

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006233.D
 Acq On : 10 Jun 2019 21:10
 Operator : JU/SJ
 Sample : K3017-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:19:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15188	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	6823	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	711065	0.40	ng/ul	0.10
16) Chrysene-d12	21.40	240	39	0.40	ng/ul	0.13
20) Perylene-d12	23.50	264	19440	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4811	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

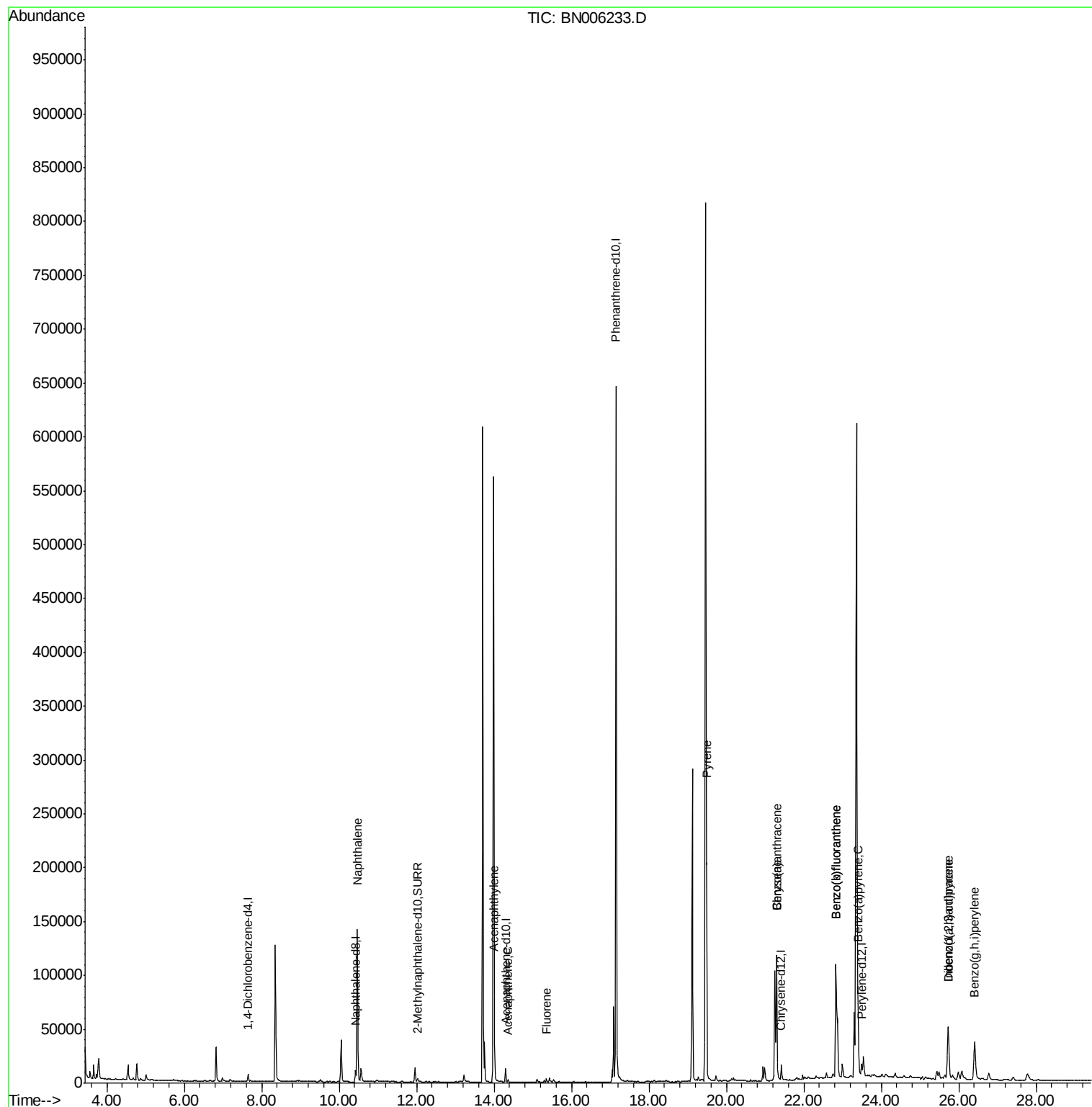
Target Compounds						Ovalue
3) Naphthalene	10.47	128	956	0.023	ng/ul#	70
7) Acenaphthylene	14.01	152	6210	0.164	ng/ul	97
8) Acenaphthene	14.36	153	1277	0.049	ng/ul	96
9) Fluorene	15.35	166	2055	0.067	ng/ul#	98
17) Pyrene	19.49	202	186858	909.596	ng/ul	100
18) Benzo(a)anthracene	21.30	228	120071	696.098	ng/ul	97
19) Chrysene	21.30	228	117216	723.866	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	227039	2.801	ng/ul	94
22) Benzo(k)fluoranthene	22.83	252	227088	2.876	ng/ul	97
23) Benzo(a)pyrene	23.40	252	99217	1.314	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.72	276	82117	1.005	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	18109	0.277	ng/ul#	90
26) Benzo(g,h,i)perylene	26.41	276	71697	1.048	ng/ul	96

