

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006581.D
 Acq On : 25 Jun 2019 21:27
 Operator : HP/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.434

Quant Time: Jun 26 00:51:53 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5317	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16761	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10302	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	12025	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	12160	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	16643	0.37	ng/ul	0.00

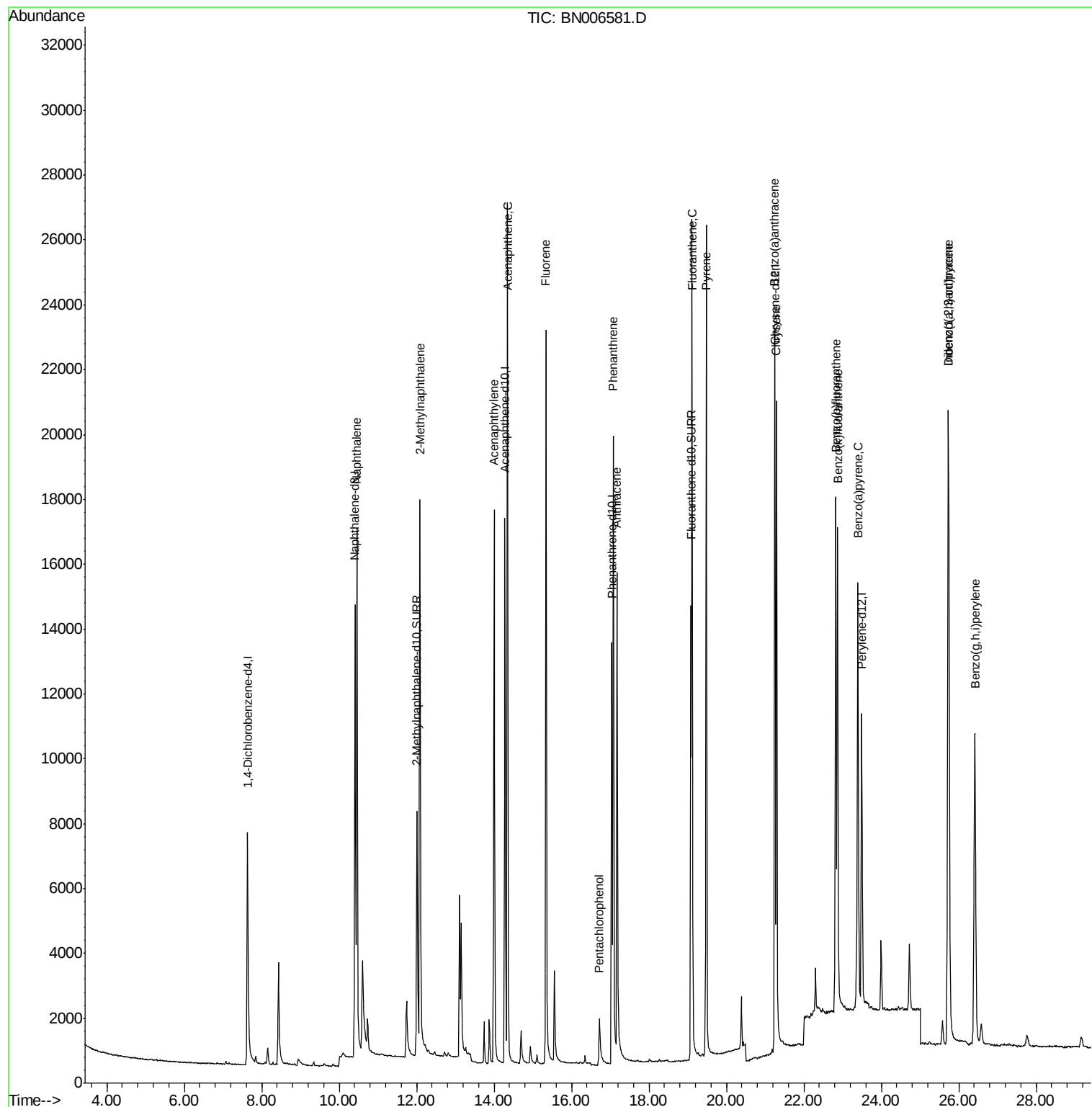
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	23849	0.428	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	15350	0.396	ng/ul	99
7) Acenaphthylene	14.00	152	21249	0.405	ng/ul	100
8) Acenaphthene	14.34	153	15532	0.427	ng/ul	99
9) Fluorene	15.34	166	15886	0.373	ng/ul	97
11) Pentachlorophenol	16.71	266	2060	0.484	ng/ul	99
12) Phenanthrene	17.08	178	22095	0.411	ng/ul	99
13) Anthracene	17.17	178	20057	0.390	ng/ul	99
15) Fluoranthene	19.11	202	22023	0.371	ng/ul	97
17) Pyrene	19.48	202	22479	0.414	ng/ul	100
18) Benzo(a)anthracene	21.24	228	18282	0.401	ng/ul	99
19) Chrysene	21.29	228	19762	0.462	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	19341	0.386	ng/ul	95
22) Benzo(k)fluoranthene	22.87	252	20398	0.418	ng/ul	96
23) Benzo(a)pyrene	23.39	252	19572	0.419	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.73	276	22898	0.453	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.74	278	18084	0.448	ng/ul	95
26) Benzo(g,h,i)perylene	26.41	276	19663	0.464	ng/ul	96

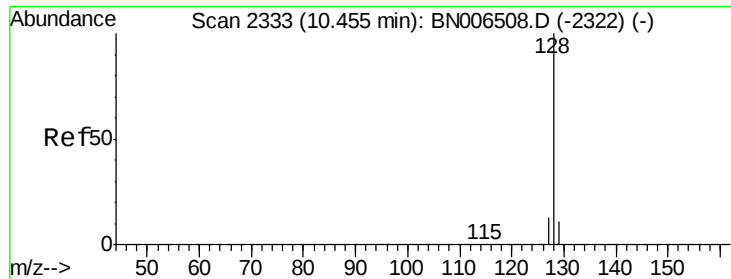
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.428 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

