

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008400.D
 Acq On : 24 Oct 2019 22:36
 Operator : JU
 Sample : K5236-01DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 00:53:27 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

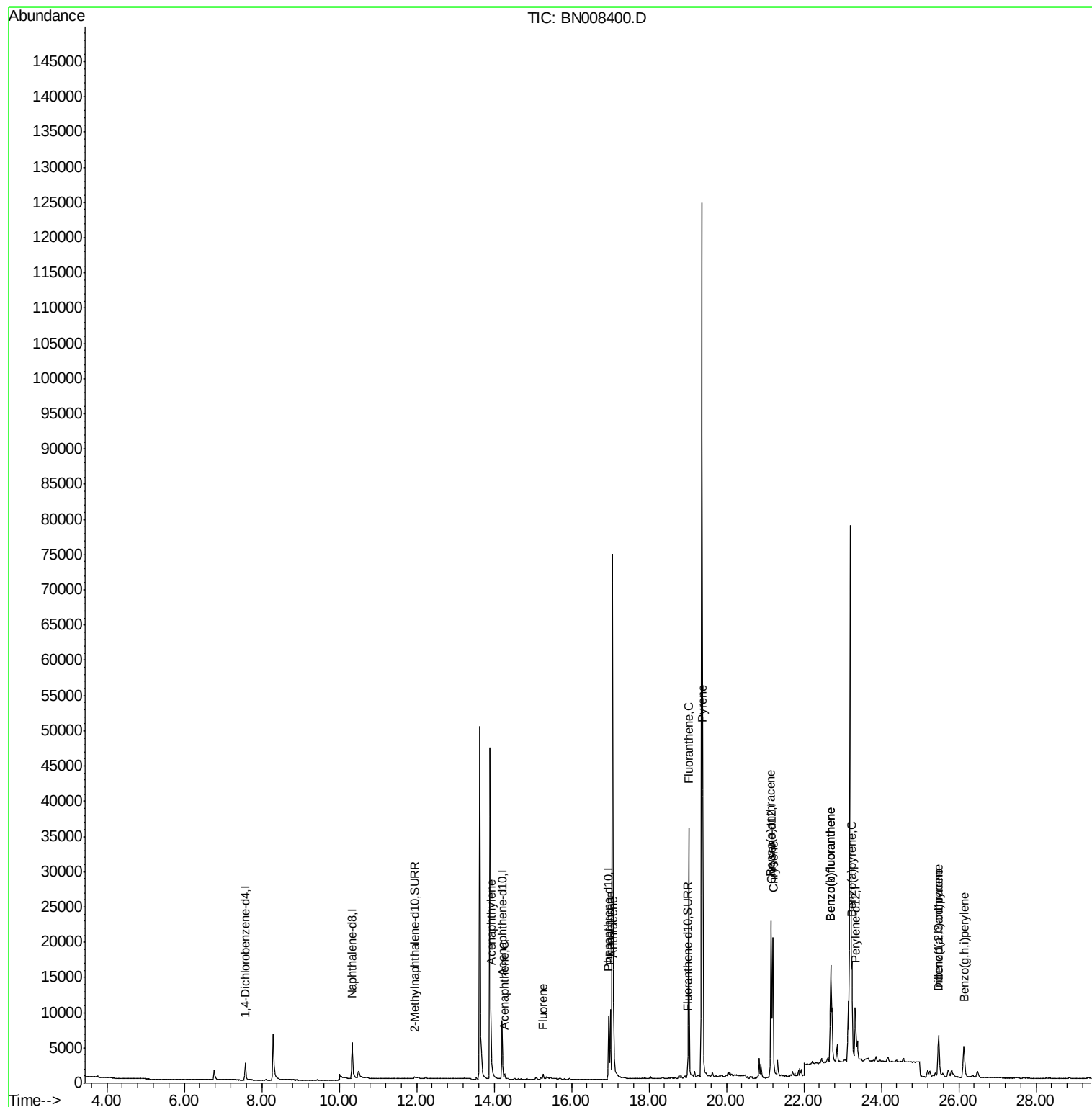
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1574	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	7731	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5051	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10975	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	10680	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	8985	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	456	0.03	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	1516	0.04	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	1667	0.069	ng/ul#	90
8) Acenaphthene	14.27	153	405	0.022	ng/ul#	93
9) Fluorene	15.26	166	575	0.027	ng/ul#	95
12) Phenanthrene	17.00	178	11286	0.351	ng/ul	99
13) Anthracene	17.09	178	2823	0.100	ng/ul#	93
15) Fluoranthene	19.02	202	31943	0.753	ng/ul	96
17) Pyrene	19.39	202	34233	0.805	ng/ul	97
18) Benzo(a)anthracene	21.15	228	19689	0.507	ng/ul	96
19) Chrysene	21.20	228	19851	0.417	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	31032	1.061	ng/ul	98
22) Benzo(k)fluoranthene	22.69	252	31032	0.937	ng/ul	98
23) Benzo(a)pyrene	23.24	252	15536	0.505	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	9692	0.267	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	2322	0.081	ng/ul#	75
26) Benzo(g,h,i)perylene	26.13	276	9576	0.288	ng/ul	96

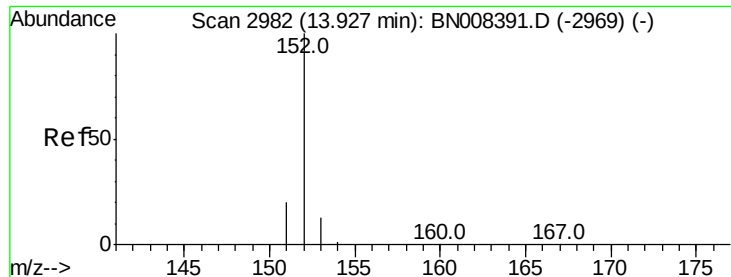
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.069 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Instrument :

