

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008676.D
 Acq On : 21 Nov 2019 00:32
 Operator : JU
 Sample : K5851-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 21 01:29:17 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 : Thu Nov 21 00:43:05 2019
 Response via : Initial Calibration

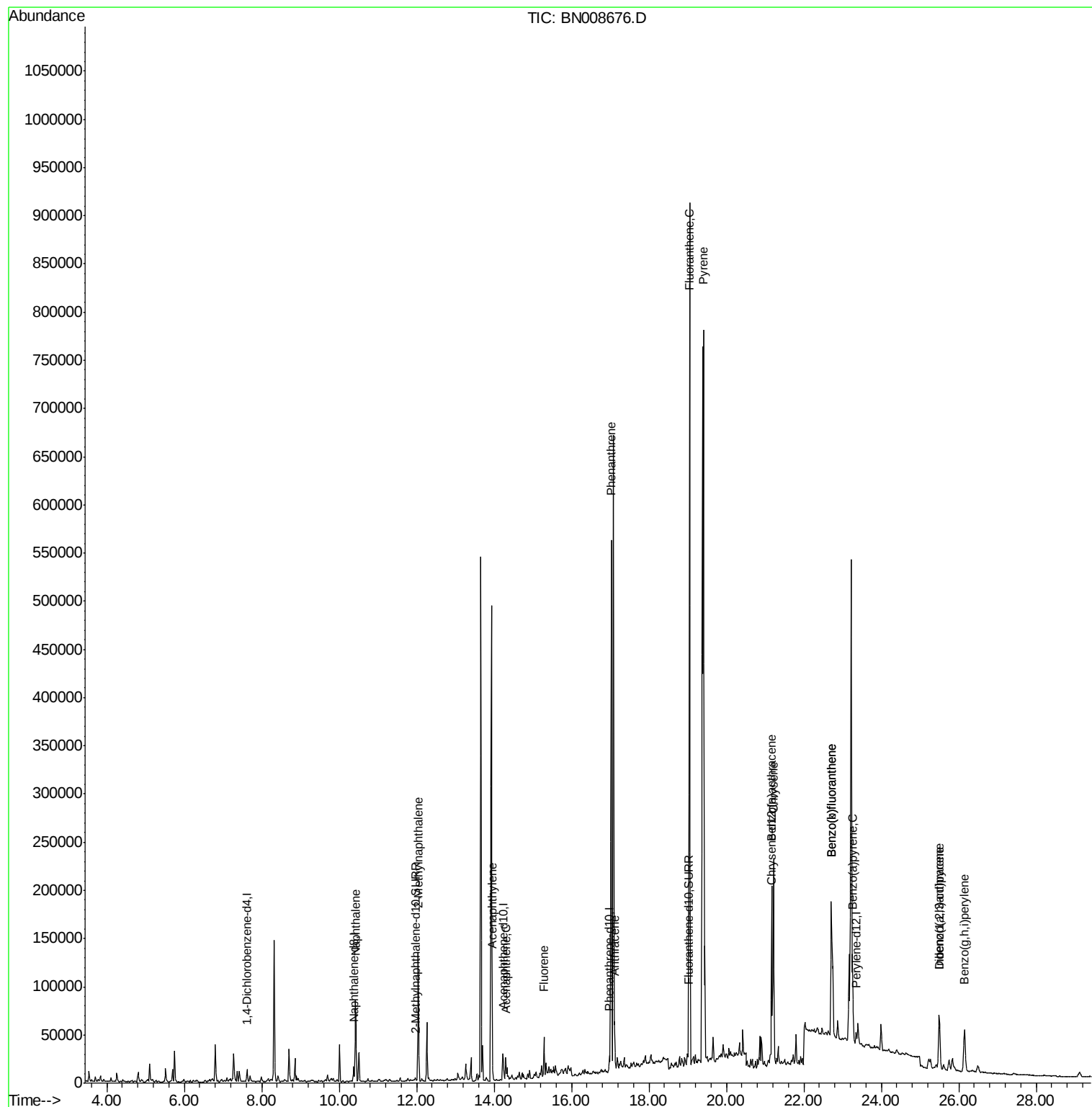
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4386	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16288	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	9958	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	18377	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13748	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14015	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4319	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10646	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	107090	2.181	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	94212	2.748	ng/ul	100
7) Acenaphthylene	13.95	152	15057	0.273	ng/ul#	91
8) Acenaphthene	14.30	153	16270	0.398	ng/ul	91
9) Fluorene	15.29	166	21723	0.453	ng/ul#	89
12) Phenanthrene	17.03	178	546732	8.822	ng/ul	98
13) Anthracene	17.11	178	51044	0.872	ng/ul#	94
15) Fluoranthene	19.05	202	742370	9.750	ng/ul	95
17) Pyrene	19.41	202	581113	10.536	ng/ul	98
18) Benzo(a)anthracene	21.17	228	148254	2.682	ng/ul#	94
19) Chrysene	21.22	228	225320	4.149	ng/ul#	96
21) Benzo(b)fluoranthene	22.71	252	291008	5.035	ng/ul#	73
22) Benzo(k)fluoranthene	22.71	252	291008	5.077	ng/ul#	75
23) Benzo(a)pyrene	23.26	252	115913	2.137	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.50	276	82047	1.293	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.50	278	22127	0.432	ng/ul#	11
26) Benzo(a,h,i)perylene	26.15	276	87357	1.646	ng/ul#	91

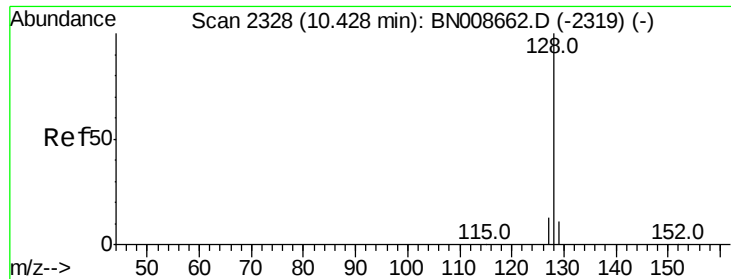
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 21 01:29:17 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 : Thu Nov 21 00:43:05 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.181 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampleId :

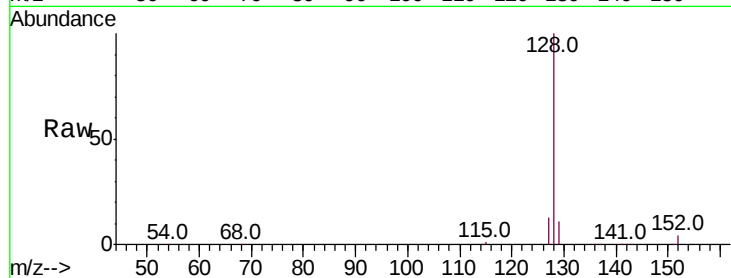
Tot Ion:128 Resp: 107090

Ion Ratio Lower Upper

128 100

129 11.0 9.7 14.5

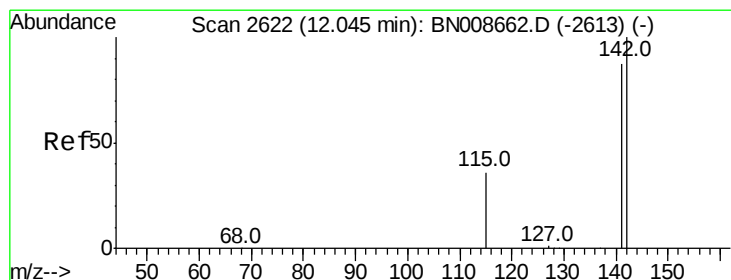
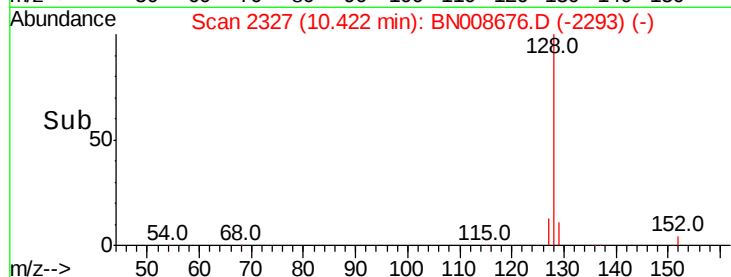
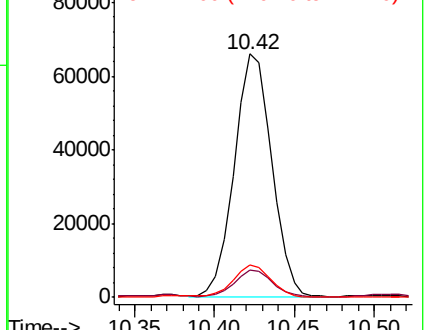
127 13.1 10.8 16.2



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: 2.748 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008676.D

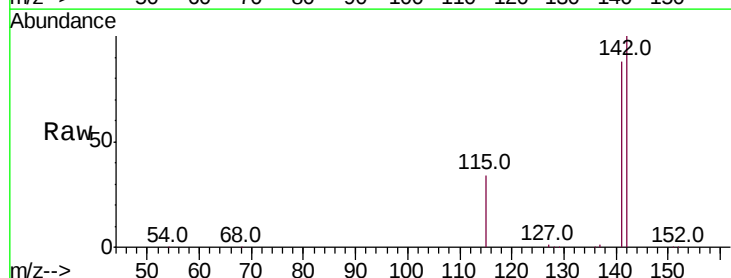
Acq: 21 Nov 2019 00:32

Tgt Ion:142 Resp: 94212

Ion Ratio Lower Upper

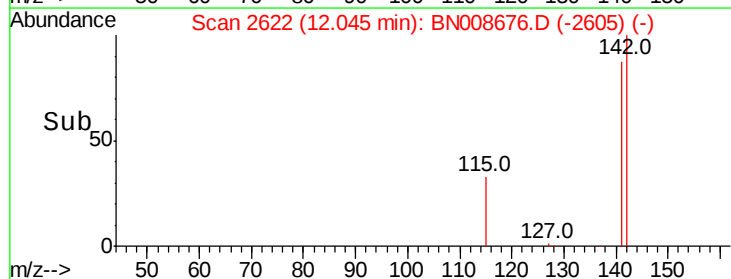
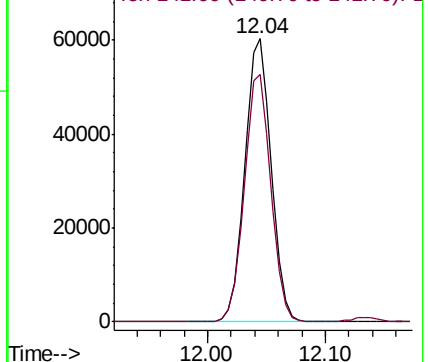
142 100

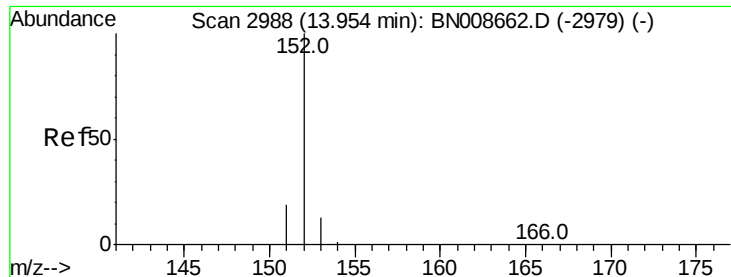
141 87.9 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.273 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampleId :

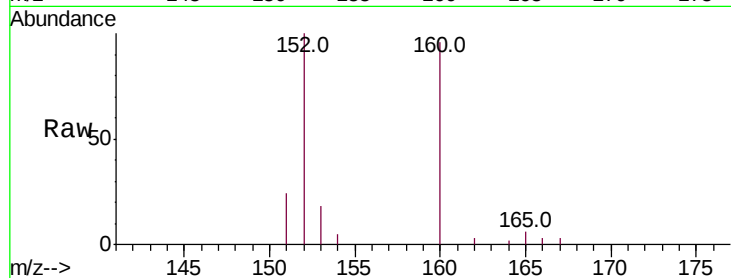
Tot Ion:152 Resp: 15057

Ion Ratio Lower Upper

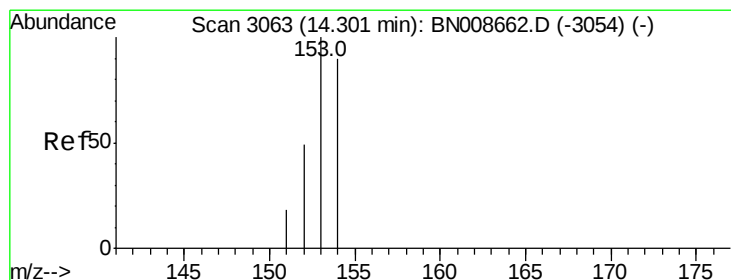
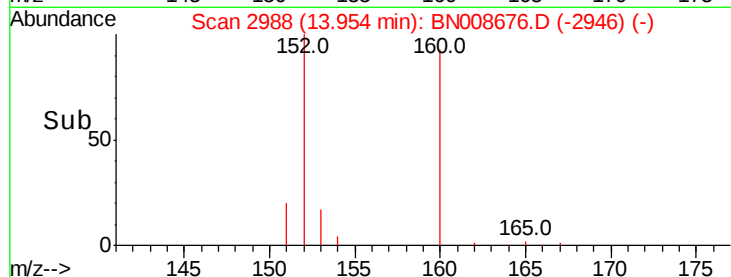
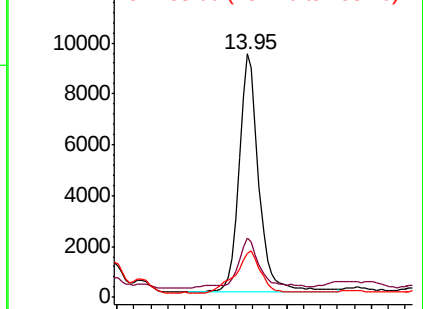
152 100

151 24.3 16.6 24.8

153 18.2 11.1 16.7#



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: 0.398 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

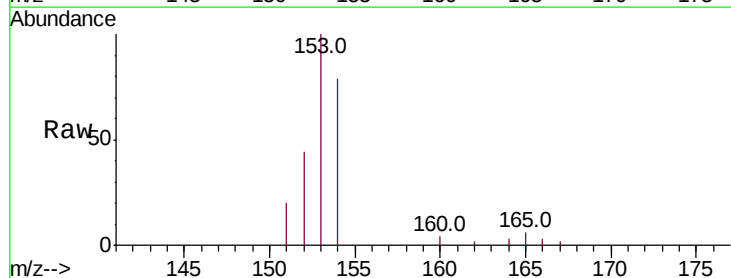
Tgt Ion:153 Resp: 16270

Ion Ratio Lower Upper

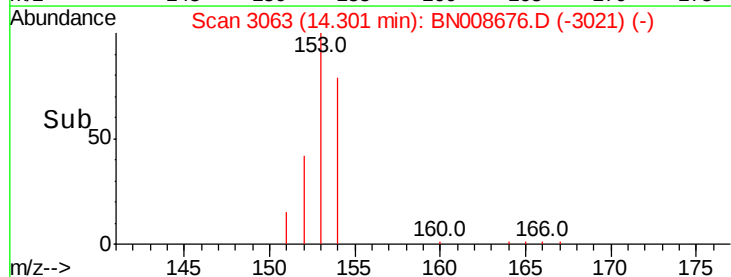
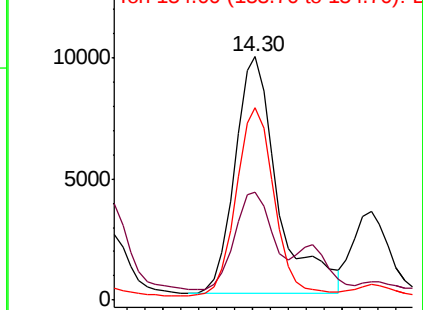
153 100

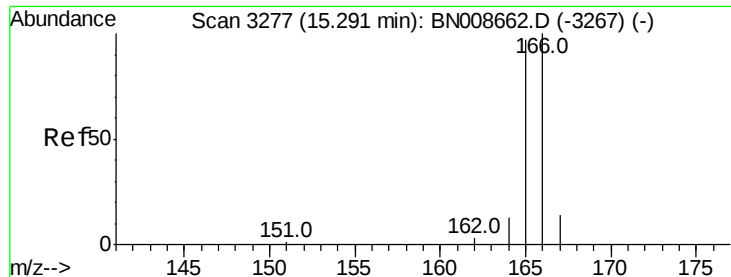
152 44.2 39.6 59.4

154 79.1 70.6 106.0



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: 0.453 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampleId :

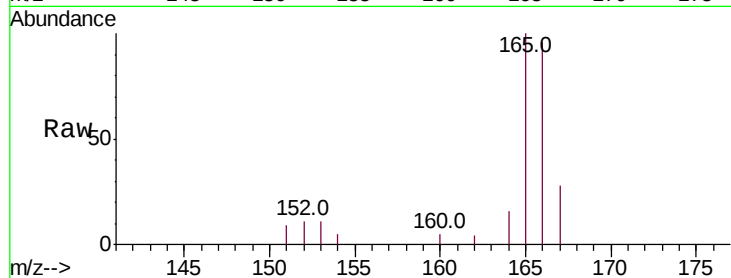
Tot Ion:166 Resp: 21723

Ion Ratio Lower Upper

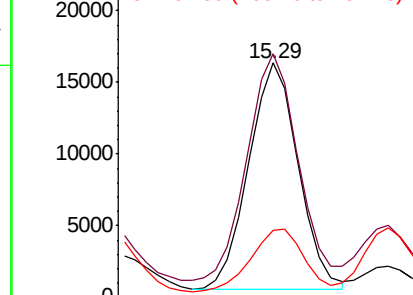
166 100

165 104.0 77.4 116.0

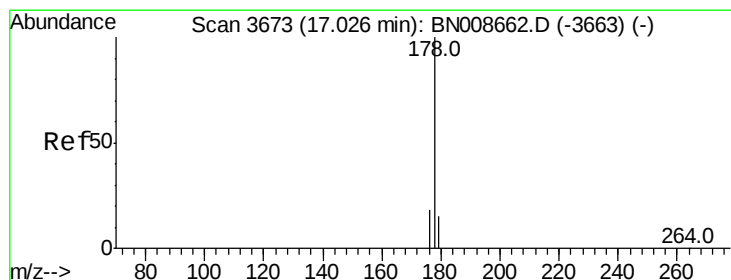
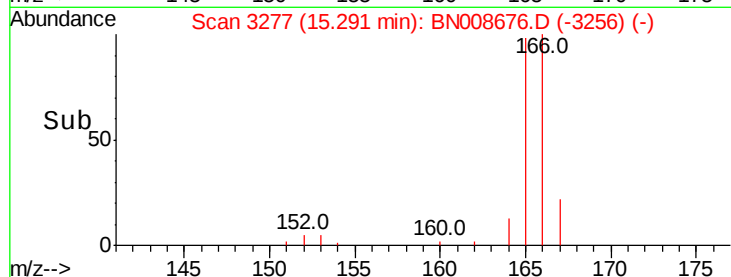
167 28.7 11.4 17.0#



