

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003129.D
 Acq On : 12 Oct 2018 06:35
 Operator : MJ/SJ
 Sample : J5234-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 07:32:32 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

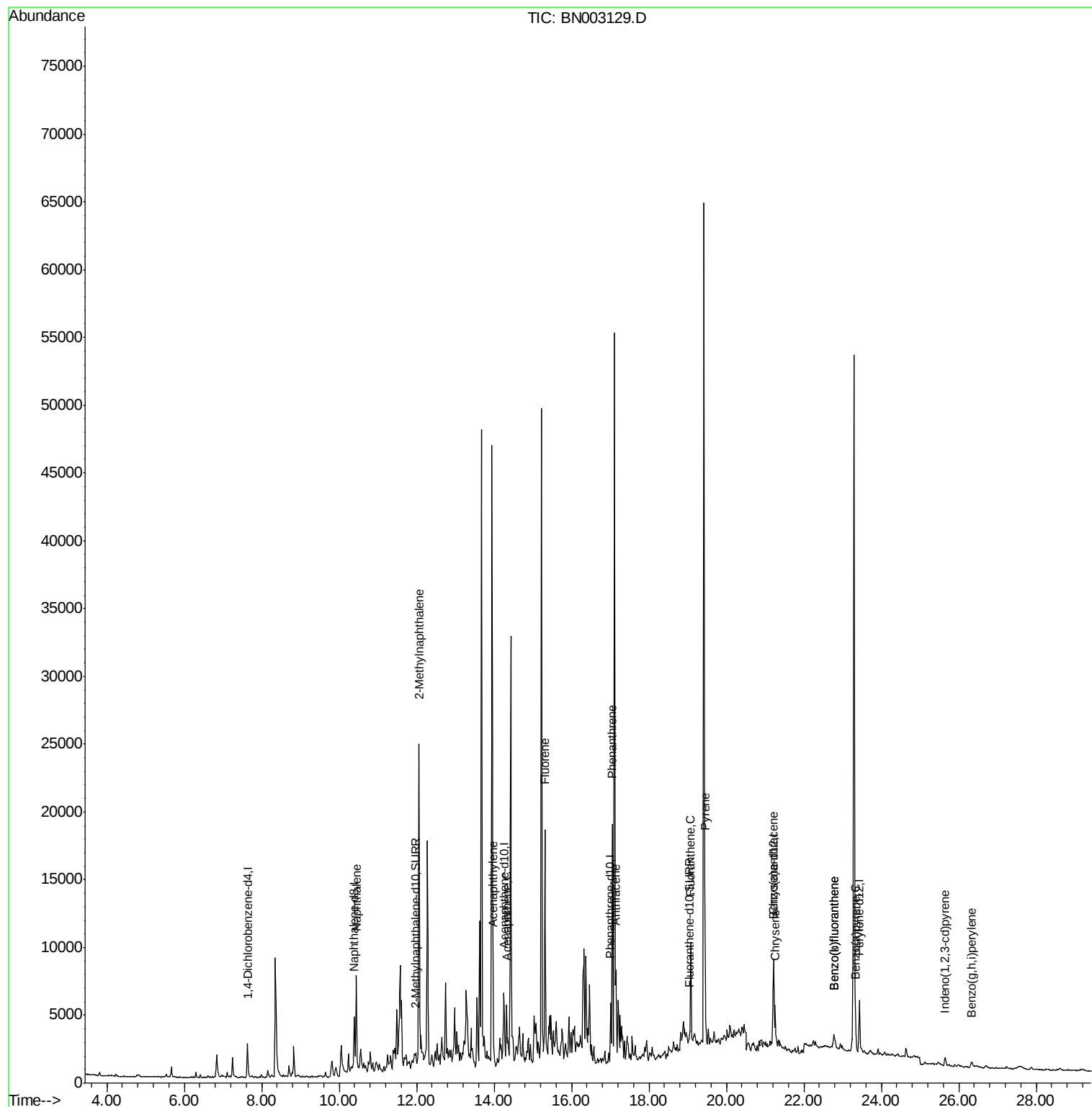
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1554	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	5589	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2849	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4909	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4754	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5089	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	535	0.06	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	1895	0.13	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	9954	0.694	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	18708	1.895	ng/ul	97
7) Acenaphthylene	13.98	152	1475	0.113	ng/ul#	47
8) Acenaphthene	14.32	153	2188	0.221	ng/ul	96
9) Fluorene	15.31	166	10290	0.908	ng/ul#	98
12) Phenanthrene	17.05	178	18303	1.338	ng/ul	97
13) Anthracene	17.15	178	6353	0.491	ng/ul#	90
15) Fluoranthene	19.08	202	6512	0.406	ng/ul	91
17) Pyrene	19.45	202	10400	0.563	ng/ul	98
18) Benzo(a)anthracene	21.21	228	3202	0.209	ng/ul#	65
19) Chrysene	21.26	228	3000	0.193	ng/ul#	62
21) Benzo(b)fluoranthene	22.78	252	2186	0.119	ng/ul#	33
22) Benzo(k)fluoranthene	22.78	252	2186	0.115	ng/ul#	34
23) Benzo(a)pyrene	23.34	252	1954	0.119	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.65	276	936	0.050	ng/ul#	98
26) Benzo(a,h,i)perylene	26.33	276	853	0.054	ng/ul#	43

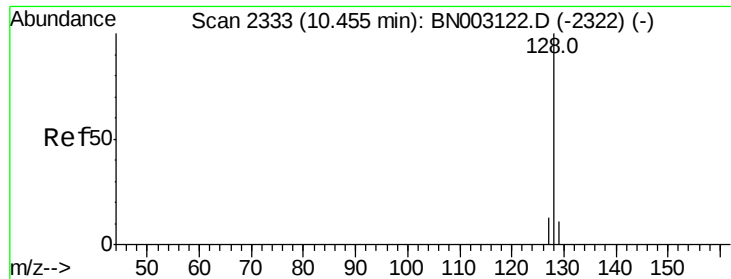
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.694 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

Instrument :

BNA_N

ClientSampleId :

