.4

227 0.0 0.3 0.5#

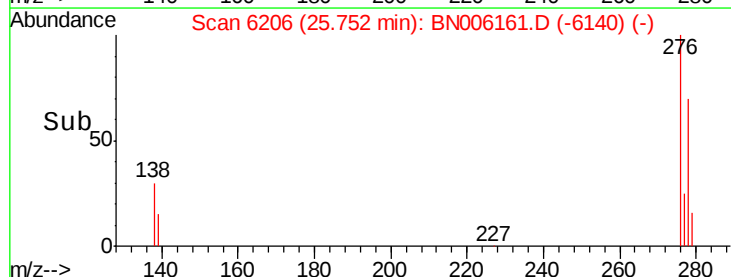
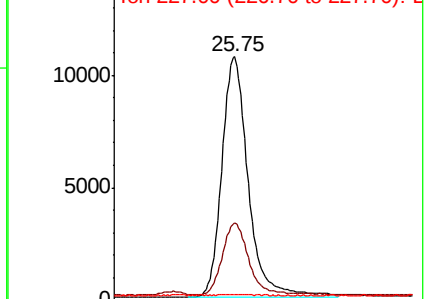


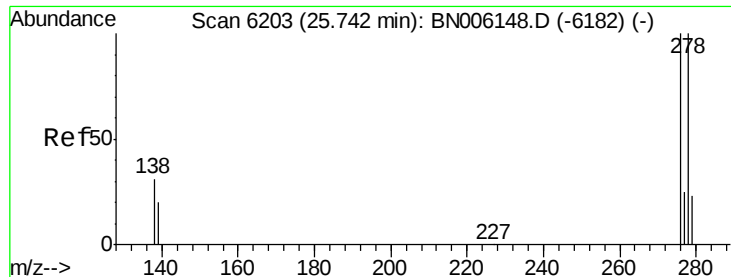
Abundance

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



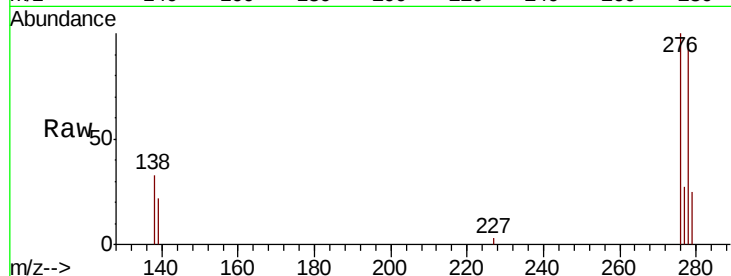


#25
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.76 min Scan# 6209
Delta R.T. 0.02 min
Lab File: BN006161.D
Acq: 07 Jun 2019 06:57

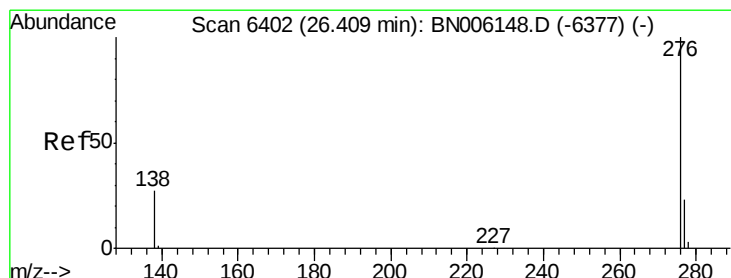
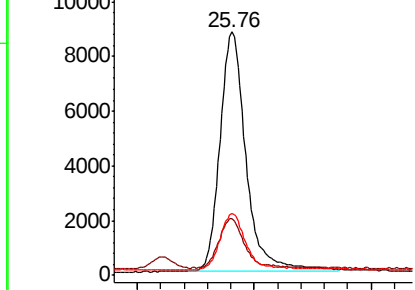
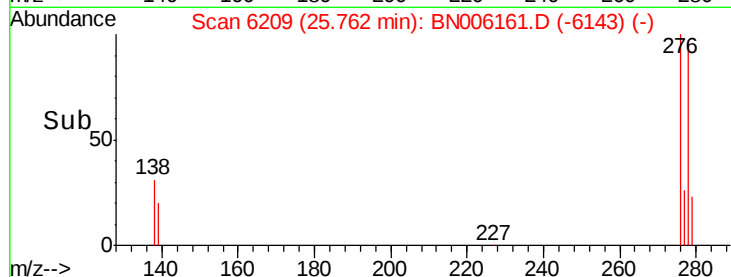
Instrument :
BNA_N
ClientSampleId :
SSTD0.498

Tgt Ion: 278 Resp: 27284

Ion	Ratio	Lower	Upper
278	100		
139	23.0	21.2	31.8
279	25.4	22.6	33.8



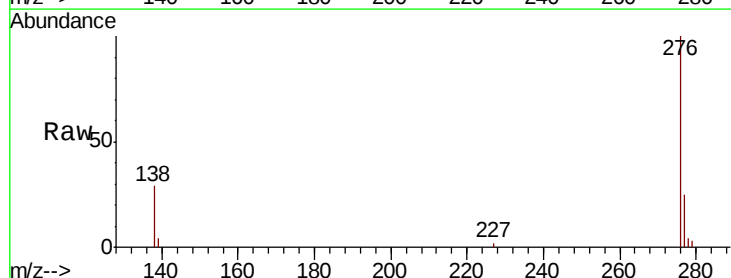
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 26.43 min Scan# 6408
Delta R.T. 0.02 min
Lab File: BN006161.D
Acq: 07 Jun 2019 06:57

Tgt Ion: 276 Resp: 29194

Ion	Ratio	Lower	Upper
276	100		
138	28.6	24.2	36.4
277	25.2	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

