

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071919\
 Data File : BN006920.D
 Acq On : 19 Jul 2019 12:05
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 23:32:52 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 19 23:29:55 2019
 Response via : Initial Calibration

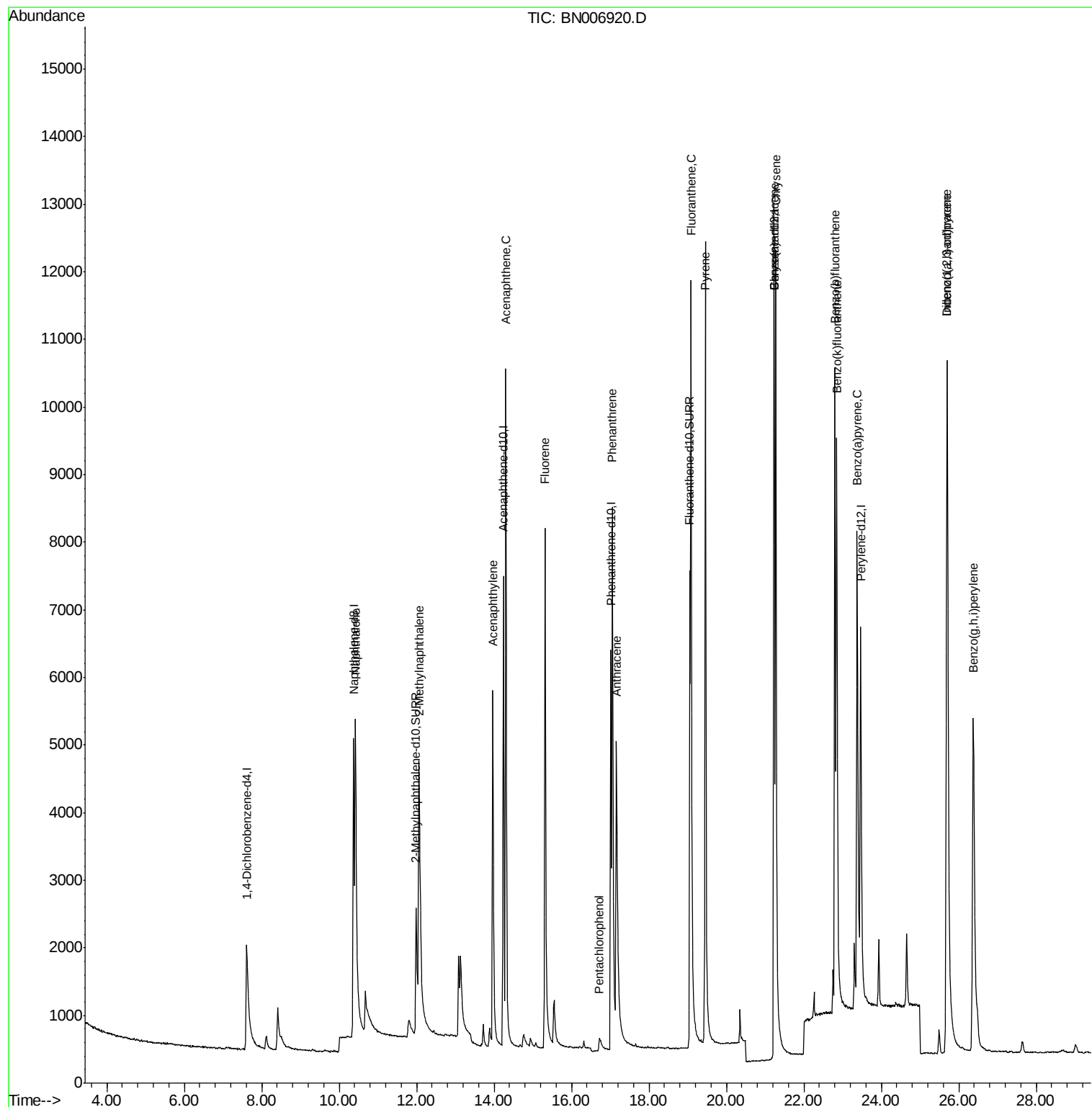
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2367	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	9087	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	4705	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9732	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	7560	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	8810	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5189	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	10155	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	10388	0.398	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	6297	0.357	ng/ul	97
7) Acenaphthylene	13.96	152	8697	0.358	ng/ul	99
8) Acenaphthene	14.30	153	7220	0.386	ng/ul	99
9) Fluorene	15.31	166	7341	0.358	ng/ul	98
11) Pentachlorophenol	16.71	266	526	0.363	ng/ul	97
12) Phenanthrene	17.05	178	11699	0.374	ng/ul	99
13) Anthracene	17.16	178	9009	0.333	ng/ul	98
15) Fluoranthene	19.09	202	13247	0.342	ng/ul	100
17) Pyrene	19.45	202	14044	0.407	ng/ul	99
18) Benzo(a)anthracene	21.22	228	10505	0.338	ng/ul	100
19) Chrysene	21.28	228	14952	0.431	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	12861	0.356	ng/ul	98
22) Benzo(k)fluoranthene	22.85	252	14628	0.387	ng/ul	98
23) Benzo(a)pyrene	23.38	252	13456	0.380	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.70	276	15159	0.423	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.70	278	11770	0.413	ng/ul	97
26) Benzo(g,h,i)perylene	26.38	276	13375	0.447	ng/ul	97

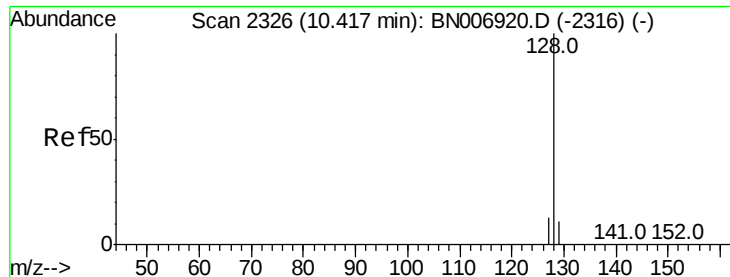
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampled :