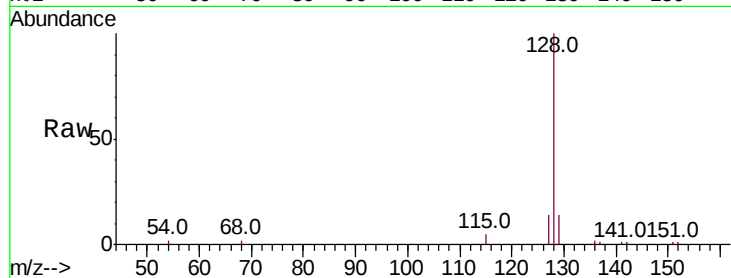
Tot Ion:128 Resp: 9954

Ion Ratio Lower Upper

128 100

129 13.6 10.4 15.6

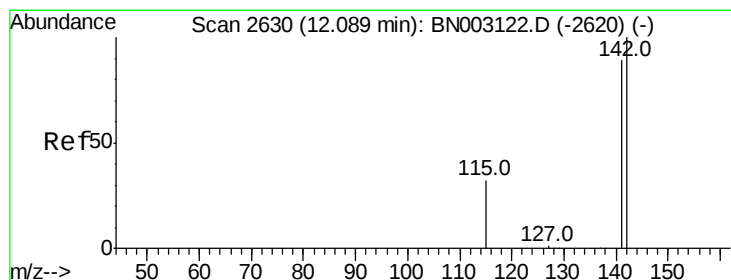
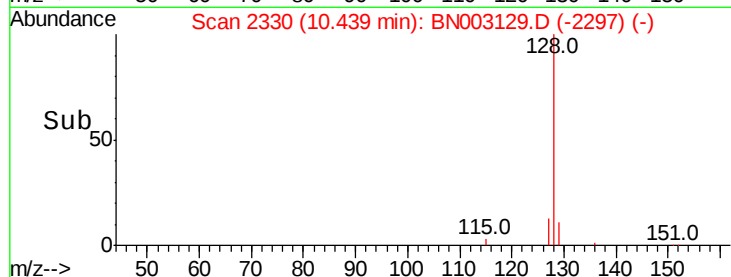
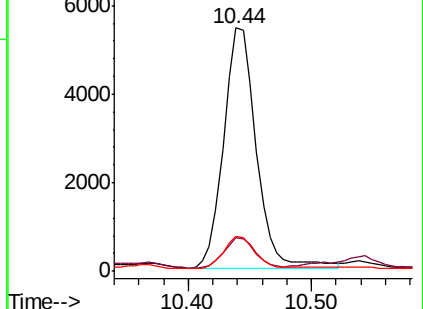
127 14.2 11.7 17.5



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: 1.895 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.03 min

Lab File: BN003129.D

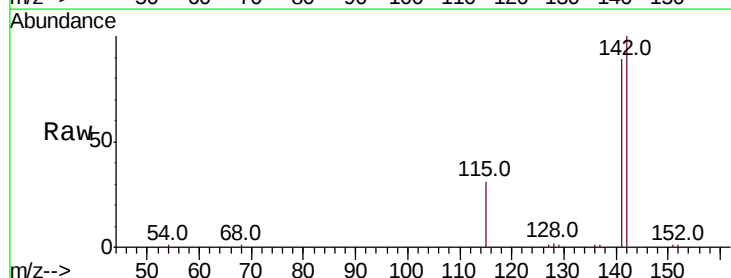
Acq: 12 Oct 2018 06:35

Tgt Ion:142 Resp: 18708

Ion Ratio Lower Upper

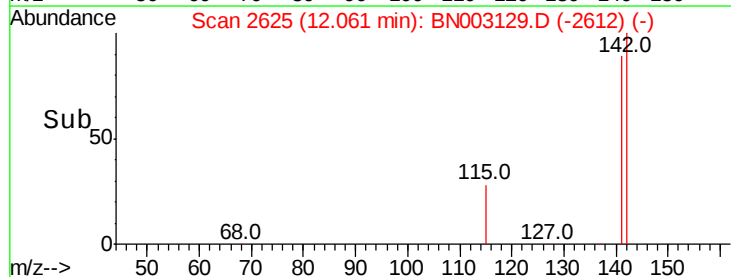
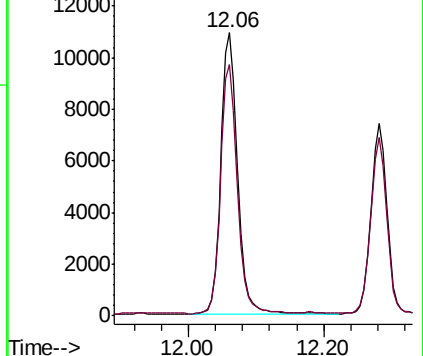
142 100

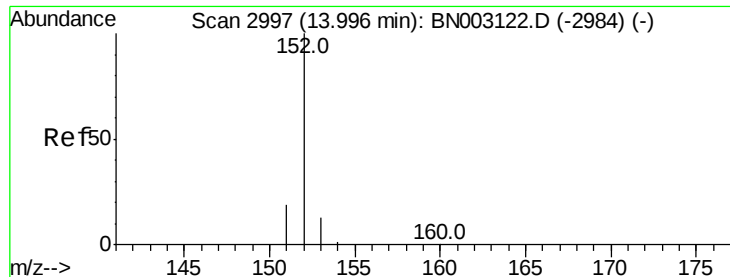
141 88.7 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

Instrument :

BNA_N

ClientSampleId :

