

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006216.D
 Acq On : 10 Jun 2019 11:15
 Operator : JU/SJ
 Sample : K3016-27
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51H5

Quant Time: Jun 10 11:50:44 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	5086	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19830	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9972	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	22015	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17980	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	20297	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	8937	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	21786	0.37	ng/ul	0.00

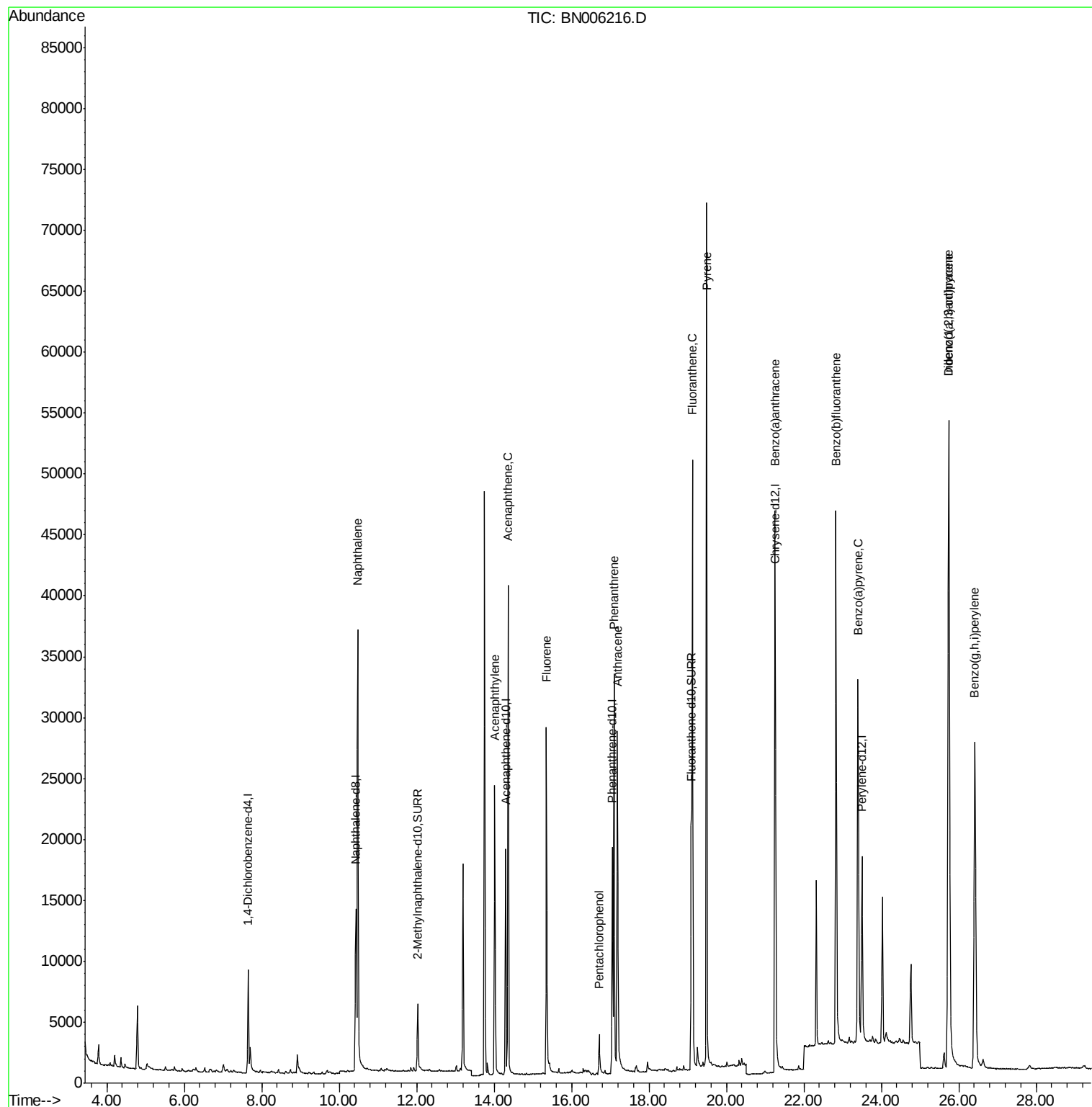
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.48	128	54667	0.999	ng/ul	99
7) Acenaphthylene	14.01	152	28966	0.523	ng/ul	100
8) Acenaphthene	14.36	153	22911	0.596	ng/ul	100
9) Fluorene	15.35	166	20093	0.447	ng/ul	97
11) Pentachlorophenol	16.71	266	3032	0.542	ng/ul	97
12) Phenanthrene	17.09	178	35978	0.509	ng/ul	99
13) Anthracene	17.18	178	34183	0.506	ng/ul	100
15) Fluoranthene	19.12	202	43051	0.552	ng/ul	98
17) Pyrene	19.49	202	59718	0.631	ng/ul	98
18) Benzo(a)anthracene	21.25	228	42372	0.533	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	42390	0.501	ng/ul#	62
23) Benzo(a)pyrene	23.40	252	35470	0.450	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.74	276	63532	0.745	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.75	278	48047	0.704	ng/ul	93
26) Benzo(g,h,i)perylene	26.41	276	56204	0.787	ng/ul	95

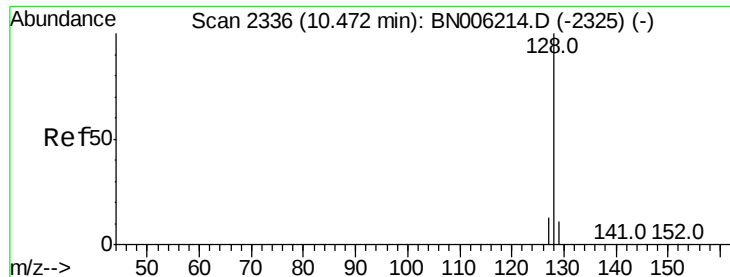
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.999 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

