

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008122.D
 Acq On : 12 Oct 2019 20:43
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:41:30 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

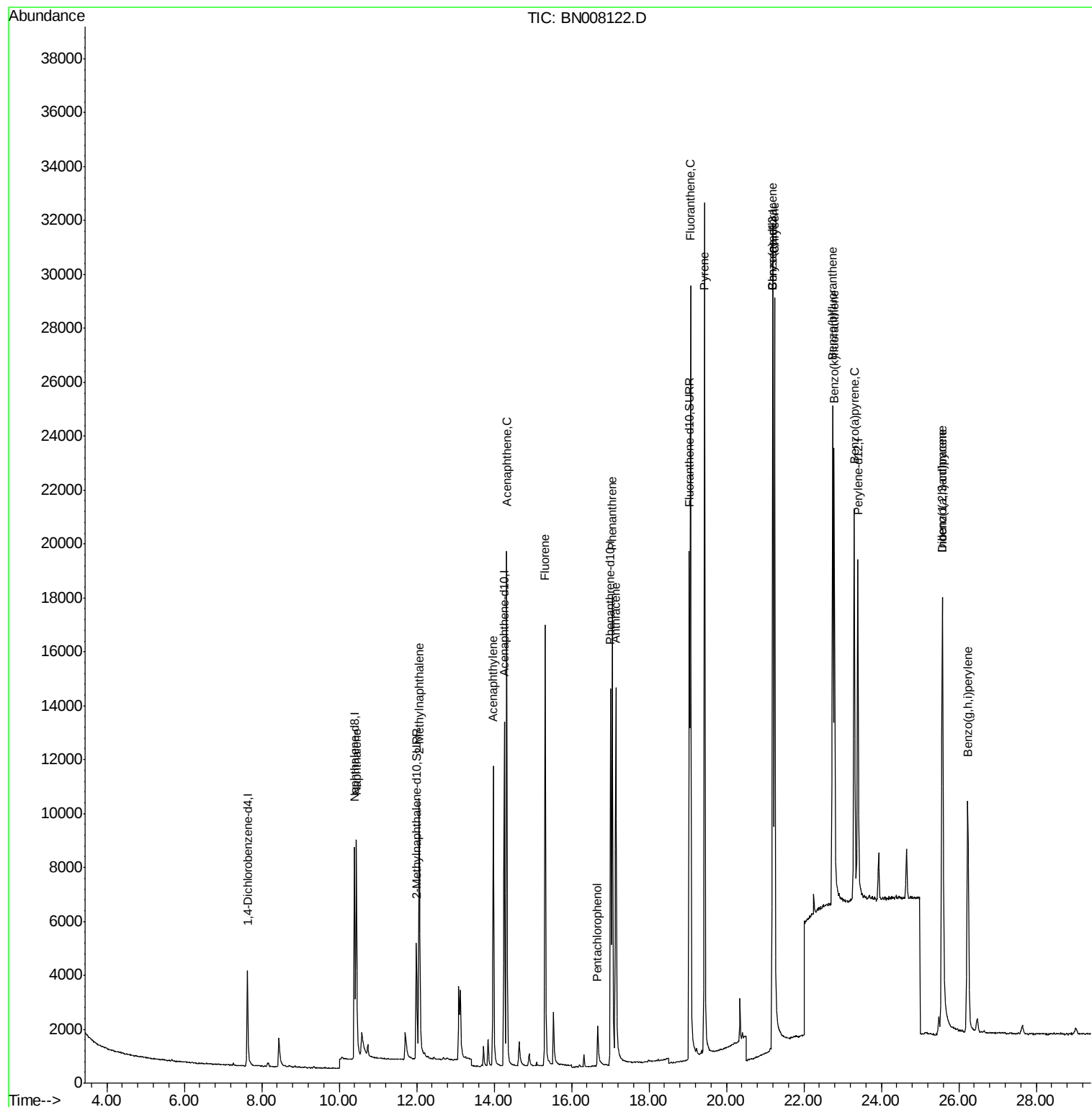
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2303	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12029	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7914	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	19358	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	19224	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	16569	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	7751	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	24095	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	12483	0.365	ng/ul	100
5) 2-Methylnaphthalene	12.07	142	8884	0.378	ng/ul	99
7) Acenaphthylene	13.98	152	14351	0.381	ng/ul	100
8) Acenaphthene	14.32	153	11800	0.403	ng/ul	99
9) Fluorene	15.31	166	12135	0.365	ng/ul	98
11) Pentachlorophenol	16.67	266	1629	0.348	ng/ul	99
12) Phenanthrene	17.05	178	20030	0.353	ng/ul	99
13) Anthracene	17.14	178	18579	0.373	ng/ul	99
15) Fluoranthene	19.07	202	26175	0.350	ng/ul	100
17) Pyrene	19.44	202	30399	0.397	ng/ul	99
18) Benzo(a)anthracene	21.19	228	25861	0.370	ng/ul	98
19) Chrysene	21.24	228	29143	0.340	ng/ul	100
21) Benzo(b)fluoranthene	22.74	252	23050	0.427	ng/ul	97
22) Benzo(k)fluoranthene	22.78	252	25769	0.422	ng/ul	99
23) Benzo(a)pyrene	23.30	252	22722	0.400	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.57	276	22162	0.332	ng/ul	100
25) Dibenzo(a,h)anthracene	25.58	278	17949	0.340	ng/ul	95
26) Benzo(g,h,i)perylene	26.23	276	19002	0.310	ng/ul	96

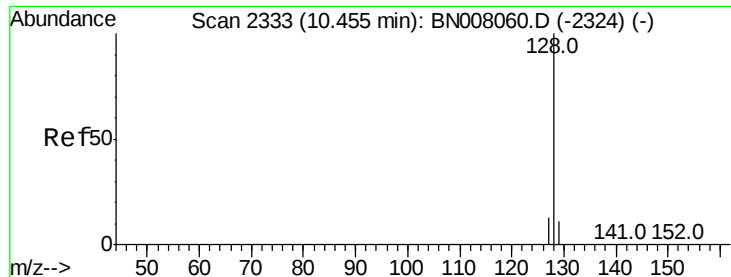
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 11 19:05:54 2019
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#3

Naphthalene

Concen: 0.365 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampleId :

