

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006283.D
 Acq On : 12 Jun 2019 16:43
 Operator : JU/SJ
 Sample : K3083-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 01:21:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

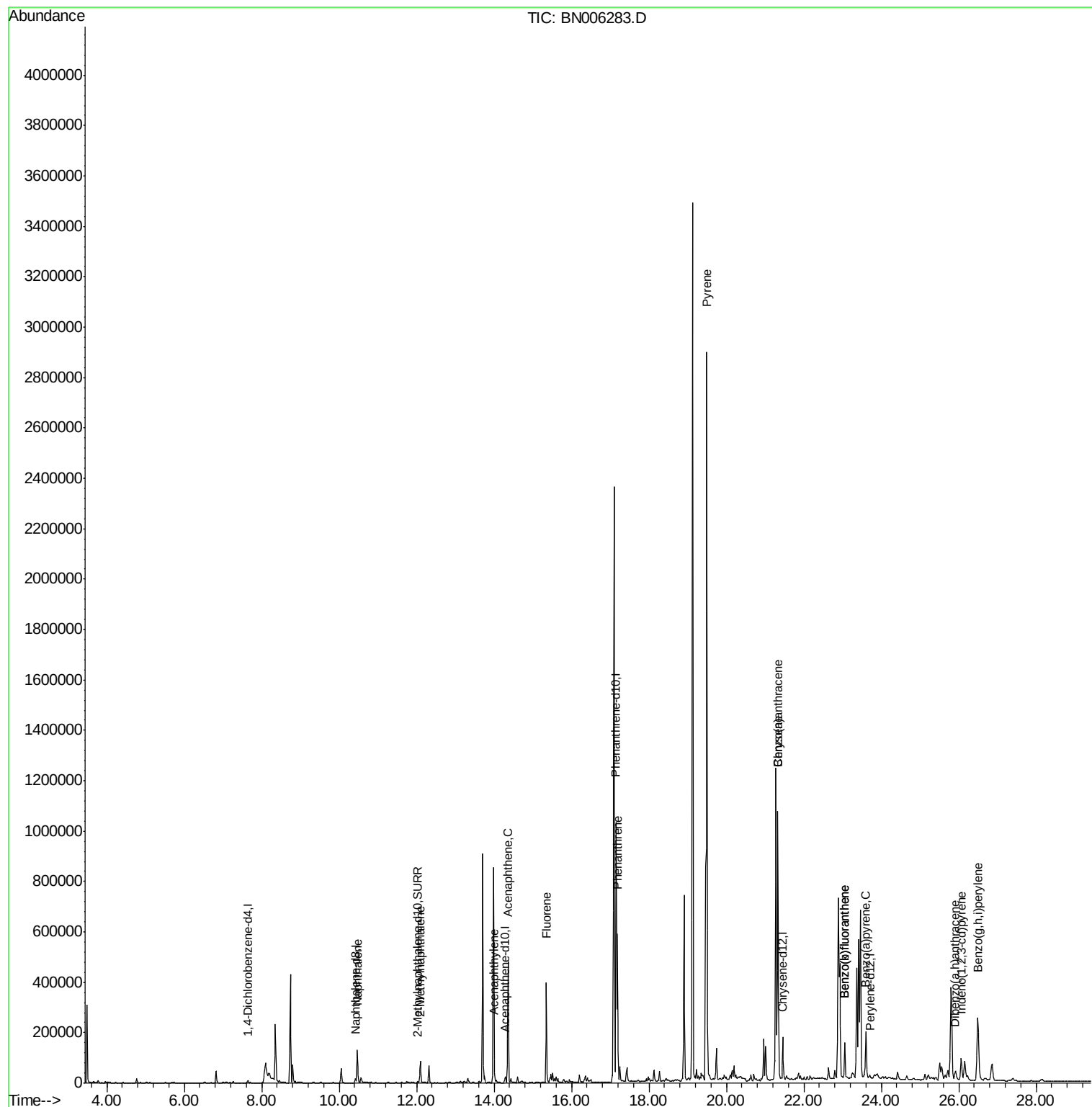
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5373	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1057985	0.40	ng/ul	0.10
16) Chrysene-d12	21.43	240	359	0.40	ng/ul	0.15
20) Perylene-d12	23.70	264	3906	0.40	ng/ul	0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7067	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	1880	0.00	ng/ul	0.09
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	175356	2.999	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	62028	1.522	ng/ul	99
7) Acenaphthylene	14.01	152	10609	0.157	ng/ul#	88
8) Acenaphthene	14.36	153	266319	5.698	ng/ul	99
9) Fluorene	15.35	166	244444	4.470	ng/ul	99
12) Phenanthrene	17.18	178	611713	0.180	ng/ul	100
17) Pyrene	19.49	202	2317936	1225.769	ng/ul	98
18) Benzo(a)anthracene	21.33	228	1041823	656.140	ng/ul	96
19) Chrysene	21.33	228	1041256	698.552	ng/ul	98
21) Benzo(b)fluoranthene	23.05	252	176597	10.843	ng/ul	95
22) Benzo(k)fluoranthene	23.05	252	175766	11.079	ng/ul#	92
23) Benzo(a)pyrene	23.60	252	230214	15.177	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.06	276	31365	1.910	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.91	278	52431	3.994	ng/ul	91
26) Benzo(g,h,i)perylene	26.49	276	479573	34.874	ng/ul	94

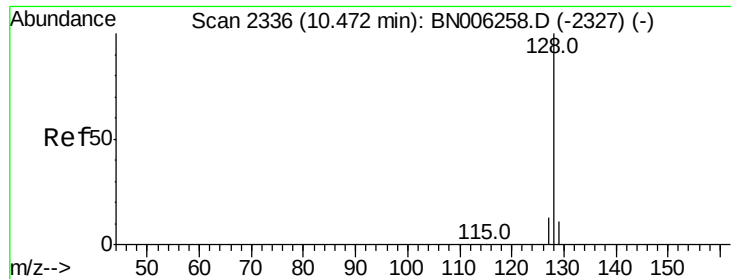
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 17:24:11 2019
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#3

