

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006254.D
 Acq On : 11 Jun 2019 19:48
 Operator : JU/SJ
 Sample : K3083-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 01:12:21 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

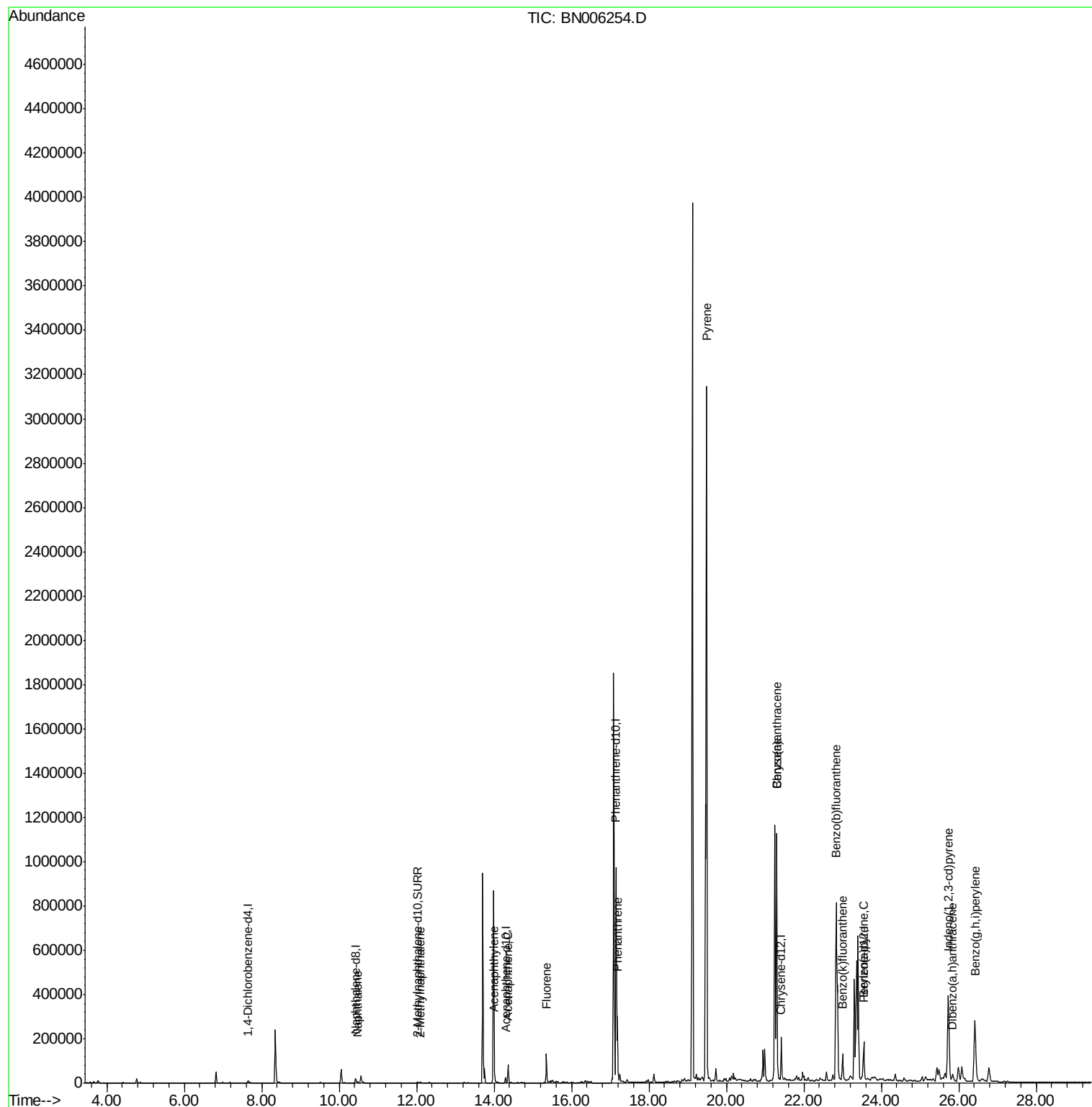
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	6708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	26937	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14042	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1068741	0.40	ng/ul	0.10
16) Chrysene-d12	21.40	240	394	0.40	ng/ul	0.14
20) Perylene-d12	23.56	264	2009	0.40	ng/ul	0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7049	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	1522	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	6706	0.090	ng/ul	96
5) 2-Methylnaphthalene	12.10	142	2022	0.039	ng/ul	94
7) Acenaphthylene	14.01	152	12506	0.160	ng/ul	97
8) Acenaphthene	14.36	153	46866	0.866	ng/ul	99
9) Fluorene	15.35	166	80640	1.273	ng/ul	99
12) Phenanthrene	17.18	178	294836	0.086	ng/ul	99
17) Pyrene	19.49	202	2616340	1260.664	ng/ul	100
18) Benzo(a)anthracene	21.30	228	1072060	615.205	ng/ul	96
19) Chrysene	21.30	228	1069470	653.744	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	1723387	205.728	ng/ul	90
22) Benzo(k)fluoranthene	23.00	252	138728	17.002	ng/ul	96
23) Benzo(a)pyrene	23.55	252	220148	28.217	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.73	276	602425	71.337	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.84	278	43444	6.435	ng/ul	93
26) Benzo(g,h,i)perylene	26.42	276	549934	77.751	ng/ul	94

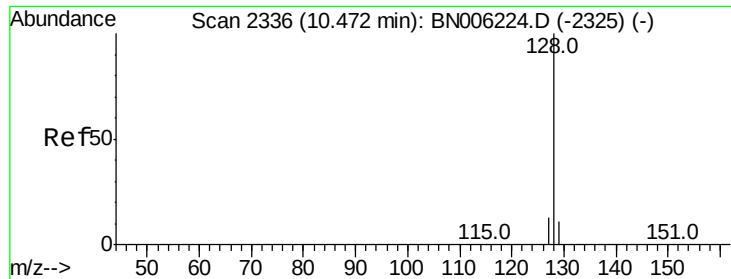
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.090 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

