

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
 Data File : BN006373.D
 Acq On : 18 Jun 2019 11:29
 Operator : JU/SJ
 Sample : K3335-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41S2

Quant Time: Jun 18 12:37:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

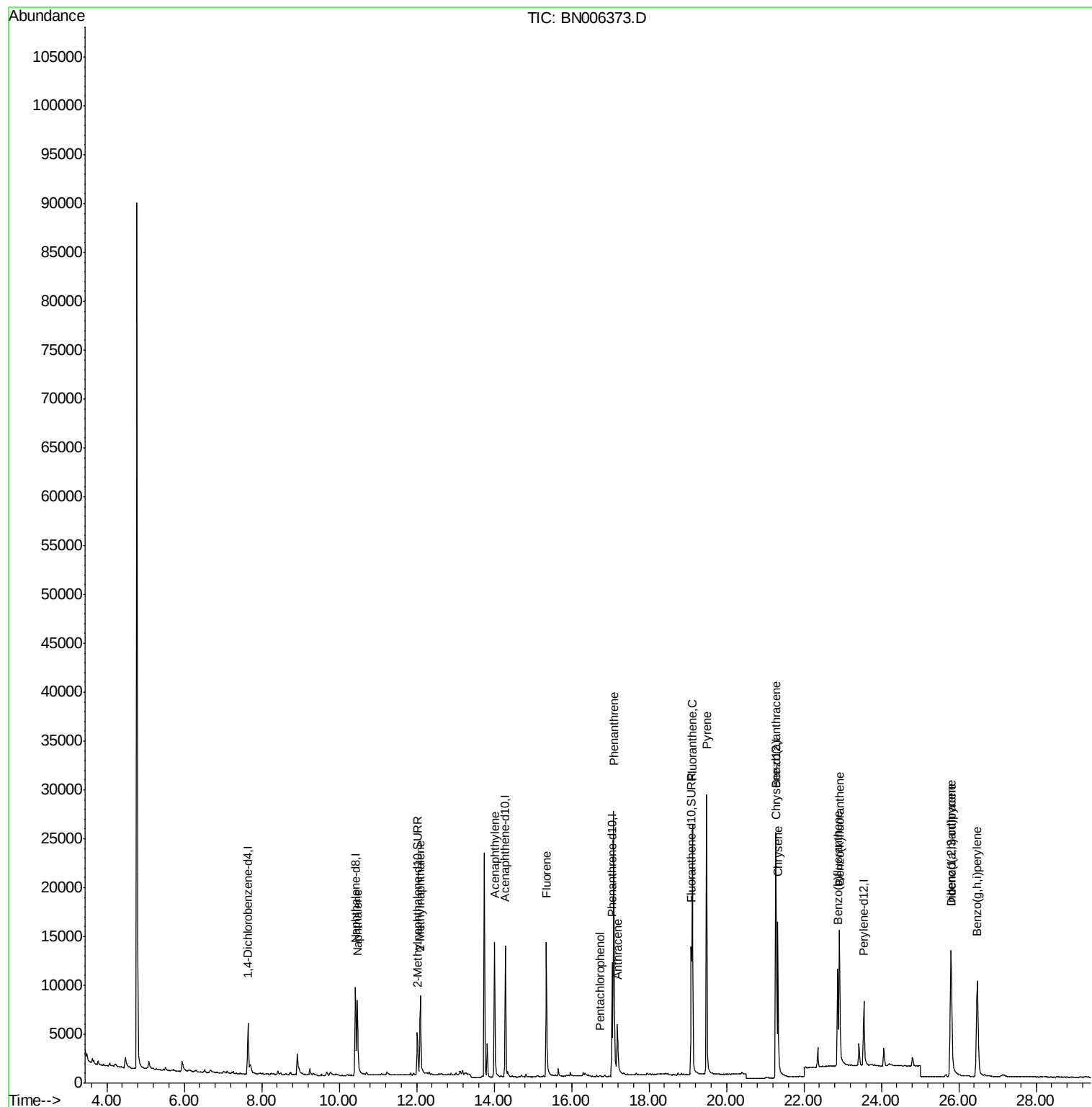
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14812	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7755	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14559	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	9017	0.40	ng/ul	0.02
20) Perylene-d12	23.55	264	10064	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7397	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14028	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	11917	0.292	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	7323	0.257	ng/ul	99
7) Acenaphthylene	14.01	152	17426	0.404	ng/ul	100
9) Fluorene	15.35	166	11088	0.317	ng/ul	98
11) Pentachlorophenol	16.73	266	156	0.042	ng/ul	91
12) Phenanthrene	17.09	178	32100	0.687	ng/ul	99
13) Anthracene	17.18	178	7533	0.169	ng/ul	96
15) Fluoranthene	19.12	202	22771	0.441	ng/ul	99
17) Pyrene	19.49	202	25995	0.547	ng/ul	99
18) Benzo(a)anthracene	21.27	228	23777	0.596	ng/ul	99
19) Chrysene	21.33	228	17427	0.465	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	11325	0.270	ng/ul	88
22) Benzo(k)fluoranthene	22.92	252	20524	0.502	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.79	276	15957	0.377	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.80	278	13767	0.407	ng/ul	95
26) Benzo(a,h,i)perylene	26.48	276	21741	0.614	ng/ul	95

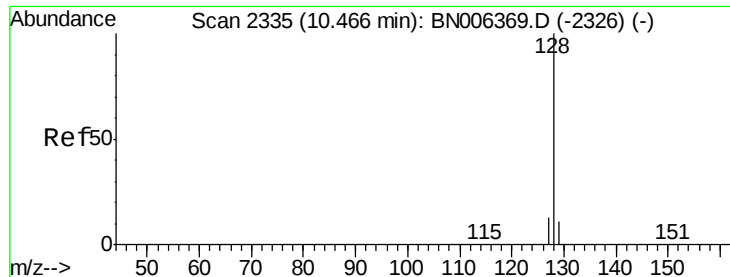
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.292 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

Instrument :