Naphthalene

Concen: 2.999 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

ClientSampleId :

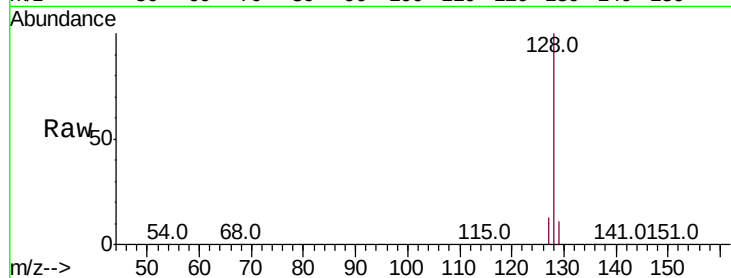
Tot Ion:128 Resp: 175356

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

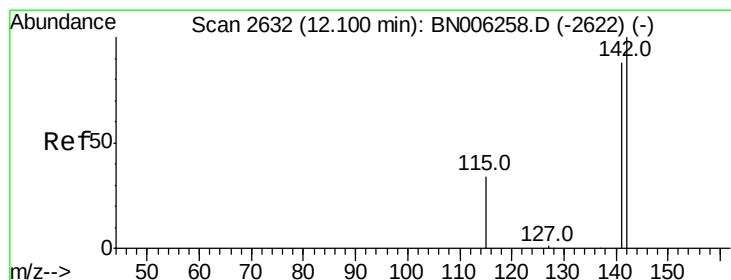
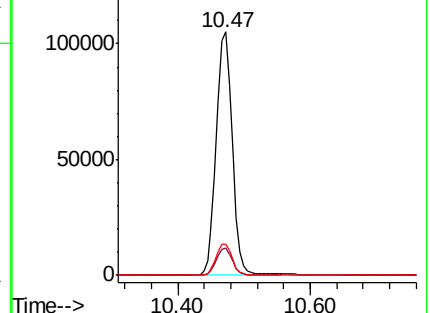
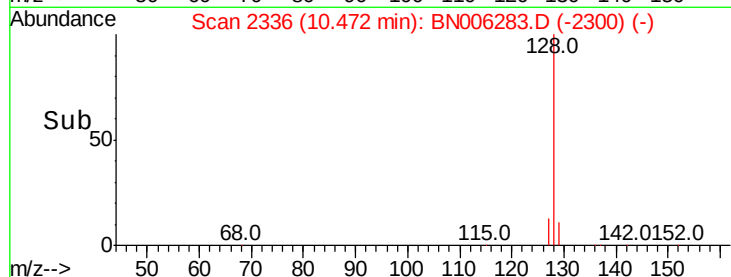
127 13.0 10.7 16.1



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: 1.522 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BN006283.D

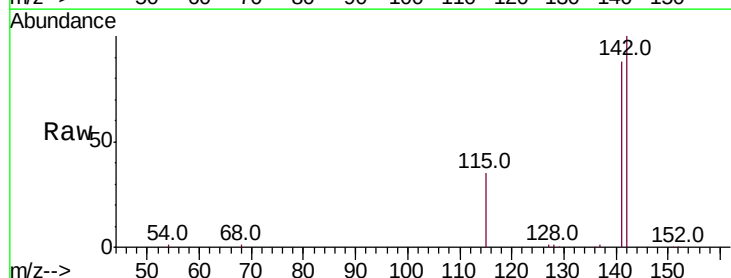
Acq: 12 Jun 2019 16:43

Tgt Ion:142 Resp: 62028

Ion Ratio Lower Upper

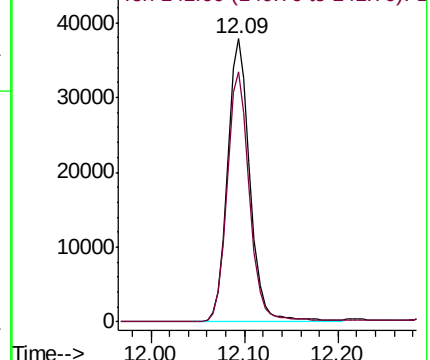
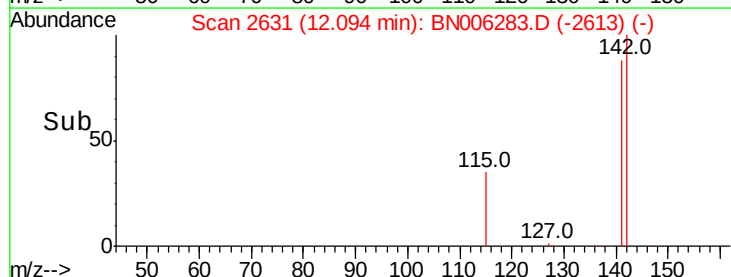
142 100

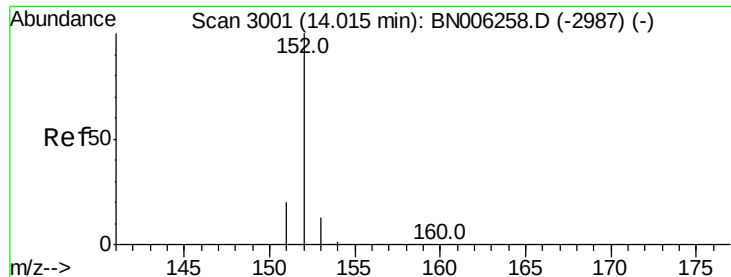
141 88.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.157 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

ClientSampleId :