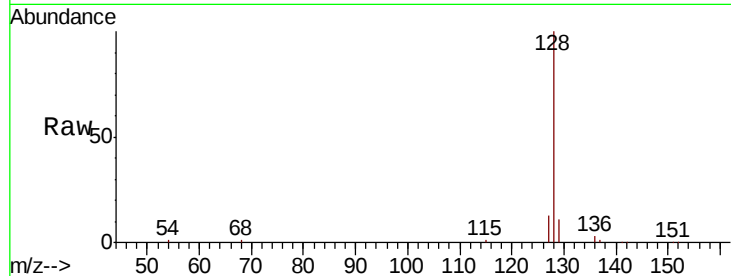
Tgt Ion:128 Resp: 23849

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

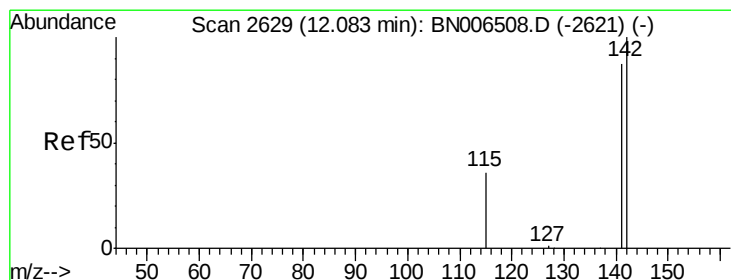
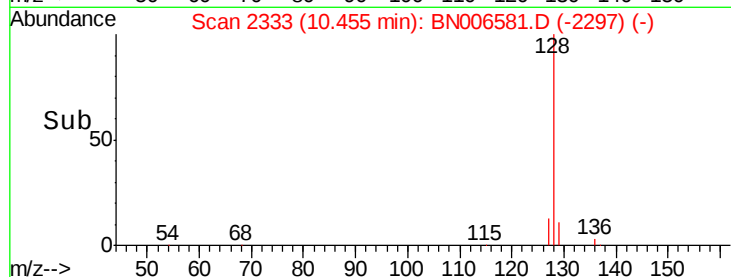
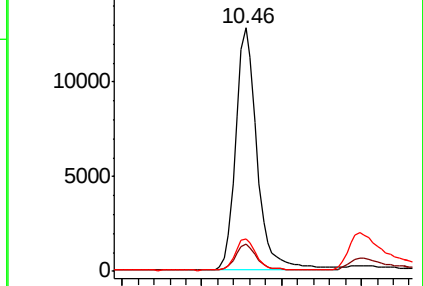
127 13.4 10.7 16.1



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: 0.396 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BN006581.D

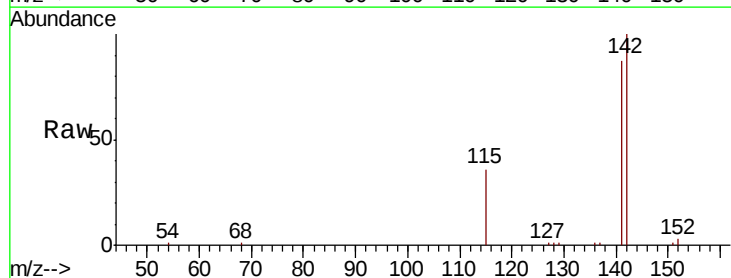
Acq: 25 Jun 2019 21:27

Tgt Ion:142 Resp: 15350

Ion Ratio Lower Upper

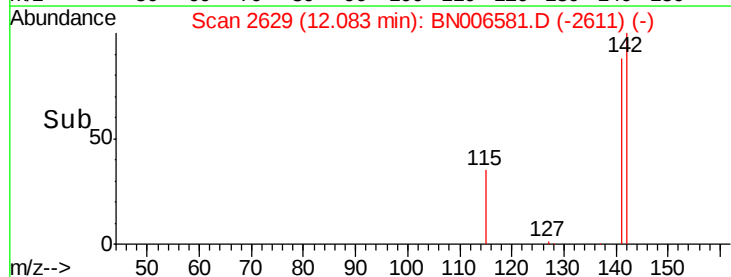
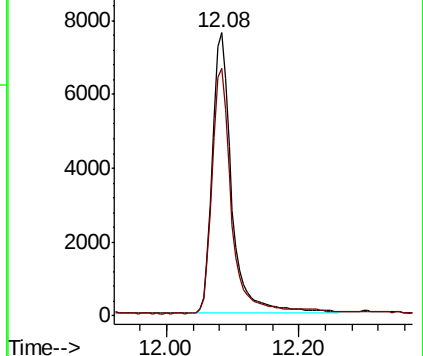
142 100

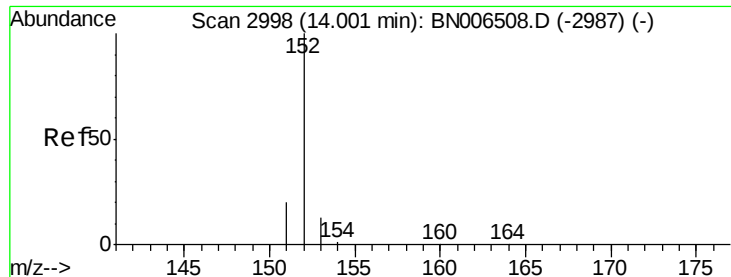
141 88.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.405 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

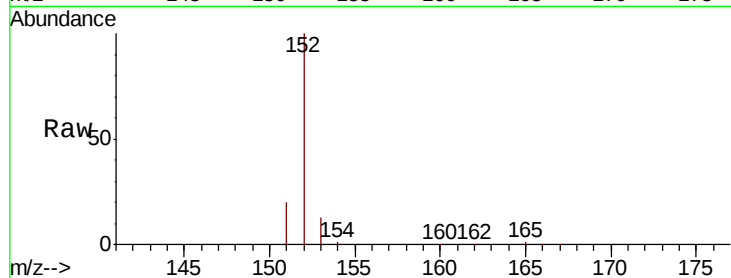
Tgt Ion:152 Resp: 21249

Ion Ratio Lower Upper

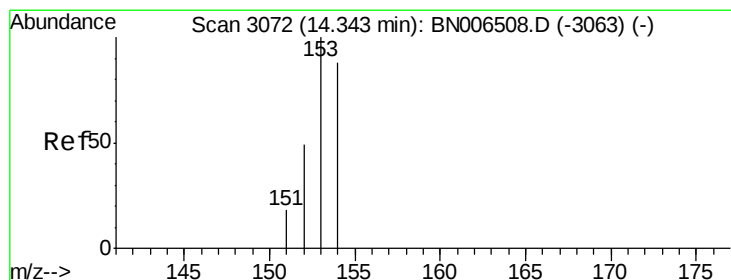
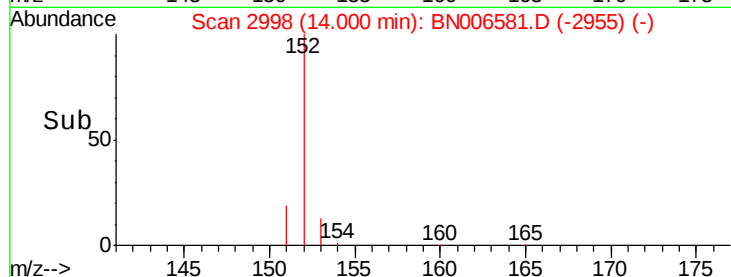
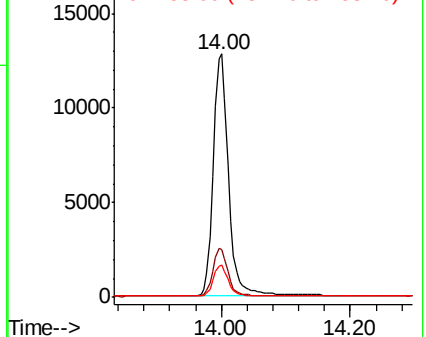
152 100

