

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008185.D
 Acq On : 15 Oct 2019 22:13
 Operator : JU
 Sample : K5175-13
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:43:32 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 15 15:13:35 2019
 Response via : Initial Calibration

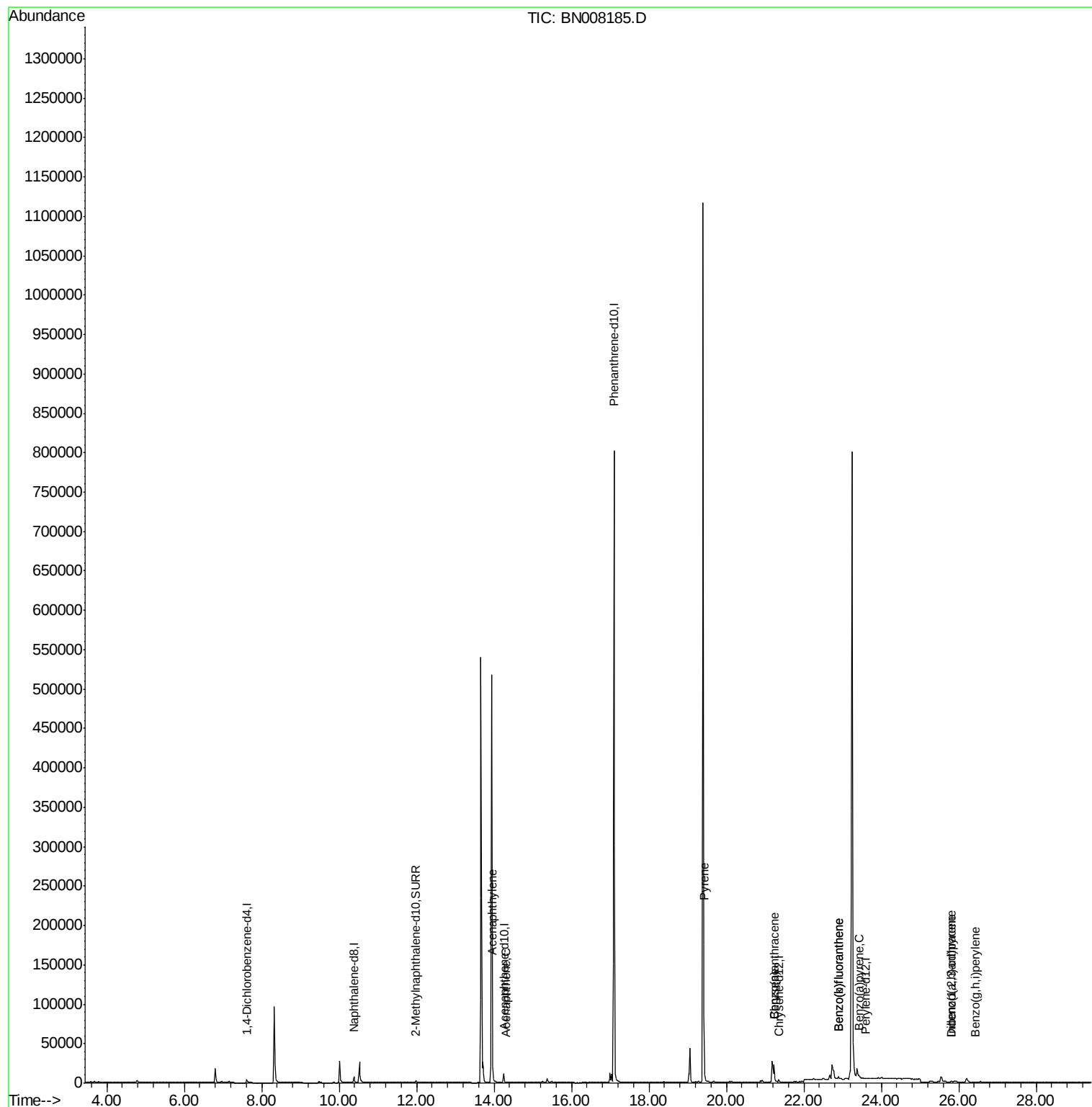
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1992	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	9874	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6330	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	897946	0.40	ng/ul	0.09
16) Chrysene-d12	21.36	240	44	0.40	ng/ul	0.16
20) Perylene-d12	23.59	264	14	0.40	ng/ul	0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4040	0.24	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	13.96	152	1930	0.064	ng/ul#	75
8) Acenaphthene	14.31	153	535	0.023	ng/ul#	94
17) Pyrene	19.42	202	37204	212.359	ng/ul	97
18) Benzo(a)anthracene	21.23	228	24445	152.810	ng/ul	94
19) Chrysene	21.23	228	23577	120.097	ng/ul	98
21) Benzo(b)fluoranthene	22.90	252	4651	102.052	ng/ul#	61
22) Benzo(k)fluoranthene	22.90	252	4651	90.089	ng/ul#	60
23) Benzo(a)pyrene	23.42	252	4195	87.471	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.80	276	446	7.896	ng/ul#	62
25) Dibenzo(a,h)anthracene	25.80	278	1770	39.642	ng/ul#	45
26) Benzo(g,h,i)perylene	26.41	276	253	4.885	ng/ul#	1

