

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000865.D
 Acq On : 24 Apr 2018 23:45
 Operator : JU/SJ
 Sample : J2443-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 07:54:56 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 07:49:48 2018
 Response via : Initial Calibration

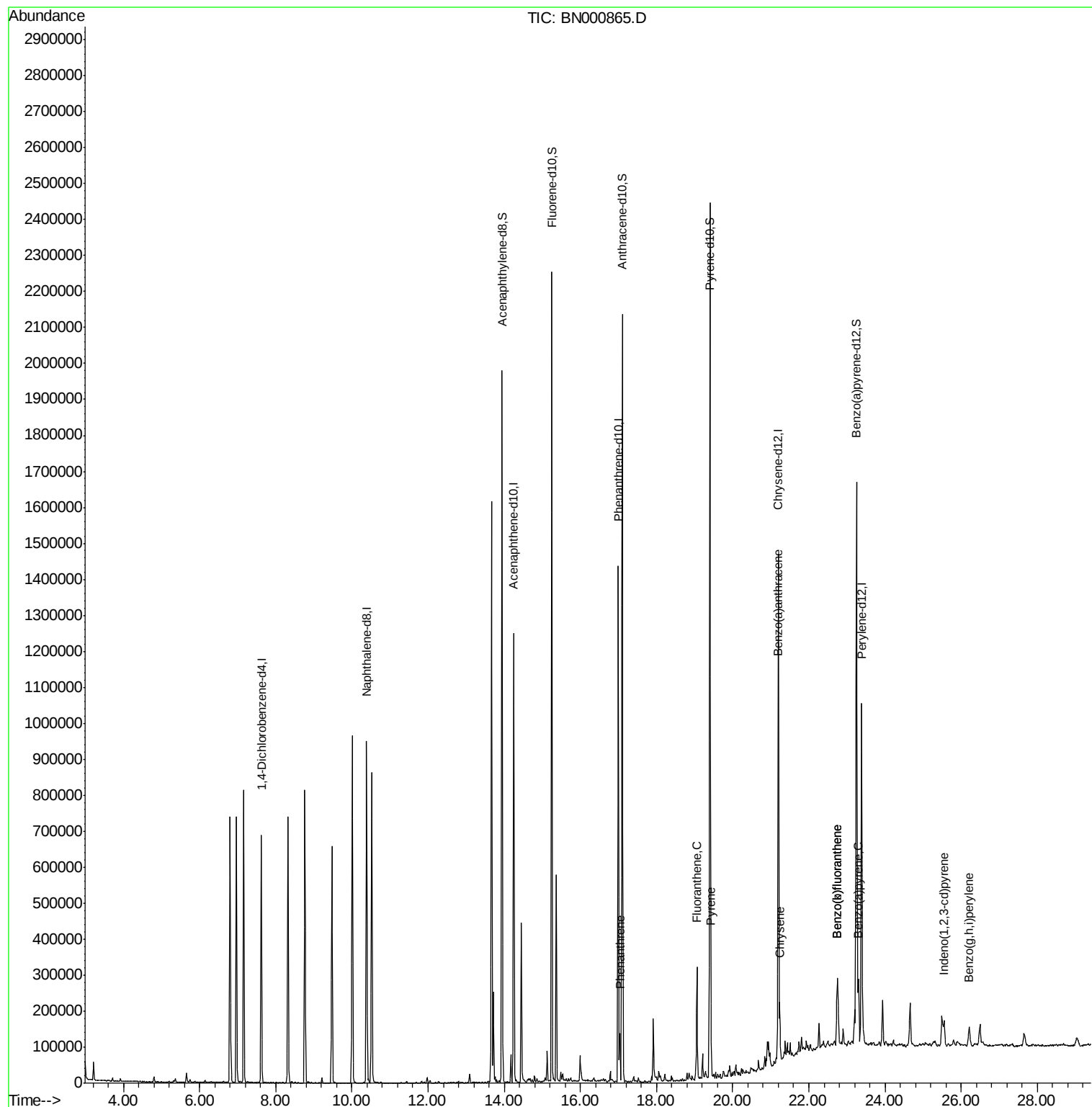
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	169911	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	759605	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	389283	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	744678	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	573129	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	580716	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	1288539	34.47	ng/ul	0.00
10) Fluorene-d10	15.25	176	830295	33.27	ng/ul	0.00
14) Anthracene-d10	17.10	188	1122213	32.95	ng/ul	0.00
18) Pyrene-d10	19.40	212	1090735	37.14	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	918757	33.49	ng/ul	-0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	74171	1.826	ng/ul	98
16) Fluoranthene	19.06	202	167840	4.073	ng/ul	95
19) Pyrene	19.43	202	146402	3.977	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	80217	2.341	ng/ul	95
21) Chrysene	21.24	228	78595	2.441	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	159735	4.840	ng/ul#	97
24) Benzo(k)fluoranthene	22.74	252	163265	5.056	ng/ul#	97
26) Benzo(a)pyrene	23.29	252	79116	2.508	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.55	276	57280	1.504	ng/ul#	87
29) Benzo(g,h,i)perylene	26.21	276	54070	1.697	ng/ul#	88

