

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008406.D
 Acq On : 25 Oct 2019 02:10
 Operator : JU
 Sample : K5236-04DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 25 03:02:17 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

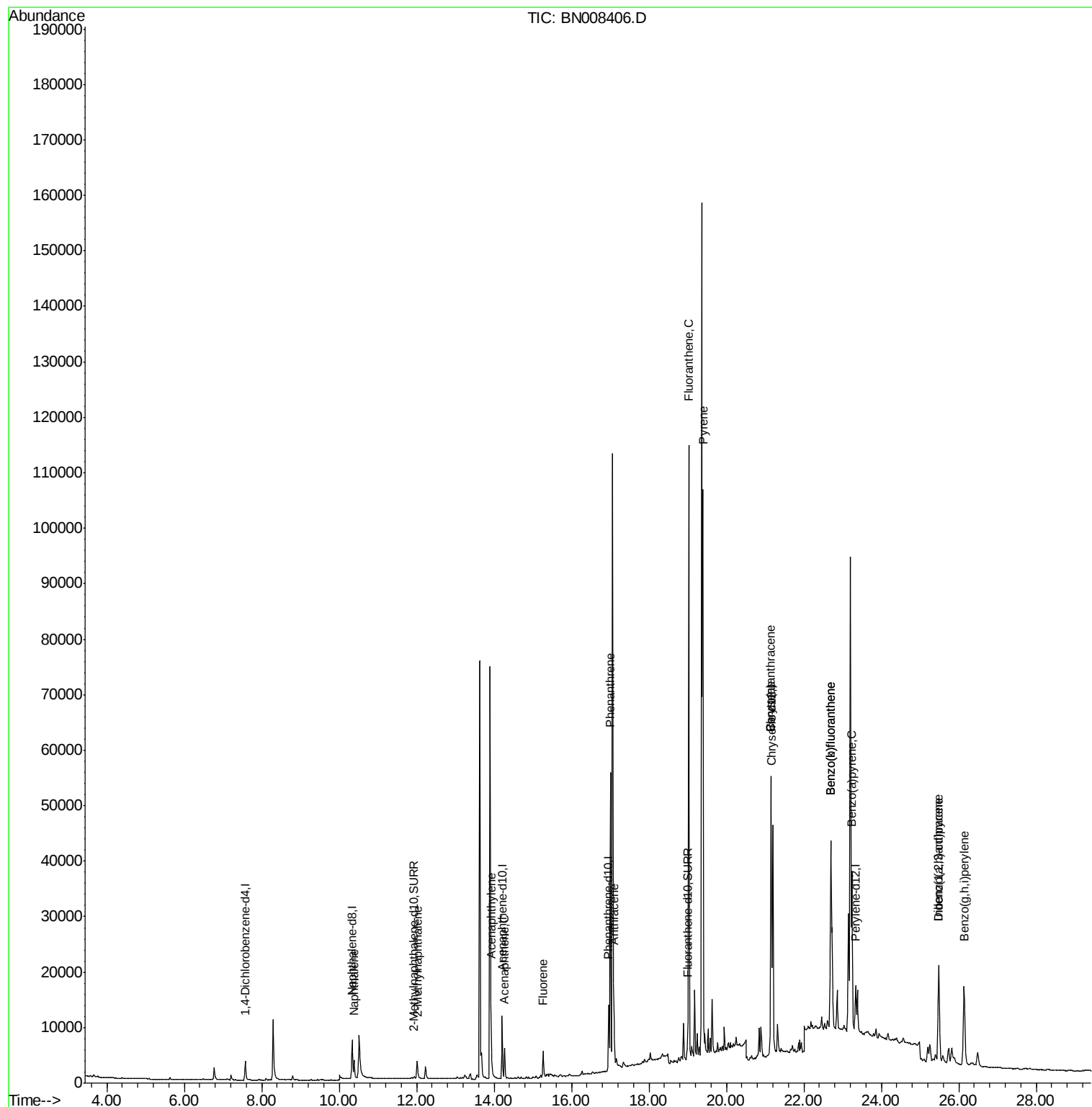
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1998	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	9854	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	6479	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	13750	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	11679	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	9822	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	667	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	1940	0.04	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	4643	0.166	ng/ul	97
5) 2-Methylnaphthalene	12.01	142	2804	0.146	ng/ul	100
7) Acenaphthylene	13.93	152	6213	0.201	ng/ul	97
8) Acenaphthene	14.27	153	3264	0.136	ng/ul	97
9) Fluorene	15.26	166	3346	0.123	ng/ul#	95
12) Phenanthrene	17.00	178	58775	1.460	ng/ul	100
13) Anthracene	17.09	178	11570	0.327	ng/ul	95
15) Fluoranthene	19.03	202	97504	1.834	ng/ul	100
17) Pyrene	19.39	202	81339	1.749	ng/ul	100
18) Benzo(a)anthracene	21.15	228	40856	0.962	ng/ul	93
19) Chrysene	21.15	228	40856	0.784	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	73948	2.313	ng/ul	86
22) Benzo(k)fluoranthene	22.69	252	73948	2.042	ng/ul#	86
23) Benzo(a)pyrene	23.24	252	34340	1.021	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.48	276	28152	0.710	ng/ul	98
25) Dibenzo(a,h)anthracene	25.48	278	6083	0.194	ng/ul#	49
26) Benzo(a,h,i)perylene	26.14	276	28696	0.790	ng/ul#	94

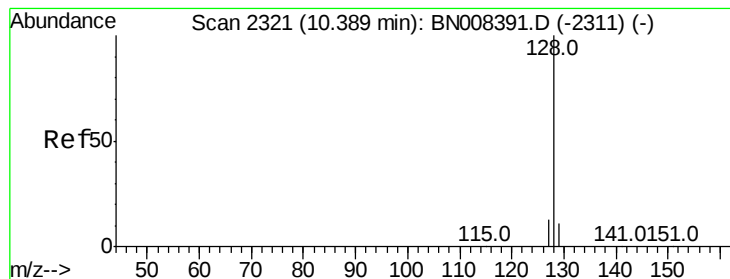
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:07:55 2019
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#3

Naphthalene

Concen: 0.166 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

Instrument :

BNA_N

ClientSampleId :

