

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008217.D
 Acq On : 17 Oct 2019 11:59
 Operator : JU
 Sample : K5175-18DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:23 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 : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

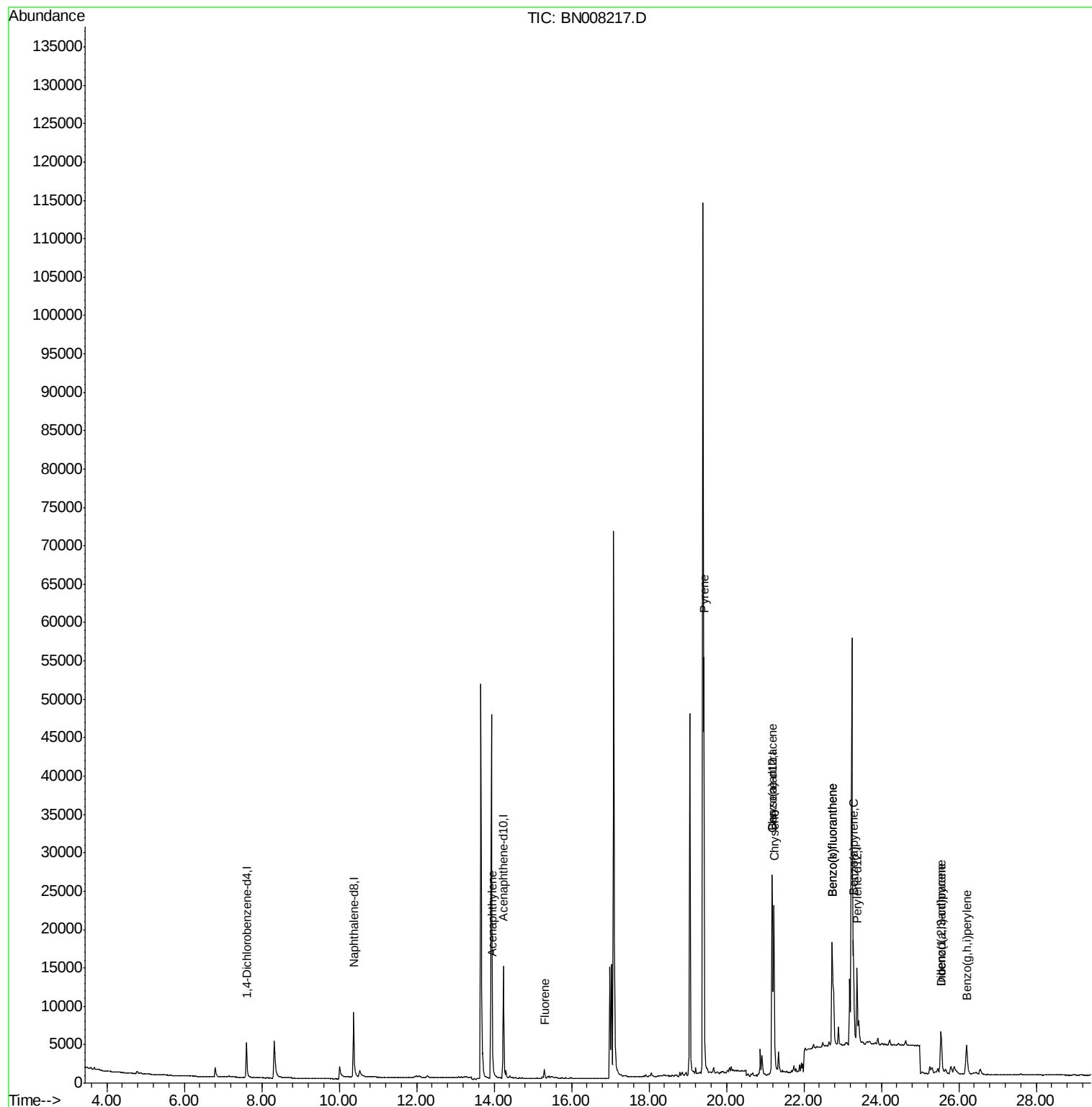
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2741	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8548	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	15303	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11411	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	417	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	1287	0.00	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.96	152	1407	0.035	ng/ul#	88
9) Fluorene	15.30	166	798	0.022	ng/ul#	94
17) Pyrene	19.42	202	45127	0.741	ng/ul	100
18) Benzo(a)anthracene	21.18	228	21167	0.380	ng/ul	96
19) Chrysene	21.23	228	25293	0.370	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	31355	0.844	ng/ul	94
22) Benzo(k)fluoranthene	22.73	252	31355	0.745	ng/ul#	94
23) Benzo(a)pyrene	23.28	252	15202	0.389	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.54	276	9488	0.206	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.54	278	2129	0.059	ng/ul#	58
26) Benzo(g,h,i)perylene	26.20	276	8177	0.194	ng/ul	94

