

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008109.D
 Acq On : 12 Oct 2019 12:21
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:40:31 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 : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

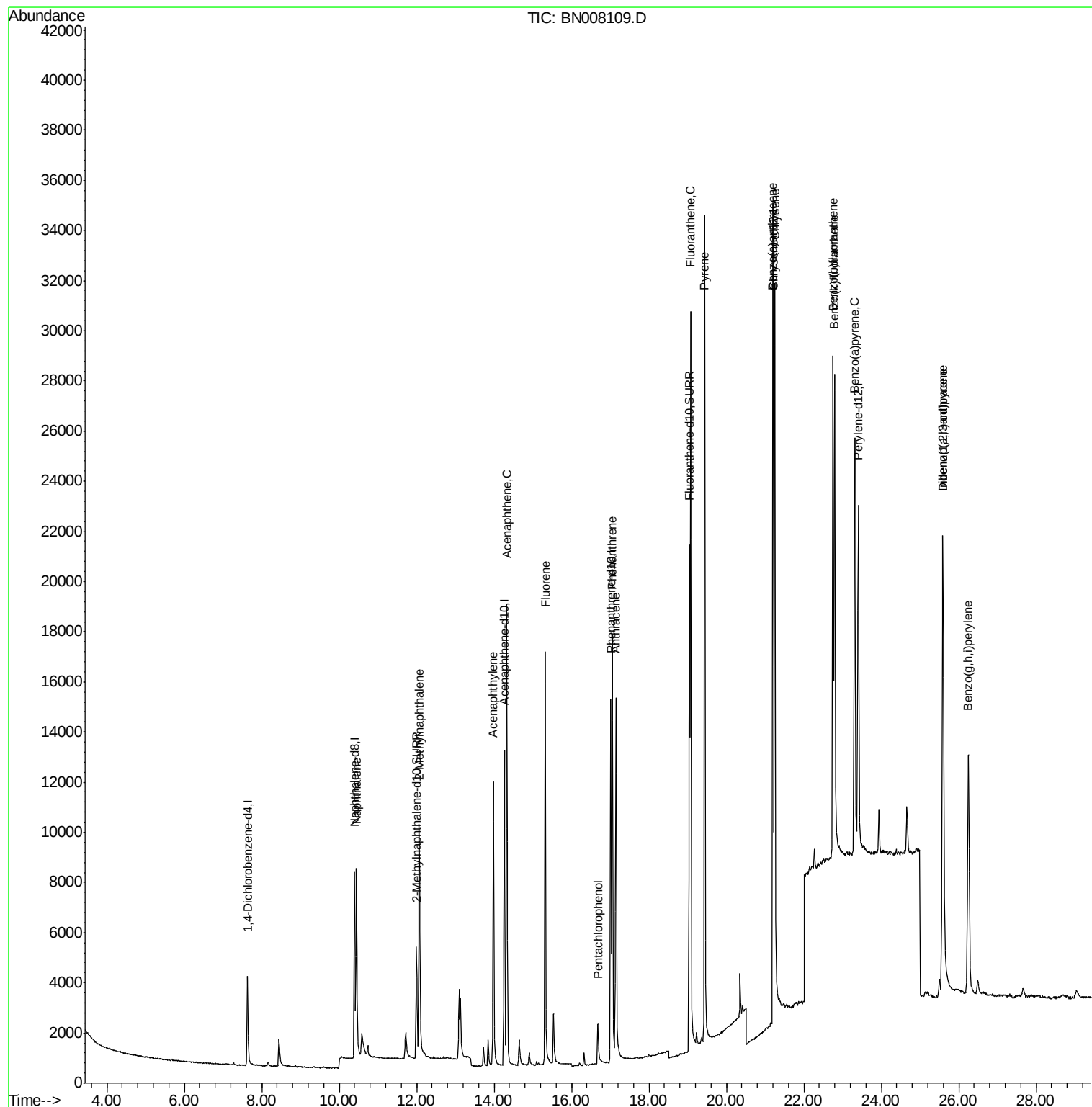
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2279	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	11542	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	18873	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	19793	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	18574	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	7471	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	24745	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	11593	0.353	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	8423	0.374	ng/ul	100
7) Acenaphthylene	13.98	152	14406	0.400	ng/ul	100
8) Acenaphthene	14.32	153	11403	0.407	ng/ul	98
9) Fluorene	15.32	166	11750	0.369	ng/ul	97
11) Pentachlorophenol	16.68	266	1691	0.370	ng/ul	98
12) Phenanthrene	17.05	178	19825	0.359	ng/ul	100
13) Anthracene	17.14	178	18875	0.388	ng/ul	100
15) Fluoranthene	19.07	202	26557	0.364	ng/ul	98
17) Pyrene	19.44	202	30828	0.391	ng/ul	99
18) Benzo(a)anthracene	21.20	228	26812	0.373	ng/ul	97
19) Chrysene	21.25	228	29724	0.337	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	25426	0.421	ng/ul	90
22) Benzo(k)fluoranthene	22.79	252	26814	0.391	ng/ul#	92
23) Benzo(a)pyrene	23.31	252	24588	0.386	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.59	276	24497	0.327	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.60	278	19906	0.336	ng/ul#	88
26) Benzo(g,h,i)perylene	26.25	276	20717	0.301	ng/ul#	92

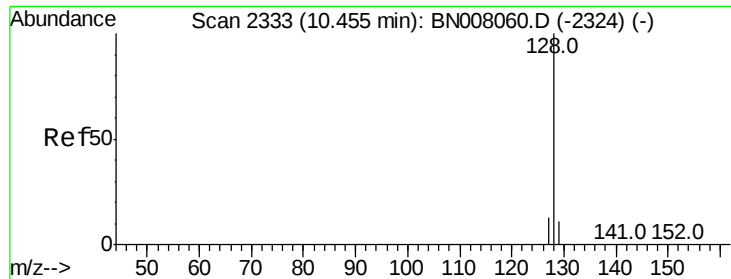
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.353 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

Instrument :

BNA_N

ClientSampleId :