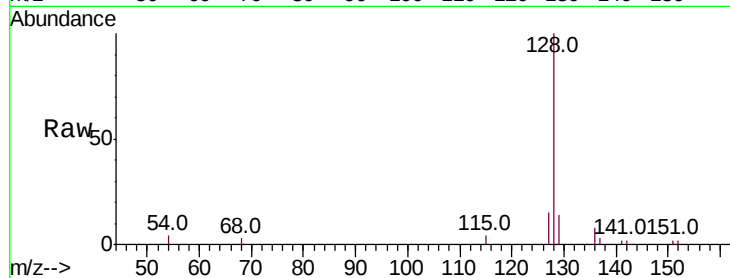
Tot Ion:128 Resp: 4643

Ion Ratio Lower Upper

128 100

129 13.7 9.8 14.8

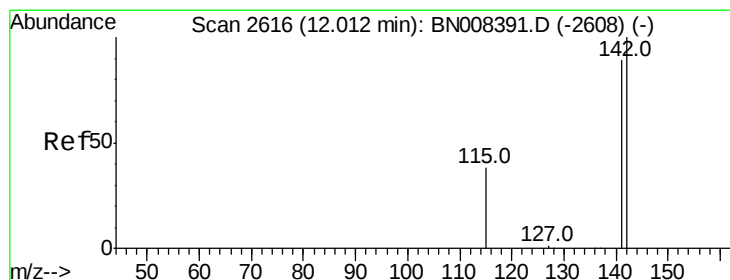
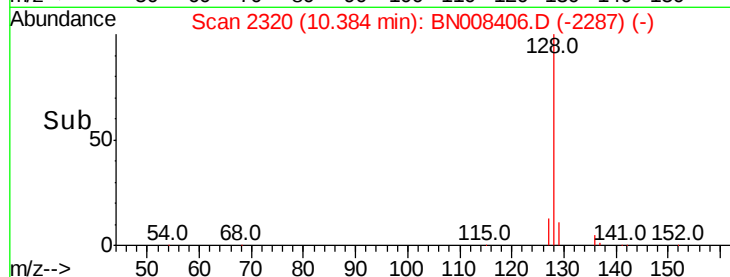
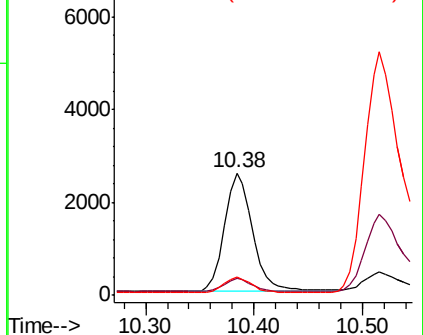
127 14.8 11.1 16.7



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



#5

2-Methylnaphthalene

Concen: 0.146 ng/ul

RT: 12.01 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BN008406.D

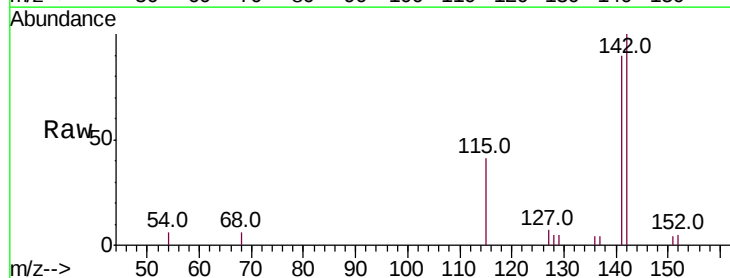
Acq: 25 Oct 2019 02:10

Tgt Ion:142 Resp: 2804

Ion Ratio Lower Upper

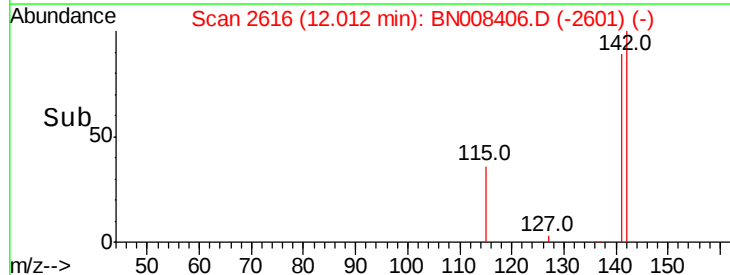
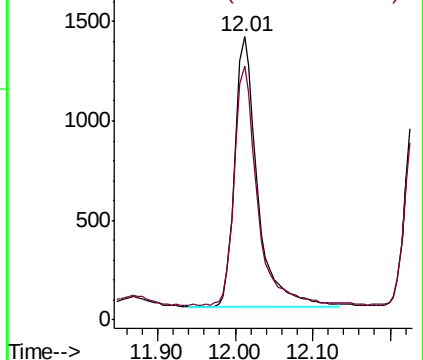
142 100

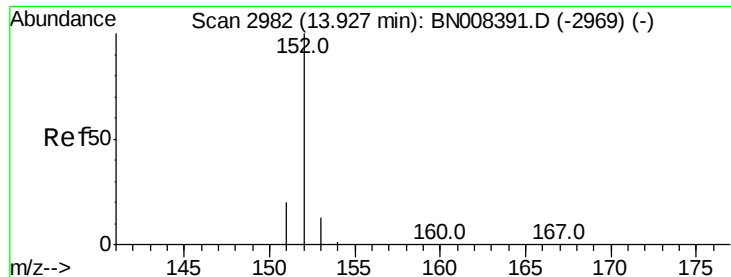
141 89.6 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.201 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

Instrument :

BNA_N

ClientSampleId :

