

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003123.D
 Acq On : 12 Oct 2018 03:04
 Operator : MJ/SJ
 Sample : J5230-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 07:31:50 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

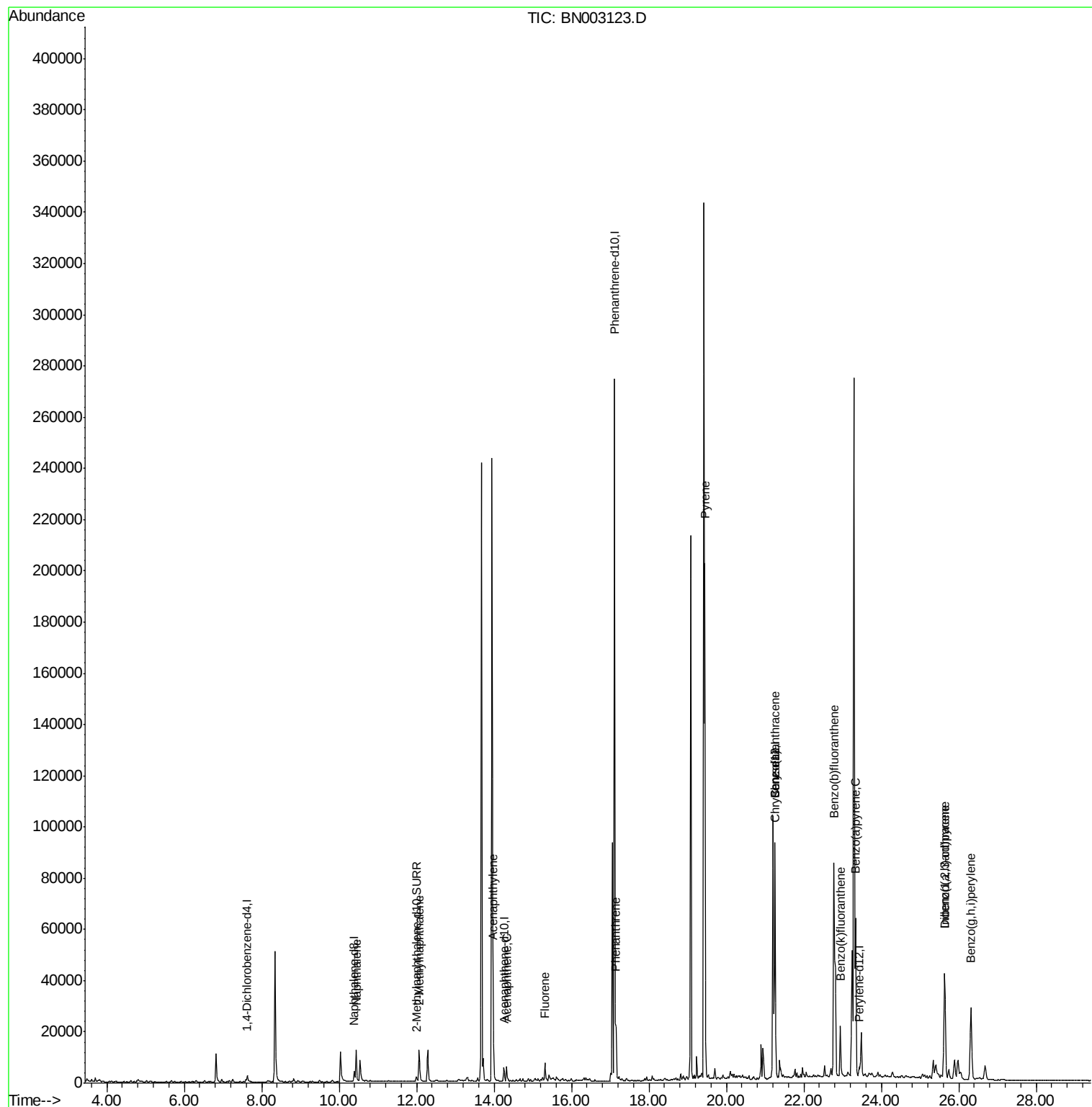
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1513	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5465	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	312515	0.40	ng/ul	0.08
16) Chrysene-d12	21.27	240	86	0.40	ng/ul	0.04
20) Perylene-d12	23.43	264	4855	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2619	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.15	212	105	0.00	ng/ul	0.08
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	17404	1.241	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	10650	1.103	ng/ul	97
7) Acenaphthylene	13.98	152	22537	1.822	ng/ul	99
8) Acenaphthene	14.32	153	3483	0.371	ng/ul	98
9) Fluorene	15.32	166	4347	0.404	ng/ul#	98
12) Phenanthrene	17.15	178	27664	0.032	ng/ul	98
17) Pyrene	19.45	202	170394	510.131	ng/ul	96
18) Benzo(a)anthracene	21.26	228	89673	324.023	ng/ul	96
19) Chrysene	21.26	228	89364	318.000	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	178522	10.210	ng/ul	92
22) Benzo(k)fluoranthene	22.94	252	19993	1.103	ng/ul	98
23) Benzo(a)pyrene	23.34	252	80435	5.133	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.64	276	62674	3.481	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	16746	1.162	ng/ul	99
26) Benzo(g,h,i)perylene	26.32	276	56549	3.724	ng/ul	93

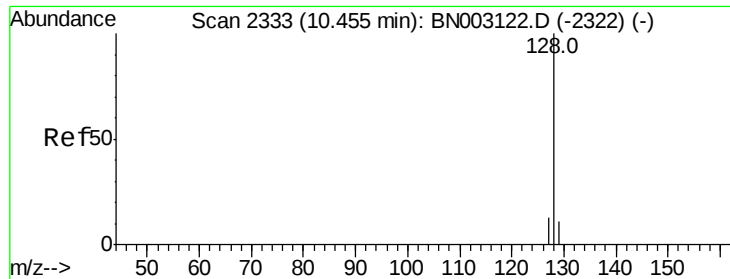
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.241 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

