

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008187.D
 Acq On : 15 Oct 2019 23:25
 Operator : JU
 Sample : K5175-02DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:43:44 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

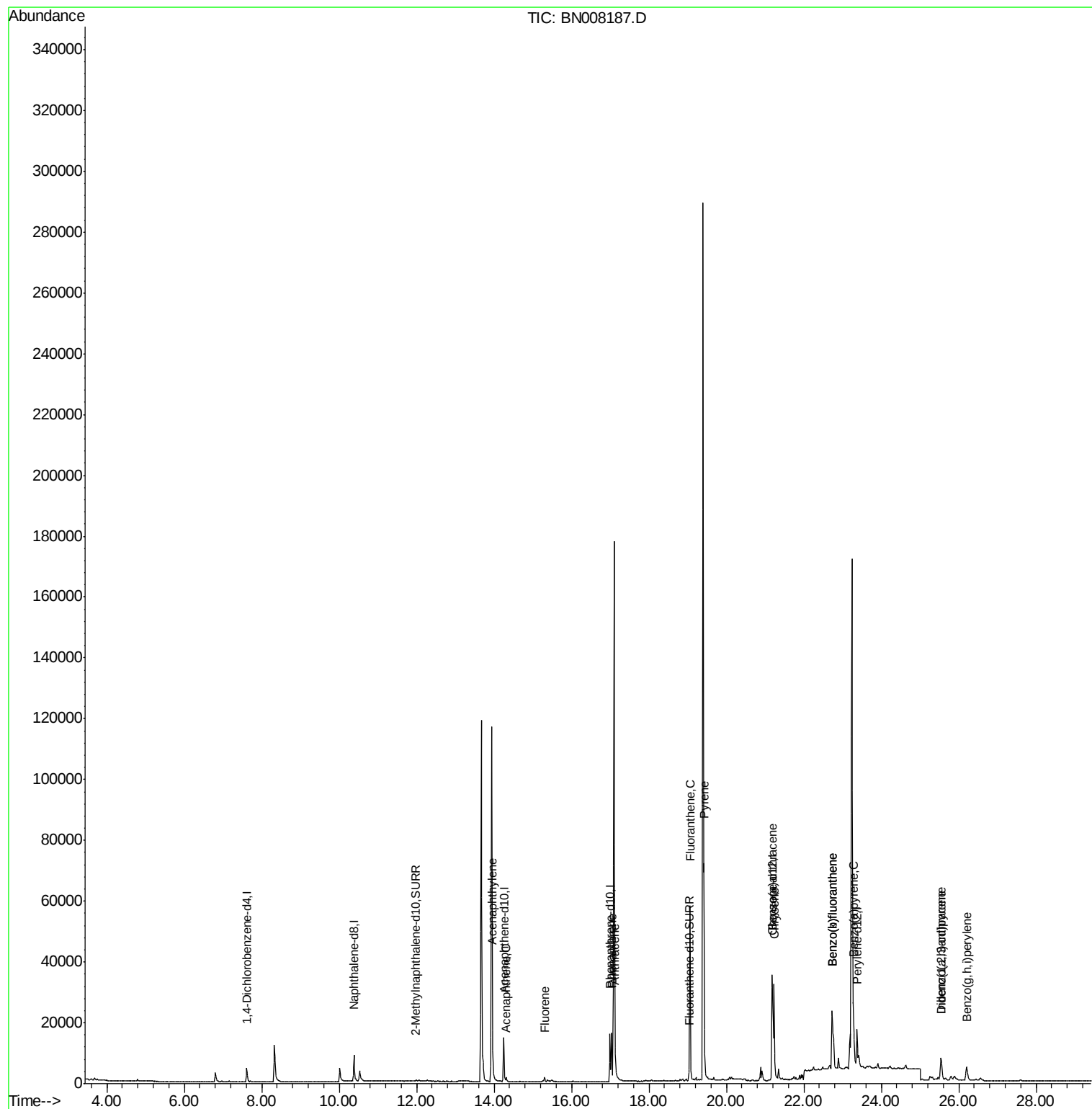
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2616	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	12937	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	8542	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	18900	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	18386	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	15049	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	889	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	3148	0.05	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	13.96	152	2294	0.056	ng/ul#	91
8) Acenaphthene	14.31	153	783	0.025	ng/ul	96
9) Fluorene	15.31	166	1007	0.028	ng/ul#	95
12) Phenanthrene	17.04	178	18412	0.333	ng/ul	99
13) Anthracene	17.13	178	4072	0.084	ng/ul	96
15) Fluoranthene	19.06	202	49640	0.679	ng/ul	99
17) Pyrene	19.42	202	53786	0.735	ng/ul	100
18) Benzo(a)anthracene	21.18	228	29266	0.438	ng/ul	97
19) Chrysene	21.23	228	33771	0.412	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	44240	0.903	ng/ul	97
22) Benzo(k)fluoranthene	22.73	252	44240	0.797	ng/ul	97
23) Benzo(a)pyrene	23.28	252	22121	0.429	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.54	276	12531	0.206	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.54	278	3099	0.065	ng/ul#	75
26) Benzo(g,h,i)perylene	26.20	276	9750	0.175	ng/ul	96

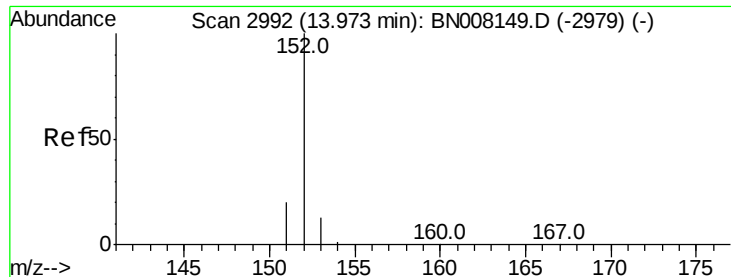
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

