

Data File : BN006197.D
Acq On : 08 Jun 2019 18:30
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.403

Quant Time: Jun 09 04:24:06 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 : Sun Jun 09 04:20:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4946	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19433	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9839	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19852	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15440	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16749	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	10990	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	21159	0.40	ng/ul	0.00

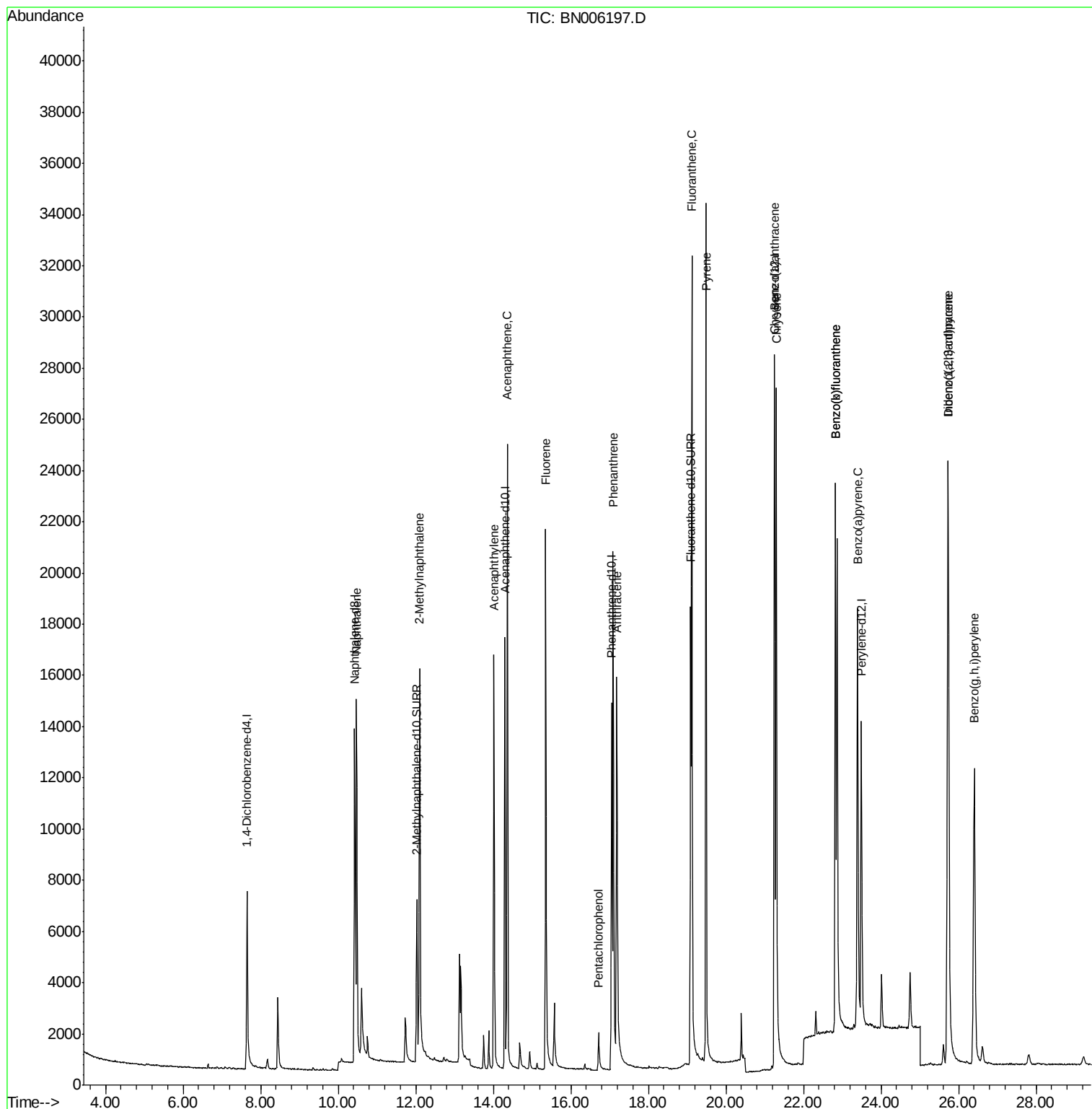
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	20928	0.390	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	13848	0.371	ng/ul	98
7) Acenaphthylene	14.01	152	20348	0.372	ng/ul	100
8) Acenaphthene	14.36	153	14907	0.393	ng/ul	99
9) Fluorene	15.35	166	15725	0.354	ng/ul	97
11) Pentachlorophenol	16.71	266	1584	0.314	ng/ul	96
12) Phenanthrene	17.09	178	23773	0.373	ng/ul	100
13) Anthracene	17.18	178	20934	0.344	ng/ul	99
15) Fluoranthene	19.12	202	28026	0.398	ng/ul	96
17) Pyrene	19.49	202	29311	0.360	ng/ul	100
18) Benzo(a)anthracene	21.25	228	23423	0.343	ng/ul	99
19) Chrysene	21.30	228	28004	0.437	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	25538	0.366	ng/ul	98
22) Benzo(k)fluoranthene	22.82	252	25538	0.375	ng/ul	95
23) Benzo(a)pyrene	23.40	252	25743	0.396	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.73	276	29209	0.415	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.74	278	23114	0.411	ng/ul	93
26) Benzo(g,h,i)perylene	26.40	276	24760	0.420	ng/ul	95

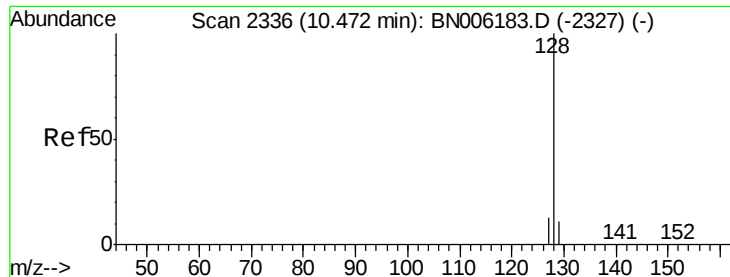
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.390 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

