

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012213.D
 Acq On : 15 Oct 2020 02:21
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 02:50:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

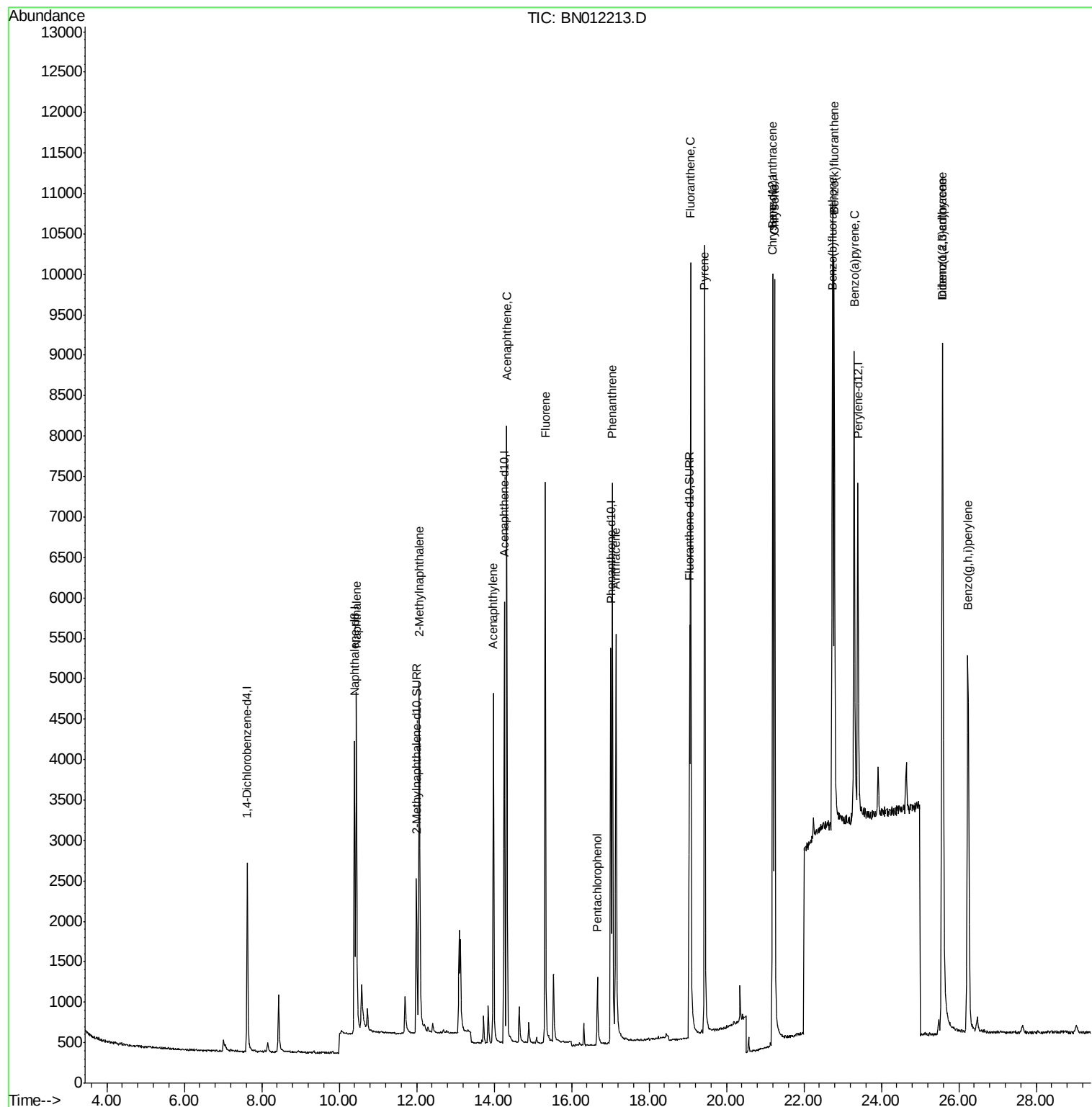
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	5555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3138	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6428	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5489	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5525	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3230	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	6493	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	6221	0.388	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	3963	0.389	ng/ul	99
7) Acenaphthylene	13.98	152	5268	0.387	ng/ul	100
8) Acenaphthene	14.32	153	4483	0.390	ng/ul	99
9) Fluorene	15.32	166	4998	0.390	ng/ul	99
11) Pentachlorophenol	16.67	266	723	0.389	ng/ul	98
12) Phenanthrene	17.05	178	7935	0.387	ng/ul	99
13) Anthracene	17.15	178	6722	0.382	ng/ul	99
15) Fluoranthene	19.07	202	8952	0.374	ng/ul	99
17) Pyrene	19.44	202	9357	0.378	ng/ul	99
18) Benzo(a)anthracene	21.19	228	7676	0.378	ng/ul	98
19) Chrysene	21.24	228	9466	0.382	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	9341	0.419	ng/ul	98
22) Benzo(k)fluoranthene	22.78	252	9890	0.400	ng/ul	96
23) Benzo(a)pyrene	23.30	252	8665	0.399	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	11278	0.404	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	9112	0.408	ng/ul	95
26) Benzo(g,h,i)perylene	26.23	276	10209	0.399	ng/ul	98

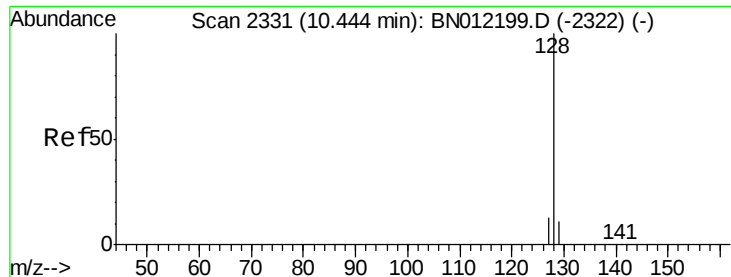
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.388 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

Instrument :

BNA_N

ClientSampleId :