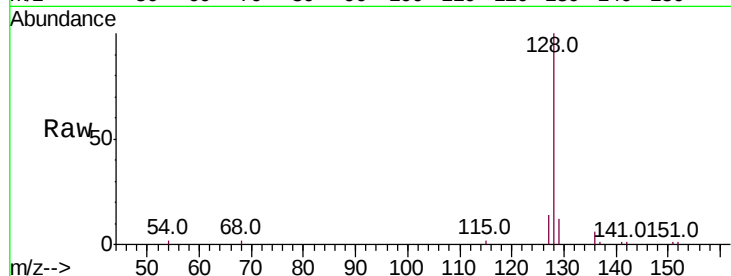
Tot Ion:128 Resp: 12483

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.8

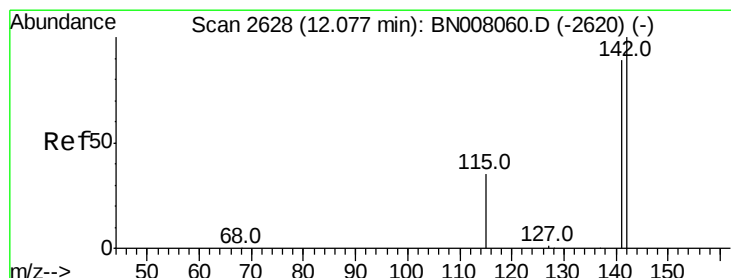
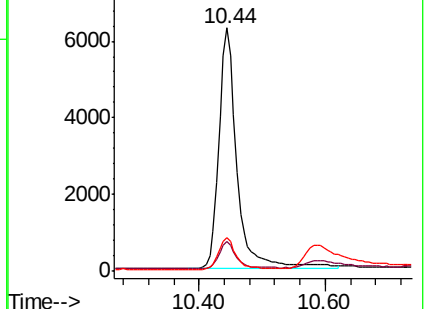
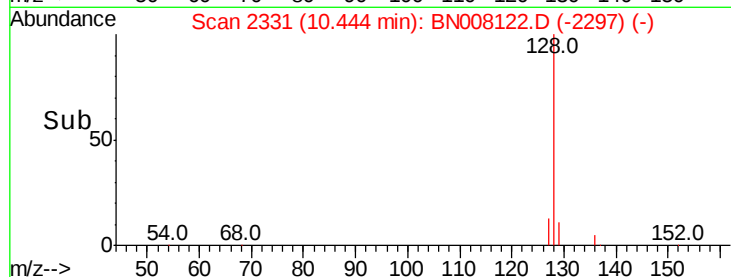
127 13.9 11.1 16.7



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: 0.378 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008122.D

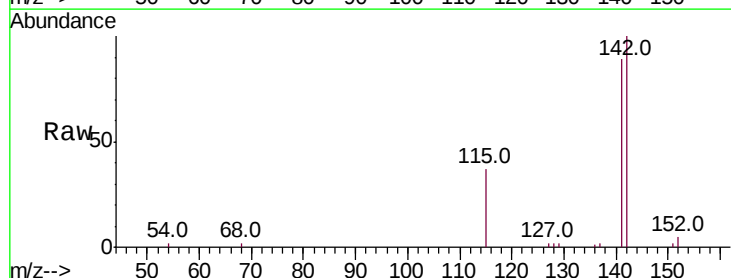
Acq: 12 Oct 2019 20:43

Tgt Ion:142 Resp: 8884

Ion Ratio Lower Upper

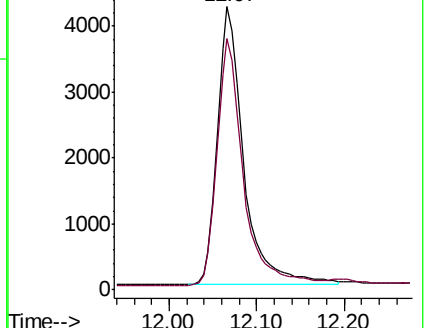
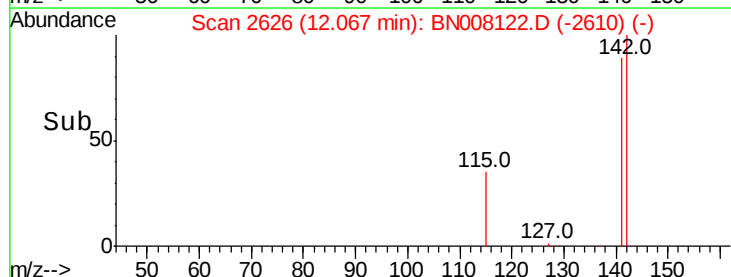
142 100

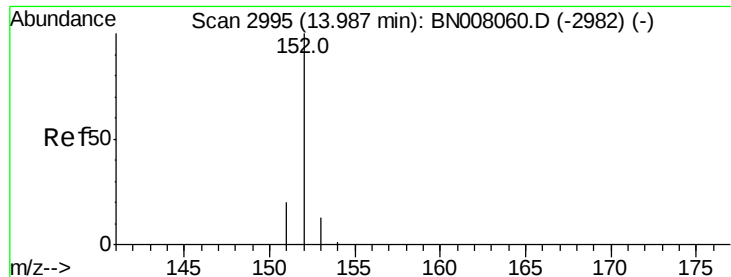
141 88.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.381 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampled :

