

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
 Data File : BN003815.D
 Acq On : 11 Dec 2018 15:25
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 11 16:00:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 11 15:12:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4500	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18077	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8849	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	17518	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12433	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	12202	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	10142	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	16479	0.32	ng/ul	0.00

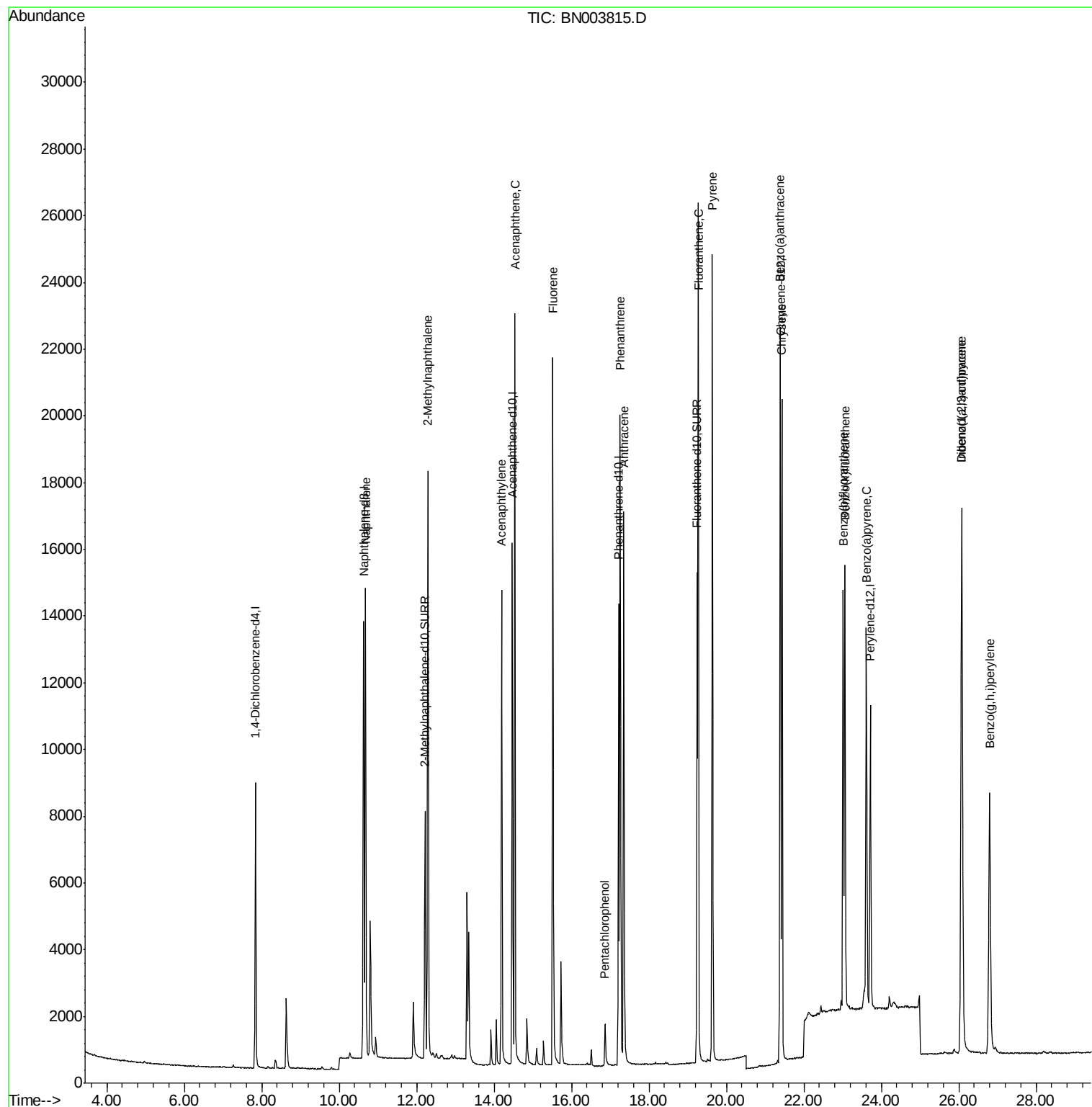
Target Compounds					Ovalue	
3) Naphthalene	10.68	128	19424	0.383	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	13283	0.375	ng/ul	99
7) Acenaphthylene	14.19	152	17257	0.433	ng/ul	100
8) Acenaphthene	14.53	153	13417	0.384	ng/ul	99
9) Fluorene	15.52	166	14487	0.356	ng/ul	100
11) Pentachlorophenol	16.86	266	1165	0.369	ng/ul	98
12) Phenanthrene	17.26	178	21687	0.377	ng/ul	99
13) Anthracene	17.35	178	19530	0.413	ng/ul	99
15) Fluoranthene	19.27	202	22024	0.324	ng/ul	97
17) Pyrene	19.63	202	21244	0.476	ng/ul	96
18) Benzo(a)anthracene	21.38	228	17277	0.440	ng/ul	98
19) Chrysene	21.44	228	17122	0.381	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	17383	0.344	ng/ul	94
22) Benzo(k)fluoranthene	23.06	252	17602	0.358	ng/ul#	95
23) Benzo(a)pyrene	23.61	252	16938	0.388	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.07	276	20771	0.414	ng/ul	98
25) Dibenzo(a,h)anthracene	26.08	278	16495	0.409	ng/ul	96
26) Benzo(g,h,i)perylene	26.80	276	17722	0.407	ng/ul	96

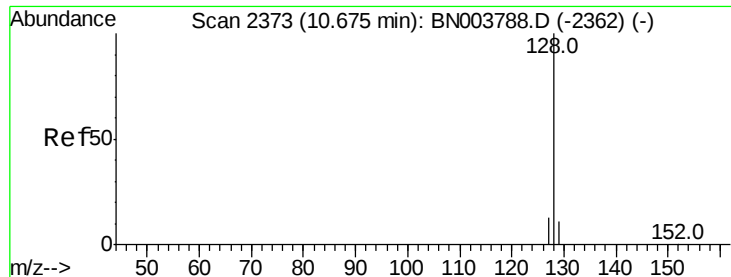
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
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BNA_N
ClientSampled :

Quant Time: Dec 11 16:00:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 15:12:40 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.383 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

Instrument :

BNA_N

ClientSampleId :

