

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008317.D
 Acq On : 22 Oct 2019 16:35
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.446

Quant Time: Oct 22 17:37:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 22 13:04:25 2019
 Response via : Initial Calibration

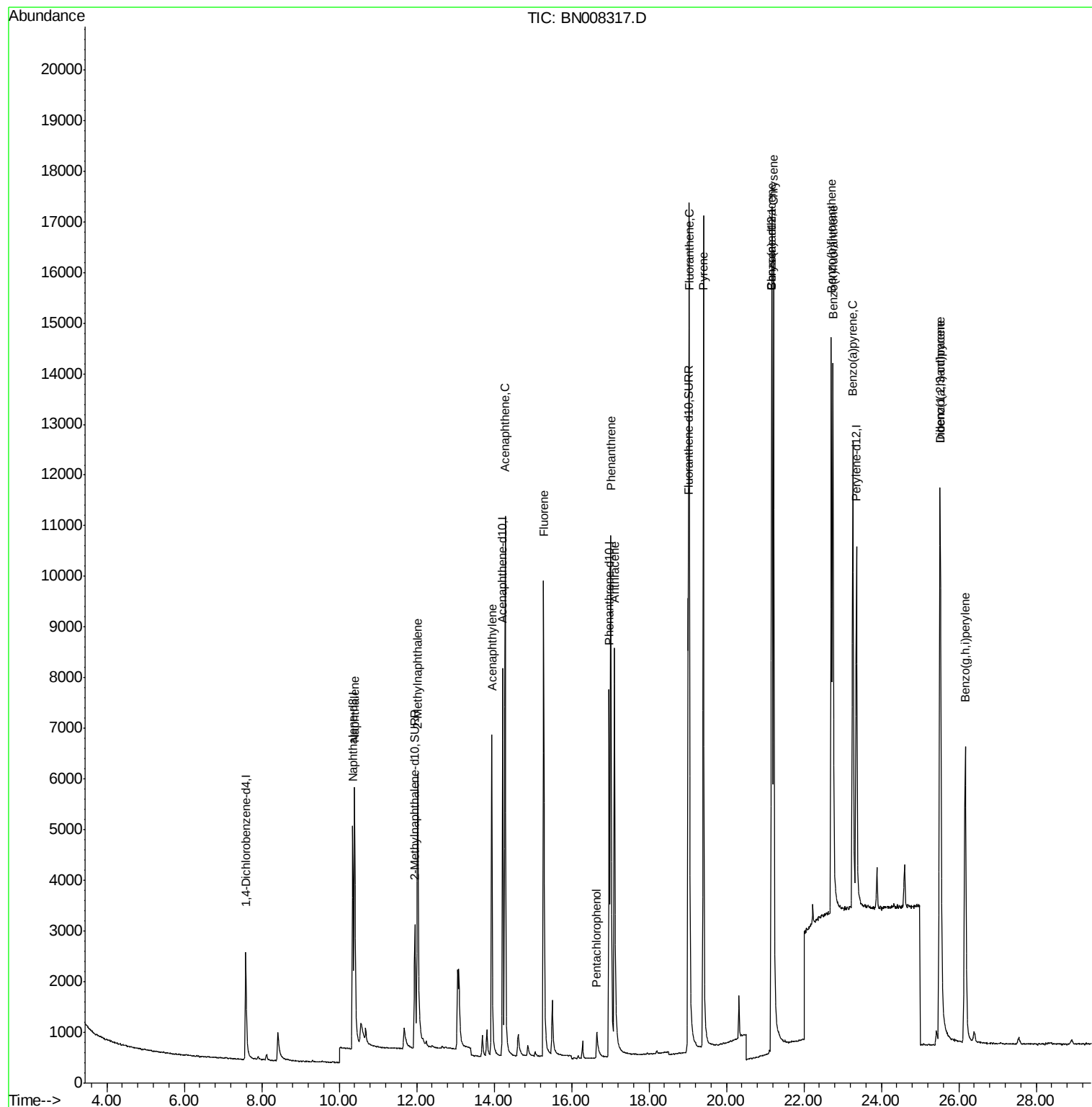
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1621	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7459	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	4984	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	10653	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10185	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10095	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4844	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	13924	0.38	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.40	128	8473	0.399	ng/ul	100
5) 2-Methylnaphthalene	12.02	142	5826	0.400	ng/ul	100
7) Acenaphthylene	13.94	152	8946	0.377	ng/ul	99
8) Acenaphthene	14.28	153	7037	0.381	ng/ul	99
9) Fluorene	15.28	166	7923	0.378	ng/ul	97
11) Pentachlorophenol	16.65	266	806	0.313	ng/ul	98
12) Phenanthrene	17.01	178	13036	0.418	ng/ul	99
13) Anthracene	17.11	178	11832	0.431	ng/ul	99
15) Fluoranthene	19.04	202	16215	0.394	ng/ul	96
17) Pyrene	19.40	202	16967	0.418	ng/ul	98
18) Benzo(a)anthracene	21.16	228	14881	0.402	ng/ul	99
19) Chrysene	21.22	228	17612	0.388	ng/ul	100
21) Benzo(b)fluoranthene	22.71	252	14828	0.451	ng/ul	98
22) Benzo(k)fluoranthene	22.75	252	15965	0.429	ng/ul	99
23) Benzo(a)pyrene	23.26	252	14449	0.418	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.51	276	14923	0.366	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.52	278	12159	0.378	ng/ul	99
26) Benzo(g,h,i)perylene	26.16	276	12771	0.342	ng/ul	98

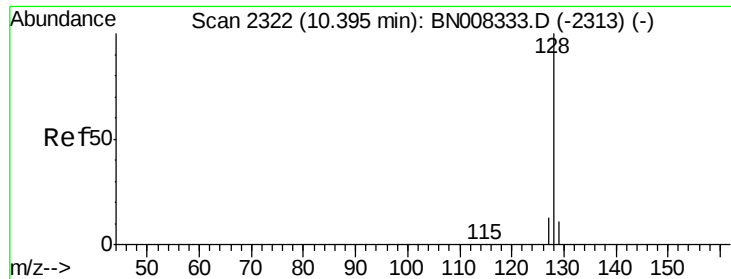
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008317.D
Acq On : 22 Oct 2019 16:35
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.446

Quant Time: Oct 22 17:37:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 13:04:25 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.399 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.446

