

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008343.D
 Acq On : 23 Oct 2019 08:42
 Operator : JU
 Sample : K5223-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 09:32:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

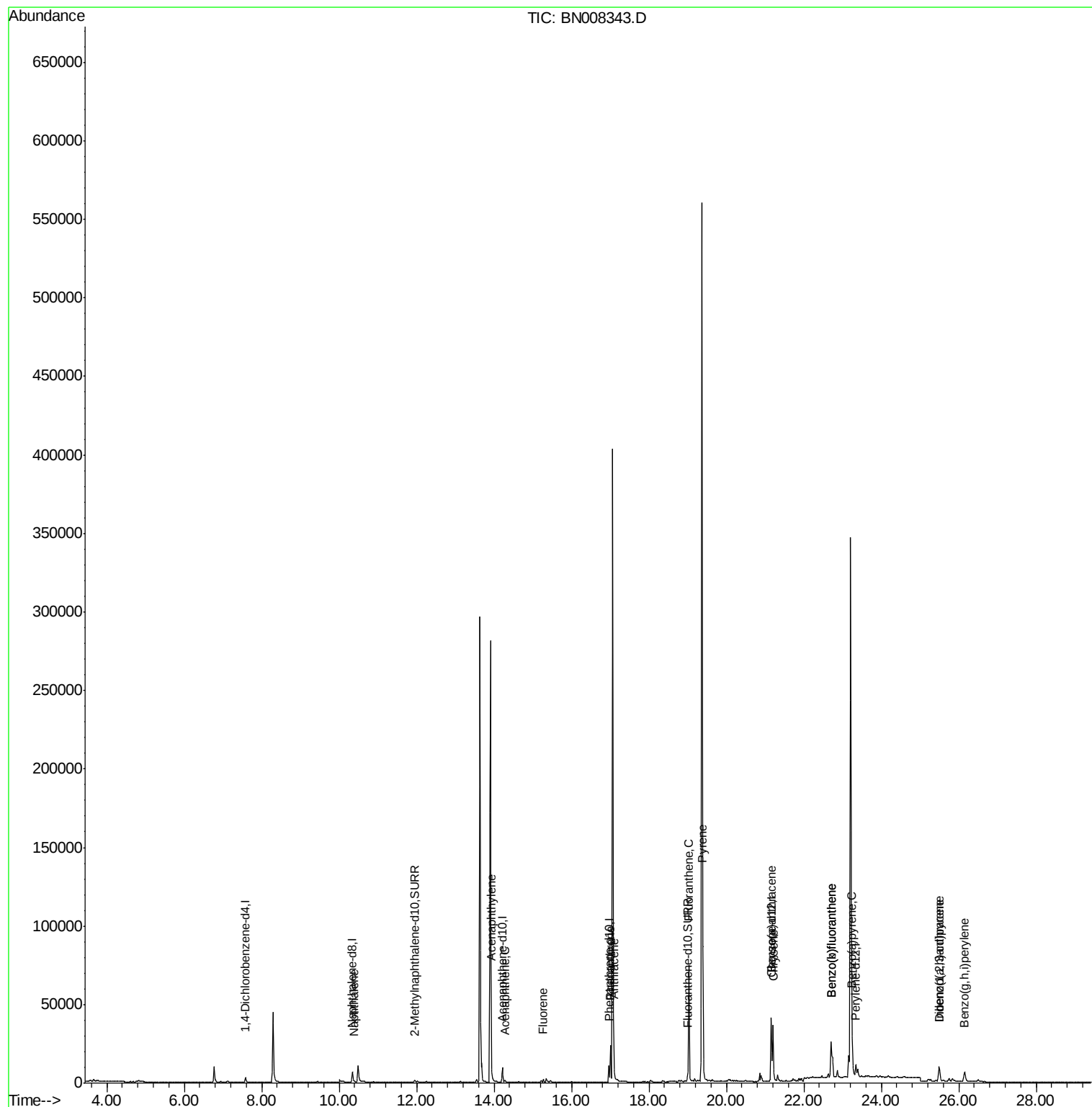
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1781	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	8751	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5501	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11992	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11033	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9172	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2125	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6359	0.15	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	698	0.028	ng/ul#	75
7) Acenaphthylene	13.93	152	2346	0.090	ng/ul#	93
8) Acenaphthene	14.28	153	786	0.039	ng/ul	96
9) Fluorene	15.27	166	1301	0.056	ng/ul#	96
12) Phenanthrene	17.01	178	26054	0.742	ng/ul	99
13) Anthracene	17.10	178	5248	0.170	ng/ul	97
15) Fluoranthene	19.03	202	62298	1.343	ng/ul	98
17) Pyrene	19.39	202	63478	1.445	ng/ul	96
18) Benzo(a)anthracene	21.16	228	33948	0.846	ng/ul	97
19) Chrysene	21.21	228	36931	0.750	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	50657	1.697	ng/ul	97
22) Benzo(k)fluoranthene	22.70	252	50657	1.498	ng/ul	98
23) Benzo(a)pyrene	23.25	252	25670	0.817	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.50	276	14878	0.402	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.50	278	3694	0.126	ng/ul#	80
26) Benzo(a,h,i)perylene	26.15	276	12572	0.370	ng/ul	98

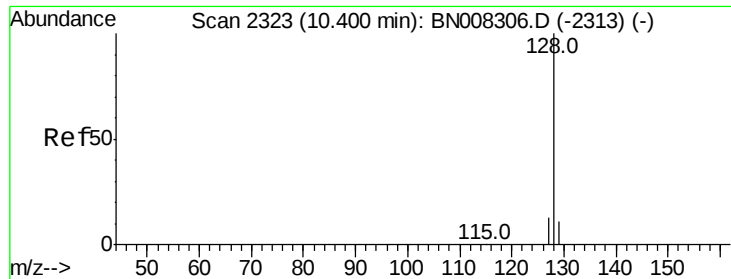
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 23:58:15 2019
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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

Instrument :