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SSTD0.403

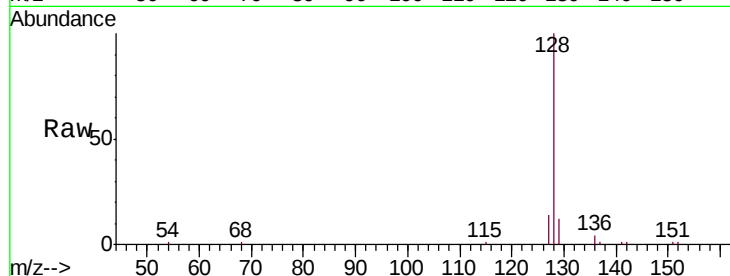
Tgt Ion:128 Resp: 20928

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

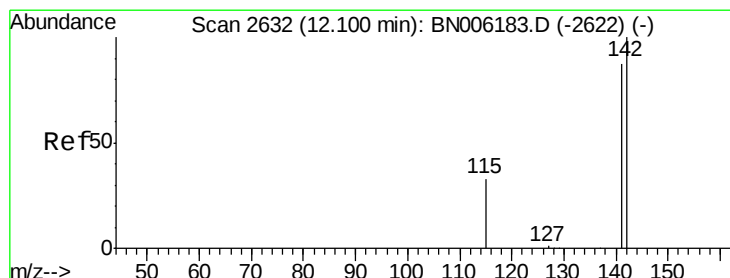
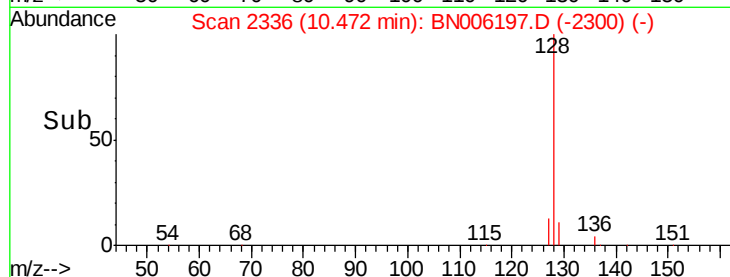
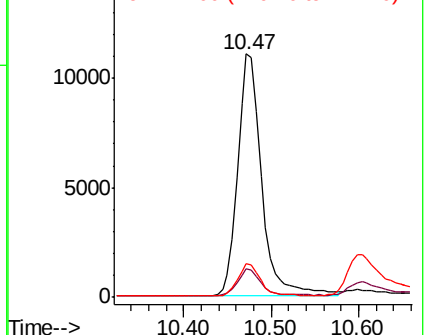
127 13.6 10.7 16.1



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: 0.371 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006197.D

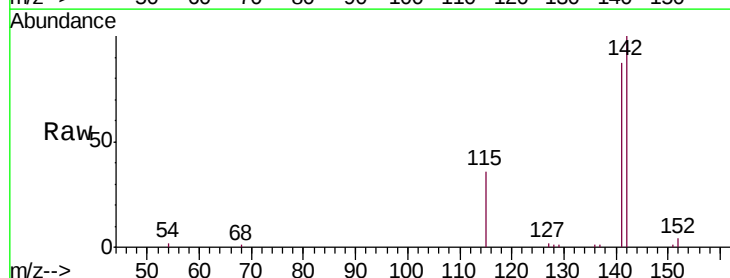
Acq: 08 Jun 2019 18:30

Tgt Ion:142 Resp: 13848

Ion Ratio Lower Upper

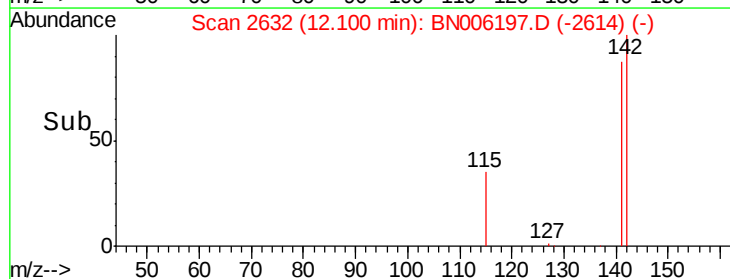
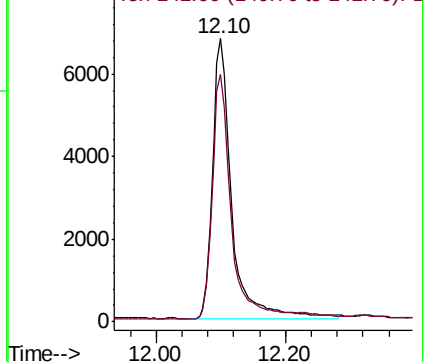
142 100

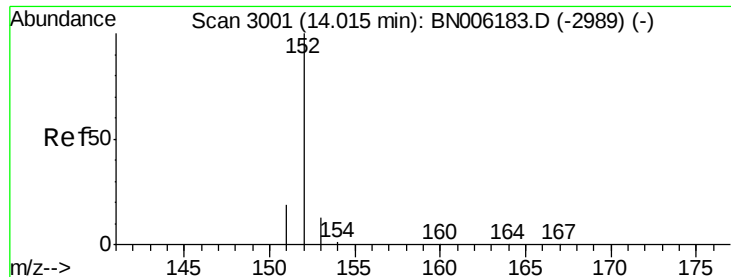
141 89.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.372 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

Instrument :

BNA_N

ClientSampleId :

SSTD0.403

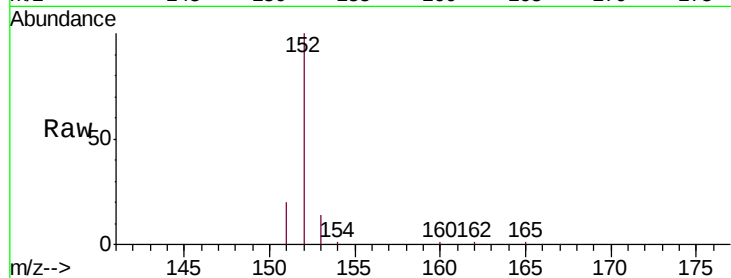
Tgt Ion:152 Resp: 20348

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

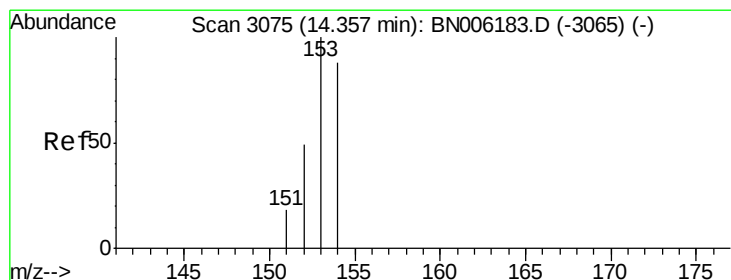
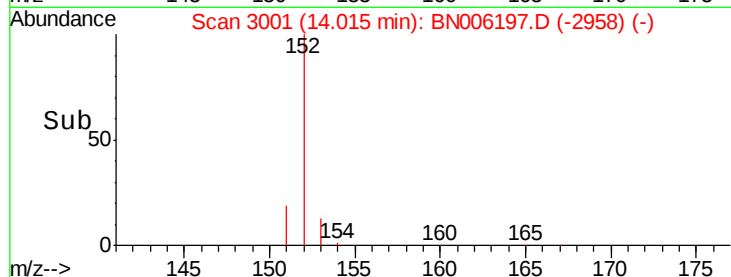
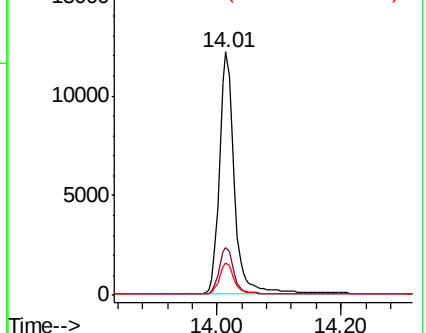
153 13.5 10.8 16.2