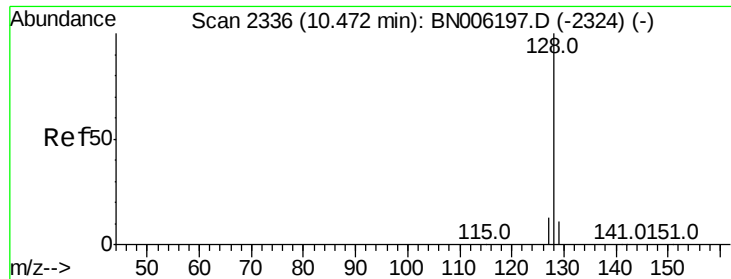
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

ClientSampleId :

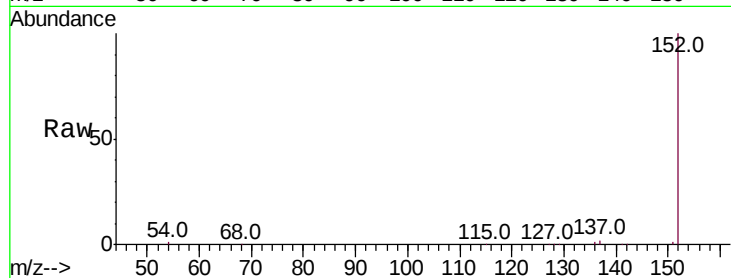
Tot Ion:128 Resp: 956

Ion Ratio Lower Upper

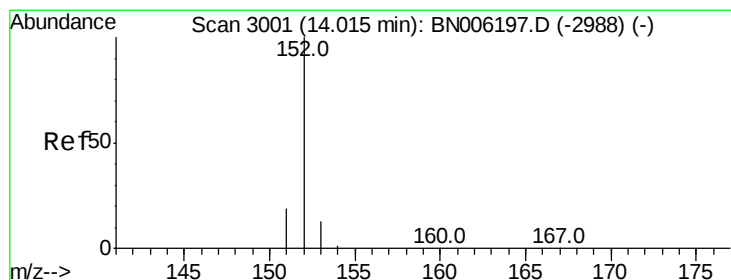
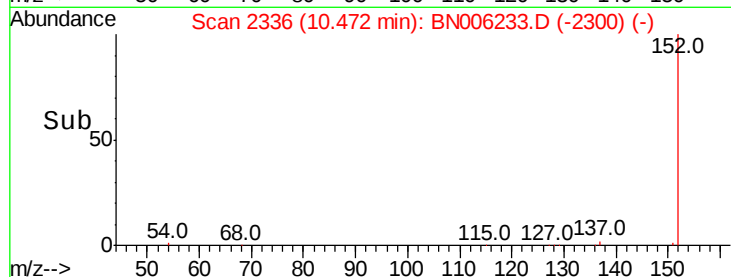
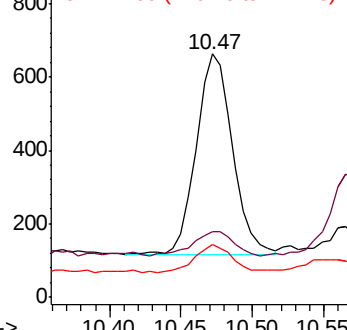
128 100

129 27.0 9.3 13.9#

127 21.7 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



#7

Acenaphthylene

Concen: 0.164 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

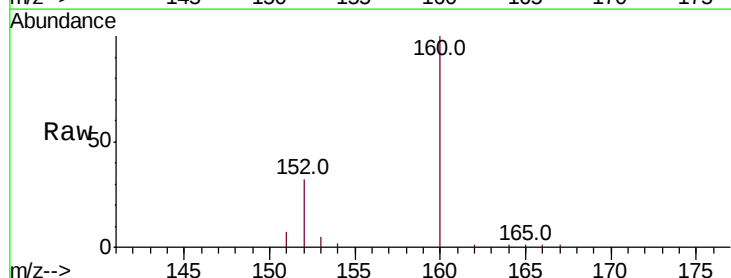
Tgt Ion:152 Resp: 6210

Ion Ratio Lower Upper

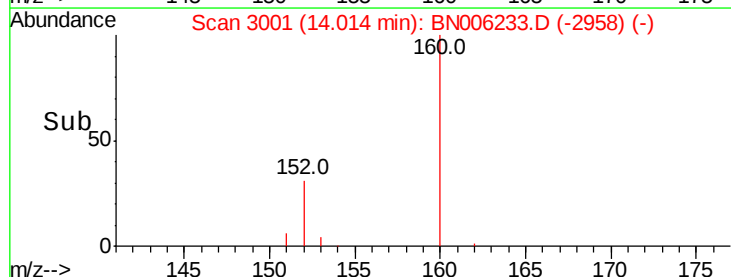
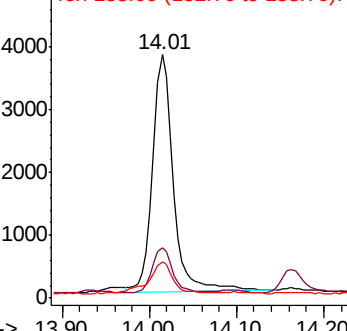
152 100