ClientSampleId :

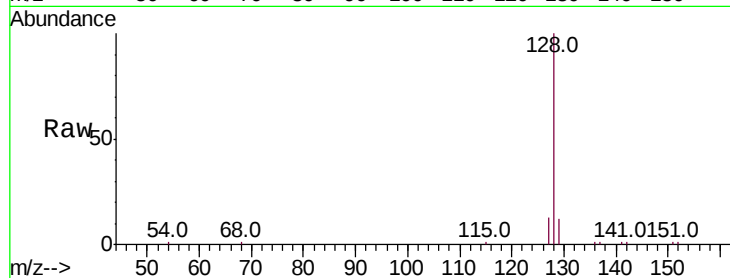
Tot Ion:128 Resp: 17404

Ion Ratio Lower Upper

128 100

129 11.8 10.4 15.6

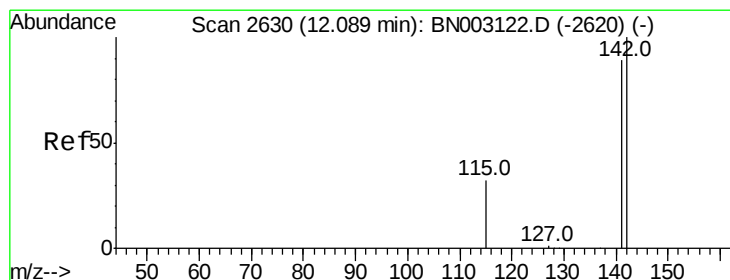
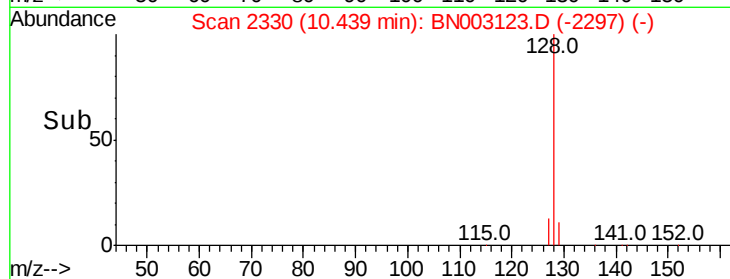
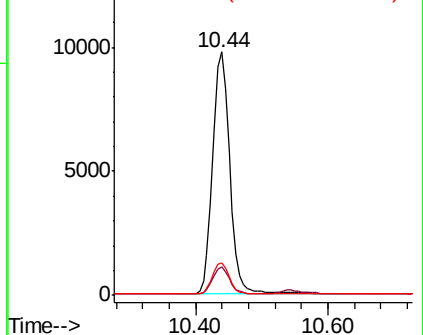
127 13.3 11.7 17.5



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: 1.103 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN003123.D

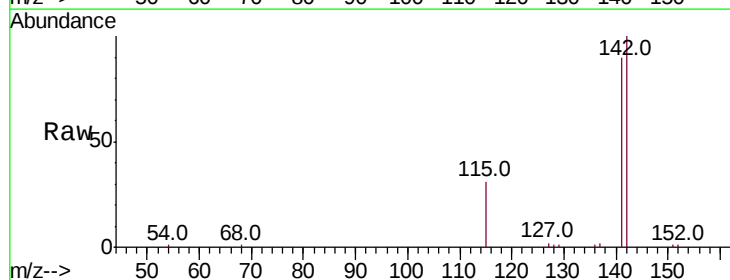
Acq: 12 Oct 2018 03:04

Tgt Ion:142 Resp: 10650

Ion Ratio Lower Upper

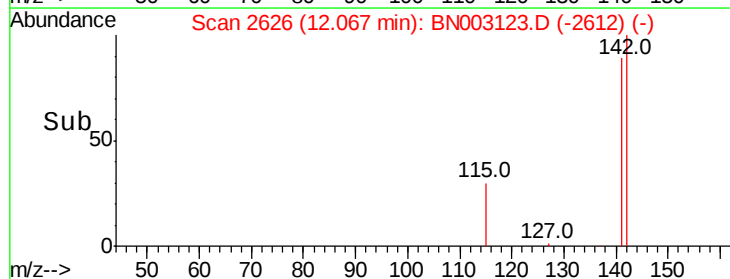
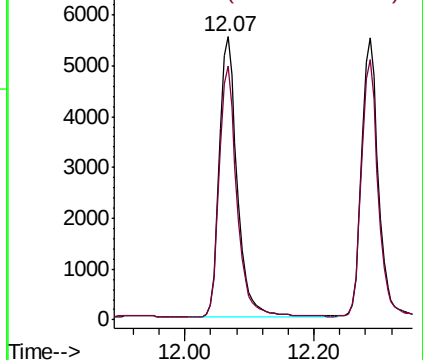
142 100

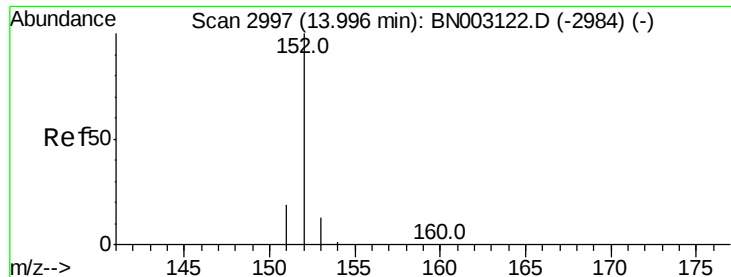
141 88.5 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.822 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

ClientSampleId :