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: 0.393 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

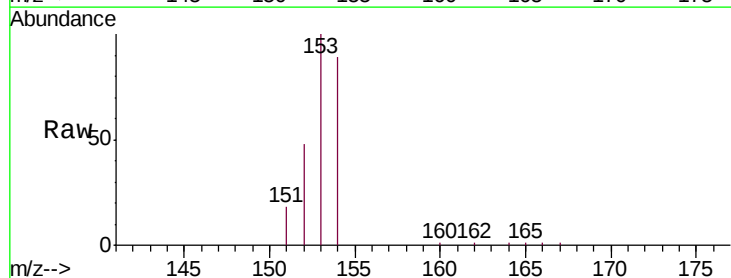
Tgt Ion:153 Resp: 14907

Ion Ratio Lower Upper

153 100

152 48.1 39.1 58.7

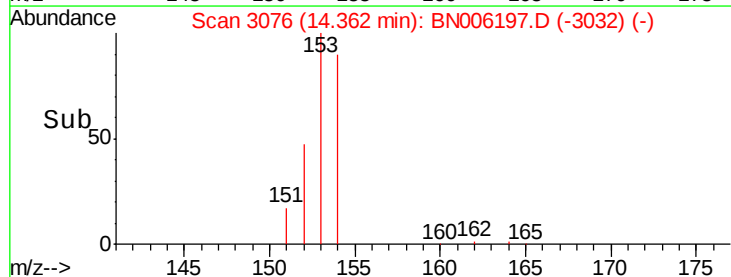
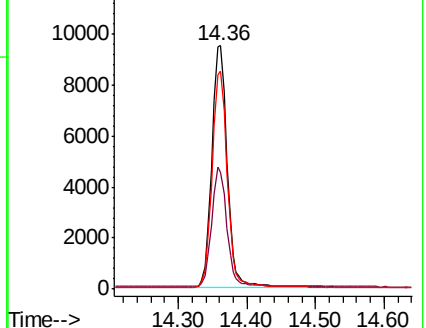
154 89.5 71.1 106.7

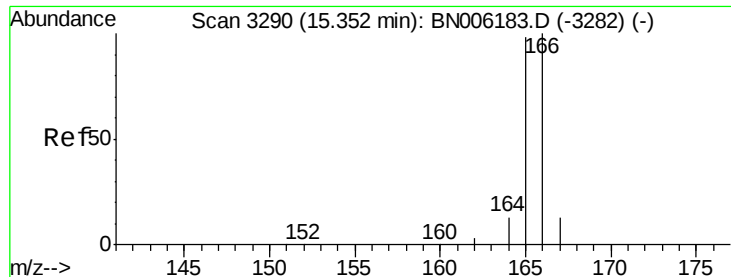


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.354 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

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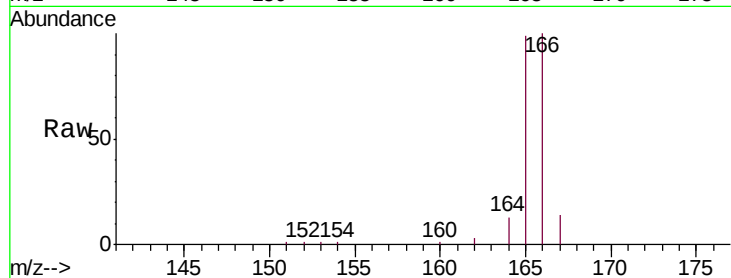
Tgt Ion:166 Resp: 15725

Ion Ratio Lower Upper

166 100

165 98.8 76.4 114.6

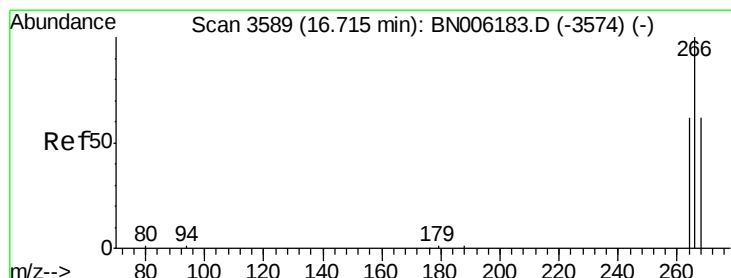
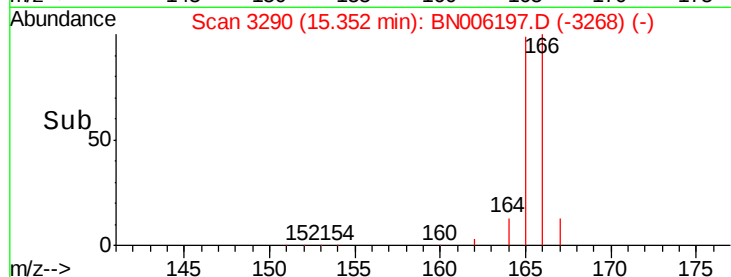
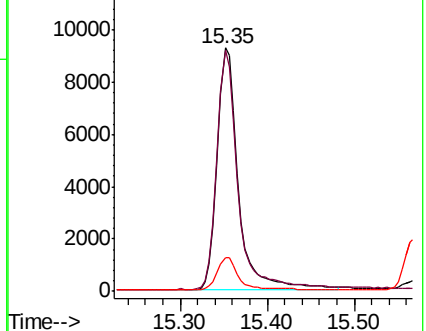
167 14.0 11.0 16.6