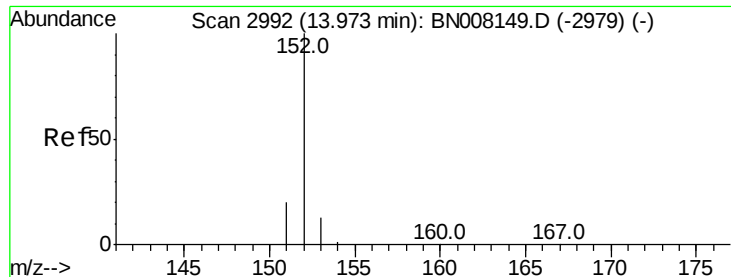
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

Instrument :

BNA_N

ClientSampleId :

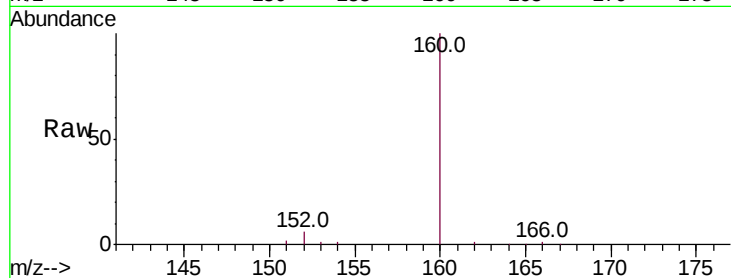
Tot Ion:152 Resp: 1930

Ion Ratio Lower Upper

152 100

151 35.1 16.2 24.4#

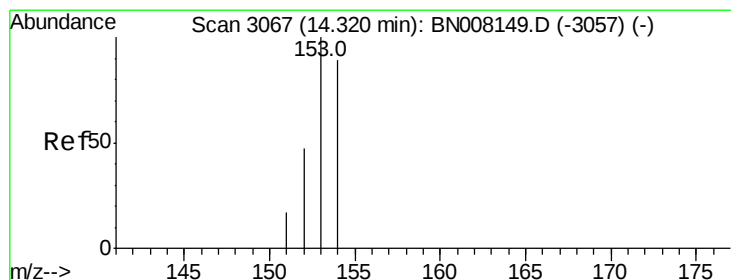
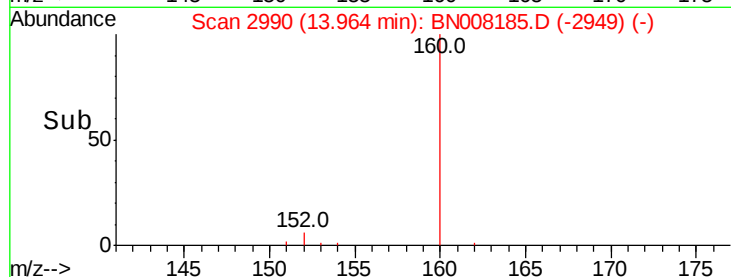
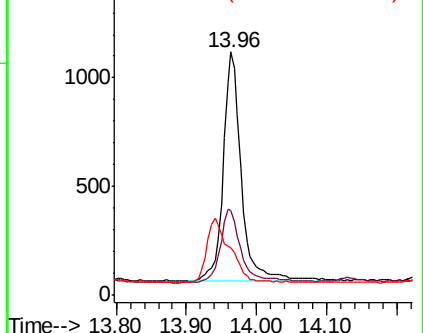
153 19.4 11.0 16.4#



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: 0.023 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

