

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004143.D
 Acq On : 20 Dec 2018 08:30
 Operator : JU/SJ
 Sample : J6299-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 11:06:37 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 : Thu Dec 20 07:15:48 2018
 Response via : Initial Calibration

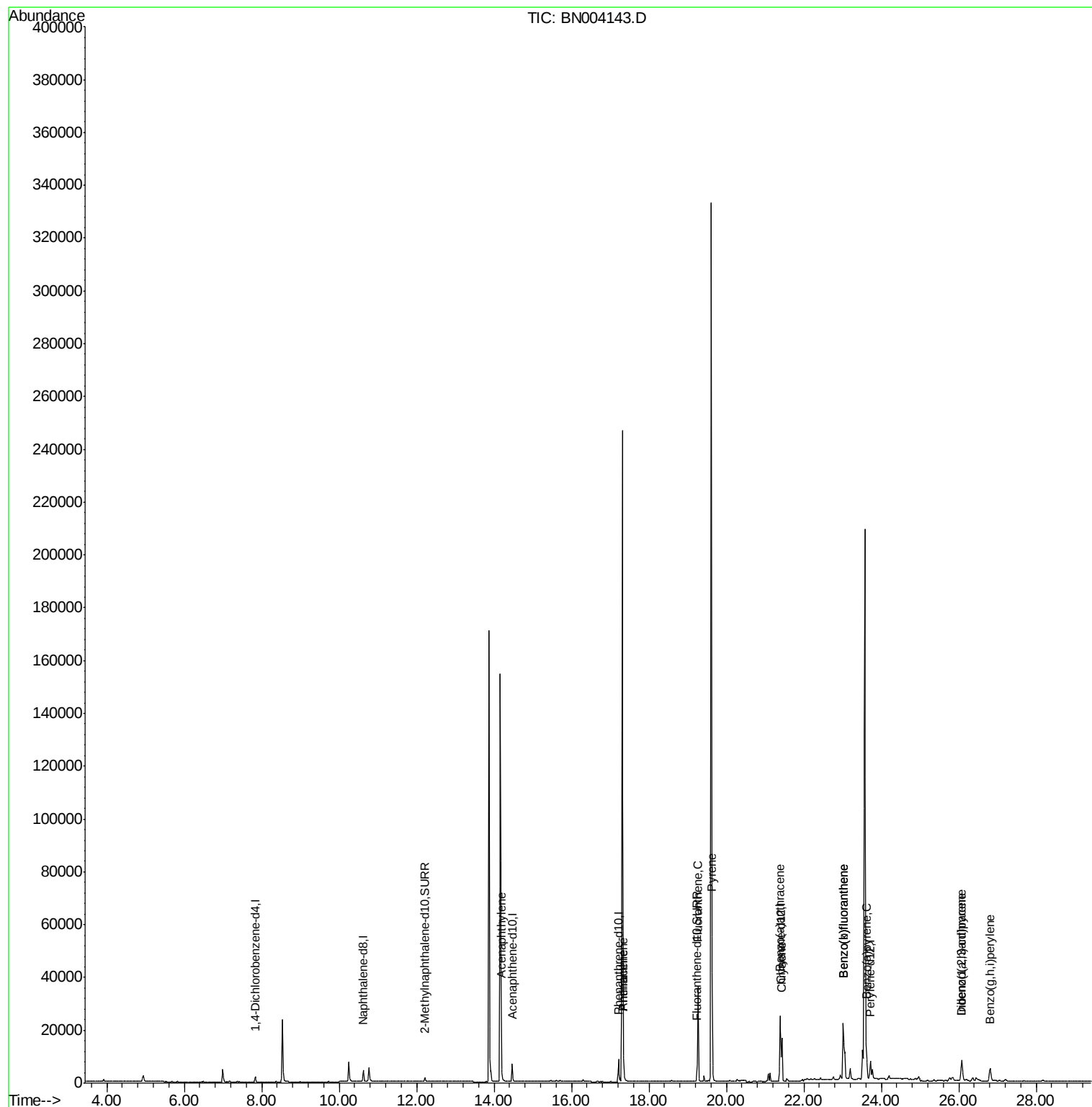
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1103	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	5886	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	3659	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	9408	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	10083	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	9809	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2032	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	6393	0.23	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	6311	0.383	ng/ul	98
12) Phenanthrene	17.35	178	6064	0.196	ng/ul	98
13) Anthracene	17.35	178	6051	0.238	ng/ul	97
15) Fluoranthene	19.27	202	29548	0.810	ng/ul	97
17) Pyrene	19.63	202	30733	0.850	ng/ul	95
18) Benzo(a)anthracene	21.38	228	19959	0.627	ng/ul	97
19) Chrysene	21.43	228	20218	0.555	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	45921	1.132	ng/ul	98
22) Benzo(k)fluoranthene	23.02	252	45912	1.161	ng/ul	98
23) Benzo(a)pyrene	23.62	252	15078	0.429	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.08	276	13198	0.328	ng/ul	95
25) Dibenzo(a,h)anthracene	26.08	278	3612	0.111	ng/ul#	76
26) Benzo(g,h,i)perylene	26.81	276	10185	0.291	ng/ul#	93