Instrument :

BNA_N

ClientSampleId :

A51H5

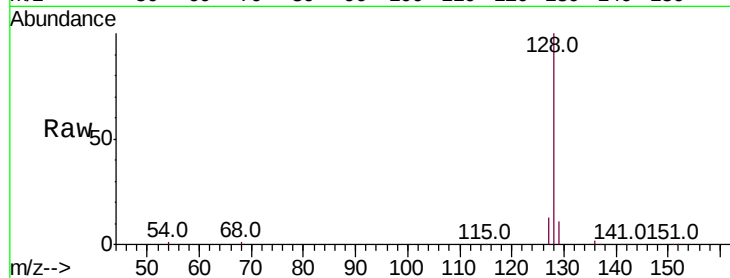
Tot Ion:128 Resp: 54667

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

127 12.9 10.7 16.1

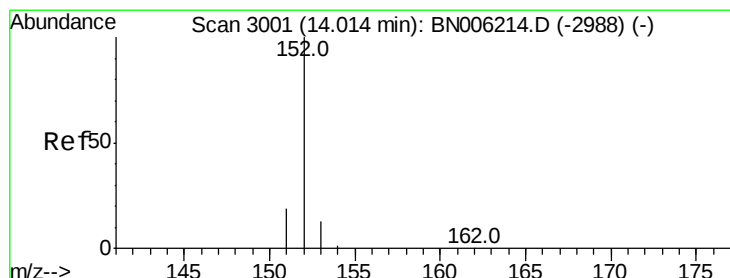
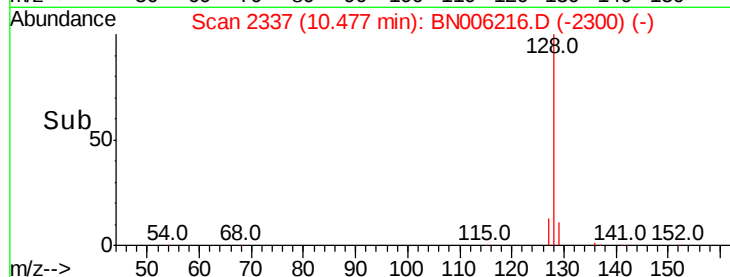
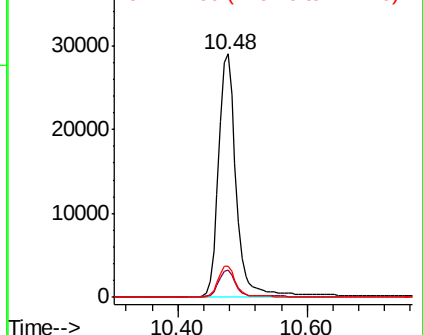


Abundance

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: 0.523 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

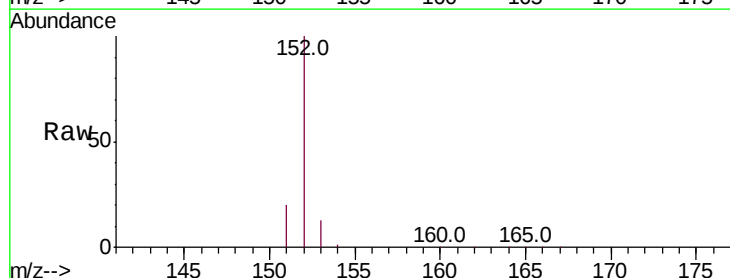
Tgt Ion:152 Resp: 28966

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.2 10.8 16.2

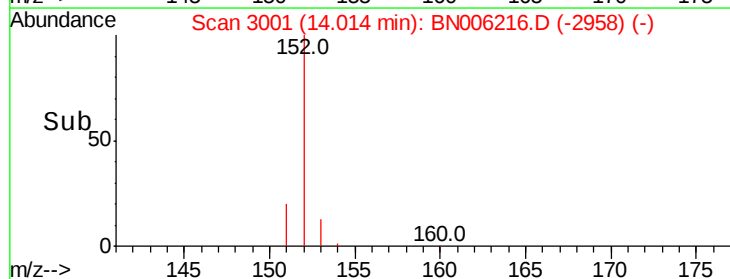
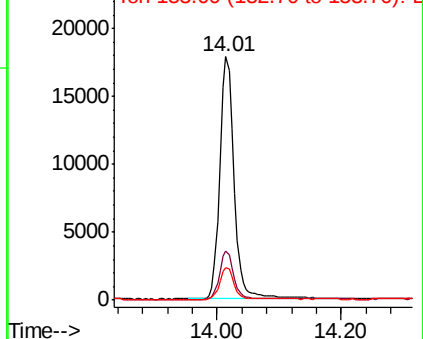


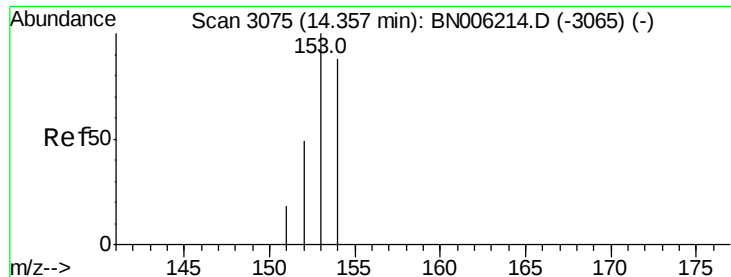
Abundance

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: 0.596 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

Instrument :

BNA_N

ClientSampleId :