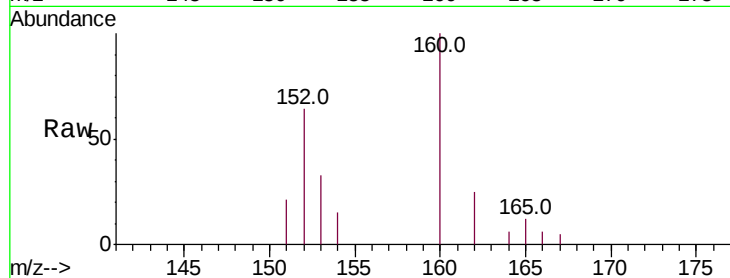
Tot Ion:152 Resp: 1475

Ion Ratio Lower Upper

152 100

151 33.4 16.5 24.7#

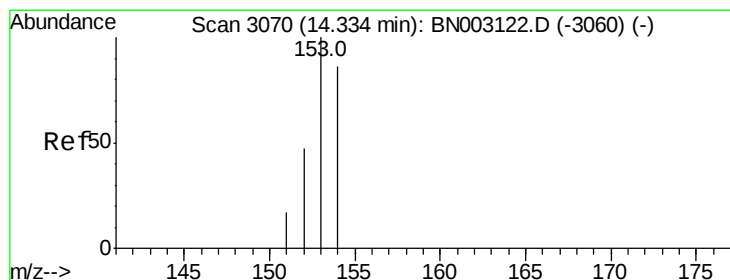
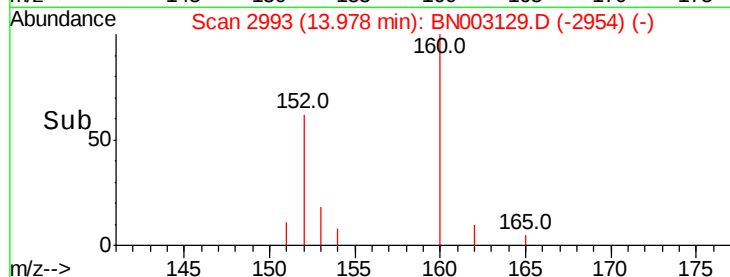
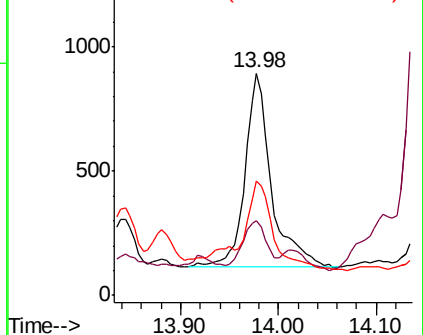
153 51.3 11.4 17.2#



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: 0.221 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

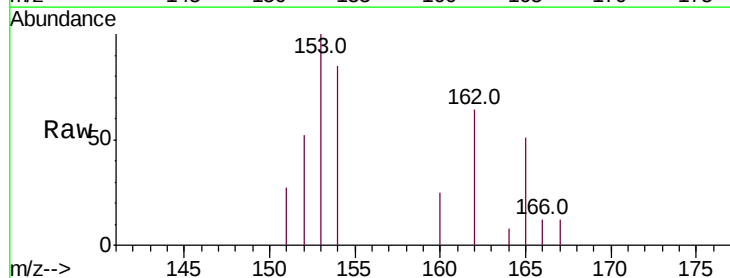
Tgt Ion:153 Resp: 2188

Ion Ratio Lower Upper

153 100

152 52.2 38.2 57.4

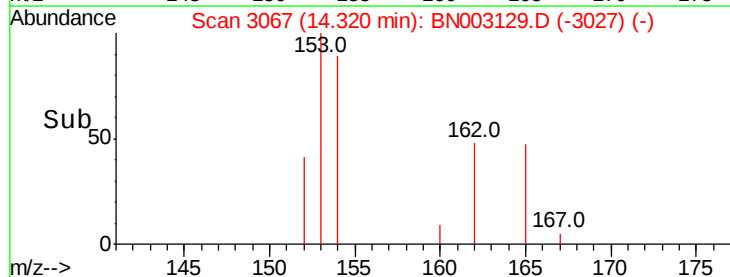
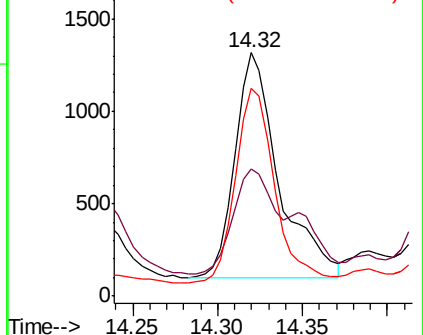
154 85.5 70.2 105.2

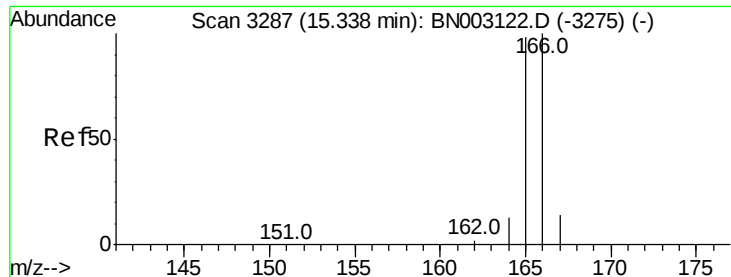


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.908 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

Instrument :

BNA_N

ClientSampleId :