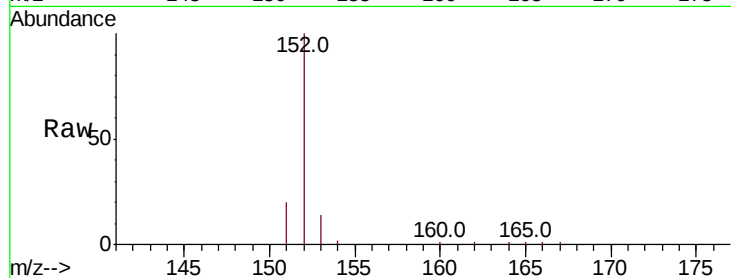
Tot Ion:152 Resp: 14351

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

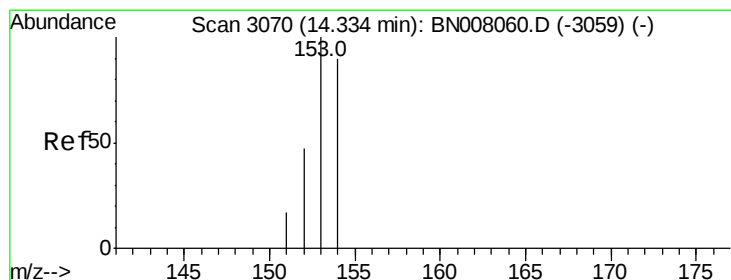
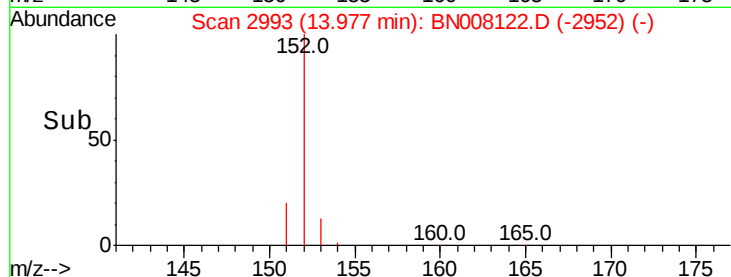
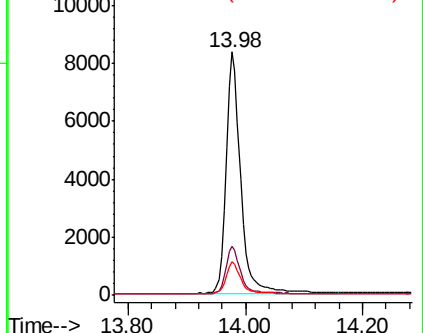
153 13.8 11.0 16.4



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: 0.403 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

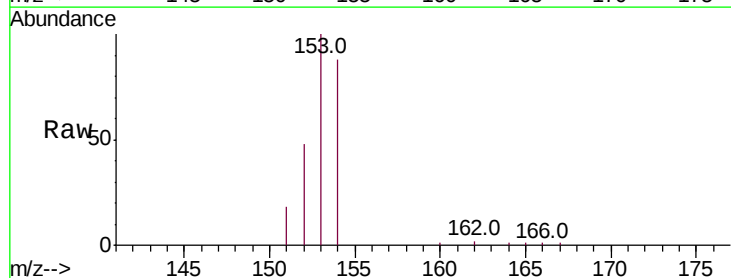
Tgt Ion:153 Resp: 11800

Ion Ratio Lower Upper

153 100

152 47.6 38.2 57.2

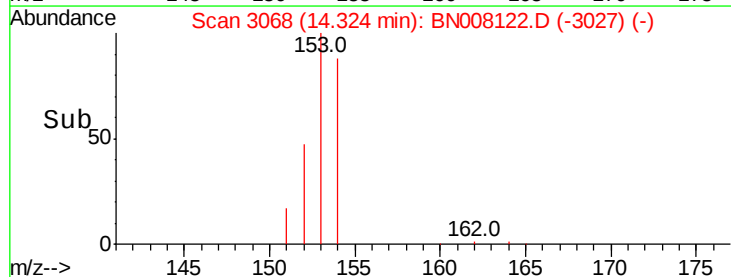
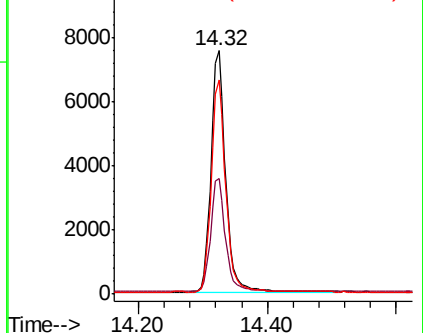
154 88.2 71.8 107.8

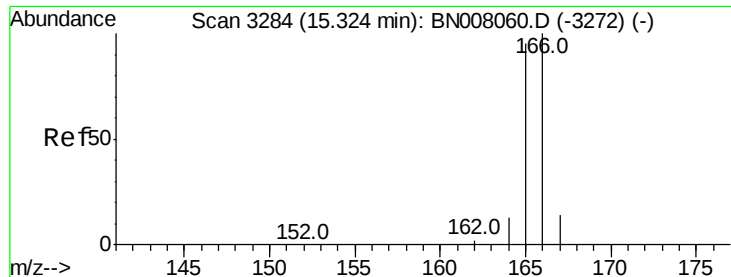


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.365 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampleId :

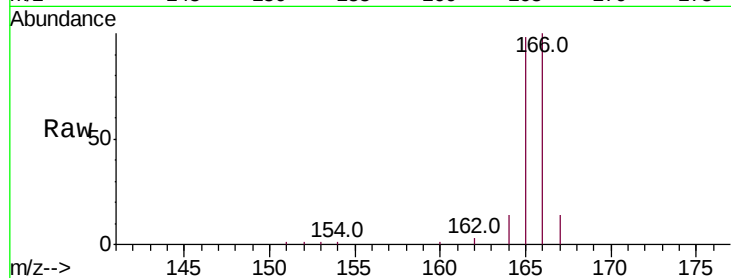
Tot Ion:166 Resp: 12135

Ion Ratio Lower Upper

166 100

165 97.9 76.6 115.0

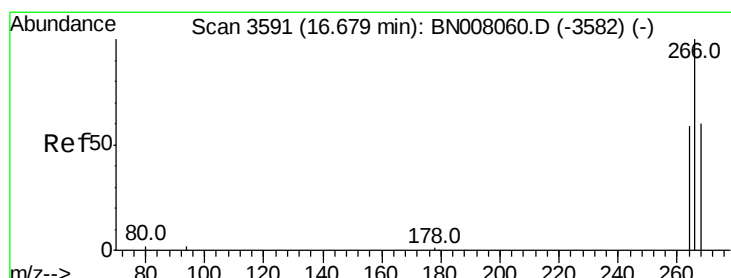
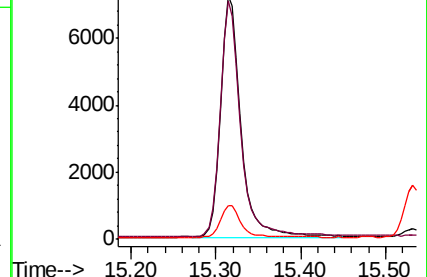
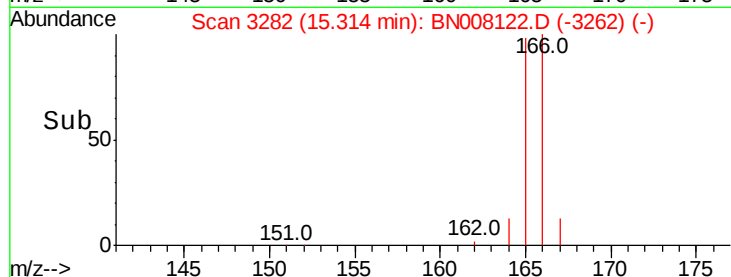
167 14.1 11.7 17.5