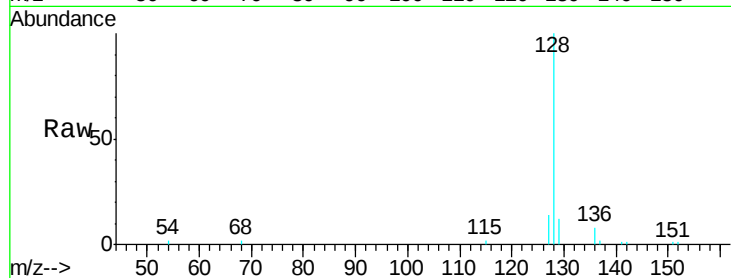
Tgt Ion:128 Resp: 8473

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.8

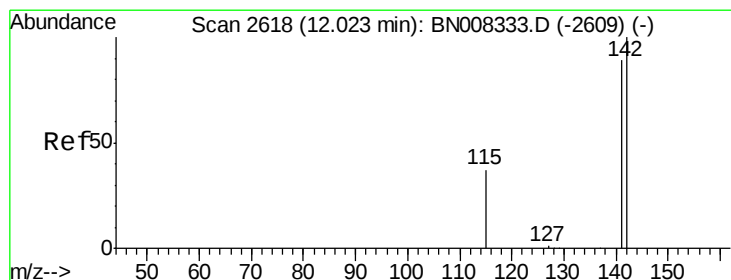
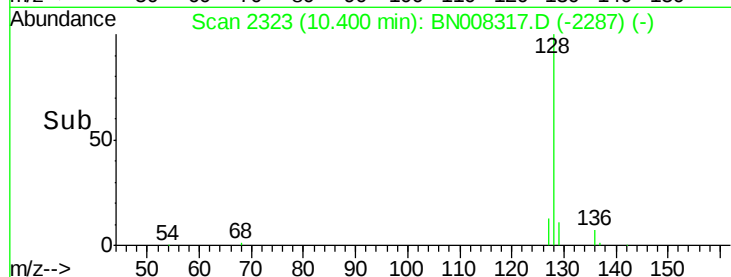
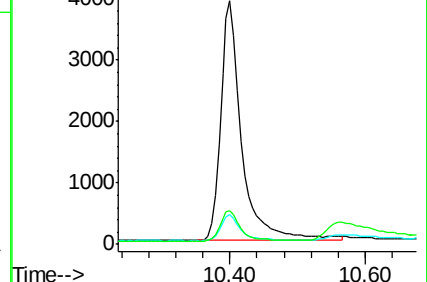
127 13.8 11.1 16.7



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: 0.400 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008317.D

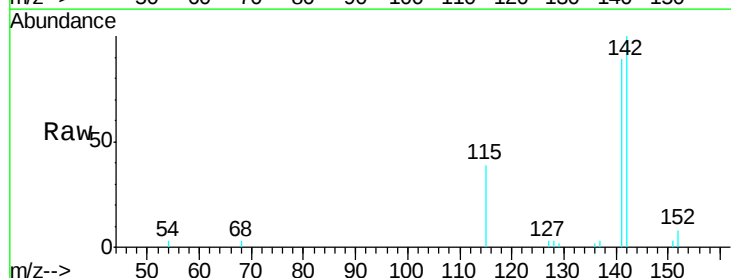
Acq: 22 Oct 2019 16:35

Tgt Ion:142 Resp: 5826

Ion Ratio Lower Upper

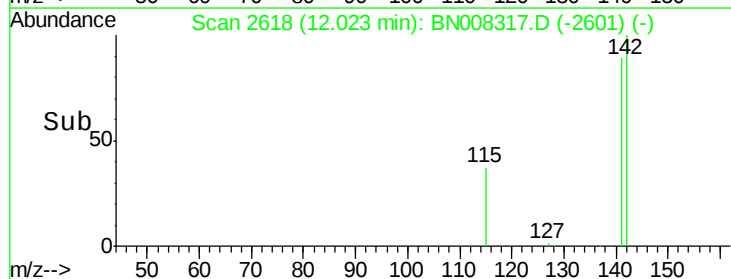
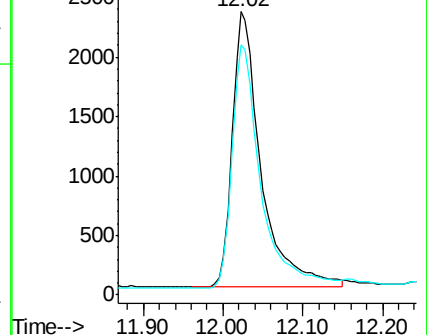
142 100

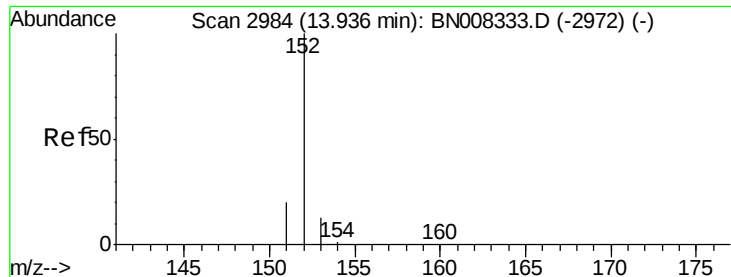
141 89.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.377 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.446

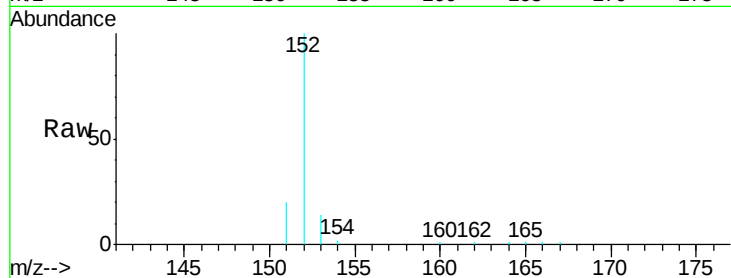
Tgt Ion:152 Resp: 8946

Ion Ratio Lower Upper

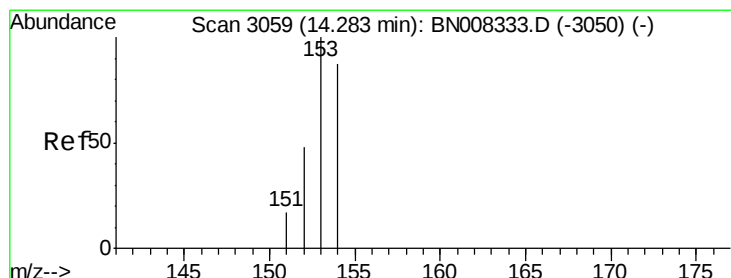
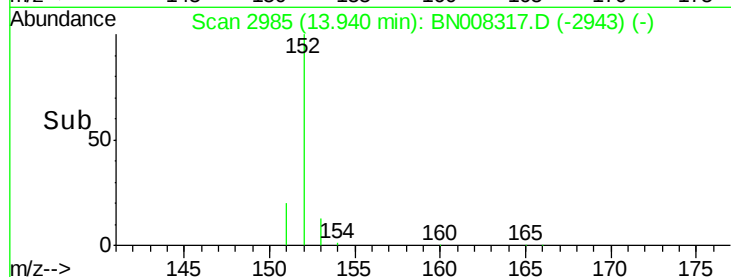
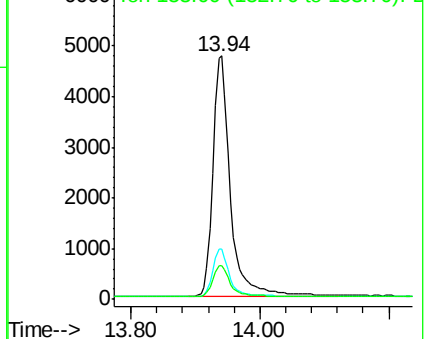
152 100