A51H5

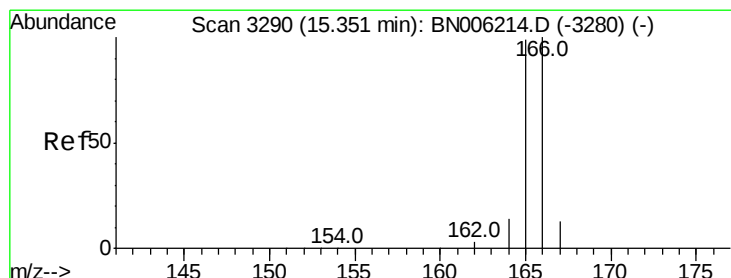
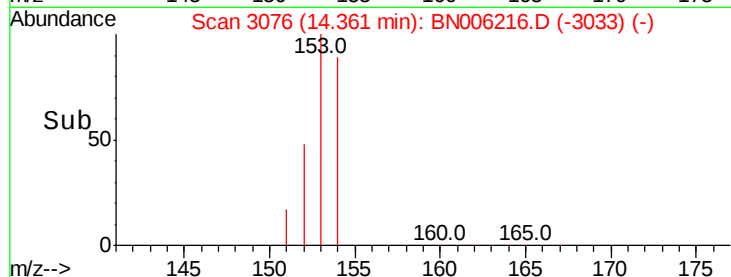
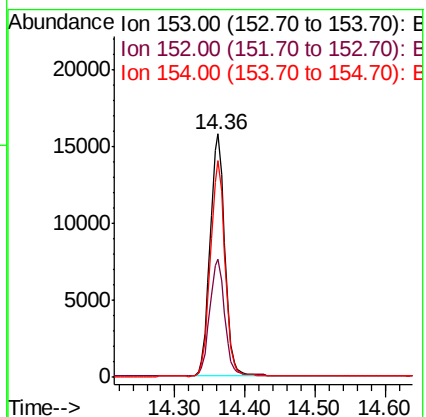
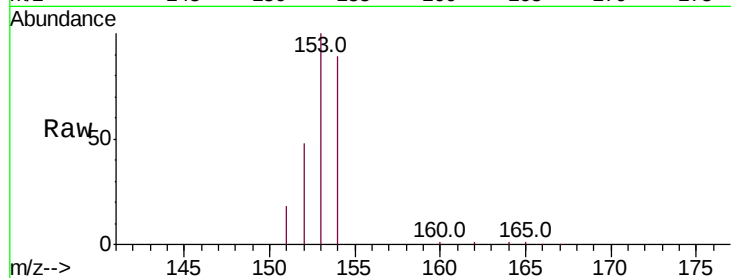
Tot Ion:153 Resp: 22911

Ion Ratio Lower Upper

153 100

152 48.4 39.1 58.7

154 88.8 71.1 106.7



#9

Fluorene

Concen: 0.447 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

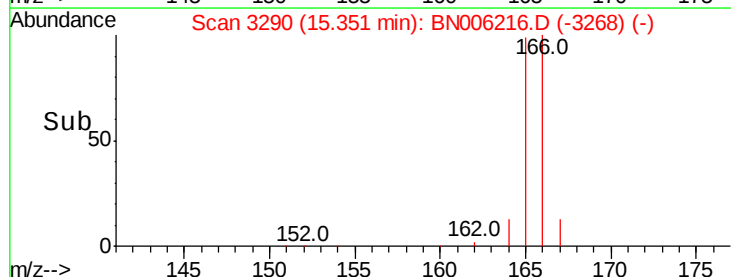
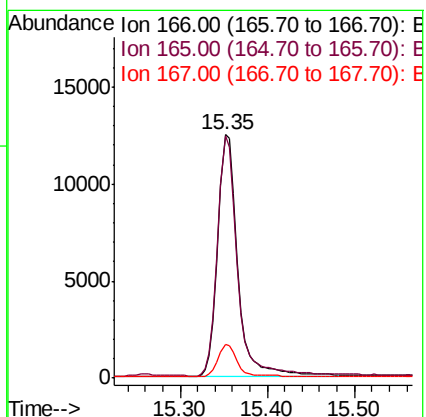
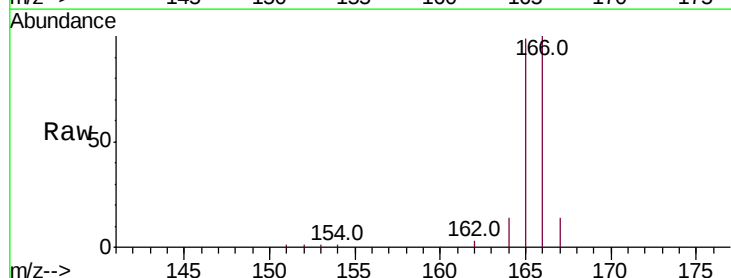
Tgt Ion:166 Resp: 20093

