

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004145.D
 Acq On : 20 Dec 2018 09:40
 Operator : JU/SJ
 Sample : J6299-09DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 11:06:50 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

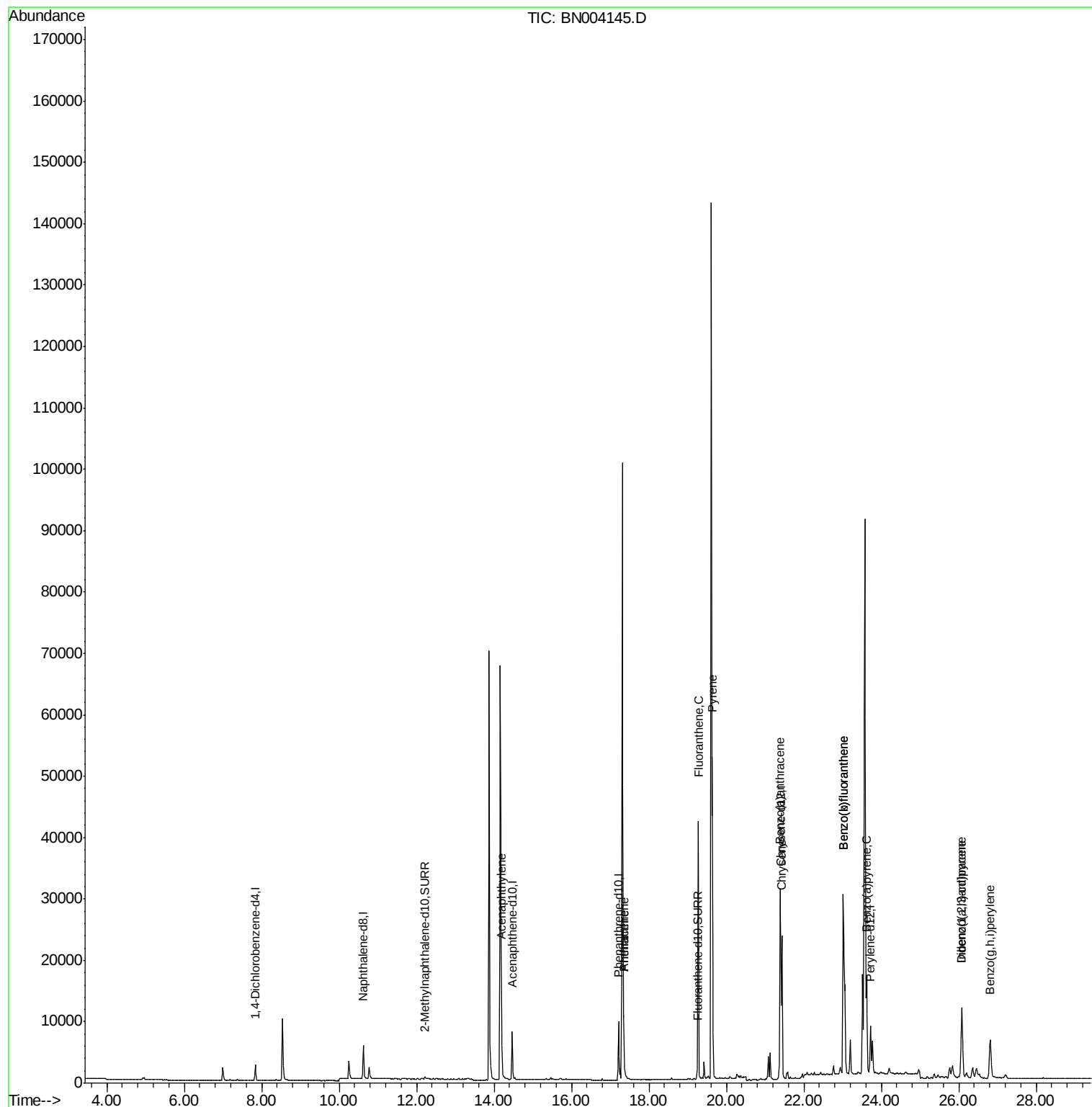
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7282	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	10921	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11271	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	10826	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	517	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1492	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	8533	0.433	ng/ul	98
12) Phenanthrene	17.35	178	8526	0.238	ng/ul	99
13) Anthracene	17.35	178	8526	0.289	ng/ul	99
15) Fluoranthene	19.27	202	35001	0.827	ng/ul	97
17) Pyrene	19.63	202	40865	1.011	ng/ul	95
18) Benzo(a)anthracene	21.38	228	25416	0.714	ng/ul	97
19) Chrysene	21.43	228	26962	0.662	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	64872	1.449	ng/ul	99
22) Benzo(k)fluoranthene	23.02	252	64872	1.487	ng/ul	99
23) Benzo(a)pyrene	23.62	252	21030	0.542	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.08	276	19988	0.449	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.08	278	5019	0.140	ng/ul#	81
26) Benzo(g,h,i)perylene	26.81	276	14212	0.368	ng/ul	96