151 20.4 16.2 24.4

153 14.1 11.0 16.4



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: 0.381 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

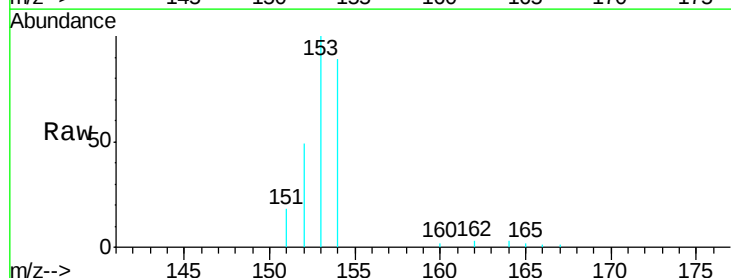
Tgt Ion:153 Resp: 7037

Ion Ratio Lower Upper

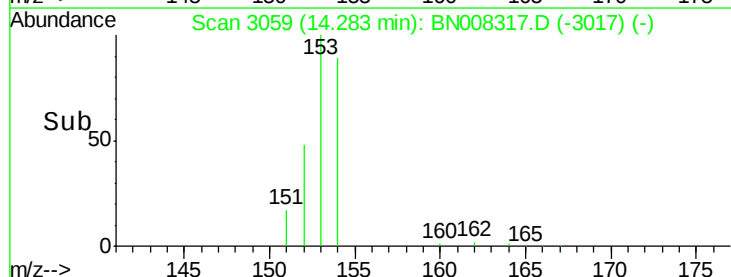
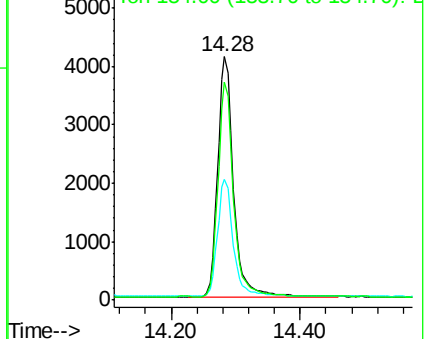
153 100

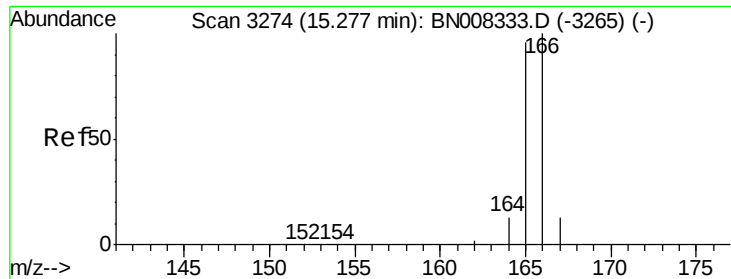
152 49.4 38.2 57.2

154 89.3 71.8 107.8



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

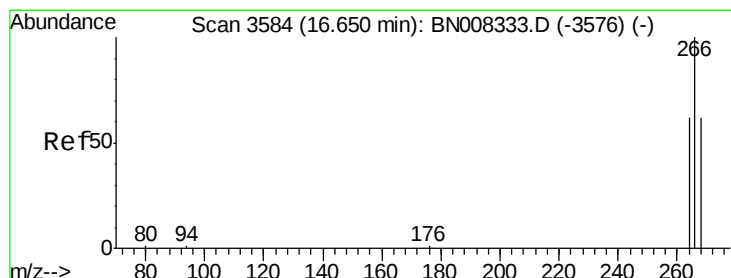
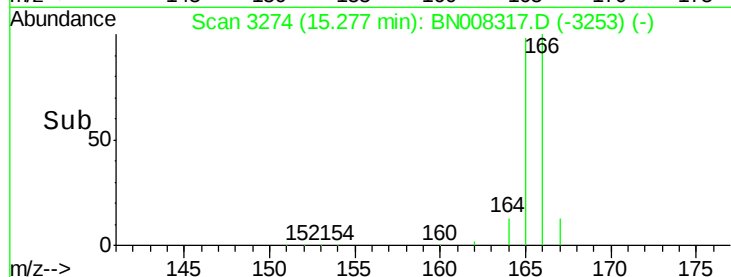
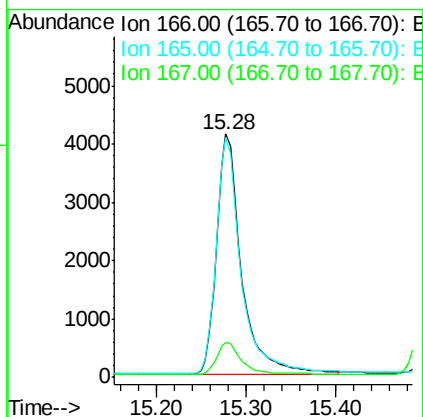
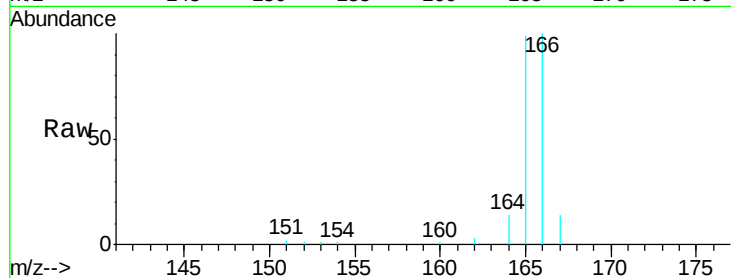




#9
Fluorene
 Concen: 0.378 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008317.D
 Acq: 22 Oct 2019 16:35