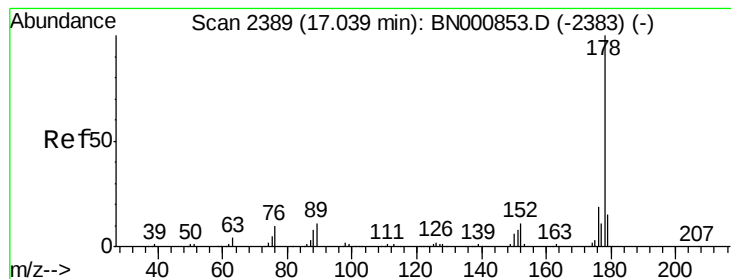
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.826 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

Instrument :

BNA_N

ClientSampleId :

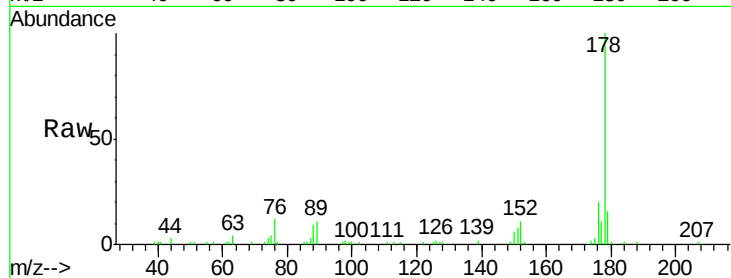
Tot Ion:178 Resp: 74171

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

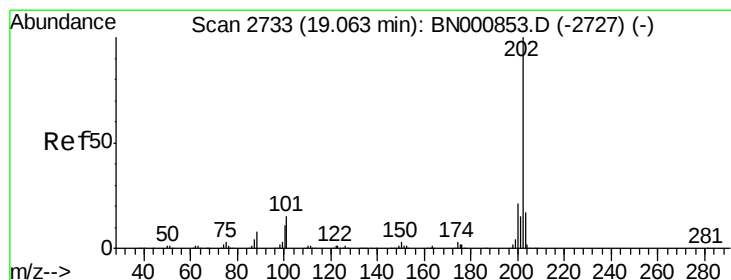
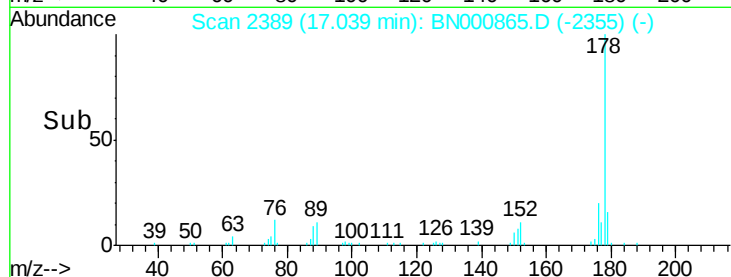
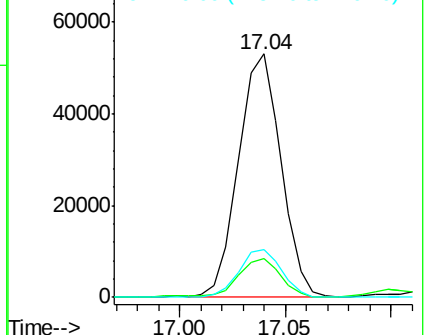
176 19.8 15.1 22.7