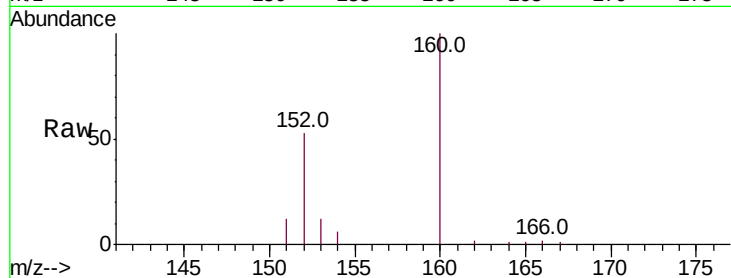
Tot Ion:152 Resp: 10609

Ion Ratio Lower Upper

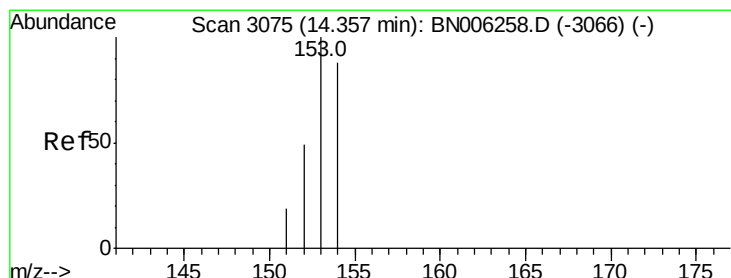
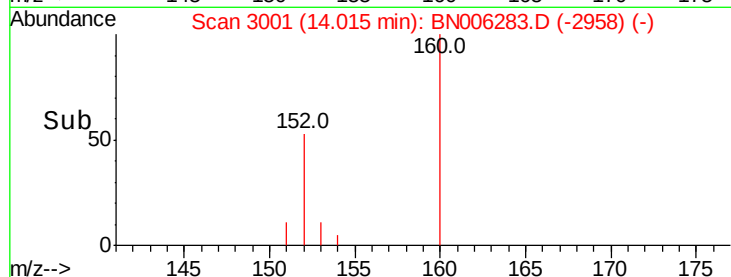
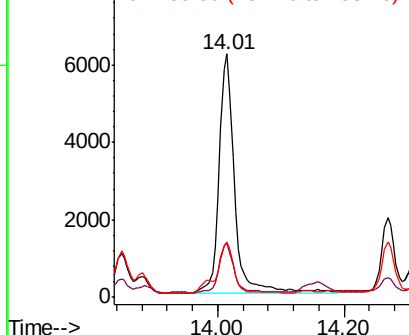
152 100

151 22.1 15.8 23.8

153 22.6 10.8 16.2#



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: 5.698 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

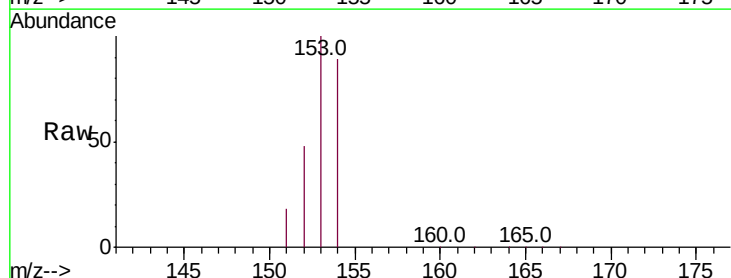
Tgt Ion:153 Resp: 266319

Ion Ratio Lower Upper

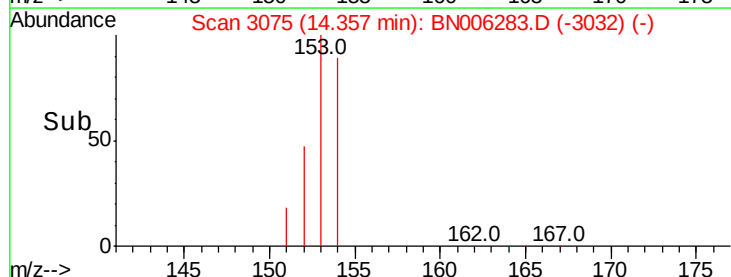
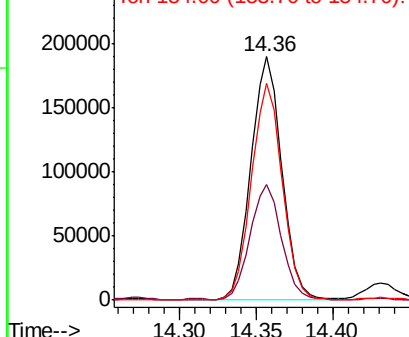
153 100

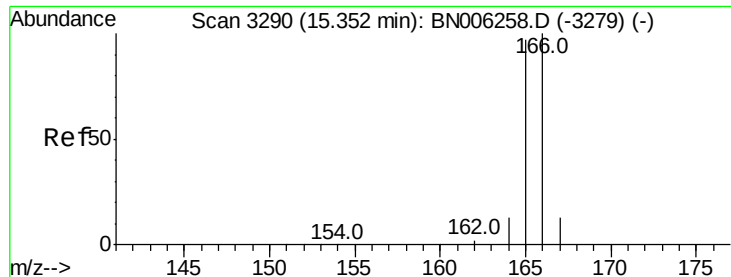
152 47.6 39.1 58.7

154 89.2 71.1 106.7



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: 4.470 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

ClientSampleId :