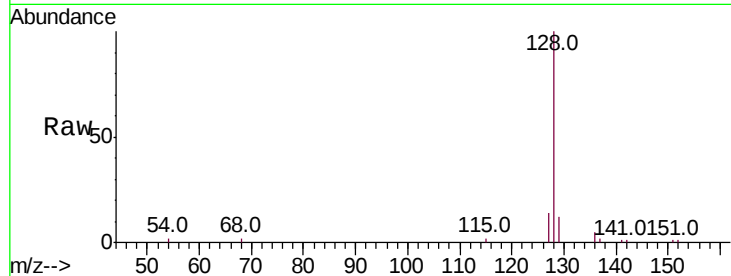
Tot Ion:128 Resp: 11593

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.8

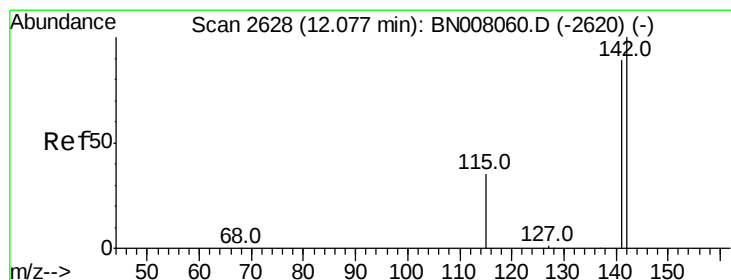
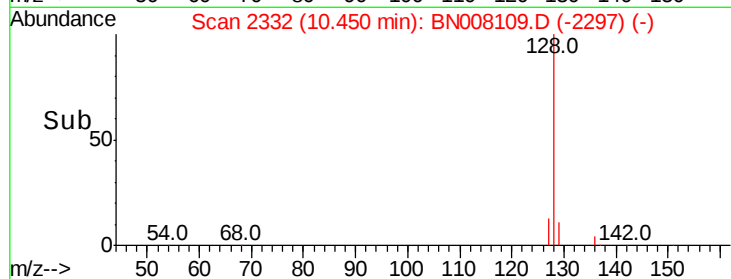
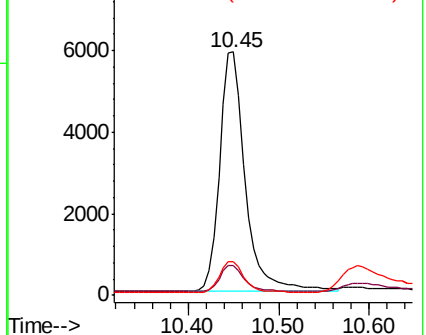
127 13.6 11.1 16.7



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: 0.374 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008109.D

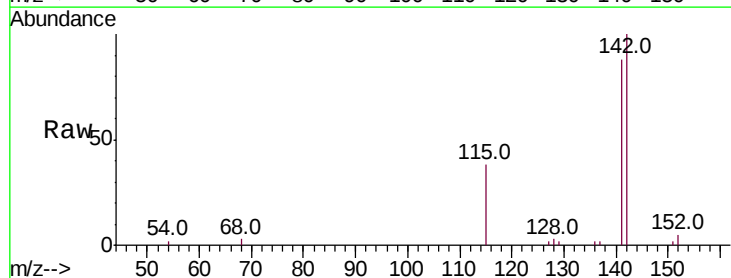
Acq: 12 Oct 2019 12:21

Tgt Ion:142 Resp: 8423

Ion Ratio Lower Upper

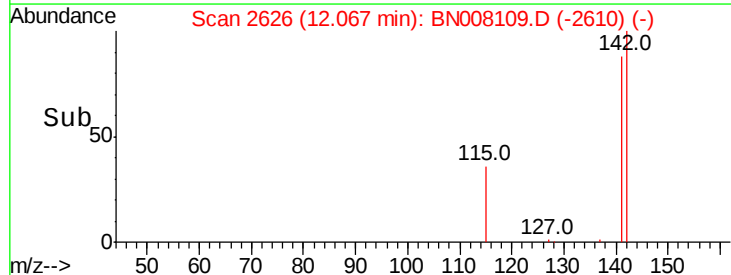
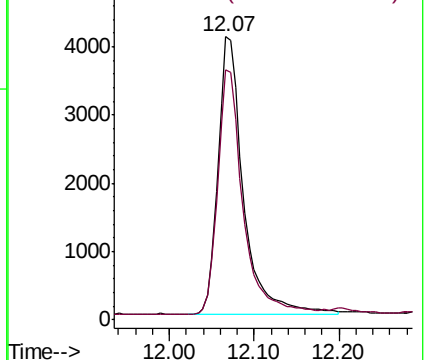
142 100

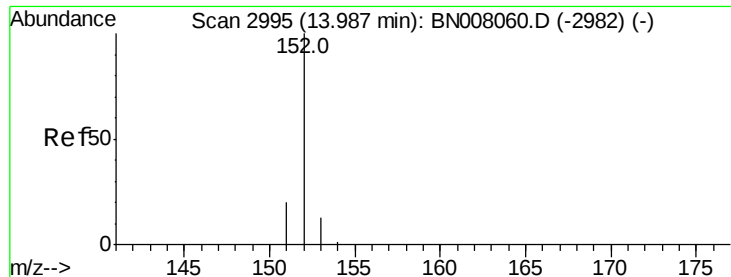
141 89.3 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.400 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

Instrument :

BNA_N

ClientSampled :

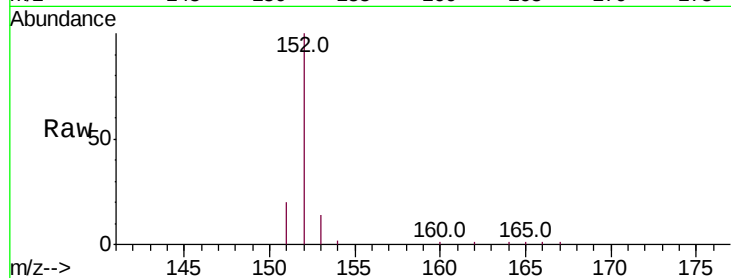
Tot Ion:152 Resp: 14406

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

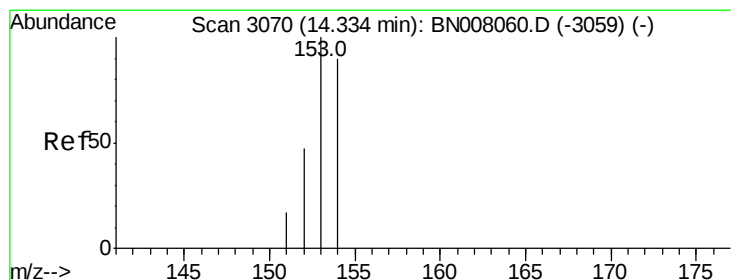
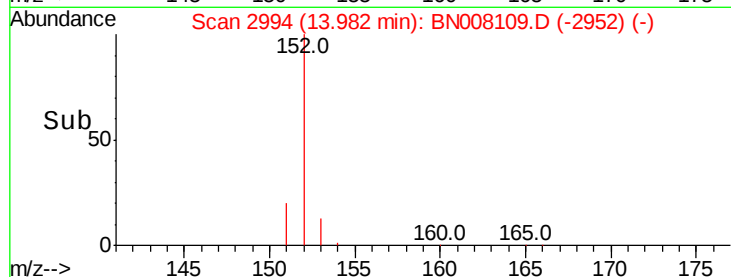
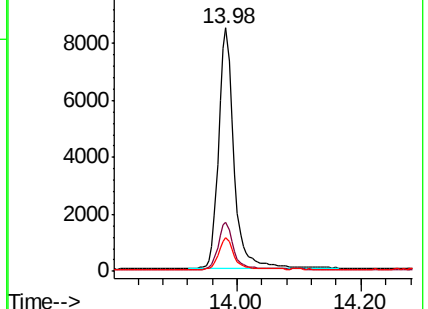
153 14.0 11.0 16.4



