

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006523.D
 Acq On : 24 Jun 2019 09:56
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.430

Quant Time: Jun 25 00:42:52 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

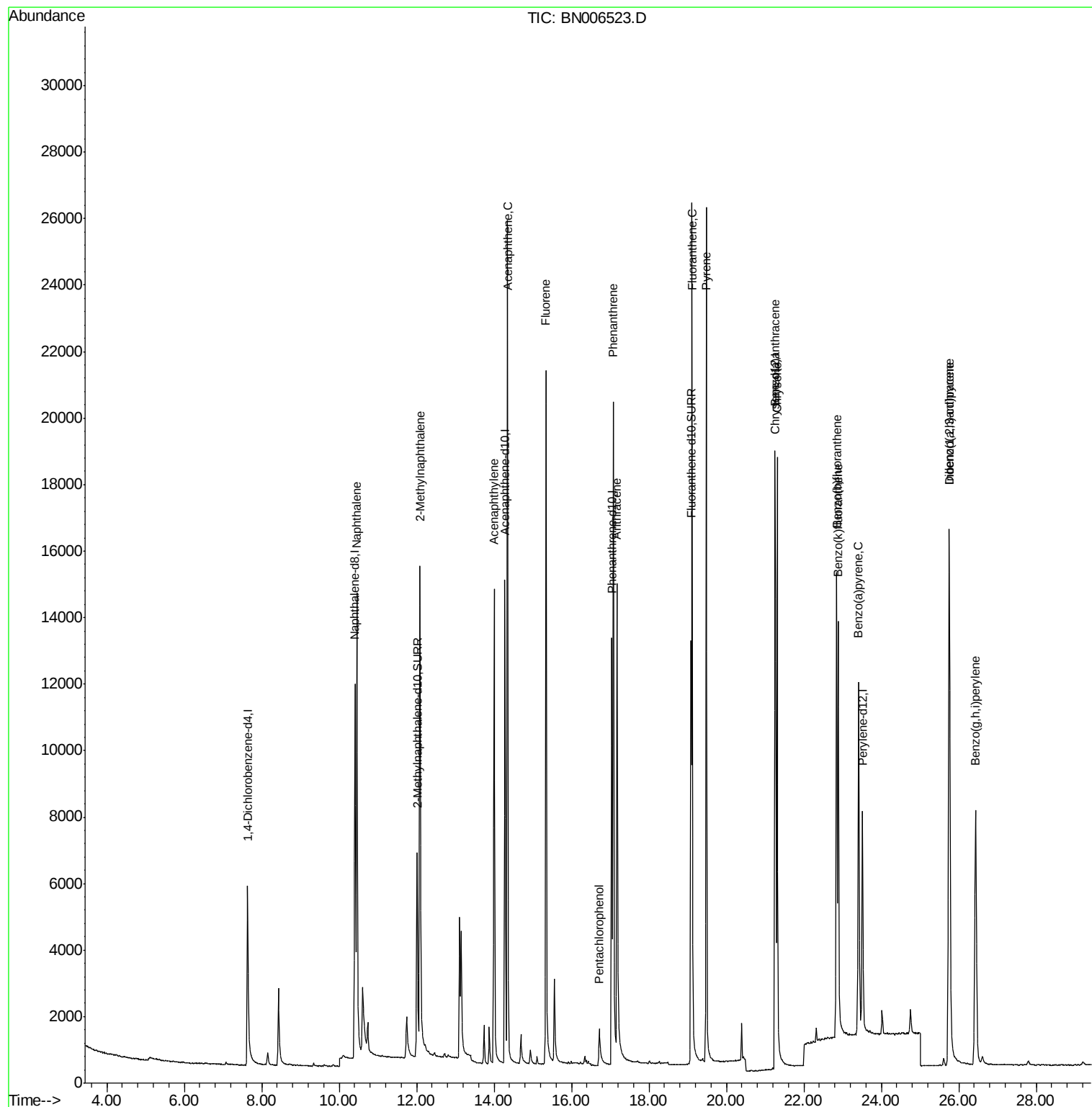
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	16613	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8502	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	16473	0.40	ng/ul	-0.01
16) Chrysene-d12	21.27	240	8917	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	9125	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10772	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	16991	0.38	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.46	128	20630	0.450	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	13594	0.426	ng/ul	99
7) Acenaphthylene	14.00	152	18702	0.396	ng/ul	100
8) Acenaphthene	14.34	153	14729	0.449	ng/ul	99
9) Fluorene	15.34	166	15503	0.404	ng/ul	97
11) Pentachlorophenol	16.71	266	1706	0.408	ng/ul	98
12) Phenanthrene	17.08	178	23267	0.440	ng/ul	99
13) Anthracene	17.17	178	19495	0.386	ng/ul	99
15) Fluoranthene	19.11	202	22973	0.393	ng/ul	99
17) Pyrene	19.48	202	22967	0.489	ng/ul	98
18) Benzo(a)anthracene	21.25	228	15750	0.399	ng/ul	99
19) Chrysene	21.31	228	18418	0.497	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	16573	0.436	ng/ul	91
22) Benzo(k)fluoranthene	22.88	252	17411	0.470	ng/ul#	94
23) Benzo(a)pyrene	23.41	252	16347	0.461	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.75	276	18658	0.486	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.76	278	14516	0.473	ng/ul	94
26) Benzo(g,h,i)perylene	26.43	276	16324	0.508	ng/ul	94

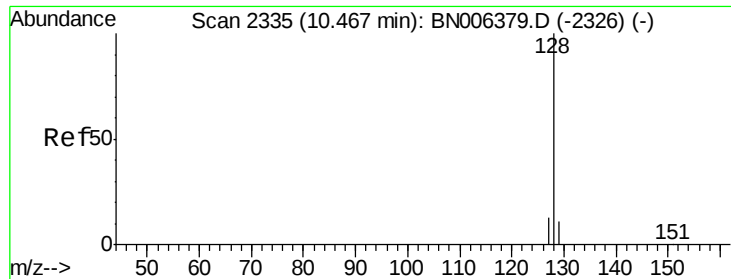
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.450 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