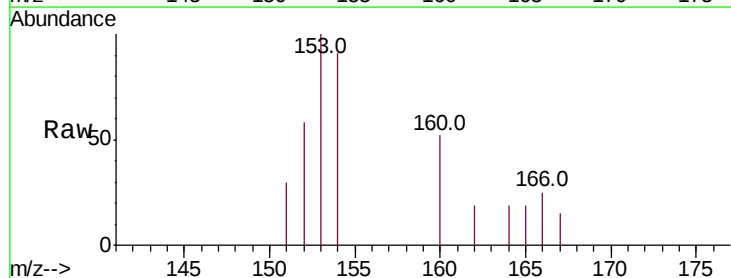
Tgt Ion:153 Resp: 535

Ion Ratio Lower Upper

153 100

152 57.6 38.2 57.2#

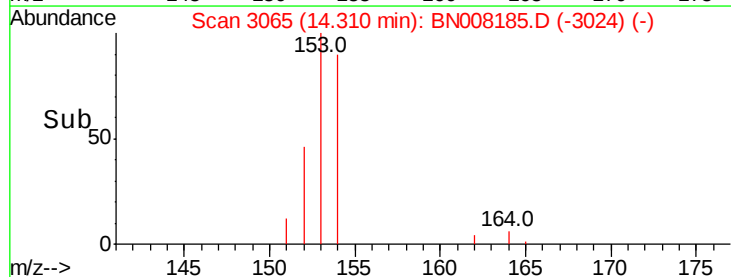
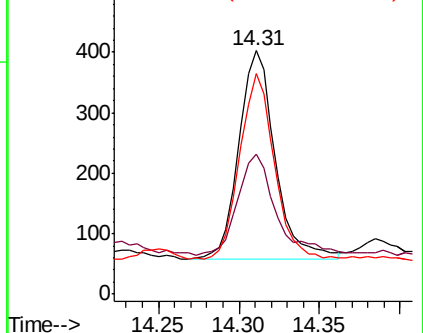
154 90.8 71.8 107.8

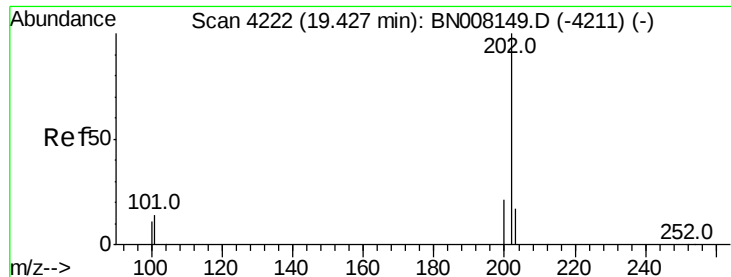


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#17

Pvrene

Concen: 212.359 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

Instrument :

BNA_N

ClientSampleId :

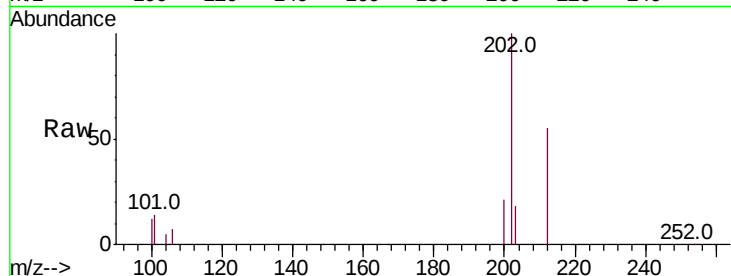
Tot Ion:202 Resp: 37204

Ion Ratio Lower Upper

202 100

101 14.4 10.9 16.3

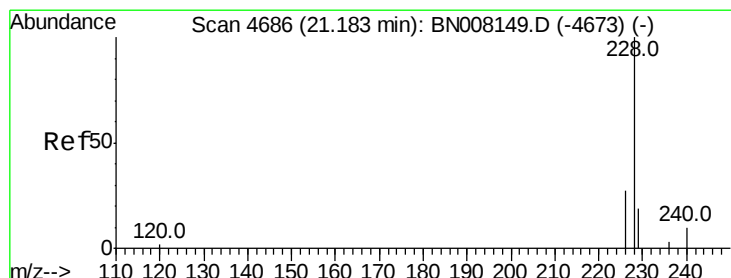
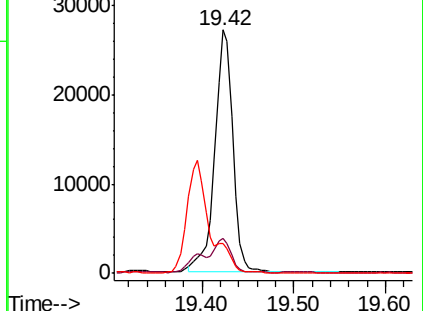
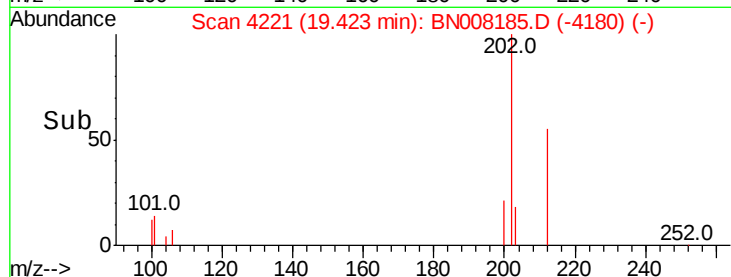
100 12.4 8.7 13.1