151 19.8 15.8 23.8

153 13.4 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: 0.427 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

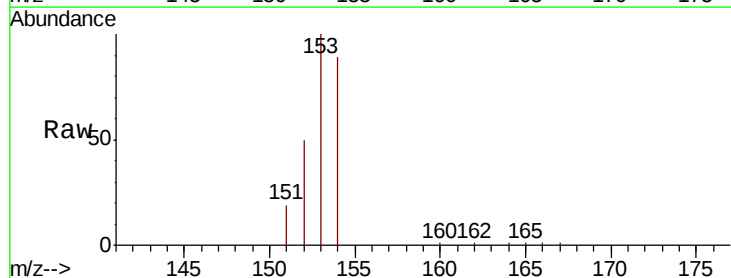
Tgt Ion:153 Resp: 15532

Ion Ratio Lower Upper

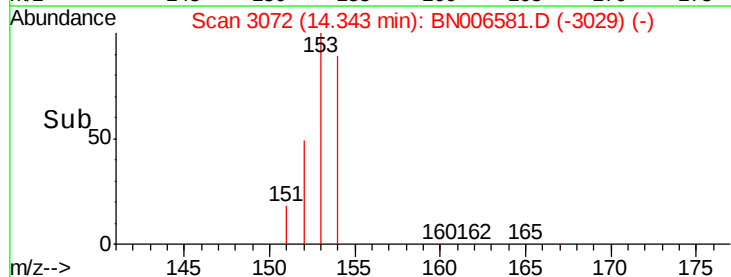
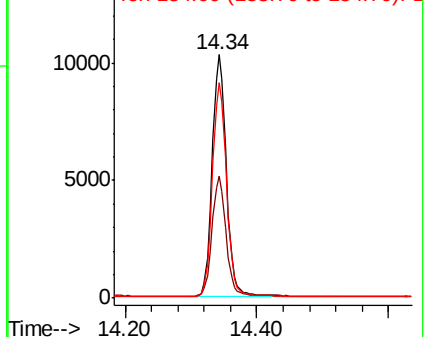
153 100

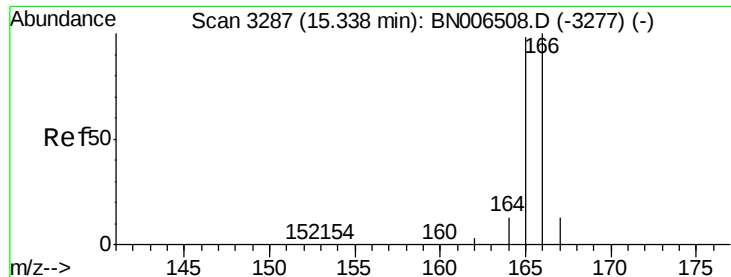
152 50.4 39.1 58.7

154 88.7 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: 0.373 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

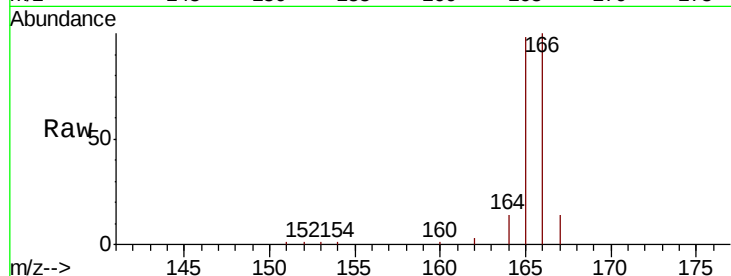
Tgt Ion:166 Resp: 15886

Ion Ratio Lower Upper

166 100

165 98.4 76.4 114.6

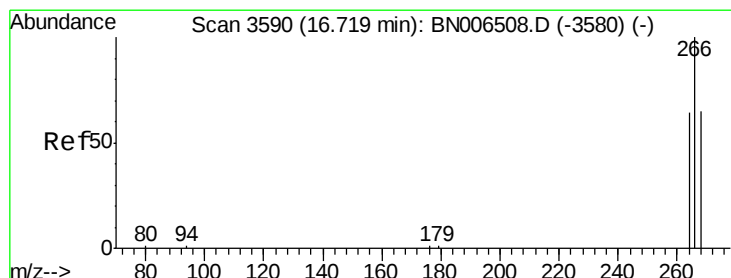
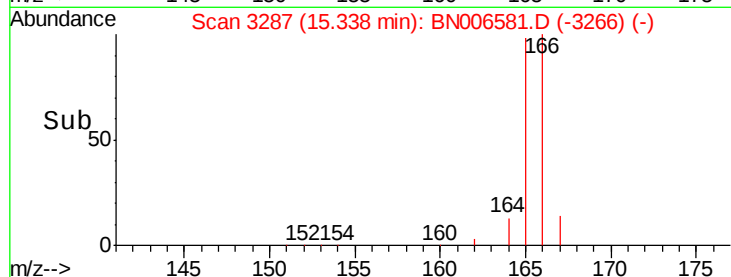
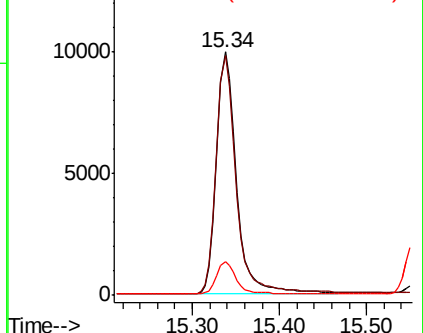
167 14.1 11.0 16.6