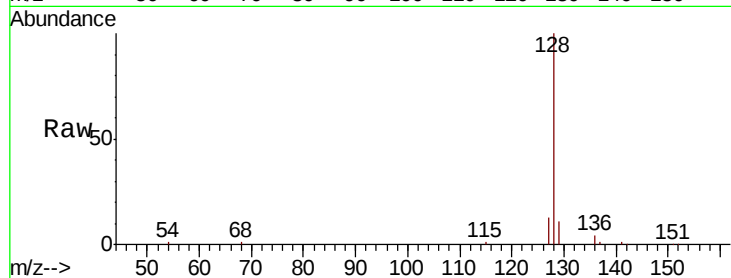
Tgt Ion:128 Resp: 20630

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

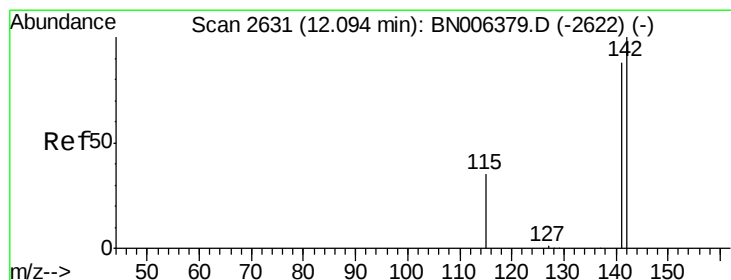
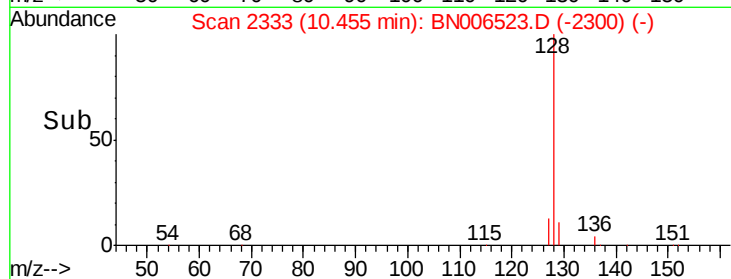
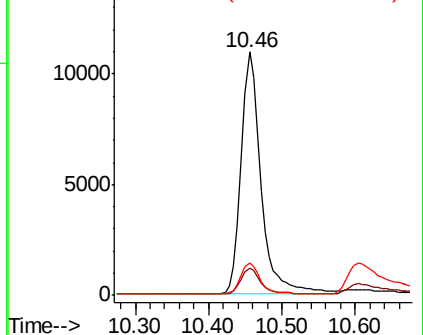
127 13.3 10.7 16.1



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: 0.426 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN006523.D

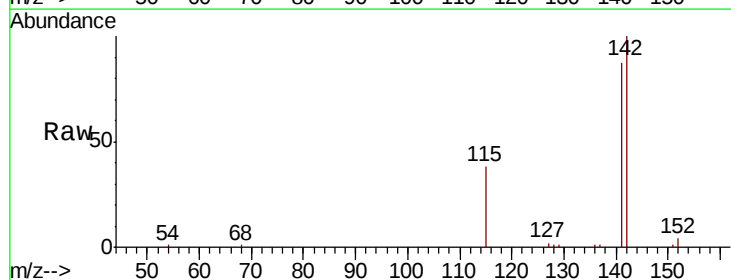
Acq: 24 Jun 2019 09:56

Tgt Ion:142 Resp: 13594

Ion Ratio Lower Upper

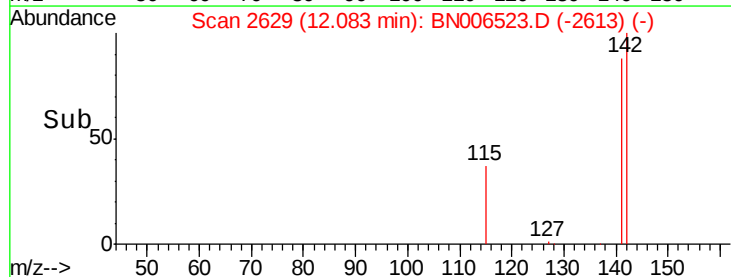
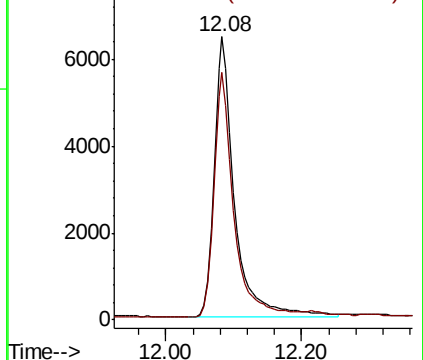
142 100

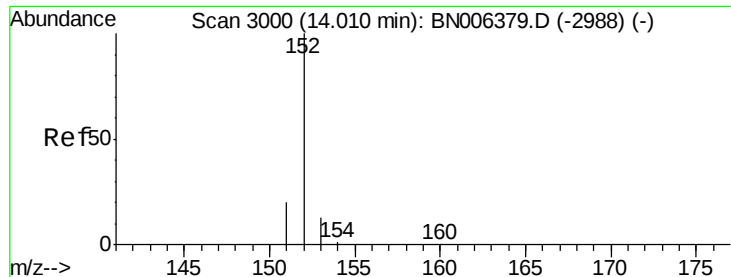
141 89.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.396 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

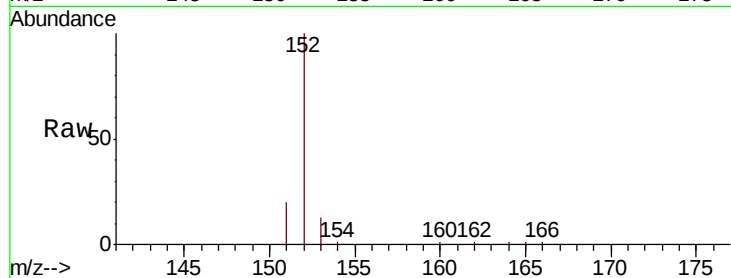
Tgt Ion:152 Resp: 18702

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.1 10.8 16.2

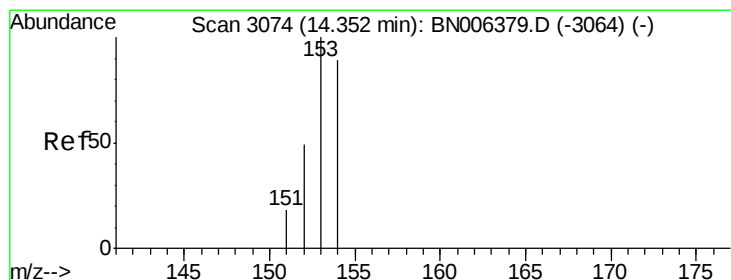
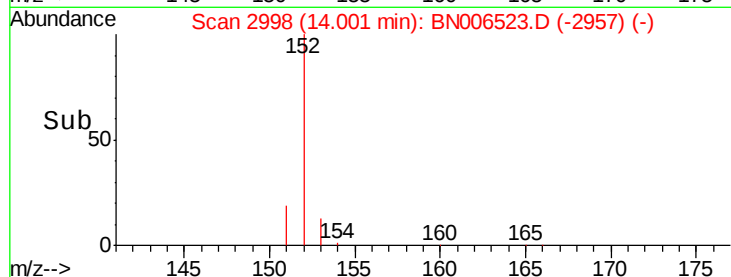
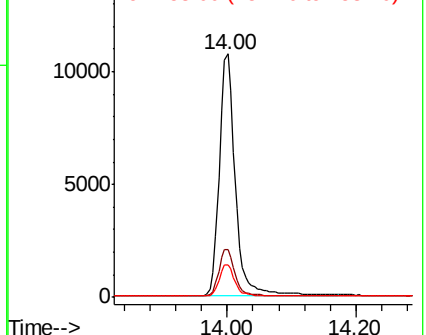


