

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008675.D
 Acq On : 20 Nov 2019 23:56
 Operator : JU
 Sample : K5851-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 21 00:43:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

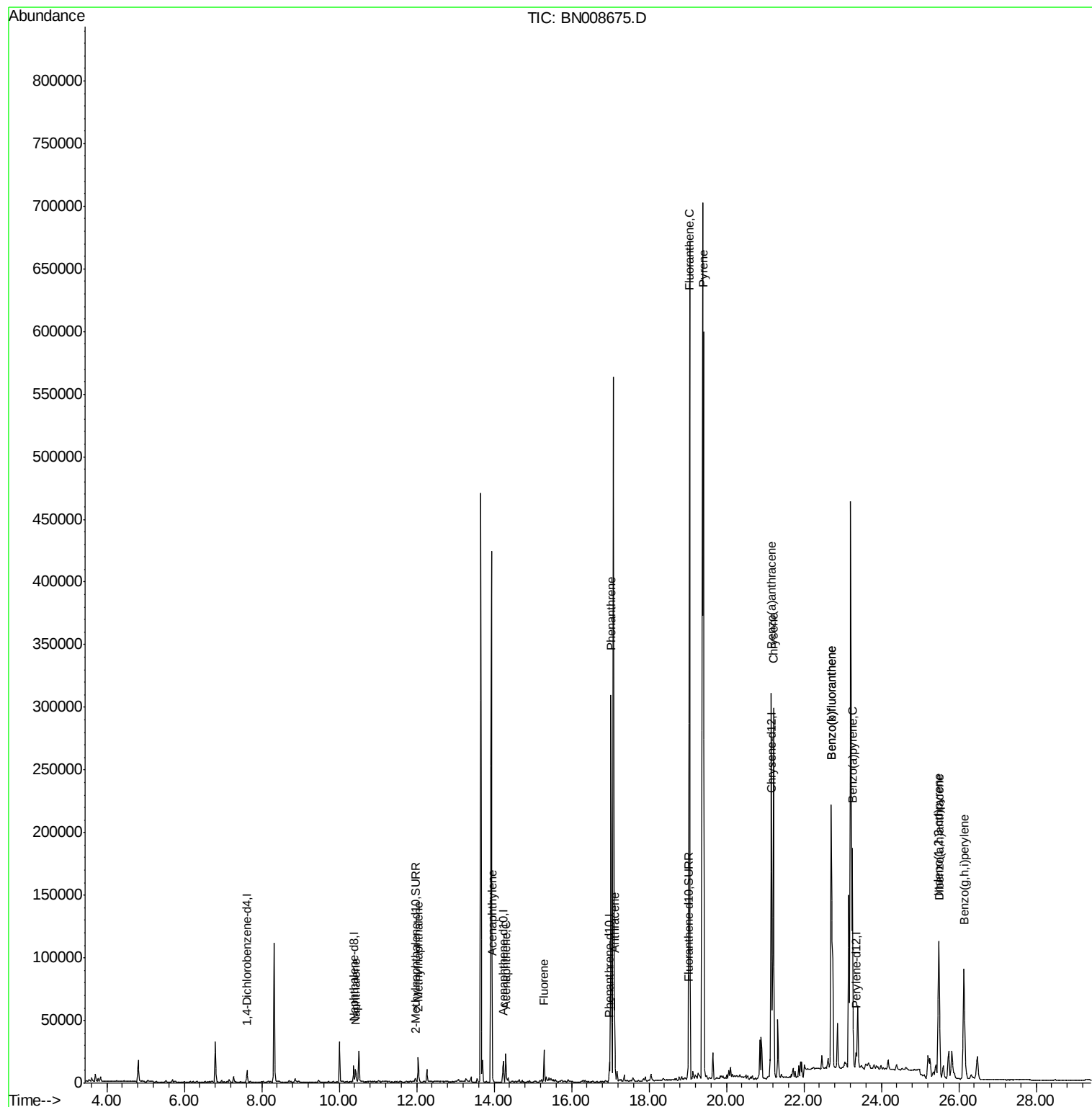
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4143	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15665	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8714	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17870	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13240	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13882	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3613	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8604	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	12958	0.274	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	14059	0.426	ng/ul	99
7) Acenaphthylene	13.95	152	2605	0.054	ng/ul#	87
8) Acenaphthene	14.30	153	12907	0.361	ng/ul	99
9) Fluorene	15.29	166	14876	0.354	ng/ul	98
12) Phenanthrene	17.02	178	315259	5.231	ng/ul	98
13) Anthracene	17.11	178	64909	1.140	ng/ul	99
15) Fluoranthene	19.05	202	569917	7.697	ng/ul	95
17) Pyrene	19.41	202	501165	9.435	ng/ul	98
18) Benzo(a)anthracene	21.16	228	257357	4.833	ng/ul	99
19) Chrysene	21.22	228	271248	5.187	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	442410	7.729	ng/ul	96
22) Benzo(k)fluoranthene	22.71	252	442410	7.793	ng/ul#	92
23) Benzo(a)pyrene	23.25	252	232409	4.325	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.49	276	163959	2.609	ng/ul	95
25) Dibenzo(a,h)anthracene	25.50	278	40206	0.792	ng/ul	96
26) Benzo(a,h,i)perylene	26.14	276	164584	3.131	ng/ul	99

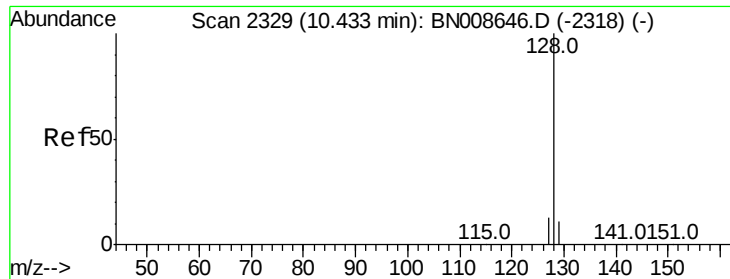
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008675.D
Acq On : 20 Nov 2019 23:56
Operator : JU
Sample : K5851-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 21 00:43:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.274 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

Instrument :

BNA_N

ClientSampleId :

