

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001062.D
 Acq On : 02 May 2018 10:15
 Operator : JU/SJ
 Sample : J2527-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 07:35:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 07:35:09 2018
 Response via : Initial Calibration

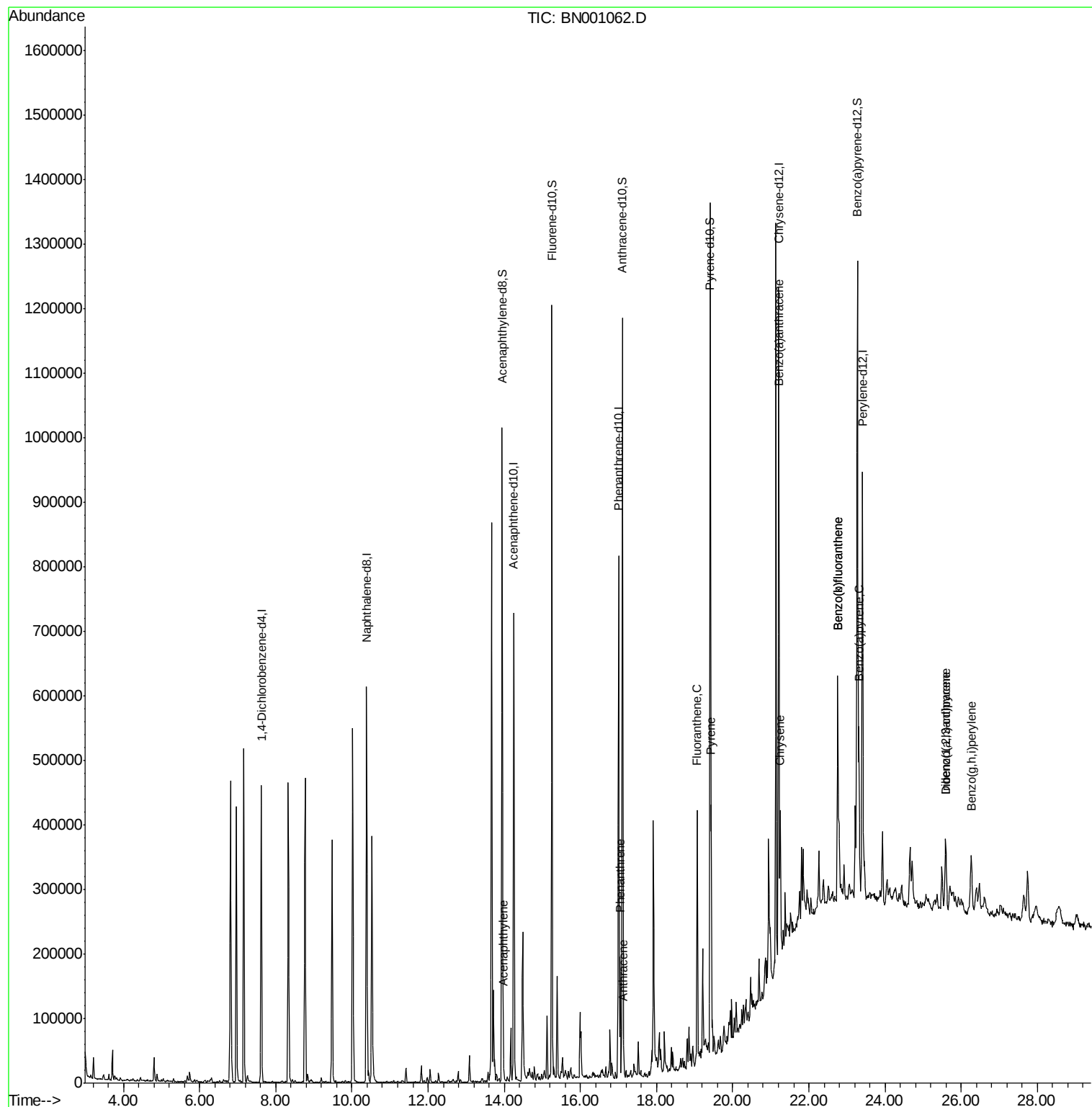
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	114754	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	475594	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	228072	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	425693	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	384881	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	414728	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	633480	28.92	ng/ul	0.00
10) Fluorene-d10	15.25	176	426265	29.16	ng/ul	0.00
14) Anthracene-d10	17.10	188	593216	30.47	ng/ul	0.00
18) Pyrene-d10	19.41	212	589846	29.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	648288	33.09	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	21879	1.009	ng/ul	98
13) Phenanthrene	17.05	178	98876	4.259	ng/ul	99
15) Anthracene	17.14	178	26421	1.135	ng/ul	98
16) Fluoranthene	19.07	202	197586	8.388	ng/ul#	94
19) Pyrene	19.44	202	188265	7.615	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	111409	4.842	ng/ul	94
21) Chrysene	21.25	228	115129	5.324	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	237390	10.072	ng/ul#	95
24) Benzo(k)fluoranthene	22.76	252	239804	10.398	ng/ul#	95
26) Benzo(a)pyrene	23.32	252	112595	4.999	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.59	276	85930	3.158	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.60	278	23569	1.039	ng/ul#	82
29) Benzo(a,h,i)perylene	26.26	276	85372	3.752	ng/ul#	94