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



#16

Fluoranthene

Concen: 4.073 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

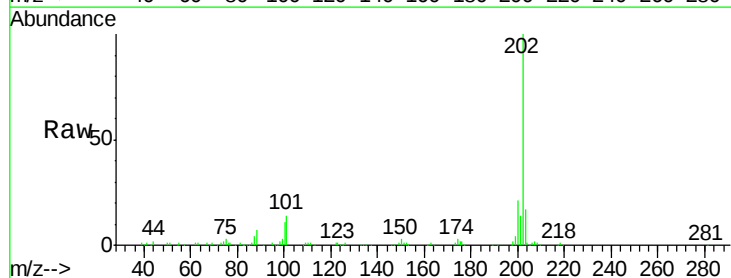
Tgt Ion:202 Resp: 167840

Ion Ratio Lower Upper

202 100

101 14.3 9.9 14.9

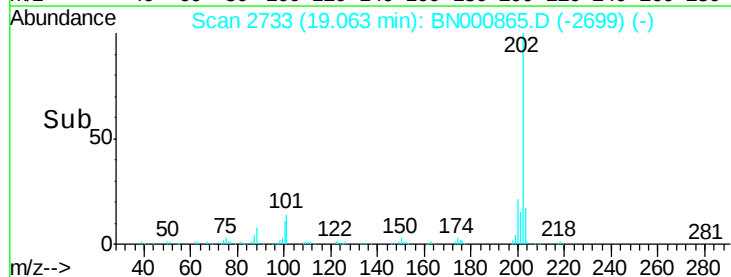
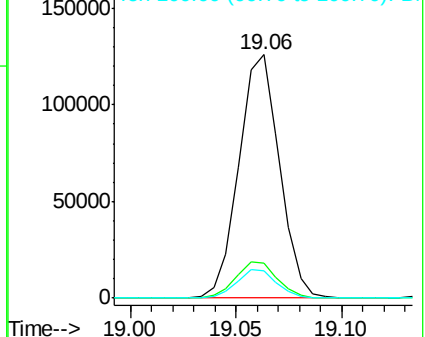
100 11.0 7.4 11.0

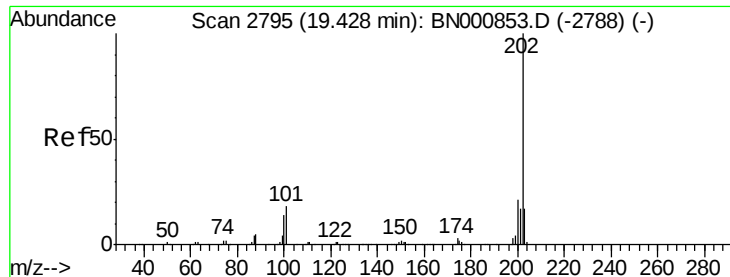


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.977 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

Instrument :

BNA_N

ClientSampled :