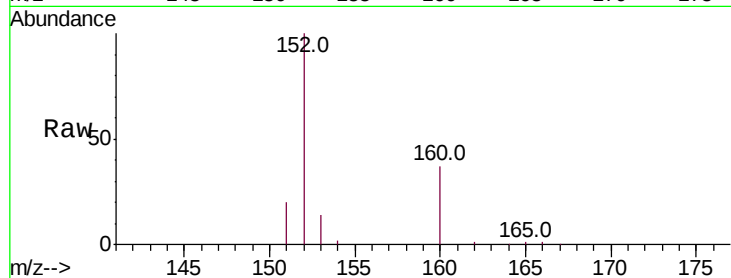
Tot Ion:152 Resp: 22537

Ion Ratio Lower Upper

152 100

151 20.1 16.5 24.7

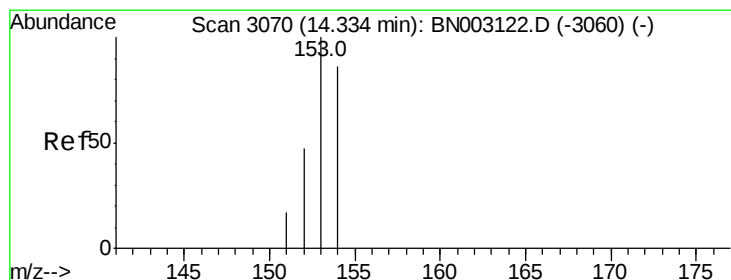
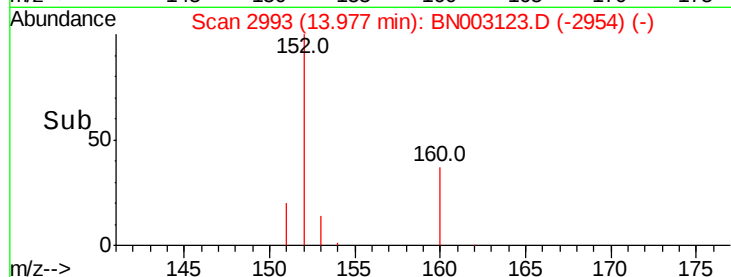
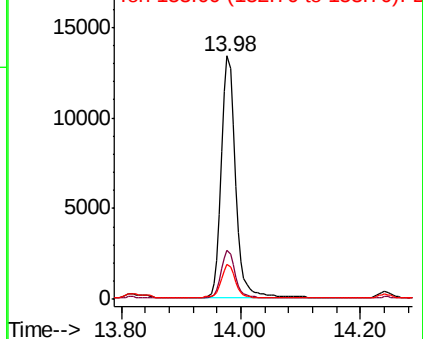
153 14.4 11.4 17.2



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: 0.371 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

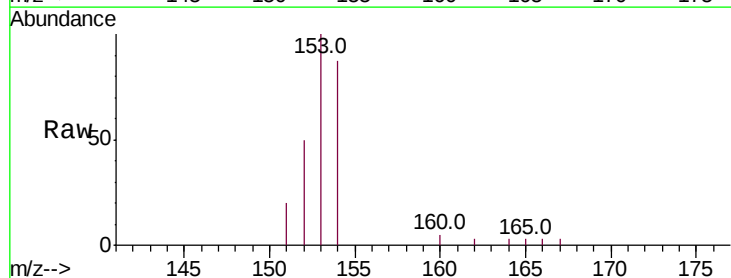
Tgt Ion:153 Resp: 3483

Ion Ratio Lower Upper

153 100

152 49.8 38.2 57.4

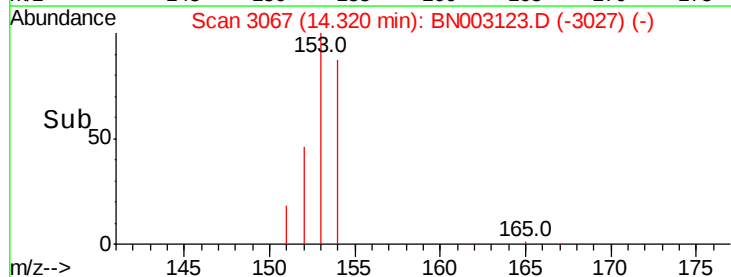
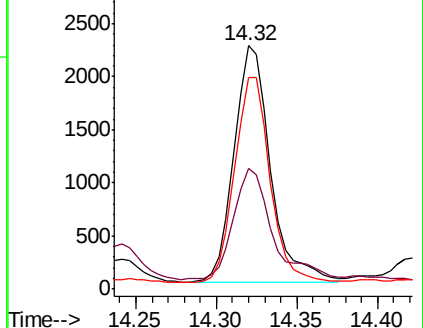
154 87.0 70.2 105.2