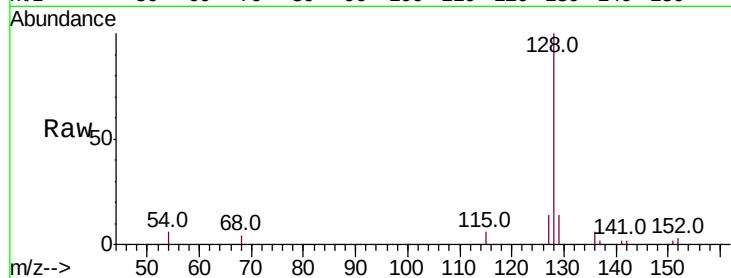
Tot Ion:128 Resp: 6706

Ion Ratio Lower Upper

128 100

129 13.7 9.3 13.9

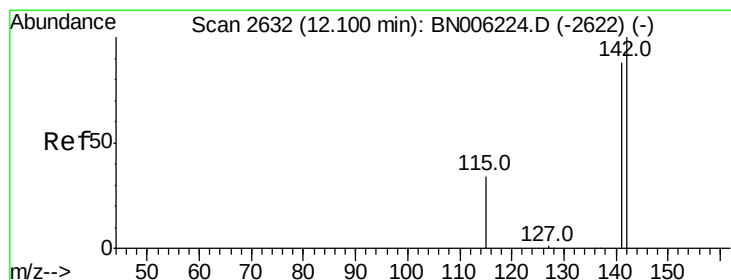
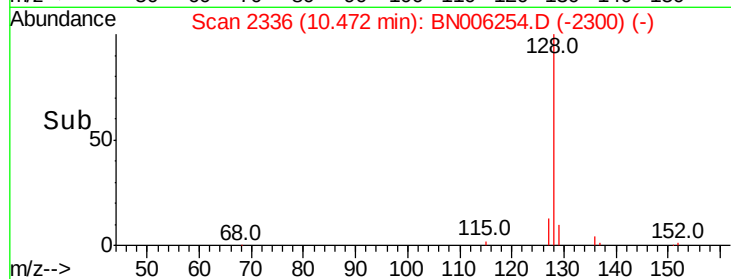
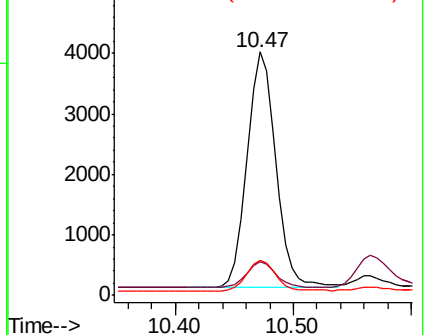
127 14.3 10.7 16.1



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: 0.039 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006254.D

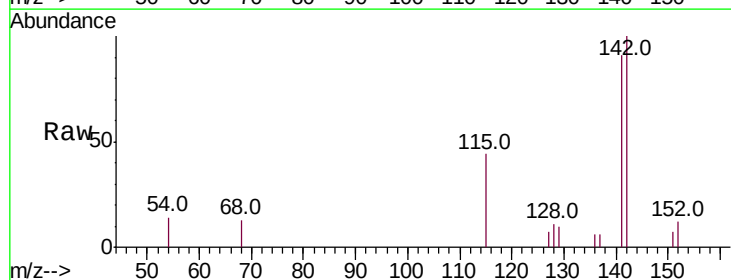
Acq: 11 Jun 2019 19:48

Tgt Ion:142 Resp: 2022

Ion Ratio Lower Upper

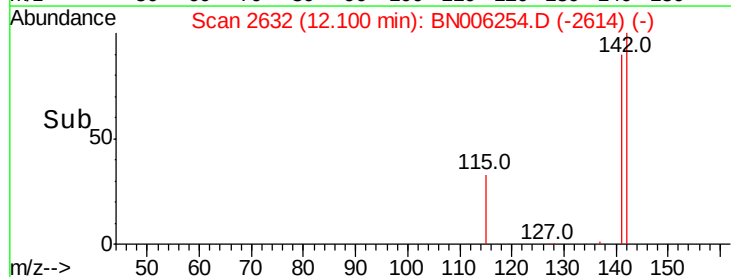
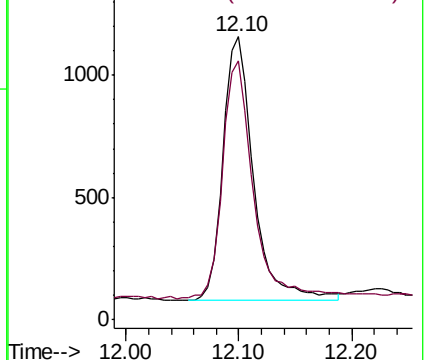
142 100

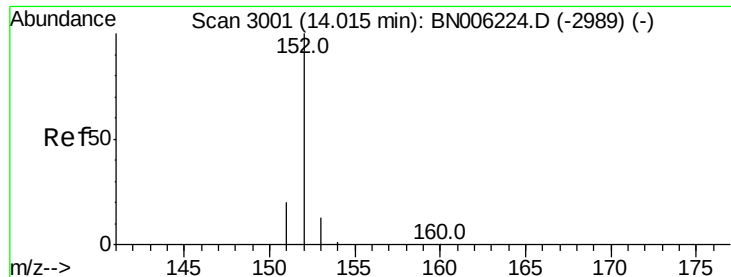
141 93.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.160 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