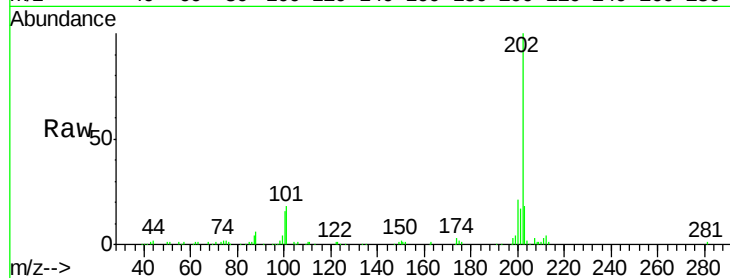
Tot Ion:202 Resp: 146402

Ion Ratio Lower Upper

202 100

101 18.0 11.0 16.4#

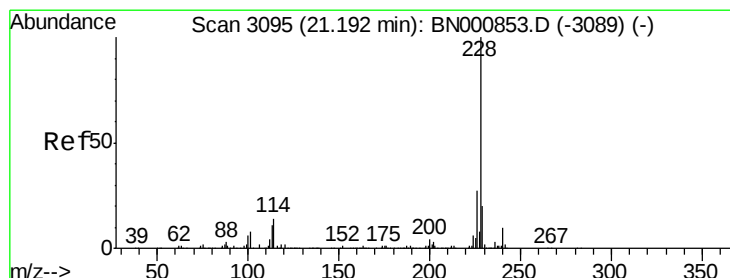
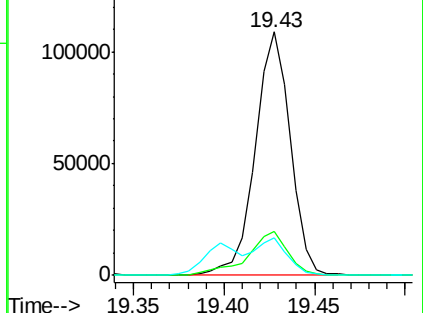
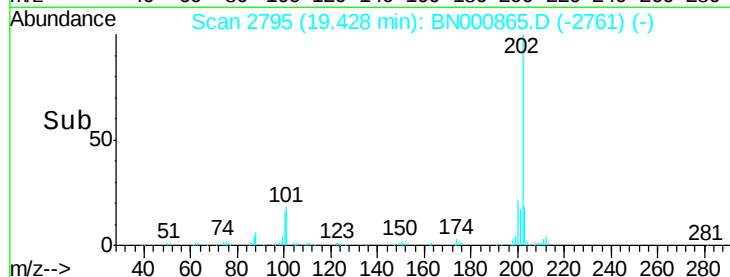
100 15.7 8.1 12.1#



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: 2.341 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

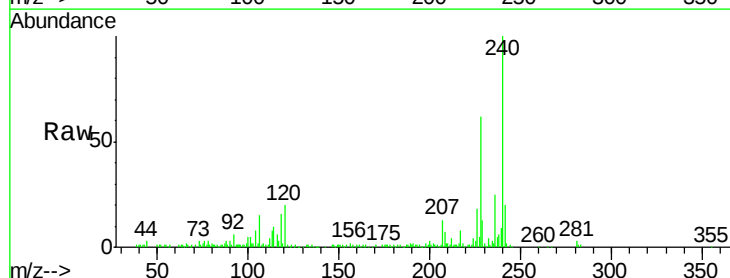
Tgt Ion:228 Resp: 80217

Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

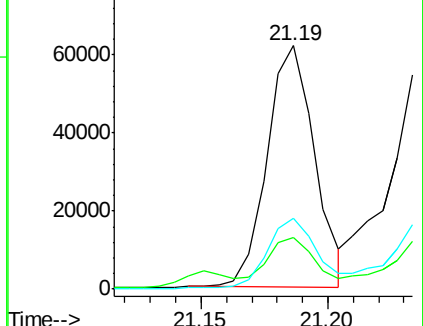
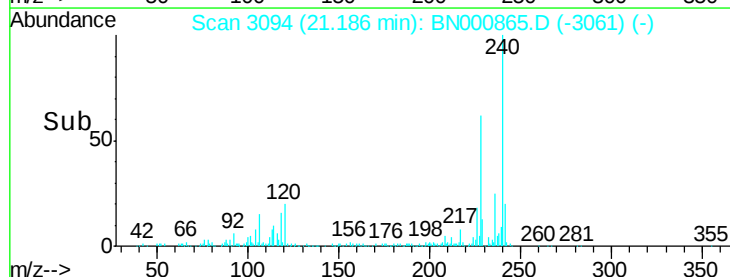
226 29.3 21.1 31.7