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#3

Naphthalene

Concen: 0.398 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

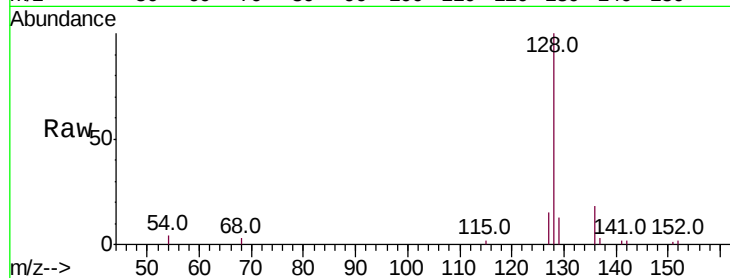
Tot Ion:128 Resp: 10388

Ion Ratio Lower Upper

128 100

129 12.7 9.4 14.0

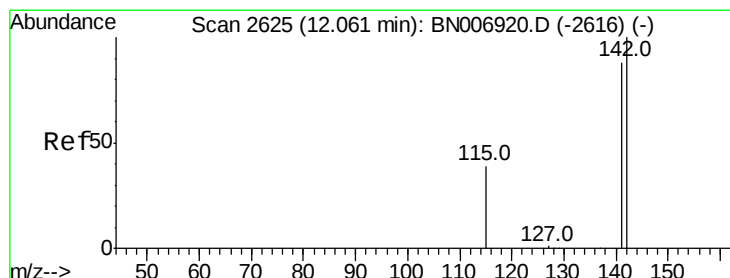
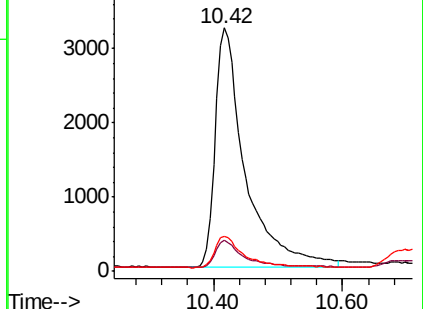
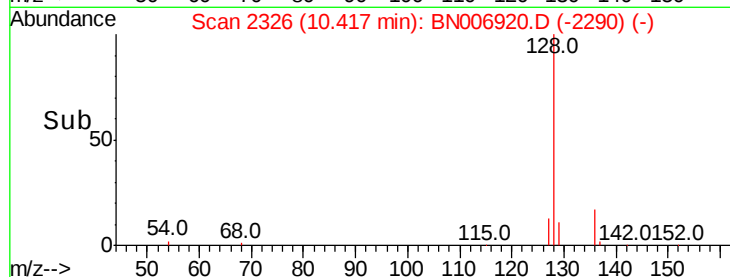
127 14.6 10.6 16.0



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



#5

2-Methylnaphthalene

Concen: 0.357 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BN006920.D

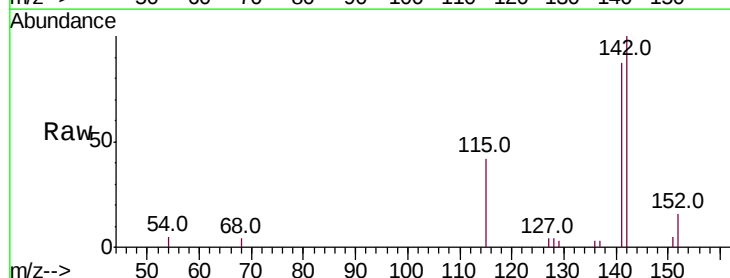
Acq: 19 Jul 2019 12:05

Tgt Ion:142 Resp: 6297

Ion Ratio Lower Upper

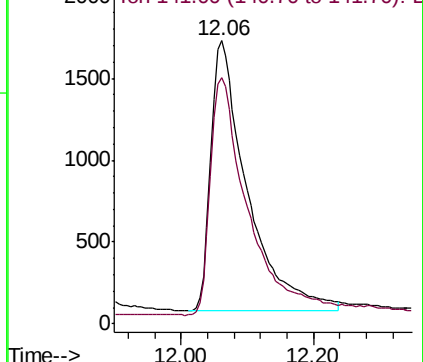
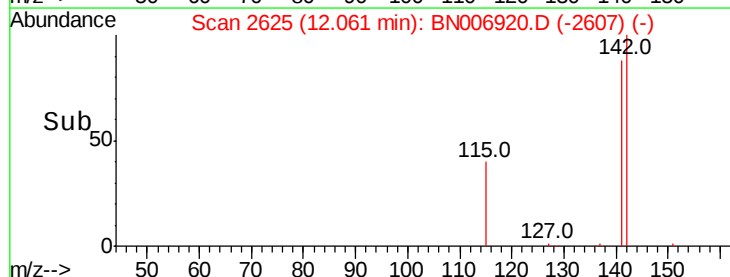
142 100

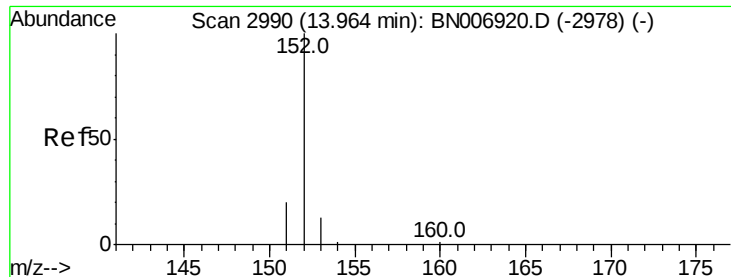
141 92.1 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.358 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

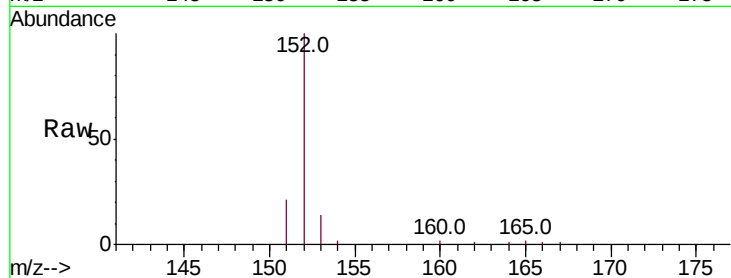
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 8697

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.1	24.1
153	14.4	11.2	16.8

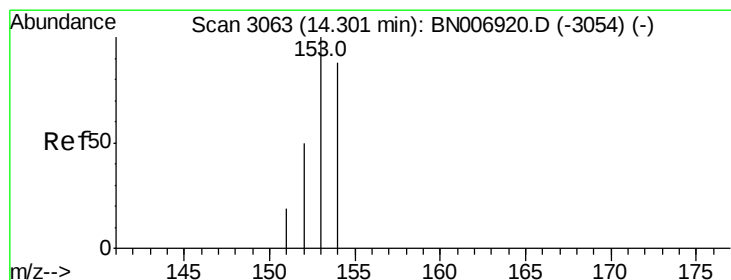
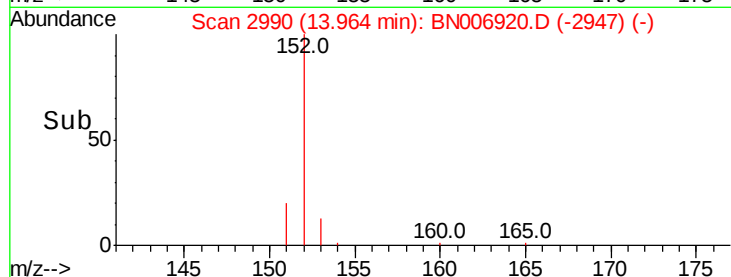
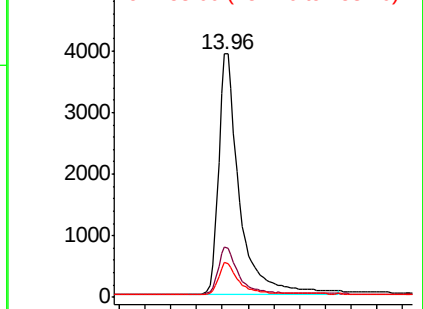