Abundance

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: 0.449 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

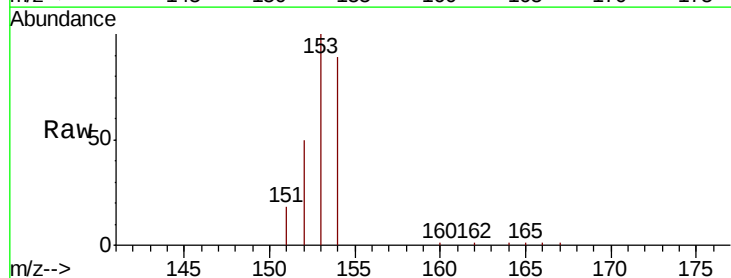
Tgt Ion:153 Resp: 14729

Ion Ratio Lower Upper

153 100

152 49.7 39.1 58.7

154 89.1 71.1 106.7

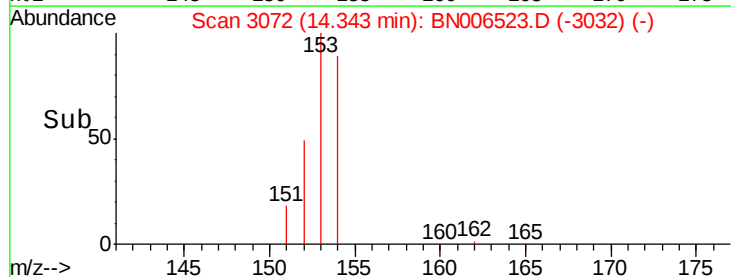
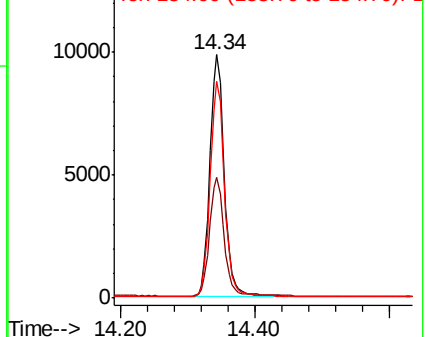


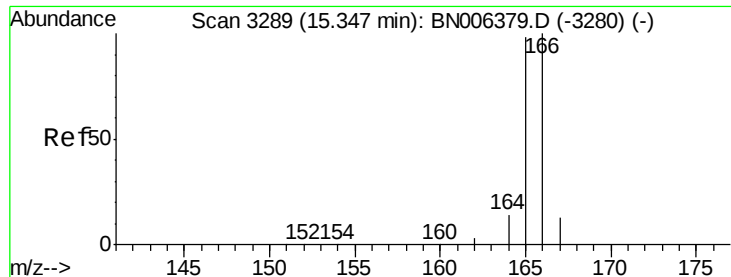
Abundance

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: 0.404 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

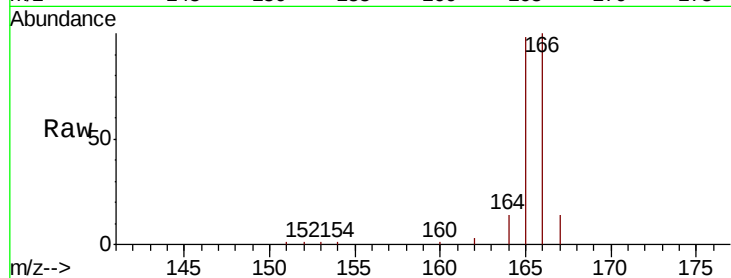
Tgt Ion:166 Resp: 15503

Ion Ratio Lower Upper

166 100

165 98.3 76.4 114.6

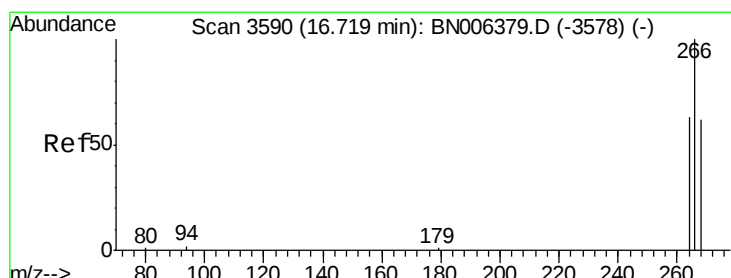
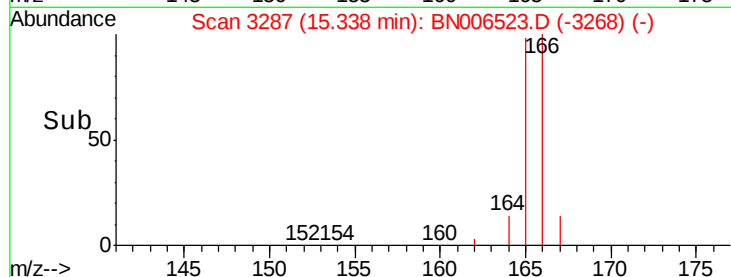
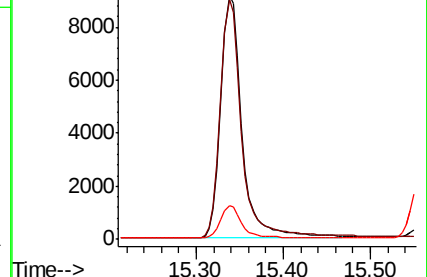
167 14.0 11.0 16.6