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



Time-->



#12

Phenanthrene

Concen: 8.822 ng/ul

RT: 17.03 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

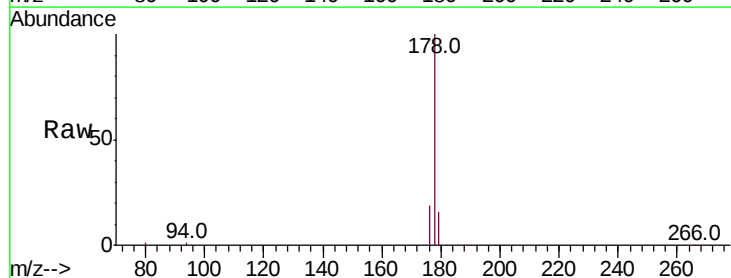
Tgt Ion:178 Resp: 546732

Ion Ratio Lower Upper

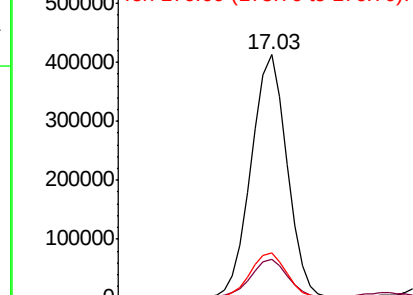
178 100

179 16.0 12.8 19.2

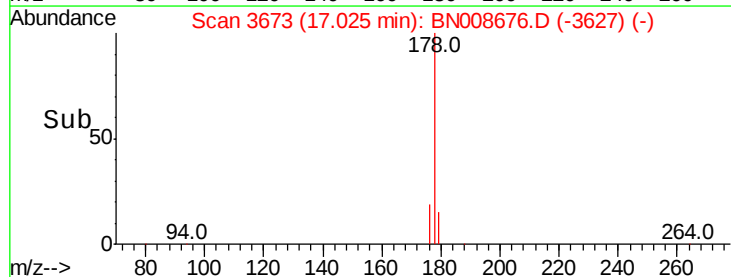
176 18.7 16.0 24.0

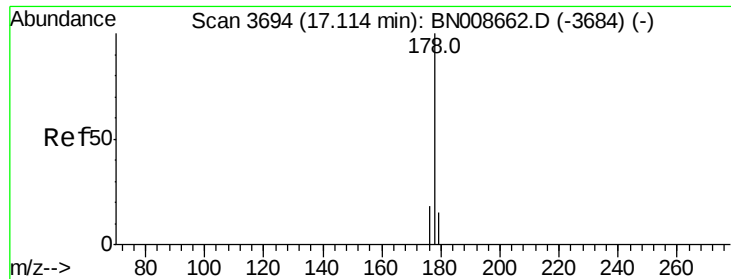


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.872 ng/ul

RT: 17.11 min Scan# 3694

Delta R.T. -0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampled :

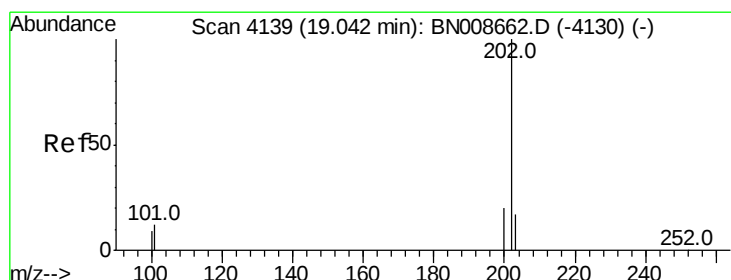
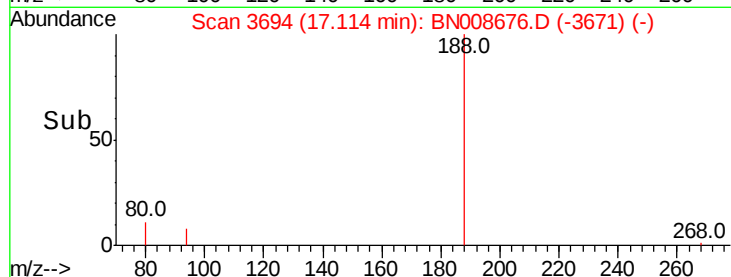
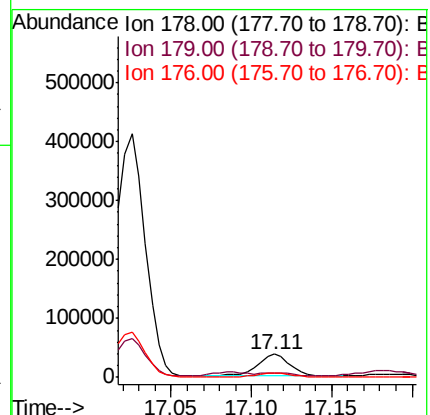
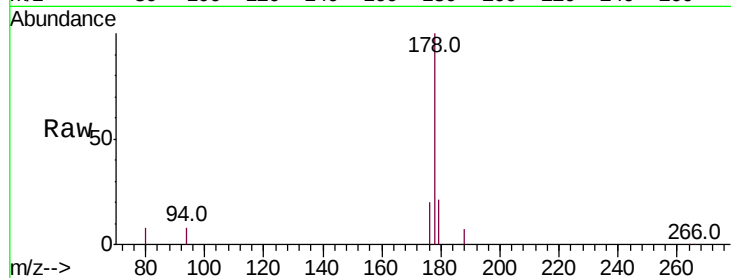
Tot Ion:178 Resp: 51044

