

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008919.D
 Acq On : 11 Dec 2019 16:23
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 12 00:22:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

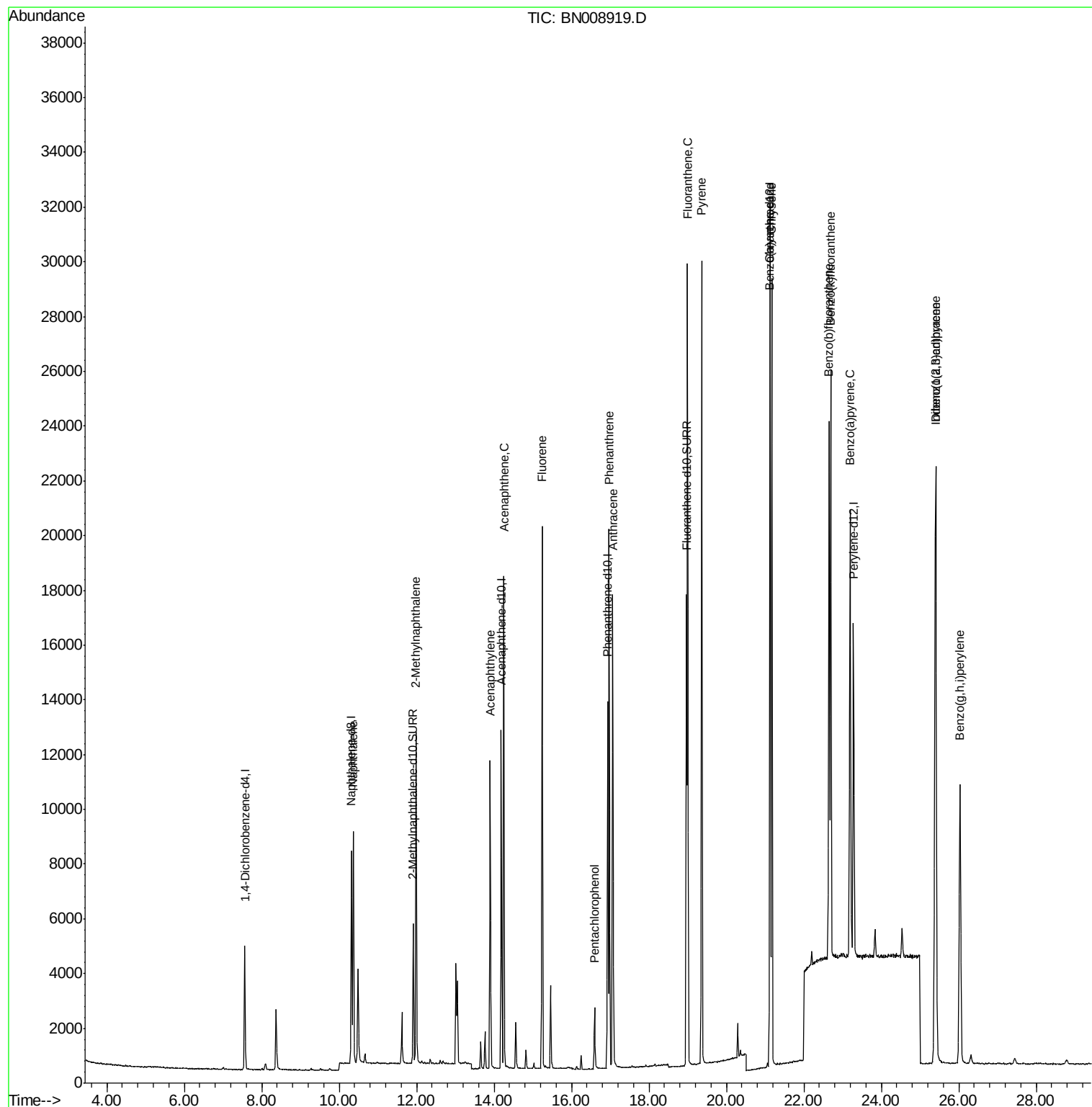
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2294	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	9941	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6736	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15062	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	13939	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14408	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	6707	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	18144	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	11568	0.386	ng/ul	100
5) 2-Methylnaphthalene	11.98	142	8665	0.414	ng/ul	100
7) Acenaphthylene	13.90	152	12840	0.345	ng/ul	99
8) Acenaphthene	14.25	153	9948	0.360	ng/ul	97
9) Fluorene	15.24	166	11855	0.365	ng/ul	100
11) Pentachlorophenol	16.59	266	1647	0.289	ng/ul	98
12) Phenanthrene	16.97	178	20447	0.403	ng/ul	100
13) Anthracene	17.06	178	18555	0.387	ng/ul	100
15) Fluoranthene	19.00	202	23948	0.384	ng/ul	99
17) Pyrene	19.36	202	24287	0.434	ng/ul	99
18) Benzo(a)anthracene	21.12	228	24263	0.433	ng/ul	100
19) Chrysene	21.17	228	23811	0.432	ng/ul	100
21) Benzo(b)fluoranthene	22.65	252	23937	0.403	ng/ul	100
22) Benzo(k)fluoranthene	22.69	252	23892	0.405	ng/ul	99
23) Benzo(a)pyrene	23.19	252	22215	0.398	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.39	276	23863	0.366	ng/ul	100
25) Dibenzo(a,h)anthracene	25.41	278	19313	0.367	ng/ul	98
26) Benzo(g,h,i)perylene	26.03	276	19608	0.359	ng/ul	98

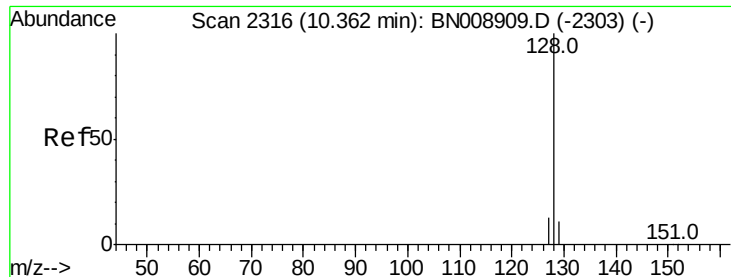
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Dec 12 00:22:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.386 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

Instrument :

BNA_N

ClientSampleId :