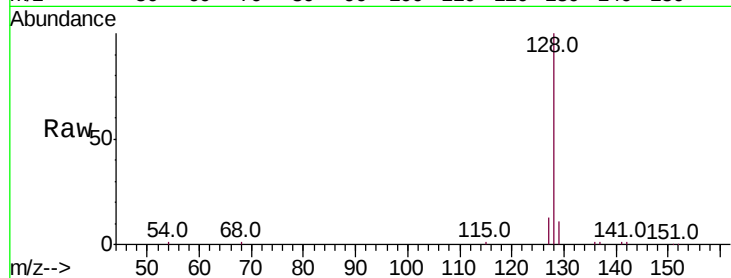
Tot Ion:128 Resp: 19424

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

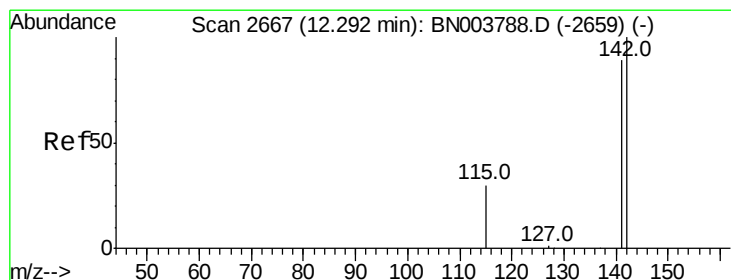
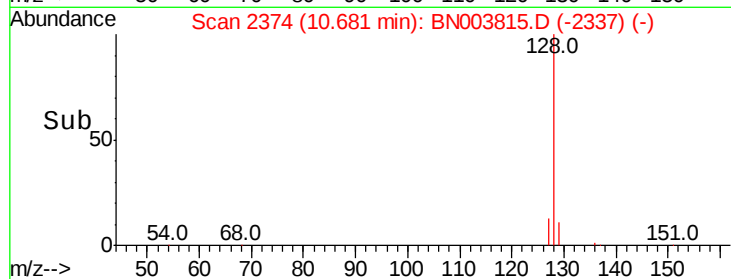
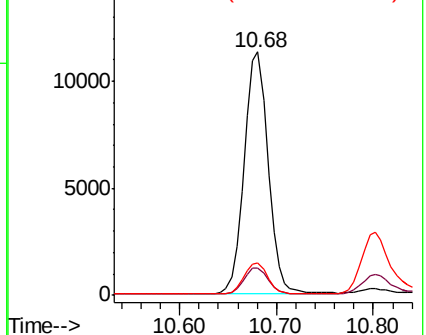
127 13.2 10.5 15.7



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: 0.375 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003815.D

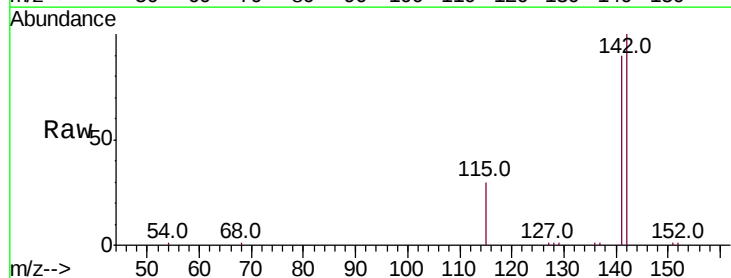
Acq: 11 Dec 2018 15:25

Tgt Ion:142 Resp: 13283

Ion Ratio Lower Upper

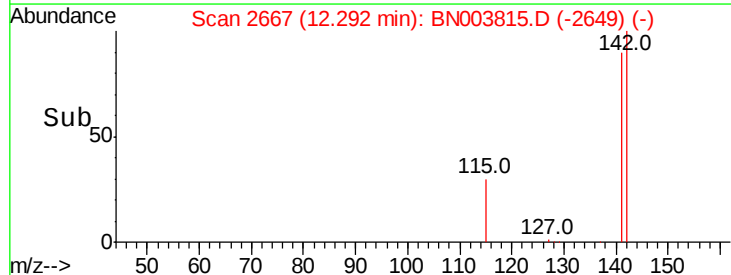
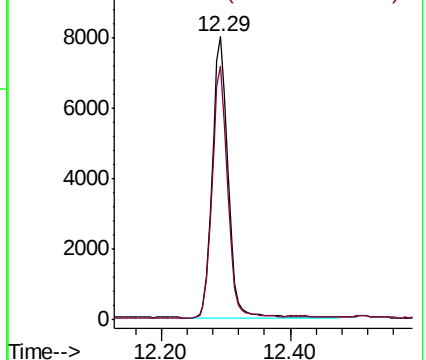
142 100

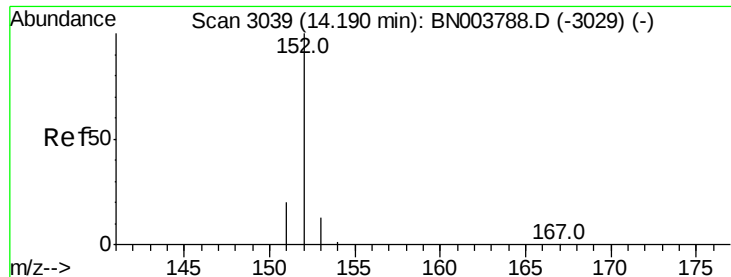
141 88.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.433 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

Instrument :

BNA_N

ClientSampled :

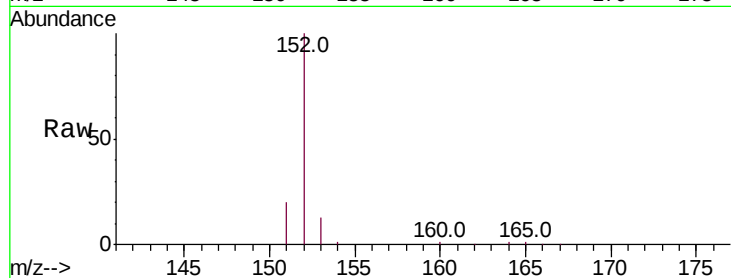
Tot Ion:152 Resp: 17257

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

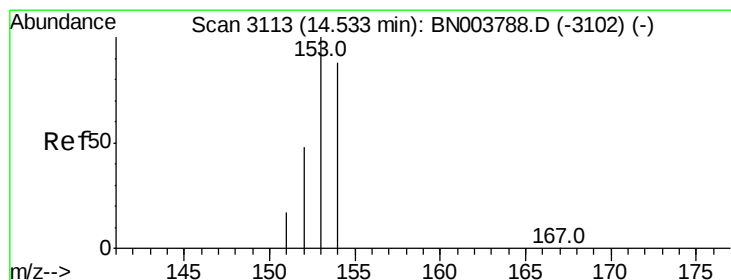
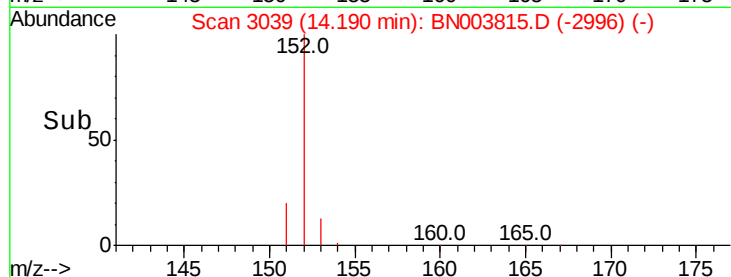
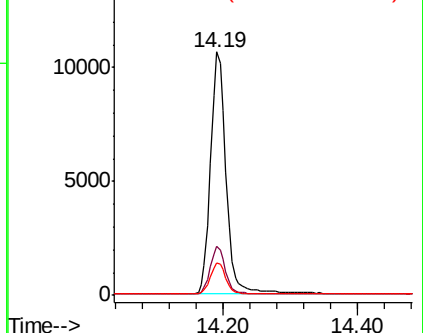
153 13.5 10.7 16.1