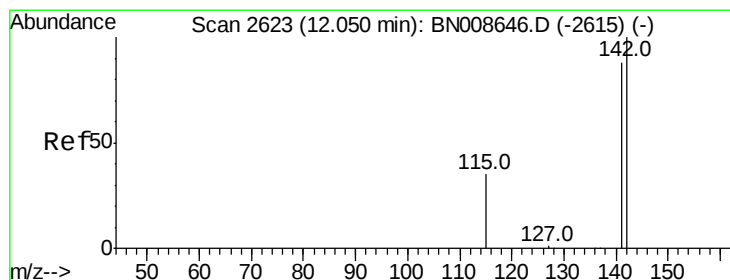
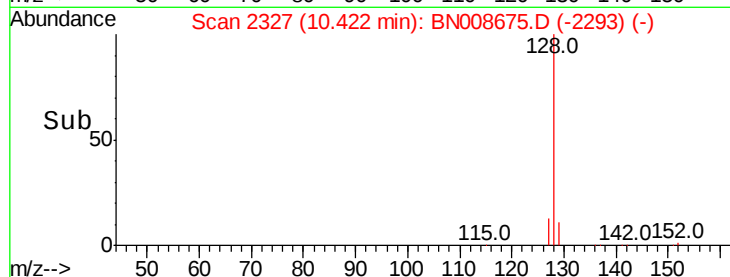
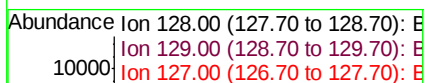
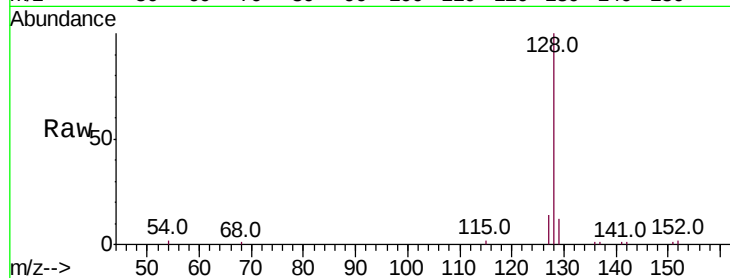
Tot Ion:128 Resp: 12958

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

127 13.8 10.8 16.2



#5

2-Methylnaphthalene

Concen: 0.426 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008675.D

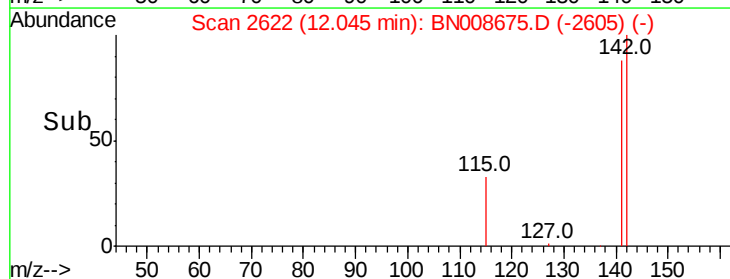
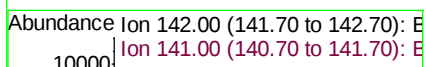
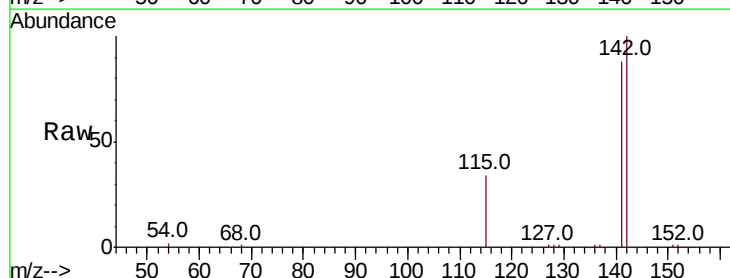
Acq: 20 Nov 2019 23:56

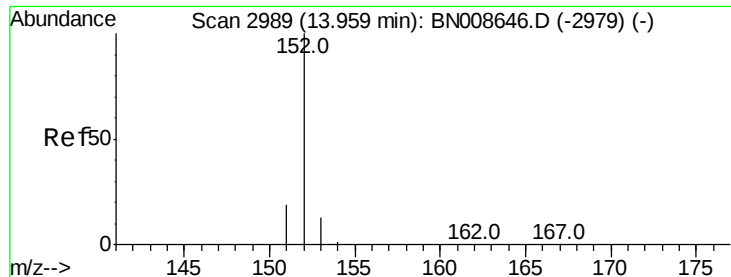
Tgt Ion:142 Resp: 14059

Ion Ratio Lower Upper

142 100

141 88.8 70.5 105.7





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008675.D

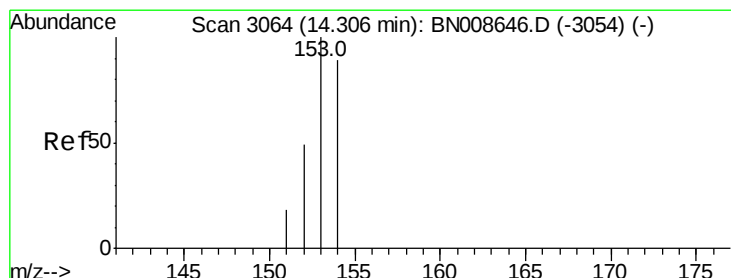
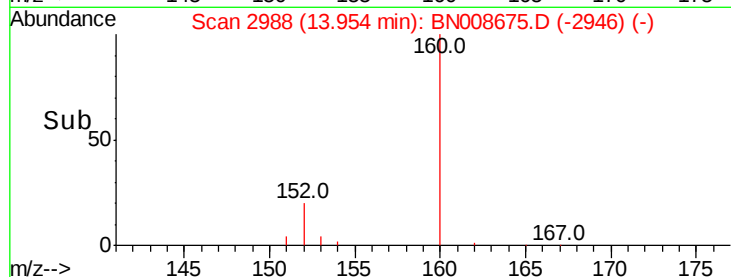
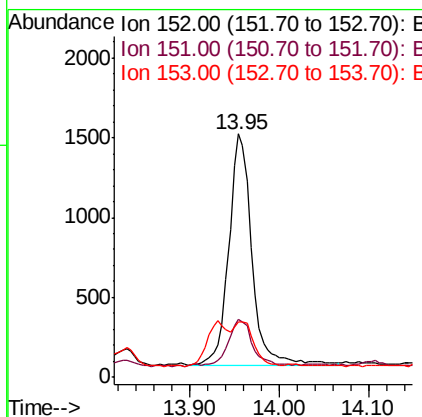
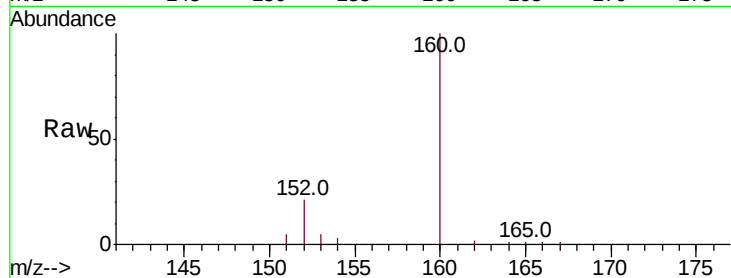
Acq: 20 Nov 2019 23:56