BNA_N

ClientSampleId :

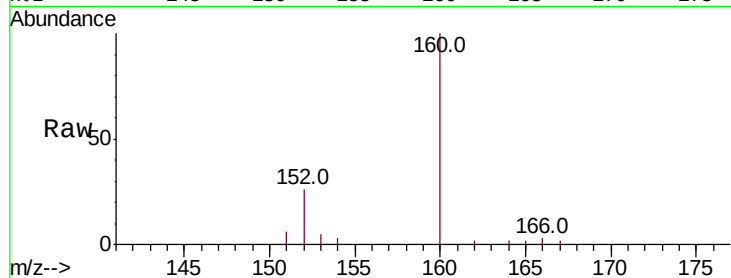
Tot Ion:152 Resp: 1667

Ion Ratio Lower Upper

152 100

151 24.3 16.2 24.4

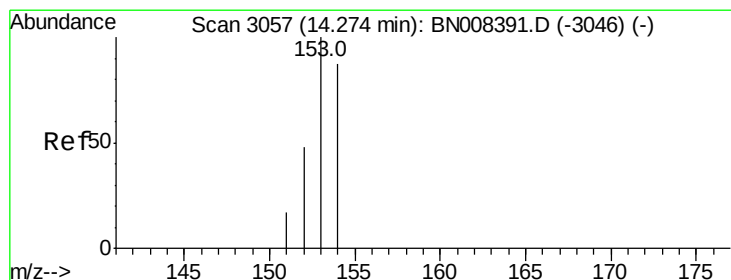
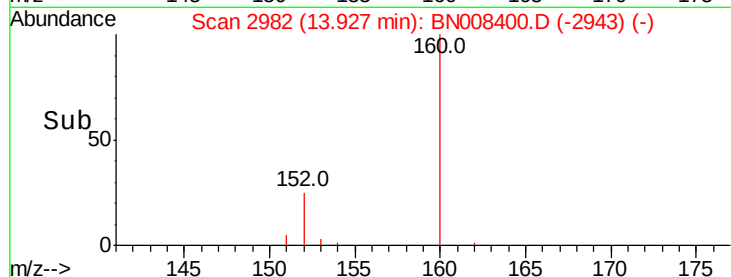
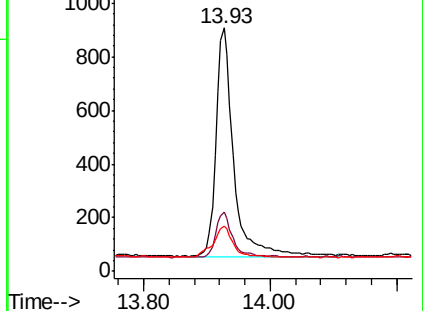
153 18.5 11.0 16.4#



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: 0.022 ng/ul

RT: 14.27 min Scan# 3056

Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

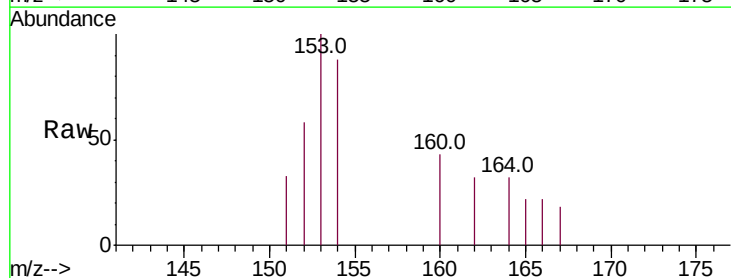
Tgt Ion:153 Resp: 405

Ion Ratio Lower Upper

153 100

152 58.4 38.2 57.2#

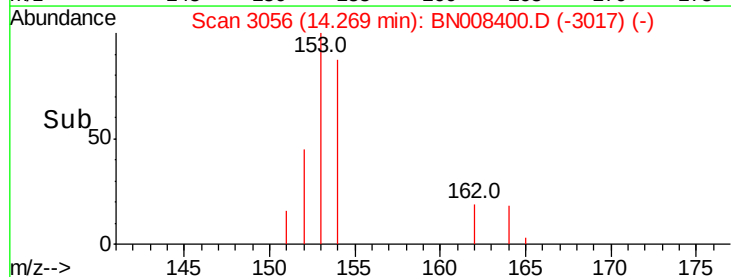
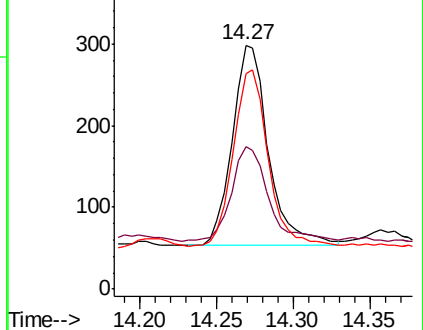
154 88.3 71.8 107.8