BNA_N

ClientSampleId :

A41S2

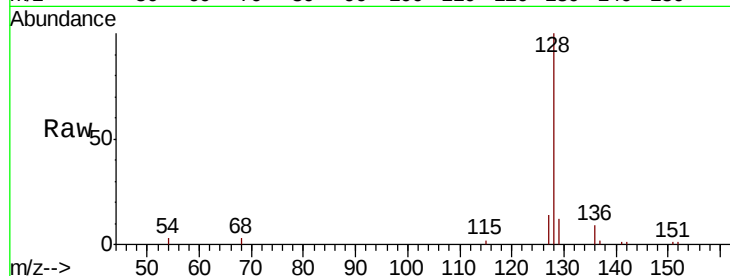
Tot Ion:128 Resp: 11917

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

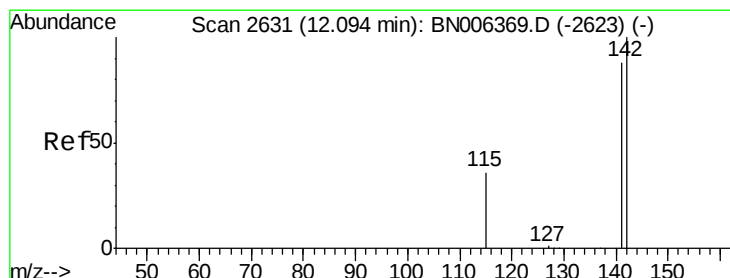
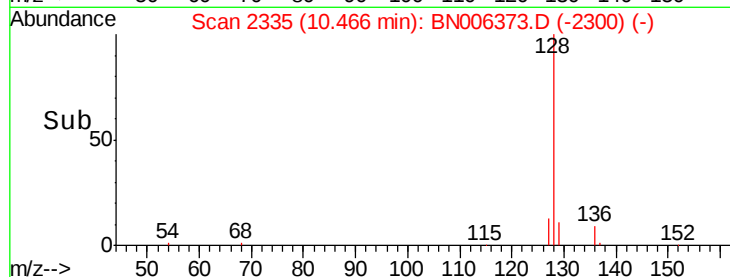
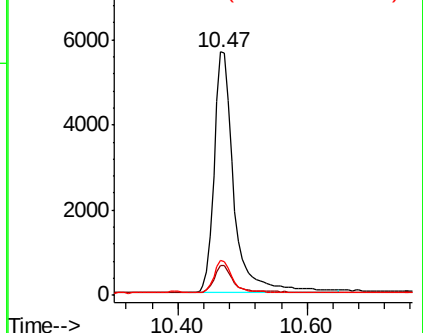
127 14.2 10.7 16.1



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: 0.257 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BN006373.D

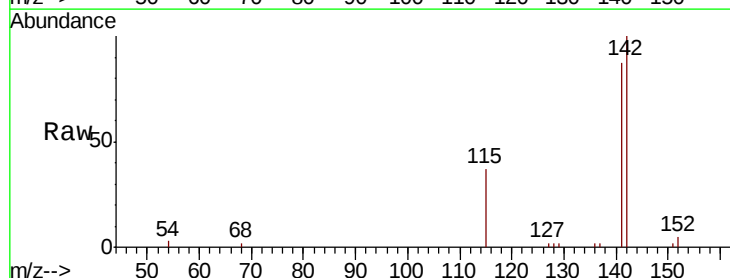
Acq: 18 Jun 2019 11:29

Tgt Ion:142 Resp: 7323

Ion Ratio Lower Upper

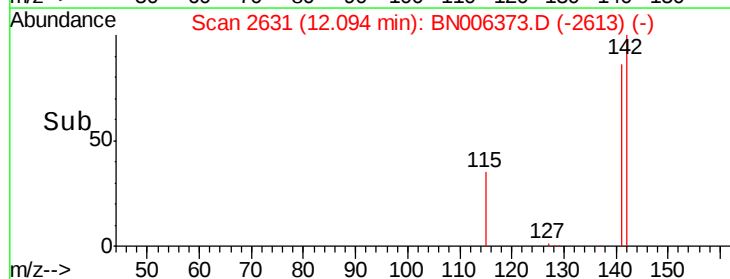
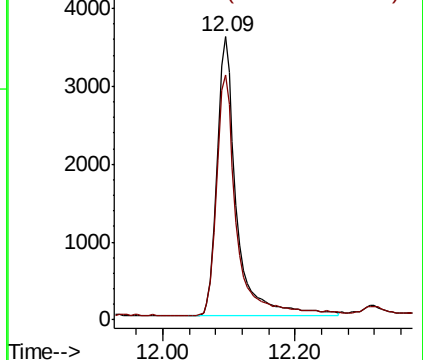
142 100

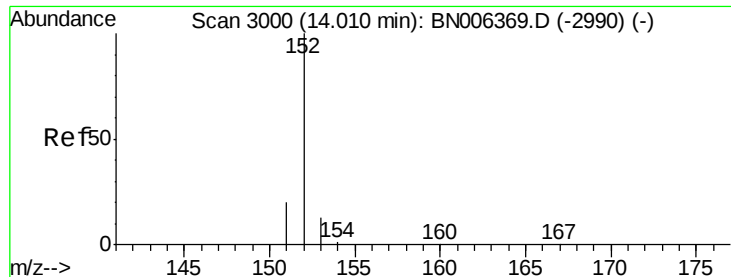
141 88.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.404 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

Instrument :

BNA_N

ClientSampleId :