Ion Ratio Lower Upper

178 100

179 21.1 13.0 19.4#

176 19.9 15.3 22.9



#15

Fluoranthene

Concen: 9.750 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

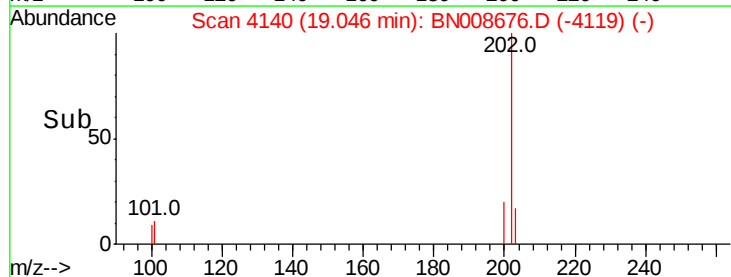
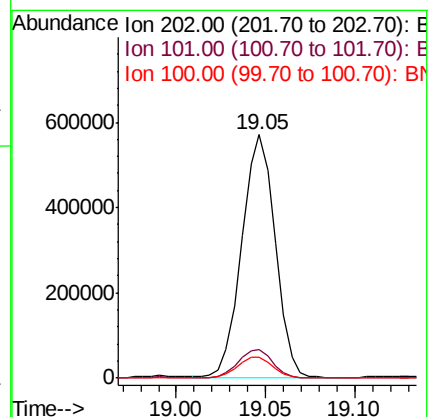
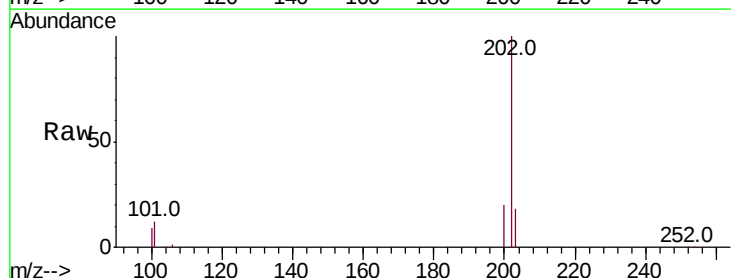
Tgt Ion:202 Resp: 742370

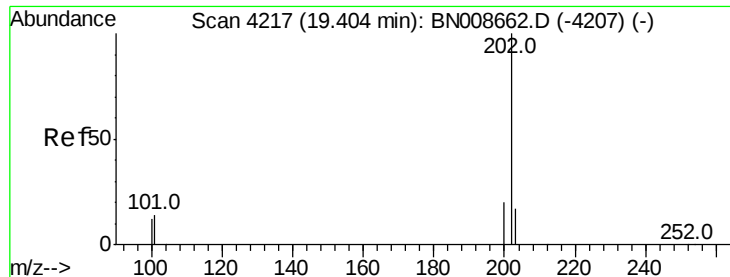
Ion Ratio Lower Upper

202 100

101 11.6 0.0 29.6

100 8.7 0.0 27.0

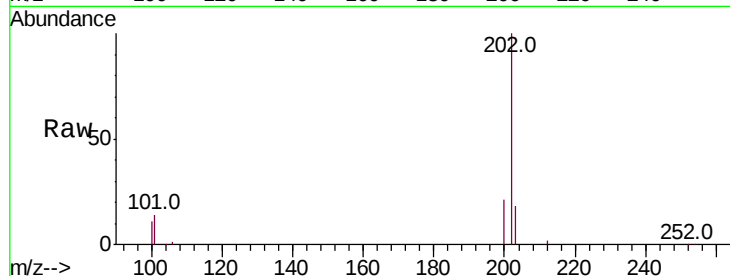




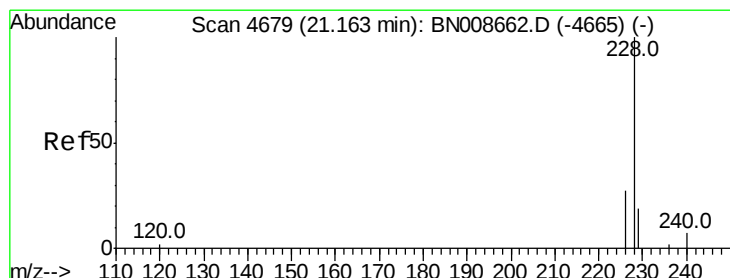
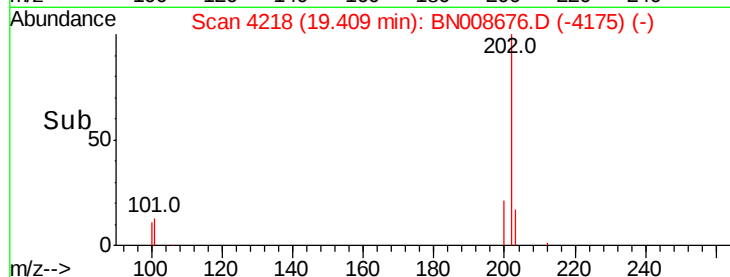
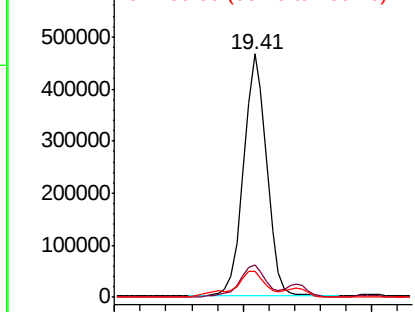
#17
Pvrene
Concen: 10.536 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008676.D
Acq: 21 Nov 2019 00:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 581113
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 10.9 8.2 12.2

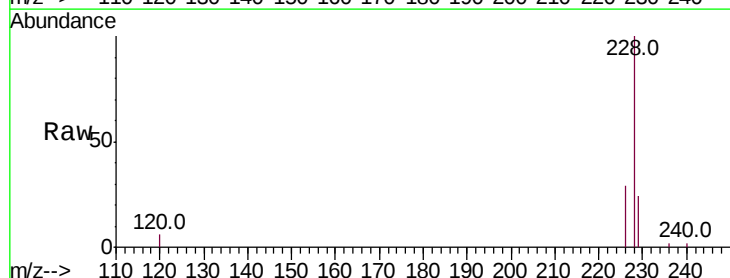


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

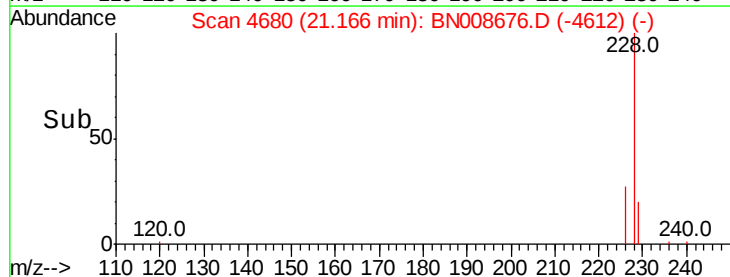
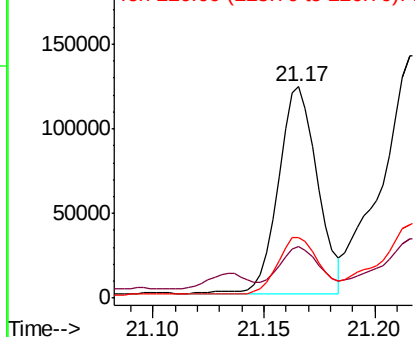


