

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021419\
 Data File : BN004415.D
 Acq On : 14 Feb 2019 11:33
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STD0.409

Quant Time: Feb 14 14:19:22 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	1141	0.40	ng/ul	0.00
2) Naphthalene-d8	10.53	136	4621	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	2829	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	7671	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	10142	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	10294	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2981	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	9511	0.40	ng/ul	0.00

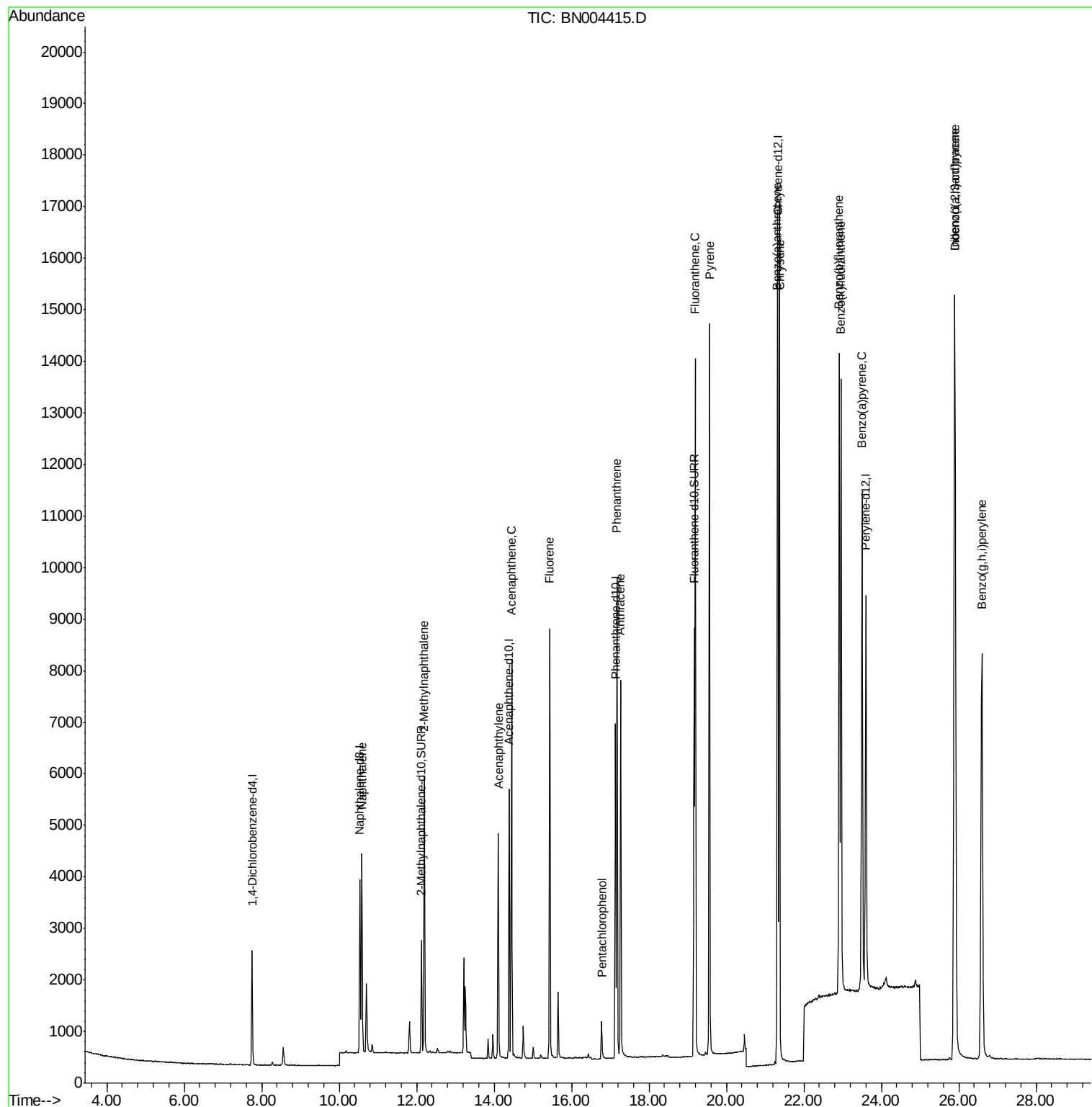
Target Compounds						Ovalue
3) Naphthalene	10.58	128	5191	0.39	ng/ul	100
5) 2-Methylnaphthalene	12.20	142	3854	0.41	ng/ul	99
7) Acenaphthylene	14.11	152	5089	0.39	ng/ul	99
8) Acenaphthene	14.45	153	4412	0.39	ng/ul	99
9) Fluorene	15.43	166	5316	0.40	ng/ul	99
11) Pentachlorophenol	16.77	266	553	0.34	ng/ul	96
12) Phenanthrene	17.17	178	9682	0.39	ng/ul	100
13) Anthracene	17.27	178	8255	0.39	ng/ul	99
15) Fluoranthene	19.20	202	11869	0.39	ng/ul	99
17) Pyrene	19.56	202	12127	0.37	ng/ul	99
18) Benzo(a)anthracene	21.31	228	12247	0.37	ng/ul	99
19) Chrysene	21.37	228	13953	0.37	ng/ul	100
21) Benzo(b)fluoranthene	22.91	252	15603	0.38	ng/ul	99
22) Benzo(k)fluoranthene	22.96	252	15153	0.37	ng/ul	99
23) Benzo(a)pyrene	23.50	252	14363	0.39	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.89	276	18886	0.39	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.90	278	15443	0.39	ng/ul	99
26) Benzo(g,h,i)perylene	26.59	276	16846	0.38	ng/ul	99

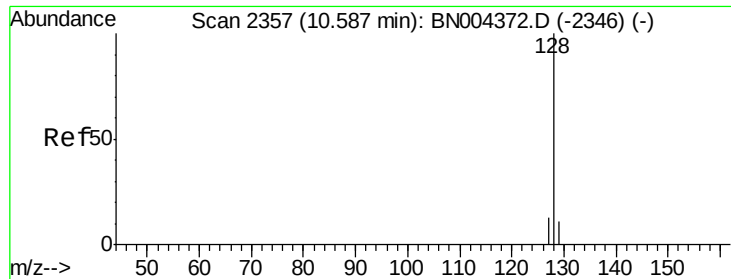
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN004415.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN021119.M
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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.58 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

Instrument :

BNA_N

ClientSampleId :