BNA_N

ClientSampleId :

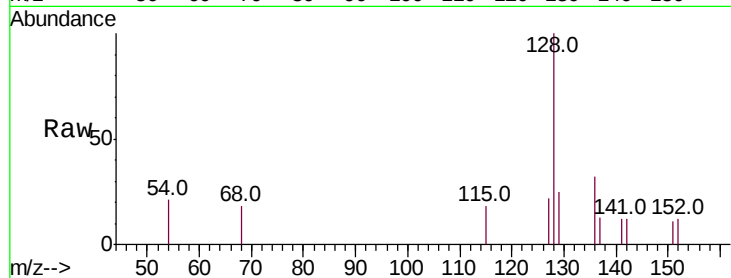
Tot Ion:128 Resp: 698

Ion Ratio Lower Upper

128 100

129 25.0 9.8 14.8#

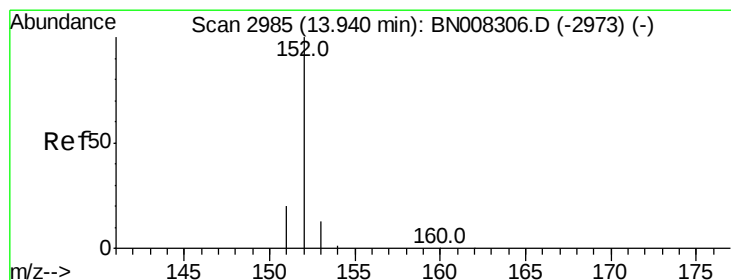
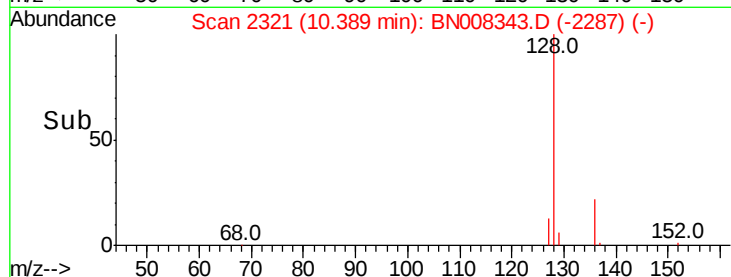
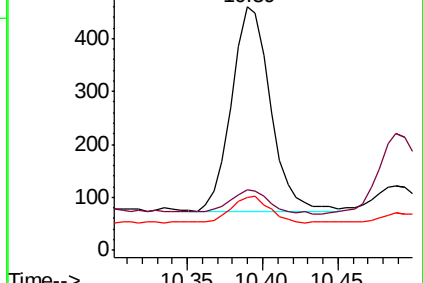
127 21.7 11.1 16.7#



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: 0.090 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

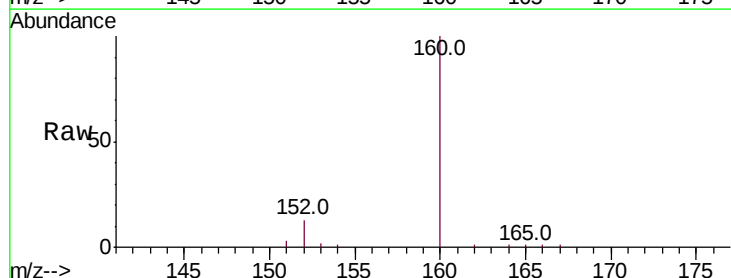
Tgt Ion:152 Resp: 2346

Ion Ratio Lower Upper

152 100

151 22.9 16.2 24.4

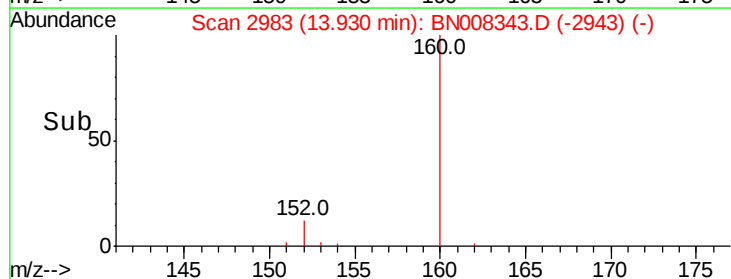
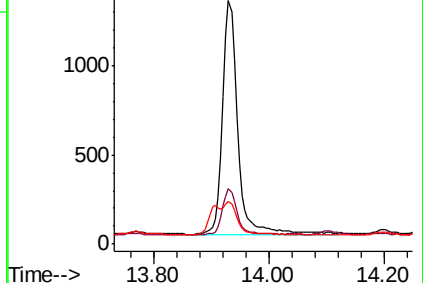
153 17.4 11.0 16.4#

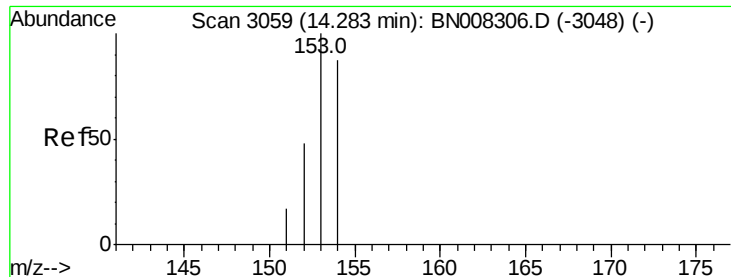


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

Instrument :

BNA_N

ClientSampleId :