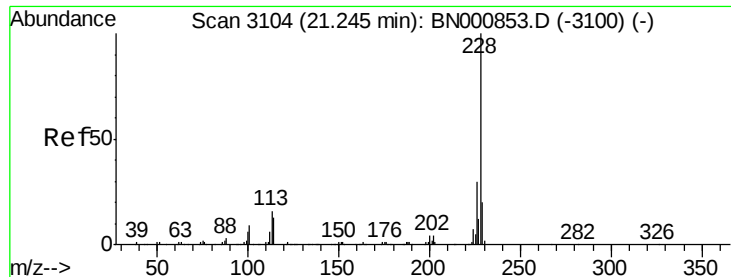


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.441 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

Instrument :

BNA_N

ClientSampleId :

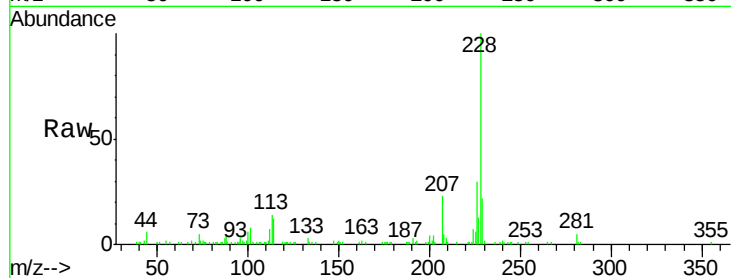
Tot Ion:228 Resp: 78595

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

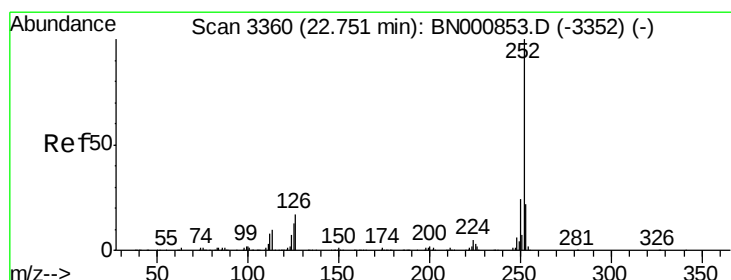
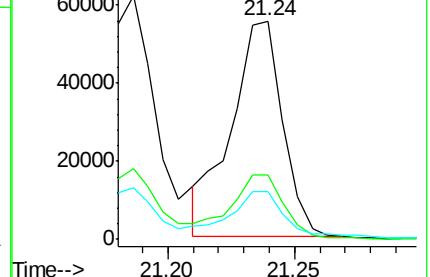
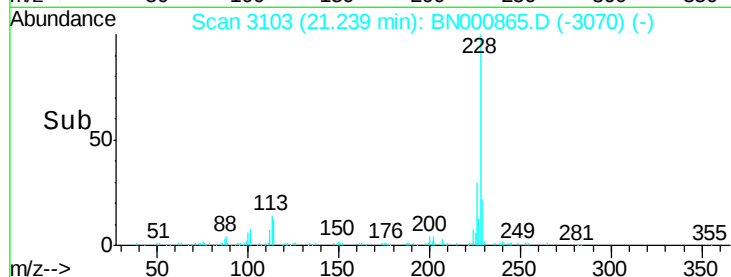
229 22.0 15.8 23.8