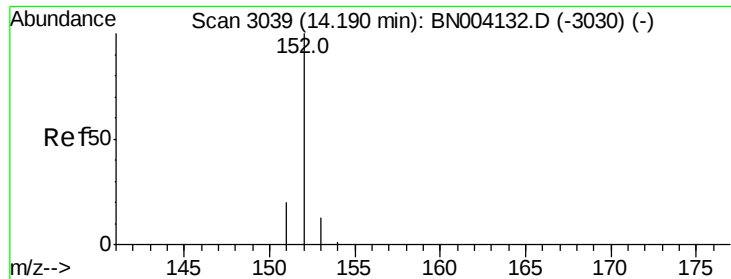
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.433 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

Instrument :

BNA_N

ClientSampleId :

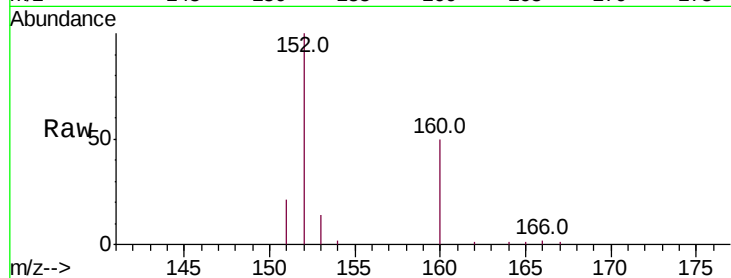
Tot Ion:152 Resp: 8533

Ion Ratio Lower Upper

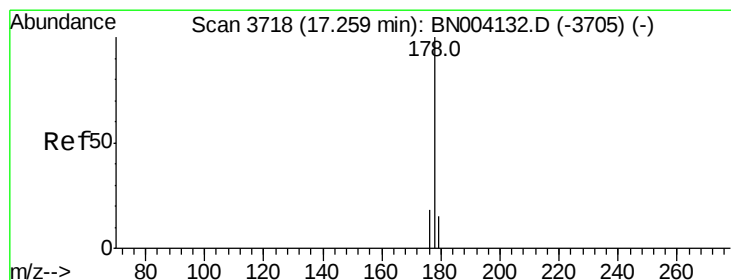
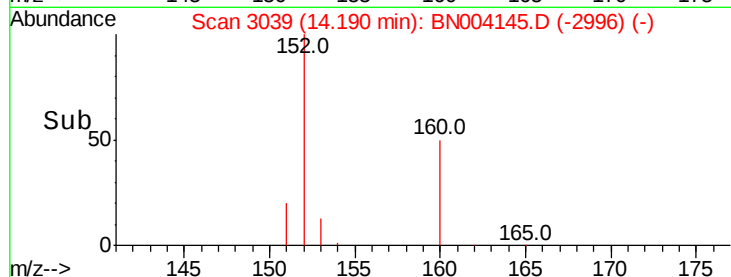
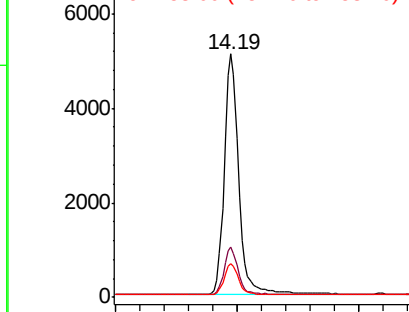
152 100

151 20.6 15.9 23.9

153 14.0 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: 0.238 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.09 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

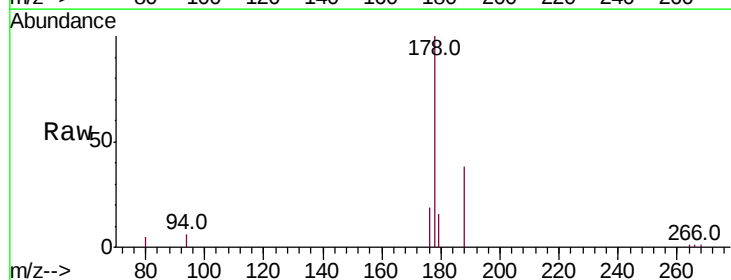
Tgt Ion:178 Resp: 8526

Ion Ratio Lower Upper

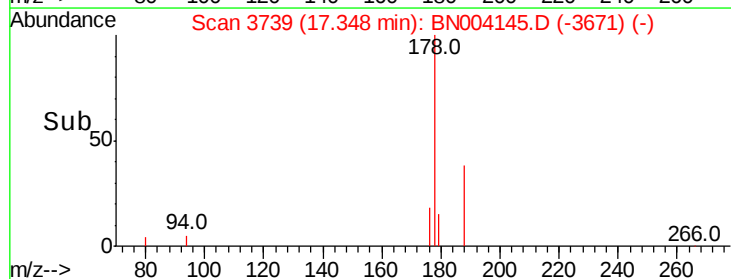
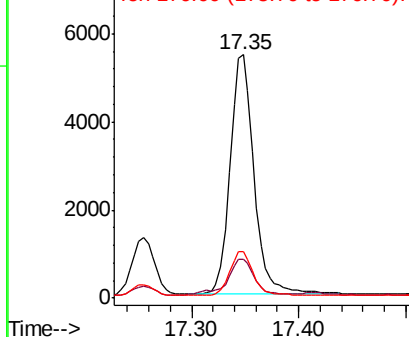
178 100

