

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008361.D
 Acq On : 23 Oct 2019 22:07
 Operator : JU
 Sample : K5223-18DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:39:12 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1727	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8323	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.21	164	5315	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11137	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	9330	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	7519	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	585	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1805	0.05	ng/ul	-0.01

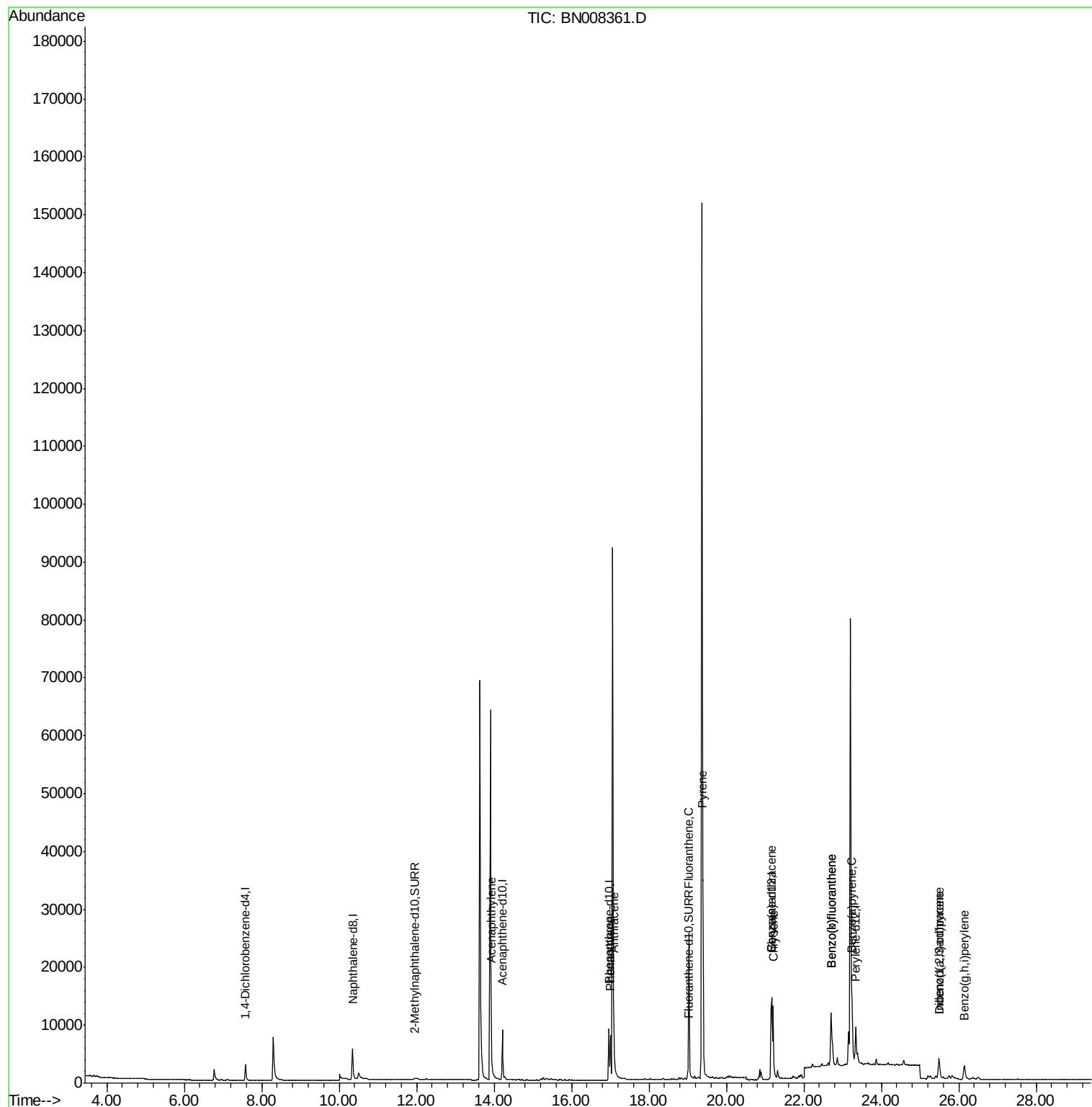
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	919	0.036	ng/ul#	81
12) Phenanthrene	17.00	178	8585	0.263	ng/ul	99
13) Anthracene	17.09	178	1887	0.066	ng/ul#	87
15) Fluoranthene	19.03	202	24284	0.564	ng/ul	96
17) Pyrene	19.39	202	25585	0.689	ng/ul	96
18) Benzo(a)anthracene	21.15	228	13240	0.390	ng/ul	96
19) Chrysene	21.20	228	12879	0.309	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	20553	0.840	ng/ul	95
22) Benzo(k)fluoranthene	22.70	252	20553	0.741	ng/ul#	94
23) Benzo(a)pyrene	23.24	252	9772	0.379	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.49	276	6162	0.203	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	1331	0.056	ng/ul#	59
26) Benzo(g,h,i)perylene	26.14	276	5167	0.186	ng/ul#	93