STD0.409

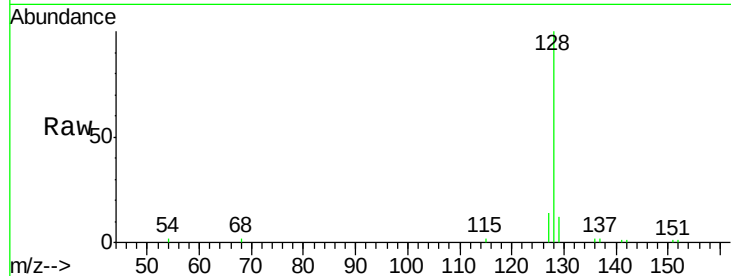
Tot Ion:128 Resp: 5191

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

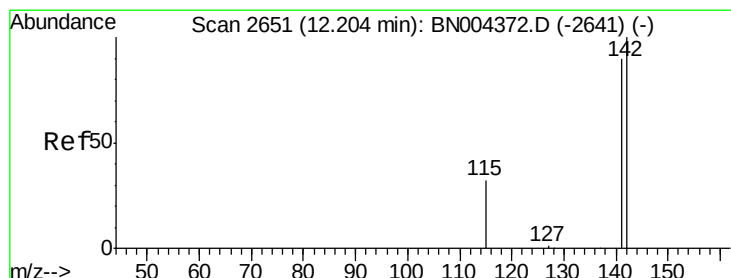
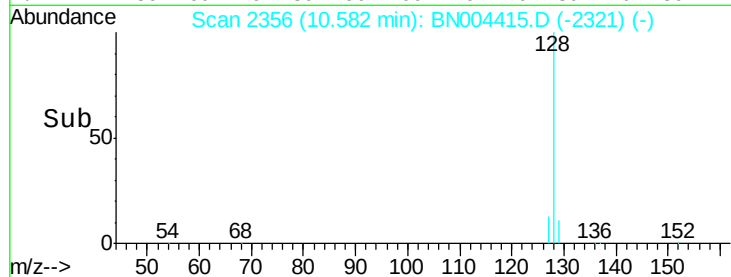
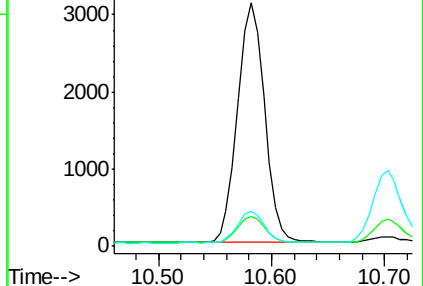
127 14.4 11.4 17.0



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: 0.41 ng/ul

RT: 12.20 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BN004415.D

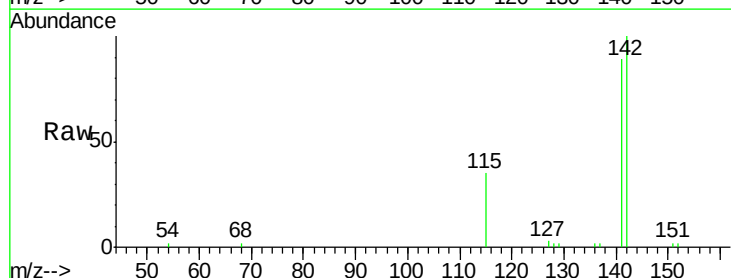
Acq: 14 Feb 2019 11:33

Tgt Ion:142 Resp: 3854

Ion Ratio Lower Upper

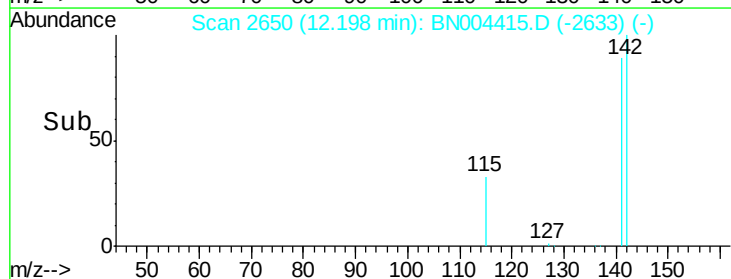
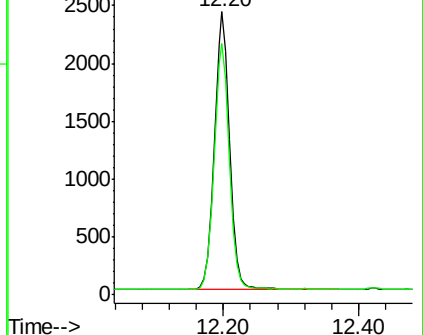
142 100

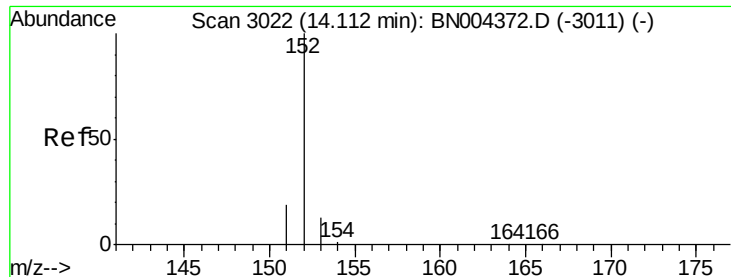
141 88.9 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.11 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

Instrument :

BNA_N

ClientSampleId :

STD0.409

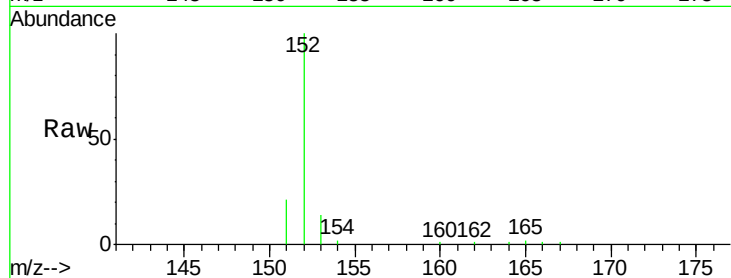
Tot Ion:152 Resp: 5089

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

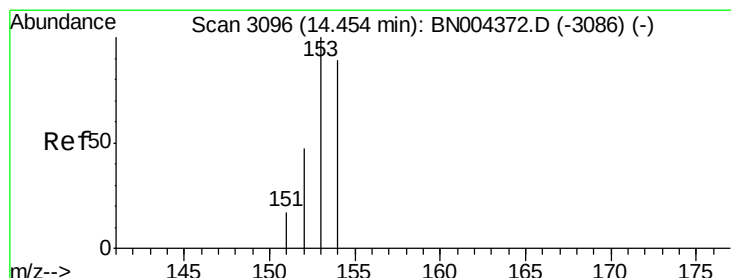
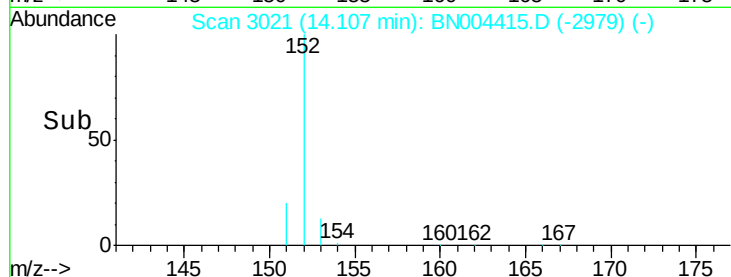
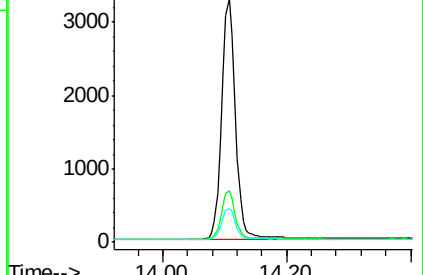
153 14.1 11.1 16.7



