

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021419\
 Data File : BN004424.D
 Acq On : 14 Feb 2019 17:27
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STD0.410

Quant Time: Feb 15 01:23:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 14:04:55 2019
 Response via : Initial Calibration

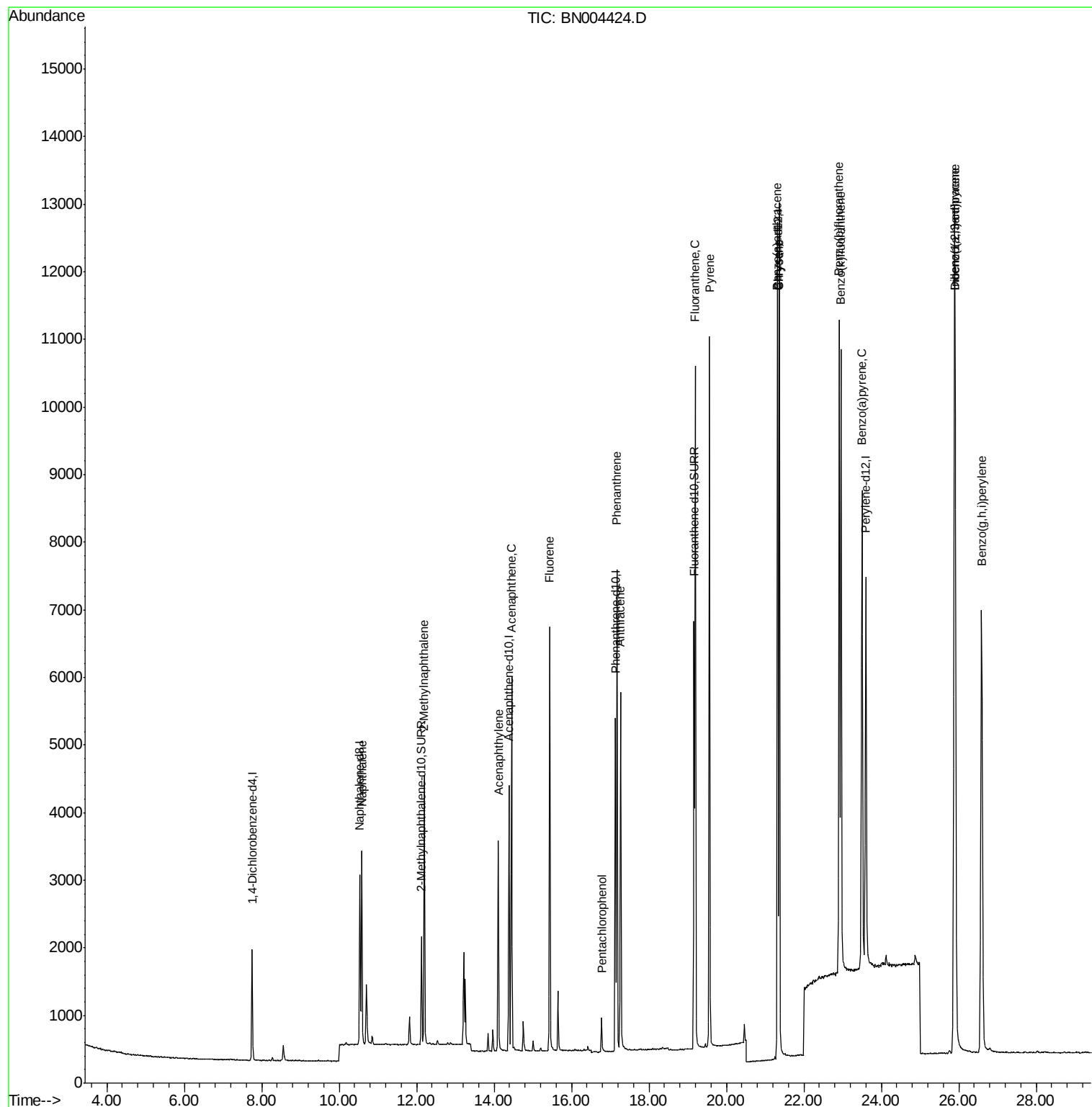
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	847	0.40	ng/ul	0.00
2) Naphthalene-d8	10.53	136	3420	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	2118	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	5862	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	7839	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	8061	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2206	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	7219	0.39	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.58	128	3846	0.392	ng/ul	99
5) 2-Methylnaphthalene	12.20	142	2846	0.405	ng/ul	100
7) Acenaphthylene	14.11	152	3591	0.371	ng/ul	99
8) Acenaphthene	14.45	153	3287	0.391	ng/ul	99
9) Fluorene	15.43	166	3967	0.395	ng/ul	100
11) Pentachlorophenol	16.78	266	388	0.311	ng/ul	96
12) Phenanthrene	17.17	178	7387	0.388	ng/ul	99
13) Anthracene	17.26	178	5963	0.371	ng/ul	99
15) Fluoranthene	19.20	202	8924	0.382	ng/ul	100
17) Pyrene	19.56	202	9173	0.363	ng/ul	99
18) Benzo(a)anthracene	21.32	228	9168	0.363	ng/ul	99
19) Chrysene	21.37	228	10916	0.372	ng/ul	99
21) Benzo(b)fluoranthene	22.91	252	12307	0.382	ng/ul	99
22) Benzo(k)fluoranthene	22.96	252	12218	0.386	ng/ul	99
23) Benzo(a)pyrene	23.50	252	11164	0.387	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.89	276	15517	0.410	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.90	278	12773	0.416	ng/ul	100
26) Benzo(g,h,i)perylene	26.59	276	14031	0.408	ng/ul	100

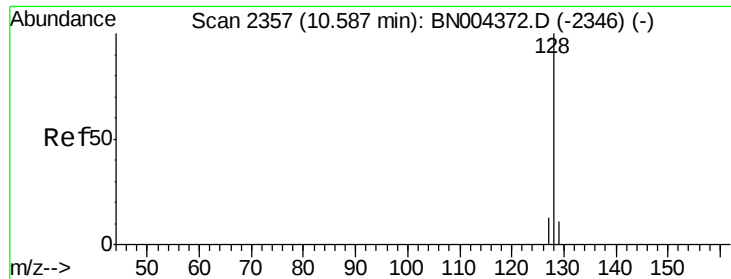
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN004424.D
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#3

Naphthalene

Concen: 0.392 ng/ul

RT: 10.58 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Instrument :

BNA_N

ClientSampleId :