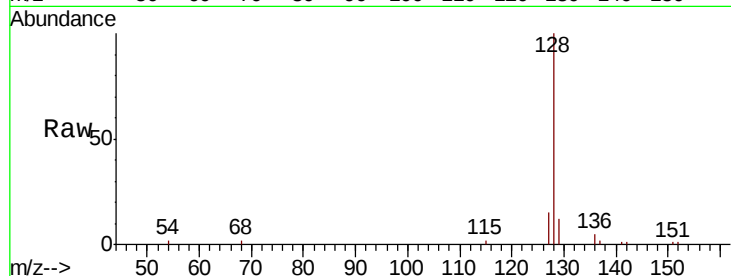
Tot Ion:128 Resp: 6221

Ion Ratio Lower Upper

128 100

129 12.2 10.3 15.5

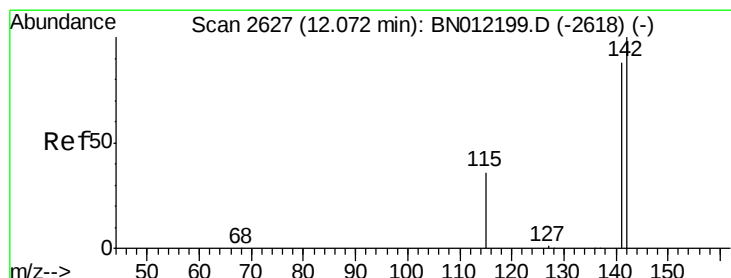
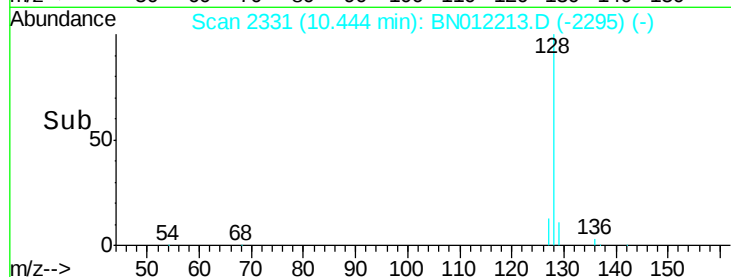
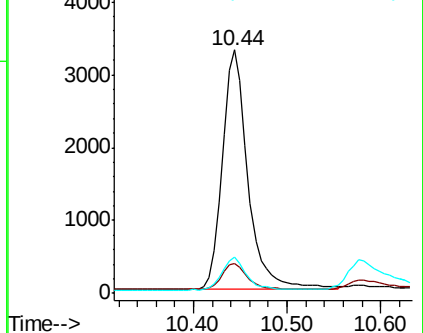
127 14.7 11.9 17.9



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: 0.389 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN012213.D

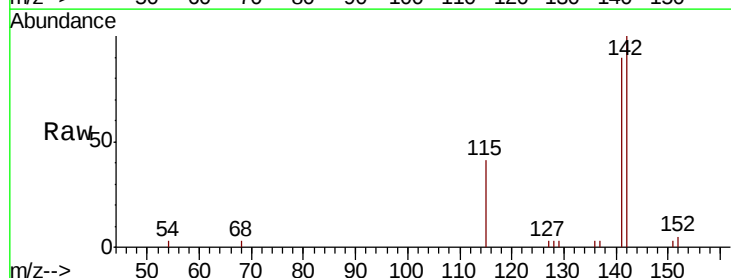
Acq: 15 Oct 2020 02:21

Tgt Ion:142 Resp: 3963

Ion Ratio Lower Upper

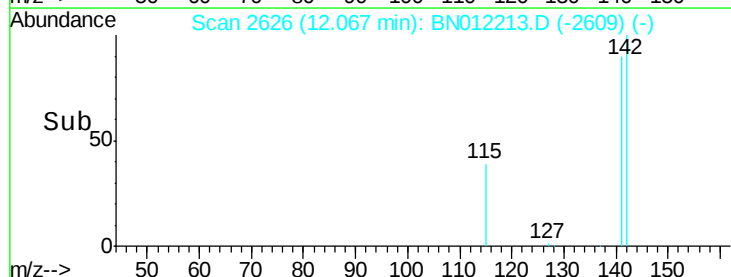
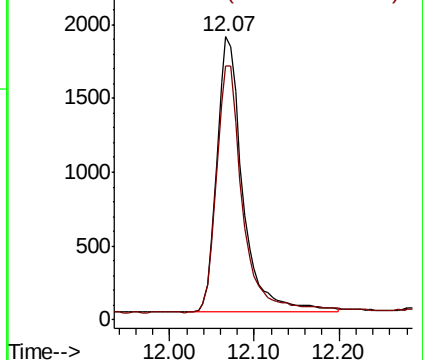
142 100

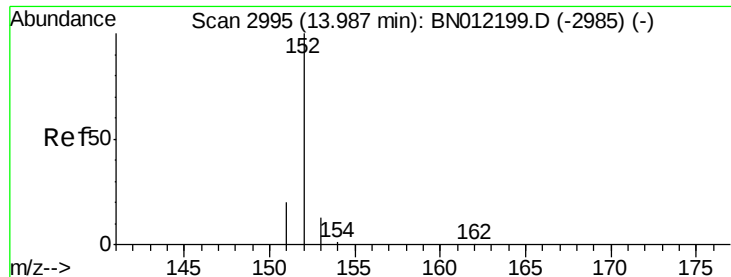
141 90.7 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.387 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

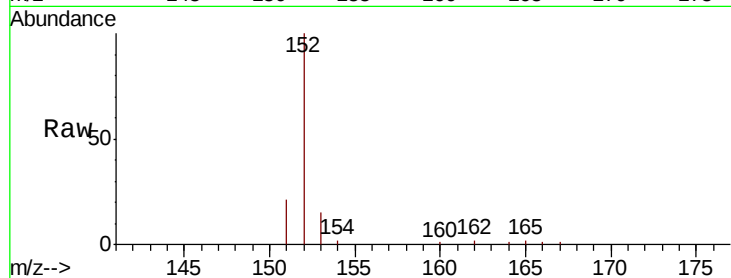
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 5268

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1
153	15.1	11.8	17.8

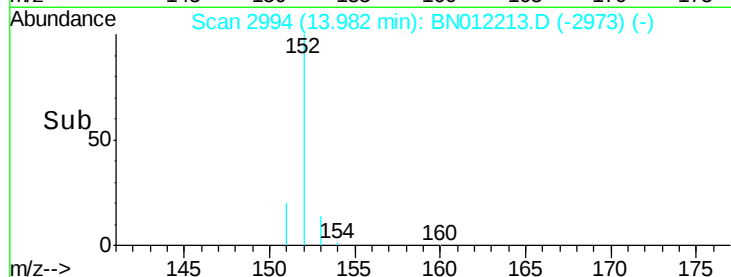
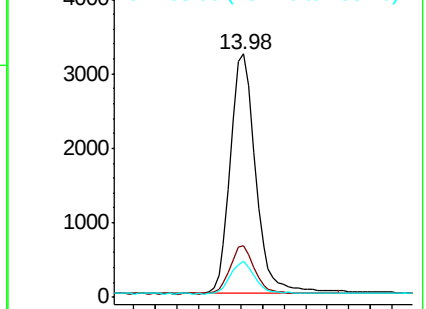