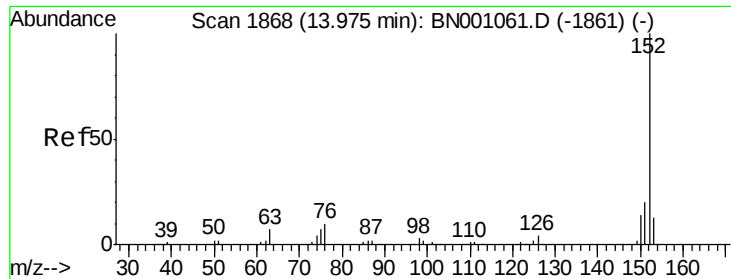
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001062.D
Acq On : 02 May 2018 10:15
Operator : JU/SJ
Sample : J2527-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 03 07:35:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.009 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

Instrument :

BNA_N

ClientSampleId :

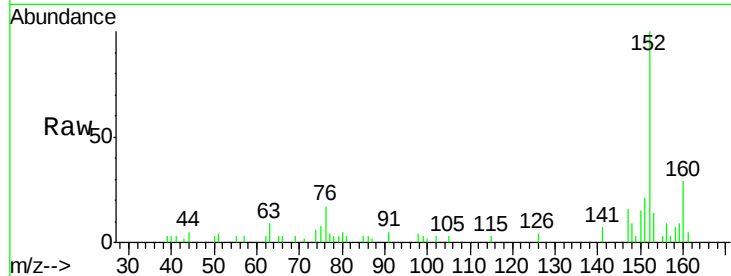
Tot Ion:152 Resp: 21879

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

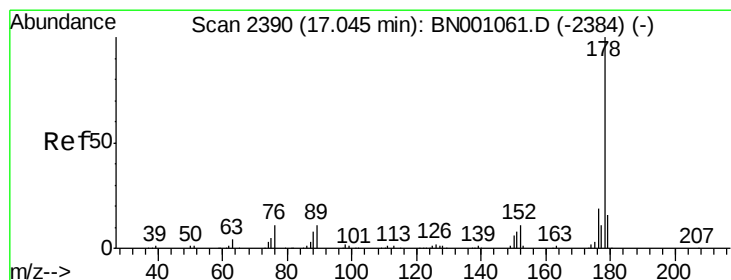
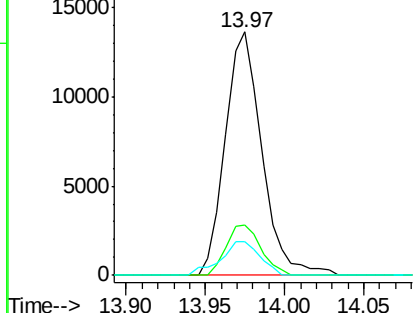
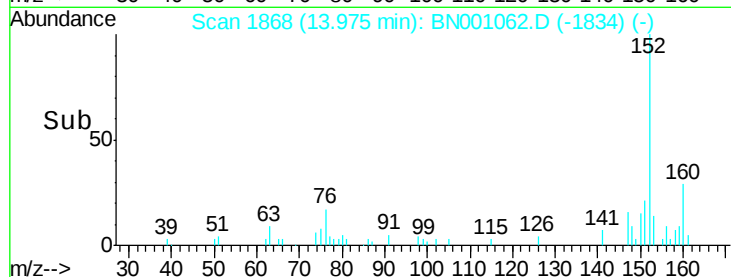
153 13.8 10.2 15.4



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



#13

Phenanthrene

Concen: 4.259 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

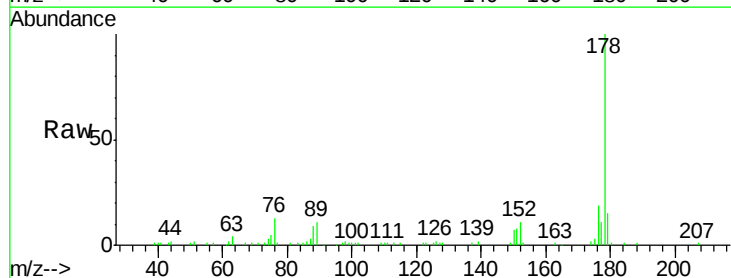
Tgt Ion:178 Resp: 98876

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

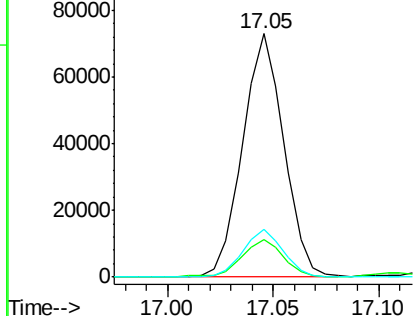
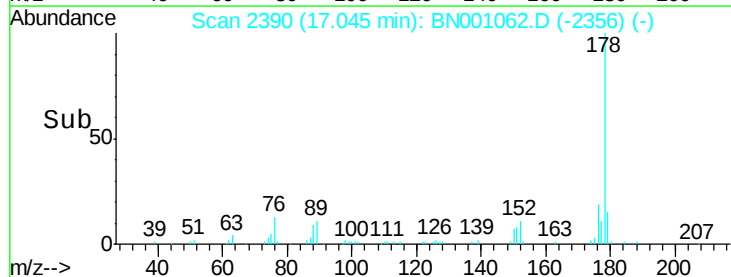
176 19.4 15.1 22.7

