

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006343.D
 Acq On : 17 Jun 2019 12:24
 Operator : JU/SJ
 Sample : K3332-15MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:51:01 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

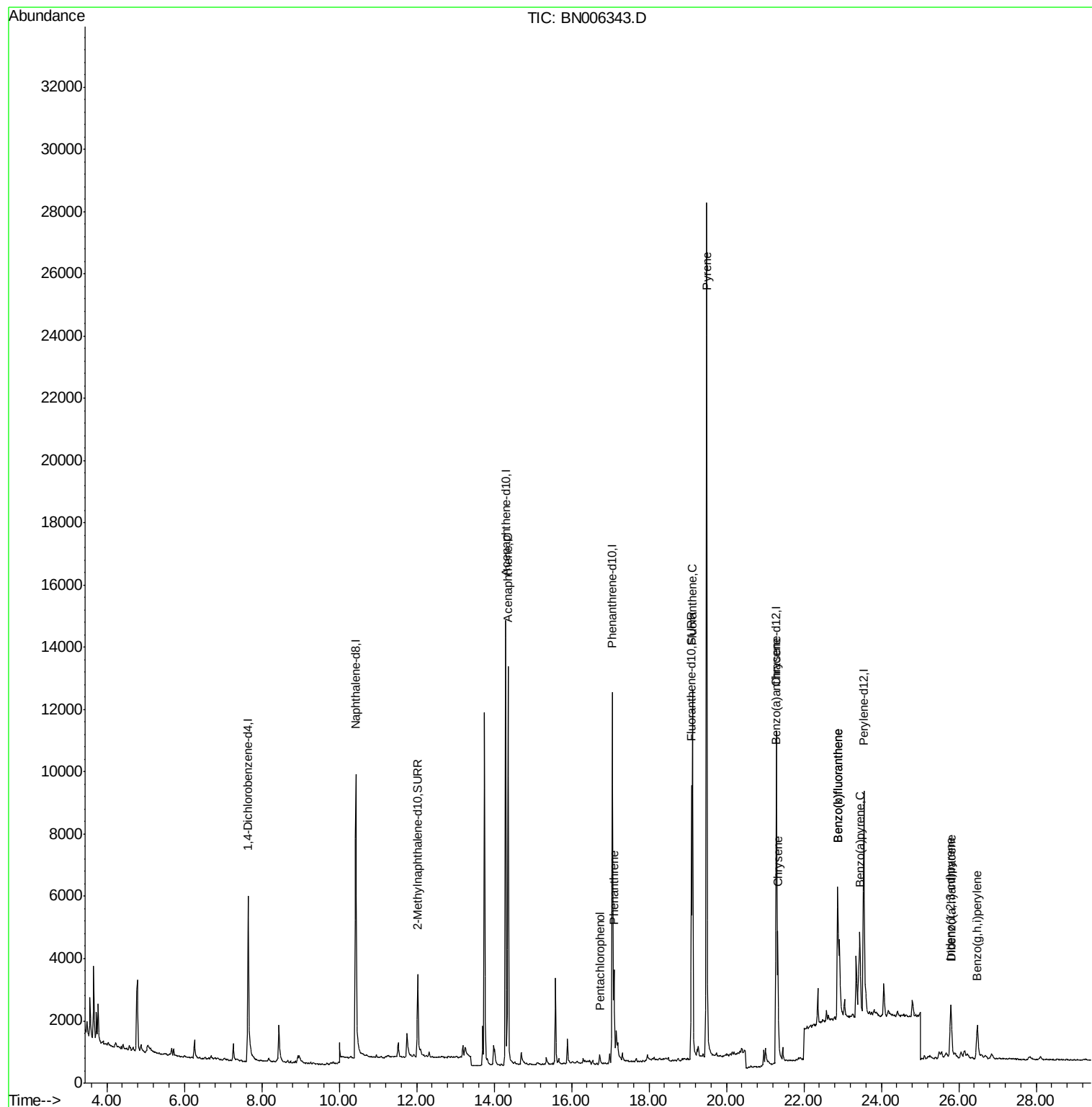
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15246	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15438	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	9592	0.40	ng/ul	0.02
20) Perylene-d12	23.54	264	10368	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4850	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9733	0.23	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.36	153	7720	0.241	ng/ul	100
11) Pentachlorophenol	16.73	266	379	0.097	ng/ul	99
12) Phenanthrene	17.09	178	2977	0.060	ng/ul#	91
15) Fluoranthene	19.13	202	10213	0.187	ng/ul	97
17) Pyrene	19.49	202	23210	0.459	ng/ul	98
18) Benzo(a)anthracene	21.27	228	4179	0.099	ng/ul	95
19) Chrysene	21.33	228	4053	0.102	ng/ul	95
21) Benzo(b)fluoranthene	22.88	252	8846	0.205	ng/ul#	68
22) Benzo(k)fluoranthene	22.88	252	8846	0.210	ng/ul#	65
23) Benzo(a)pyrene	23.45	252	3541	0.088	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.79	276	2863	0.066	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.80	278	1049	0.030	ng/ul#	45
26) Benzo(g,h,i)perylene	26.48	276	2406	0.066	ng/ul#	83

