

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
 Data File : BN006970.D
 Acq On : 23 Jul 2019 12:31
 Operator : HP/JU
 Sample : K3772-19DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52U1DL

Quant Time: Jul 23 14:01:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1622	0.40	ng/ul	0.05
2) Naphthalene-d8	10.39	136	6978	0.40	ng/ul	0.03
6) Acenaphthene-d10	14.25	164	3755	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	7732	0.40	ng/ul	0.02
16) Chrysene-d12	21.24	240	6318	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	7095	0.40	ng/ul	0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1568	0.15	ng/ul	0.07
14) Fluoranthene-d10	19.07	212	4001	0.18	ng/ul	0.02

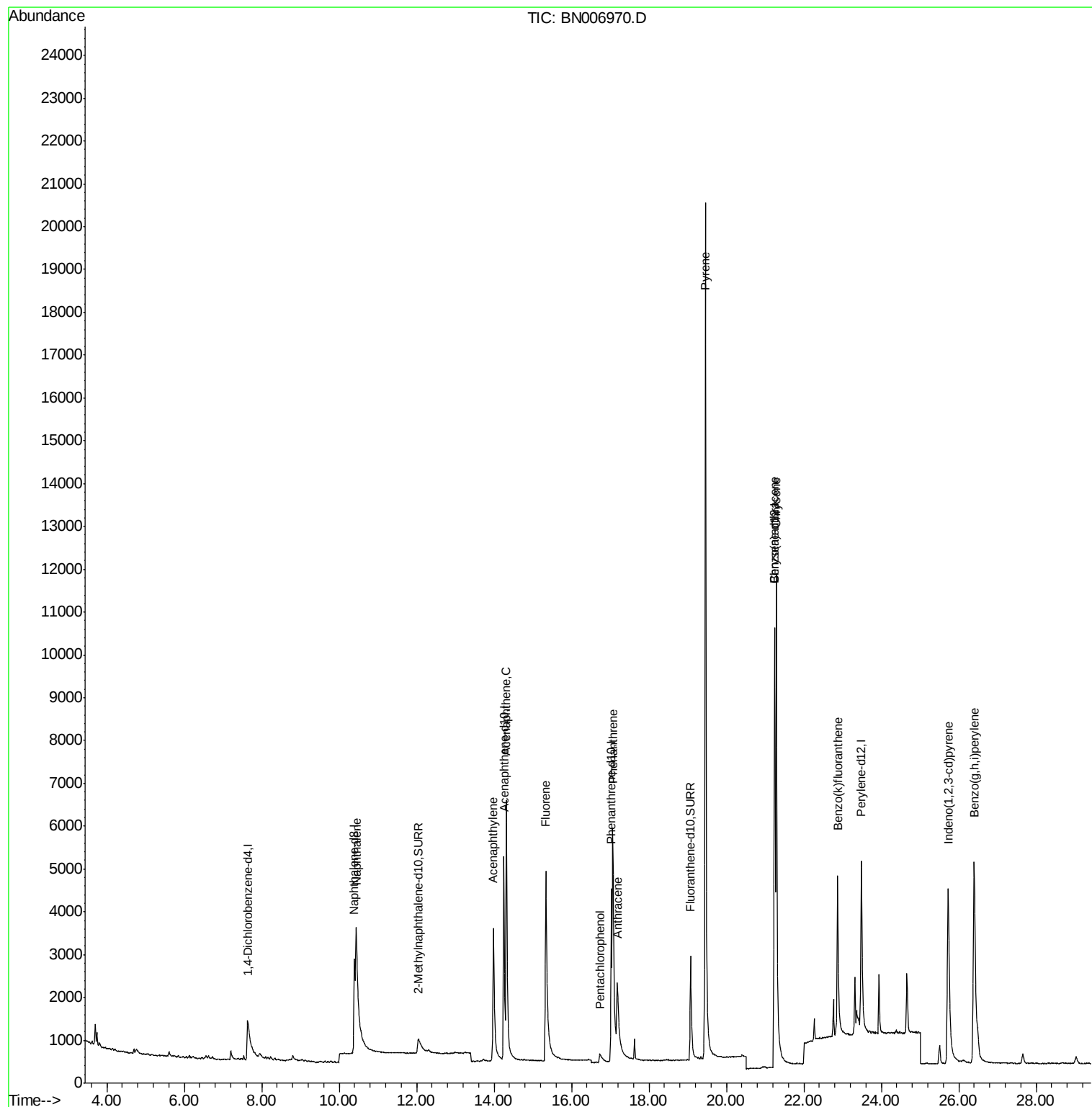
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	8498	0.424	ng/ul	95
7) Acenaphthylene	13.98	152	6742	0.348	ng/ul	97
8) Acenaphthene	14.32	153	5548	0.371	ng/ul	98
9) Fluorene	15.33	166	6457	0.394	ng/ul	99
11) Pentachlorophenol	16.73	266	542	0.471	ng/ul	95
12) Phenanthrene	17.06	178	9035	0.363	ng/ul	97
13) Anthracene	17.18	178	3546	0.165	ng/ul	94
17) Pyrene	19.46	202	23943	0.829	ng/ul	98
18) Benzo(a)anthracene	21.23	228	7850	0.302	ng/ul	100
19) Chrysene	21.28	228	16714	0.577	ng/ul	99
22) Benzo(k)fluoranthene	22.87	252	7386	0.243	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.73	276	11045	0.383	ng/ul#	85
26) Benzo(g,h,i)perylene	26.40	276	12869	0.534	ng/ul	97