A41S2

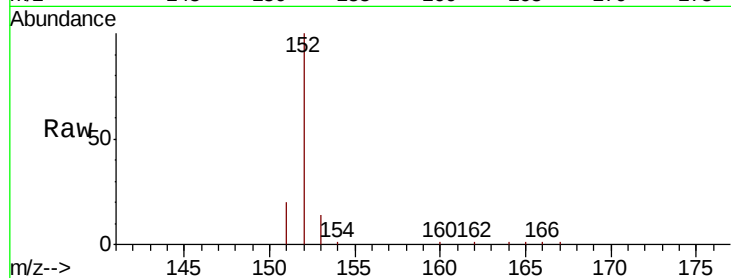
Tot Ion:152 Resp: 17426

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

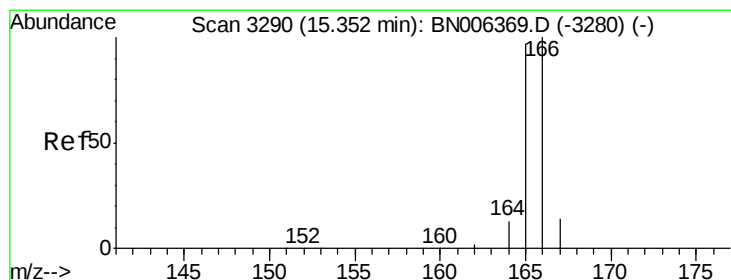
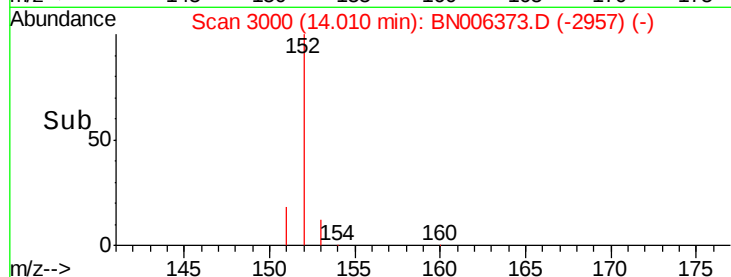
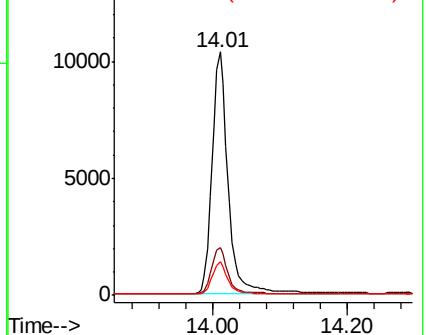
153 13.7 10.8 16.2



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



#9

Fluorene

Concen: 0.317 ng/ul

RT: 15.35 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

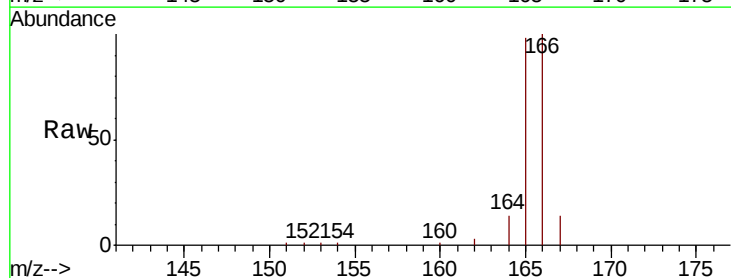
Tgt Ion:166 Resp: 11088

Ion Ratio Lower Upper

166 100

165 97.7 76.4 114.6

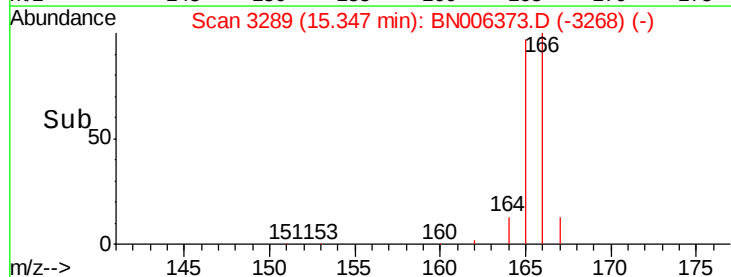
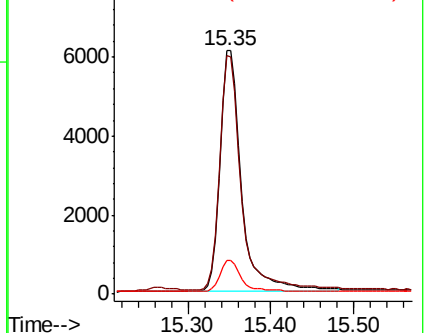
167 13.9 11.0 16.6