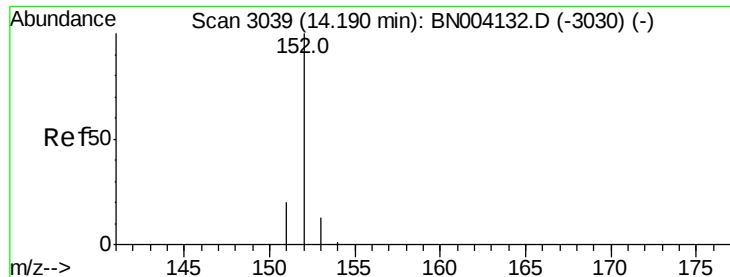
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004143.D
Acq On : 20 Dec 2018 08:30
Operator : JU/SJ
Sample : J6299-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 11:06:37 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 : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.383 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

Instrument :

BNA_N

ClientSampleId :

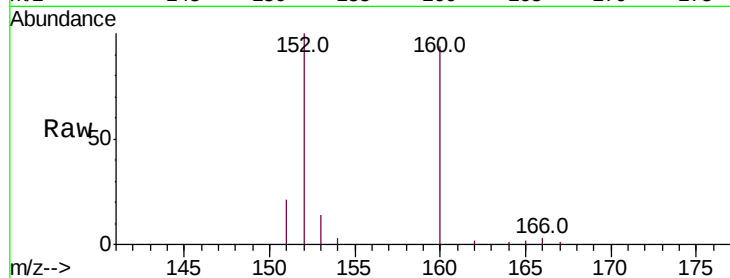
Tot Ion:152 Resp: 6311

Ion Ratio Lower Upper

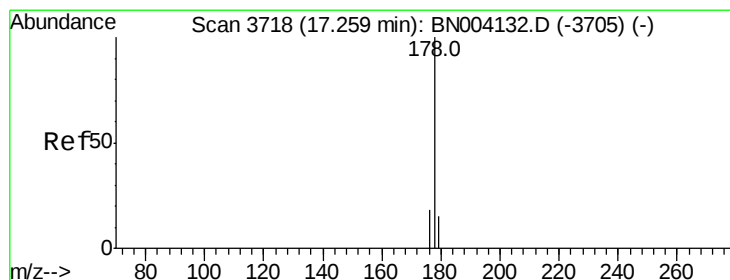
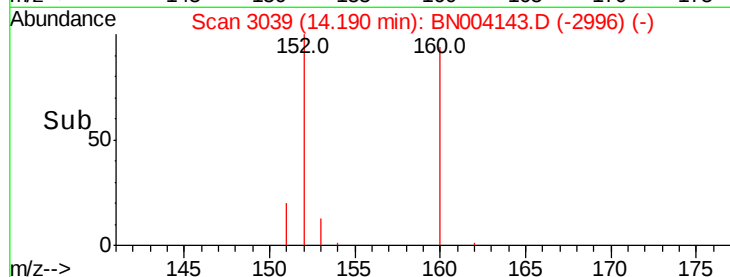
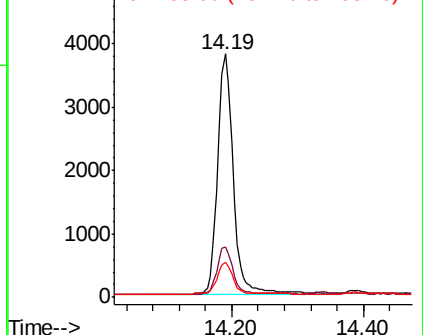
152 100

151 20.8 15.9 23.9

153 14.4 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



#12

Phenanthrene

Concen: 0.196 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.09 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

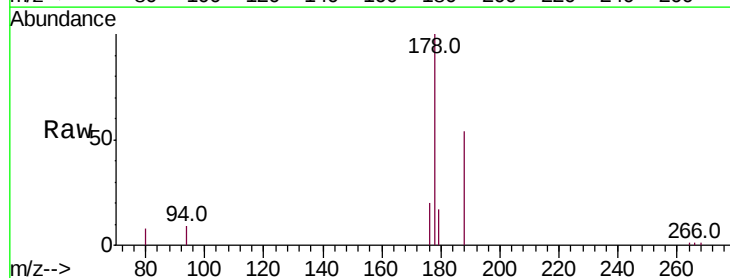
Tgt Ion:178 Resp: 6064

Ion Ratio Lower Upper

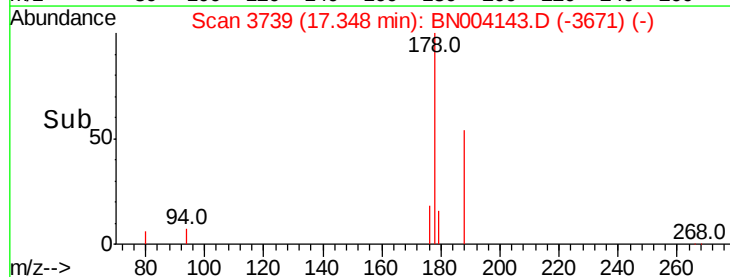
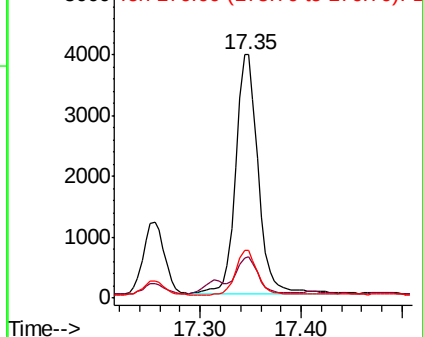
178 100