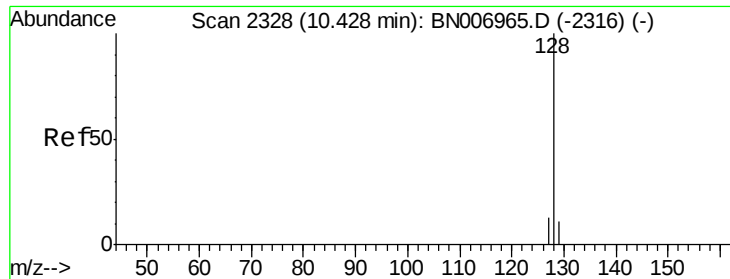
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006970.D
Acq On : 23 Jul 2019 12:31
Operator : HP/JU
Sample : K3772-19DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52U1DL

Quant Time: Jul 23 14:01:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.424 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.03 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

Instrument :

BNA_N

ClientSampleId :

A52U1DL

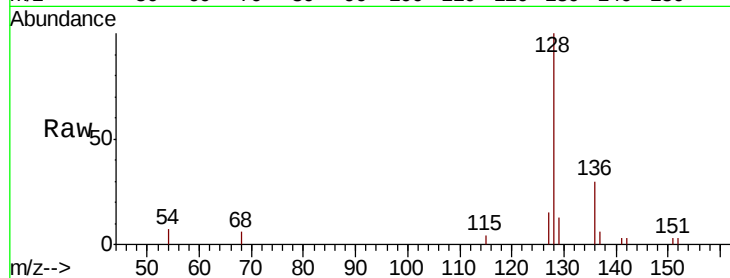
Tot Ion:128 Resp: 8498

Ion Ratio Lower Upper

128 100

129 13.4 9.4 14.0

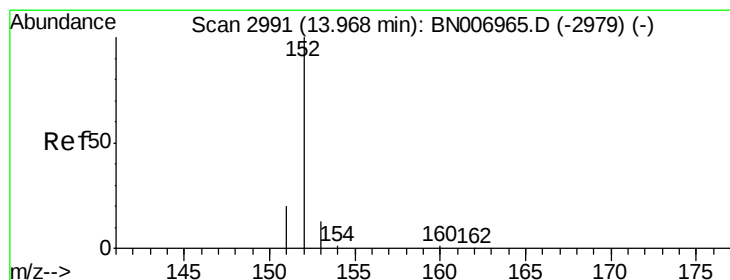
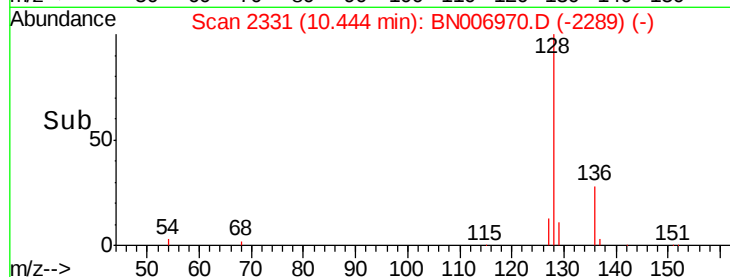
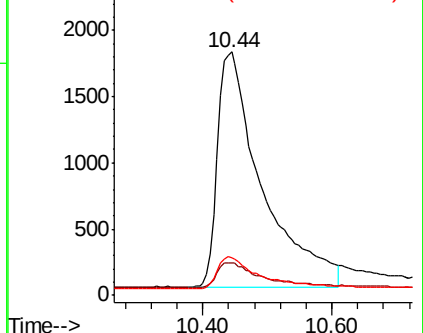
127 15.4 10.6 16.0



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: 0.348 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. 0.02 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

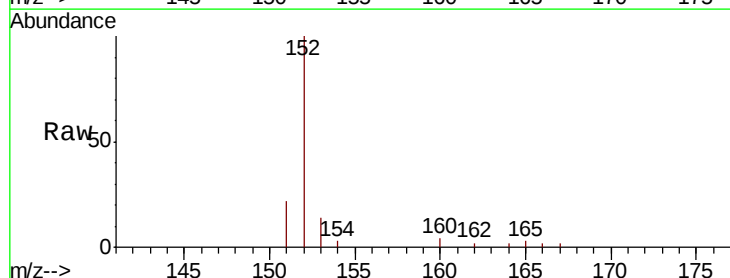
Tgt Ion:152 Resp: 6742

Ion Ratio Lower Upper

152 100

151 21.7 16.1 24.1

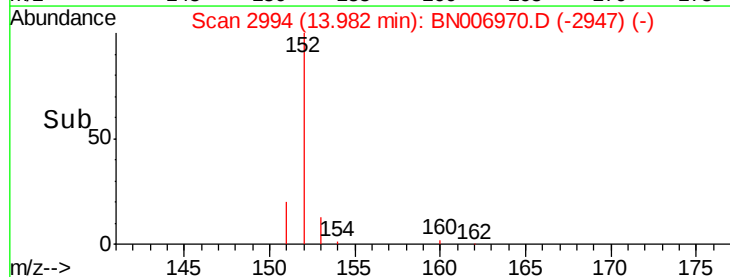
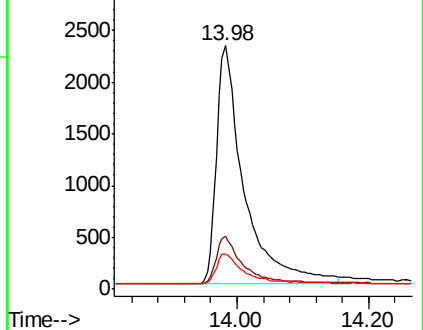
153 14.4 11.2 16.8