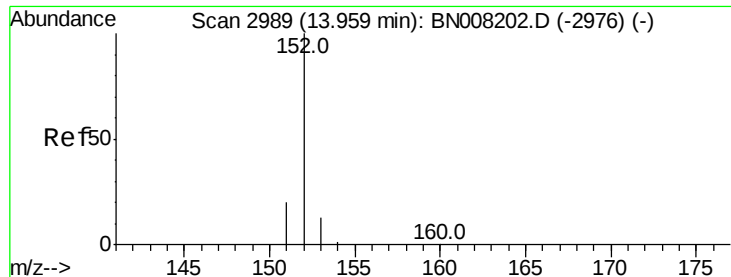
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BN008217.D

Acq: 17 Oct 2019 11:59

Instrument :

BNA_N

ClientSampleId :

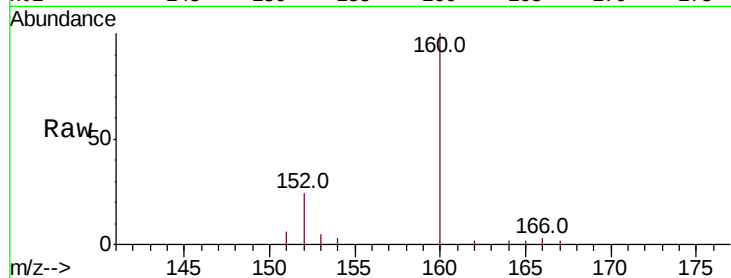
Tot Ion:152 Resp: 1407

Ion Ratio Lower Upper

152 100

151 24.5 16.2 24.4#

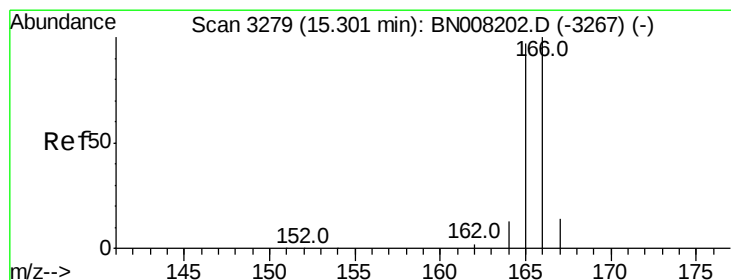
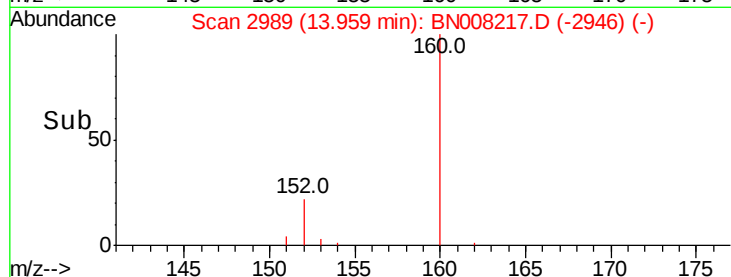
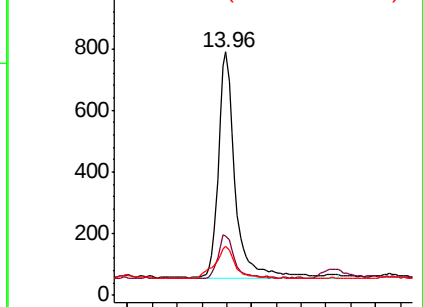
153 20.3 11.0 16.4#