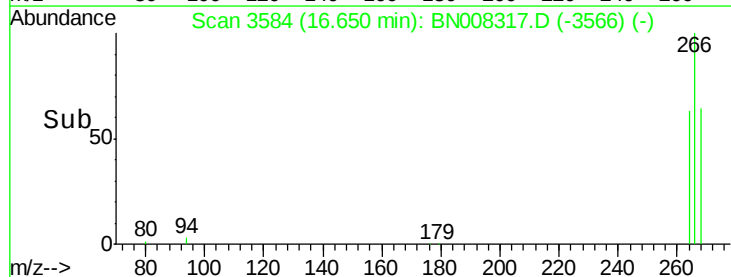
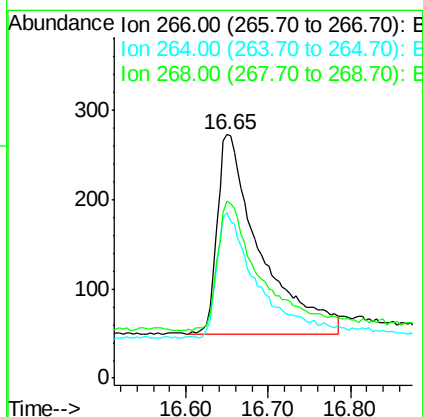
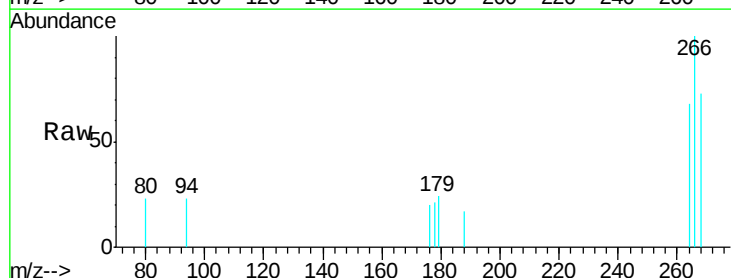
Instrument :
 BNA_N
 ClientSampleId :
 SST0.446

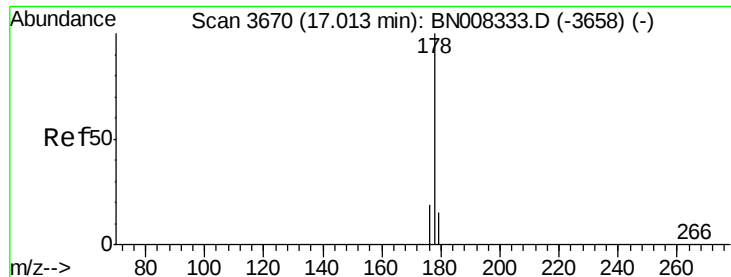
Tgt Ion:166 Resp: 7923
 Ion Ratio Lower Upper
 166 100
 165 98.6 76.6 115.0
 167 14.3 11.7 17.5



#11
Pentachlorophenol
 Concen: 0.313 ng/ul
 RT: 16.65 min Scan# 3584
 Delta R.T. -0.03 min
 Lab File: BN008317.D
 Acq: 22 Oct 2019 16:35

Tgt Ion:266 Resp: 806
 Ion Ratio Lower Upper
 266 100
 264 61.7 50.1 75.1
 268 66.4 51.9 77.9





#12

Phenanthrene

Concen: 0.418 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.446

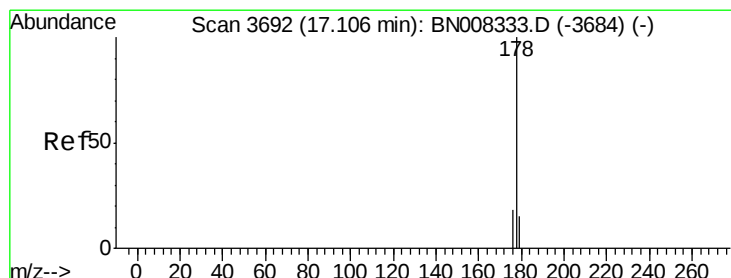
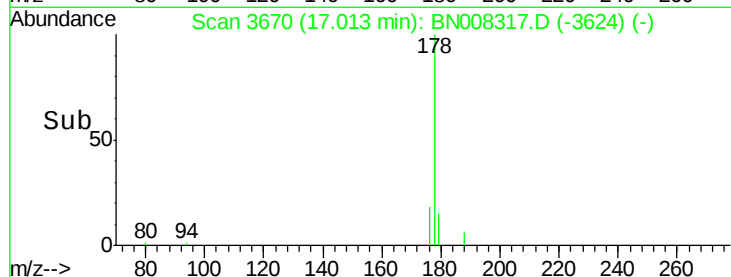
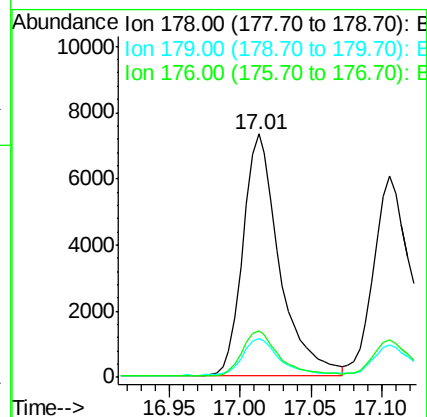
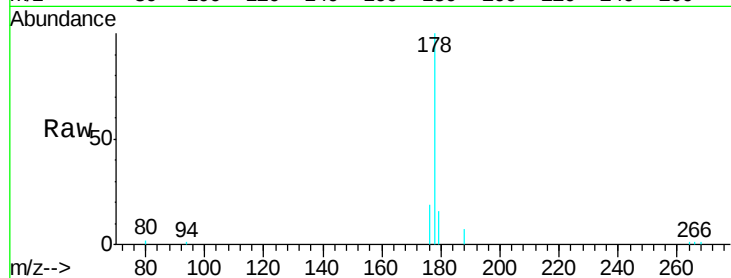
Tgt Ion:178 Resp: 13036

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 18.9 15.4 23.2



#13

Anthracene

Concen: 0.431 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

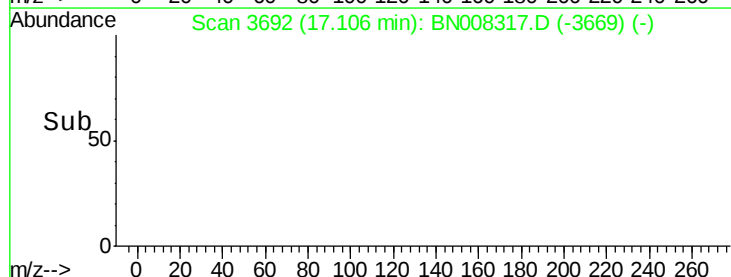
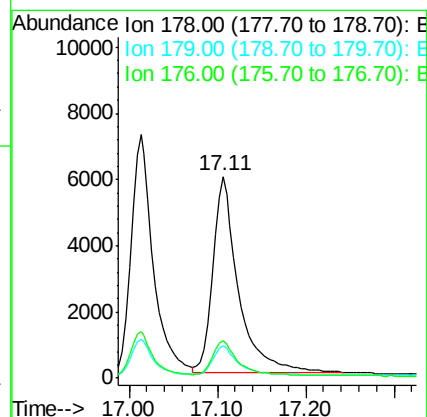
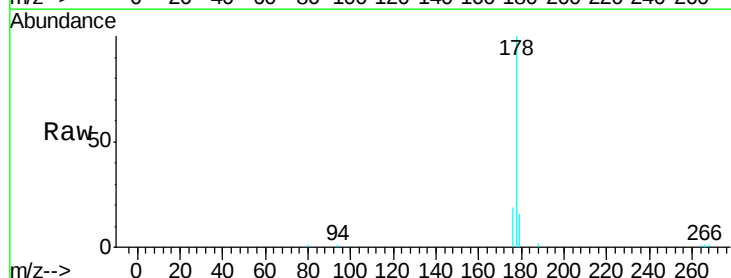
Tgt Ion:178 Resp: 11832