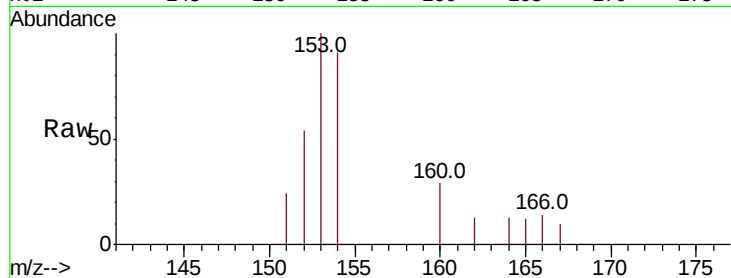
Tot Ion:153 Resp: 786

Ion Ratio Lower Upper

153 100

152 54.5 38.2 57.2

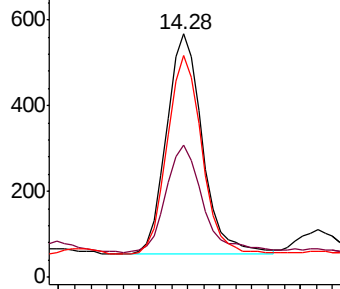
154 91.0 71.8 107.8



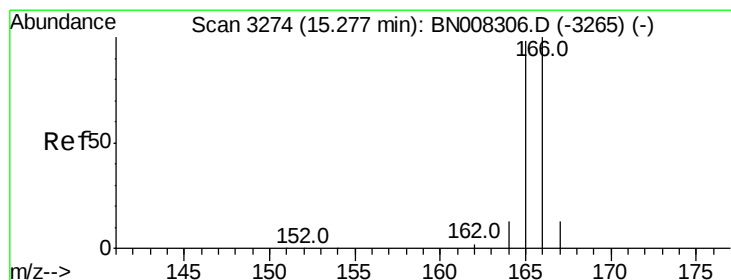
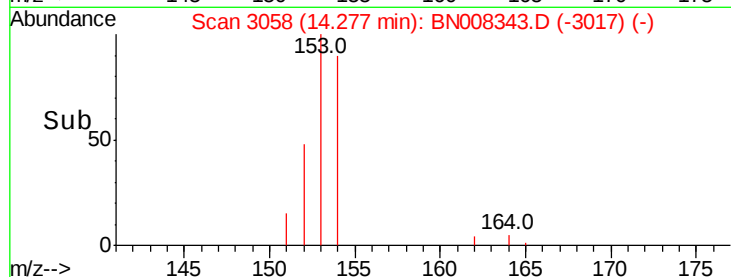
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.056 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

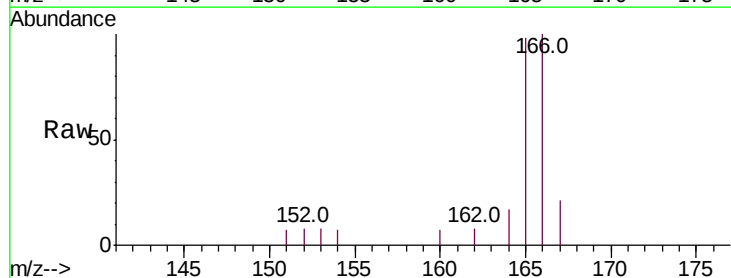
Tgt Ion:166 Resp: 1301

Ion Ratio Lower Upper

166 100

165 97.8 76.6 115.0

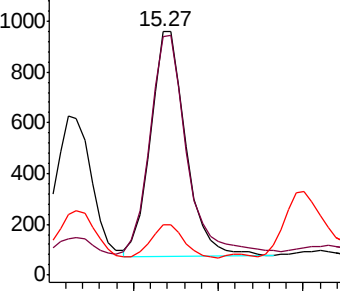
167 20.5 11.7 17.5#



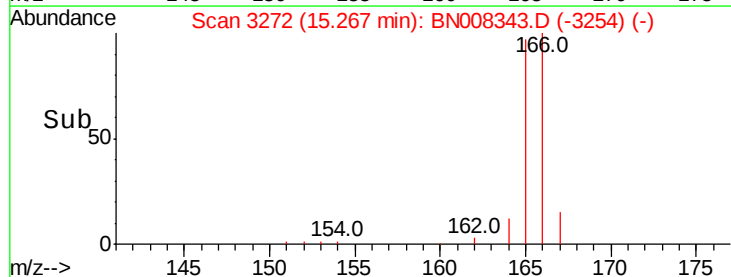
Abundance Ion 166.00 (165.70 to 166.70): E

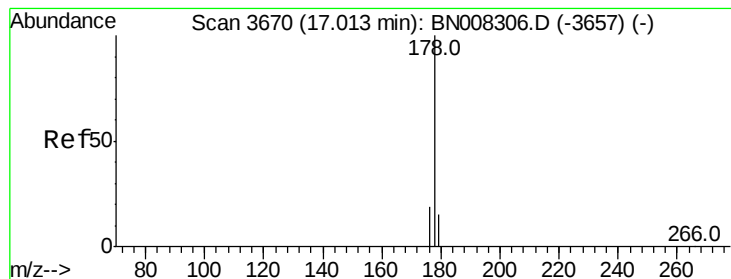
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.742 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

Instrument :

BNA_N

ClientSampleId :