STD0.410

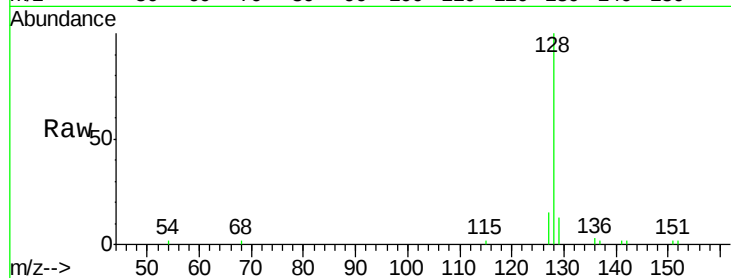
Tgt Ion:128 Resp: 3846

Ion Ratio Lower Upper

128 100

129 12.7 9.8 14.6

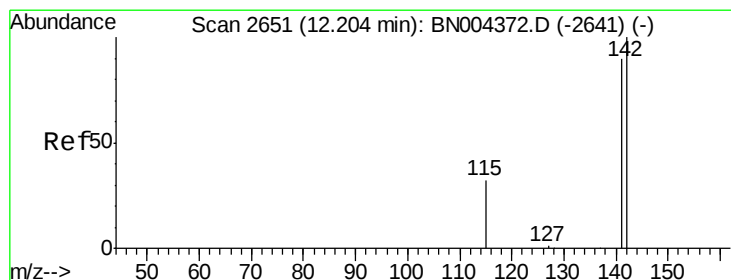
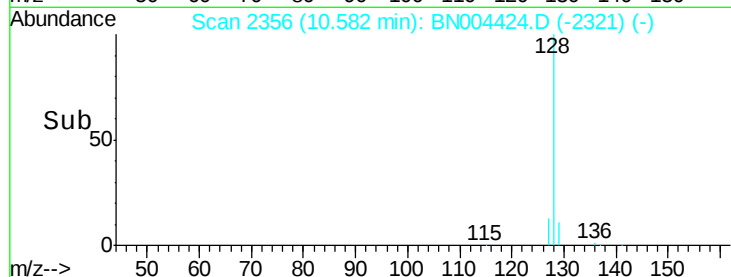
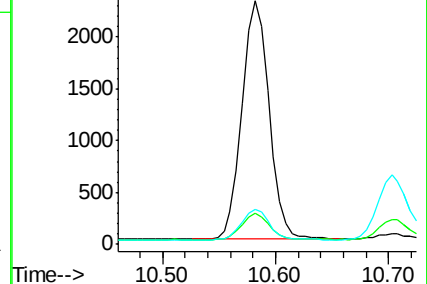
127 14.6 11.4 17.0



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: 0.405 ng/ul

RT: 12.20 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BN004424.D

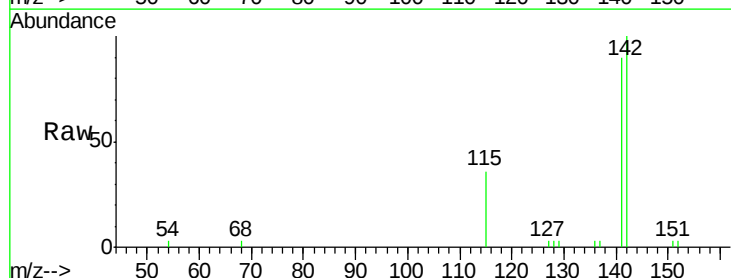
Acq: 14 Feb 2019 17:27

Tgt Ion:142 Resp: 2846

Ion Ratio Lower Upper

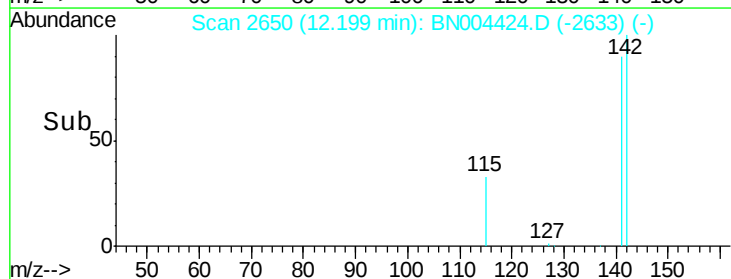
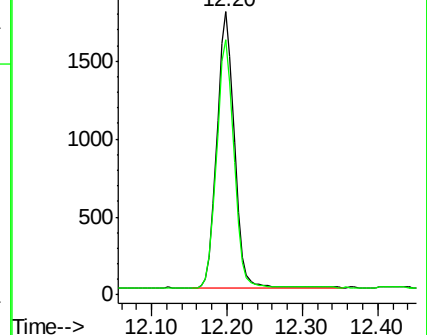
142 100

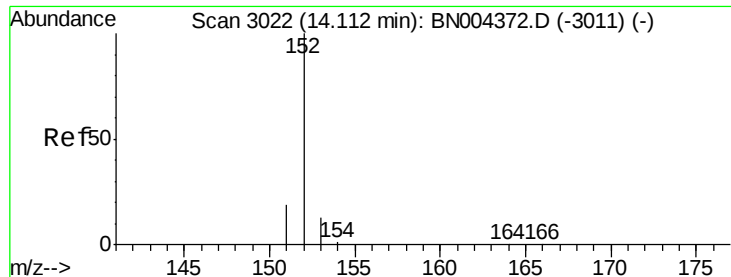
141 89.8 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.371 ng/ul

RT: 14.11 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Instrument :

BNA_N

ClientSampleId :

STD0.410

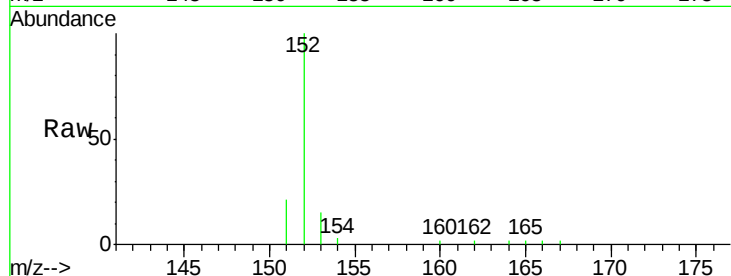
Tgt Ion:152 Resp: 3591

Ion Ratio Lower Upper

152 100

151 21.3 16.6 24.8

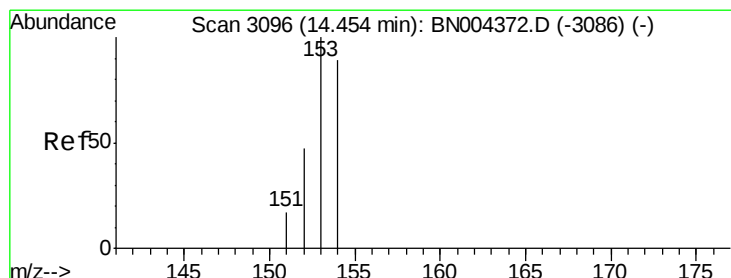
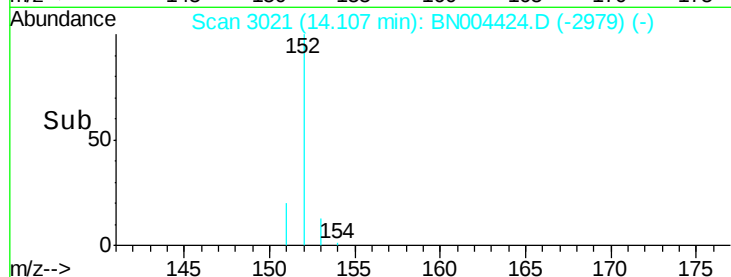
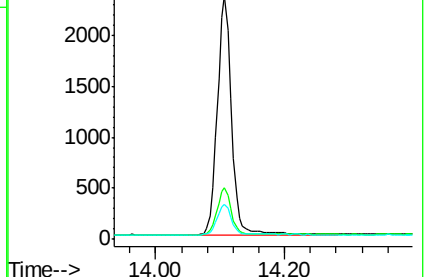
153 14.5 11.1 16.7