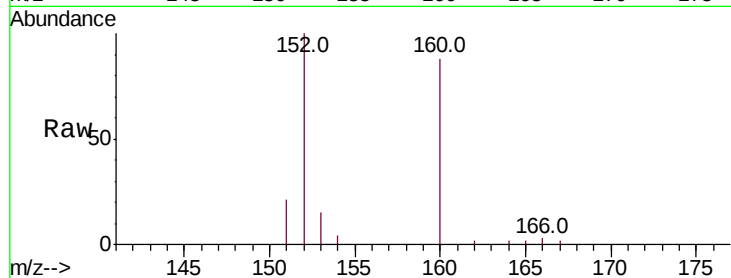
Tot Ion:152 Resp: 6213

Ion Ratio Lower Upper

152 100

151 21.4 16.2 24.4

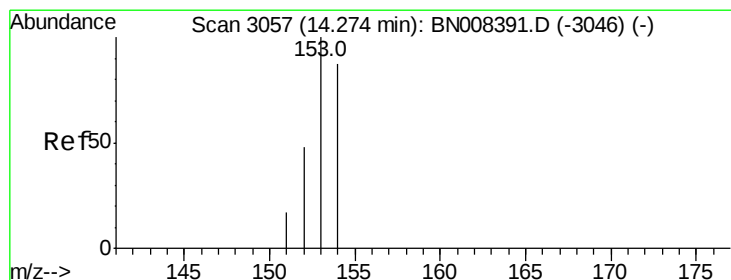
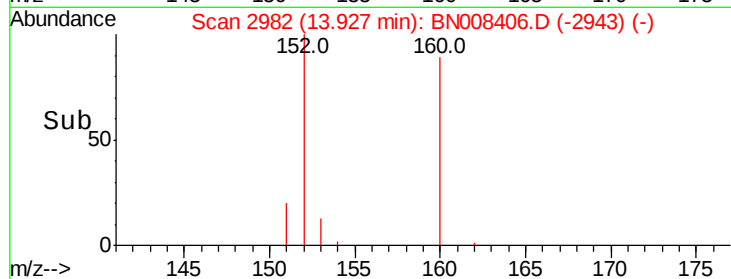
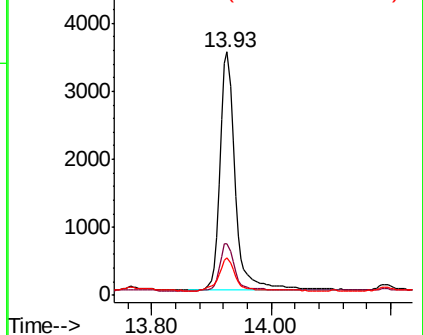
153 15.4 11.0 16.4



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: 0.136 ng/ul

RT: 14.27 min Scan# 3056

Delta R.T. -0.02 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

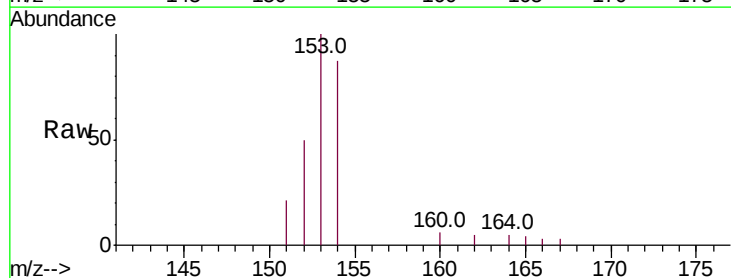
Tgt Ion:153 Resp: 3264

Ion Ratio Lower Upper

153 100

152 50.0 38.2 57.2

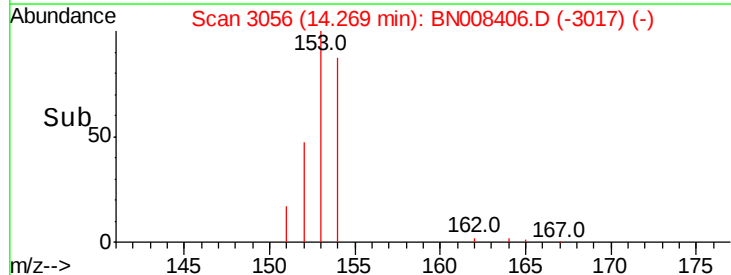
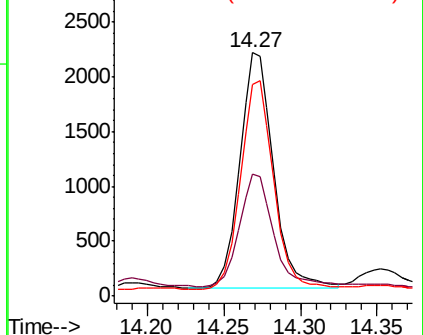
154 86.7 71.8 107.8

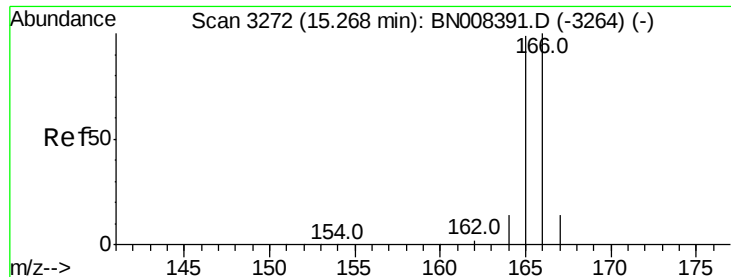


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





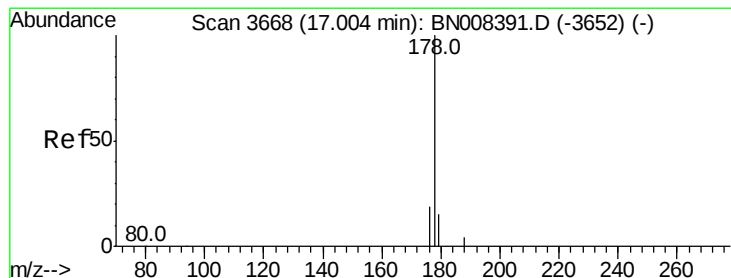
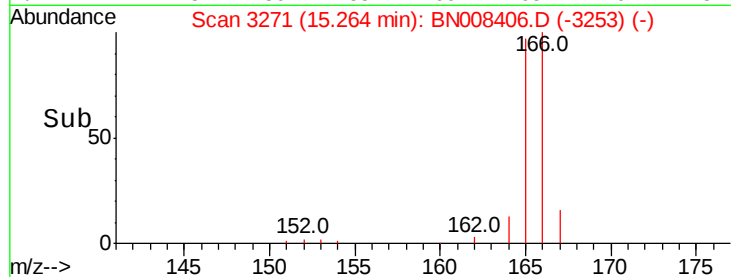
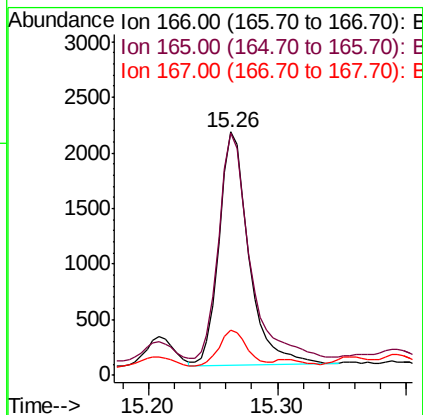
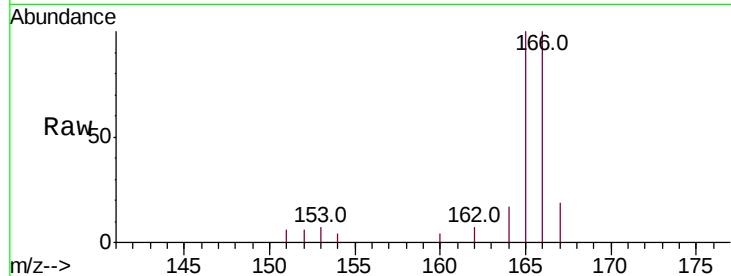
#9