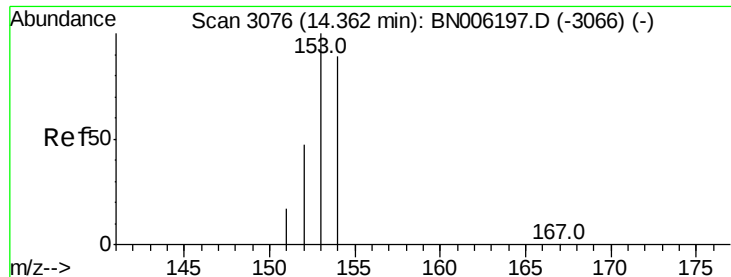
151 20.9 15.8 23.8

153 14.9 10.8 16.2



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: 0.049 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

ClientSampleId :

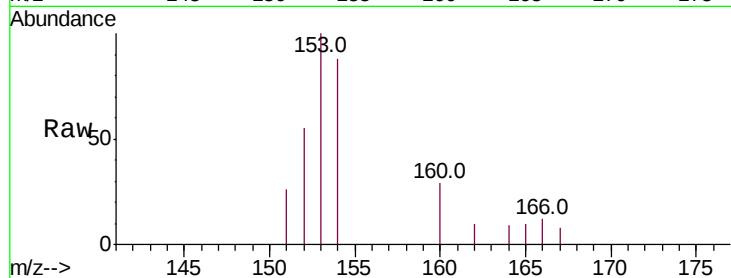
Tot Ion:153 Resp: 1277

Ion Ratio Lower Upper

153 100

152 54.7 39.1 58.7

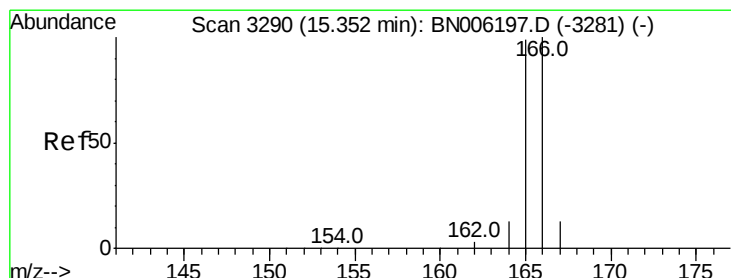
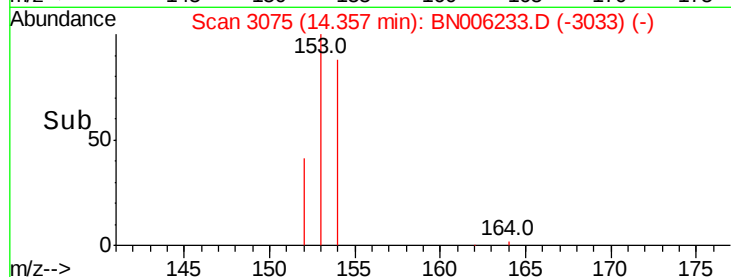
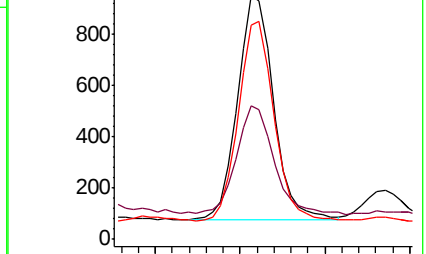
154 88.0 71.1 106.7



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: 0.067 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

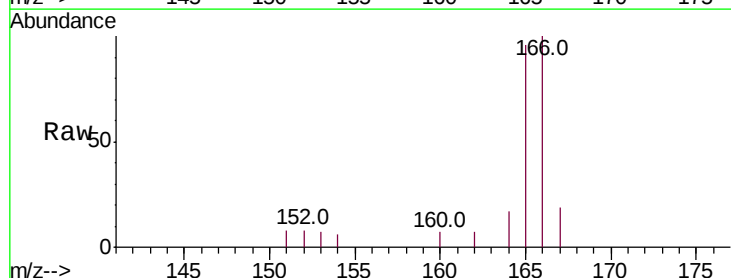
Tgt Ion:166 Resp: 2055

Ion Ratio Lower Upper

166 100

165 95.9 76.4 114.6

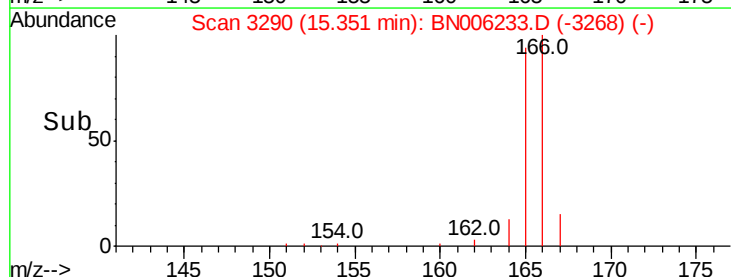
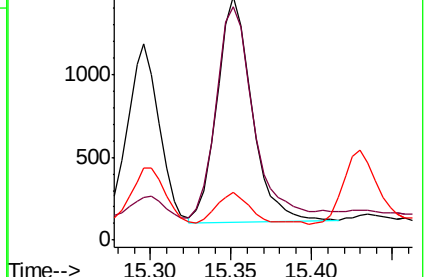
167 19.4 11.0 16.6#