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: 0.384 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

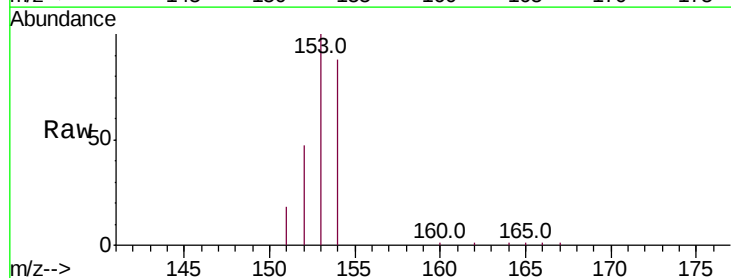
Tgt Ion:153 Resp: 13417

Ion Ratio Lower Upper

153 100

152 47.5 39.3 58.9

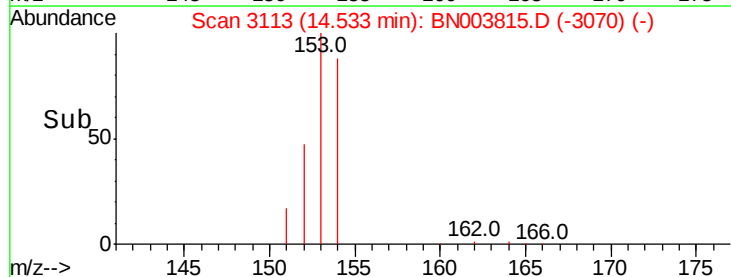
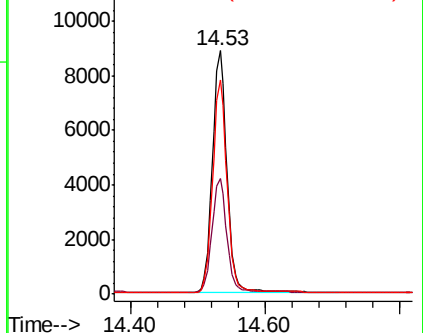
154 88.2 70.3 105.5

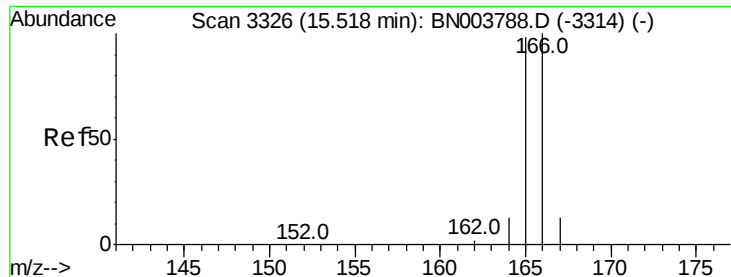


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

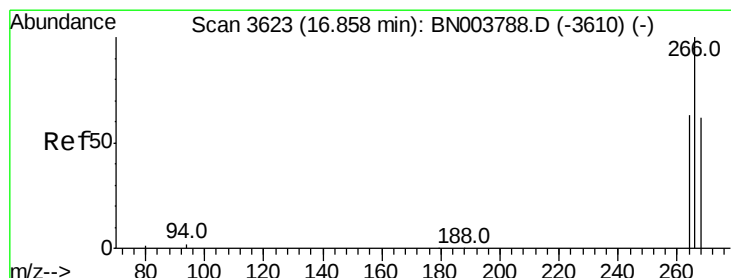
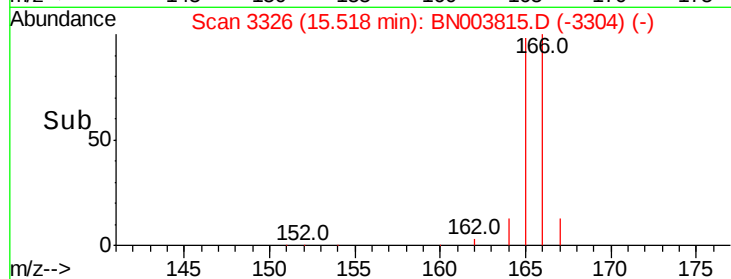
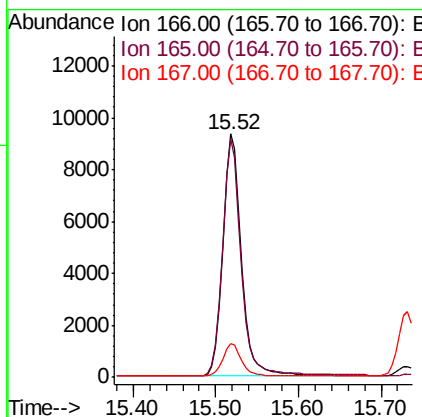
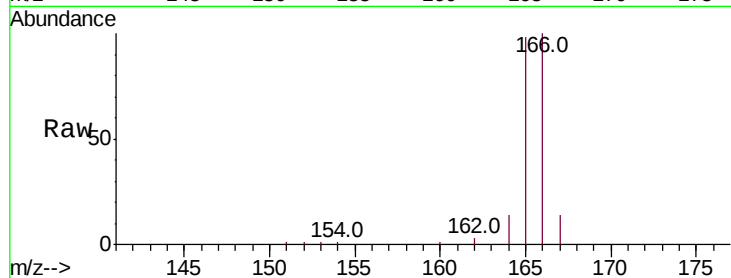




#9
Fluorene
 Concen: 0.356 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. 0.00 min
 Lab File: BN003815.D
 Acq: 11 Dec 2018 15:25