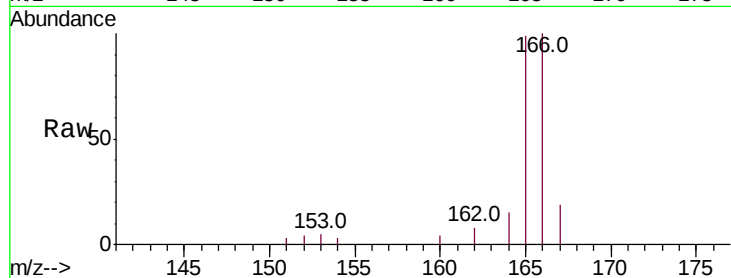
Tot Ion:166 Resp: 10290

Ion Ratio Lower Upper

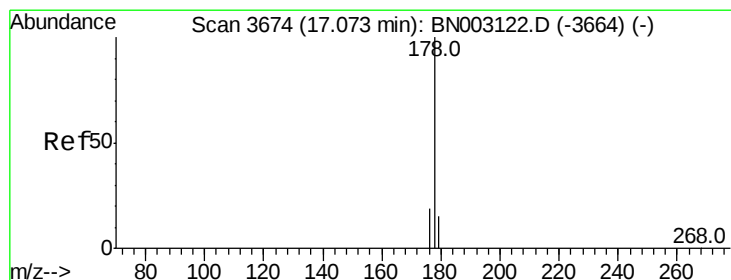
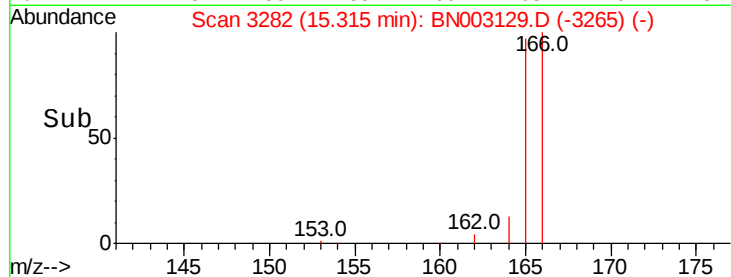
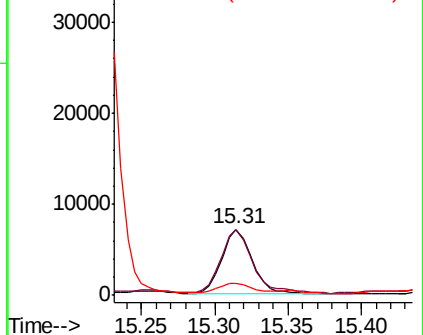
166 100

165 98.6 78.5 117.7

167 18.5 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: 1.338 ng/ul

RT: 17.05 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

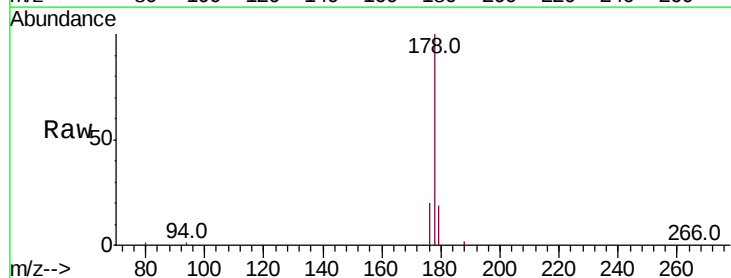
Tgt Ion:178 Resp: 18303

Ion Ratio Lower Upper

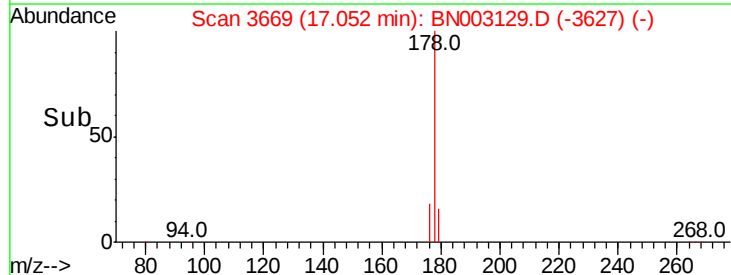
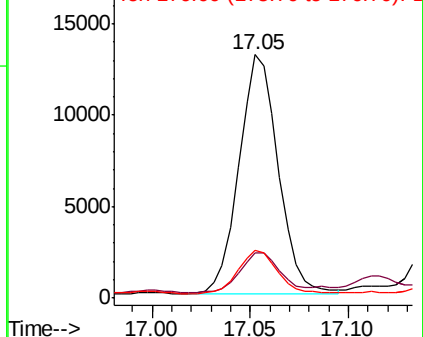
178 100

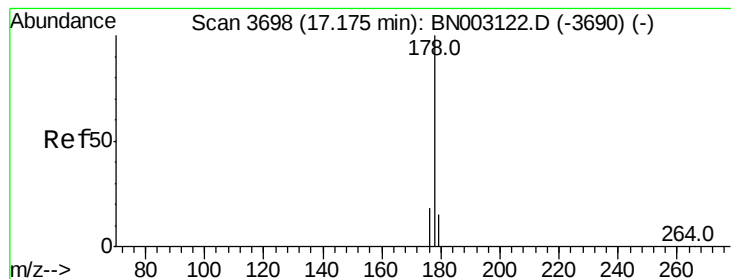
179 18.5 12.9 19.3

176 19.7 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: 0.491 ng/ul

RT: 17.15 min Scan# 3691

Delta R.T. -0.03 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

Instrument :

BNA_N

ClientSampleId :

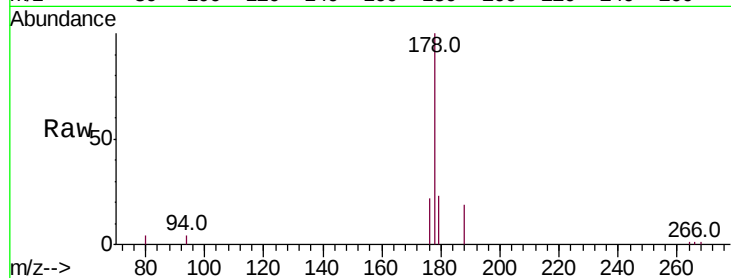
Tot Ion:178 Resp: 6353

Ion Ratio Lower Upper

178 100

179 22.6 13.0 19.6#

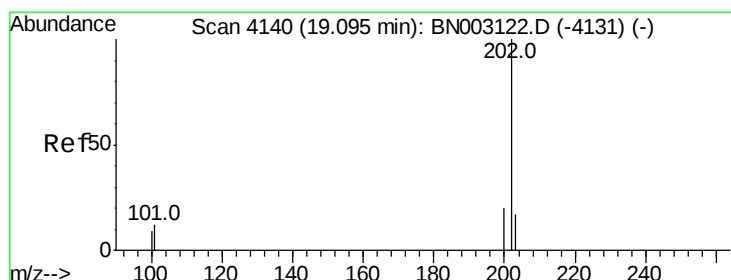
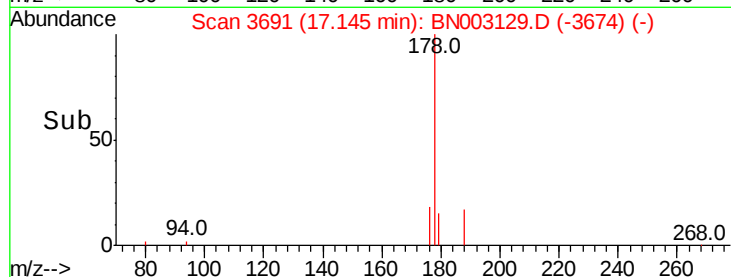
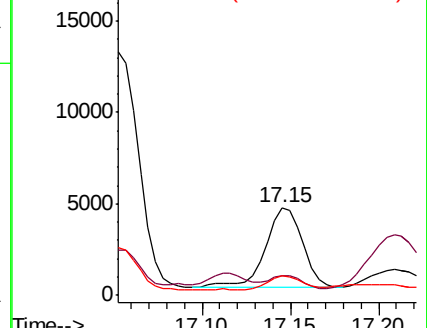
176 21.9 15.3 22.9