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: 0.314 ng/ul

RT: 16.71 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

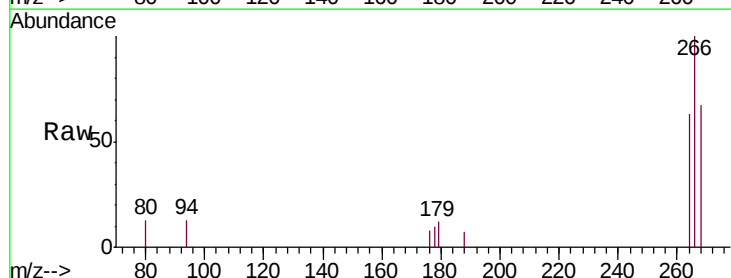
Tgt Ion:266 Resp: 1584

Ion Ratio Lower Upper

266 100

264 61.6 50.3 75.5

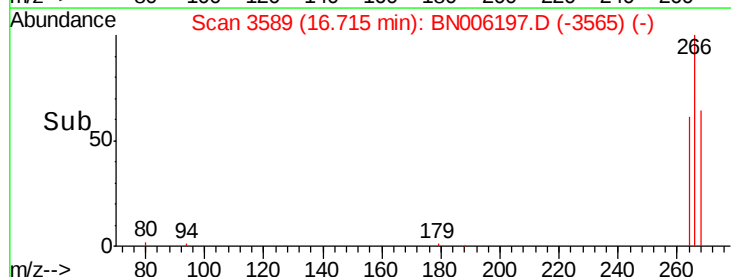
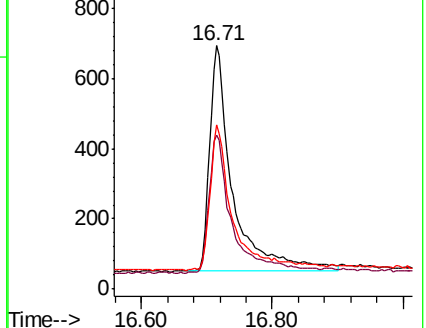
268 69.7 51.3 76.9

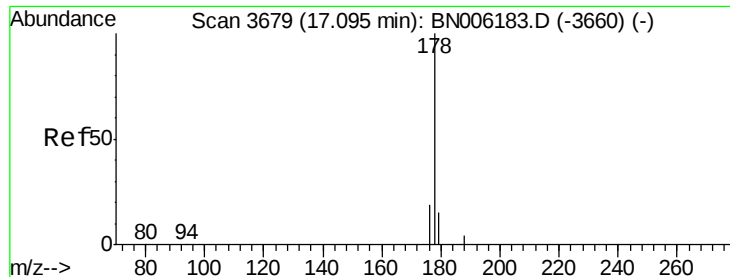


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.373 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

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SSTD0.403

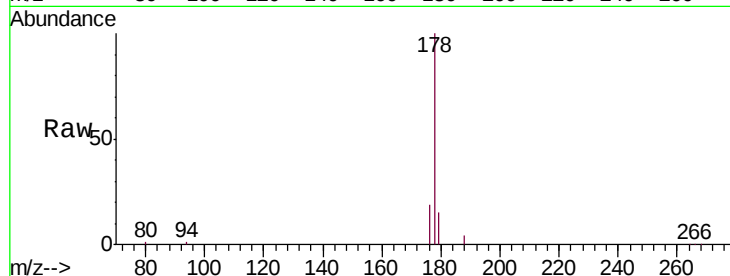
Tgt Ion:178 Resp: 23773

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

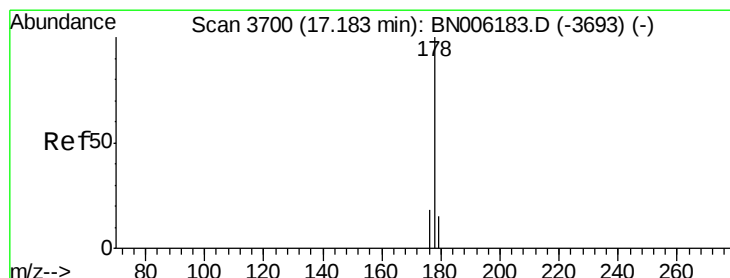
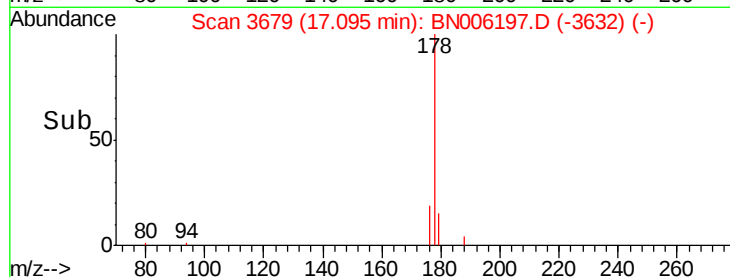
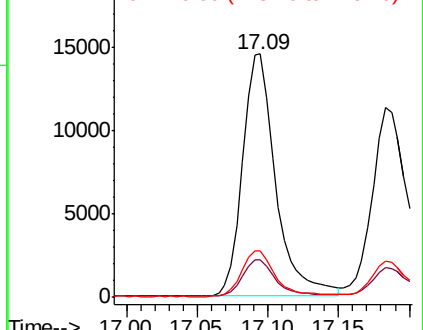
176 19.2 15.3 22.9



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: 0.344 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

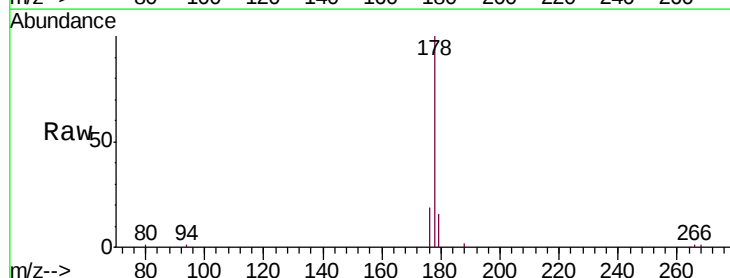
Tgt Ion:178 Resp: 20934

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

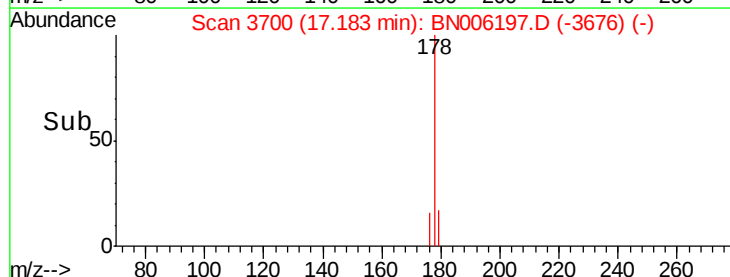
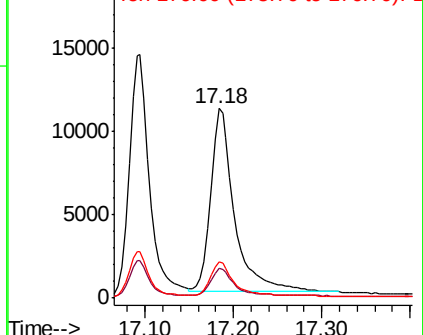
176 19.2 15.1 22.7