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: 0.484 ng/ul

RT: 16.71 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

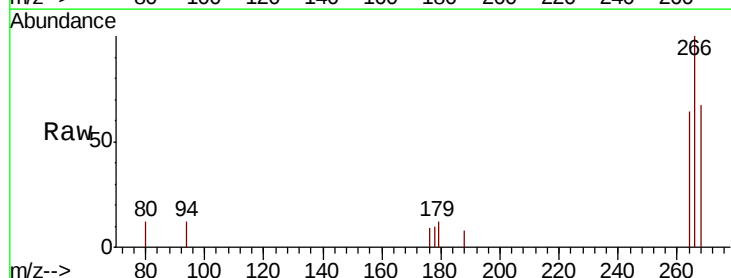
Tgt Ion:266 Resp: 2060

Ion Ratio Lower Upper

266 100

264 63.9 50.3 75.5

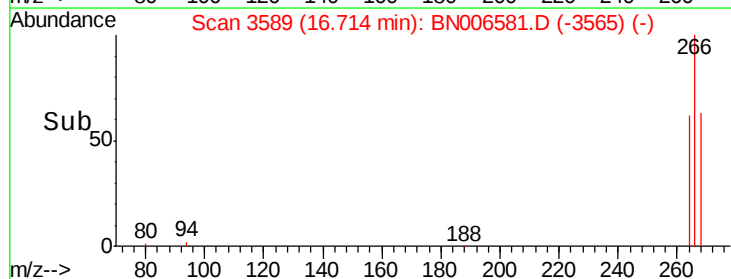
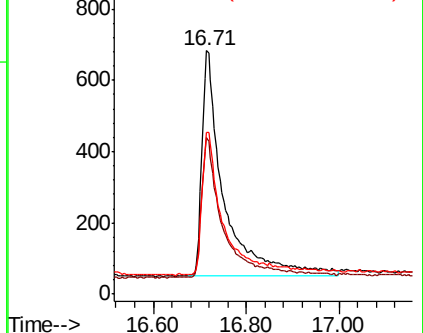
268 64.8 51.3 76.9

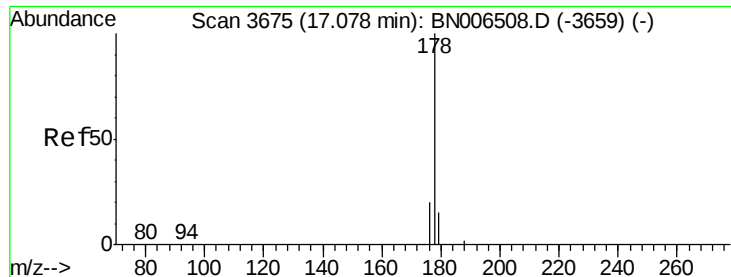


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.411 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

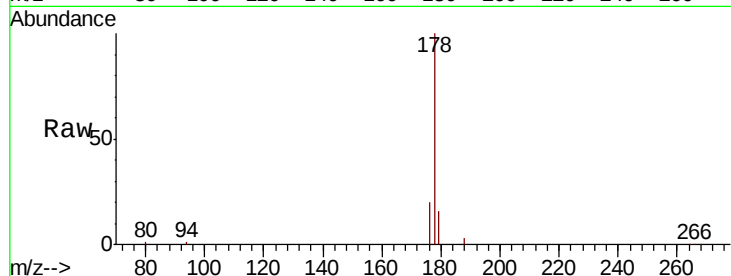
Tgt Ion:178 Resp: 22095

Ion Ratio Lower Upper

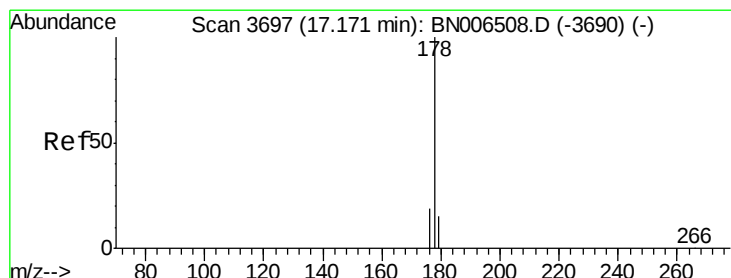
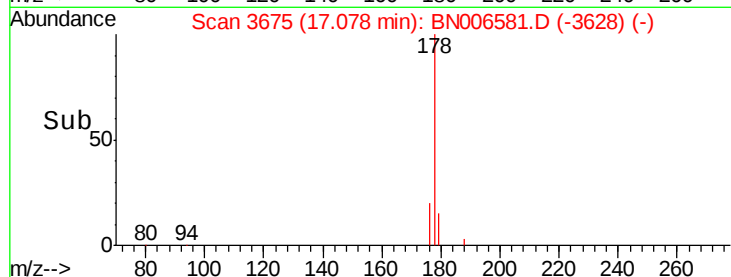
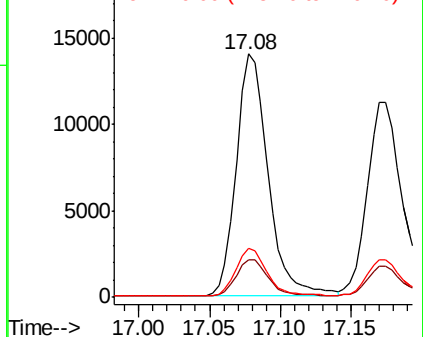
178 100

179 15.6 12.3 18.5

176 19.9 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: 0.390 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

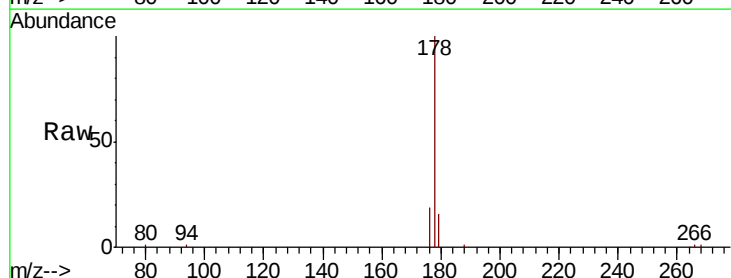
Tgt Ion:178 Resp: 20057

Ion Ratio Lower Upper

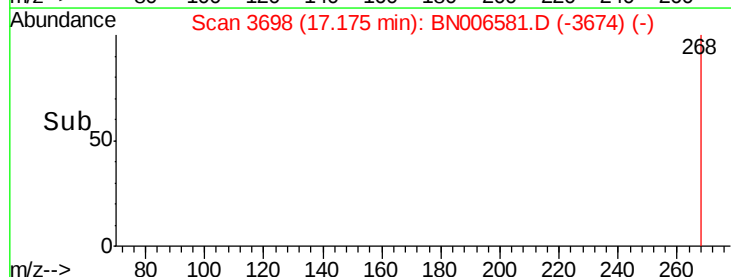
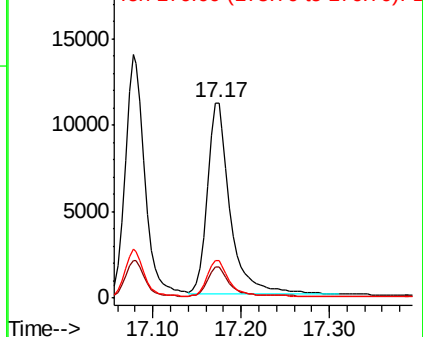
178 100