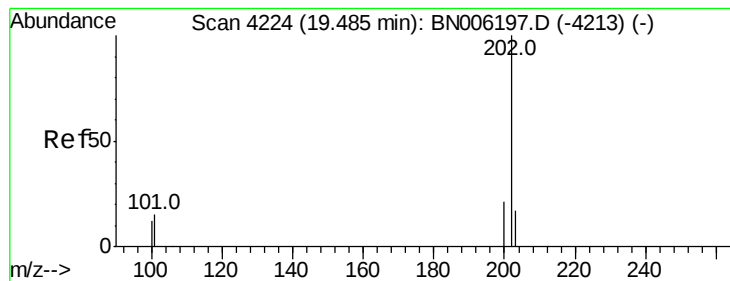


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 909.596 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

ClientSampleId :

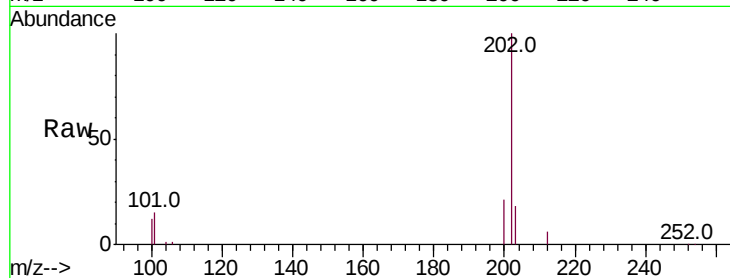
Tot Ion:202 Resp: 186858

Ion Ratio Lower Upper

202 100

101 15.4 12.2 18.2

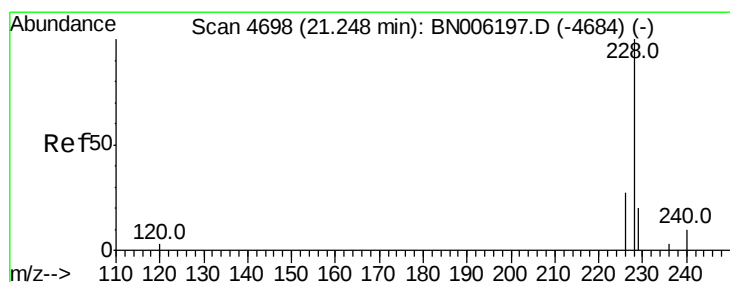
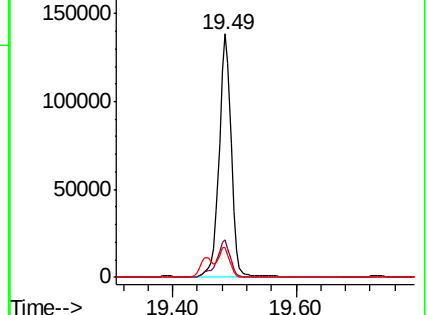
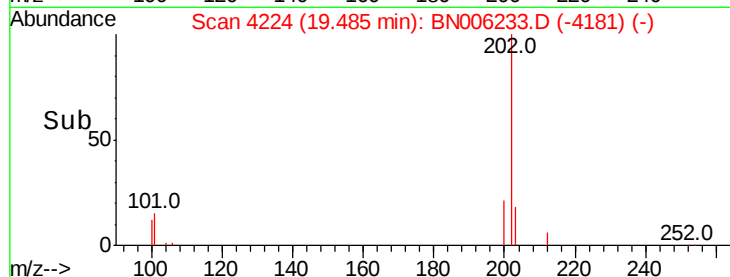
100 12.2 9.8 14.6



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: 696.098 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. 0.05 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