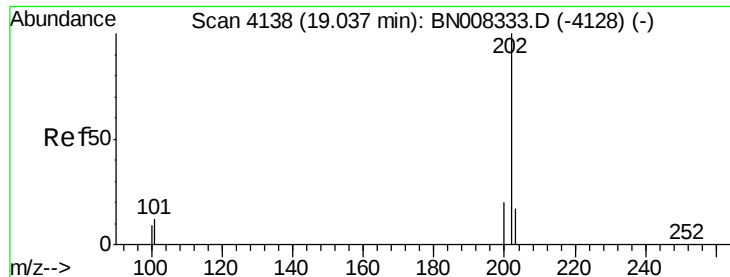
Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

176 18.6 15.0 22.6





#15

Fluoranthene

Concen: 0.394 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.446

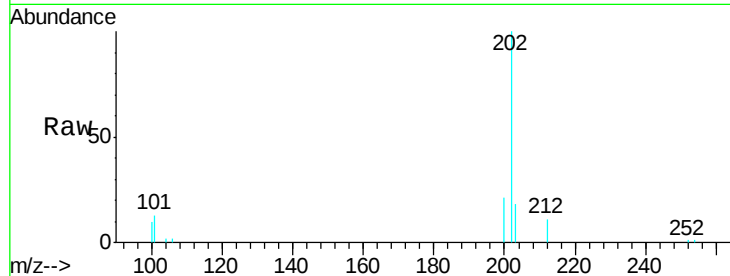
Tgt Ion:202 Resp: 16215

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.2

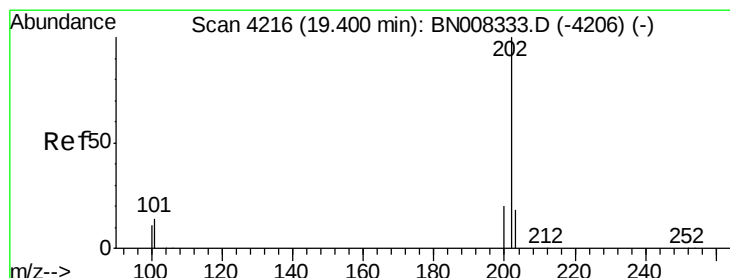
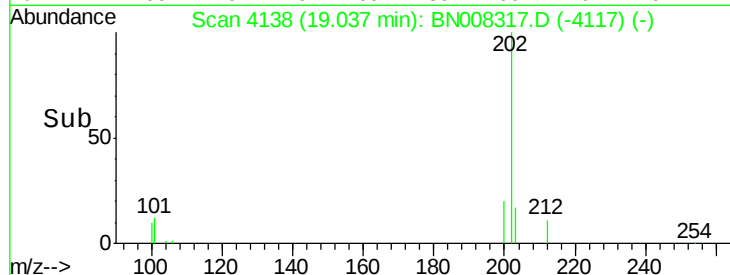
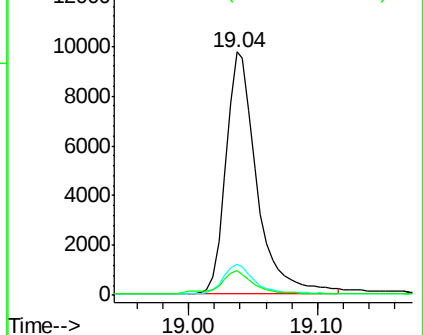
100 10.1 0.0 28.5



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: 0.418 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

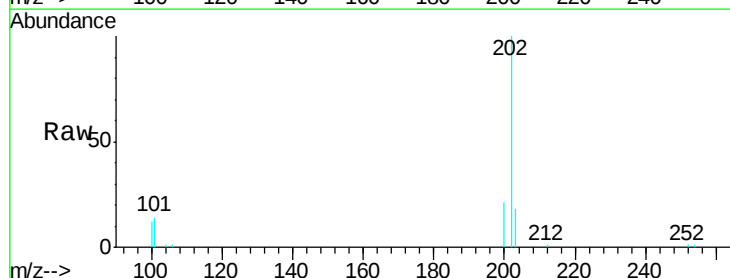
Tgt Ion:202 Resp: 16967

Ion Ratio Lower Upper

202 100

101 14.1 10.9 16.3

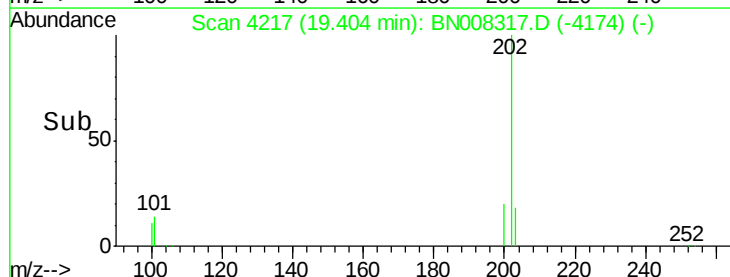
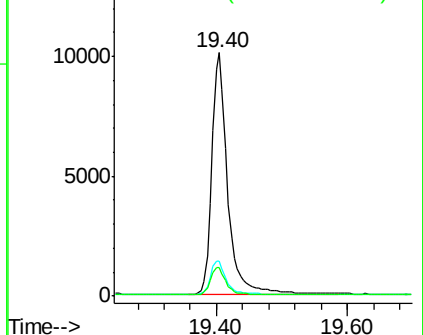
100 11.6 8.7 13.1

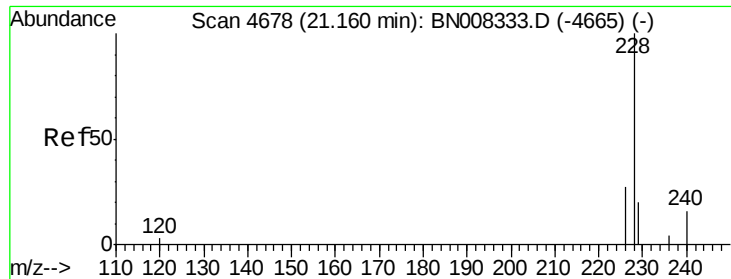


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.402 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.446