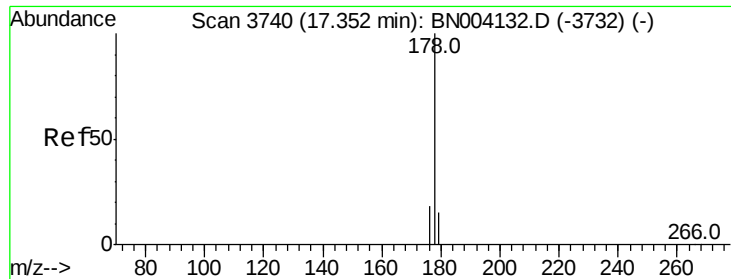
179 16.1 12.5 18.7

176 18.9 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: 0.289 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

Instrument :

BNA_N

ClientSampleId :

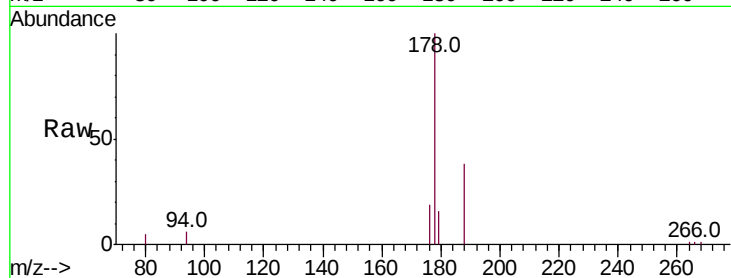
Tot Ion:178 Resp: 8526

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

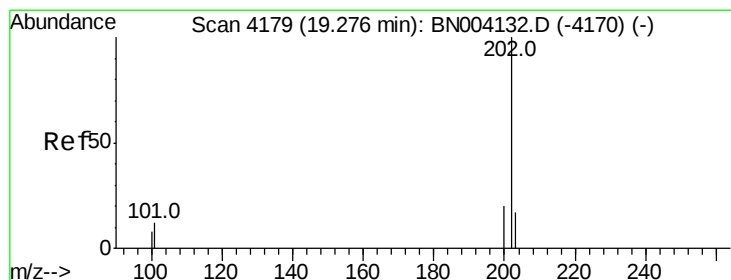
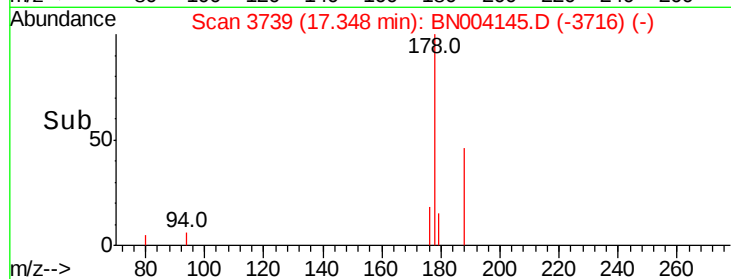
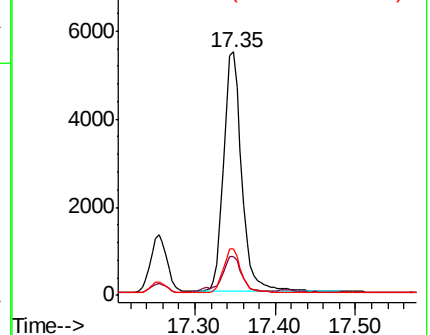
176 18.9 14.8 22.2



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: 0.827 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