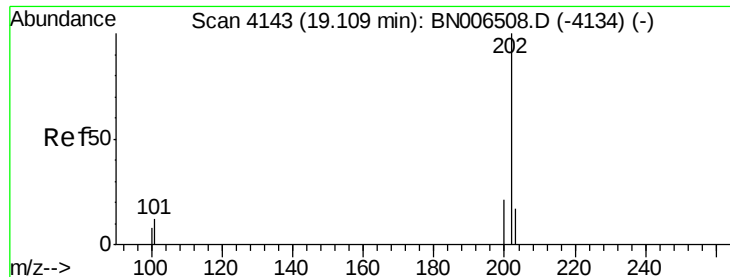
179 16.1 12.2 18.4

176 19.1 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: 0.371 ng/ul

RT: 19.11 min Scan# 4143

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

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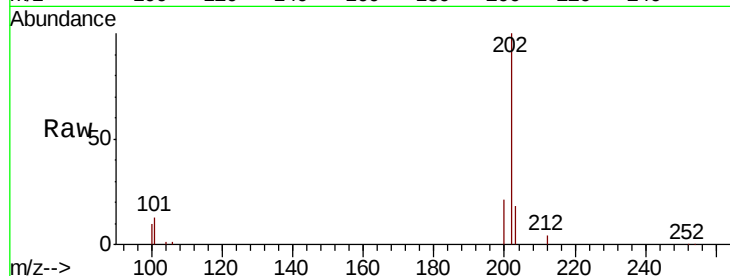
Tgt Ion:202 Resp: 22023

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.1

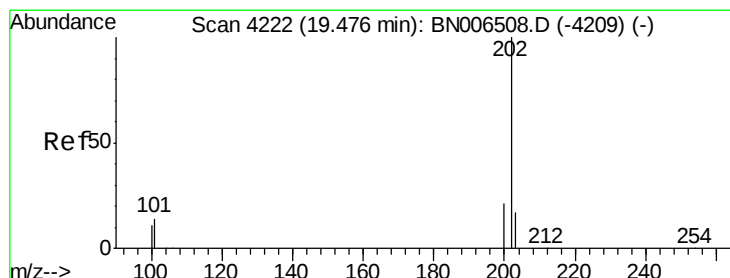
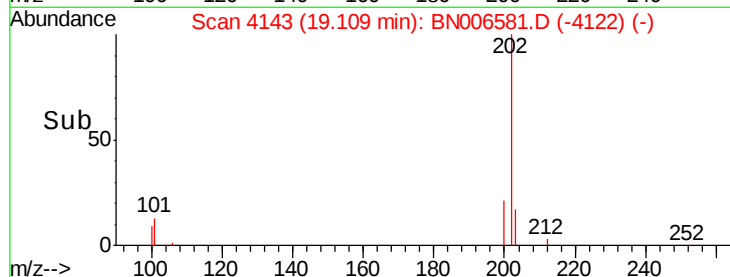
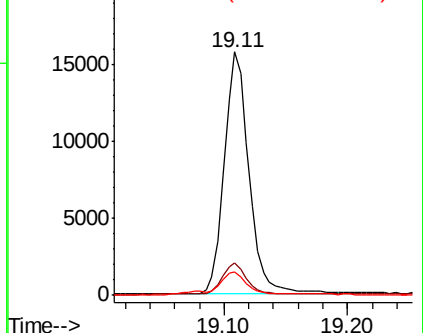
100 9.6 0.0 28.7



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: 0.414 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

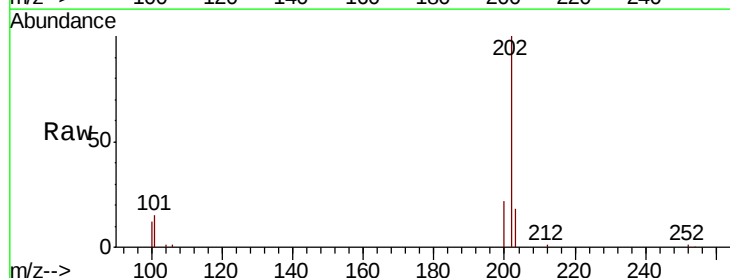
Tgt Ion:202 Resp: 22479

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.2

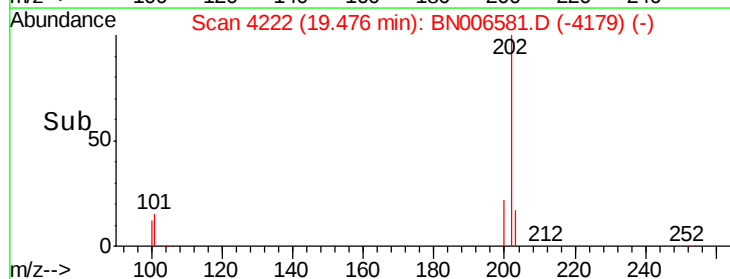
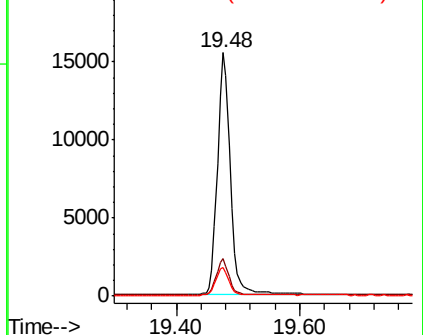
100 11.8 9.8 14.6

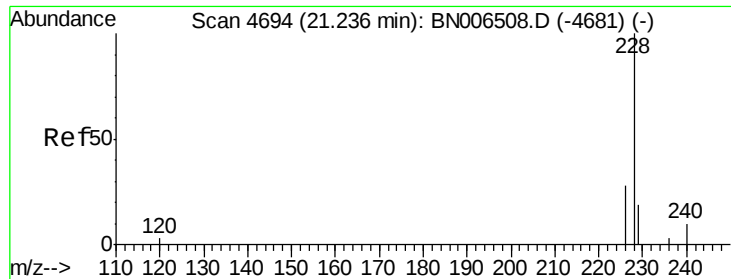


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.401 ng/ul

RT: 21.24 min Scan# 4695

Delta R.T. 0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

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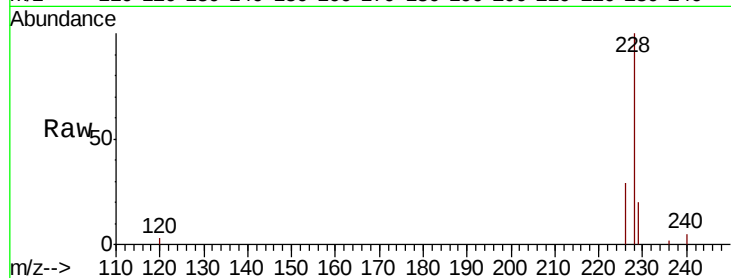
Tgt Ion:228 Resp: 18282