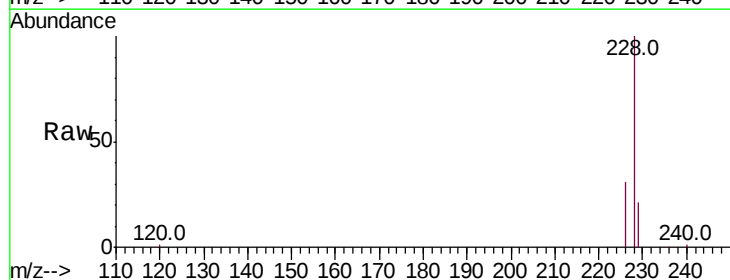
Tgt Ion:228 Resp: 120071

Ion Ratio Lower Upper

228 100

229 21.4 16.5 24.7

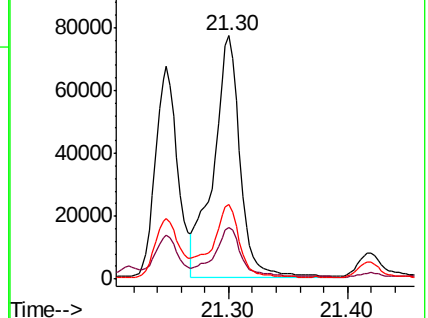
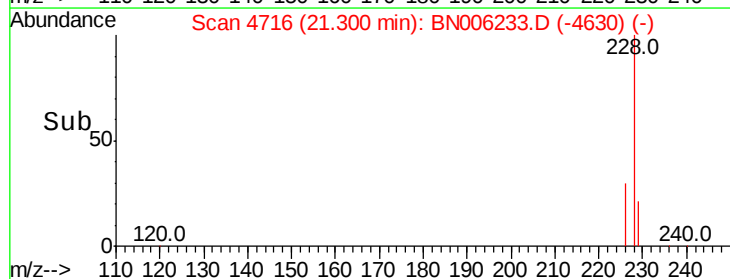
226 30.7 22.8 34.2

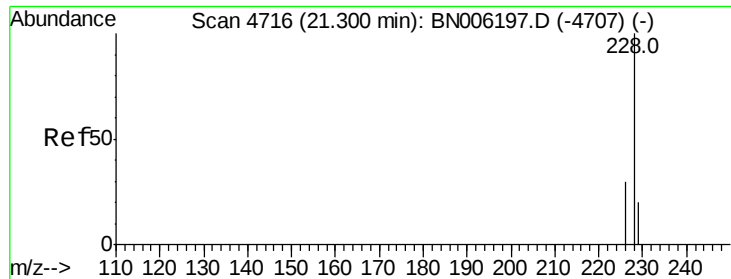


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 723.866 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

ClientSampleId :

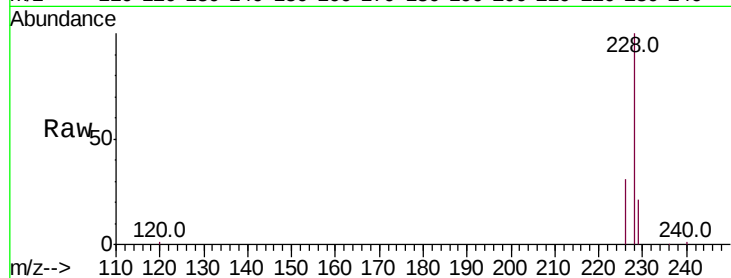
Tot Ion:228 Resp: 117216

Ion Ratio Lower Upper

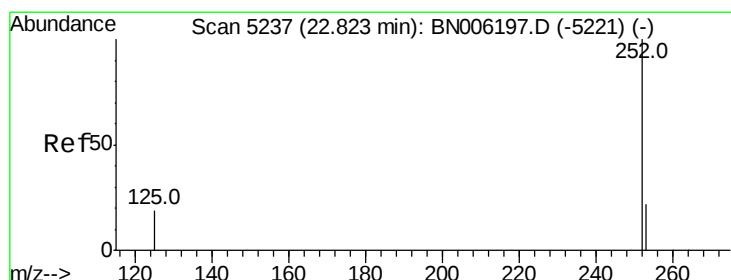
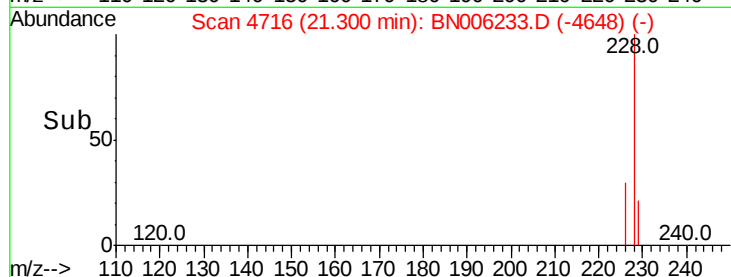
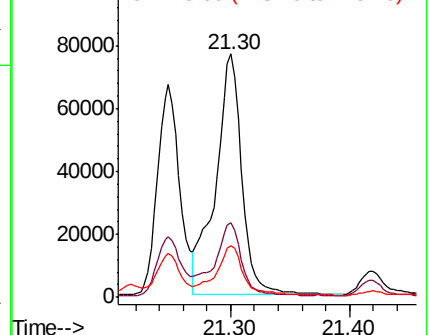
228 100

226 30.7 25.0 37.6

229 21.4 16.3 24.5



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: 2.801 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