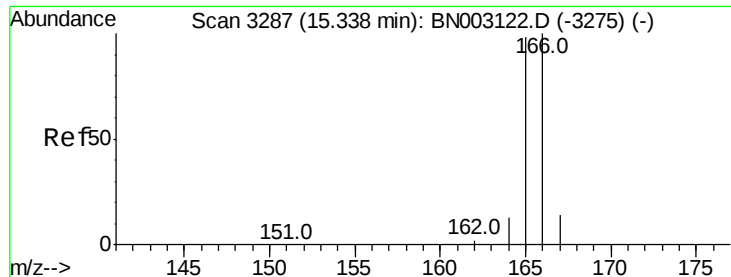


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

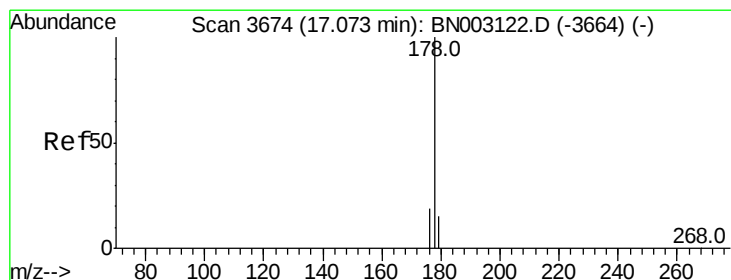
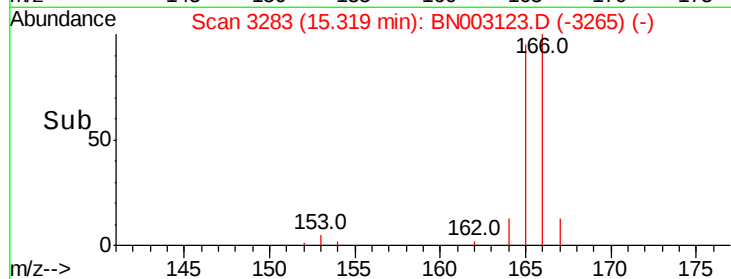
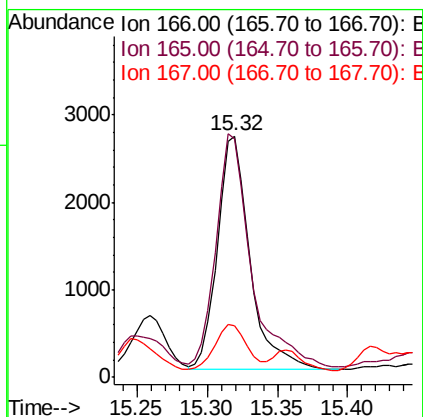
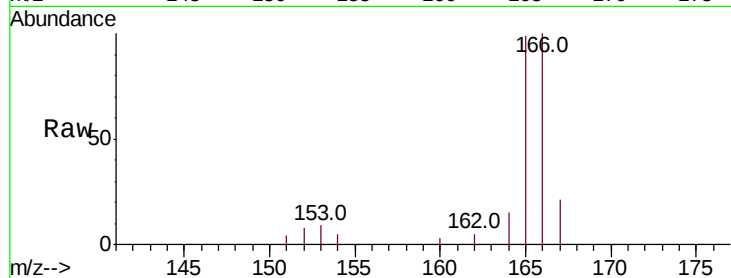




#9
Fluorene
 Concen: 0.404 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003123.D
 Acq: 12 Oct 2018 03:04

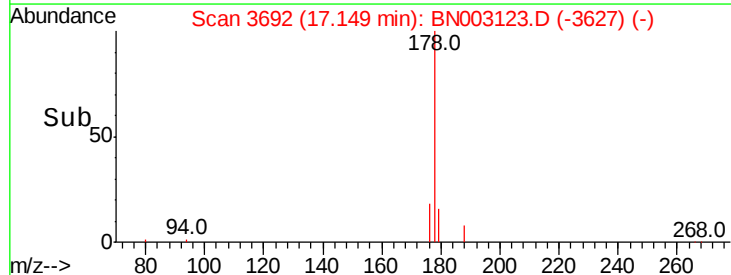
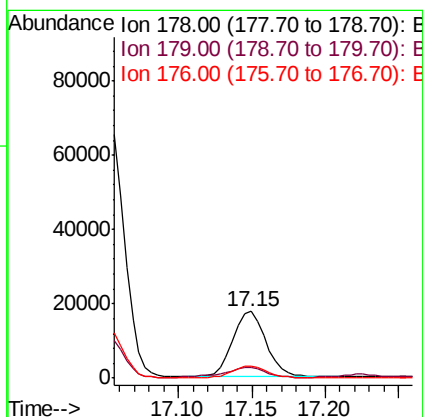
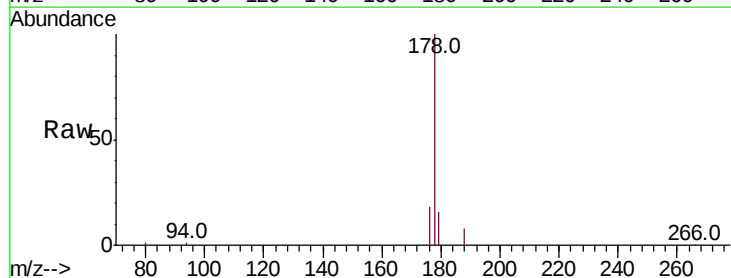
Instrument :
 BNA_N
 ClientSampleId :

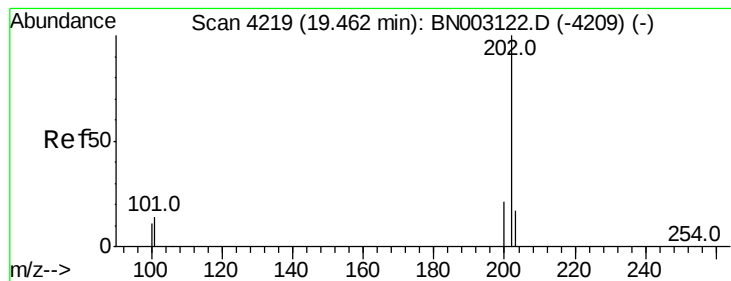
Tot Ion:166 Resp: 4347
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.5 117.7
 167 21.1 11.6 17.4#



#12
Phenanthrene
 Concen: 0.032 ng/ul
 RT: 17.15 min Scan# 3692
 Delta R.T. 0.08 min
 Lab File: BN003123.D
 Acq: 12 Oct 2018 03:04

Tgt Ion:178 Resp: 27664
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.9 19.3
 176 18.0 15.4 23.2





#17

Pvrene

Concen: 510.131 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

ClientSampleId :