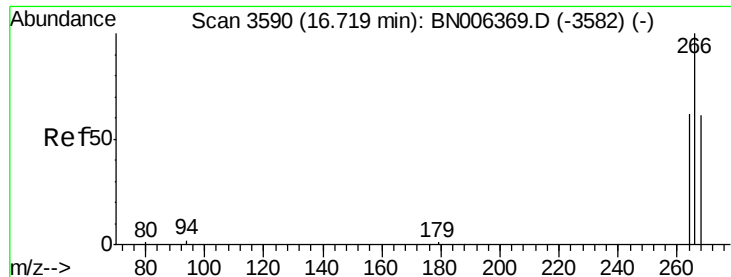


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

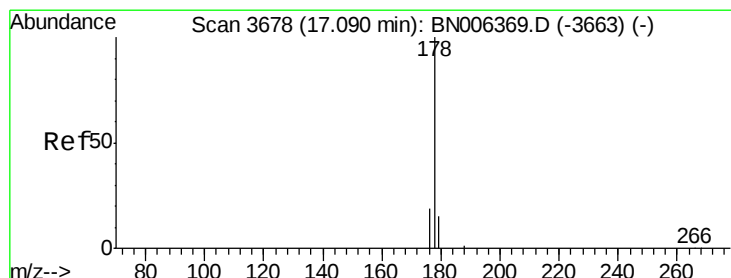
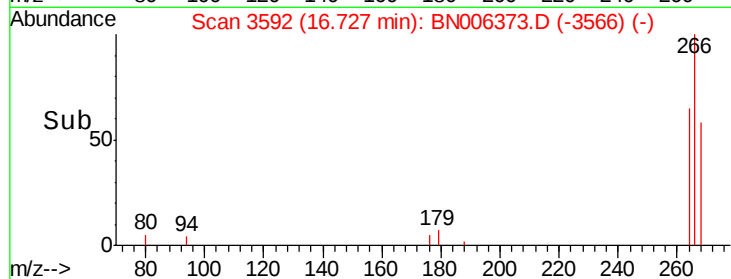
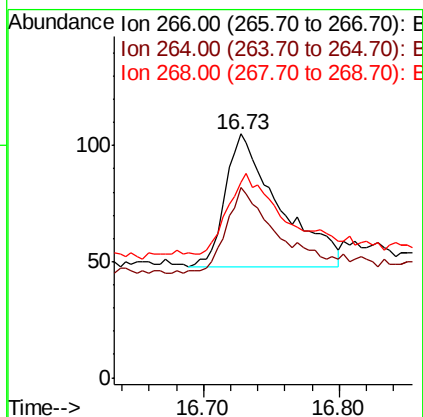
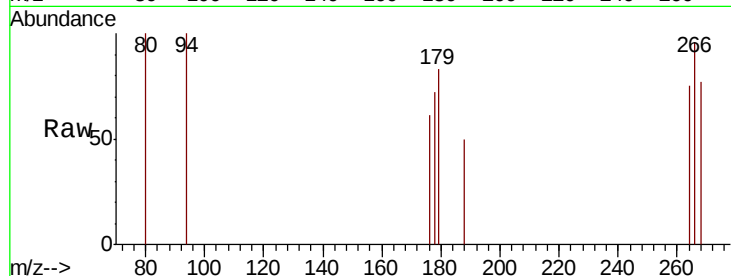




#11
 Pentachlorophenol
 Concen: 0.042 ng/ul
 RT: 16.73 min Scan# 3592
 Delta R.T. 0.01 min
 Lab File: BN006373.D
 Acq: 18 Jun 2019 11:29

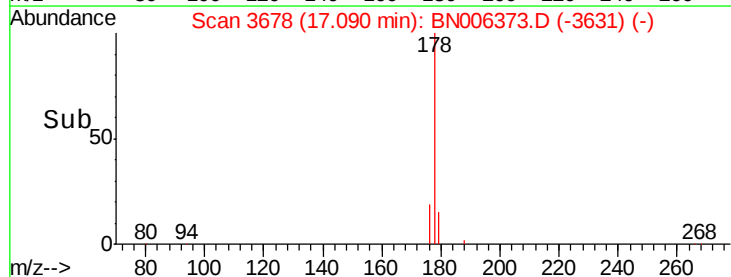
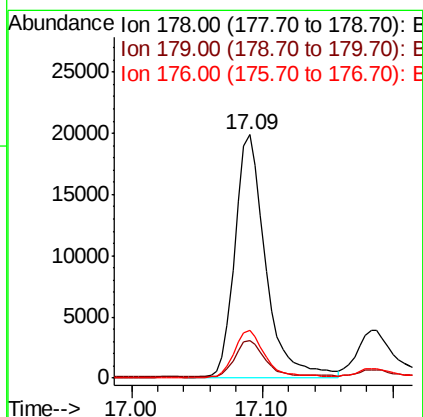
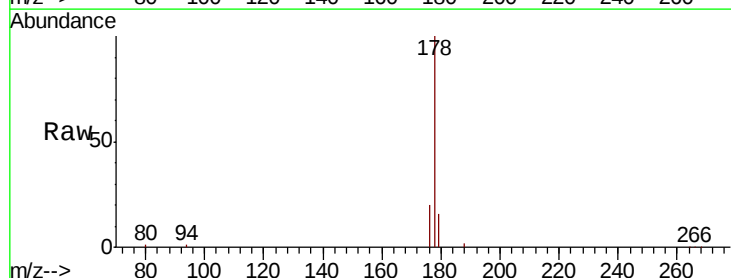
Instrument :
 BNA_N
 ClientSampleId :
 A41S2

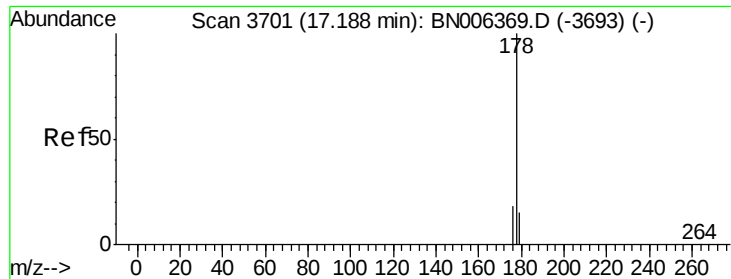
Tot Ion	Ratio	Lower	Upper
266	100		
264	69.9	50.3	75.5
268	70.5	51.3	76.9



#12
 Phenanthrene
 Concen: 0.687 ng/ul
 RT: 17.09 min Scan# 3678
 Delta R.T. 0.00 min
 Lab File: BN006373.D
 Acq: 18 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.6	15.3	22.9





#13

Anthracene

Concen: 0.169 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

Instrument :

BNA_N

ClientSampled :