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: 0.391 ng/ul

RT: 14.45 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

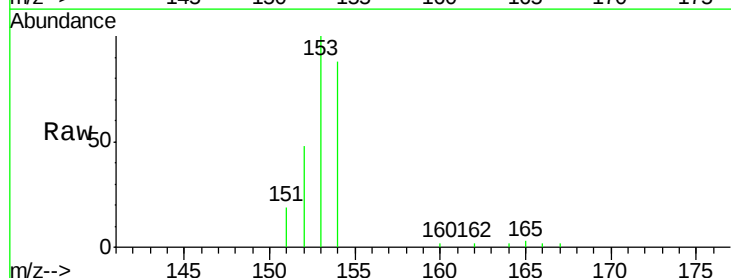
Tgt Ion:153 Resp: 3287

Ion Ratio Lower Upper

153 100

152 48.3 38.4 57.6

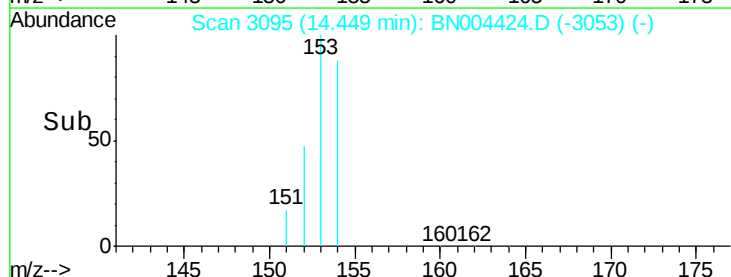
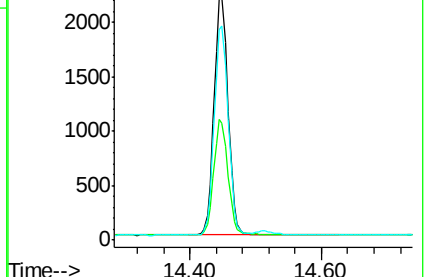
154 87.8 71.4 107.0

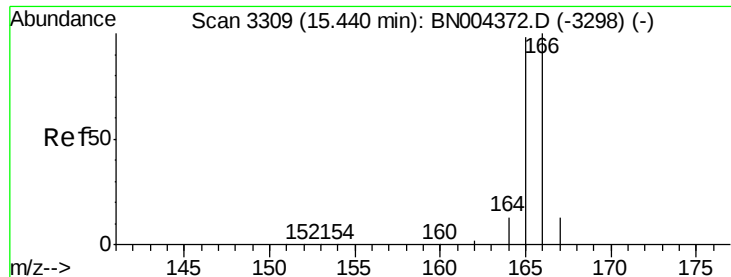


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.395 ng/ul

RT: 15.43 min Scan# 3308

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Instrument :

BNA_N

ClientSampleId :

STD0.410

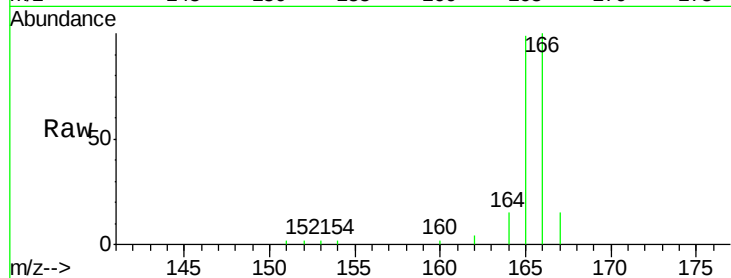
Tgt Ion:166 Resp: 3967

Ion Ratio Lower Upper

166 100

165 98.9 78.9 118.3

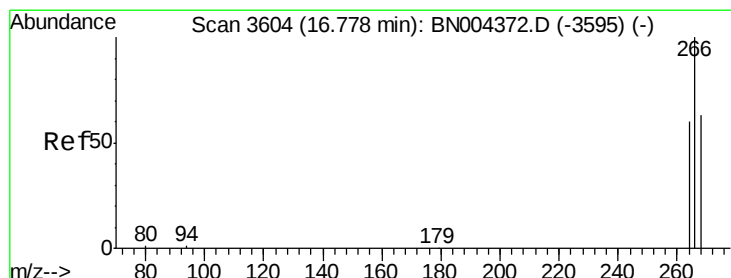
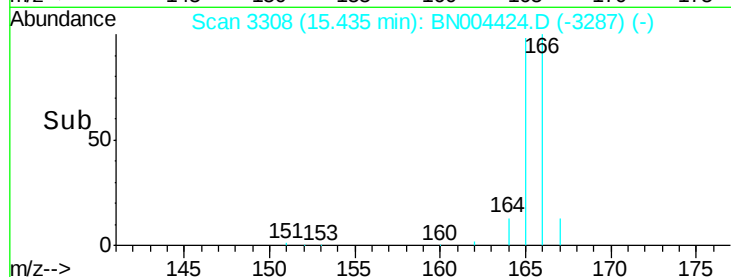
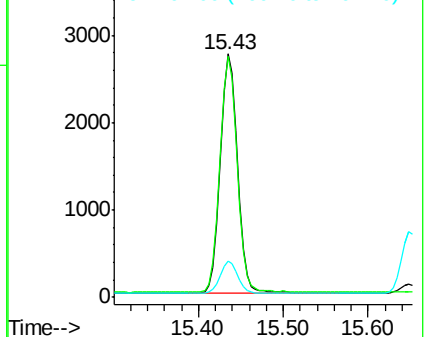
167 14.6 11.6 17.4