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: 0.39 ng/ul

RT: 14.45 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

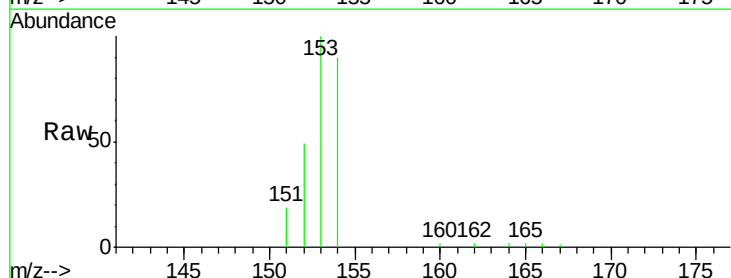
Tgt Ion:153 Resp: 4412

Ion Ratio Lower Upper

153 100

152 49.3 38.4 57.6

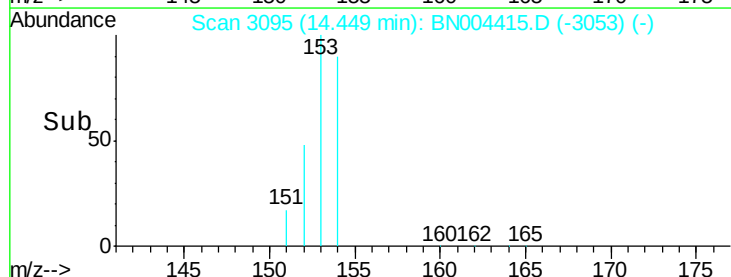
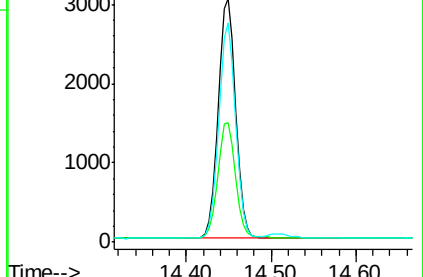
154 89.8 71.4 107.0

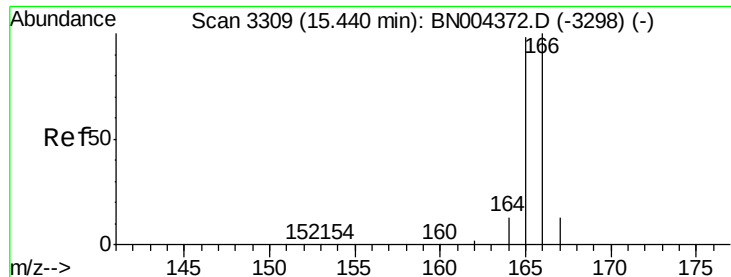


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

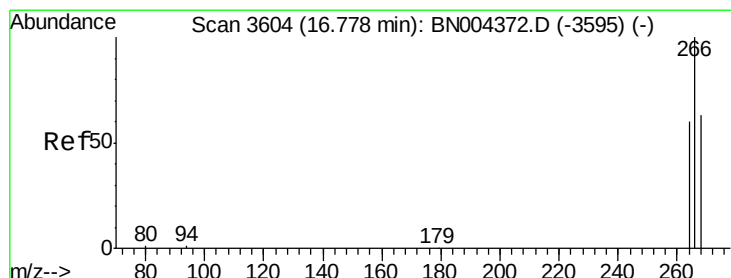
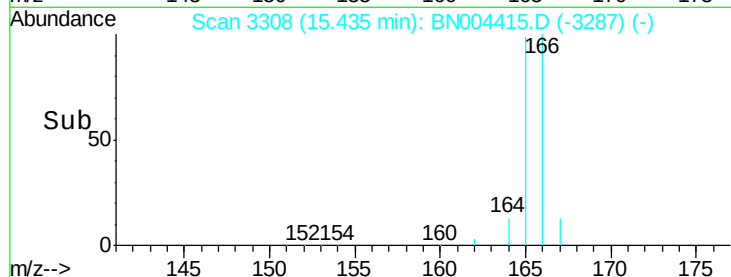
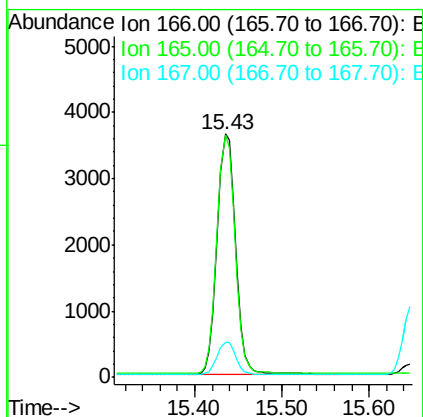
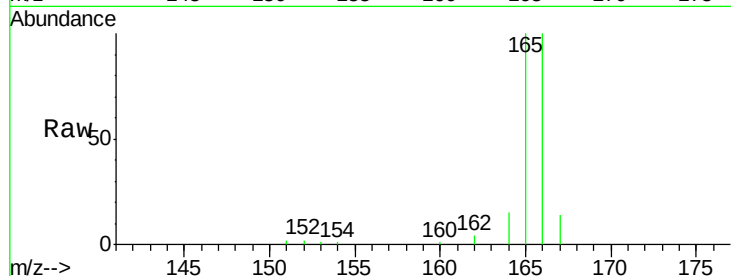




#9
Fluorene
 Concen: 0.40 ng/ul
 RT: 15.43 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BN004415.D
 Acq: 14 Feb 2019 11:33