A41S2

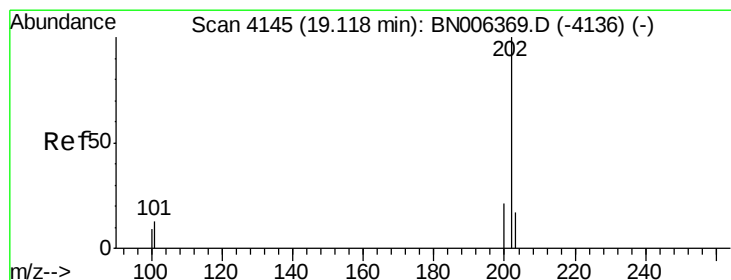
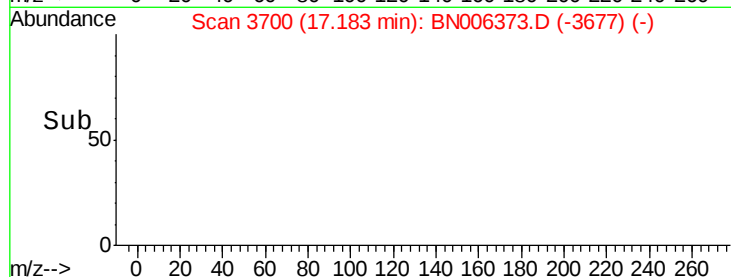
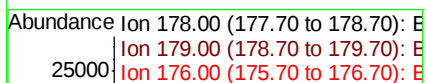
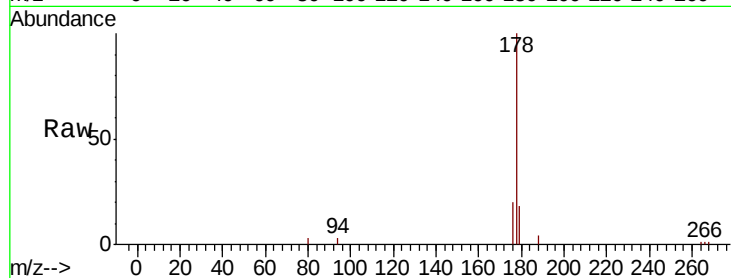
Tot Ion:178 Resp: 7533

Ion Ratio Lower Upper

178 100

179 17.6 12.2 18.4

176 20.2 15.1 22.7



#15

Fluoranthene

Concen: 0.441 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

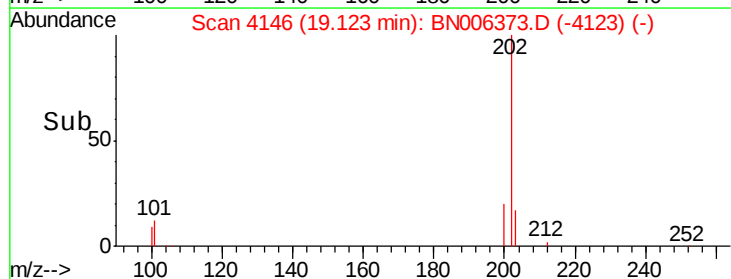
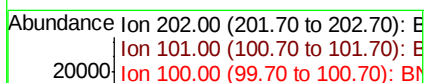
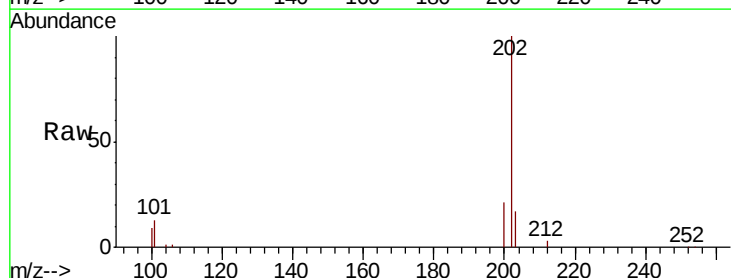
Tgt Ion:202 Resp: 22771

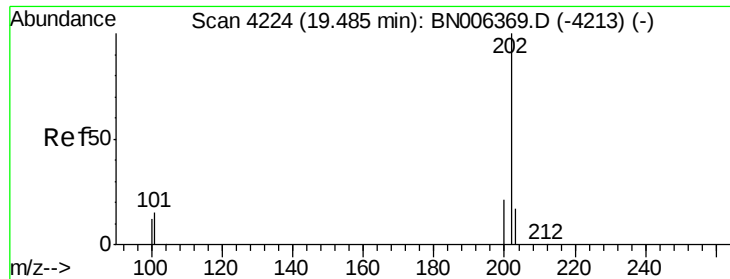
Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.1

100 9.3 0.0 28.7

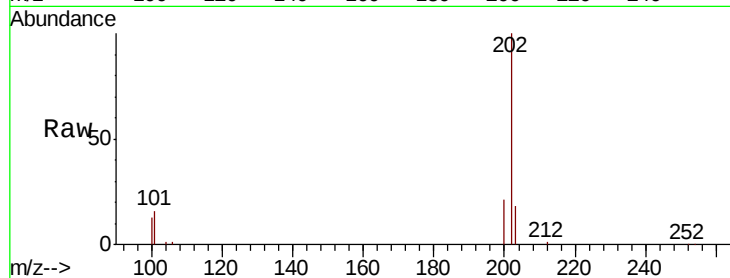




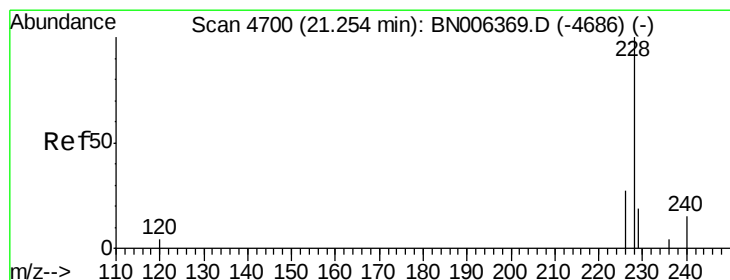
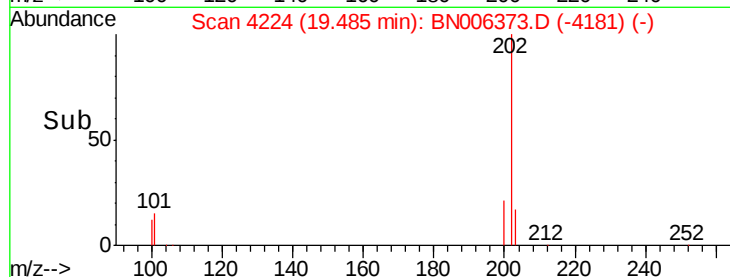
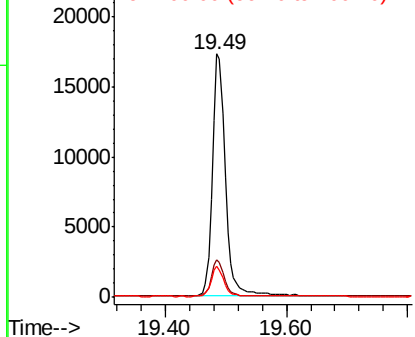
#17
Pvrene
Concen: 0.547 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006373.D
Acq: 18 Jun 2019 11:29