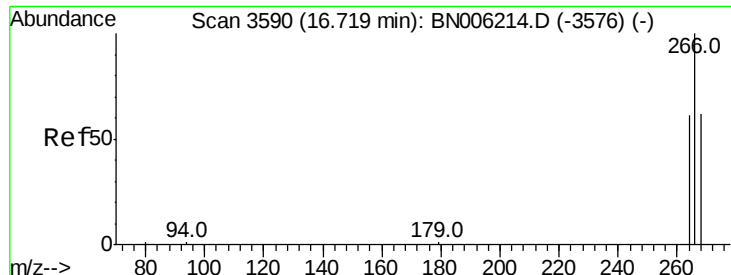
Ion Ratio Lower Upper

166 100

165 99.4 76.4 114.6

167 13.9 11.0 16.6

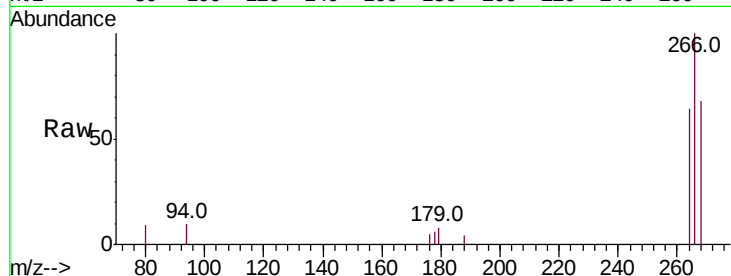




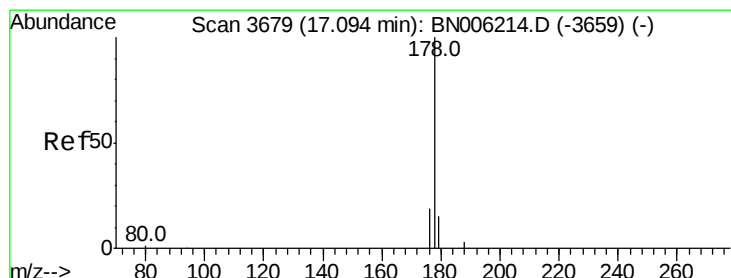
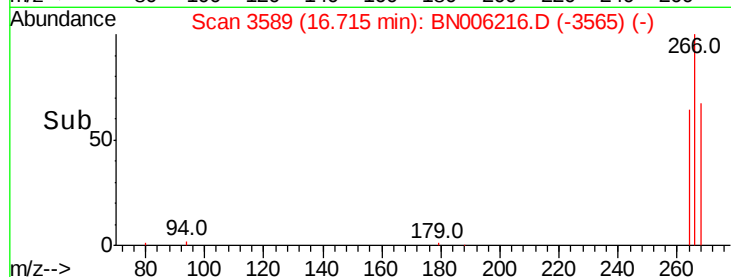
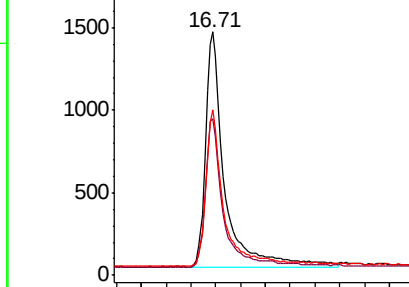
#11
 Pentachlorophenol
 Concen: 0.542 ng/ul
 RT: 16.71 min Scan# 3589
 Delta R.T. -0.00 min
 Lab File: BN006216.D
 Acq: 10 Jun 2019 11:15

Instrument :
 BNA_N
 ClientSampleId :
 A51H5

Tot Ion:266 Resp: 3032
 Ion Ratio Lower Upper
 266 100
 264 65.1 50.3 75.5
 268 66.6 51.3 76.9

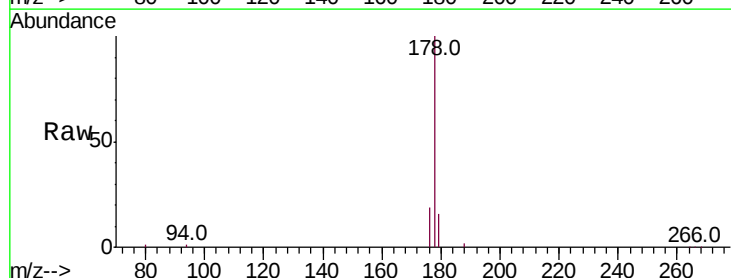


Abundance Ion 266.00 (265.70 to 266.70): E
 2000 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

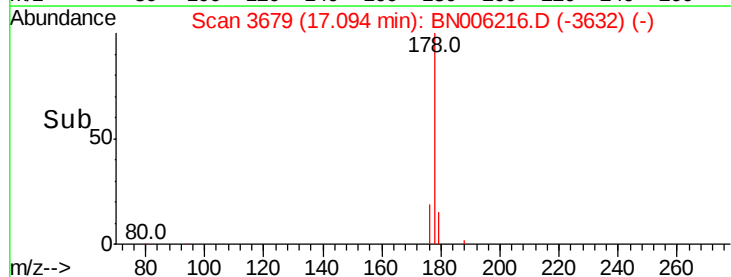
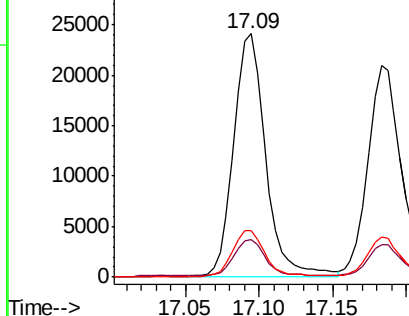


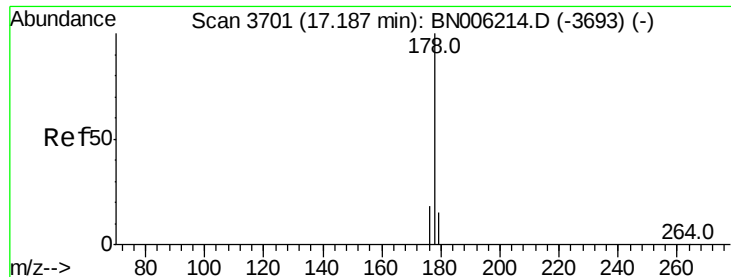
#12
 Phenanthrene
 Concen: 0.509 ng/ul
 RT: 17.09 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN006216.D
 Acq: 10 Jun 2019 11:15

Tgt Ion:178 Resp: 35978
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 19.3 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
 30000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.506 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

Instrument :

BNA_N

ClientSampleId :