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	152	Resp:	2605
Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.6	24.8
153	22.6	11.1	16.7#



#8

Acenaphthene

Concen: 0.361 ng/ul

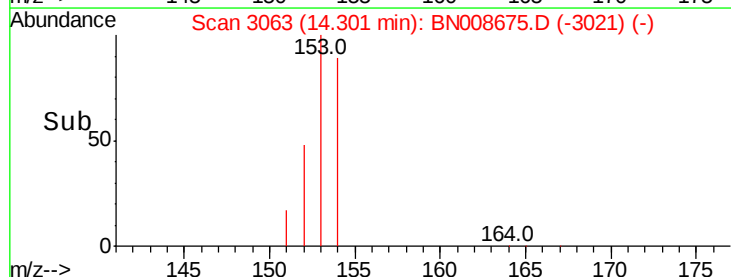
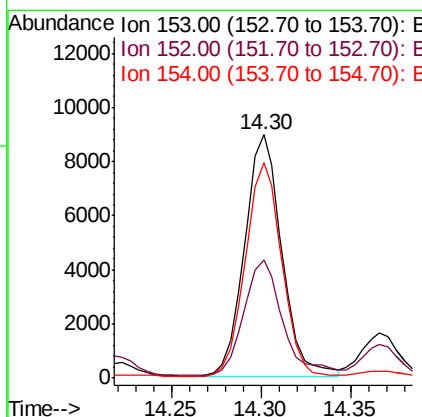
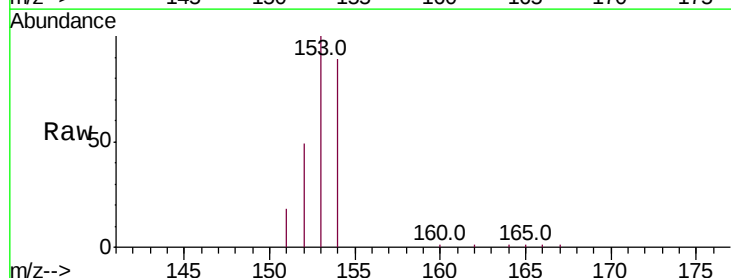
RT: 14.30 min Scan# 3063

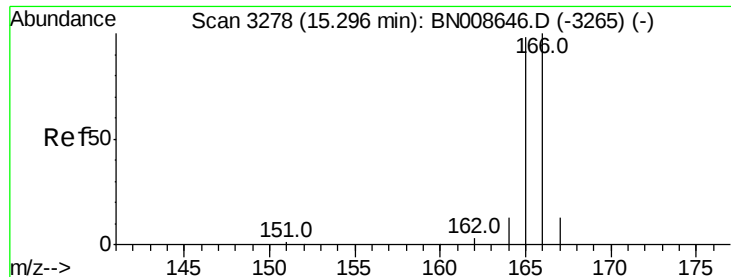
Delta R.T. -0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

Tgt Ion:	153	Resp:	12907
Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.6	59.4
154	88.6	70.6	106.0

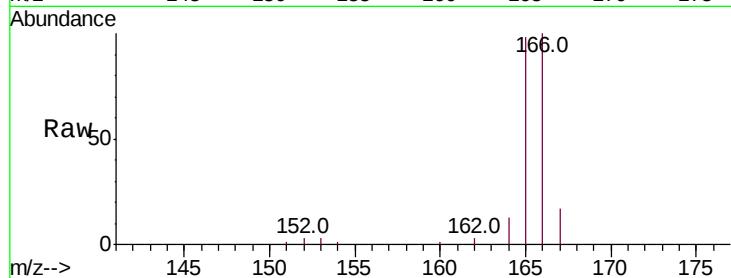




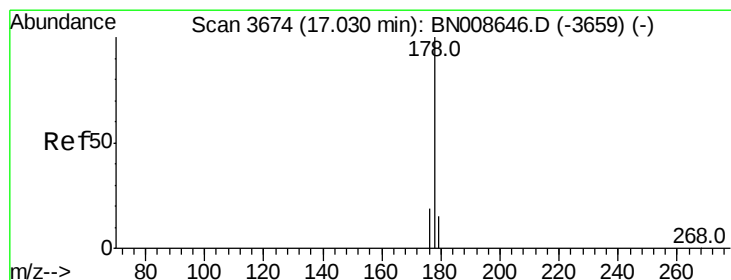
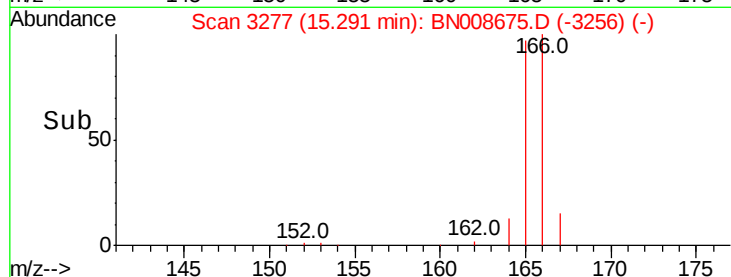
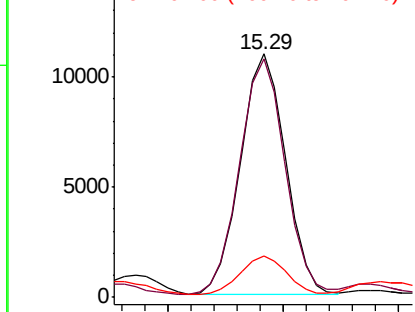
#9
Fluorene
 Concen: 0.354 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: BN008675.D
 Acq: 20 Nov 2019 23:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 14876
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.4 116.0
 167 17.0 11.4 17.0