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



#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008217.D

Acq: 17 Oct 2019 11:59

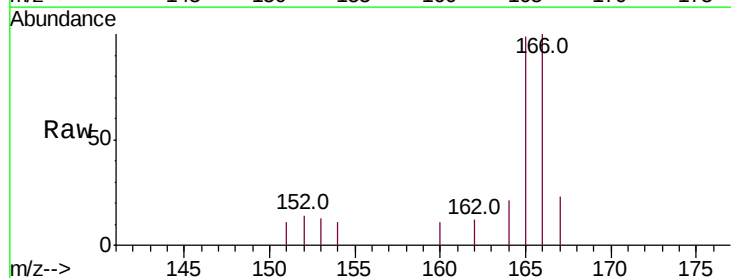
Tgt Ion:166 Resp: 798

Ion Ratio Lower Upper

166 100

165 98.9 76.6 115.0

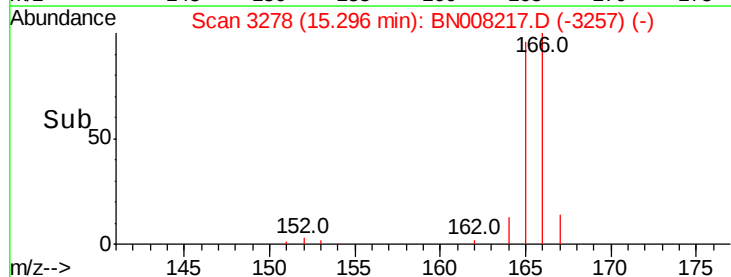
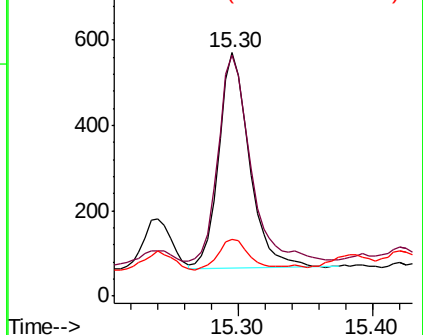
167 23.5 11.7 17.5#

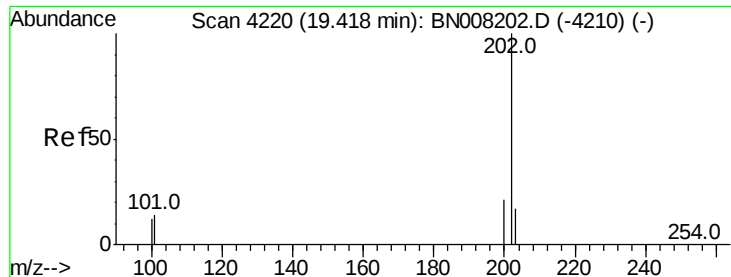


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

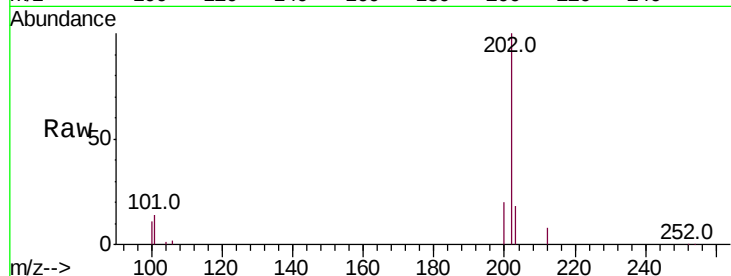




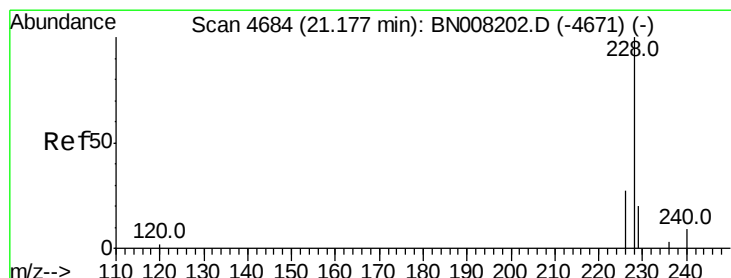
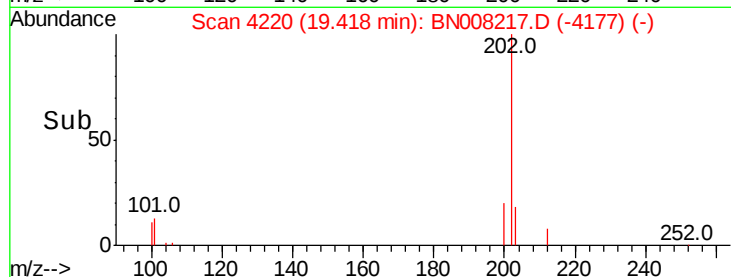
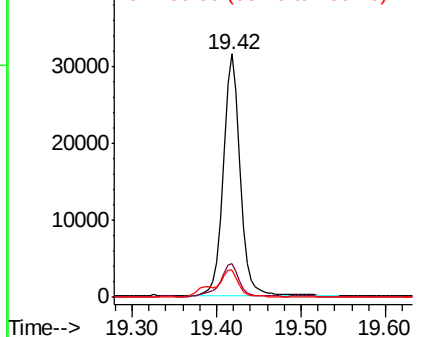
#17
Pvrene
Concen: 0.741 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. -0.00 min
Lab File: BN008217.D
Acq: 17 Oct 2019 11:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 45127
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 11.0 8.7 13.1