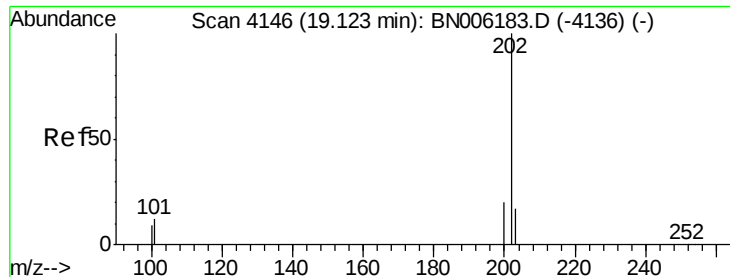


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.398 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

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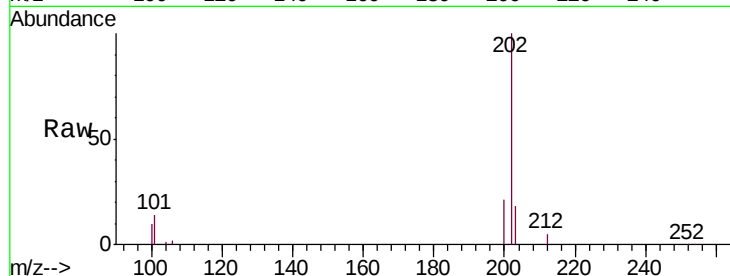
Tgt Ion:202 Resp: 28026

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.1

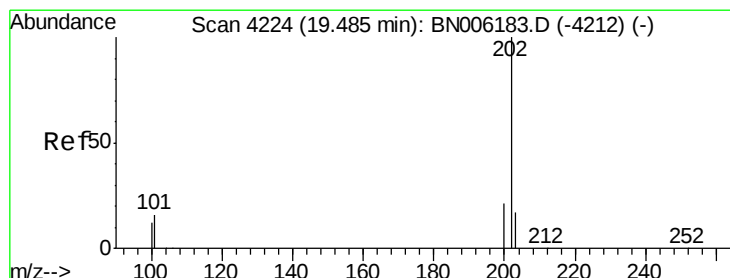
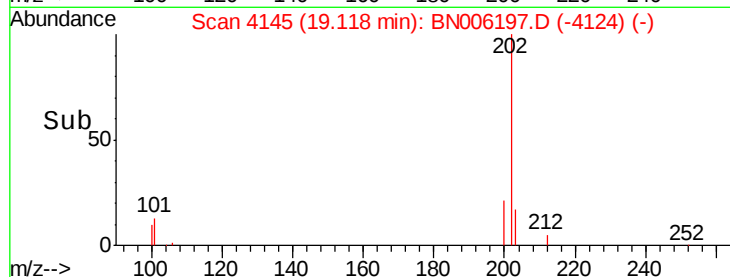
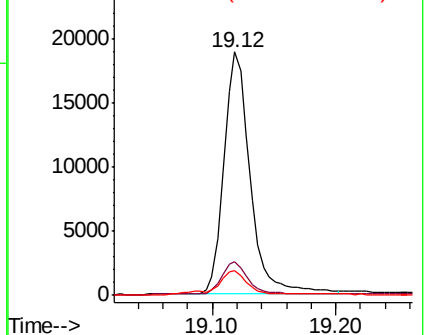
100 10.4 0.0 28.7



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: 0.360 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

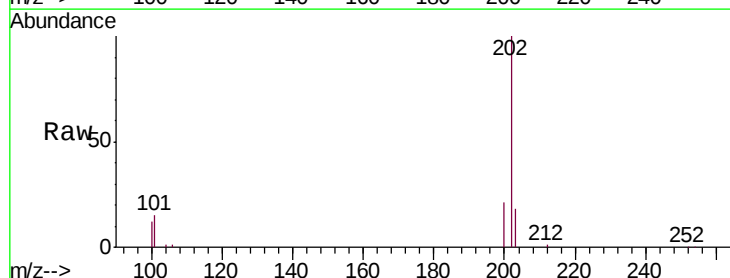
Tgt Ion:202 Resp: 29311

Ion Ratio Lower Upper

202 100

101 15.5 12.2 18.2

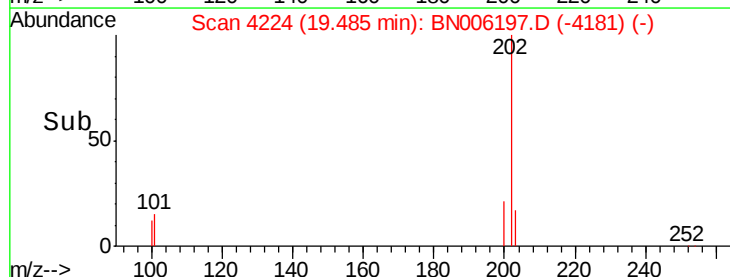
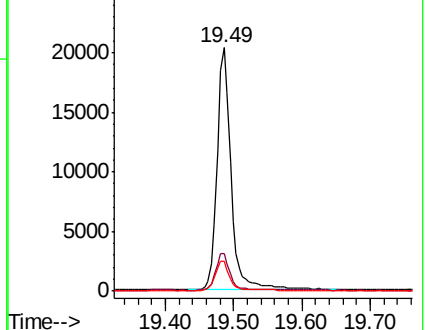
100 12.1 9.8 14.6

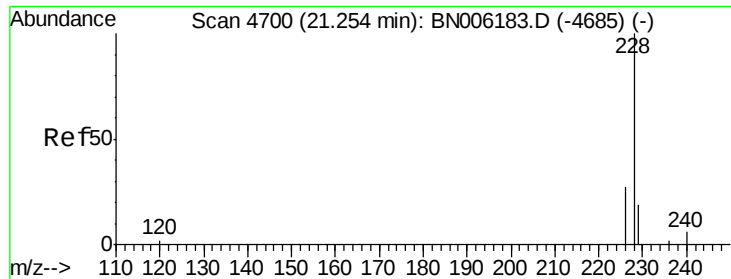


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.343 ng/ul

RT: 21.25 min Scan# 4698

Delta R.T. -0.01 min

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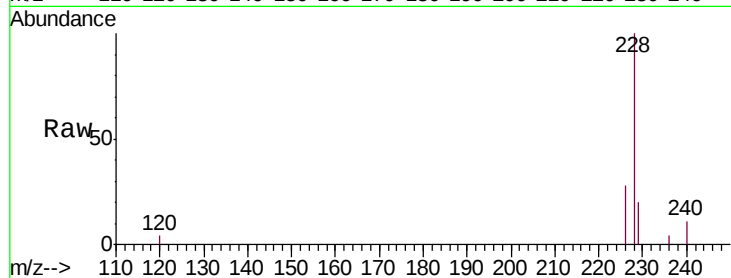
Tgt Ion:228 Resp: 23423