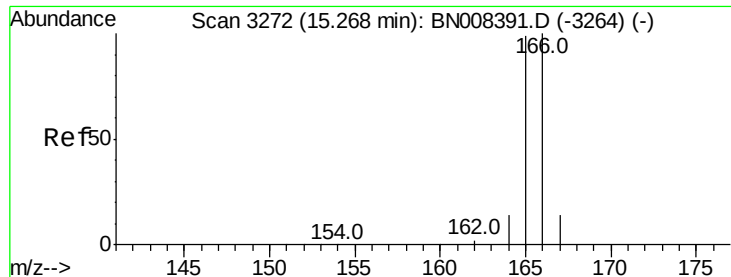


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

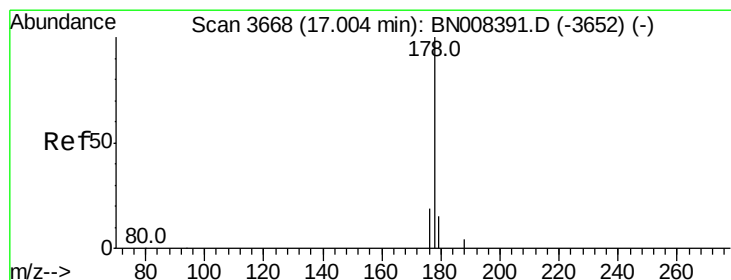
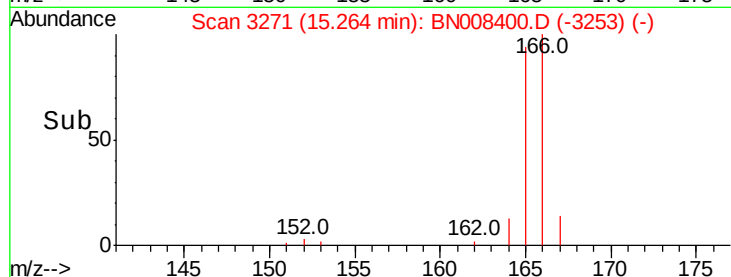
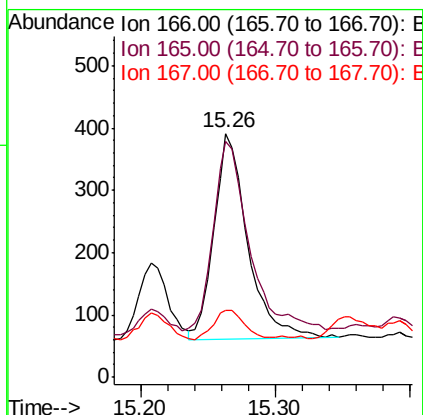
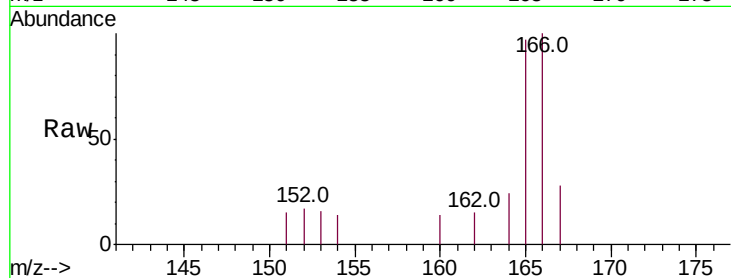




#9
Fluorene
Concen: 0.027 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

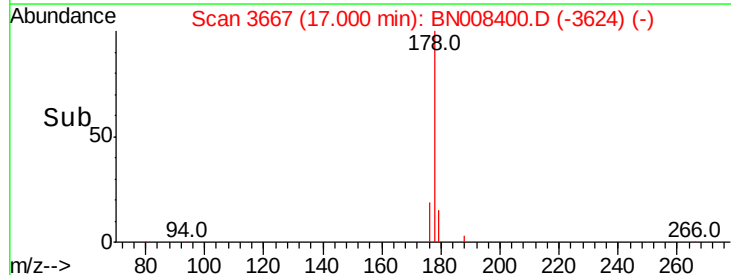
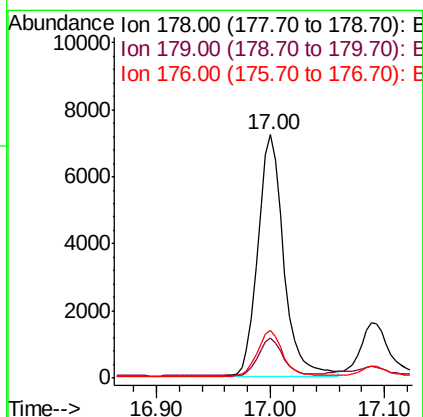
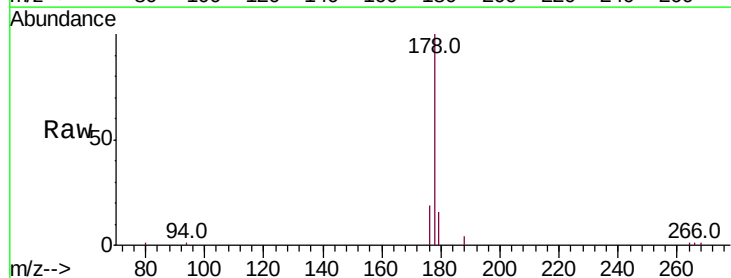
Instrument :
BNA_N
ClientSampleId :

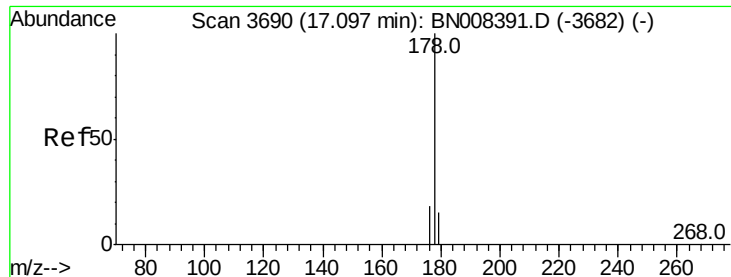
Tot Ion:166 Resp: 575
Ion Ratio Lower Upper
166 100
165 96.9 76.6 115.0
167 27.6 11.7 17.5#



#12
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Tgt Ion:178 Resp: 11286
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.5 15.4 23.2





#13

Anthracene

Concen: 0.100 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Instrument :

BNA_N

ClientSampled :