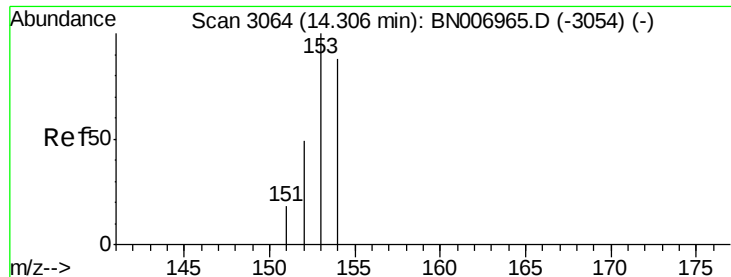


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.371 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

Instrument :

BNA_N

ClientSampleId :

A52U1DL

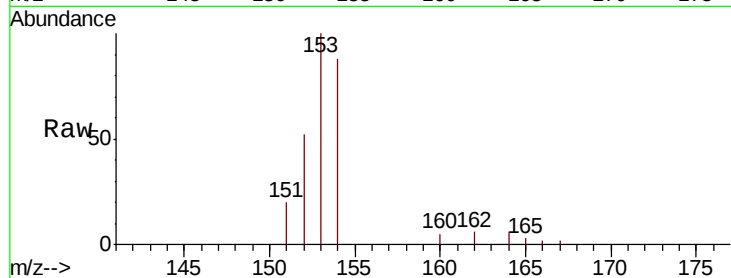
Tot Ion:153 Resp: 5548

Ion Ratio Lower Upper

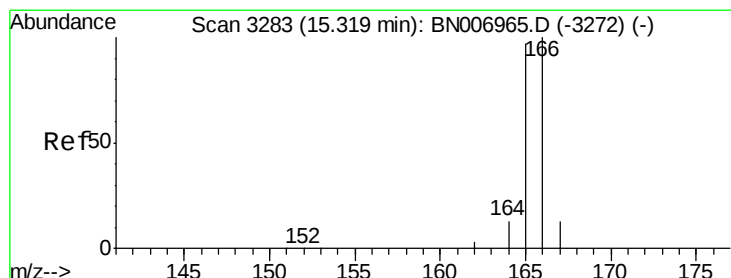
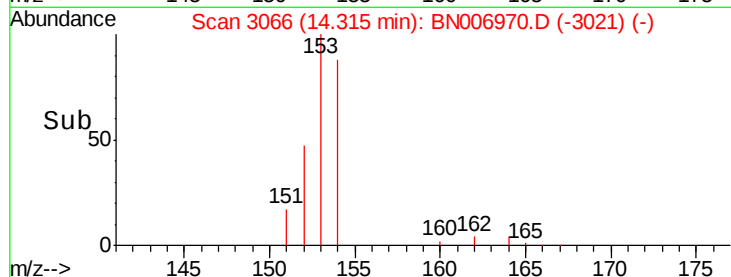
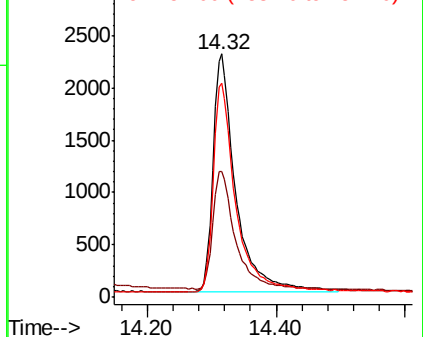
153 100