Abundance

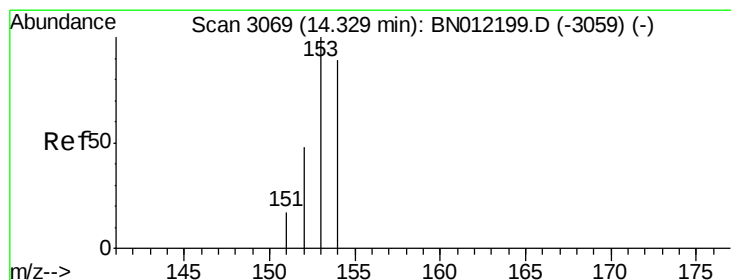
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.390 ng/ul

RT: 14.32 min Scan# 3068

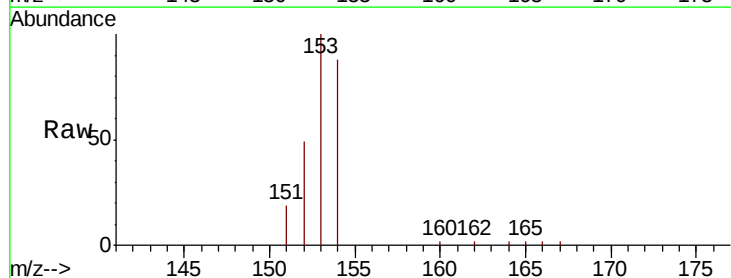
Delta R.T. -0.00 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

Tgt Ion:153 Resp: 4483

Ion	Ratio	Lower	Upper
153	100		
152	48.9	38.2	57.2
154	87.8	71.1	106.7

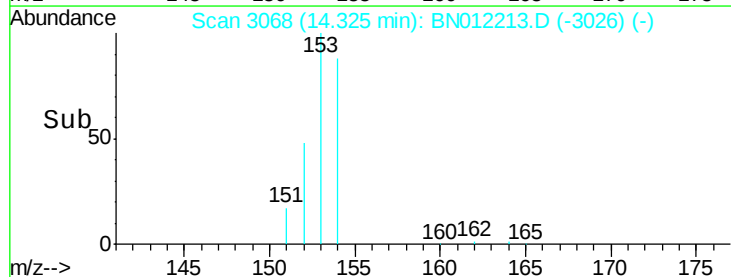
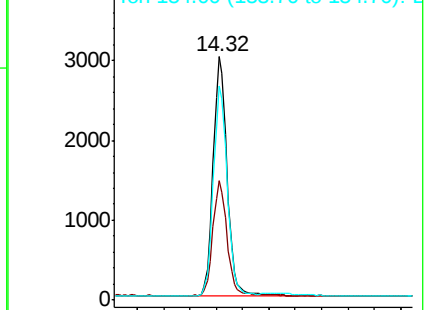


Abundance

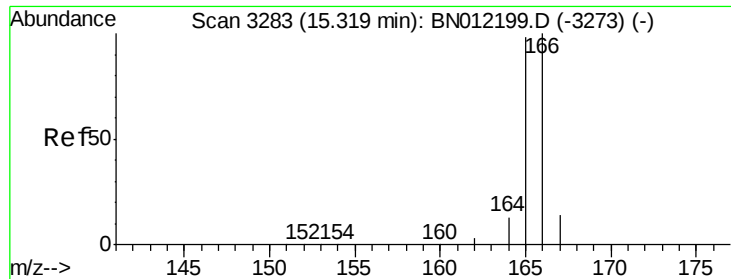
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.390 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. 0.00 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

Instrument :

BNA_N

ClientSampleId :

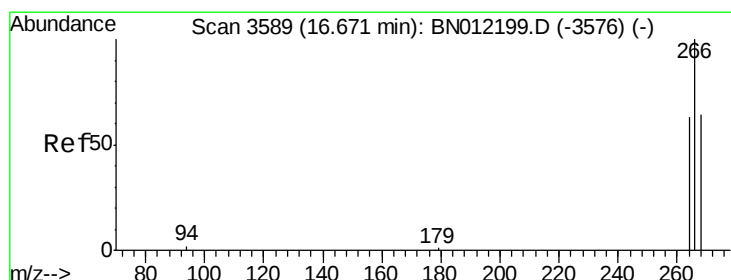
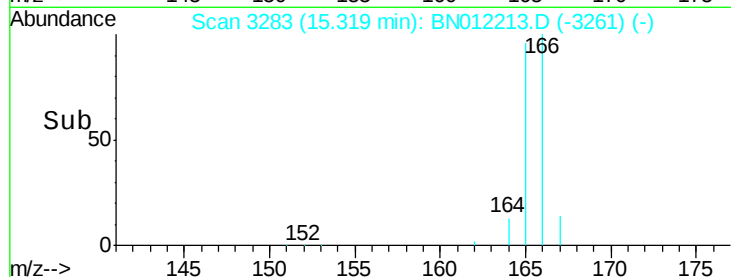
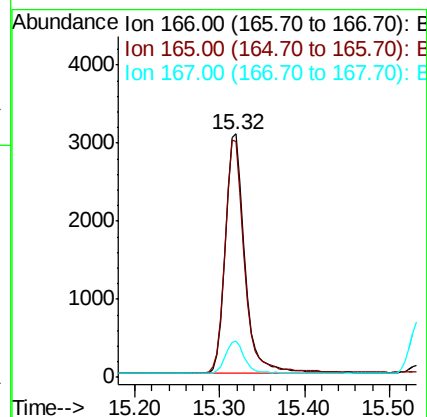
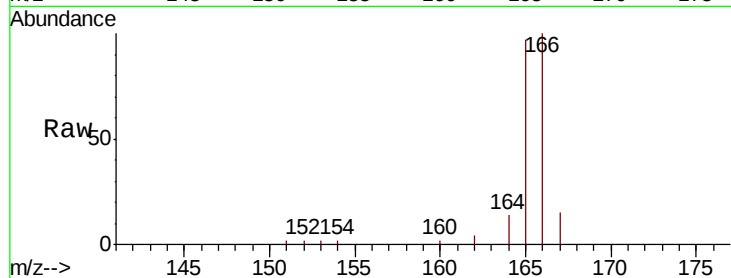
Tot Ion:166 Resp: 4998