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: 0.408 ng/ul

RT: 16.71 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

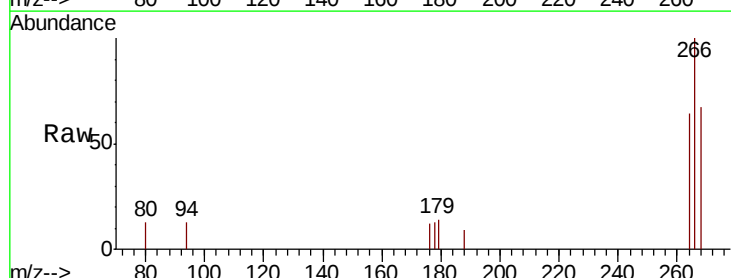
Tgt Ion:266 Resp: 1706

Ion Ratio Lower Upper

266 100

264 63.0 50.3 75.5

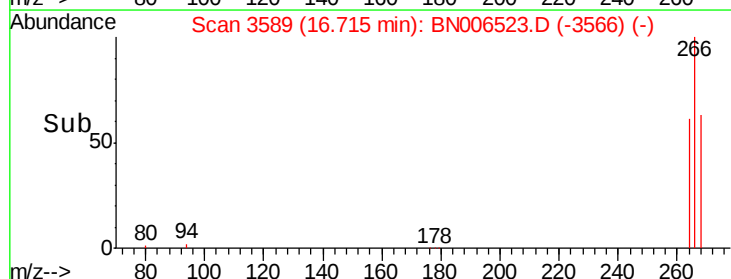
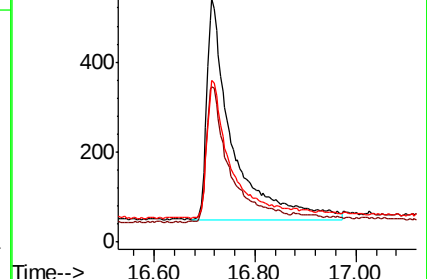
268 61.7 51.3 76.9

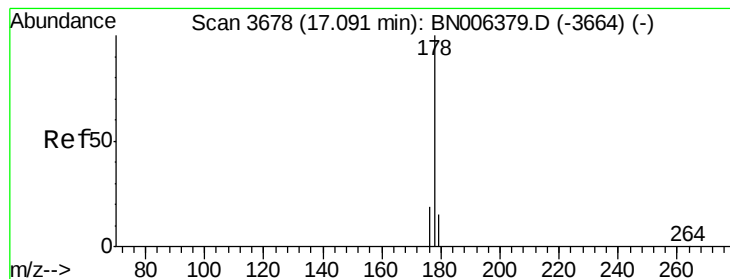


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.440 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

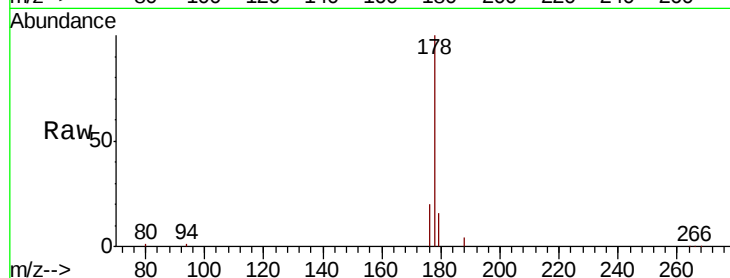
Tgt Ion:178 Resp: 23267

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 20.0 15.3 22.9

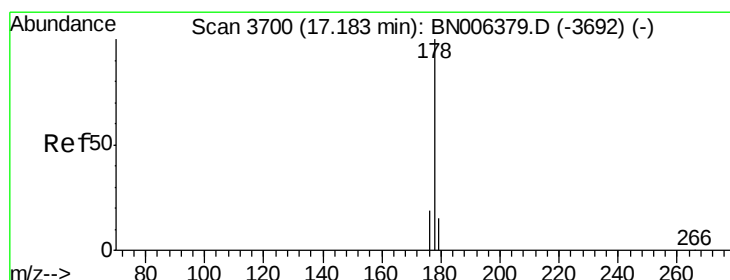
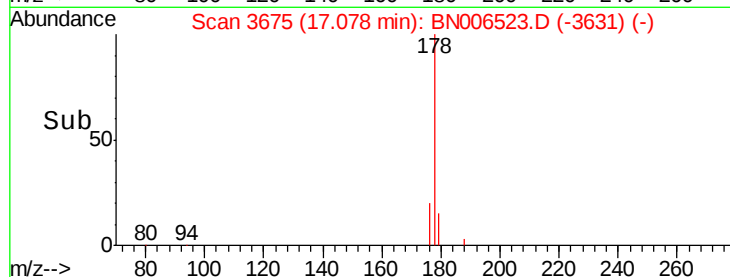
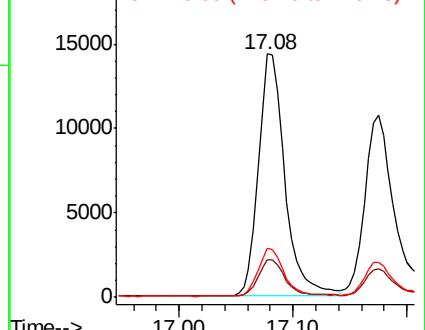


Abundance

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: 0.386 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

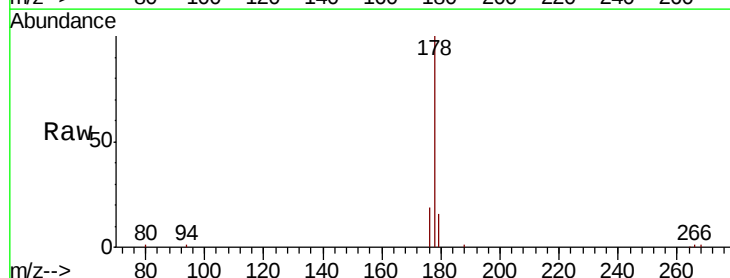
Tgt Ion:178 Resp: 19495

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.0 15.1 22.7

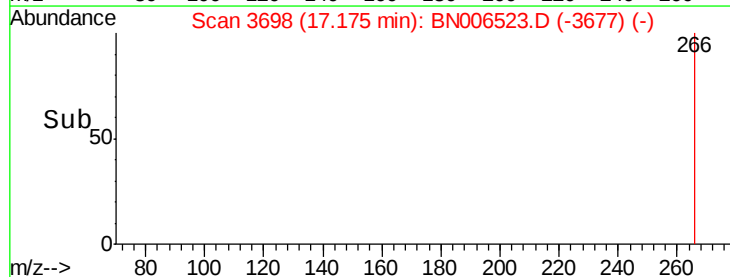
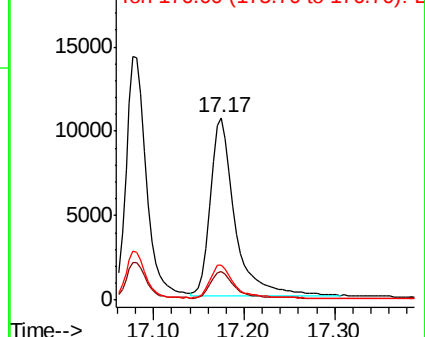