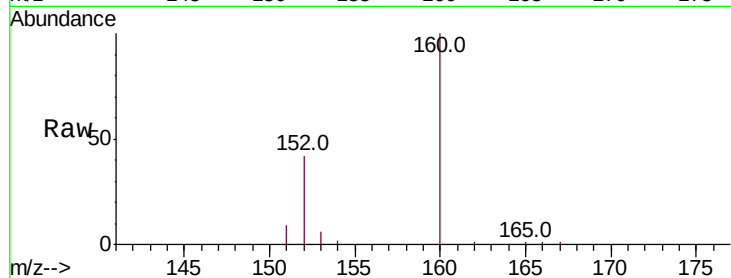
Tot Ion:152 Resp: 12506

Ion Ratio Lower Upper

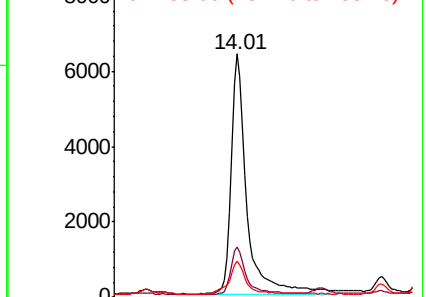
152 100

151 20.7 15.8 23.8

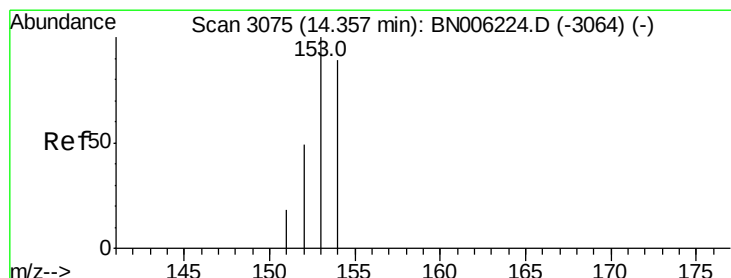
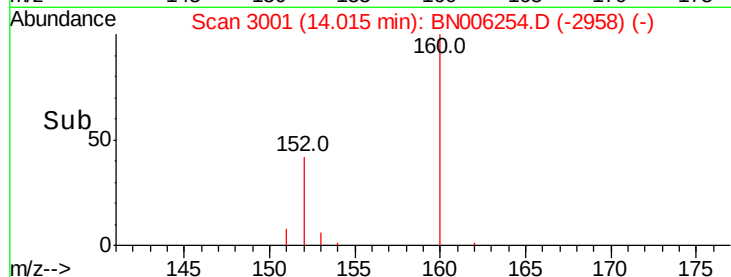
153 14.9 10.8 16.2