Ion Ratio Lower Upper

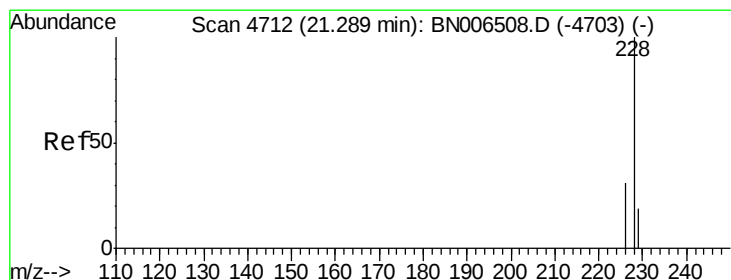
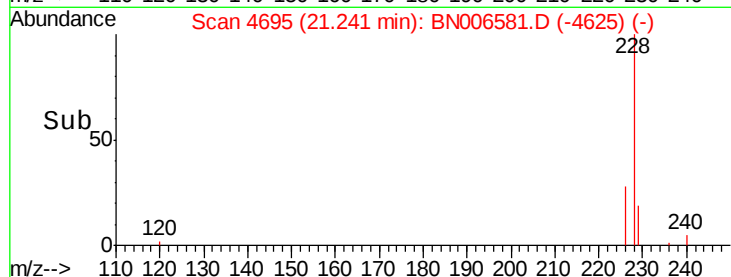
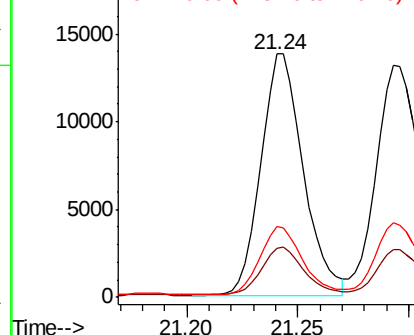
228 100

229 19.9 16.5 24.7

226 29.1 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: 0.462 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. 0.00 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

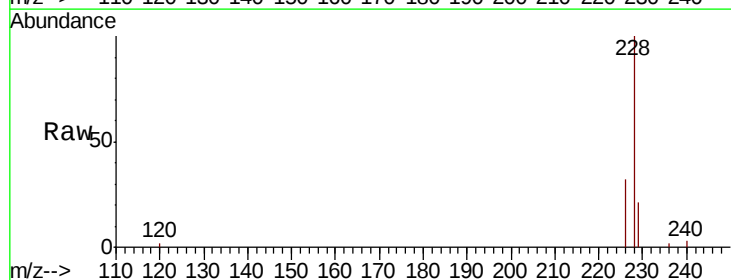
Tgt Ion:228 Resp: 19762

Ion Ratio Lower Upper

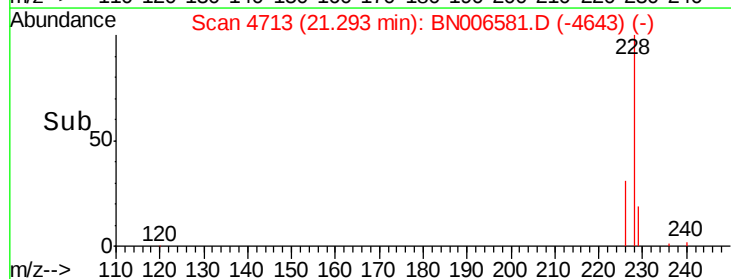
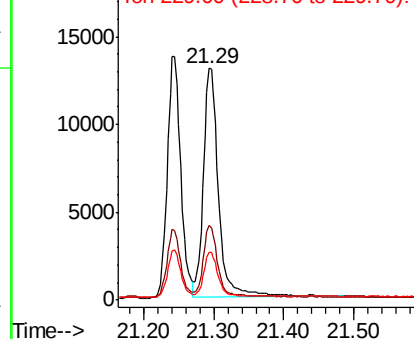
228 100

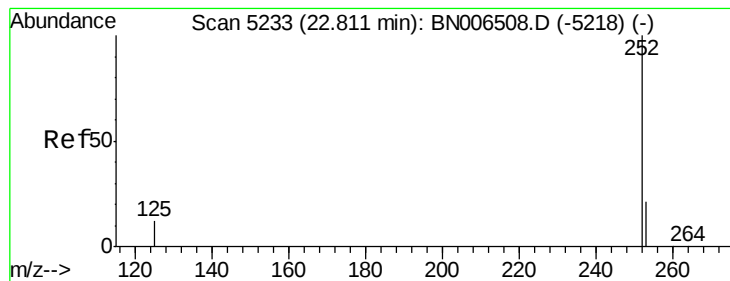
226 32.2 25.0 37.6

229 20.5 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: 0.386 ng/ul

RT: 22.82 min Scan# 5236

Delta R.T. 0.01 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

Instrument :

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ClientSampleId :

