

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003125.D
 Acq On : 12 Oct 2018 04:14
 Operator : MJ/SJ
 Sample : J5295-02DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 07:32:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1798	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	7233	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3758	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7235	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4869	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5391	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	660	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1207	0.06	ng/ul	0.00

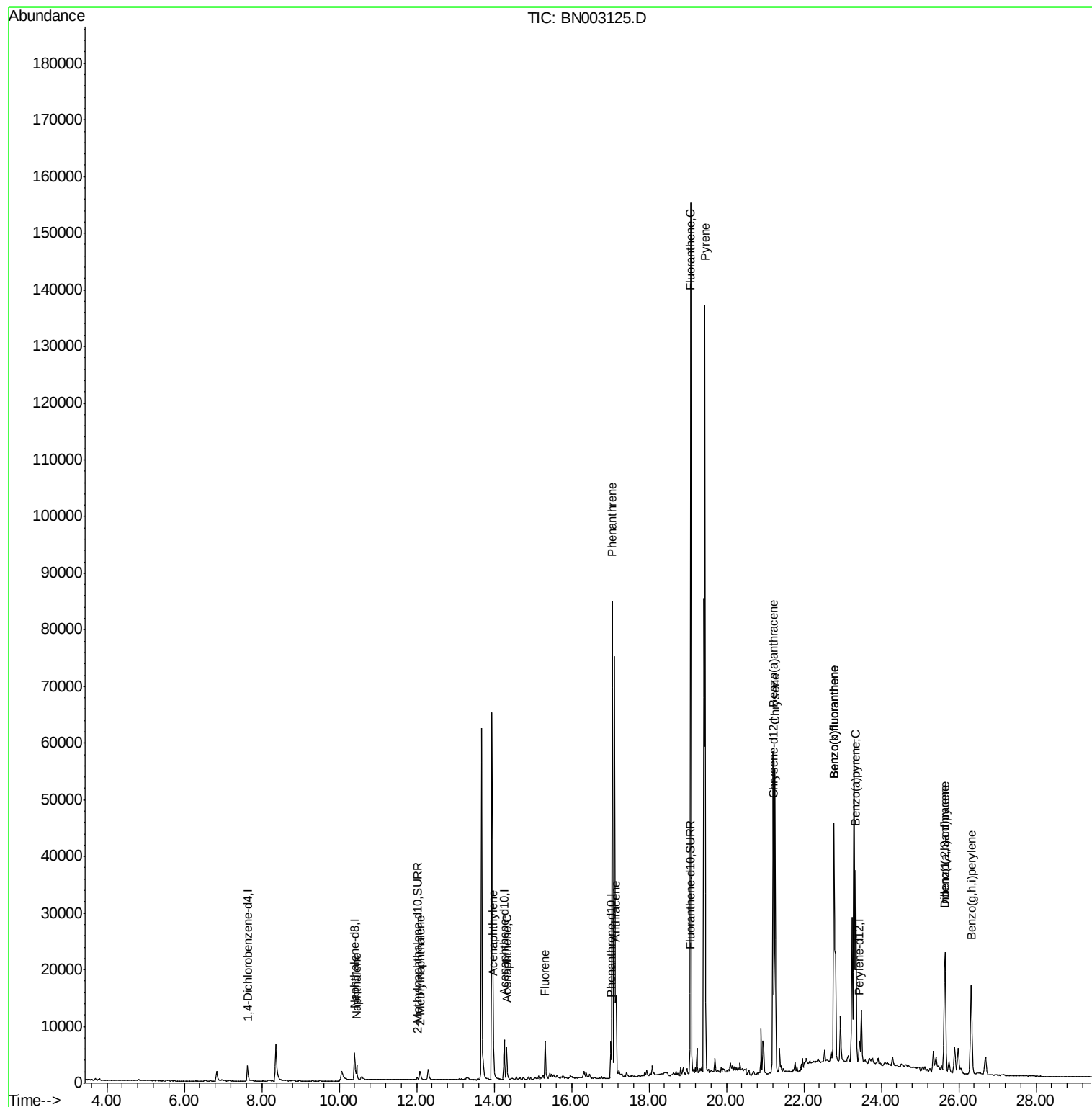
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	4140	0.223	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	1764	0.138	ng/ul	97
7) Acenaphthylene	13.98	152	6254	0.364	ng/ul	98
8) Acenaphthene	14.32	153	3639	0.279	ng/ul	98
9) Fluorene	15.32	166	4911	0.329	ng/ul	98
12) Phenanthrene	17.06	178	93444	4.633	ng/ul	98
13) Anthracene	17.15	178	16446	0.863	ng/ul	98
15) Fluoranthene	19.08	202	133064	5.624	ng/ul	99
17) Pyrene	19.45	202	117737	6.226	ng/ul	96
18) Benzo(a)anthracene	21.21	228	48502	3.096	ng/ul	99
19) Chrysene	21.26	228	52440	3.296	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	89364	4.603	ng/ul	95
22) Benzo(k)fluoranthene	22.78	252	89354	4.440	ng/ul	95
23) Benzo(a)pyrene	23.34	252	46634	2.680	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.64	276	33405	1.671	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	9028	0.564	ng/ul#	89
26) Benzo(a,h,i)perylene	26.32	276	31532	1.870	ng/ul	95

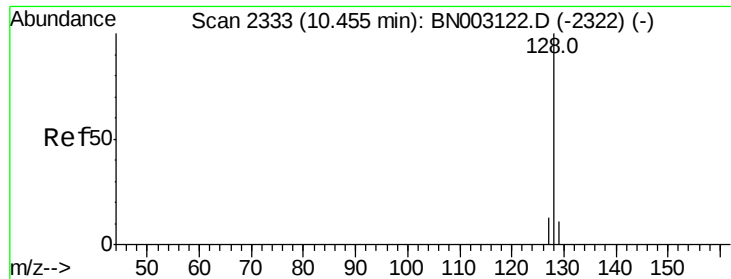
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 07:27:48 2018
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#3

Naphthalene

Concen: 0.223 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampleId :