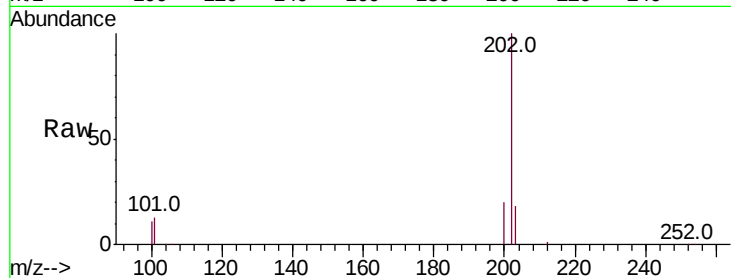
Tot Ion:202 Resp: 170394

Ion Ratio Lower Upper

202 100

101 13.4 11.9 17.9

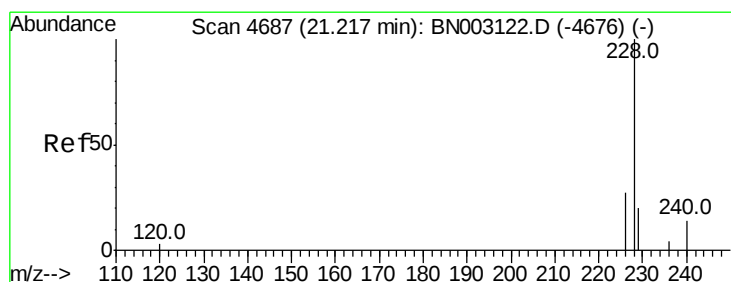
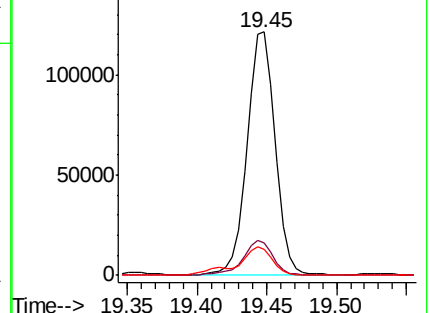
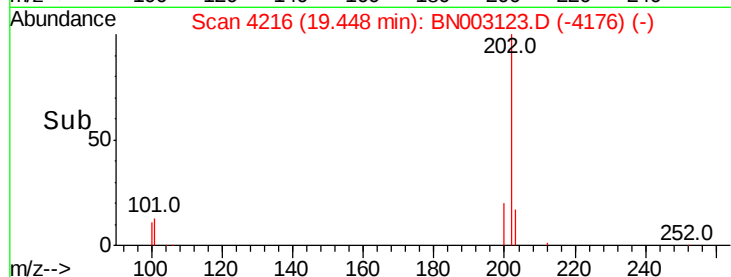
100 10.6 9.9 14.9



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: 324.023 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. 0.04 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

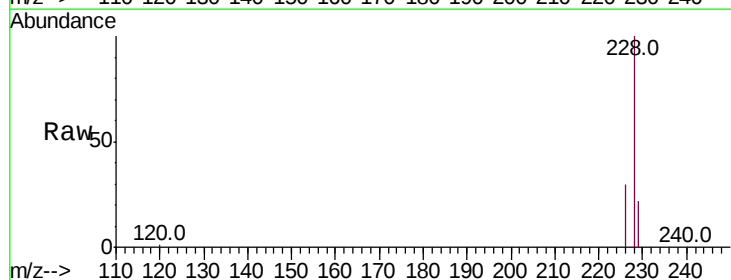
Tgt Ion:228 Resp: 89673

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.2

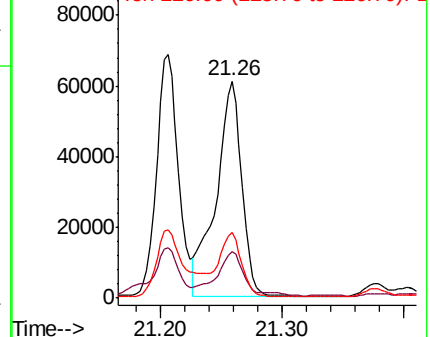
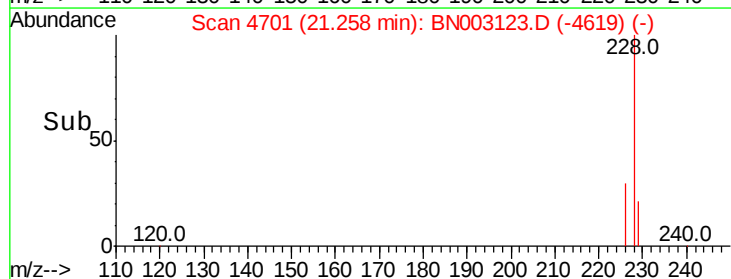
226 30.2 22.3 33.5

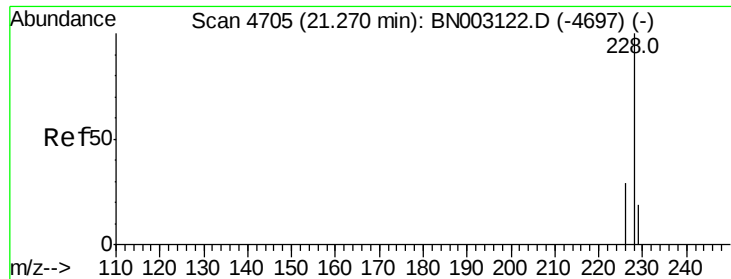


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 318.000 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

ClientSampleId :