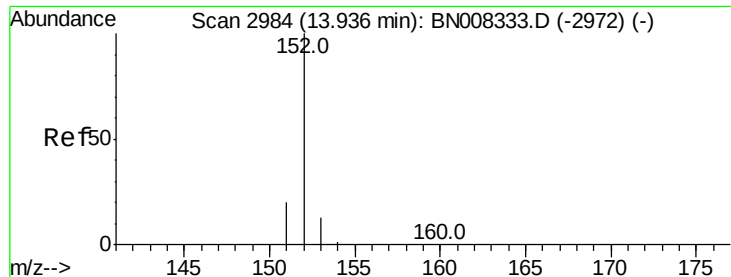
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

ClientSampleId :

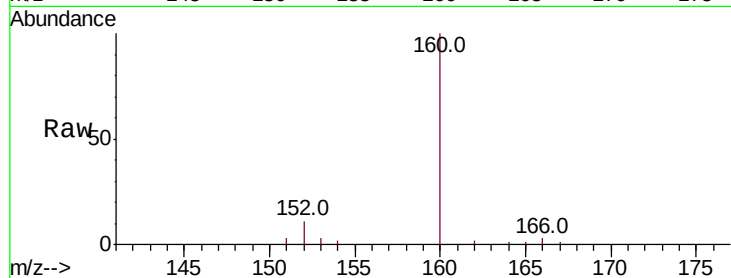
Tot Ion:152 Resp: 919

Ion Ratio Lower Upper

152 100

151 27.6 16.2 24.4#

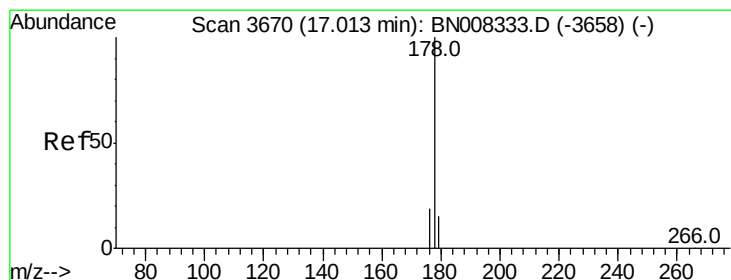
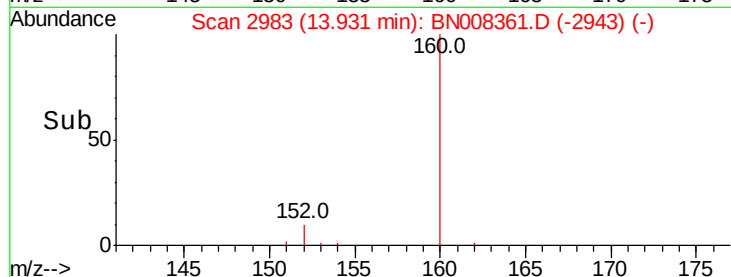
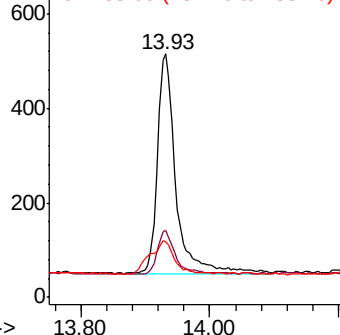
153 22.9 11.0 16.4#



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



#12

Phenanthrene

Concen: 0.263 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

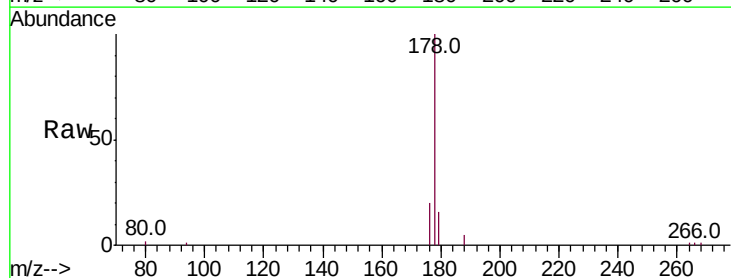
Tgt Ion:178 Resp: 8585

Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

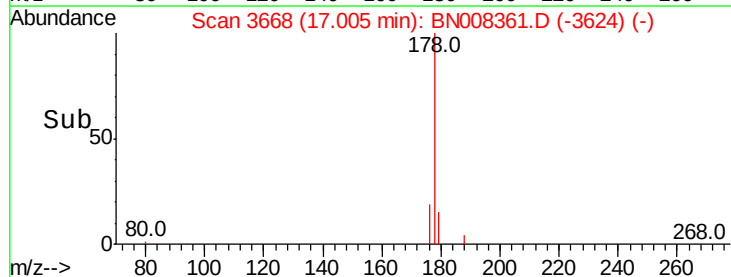
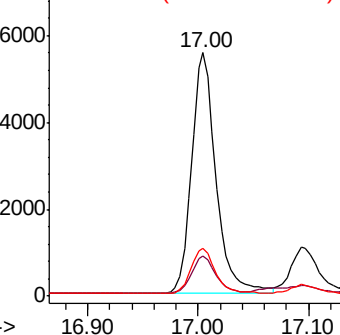
176 19.6 15.4 23.2