152 51.9 39.3 58.9

154 87.9 70.6 105.8



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: 0.394 ng/ul

RT: 15.33 min Scan# 3286

Delta R.T. 0.02 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

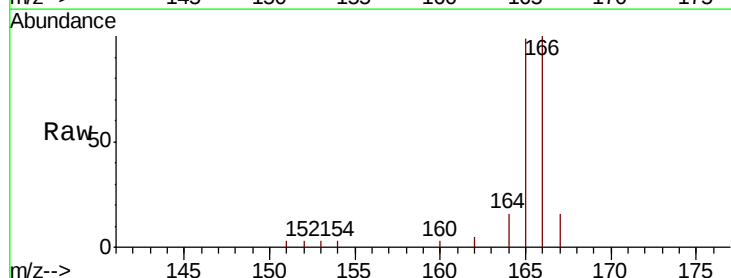
Tgt Ion:166 Resp: 6457

Ion Ratio Lower Upper

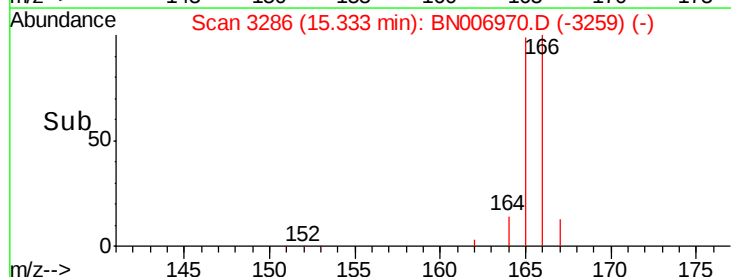
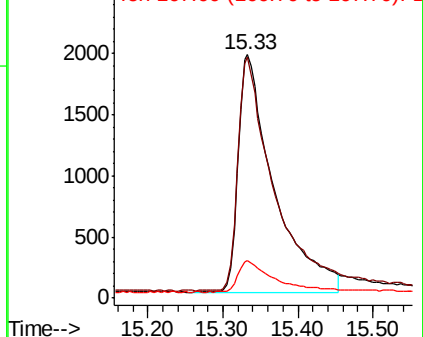
166 100

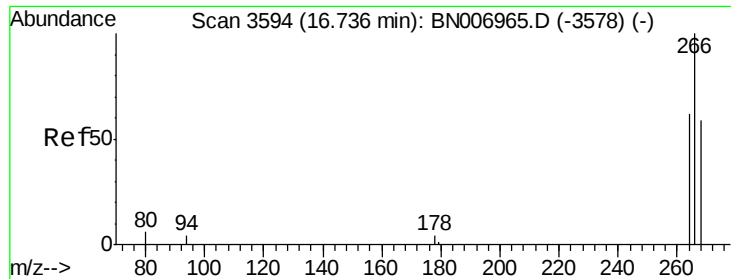
165 98.9 78.2 117.4

167 15.6 11.3 16.9



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

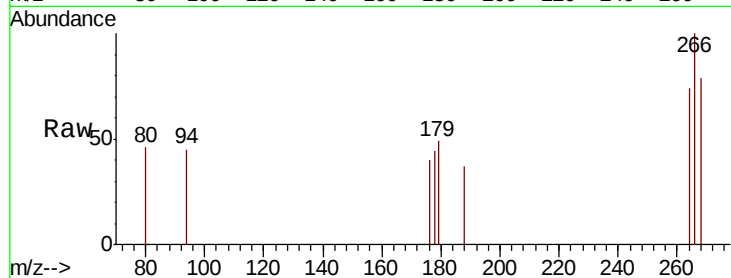




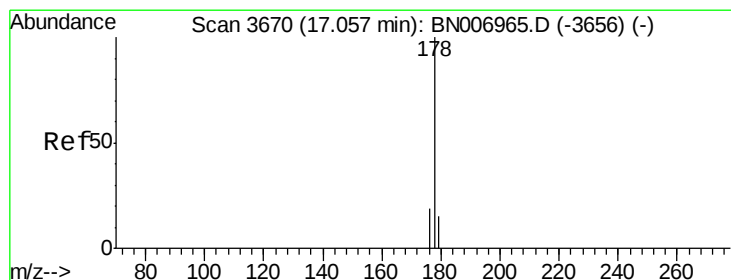
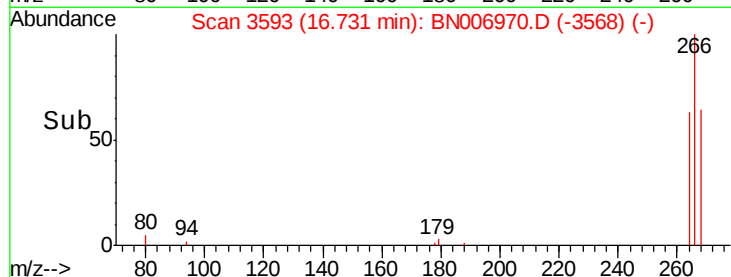
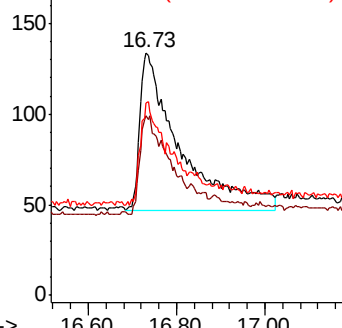
#11
 Pentachlorophenol
 Concen: 0.471 ng/ul
 RT: 16.73 min Scan# 3593
 Delta R.T. 0.00 min
 Lab File: BN006970.D
 Acq: 23 Jul 2019 12:31

Instrument :
 BNA_N
 ClientSampleId :
 A52U1DL

Tot Ion:266 Resp: 542
 Ion Ratio Lower Upper
 266 100
 264 50.7 45.9 68.9
 268 60.7 48.1 72.1