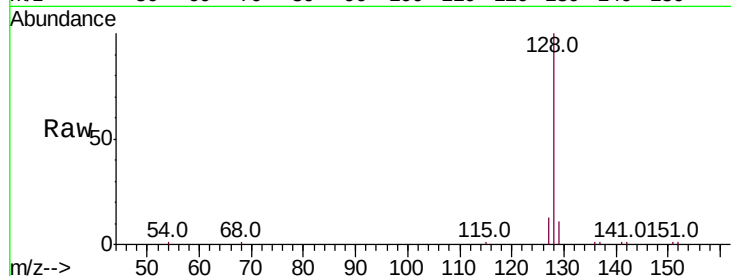
Tot Ion:128 Resp: 11568

Ion Ratio Lower Upper

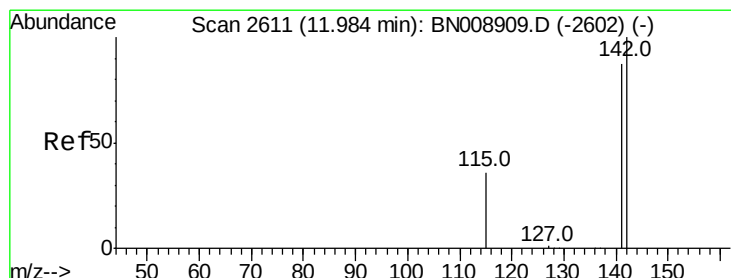
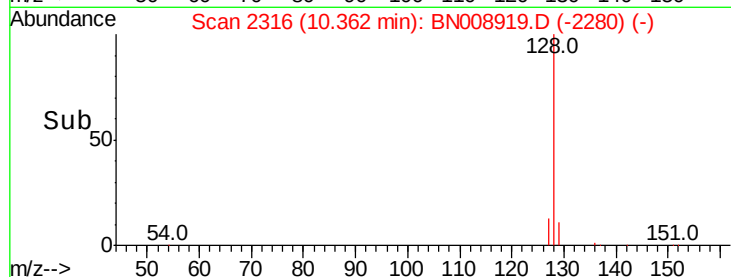
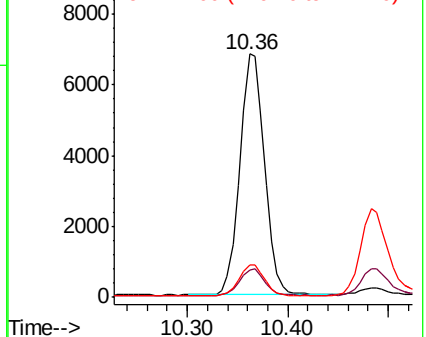
128 100

129 11.4 9.1 13.7

127 13.5 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: 0.414 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BN008919.D

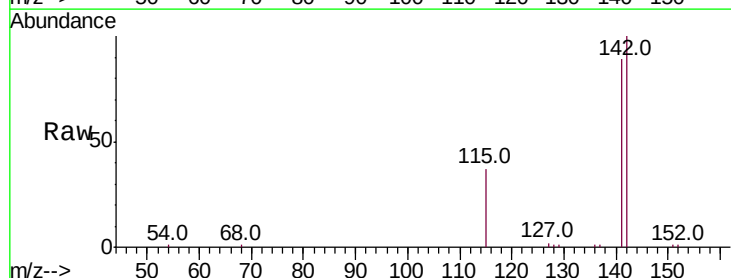
Acq: 11 Dec 2019 16:23

Tgt Ion:142 Resp: 8665

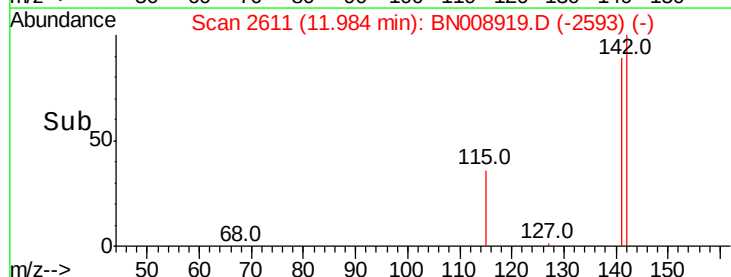
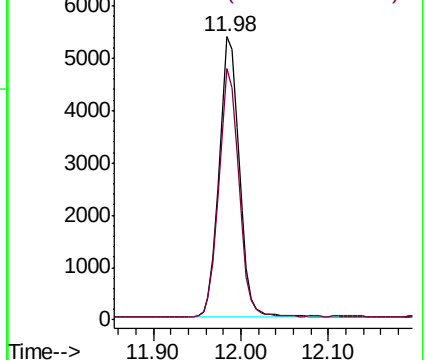
Ion Ratio Lower Upper

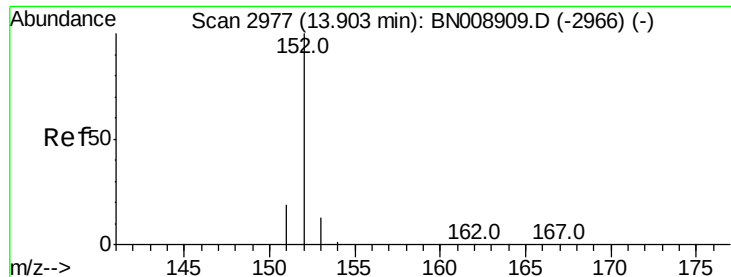
142 100

141 87.5 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.345 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

Instrument :

BNA_N

ClientSampled :

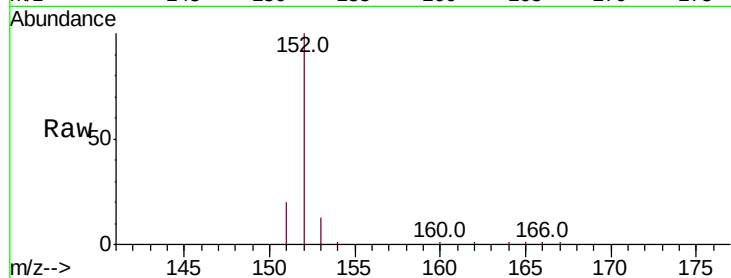
Tot Ion:152 Resp: 12840

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

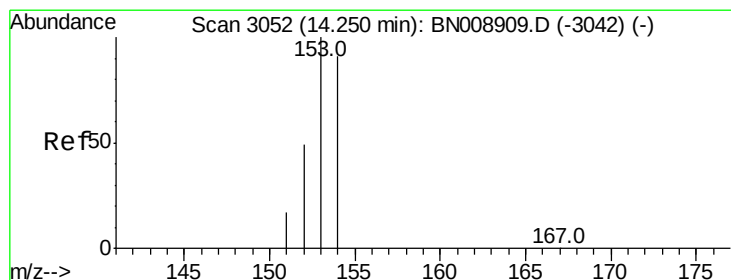
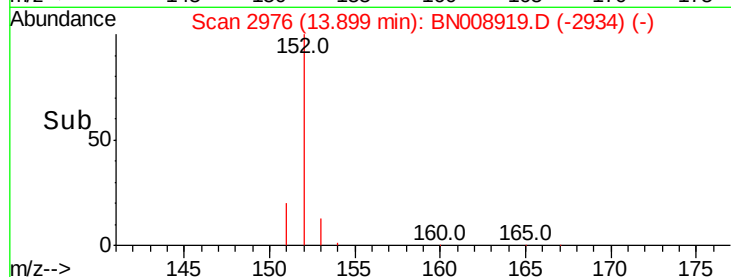
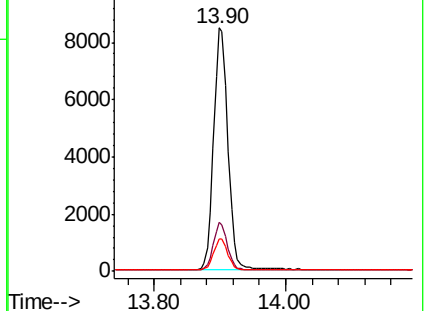
153 13.2 10.6 15.8