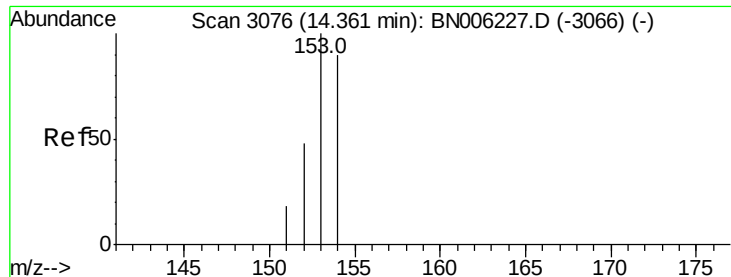
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.241 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

ClientSampleId :

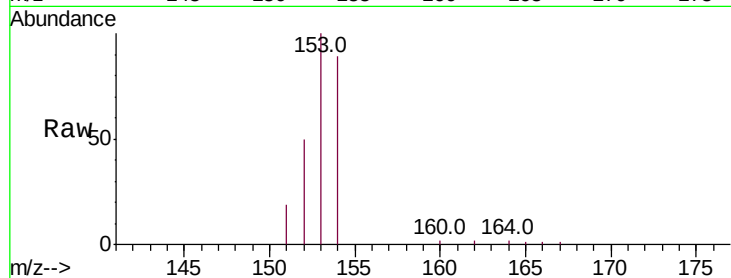
Tot Ion:153 Resp: 7720

Ion Ratio Lower Upper

153 100

152 49.7 39.1 58.7

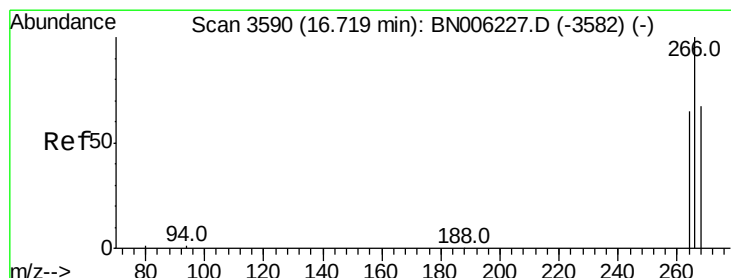
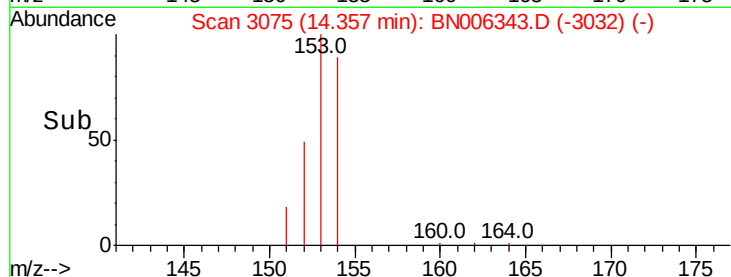
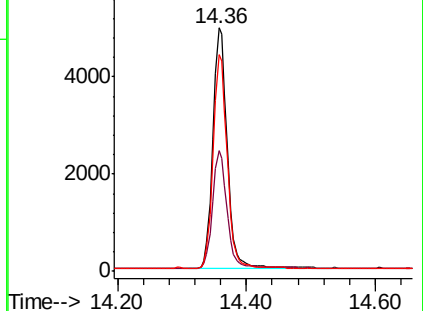
154 88.9 71.1 106.7



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



#11

Pentachlorophenol

Concen: 0.097 ng/ul

RT: 16.73 min Scan# 3592

Delta R.T. 0.01 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

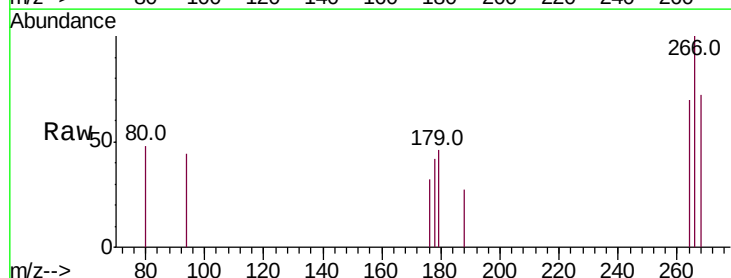
Tgt Ion:266 Resp: 379

Ion Ratio Lower Upper

266 100

264 63.1 50.3 75.5

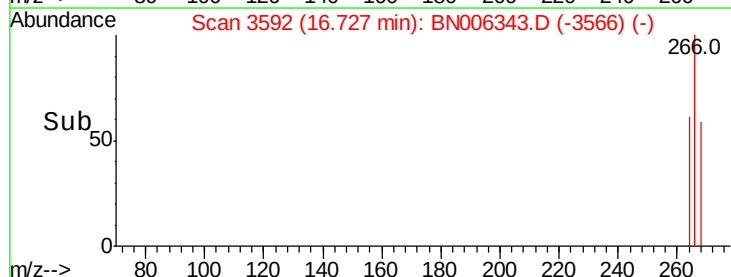
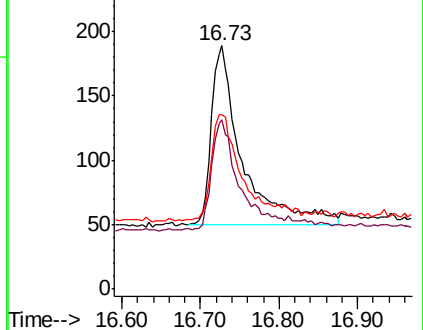
268 63.1 51.3 76.9