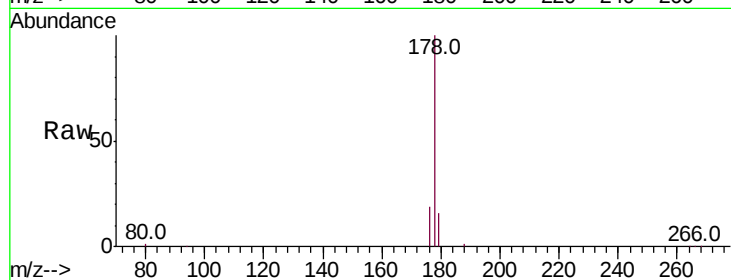
Tot Ion:178 Resp: 26054

Ion Ratio Lower Upper

178 100

179 15.7 12.8 19.2

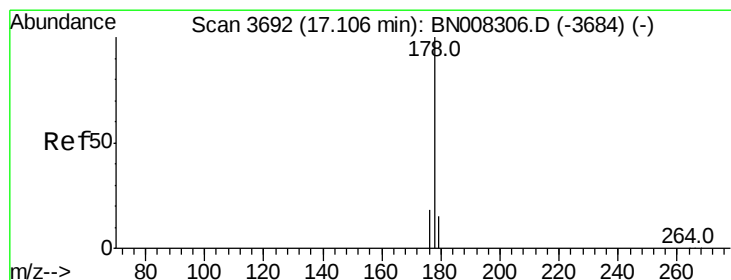
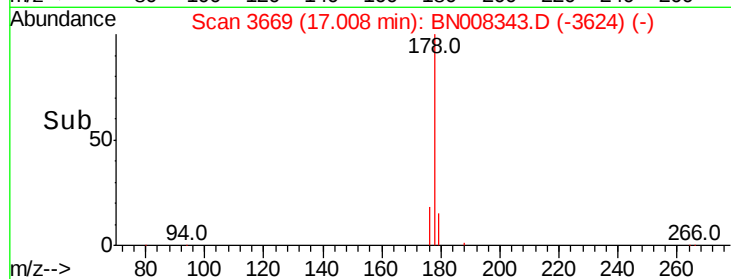
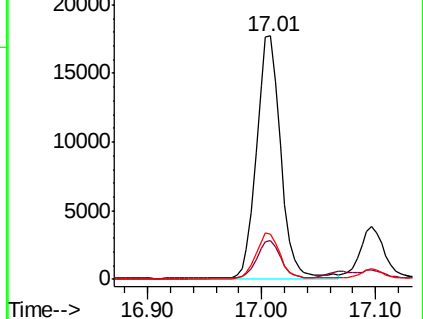
176 18.6 15.4 23.2



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: 0.170 ng/ul

RT: 17.10 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

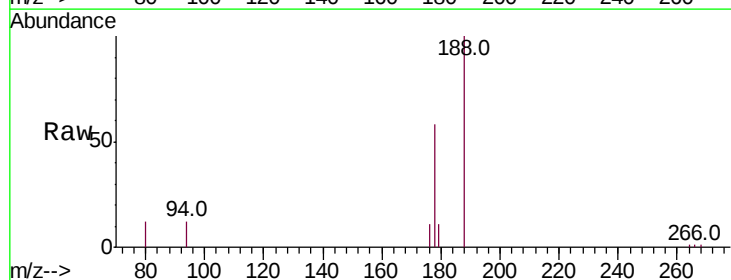
Tgt Ion:178 Resp: 5248

Ion Ratio Lower Upper

178 100

179 18.1 13.0 19.6

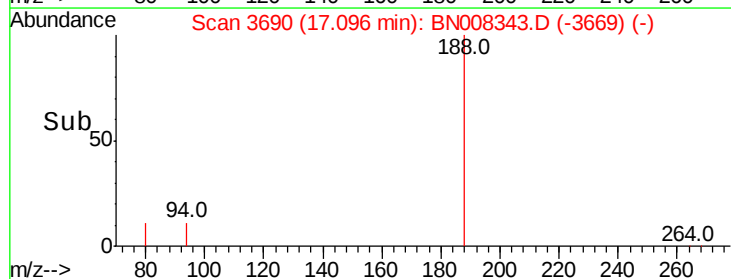
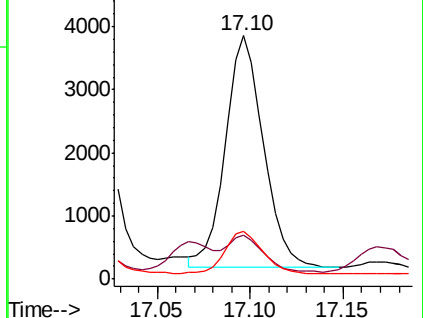
176 19.4 15.0 22.6

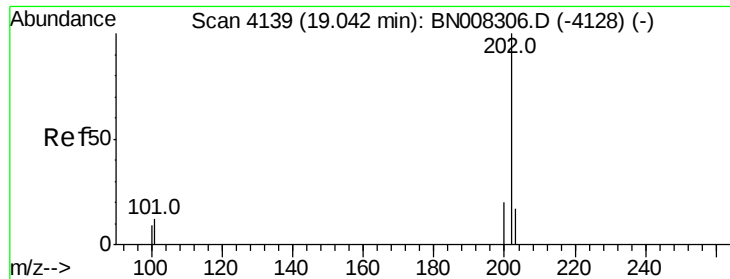


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.343 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

Instrument :

BNA_N

ClientSampleId :