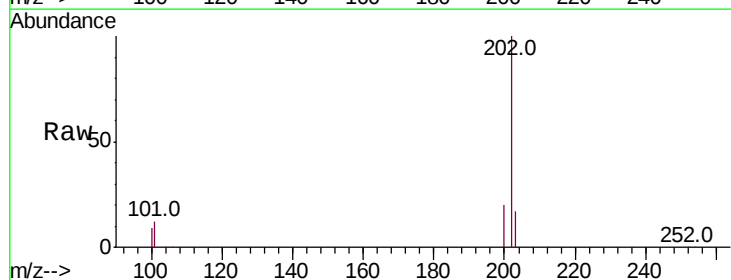
Tgt Ion:202 Resp: 35001

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.7

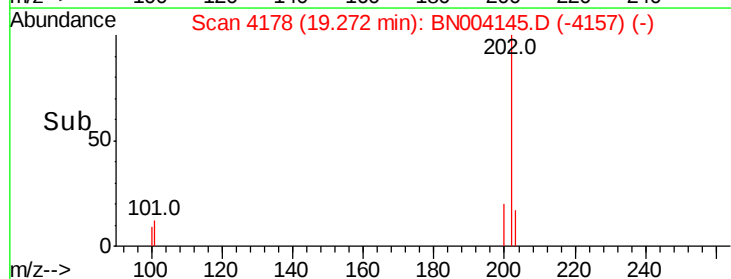
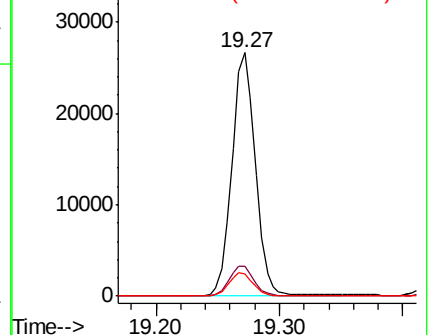
100 8.9 0.0 28.1

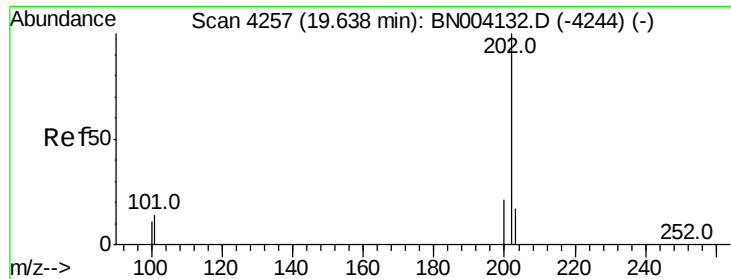


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 1.011 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

Instrument :

BNA_N

ClientSampleId :

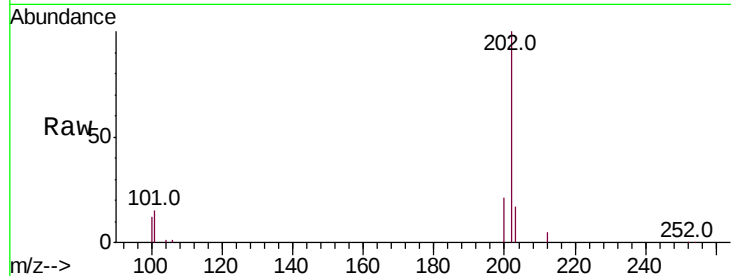
Tot Ion:202 Resp: 40865

Ion Ratio Lower Upper

202 100

101 15.2 10.3 15.5

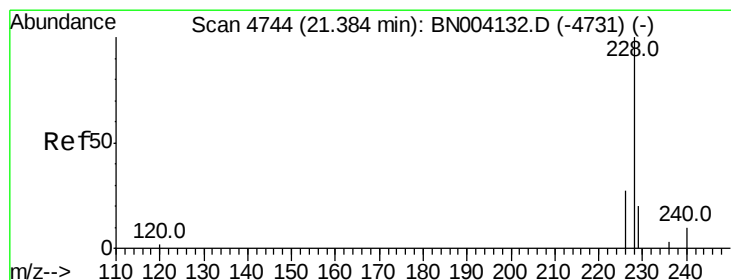
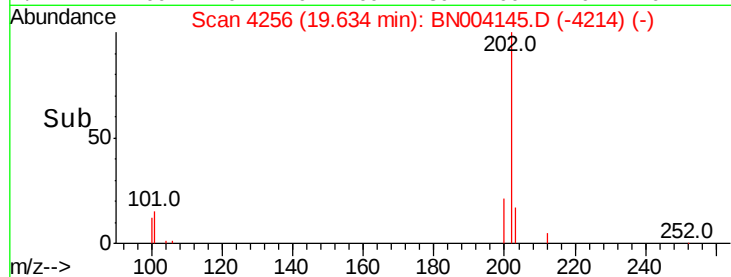
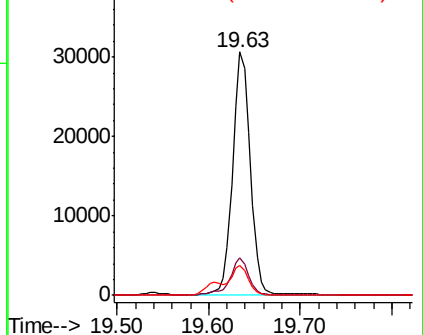
100 12.2 8.5 12.7



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: 0.714 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