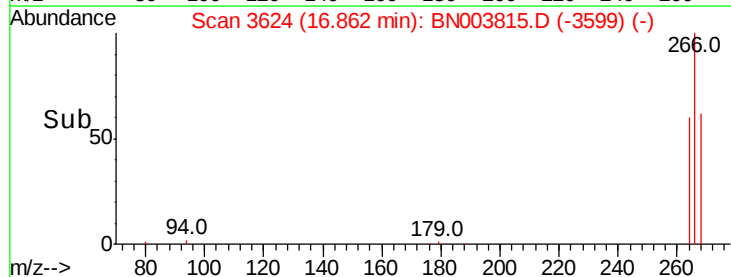
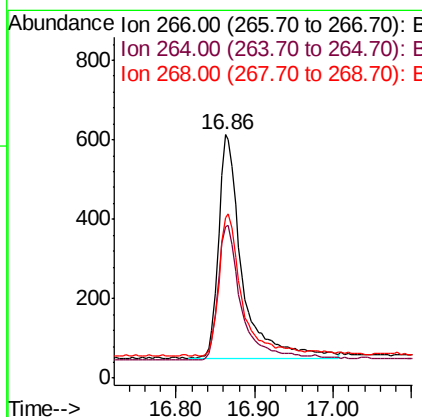
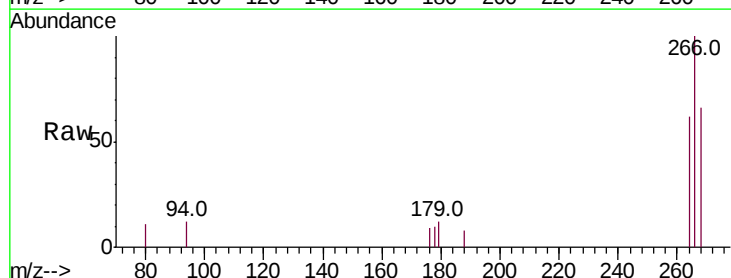
Instrument :
 BNA_N
 ClientSampleId :

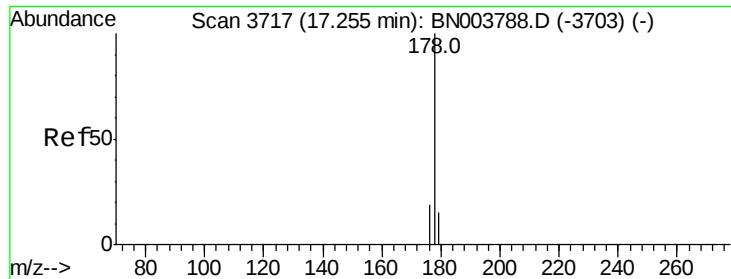
Tot Ion:166 Resp: 14487
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.3 117.5
 167 13.8 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.369 ng/ul
 RT: 16.86 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN003815.D
 Acq: 11 Dec 2018 15:25

Tgt Ion:266 Resp: 1165
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.4 74.2
 268 67.1 51.7 77.5





#12

Phenanthrene

Concen: 0.377 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

Instrument :

BNA_N

ClientSampleId :

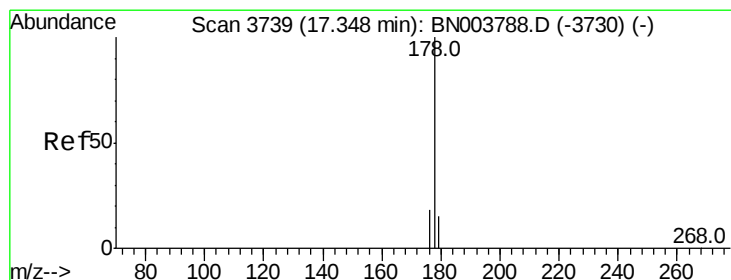
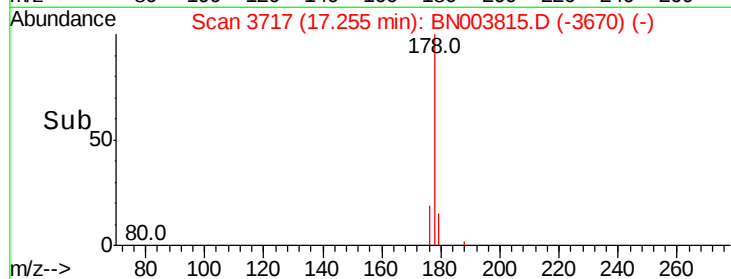
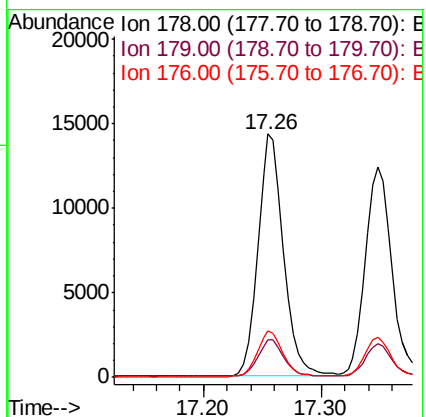
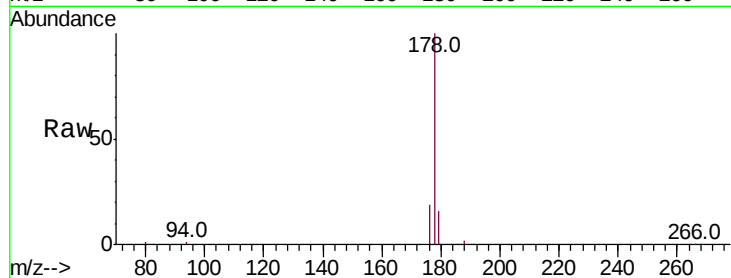
Tot Ion:178 Resp: 21687

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.1 15.0 22.4



#13

Anthracene

Concen: 0.413 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

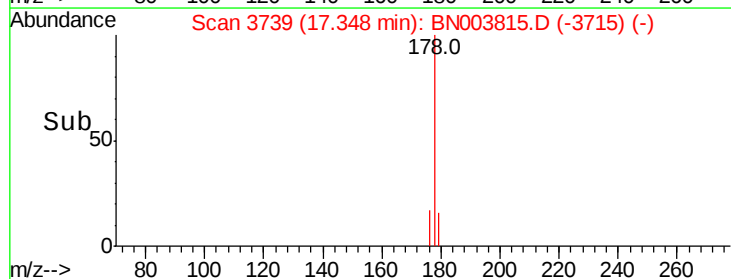
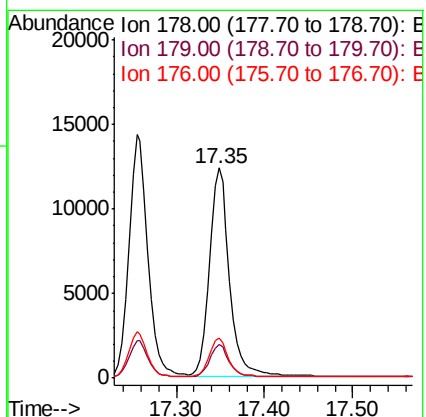
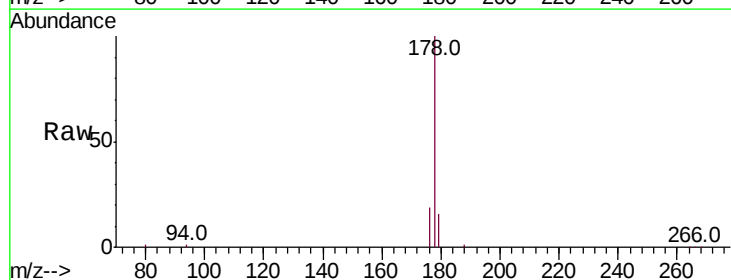
Tgt Ion:178 Resp: 19530