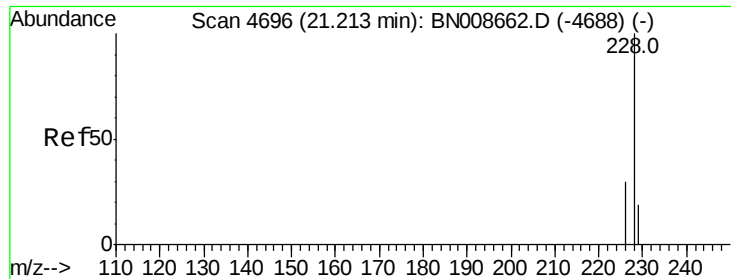
#18
Benzo(a)anthracene
Concen: 2.682 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. 0.00 min
Lab File: BN008676.D
Acq: 21 Nov 2019 00:32

Tgt Ion:228 Resp: 148254
Ion Ratio Lower Upper
228 100
229 24.3 15.8 23.6#
226 28.9 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: 4.149 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. 0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampleId :

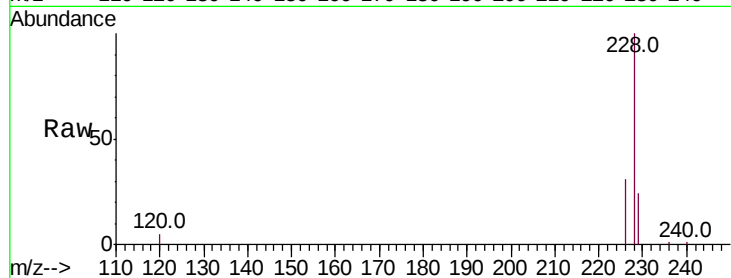
Tot Ion:228 Resp: 225320

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

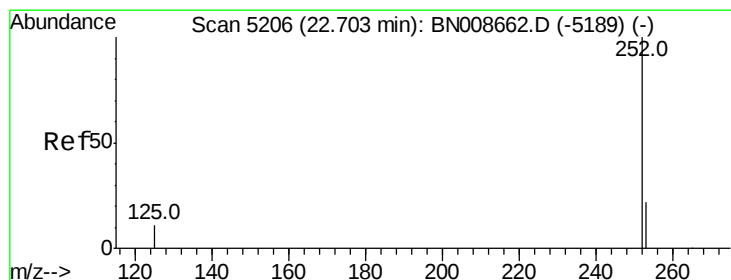
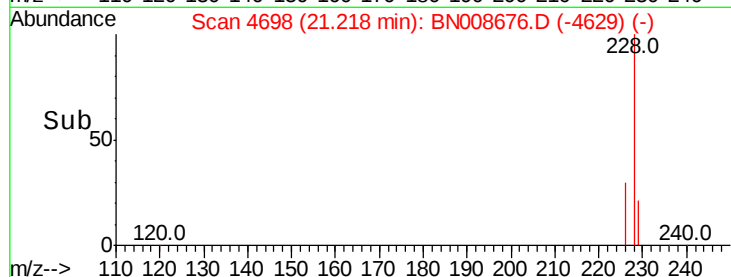
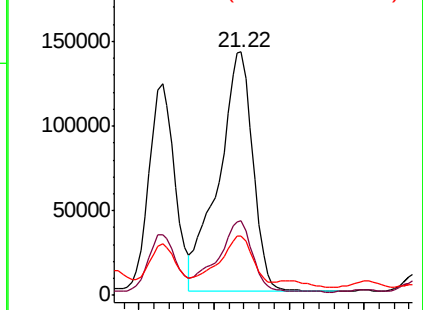
229 24.4 15.5 23.3#



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: 5.035 ng/ul

RT: 22.71 min Scan# 5209

Delta R.T. 0.01 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

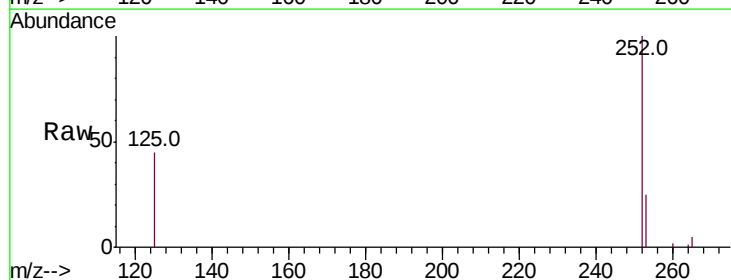
Tgt Ion:252 Resp: 291008

Ion Ratio Lower Upper

252 100

253 25.5 0.0 50.2

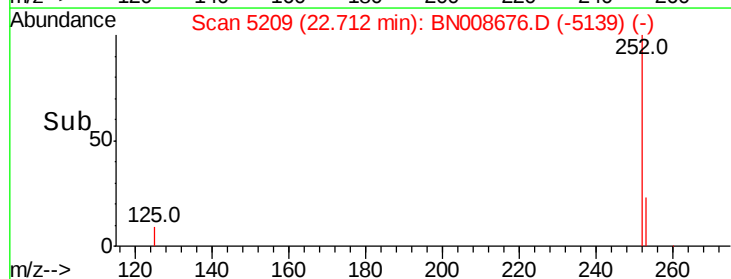
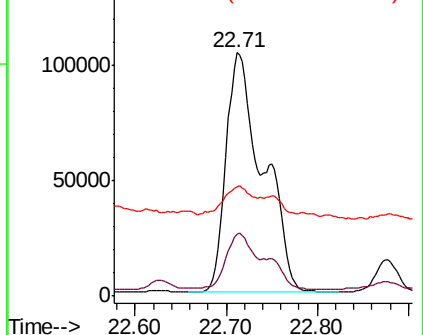
125 44.9 0.0 30.0#