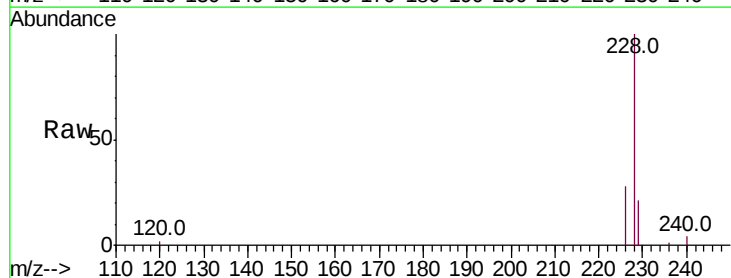
Tgt Ion:228 Resp: 25416

Ion Ratio Lower Upper

228 100

229 20.5 15.6 23.4

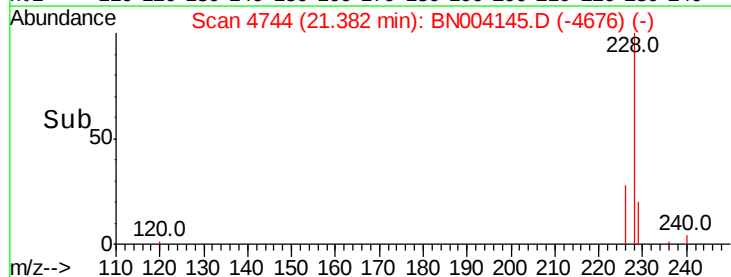
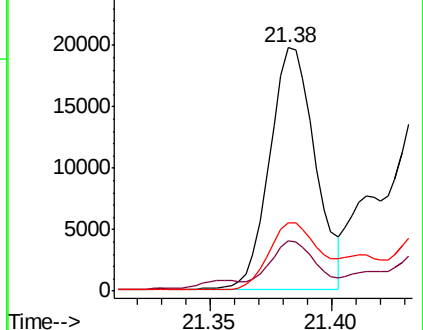
226 28.1 21.1 31.7

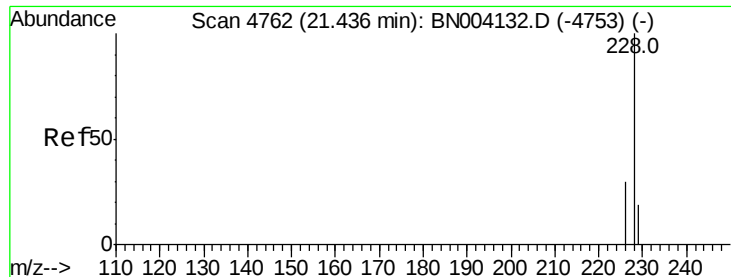


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.662 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

Instrument :

BNA_N

ClientSampleId :

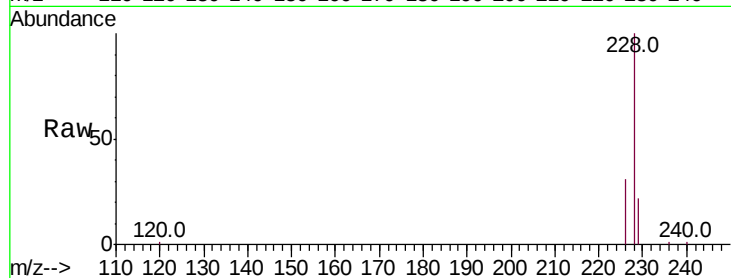
Tot Ion:228 Resp: 26962

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

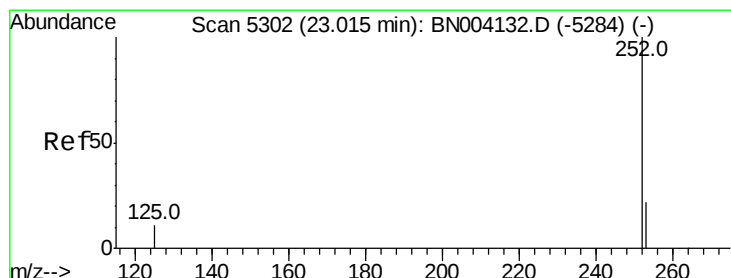
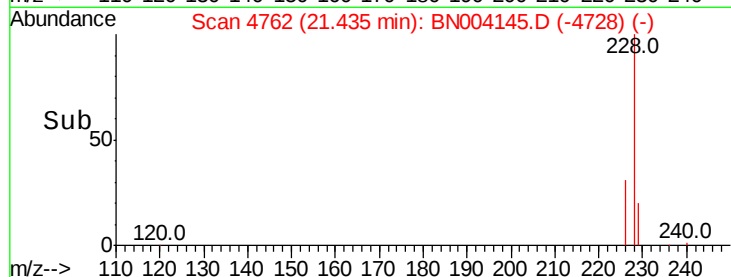
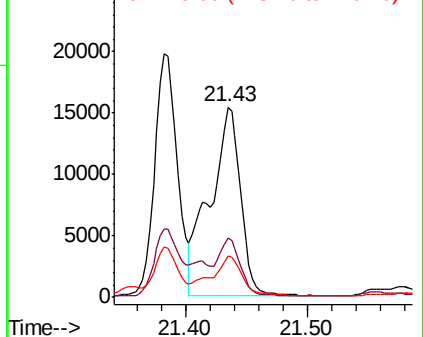
229 21.6 15.7 23.5