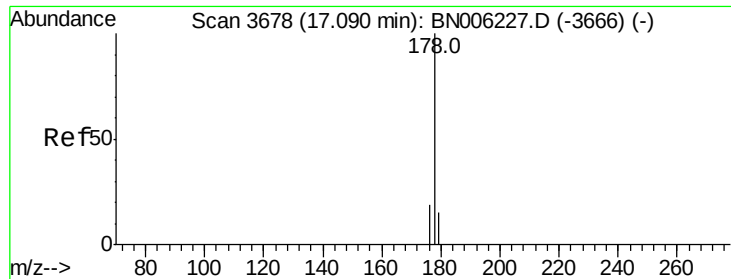


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

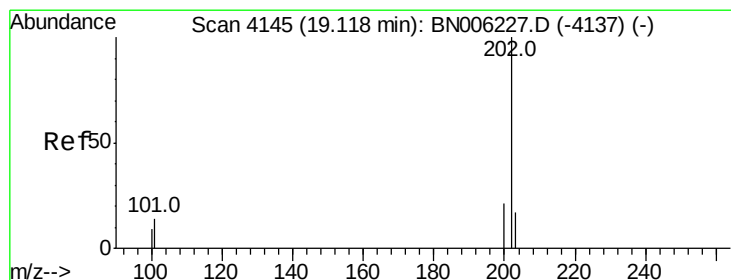
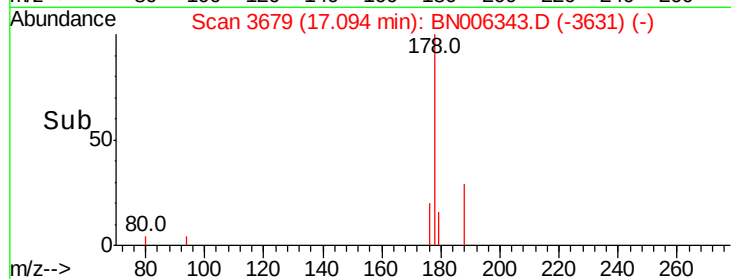
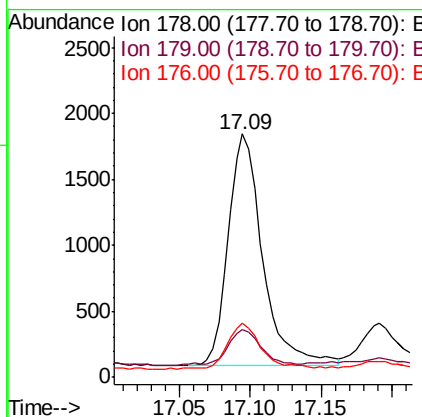
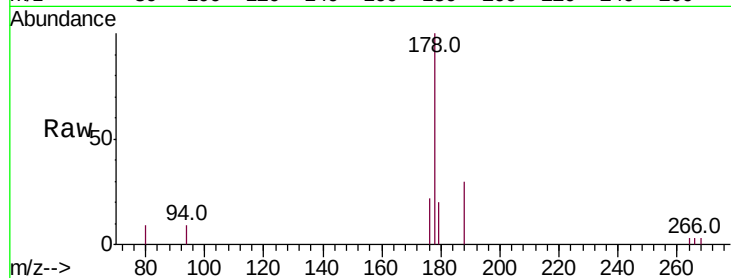




#12
Phenanthrene
Concen: 0.060 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

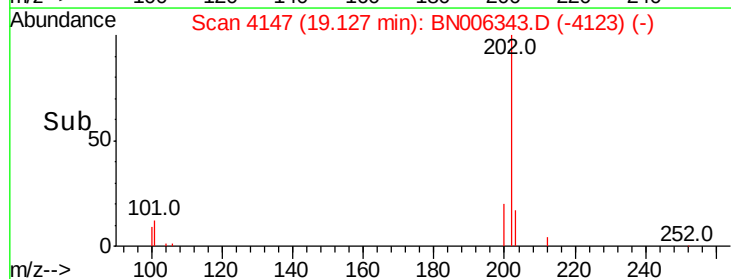
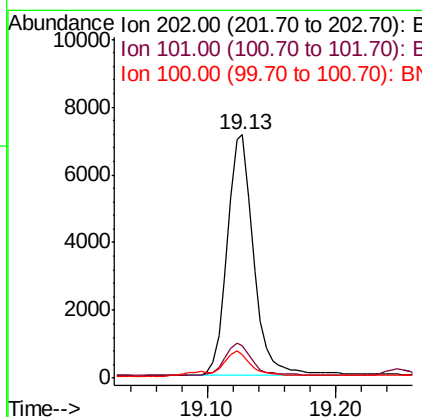
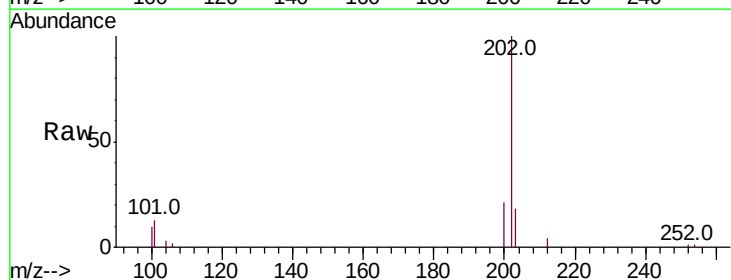
Instrument :
BNA_N
ClientSampled :