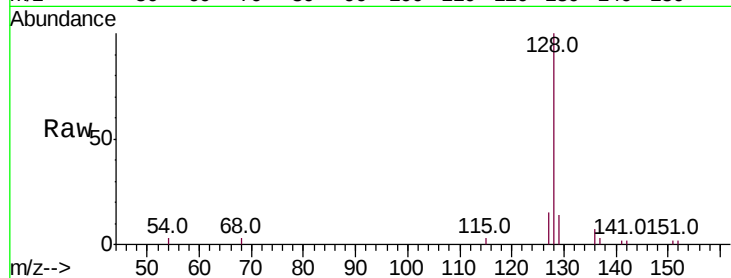
Tot Ion:128 Resp: 4140

Ion Ratio Lower Upper

128 100

129 13.9 10.4 15.6

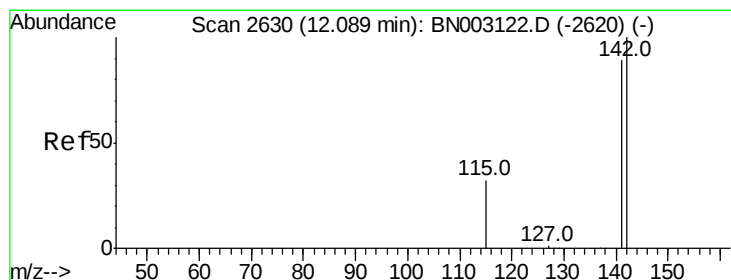
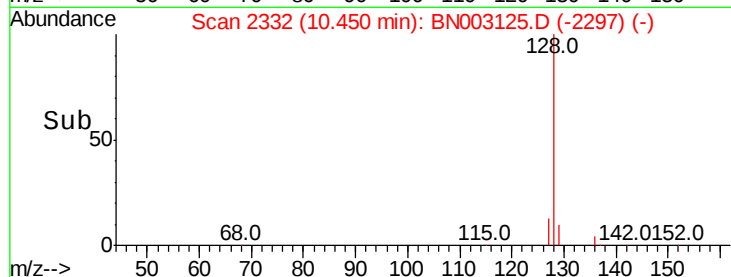
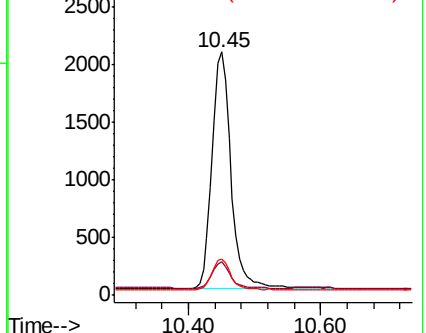
127 14.7 11.7 17.5



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: 0.138 ng/ul

RT: 12.09 min Scan# 2630

Delta R.T. 0.00 min

Lab File: BN003125.D

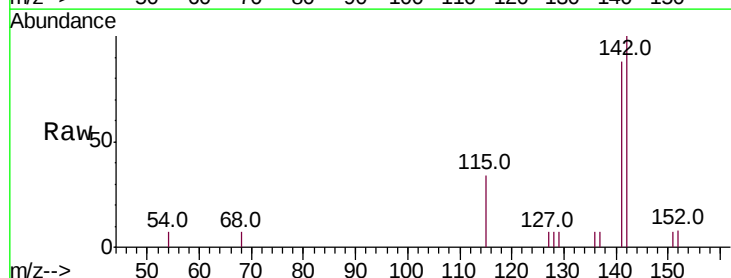
Acq: 12 Oct 2018 04:14

Tgt Ion:142 Resp: 1764

Ion Ratio Lower Upper

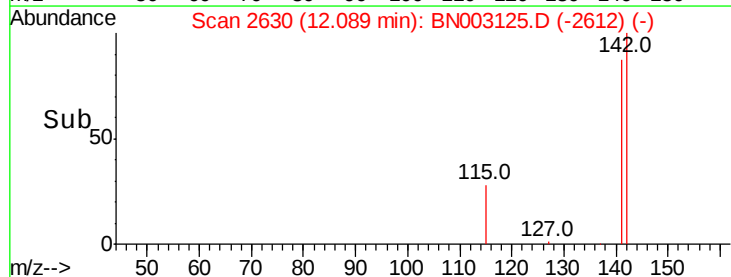
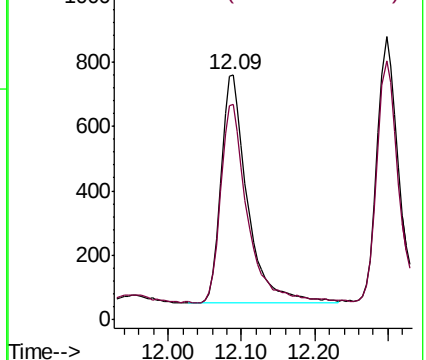
142 100

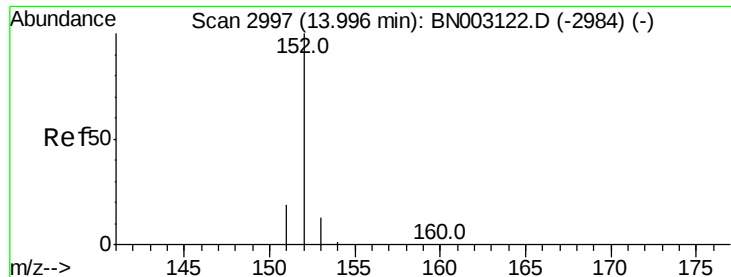
141 89.1 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampled :