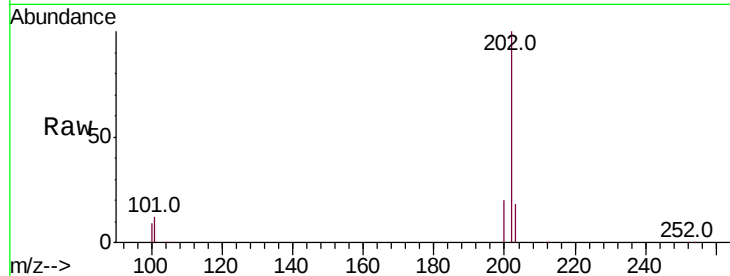
Tot Ion:202 Resp: 62298

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.2

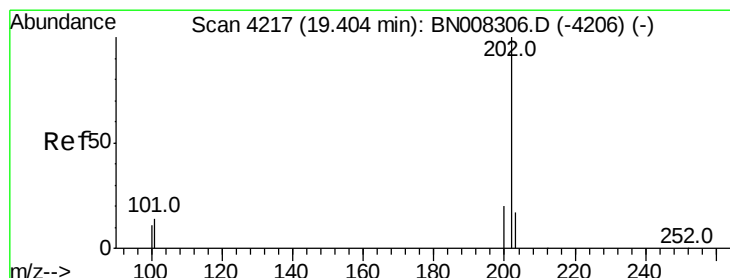
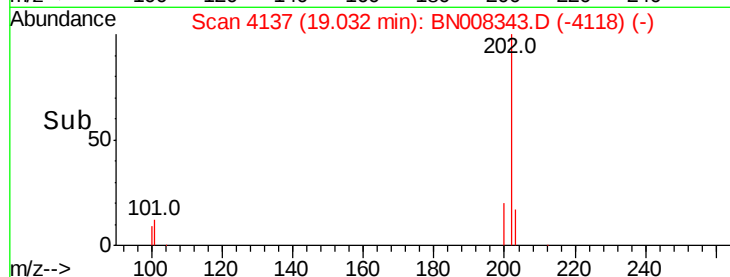
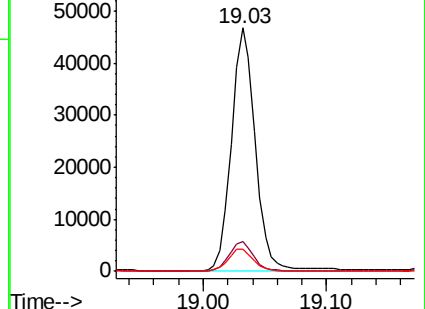
100 9.3 0.0 28.5



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: 1.445 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

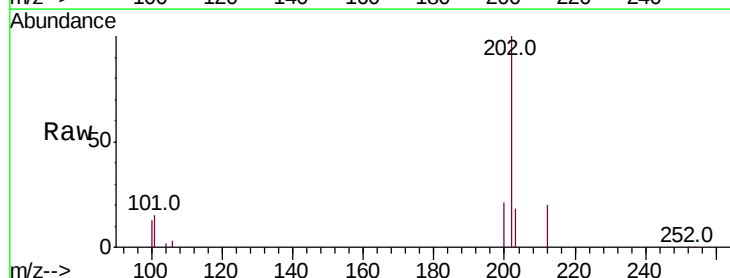
Tgt Ion:202 Resp: 63478

Ion Ratio Lower Upper

202 100

101 14.9 10.9 16.3

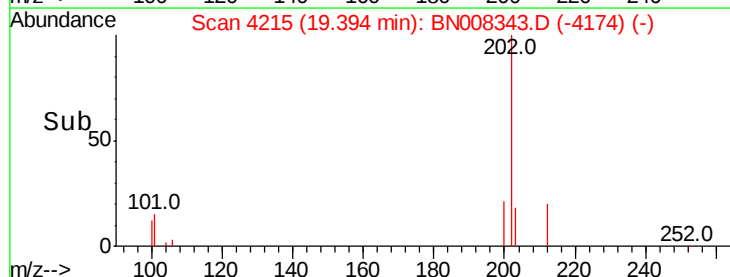
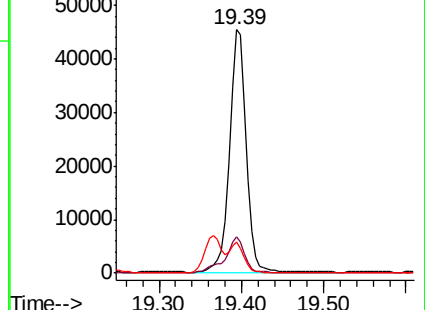
100 12.6 8.7 13.1

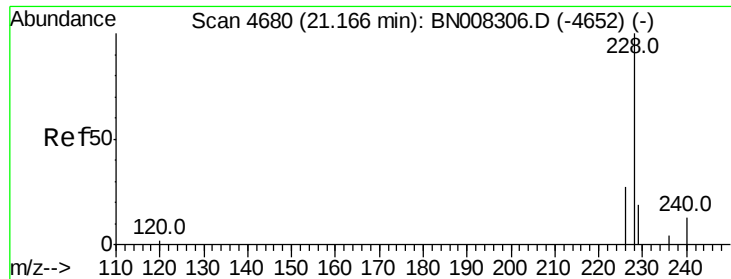


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.846 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

Instrument :

BNA_N

ClientSampleId :

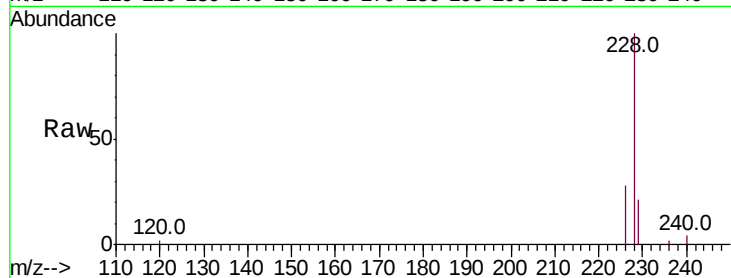
Tot Ion:228 Resp: 33948

Ion Ratio Lower Upper

228 100

229 21.3 16.2 24.2

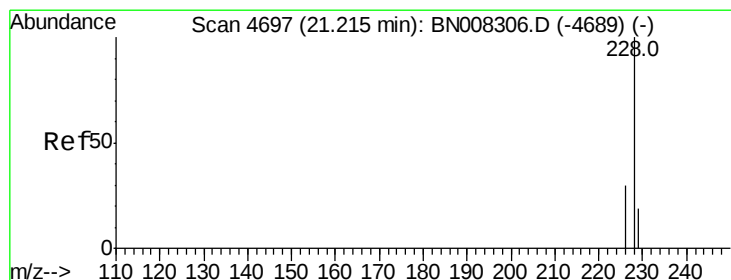
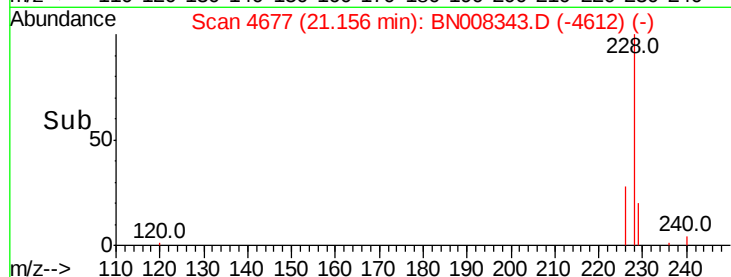
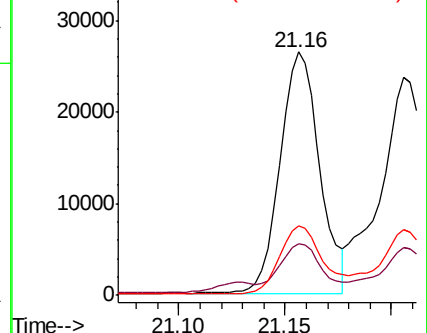
226 28.4 21.4 32.0