Fluorene

Concen: 0.123 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. -0.02 min
 Lab File: BN008406.D
 Acq: 25 Oct 2019 02:10

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 3346
 Ion Ratio Lower Upper
 166 100
 165 99.7 76.6 115.0
 167 18.6 11.7 17.5#

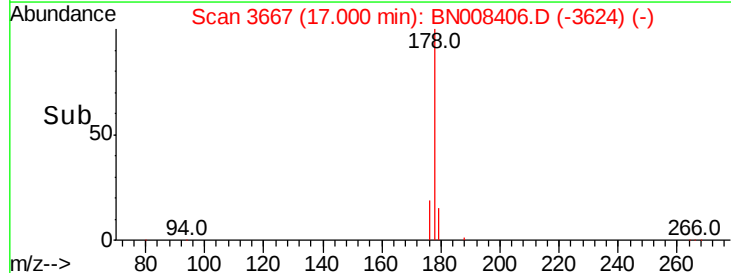
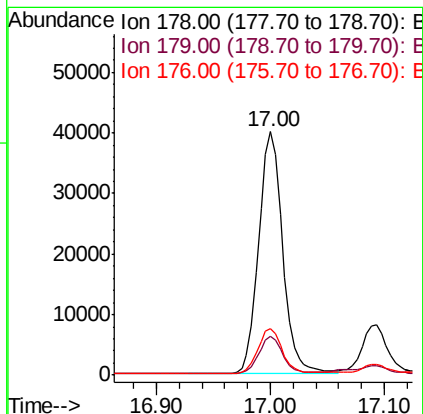
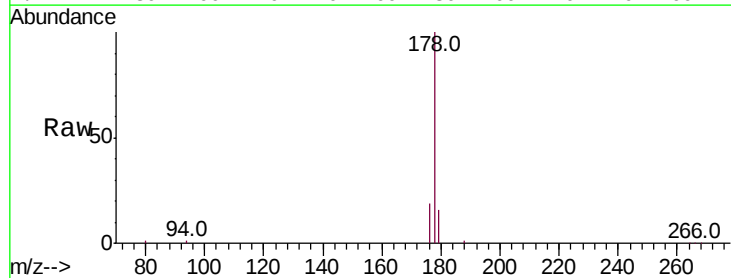


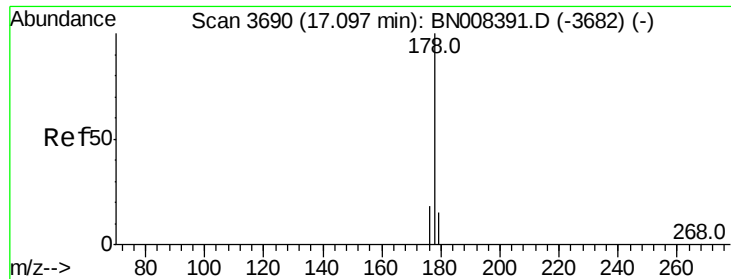
#12

Phenanthrene

Concen: 1.460 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. -0.02 min
 Lab File: BN008406.D
 Acq: 25 Oct 2019 02:10

Tgt Ion:178 Resp: 58775
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.8 19.2
 176 19.3 15.4 23.2





#13

Anthracene

Concen: 0.327 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

Instrument :

BNA_N

ClientSampleId :

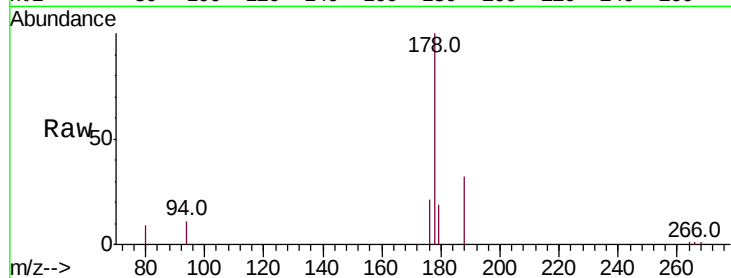
Tot Ion:178 Resp: 11570

Ion Ratio Lower Upper

178 100

179 18.7 13.0 19.6

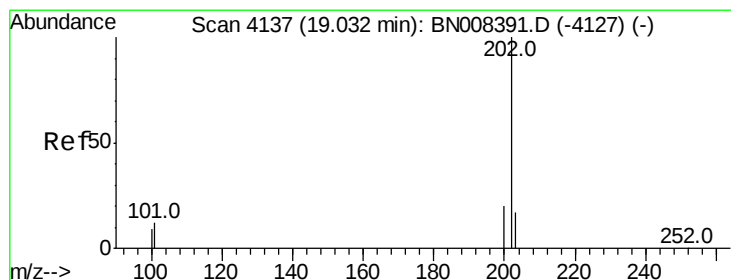
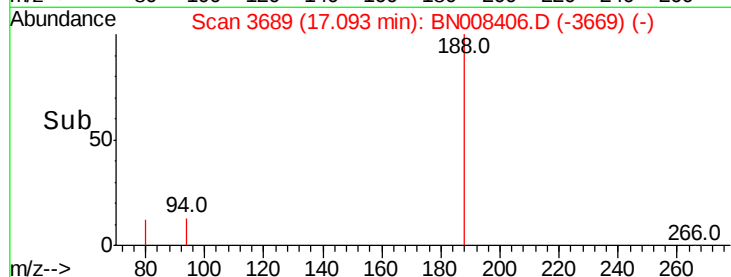
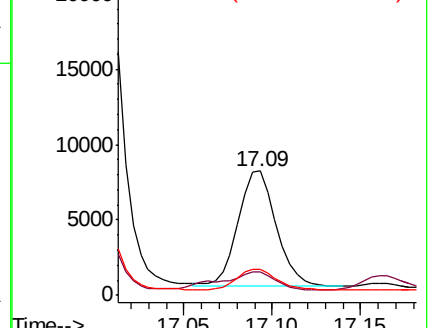
176 21.1 15.0 22.6