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



Time--> 13.80 14.00 14.20



#8

Acenaphthene

Concen: 0.866 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

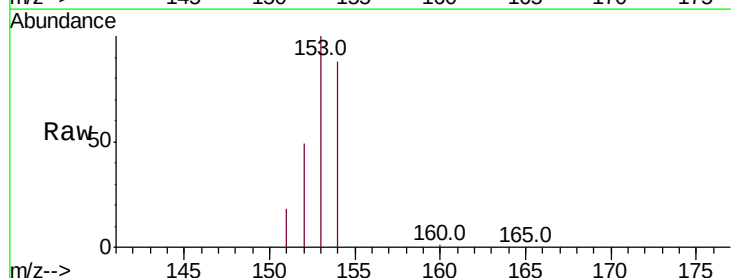
Tgt Ion:153 Resp: 46866

Ion Ratio Lower Upper

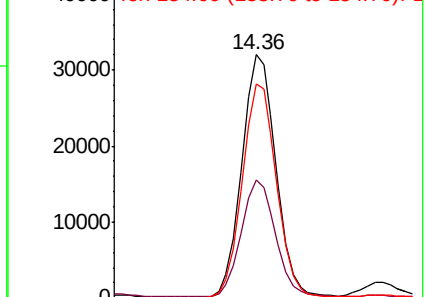
153 100

152 48.5 39.1 58.7

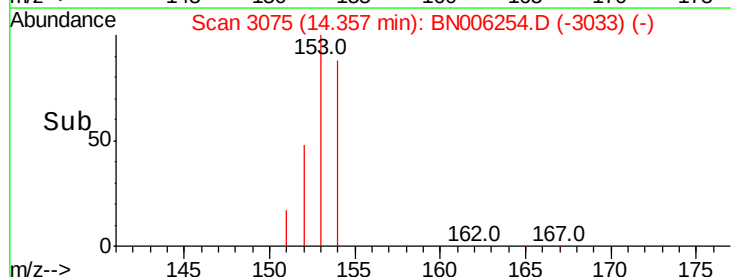
154 88.1 71.1 106.7

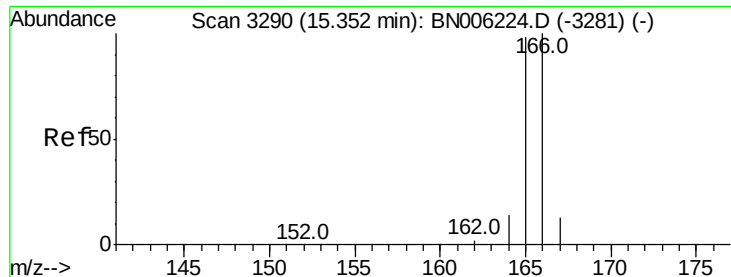


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.30 14.35 14.40





#9

Fluorene

Concen: 1.273 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

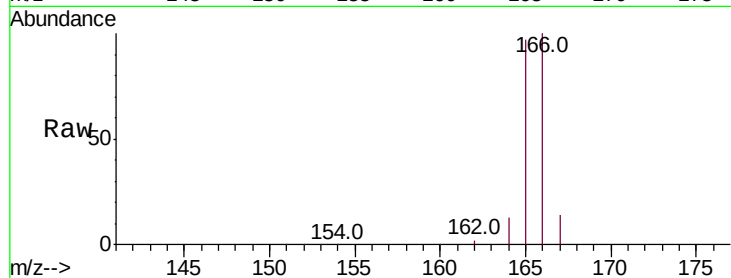
Tot Ion:166 Resp: 80640

Ion Ratio Lower Upper

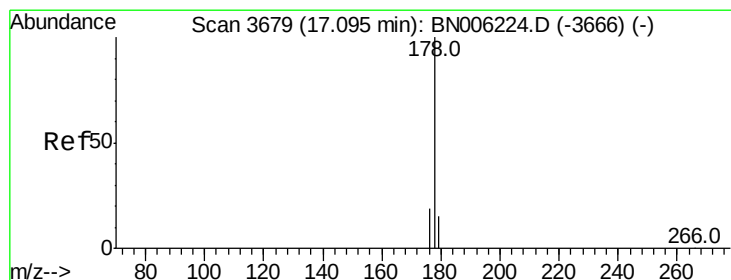
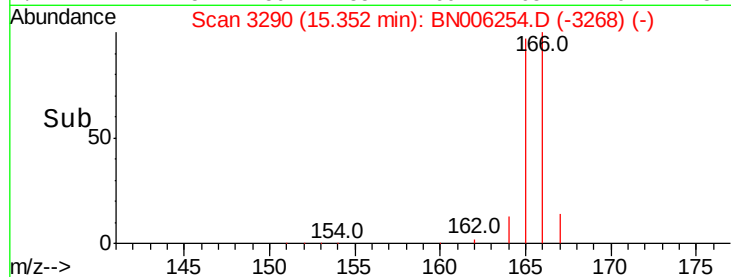
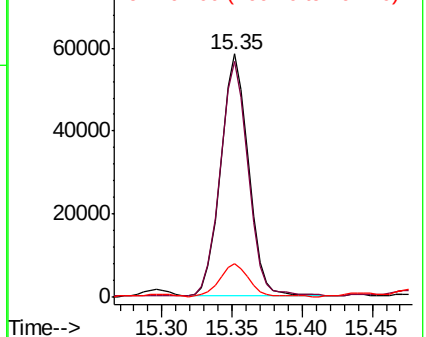
166 100

165 96.8 76.4 114.6

167 14.0 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: 0.086 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. 0.09 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

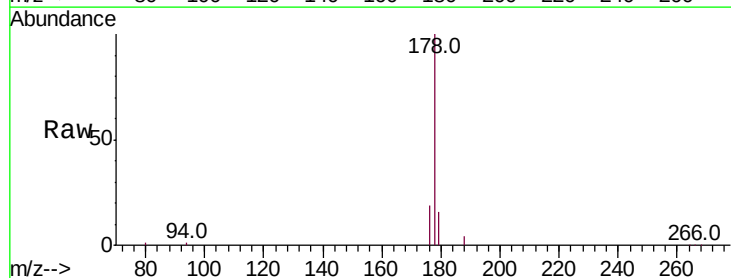
Tgt Ion:178 Resp: 294836

Ion Ratio Lower Upper

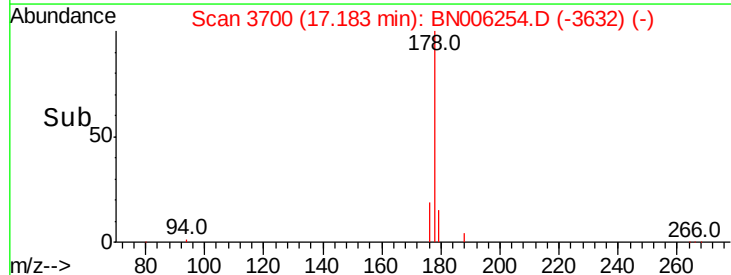
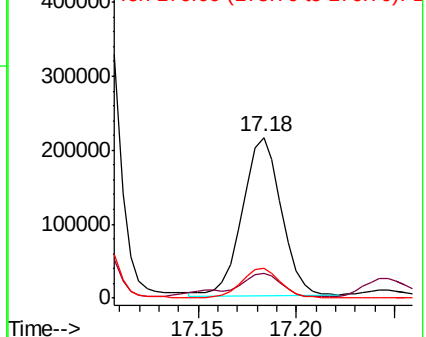
178 100