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: 152.810 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. 0.04 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

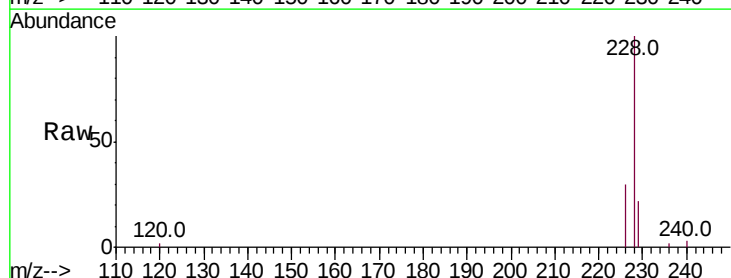
Tgt Ion:228 Resp: 24445

Ion Ratio Lower Upper

228 100

229 22.5 16.2 24.2

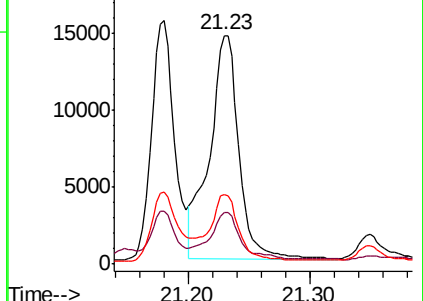
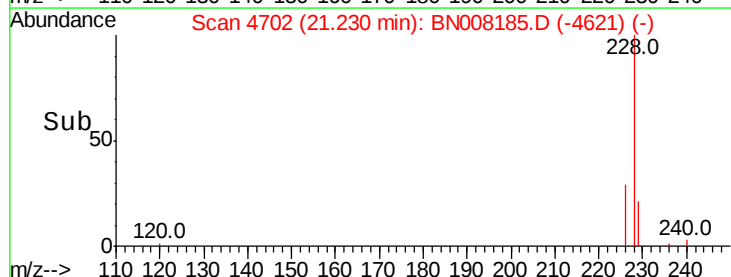
226 30.5 21.4 32.0

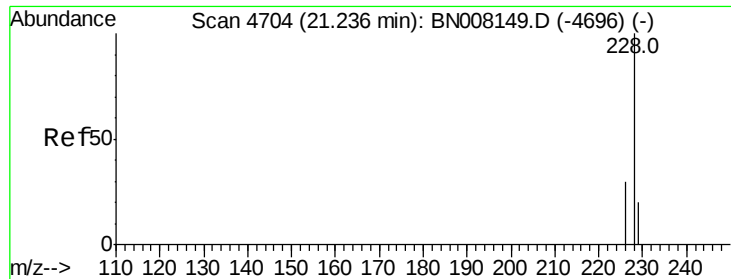


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 120.097 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

Instrument :

BNA_N

ClientSampleId :