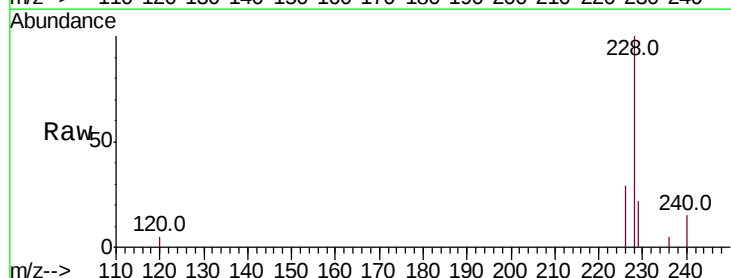


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

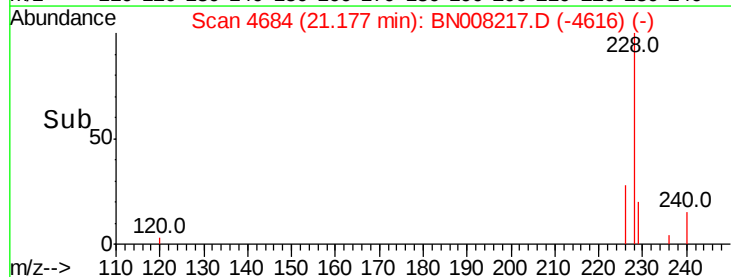
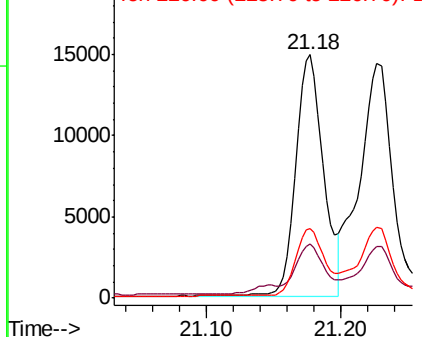


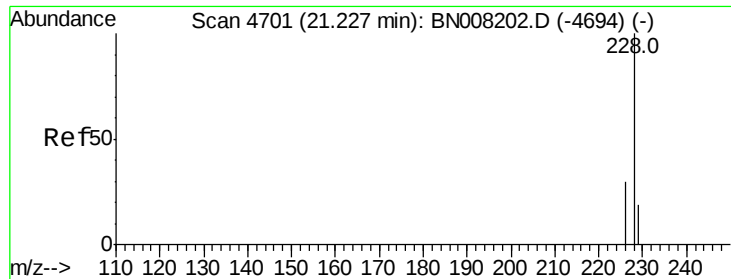
#18
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008217.D
Acq: 17 Oct 2019 11:59

Tgt Ion:228 Resp: 21167
Ion Ratio Lower Upper
228 100
229 22.1 16.2 24.2
226 28.5 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: 0.370 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. -0.00 min

Lab File: BN008217.D

Acq: 17 Oct 2019 11:59

Instrument :

BNA_N

ClientSampleId :