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: 0.360 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

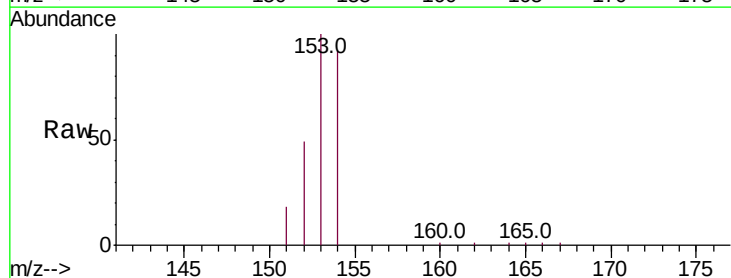
Tgt Ion:153 Resp: 9948

Ion Ratio Lower Upper

153 100

152 48.9 38.6 58.0

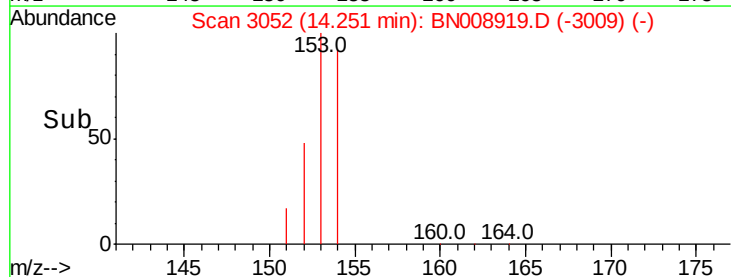
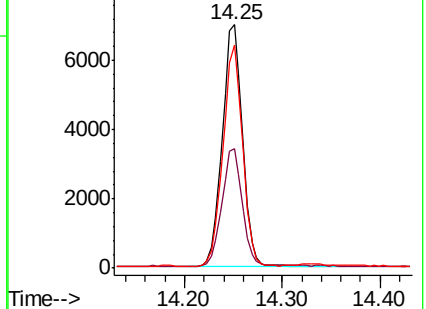
154 91.7 70.6 105.8

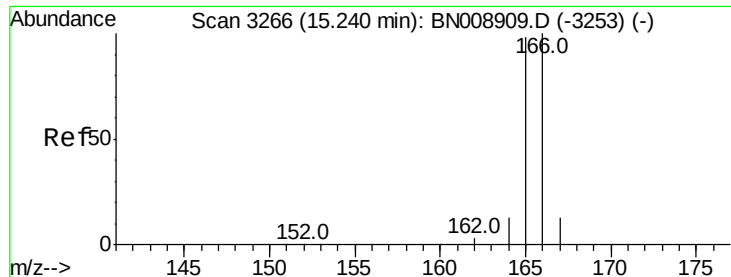


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

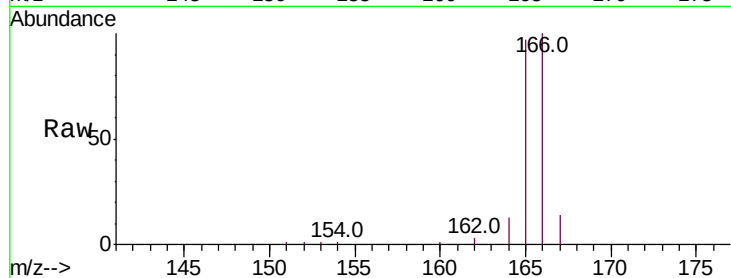




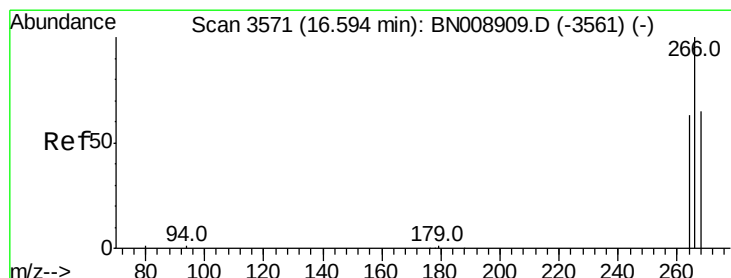
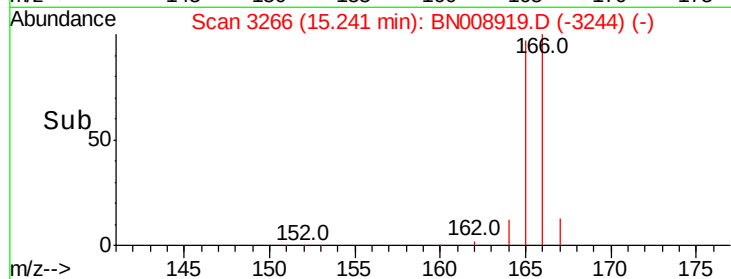
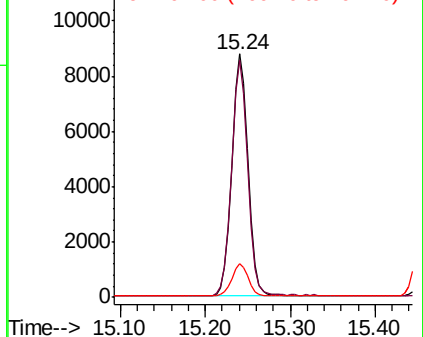
#9
Fluorene
 Concen: 0.365 ng/ul
 RT: 15.24 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: BN008919.D
 Acq: 11 Dec 2019 16:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 11855
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.7 116.5
 167 13.9 11.1 16.7