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: 0.406 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

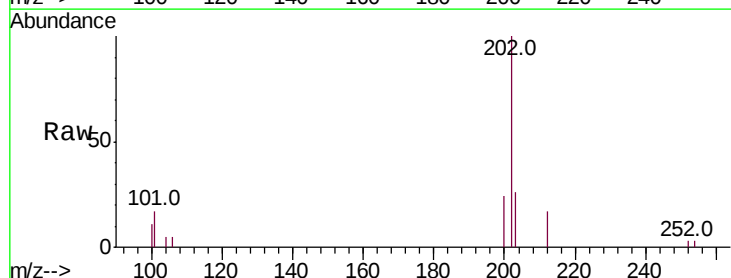
Tgt Ion:202 Resp: 6512

Ion Ratio Lower Upper

202 100

101 17.1 0.0 32.3

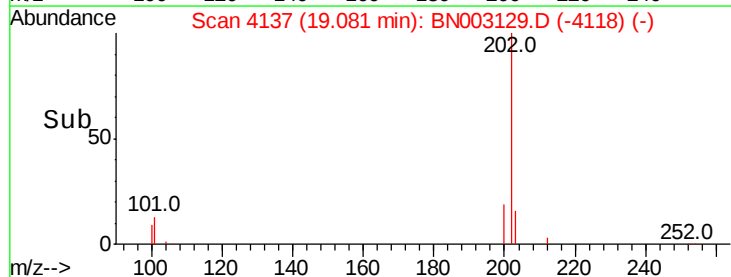
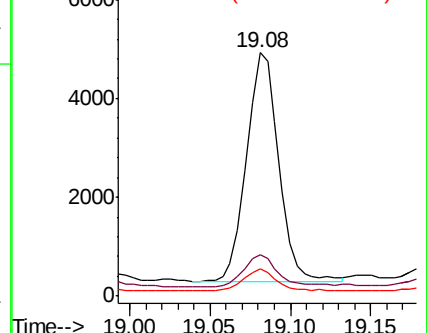
100 11.0 0.0 29.1

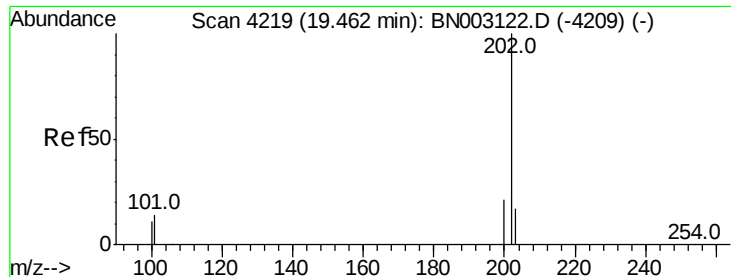


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

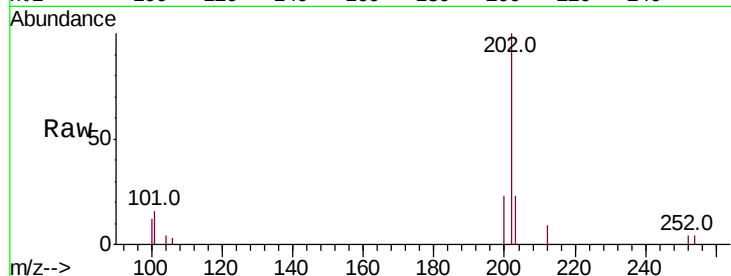




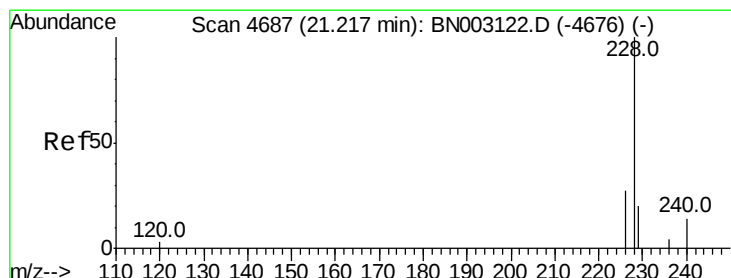
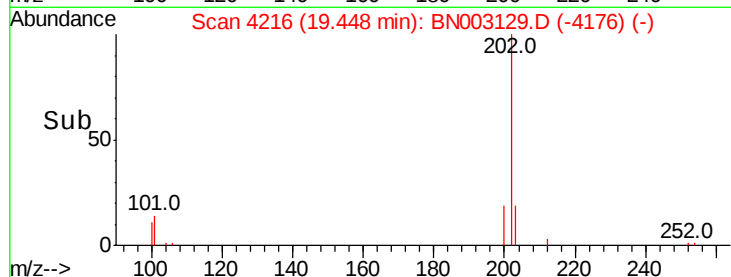
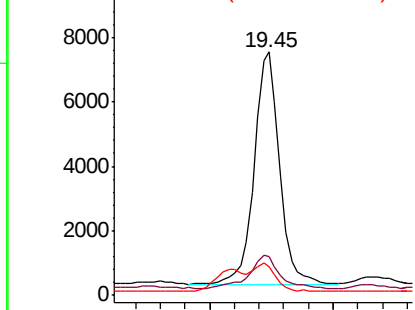
#17
Pvrene
Concen: 0.563 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003129.D
Acq: 12 Oct 2018 06:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.9	17.9
100	11.7	9.9	14.9