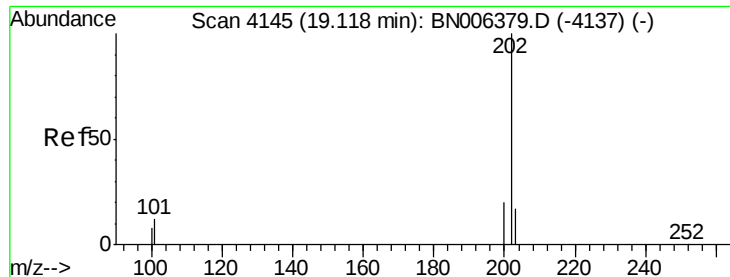
Abundance

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: 0.393 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

Instrument :

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ClientSampleId :

SSTD0.430

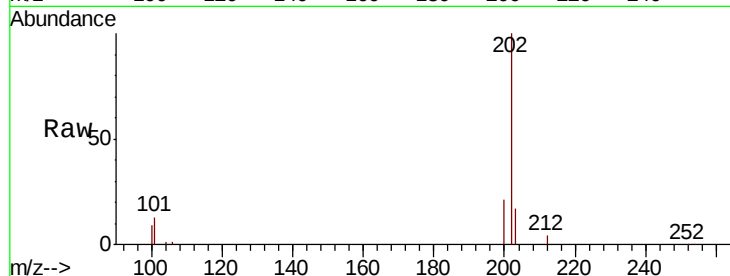
Tgt Ion:202 Resp: 22973

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.1

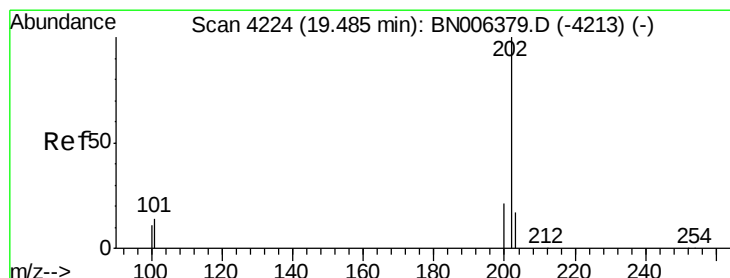
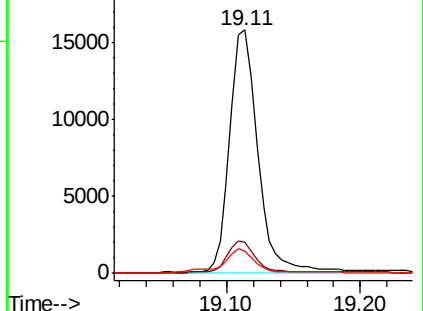
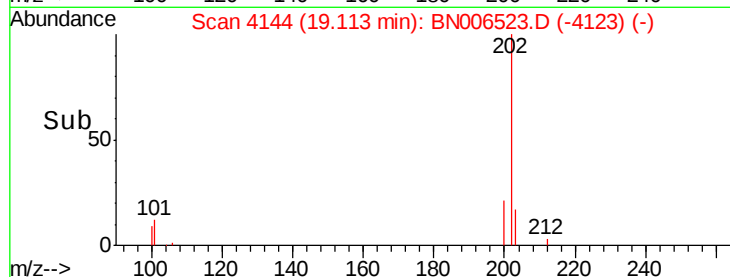
100 8.9 0.0 28.7



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: 0.489 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

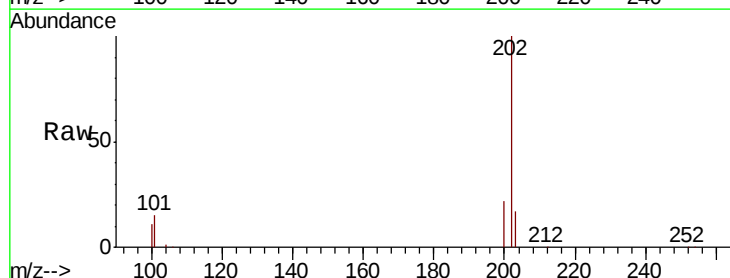
Tgt Ion:202 Resp: 22967

Ion Ratio Lower Upper

202 100

101 14.8 12.2 18.2

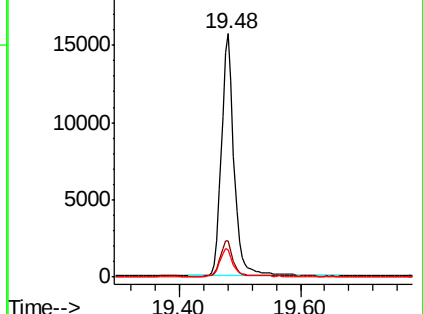
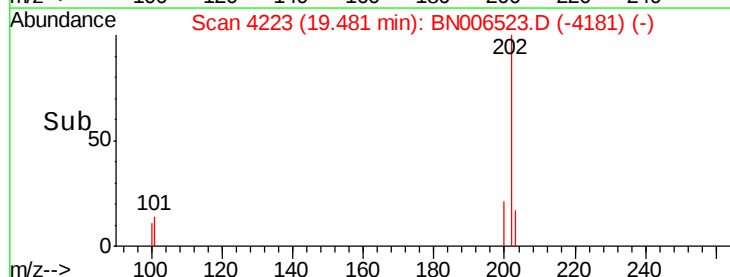
100 11.0 9.8 14.6