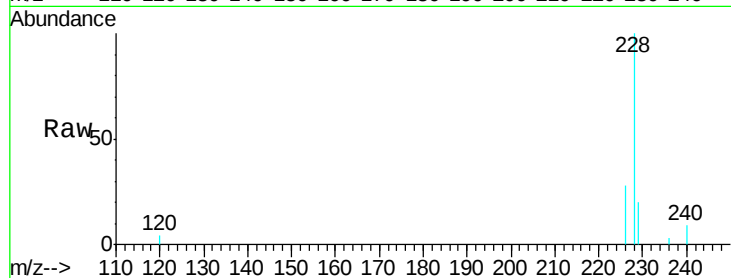
Tgt Ion:228 Resp: 14881

Ion Ratio Lower Upper

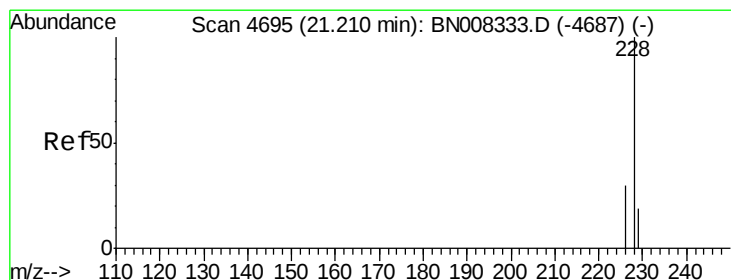
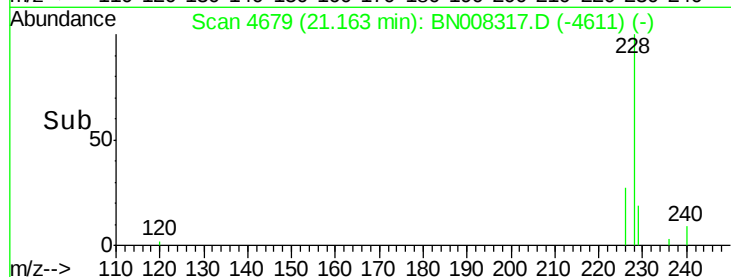
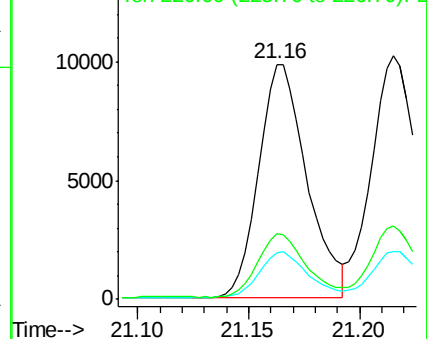
228 100

229 20.0 16.2 24.2

226 27.8 21.4 32.0



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: 0.388 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

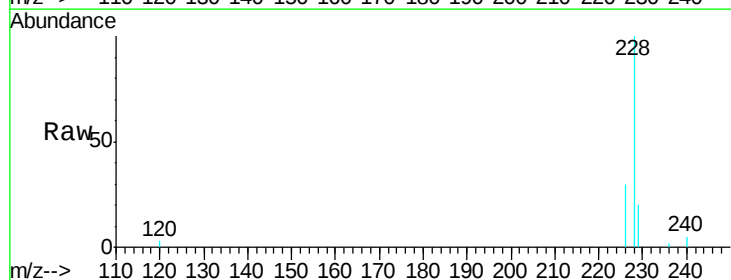
Tgt Ion:228 Resp: 17612

Ion Ratio Lower Upper

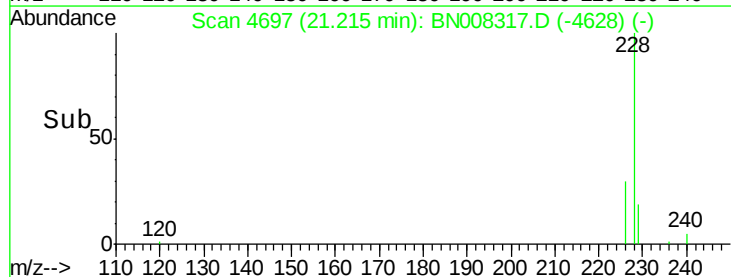
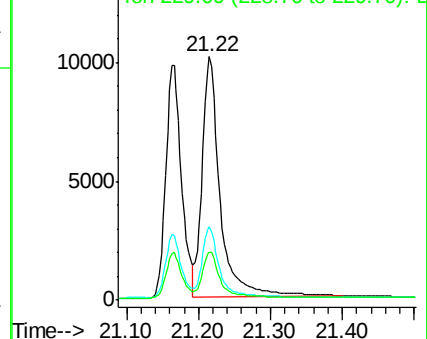
228 100

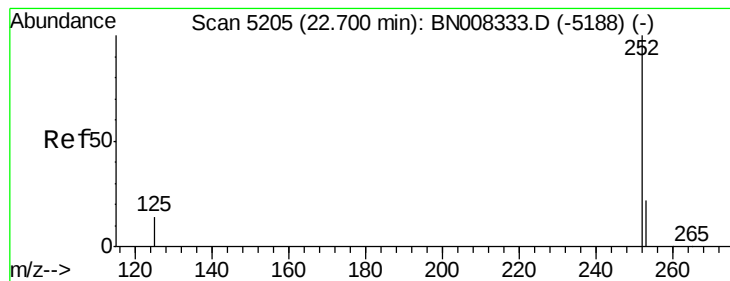
226 30.0 24.1 36.1

229 19.9 16.2 24.2



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: 0.451 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.446