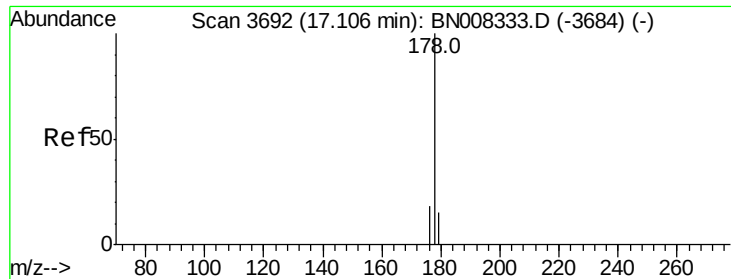


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.066 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

ClientSampleId :

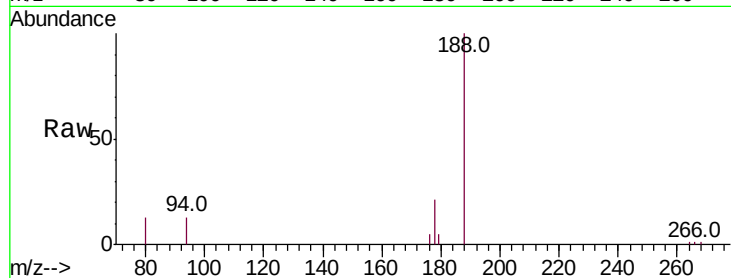
Tot Ion:178 Resp: 1887

Ion Ratio Lower Upper

178 100

179 23.2 13.0 19.6#

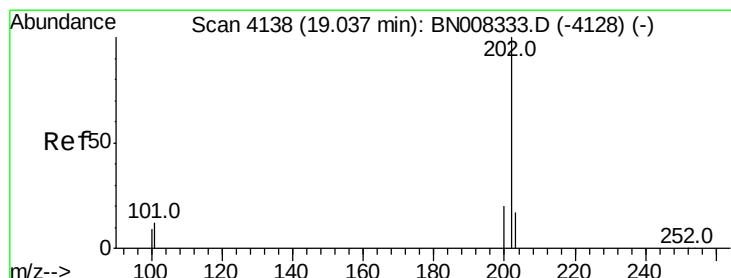
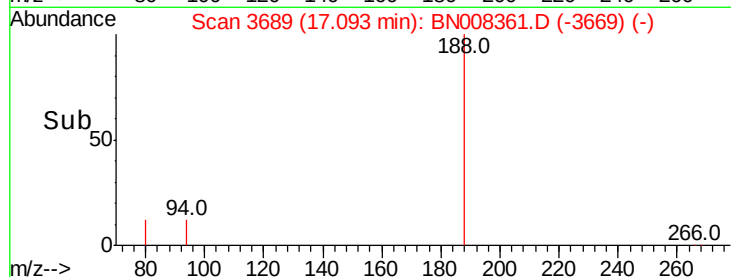
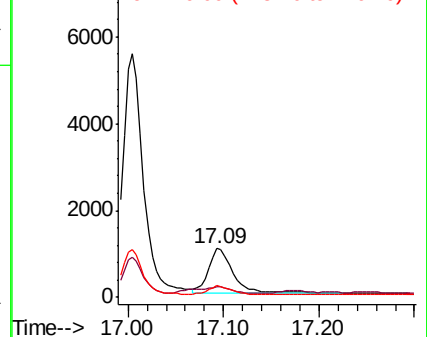
176 23.3 15.0 22.6#



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: 0.564 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