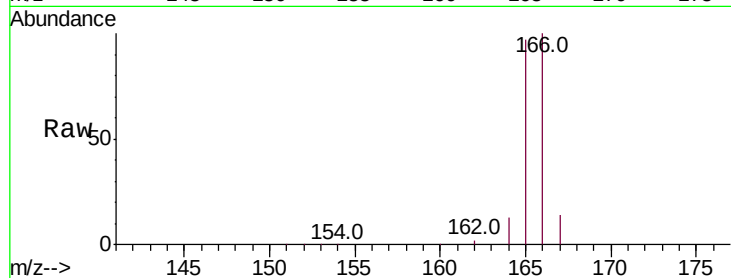
Tot Ion:166 Resp: 244444

Ion Ratio Lower Upper

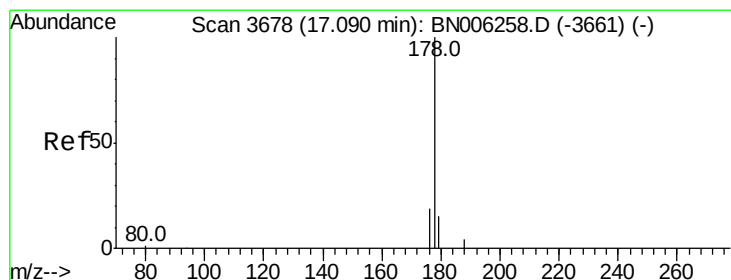
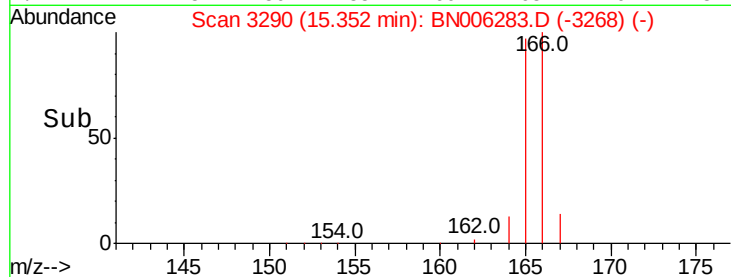
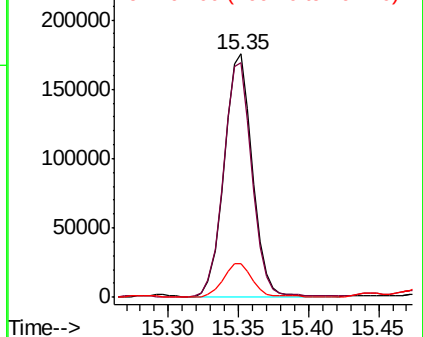
166 100

165 96.6 76.4 114.6

167 14.1 11.0 16.6



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: 0.180 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. 0.09 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

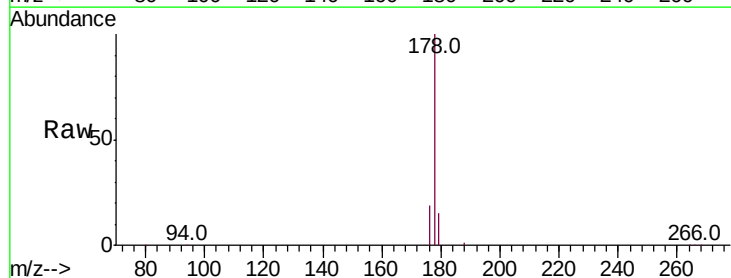
Tgt Ion:178 Resp: 611713

Ion Ratio Lower Upper

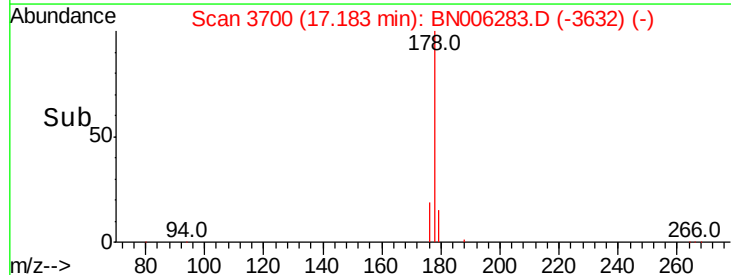
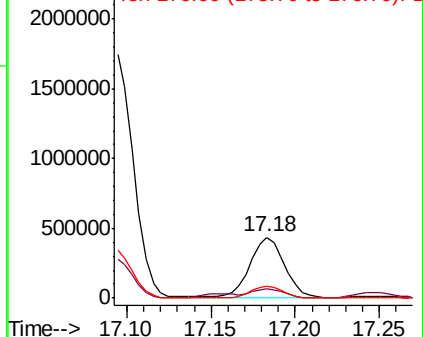
178 100