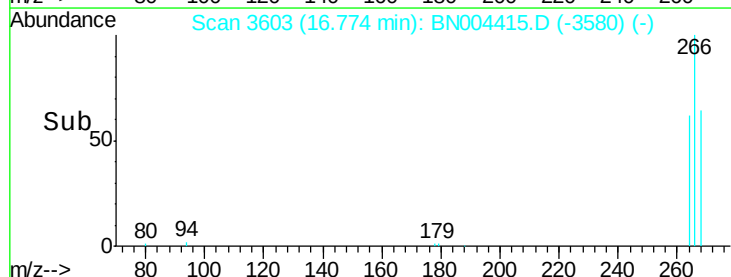
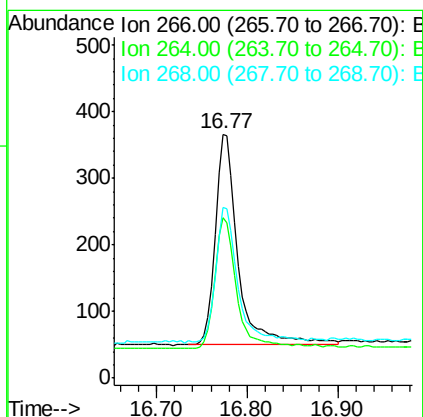
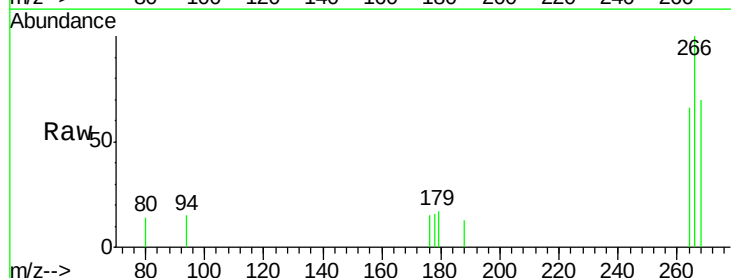
Instrument :
 BNA_N
 ClientSampleId :
 STD0.409

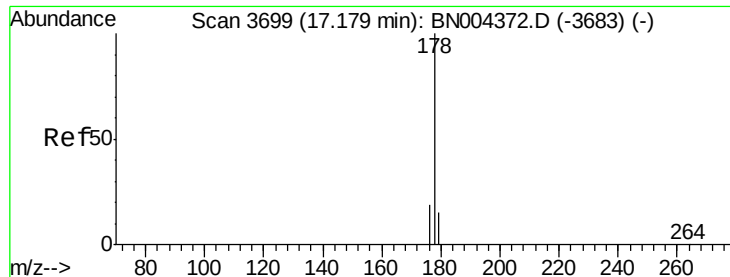
Tot Ion:166 Resp: 5316
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.9 118.3
 167 14.5 11.6 17.4



#11
Pentachlorophenol
 Concen: 0.34 ng/ul
 RT: 16.77 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: BN004415.D
 Acq: 14 Feb 2019 11:33

Tgt Ion:266 Resp: 553
 Ion Ratio Lower Upper
 266 100
 264 61.5 52.3 78.5
 268 63.7 49.0 73.6





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

Instrument :

BNA_N

ClientSampleId :

STD0.409

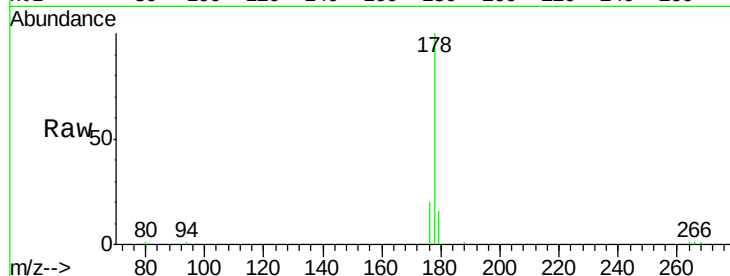
Tot Ion:178 Resp: 9682

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

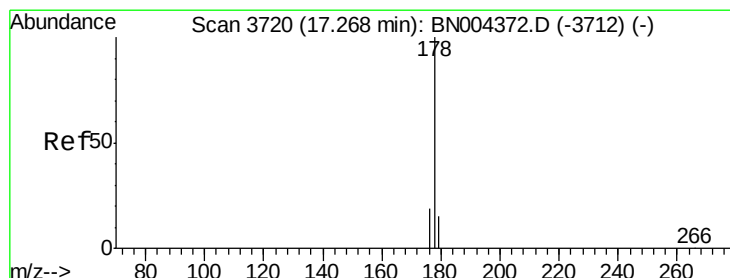
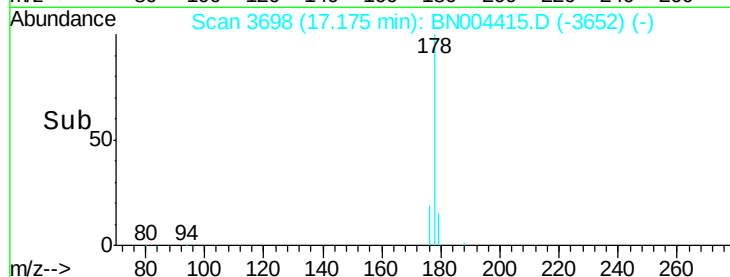
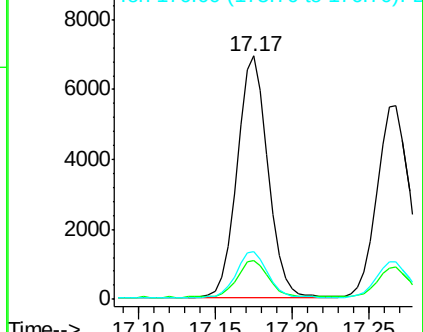
176 19.6 15.8 23.6



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



#13

Anthracene

Concen: 0.39 ng/ul

RT: 17.27 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

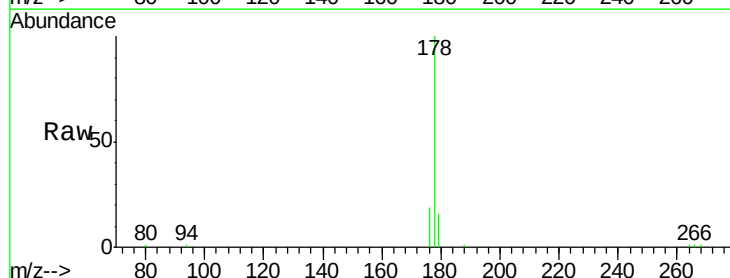
Tgt Ion:178 Resp: 8255

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

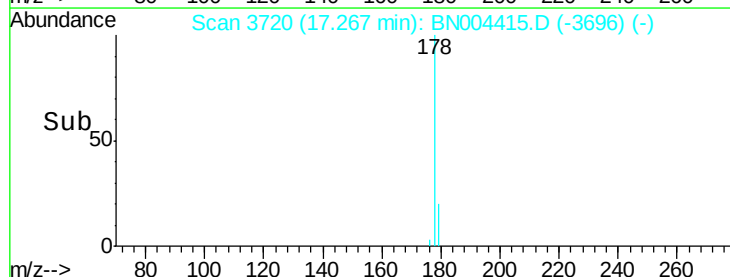
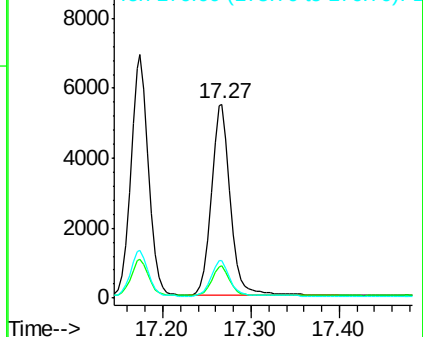
176 19.1 15.5 23.3