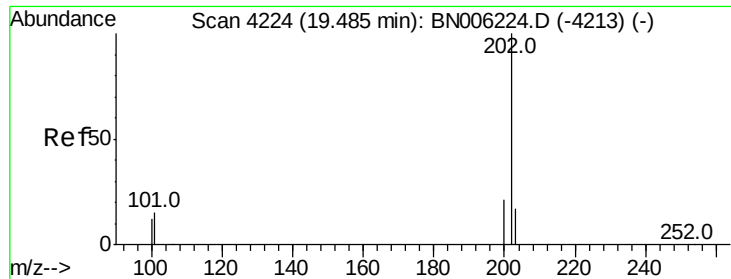
179 15.6 12.3 18.5

176 18.6 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

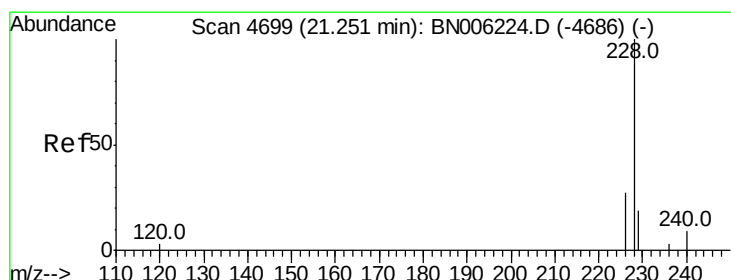
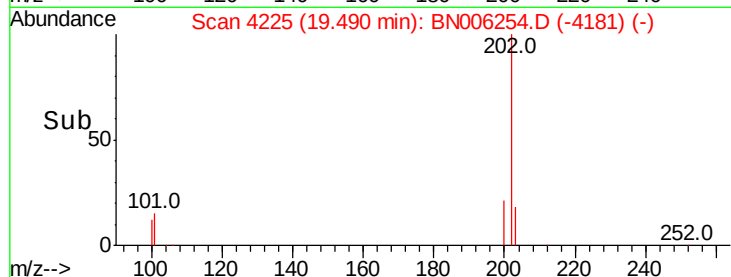
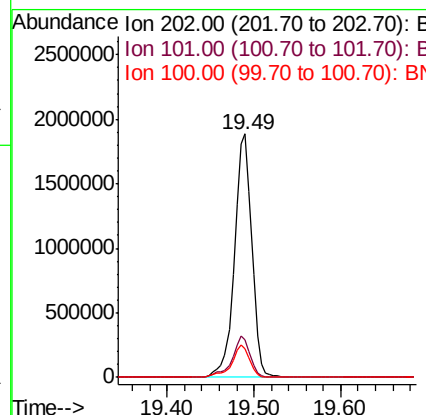
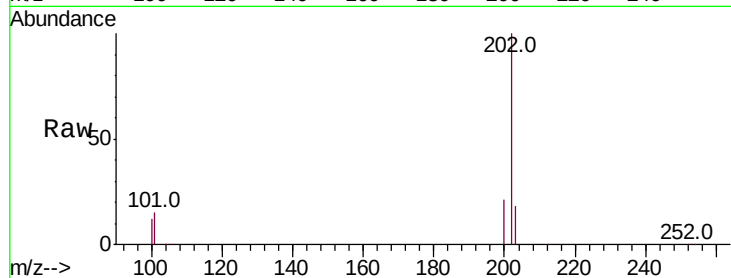




#17
Pvrene
Concen: 1260.664 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006254.D
Acq: 11 Jun 2019 19:48

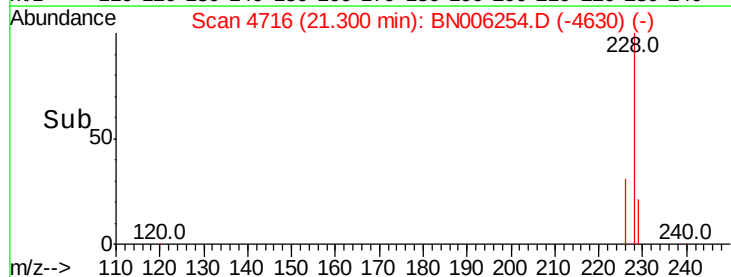
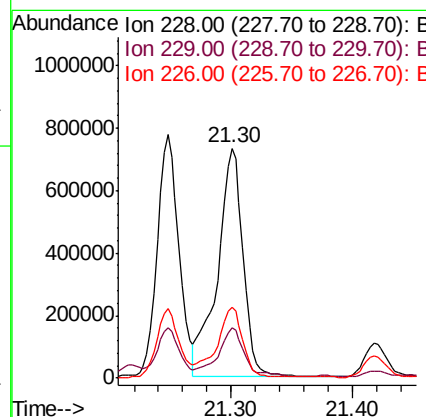
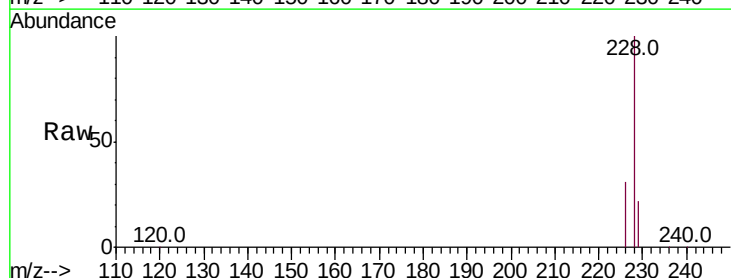
Instrument :
BNA_N
ClientSampleId :

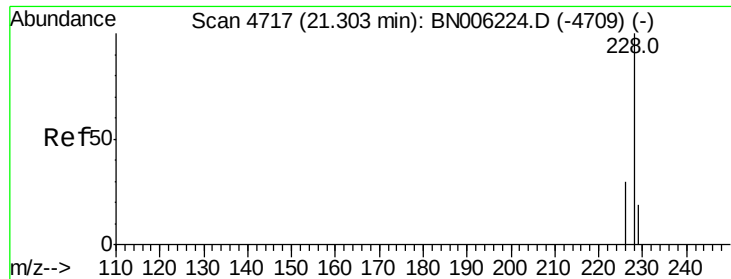
Tot Ion:202 Resp: 2616340
Ion Ratio Lower Upper
202 100
101 15.2 12.2 18.2
100 11.8 9.8 14.6



#18
Benzo(a)anthracene
Concen: 615.205 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. 0.05 min
Lab File: BN006254.D
Acq: 11 Jun 2019 19:48

Tgt Ion:228 Resp: 1072060
Ion Ratio Lower Upper
228 100
229 21.8 16.5 24.7
226 31.1 22.8 34.2