A51H5

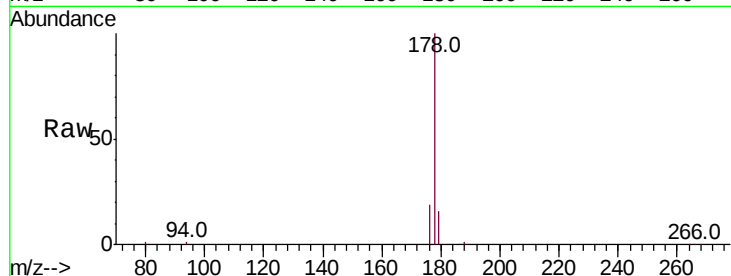
Tot Ion:178 Resp: 34183

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

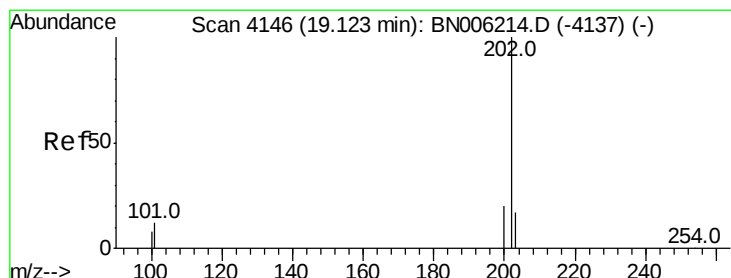
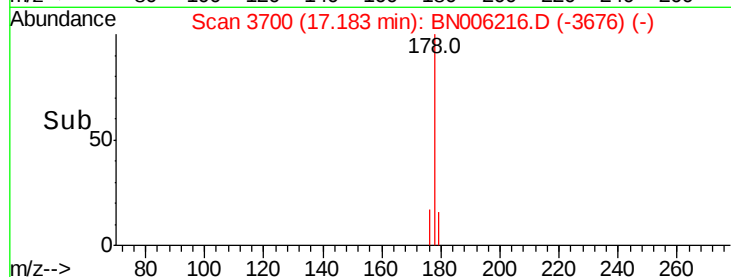
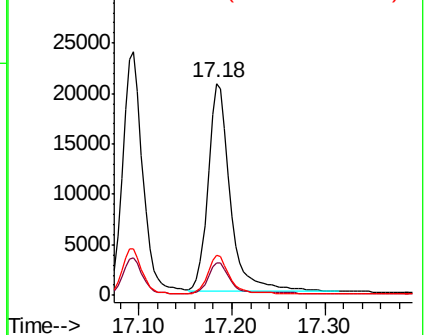
176 18.9 15.1 22.7



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: 0.552 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

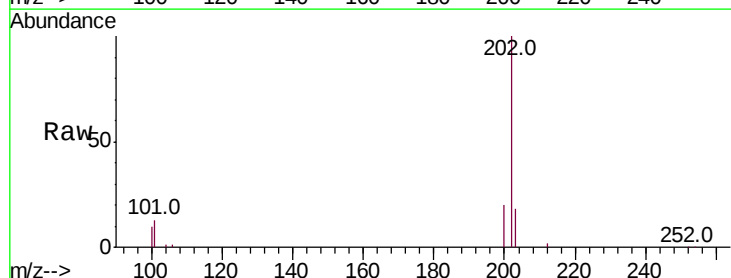
Tgt Ion:202 Resp: 43051

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.1

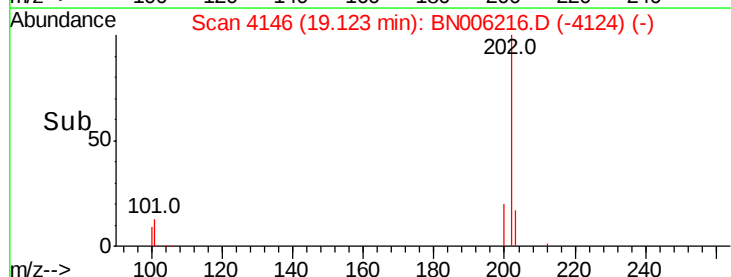
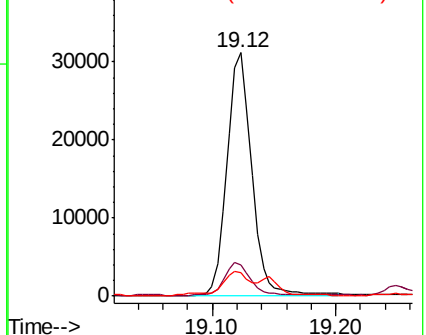
100 9.5 0.0 28.7