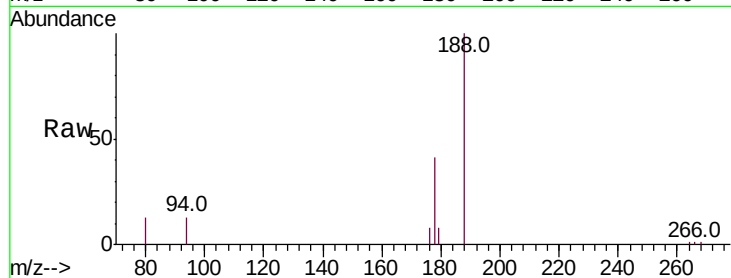
Tot Ion:178 Resp: 2823

Ion Ratio Lower Upper

178 100

179 20.6 13.0 19.6#

176 20.5 15.0 22.6

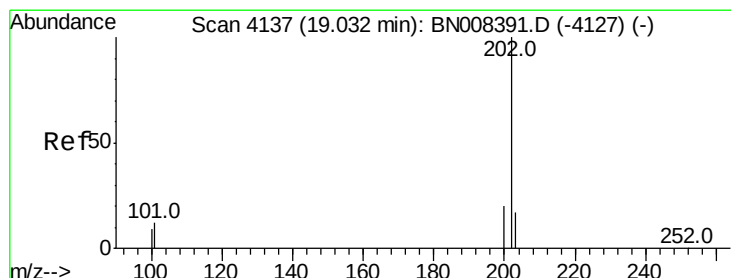
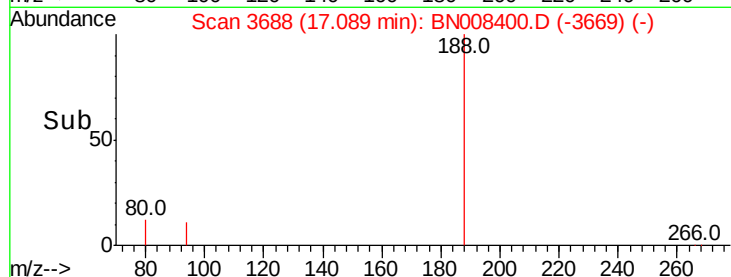
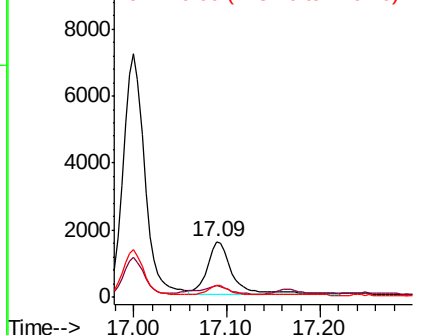


Abundance

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: 0.753 ng/ul

RT: 19.02 min Scan# 4135

Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

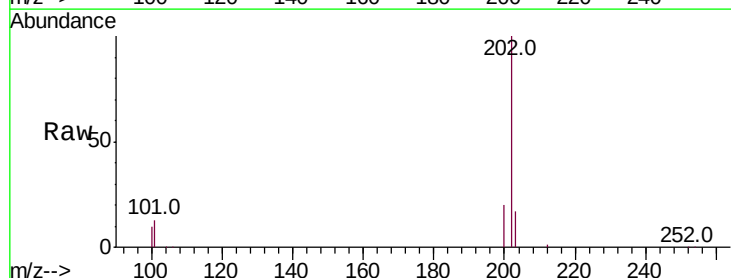
Tgt Ion:202 Resp: 31943

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.2

100 9.8 0.0 28.5

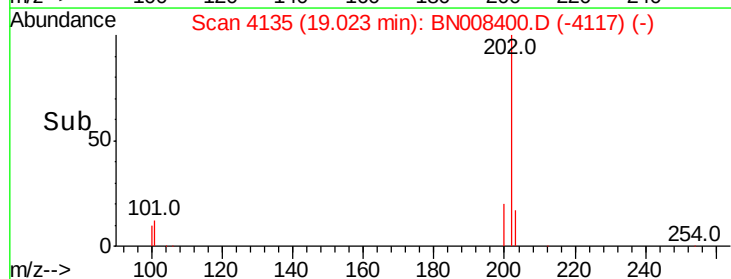
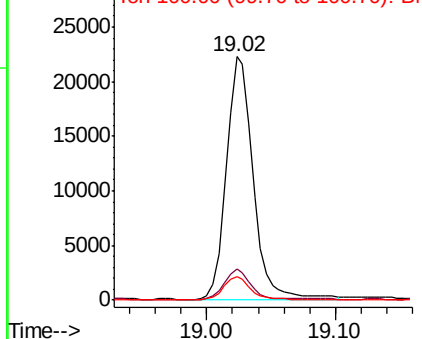