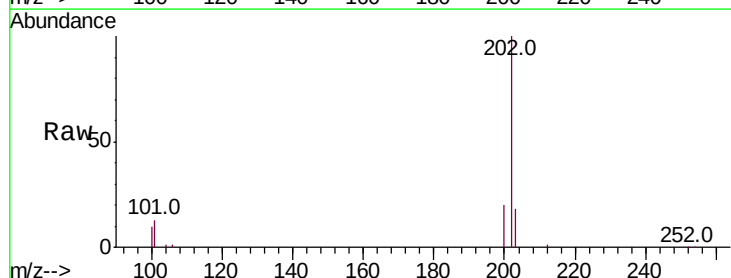
Tgt Ion:202 Resp: 24284

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.2

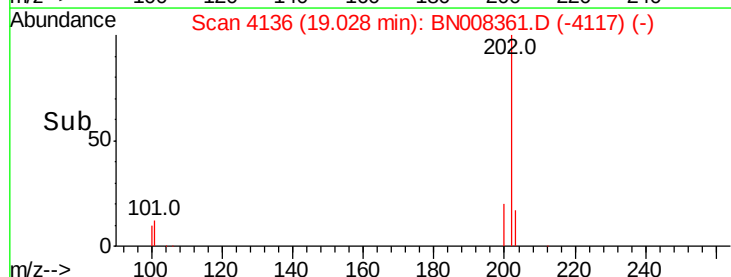
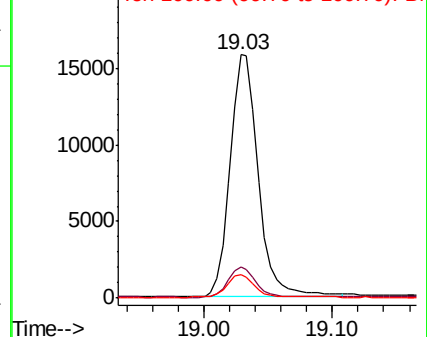
100 9.8 0.0 28.5

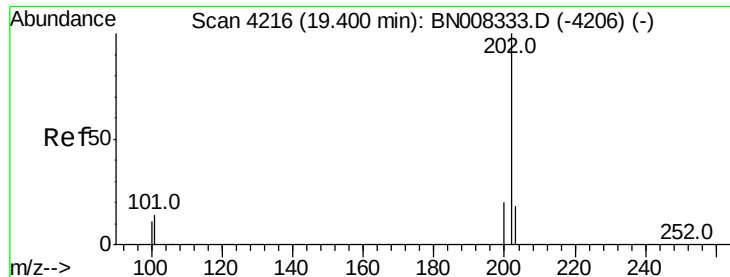


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

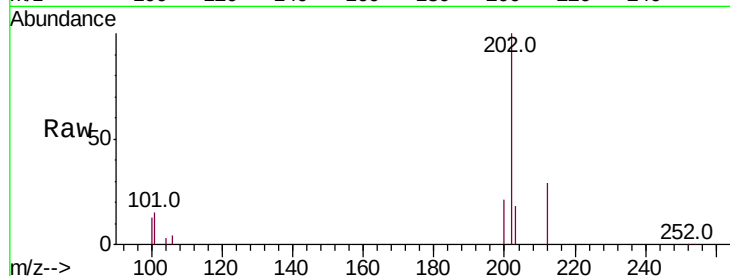




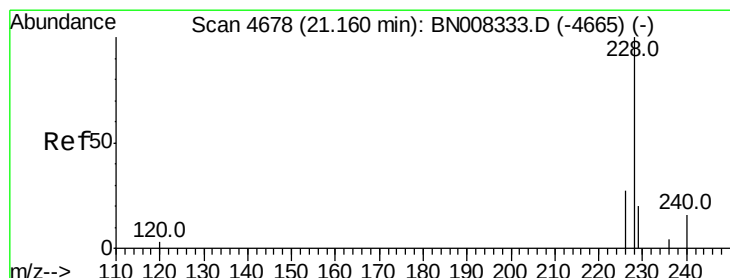
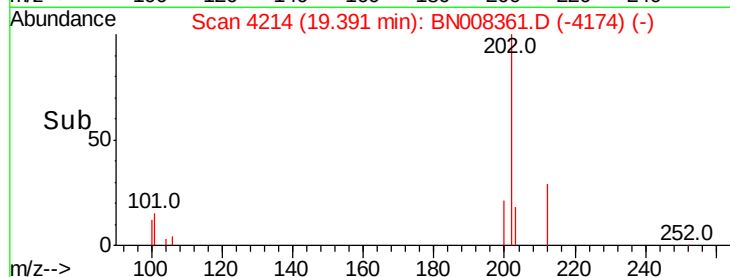
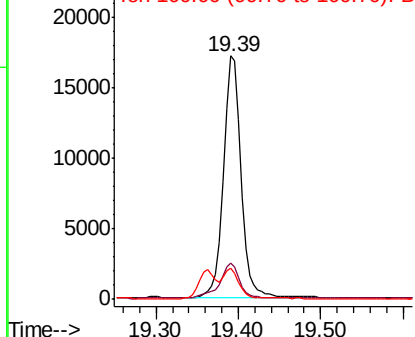
#17
Pvrene
Concen: 0.689 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008361.D
Acq: 23 Oct 2019 22:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 25585
Ion Ratio Lower Upper
202 100
101 14.9 10.9 16.3
100 12.7 8.7 13.1