Ion Ratio Lower Upper

166 100

165 96.8 78.6 118.0

167 15.1 11.9 17.9



#11

Pentachlorophenol

Concen: 0.389 ng/ul

RT: 16.67 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

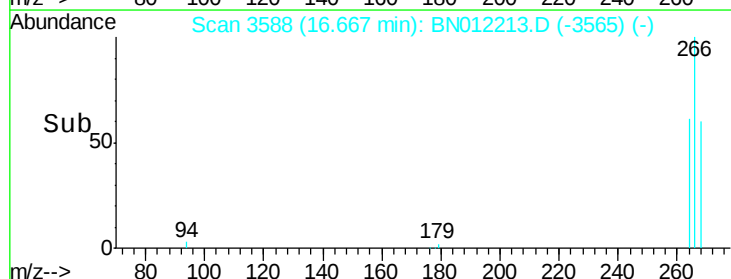
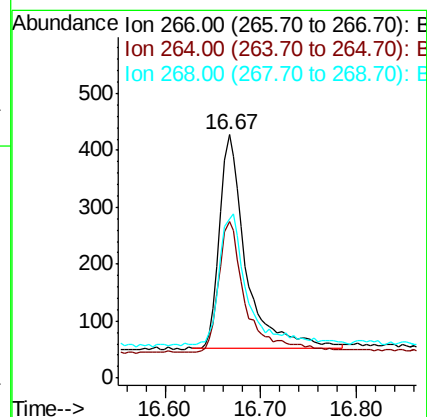
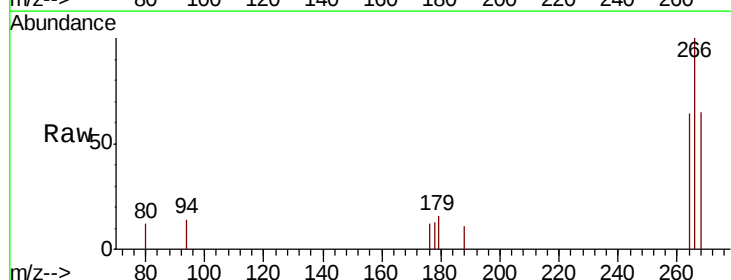
Tgt Ion:266 Resp: 723

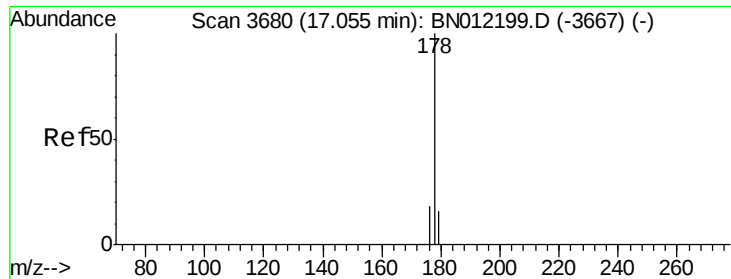
Ion Ratio Lower Upper

266 100

264 62.2 50.3 75.5

268 63.6 52.4 78.6





#12

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

Instrument :

BNA_N

ClientSampleId :

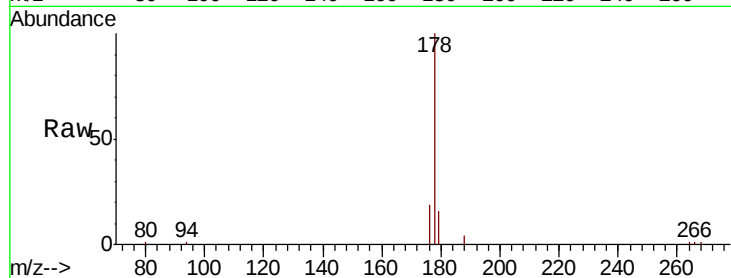
Tot Ion:178 Resp: 7935

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.2

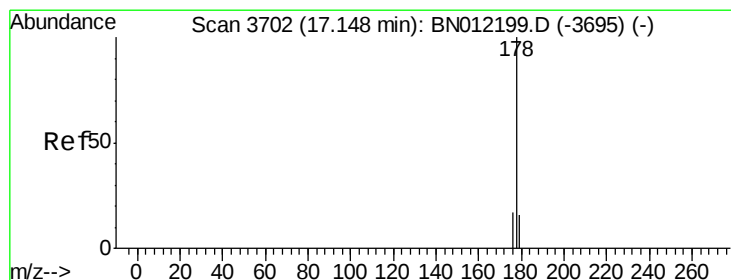
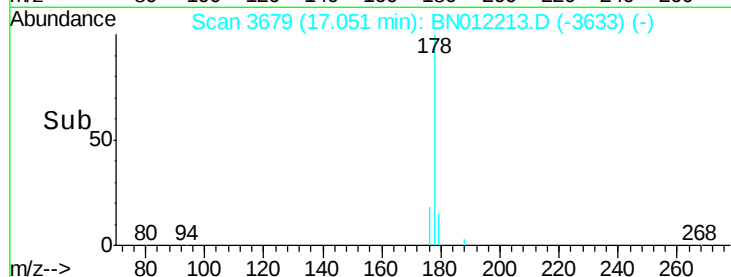
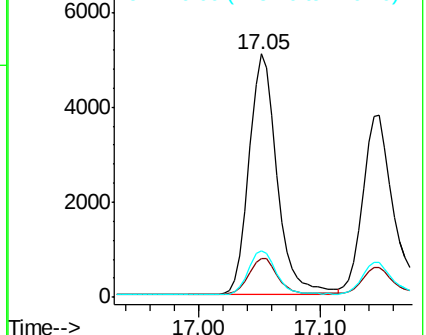
176 19.3 15.7 23.5



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: 0.382 ng/ul

RT: 17.15 min Scan# 3702

Delta R.T. 0.00 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

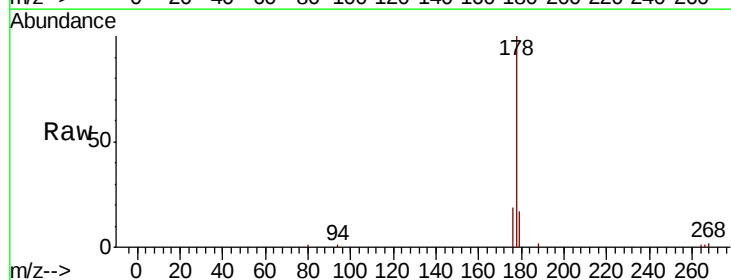
Tgt Ion:178 Resp: 6722

Ion Ratio Lower Upper

178 100

179 16.7 13.9 20.9

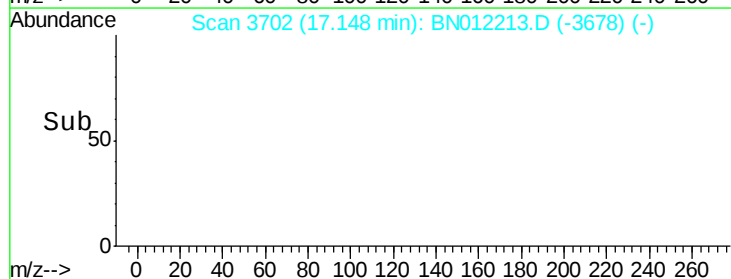
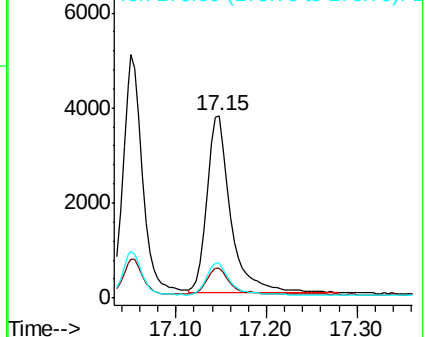
176 18.9 15.4 23.0