#19

Chrysene

Concen: 653.744 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

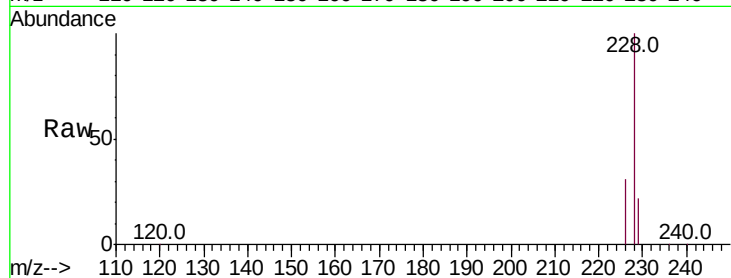
Tot Ion:228 Resp: 1069470

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

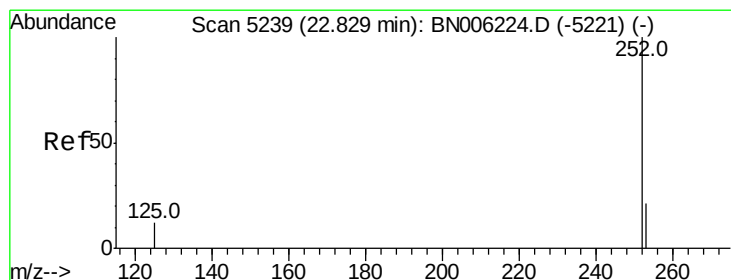
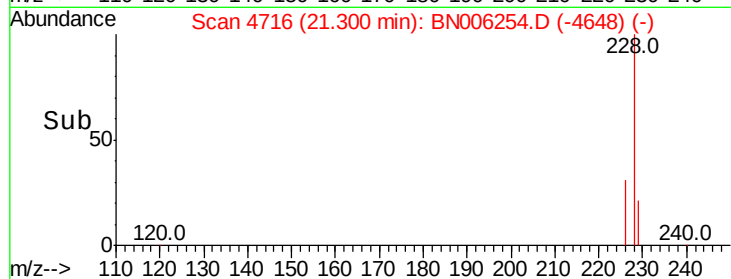
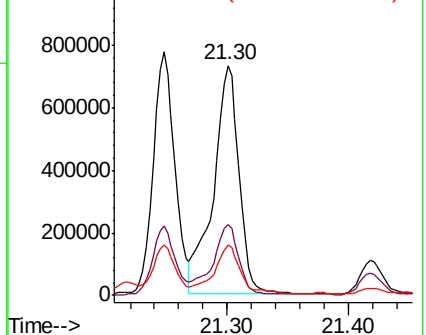
229 21.8 16.3 24.5



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: 205.728 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. 0.01 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

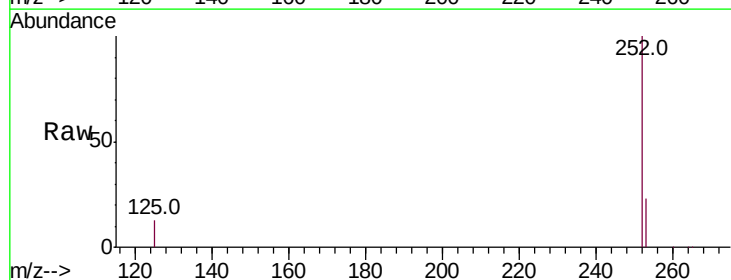
Tgt Ion:252 Resp: 1723387

Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

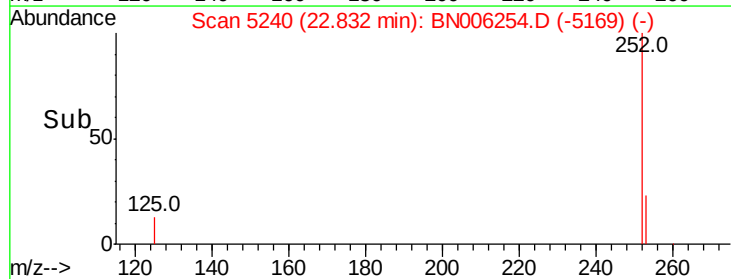
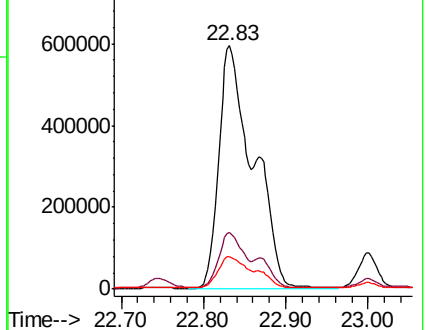
125 13.3 0.0 41.0