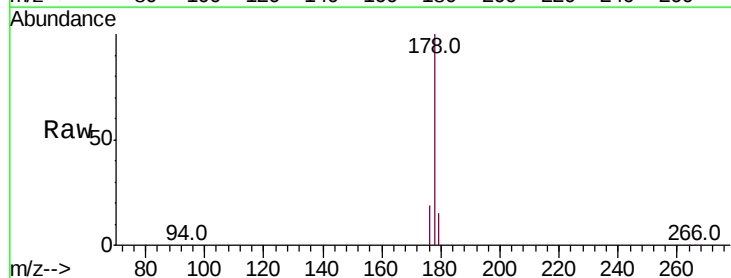


Abundance Ion 166.00 (165.70 to 166.70): E
 15000 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

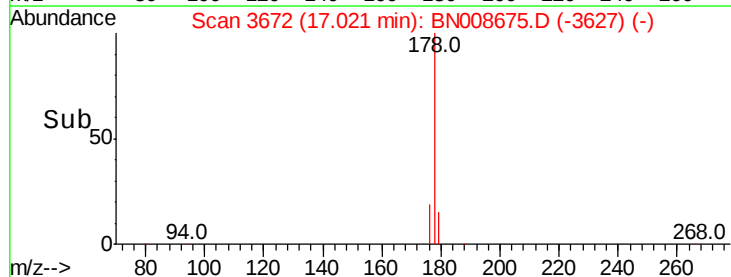
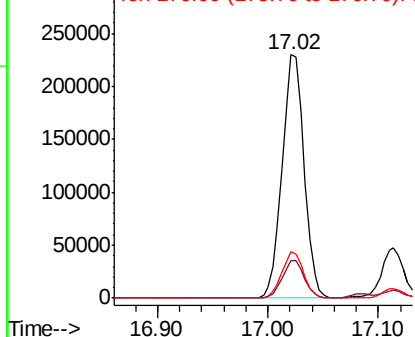


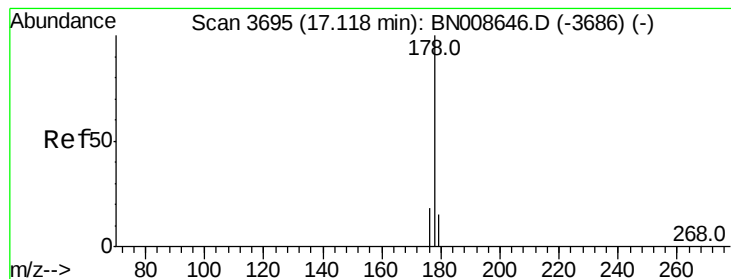
#12
Phenanthrene
 Concen: 5.231 ng/ul
 RT: 17.02 min Scan# 3672
 Delta R.T. -0.01 min
 Lab File: BN008675.D
 Acq: 20 Nov 2019 23:56

Tgt Ion:178 Resp: 315259
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.8 19.2
 176 18.9 16.0 24.0



Abundance Ion 178.00 (177.70 to 178.70): E
 300000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.140 ng/ul

RT: 17.11 min Scan# 3694

Delta R.T. -0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

Instrument :

BNA_N

ClientSampleId :

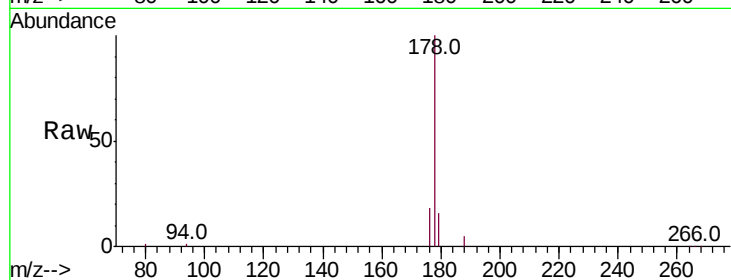
Tot Ion:178 Resp: 64909

Ion Ratio Lower Upper

178 100

179 15.8 13.0 19.4

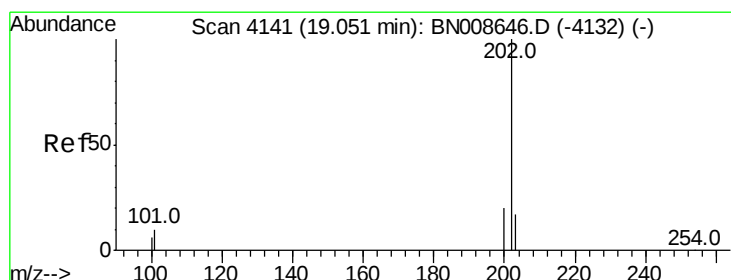
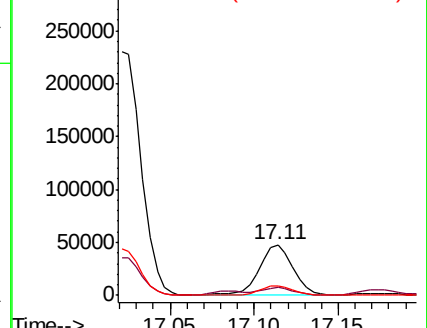
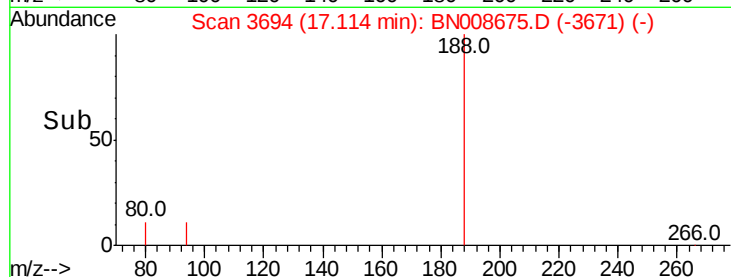
176 18.3 15.3 22.9



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: 7.697 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