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: 0.348 ng/ul

RT: 16.67 min Scan# 3590

Delta R.T. -0.00 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

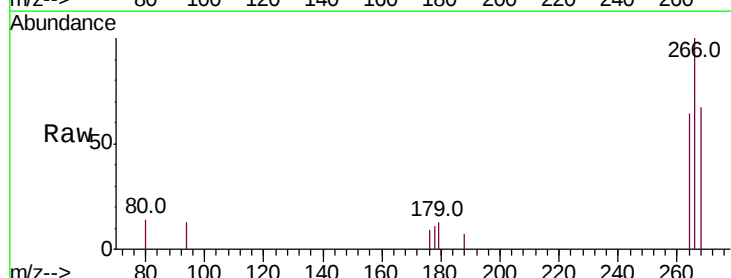
Tgt Ion:266 Resp: 1629

Ion Ratio Lower Upper

266 100

264 63.2 50.1 75.1

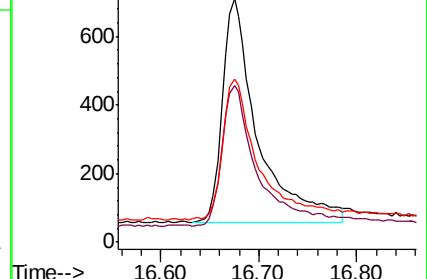
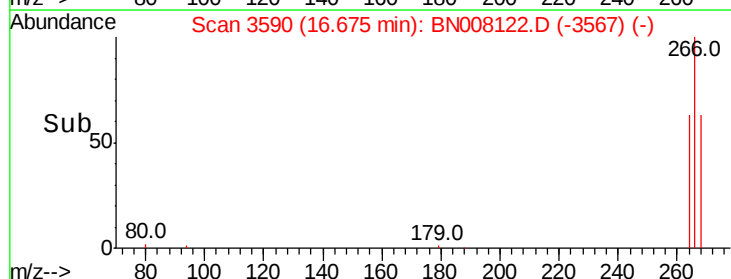
268 65.3 51.9 77.9

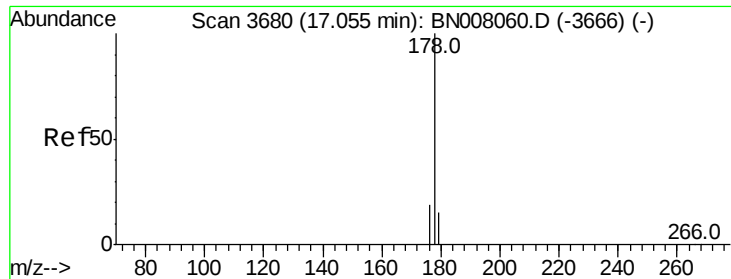


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.353 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampleId :

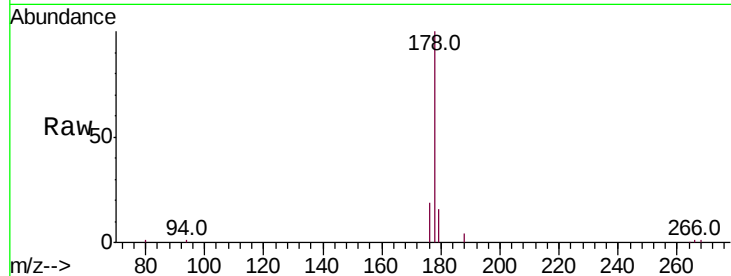
Tot Ion:178 Resp: 20030

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

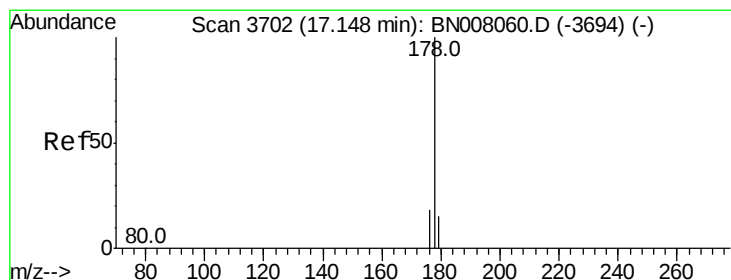
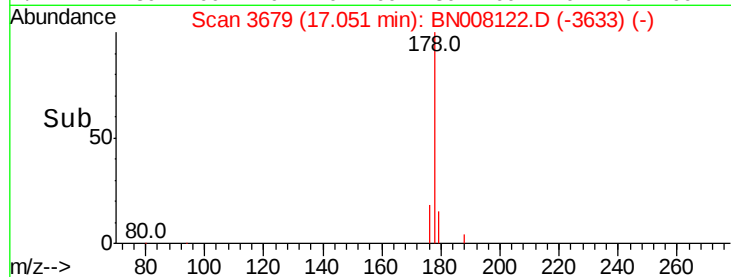
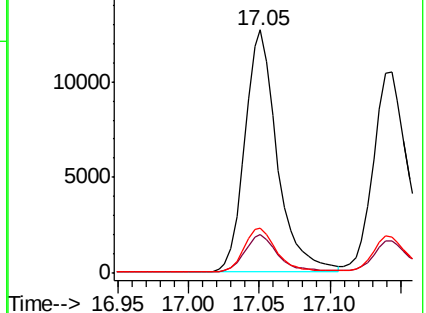
176 18.7 15.4 23.2



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: 0.373 ng/ul

RT: 17.14 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

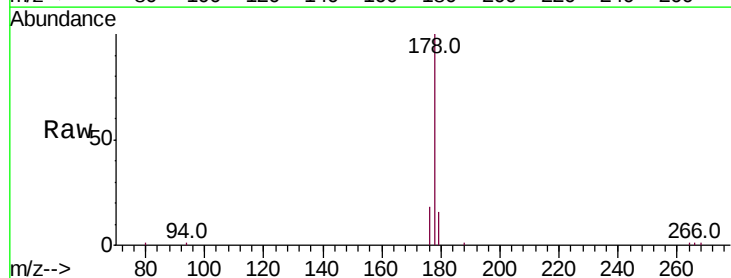
Tgt Ion:178 Resp: 18579

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

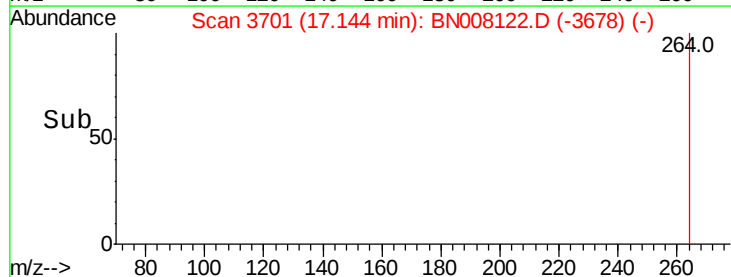
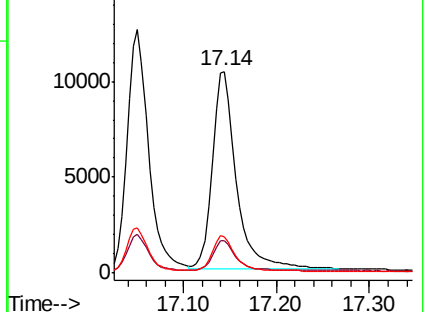
176 18.0 15.0 22.6