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: 1.834 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

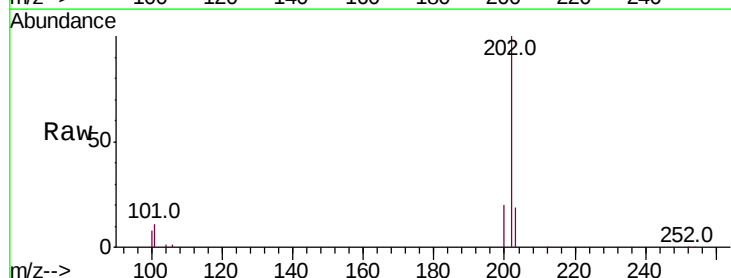
Tgt Ion:202 Resp: 97504

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.2

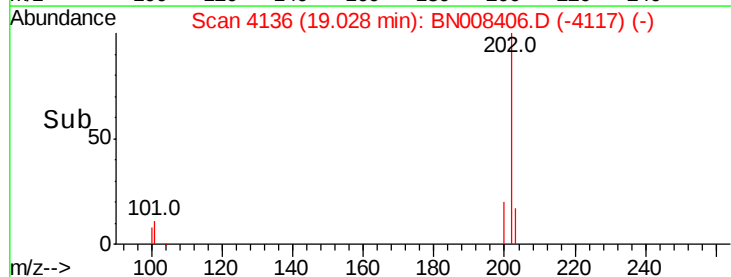
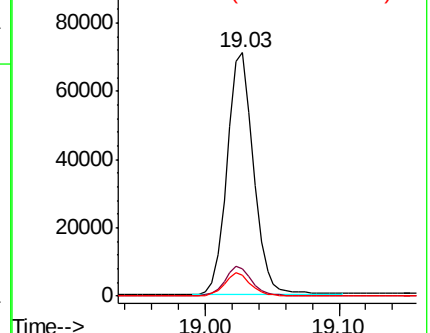
100 8.4 0.0 28.5

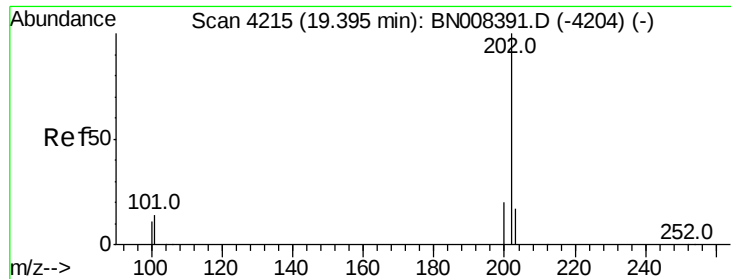


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 1.749 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

Instrument :

BNA_N

ClientSampleId :

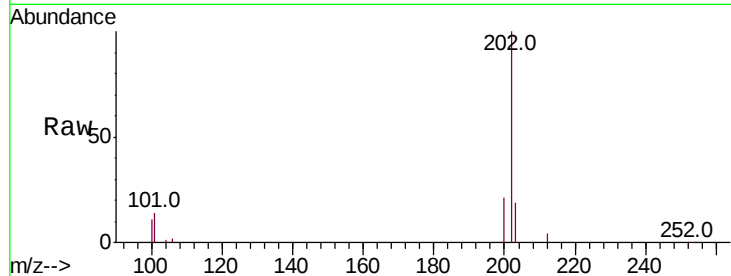
Tot Ion:202 Resp: 81339

Ion Ratio Lower Upper

202 100

101 13.6 10.9 16.3

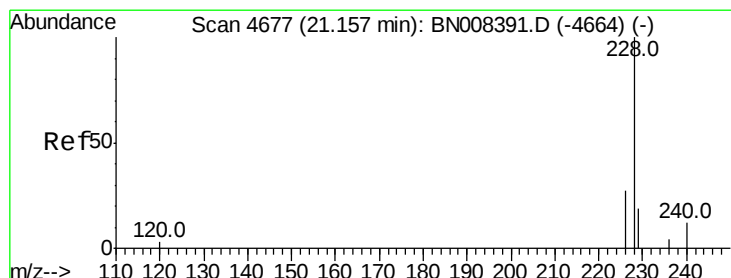
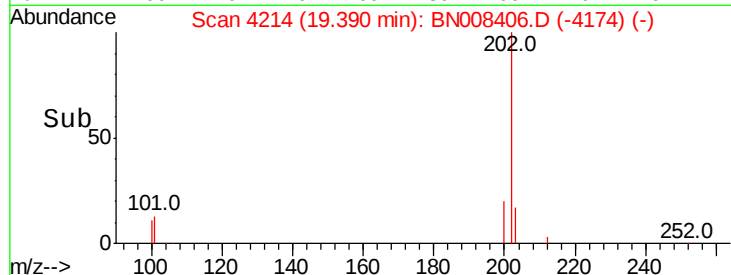
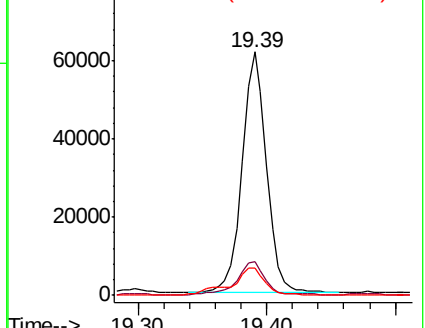
100 11.1 8.7 13.1



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: 0.962 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. -0.02 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