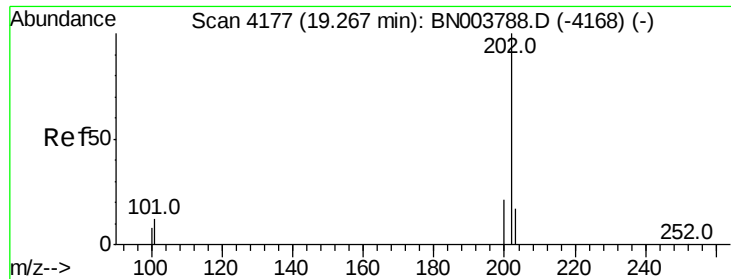
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 18.9 14.8 22.2

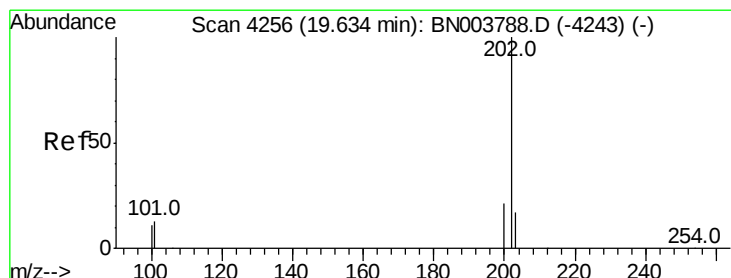
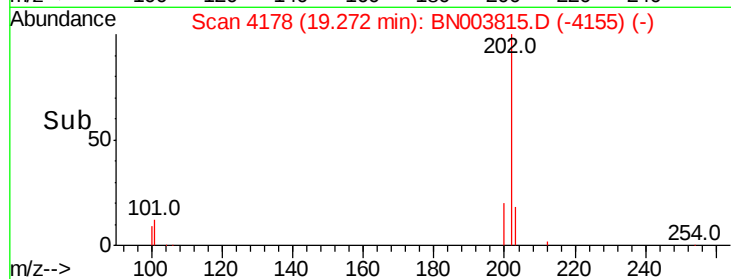
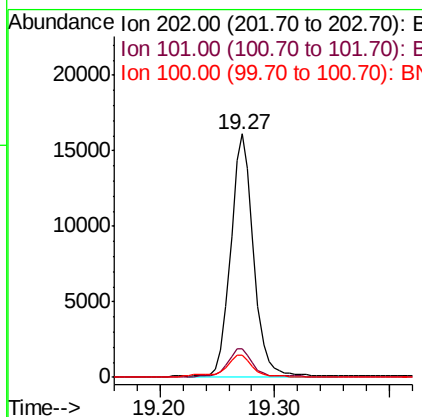
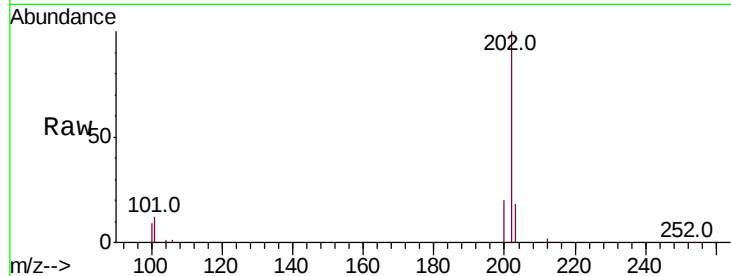




#15
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003815.D
Acq: 11 Dec 2018 15:25

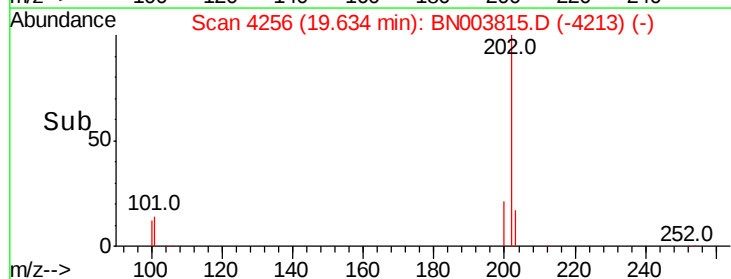
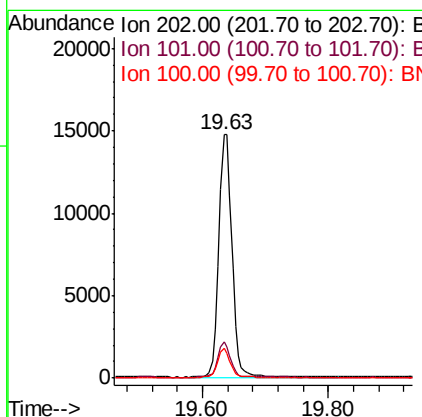
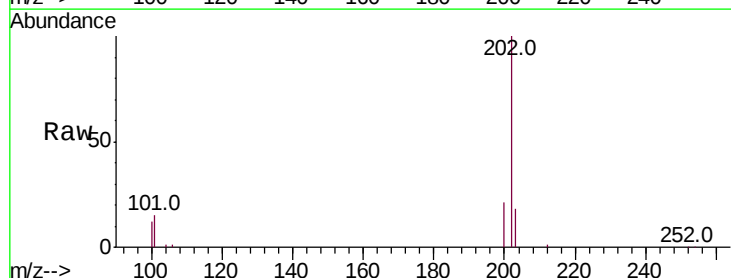
Instrument :
BNA_N
ClientSampleId :

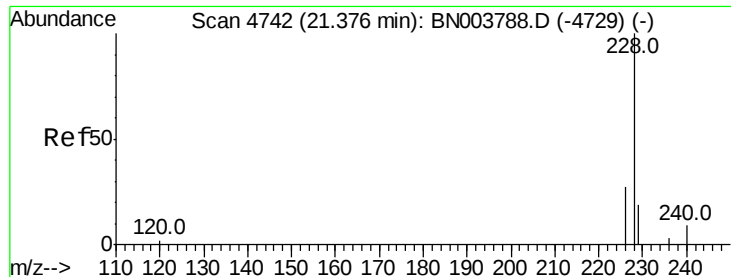
Tot Ion:202 Resp: 22024
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
100 8.9 0.0 28.1



#17
Pyrene
Concen: 0.476 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. 0.00 min
Lab File: BN003815.D
Acq: 11 Dec 2018 15:25