Instrument :

BNA_N

ClientSampleId :

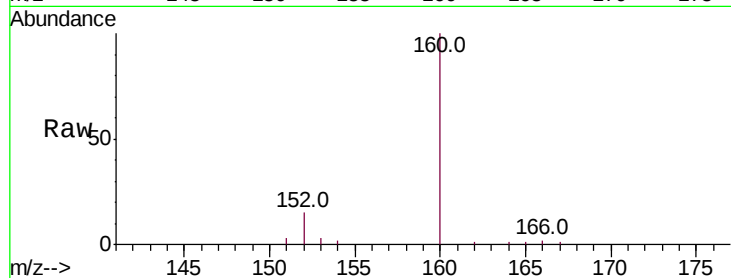
Tot Ion:152 Resp: 2294

Ion Ratio Lower Upper

152 100

151 23.8 16.2 24.4

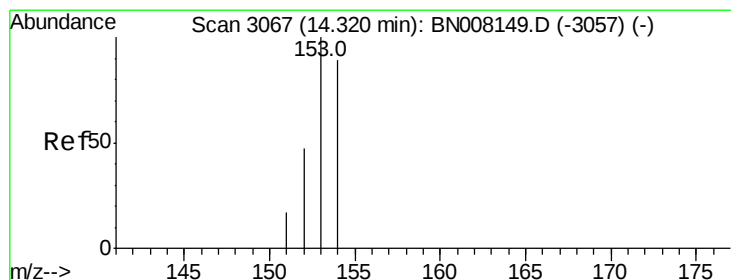
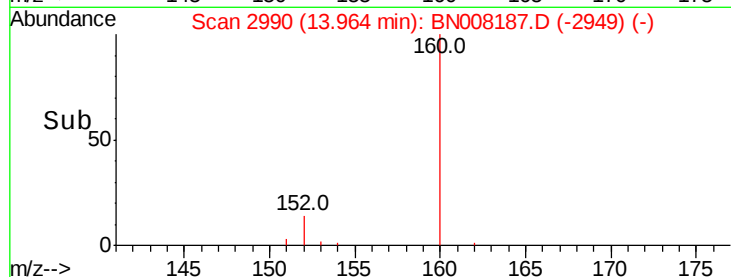
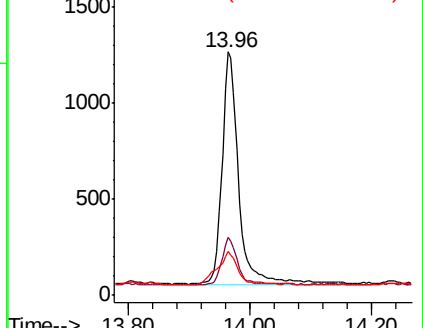
153 17.9 11.0 16.4#



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



#8

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

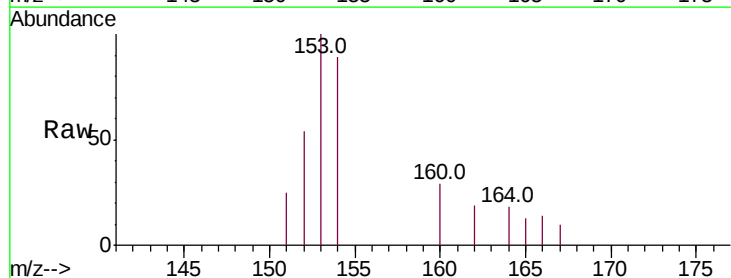
Tgt Ion:153 Resp: 783

Ion Ratio Lower Upper

153 100

152 54.0 38.2 57.2

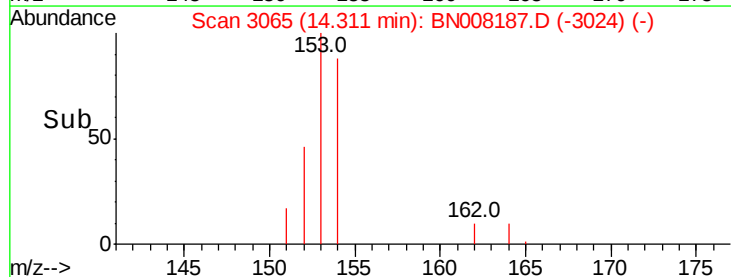
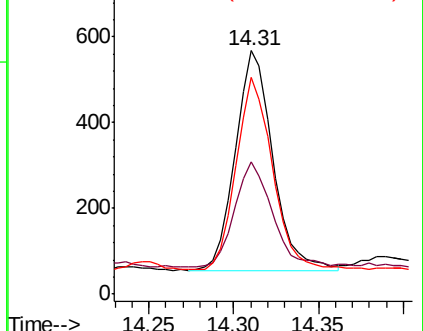
154 89.1 71.8 107.8

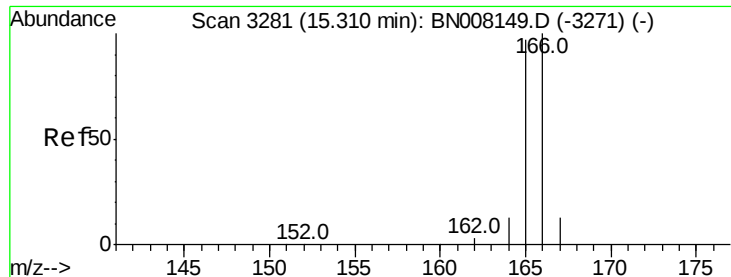


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.028 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