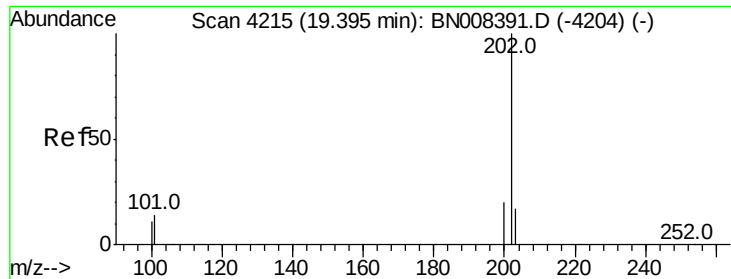
Abundance

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

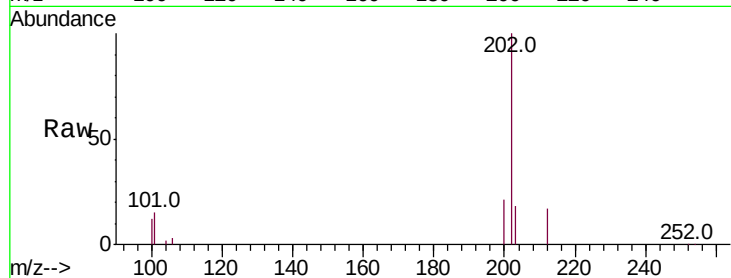




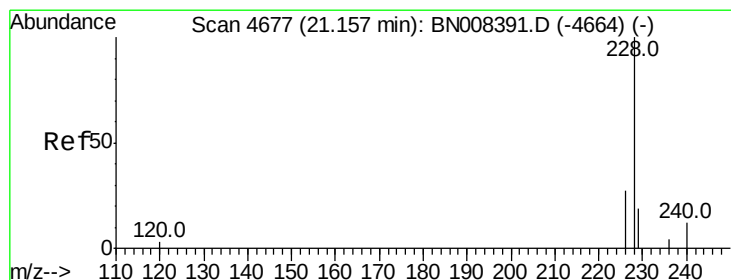
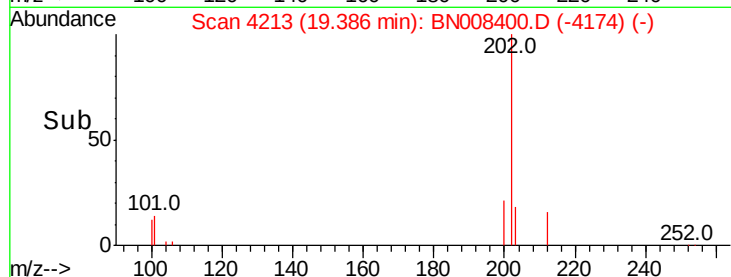
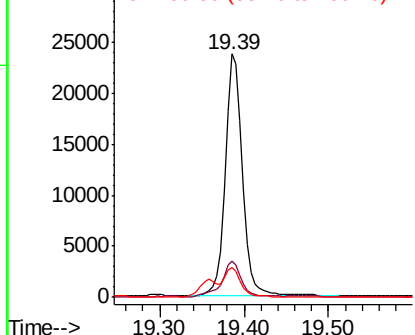
#17
Pvrene
Concen: 0.805 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 34233
Ion Ratio Lower Upper
202 100
101 14.8 10.9 16.3
100 12.4 8.7 13.1

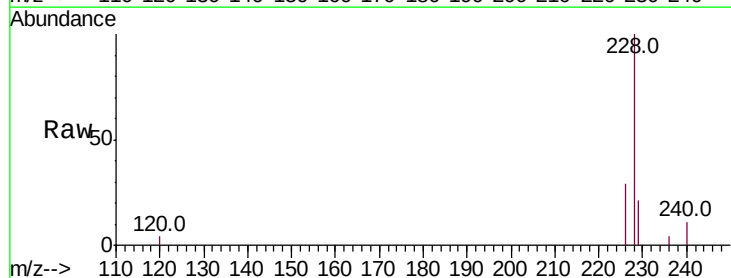


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

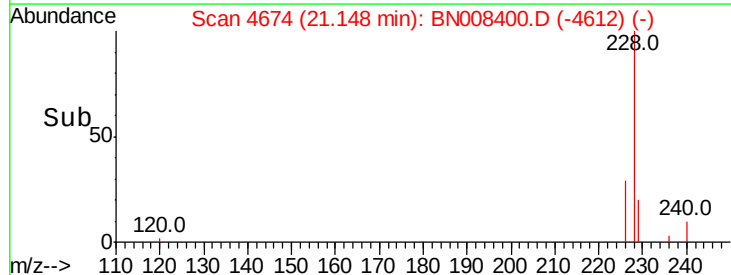
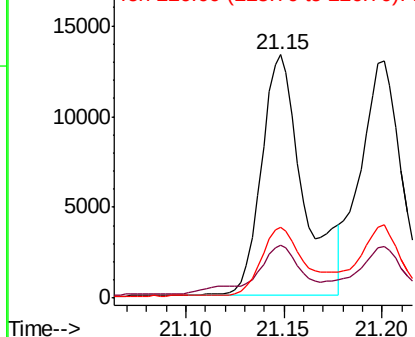


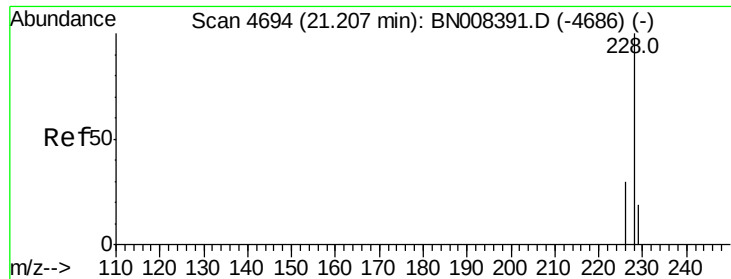
#18
Benzo(a)anthracene
Concen: 0.507 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Tgt Ion:228 Resp: 19689
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 29.3 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: 0.417 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Instrument :

BNA_N

ClientSampleId :