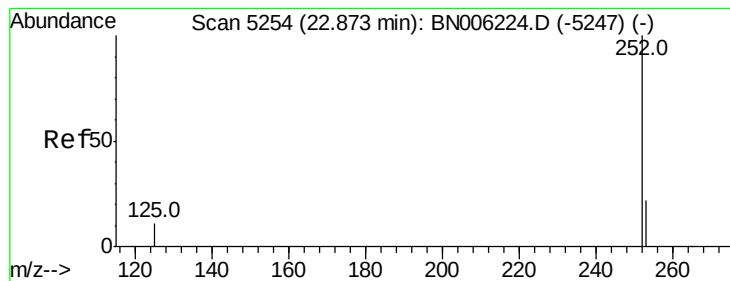


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 17.002 ng/ul

RT: 23.00 min Scan# 5297

Delta R.T. 0.13 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

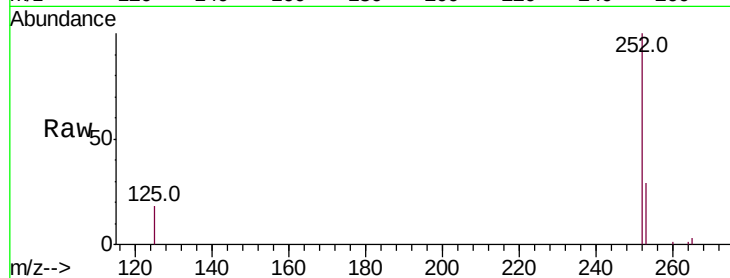
Tot Ion:252 Resp: 138728

Ion Ratio Lower Upper

252 100

253 28.6 20.3 30.5

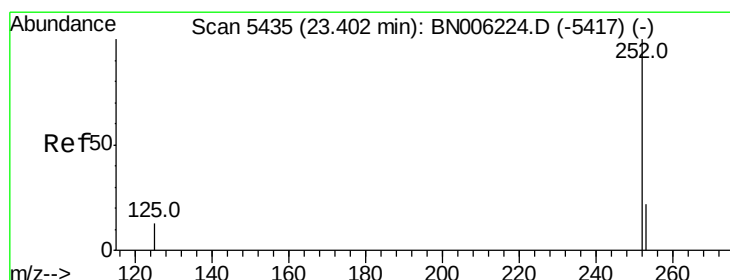
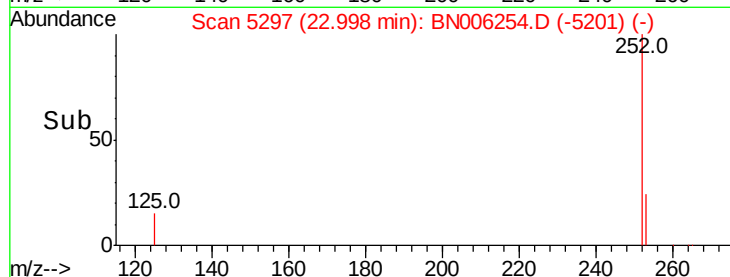
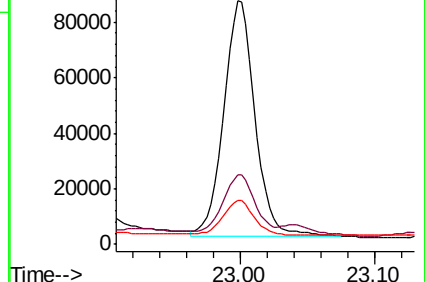
125 18.2 14.3 21.5



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: 28.217 ng/ul

RT: 23.55 min Scan# 5484

Delta R.T. 0.15 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

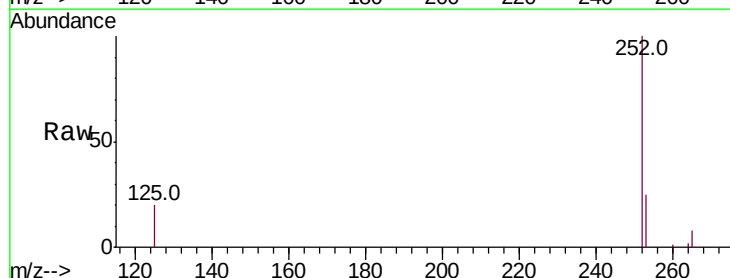
Tgt Ion:252 Resp: 220148

Ion Ratio Lower Upper

252 100

253 25.2 21.1 31.7

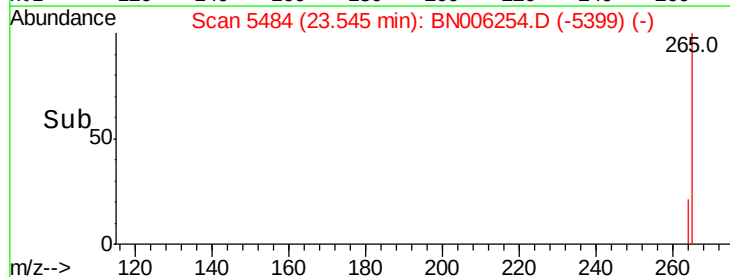
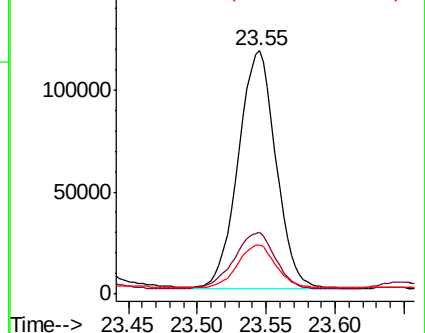
125 20.3 20.3 30.5