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: 0.311 ng/ul

RT: 16.78 min Scan# 3604

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

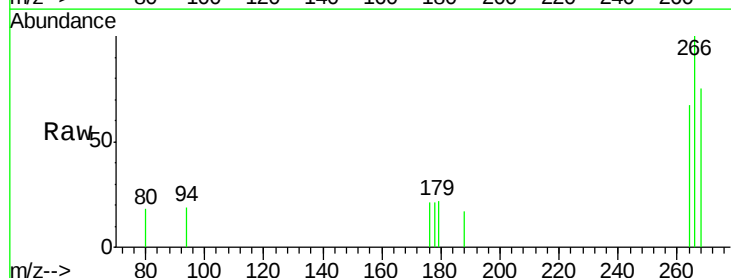
Tgt Ion:266 Resp: 388

Ion Ratio Lower Upper

266 100

264 60.8 52.3 78.5

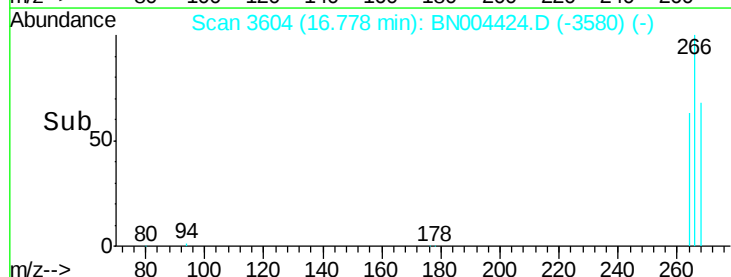
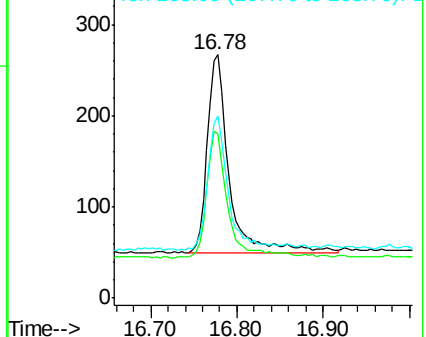
268 62.9 49.0 73.6

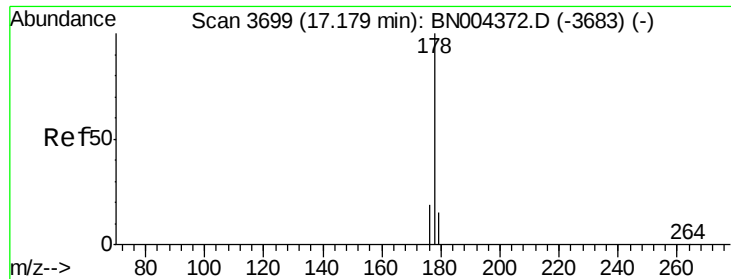


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Instrument :

BNA_N

ClientSampleId :

STD0.410

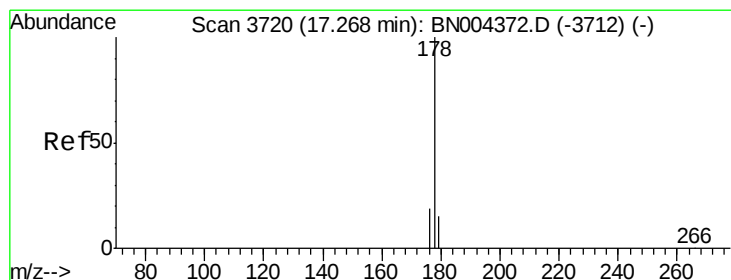
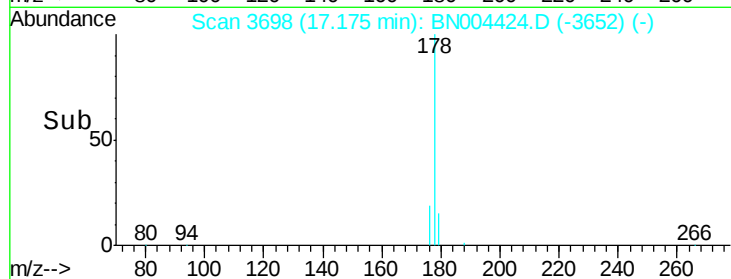
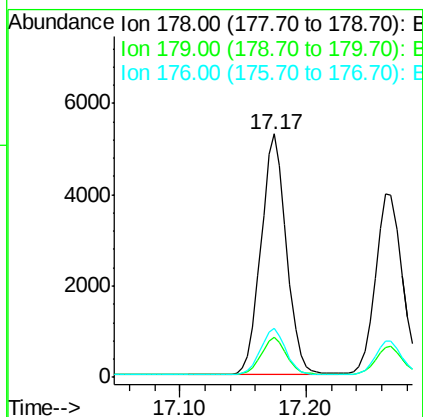
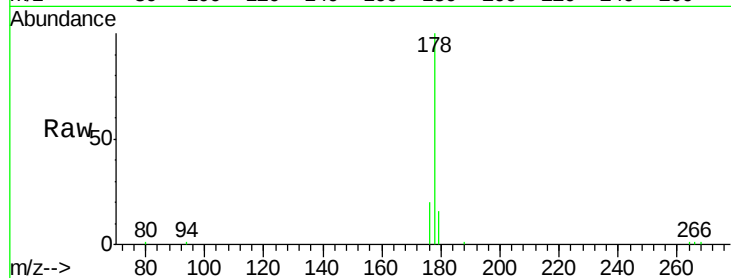
Tgt Ion:178 Resp: 7387

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 20.0 15.8 23.6



#13

Anthracene

Concen: 0.371 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

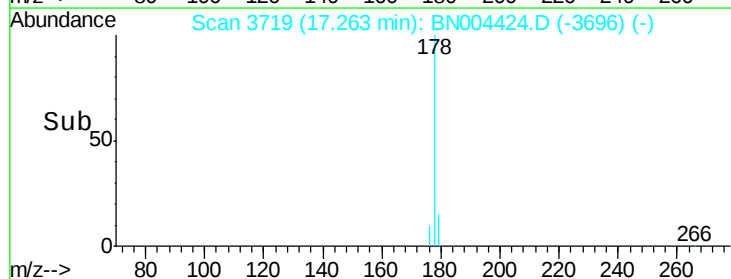
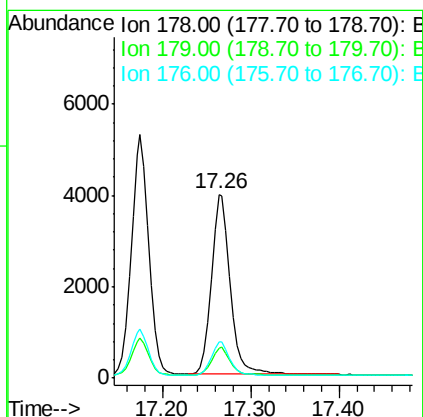
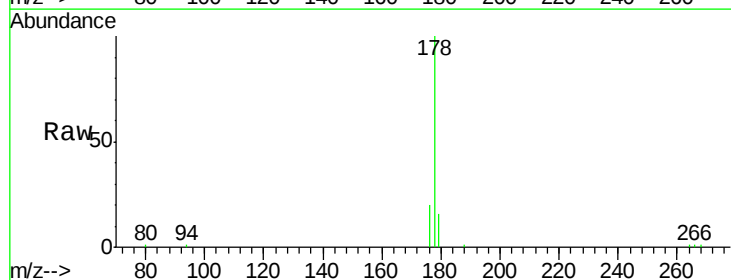
Tgt Ion:178 Resp: 5963