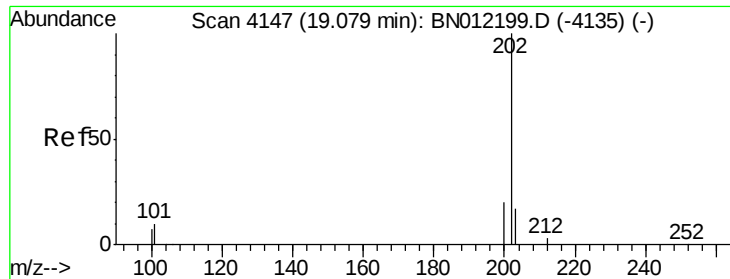


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

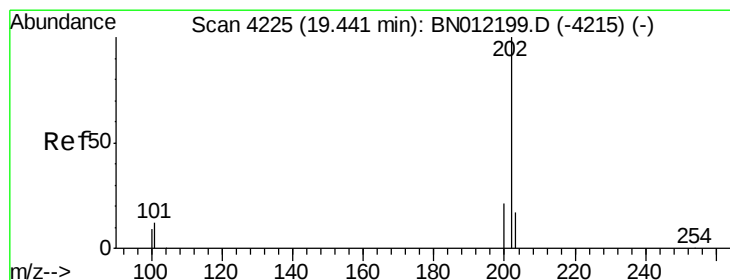
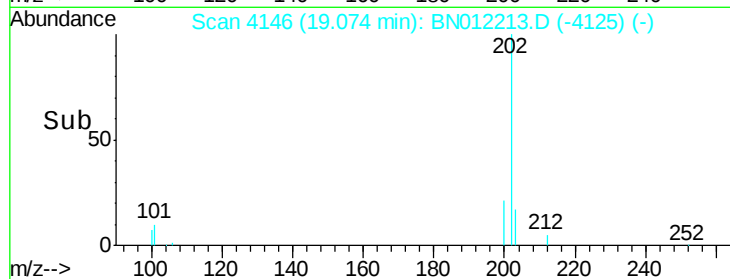
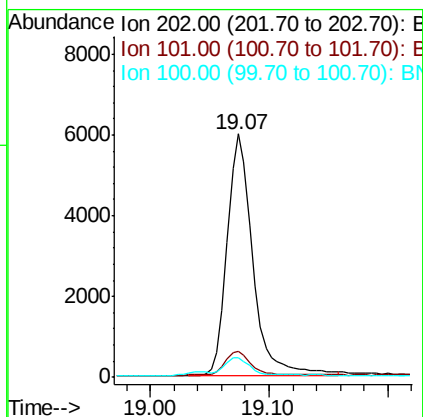
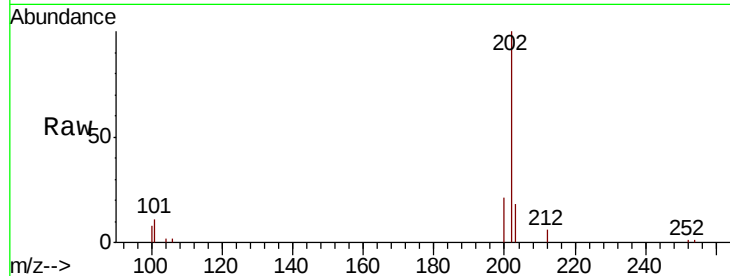




#15
Fluoranthene
 Concen: 0.374 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: BN012213.D
 Acq: 15 Oct 2020 02:21

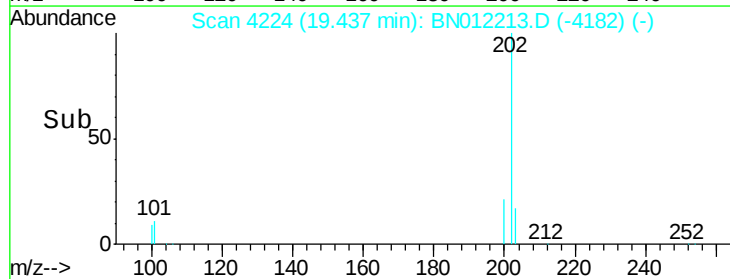
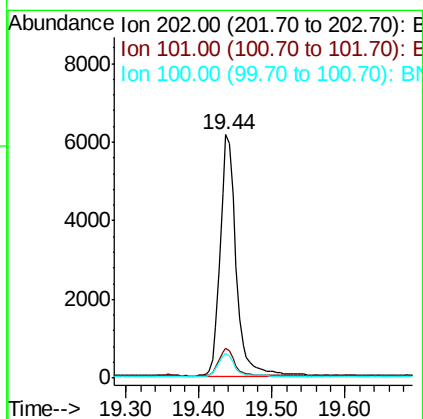
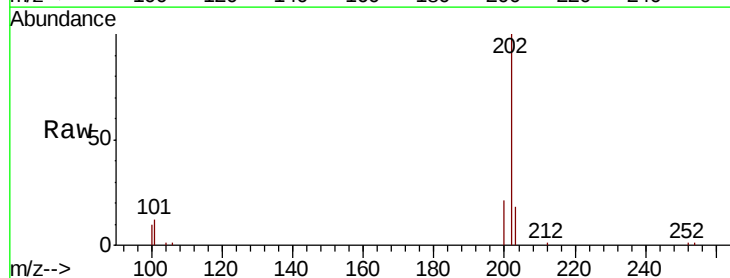
Instrument :
 BNA_N
 ClientSampleId :

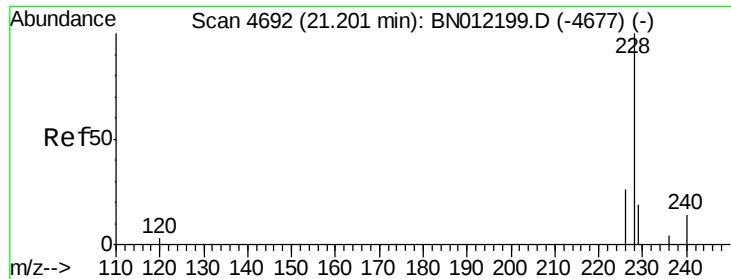
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.0
100	8.1	0.0	28.7



#17
Pyrene
 Concen: 0.378 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012213.D
 Acq: 15 Oct 2020 02:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.9	14.9
100	10.2	8.0	12.0





#18

Benzo(a)anthracene

Concen: 0.378 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

Instrument :

BNA_N

ClientSampleId :