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: 0.407 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

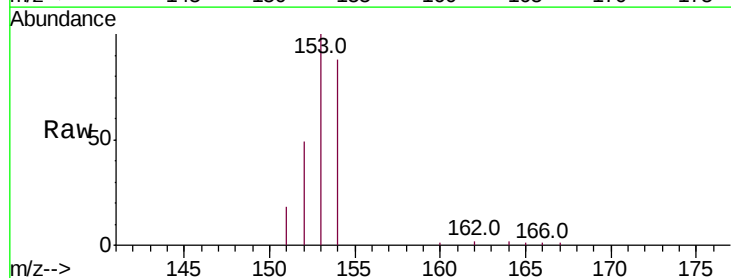
Tgt Ion:153 Resp: 11403

Ion Ratio Lower Upper

153 100

152 48.7 38.2 57.2

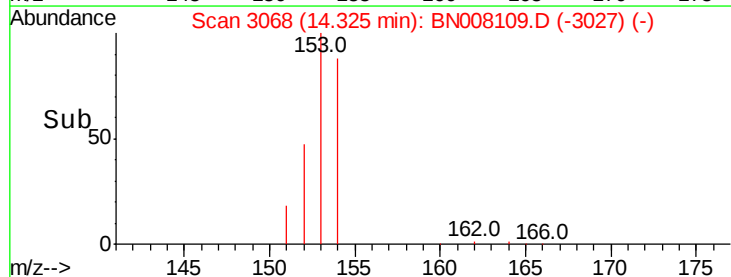
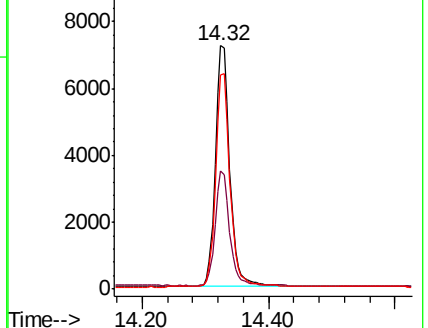
154 88.0 71.8 107.8

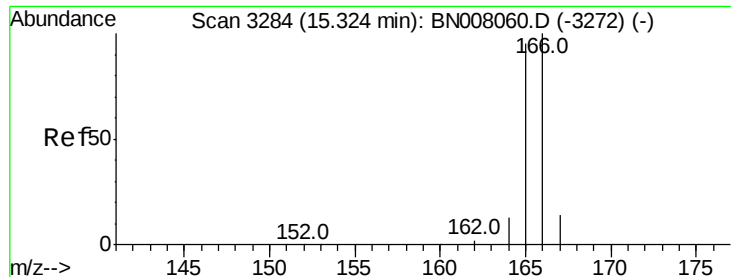


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.369 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

Instrument :

BNA_N

ClientSampleId :

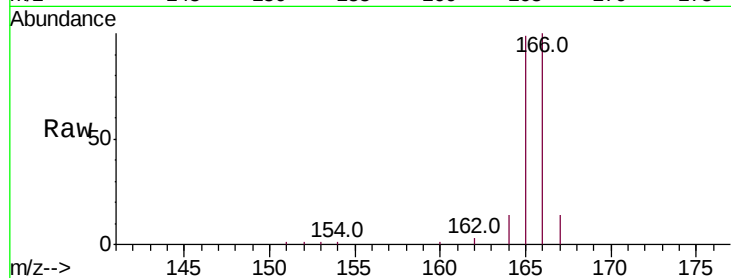
Tot Ion:166 Resp: 11750

Ion Ratio Lower Upper

166 100

165 98.9 76.6 115.0

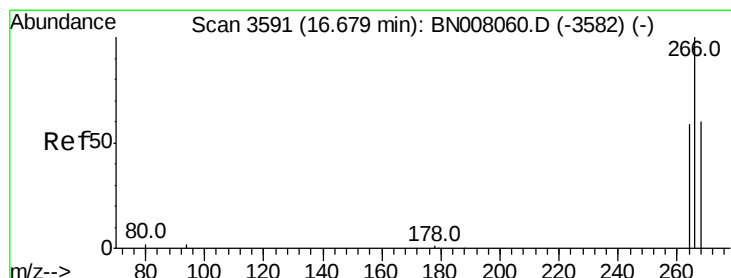
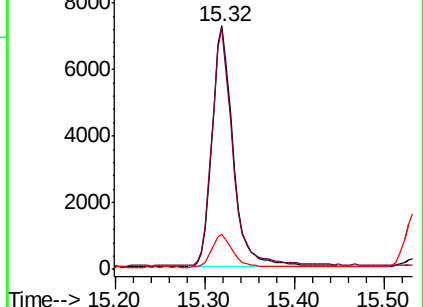
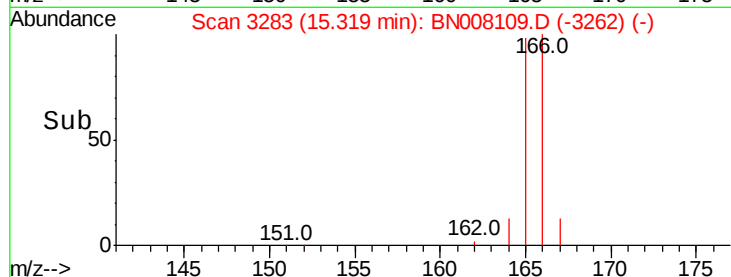
167 14.2 11.7 17.5