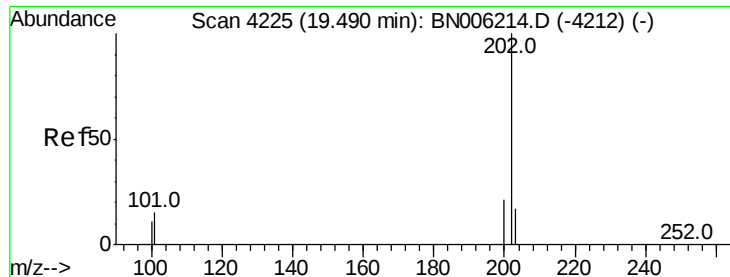


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

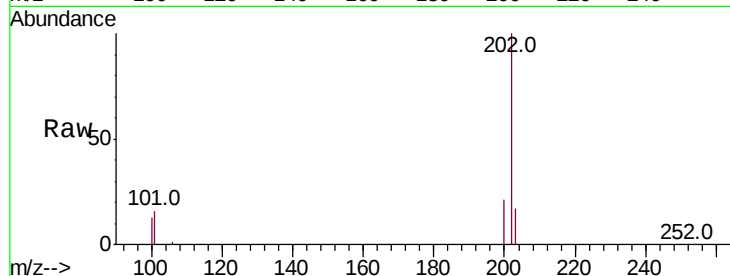




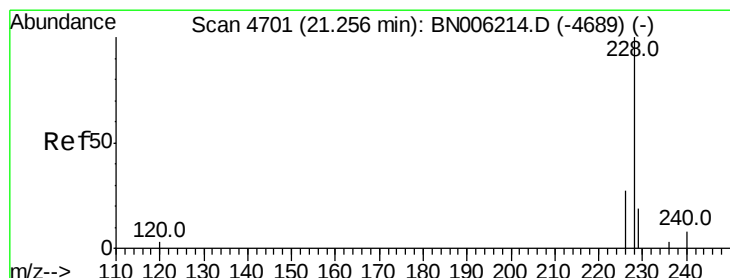
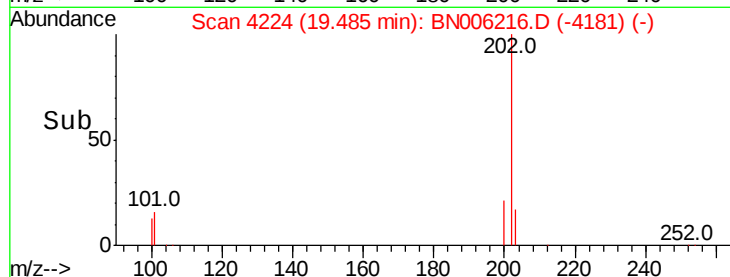
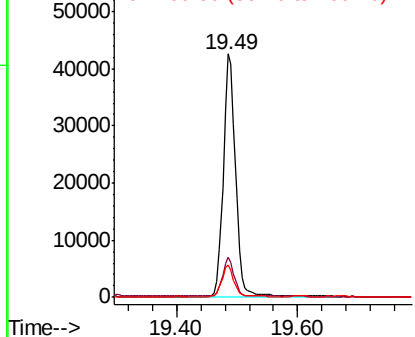
#17
Pvrene
Concen: 0.631 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006216.D
Acq: 10 Jun 2019 11:15

Instrument :
BNA_N
ClientSampled :
A51H5

Tot Ion:202 Resp: 59718
Ion Ratio Lower Upper
202 100
101 16.3 12.2 18.2
100 13.1 9.8 14.6

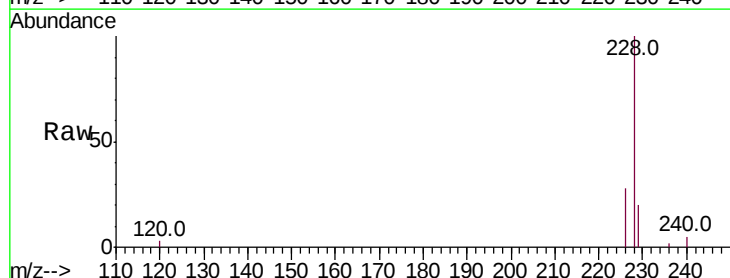


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

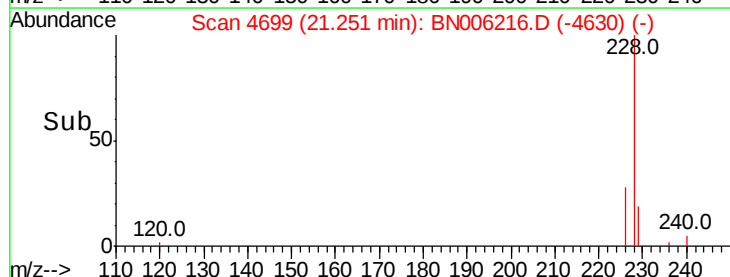
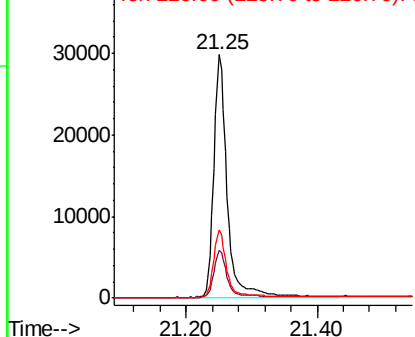


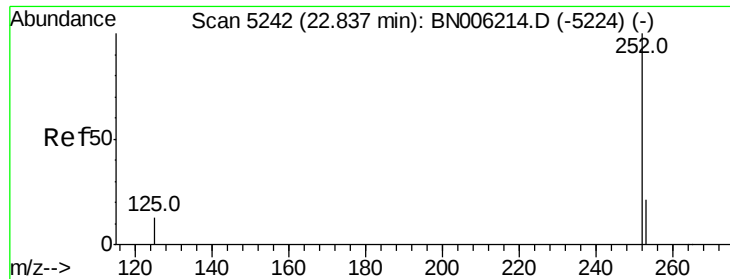
#18
Benzo(a)anthracene
Concen: 0.533 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006216.D
Acq: 10 Jun 2019 11:15

Tgt Ion:228 Resp: 42372
Ion Ratio Lower Upper
228 100
229 19.7 16.5 24.7
226 27.8 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





#21

Benzo(b)fluoranthene

Concen: 0.501 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. 0.01 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

Instrument :

BNA_N

ClientSampleId :