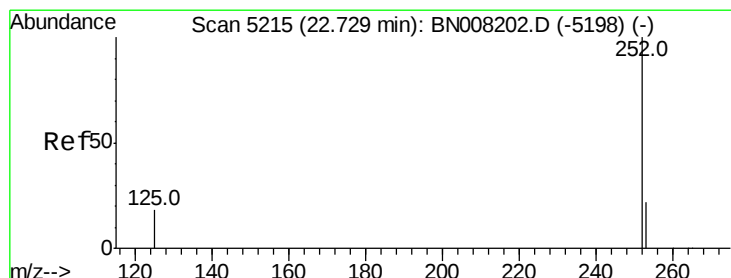
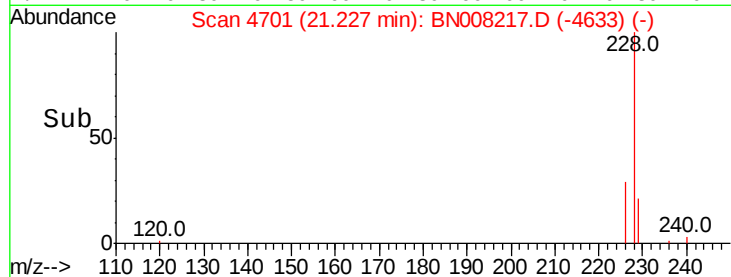
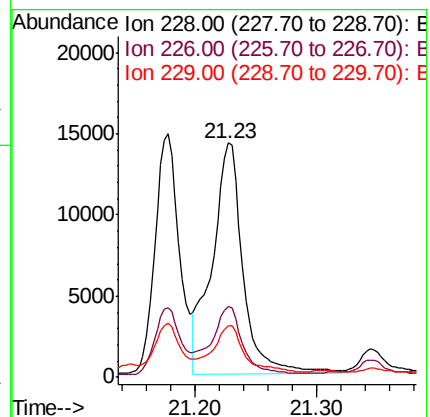
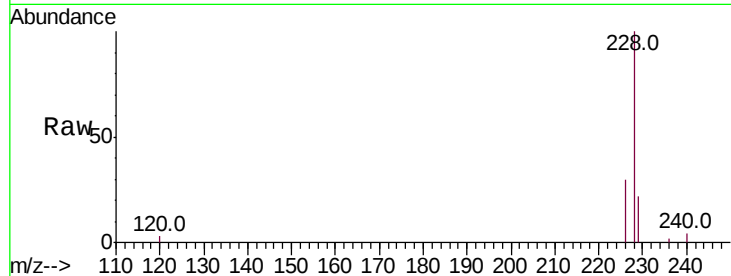
Tot Ion:228 Resp: 25293

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 22.2 16.2 24.2



#21

Benzo(b)fluoranthene

Concen: 0.844 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.00 min

Lab File: BN008217.D

Acq: 17 Oct 2019 11:59

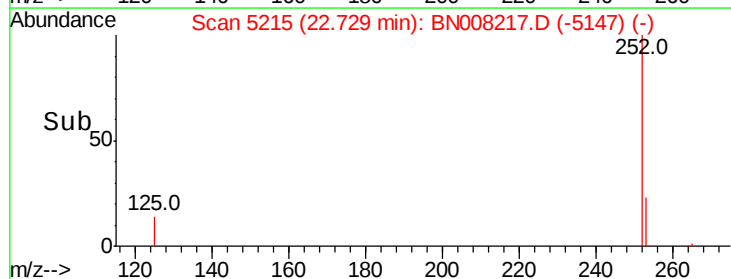
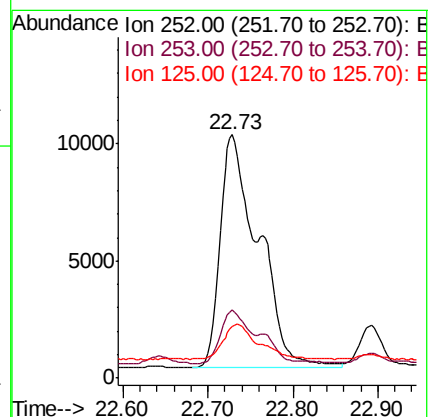
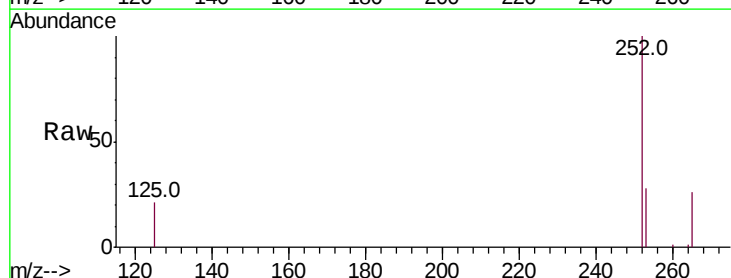
Tgt Ion:252 Resp: 31355

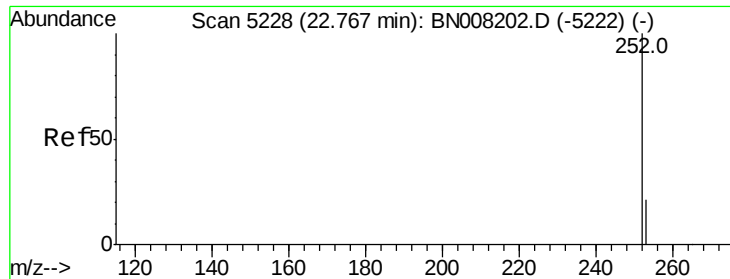
Ion Ratio Lower Upper

252 100

253 27.8 0.0 53.4

125 21.1 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 0.745 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.04 min