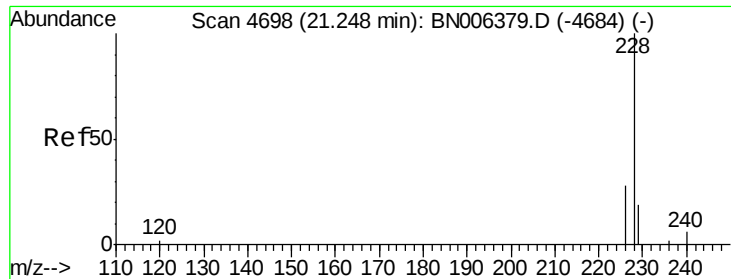


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.399 ng/ul

RT: 21.25 min Scan# 4700

Delta R.T. 0.00 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

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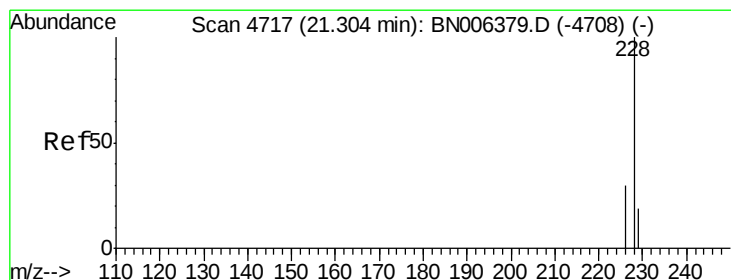
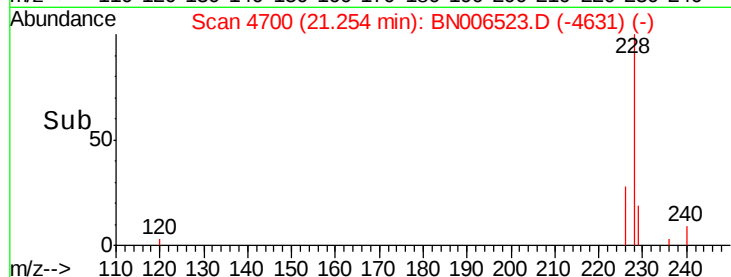
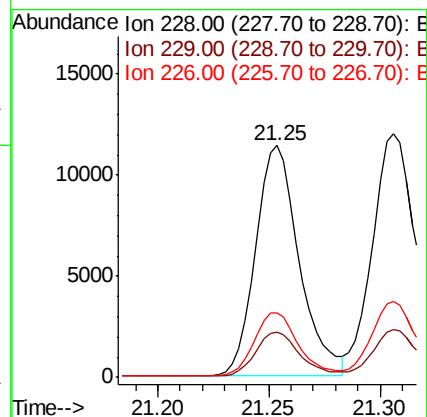
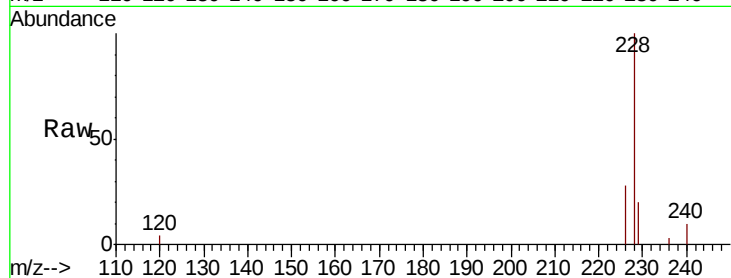
Tgt Ion:228 Resp: 15750

Ion Ratio Lower Upper

228 100

229 19.7 16.5 24.7

226 28.0 22.8 34.2



#19

Chrysene

Concen: 0.497 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.00 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

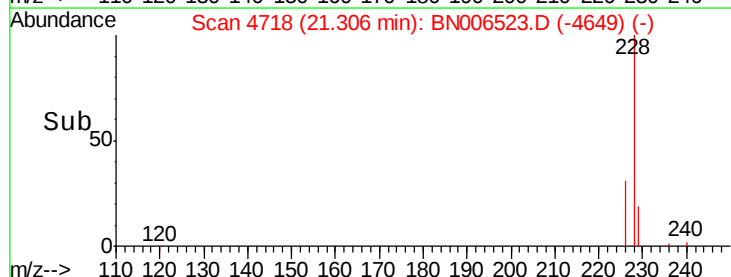
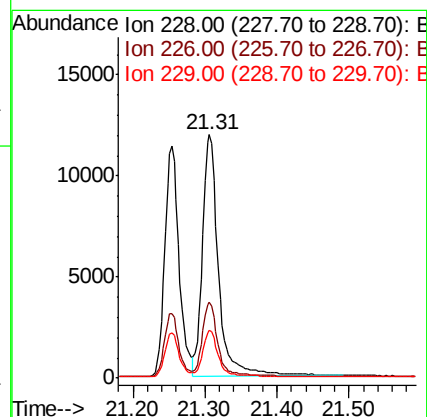
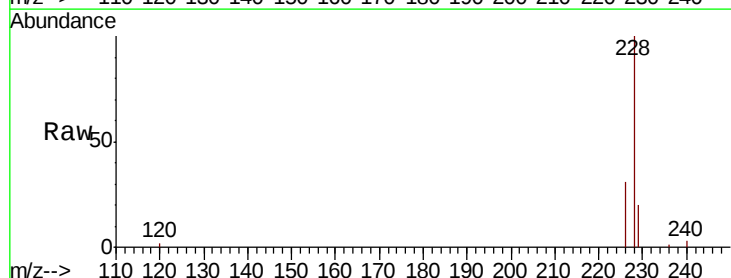
Tgt Ion:228 Resp: 18418

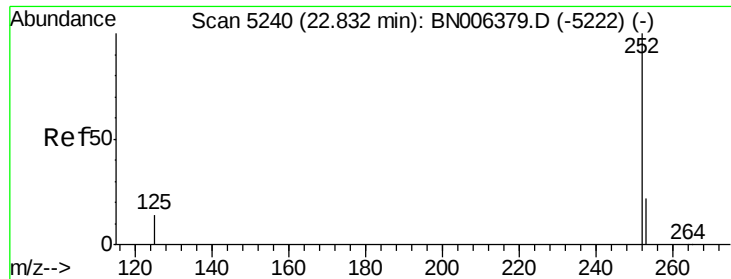
Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 19.7 16.3 24.5





#21

Benzo(b)fluoranthene

Concen: 0.436 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. 0.01 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

Instrument :