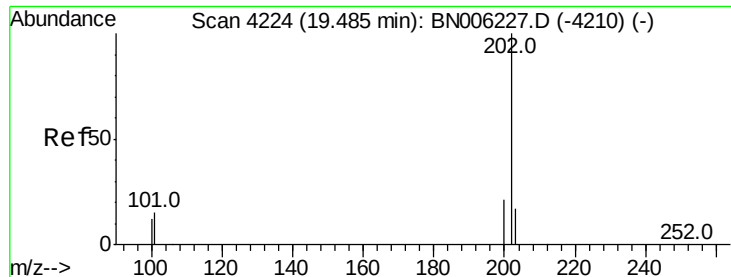
Tot Ion:178 Resp: 2977
Ion Ratio Lower Upper
178 100
179 19.8 12.3 18.5#
176 22.3 15.3 22.9



#15
Fluoranthene
Concen: 0.187 ng/ul
RT: 19.13 min Scan# 4147
Delta R.T. 0.01 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

Tgt Ion:202 Resp: 10213
Ion Ratio Lower Upper
202 100
101 13.3 0.0 32.1
100 9.9 0.0 28.7

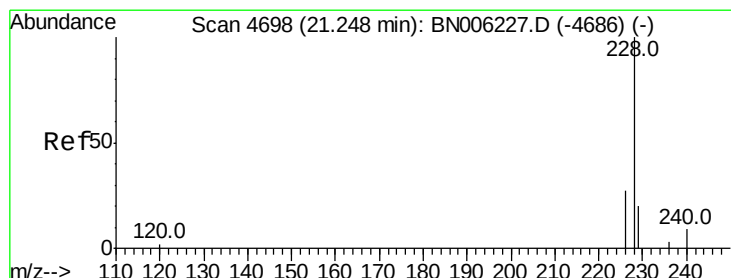
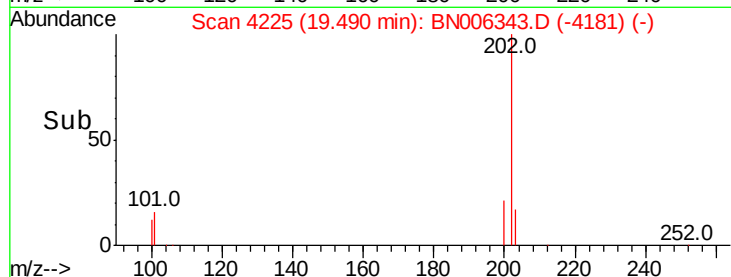
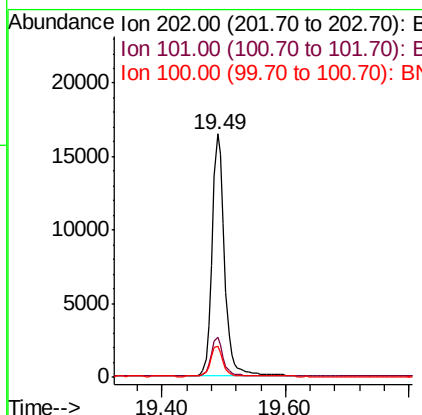
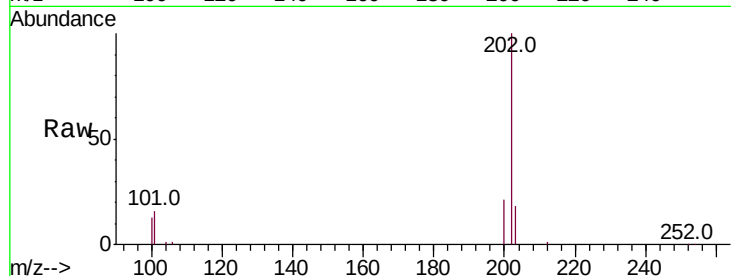