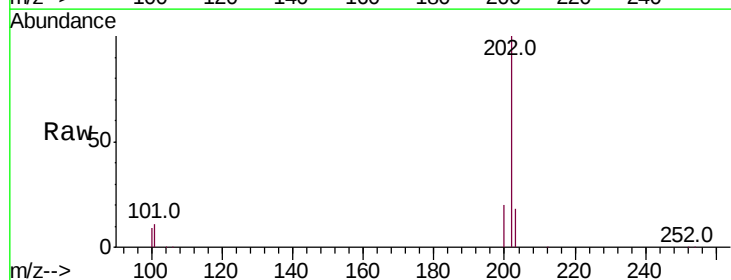
Tgt Ion:202 Resp: 569917

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.6

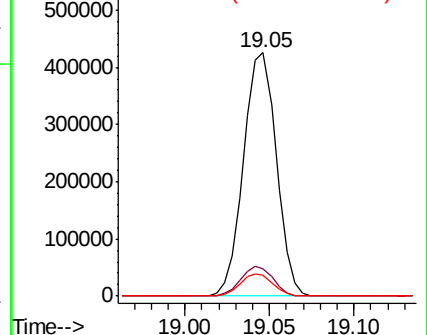
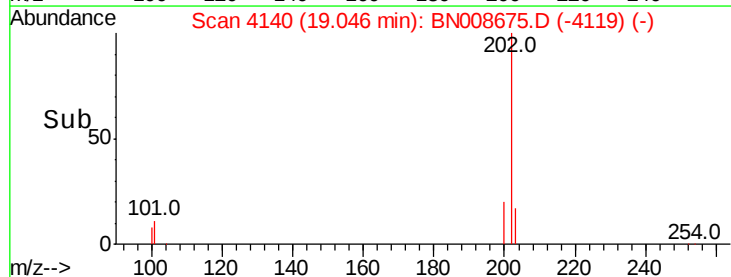
100 8.5 0.0 27.0

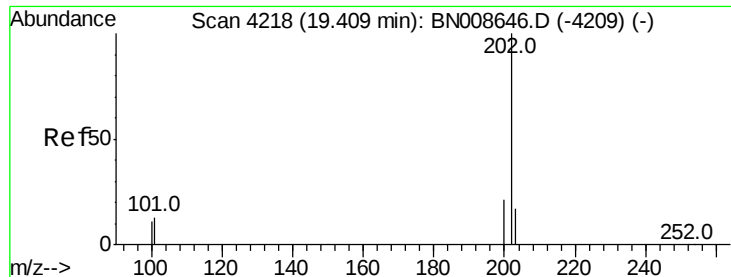


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 9.435 ng/ul

RT: 19.41 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

Instrument :

BNA_N

ClientSampleId :

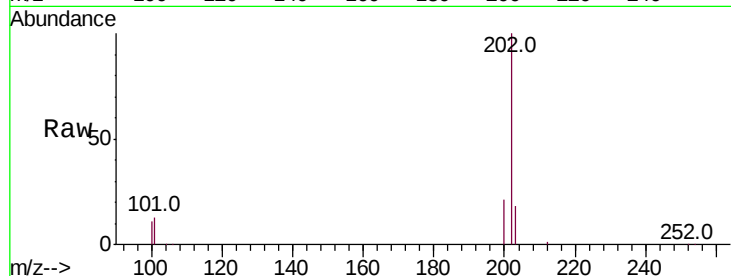
Tot Ion:202 Resp: 501165

Ion Ratio Lower Upper

202 100

101 13.4 10.2 15.2

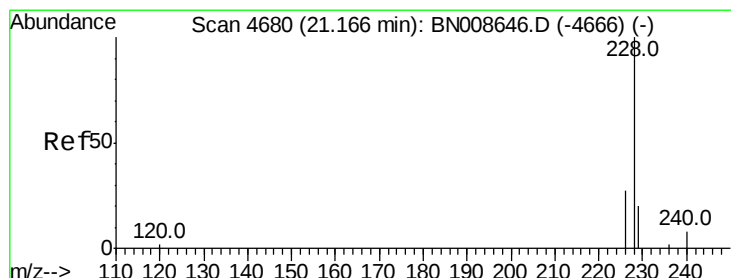
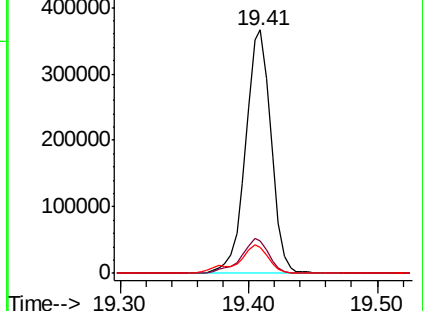
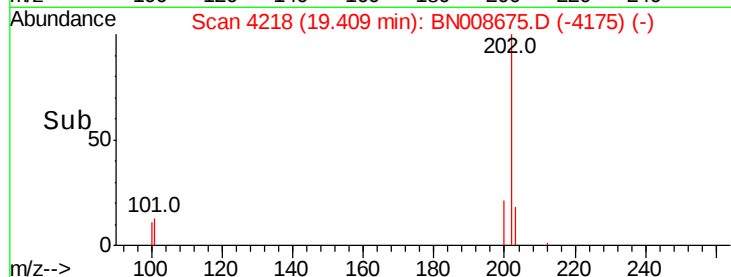
100 10.7 8.2 12.2



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: 4.833 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

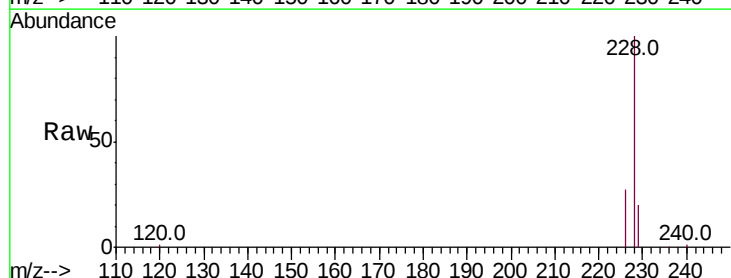
Tgt Ion:228 Resp: 257357

Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.6

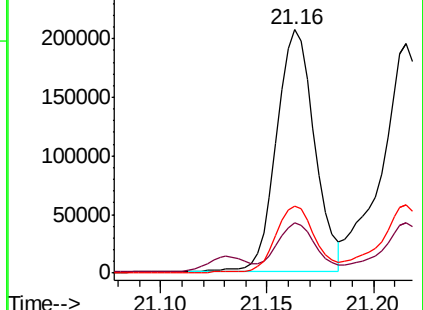
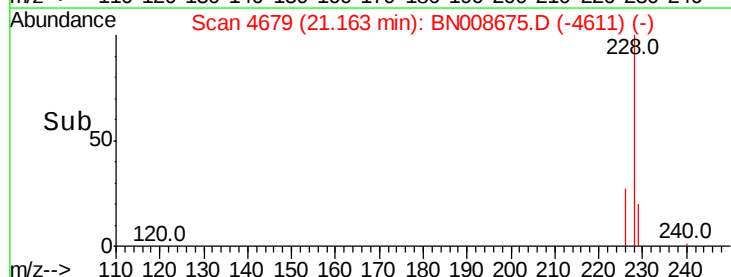
226 27.5 21.6 32.4