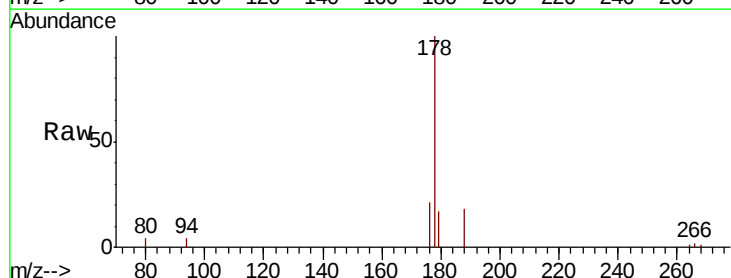


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

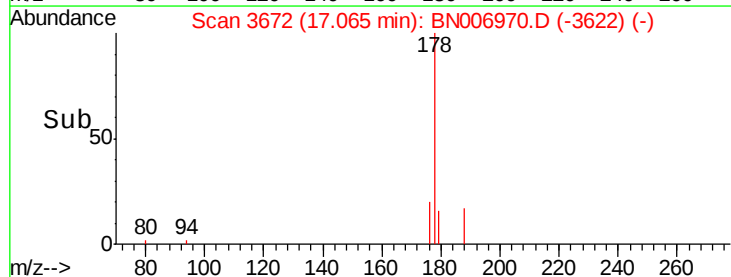
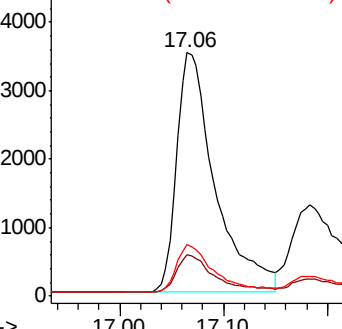


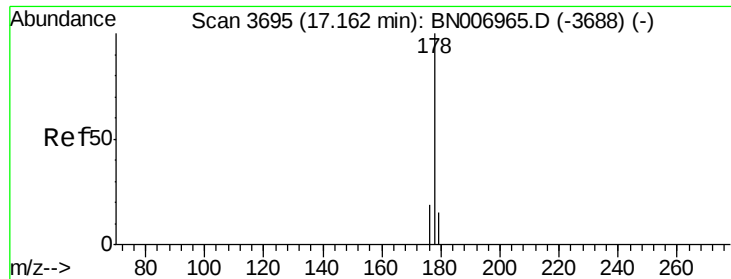
#12
 Phenanthrene
 Concen: 0.363 ng/ul
 RT: 17.06 min Scan# 3672
 Delta R.T. 0.01 min
 Lab File: BN006970.D
 Acq: 23 Jul 2019 12:31

Tgt Ion:178 Resp: 9035
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.6 19.0
 176 21.0 15.8 23.8



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





#13

Anthracene

Concen: 0.165 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. 0.03 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

Instrument :

BNA_N

ClientSampleId :

A52U1DL

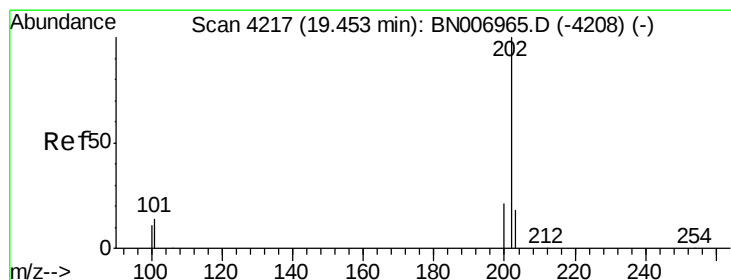
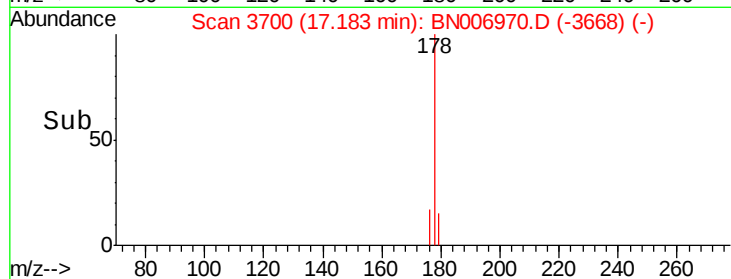
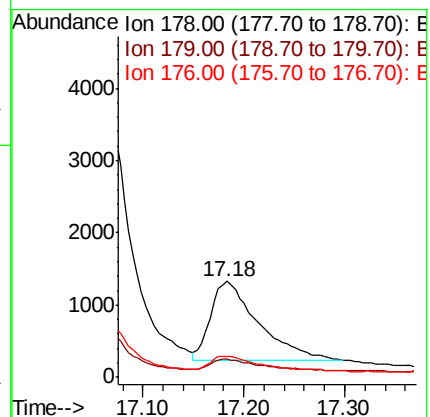
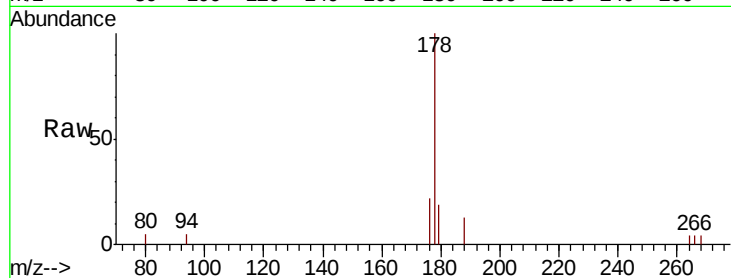
Tot Ion:178 Resp: 3546