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: 1.449 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

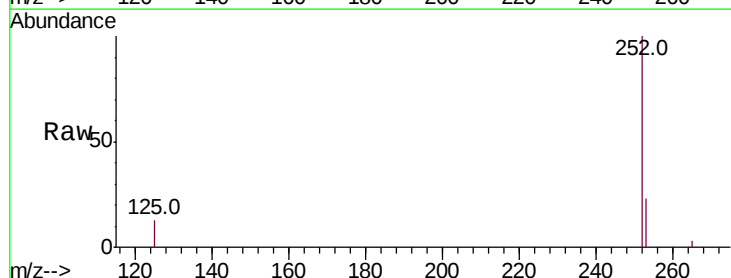
Tgt Ion:252 Resp: 64872

Ion Ratio Lower Upper

252 100

253 23.1 0.0 46.0

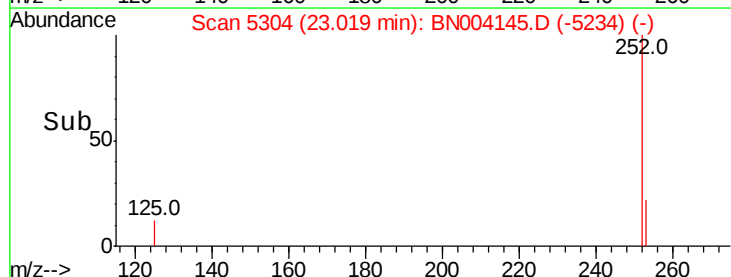
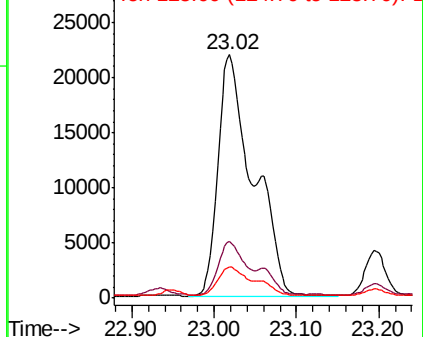
125 12.6 0.0 22.4

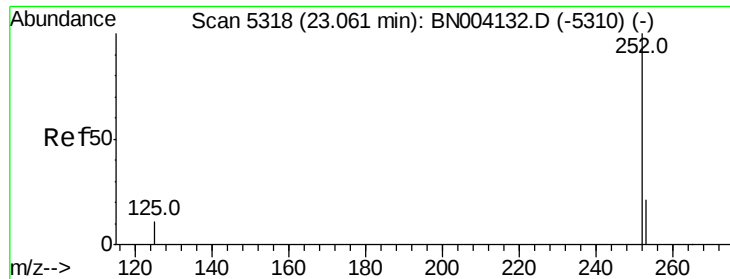


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.487 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.04 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

Instrument :

BNA_N

ClientSampleId :

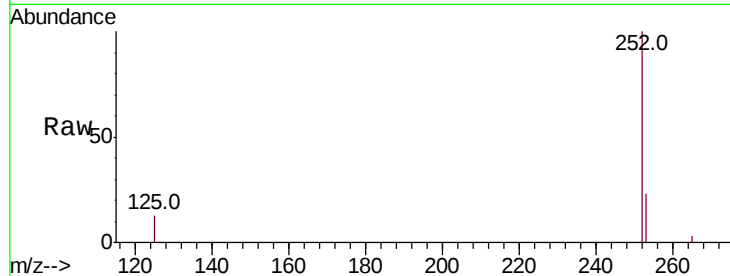
Tot Ion:252 Resp: 64872

Ion Ratio Lower Upper

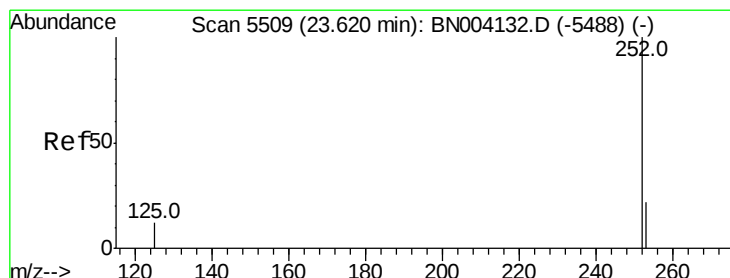
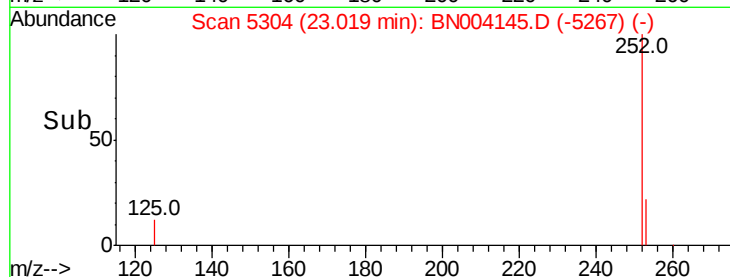
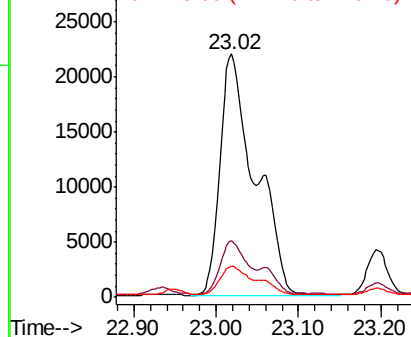
252 100