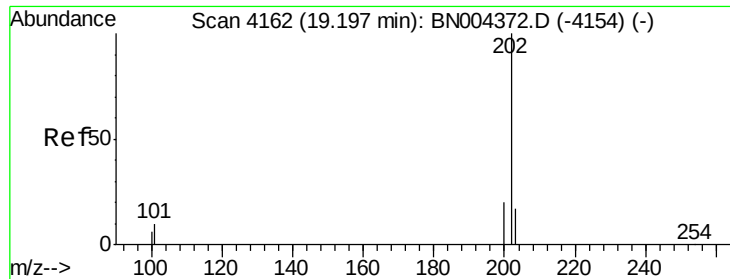


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

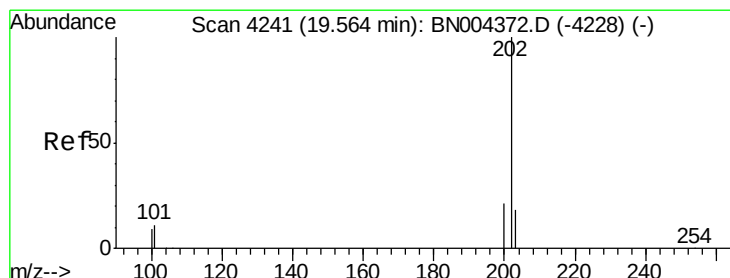
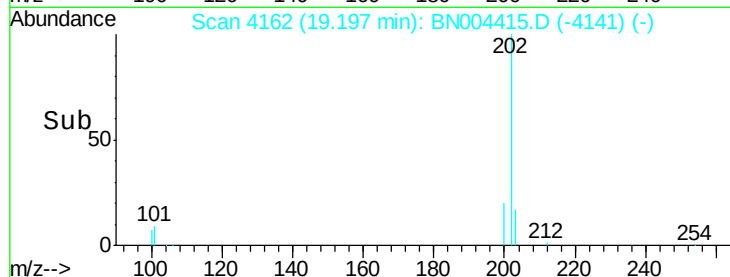
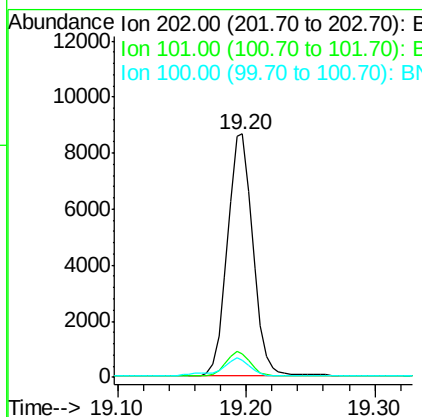
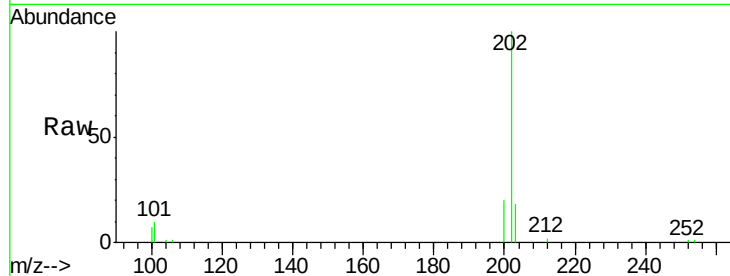




#15
Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.20 min Scan# 4162
 Delta R.T. -0.00 min
 Lab File: BN004415.D
 Acq: 14 Feb 2019 11:33

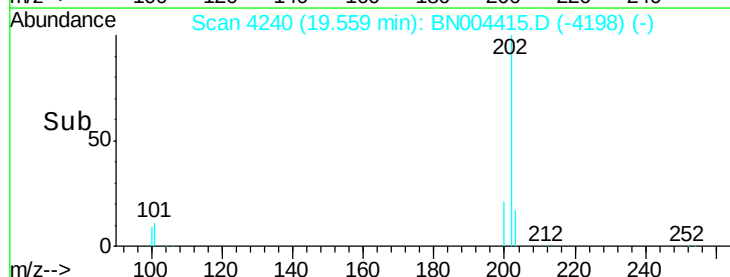
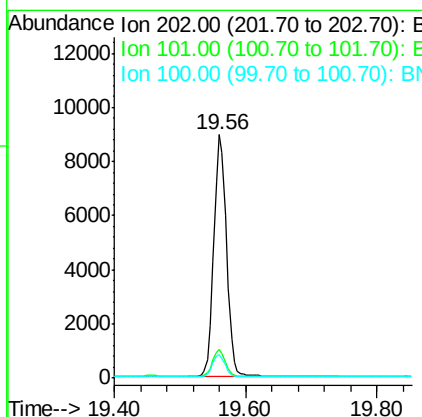
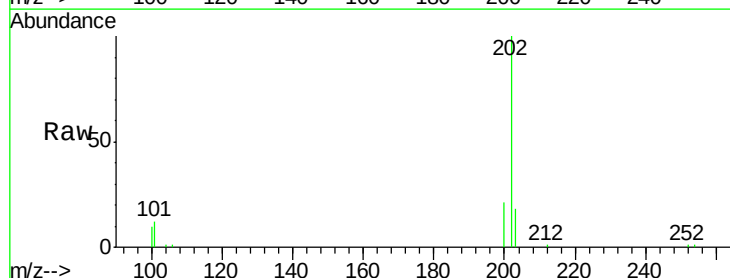
Instrument :
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 STD0.409

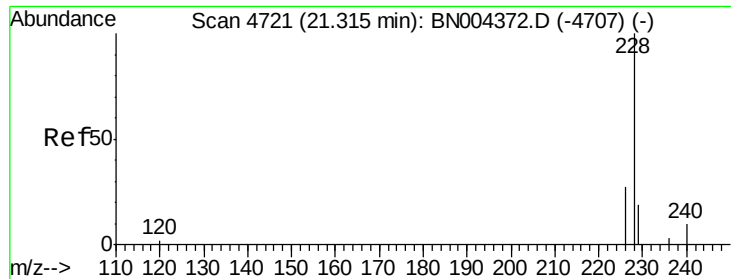
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.4
100	7.2	0.0	27.6