Tgt Ion:202 Resp: 21244
Ion Ratio Lower Upper
202 100
101 14.7 10.3 15.5
100 12.2 8.5 12.7





#18

Benzo(a)anthracene

Concen: 0.440 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.01 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

Instrument :

BNA_N

ClientSampleId :

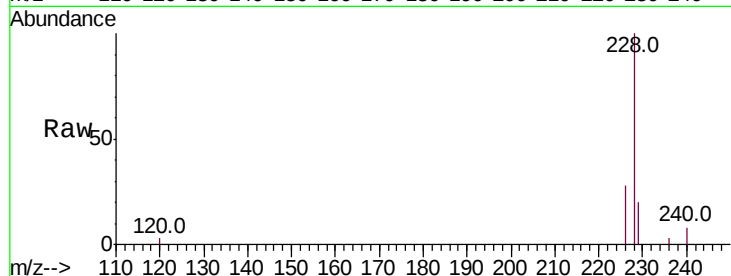
Tot Ion:228 Resp: 17277

Ion Ratio Lower Upper

228 100

229 20.1 15.6 23.4

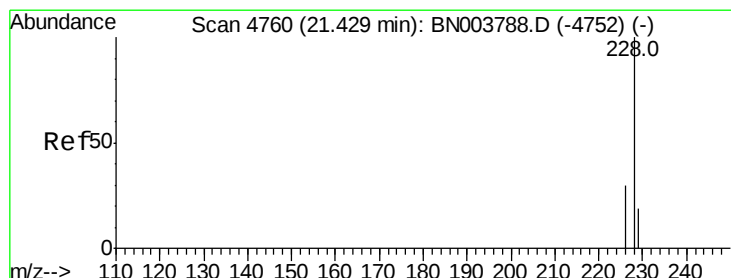
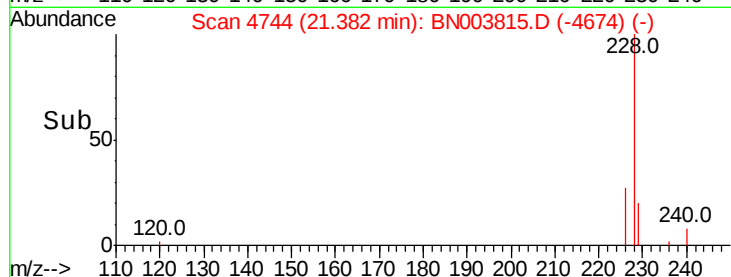
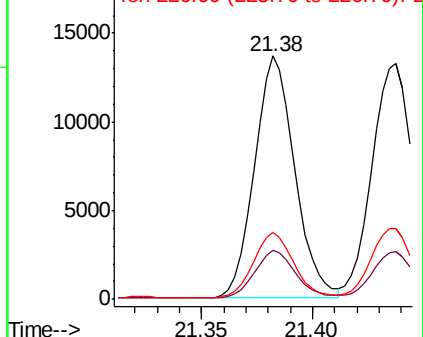
226 27.6 21.1 31.7



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: 0.381 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.01 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

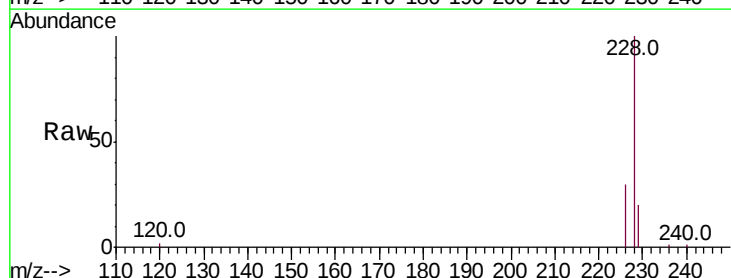
Tgt Ion:228 Resp: 17122

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

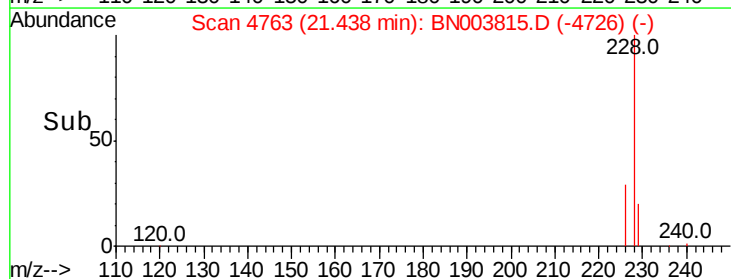
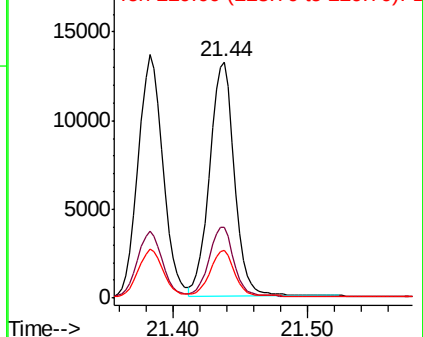
229 20.3 15.7 23.5