253 23.1 18.5 27.7

125 12.6 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: 0.542 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. -0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

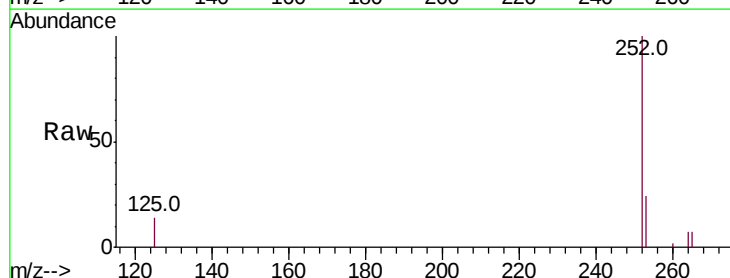
Tgt Ion:252 Resp: 21030

Ion Ratio Lower Upper

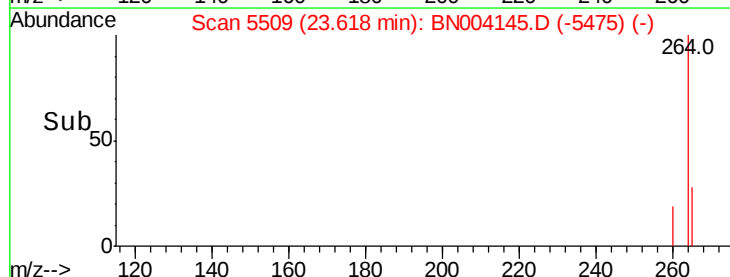
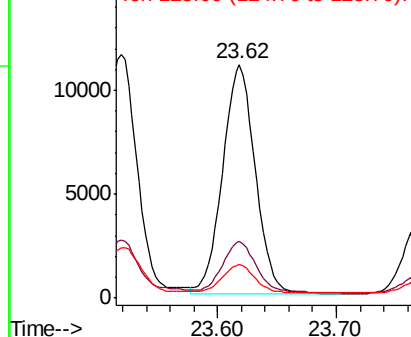
252 100