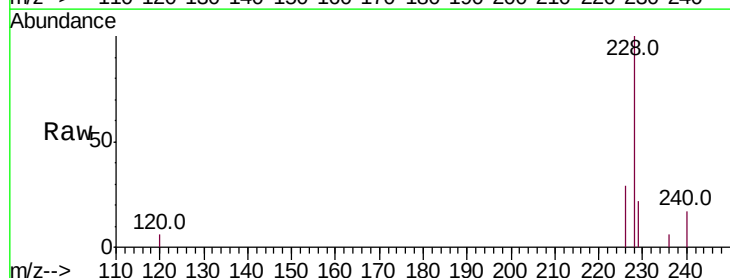


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

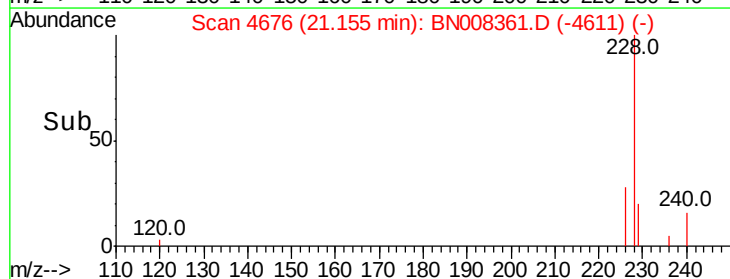
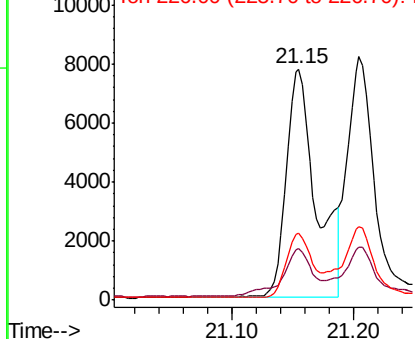


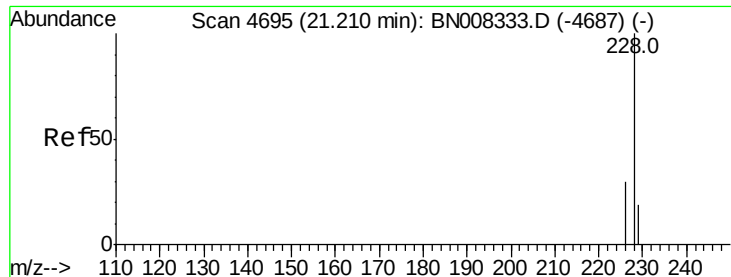
#18
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008361.D
Acq: 23 Oct 2019 22:07

Tgt Ion:228 Resp: 13240
Ion Ratio Lower Upper
228 100
229 22.1 16.2 24.2
226 29.0 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: 0.309 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

ClientSampled :

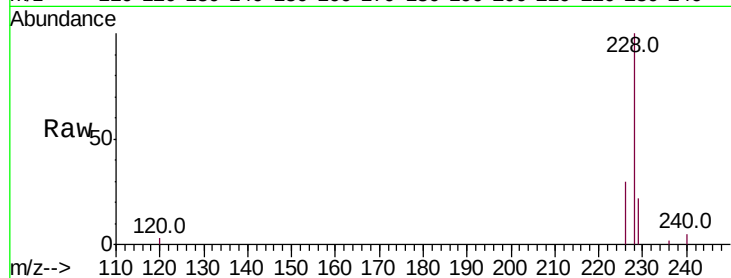
Tot Ion:228 Resp: 12879

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

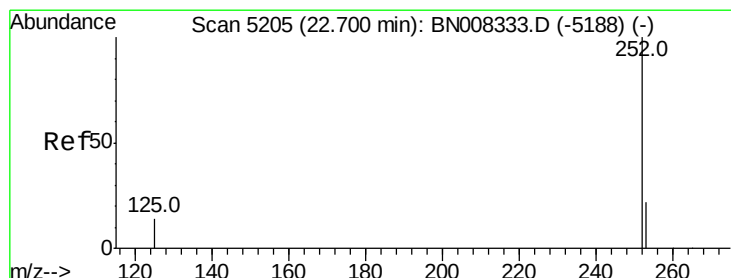
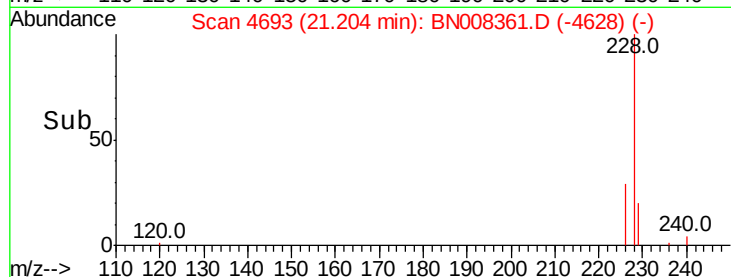
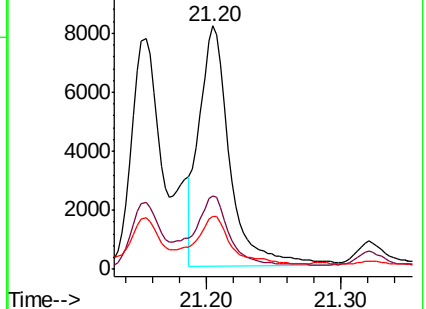
229 21.5 16.2 24.2



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: 0.840 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.01 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