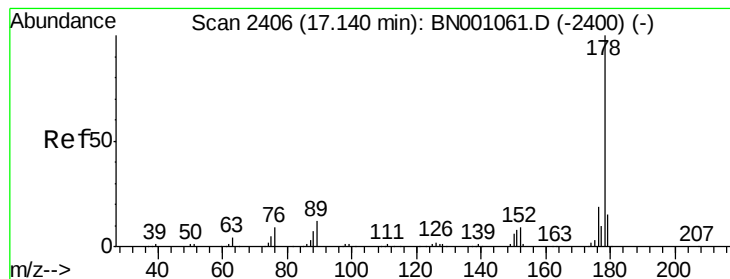


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.135 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

Instrument :

BNA_N

ClientSampled :

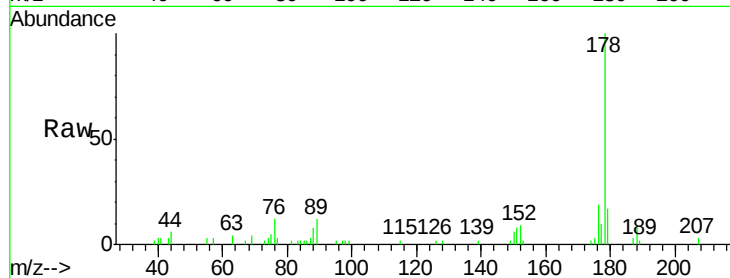
Tot Ion:178 Resp: 26421

Ion Ratio Lower Upper

178 100

179 16.5 11.8 17.8

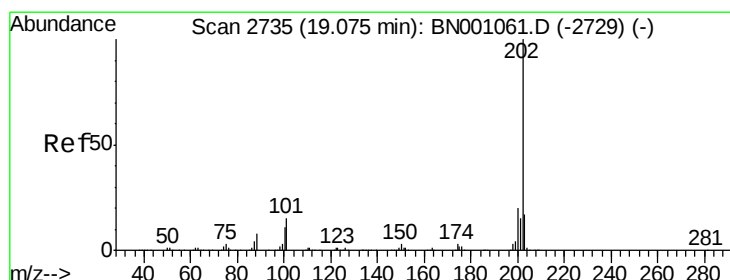
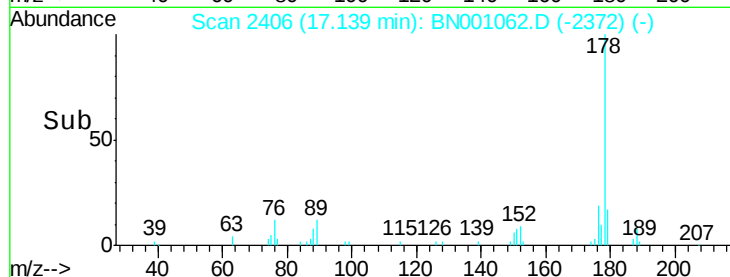
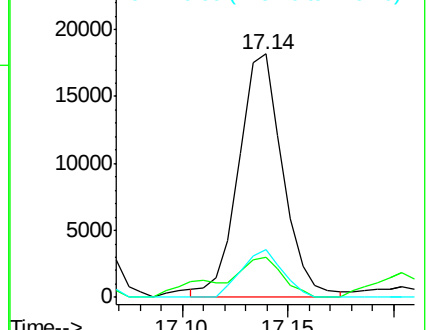
176 19.4 15.2 22.8