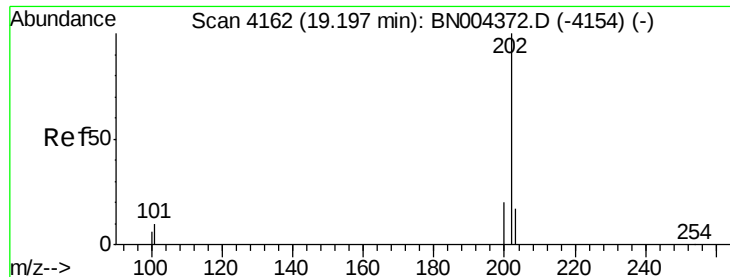
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

176 19.9 15.5 23.3





#15

Fluoranthene

Concen: 0.382 ng/ul

RT: 19.20 min Scan# 4162

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Instrument :

BNA_N

ClientSampleId :

STD0.410

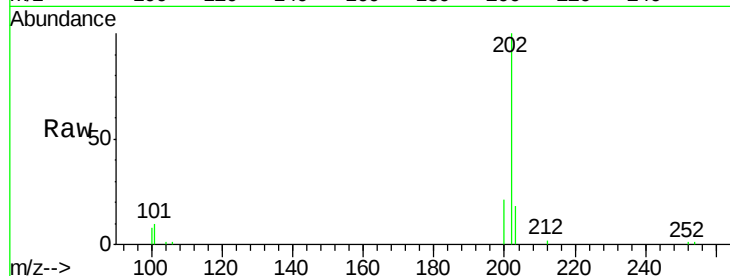
Tgt Ion:202 Resp: 8924

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.4

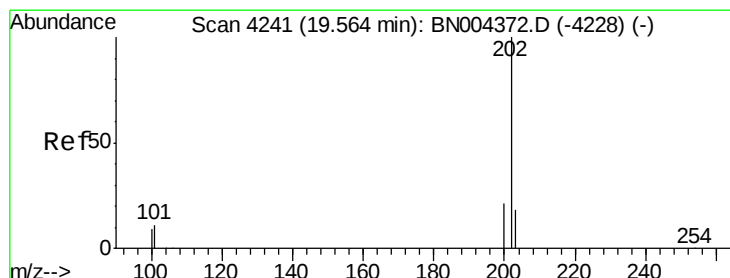
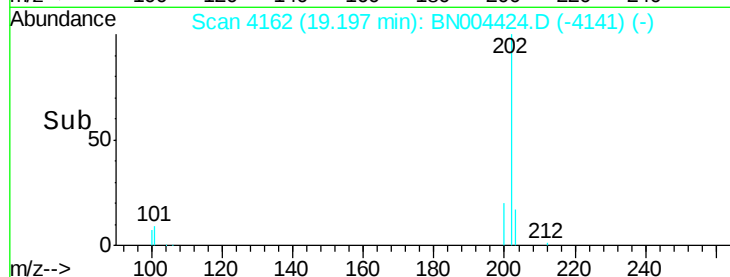
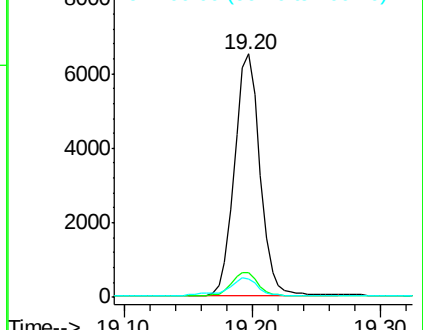
100 7.7 0.0 27.6



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



#17

Pyrene

Concen: 0.363 ng/ul

RT: 19.56 min Scan# 4241

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

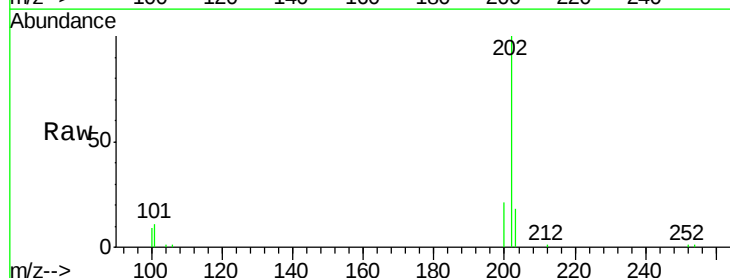
Tgt Ion:202 Resp: 9173

Ion Ratio Lower Upper

202 100

101 10.8 9.0 13.6

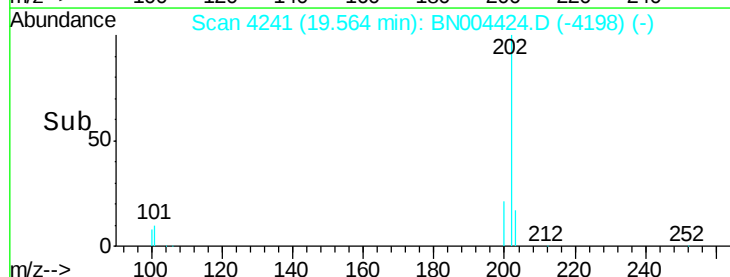
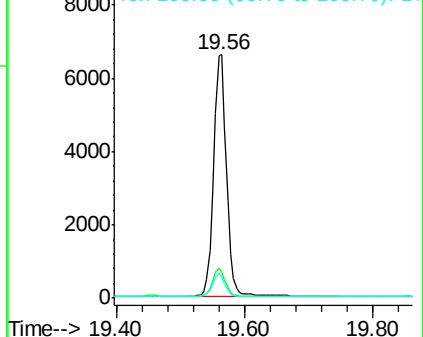
100 8.6 7.4 11.0

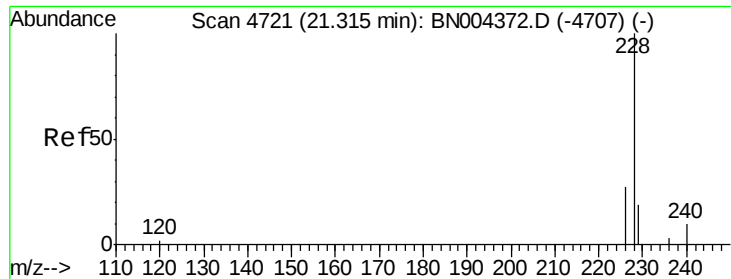


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.363 ng/ul

RT: 21.32 min Scan# 4721

Delta R.T. 0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Instrument :

BNA_N

ClientSampleId :