Ion Ratio Lower Upper

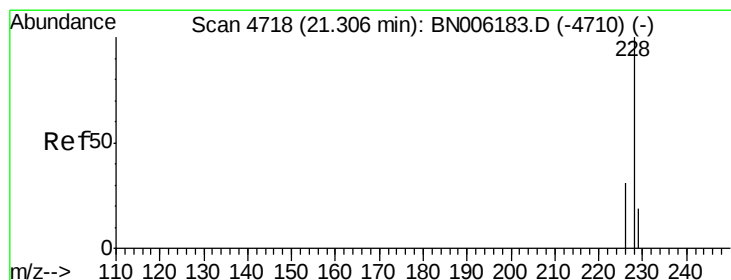
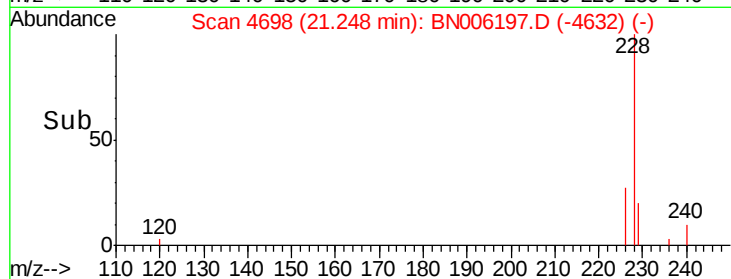
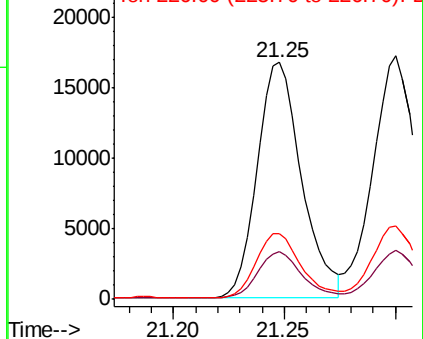
228 100

229 20.0 16.5 24.7

226 27.8 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: 0.437 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.01 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

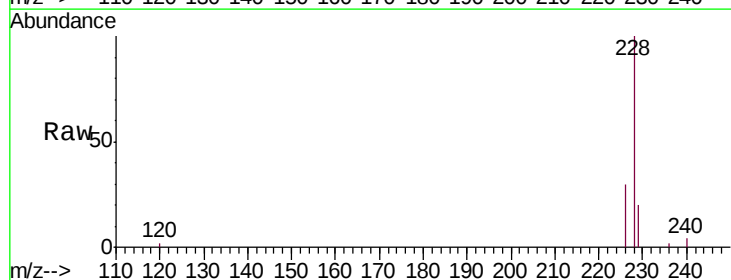
Tgt Ion:228 Resp: 28004

Ion Ratio Lower Upper

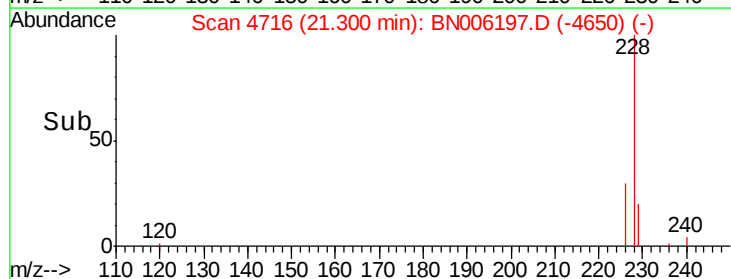
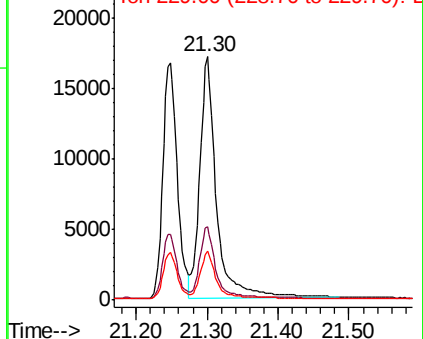
228 100

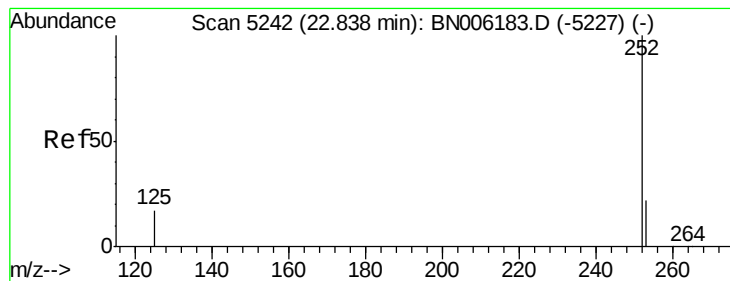
226 30.2 25.0 37.6

229 20.0 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: 0.366 ng/u1

RT: 22.82 min Scan# 5237

Delta R.T. -0.01 min

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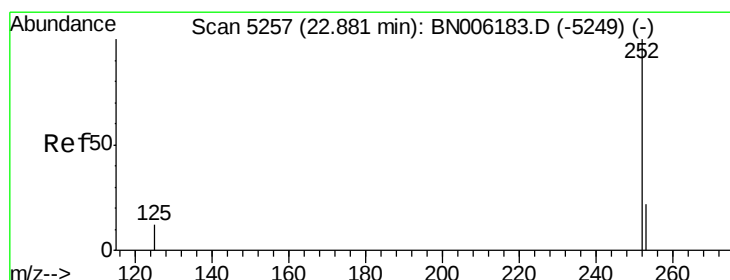
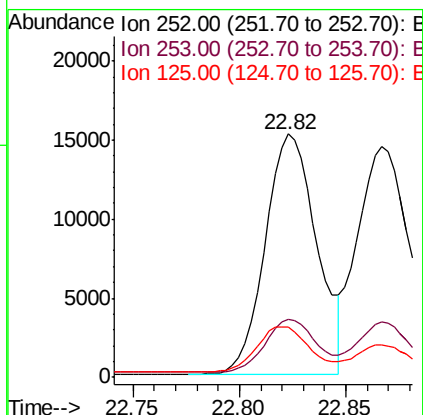
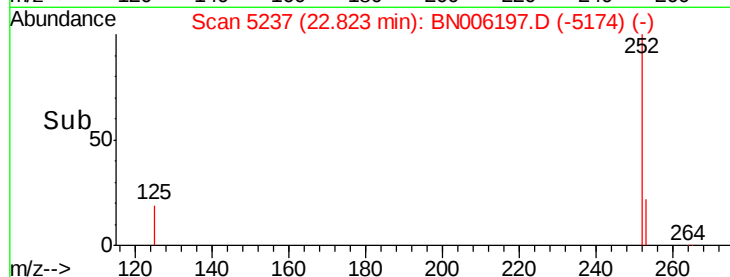
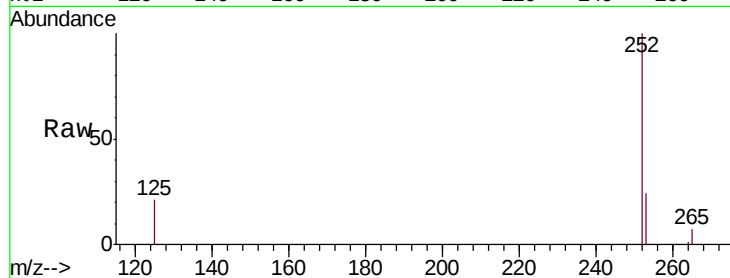
Tgt Ion:252 Resp: 25538