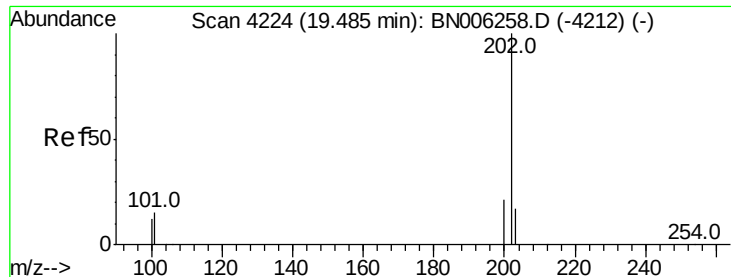
179 15.5 12.3 18.5

176 18.8 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

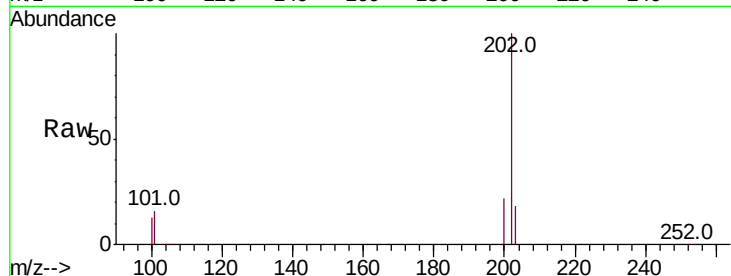




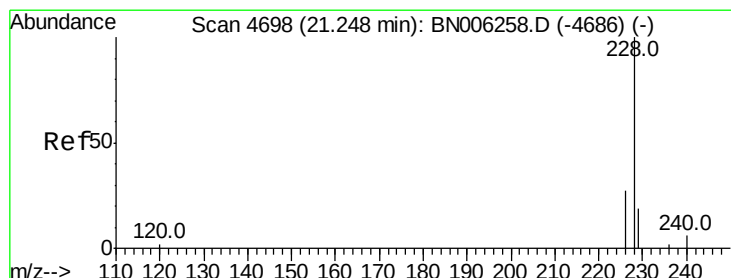
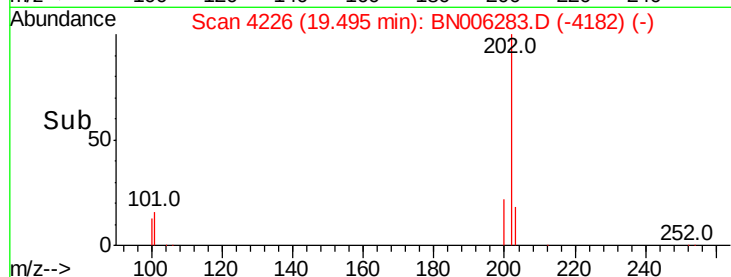
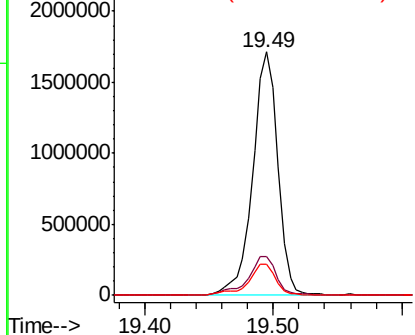
#17
 Pvrene
 Concen: 1225.769 ng/ul
 RT: 19.49 min Scan# 4226
 Delta R.T. 0.00 min
 Lab File: BN006283.D
 Acq: 12 Jun 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 2317936
 Ion Ratio Lower Upper
 202 100
 101 16.1 12.2 18.2
 100 12.6 9.8 14.6

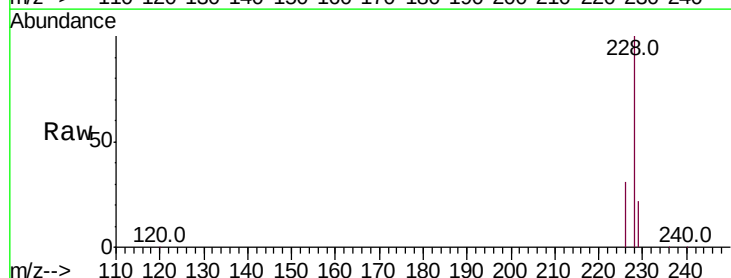


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

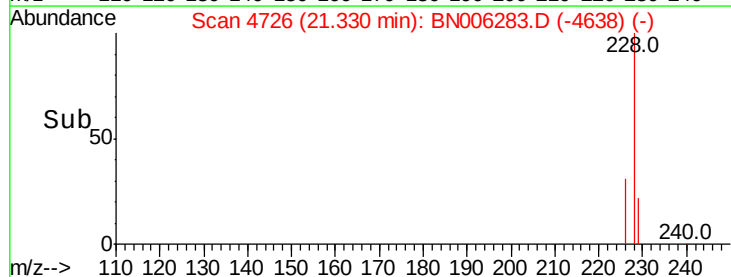
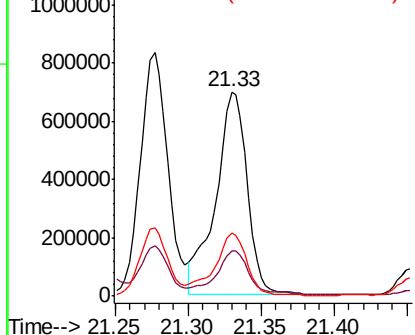


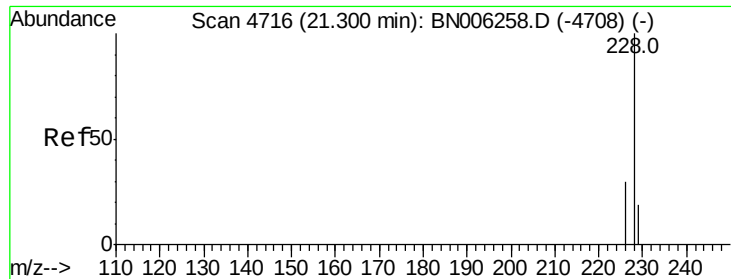
#18
 Benzo(a)anthracene
 Concen: 656.140 ng/ul
 RT: 21.33 min Scan# 4726
 Delta R.T. 0.06 min
 Lab File: BN006283.D
 Acq: 12 Jun 2019 16:43

Tgt Ion:228 Resp: 1041823
 Ion Ratio Lower Upper
 228 100
 229 22.3 16.5 24.7
 226 30.8 22.8 34.2



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: 698.552 ng/ul

RT: 21.33 min Scan# 4726

Delta R.T. 0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

ClientSampleId :