Lab File: BN008217.D

Acq: 17 Oct 2019 11:59

Instrument :

BNA_N

ClientSampleId :

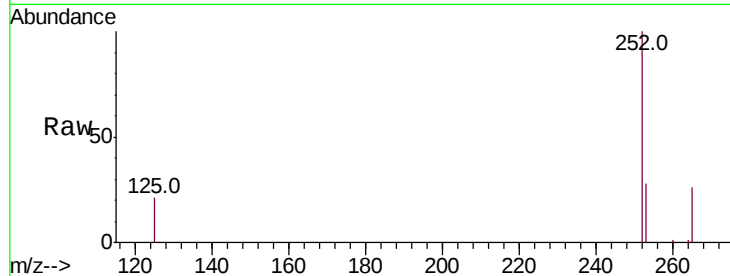
Tot Ion:252 Resp: 31355

Ion Ratio Lower Upper

252 100

253 27.8 21.3 31.9

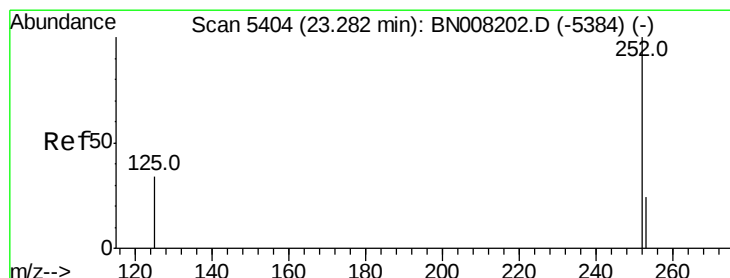
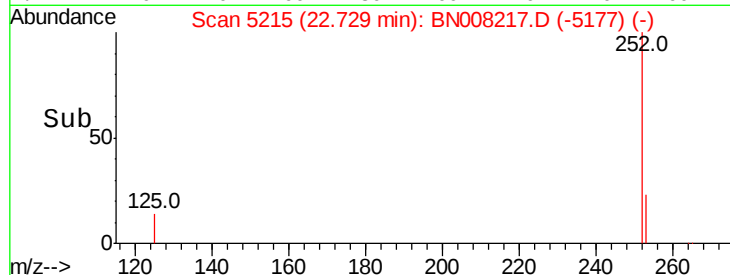
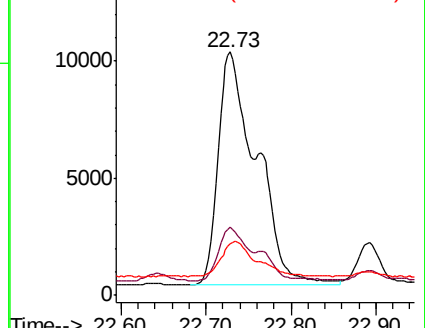
125 21.1 12.3 18.5#



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: 0.389 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. -0.01 min

Lab File: BN008217.D

Acq: 17 Oct 2019 11:59

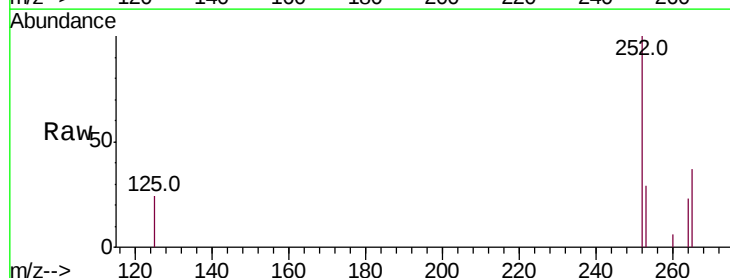
Tgt Ion:252 Resp: 15202

Ion Ratio Lower Upper

252 100

253 28.9 22.8 34.2

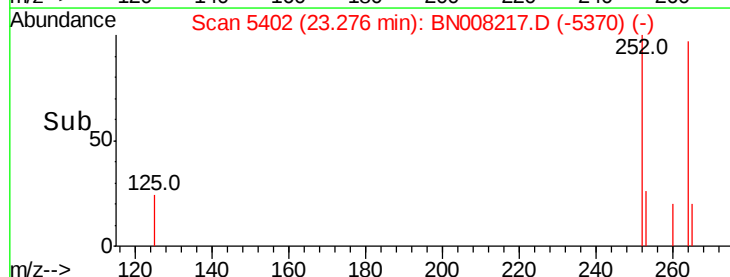
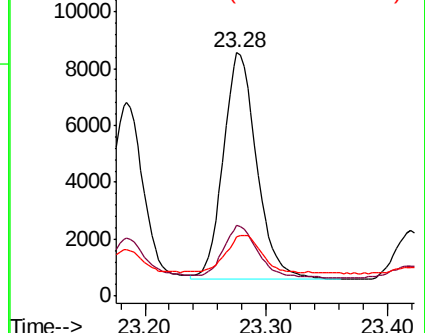
125 24.2 18.4 27.6