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: 0.370 ng/ul

RT: 16.68 min Scan# 3591

Delta R.T. 0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

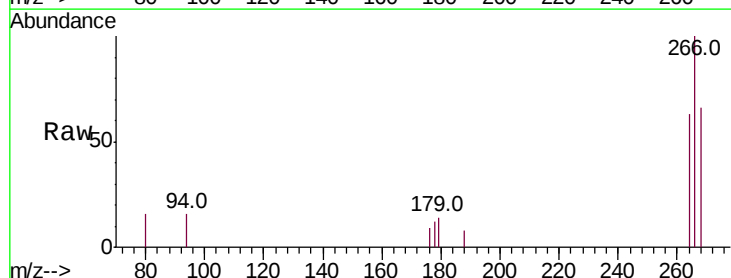
Tgt Ion:266 Resp: 1691

Ion Ratio Lower Upper

266 100

264 61.2 50.1 75.1

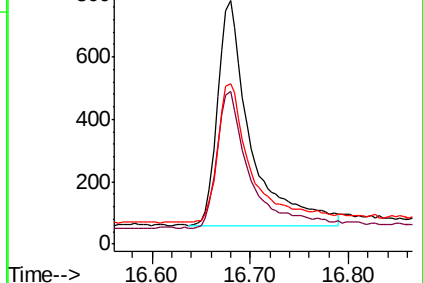
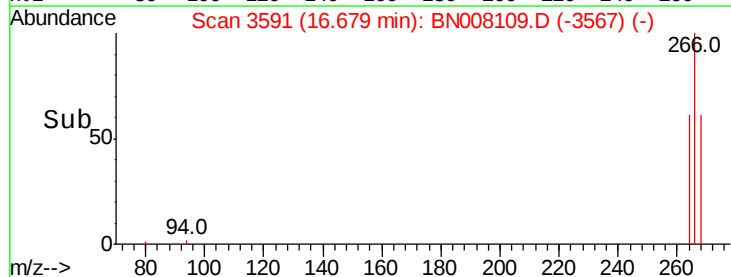
268 62.6 51.9 77.9

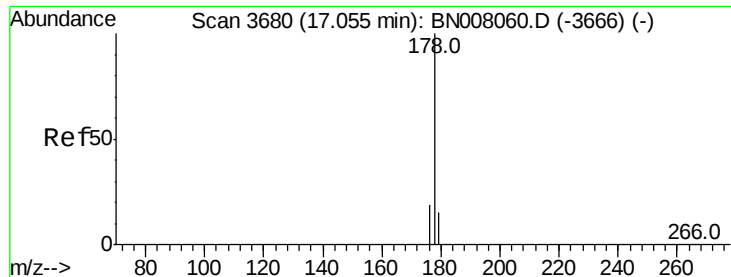


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.359 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

Instrument :

BNA_N

ClientSampleId :

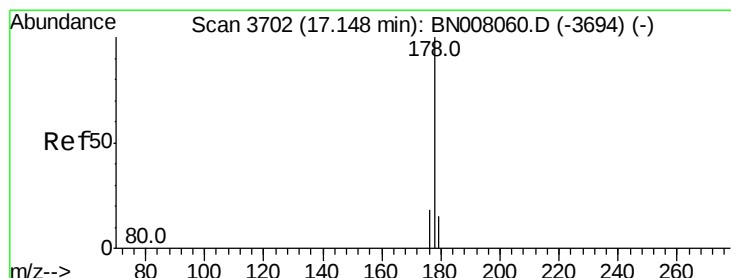
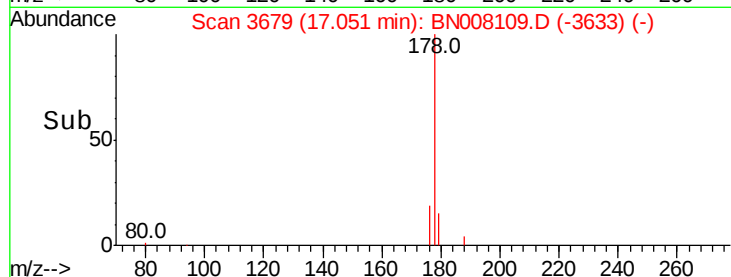
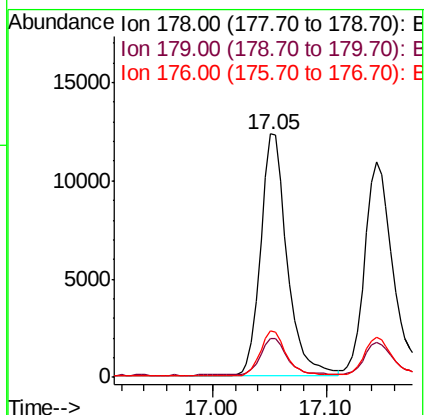
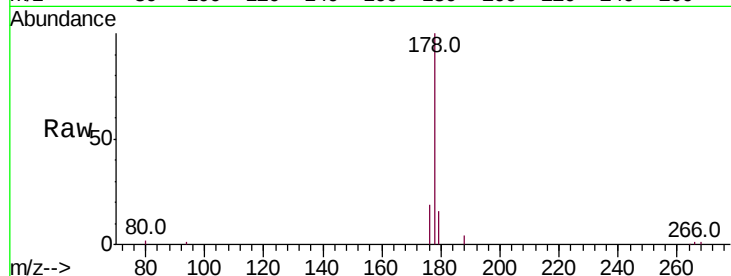
Tot Ion:178 Resp: 19825

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

176 19.3 15.4 23.2



#13

Anthracene

Concen: 0.388 ng/ul

RT: 17.14 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

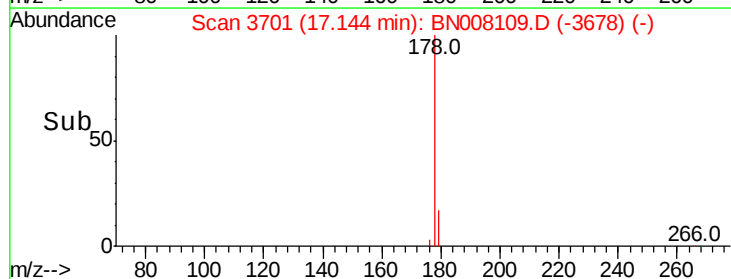
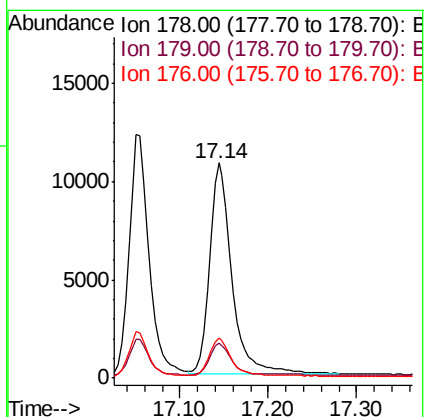
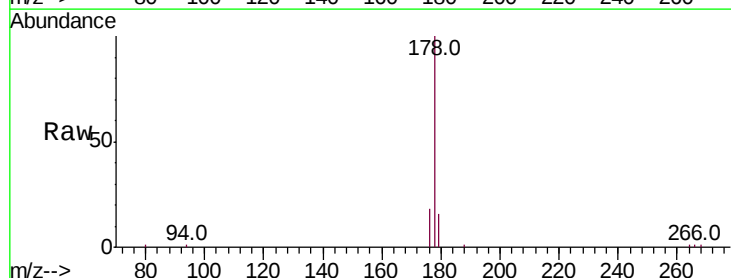
Tgt Ion:178 Resp: 18875