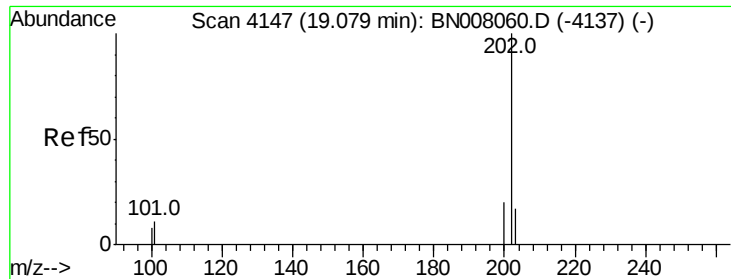


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.350 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampleId :

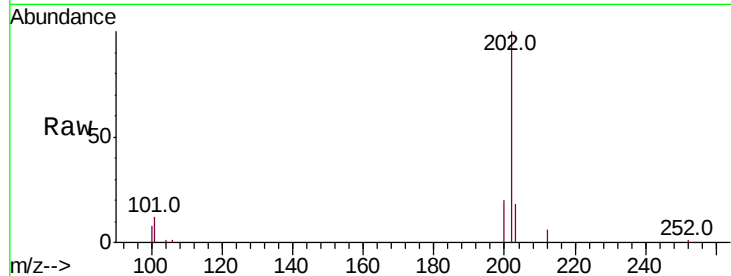
Tot Ion:202 Resp: 26175

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.2

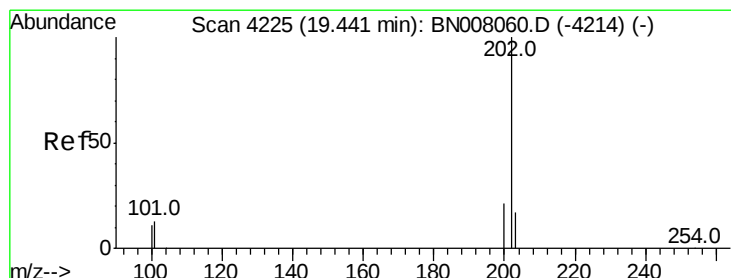
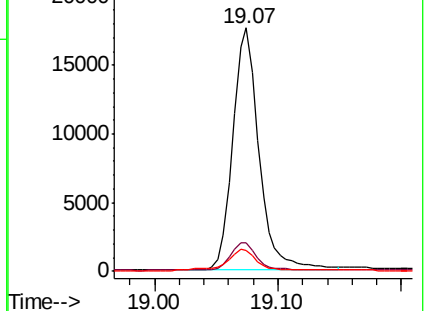
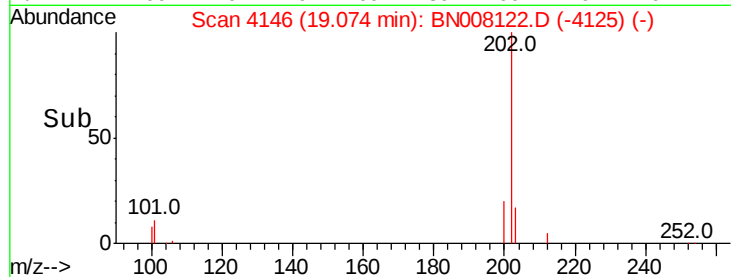
100 8.5 0.0 28.5



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: 0.397 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

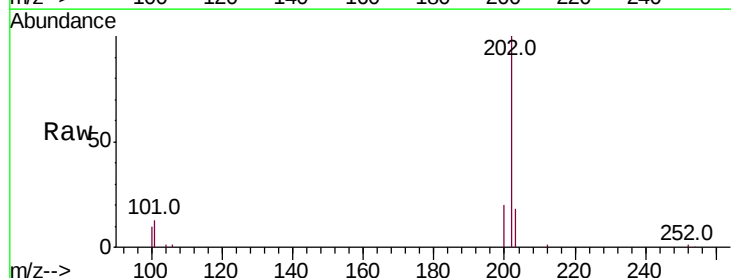
Tgt Ion:202 Resp: 30399

Ion Ratio Lower Upper

202 100

101 13.1 10.9 16.3

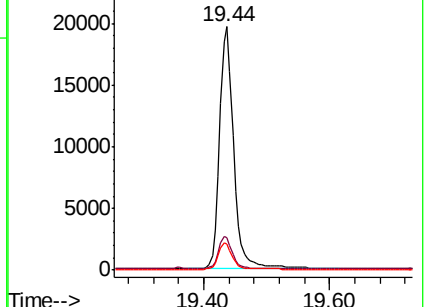
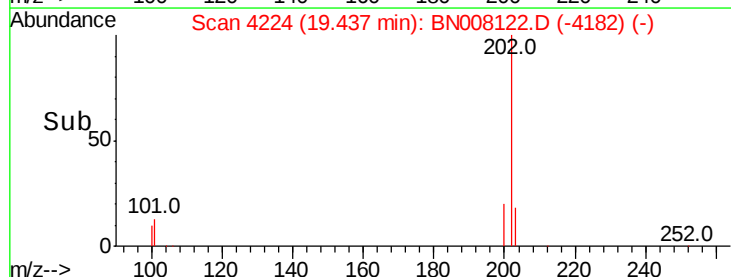
100 10.4 8.7 13.1

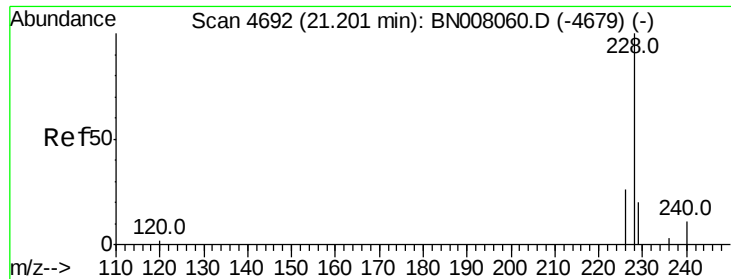


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.370 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampleId :