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: 0.750 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

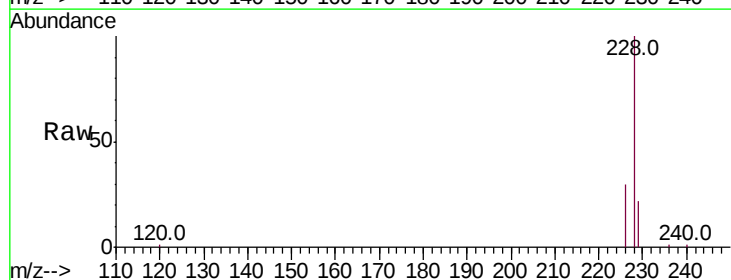
Tgt Ion:228 Resp: 36931

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

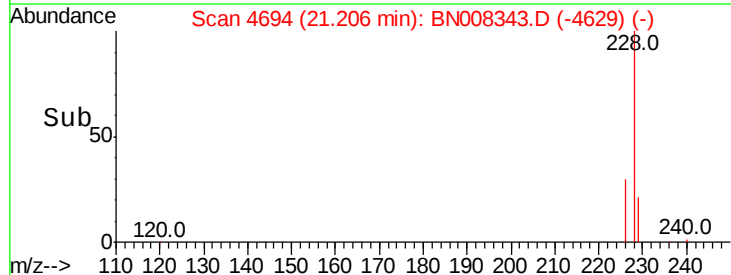
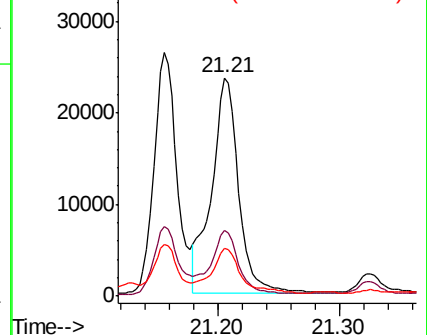
229 21.8 16.2 24.2

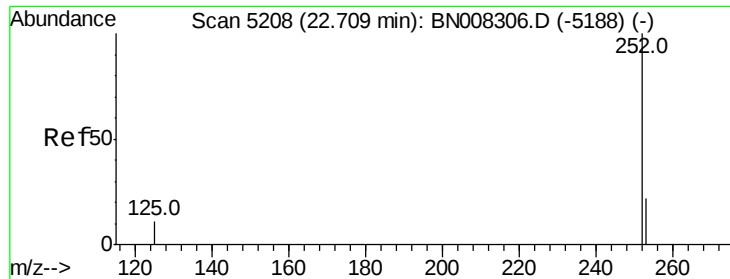


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

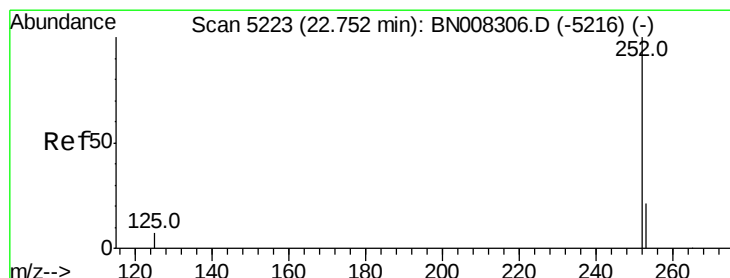
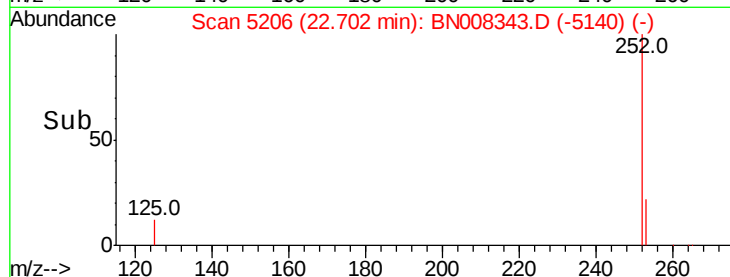
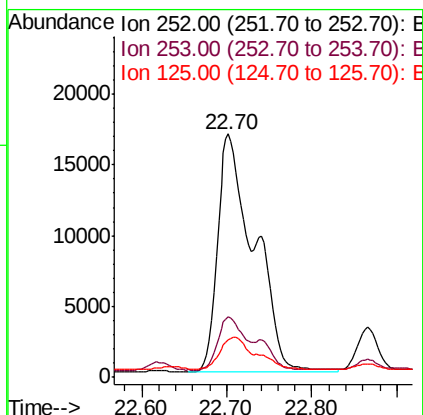
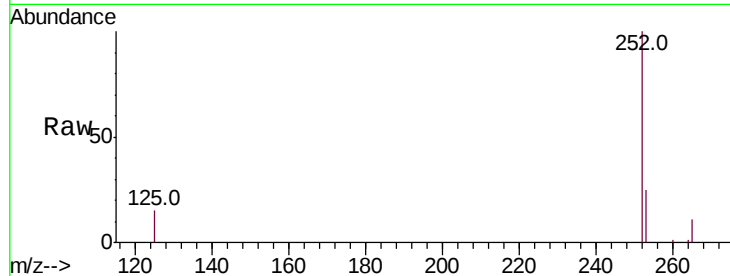




#21
Benzo(b)fluoranthene
Concen: 1.697 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008343.D
Acq: 23 Oct 2019 08:42