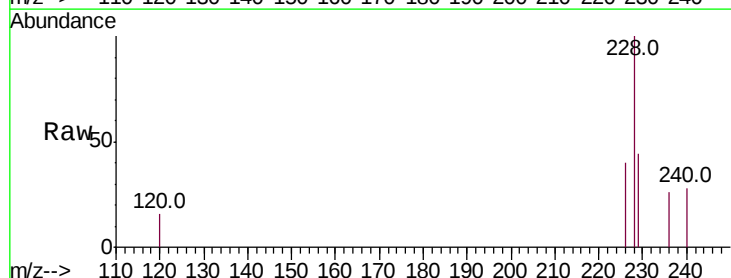


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

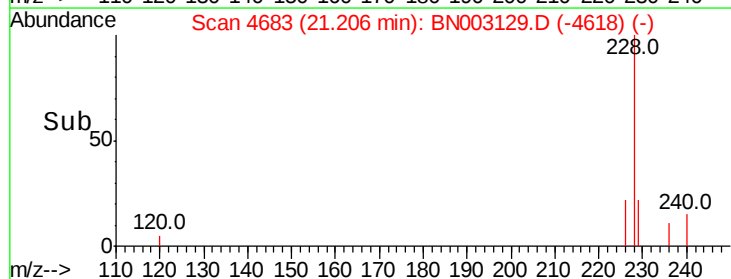
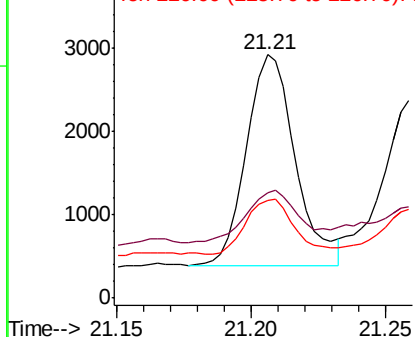


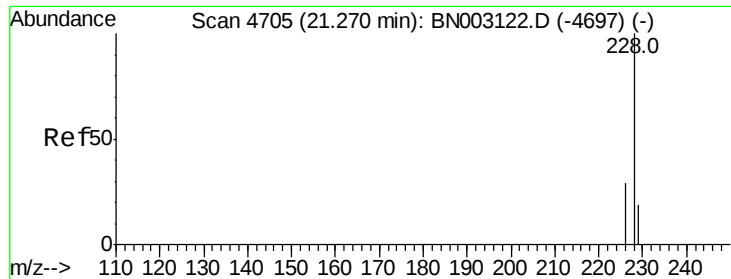
#18
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.21 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN003129.D
Acq: 12 Oct 2018 06:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	43.5	16.2	24.2#
226	40.4	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: 0.193 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

Instrument :

BNA_N

ClientSampleId :

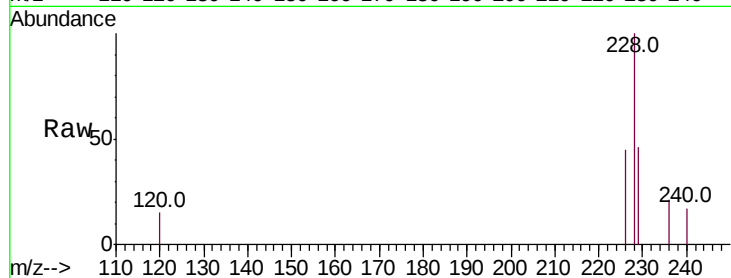
Tot Ion:228 Resp: 3000

Ion Ratio Lower Upper

228 100

226 44.6 24.2 36.4#

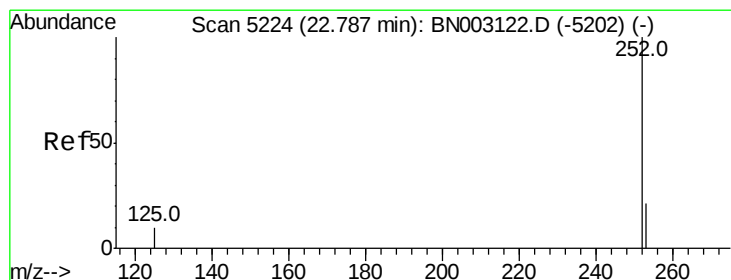
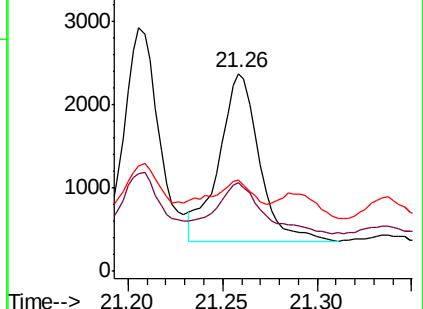
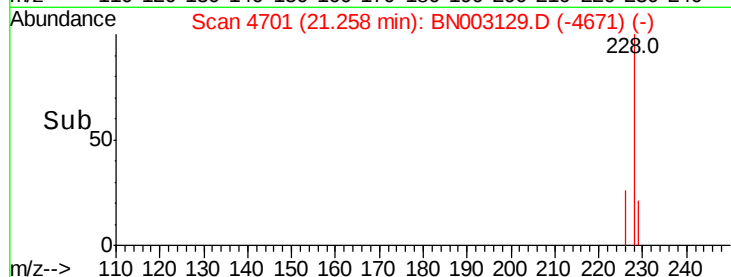
229 46.2 16.7 25.1#



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: 0.119 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003129.D