STD0.410

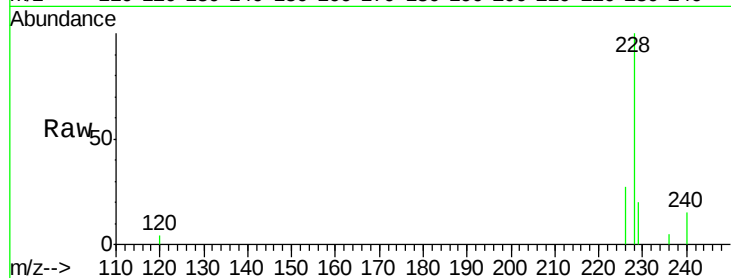
Tgt Ion:228 Resp: 9168

Ion Ratio Lower Upper

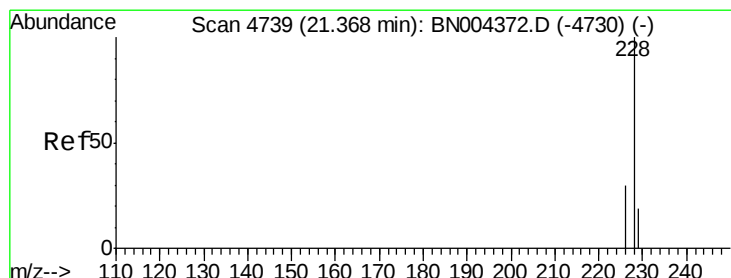
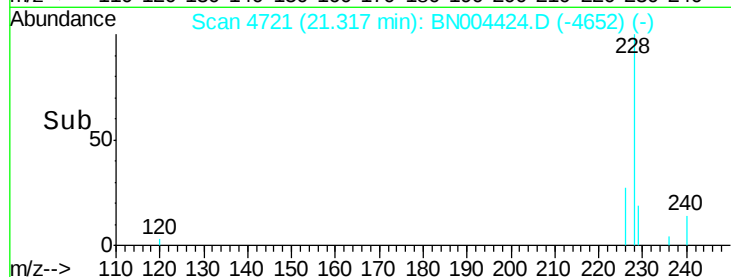
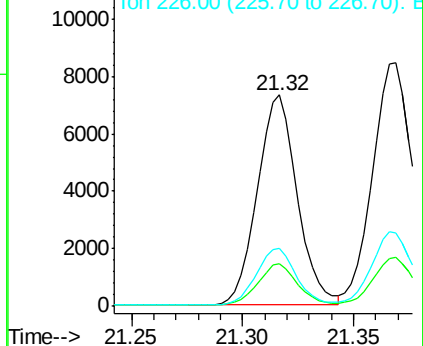
228 100

229 19.9 15.7 23.5

226 27.2 22.1 33.1



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: 0.372 ng/ul

RT: 21.37 min Scan# 4739

Delta R.T. 0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

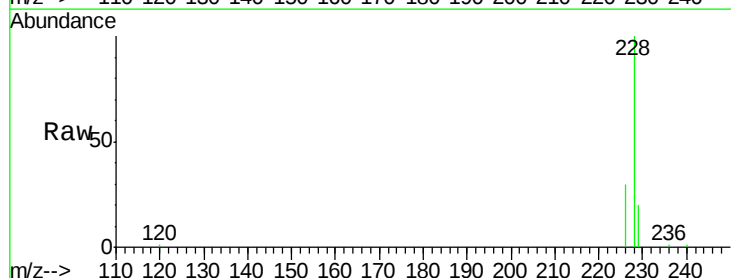
Tgt Ion:228 Resp: 10916

Ion Ratio Lower Upper

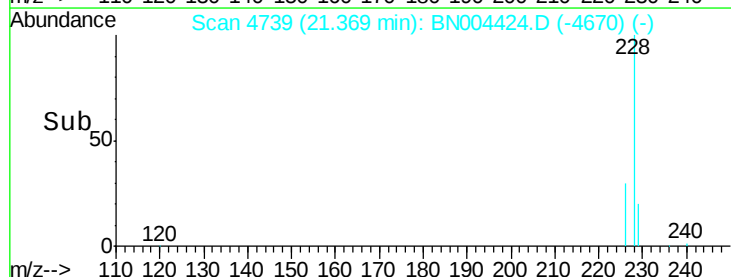
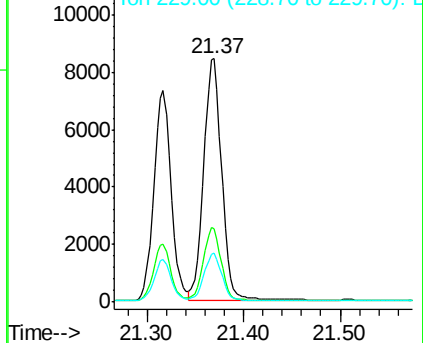
228 100

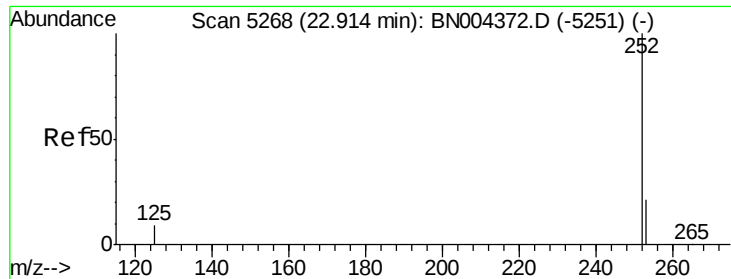
226 30.0 23.8 35.8

229 20.1 15.8 23.6



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: 0.382 ng/ul

RT: 22.91 min Scan# 5267

Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

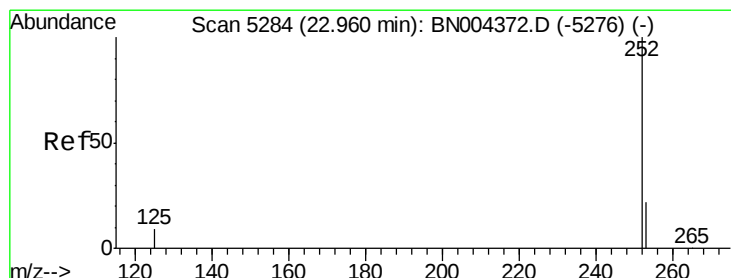
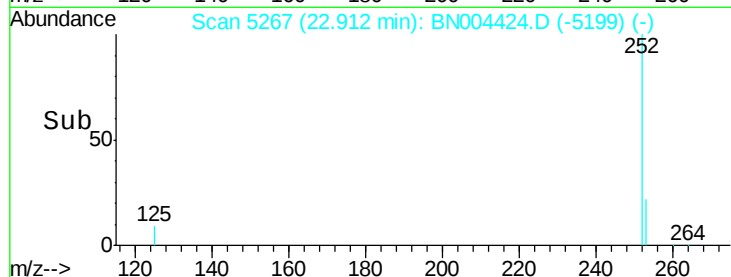
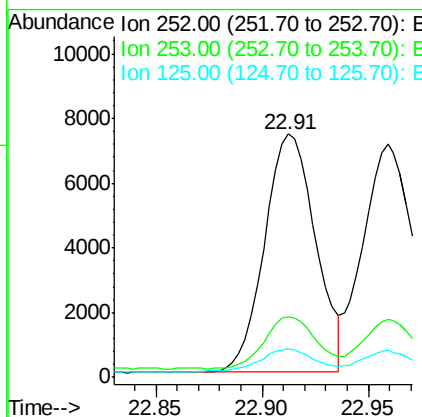
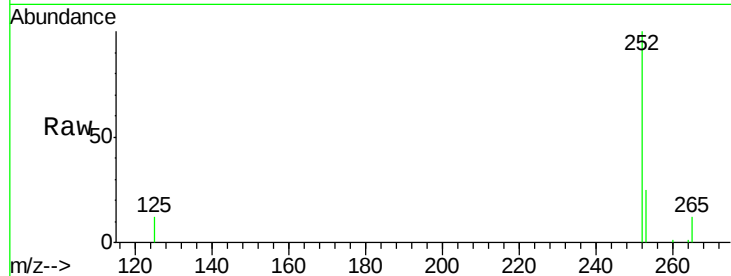
Instrument :