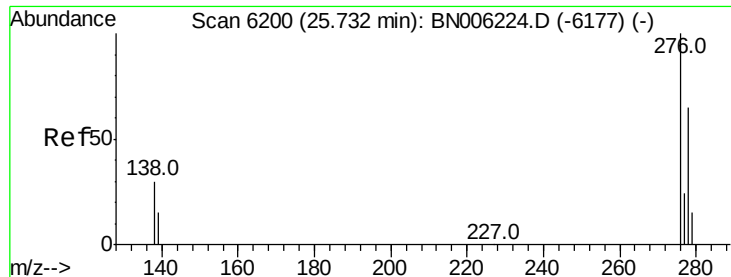


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

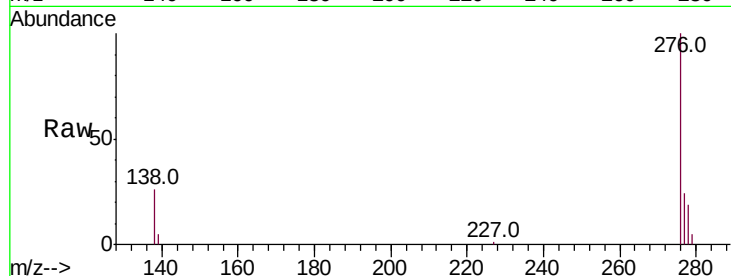




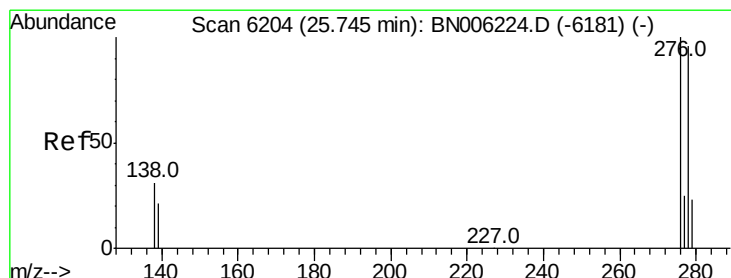
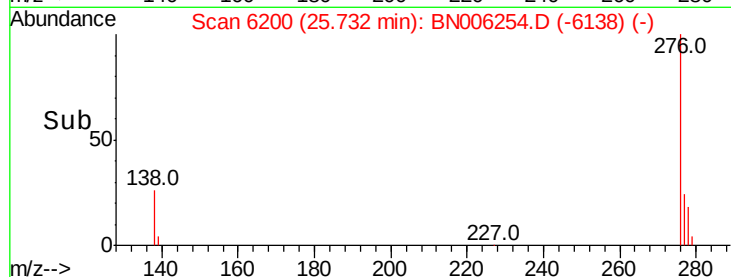
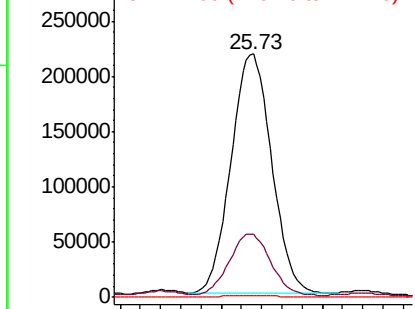
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 71.337 ng/ul
 RT: 25.73 min Scan# 6200
 Delta R.T. 0.01 min
 Lab File: BN006254.D
 Acq: 11 Jun 2019 19:48

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:276 Resp: 602425
 Ion Ratio Lower Upper
 276 100
 138 25.9 25.6 38.4
 227 0.2 0.3 0.5#

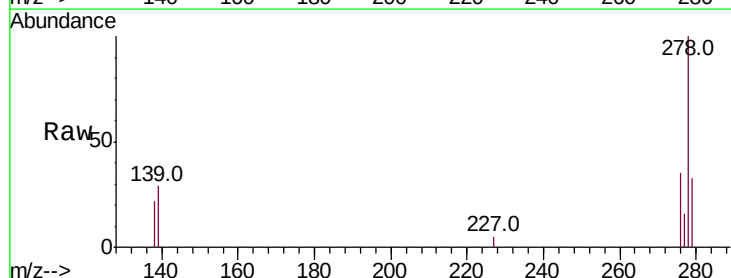


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

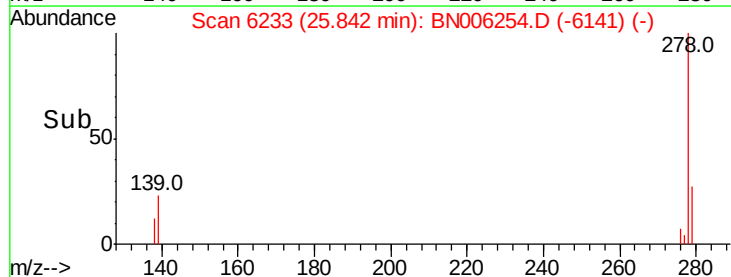
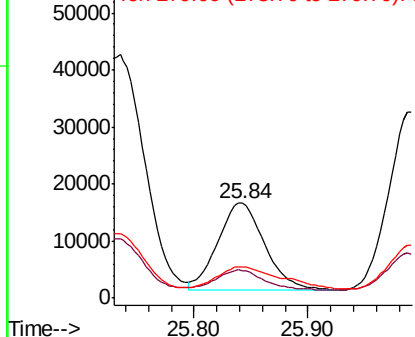


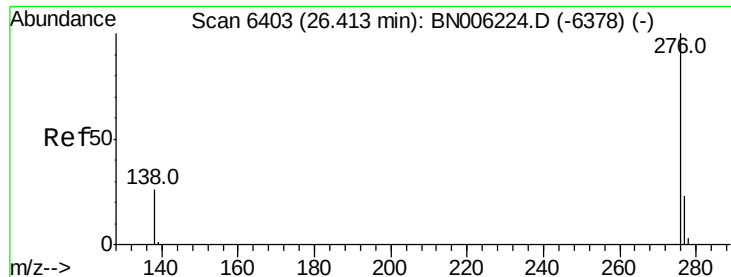
#25
 Dibenzo(a,h)anthracene
 Concen: 6.435 ng/ul
 RT: 25.84 min Scan# 6233
 Delta R.T. 0.11 min
 Lab File: BN006254.D
 Acq: 11 Jun 2019 19:48

Tgt Ion:278 Resp: 43444
 Ion Ratio Lower Upper
 278 100
 139 29.0 21.2 31.8
 279 33.2 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: 77.751 ng/ul

RT: 26.42 min Scan# 6404

Delta R.T. 0.01 min

Lab File: BN006254.D

Acq: 11 Jun 2019 19:48

Instrument :

BNA_N

ClientSampleId :

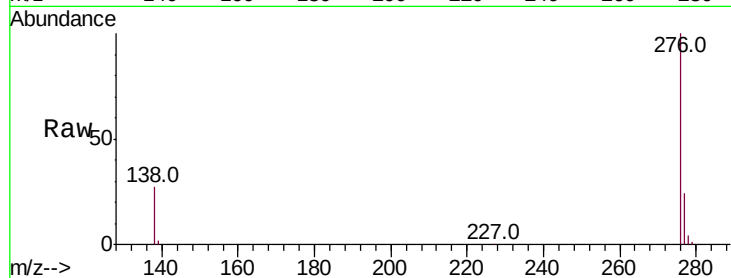
Tot Ion:276 Resp: 549934

Ion Ratio Lower Upper

276 100

138 26.9 24.2 36.4

277 24.1 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