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SSTD0.430

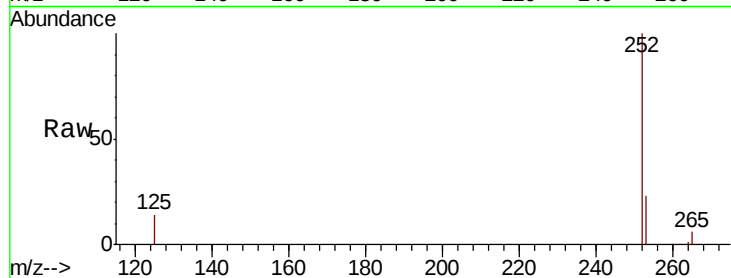
Tgt Ion:252 Resp: 16573

Ion Ratio Lower Upper

252 100

253 23.4 0.0 51.4

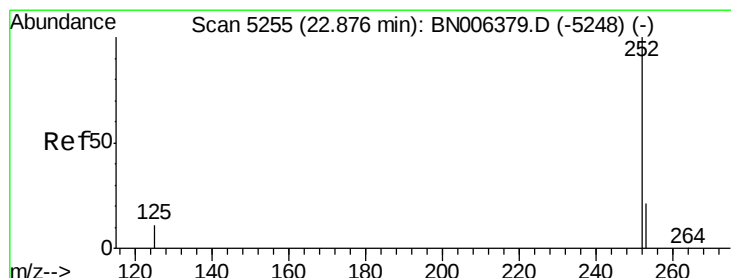
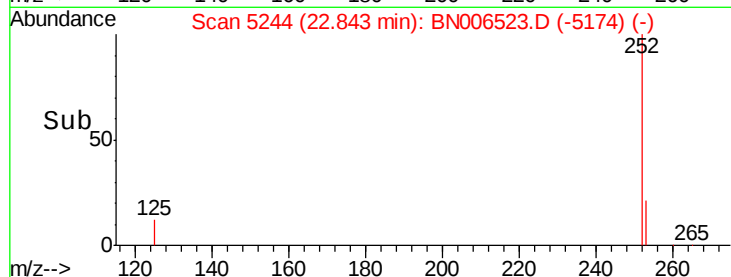
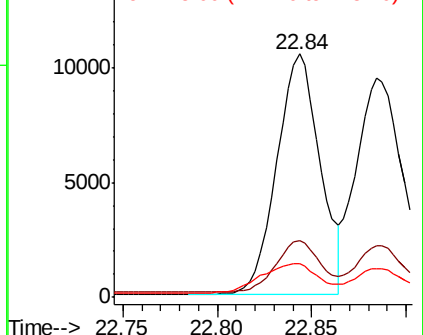
125 13.9 0.0 41.0



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: 0.470 ng/ul

RT: 22.88 min Scan# 5258

Delta R.T. 0.00 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

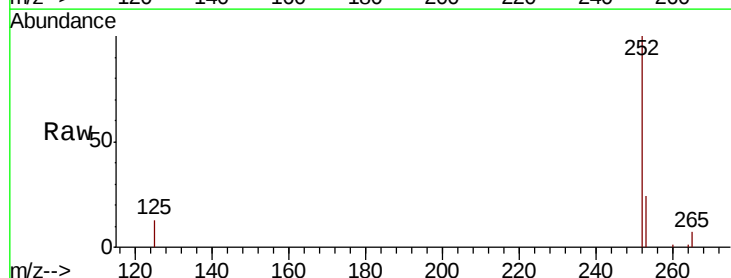
Tgt Ion:252 Resp: 17411

Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

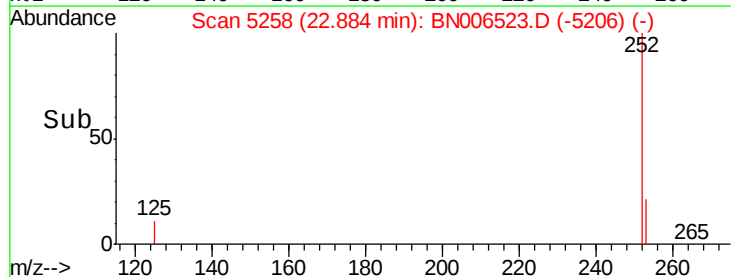
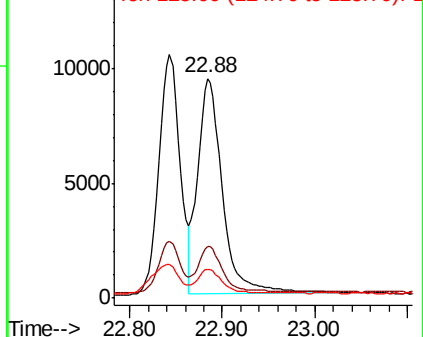
125 13.2 14.3 21.5#

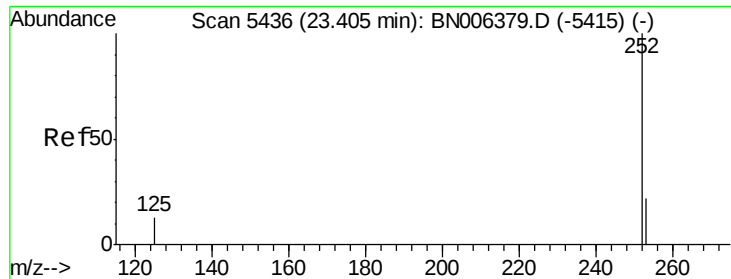


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.461 ng/u1

RT: 23.41 min Scan# 5439

Delta R.T. 0.00 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

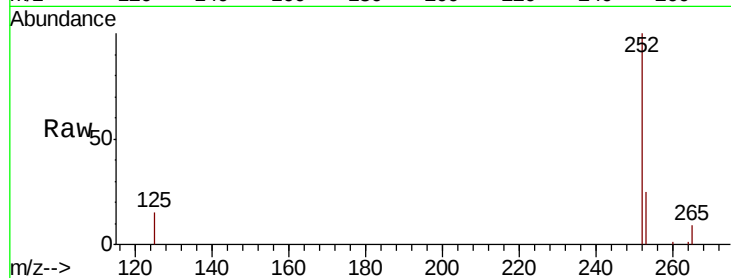
Tgt Ion:252 Resp: 16347

Ion Ratio Lower Upper

252 100

253 24.6 21.1 31.7

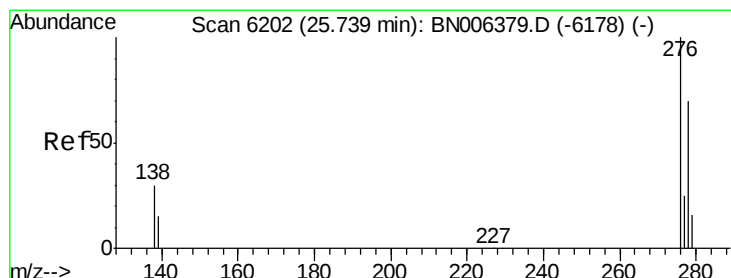
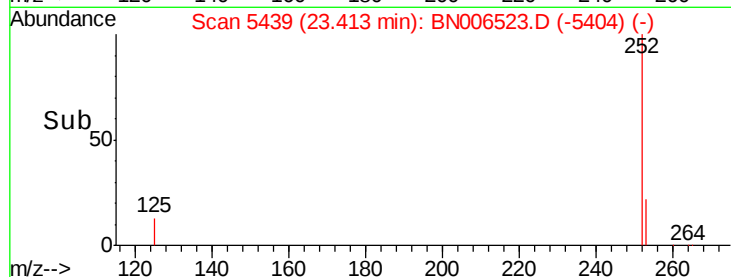
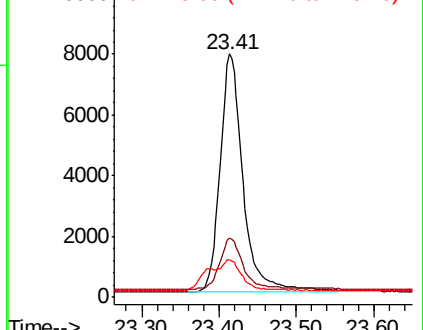
125 15.4 20.3 30.5#