Instrument :

BNA_N

ClientSampleId :

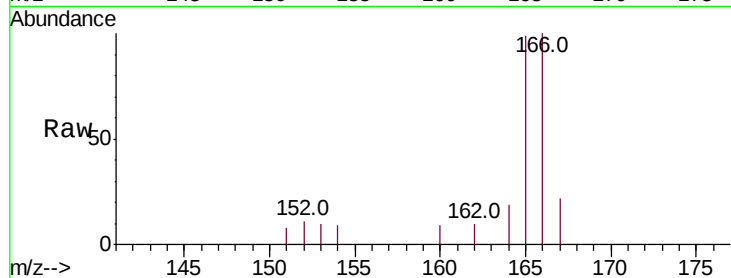
Tot Ion:166 Resp: 1007

Ion Ratio Lower Upper

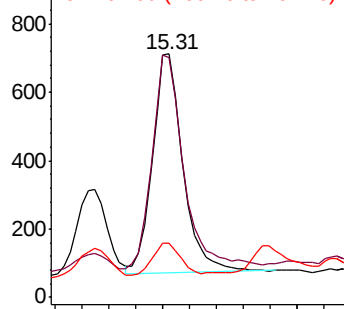
166 100

165 98.6 76.6 115.0

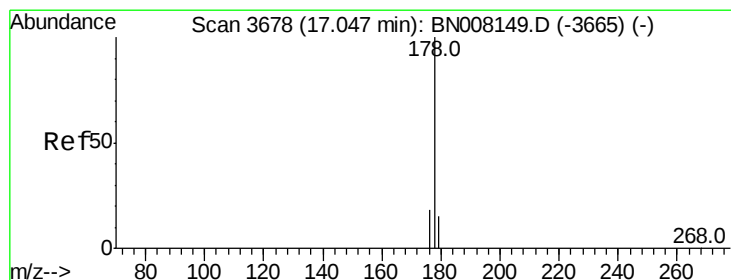
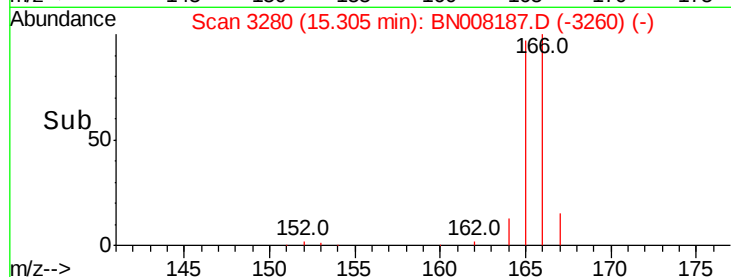
167 22.5 11.7 17.5#



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



Time-->



#12

Phenanthrene

Concen: 0.333 ng/ul

RT: 17.04 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

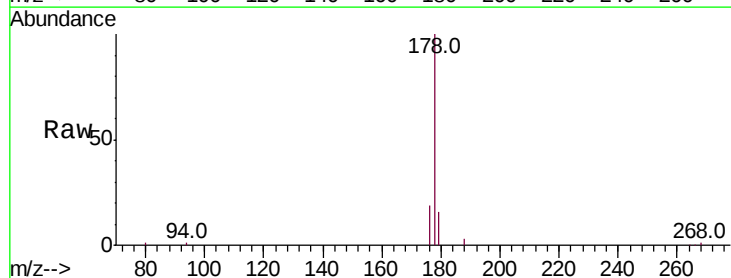
Tgt Ion:178 Resp: 18412

Ion Ratio Lower Upper

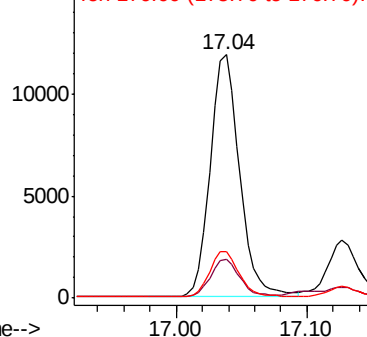
178 100

179 15.7 12.8 19.2

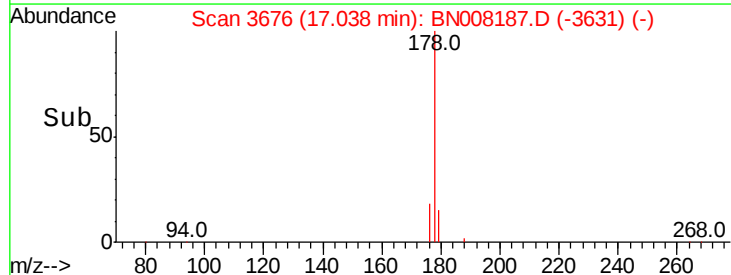
176 18.9 15.4 23.2

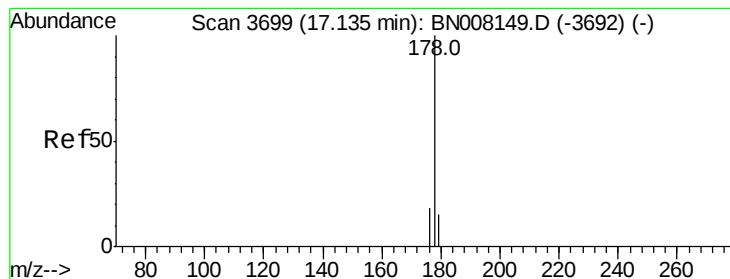


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.084 ng/ul

RT: 17.13 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

Instrument :

BNA_N

ClientSampleId :