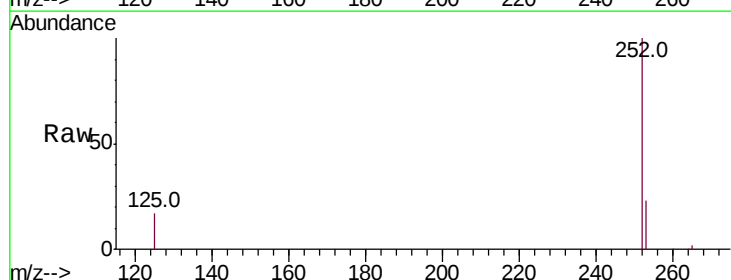
Tgt Ion:252 Resp: 227039

Ion Ratio Lower Upper

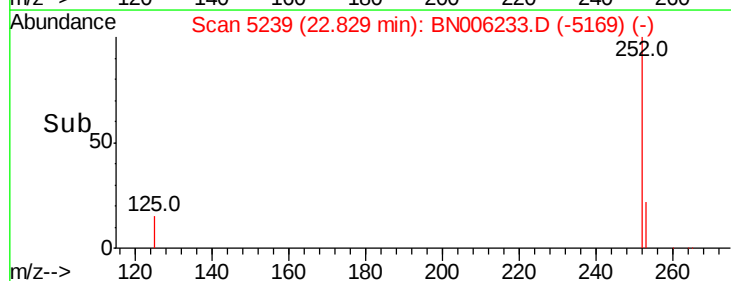
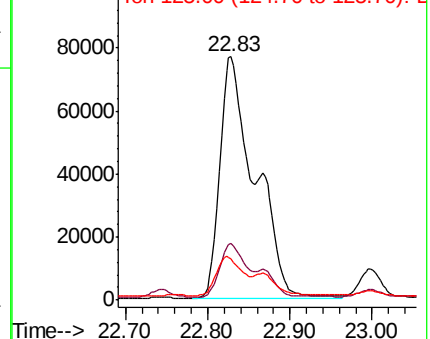
252 100

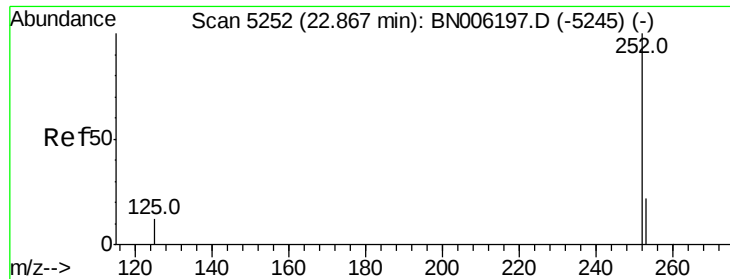
253 23.5 0.0 51.4

125 17.1 0.0 41.0



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





#22

Benzo(k)fluoranthene

Concen: 2.876 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.04 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

ClientSampleId :

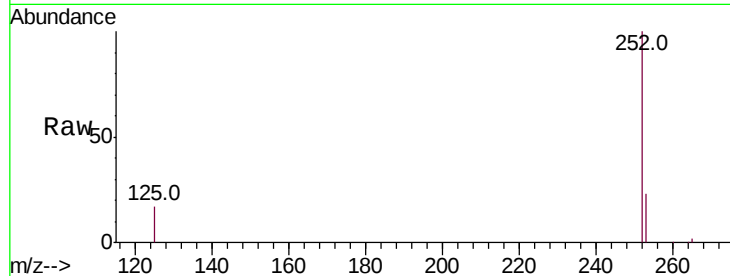
Tot Ion:252 Resp: 227088

Ion Ratio Lower Upper

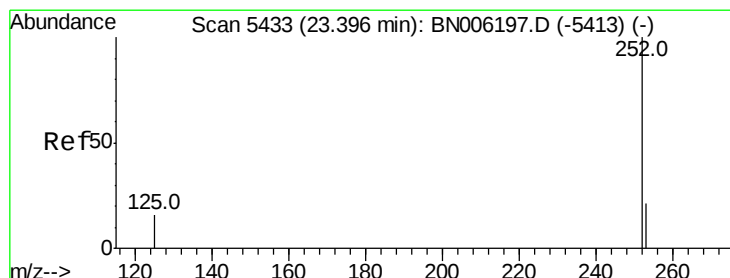
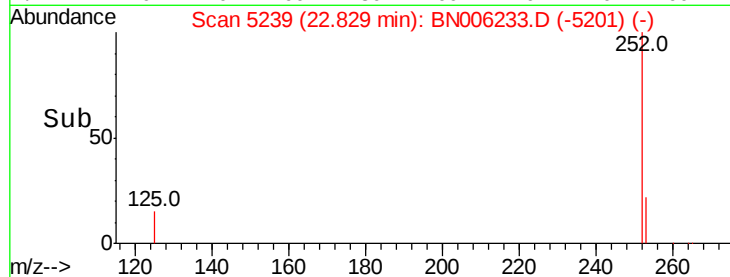
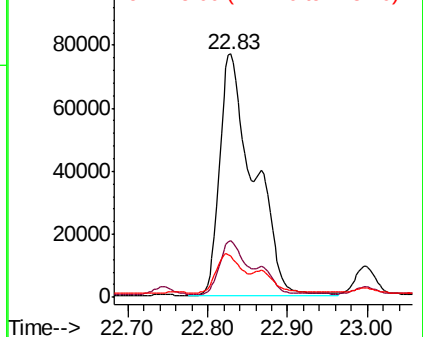
252 100