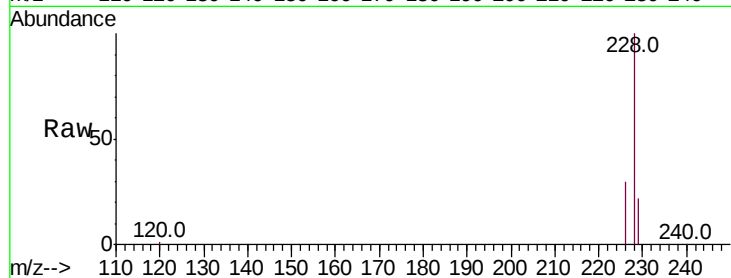
Tot Ion:228 Resp: 89364

Ion Ratio Lower Upper

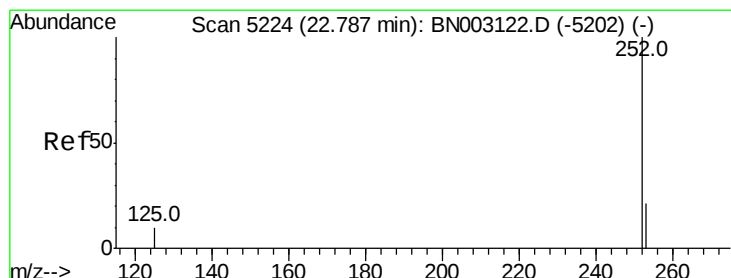
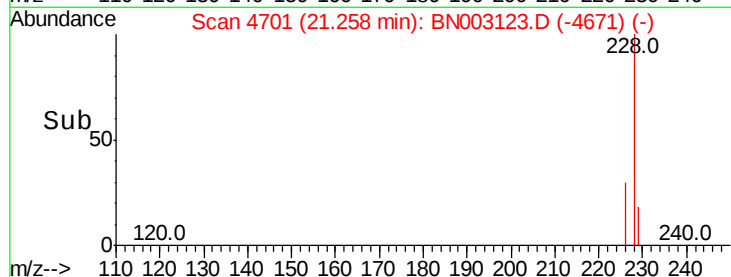
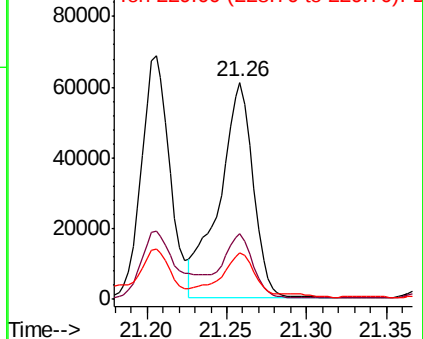
228 100

226 30.2 24.2 36.4

229 21.7 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: 10.210 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

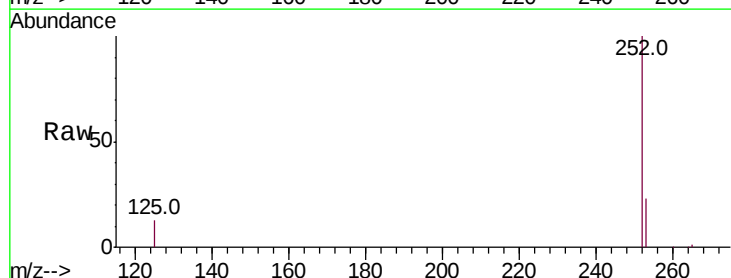
Tgt Ion:252 Resp: 178522

Ion Ratio Lower Upper

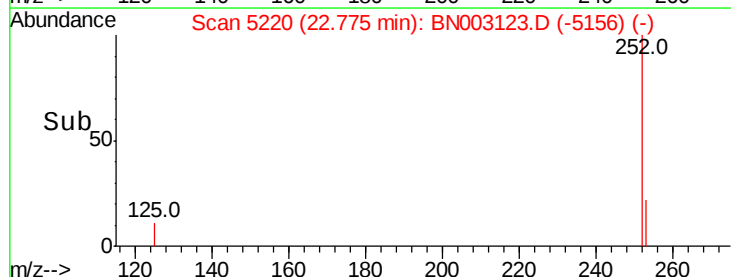
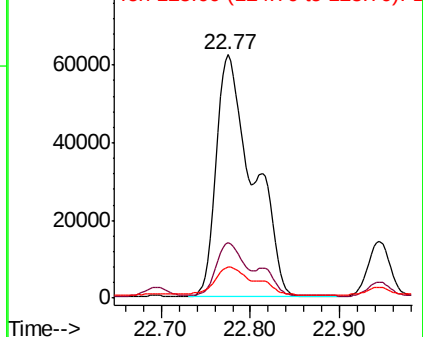
252 100