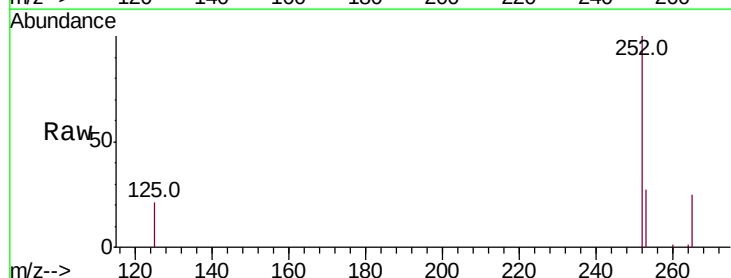
Tgt Ion:252 Resp: 20553

Ion Ratio Lower Upper

252 100

253 27.3 0.0 53.4

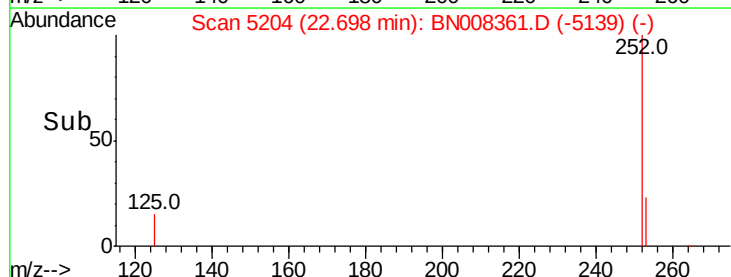
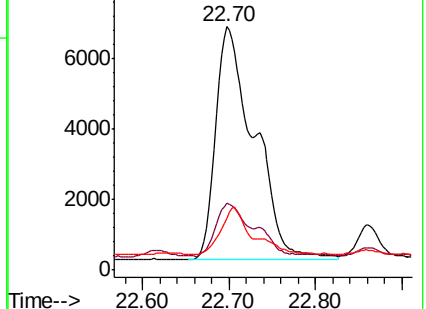
125 21.3 0.0 32.4

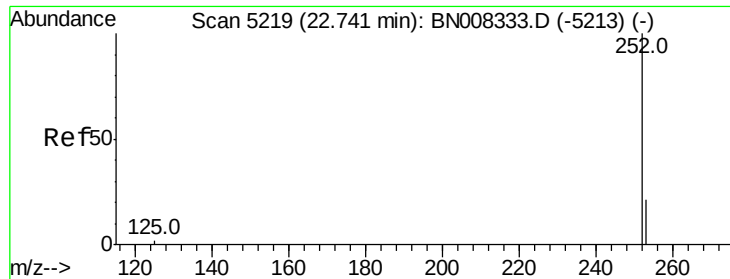


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.741 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.05 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

ClientSampleId :

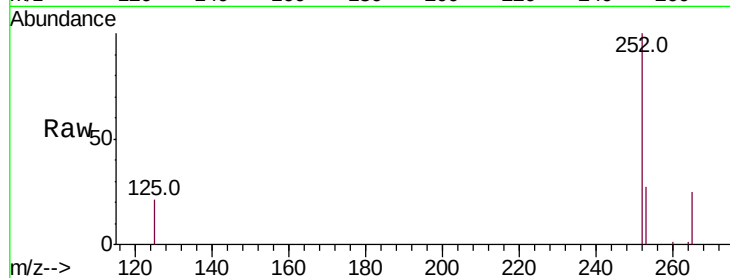
Tot Ion:252 Resp: 20553

Ion Ratio Lower Upper

252 100

253 27.3 21.3 31.9

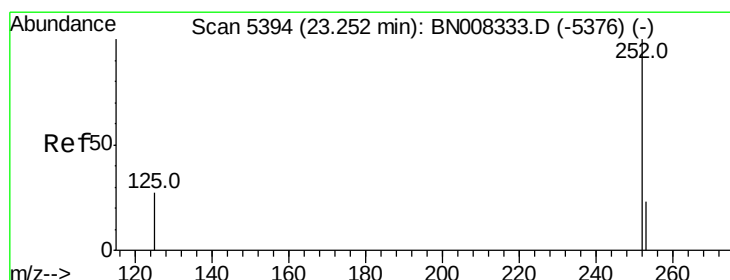
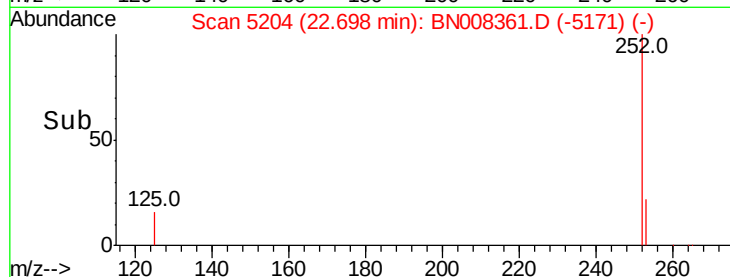
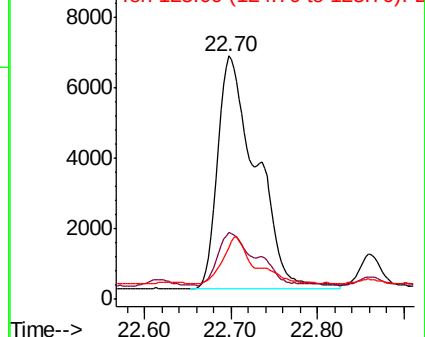
125 21.3 12.3 18.5#