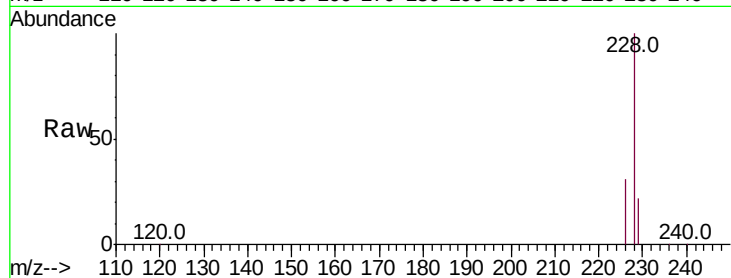
Tot Ion:228 Resp: 1041256

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

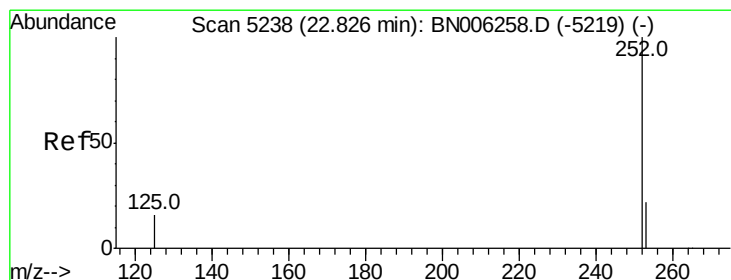
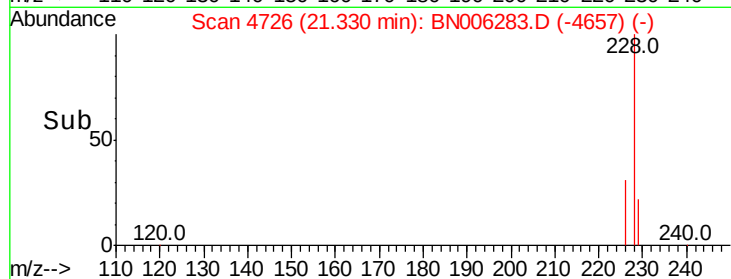
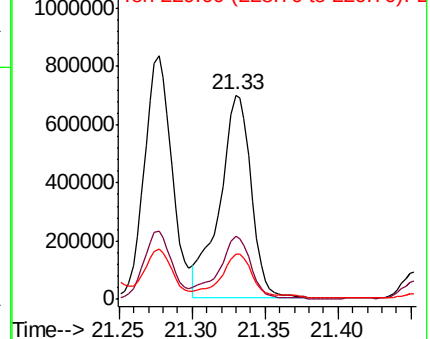
229 22.3 16.3 24.5



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: 10.843 ng/ul

RT: 23.05 min Scan# 5316

Delta R.T. 0.18 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

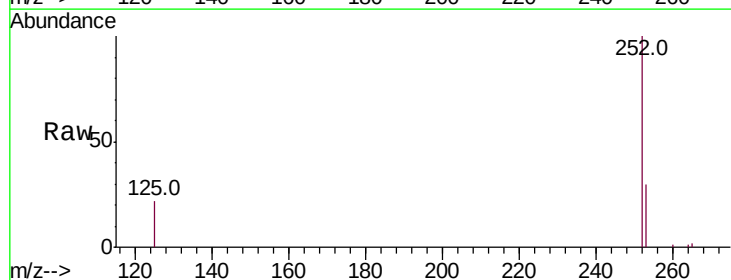
Tgt Ion:252 Resp: 176597

Ion Ratio Lower Upper

252 100

253 29.5 0.0 51.4

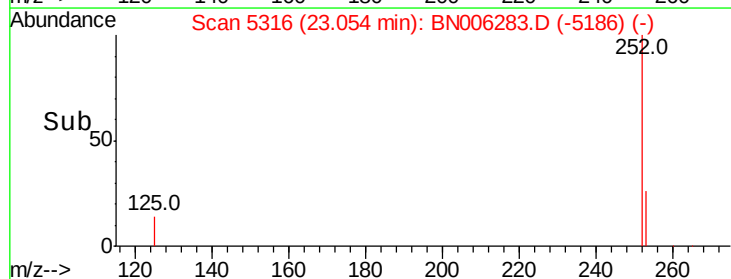
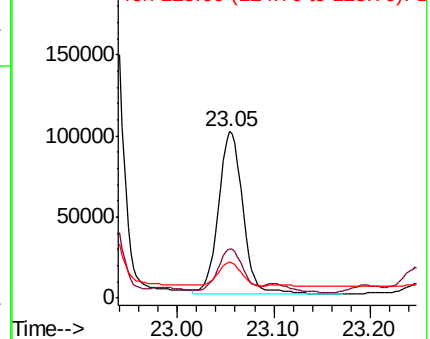
125 21.7 0.0 41.0

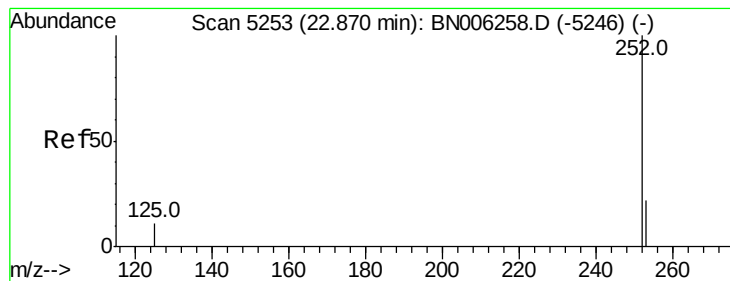


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 11.079 ng/ul

RT: 23.05 min Scan# 5316

Delta R.T. 0.13 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

ClientSampled :