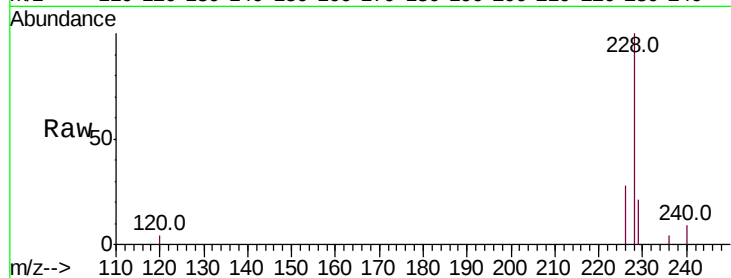
Tot Ion:228 Resp: 25861

Ion Ratio Lower Upper

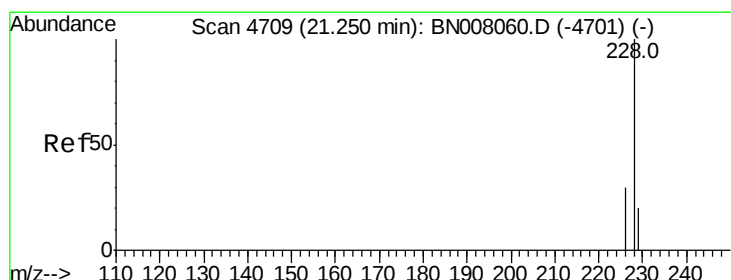
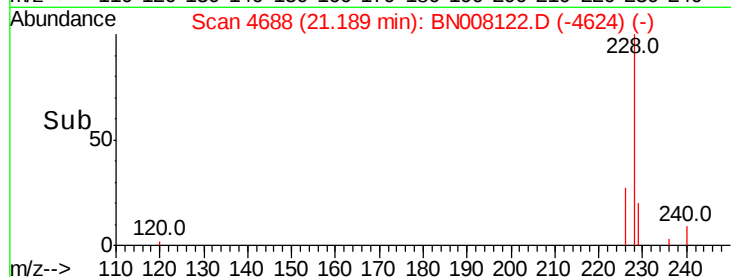
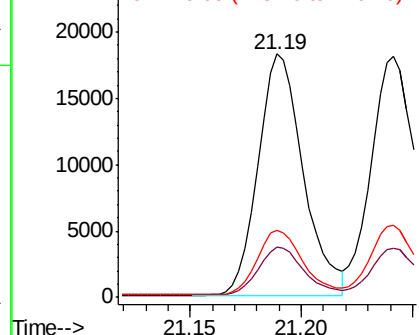
228 100

229 20.6 16.2 24.2

226 27.7 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: 0.340 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

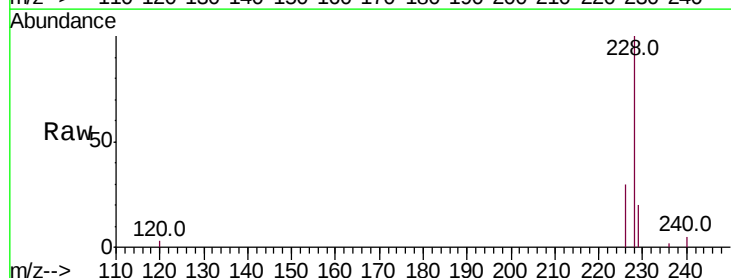
Tgt Ion:228 Resp: 29143

Ion Ratio Lower Upper

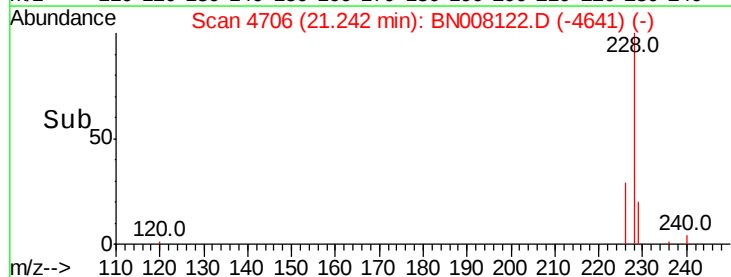
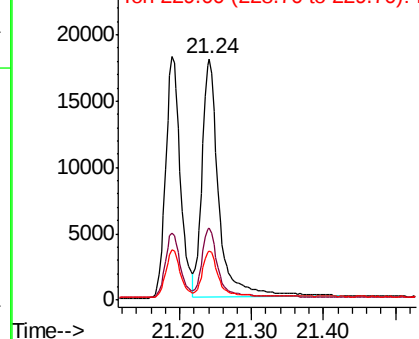
228 100

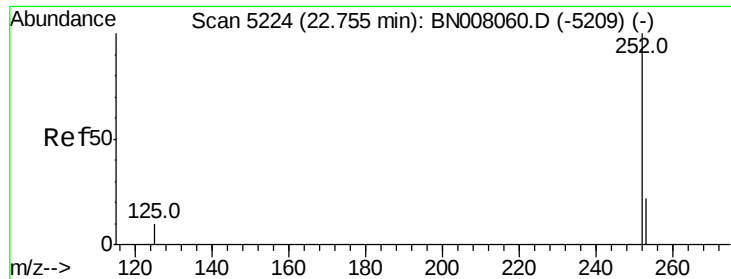
226 30.0 24.1 36.1

229 20.5 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: 0.427 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampleId :