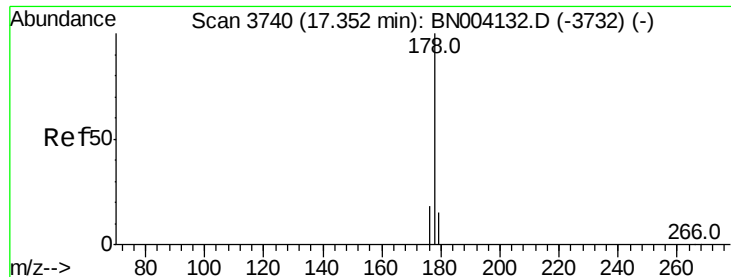
179 16.9 12.5 18.7

176 19.6 15.0 22.4



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: 0.238 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

Instrument :

BNA_N

ClientSampleId :

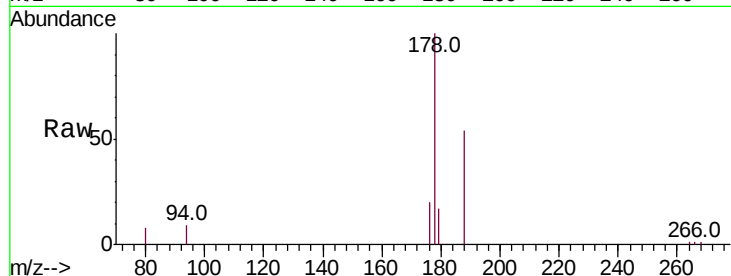
Tot Ion:178 Resp: 6051

Ion Ratio Lower Upper

178 100

179 16.9 12.3 18.5

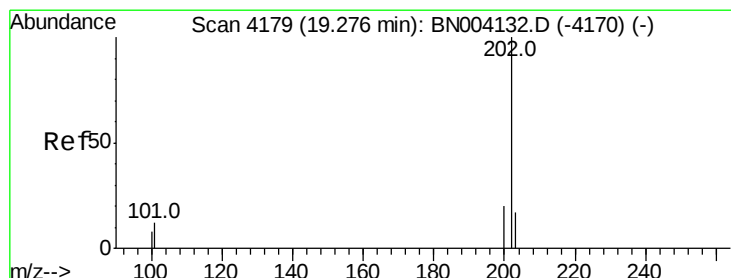
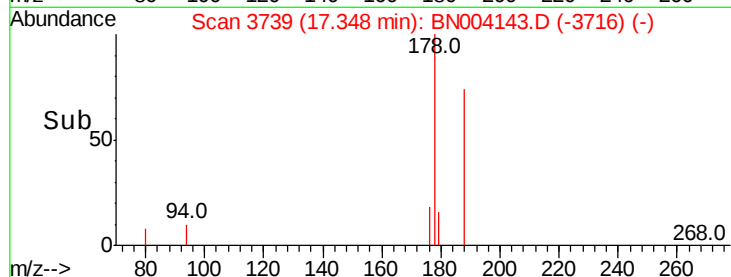
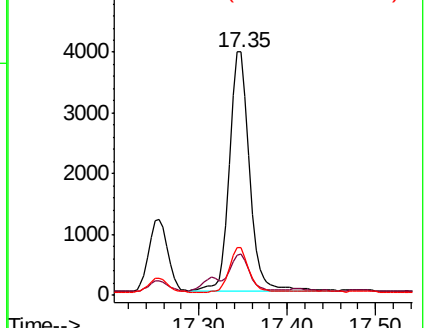
176 19.6 14.8 22.2