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



#16

Fluoranthene

Concen: 8.388 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

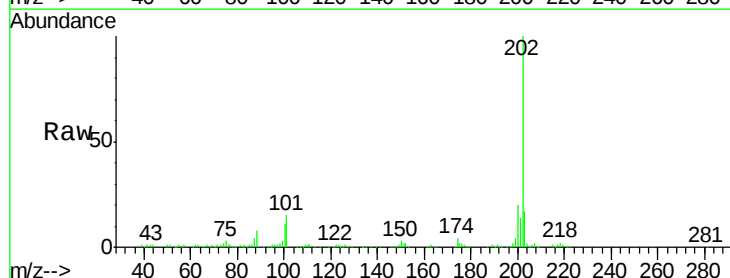
Tgt Ion:202 Resp: 197586

Ion Ratio Lower Upper

202 100

101 15.1 9.9 14.9#

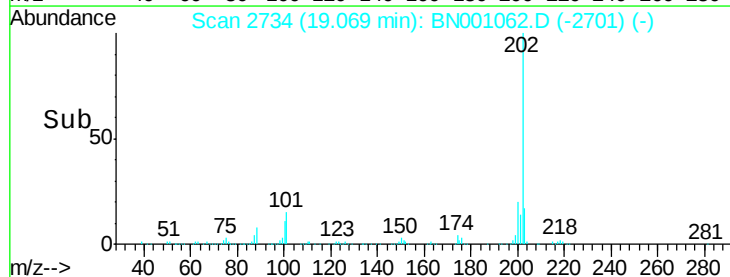
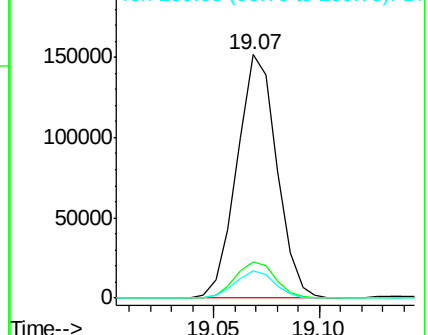
100 11.3 7.4 11.0#

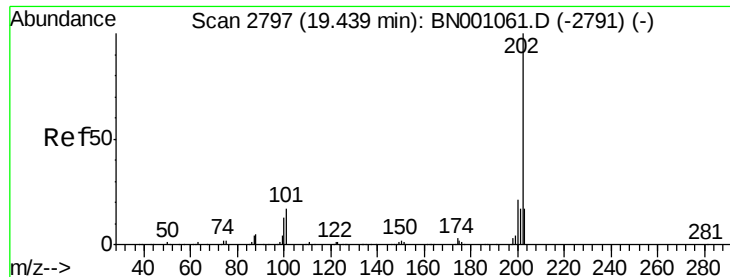


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 7.615 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

Instrument :

BNA_N

ClientSampleId :

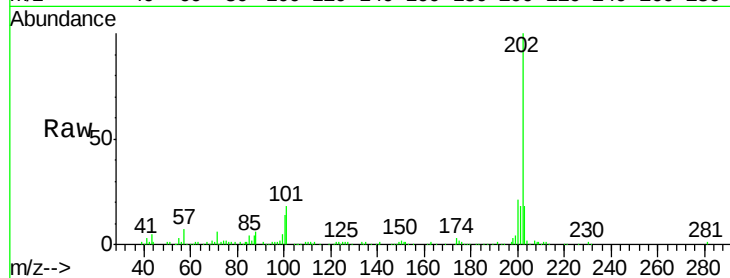
Tot Ion:202 Resp: 188265

Ion Ratio Lower Upper

202 100

101 17.7 11.0 16.4#

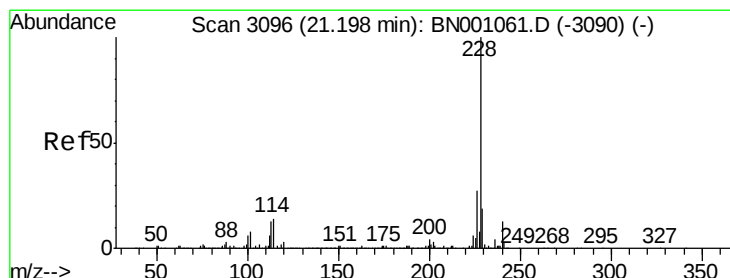
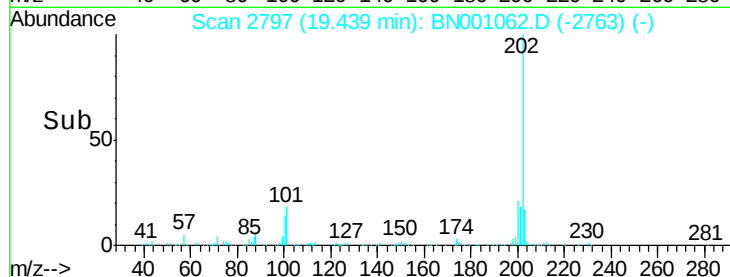
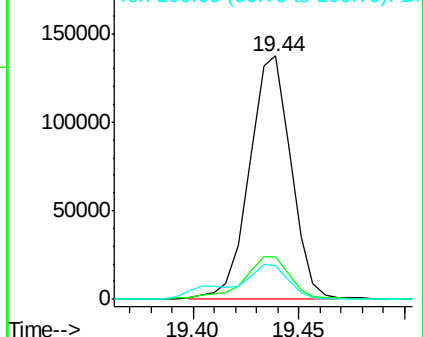
100 14.1 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 4.842 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