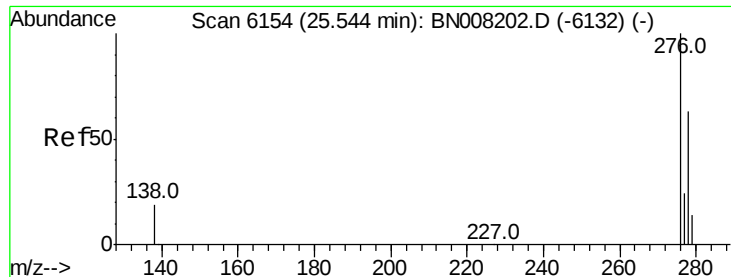


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



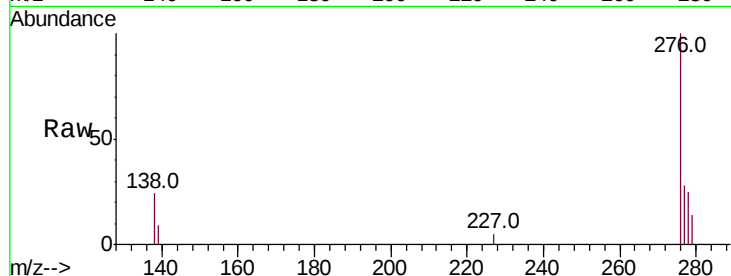


#24

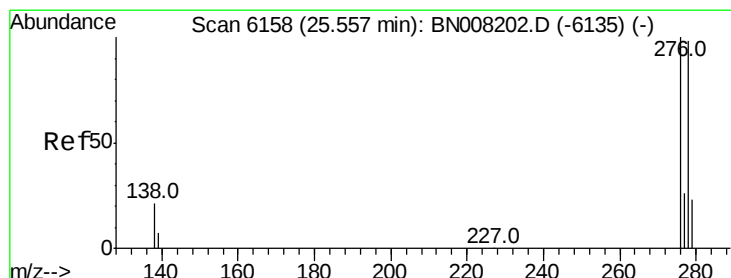
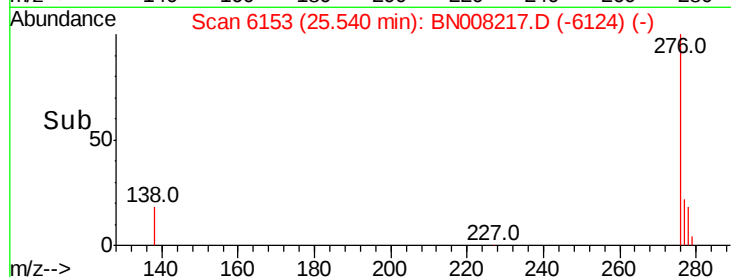
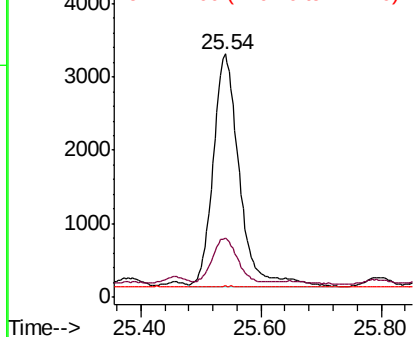
Indeno(1,2,3-cd)pyrene
Concen: 0.206 ng/uL
RT: 25.54 min Scan# 6153
Delta R.T. -0.00 min
Lab File: BN008217.D
Acq: 17 Oct 2019 11:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 9488
Ion Ratio Lower Upper
276 100
138 18.4 16.1 24.1
227 0.0 0.2 0.2#