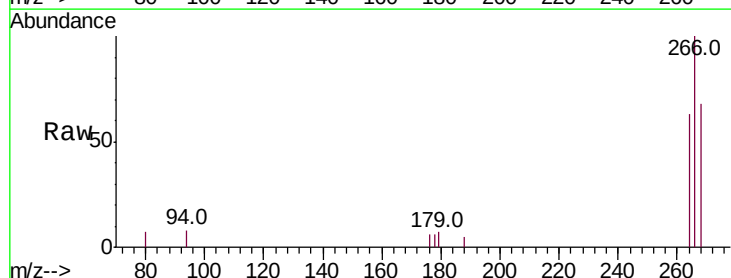


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

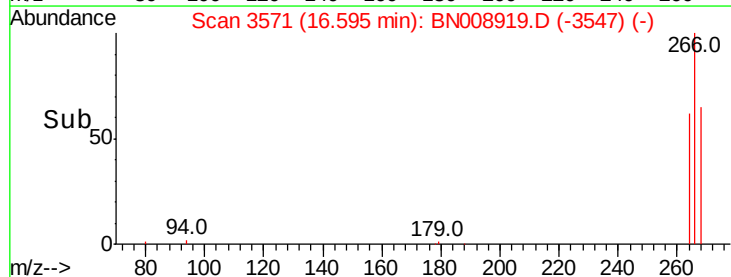
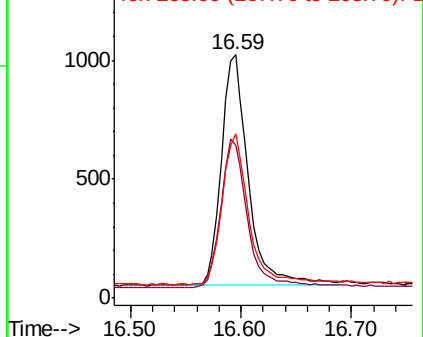


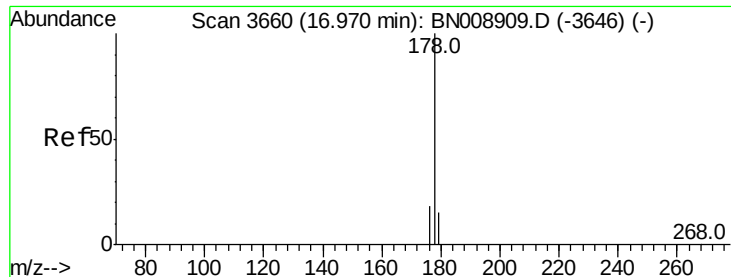
#11
Pentachlorophenol
 Concen: 0.289 ng/ul
 RT: 16.59 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: BN008919.D
 Acq: 11 Dec 2019 16:23

Tgt Ion:266 Resp: 1647
 Ion Ratio Lower Upper
 266 100
 264 64.2 50.4 75.6
 268 67.0 52.2 78.4



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: 0.403 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

Instrument :

BNA_N

ClientSampleId :

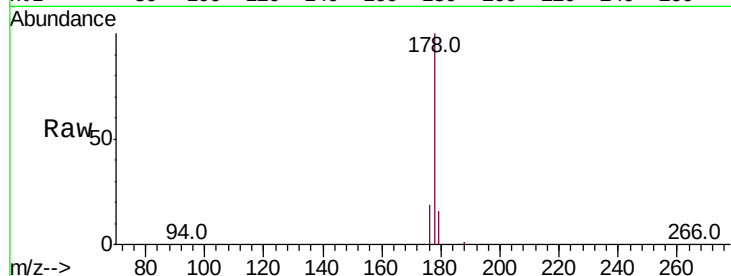
Tot Ion:178 Resp: 20447

Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

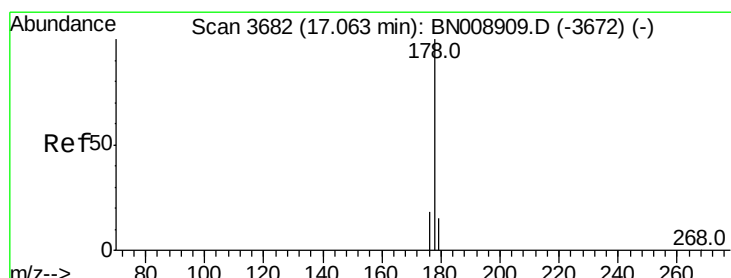
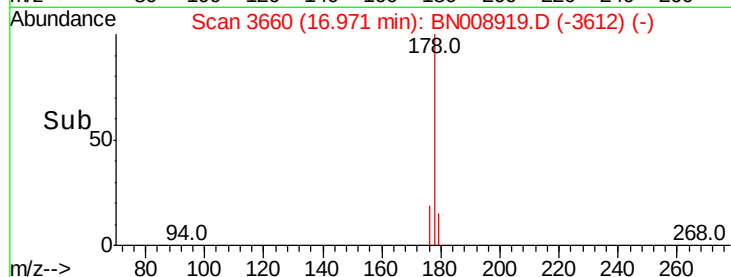
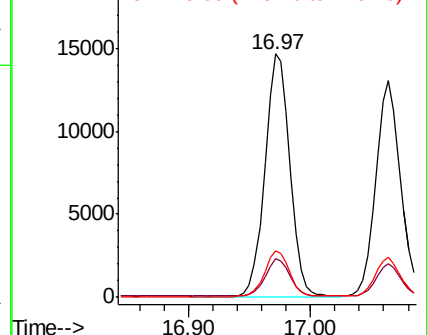
176 19.3 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.387 ng/ul

RT: 17.06 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

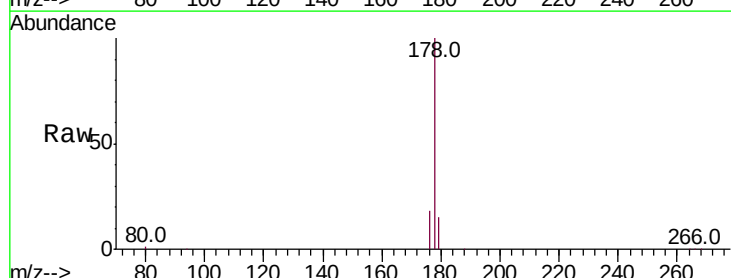
Tgt Ion:178 Resp: 18555

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

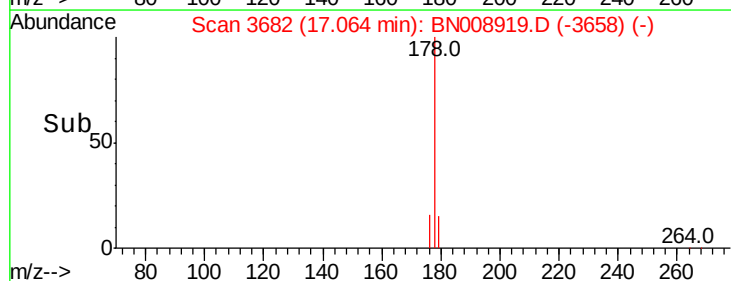
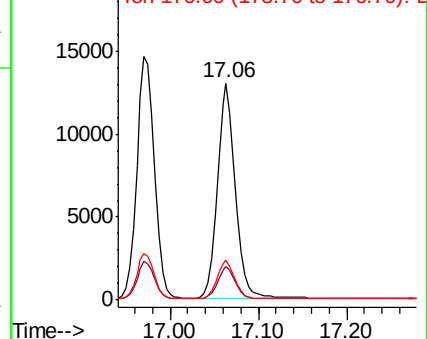
176 18.3 14.7 22.1