Ion Ratio Lower Upper

252 100

253 23.9 0.0 51.4

125 20.8 0.0 41.0



#22

Benzo(k)fluoranthene

Concen: 0.375 ng/u1

RT: 22.82 min Scan# 5237

Delta R.T. -0.06 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

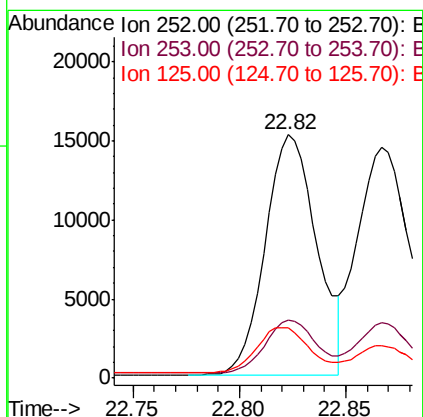
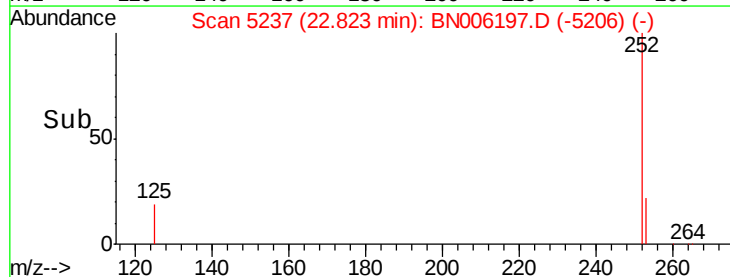
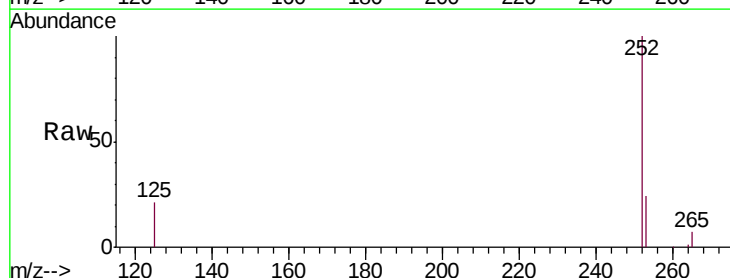
Tgt Ion:252 Resp: 25538

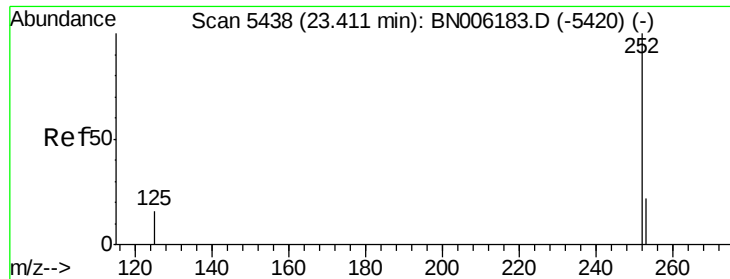
Ion Ratio Lower Upper

252 100

253 23.9 20.3 30.5

125 20.8 14.3 21.5





#23

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. -0.01 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

Instrument :

BNA_N

ClientSampleId :

SSTD0.403

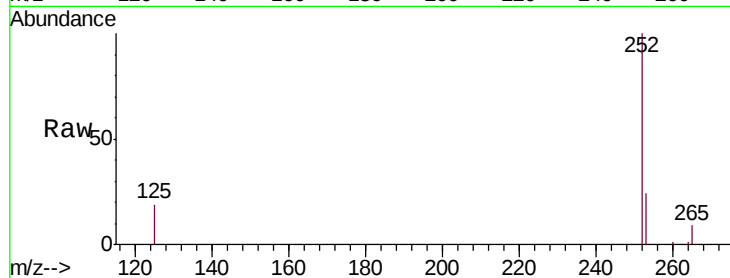
Tgt Ion:252 Resp: 25743

Ion Ratio Lower Upper

252 100

253 23.9 21.1 31.7

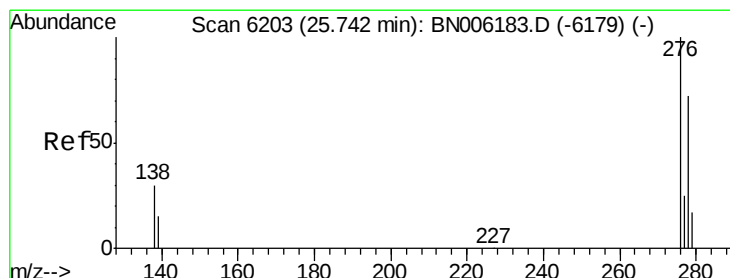
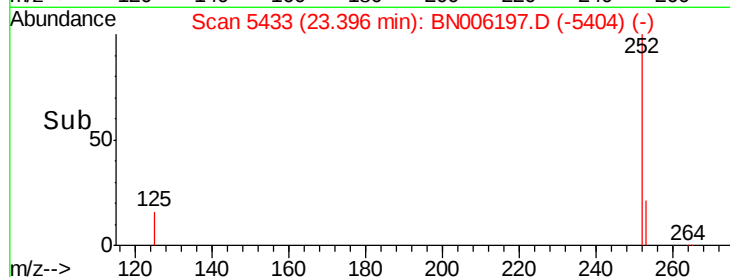
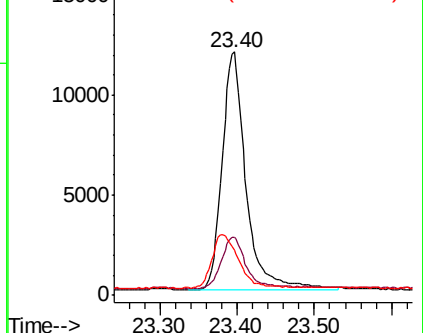
125 18.7 20.3 30.5#