Ion Ratio Lower Upper

178 100

179 18.9 12.7 19.1

176 22.1 15.8 23.6



#17

Pyrene

Concen: 0.829 ng/ul

RT: 19.46 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

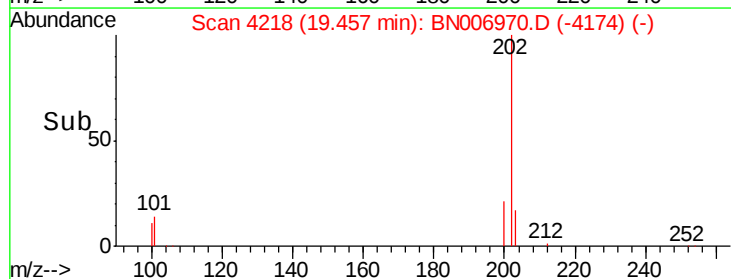
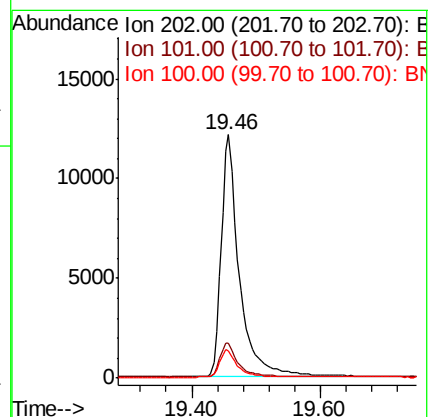
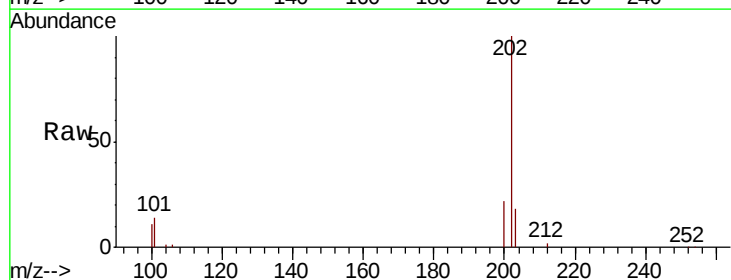
Tgt Ion:202 Resp: 23943

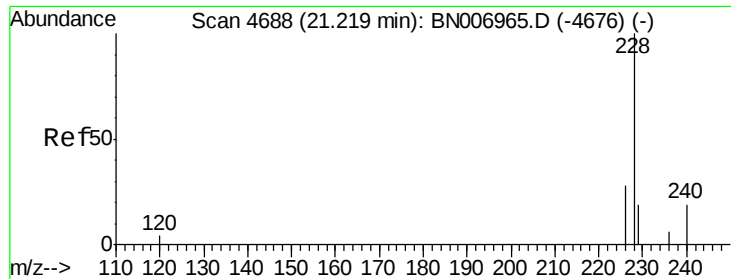
Ion Ratio Lower Upper

202 100

101 14.3 12.2 18.2

100 11.2 9.8 14.8





#18

Benzo(a)anthracene

Concen: 0.302 ng/ul

RT: 21.23 min Scan# 4693

Delta R.T. 0.01 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

Instrument :

BNA_N

ClientSampleId :

A52U1DL

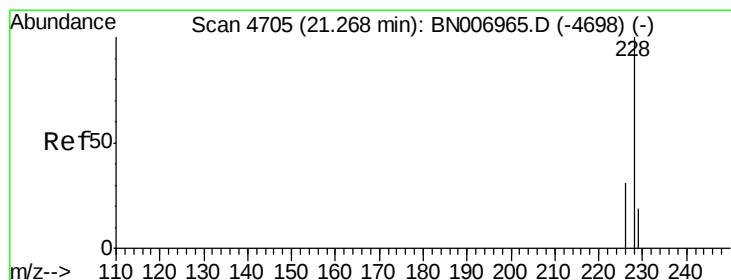
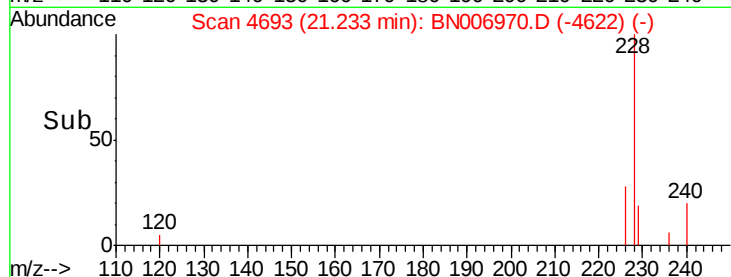
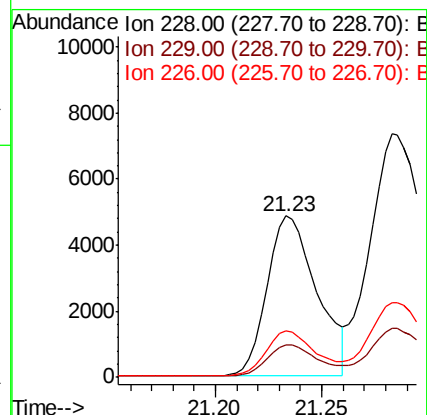
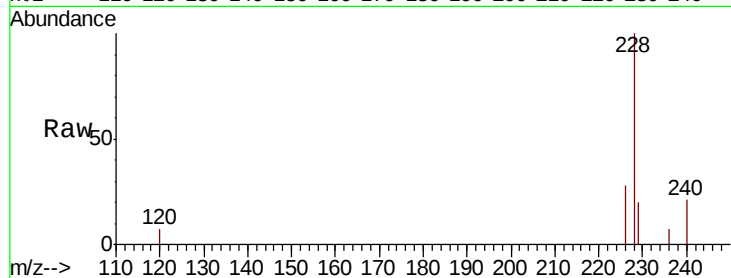
Tot Ion:228 Resp: 7850