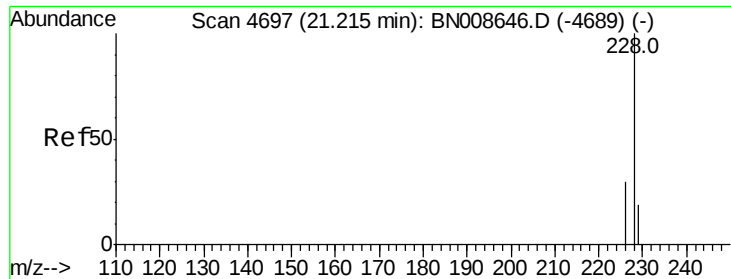


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.187 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

Instrument :

BNA_N

ClientSampled :

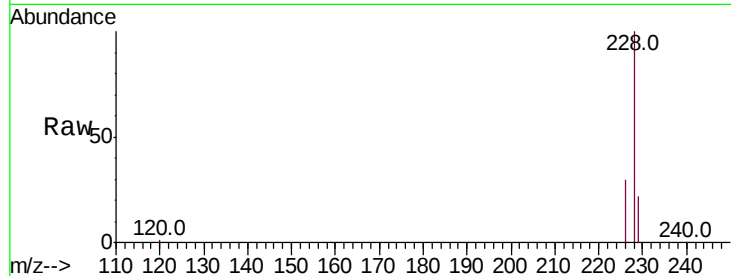
Tot Ion:228 Resp: 271248

Ion Ratio Lower Upper

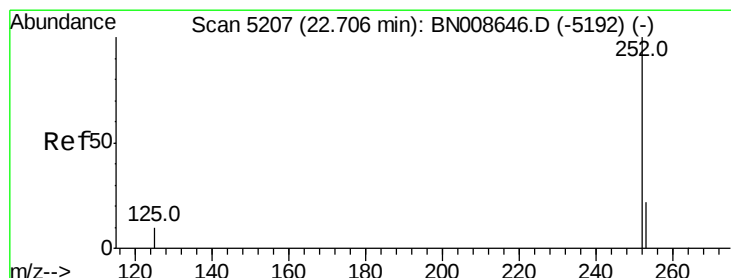
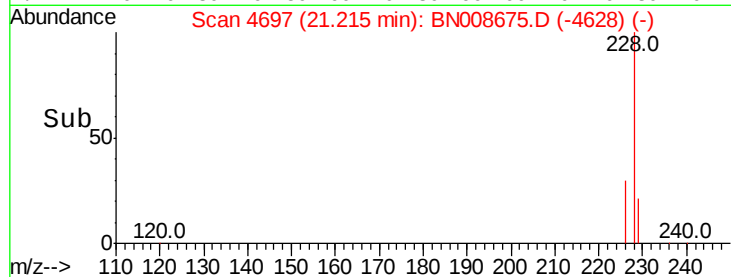
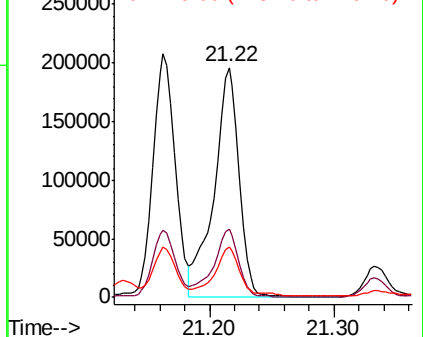
228 100

226 29.7 24.5 36.7

229 21.8 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: 7.729 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. 0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

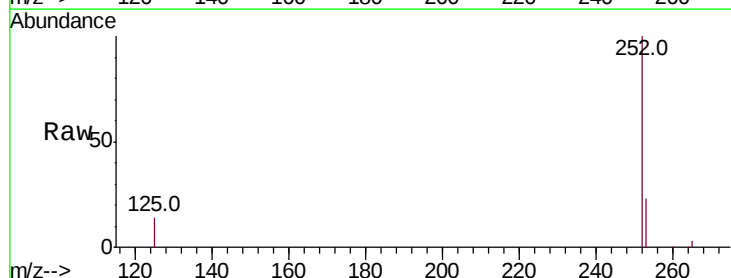
Tgt Ion:252 Resp: 442410

Ion Ratio Lower Upper

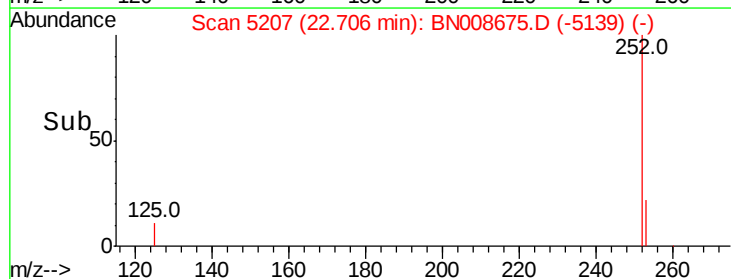
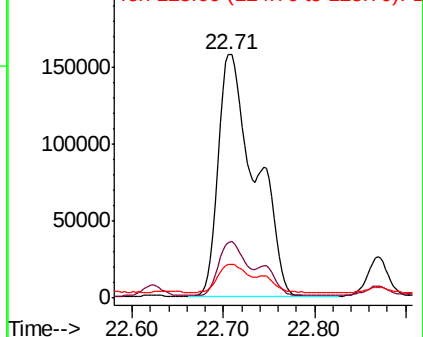
252 100