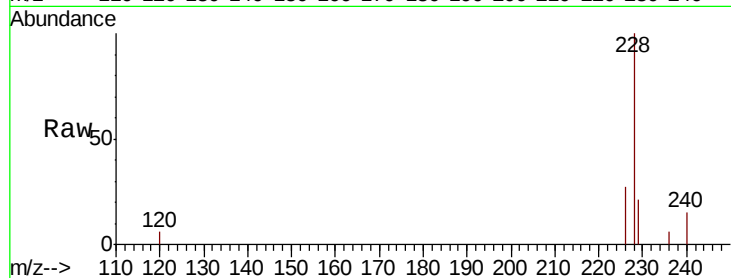
Tot Ion:228 Resp: 7676

Ion Ratio Lower Upper

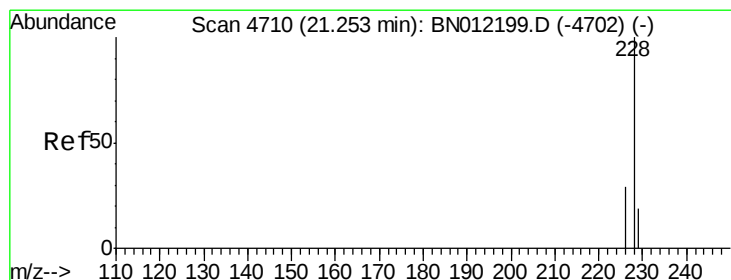
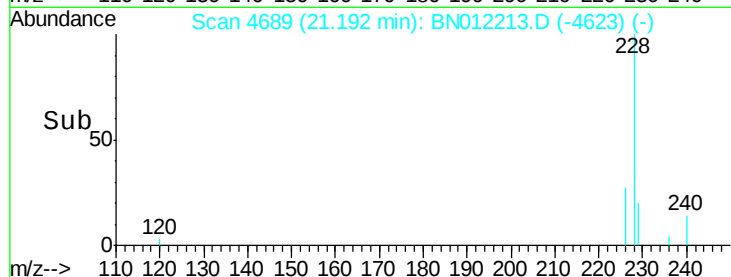
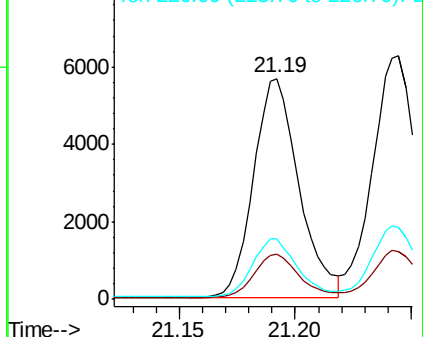
228 100

229 20.7 15.8 23.8

226 27.5 22.6 33.8



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: 0.382 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. -0.01 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

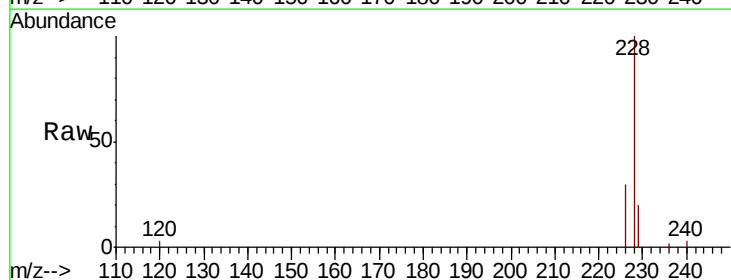
Tgt Ion:228 Resp: 9466

Ion Ratio Lower Upper

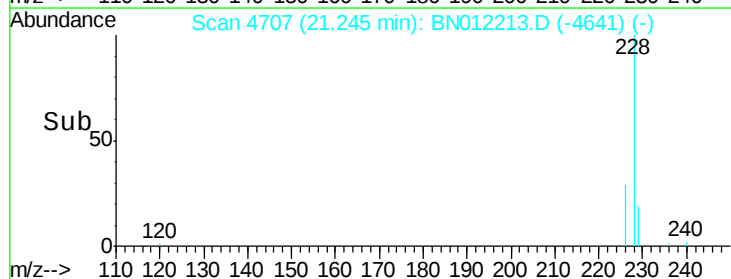
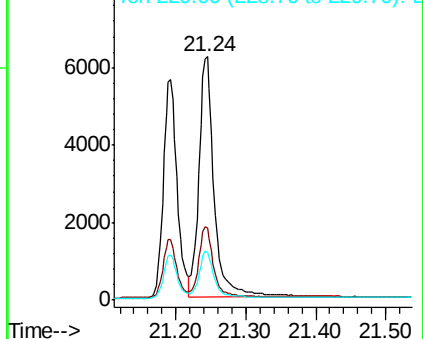
228 100

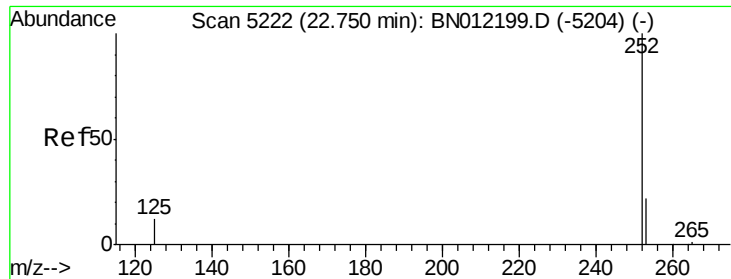
226 29.6 24.6 37.0

229 19.8 17.0 25.6



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: 0.419 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.01 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

Instrument :

BNA_N

ClientSampleId :