Instrument :
BNA_N
ClientSampleId :
A41S2

Tot Ion:202 Resp: 25995
Ion Ratio Lower Upper
202 100
101 15.6 12.2 18.2
100 12.7 9.8 14.6

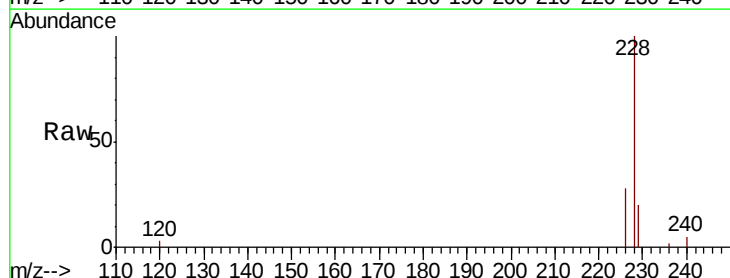


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

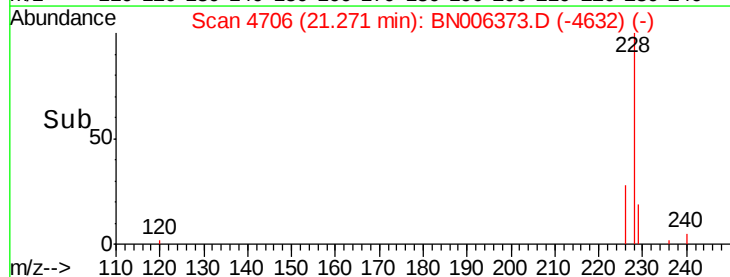
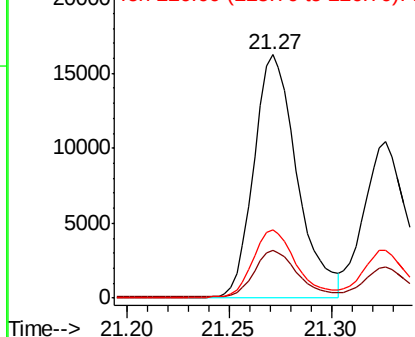


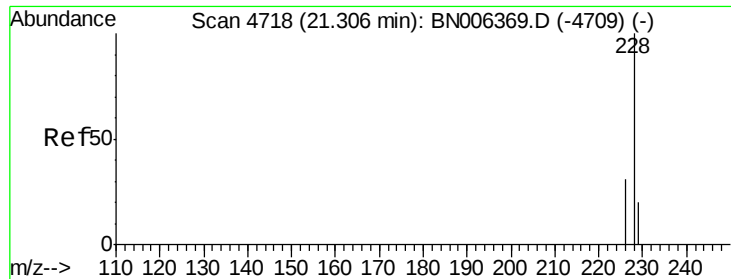
#18
Benzo(a)anthracene
Concen: 0.596 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. 0.02 min
Lab File: BN006373.D
Acq: 18 Jun 2019 11:29

Tgt Ion:228 Resp: 23777
Ion Ratio Lower Upper
228 100
229 19.7 16.5 24.7
226 27.9 22.8 34.2



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: 0.465 ng/ul

RT: 21.33 min Scan# 4725

Delta R.T. 0.02 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

Instrument :

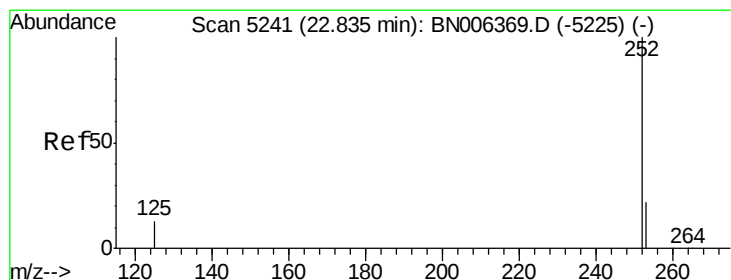
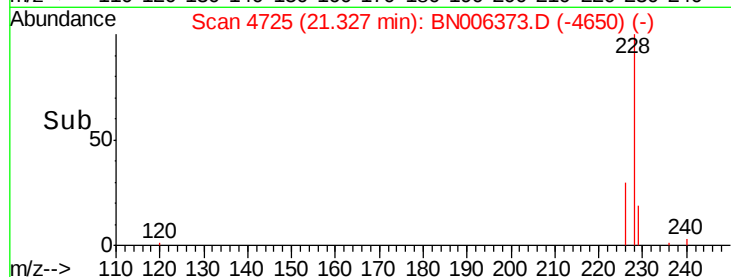
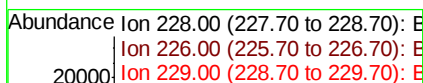
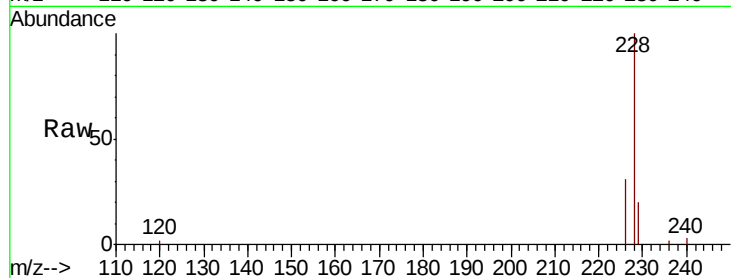
BNA_N

ClientSampleId :