#17
Pvrene
Concen: 0.459 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

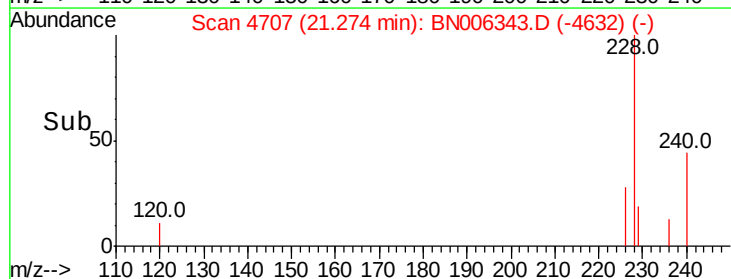
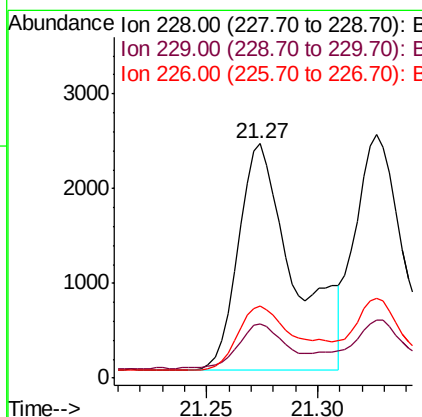
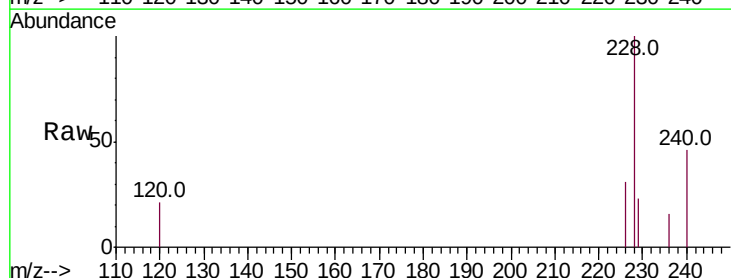
Instrument :
BNA_N
ClientSampleId :

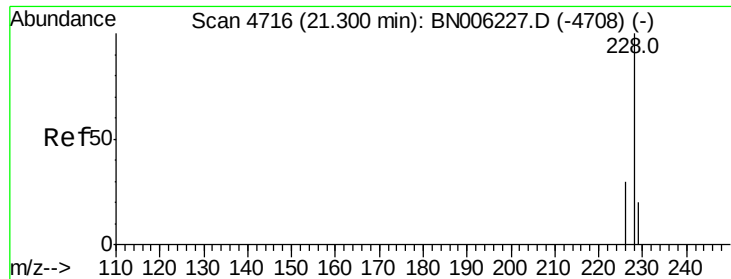
Tot Ion:202 Resp: 23210
Ion Ratio Lower Upper
202 100
101 16.2 12.2 18.2
100 12.5 9.8 14.6



#18
Benzo(a)anthracene
Concen: 0.099 ng/ul
RT: 21.27 min Scan# 4707
Delta R.T. 0.02 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

Tgt Ion:228 Resp: 4179
Ion Ratio Lower Upper
228 100
229 23.1 16.5 24.7
226 30.6 22.8 34.2





#19

Chrysene

Concen: 0.102 ng/ul

RT: 21.33 min Scan# 4725

Delta R.T. 0.02 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

ClientSampleId :

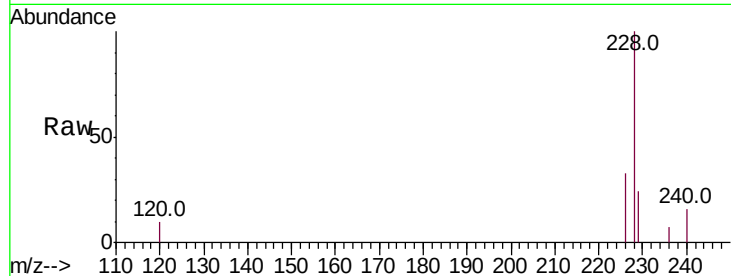
Tot Ion:228 Resp: 4053

Ion Ratio Lower Upper

228 100

226 32.7 25.0 37.6

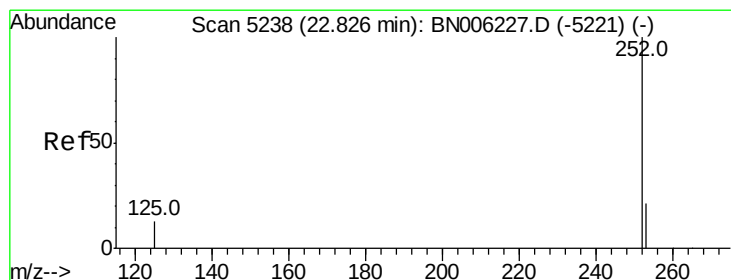
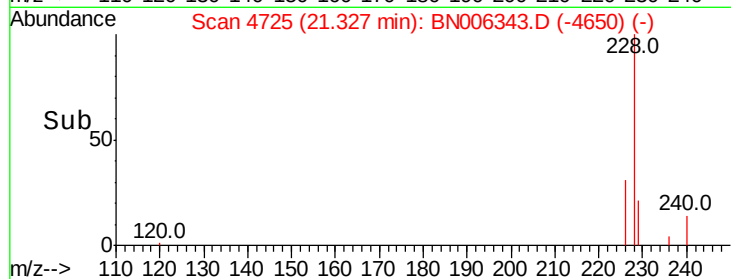
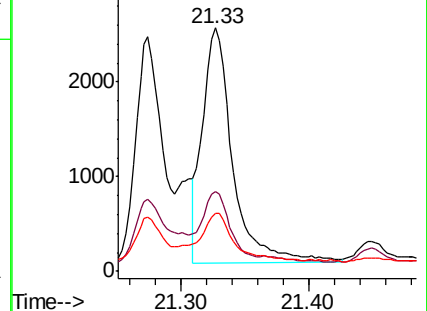
229 24.0 16.3 24.5