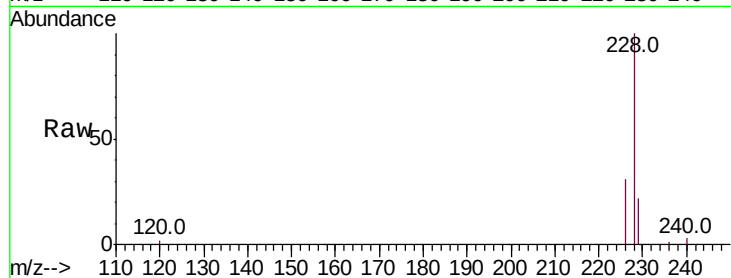
Tot Ion:228 Resp: 19851

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

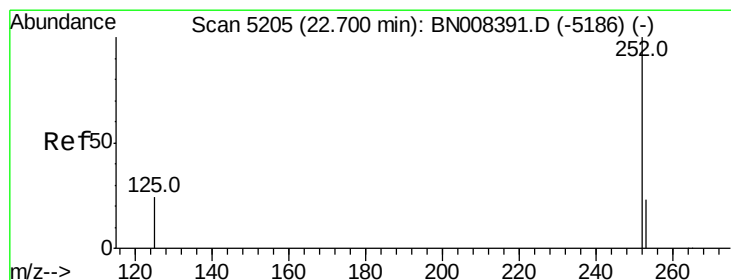
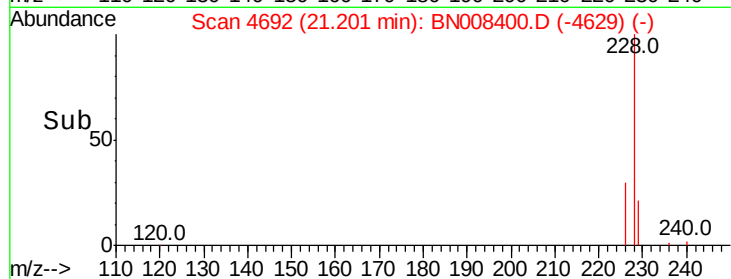
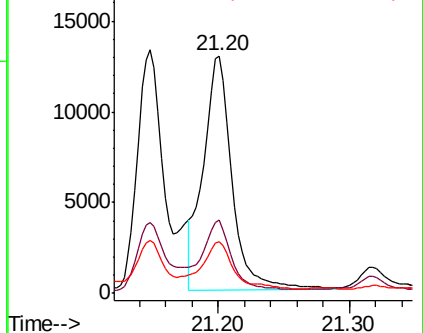
229 22.0 16.2 24.2



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: 1.061 ng/ul

RT: 22.69 min Scan# 5201

Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

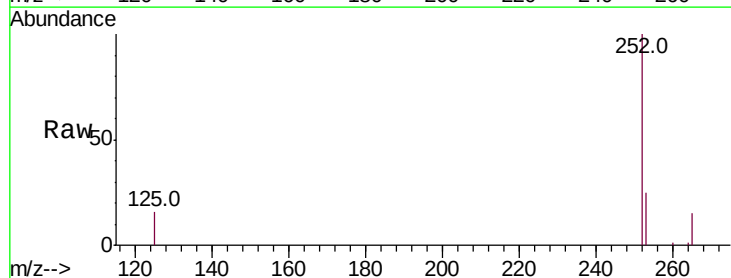
Tgt Ion:252 Resp: 31032

Ion Ratio Lower Upper

252 100

253 25.4 0.0 53.4

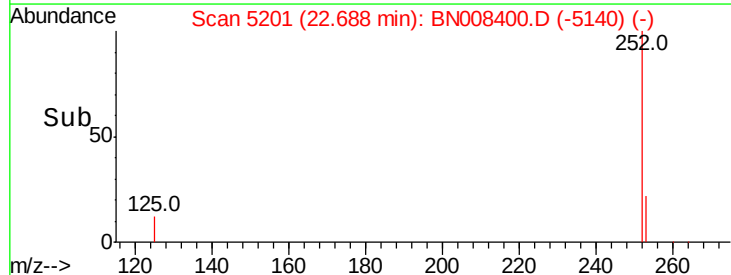
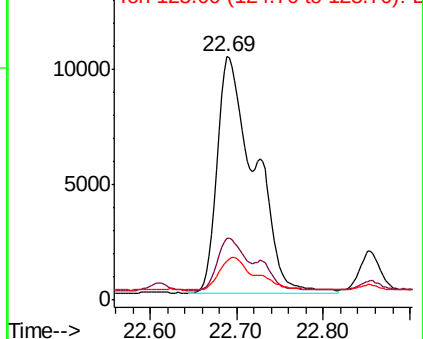
125 16.1 0.0 32.4