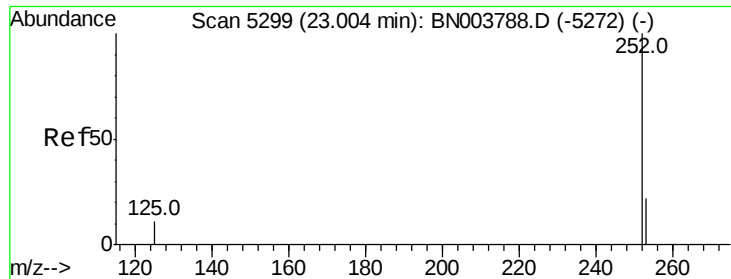


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

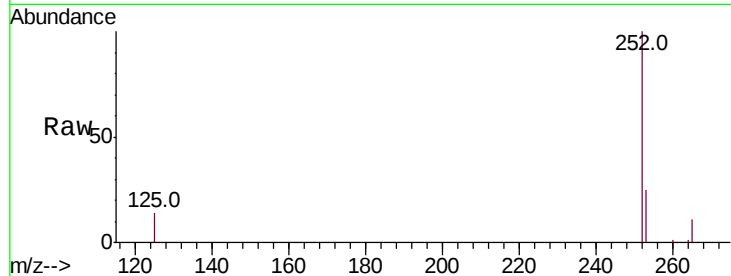




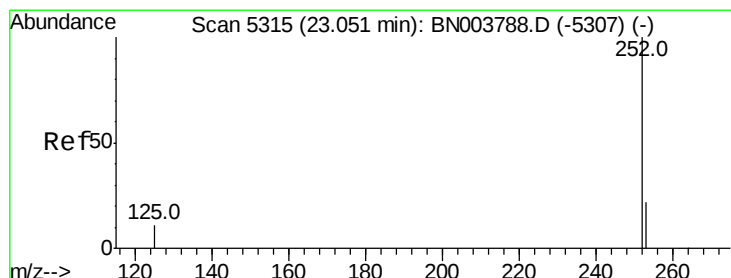
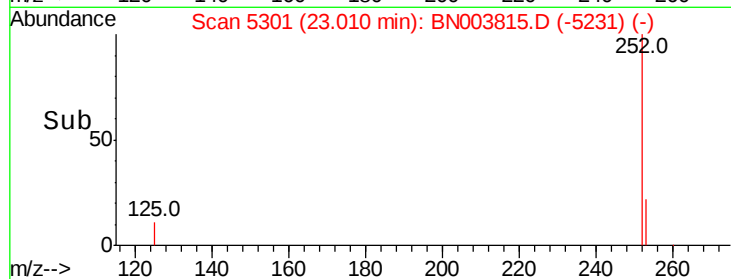
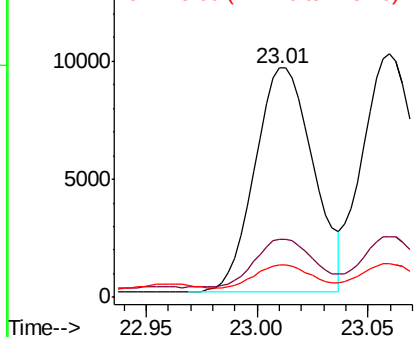
#21
Benzo(b)fluoranthene
Concen: 0.344 ng/u1
RT: 23.01 min Scan# 5301
Delta R.T. 0.01 min
Lab File: BN003815.D
Acq: 11 Dec 2018 15:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 17383
Ion Ratio Lower Upper
252 100
253 25.5 0.0 46.0
125 14.2 0.0 22.4

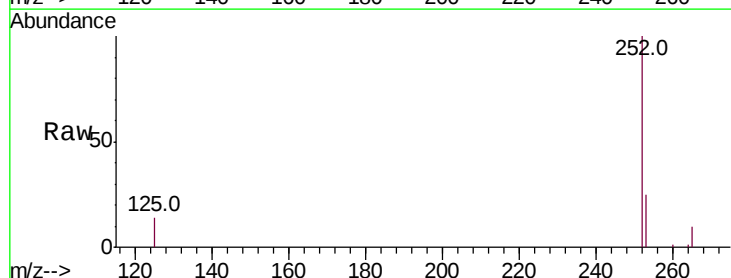


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

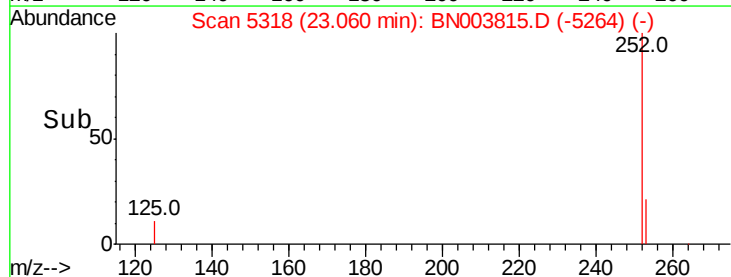
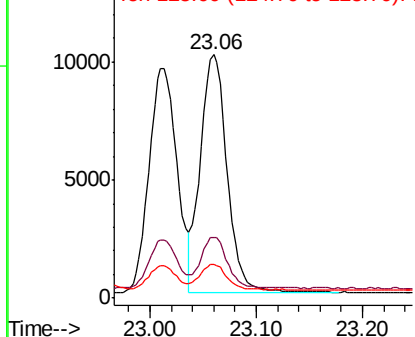


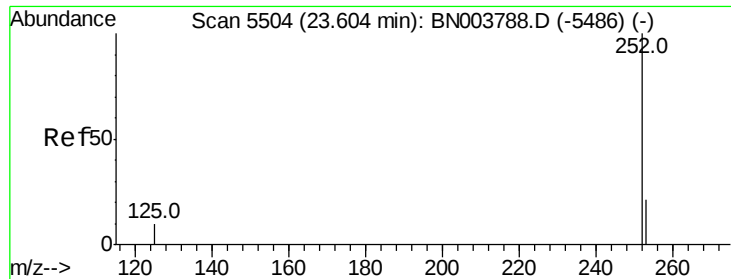
#22
Benzo(k)fluoranthene
Concen: 0.358 ng/u1
RT: 23.06 min Scan# 5318
Delta R.T. 0.01 min
Lab File: BN003815.D
Acq: 11 Dec 2018 15:25

Tgt Ion:252 Resp: 17602
Ion Ratio Lower Upper
252 100
253 25.0 18.5 27.7
125 13.9 9.0 13.6#



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





#23

Benzo(a)pyrene

Concen: 0.388 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.01 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

Instrument :

BNA_N

ClientSampleId :

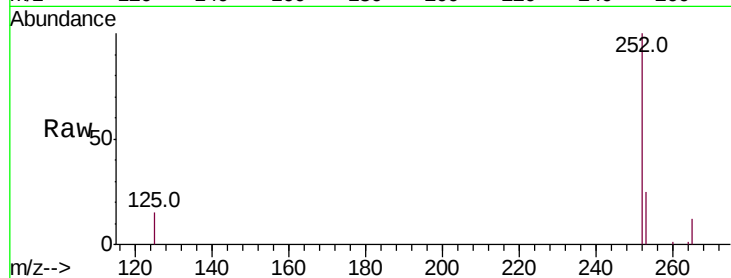
Tot Ion:252 Resp: 16938

Ion Ratio Lower Upper

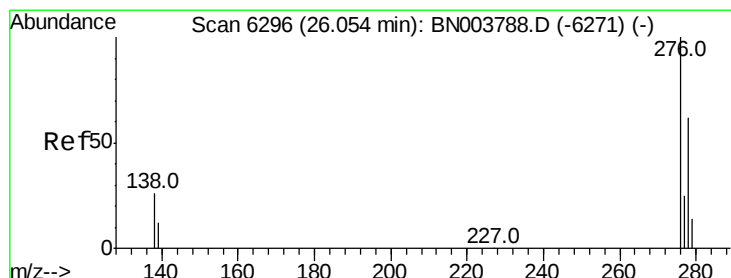
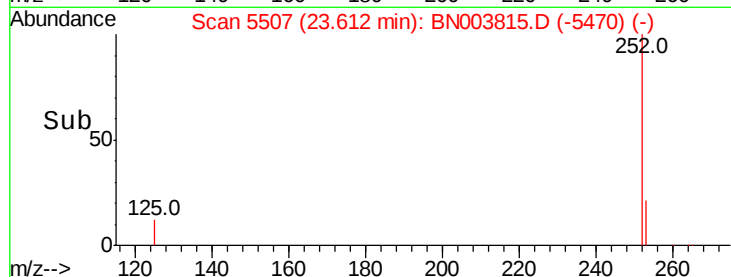
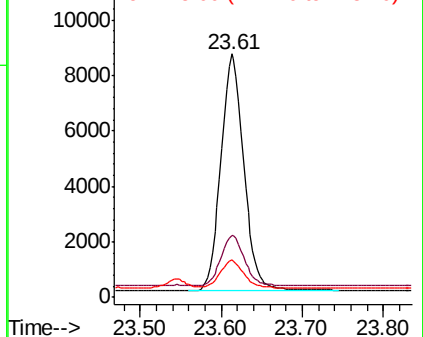
252 100