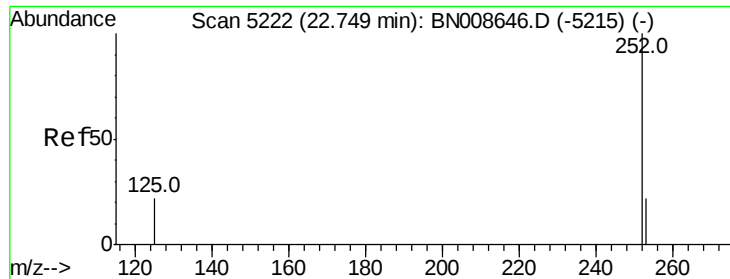
253 22.8 0.0 50.2

125 13.9 0.0 30.0



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: 7.793 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.04 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

Instrument :

BNA_N

ClientSampleId :

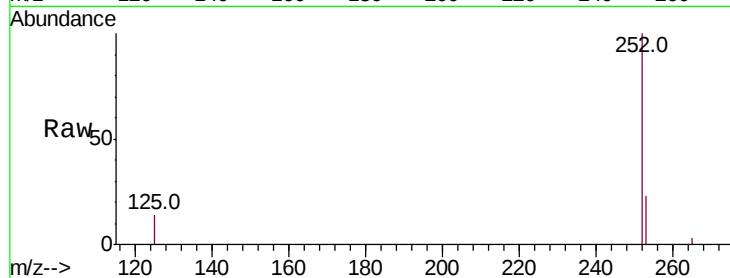
Tot Ion:252 Resp: 442410

Ion Ratio Lower Upper

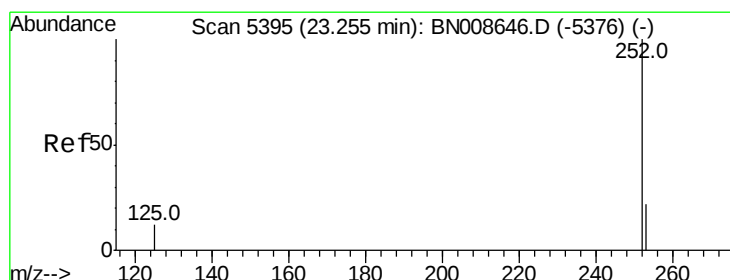
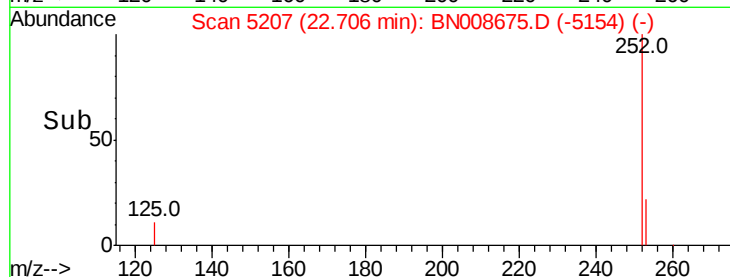
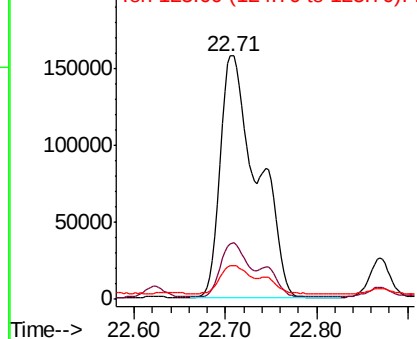
252 100

253 22.8 20.5 30.7

125 13.9 15.0 22.4#



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: 4.325 ng/ul

RT: 23.25 min Scan# 5394

Delta R.T. -0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

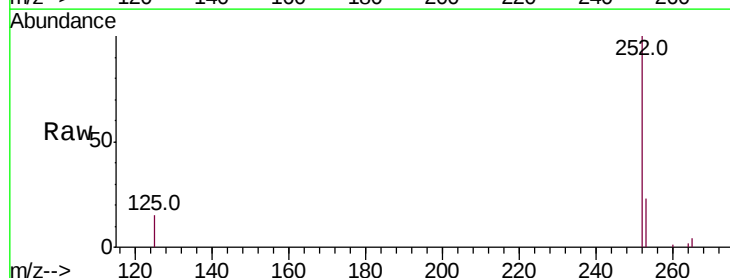
Tgt Ion:252 Resp: 232409

Ion Ratio Lower Upper

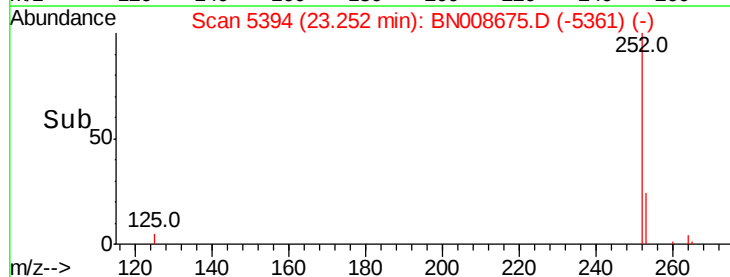
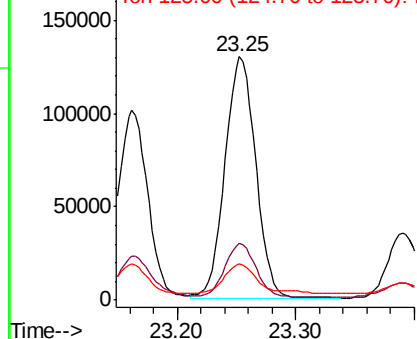
252 100