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: 0.486 ng/u1

RT: 25.75 min Scan# 6206

Delta R.T. 0.01 min

Lab File: BN006523.D

Acq: 24 Jun 2019 09:56

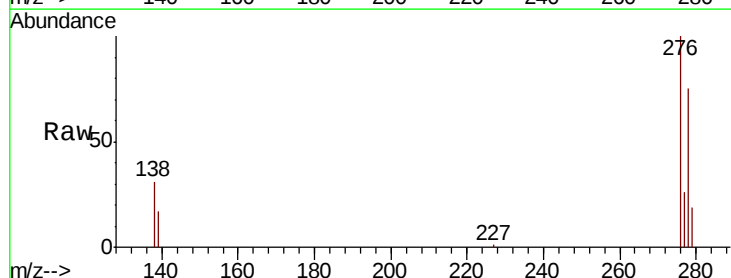
Tgt Ion:276 Resp: 18658

Ion Ratio Lower Upper

276 100

138 30.0 25.6 38.4

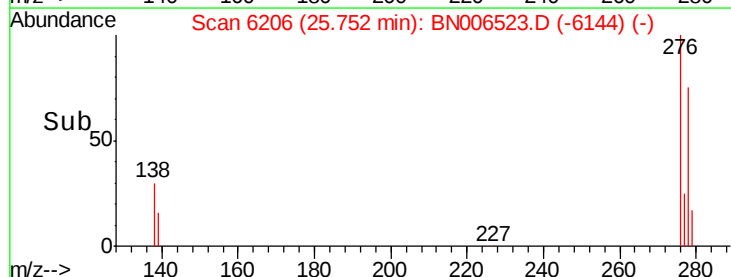
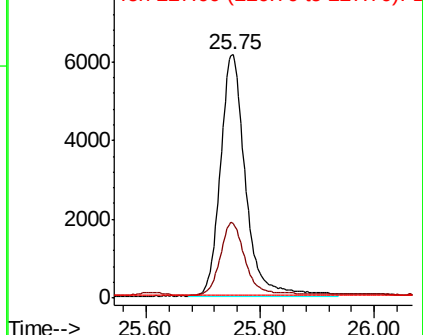
227 0.3 0.3 0.5#

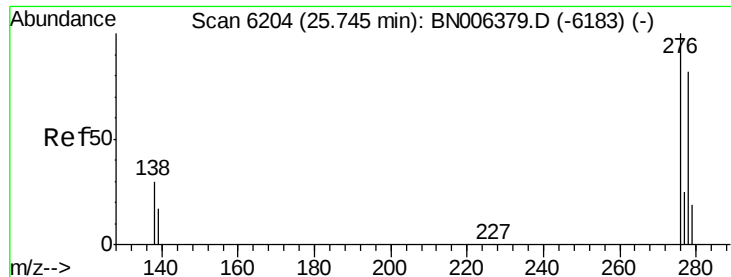


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

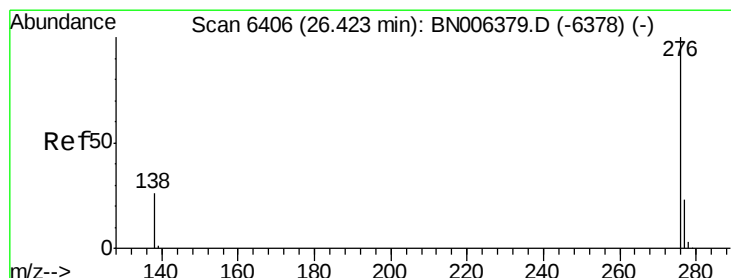
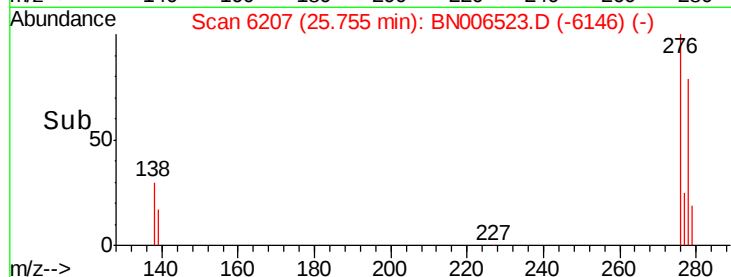
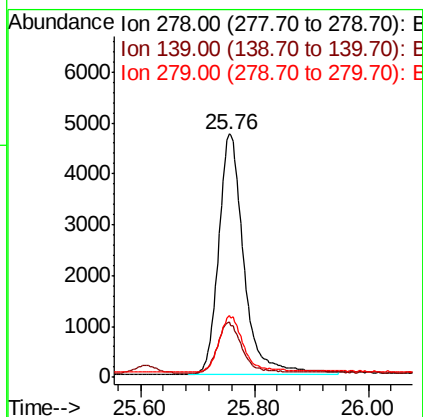
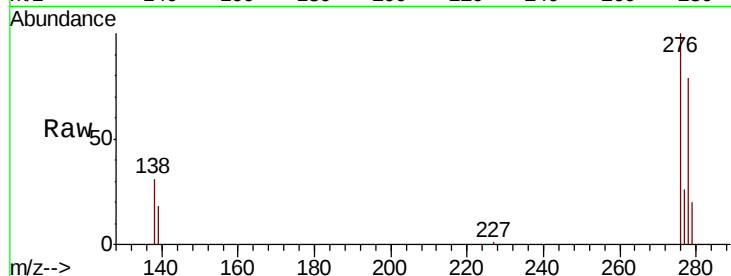




#25
Dibenzo(a,h)anthracene
Concen: 0.473 ng/u1
RT: 25.76 min Scan# 6207
Delta R.T. 0.00 min
Lab File: BN006523.D
Acq: 24 Jun 2019 09:56

Instrument :
BNA_N
ClientSampleId :
SSTD0.430

Tgt Ion:278 Resp: 14516
Ion Ratio Lower Upper
278 100
139 22.5 21.2 31.8
279 25.5 22.6 33.8



#26
Benzo(g,h,i)perylene
Concen: 0.508 ng/u1
RT: 26.43 min Scan# 6409
Delta R.T. 0.00 min
Lab File: BN006523.D
Acq: 24 Jun 2019 09:56

Tgt Ion:276 Resp: 16324
Ion Ratio Lower Upper
276 100
138 26.9 24.2 36.4
277 24.2 21.5 32.3