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: 0.205 ng/ul

RT: 22.88 min Scan# 5255

Delta R.T. 0.04 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

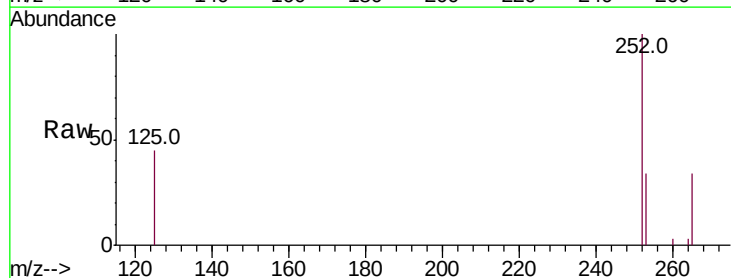
Tgt Ion:252 Resp: 8846

Ion Ratio Lower Upper

252 100

253 33.5 0.0 51.4

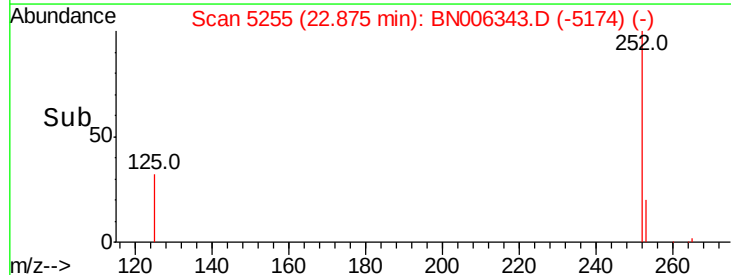
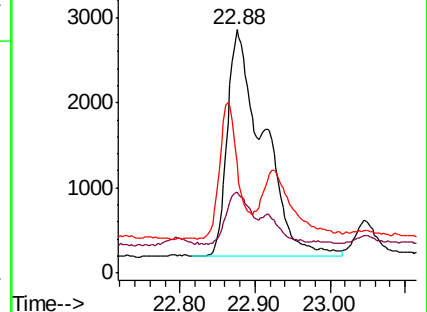
125 44.7 0.0 41.0#

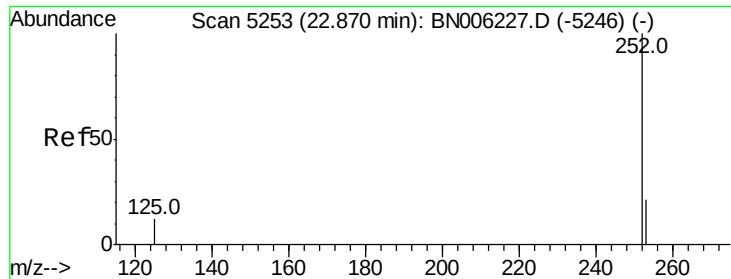


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.210 ng/ul

RT: 22.88 min Scan# 5255

Delta R.T. -0.01 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

ClientSampleId :

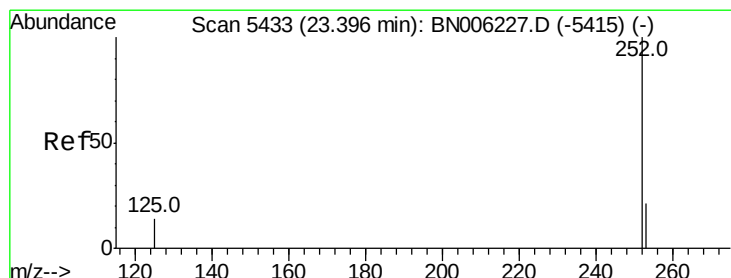
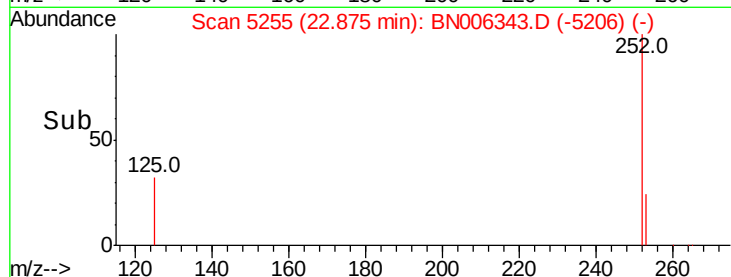
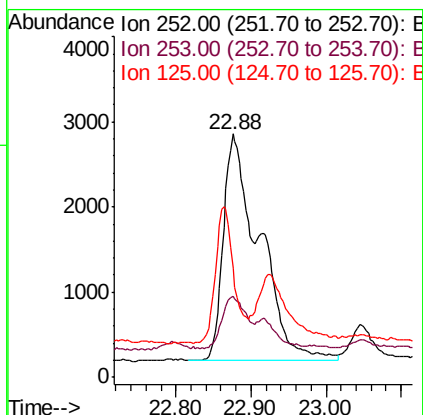
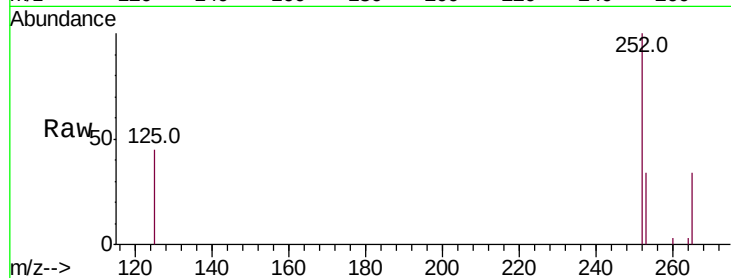
Tot Ion:252 Resp: 8846