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: 4.840 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

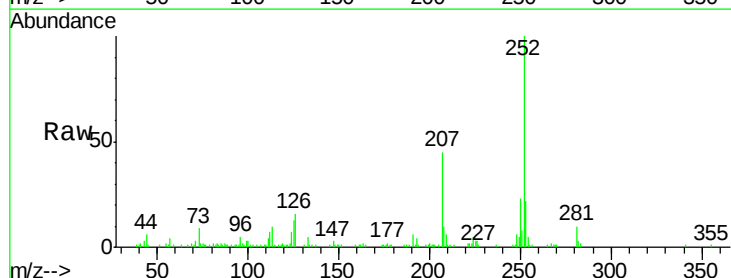
Tgt Ion:252 Resp: 159735

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

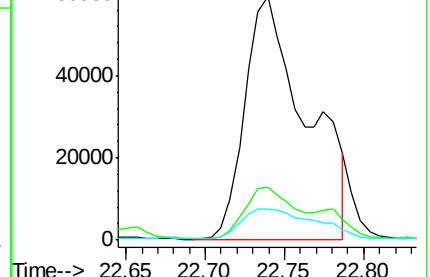
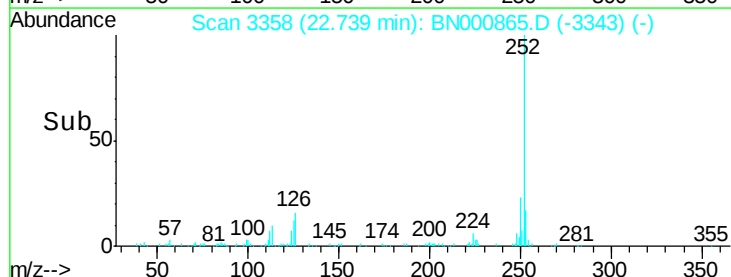
125 12.8 8.0 12.0#

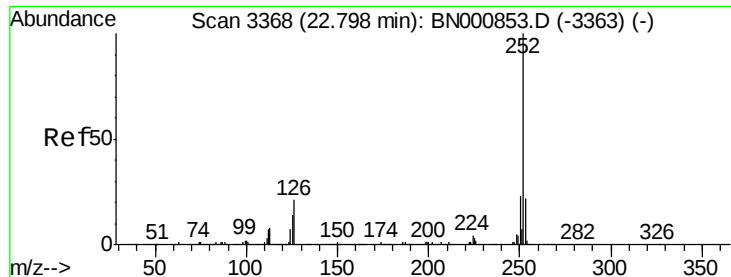


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 5.056 ng/u1

RT: 22.74 min Scan# 3358

Delta R.T. -0.06 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

Instrument :

BNA_N

ClientSampleId :