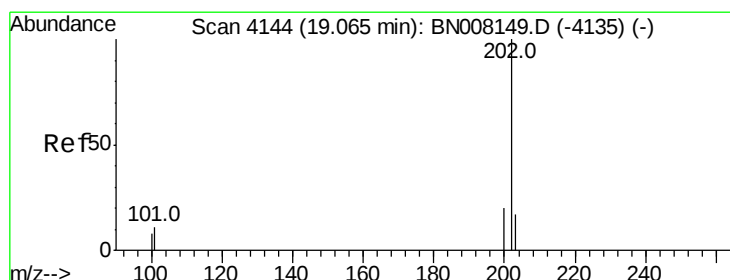
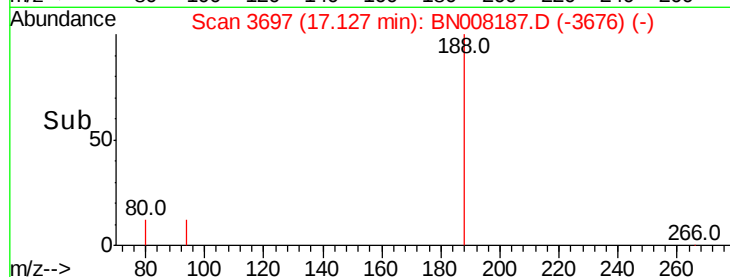
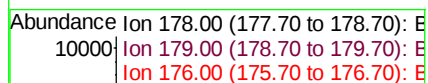
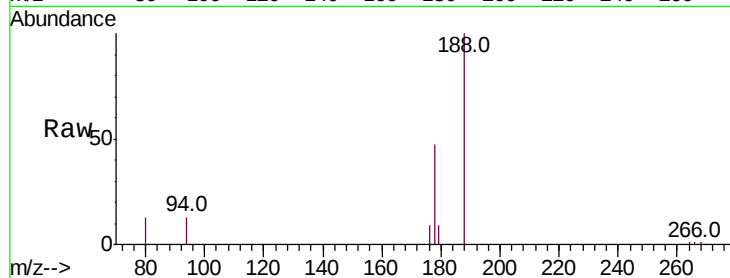
Tot Ion:178 Resp: 4072

Ion Ratio Lower Upper

178 100

179 18.8 13.0 19.6

176 20.0 15.0 22.6



#15

Fluoranthene

Concen: 0.679 ng/ul

RT: 19.06 min Scan# 4143

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

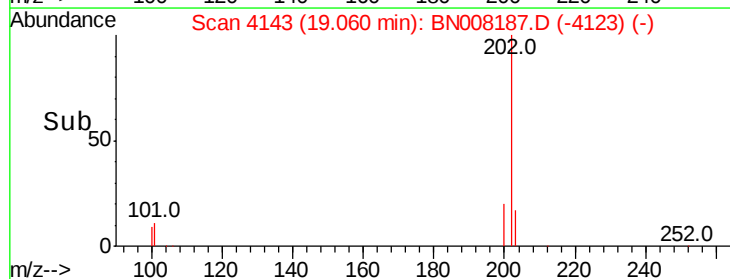
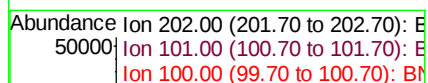
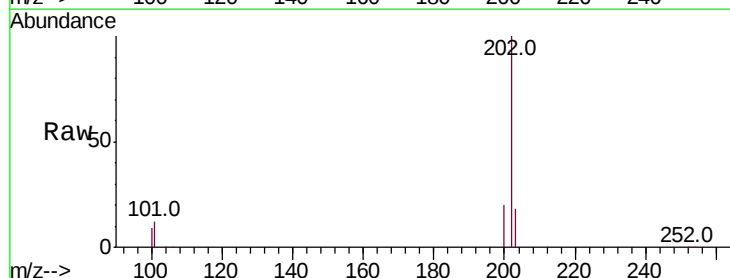
Tgt Ion:202 Resp: 49640

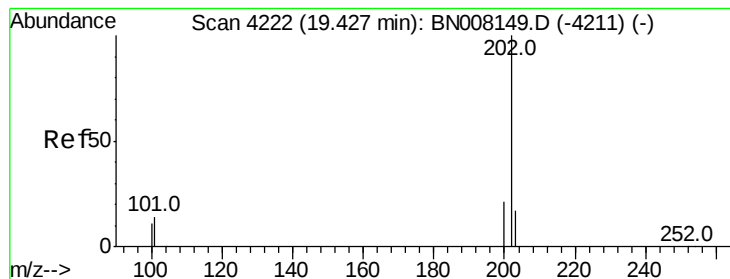
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.2

100 8.8 0.0 28.5





#17

Pvrene

Concen: 0.735 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

Instrument :

BNA_N

ClientSampleId :