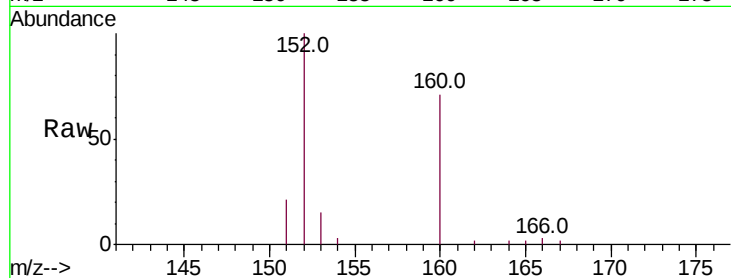
Tot Ion:152 Resp: 6254

Ion Ratio Lower Upper

152 100

151 21.3 16.5 24.7

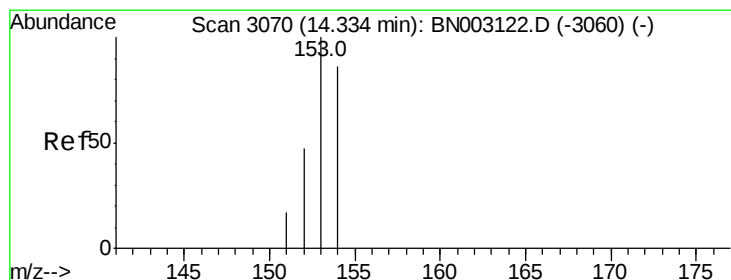
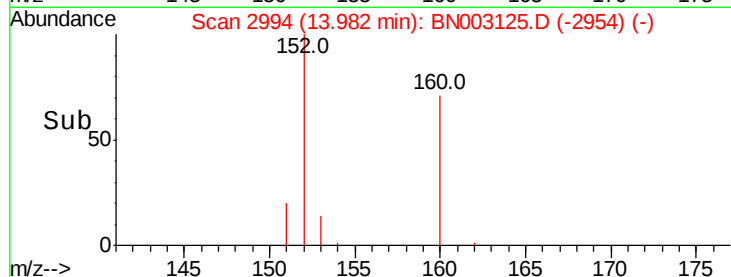
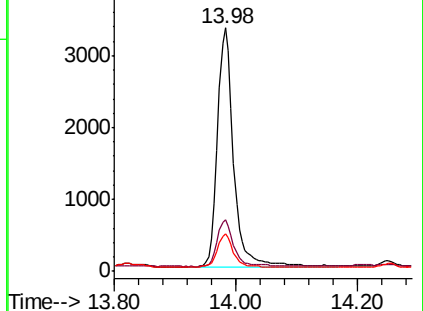
153 15.3 11.4 17.2



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



#8

Acenaphthene

Concen: 0.279 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

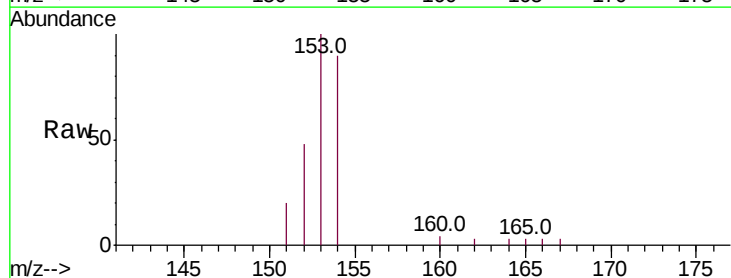
Tgt Ion:153 Resp: 3639

Ion Ratio Lower Upper

153 100

152 48.3 38.2 57.4

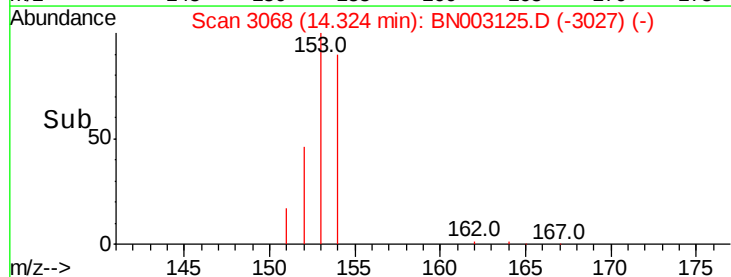
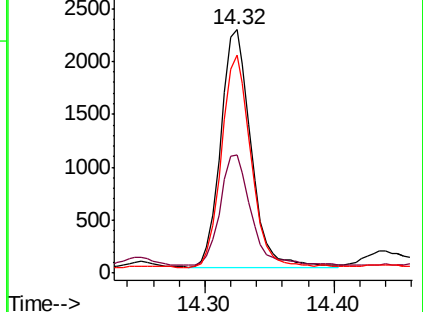
154 89.8 70.2 105.2

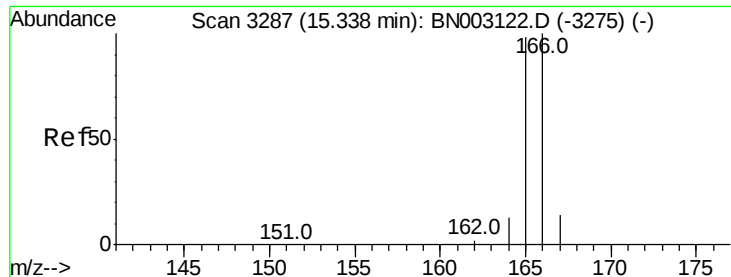


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.329 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampleId :

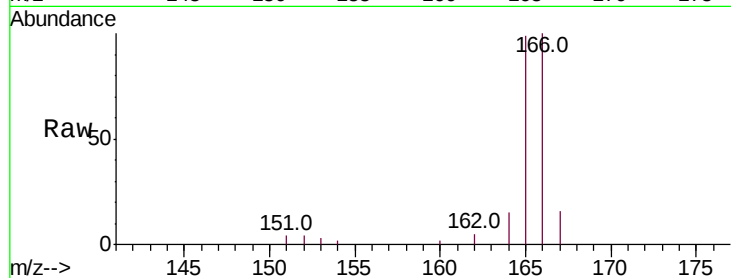
Tot Ion:166 Resp: 4911

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

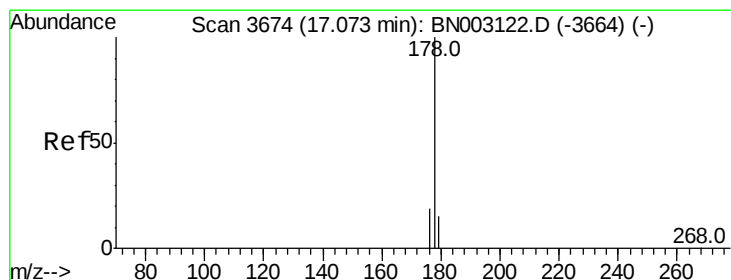
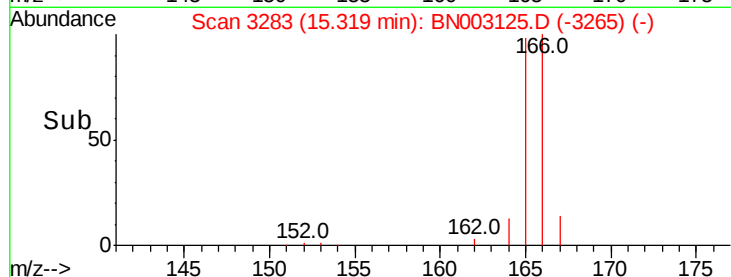
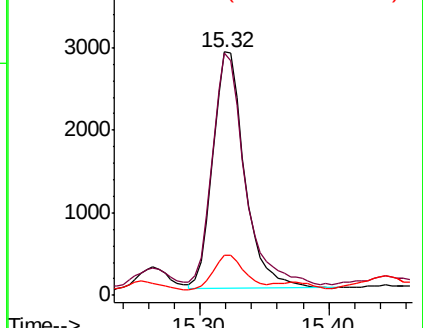
167 16.2 11.6 17.4