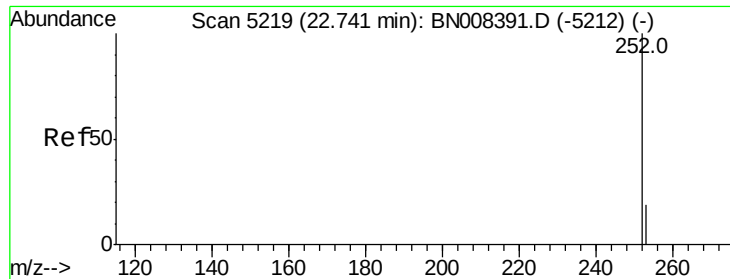


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

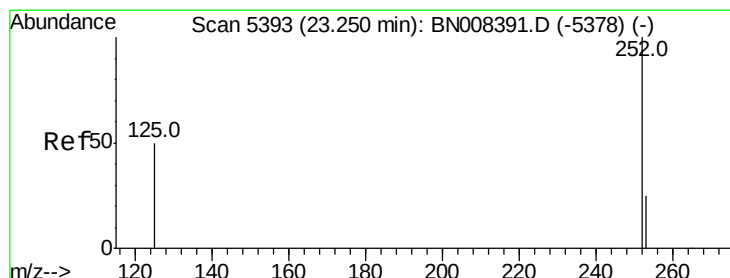
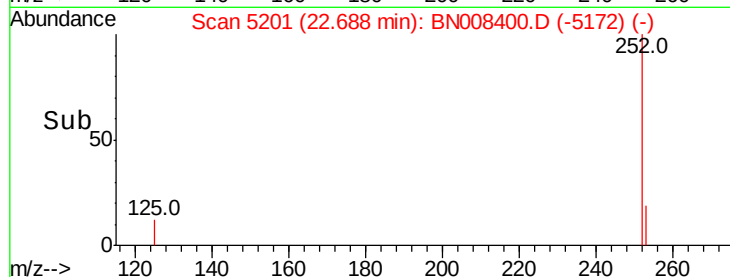
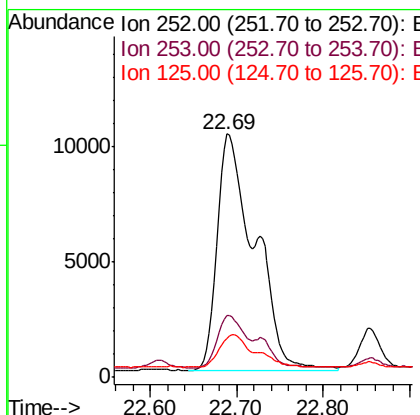
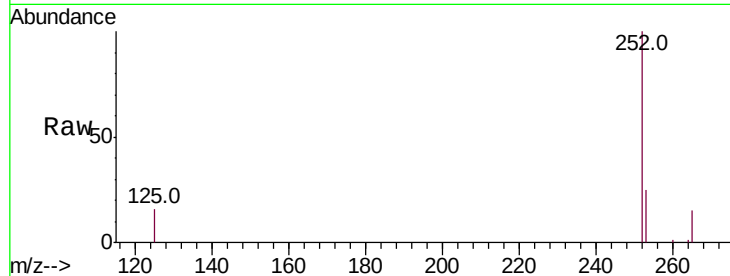




#22
Benzo(k)fluoranthene
Concen: 0.937 ng/ul
RT: 22.69 min Scan# 5201
Delta R.T. -0.06 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

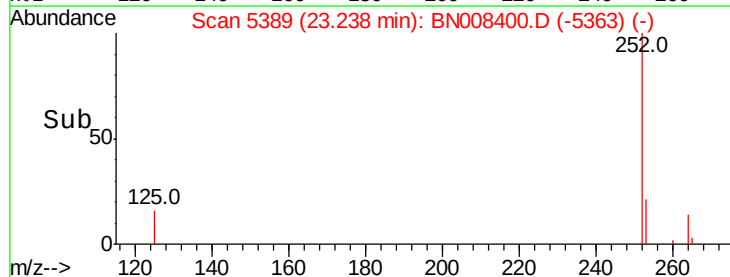
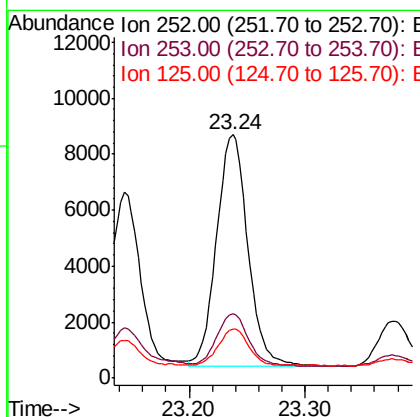
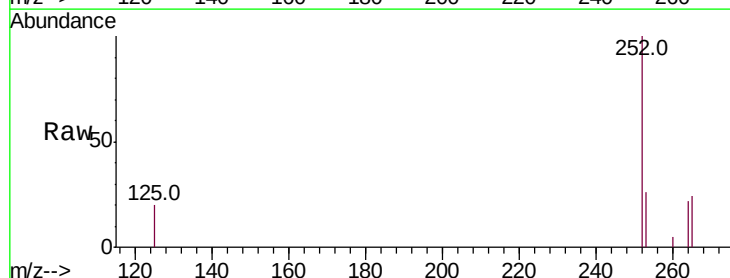
Instrument :
BNA_N
ClientSampleId :

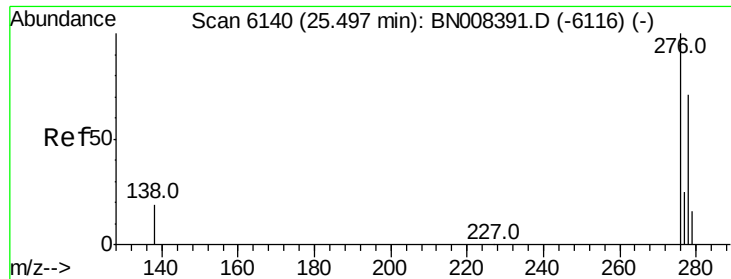
Tot Ion:252 Resp: 31032
Ion Ratio Lower Upper
252 100
253 25.4 21.3 31.9
125 16.1 12.3 18.5



#23
Benzo(a)pyrene
Concen: 0.505 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Tgt Ion:252 Resp: 15536
Ion Ratio Lower Upper
252 100
253 26.4 22.8 34.2
125 20.2 18.4 27.6