A51H5

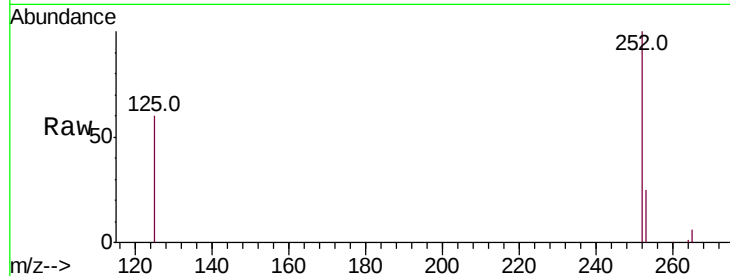
Tot Ion:252 Resp: 42390

Ion Ratio Lower Upper

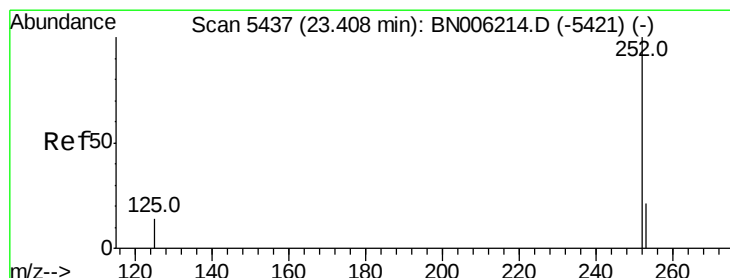
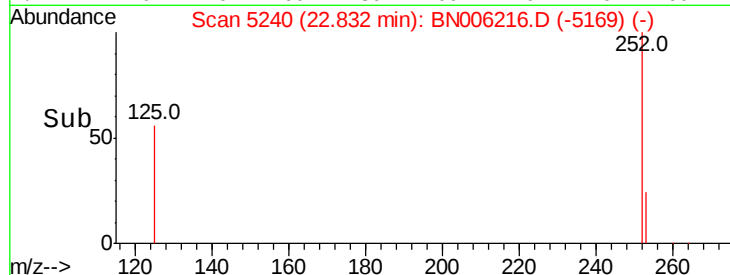
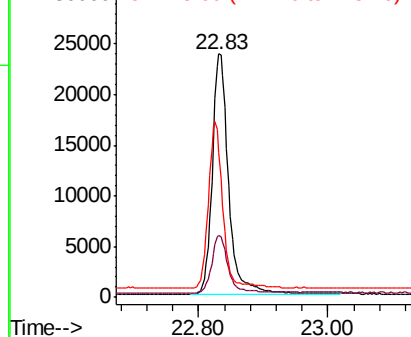
252 100

253 25.2 0.0 51.4

125 59.7 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



#23

Benzo(a)pyrene

Concen: 0.450 ng/ul

RT: 23.40 min Scan# 5436

Delta R.T. 0.01 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

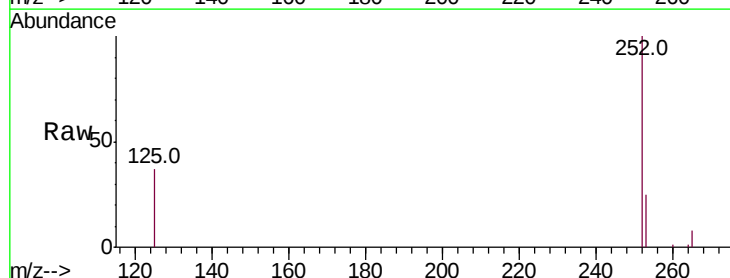
Tgt Ion:252 Resp: 35470

Ion Ratio Lower Upper

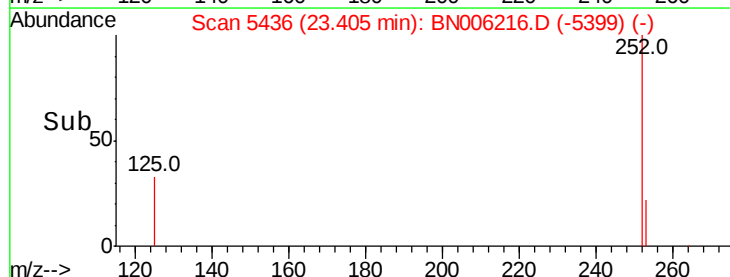
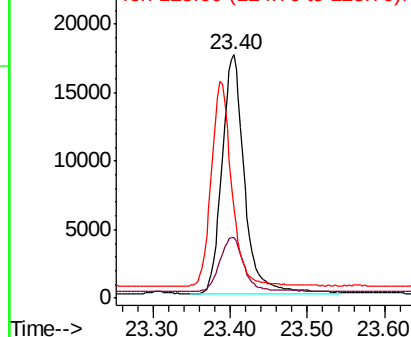
252 100