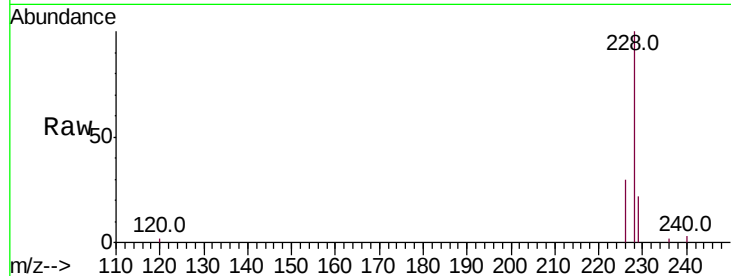
Tot Ion:228 Resp: 23577

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

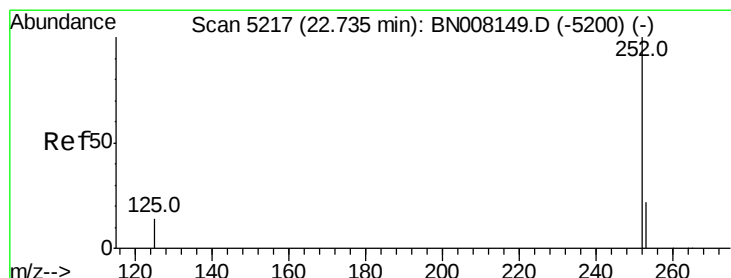
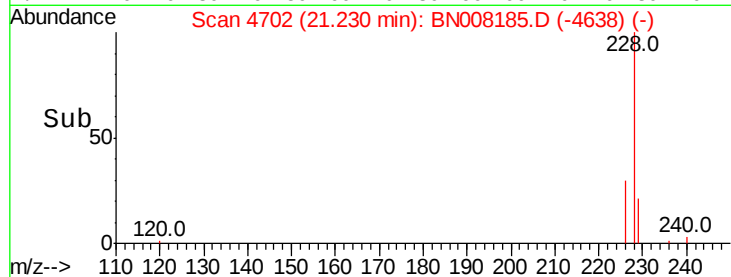
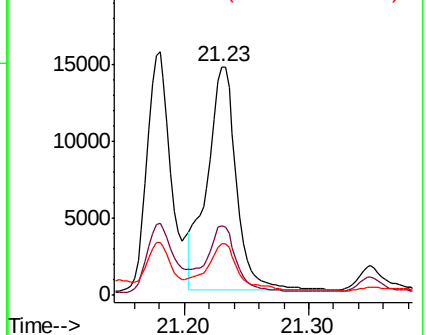
229 22.5 16.2 24.2



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: 102.052 ng/ul

RT: 22.90 min Scan# 5272

Delta R.T. 0.15 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

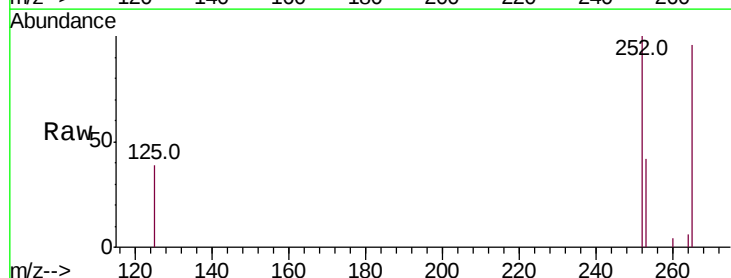
Tgt Ion:252 Resp: 4651

Ion Ratio Lower Upper

252 100

253 42.4 0.0 53.4

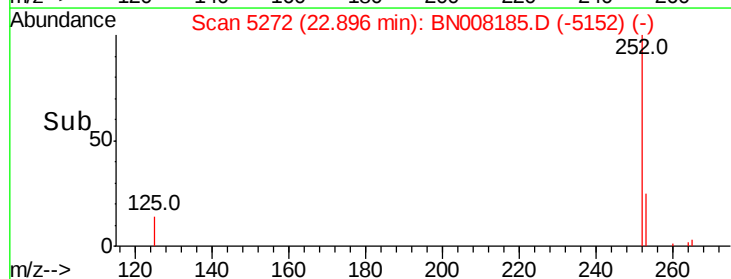
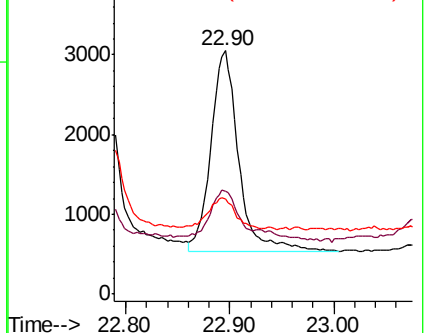
125 38.9 0.0 32.4#

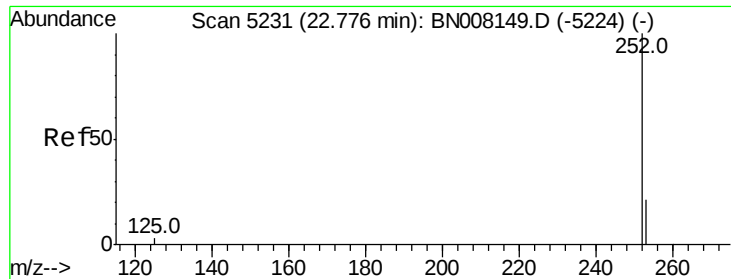


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 90.089 ng/ul

RT: 22.90 min Scan# 5272

Delta R.T. 0.11 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

Instrument :