253 23.5 20.3 30.5

125 17.1 14.3 21.5



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: 1.314 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. -0.00 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

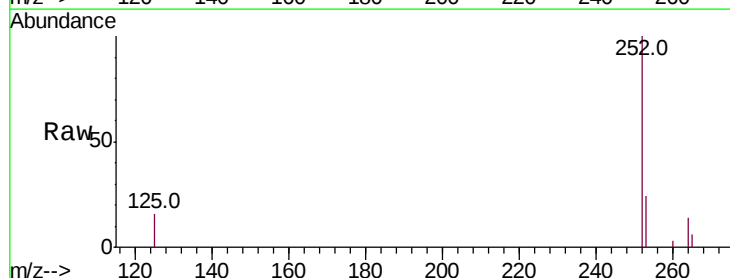
Tgt Ion:252 Resp: 99217

Ion Ratio Lower Upper

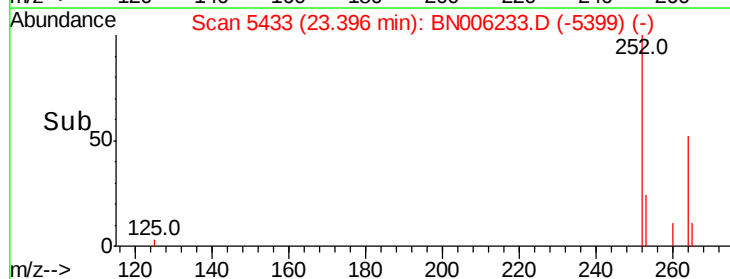
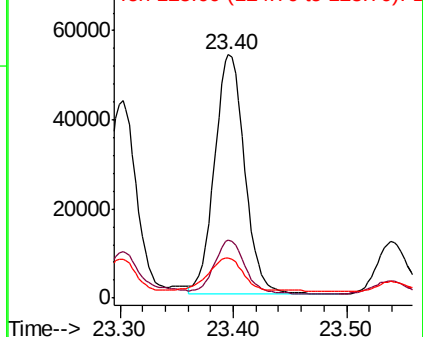
252 100

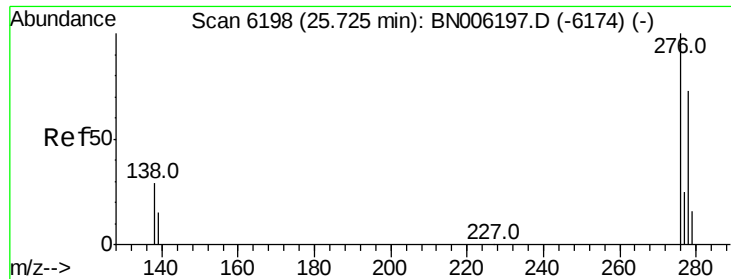
253 23.6 21.1 31.7

125 16.2 20.3 30.5#



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



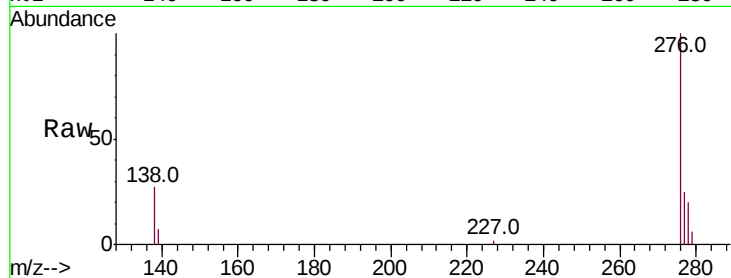


#24

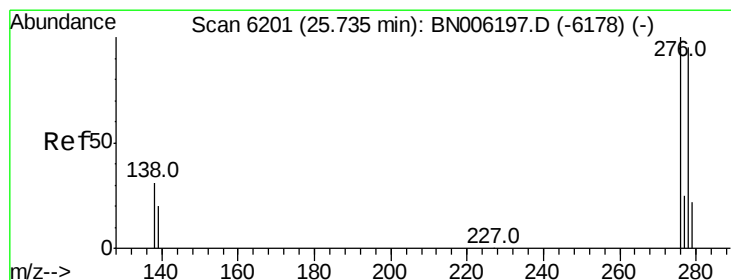
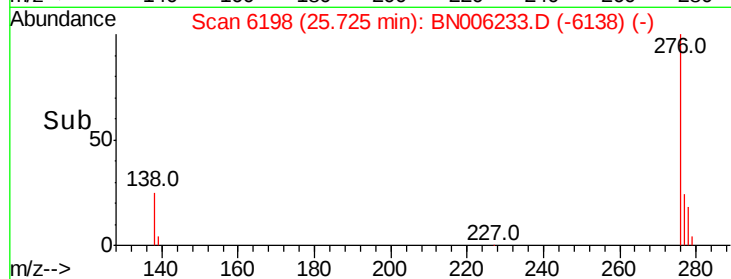
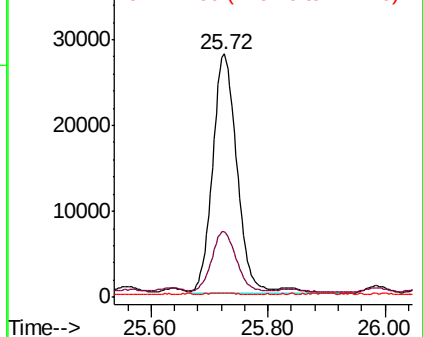
Indeno(1,2,3-cd)pyrene
Concen: 1.005 ng/ul
RT: 25.72 min Scan# 6198
Delta R.T. -0.00 min
Lab File: BN006233.D
Acq: 10 Jun 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 82117
Ion Ratio Lower Upper
276 100
138 24.8 25.6 38.4#
227 0.0 0.3 0.5#