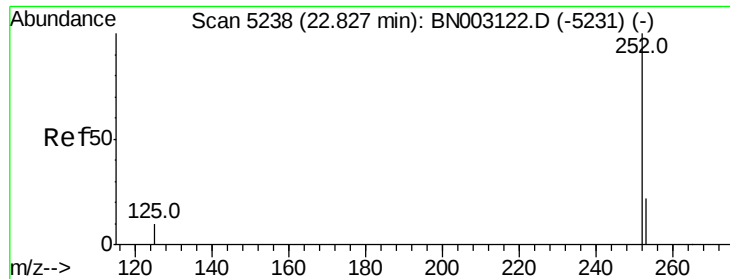
253 22.8 0.0 53.2

125 12.8 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

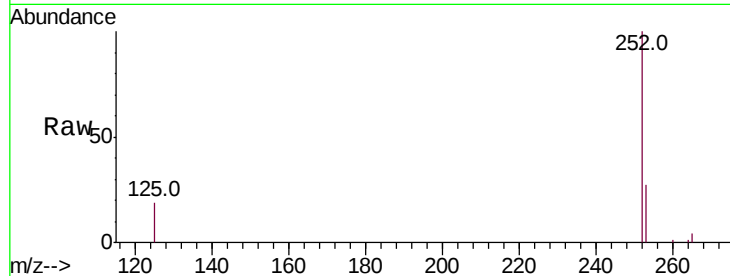




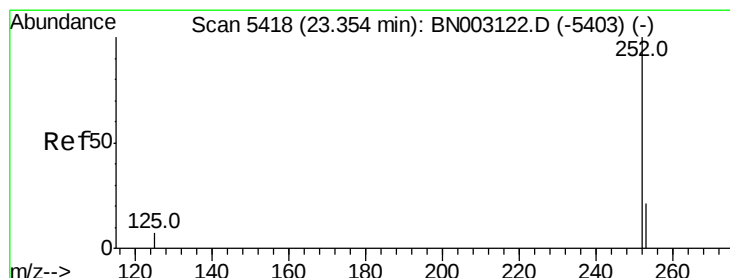
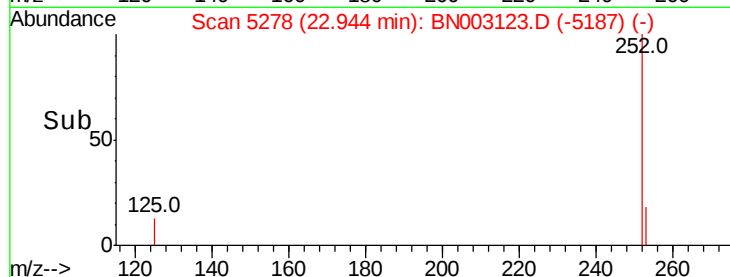
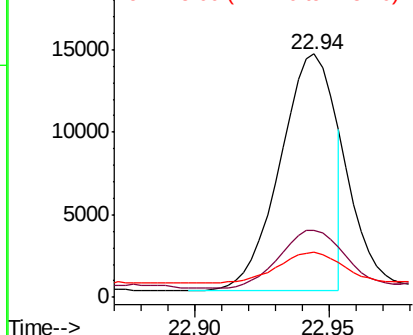
#22
Benzo(k)fluoranthene
Concen: 1.103 ng/ul
RT: 22.94 min Scan# 5278
Delta R.T. 0.12 min
Lab File: BN003123.D
Acq: 12 Oct 2018 03:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 19993
Ion Ratio Lower Upper
252 100
253 27.5 21.3 31.9
125 18.8 14.1 21.1

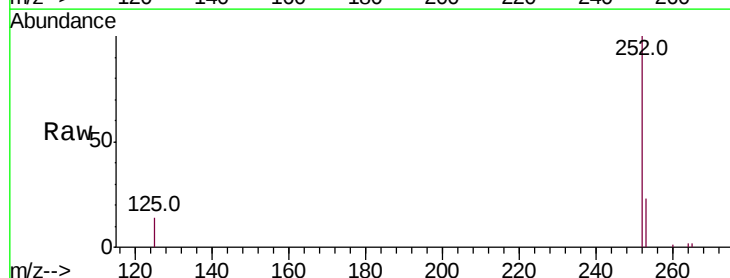


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

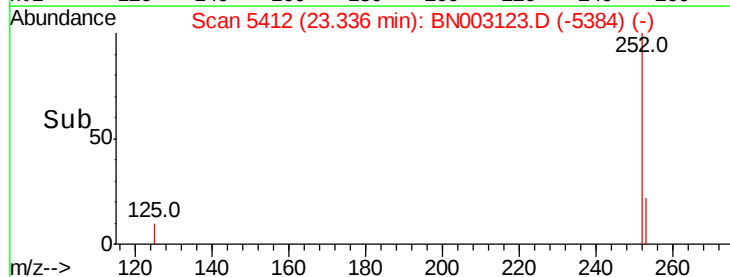
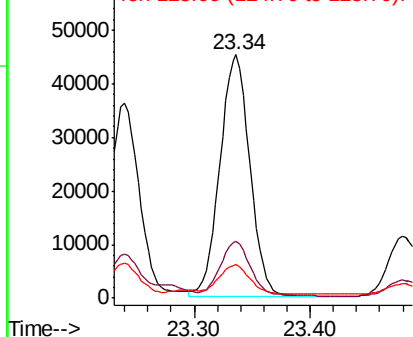


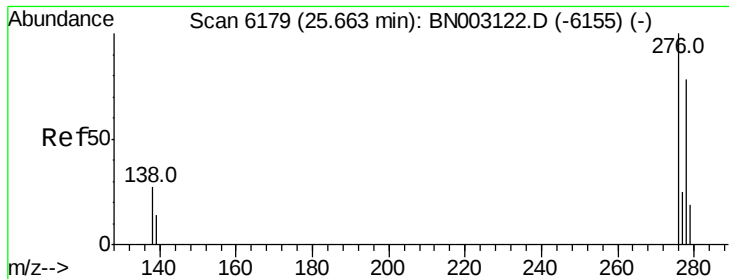
#23
Benzo(a)pyrene
Concen: 5.133 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003123.D
Acq: 12 Oct 2018 03:04

Tgt Ion:252 Resp: 80435
Ion Ratio Lower Upper
252 100
253 23.4 23.1 34.7
125 13.6 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