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



#15

Fluoranthene

Concen: 0.810 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

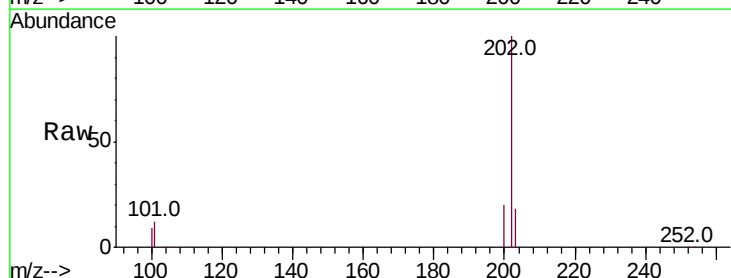
Tgt Ion:202 Resp: 29548

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.7

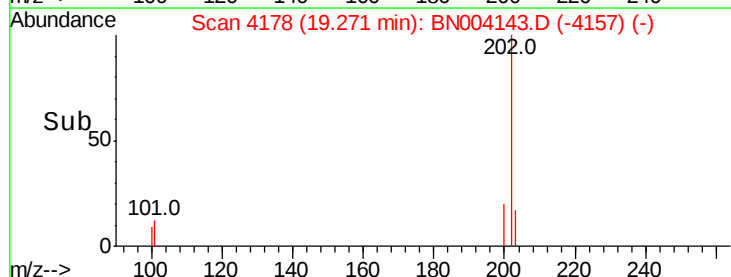
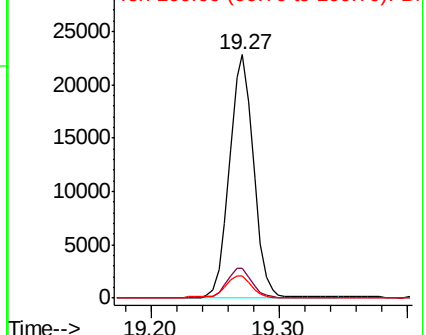
100 9.1 0.0 28.1

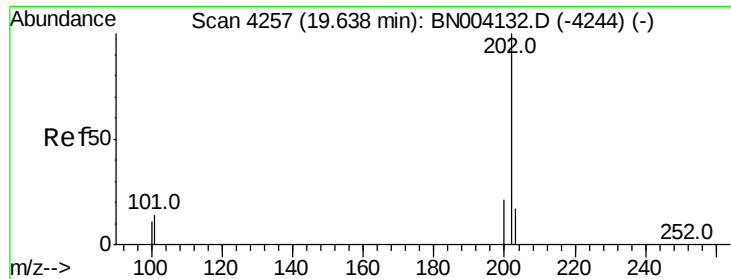


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

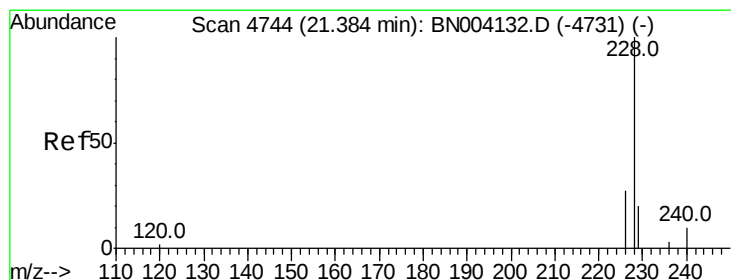
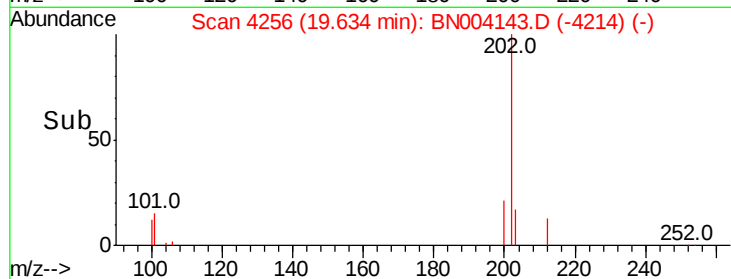
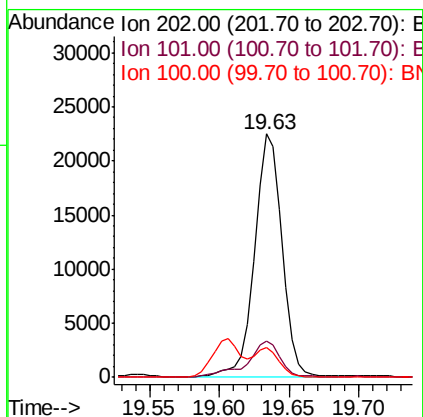
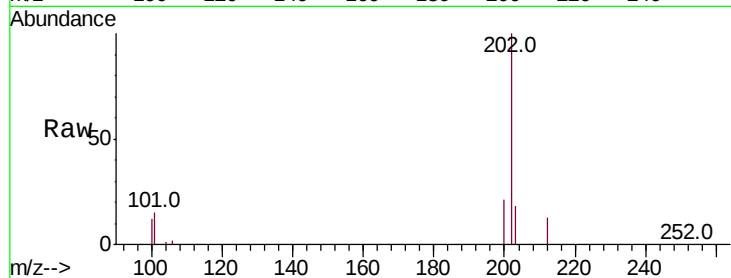




#17
Pvrene
Concen: 0.850 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN004143.D
Acq: 20 Dec 2018 08:30