#17
Pyrene
 Concen: 0.37 ng/ul
 RT: 19.56 min Scan# 4240
 Delta R.T. -0.00 min
 Lab File: BN004415.D
 Acq: 14 Feb 2019 11:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.6
100	9.6	7.4	11.0





#18

Benzo(a)anthracene

Concen: 0.37 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

Instrument :

BNA_N

ClientSampleId :

STD0.409

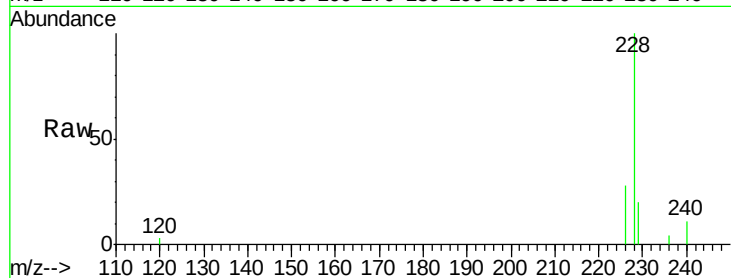
Tot Ion:228 Resp: 12247

Ion Ratio Lower Upper

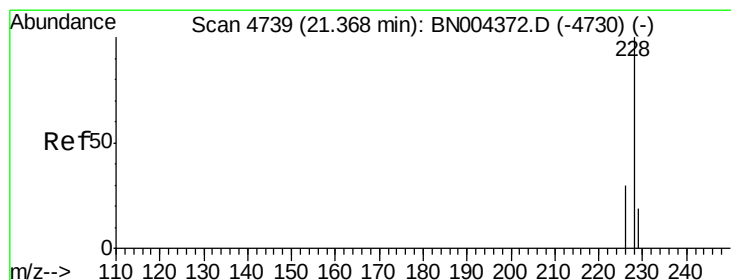
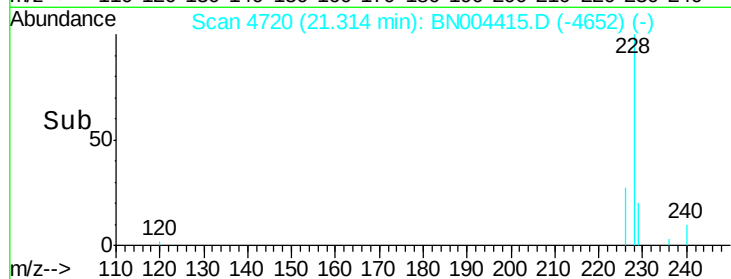
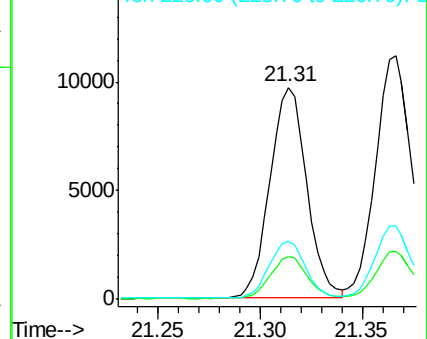
228 100

229 20.3 15.7 23.5

226 27.7 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: 0.37 ng/ul

RT: 21.37 min Scan# 4738

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

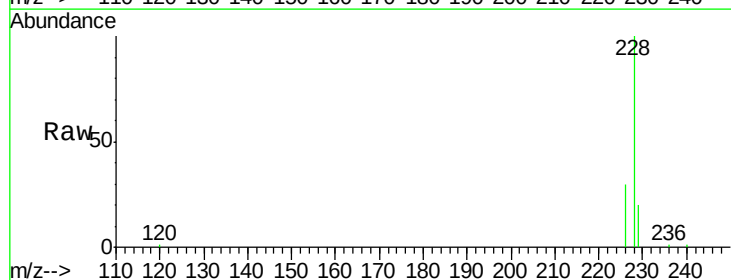
Tgt Ion:228 Resp: 13953

Ion Ratio Lower Upper

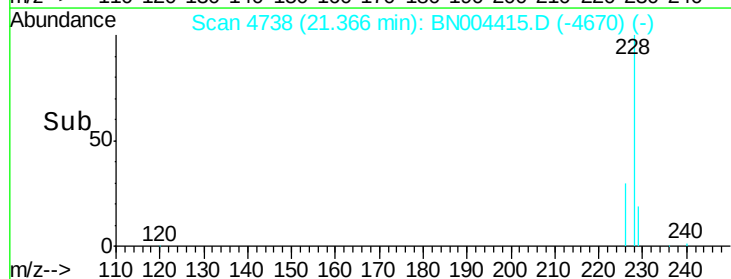
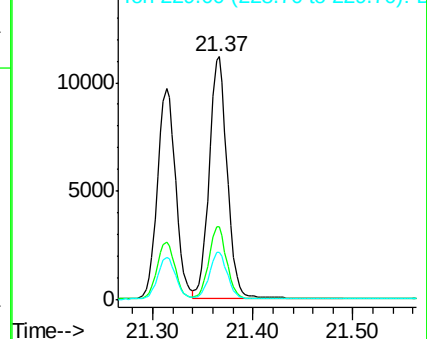
228 100

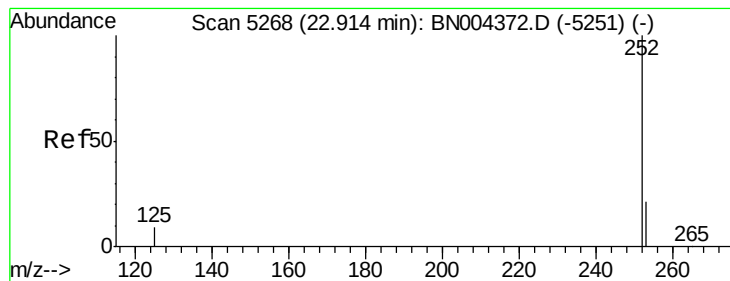
226 29.9 23.8 35.8

229 19.6 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: 0.38 ng/ul

RT: 22.91 min Scan# 5267

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

Instrument :

BNA_N

ClientSampleId :