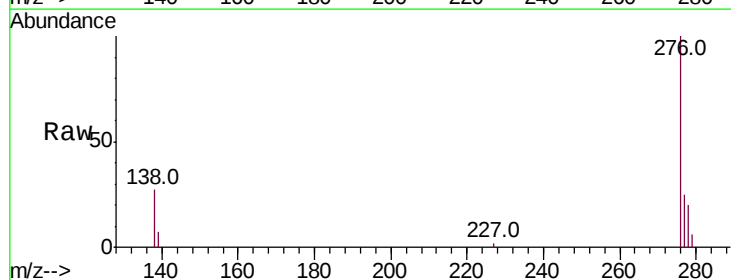
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



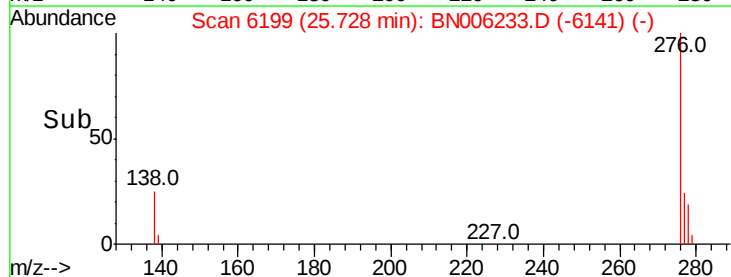
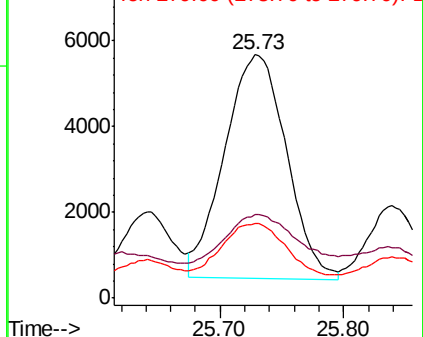
#25

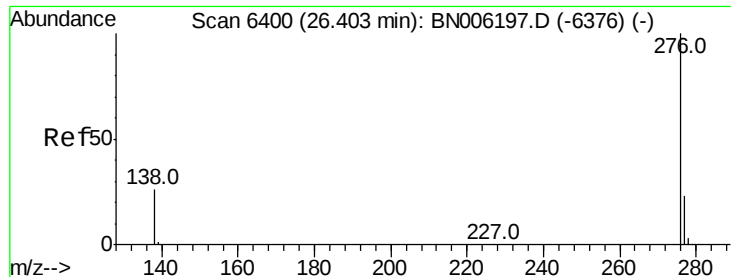
Dibenzo(a,h)anthracene
Concen: 0.277 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.01 min
Lab File: BN006233.D
Acq: 10 Jun 2019 21:10

Tgt Ion:278 Resp: 18109
Ion Ratio Lower Upper
278 100
139 34.2 21.2 31.8#
279 30.5 22.6 33.8



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: 1.048 ng/ul

RT: 26.41 min Scan# 6402

Delta R.T. 0.01 min

Lab File: BN006233.D

Acq: 10 Jun 2019 21:10

Instrument :

BNA_N

ClientSampleId :

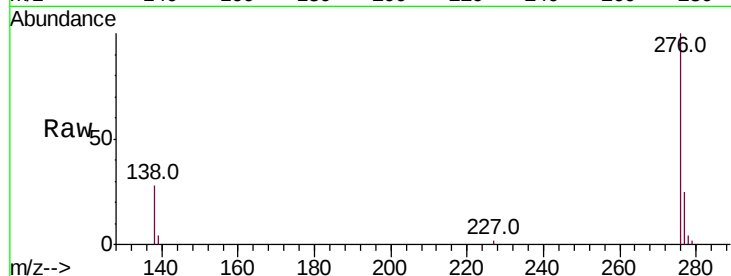
Tot Ion:276 Resp: 71697

Ion Ratio Lower Upper

276 100

138 28.3 24.2 36.4

277 24.9 21.5 32.3



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