Abundance

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: 0.386 ng/ul

RT: 14.30 min Scan# 3063

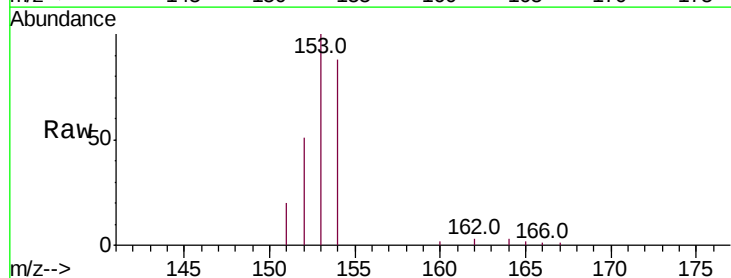
Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Tgt Ion:153 Resp: 7220

Ion	Ratio	Lower	Upper
153	100		
152	51.1	39.3	58.9
154	88.1	70.6	105.8

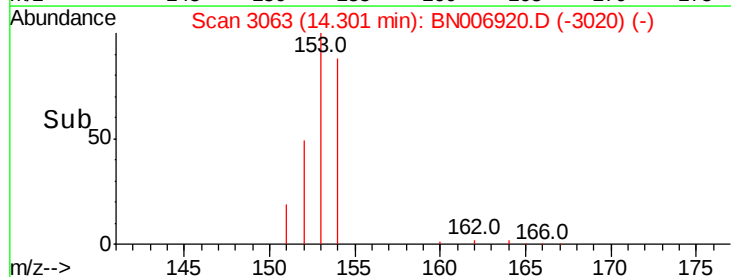
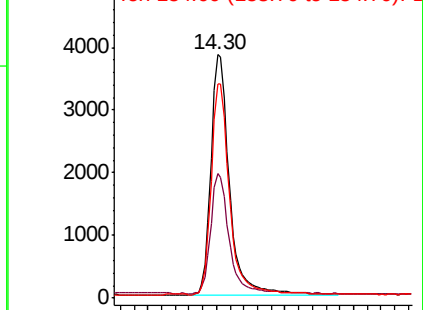


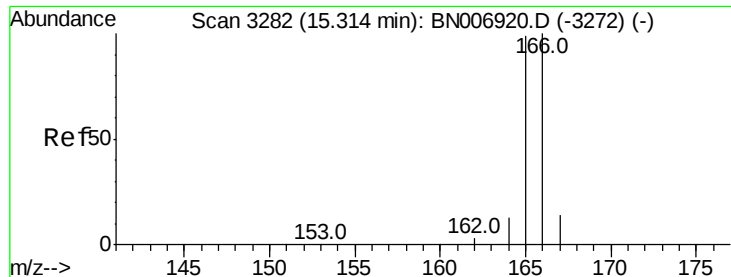
Abundance

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: 0.358 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

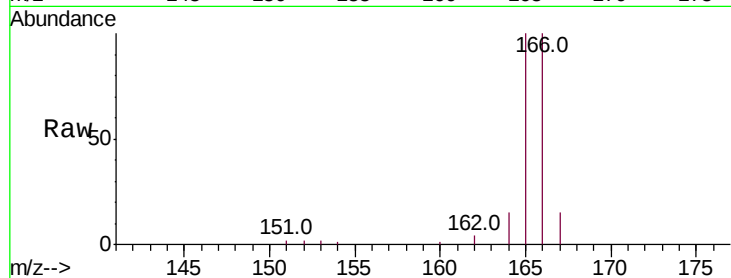
Tot Ion:166 Resp: 7341

Ion Ratio Lower Upper

166 100

165 99.5 78.2 117.4

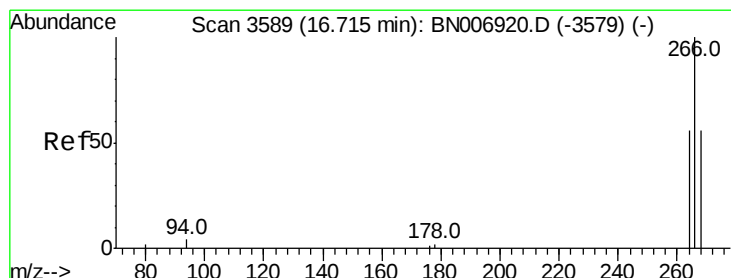
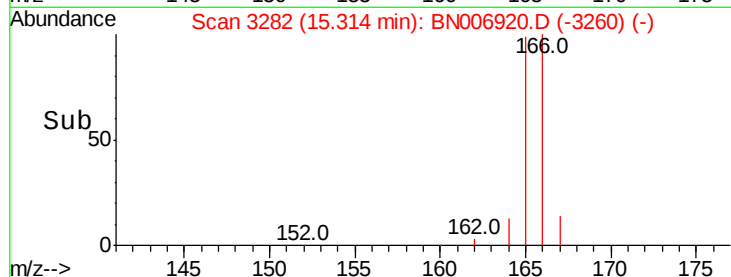
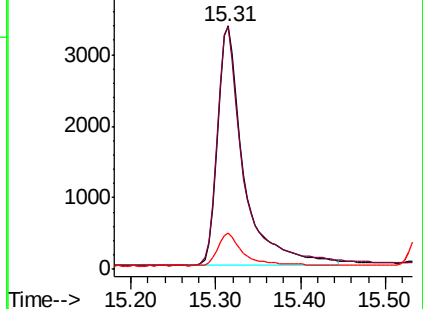
167 15.0 11.3 16.9