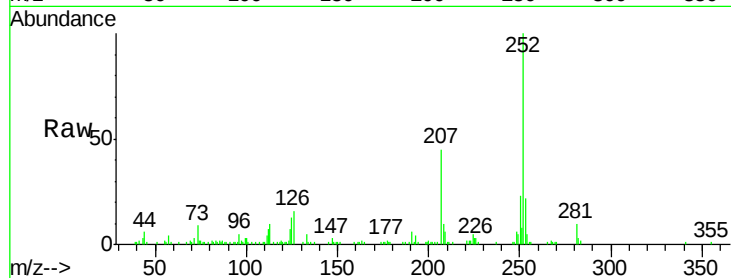
Tot Ion:252 Resp: 163265

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

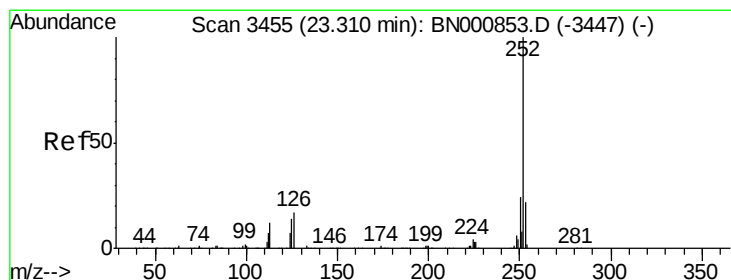
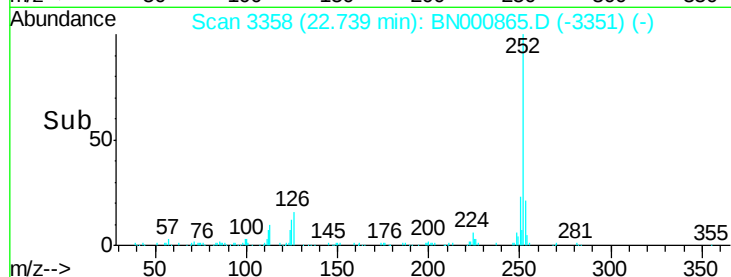
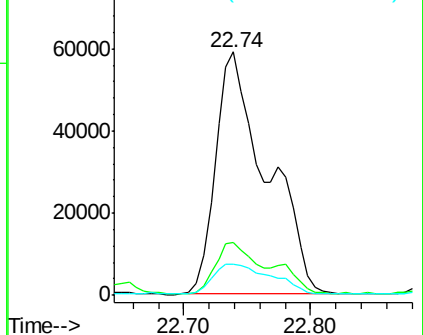
125 12.8 8.1 12.1#



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: 2.508 ng/u1

RT: 23.29 min Scan# 3452

Delta R.T. -0.02 min

Lab File: BN000865.D

Acq: 24 Apr 2018 23:45

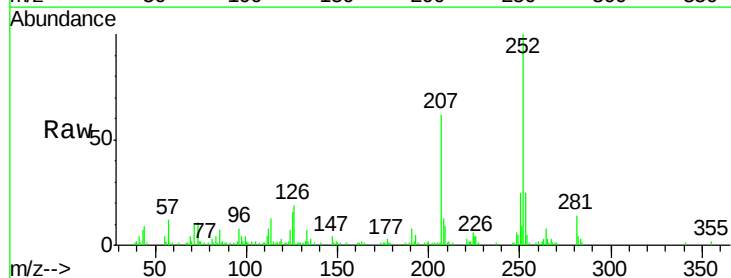
Tgt Ion:252 Resp: 79116

Ion Ratio Lower Upper

252 100

253 24.6 17.2 25.8

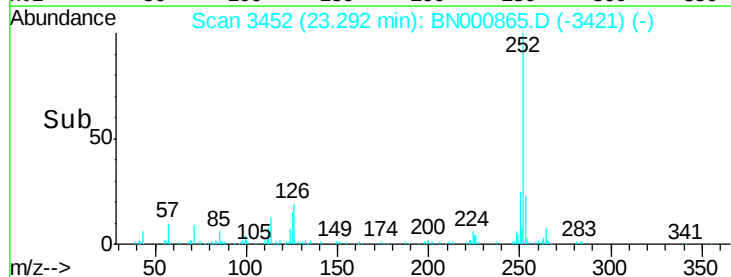
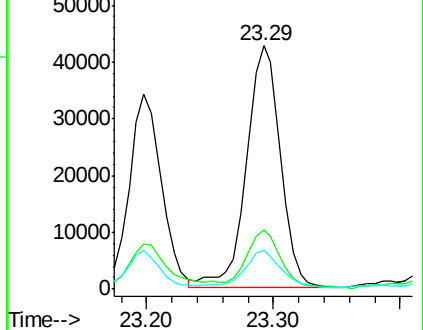
125 15.9 8.2 12.4#