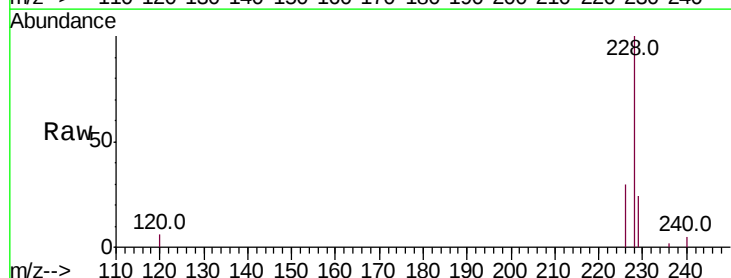
Tgt Ion:228 Resp: 40856

Ion Ratio Lower Upper

228 100

229 23.9 16.2 24.2

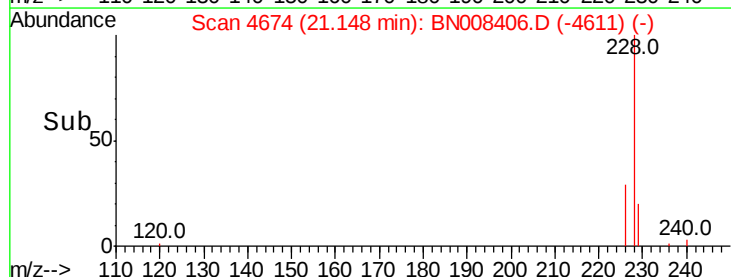
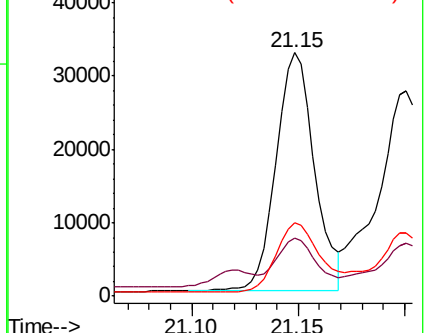
226 29.9 21.4 32.0

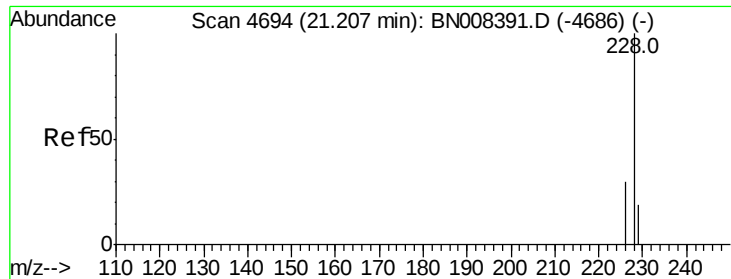


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.784 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. -0.07 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

Instrument :

BNA_N

ClientSampleId :

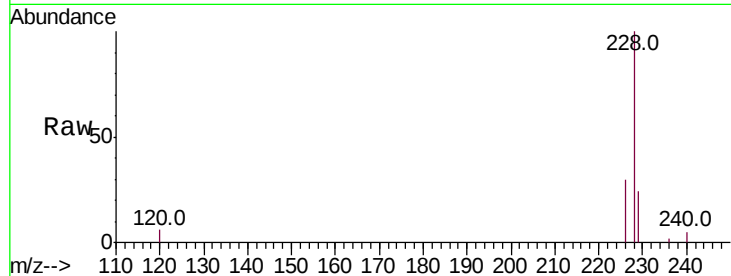
Tot Ion:228 Resp: 40856

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

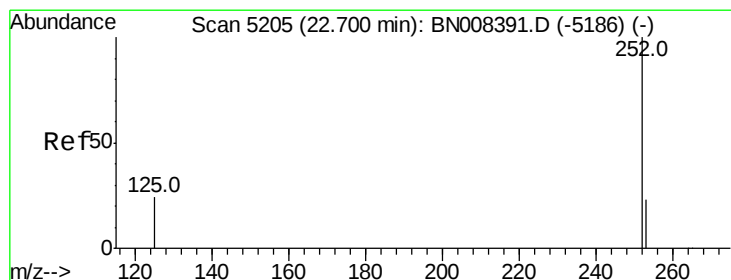
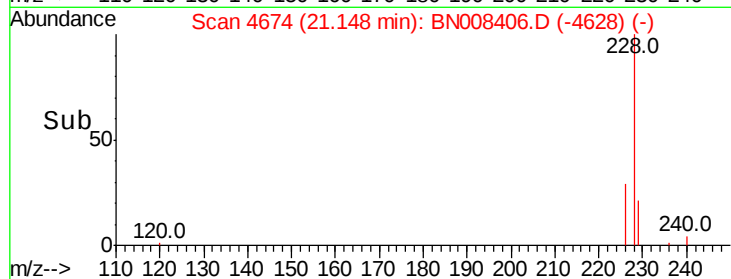
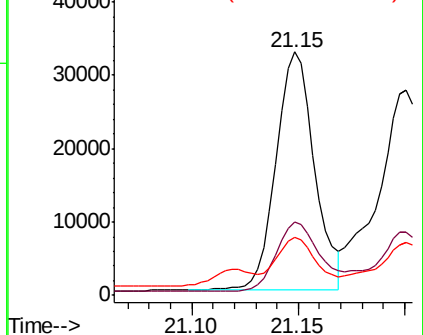
229 23.9 16.2 24.2



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: 2.313 ng/ul

RT: 22.69 min Scan# 5202

Delta R.T. -0.02 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

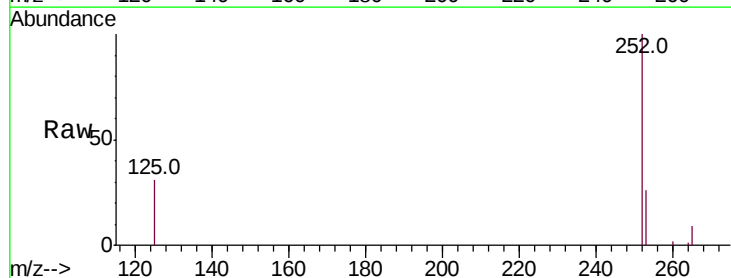
Tgt Ion:252 Resp: 73948

Ion Ratio Lower Upper

252 100

253 26.1 0.0 53.4

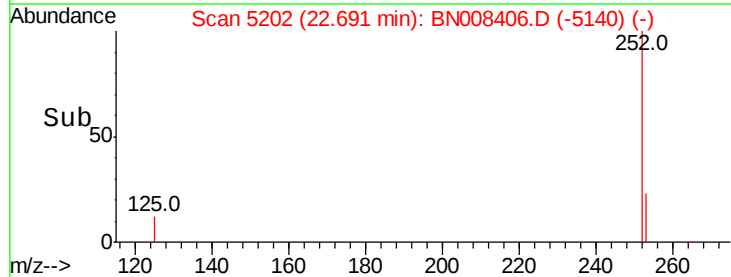
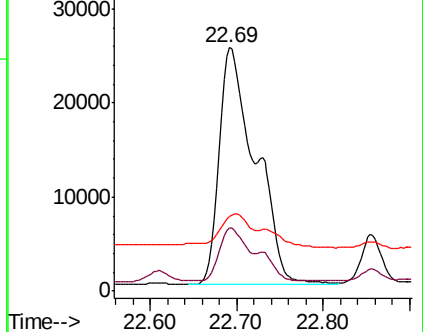
125 30.9 0.0 32.4