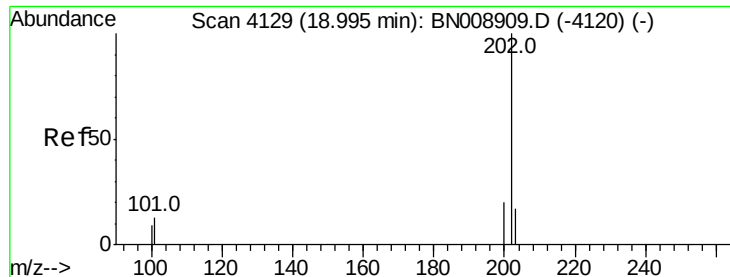


Abundance Ion 178.00 (177.70 to 178.70): E

20000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

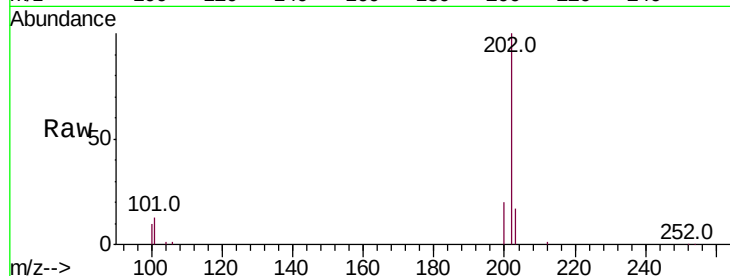




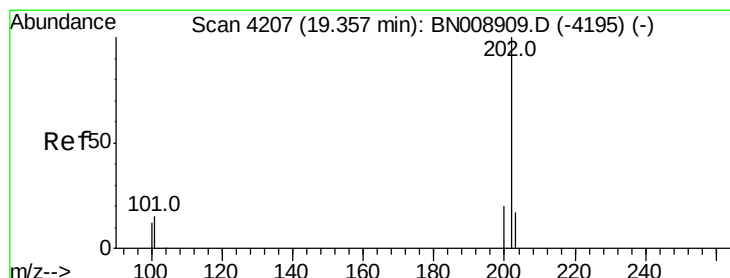
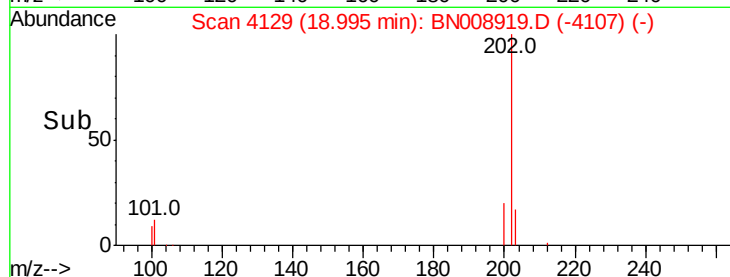
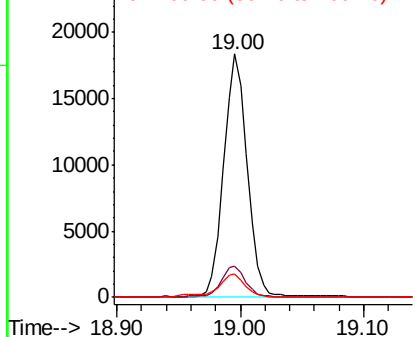
#15
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008919.D
Acq: 11 Dec 2019 16:23

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp: 23948
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.4
100 9.7 0.0 29.2

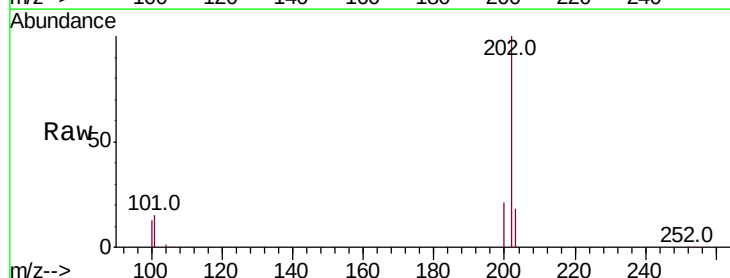


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

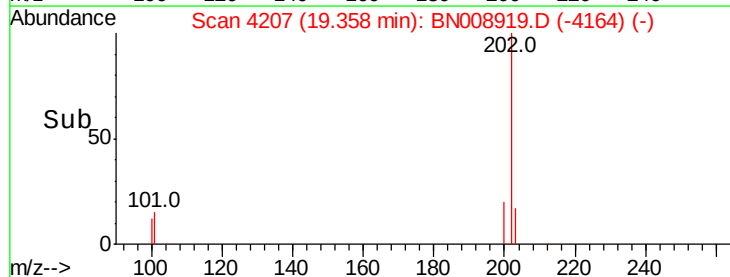
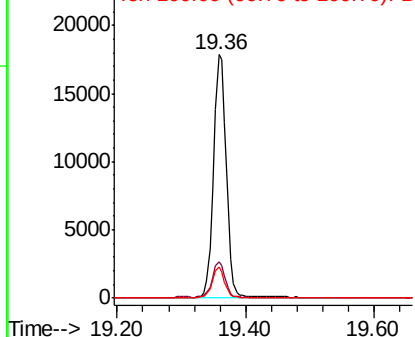


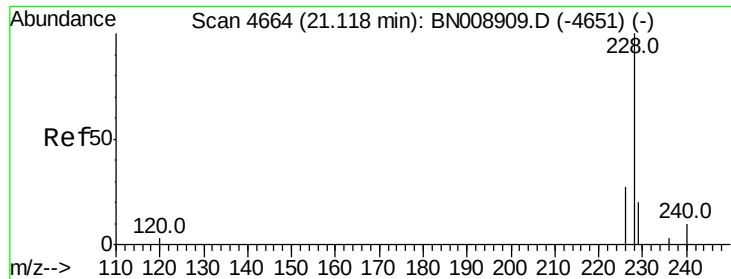
#17
Pyrene
Concen: 0.434 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008919.D
Acq: 11 Dec 2019 16:23

Tgt Ion:202 Resp: 24287
Ion Ratio Lower Upper
202 100
101 15.1 12.2 18.4
100 12.7 9.5 14.3