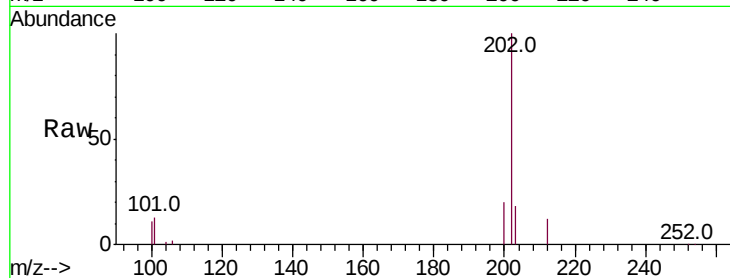
Tot Ion:202 Resp: 53786

Ion Ratio Lower Upper

202 100

101 13.4 10.9 16.3

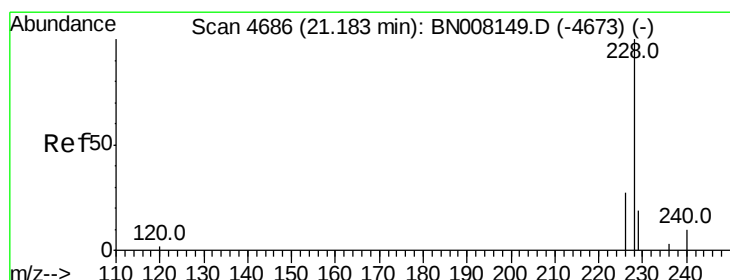
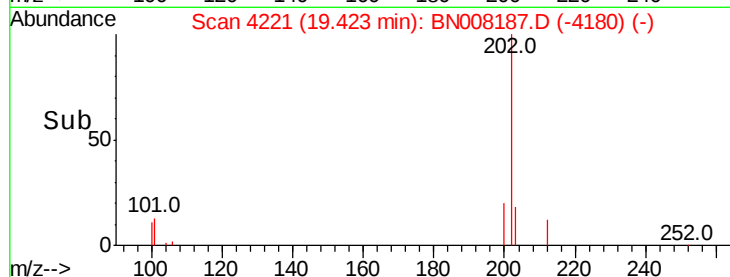
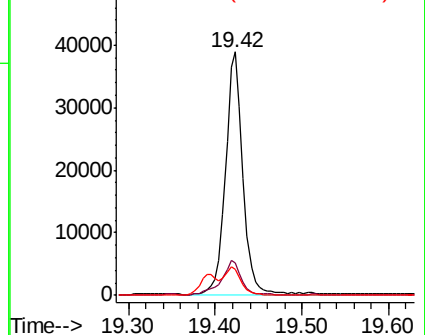
100 10.8 8.7 13.1



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: 0.438 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

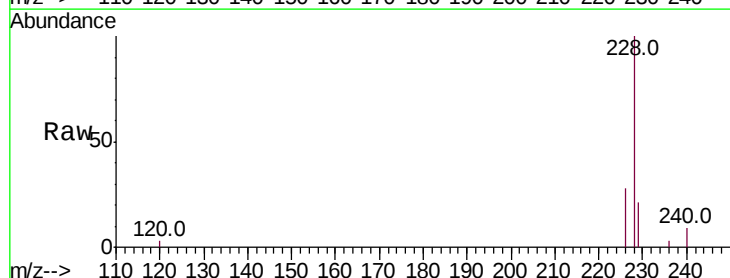
Tgt Ion:228 Resp: 29266

Ion Ratio Lower Upper

228 100

229 21.4 16.2 24.2

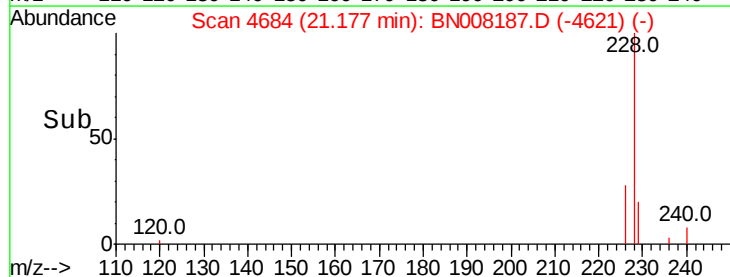
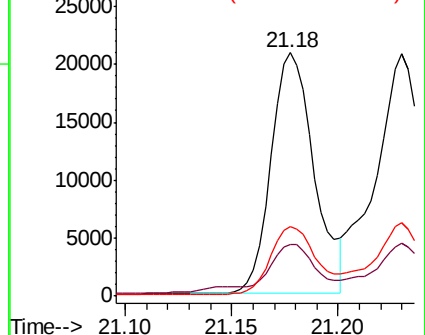
226 28.4 21.4 32.0

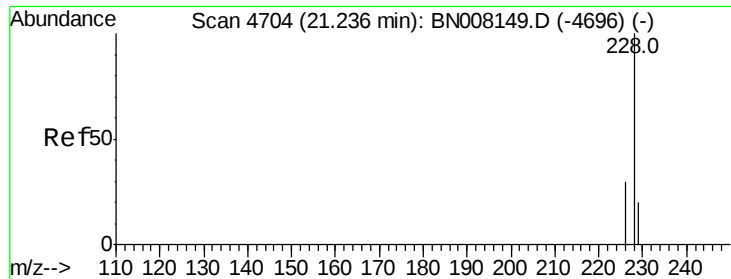


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.412 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

Instrument :

BNA_N

ClientSampleId :