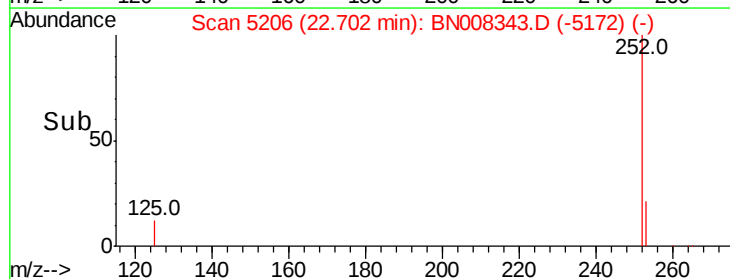
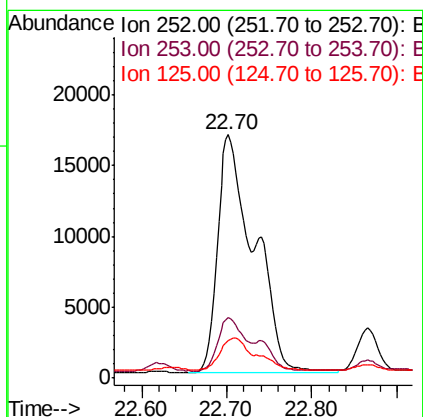
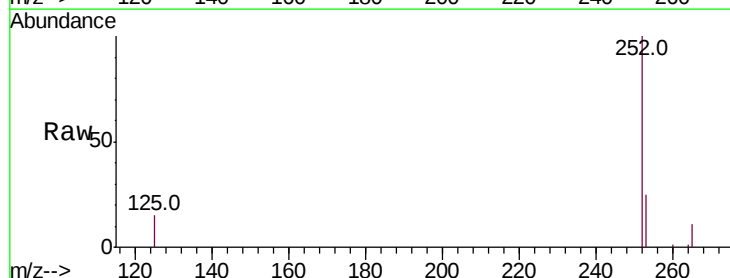
Instrument :
BNA_N
ClientSampled :

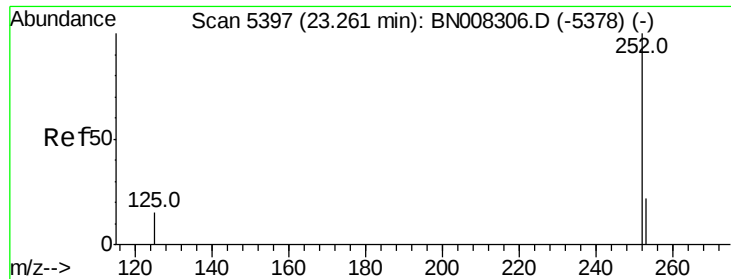
Tot Ion:252 Resp: 50657
Ion Ratio Lower Upper
252 100
253 24.7 0.0 53.4
125 15.3 0.0 32.4



#22
Benzo(k)fluoranthene
Concen: 1.498 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.05 min
Lab File: BN008343.D
Acq: 23 Oct 2019 08:42

Tgt Ion:252 Resp: 50657
Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 15.3 12.3 18.5





#23

Benzo(a)pyrene

Concen: 0.817 ng/ul

RT: 23.25 min Scan# 5393

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

Instrument :

BNA_N

ClientSampleId :

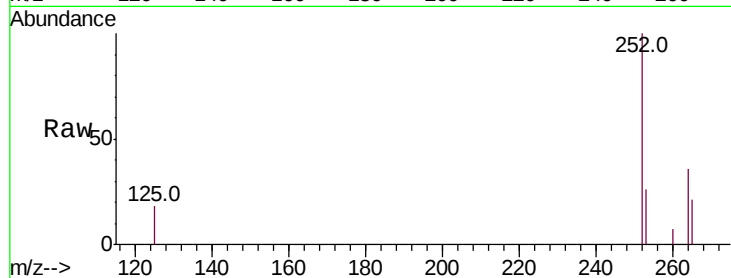
Tot Ion:252 Resp: 25670

Ion Ratio Lower Upper

252 100

253 25.5 22.8 34.2

125 17.7 18.4 27.6#

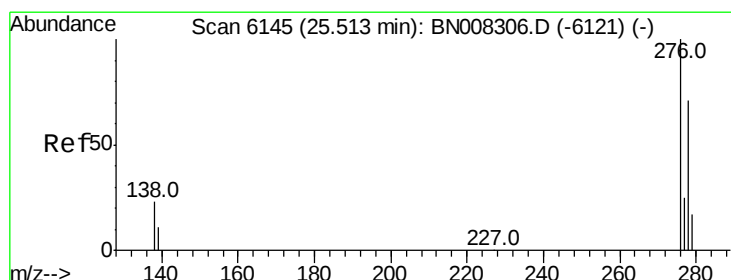
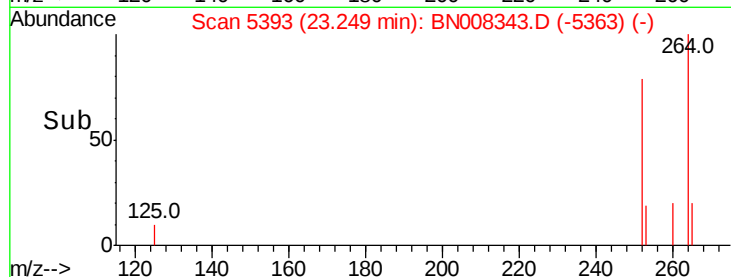
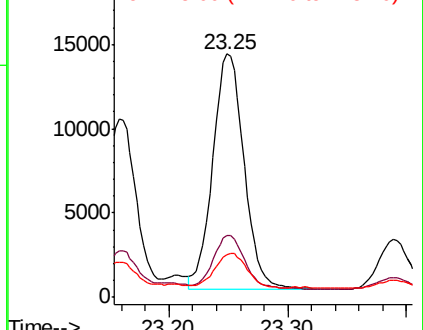