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



#12

Phenanthrene

Concen: 4.633 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

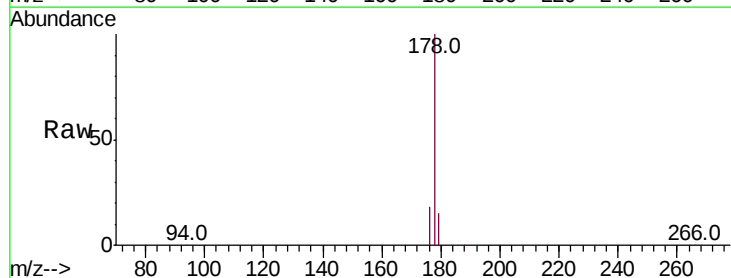
Tgt Ion:178 Resp: 93444

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

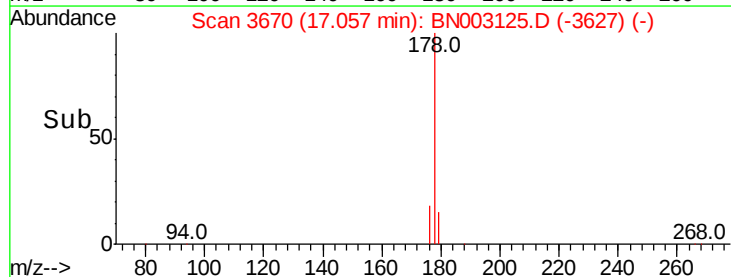
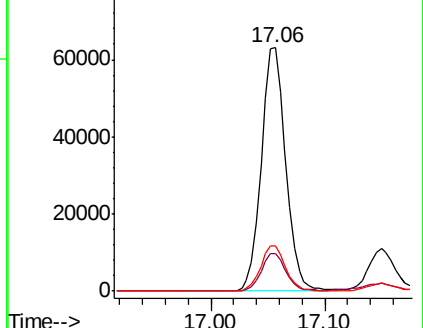
176 18.3 15.4 23.2

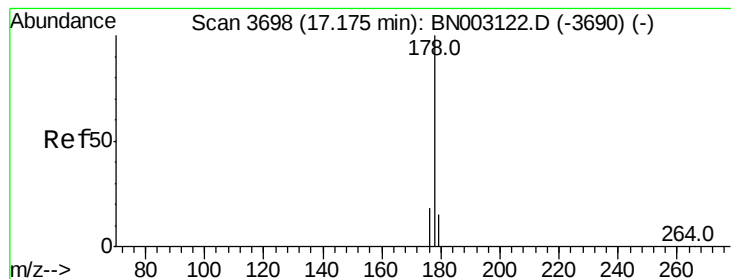


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.863 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampleId :

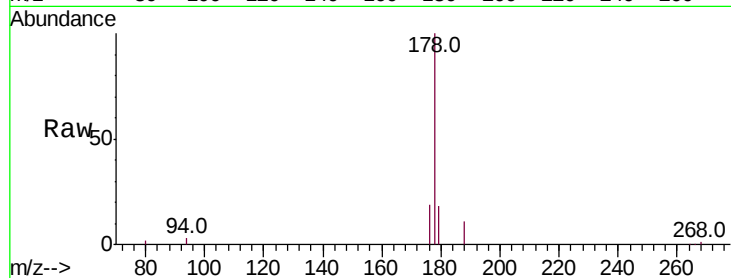
Tot Ion:178 Resp: 16446

Ion Ratio Lower Upper

178 100

179 17.7 13.0 19.6

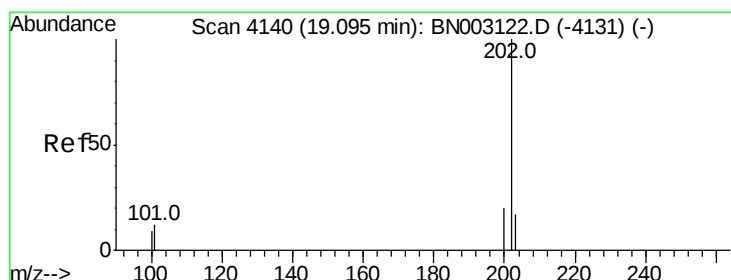
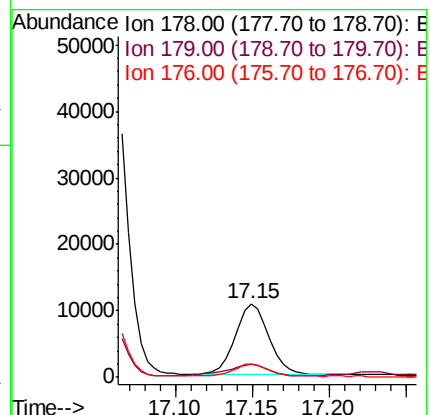
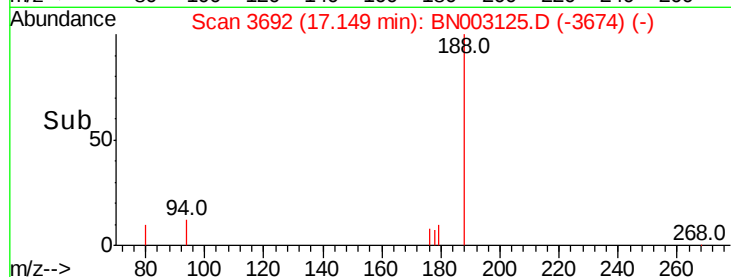
176 18.7 15.3 22.9



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: 5.624 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