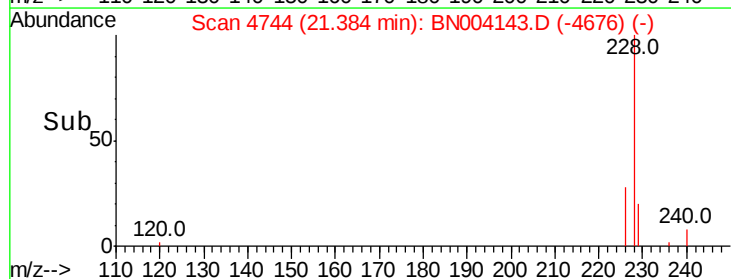
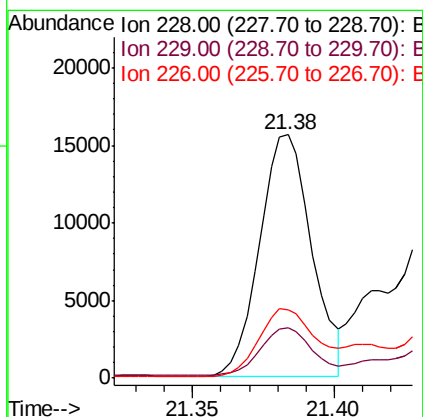
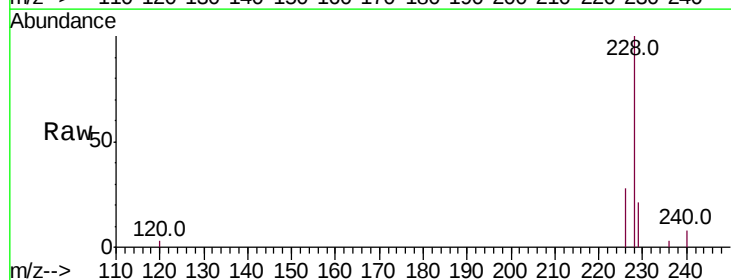
Instrument :
BNA_N
ClientSampleId :

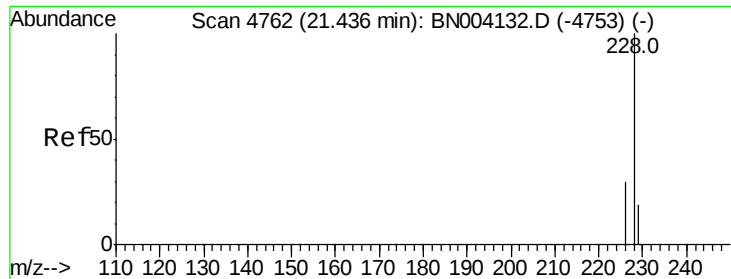
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.3	15.5
100	12.2	8.5	12.7



#18
Benzo(a)anthracene
Concen: 0.627 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. 0.00 min
Lab File: BN004143.D
Acq: 20 Dec 2018 08:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.3	21.1	31.7





#19

Chrysene

Concen: 0.555 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

Instrument :

BNA_N

ClientSampleId :

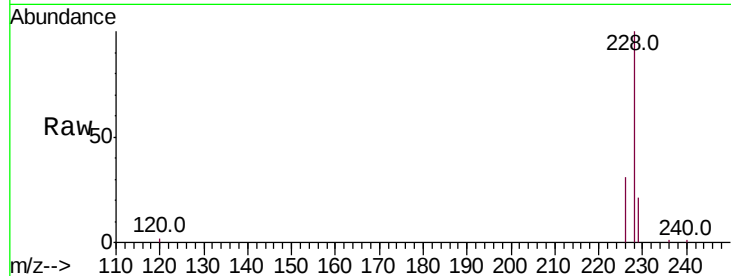
Tot Ion:228 Resp: 20218

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

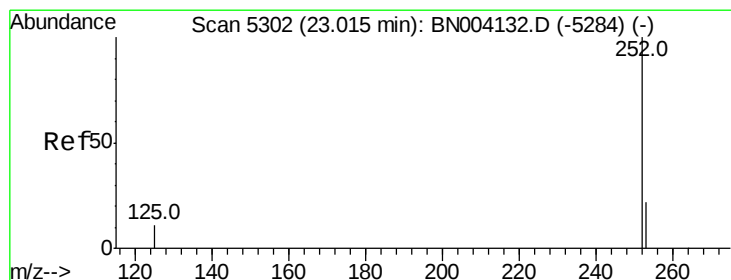
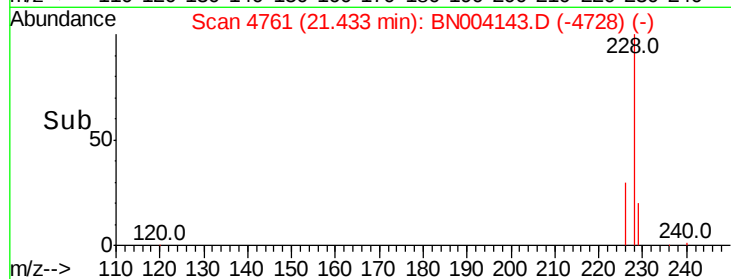
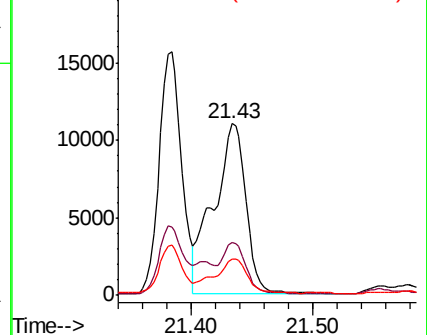
229 21.0 15.7 23.5