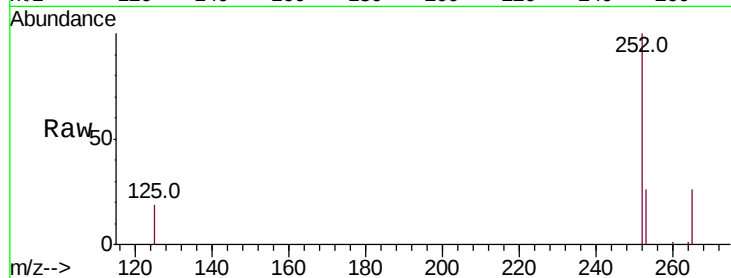
Tot Ion:252 Resp: 23050

Ion Ratio Lower Upper

252 100

253 26.4 0.0 53.4

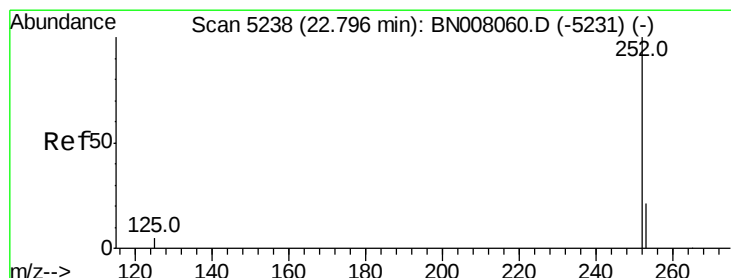
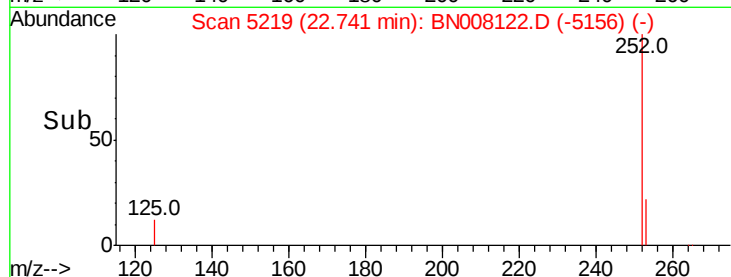
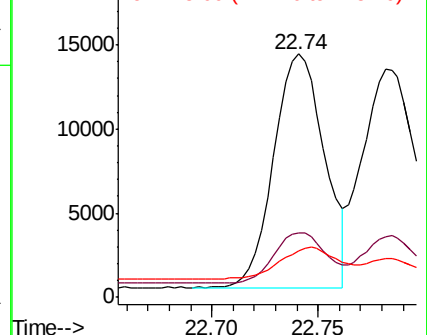
125 19.2 0.0 32.4



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: 0.422 ng/ul

RT: 22.78 min Scan# 5233

Delta R.T. -0.01 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

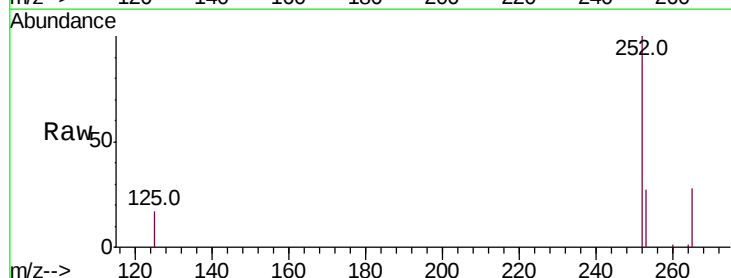
Tgt Ion:252 Resp: 25769

Ion Ratio Lower Upper

252 100

253 26.7 21.3 31.9

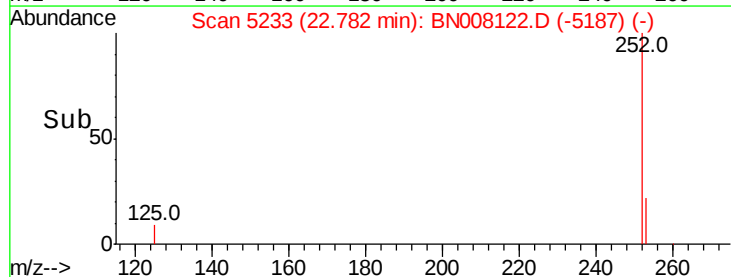
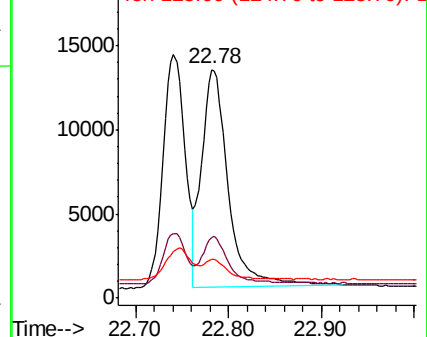
125 16.7 12.3 18.5

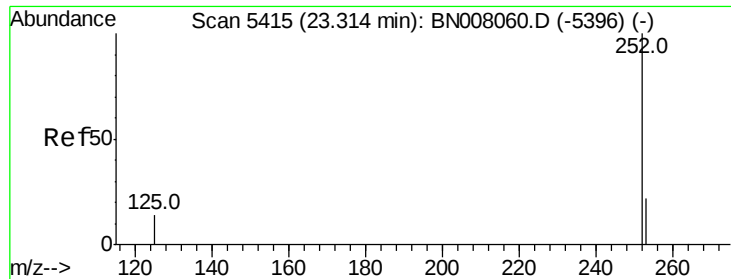


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.400 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.02 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

Instrument :

BNA_N

ClientSampleId :

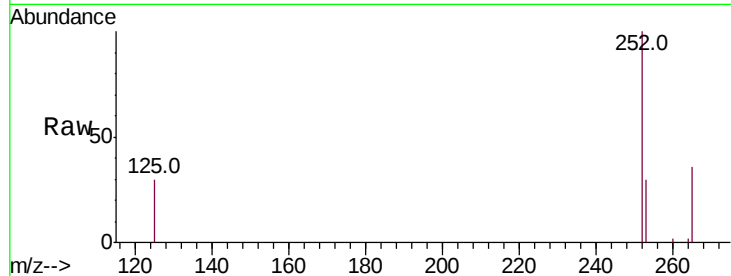
Tot Ion:252 Resp: 22722

Ion Ratio Lower Upper

252 100

253 29.6 22.8 34.2

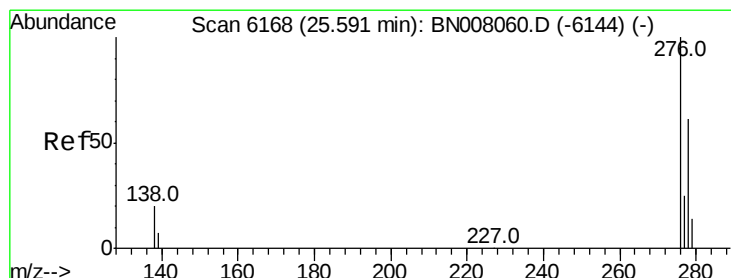
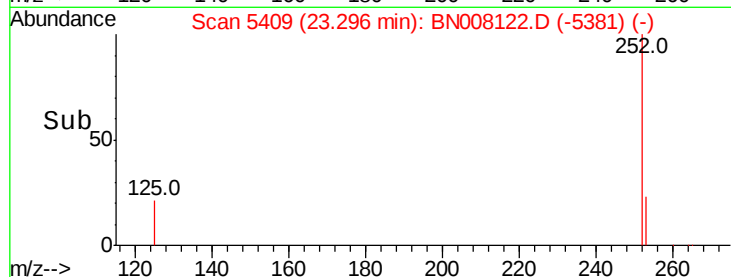
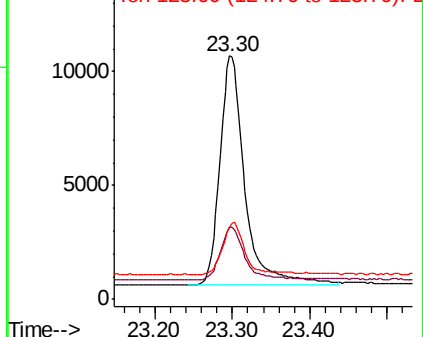
125 29.9 18.4 27.6#