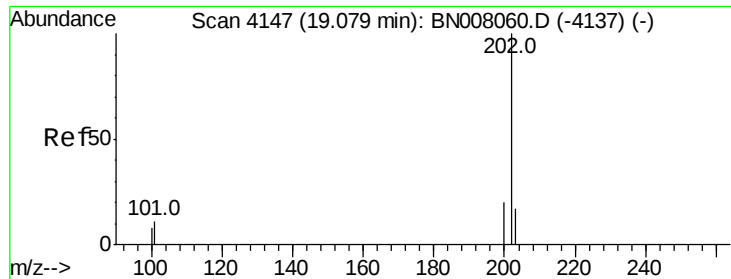
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 18.5 15.0 22.6





#15

Fluoranthene

Concen: 0.364 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

Instrument :

BNA_N

ClientSampleId :

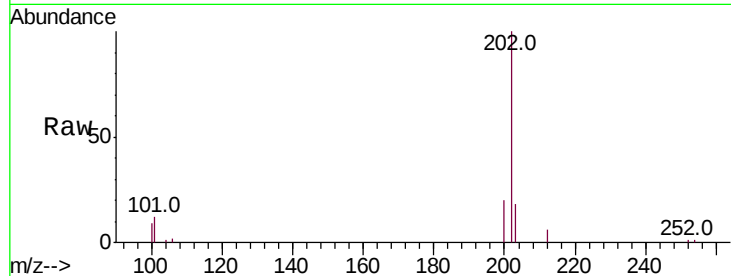
Tot Ion:202 Resp: 26557

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.2

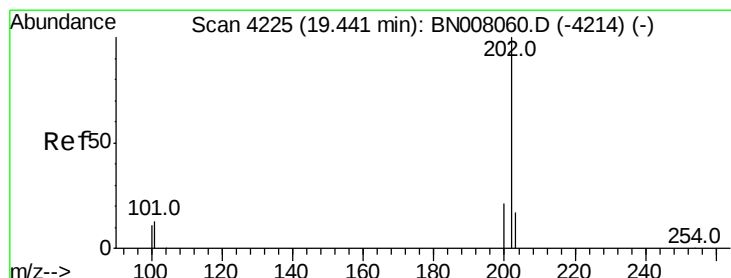
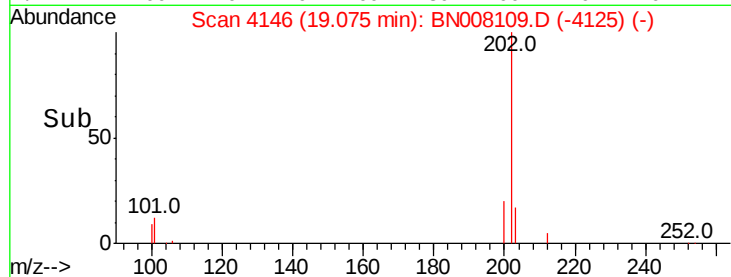
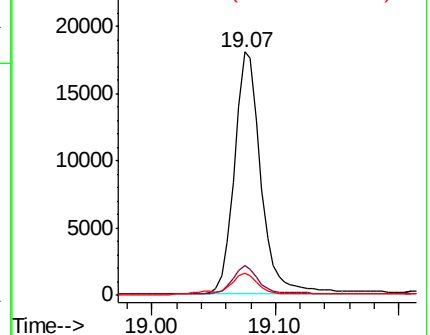
100 9.2 0.0 28.5



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: 0.391 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

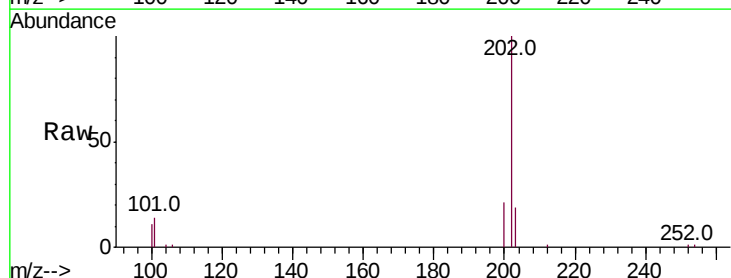
Tgt Ion:202 Resp: 30828

Ion Ratio Lower Upper

202 100

101 14.1 10.9 16.3

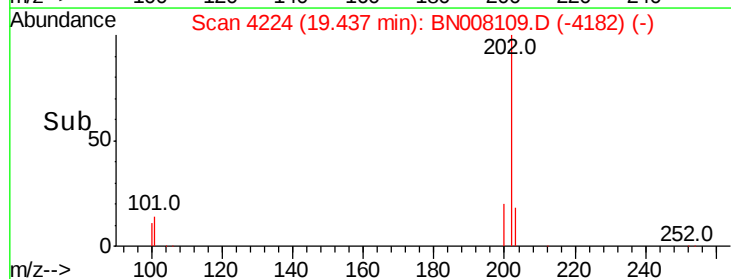
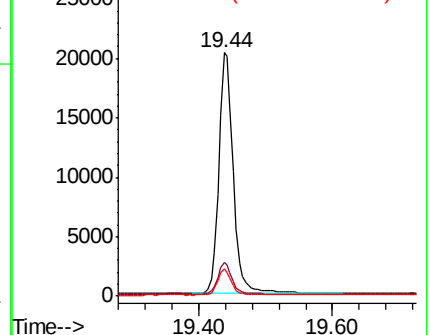
100 11.4 8.7 13.1