BNA_N

ClientSampleId :

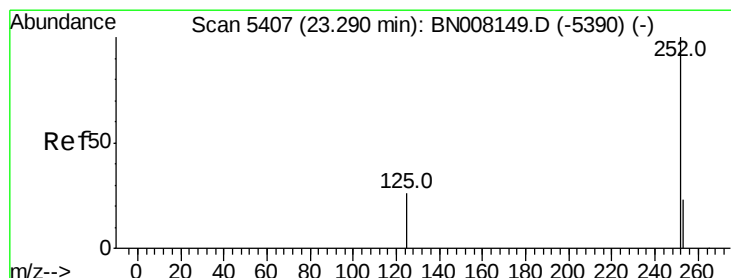
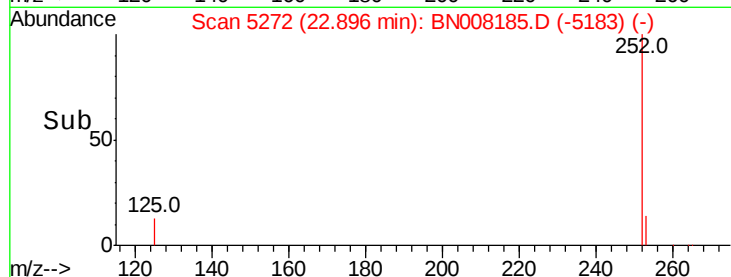
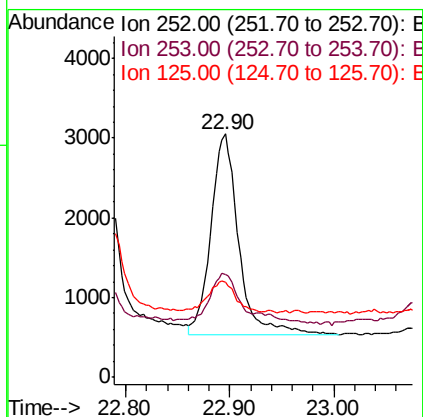
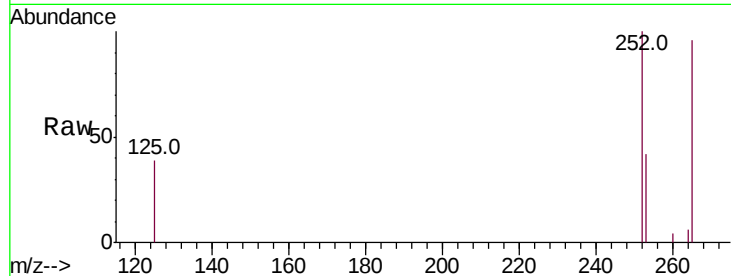
Tot Ion:252 Resp: 4651

Ion Ratio Lower Upper

252 100

253 42.4 21.3 31.9#

125 38.9 12.3 18.5#



#23

Benzo(a)pyrene

Concen: 87.471 ng/ul

RT: 23.42 min Scan# 5452

Delta R.T. 0.12 min

Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

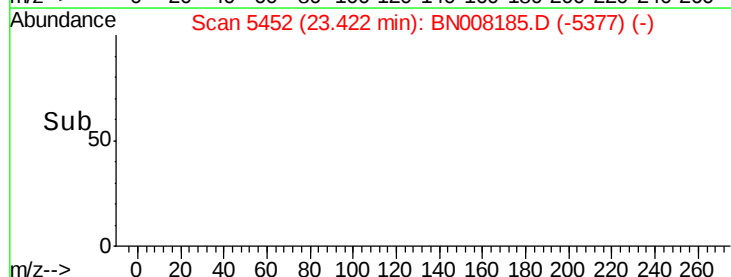
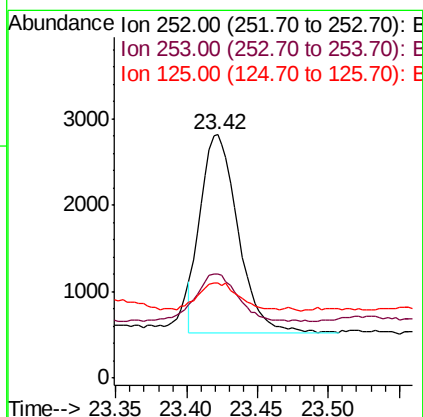
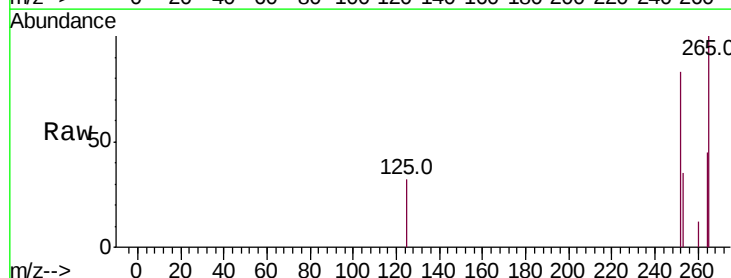
Tgt Ion:252 Resp: 4195