Ion Ratio Lower Upper

228 100

229 19.8 15.9 23.9

226 28.5 22.6 34.0



#19

Chrysene

Concen: 0.577 ng/ul

RT: 21.28 min Scan# 4710

Delta R.T. 0.01 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

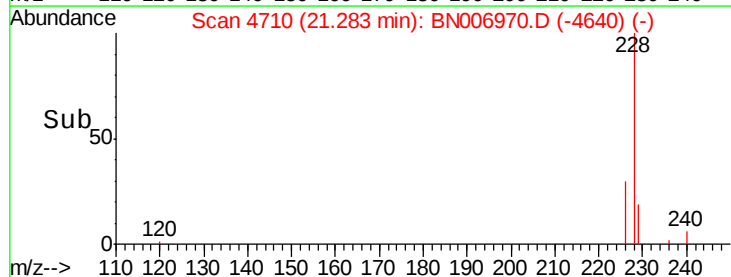
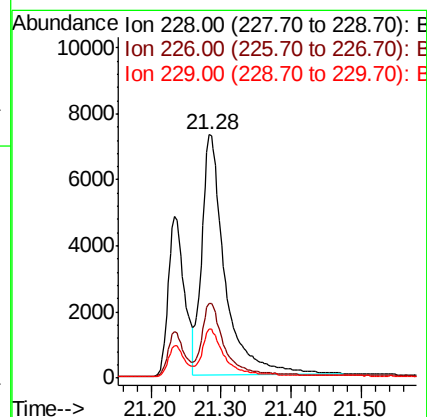
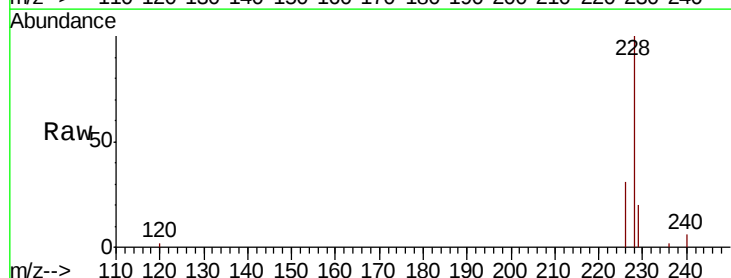
Tgt Ion:228 Resp: 16714

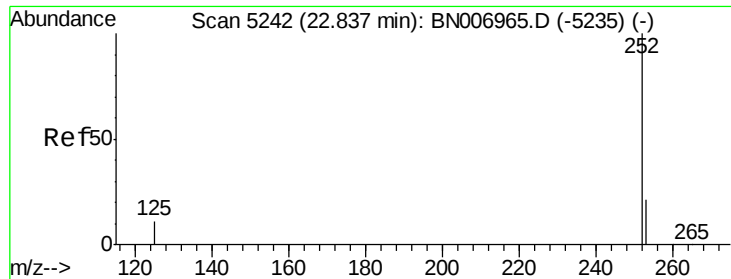
Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

229 20.0 15.5 23.3





#22

Benzo(k)fluoranthene

Concen: 0.243 ng/u1

RT: 22.87 min Scan# 5253

Delta R.T. 0.02 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

Instrument :

BNA_N

ClientSampleId :