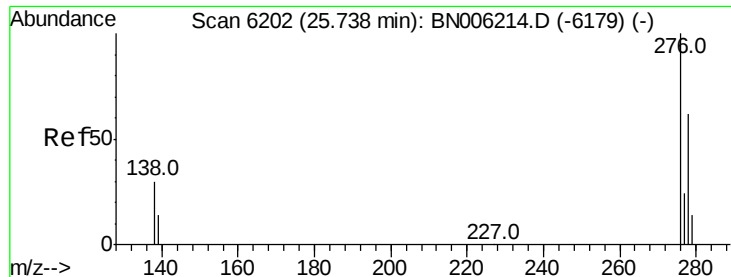
253 24.7 21.1 31.7

125 36.7 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

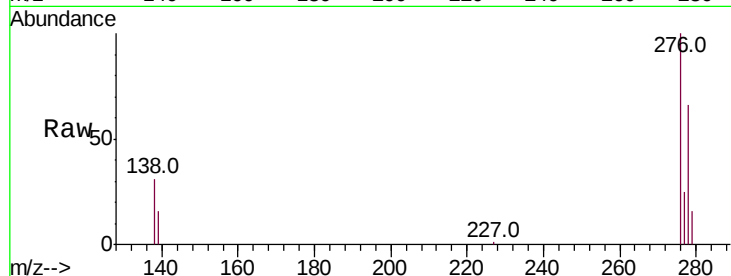




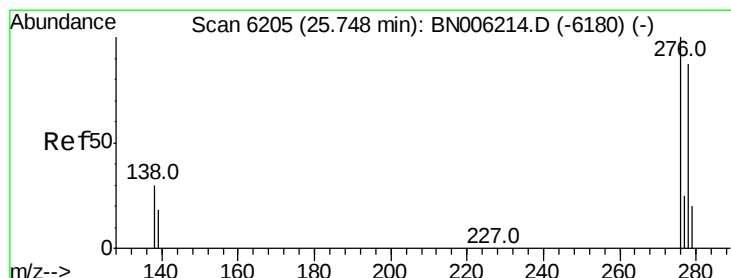
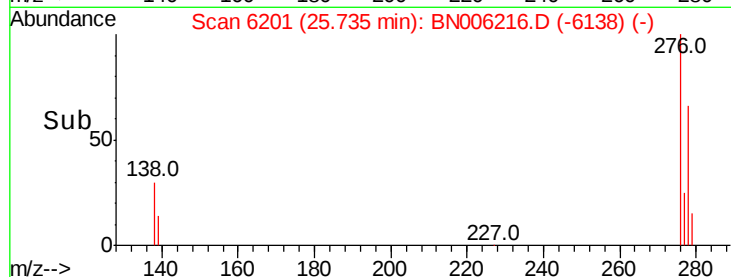
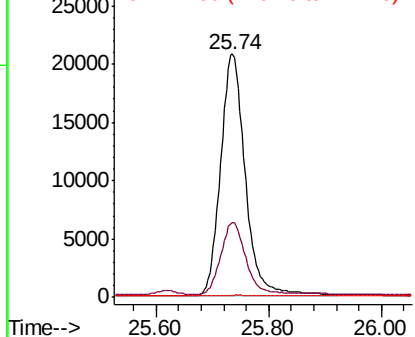
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.745 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. 0.01 min
 Lab File: BN006216.D
 Acq: 10 Jun 2019 11:15

Instrument :
 BNA_N
 ClientSampleId :
 A51H5

Tot Ion:276 Resp: 63532
 Ion Ratio Lower Upper
 276 100
 138 30.3 25.6 38.4
 227 0.1 0.3 0.5#

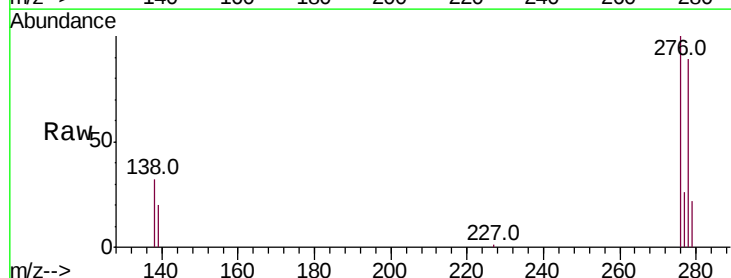


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

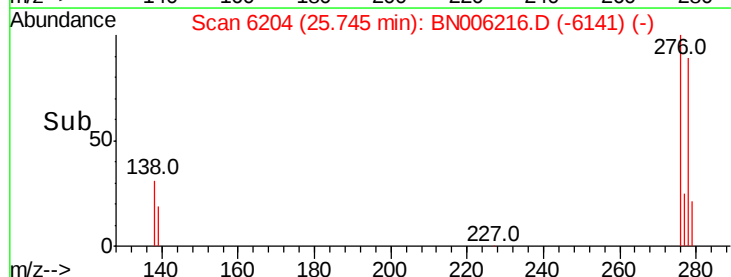
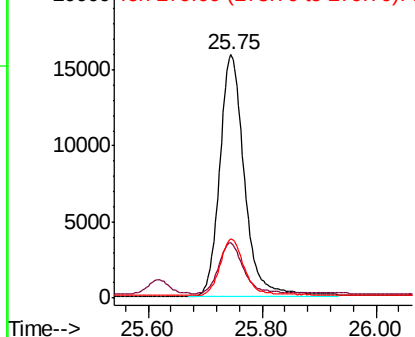


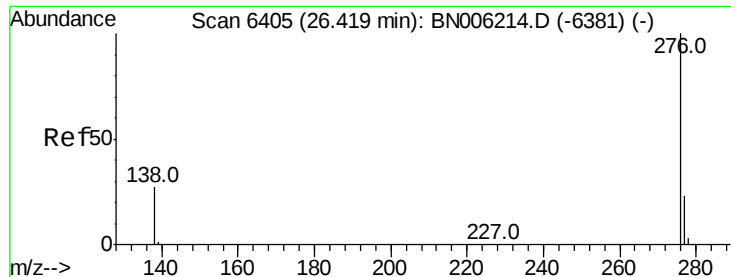
#25
 Dibenzo(a,h)anthracene
 Concen: 0.704 ng/ul
 RT: 25.75 min Scan# 6204
 Delta R.T. 0.01 min
 Lab File: BN006216.D
 Acq: 10 Jun 2019 11:15

Tgt Ion:278 Resp: 48047
 Ion Ratio Lower Upper
 278 100
 139 22.9 21.2 31.8
 279 24.2 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: 0.787 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. 0.01 min

Lab File: BN006216.D

Acq: 10 Jun 2019 11:15

Instrument :

BNA_N

ClientSampleId :

A51H5

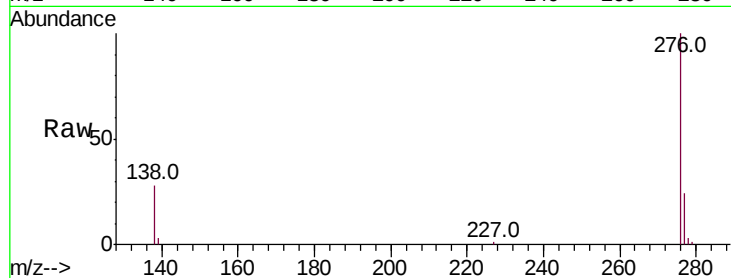
Tot Ion:276 Resp: 56204

Ion Ratio Lower Upper

276 100

138 27.6 24.2 36.4

277 23.8 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