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: 0.379 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.02 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

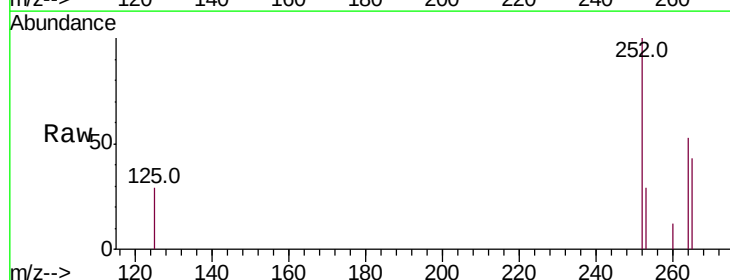
Tgt Ion:252 Resp: 9772

Ion Ratio Lower Upper

252 100

253 28.7 22.8 34.2

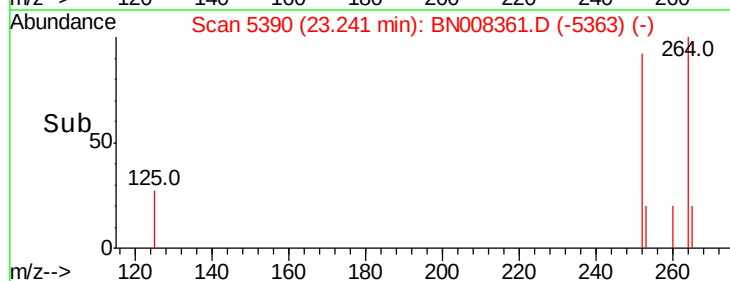
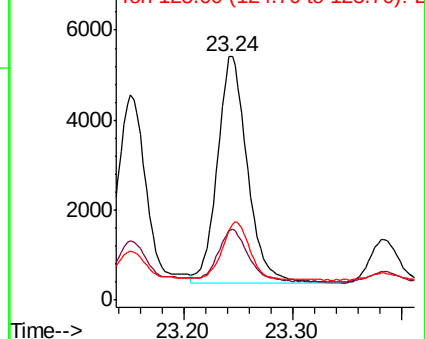
125 28.6 18.4 27.6#