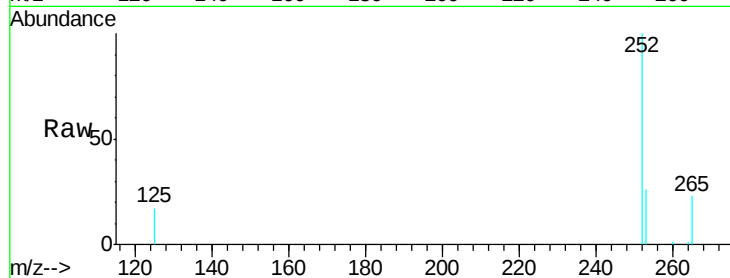
Tgt Ion:252 Resp: 14828

Ion Ratio Lower Upper

252 100

253 25.7 0.0 53.4

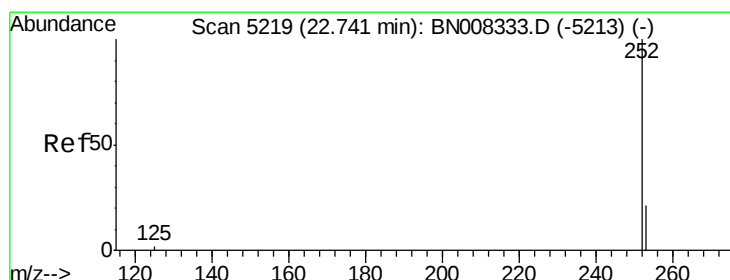
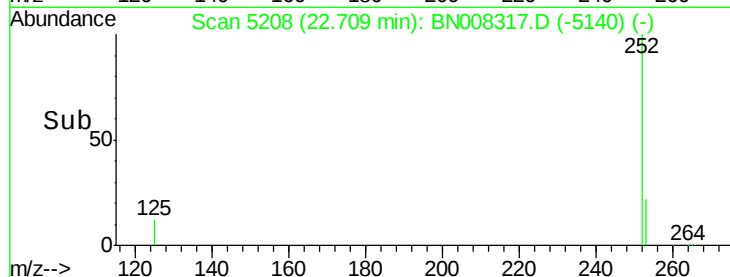
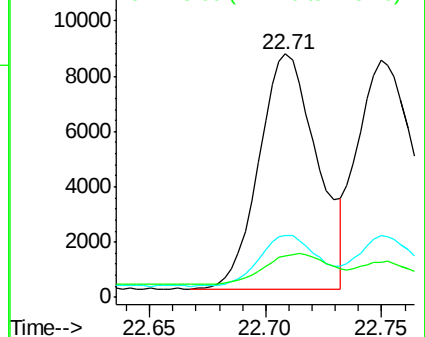
125 16.9 0.0 32.4



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: 0.429 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

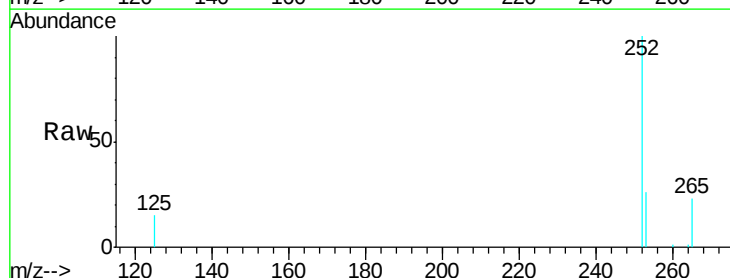
Tgt Ion:252 Resp: 15965

Ion Ratio Lower Upper

252 100

253 25.9 21.3 31.9

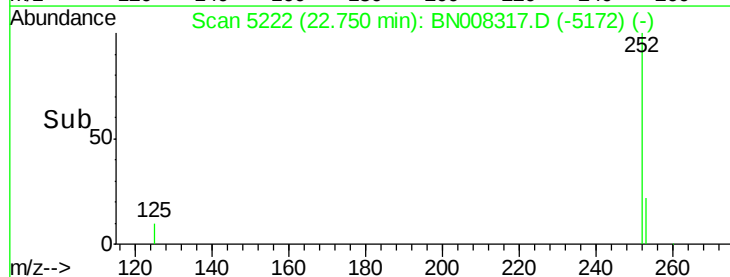
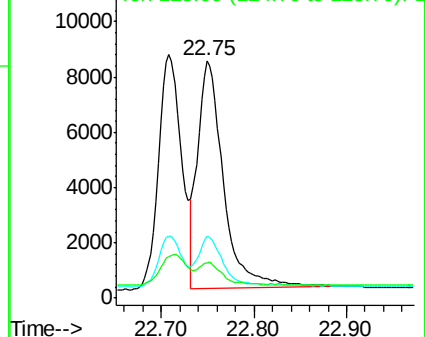
125 14.7 12.3 18.5

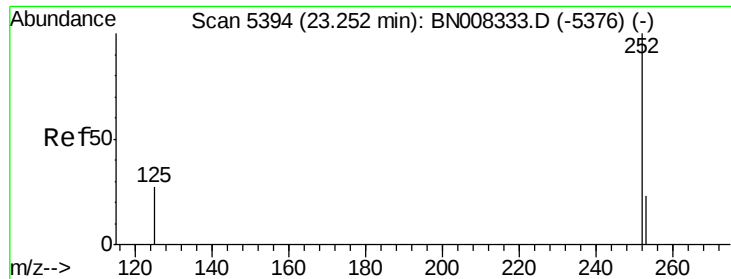


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.418 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. 0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.446

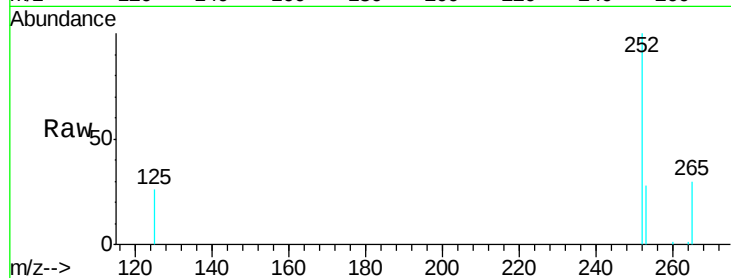
Tgt Ion:252 Resp: 14449

Ion Ratio Lower Upper

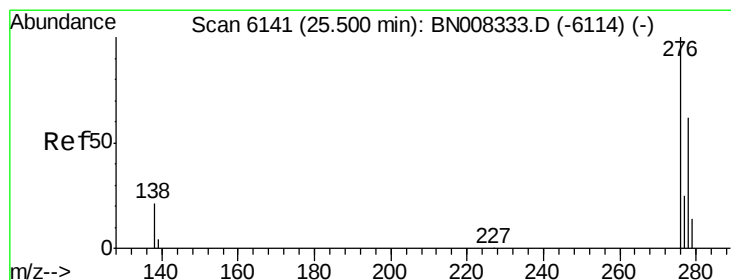
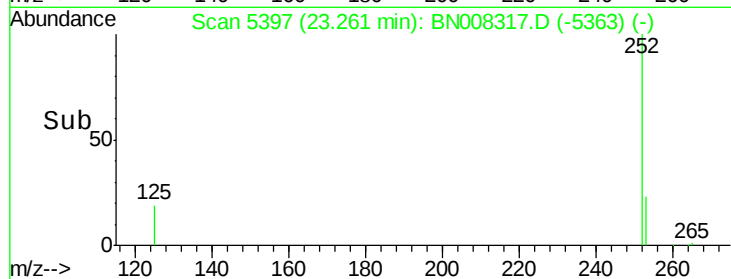
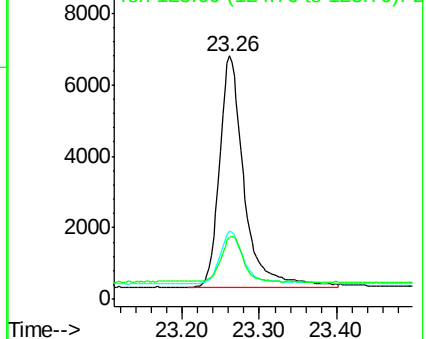
252 100