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: 1.132 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. 0.00 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

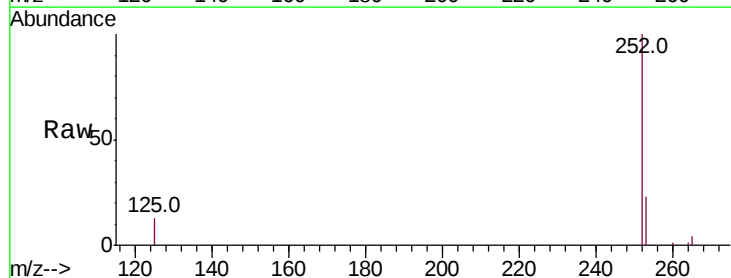
Tgt Ion:252 Resp: 45921

Ion Ratio Lower Upper

252 100

253 23.4 0.0 46.0

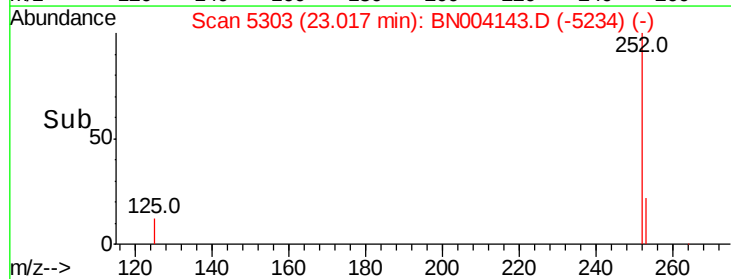
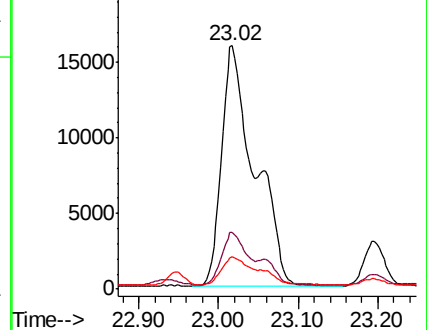
125 13.2 0.0 22.4

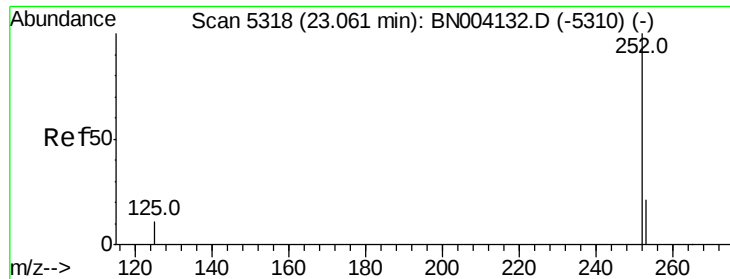


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.161 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.04 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

Instrument :

BNA_N

ClientSampleId :

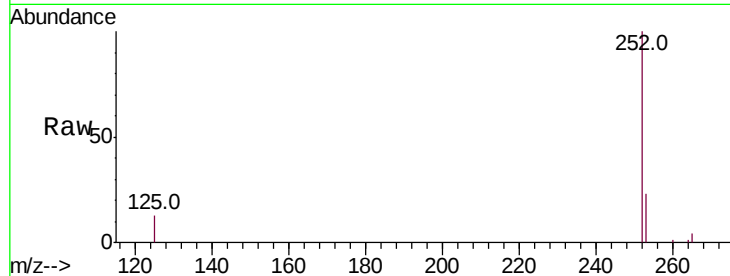
Tot Ion:252 Resp: 45912

Ion Ratio Lower Upper

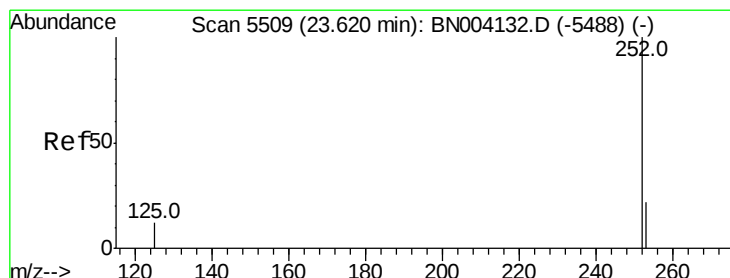
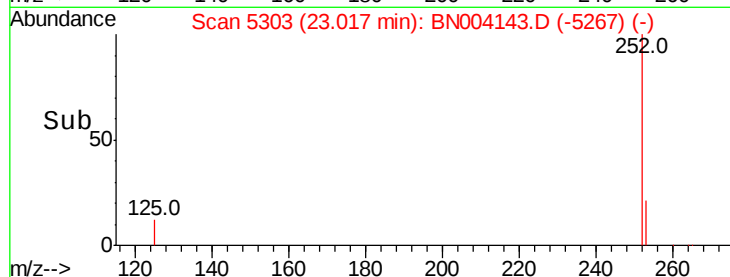
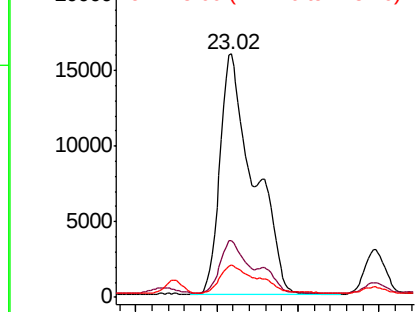
252 100