Acq: 12 Oct 2018 06:35

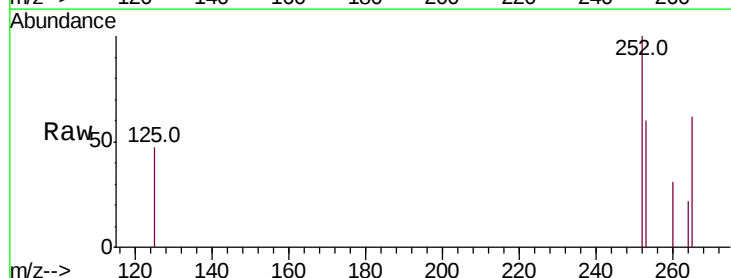
Tgt Ion:252 Resp: 2186

Ion Ratio Lower Upper

252 100

253 60.0 0.0 53.2#

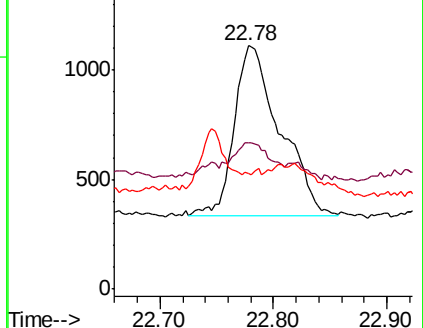
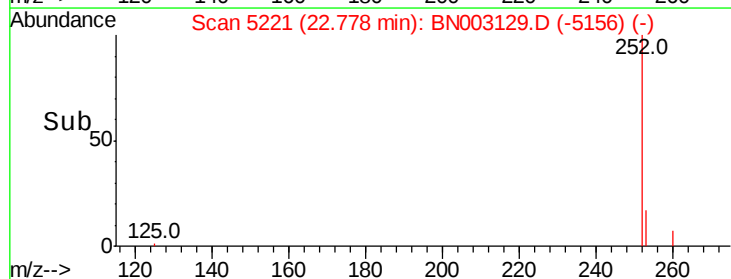
125 47.4 0.0 34.2#

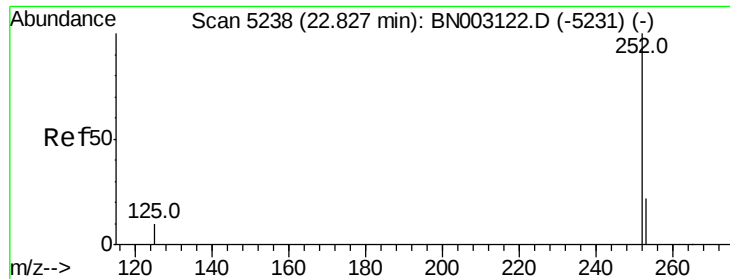


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

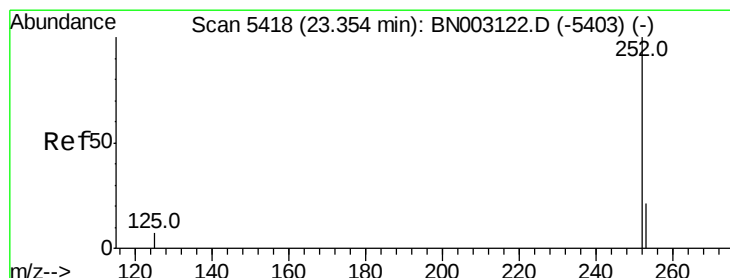
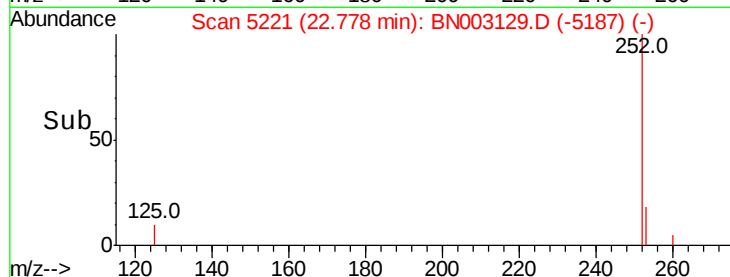
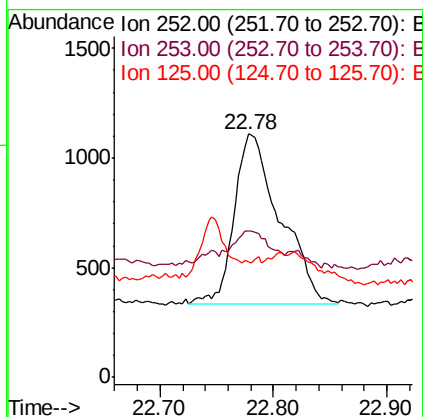
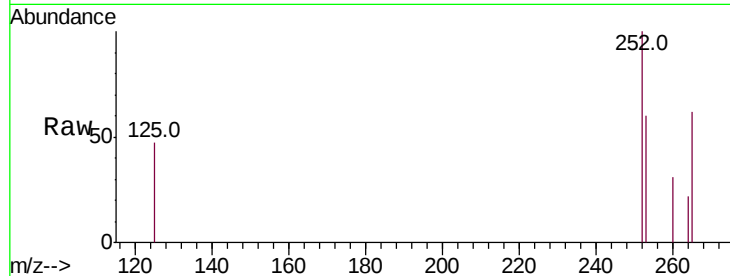




#22
Benzo(k)fluoranthene
Concen: 0.115 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.05 min
Lab File: BN003129.D
Acq: 12 Oct 2018 06:35

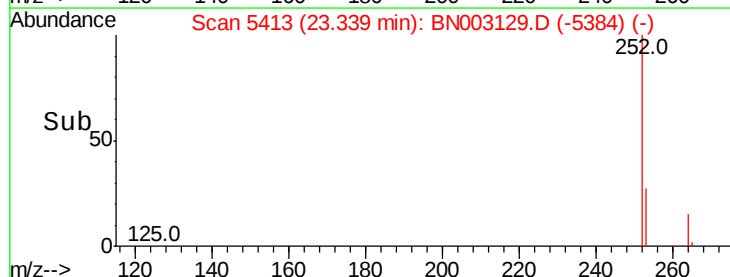
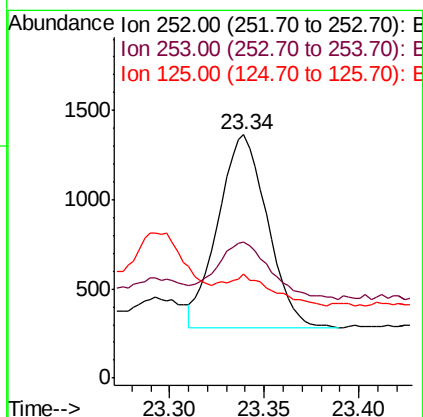
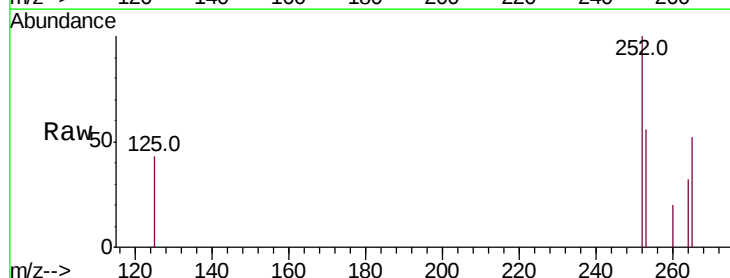
Instrument :
BNA_N
ClientSampleId :