Ion Ratio Lower Upper

252 100

253 33.5 20.3 30.5#

125 44.7 14.3 21.5#



#23

Benzo(a)pyrene

Concen: 0.088 ng/ul

RT: 23.45 min Scan# 5451

Delta R.T. 0.04 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

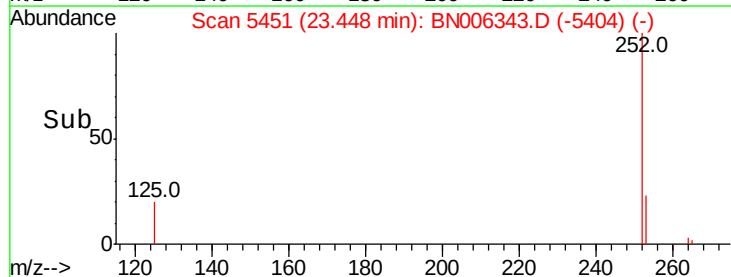
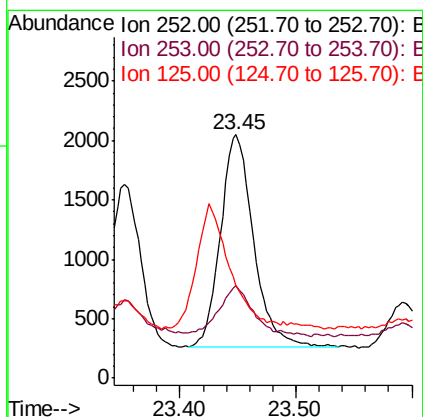
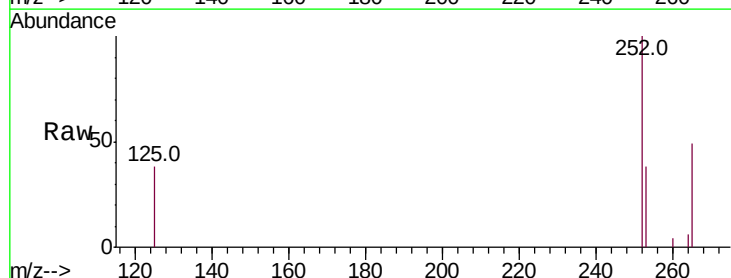
Tgt Ion:252 Resp: 3541

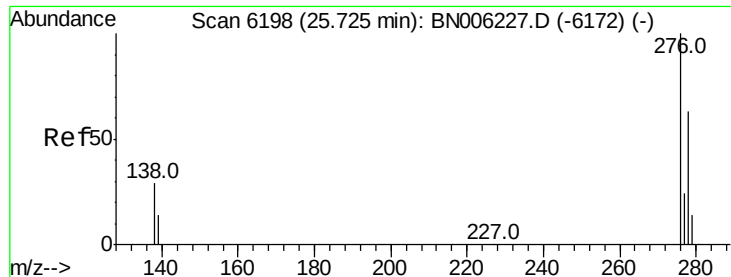
Ion Ratio Lower Upper

252 100

253 38.0 21.1 31.7#

125 38.3 20.3 30.5#



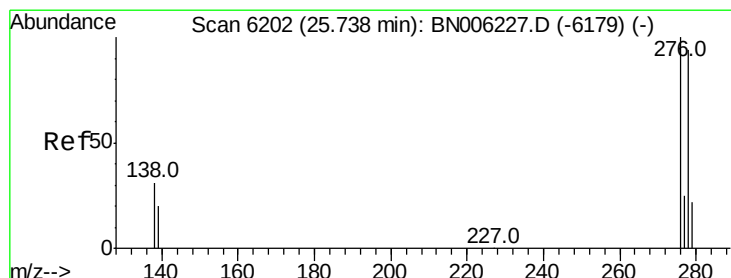
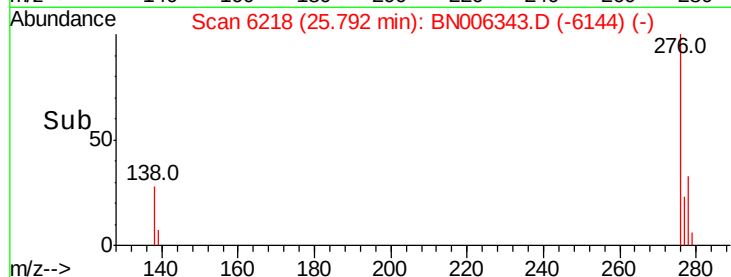
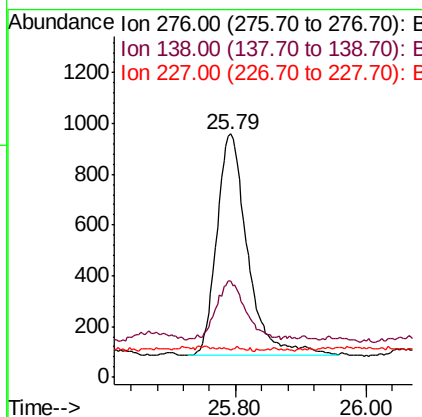
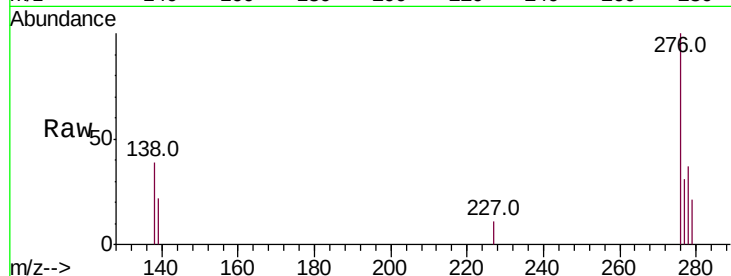