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: 0.363 ng/ul

RT: 16.71 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

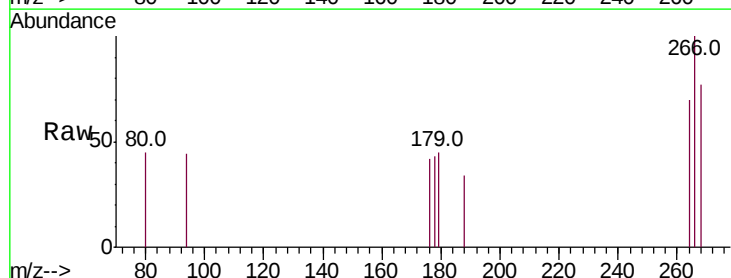
Tgt Ion:266 Resp: 526

Ion Ratio Lower Upper

266 100

264 61.0 45.9 68.9

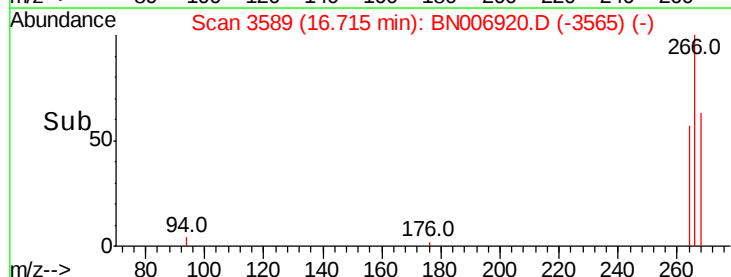
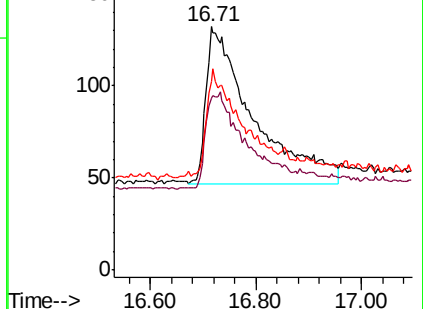
268 60.3 48.1 72.1

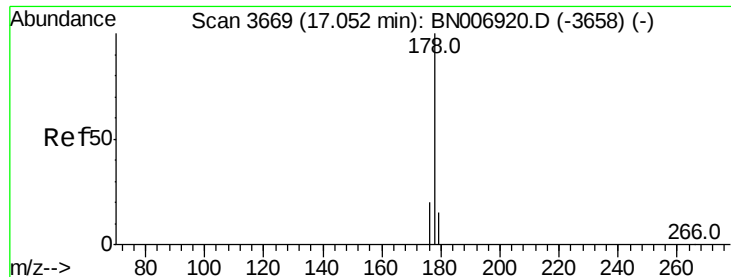


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.374 ng/ul

RT: 17.05 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

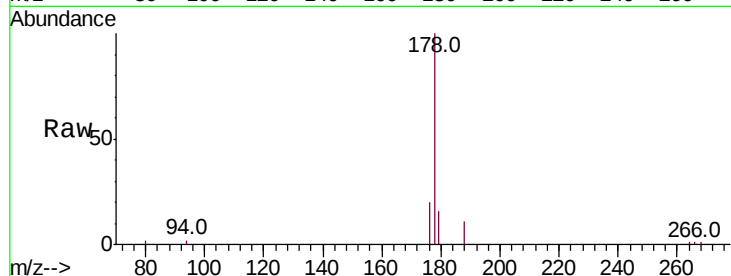
Tot Ion:178 Resp: 11699

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

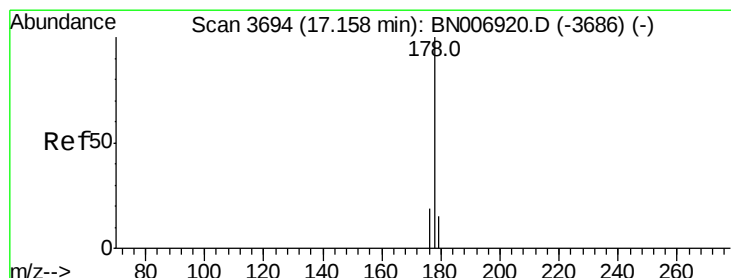
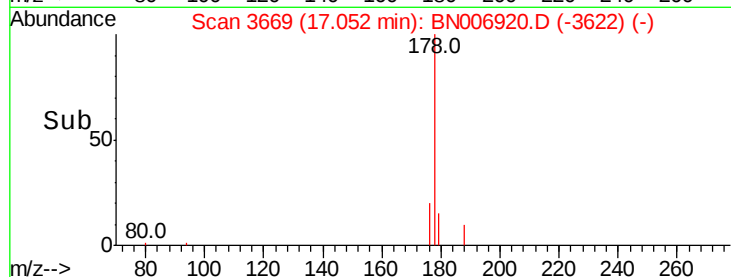
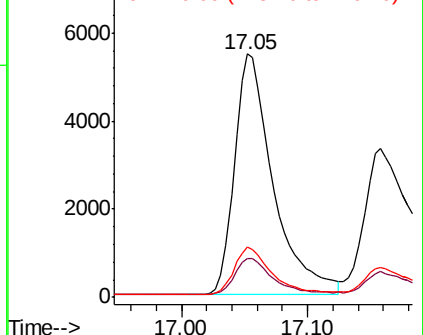
176 20.4 15.8 23.8



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: 0.333 ng/ul

RT: 17.16 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

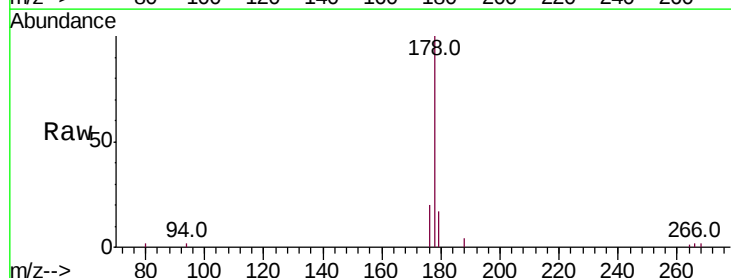
Tgt Ion:178 Resp: 9009

Ion Ratio Lower Upper

178 100

179 17.1 12.7 19.1

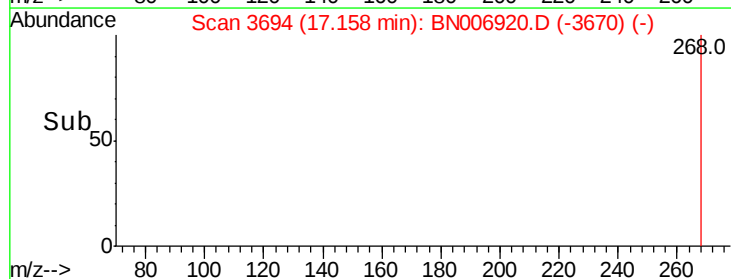
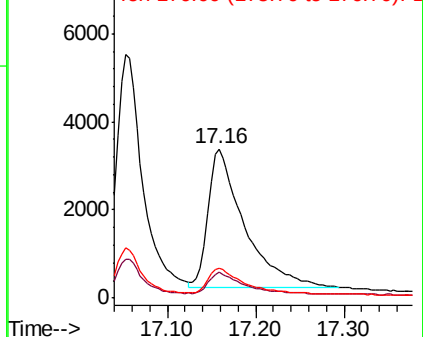
176 20.0 15.8 23.6