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: 0.332 ng/ul

RT: 25.57 min Scan# 6162

Delta R.T. -0.02 min

Lab File: BN008122.D

Acq: 12 Oct 2019 20:43

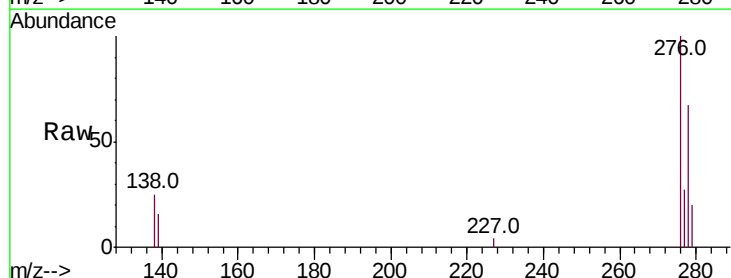
Tgt Ion:276 Resp: 22162

Ion Ratio Lower Upper

276 100

138 20.2 16.1 24.1

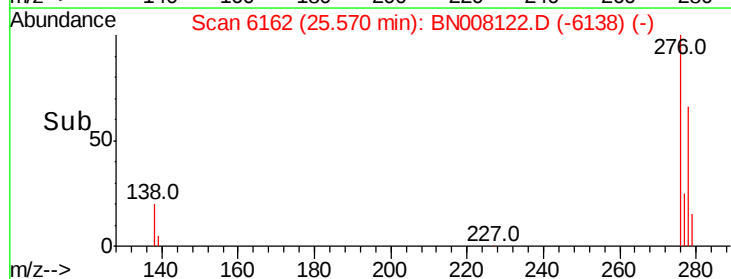
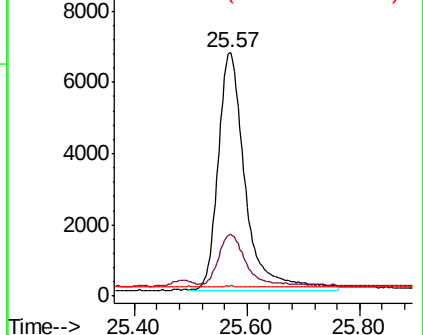
227 0.2 0.2 0.2

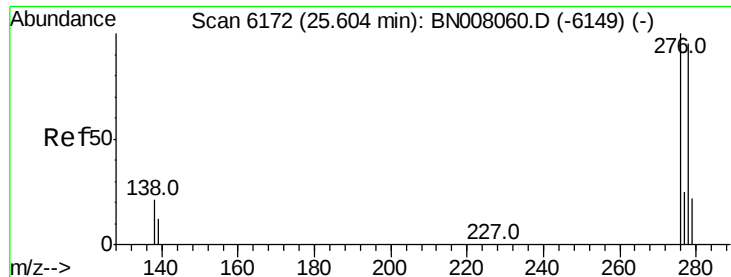


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

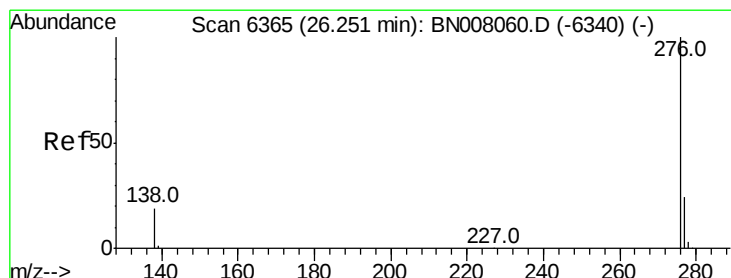
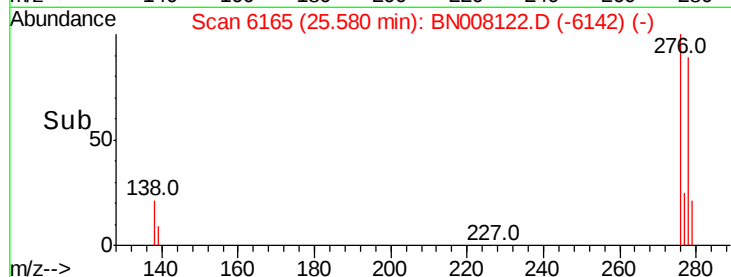
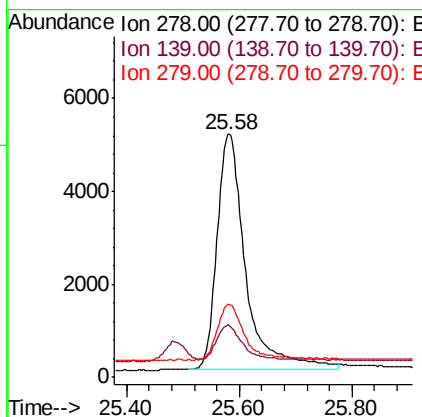
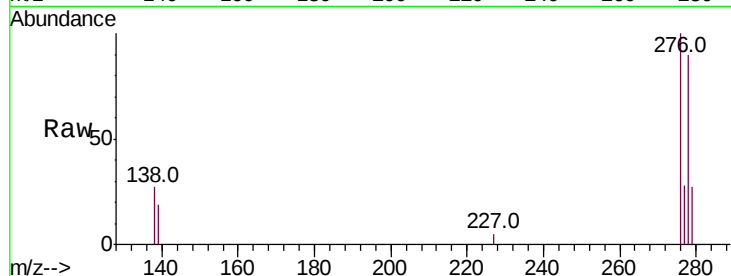




#25
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN008122.D
Acq: 12 Oct 2019 20:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 17949
Ion Ratio Lower Upper
278 100
139 21.5 15.0 22.6
279 30.1 22.4 33.6



#26
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 26.23 min Scan# 6359
Delta R.T. -0.02 min
Lab File: BN008122.D
Acq: 12 Oct 2019 20:43

Tgt Ion:276 Resp: 19002
Ion Ratio Lower Upper
276 100
138 23.9 17.0 25.4
277 26.9 20.4 30.6