STD0.409

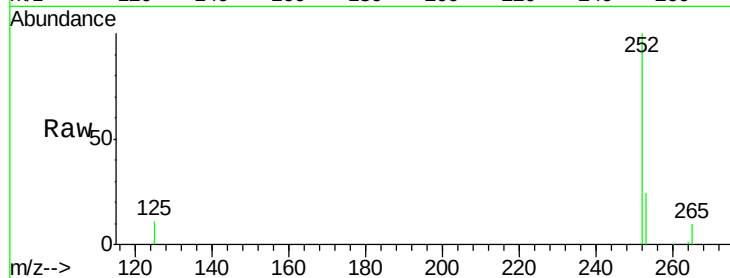
Tot Ion:252 Resp: 15603

Ion Ratio Lower Upper

252 100

253 24.3 0.0 48.0

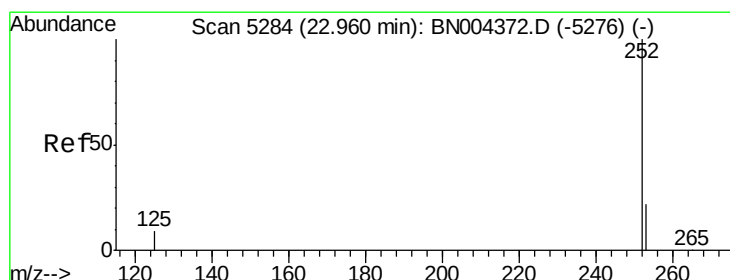
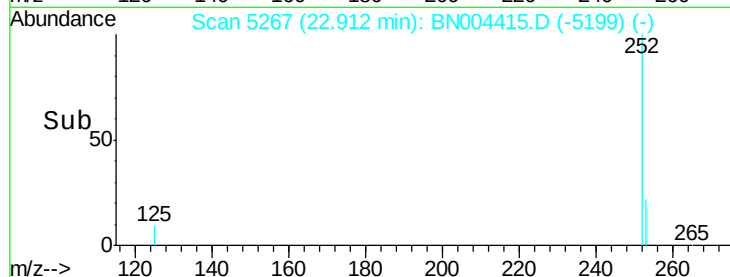
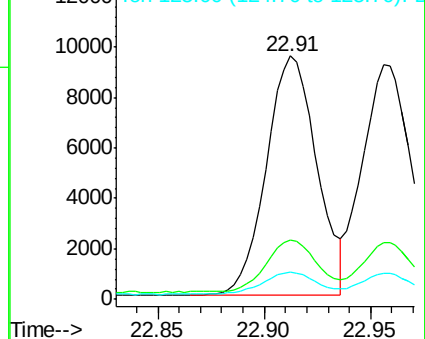
125 11.1 0.0 22.8



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



#22

Benzo(k)fluoranthene

Concen: 0.37 ng/ul

RT: 22.96 min Scan# 5282

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

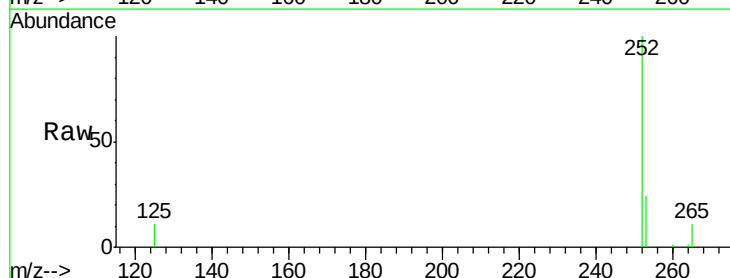
Tgt Ion:252 Resp: 15153

Ion Ratio Lower Upper

252 100

253 24.1 19.5 29.3

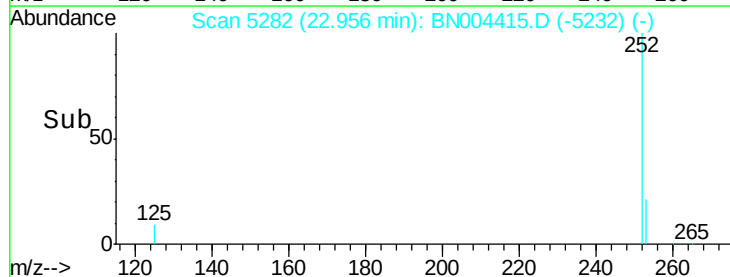
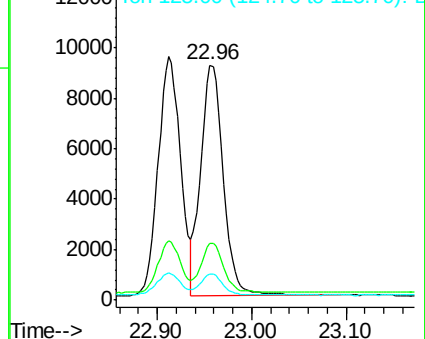
125 11.0 9.1 13.7

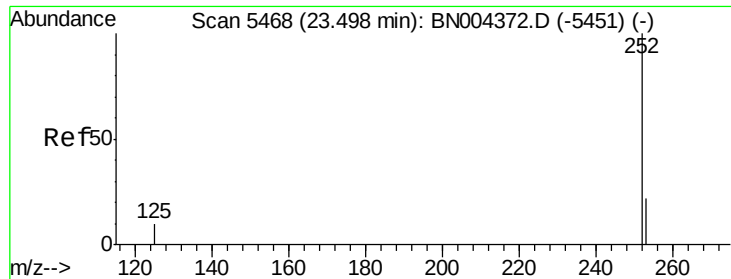


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.39 ng/ul

RT: 23.50 min Scan# 5468

Delta R.T. 0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

Instrument :

BNA_N

ClientSampleId :

STD0.409

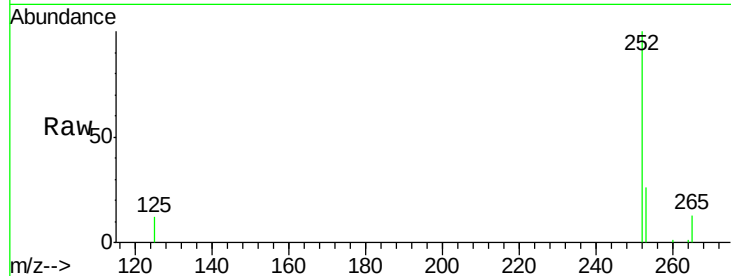
Tot Ion:252 Resp: 14363

Ion Ratio Lower Upper

252 100

253 25.7 20.4 30.6

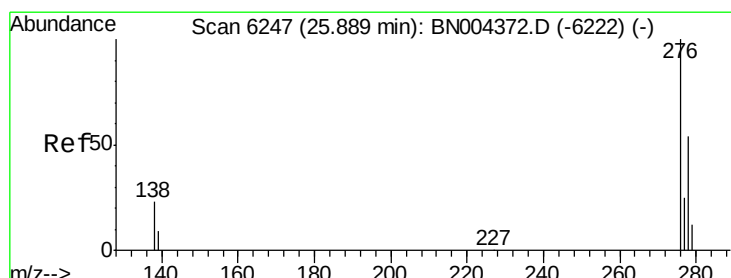
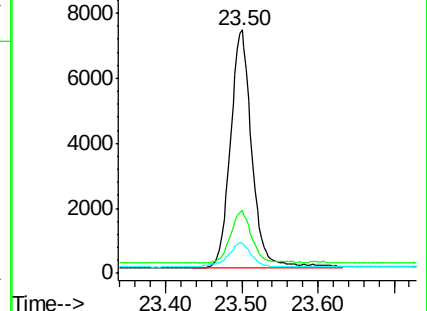
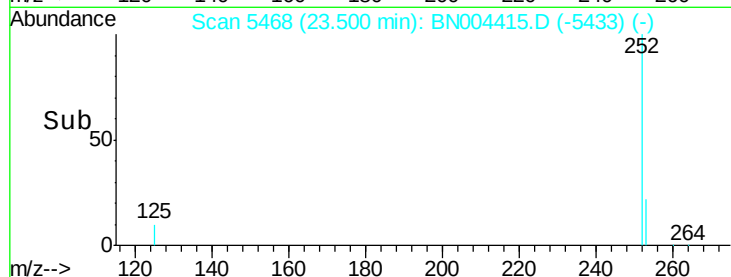
125 12.4 10.6 15.8