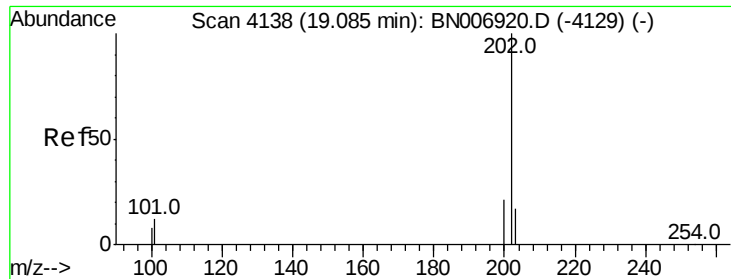


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.342 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

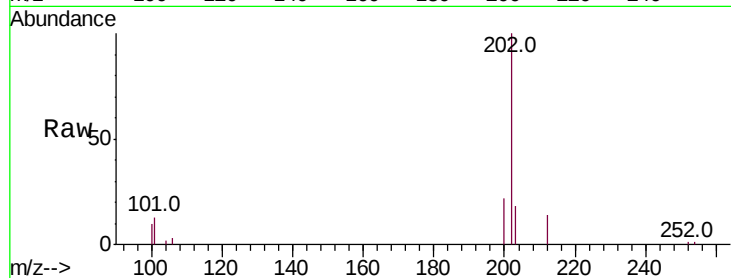
Tot Ion:202 Resp: 13247

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

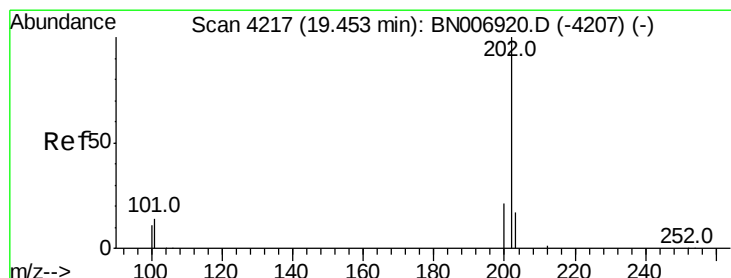
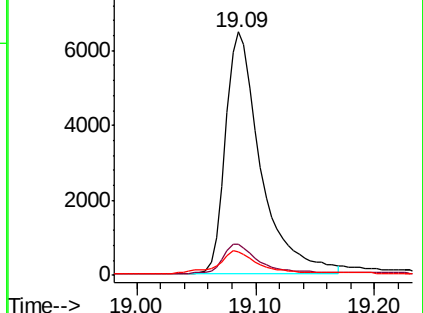
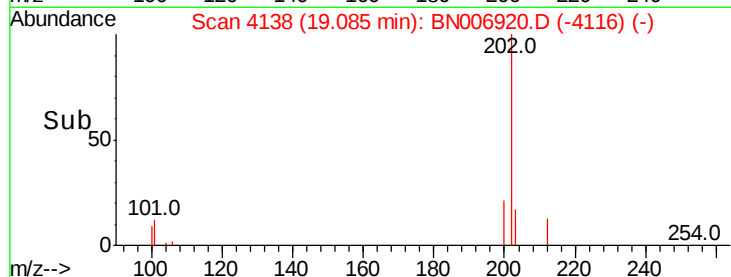
100 9.8 0.0 29.9



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

Pyrene

Concen: 0.407 ng/ul

RT: 19.45 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

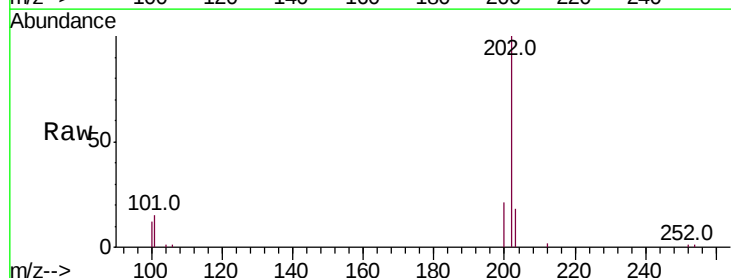
Tgt Ion:202 Resp: 14044

Ion Ratio Lower Upper

202 100

101 14.8 12.2 18.2

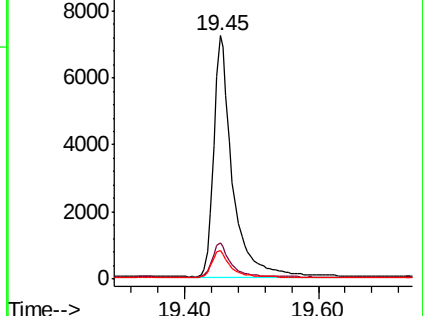
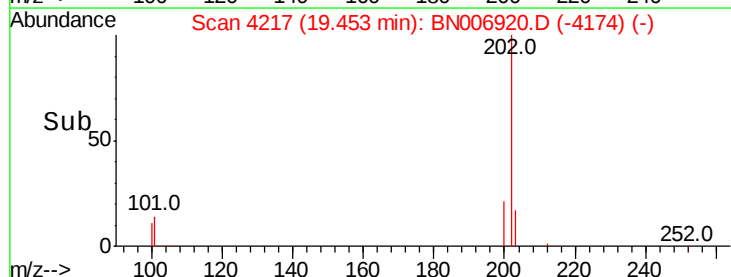
100 11.7 9.8 14.8