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: 0.433 ng/ul

RT: 21.12 min Scan# 4664

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

Instrument :

BNA_N

ClientSampled :

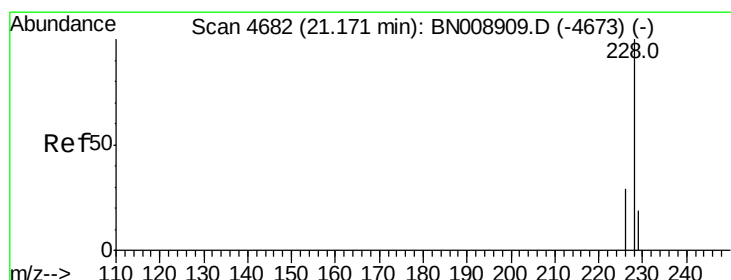
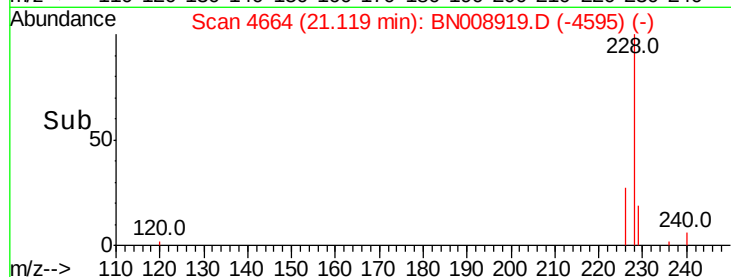
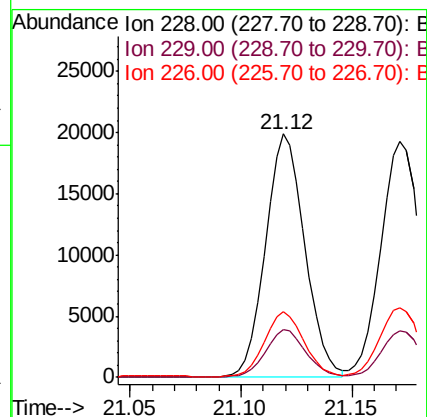
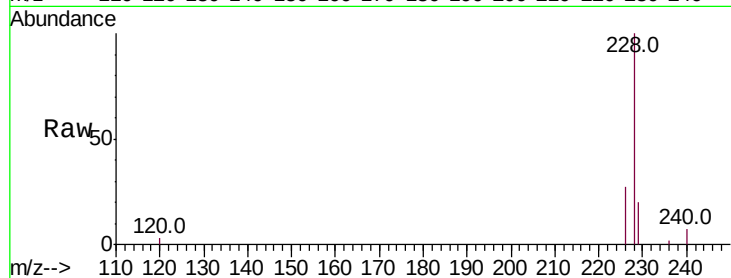
Tot Ion:228 Resp: 24263

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.1 21.5 32.3



#19

Chrysene

Concen: 0.432 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

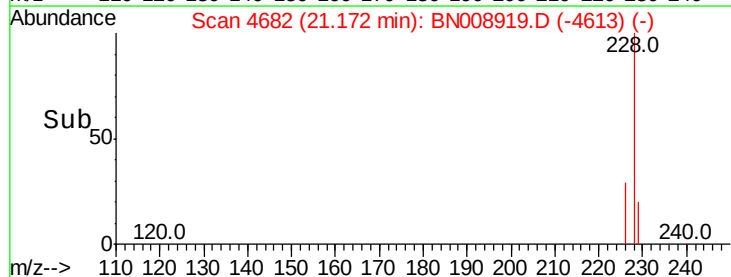
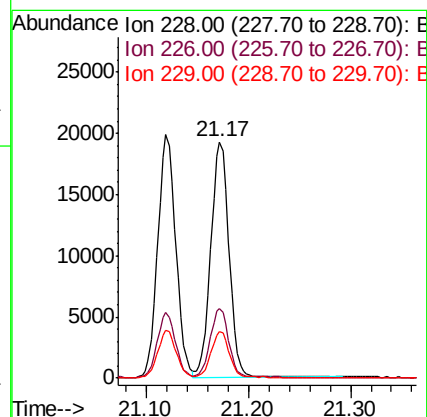
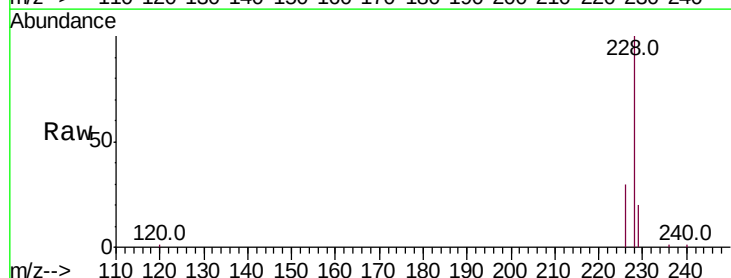
Tgt Ion:228 Resp: 23811

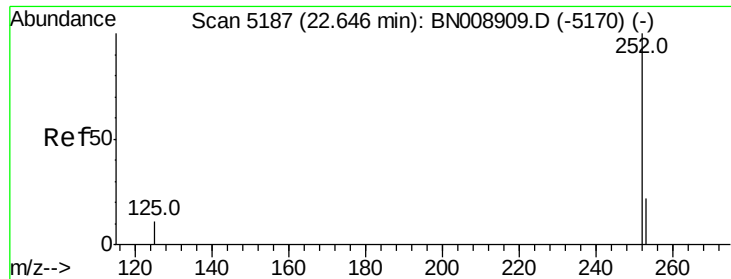
Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.8 15.6 23.4





#21

Benzo(b)fluoranthene

Concen: 0.403 ng/ul

RT: 22.65 min Scan# 5188

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

Instrument :

BNA_N

ClientSampleId :