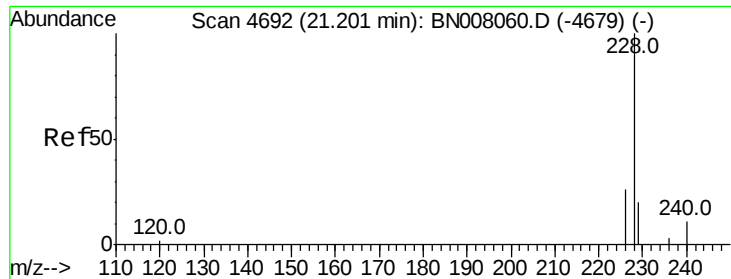


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

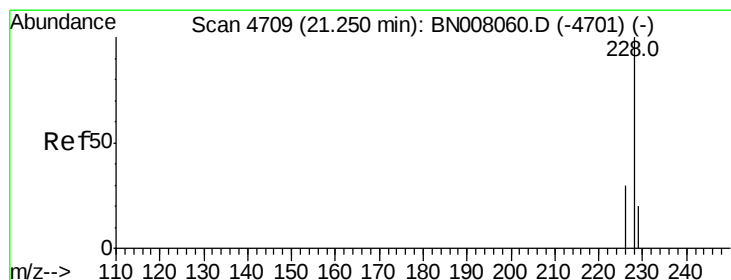
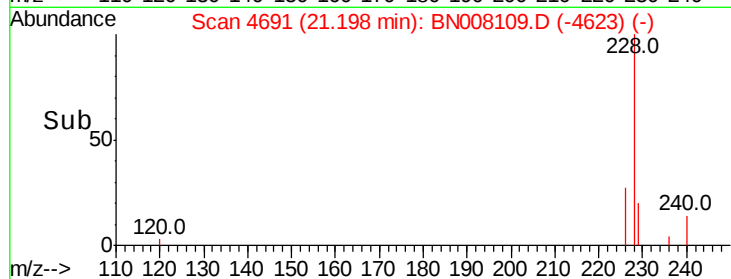
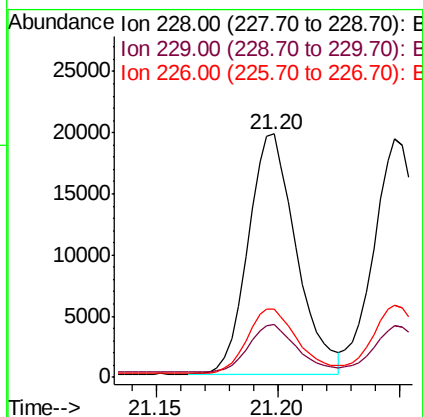
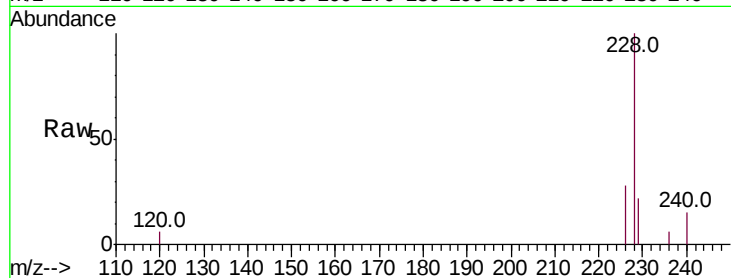




#18
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. -0.00 min
Lab File: BN008109.D
Acq: 12 Oct 2019 12:21

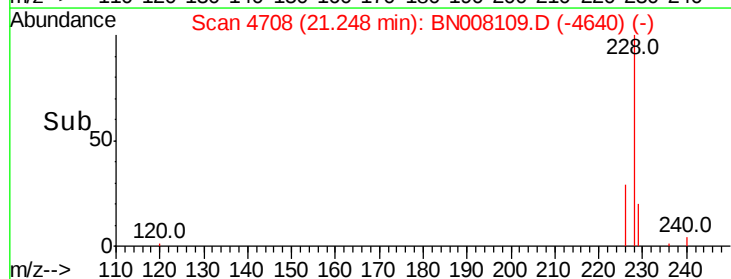
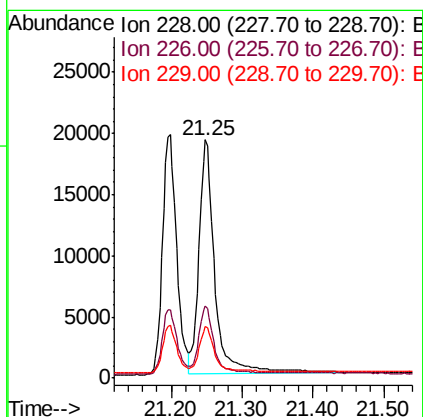
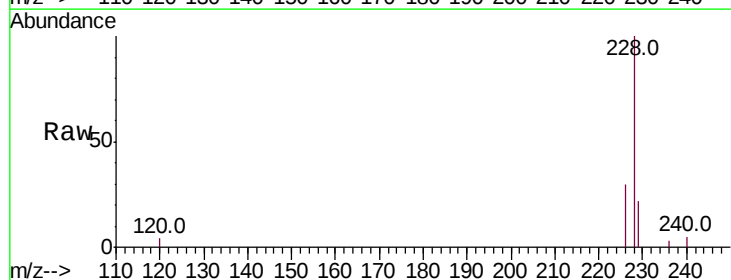
Instrument :
BNA_N
ClientSampled :

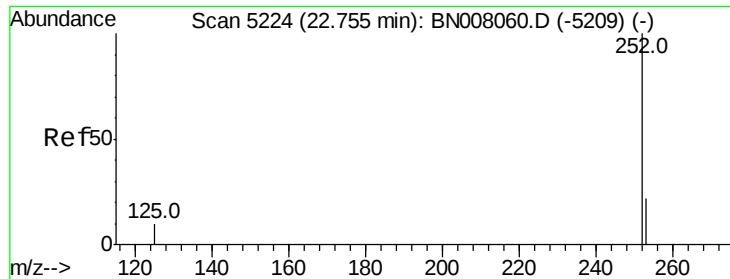
Tot Ion:228 Resp: 26812
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 28.1 21.4 32.0



#19
Chrysene
Concen: 0.337 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BN008109.D
Acq: 12 Oct 2019 12:21

Tgt Ion:228 Resp: 29724
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.6 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 0.421 ng/ul

RT: 22.75 min Scan# 5223

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

Instrument :

BNA_N

ClientSampleId :