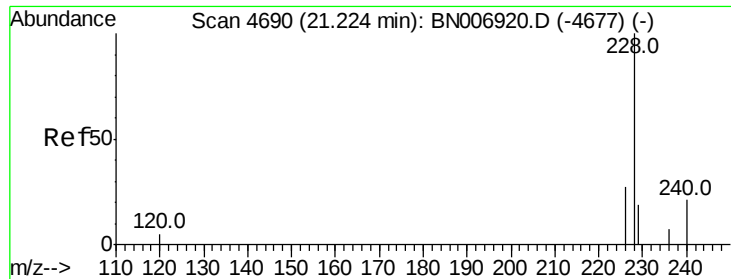


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.338 ng/ul

RT: 21.22 min Scan# 4690

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

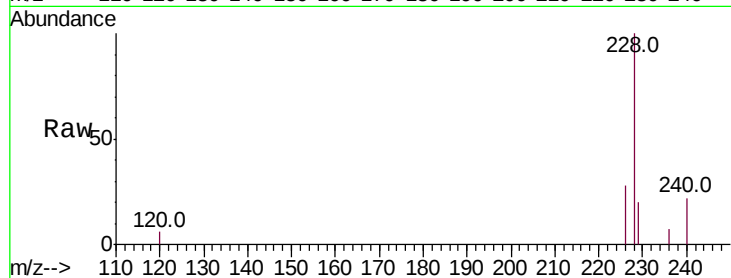
Tot Ion:228 Resp: 10505

Ion Ratio Lower Upper

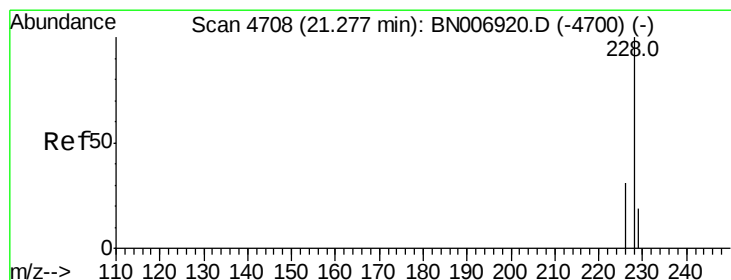
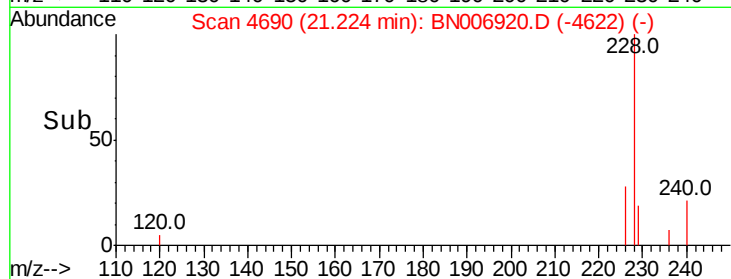
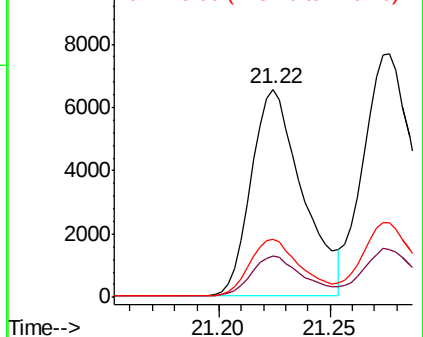
228 100

229 19.9 15.9 23.9

226 28.1 22.6 34.0



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: 0.431 ng/ul

RT: 21.28 min Scan# 4708

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

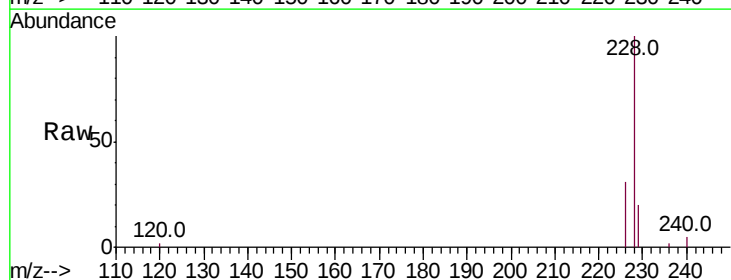
Tgt Ion:228 Resp: 14952

Ion Ratio Lower Upper

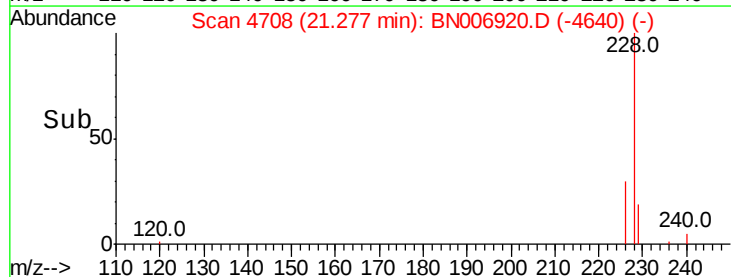
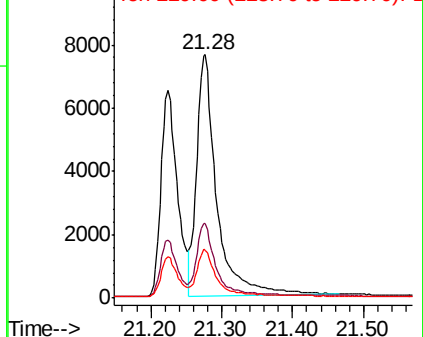
228 100