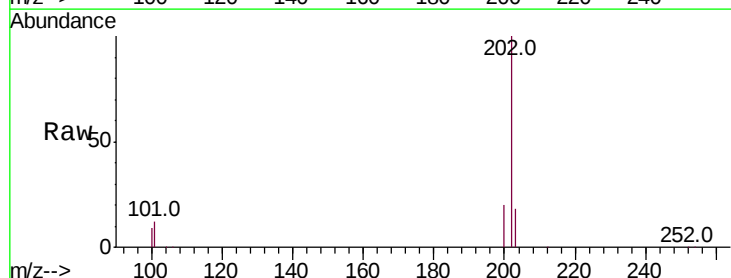
Tgt Ion:202 Resp: 133064

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.3

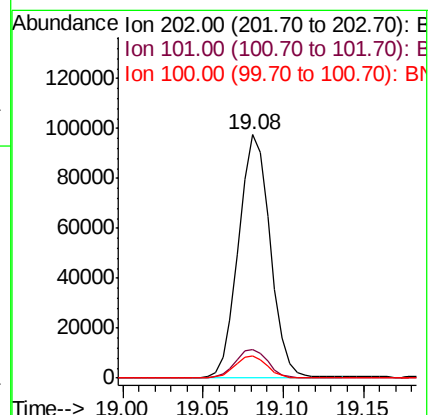
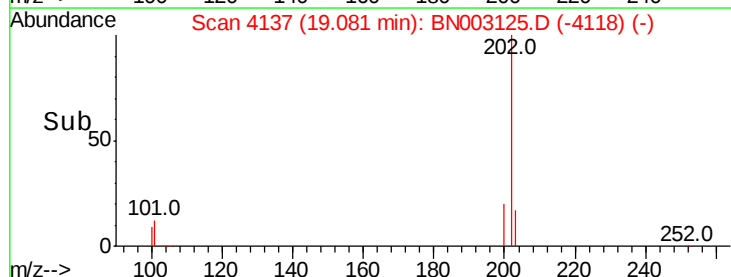
100 9.0 0.0 29.1

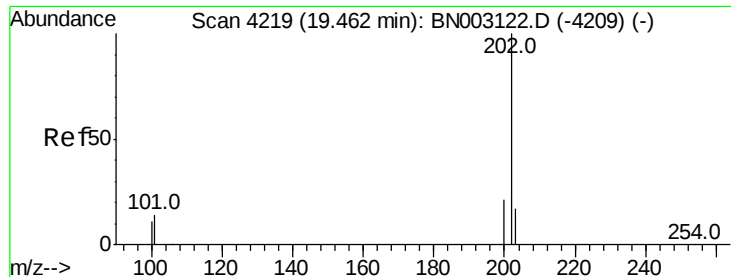


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

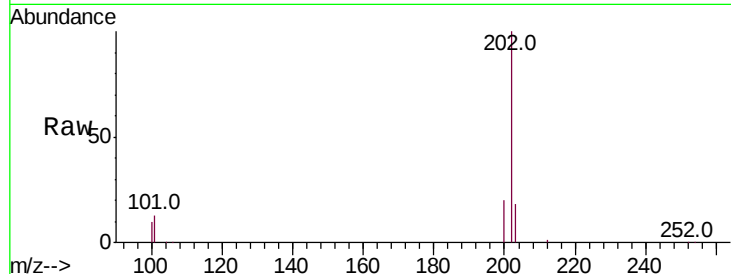




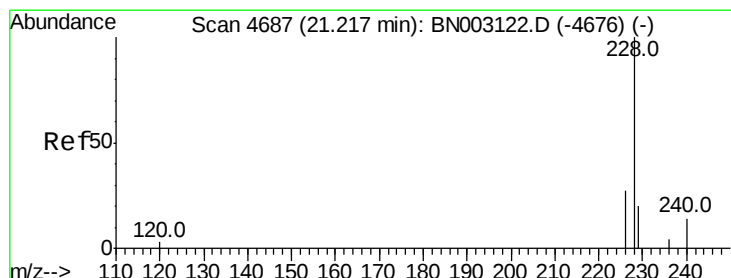
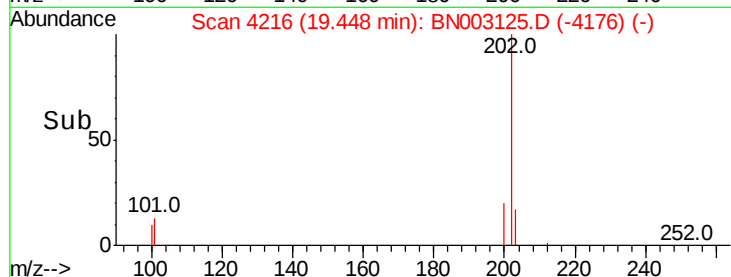
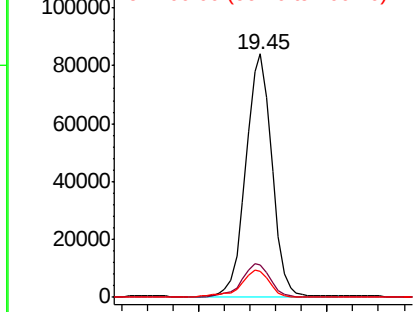
#17
Pvrene
Concen: 6.226 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp: 117737
Ion Ratio Lower Upper
202 100
101 13.2 11.9 17.9
100 10.5 9.9 14.9

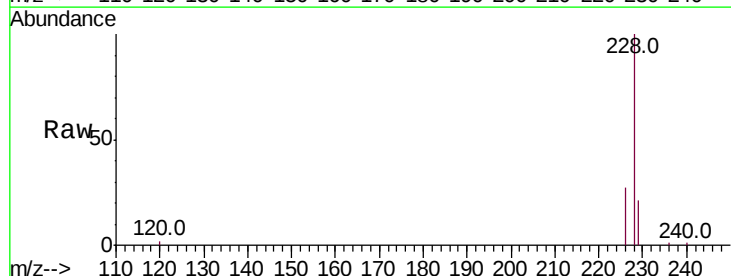


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

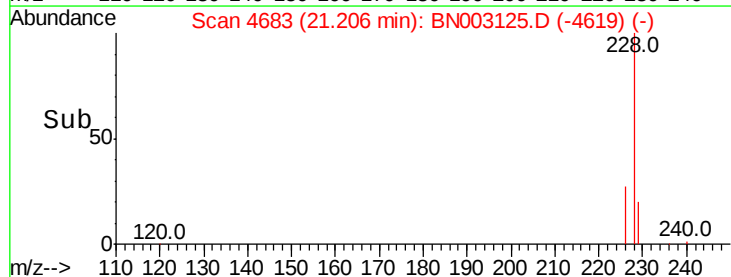
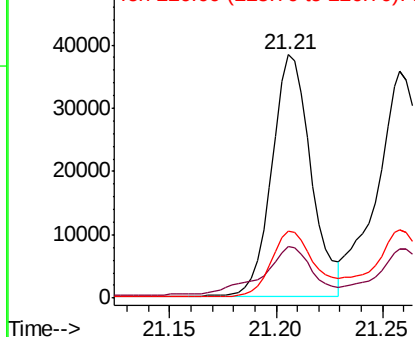