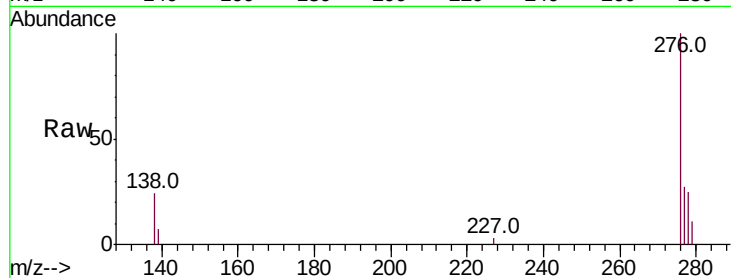


#24

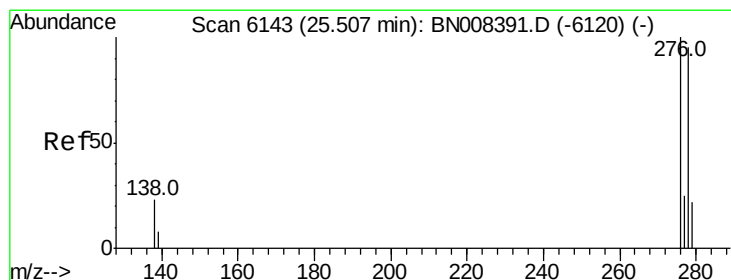
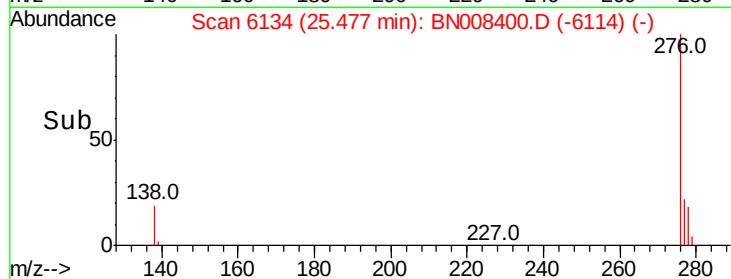
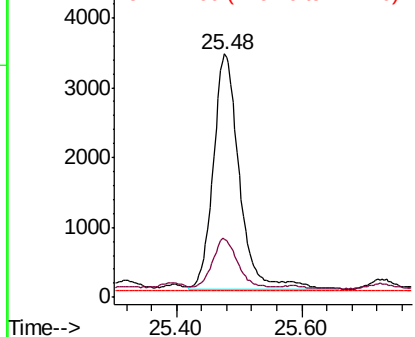
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 25.48 min Scan# 6134
Delta R.T. -0.03 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 9692
Ion Ratio Lower Upper
276 100
138 19.9 16.1 24.1
227 0.1 0.2 0.2#



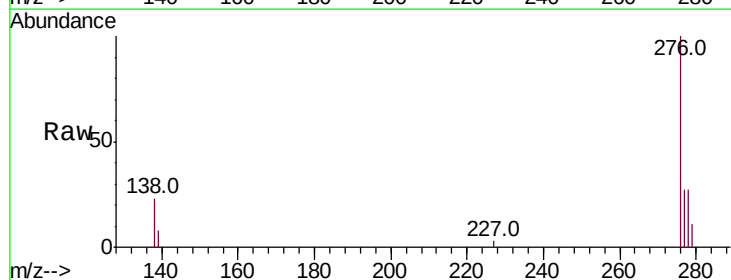
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



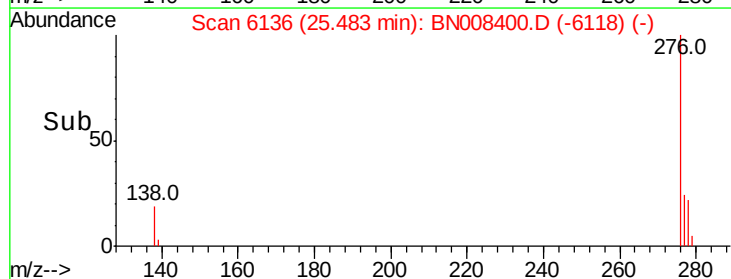
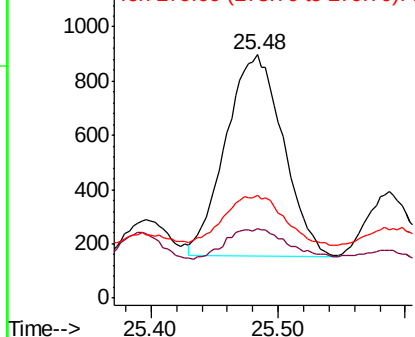
#25

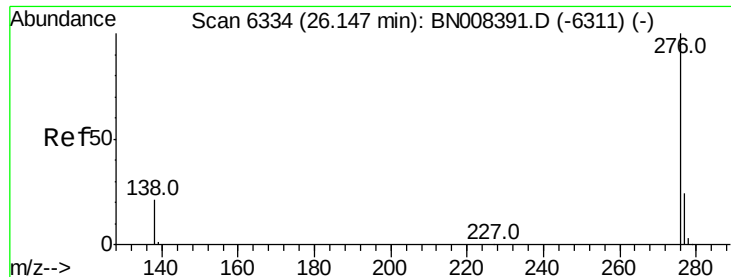
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.04 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Tgt Ion:278 Resp: 2322
Ion Ratio Lower Upper
278 100
139 28.7 15.0 22.6#
279 42.1 22.4 33.6#



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(a,h,i)perylene

Concen: 0.288 ng/ul

RT: 26.13 min Scan# 6330

Delta R.T. -0.03 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Instrument :

BNA_N

ClientSampleId :

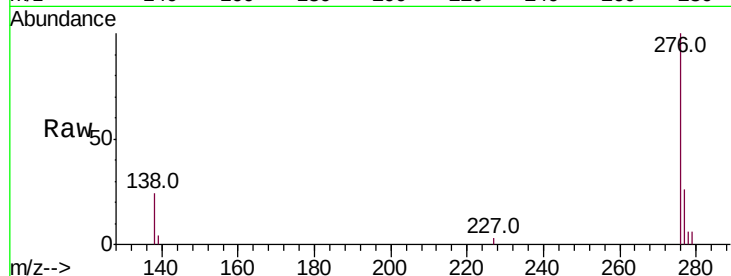
Tot Ion:276 Resp: 9576

Ion Ratio Lower Upper

276 100

138 24.2 17.0 25.4

277 26.3 20.4 30.6



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