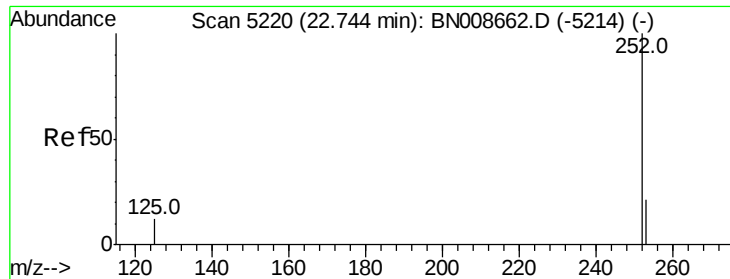


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 5.077 ng/ul

RT: 22.71 min Scan# 5209

Delta R.T. -0.04 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampleId :

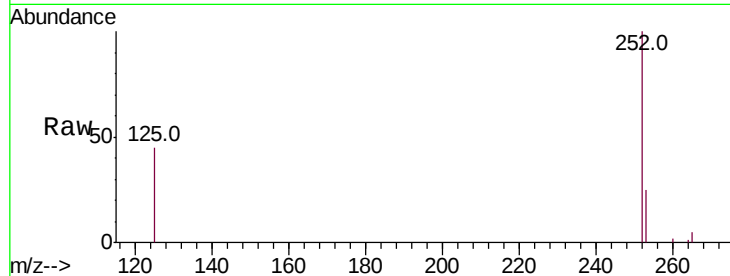
Tot Ion:252 Resp: 291008

Ion Ratio Lower Upper

252 100

253 25.5 20.5 30.7

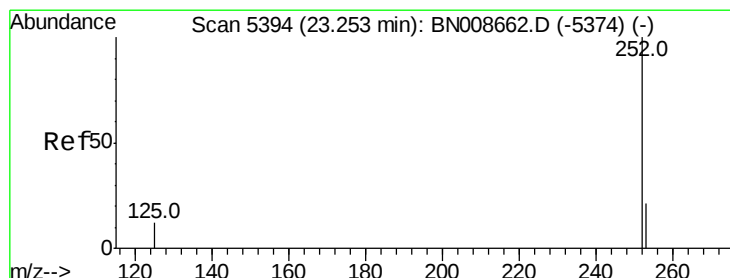
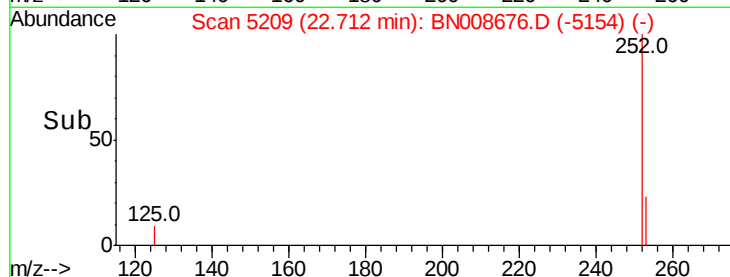
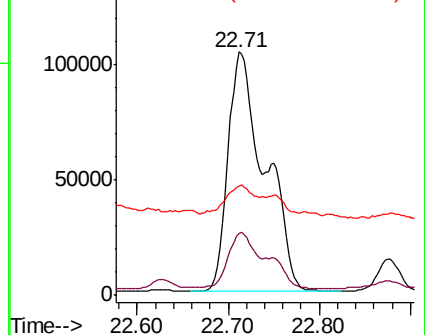
125 44.9 15.0 22.4#



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: 2.137 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. 0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

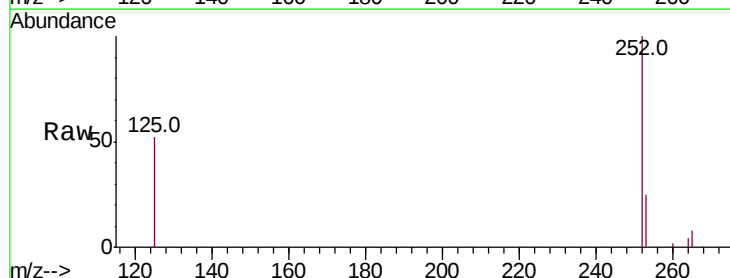
Tgt Ion:252 Resp: 115913

Ion Ratio Lower Upper

252 100

253 25.4 21.4 32.2

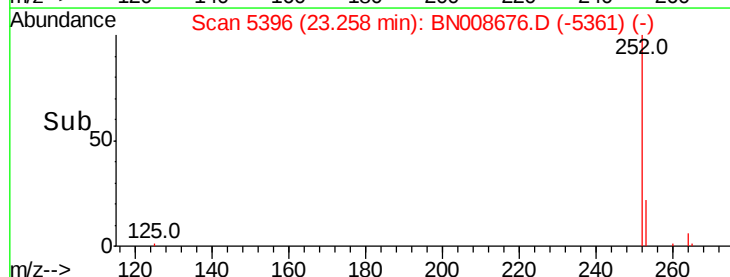
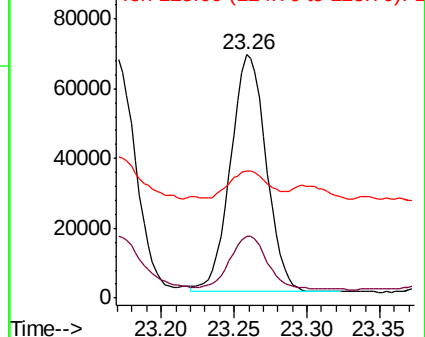
125 52.2 13.8 20.8#

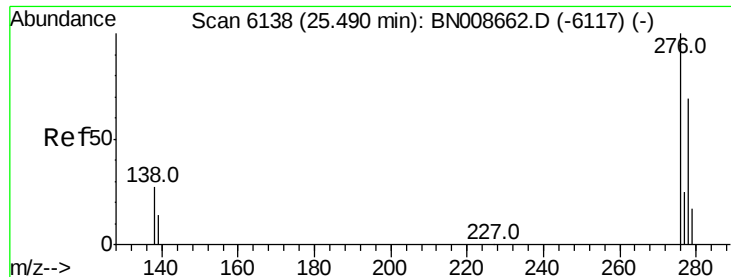


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.293 ng/ul

RT: 25.50 min Scan# 6140

Delta R.T. 0.00 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampleId :

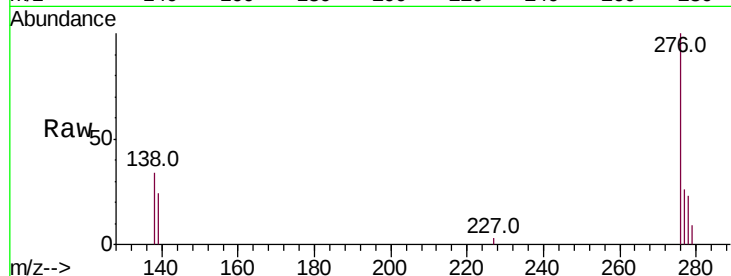
Tot Ion:276 Resp: 82047

Ion Ratio Lower Upper

276 100

138 25.2 21.7 32.5

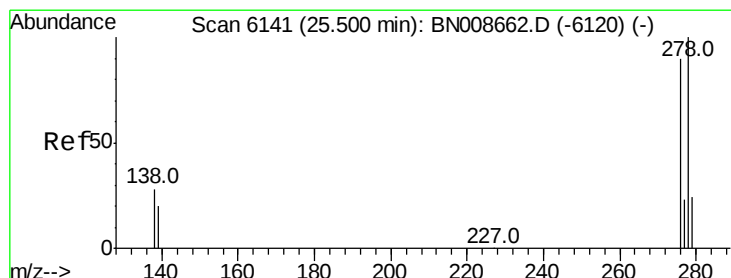
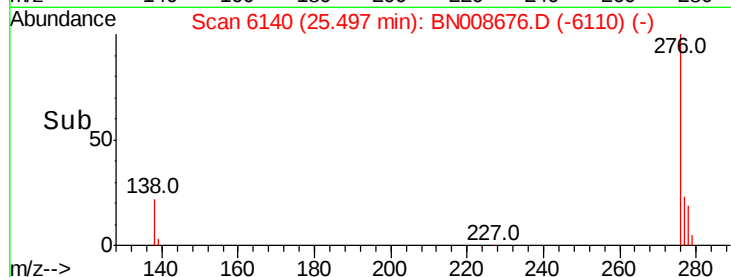
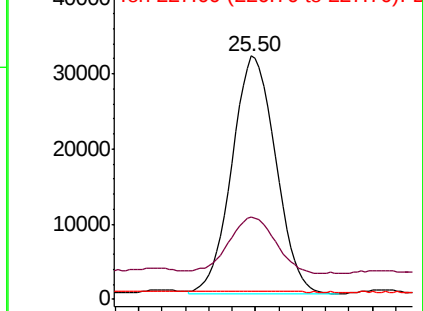
227 0.1 0.2 0.2#



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: 0.432 ng/ul

RT: 25.50 min Scan# 6142

Delta R.T. -0.01 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

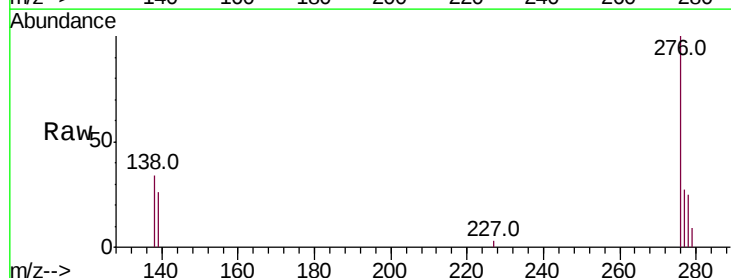
Tgt Ion:278 Resp: 22127

Ion Ratio Lower Upper

278 100

139 103.1 18.7 28.1#

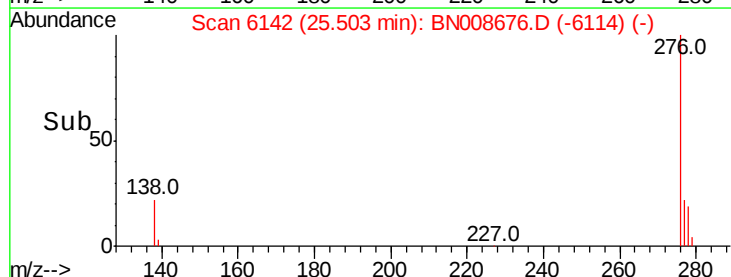
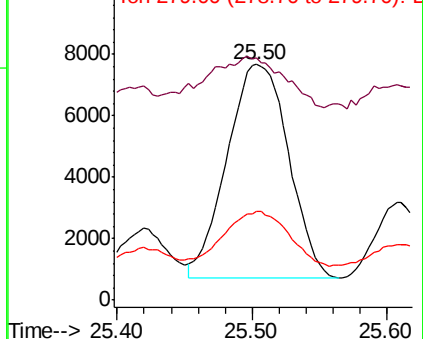
279 37.7 20.8 31.2#

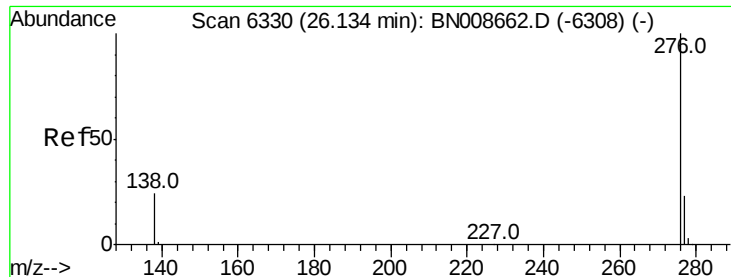


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.646 ng/ul

RT: 26.15 min Scan# 6336

Delta R.T. 0.01 min

Lab File: BN008676.D

Acq: 21 Nov 2019 00:32

Instrument :

BNA_N

ClientSampleId :

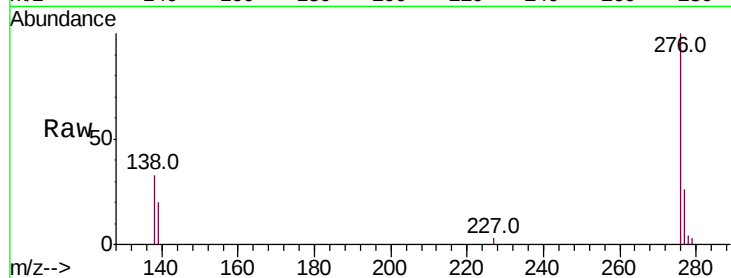
Tot Ion:276 Resp: 87357

Ion Ratio Lower Upper

276 100

138 33.5 20.0 30.0#

277 25.5 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