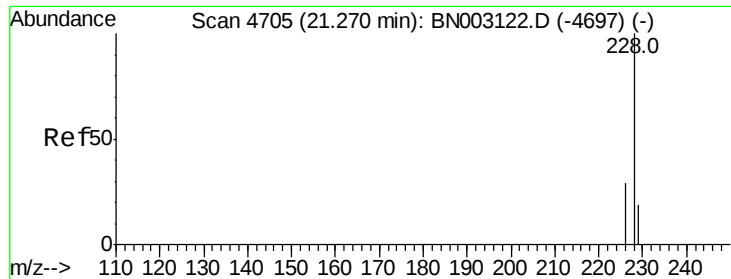
#18
Benzo(a)anthracene
Concen: 3.096 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Tgt Ion:228 Resp: 48502
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 27.4 22.3 33.5



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: 3.296 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampled :

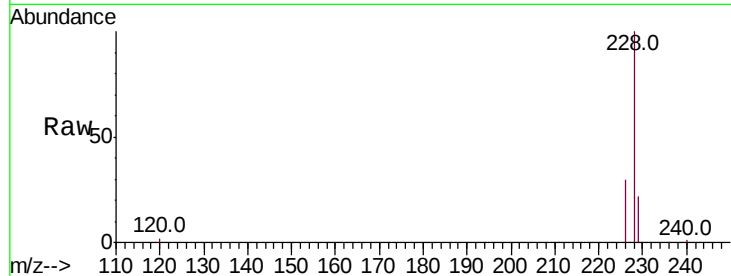
Tot Ion:228 Resp: 52440

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

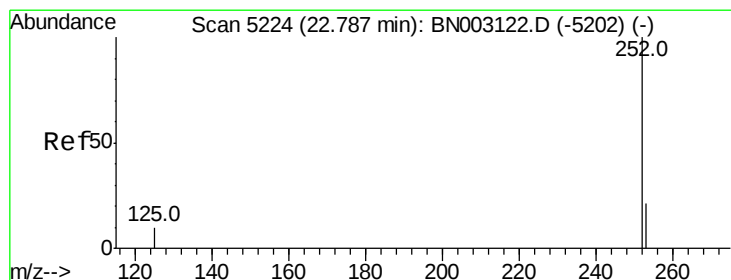
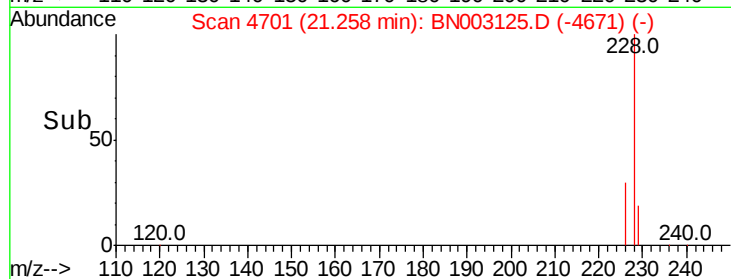
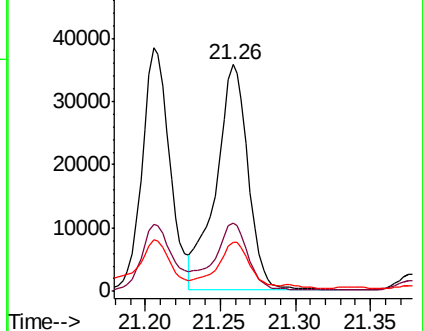
229 21.9 16.7 25.1



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: 4.603 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

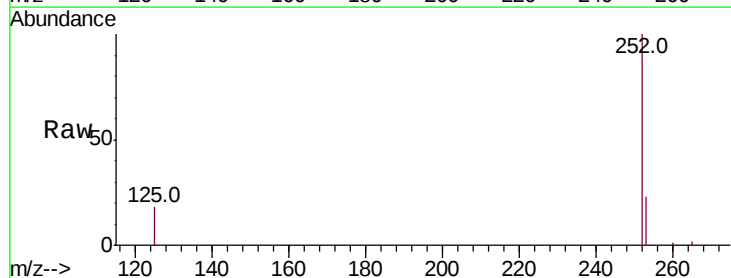
Tgt Ion:252 Resp: 89364

Ion Ratio Lower Upper

252 100

253 23.2 0.0 53.2

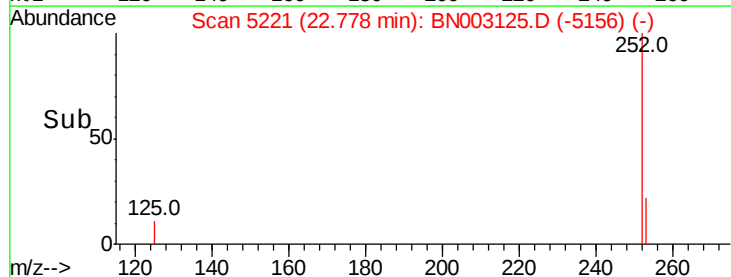
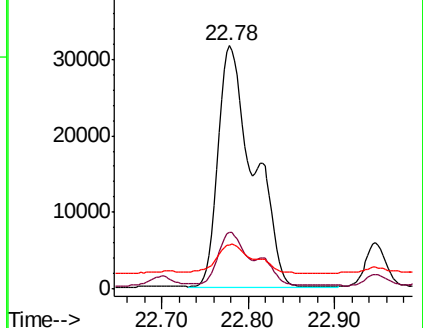
125 18.3 0.0 34.2