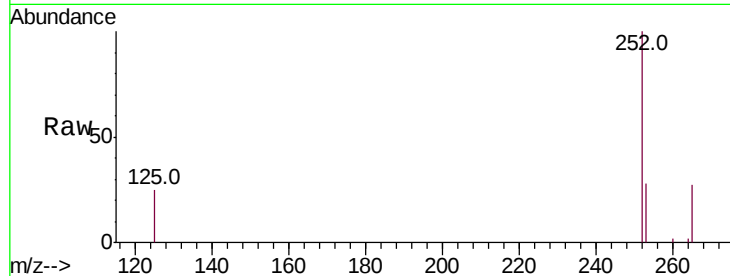
Tot Ion:252 Resp: 25426

Ion Ratio Lower Upper

252 100

253 28.3 0.0 53.4

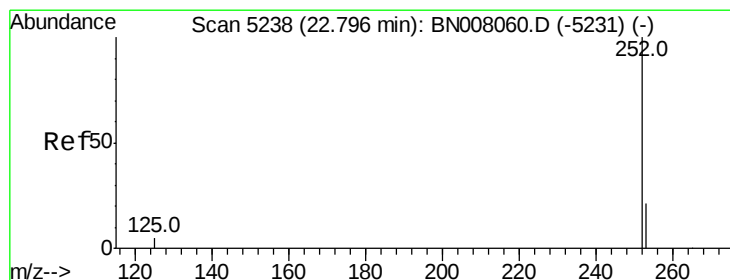
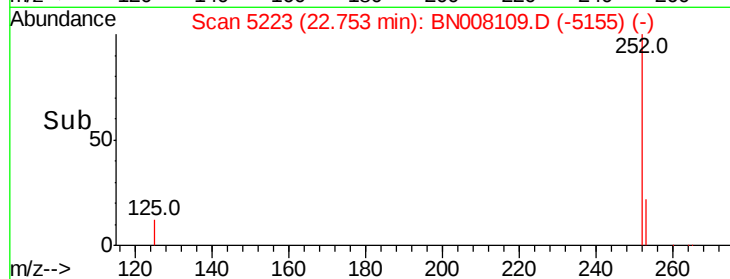
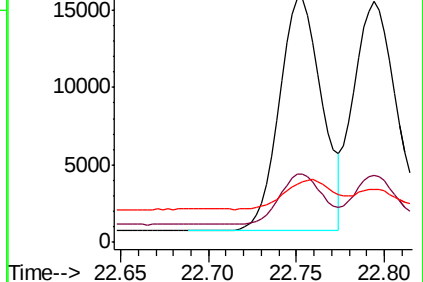
125 25.0 0.0 32.4



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: 0.391 ng/ul

RT: 22.79 min Scan# 5237

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

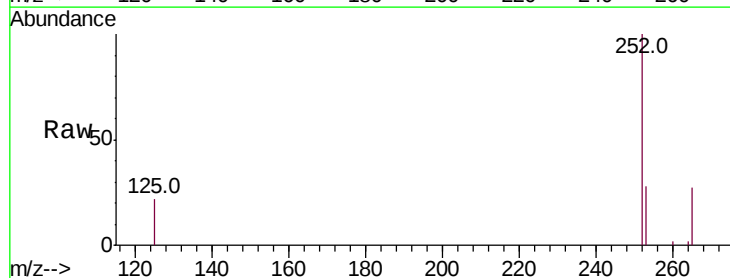
Tgt Ion:252 Resp: 26814

Ion Ratio Lower Upper

252 100

253 28.0 21.3 31.9

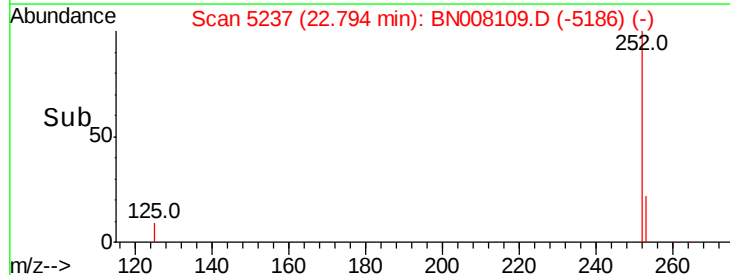
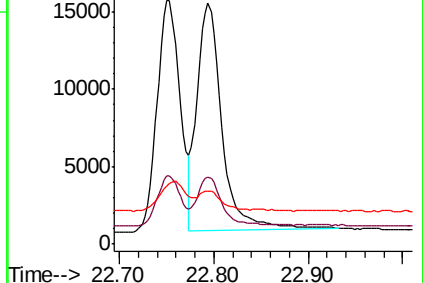
125 22.2 12.3 18.5#

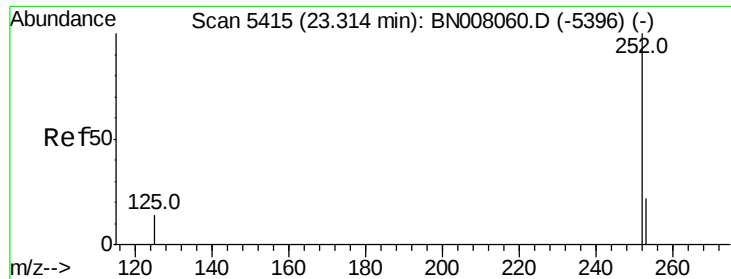


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.386 ng/ul

RT: 23.31 min Scan# 5413

Delta R.T. -0.01 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

Instrument :

BNA_N

ClientSampleId :

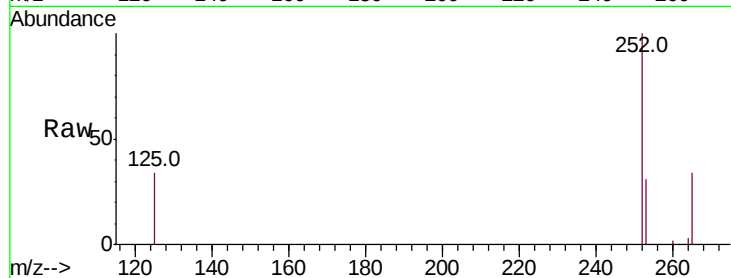
Tot Ion:252 Resp: 24588

Ion Ratio Lower Upper

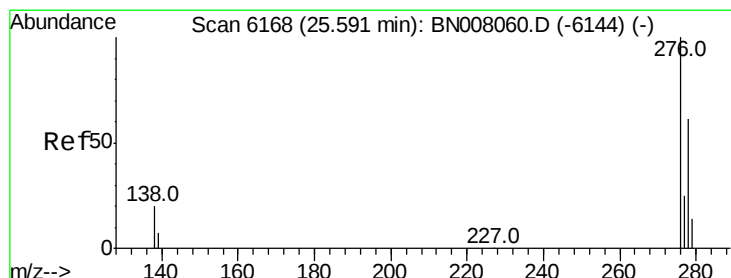
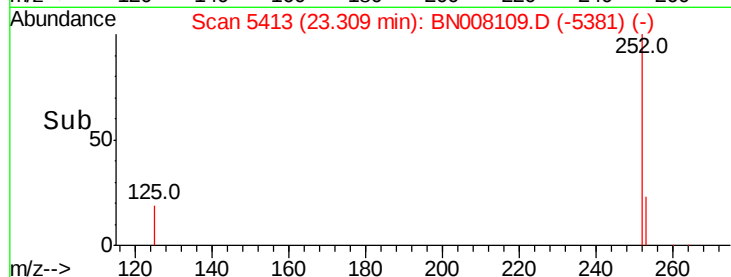
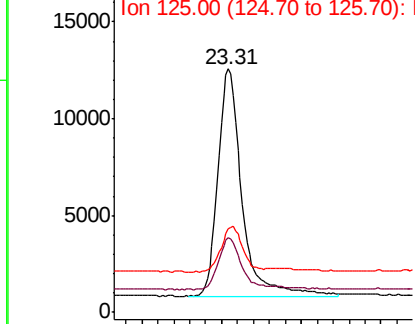
252 100