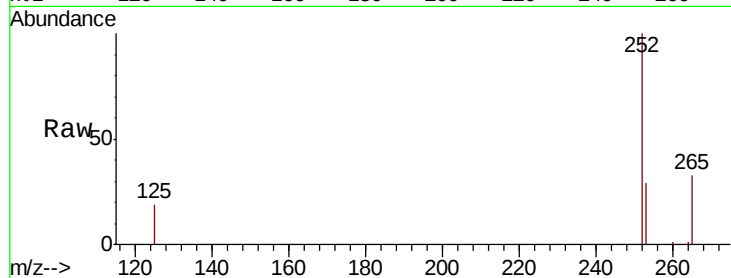
Tot Ion:252 Resp: 9341

Ion Ratio Lower Upper

252 100

253 28.9 0.0 61.6

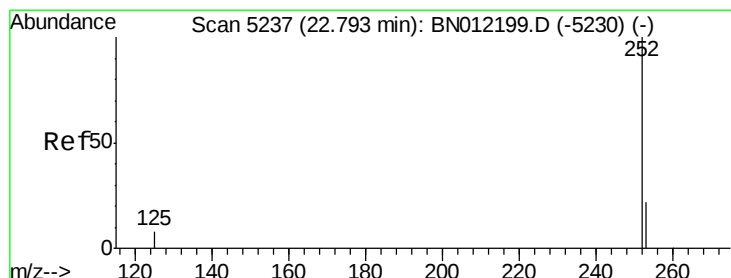
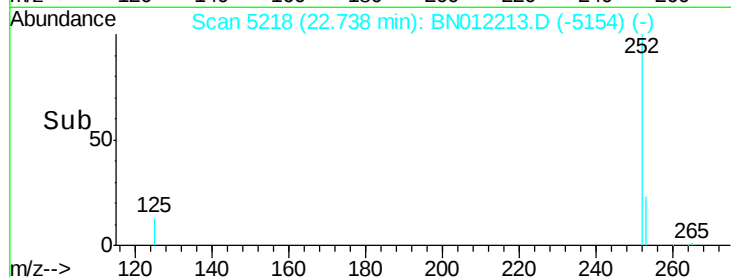
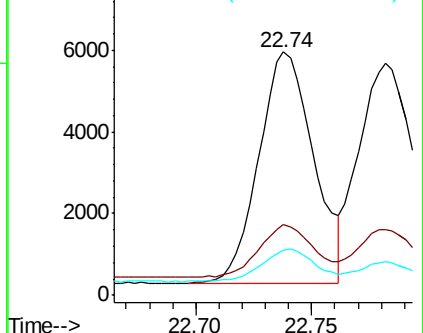
125 18.6 0.0 36.8



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: 0.400 ng/ul

RT: 22.78 min Scan# 5233

Delta R.T. -0.01 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

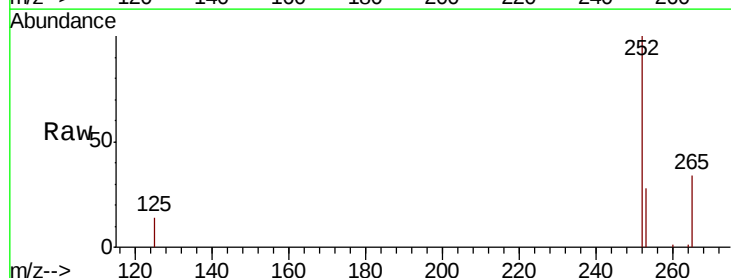
Tgt Ion:252 Resp: 9890

Ion Ratio Lower Upper

252 100

253 28.4 24.4 36.6

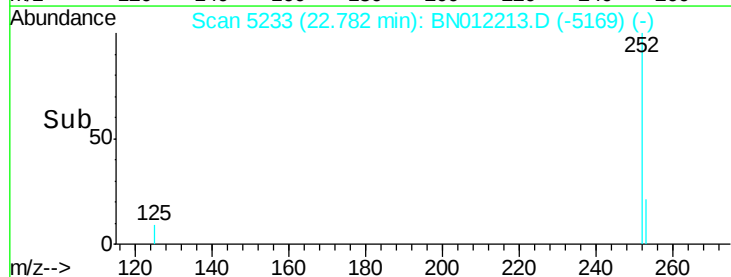
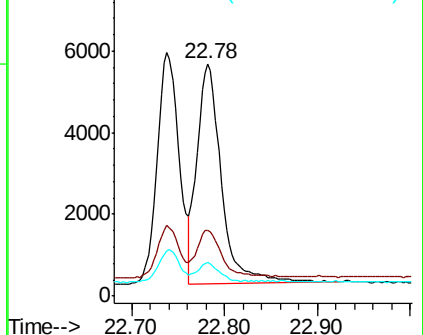
125 14.5 12.9 19.3

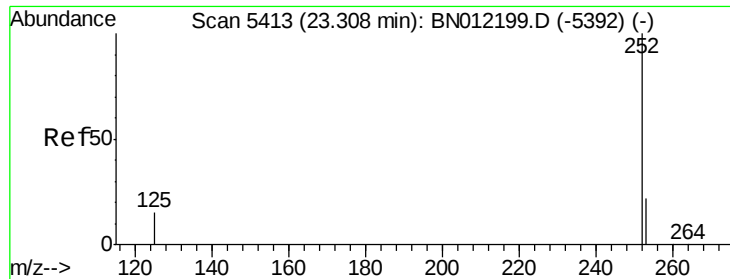


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. -0.01 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

Instrument :

BNA_N

ClientSampleId :

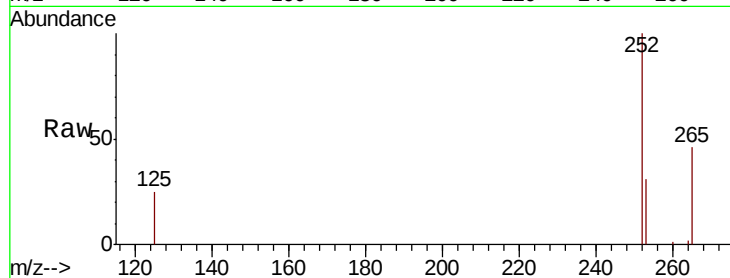
Tot Ion:252 Resp: 8665

Ion Ratio Lower Upper

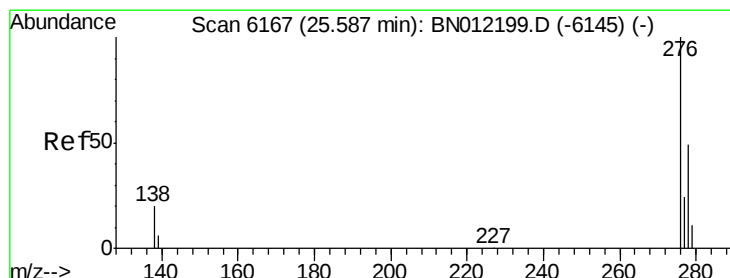
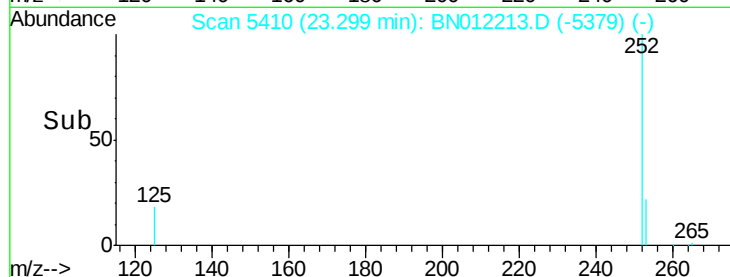
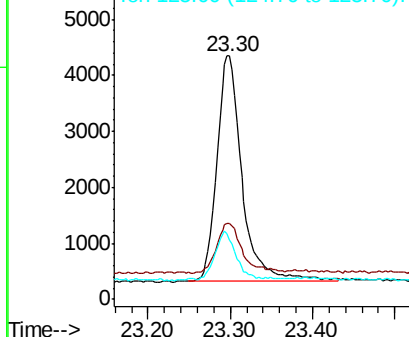
252 100