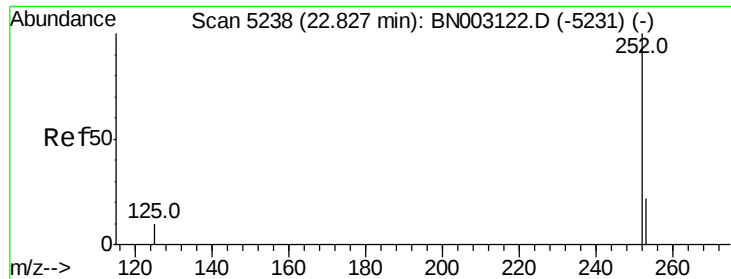


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.440 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.05 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampleId :

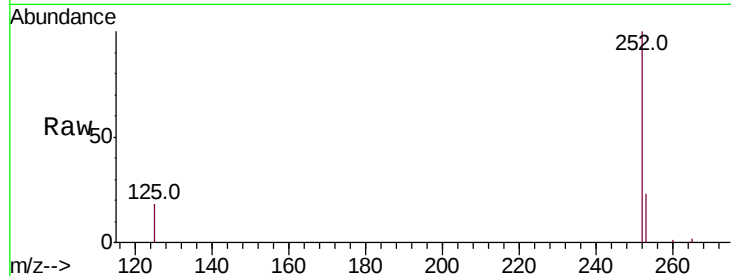
Tot Ion:252 Resp: 89354

Ion Ratio Lower Upper

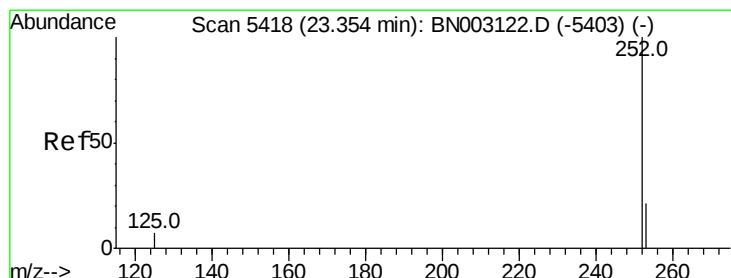
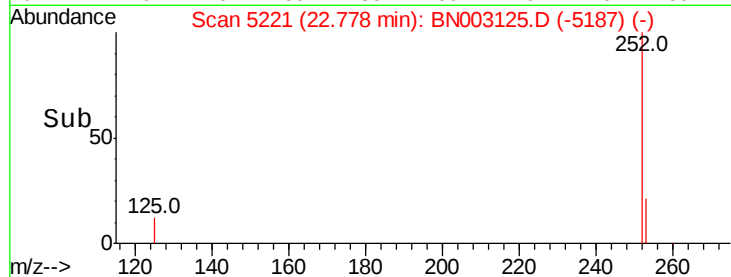
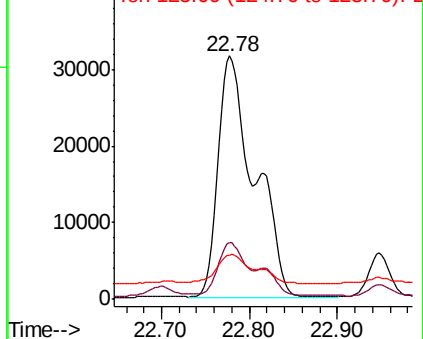
252 100

253 23.2 21.3 31.9

125 18.3 14.1 21.1



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: 2.680 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. -0.01 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

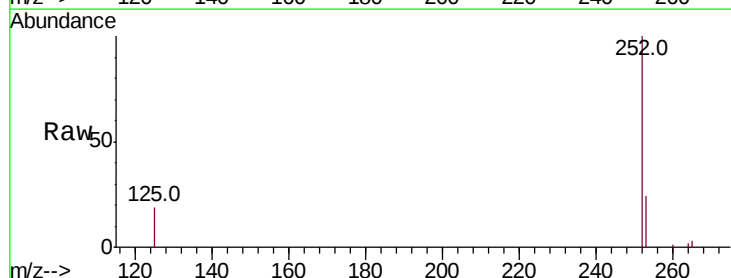
Tgt Ion:252 Resp: 46634

Ion Ratio Lower Upper

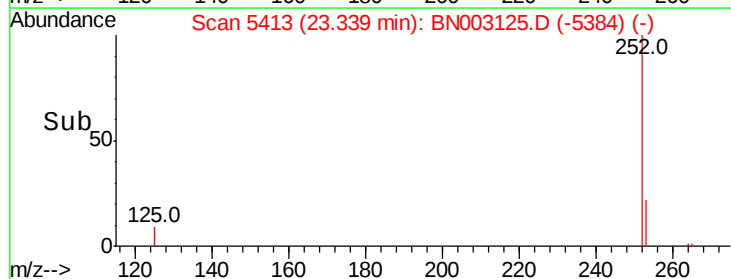
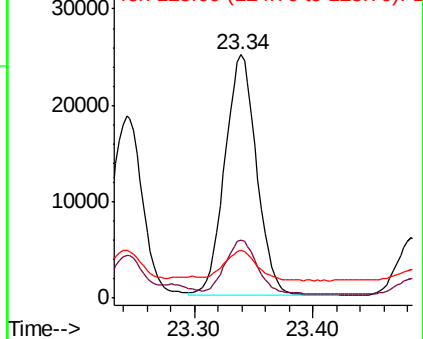
252 100