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 25.79 min Scan# 6218
Delta R.T. 0.05 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

Instrument :
BNA_N
ClientSampleId :

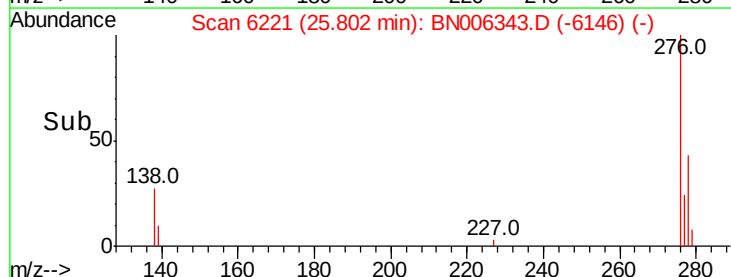
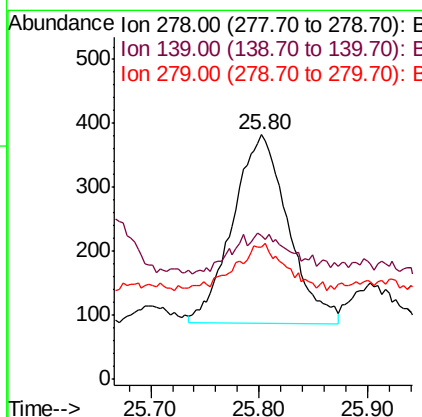
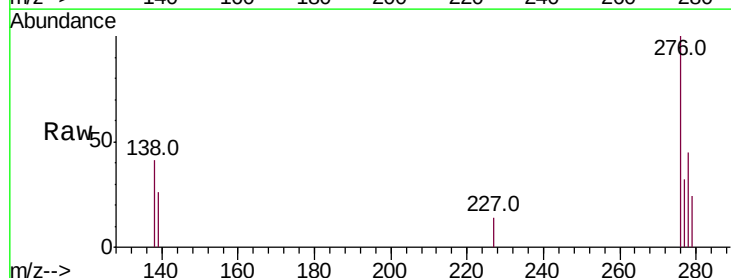
Tot Ion:276 Resp: 2863
Ion Ratio Lower Upper
276 100
138 26.0 25.6 38.4
227 0.2 0.3 0.5#

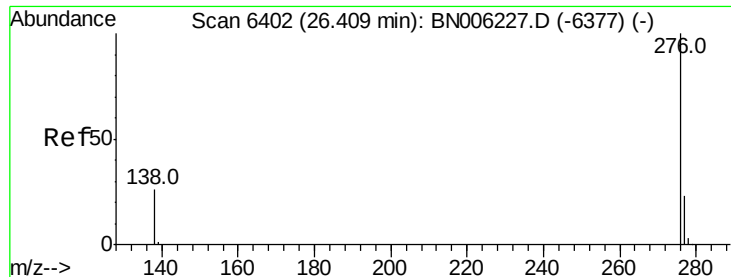


#25

Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.80 min Scan# 6221
Delta R.T. 0.05 min
Lab File: BN006343.D
Acq: 17 Jun 2019 12:24

Tgt Ion:278 Resp: 1049
Ion Ratio Lower Upper
278 100
139 58.6 21.2 31.8#
279 53.7 22.6 33.8#





#26

Benzo(a,h,i)perylene

Concen: 0.066 ng/ul

RT: 26.48 min Scan# 6422

Delta R.T. 0.05 min

Lab File: BN006343.D

Acq: 17 Jun 2019 12:24

Instrument :

BNA_N

ClientSampleId :

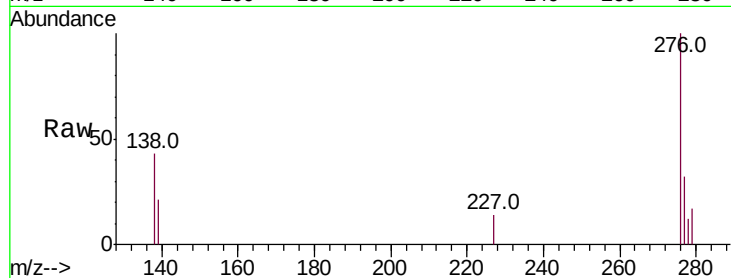
Tot Ion:276 Resp: 2406

Ion Ratio Lower Upper

276 100

138 42.6 24.2 36.4#

277 32.3 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