BNA_N

ClientSampleId :

STD0.410

Tgt Ion:	252	Resp:	12307
Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	48.0
125	11.7	0.0	22.8



#22

Benzo(k)fluoranthene

Concen: 0.386 ng/ul

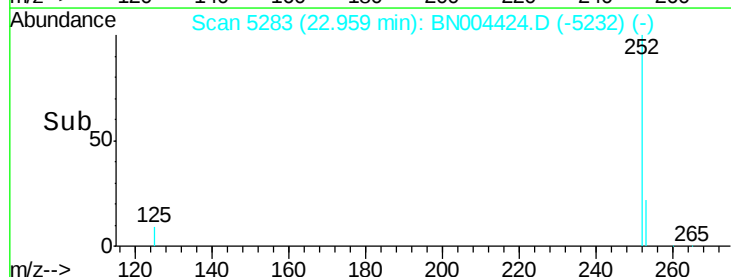
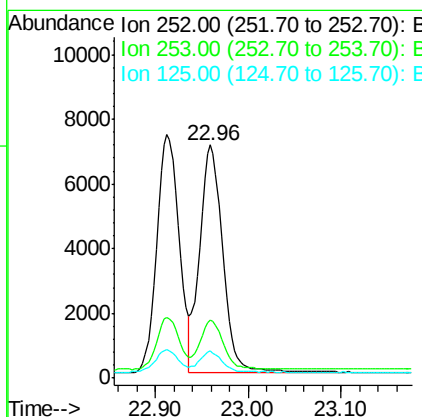
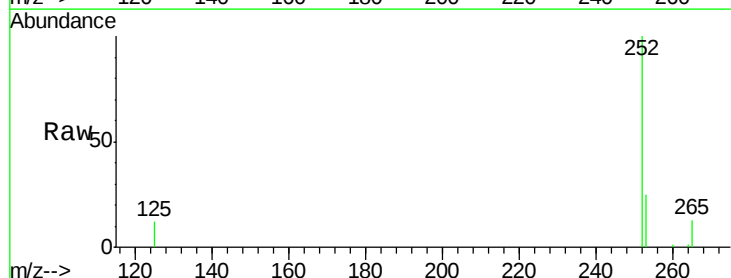
RT: 22.96 min Scan# 5283

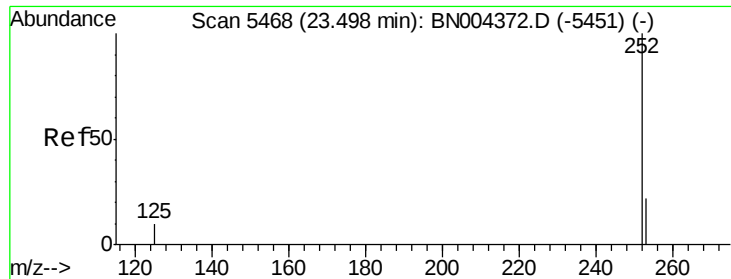
Delta R.T. -0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Tgt Ion:	252	Resp:	12218
Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.5	29.3
125	11.6	9.1	13.7





#23

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.50 min Scan# 5468

Delta R.T. 0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

Instrument :

BNA_N

ClientSampleId :

STD0.410

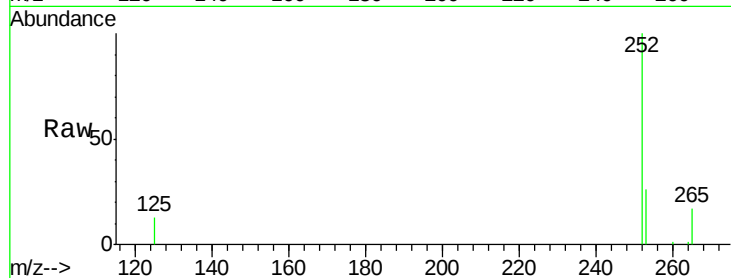
Tgt Ion:252 Resp: 11164

Ion Ratio Lower Upper

252 100

253 26.3 20.4 30.6

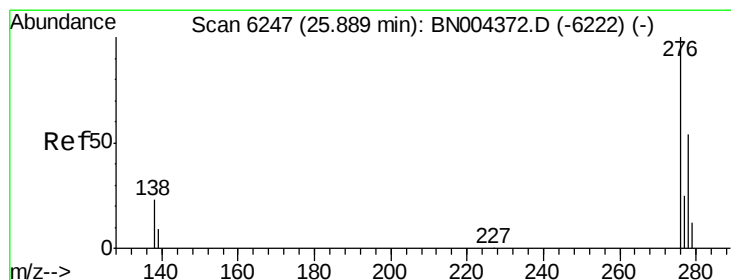
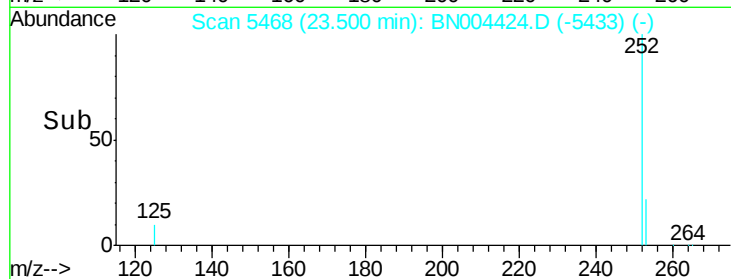
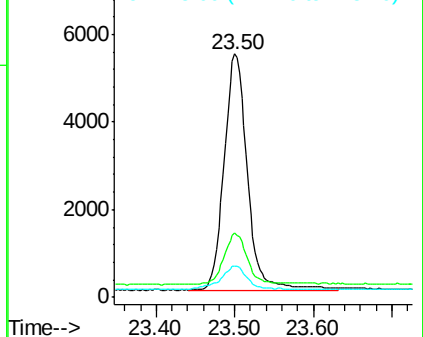
125 12.8 10.6 15.8