SSTD0.434

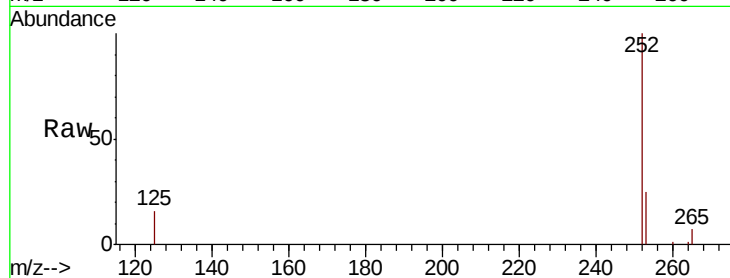
Tgt Ion:252 Resp: 19341

Ion Ratio Lower Upper

252 100

253 24.5 0.0 51.4

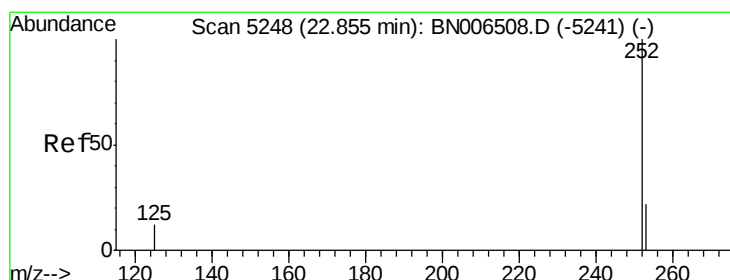
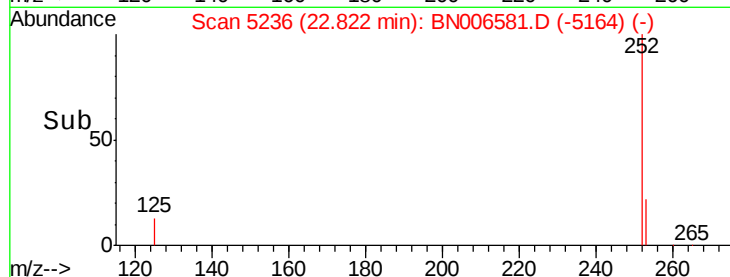
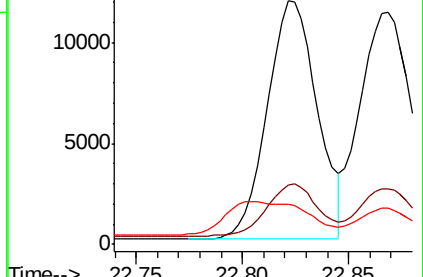
125 16.2 0.0 41.0



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: 0.418 ng/ul

RT: 22.87 min Scan# 5252

Delta R.T. 0.01 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

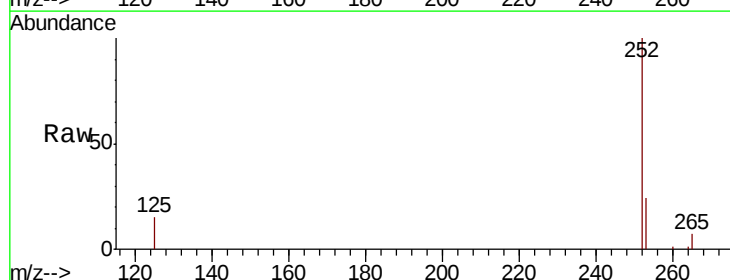
Tgt Ion:252 Resp: 20398

Ion Ratio Lower Upper

252 100

253 24.2 20.3 30.5

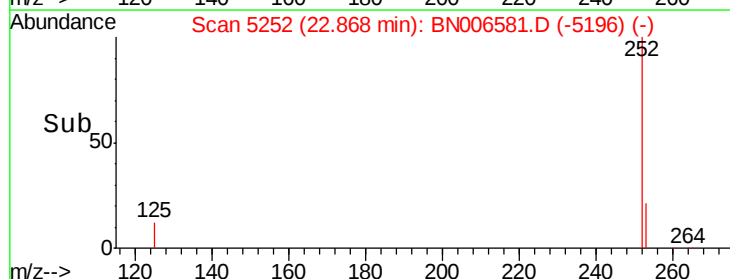
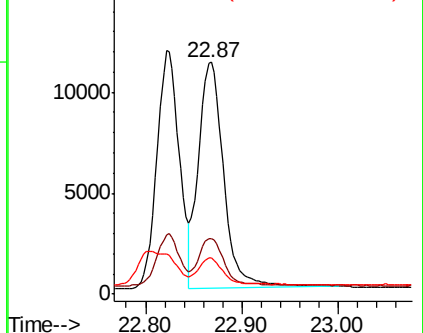
125 15.4 14.3 21.5

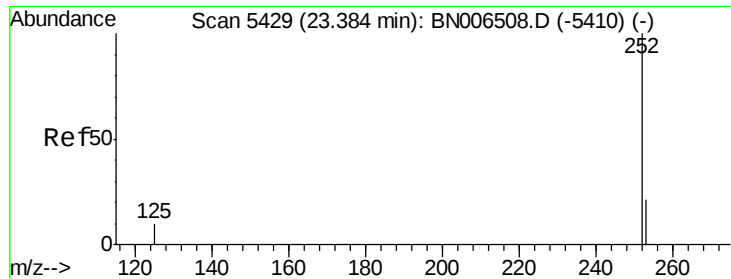


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.419 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. 0.01 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.434

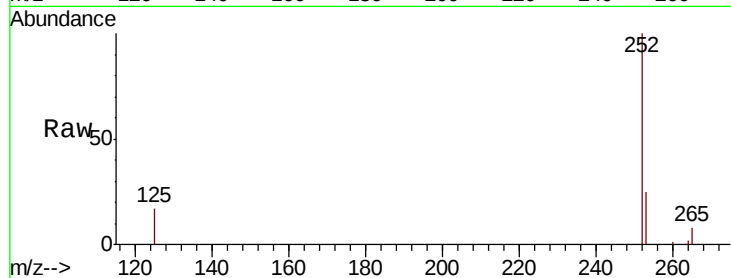
Tgt Ion:252 Resp: 19572

Ion Ratio Lower Upper

252 100

253 25.0 21.1 31.7

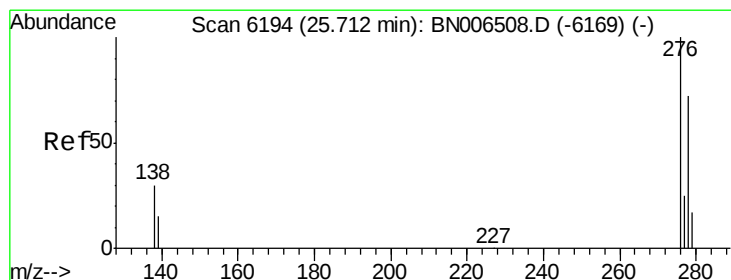
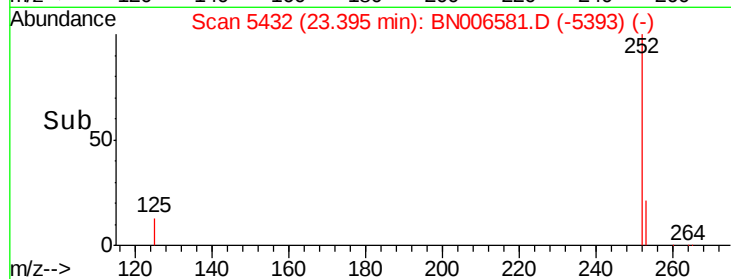
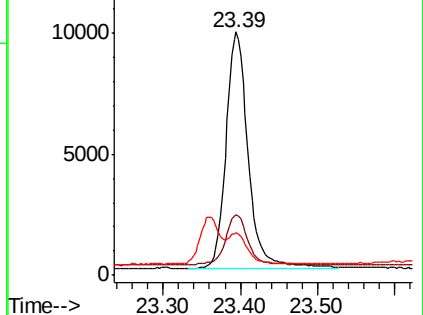
125 17.5 20.3 30.5#