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: 0.39 ng/ul

RT: 25.89 min Scan# 6246

Delta R.T. -0.00 min

Lab File: BN004415.D

Acq: 14 Feb 2019 11:33

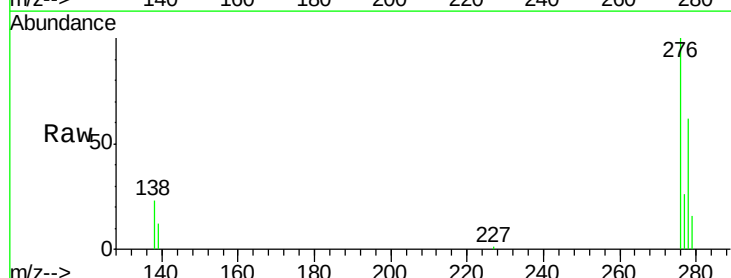
Tgt Ion:276 Resp: 18886

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

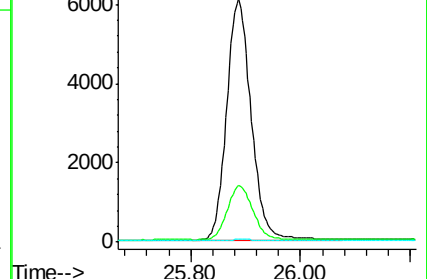
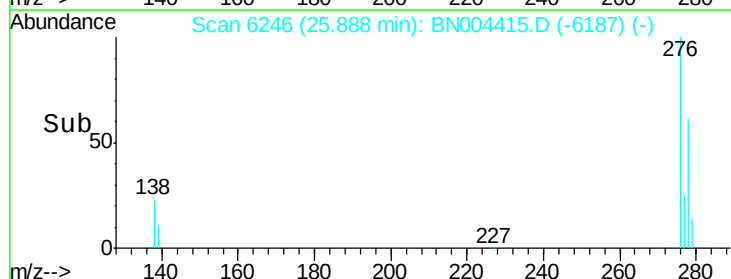
227 0.2 0.2 0.4#

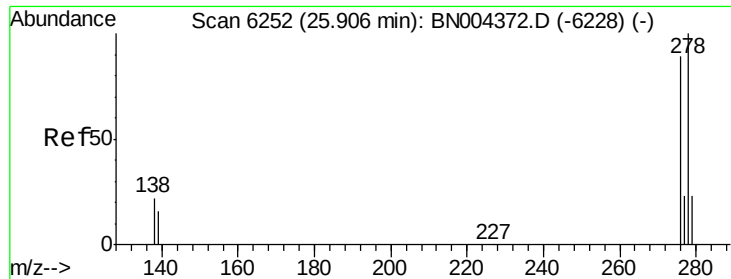


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



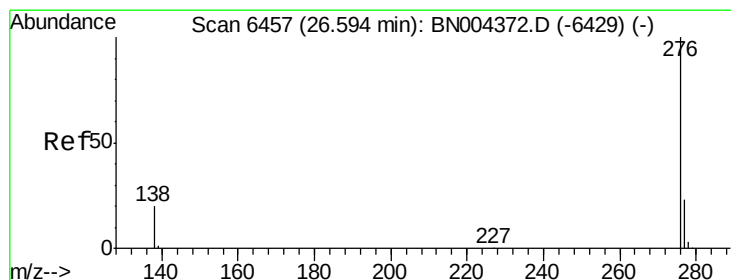
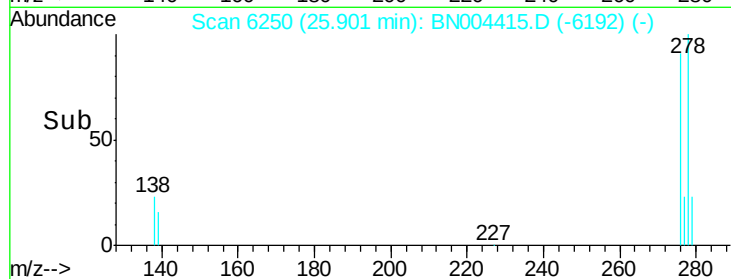
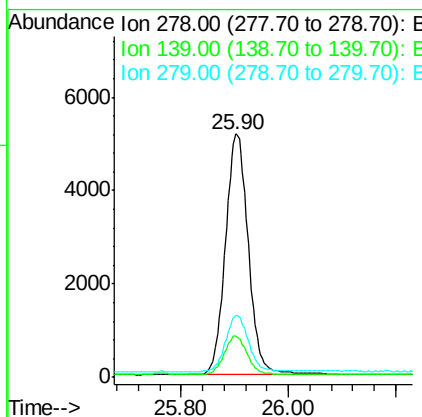
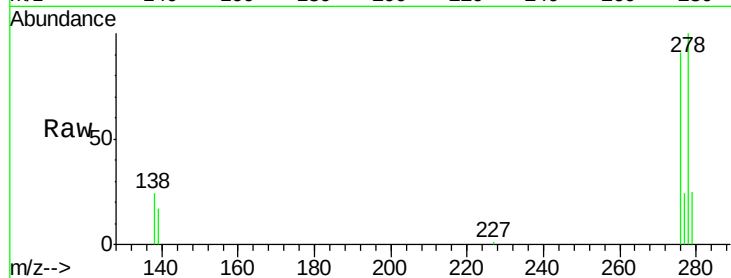


#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 25.90 min Scan# 6250
Delta R.T. -0.01 min
Lab File: BN004415.D
Acq: 14 Feb 2019 11:33

Instrument :
BNA_N
ClientSampleId :
STD0.409

Tot Ion:278 Resp: 15443

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.6
279	25.2	20.4	30.6



#26
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.59 min Scan# 6456
Delta R.T. -0.00 min
Lab File: BN004415.D
Acq: 14 Feb 2019 11:33

Tgt Ion:276 Resp: 16846

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.8	25.2
277	24.3	19.4	29.0

