

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000874.D
 Acq On : 25 Apr 2018 04:56
 Operator : JU/SJ
 Sample : J2487-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 08:37:59 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

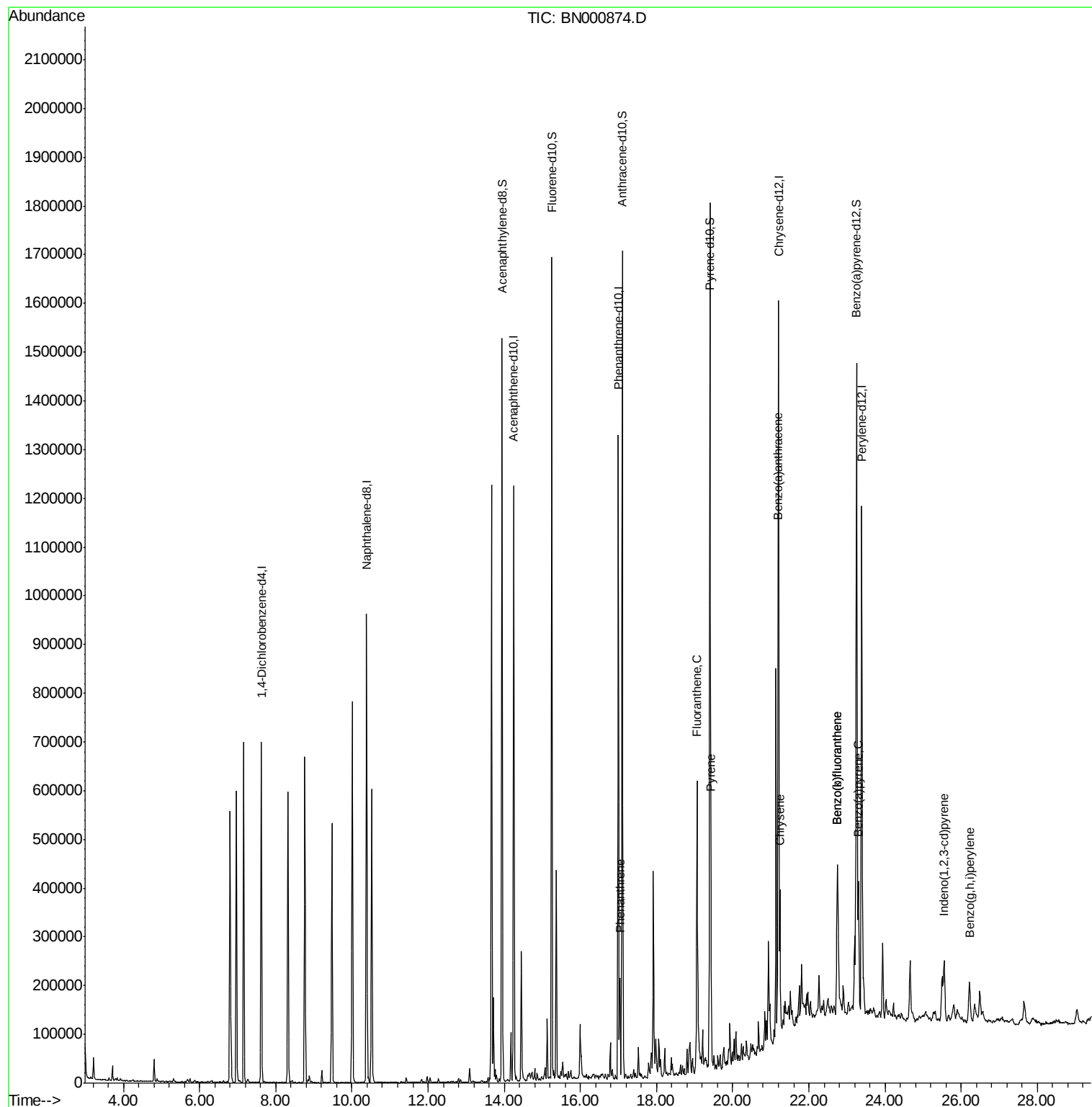
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	173718	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	752417	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	368390	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	692222	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	601372	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	634403	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	925244	26.15	ng/ul	0.00
10) Fluorene-d10	15.25	176	621015	26.30	ng/ul	0.00
14) Anthracene-d10	17.10	188	835893	26.41	ng/ul	0.00
18) Pyrene-d10	19.40	212	825468	26.79	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	869357	29.01	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	111528	2.954	ng/ul	100
16) Fluoranthene	19.06	202	293979	7.675	ng/ul#	93
19) Pyrene	19.43	202	249296	6.454	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	147597	4.106	ng/ul	97
21) Chrysene	21.24	228	150669	4.459	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	272589	7.561	ng/ul#	96
24) Benzo(k)fluoranthene	22.74	252	275690	7.815	ng/ul#	96
26) Benzo(a)pyrene	23.30	252	139726	4.055	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.55	276	97173	2.335	ng/ul#	88
29) Benzo(g,h,i)perylene	26.22	276	88608	2.546	ng/ul#	89