A41S2

Tot Ion:228 Resp: 17427

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.0	16.3	24.5



#21

Benzo(b)fluoranthene

Concen: 0.270 ng/ul

RT: 22.88 min Scan# 5255

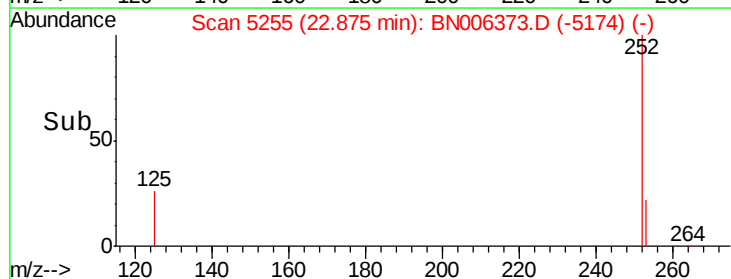
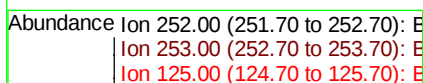
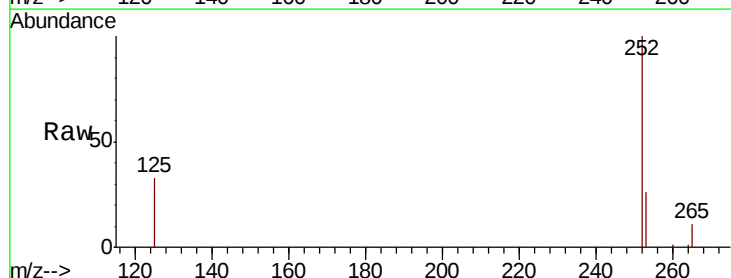
Delta R.T. 0.04 min

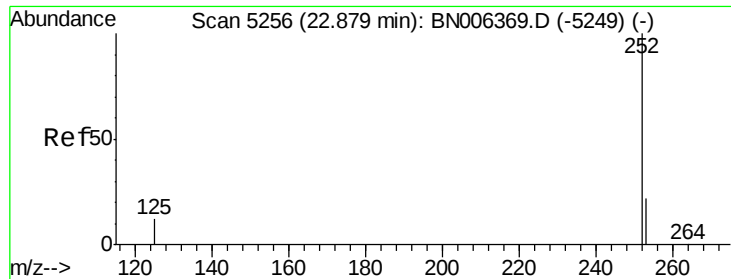
Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

Tgt Ion:252 Resp: 11325

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	51.4
125	32.7	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.502 ng/u1

RT: 22.92 min Scan# 5270

Delta R.T. 0.04 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

Instrument :

BNA_N

ClientSampleId :

A41S2

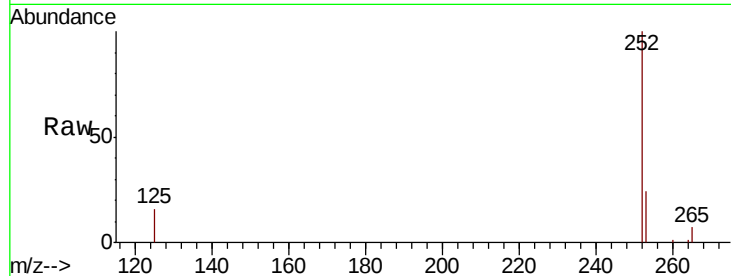
Tot Ion:252 Resp: 20524

Ion Ratio Lower Upper

252 100

253 23.9 20.3 30.5

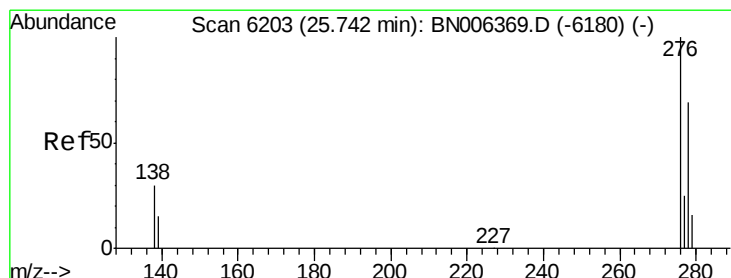
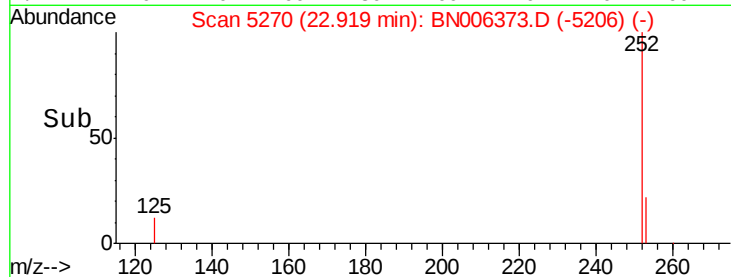
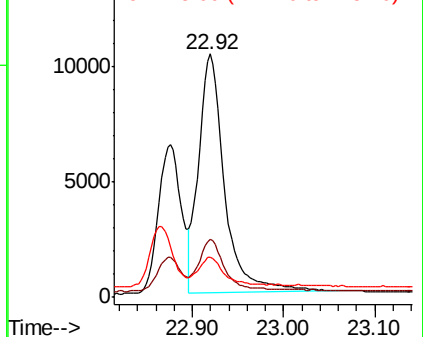
125 16.3 14.3 21.5