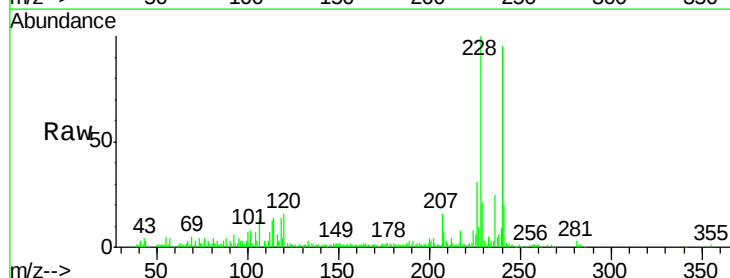
Tgt Ion:228 Resp: 111409

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

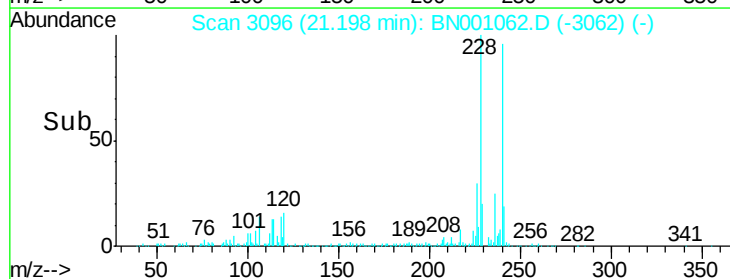
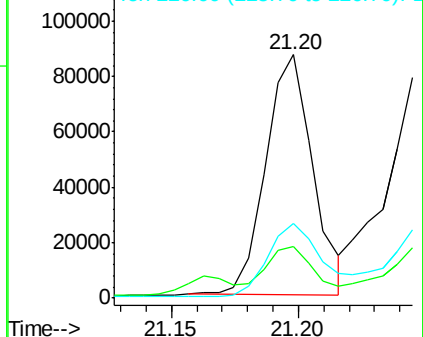
226 30.8 21.1 31.7

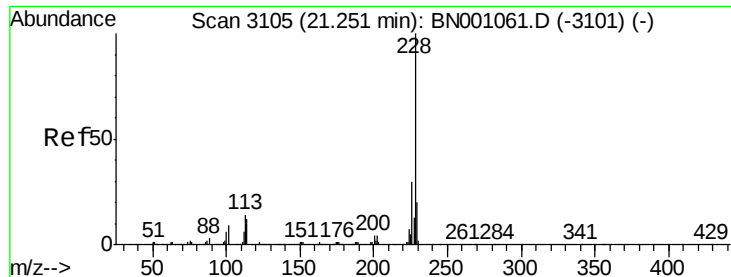


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 5.324 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

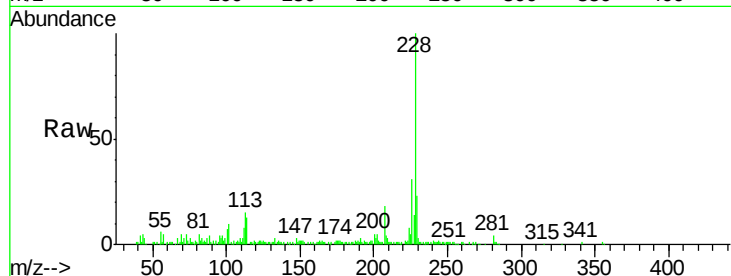
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 115129

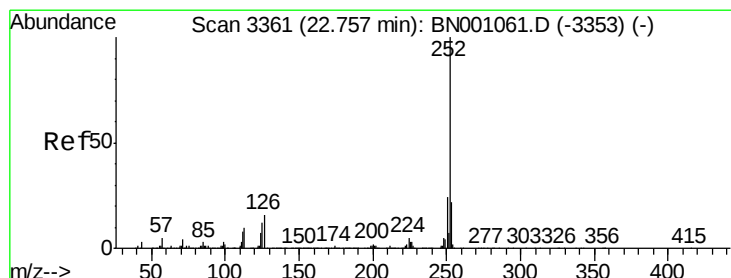
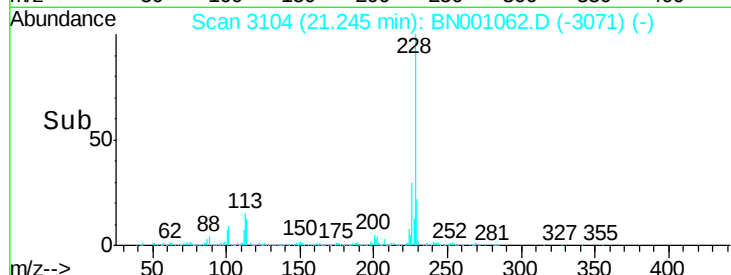
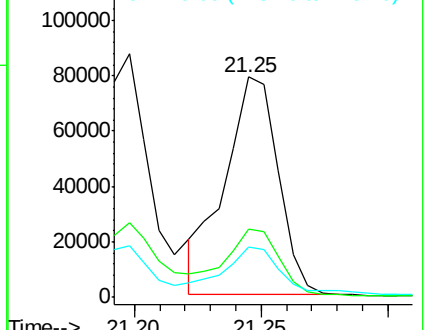
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	22.7	15.8	23.8