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: 0.410 ng/ul

RT: 25.89 min Scan# 6247

Delta R.T. 0.00 min

Lab File: BN004424.D

Acq: 14 Feb 2019 17:27

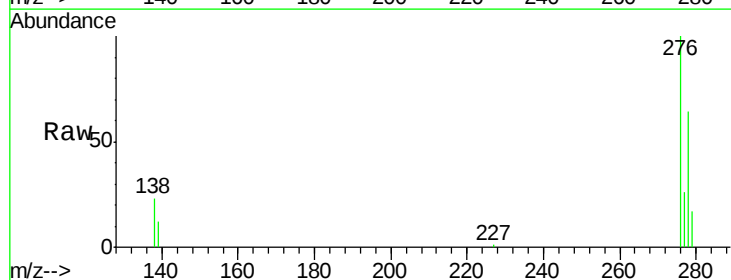
Tgt Ion:276 Resp: 15517

Ion Ratio Lower Upper

276 100

138 23.7 19.1 28.7

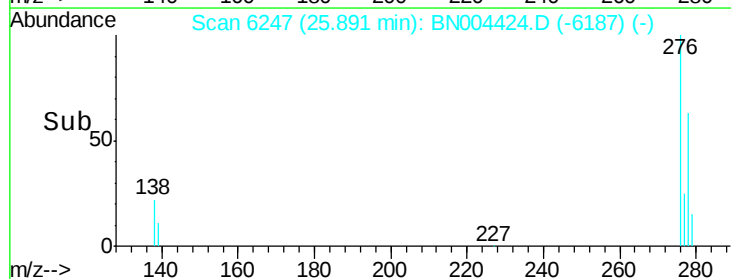
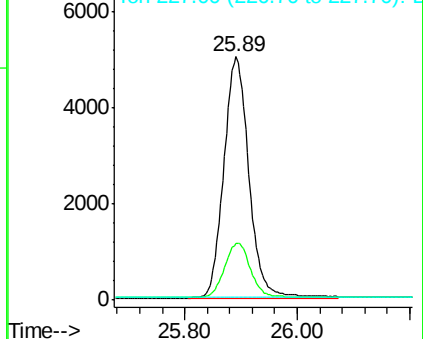
227 0.2 0.2 0.4

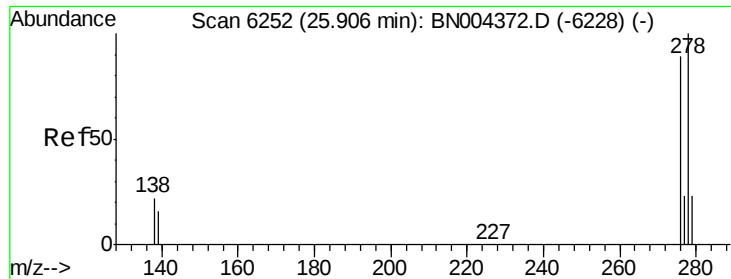


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

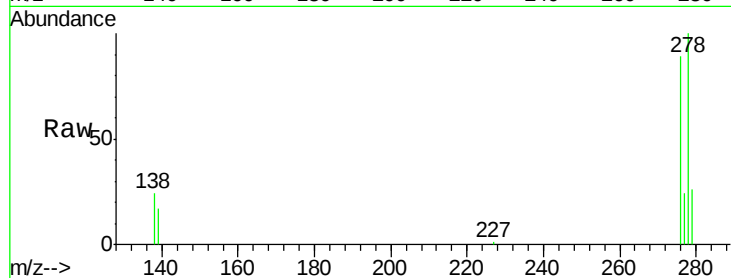




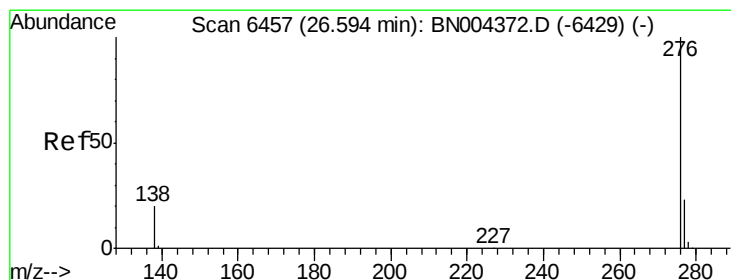
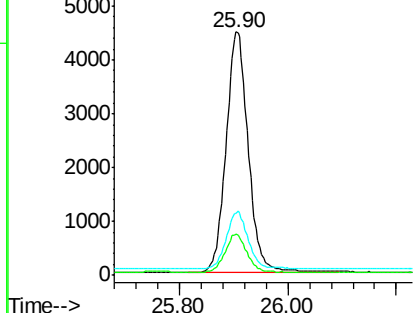
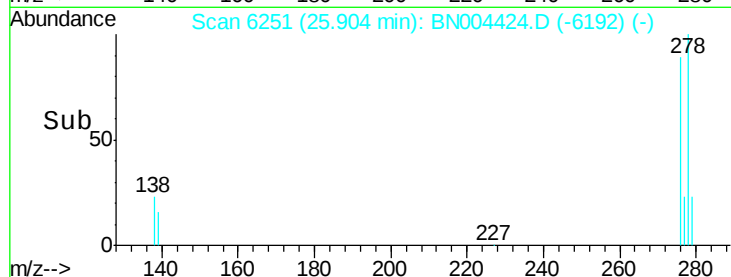
#25
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.90 min Scan# 6251
Delta R.T. -0.00 min
Lab File: BN004424.D
Acq: 14 Feb 2019 17:27

Instrument :
BNA_N
ClientSampleId :
STD0.410

Tgt Ion: 278 Resp: 12773
Ion Ratio Lower Upper
278 100
139 17.1 13.8 20.6
279 25.5 20.4 30.6

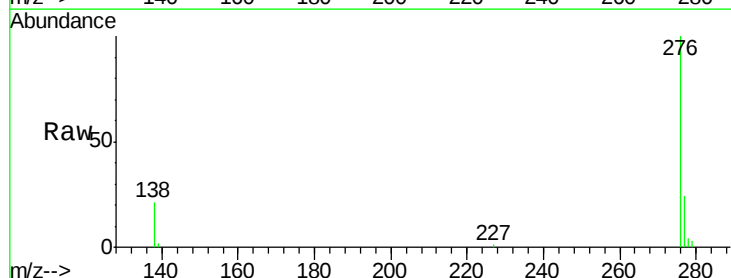


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 26.59 min Scan# 6455
Delta R.T. -0.01 min
Lab File: BN004424.D
Acq: 14 Feb 2019 17:27

Tgt Ion: 276 Resp: 14031
Ion Ratio Lower Upper
276 100
138 21.3 16.8 25.2
277 24.3 19.4 29.0



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