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: 0.453 ng/ul

RT: 25.73 min Scan# 6198

Delta R.T. 0.01 min

Lab File: BN006581.D

Acq: 25 Jun 2019 21:27

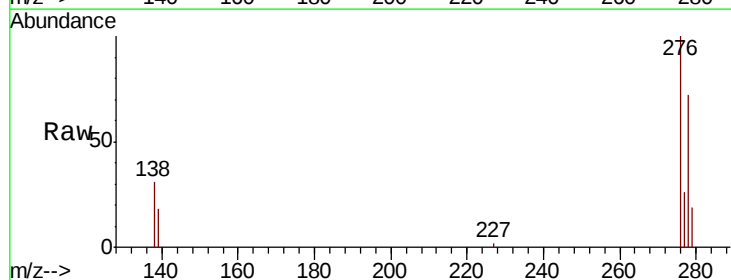
Tgt Ion:276 Resp: 22898

Ion Ratio Lower Upper

276 100

138 30.5 25.6 38.4

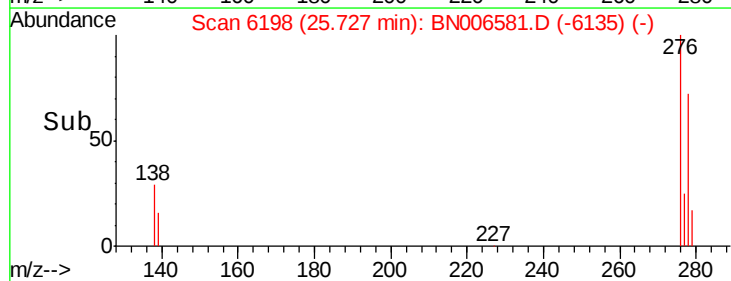
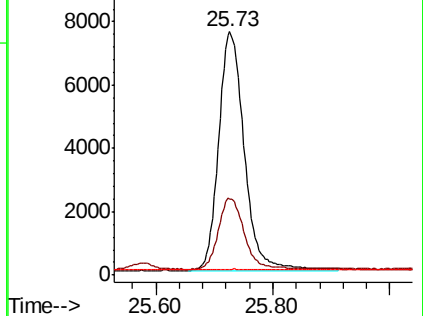
227 0.1 0.3 0.5#

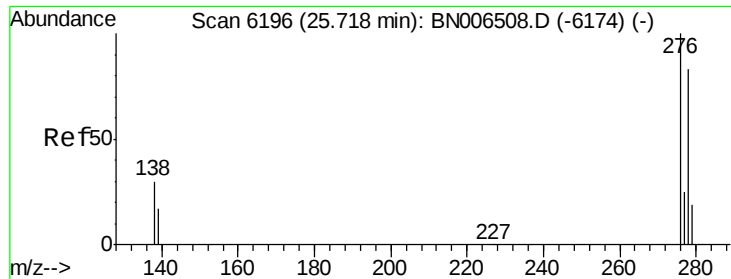


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

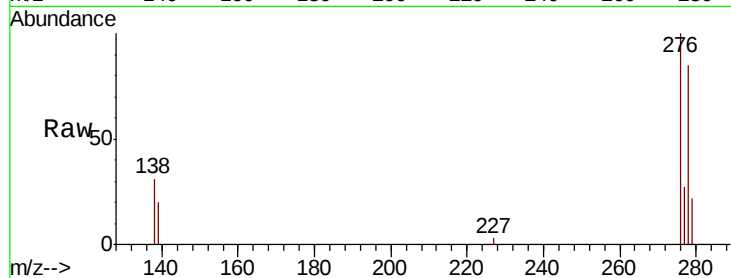




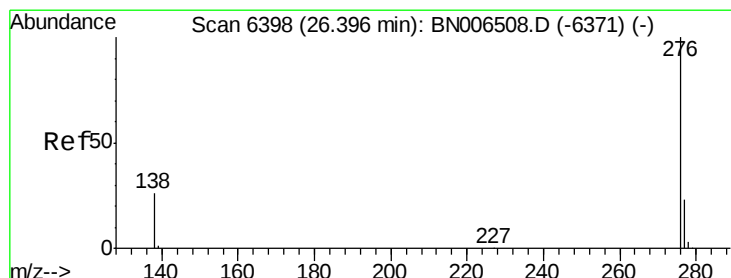
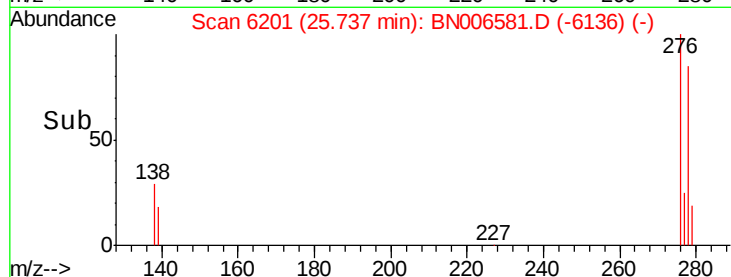
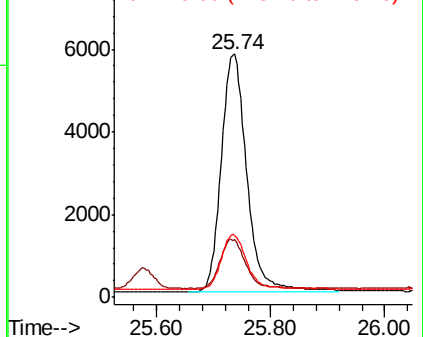
#25
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. 0.02 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.434

Tgt Ion: 278 Resp: 18084
Ion Ratio Lower Upper
278 100
139 23.7 21.2 31.8
279 25.6 22.6 33.8

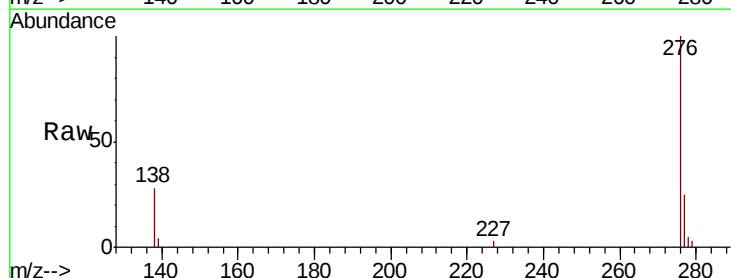


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.464 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. 0.02 min
Lab File: BN006581.D
Acq: 25 Jun 2019 21:27

Tgt Ion: 276 Resp: 19663
Ion Ratio Lower Upper
276 100
138 27.9 24.2 36.4
277 25.4 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