253 23.4 18.5 27.7

125 13.2 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: 0.429 ng/ul

RT: 23.62 min Scan# 5508

Delta R.T. -0.00 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

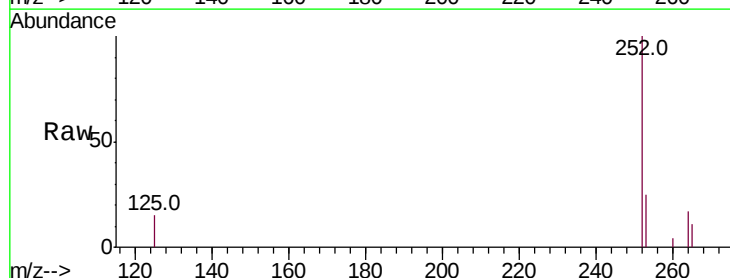
Tgt Ion:252 Resp: 15078

Ion Ratio Lower Upper

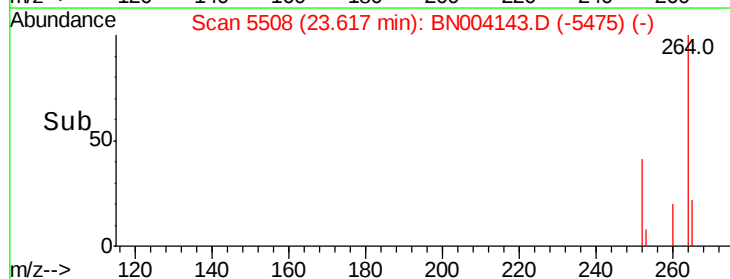
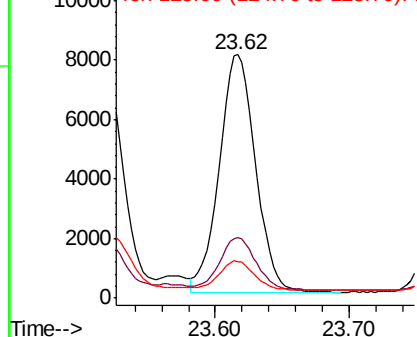
252 100