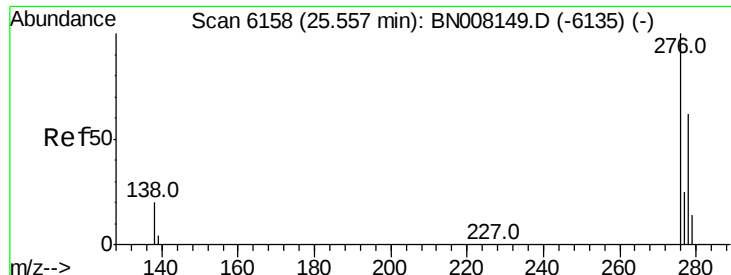
Ion Ratio Lower Upper

252 100

253 42.9 22.8 34.2#

125 39.1 18.4 27.6#



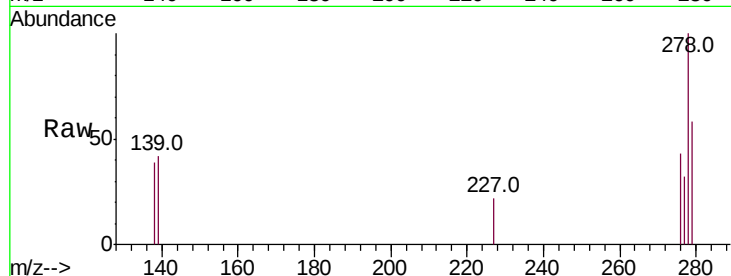


#24

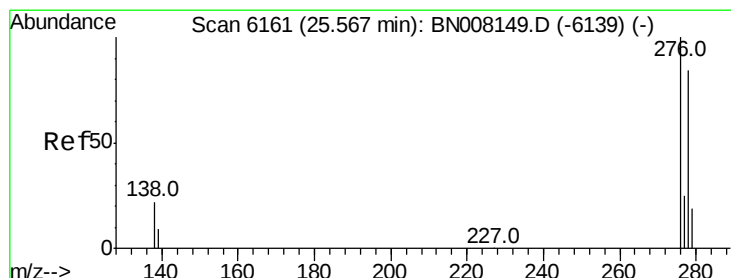
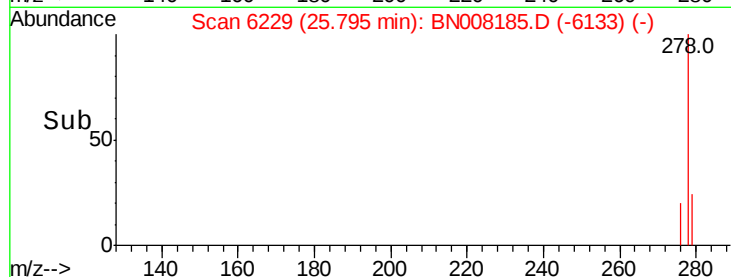
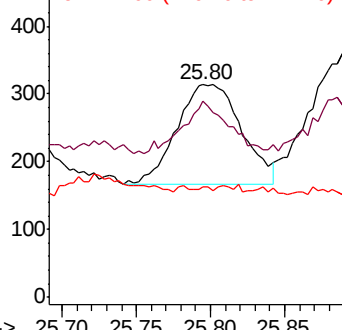
Indeno(1,2,3-cd)pyrene
Concen: 7.896 ng/ul
RT: 25.80 min Scan# 6229
Delta R.T. 0.22 min
Lab File: BN008185.D
Acq: 15 Oct 2019 22:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 446
Ion Ratio Lower Upper
276 100
138 37.7 16.1 24.1#
227 3.6 0.2 0.2#