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/u1

RT: 25.79 min Scan# 6218

Delta R.T. 0.05 min

Lab File: BN006373.D

Acq: 18 Jun 2019 11:29

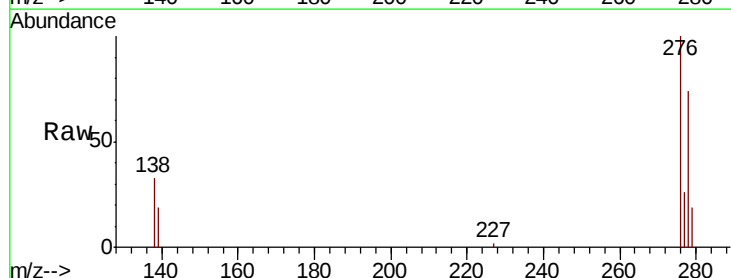
Tgt Ion:276 Resp: 15957

Ion Ratio Lower Upper

276 100

138 31.4 25.6 38.4

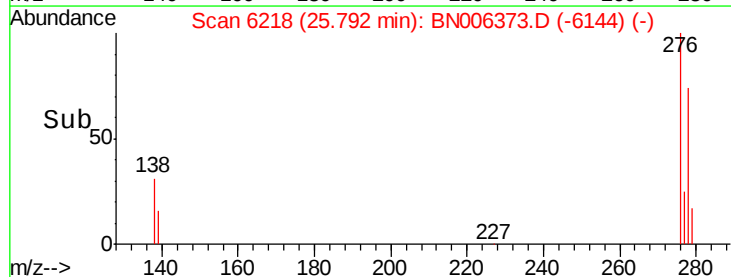
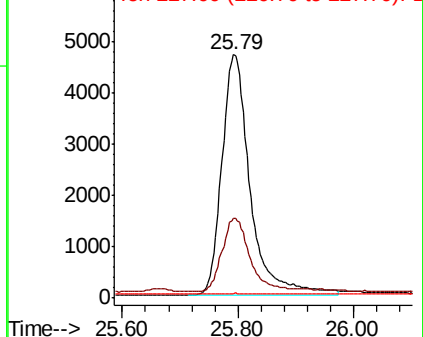
227 0.2 0.3 0.5#

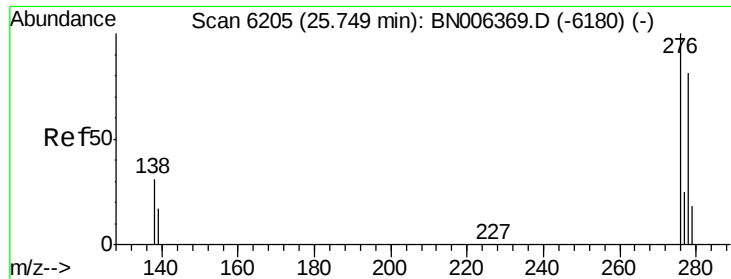


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

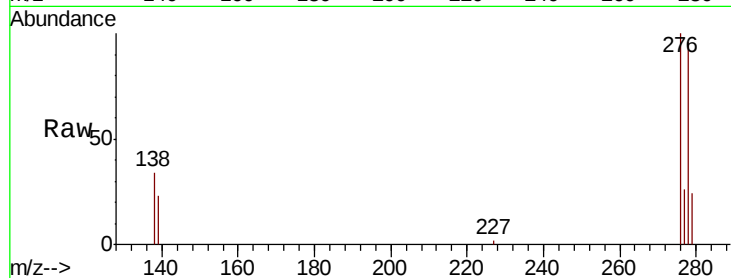




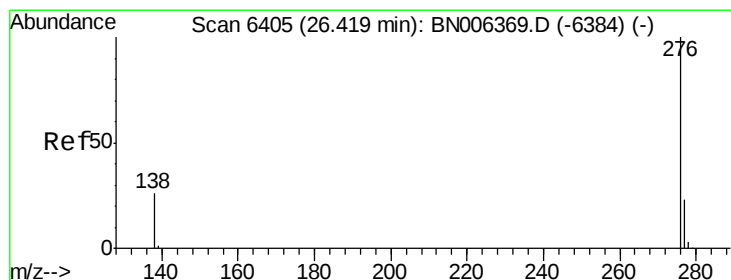
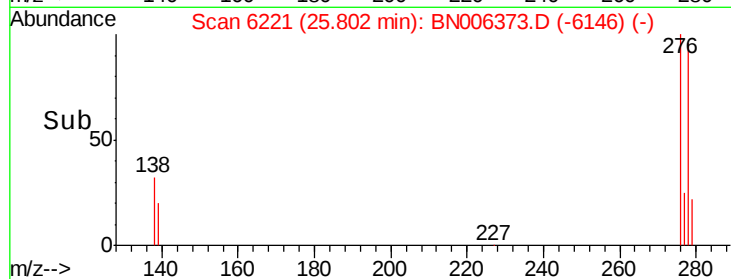
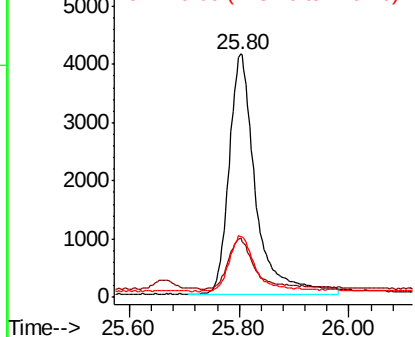
#25
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 25.80 min Scan# 6221
Delta R.T. 0.05 min
Lab File: BN006373.D
Acq: 18 Jun 2019 11:29

Instrument :
BNA_N
ClientSampleId :
A41S2

Tot Ion:278 Resp: 13767
Ion Ratio Lower Upper
278 100
139 24.3 21.2 31.8
279 25.0 22.6 33.8

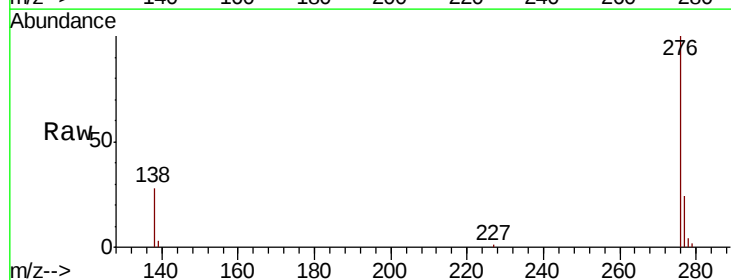


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.614 ng/ul
RT: 26.48 min Scan# 6422
Delta R.T. 0.05 min
Lab File: BN006373.D
Acq: 18 Jun 2019 11:29

Tgt Ion:276 Resp: 21741
Ion Ratio Lower Upper
276 100
138 27.9 24.2 36.4
277 23.9 21.5 32.3



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