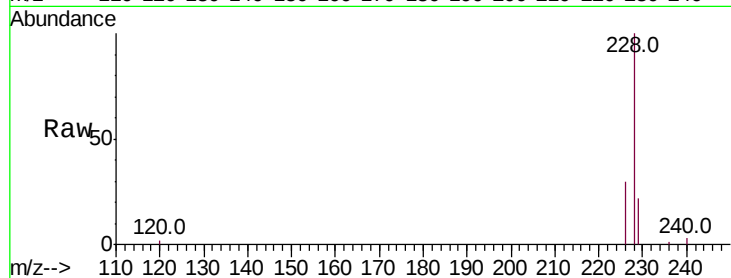
Tot Ion:228 Resp: 33771

Ion Ratio Lower Upper

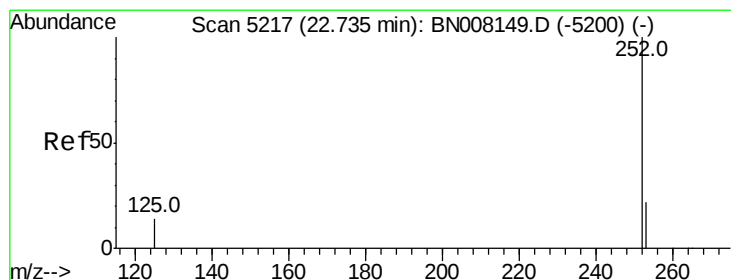
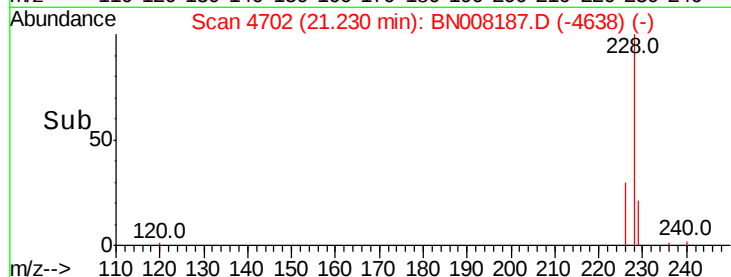
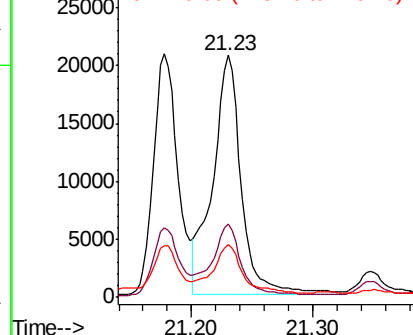
228 100

226 30.2 24.1 36.1

229 21.7 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: 0.903 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.01 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

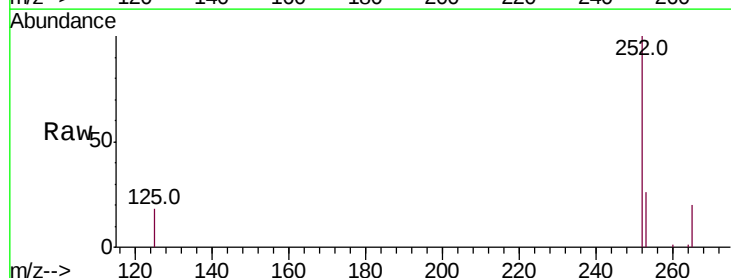
Tgt Ion:252 Resp: 44240

Ion Ratio Lower Upper

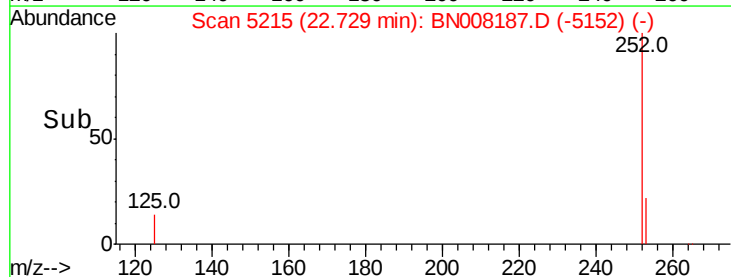
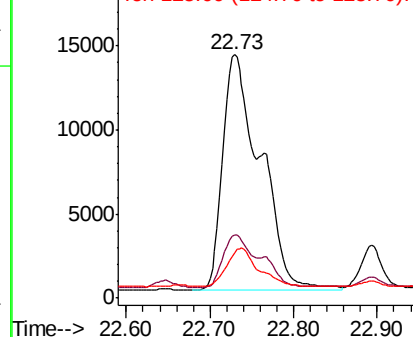
252 100

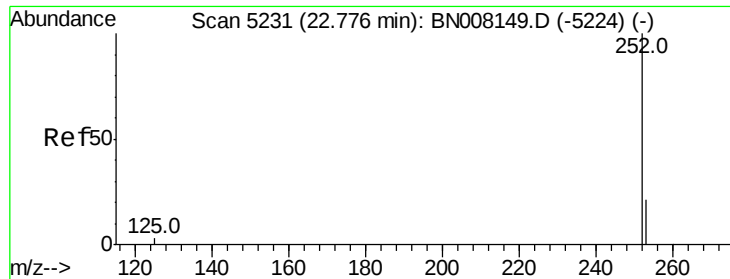
253 26.0 0.0 53.4

125 18.4 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: 0.797 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.06 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

Instrument :

BNA_N

ClientSampleId :