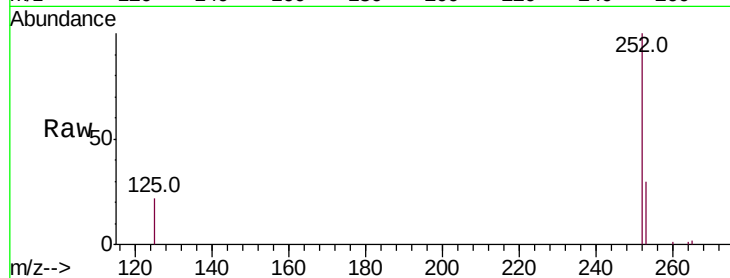
Tot Ion:252 Resp: 175766

Ion Ratio Lower Upper

252 100

253 29.5 20.3 30.5

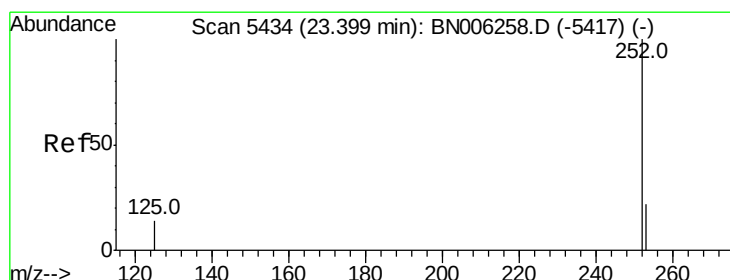
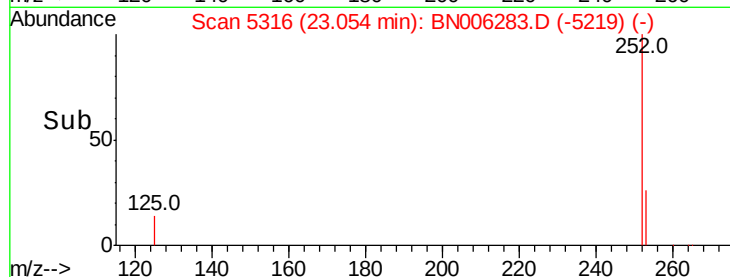
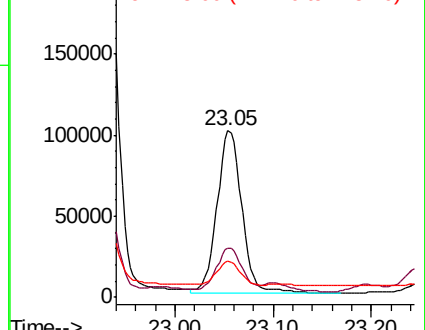
125 21.7 14.3 21.5#



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: 15.177 ng/ul

RT: 23.60 min Scan# 5504

Delta R.T. 0.15 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

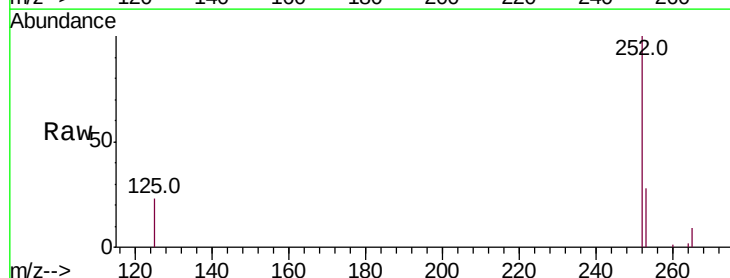
Tgt Ion:252 Resp: 230214

Ion Ratio Lower Upper

252 100

253 27.7 21.1 31.7

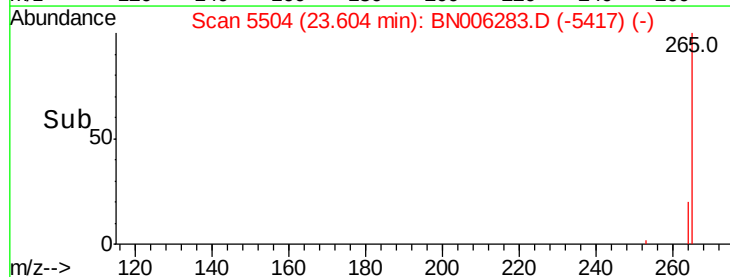
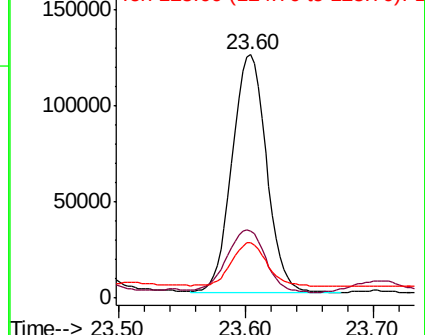
125 22.7 20.3 30.5