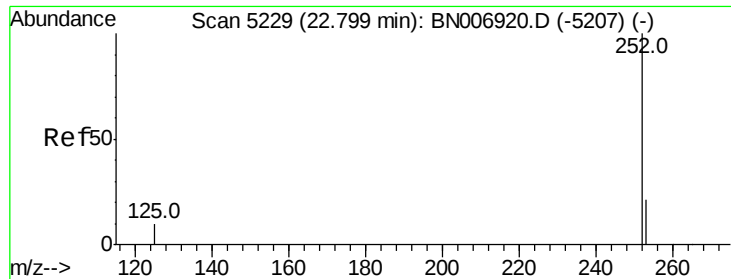
226 30.5 24.2 36.4

229 19.9 15.5 23.3



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: 0.356 ng/u1

RT: 22.80 min Scan# 5229

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

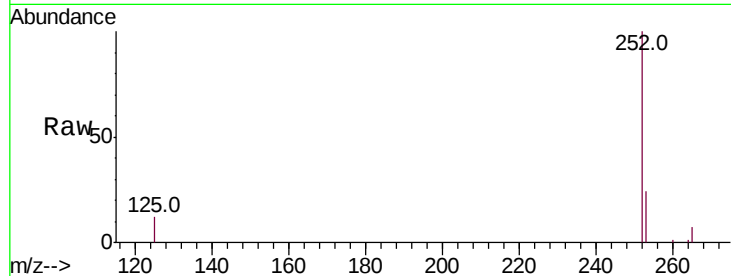
Tot Ion:252 Resp: 12861

Ion Ratio Lower Upper

252 100

253 23.8 0.0 47.8

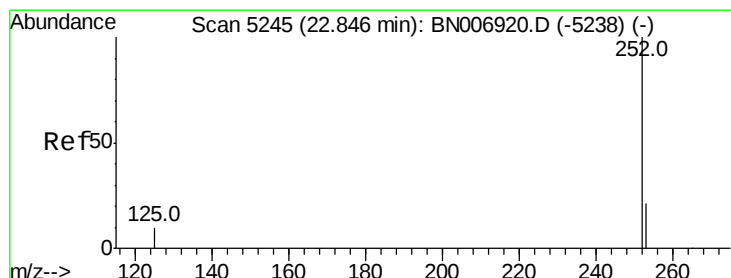
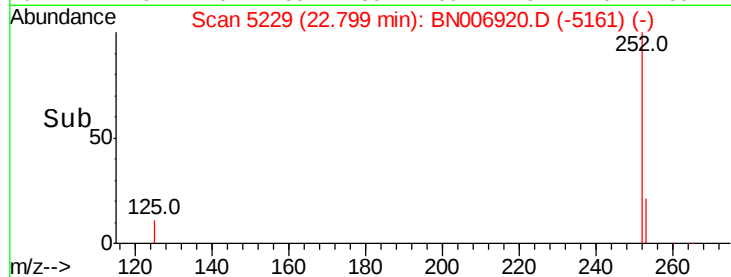
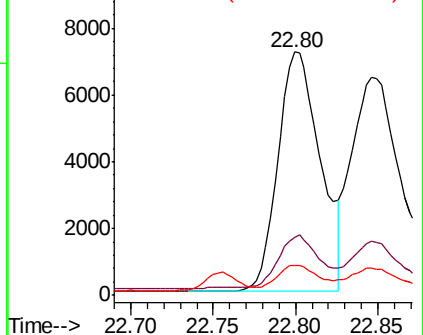
125 12.4 0.0 29.2



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: 0.387 ng/u1

RT: 22.85 min Scan# 5245

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

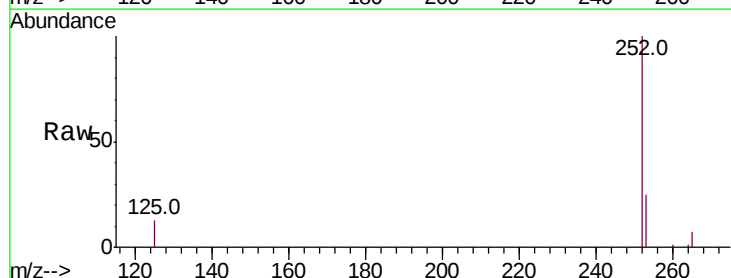
Tgt Ion:252 Resp: 14628

Ion Ratio Lower Upper

252 100

253 24.6 19.2 28.8

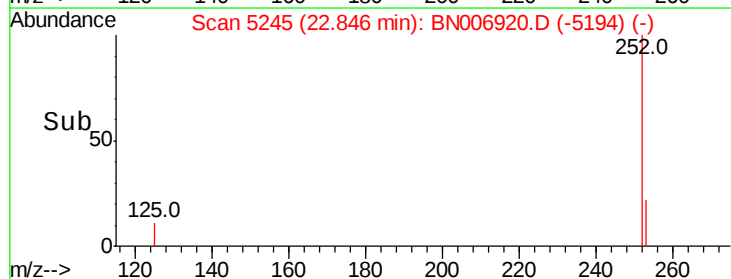
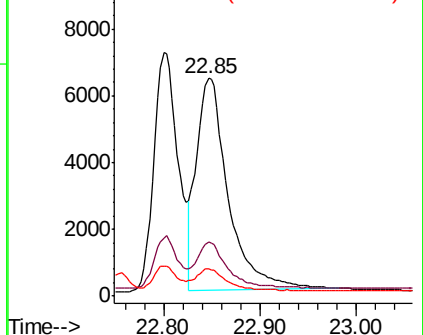
125 12.7 11.0 16.6

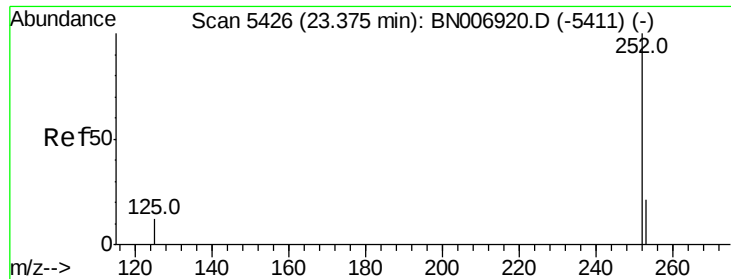


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.38 min Scan# 5426

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

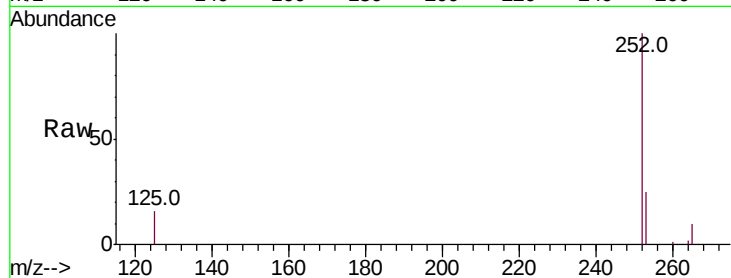
Tot Ion:252 Resp: 13456

Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.2

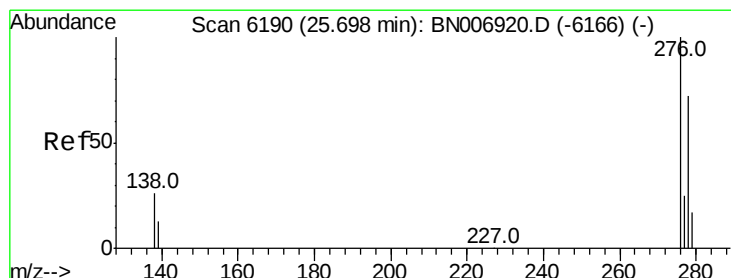
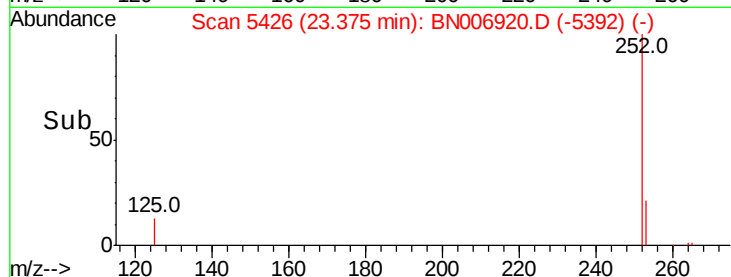
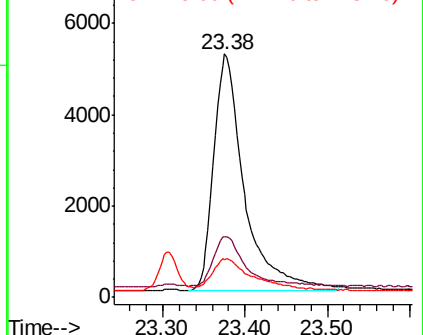
125 15.6 12.6 19.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng/ul