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: 0.415 ng/ul

RT: 25.73 min Scan# 6198

Delta R.T. -0.02 min

Lab File: BN006197.D

Acq: 08 Jun 2019 18:30

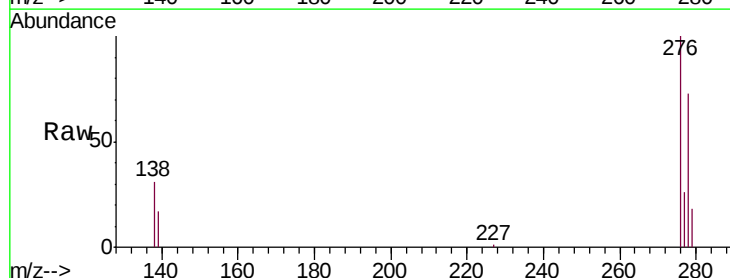
Tgt Ion:276 Resp: 29209

Ion Ratio Lower Upper

276 100

138 30.2 25.6 38.4

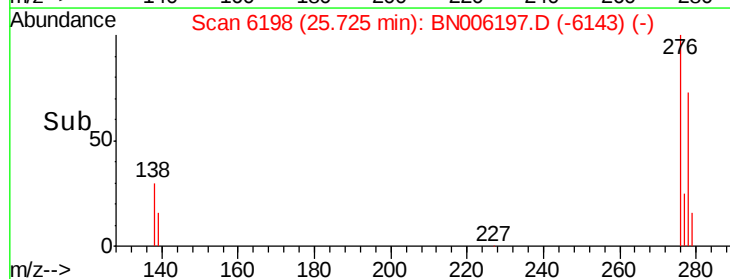
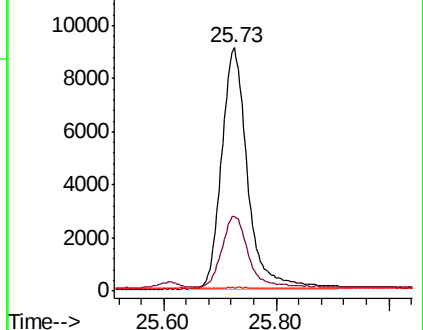
227 0.1 0.3 0.5#

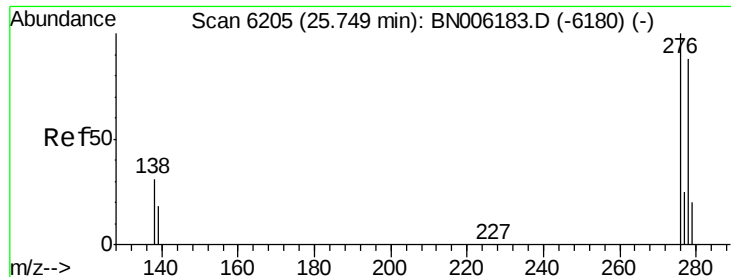


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

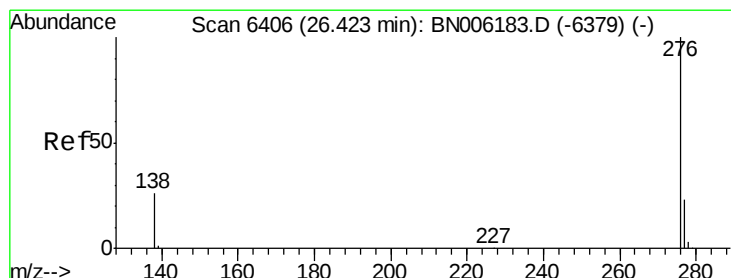
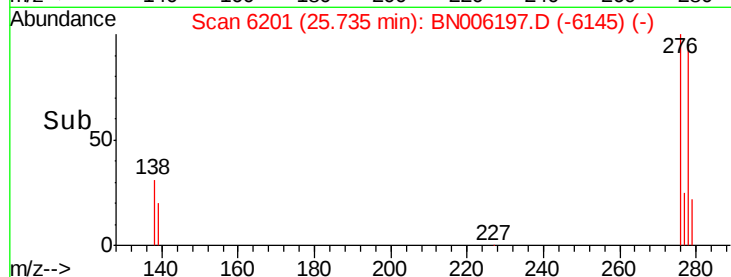
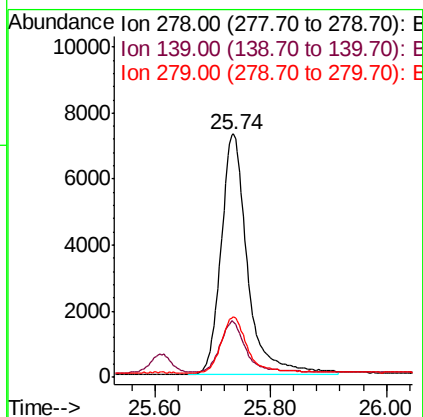
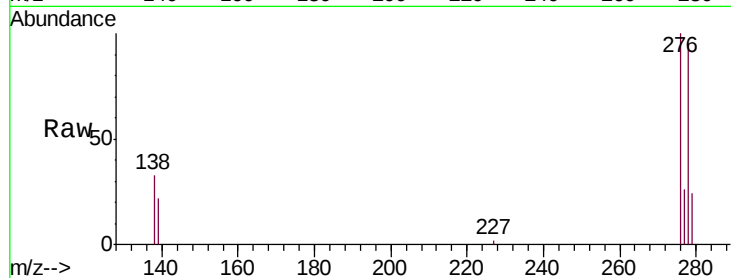




#25
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. -0.01 min
Lab File: BN006197.D
Acq: 08 Jun 2019 18:30

Instrument :
BNA_N
ClientSampleId :
SSTD0.403

Tgt Ion: 278 Resp: 23114
Ion Ratio Lower Upper
278 100
139 22.6 21.2 31.8
279 24.9 22.6 33.8



#26
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 26.40 min Scan# 6400
Delta R.T. -0.02 min
Lab File: BN006197.D
Acq: 08 Jun 2019 18:30

Tgt Ion: 276 Resp: 24760
Ion Ratio Lower Upper
276 100
138 27.5 24.2 36.4
277 24.0 21.5 32.3