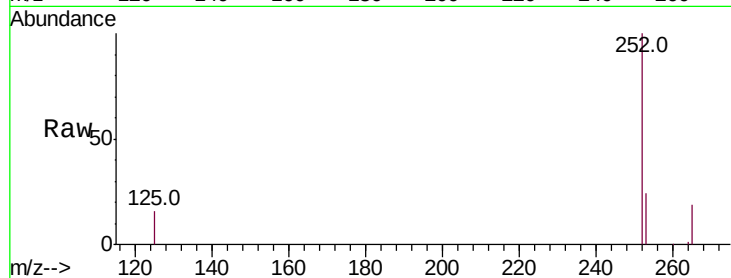
Tot Ion:252 Resp: 23937

Ion Ratio Lower Upper

252 100

253 24.4 0.0 48.6

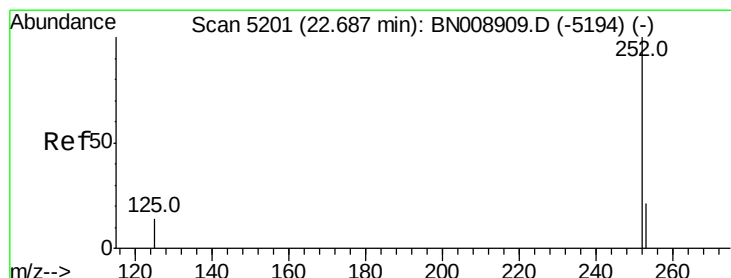
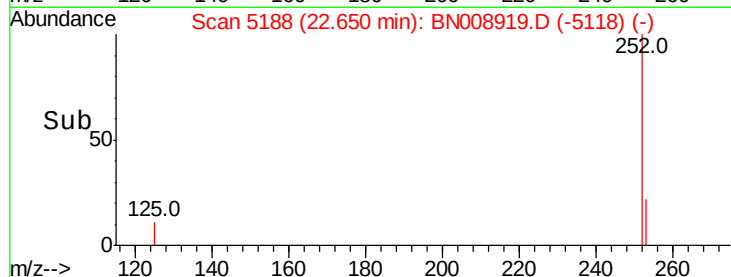
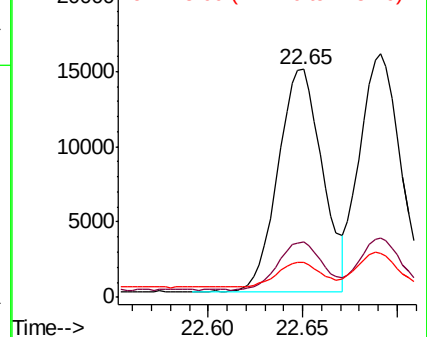
125 15.5 0.0 31.6



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



#22

Benzo(k)fluoranthene

Concen: 0.405 ng/ul

RT: 22.69 min Scan# 5202

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

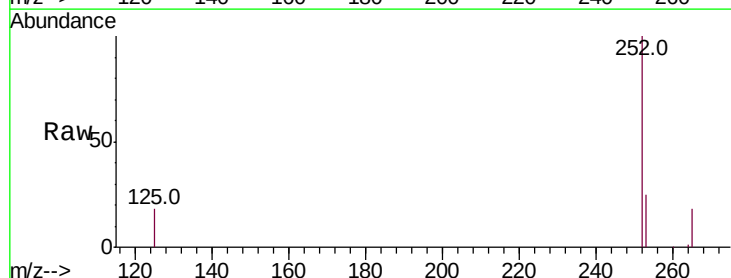
Tgt Ion:252 Resp: 23892

Ion Ratio Lower Upper

252 100

253 24.6 19.6 29.4

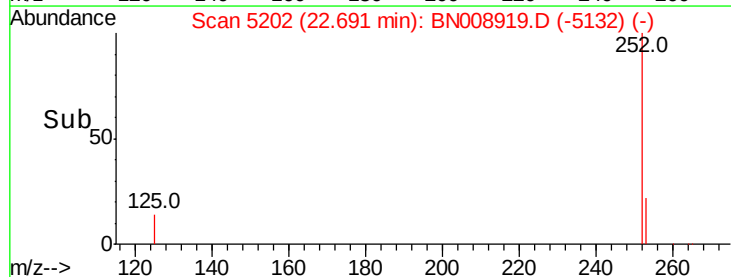
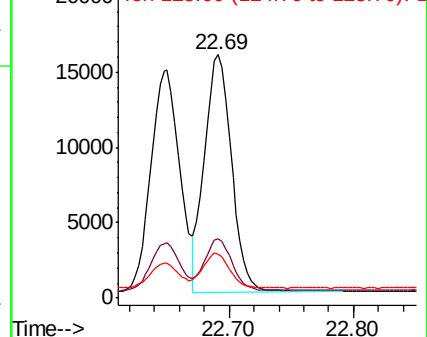
125 18.2 13.8 20.6

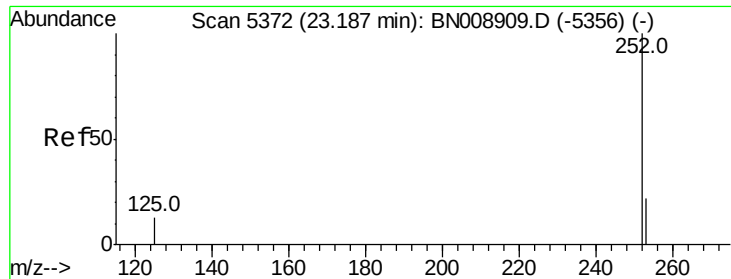


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.19 min Scan# 5372

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

Instrument :

BNA_N

ClientSampleId :

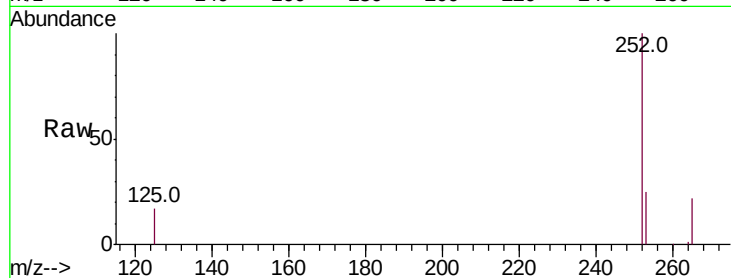
Tot Ion:252 Resp: 22215

Ion Ratio Lower Upper

252 100

253 25.3 19.9 29.9

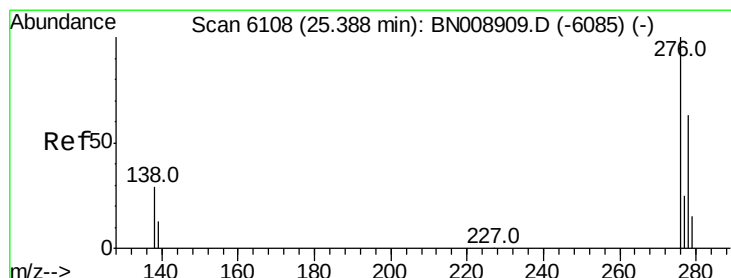
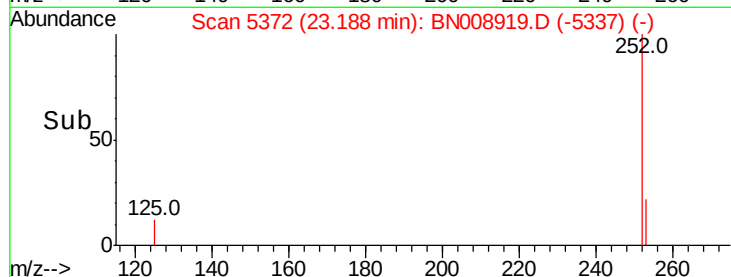
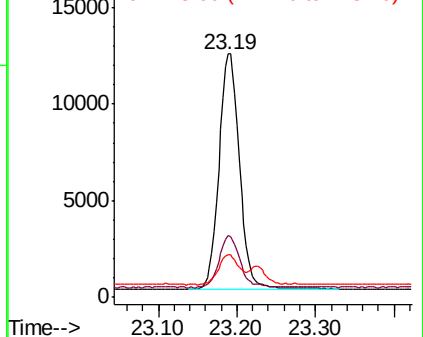
125 17.3 14.6 22.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng/ul