Abundance

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: 0.402 ng/ul

RT: 25.50 min Scan# 6140

Delta R.T. -0.01 min

Lab File: BN008343.D

Acq: 23 Oct 2019 08:42

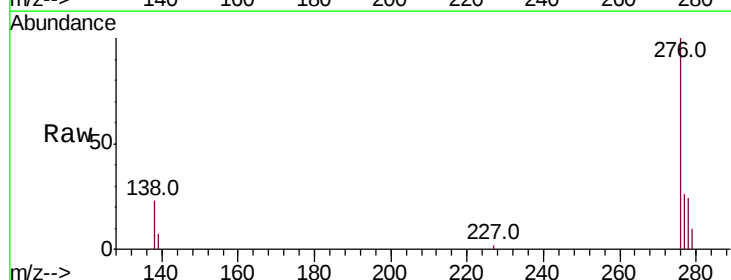
Tgt Ion:276 Resp: 14878

Ion Ratio Lower Upper

276 100

138 19.8 16.1 24.1

227 0.1 0.2 0.2#

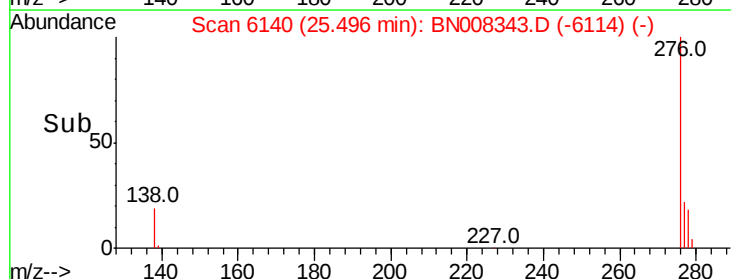
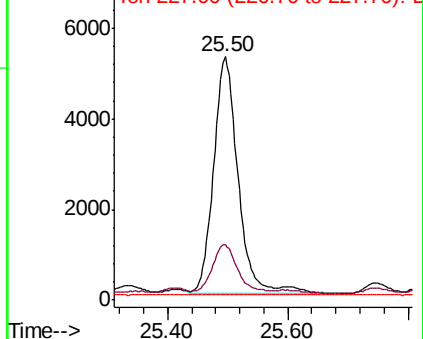


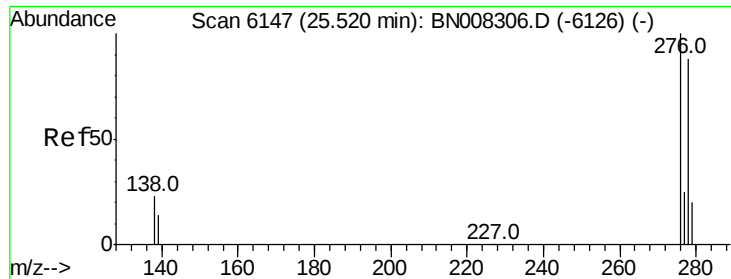
Abundance

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

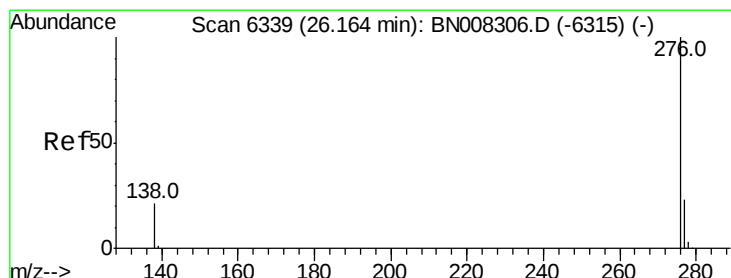
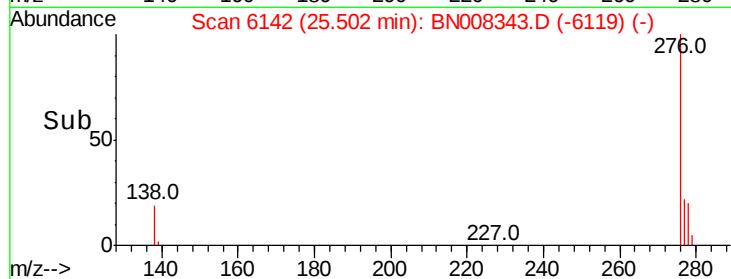
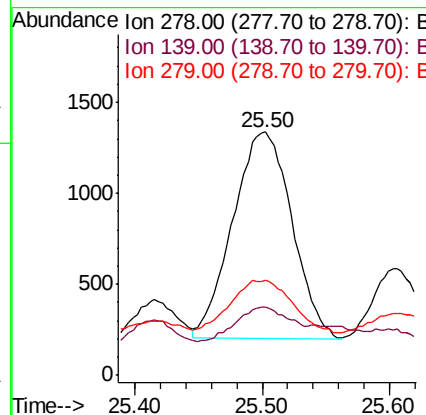
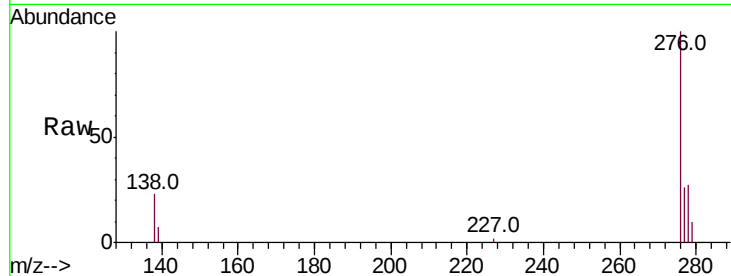




#25
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.02 min
Lab File: BN008343.D
Acq: 23 Oct 2019 08:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 3694
Ion Ratio Lower Upper
278 100
139 27.8 15.0 22.6#
279 38.9 22.4 33.6#



#26
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008343.D
Acq: 23 Oct 2019 08:42

Tgt Ion:276 Resp: 12572
Ion Ratio Lower Upper
276 100
138 23.2 17.0 25.4
277 25.8 20.4 30.6