253 31.2 27.0 40.4

125 24.6 18.8 28.2



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: 0.404 ng/ul

RT: 25.57 min Scan# 6162

Delta R.T. -0.02 min

Lab File: BN012213.D

Acq: 15 Oct 2020 02:21

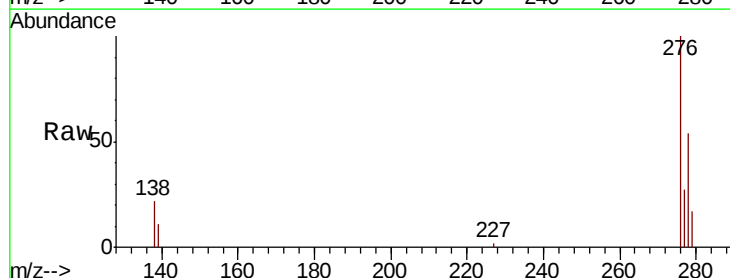
Tgt Ion:276 Resp: 11278

Ion Ratio Lower Upper

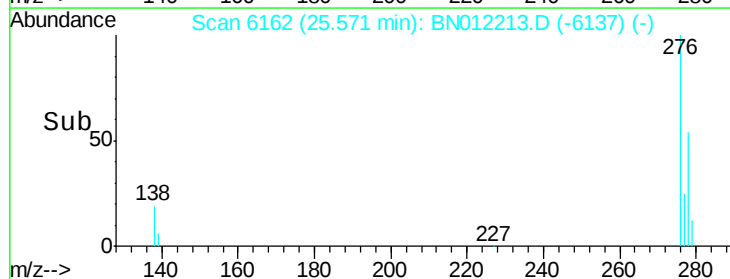
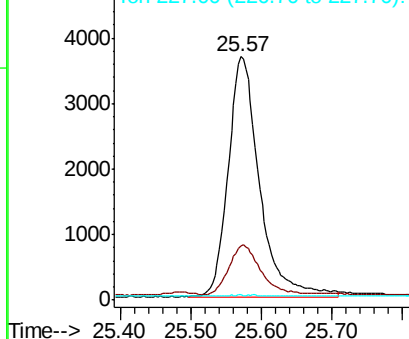
276 100

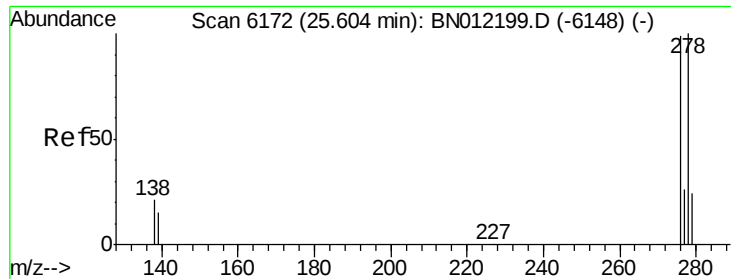
138 20.6 0.0 0.0#

227 0.1 0.0 0.0#



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

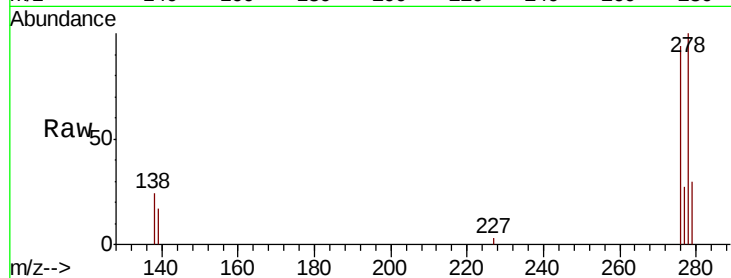




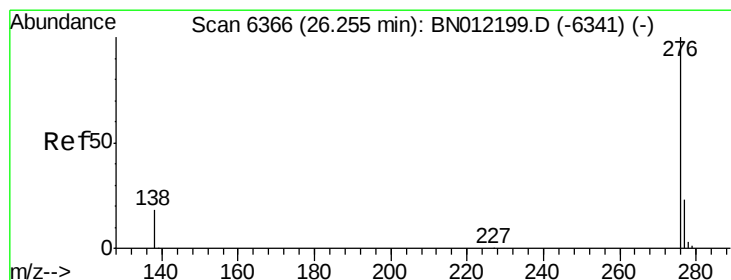
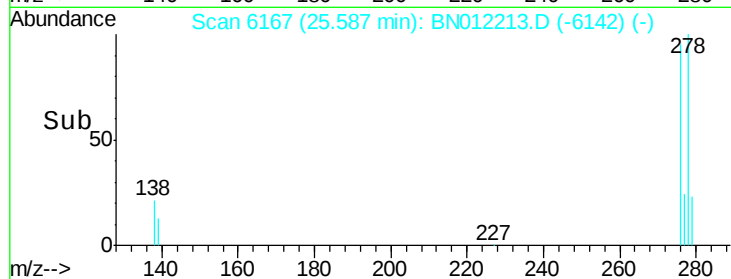
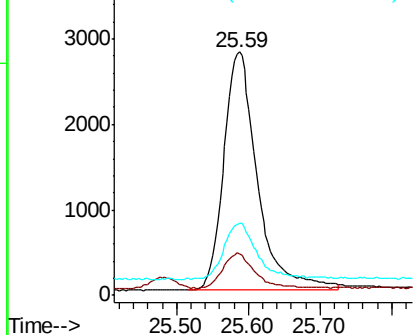
#25
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN012213.D
Acq: 15 Oct 2020 02:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 9112
Ion Ratio Lower Upper
278 100
139 17.2 15.7 23.5
279 29.7 26.0 39.0

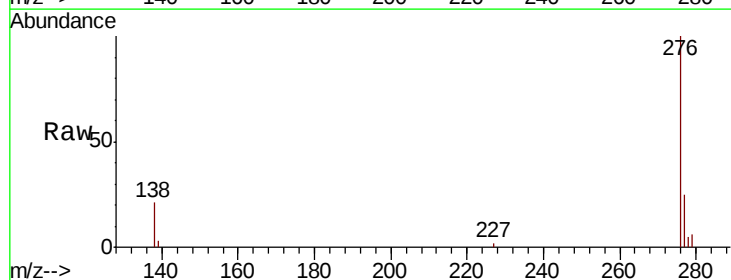


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.23 min Scan# 6360
Delta R.T. -0.02 min
Lab File: BN012213.D
Acq: 15 Oct 2020 02:21

Tgt Ion:276 Resp: 10209
Ion Ratio Lower Upper
276 100
138 21.0 17.1 25.7
277 25.2 21.1 31.7



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