A52U1DL

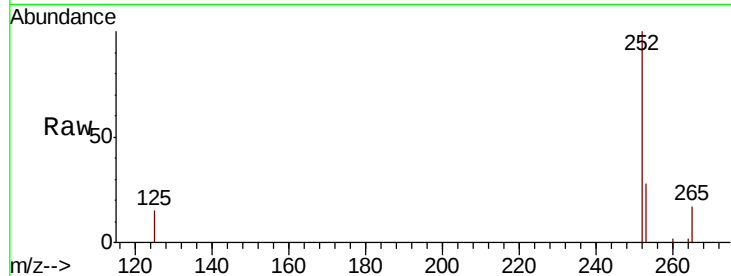
Tot Ion:252 Resp: 7386

Ion Ratio Lower Upper

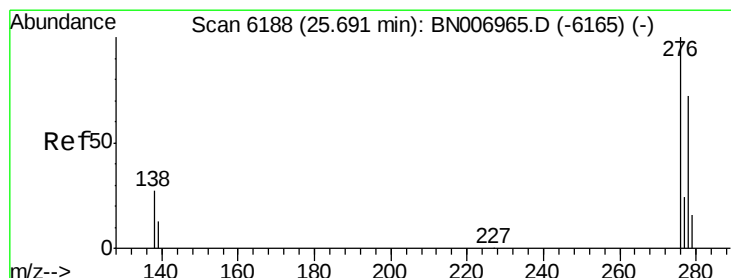
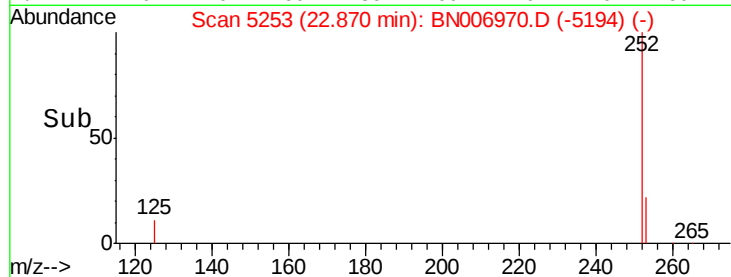
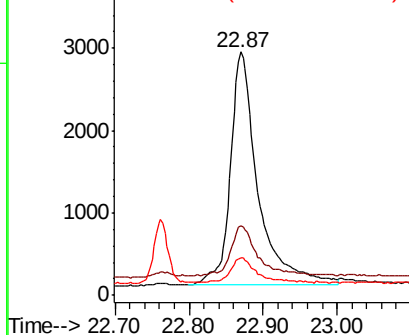
252 100

253 28.4 19.2 28.8

125 15.3 11.0 16.6



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: 0.383 ng/u1

RT: 25.73 min Scan# 6198

Delta R.T. 0.03 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

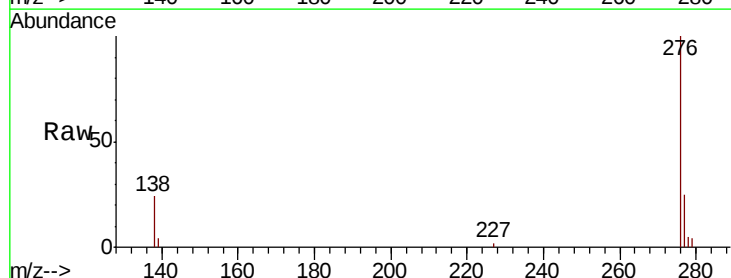
Tgt Ion:276 Resp: 11045

Ion Ratio Lower Upper

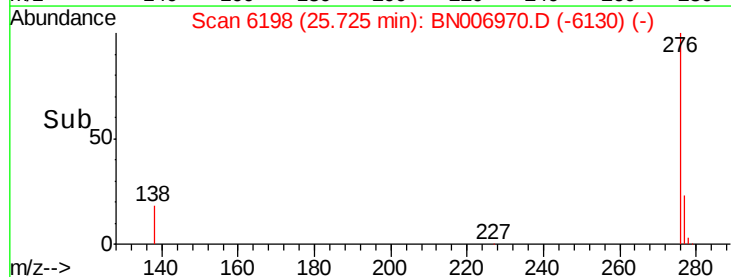
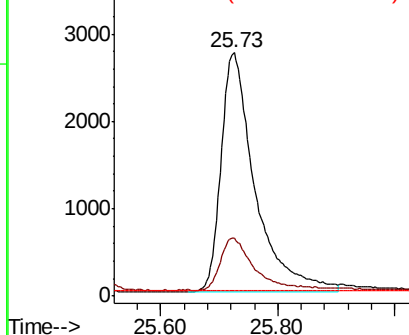
276 100

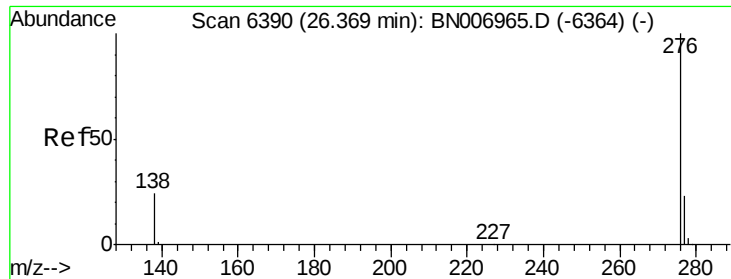
138 22.0 24.3 36.5#

227 0.0 0.2 0.4#



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





#26

Benzo(a,h,i)perylene

Concen: 0.534 ng/ul

RT: 26.40 min Scan# 6398

Delta R.T. 0.01 min

Lab File: BN006970.D

Acq: 23 Jul 2019 12:31

Instrument :

BNA_N

ClientSampleId :

A52U1DL

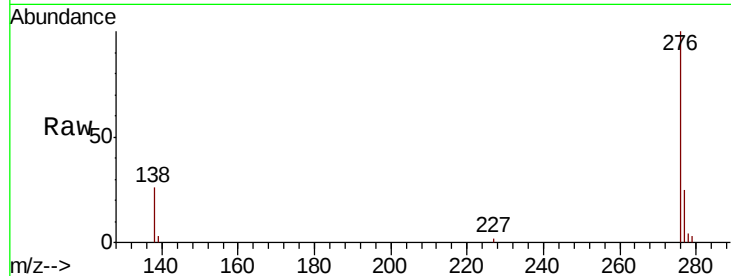
Tot Ion:276 Resp: 12869

Ion Ratio Lower Upper

276 100

138 25.5 22.2 33.2

277 24.7 19.5 29.3



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