RT: 25.70 min Scan# 6190

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

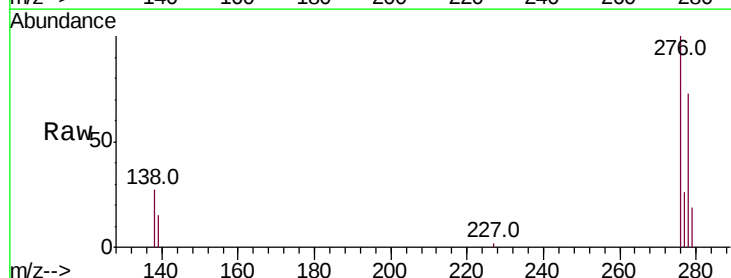
Tgt Ion:276 Resp: 15159

Ion Ratio Lower Upper

276 100

138 27.4 24.3 36.5

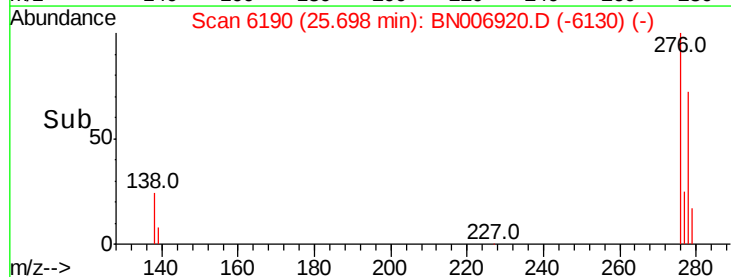
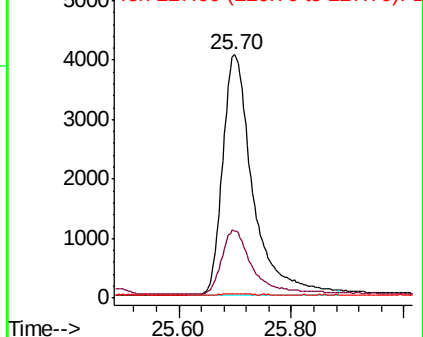
227 0.2 0.2 0.4#

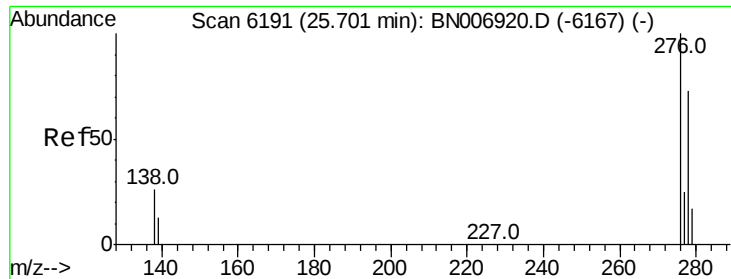


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.413 ng/ul

RT: 25.70 min Scan# 6191

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

Instrument :

BNA_N

ClientSampleId :

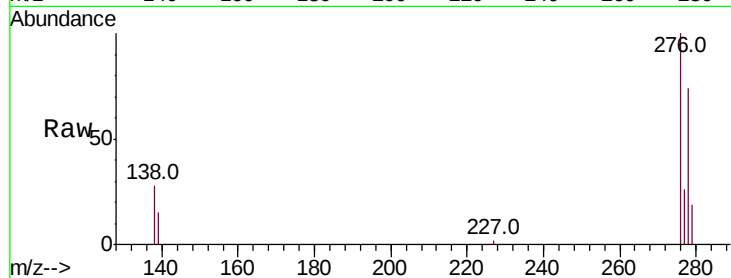
Tot Ion:278 Resp: 11770

Ion Ratio Lower Upper

278 100

139 20.5 18.1 27.1

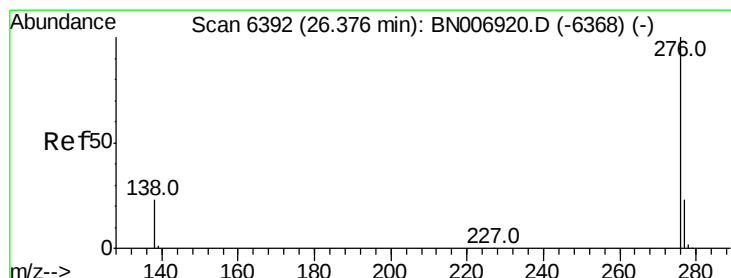
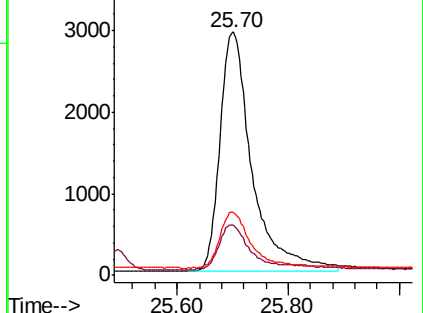
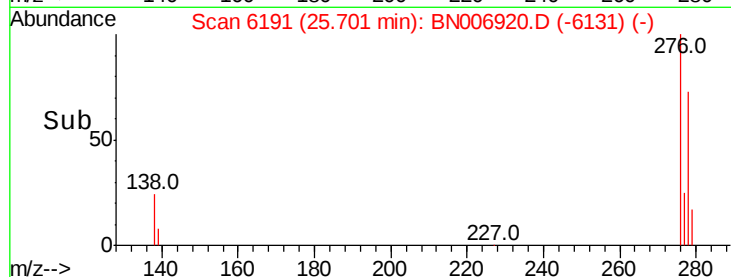
279 26.0 19.8 29.6



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(g,h,i)perylene

Concen: 0.447 ng/ul

RT: 26.38 min Scan# 6392

Delta R.T. 0.00 min

Lab File: BN006920.D

Acq: 19 Jul 2019 12:05

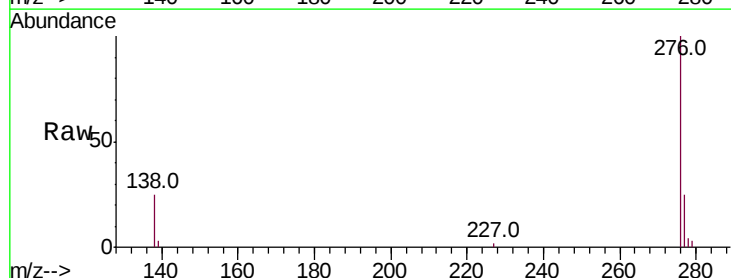
Tgt Ion:276 Resp: 13375

Ion Ratio Lower Upper

276 100

138 25.1 22.2 33.2

277 24.6 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