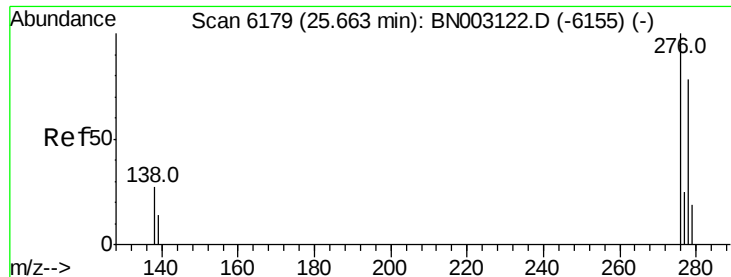
Tot Ion:252 Resp: 2186
Ion Ratio Lower Upper
252 100
253 60.0 21.3 31.9#
125 47.4 14.1 21.1#



#23
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN003129.D
Acq: 12 Oct 2018 06:35

Tgt Ion:252 Resp: 1954
Ion Ratio Lower Upper
252 100
253 55.7 23.1 34.7#
125 42.6 16.9 25.3#



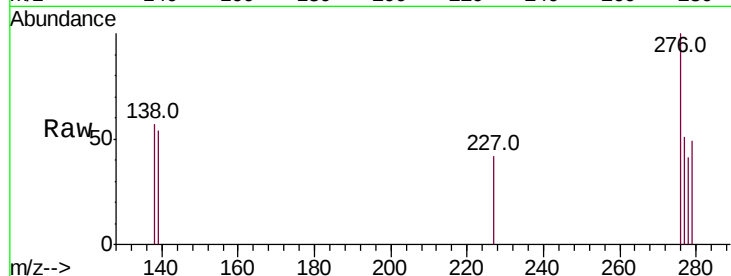


#24

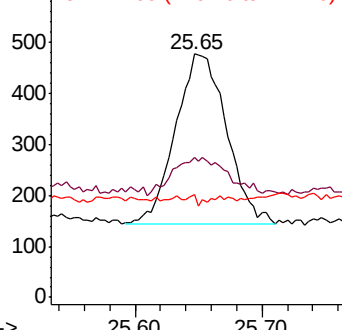
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/u1
RT: 25.65 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003129.D
Acq: 12 Oct 2018 06:35

Instrument :
BNA_N
ClientSampleId :

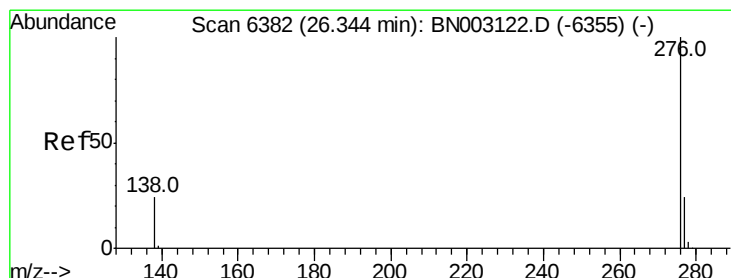
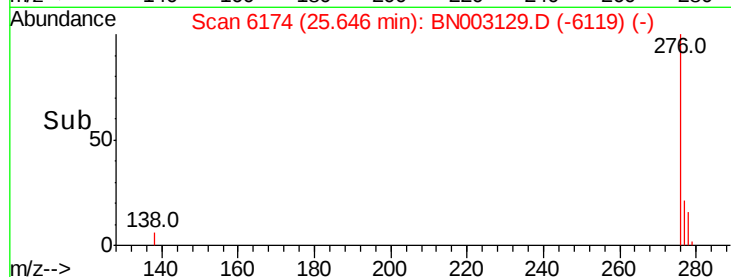
Tot Ion:276 Resp: 936
Ion Ratio Lower Upper
276 100
138 25.6 21.5 32.3
227 1.2 0.3 0.5#



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



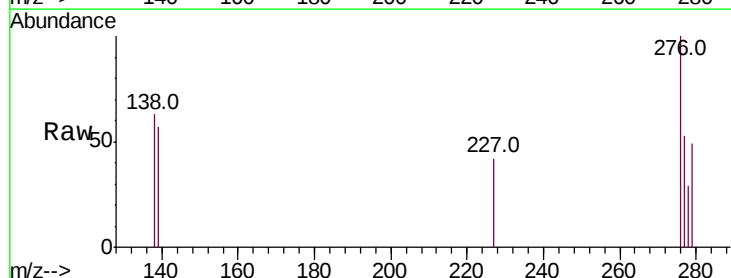
Time-->



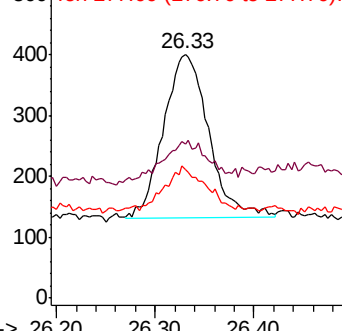
#26

Benzo(g,h,i)perylene
Concen: 0.054 ng/u1
RT: 26.33 min Scan# 6378
Delta R.T. -0.01 min
Lab File: BN003129.D
Acq: 12 Oct 2018 06:35

Tgt Ion:276 Resp: 853
Ion Ratio Lower Upper
276 100
138 63.3 23.0 34.4#
277 52.6 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



Time-->