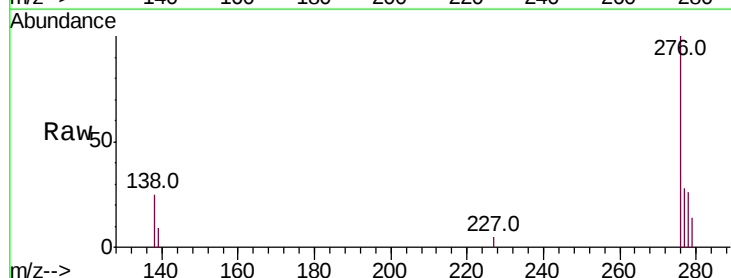
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



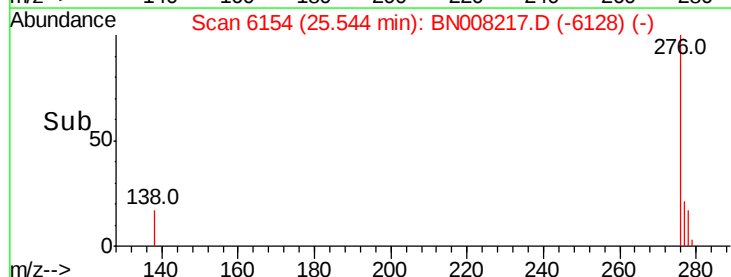
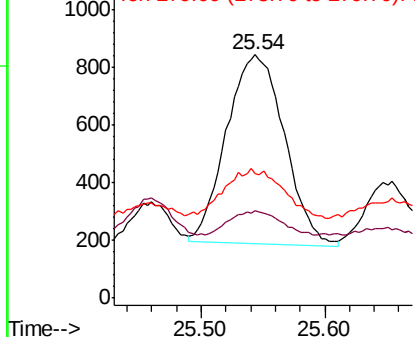
#25

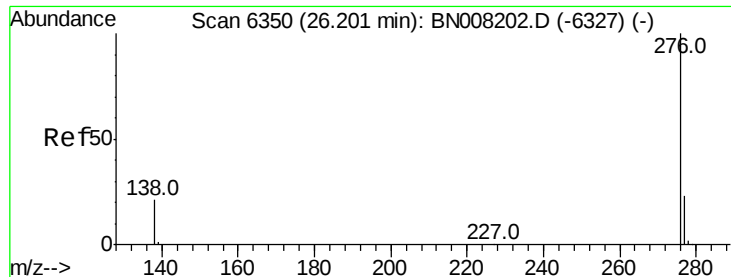
Dibenzo(a,h)anthracene
Concen: 0.059 ng/uL
RT: 25.54 min Scan# 6154
Delta R.T. -0.01 min
Lab File: BN008217.D
Acq: 17 Oct 2019 11:59

Tgt Ion:278 Resp: 2129
Ion Ratio Lower Upper
278 100
139 35.9 15.0 22.6#
279 51.3 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: 0.194 ng/ul

RT: 26.20 min Scan# 6350

Delta R.T. -0.00 min

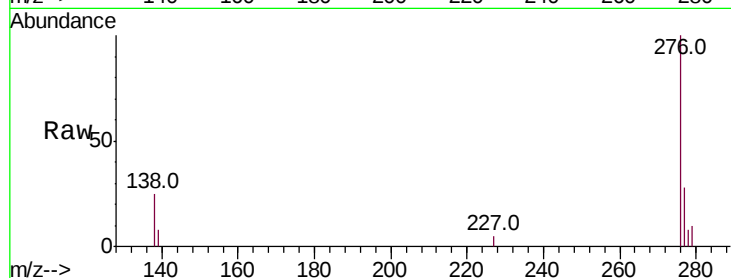
Lab File: BN008217.D

Acq: 17 Oct 2019 11:59

Instrument :

BNA_N

ClientSampleId :



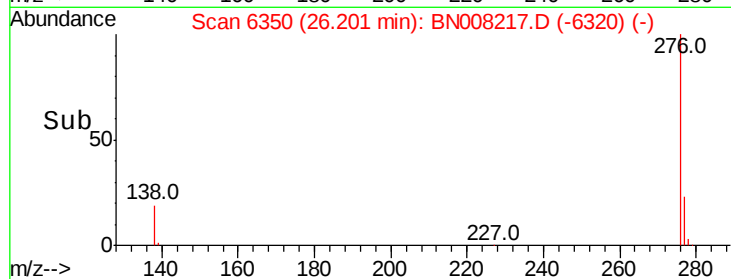
Tot Ion: 276 Resp: 8177

Ion Ratio Lower Upper

276 100

138 25.2 17.0 25.4

277 27.5 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