253 28.1 22.8 34.2

125 25.5 18.4 27.6



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: 0.366 ng/ul

RT: 25.51 min Scan# 6144

Delta R.T. 0.00 min

Lab File: BN008317.D

Acq: 22 Oct 2019 16:35

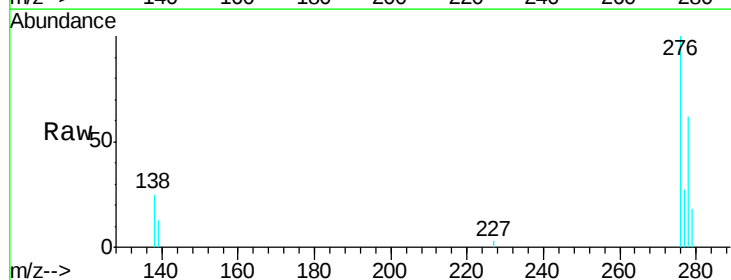
Tgt Ion:276 Resp: 14923

Ion Ratio Lower Upper

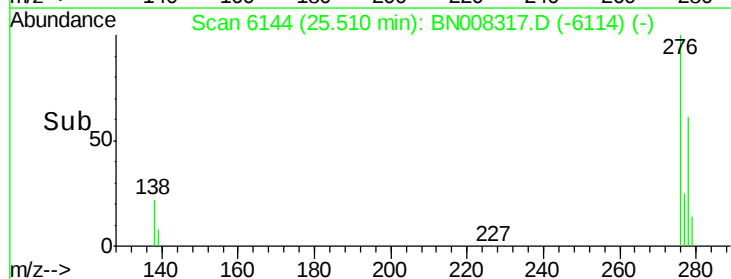
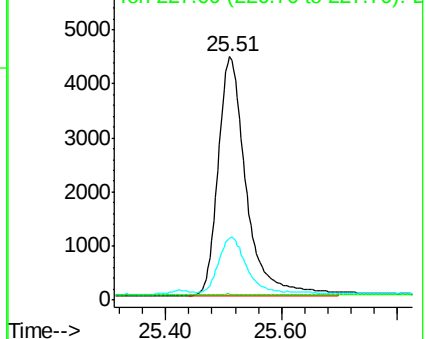
276 100

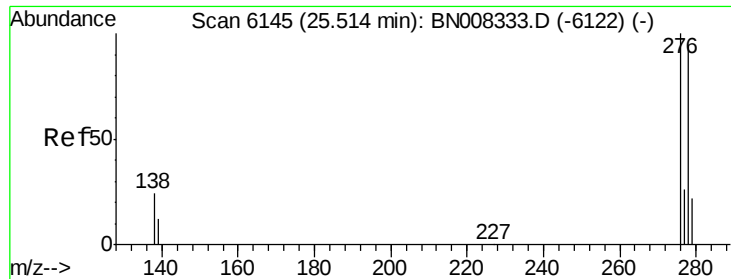
138 23.3 16.1 24.1

227 0.0 0.2 0.2#



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

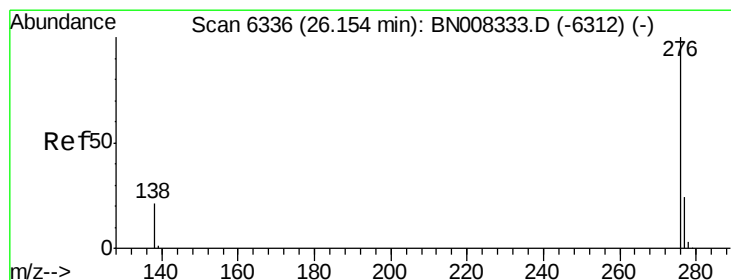
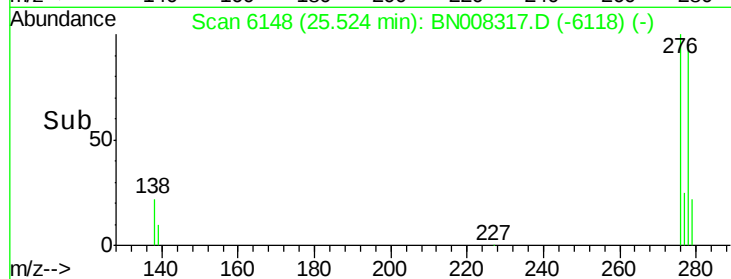
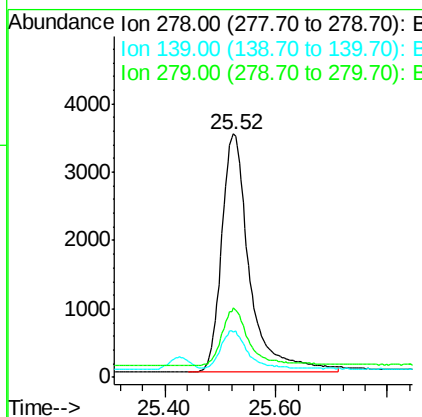
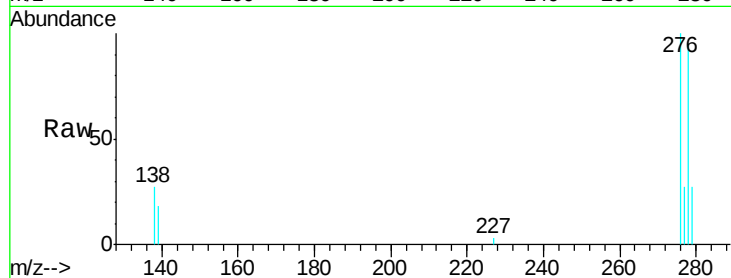




#25
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. 0.00 min
Lab File: BN008317.D
Acq: 22 Oct 2019 16:35

Instrument :
BNA_N
ClientSampleId :
SSTD0.446

Tgt Ion: 278 Resp: 12159
Ion Ratio Lower Upper
278 100
139 18.6 15.0 22.6
279 28.3 22.4 33.6



#26
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008317.D
Acq: 22 Oct 2019 16:35

Tgt Ion: 276 Resp: 12771
Ion Ratio Lower Upper
276 100
138 23.6 17.0 25.4
277 25.4 20.4 30.6