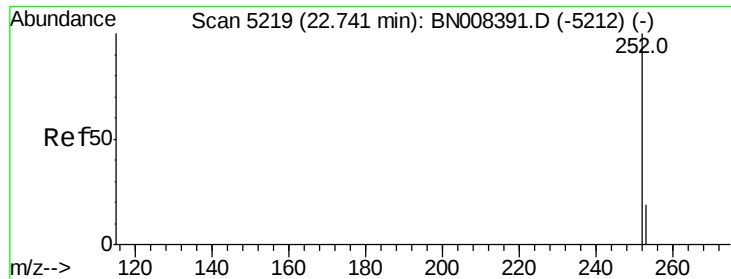


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.042 ng/ul

RT: 22.69 min Scan# 5202

Delta R.T. -0.06 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

Instrument :

BNA_N

ClientSampleId :

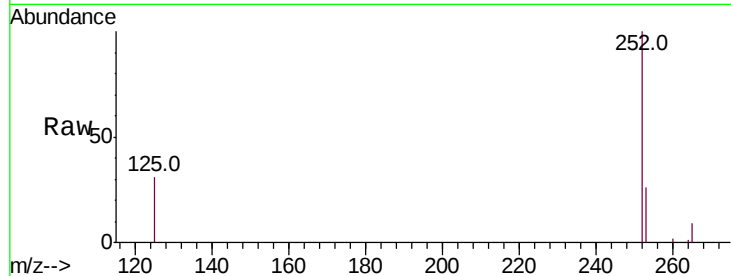
Tot Ion:252 Resp: 73948

Ion Ratio Lower Upper

252 100

253 26.1 21.3 31.9

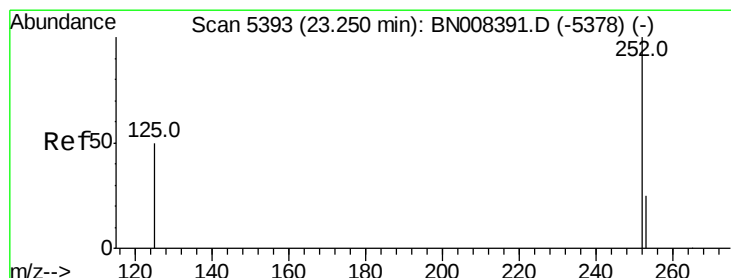
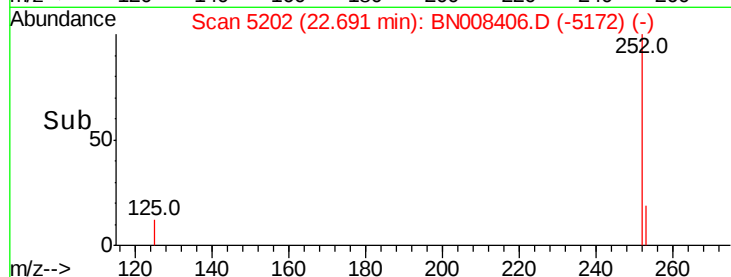
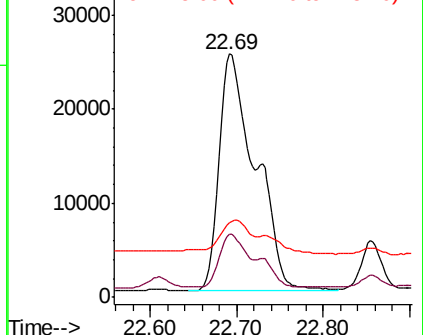
125 30.9 12.3 18.5#



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: 1.021 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.02 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

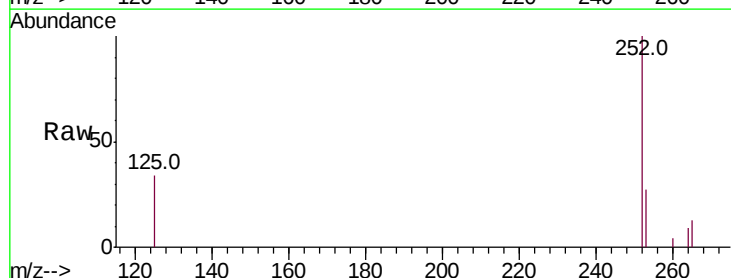
Tgt Ion:252 Resp: 34340

Ion Ratio Lower Upper

252 100

253 27.0 22.8 34.2

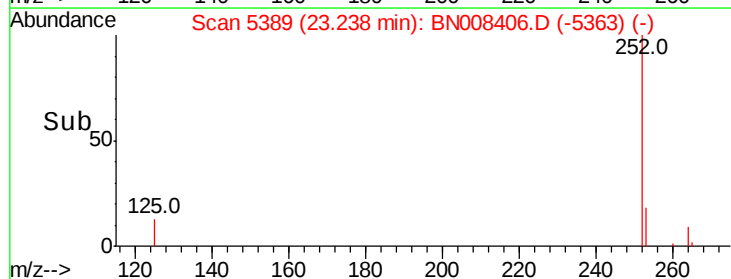
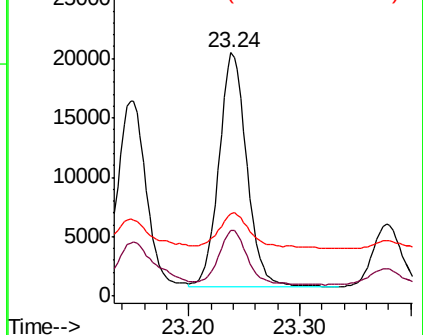
125 34.0 18.4 27.6#