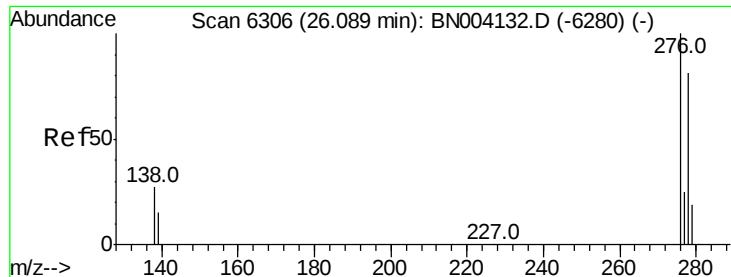
253 24.4 19.0 28.4

125 14.4 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



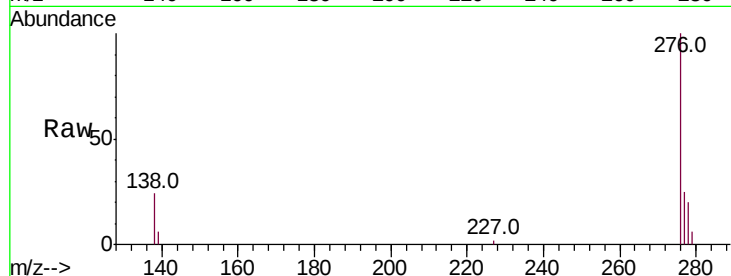


#24

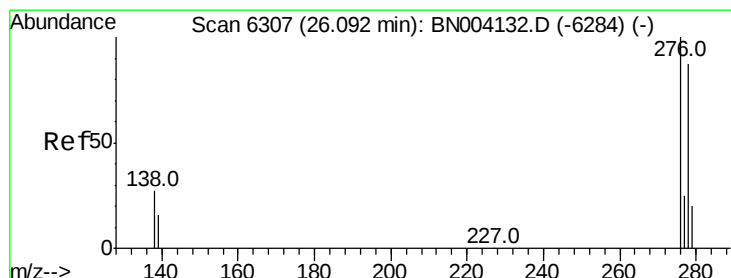
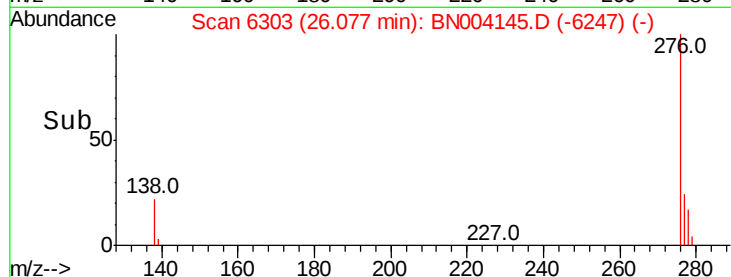
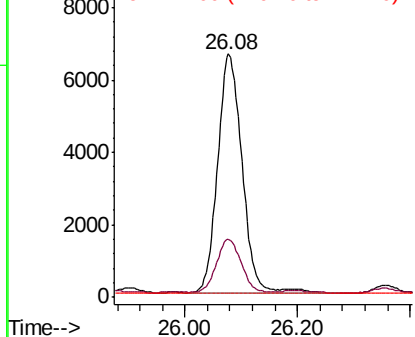
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 19988
Ion Ratio Lower Upper
276 100
138 22.4 20.3 30.5
227 0.1 0.2 0.2#



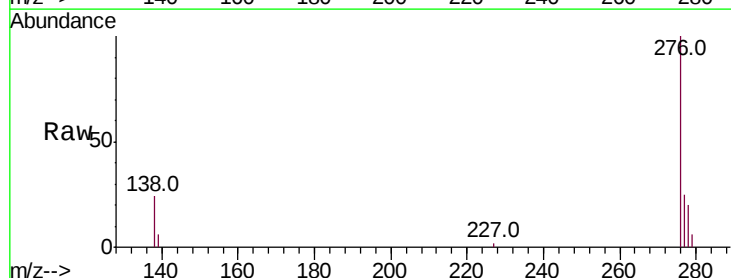
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



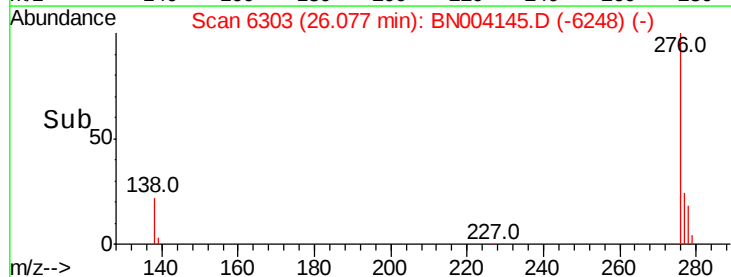
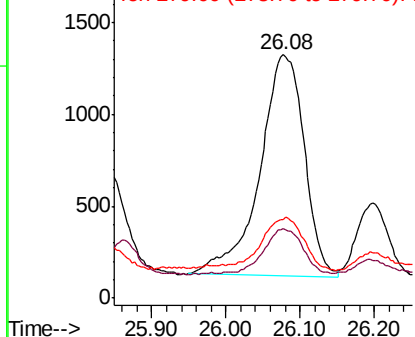
#25

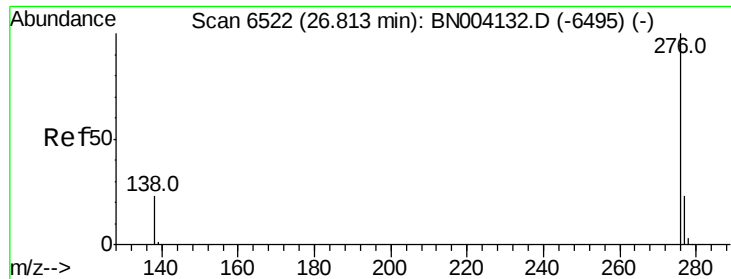
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004145.D
Acq: 20 Dec 2018 09:40

Tgt Ion:278 Resp: 5019
Ion Ratio Lower Upper
278 100
139 28.4 14.2 21.4#
279 32.5 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: 0.368 ng/ul

RT: 26.81 min Scan# 6522

Delta R.T. -0.00 min

Lab File: BN004145.D

Acq: 20 Dec 2018 09:40

Instrument :

BNA_N

ClientSampleId :

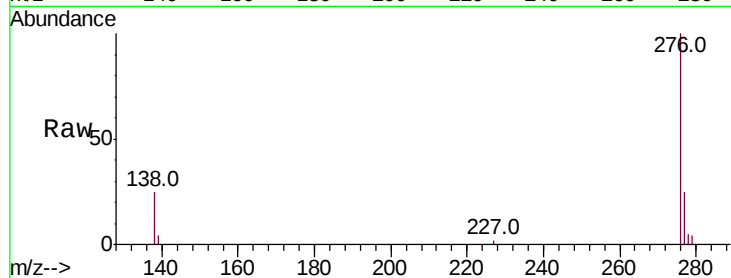
Tot Ion:276 Resp: 14212

Ion Ratio Lower Upper

276 100

138 25.1 17.7 26.5

277 25.4 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