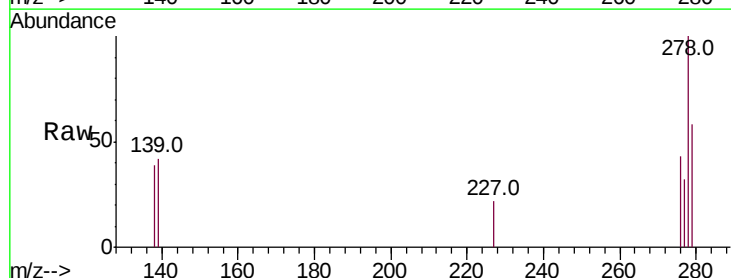
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



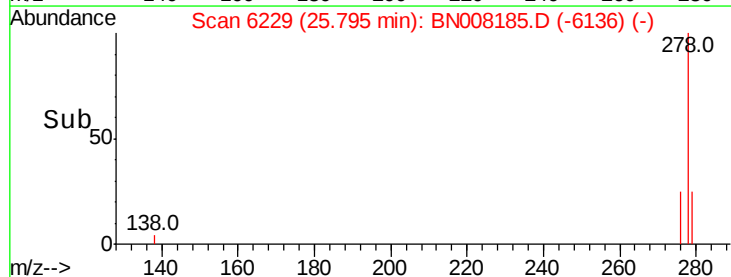
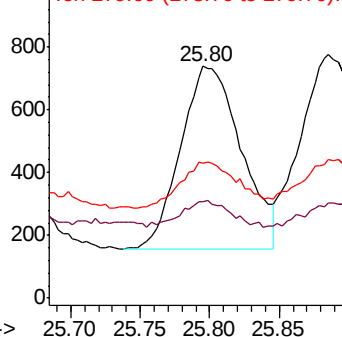
#25

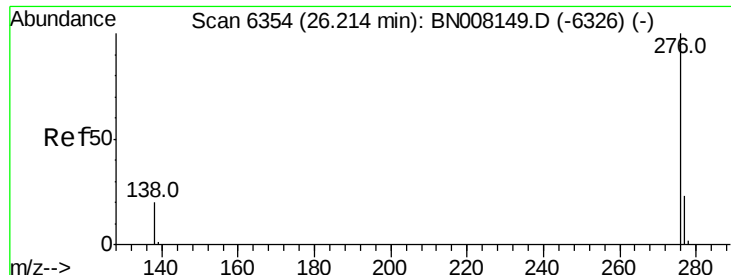
Dibenzo(a,h)anthracene
Concen: 39.642 ng/ul
RT: 25.80 min Scan# 6229
Delta R.T. 0.21 min
Lab File: BN008185.D
Acq: 15 Oct 2019 22:13

Tgt Ion:278 Resp: 1770
Ion Ratio Lower Upper
278 100
139 41.6 15.0 22.6#
279 58.3 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: 4.885 ng/ul

RT: 26.41 min Scan# 6413

Delta R.T. 0.18 min

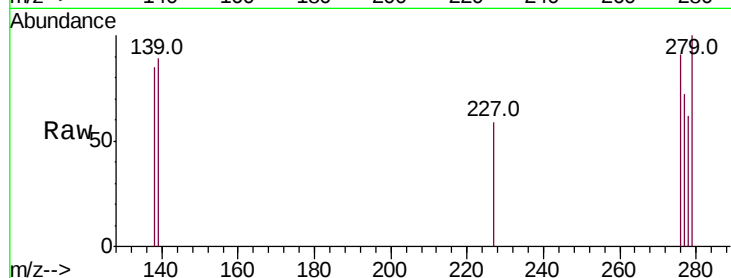
Lab File: BN008185.D

Acq: 15 Oct 2019 22:13

Instrument :

BNA_N

ClientSampleId :



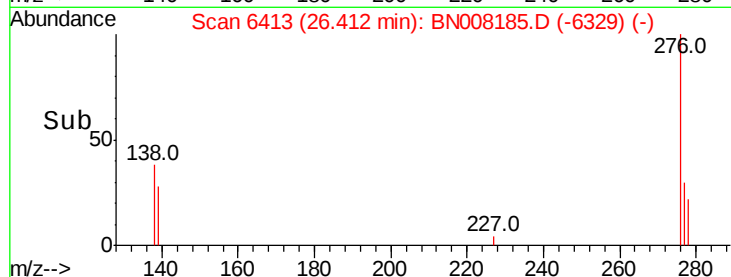
Tot Ion:276 Resp: 253

Ion Ratio Lower Upper

276 100

138 92.9 17.0 25.4#

277 79.3 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