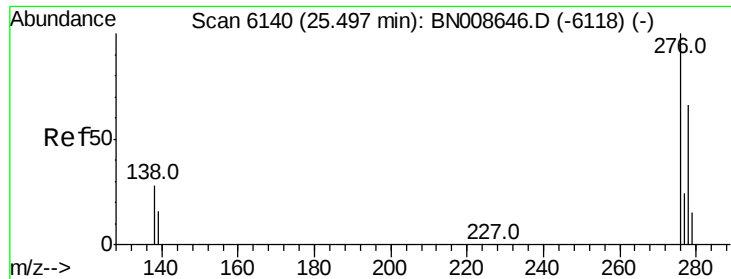
253 23.2 21.4 32.2

125 14.8 13.8 20.8



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



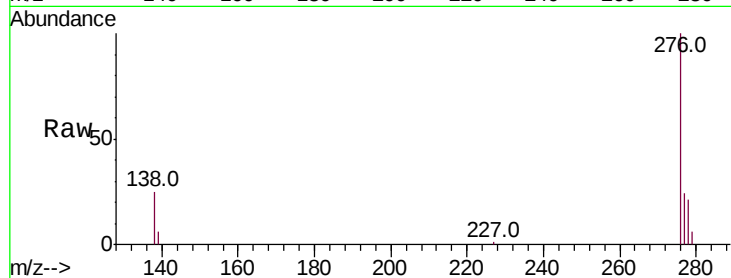


#24

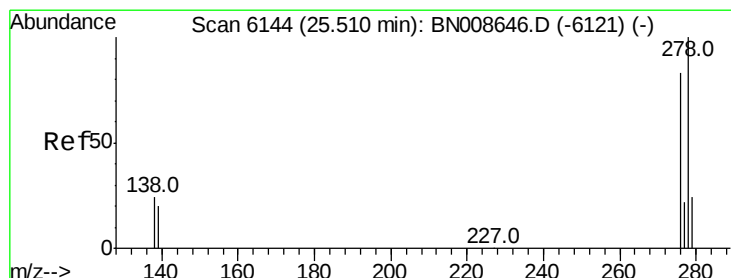
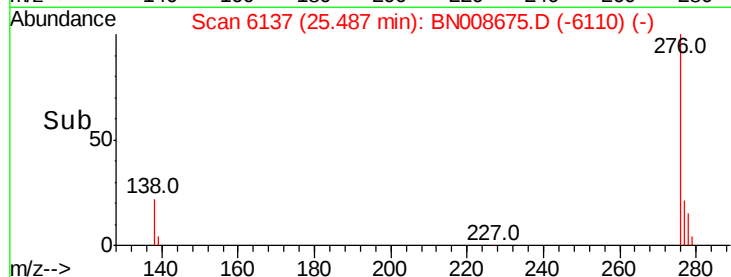
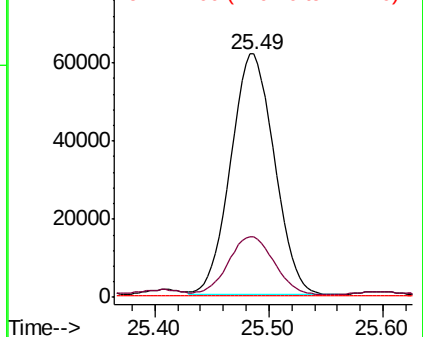
Indeno(1,2,3-cd)pyrene
Concen: 2.609 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 163959
Ion Ratio Lower Upper
276 100
138 24.7 21.7 32.5
227 0.2 0.2 0.2



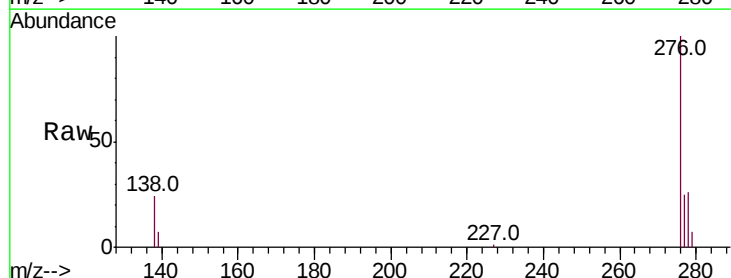
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



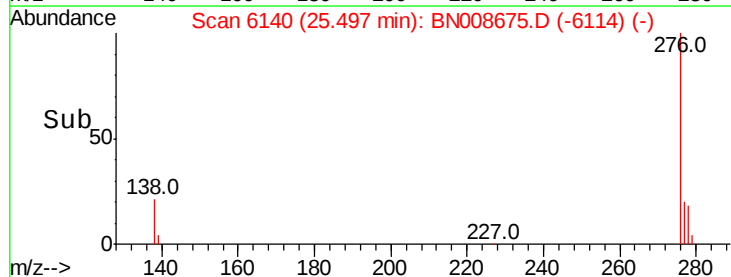
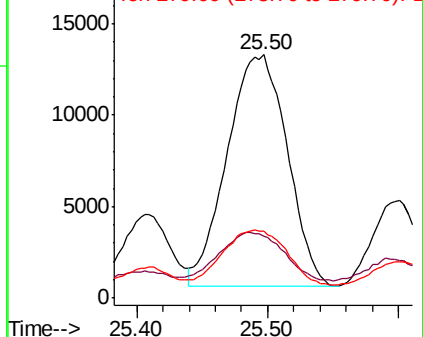
#25

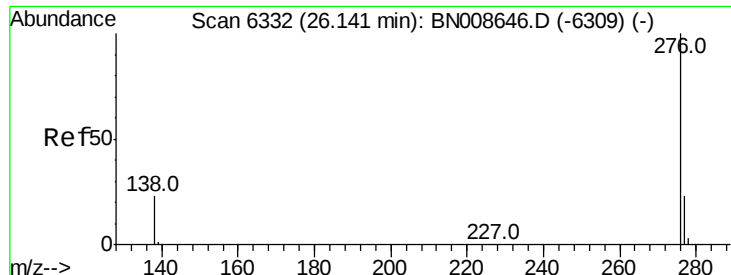
Dibenzo(a,h)anthracene
Concen: 0.792 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.01 min
Lab File: BN008675.D
Acq: 20 Nov 2019 23:56

Tgt Ion:278 Resp: 40206
Ion Ratio Lower Upper
278 100
139 25.6 18.7 28.1
279 27.6 20.8 31.2



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: 3.131 ng/ul

RT: 26.14 min Scan# 6331

Delta R.T. -0.00 min

Lab File: BN008675.D

Acq: 20 Nov 2019 23:56

Instrument :

BNA_N

ClientSampleId :

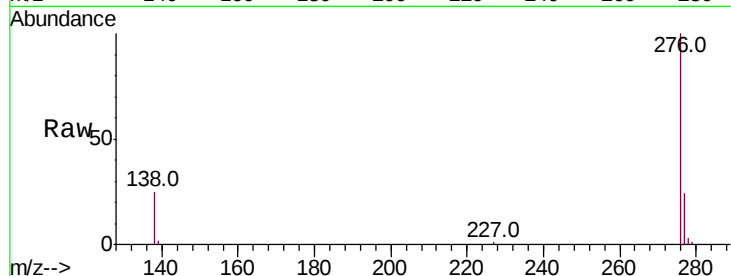
Tot Ion:276 Resp: 164584

Ion Ratio Lower Upper

276 100

138 25.4 20.0 30.0

277 24.1 20.0 30.0



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