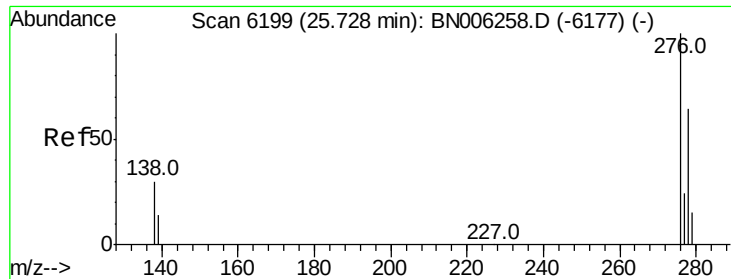


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



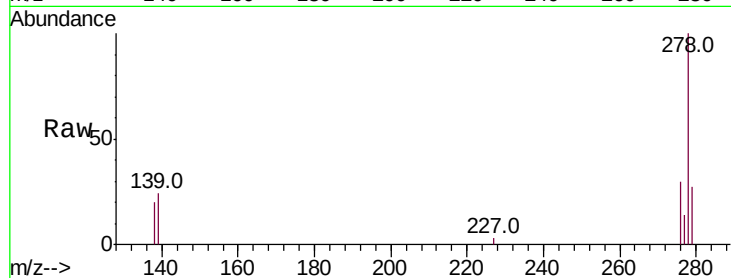


#24

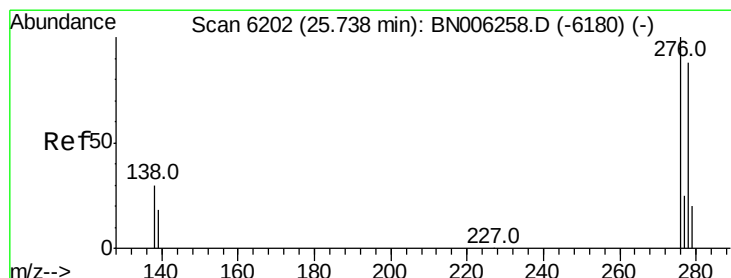
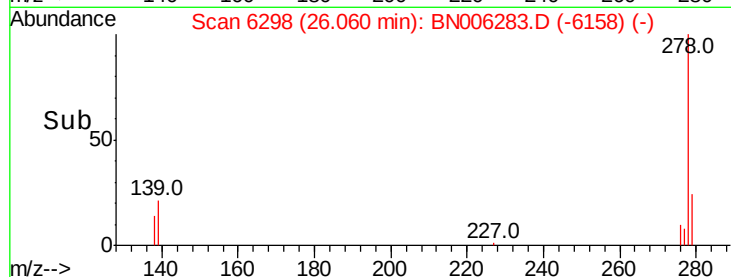
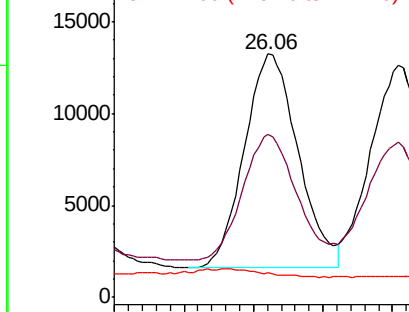
Indeno(1,2,3-cd)pyrene
Concen: 1.910 ng/ul
RT: 26.06 min Scan# 6298
Delta R.T. 0.27 min
Lab File: BN006283.D
Acq: 12 Jun 2019 16:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 31365
Ion Ratio Lower Upper
276 100
138 58.8 25.6 38.4#
227 0.0 0.3 0.5#



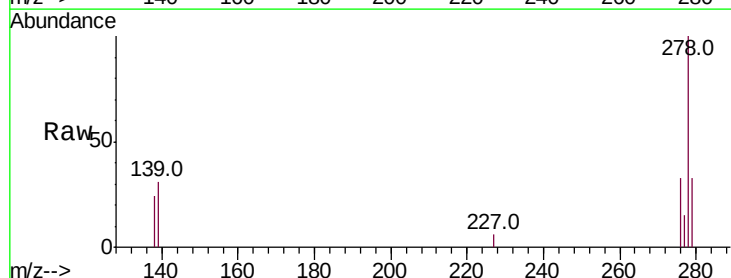
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



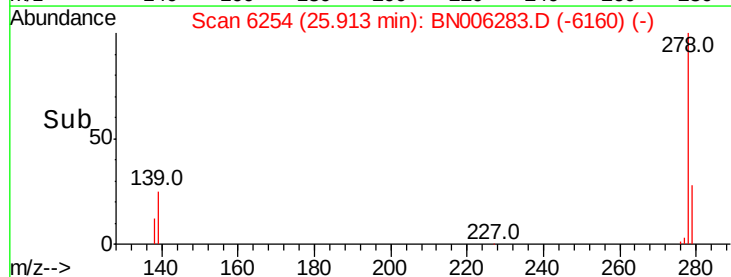
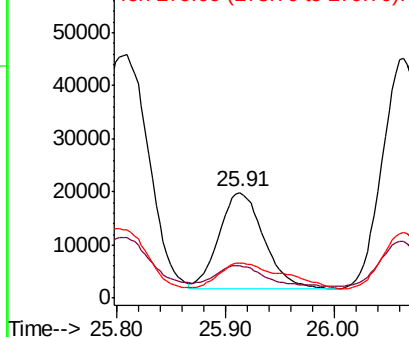
#25

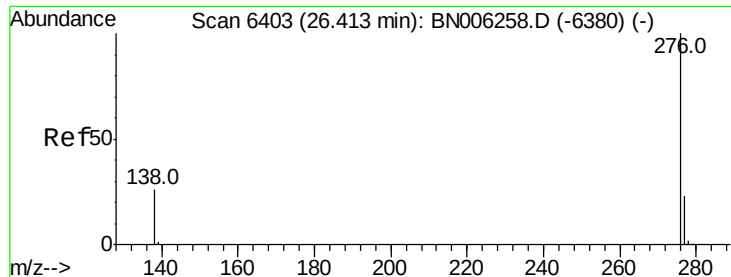
Dibenzo(a,h)anthracene
Concen: 3.994 ng/ul
RT: 25.91 min Scan# 6254
Delta R.T. 0.11 min
Lab File: BN006283.D
Acq: 12 Jun 2019 16:43

Tgt Ion:278 Resp: 52431
Ion Ratio Lower Upper
278 100
139 31.1 21.2 31.8
279 33.3 22.6 33.8



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: 34.874 ng/ul

RT: 26.49 min Scan# 6426

Delta R.T. 0.02 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

ClientSampleId :

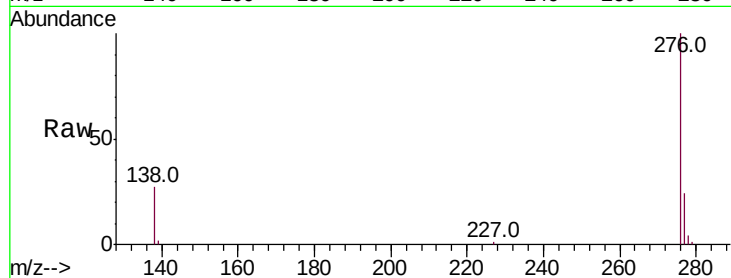
Tot Ion:276 Resp: 479573

Ion Ratio Lower Upper

276 100

138 26.8 24.2 36.4

277 24.4 21.5 32.3



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