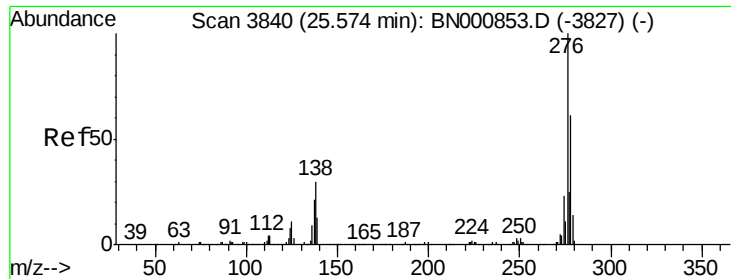


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

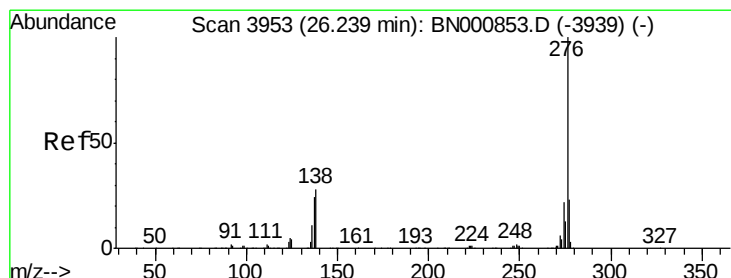
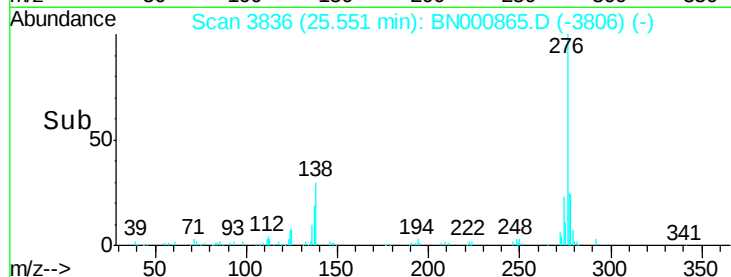
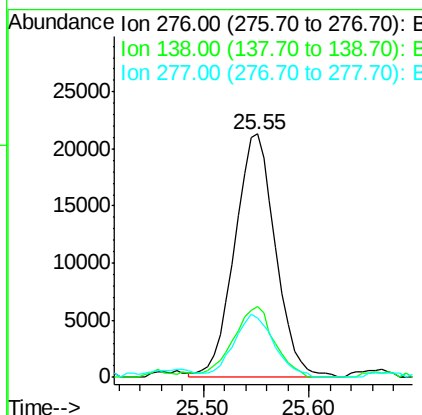
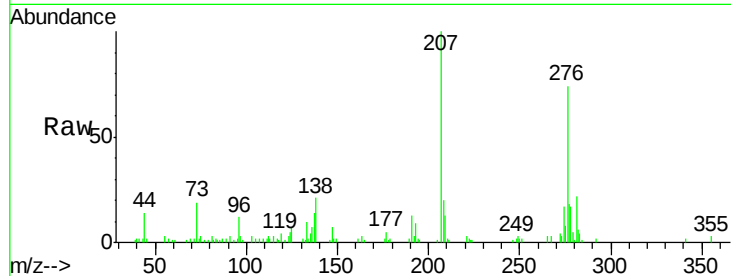




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.504 ng/ul
 RT: 25.55 min Scan# 3836
 Delta R.T. -0.02 min
 Lab File: BN000865.D
 Acq: 24 Apr 2018 23:45

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 57280
 Ion Ratio Lower Upper
 276 100
 138 29.0 14.4 21.6#
 277 24.1 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.697 ng/ul
 RT: 26.21 min Scan# 3948
 Delta R.T. -0.03 min
 Lab File: BN000865.D
 Acq: 24 Apr 2018 23:45

Tgt Ion:276 Resp: 54070
 Ion Ratio Lower Upper
 276 100
 138 28.8 15.3 22.9#
 277 25.8 19.0 28.4