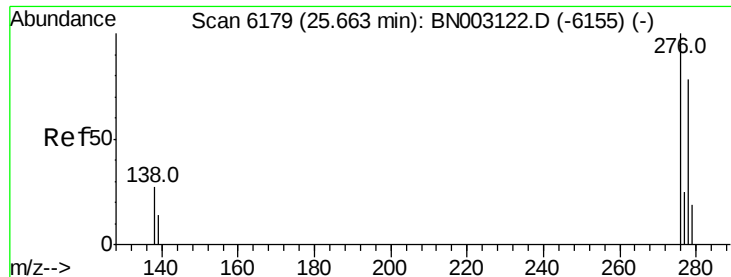
253 23.7 23.1 34.7

125 19.4 16.9 25.3



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



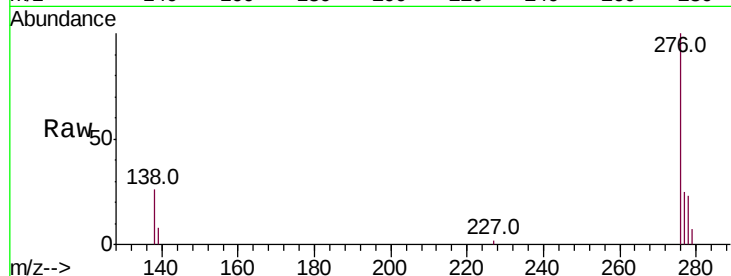


#24

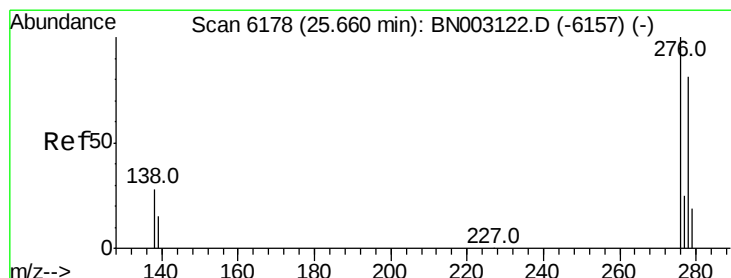
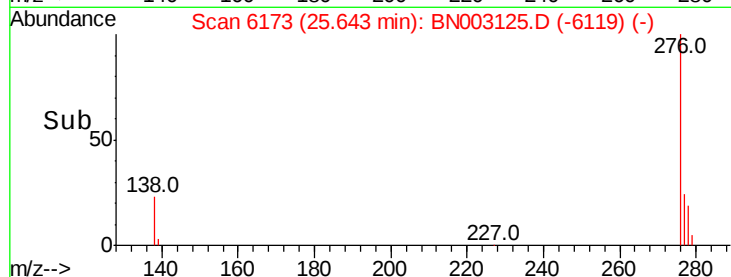
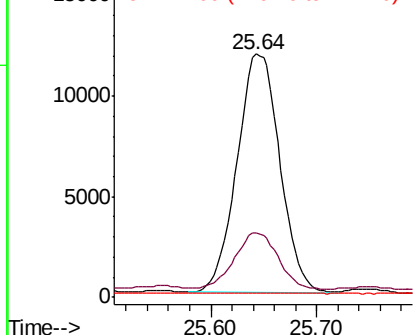
Indeno(1,2,3-cd)pyrene
Concen: 1.671 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 33405
Ion Ratio Lower Upper
276 100
138 23.9 21.5 32.3
227 0.1 0.3 0.5#



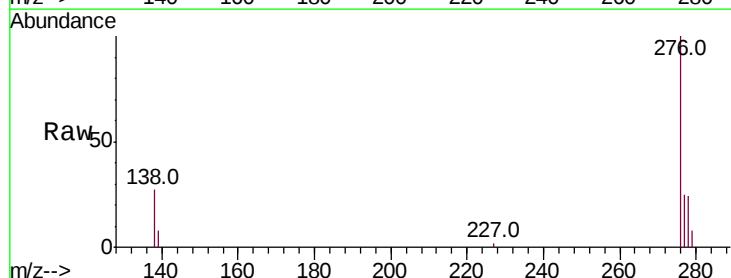
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



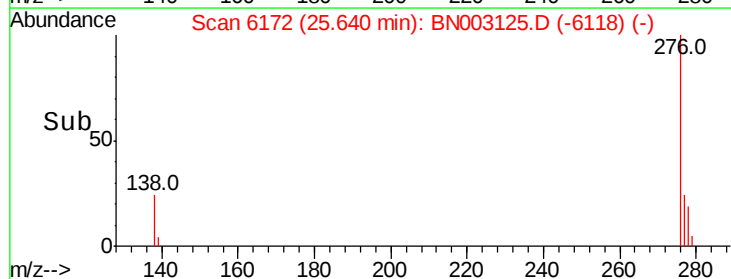
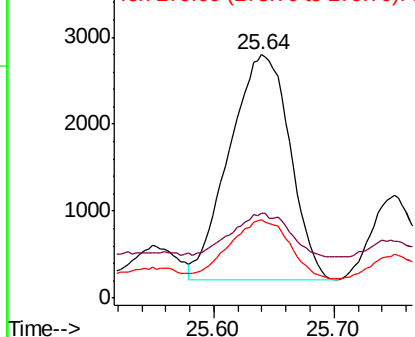
#25

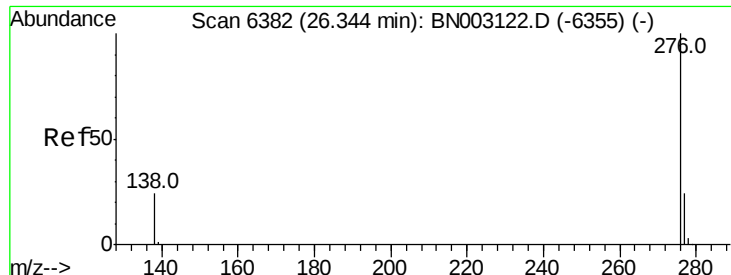
Dibenzo(a,h)anthracene
Concen: 0.564 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.02 min
Lab File: BN003125.D
Acq: 12 Oct 2018 04:14

Tgt Ion:278 Resp: 9028
Ion Ratio Lower Upper
278 100
139 34.7 20.2 30.4#
279 32.4 23.8 35.8



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(a,h,i)perylene

Concen: 1.870 ng/ul

RT: 26.32 min Scan# 6376

Delta R.T. -0.02 min

Lab File: BN003125.D

Acq: 12 Oct 2018 04:14

Instrument :

BNA_N

ClientSampleId :

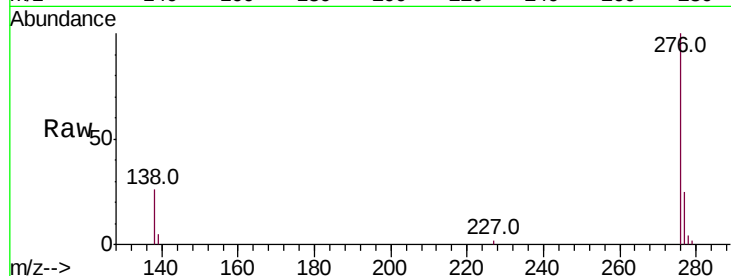
Tot Ion:276 Resp: 31532

Ion Ratio Lower Upper

276 100

138 26.2 23.0 34.4

277 25.2 22.0 33.0



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