253 25.5 19.0 28.4

125 15.4 10.2 15.4#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 26.07 min Scan# 6301

Delta R.T. 0.02 min

Lab File: BN003815.D

Acq: 11 Dec 2018 15:25

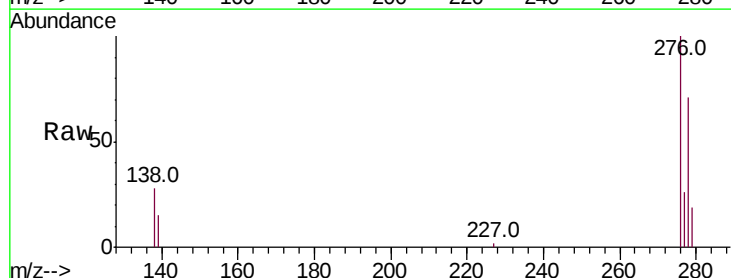
Tgt Ion:276 Resp: 20771

Ion Ratio Lower Upper

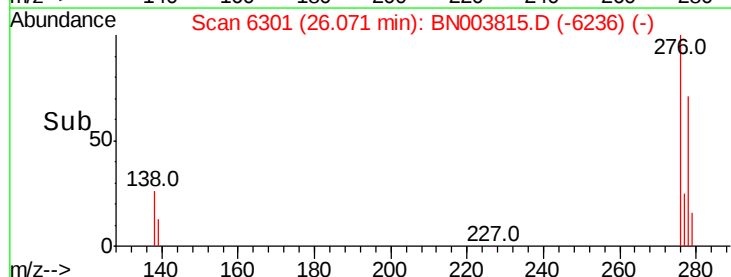
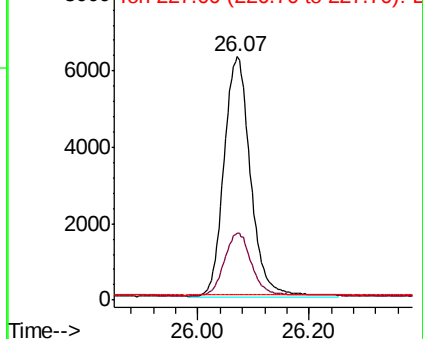
276 100

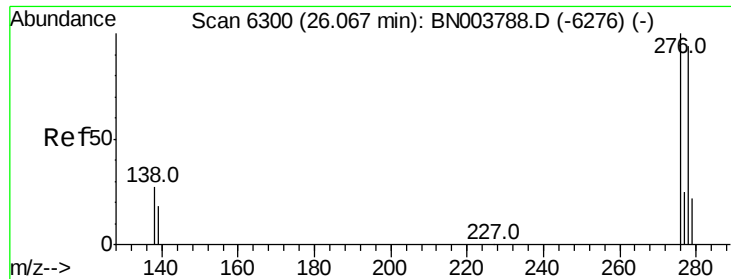
138 26.4 20.3 30.5

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



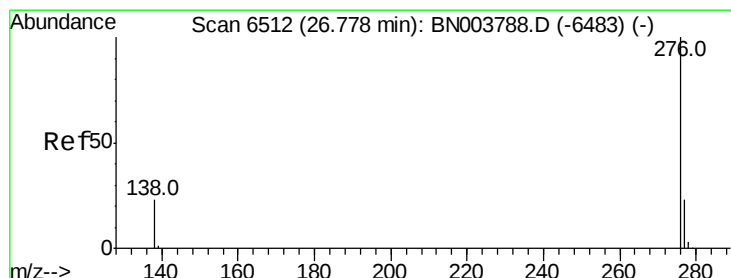
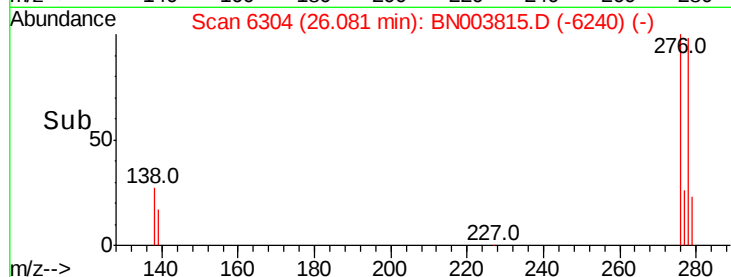
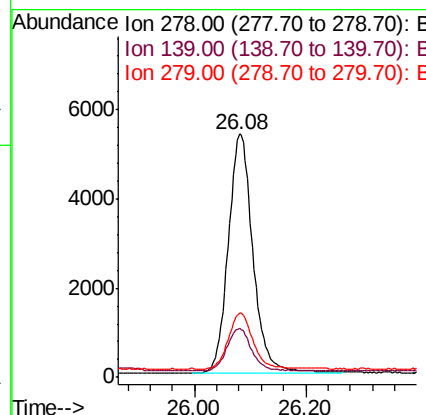
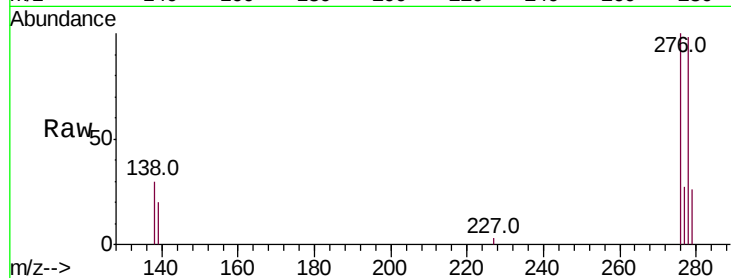


#25
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.08 min Scan# 6304
Delta R.T. 0.01 min
Lab File: BN003815.D
Acq: 11 Dec 2018 15:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 16495

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.2	21.4
279	26.2	19.8	29.6



#26
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 26.80 min Scan# 6517
Delta R.T. 0.02 min
Lab File: BN003815.D
Acq: 11 Dec 2018 15:25

Tgt Ion:276 Resp: 17722

Ion	Ratio	Lower	Upper
276	100		
138	24.5	17.7	26.5
277	25.2	19.3	28.9