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



#23

Benzo(b)fluoranthene

Concen: 10.072 ng/ul

RT: 22.76 min Scan# 3361

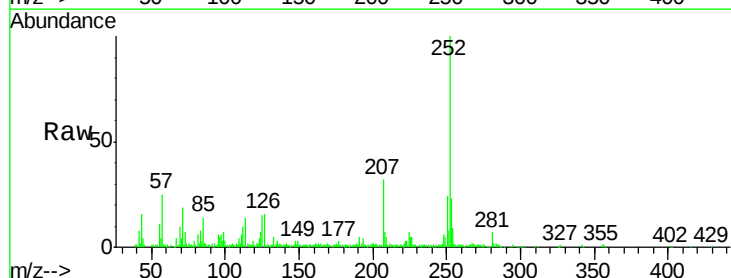
Delta R.T. -0.00 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

Tgt Ion:252 Resp: 237390

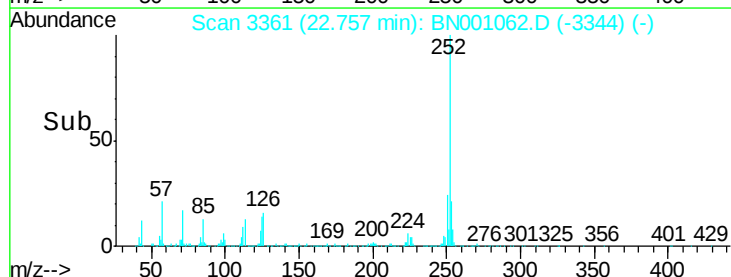
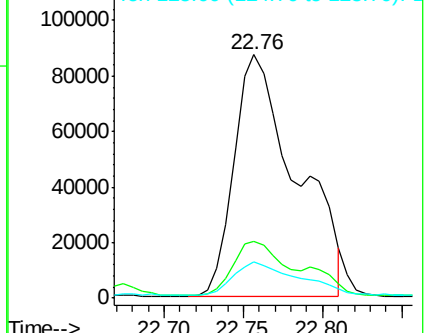
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.1	8.0	12.0

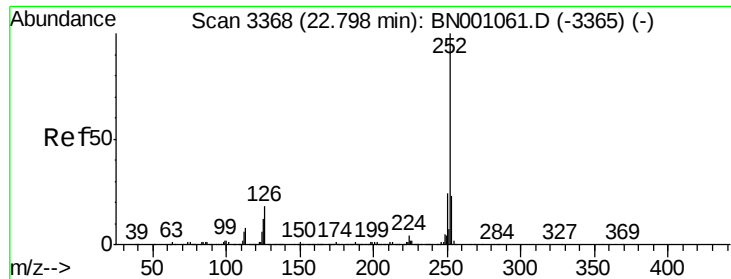


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

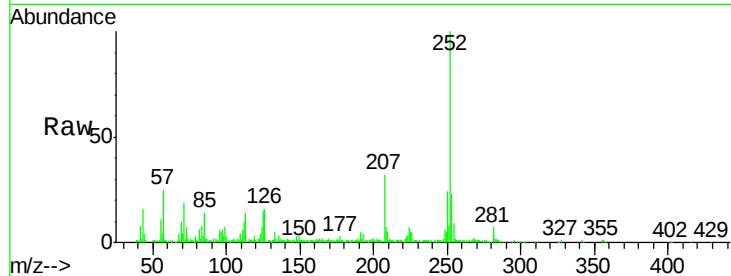




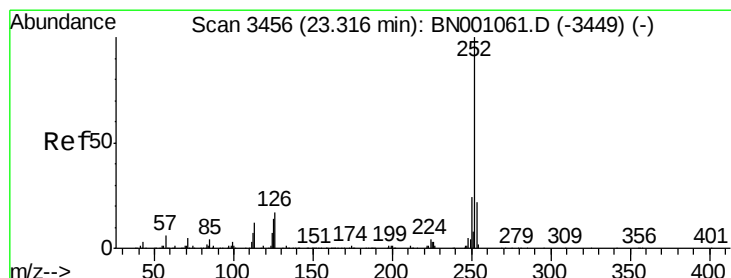
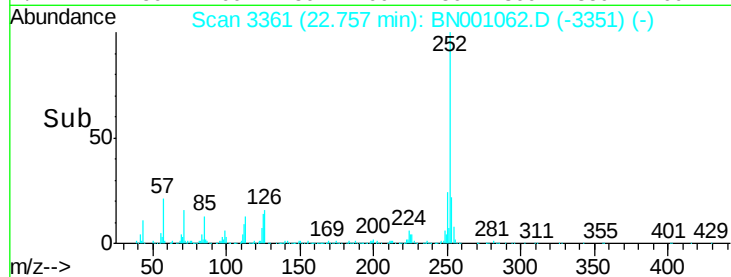
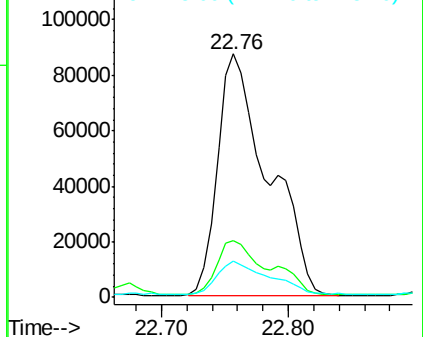
#24
Benzo(k)fluoranthene
Concen: 10.398 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.1	8.1	12.1