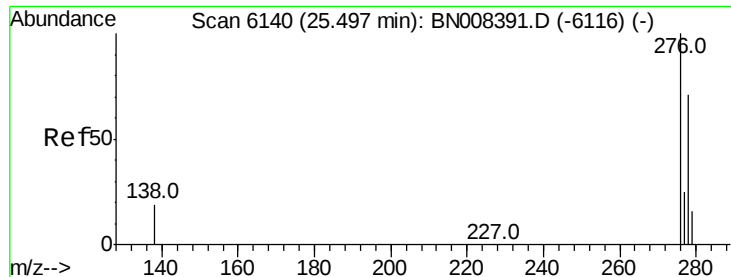


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



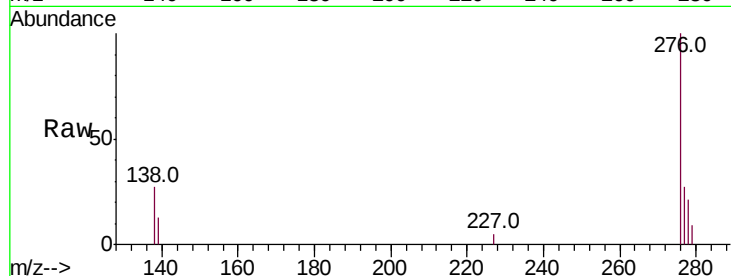


#24

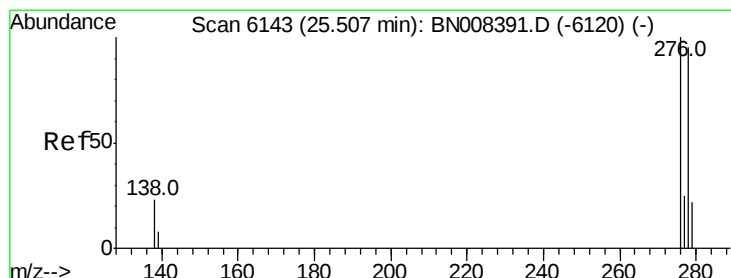
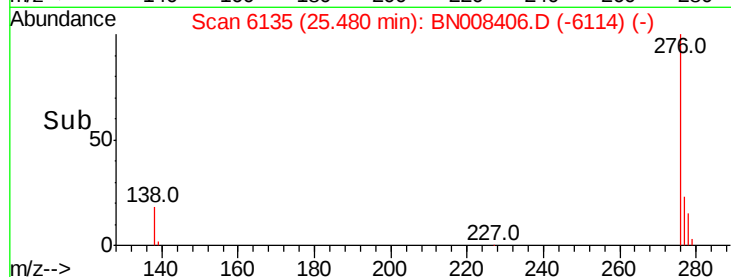
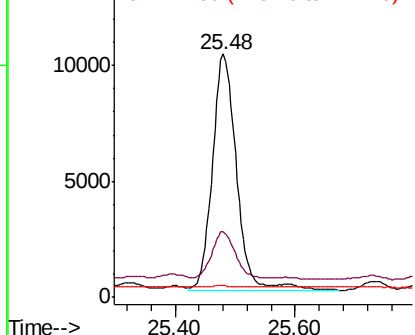
Indeno(1,2,3-cd)pyrene
Concen: 0.710 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.03 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 28152
Ion Ratio Lower Upper
276 100
138 19.2 16.1 24.1
227 0.2 0.2 0.2



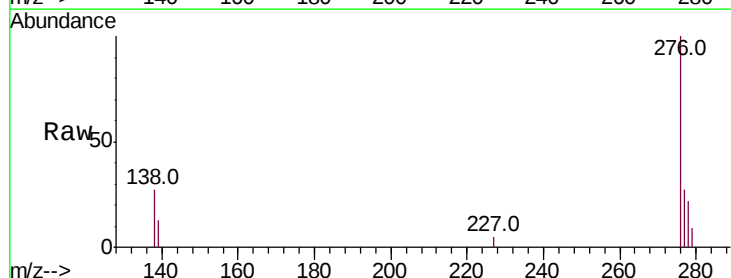
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



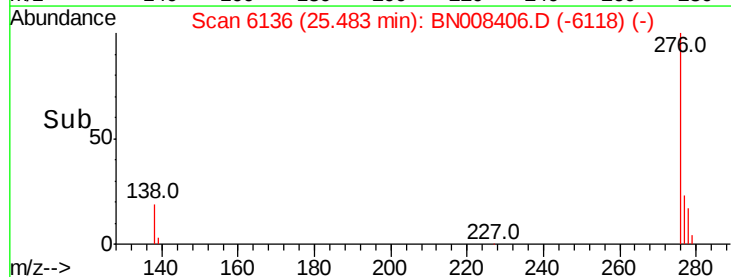
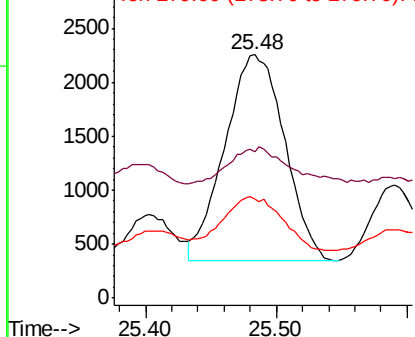
#25

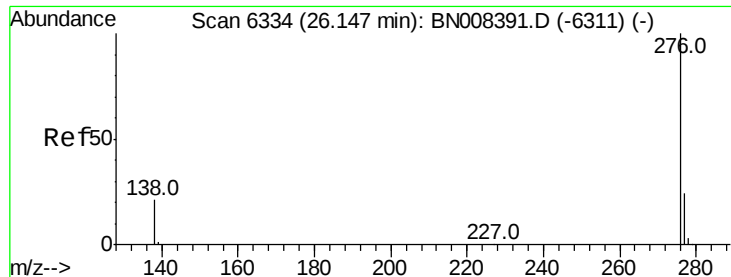
Dibenzo(a,h)anthracene
Concen: 0.194 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.04 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:278 Resp: 6083
Ion Ratio Lower Upper
278 100
139 60.0 15.0 22.6#
279 40.5 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: 0.790 ng/ul

RT: 26.14 min Scan# 6331

Delta R.T. -0.03 min

Lab File: BN008406.D

Acq: 25 Oct 2019 02:10

Instrument :

BNA_N

ClientSampleId :

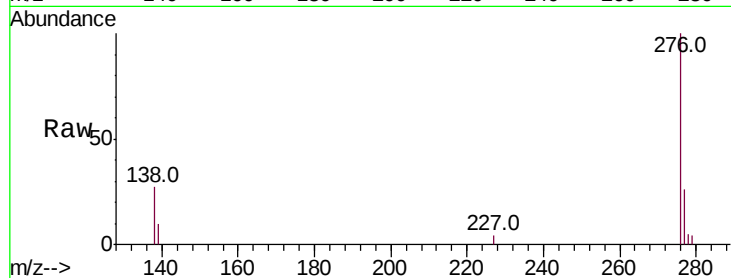
Tot Ion:276 Resp: 28696

Ion Ratio Lower Upper

276 100

138 26.8 17.0 25.4#

277 26.4 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