RT: 25.39 min Scan# 6109

Delta R.T. 0.00 min

Lab File: BN008919.D

Acq: 11 Dec 2019 16:23

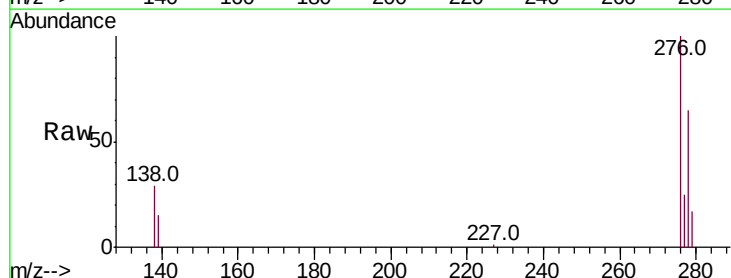
Tgt Ion:276 Resp: 23863

Ion Ratio Lower Upper

276 100

138 29.6 23.8 35.6

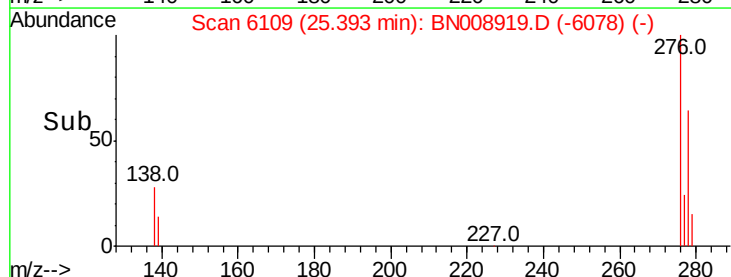
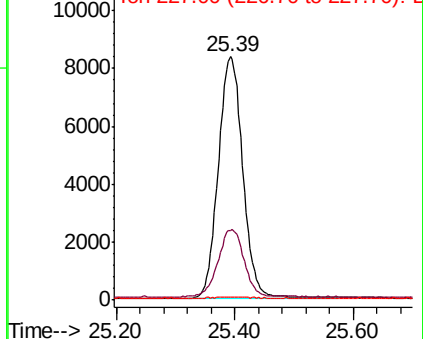
227 0.2 0.2 0.2

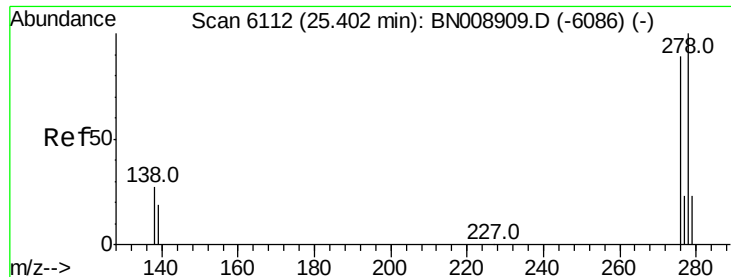


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



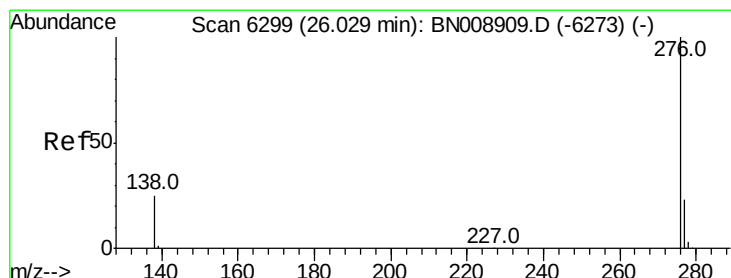
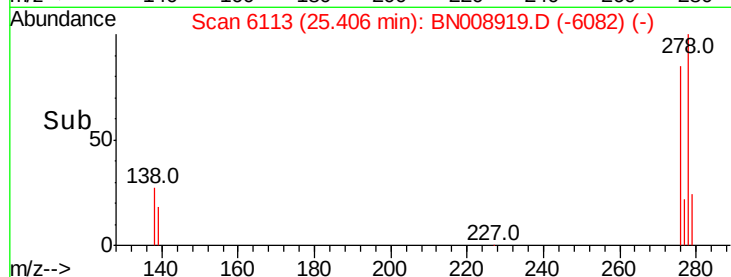
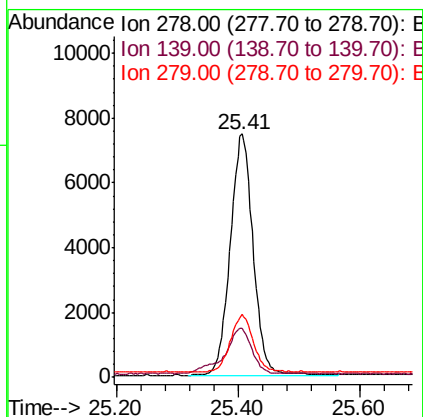
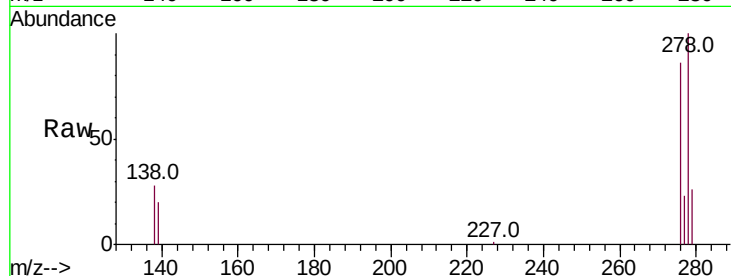


#25

Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.41 min Scan# 6113
Delta R.T. 0.00 min
Lab File: BN008919.D
Acq: 11 Dec 2019 16:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 19313
Ion Ratio Lower Upper
278 100
139 20.0 17.4 26.0
279 25.8 20.5 30.7



#26

Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 26.03 min Scan# 6299
Delta R.T. 0.00 min
Lab File: BN008919.D
Acq: 11 Dec 2019 16:23

Tgt Ion:276 Resp: 19608
Ion Ratio Lower Upper
276 100
138 25.4 21.9 32.9
277 24.9 19.9 29.9