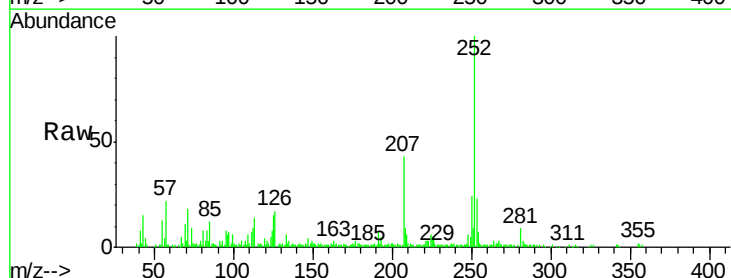


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

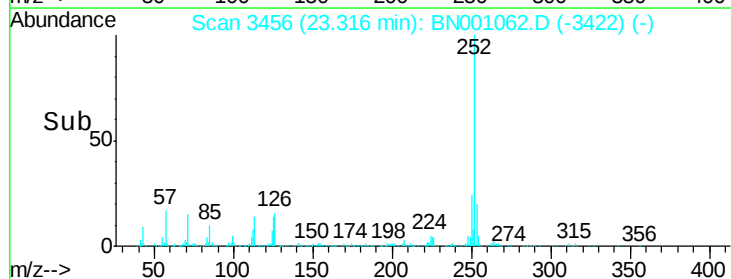
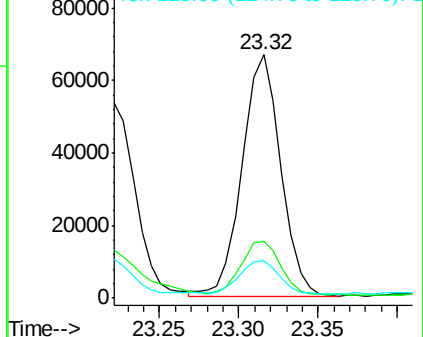


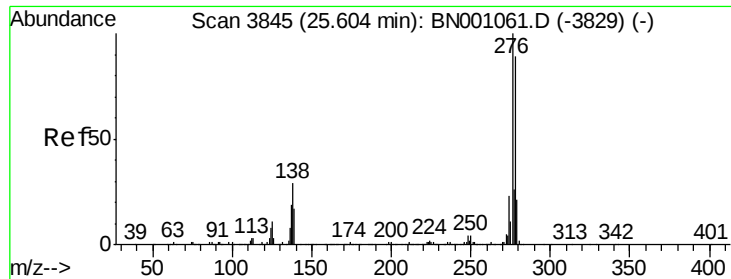
#26
Benzo(a)pyrene
Concen: 4.999 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001062.D
Acq: 02 May 2018 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	15.4	8.2	12.4



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

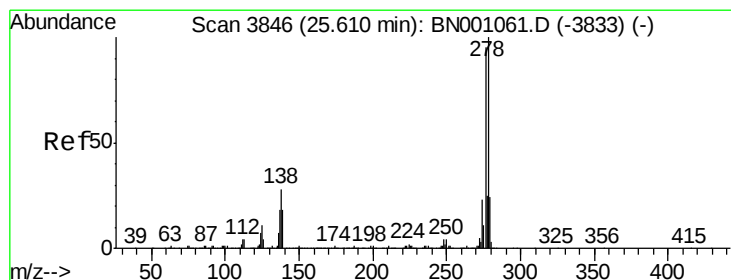
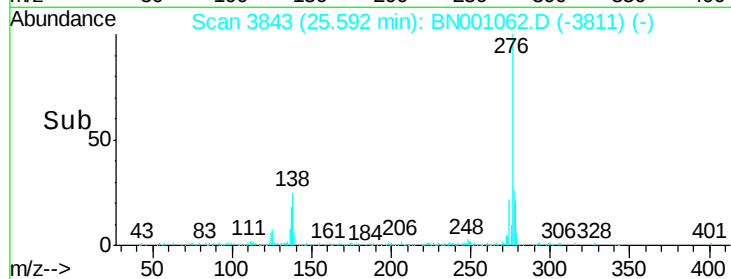
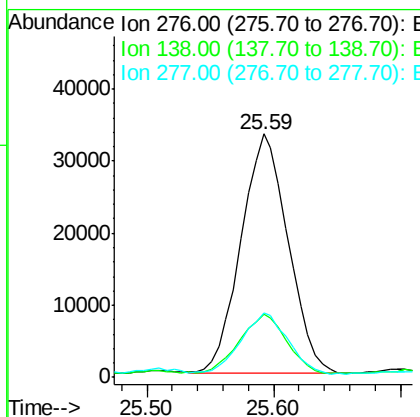
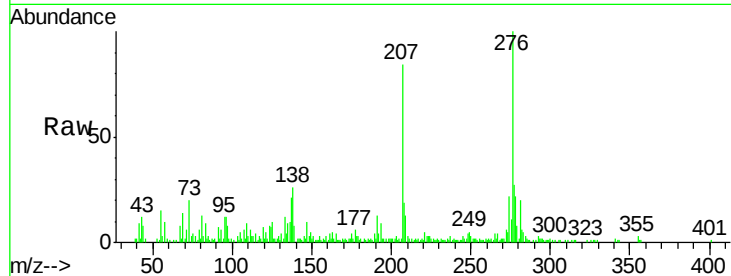