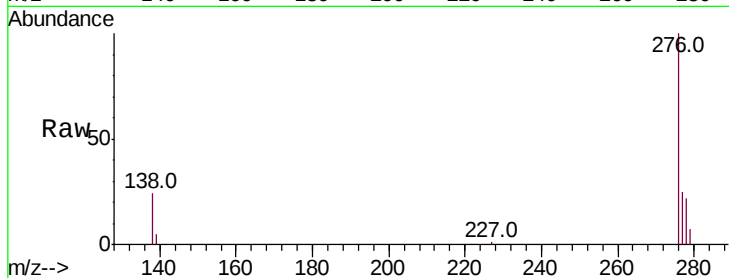




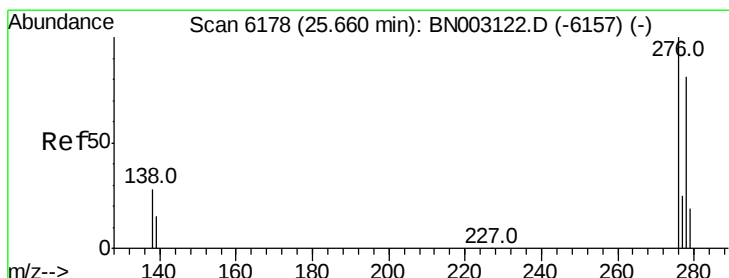
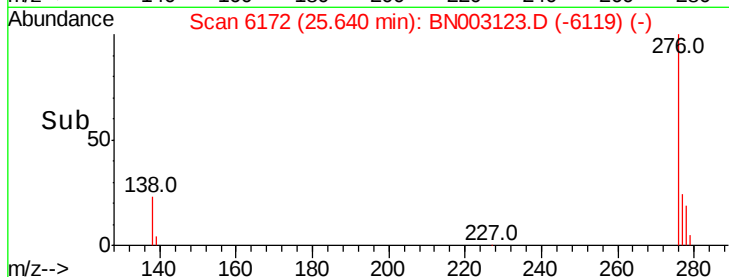
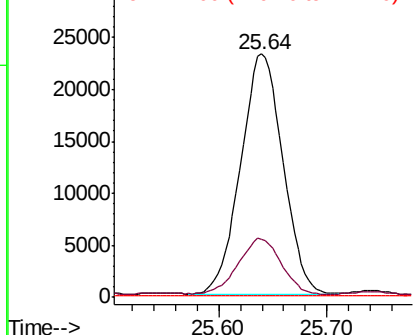
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.481 ng/ul
 RT: 25.64 min Scan# 6172
 Delta R.T. -0.02 min
 Lab File: BN003123.D
 Acq: 12 Oct 2018 03:04

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 62674
 Ion Ratio Lower Upper
 276 100
 138 23.6 21.5 32.3
 227 0.1 0.3 0.5#

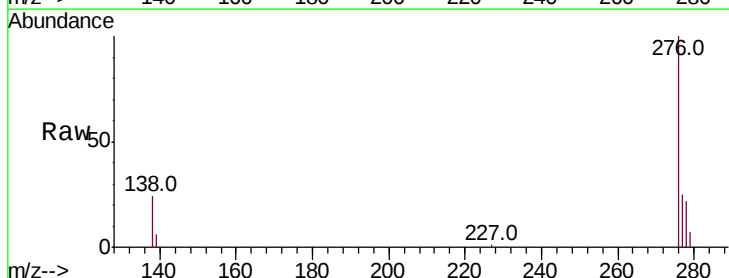


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

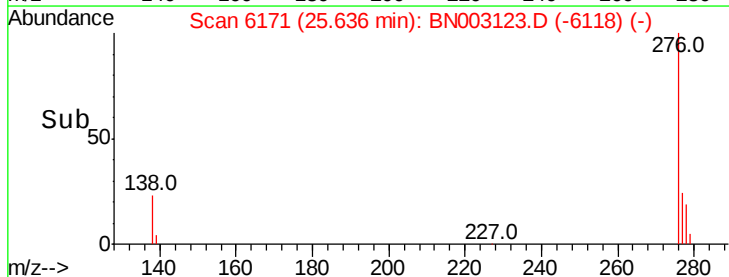
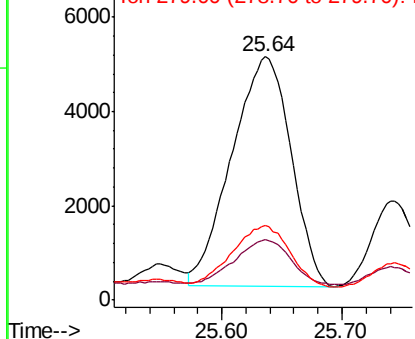


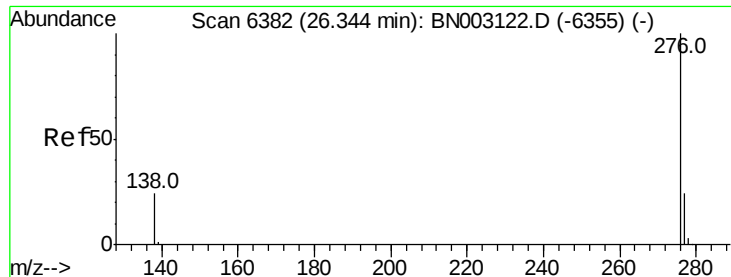
#25
 Dibenzo(a,h)anthracene
 Concen: 1.162 ng/ul
 RT: 25.64 min Scan# 6171
 Delta R.T. -0.02 min
 Lab File: BN003123.D
 Acq: 12 Oct 2018 03:04

Tgt Ion:278 Resp: 16746
 Ion Ratio Lower Upper
 278 100
 139 25.0 20.2 30.4
 279 30.5 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: 3.724 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. -0.03 min

Lab File: BN003123.D

Acq: 12 Oct 2018 03:04

Instrument :

BNA_N

ClientSampleId :

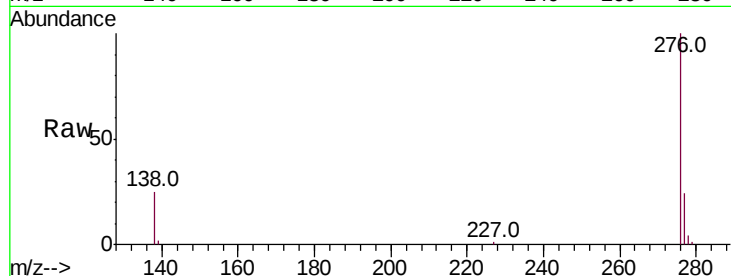
Tot Ion:276 Resp: 56549

Ion Ratio Lower Upper

276 100

138 24.9 23.0 34.4

277 24.4 22.0 33.0



Abundance

Ion 276.00 (275.70 to 276.70): E

25000

Ion 138.00 (137.70 to 138.70): E

20000

Ion 277.00 (276.70 to 277.70): E