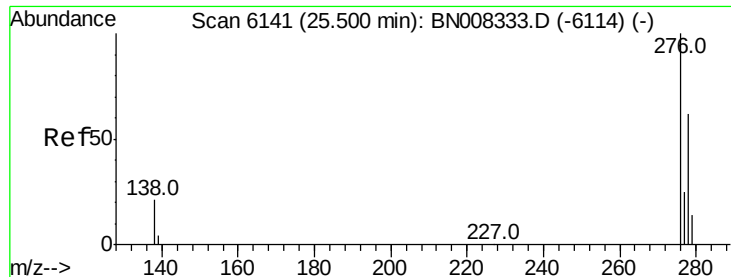


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



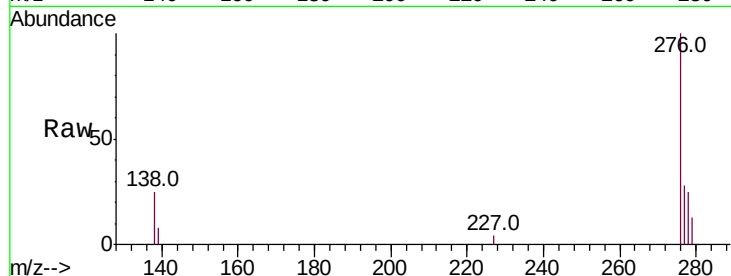


#24

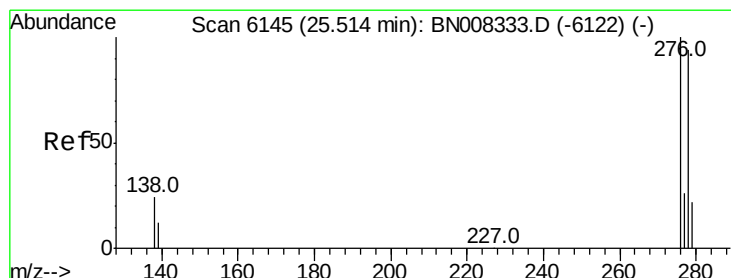
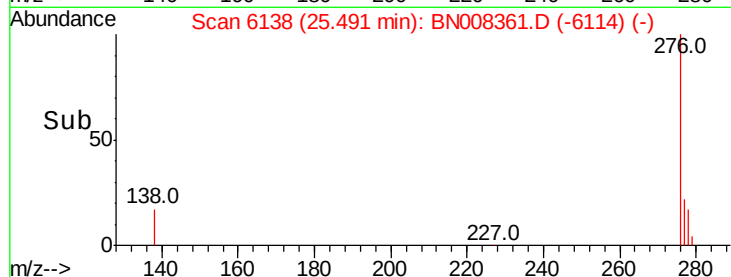
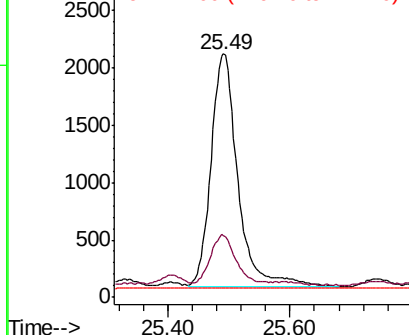
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008361.D
Acq: 23 Oct 2019 22:07

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp: 6162
Ion Ratio Lower Upper
276 100
138 21.9 16.1 24.1
227 0.1 0.2 0.2#



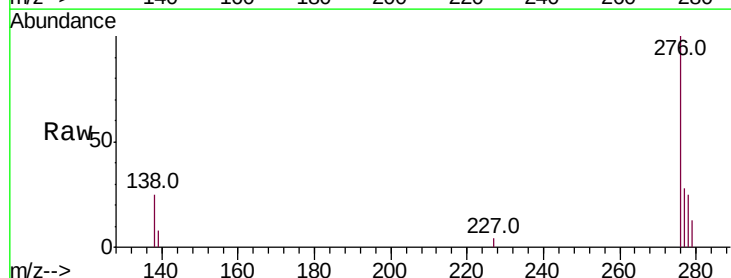
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



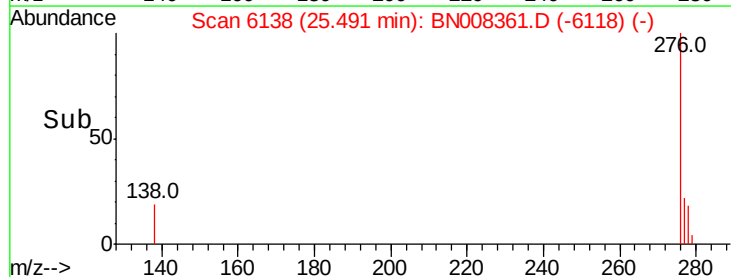
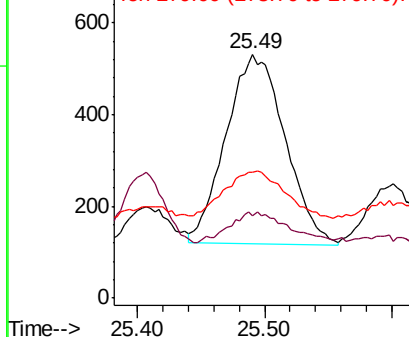
#25

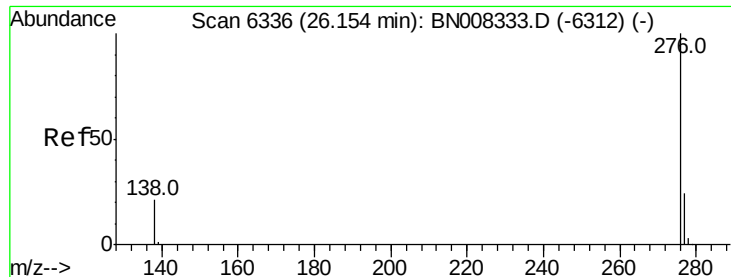
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008361.D
Acq: 23 Oct 2019 22:07

Tgt Ion:278 Resp: 1331
Ion Ratio Lower Upper
278 100
139 33.9 15.0 22.6#
279 51.8 22.4 33.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.186 ng/ul

RT: 26.14 min Scan# 6333

Delta R.T. -0.02 min

Lab File: BN008361.D

Acq: 23 Oct 2019 22:07

Instrument :

BNA_N

ClientSampleId :

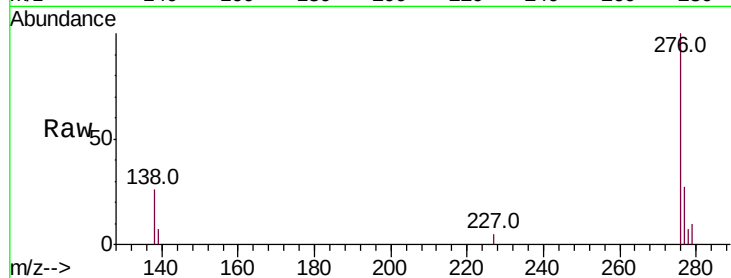
Tot Ion:276 Resp: 5167

Ion Ratio Lower Upper

276 100

138 26.3 17.0 25.4#

277 27.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