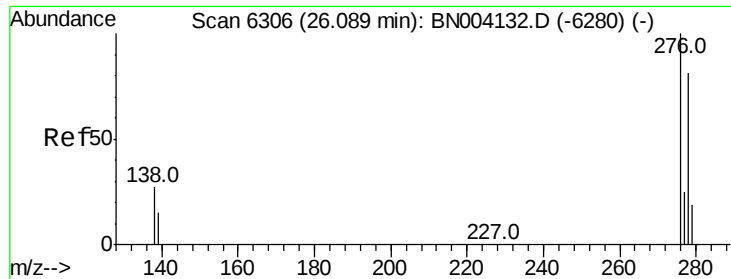
253 25.0 19.0 28.4

125 15.1 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



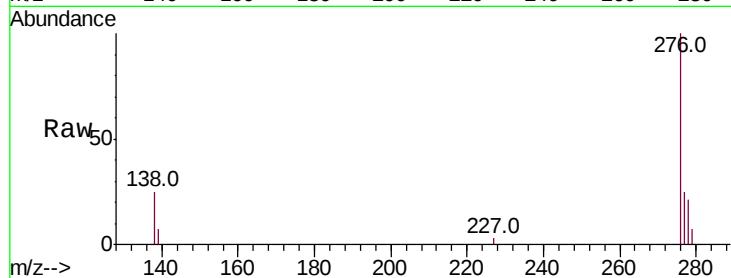


#24

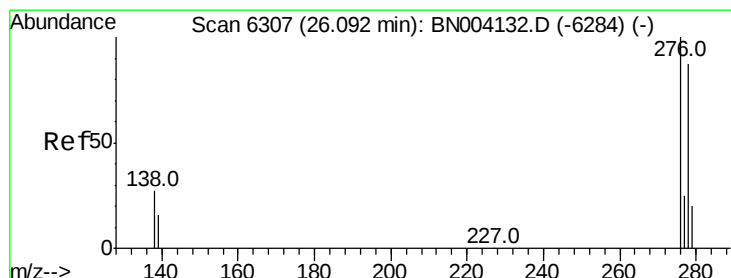
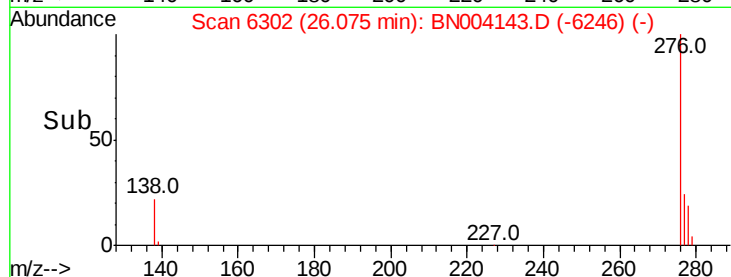
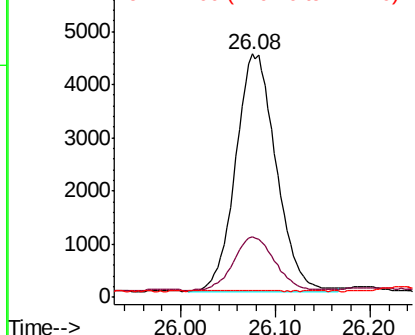
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 26.08 min Scan# 6302
Delta R.T. -0.01 min
Lab File: BN004143.D
Acq: 20 Dec 2018 08:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 13198
Ion Ratio Lower Upper
276 100
138 22.8 20.3 30.5
227 0.2 0.2 0.2



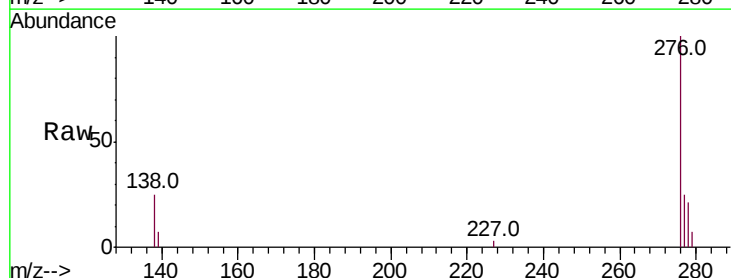
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



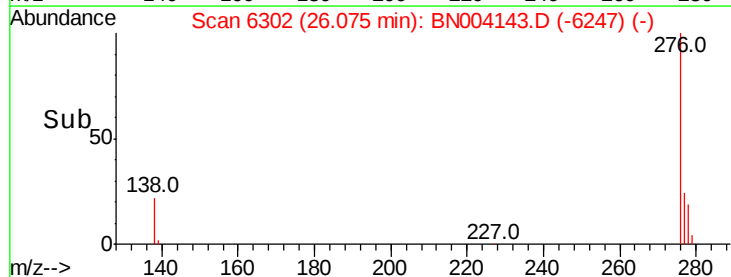
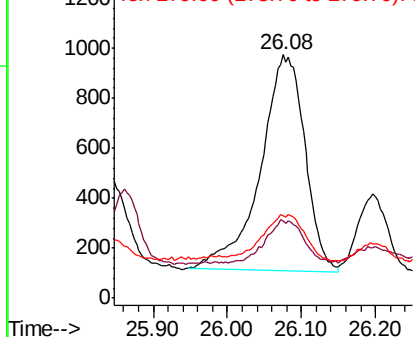
#25

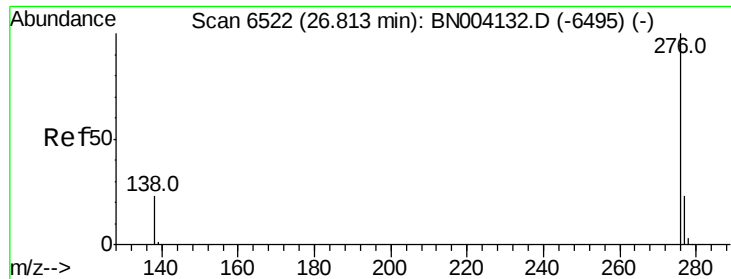
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.08 min Scan# 6302
Delta R.T. -0.02 min
Lab File: BN004143.D
Acq: 20 Dec 2018 08:30

Tgt Ion:278 Resp: 3612
Ion Ratio Lower Upper
278 100
139 31.5 14.2 21.4#
279 34.1 19.8 29.6#



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: 0.291 ng/ul

RT: 26.81 min Scan# 6521

Delta R.T. -0.00 min

Lab File: BN004143.D

Acq: 20 Dec 2018 08:30

Instrument :

BNA_N

ClientSampleId :

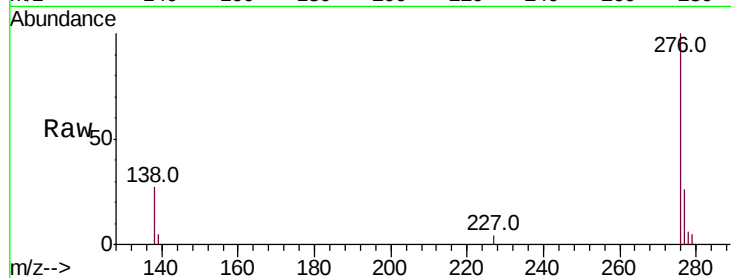
Tot Ion:276 Resp: 10185

Ion Ratio Lower Upper

276 100

138 26.7 17.7 26.5#

277 26.2 19.3 28.9



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