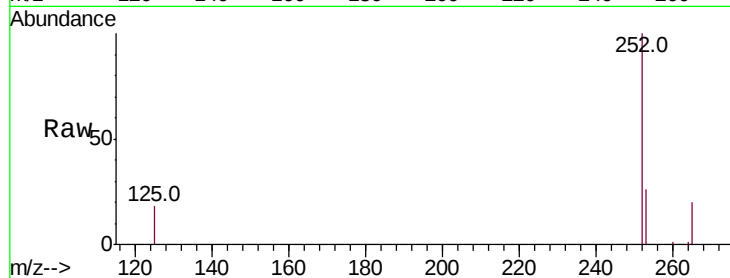
Tot Ion:252 Resp: 44240

Ion Ratio Lower Upper

252 100

253 26.0 21.3 31.9

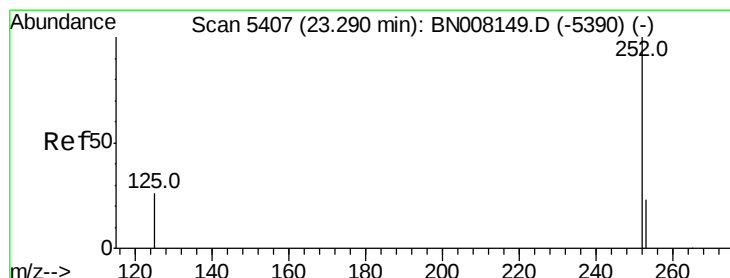
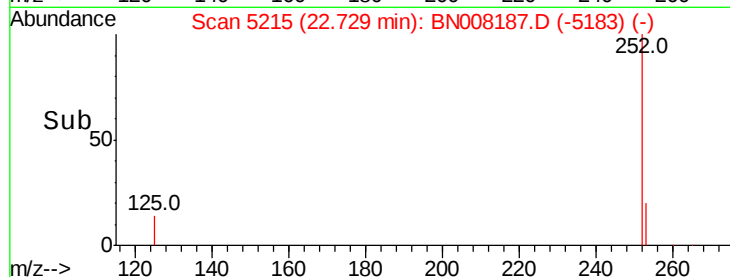
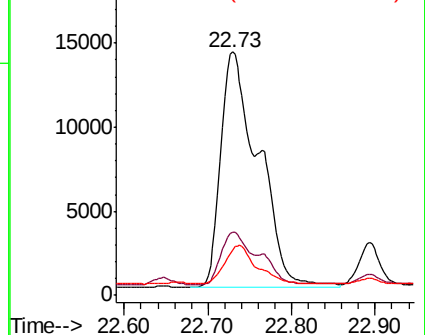
125 18.4 12.3 18.5



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: 0.429 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.02 min

Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

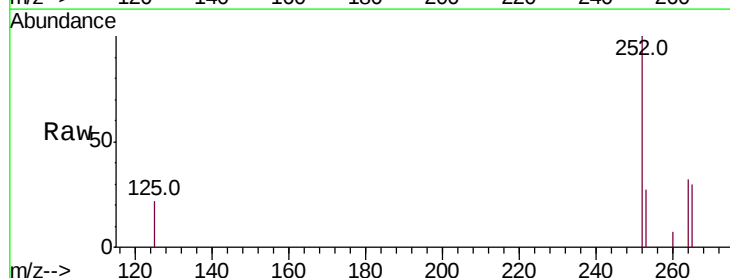
Tgt Ion:252 Resp: 22121

Ion Ratio Lower Upper

252 100

253 27.0 22.8 34.2

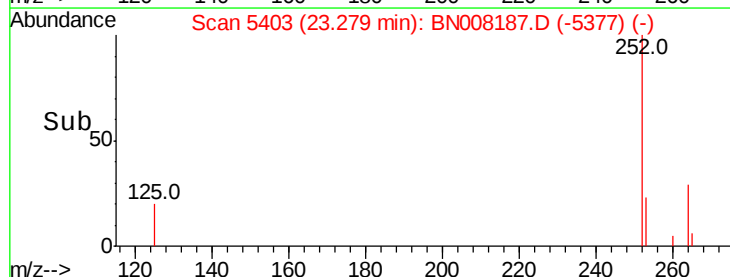
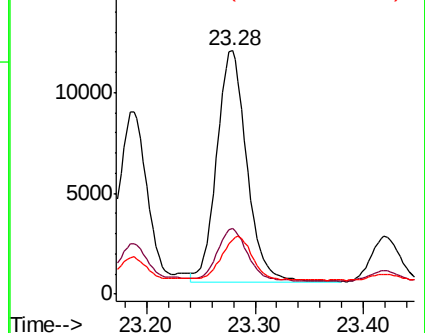
125 22.4 18.4 27.6