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.158 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN001062.D
 Acq: 02 May 2018 10:15

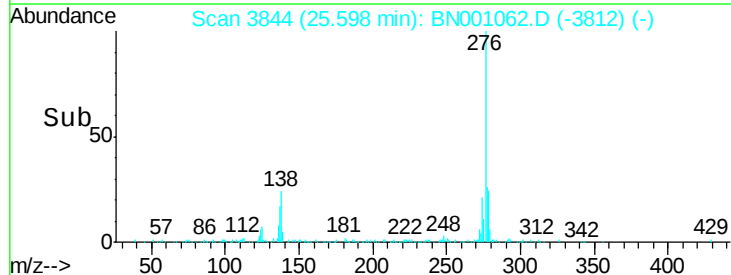
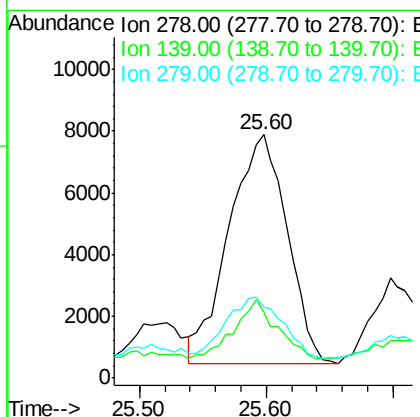
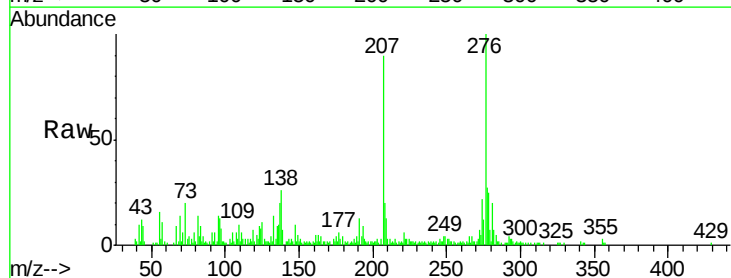
Instrument :
 BNA_N
 ClientSampleId :

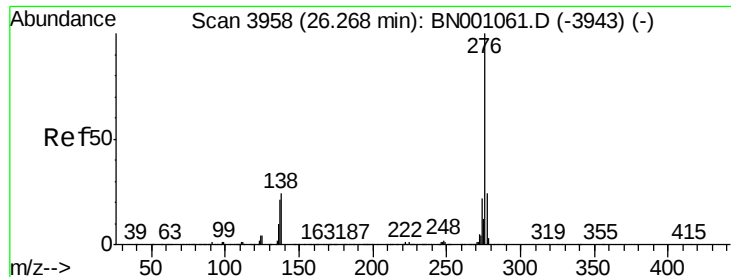
Tot Ion:276 Resp: 85930
 Ion Ratio Lower Upper
 276 100
 138 26.1 14.4 21.6#
 277 26.7 18.0 27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 1.039 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BN001062.D
 Acq: 02 May 2018 10:15

Tgt Ion:278 Resp: 23569
 Ion Ratio Lower Upper
 278 100
 139 27.2 12.2 18.4#
 279 29.2 19.2 28.8#





#29

Benzo(a,h,i)perylene

Concen: 3.752 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.01 min

Lab File: BN001062.D

Acq: 02 May 2018 10:15

Instrument :

BNA_N

ClientSampleId :

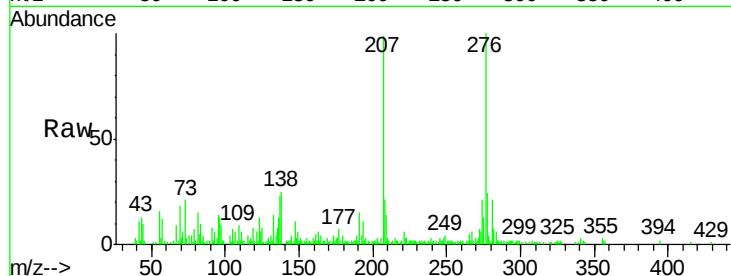
Tot Ion:276 Resp: 85372

Ion Ratio Lower Upper

276 100

138 24.8 15.3 22.9#

277 24.1 19.0 28.4



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