253 30.7 22.8 34.2

125 34.2 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: 0.327 ng/ul

RT: 25.59 min Scan# 6167

Delta R.T. -0.00 min

Lab File: BN008109.D

Acq: 12 Oct 2019 12:21

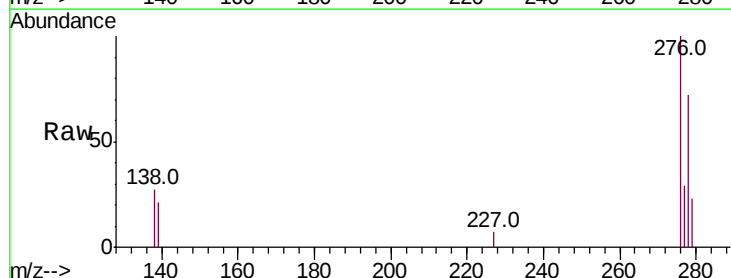
Tgt Ion:276 Resp: 24497

Ion Ratio Lower Upper

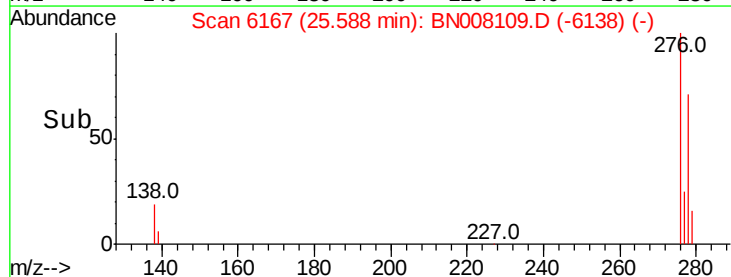
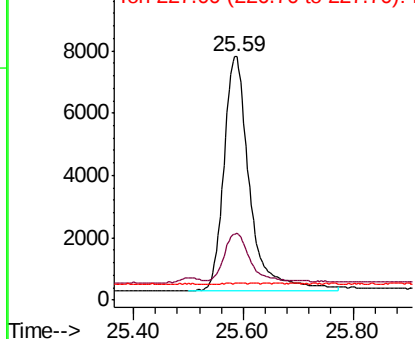
276 100

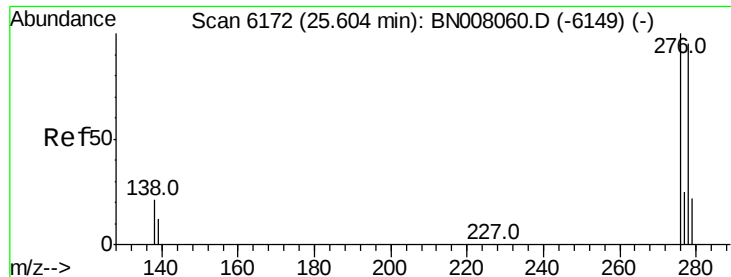
138 19.3 16.1 24.1

227 0.1 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

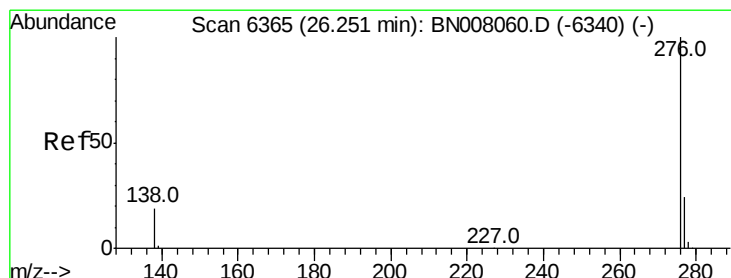
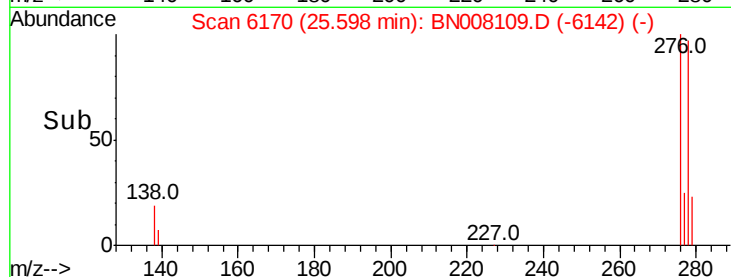
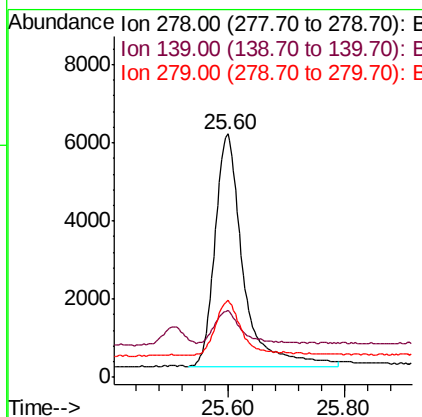
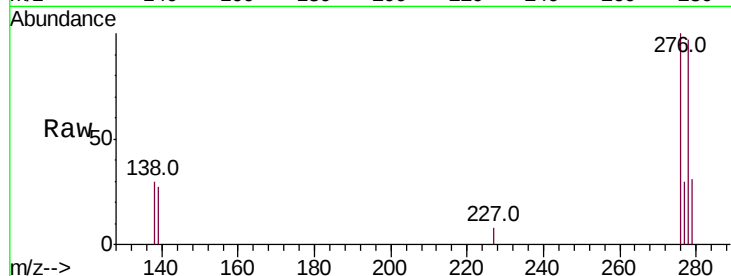




#25
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 25.60 min Scan# 6170
Delta R.T. -0.01 min
Lab File: BN008109.D
Acq: 12 Oct 2019 12:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 19906
Ion Ratio Lower Upper
278 100
139 27.4 15.0 22.6#
279 31.6 22.4 33.6



#26
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. -0.00 min
Lab File: BN008109.D
Acq: 12 Oct 2019 12:21

Tgt Ion:276 Resp: 20717
Ion Ratio Lower Upper
276 100
138 26.3 17.0 25.4#
277 28.5 20.4 30.6