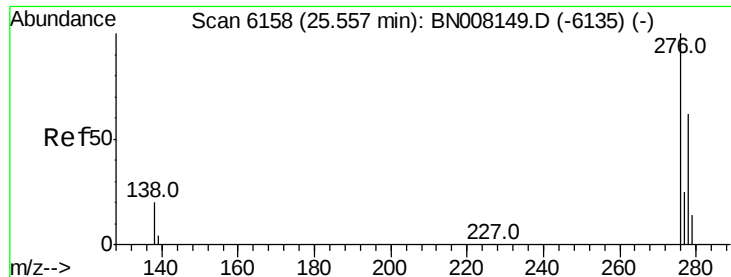


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



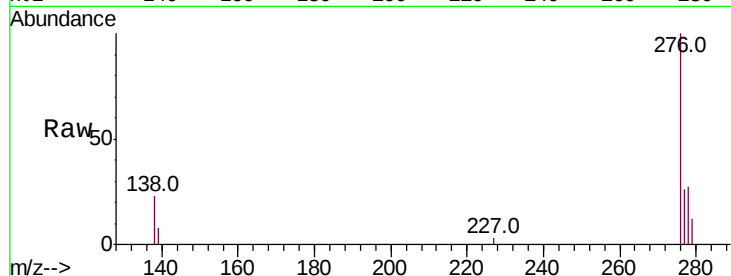


#24

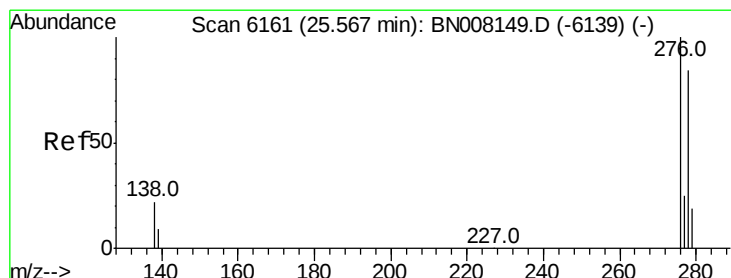
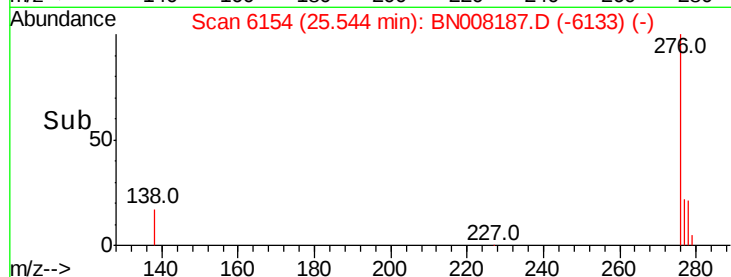
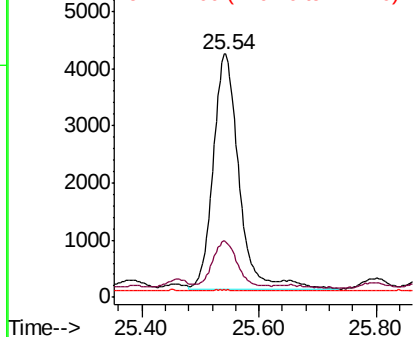
Indeno(1,2,3-cd)pyrene
Concen: 0.206 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.03 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 12531
Ion Ratio Lower Upper
276 100
138 17.8 16.1 24.1
227 0.1 0.2 0.2#



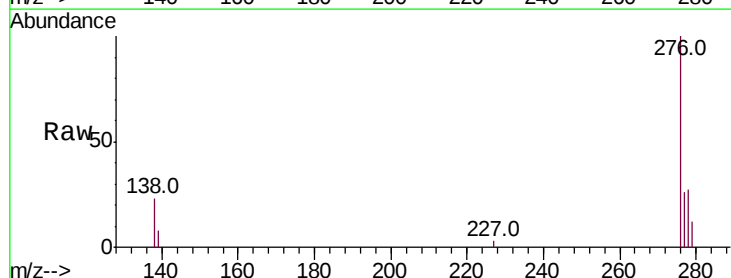
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



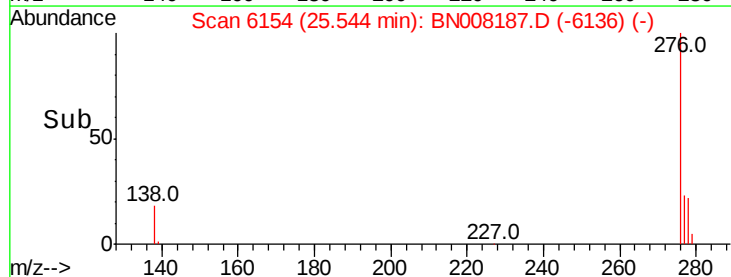
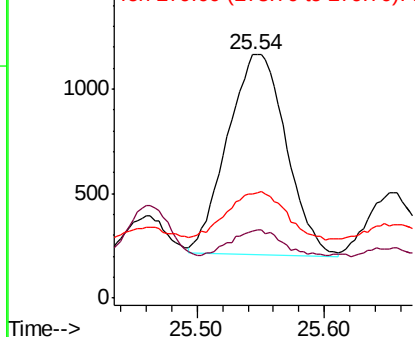
#25

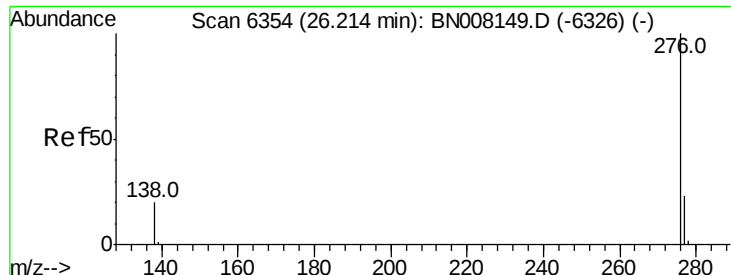
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.04 min
Lab File: BN008187.D
Acq: 15 Oct 2019 23:25

Tgt Ion:278 Resp: 3099
Ion Ratio Lower Upper
278 100
139 27.6 15.0 22.6#
279 43.0 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: 0.175 ng/ul

RT: 26.20 min Scan# 6351

Delta R.T. -0.03 min

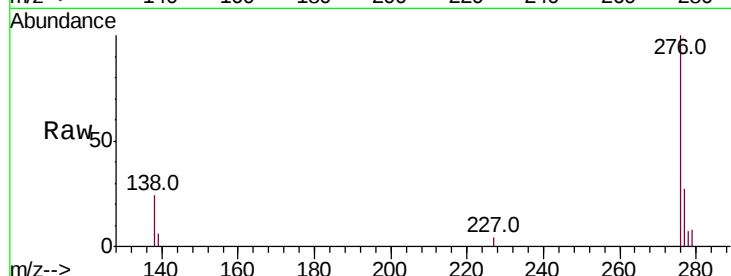
Lab File: BN008187.D

Acq: 15 Oct 2019 23:25

Instrument :

BNA_N

ClientSampleId :



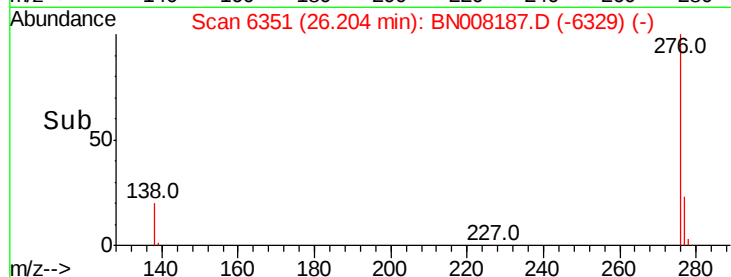
Tot Ion:276 Resp: 9750

Ion Ratio Lower Upper

276 100

138 23.6 17.0 25.4

277 26.7 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