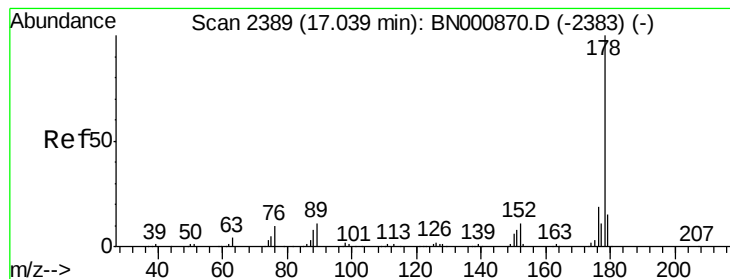
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.954 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

Instrument :

BNA_N

ClientSampleId :

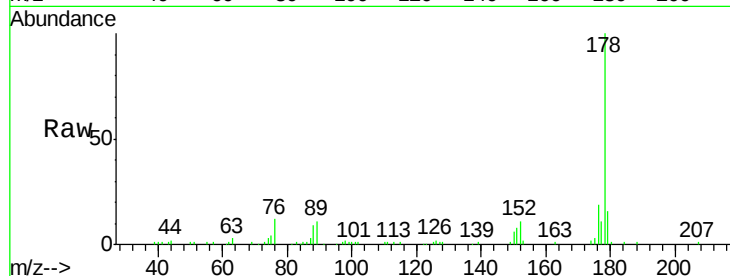
Tot Ion:178 Resp: 111528

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

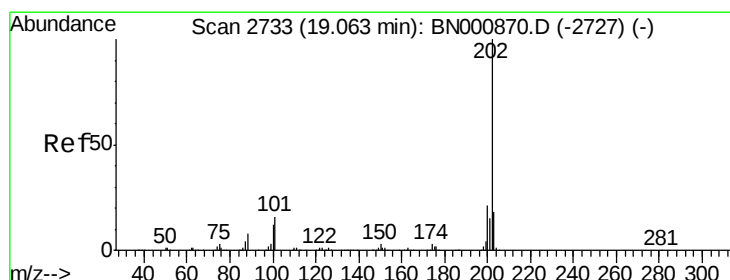
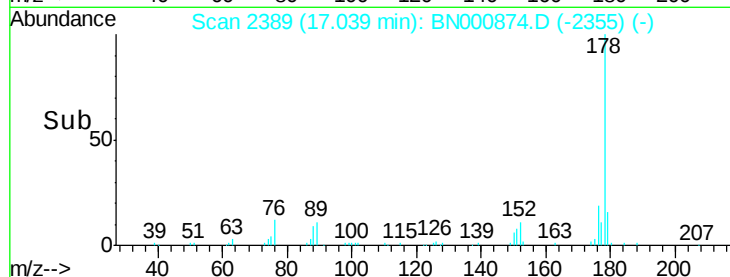
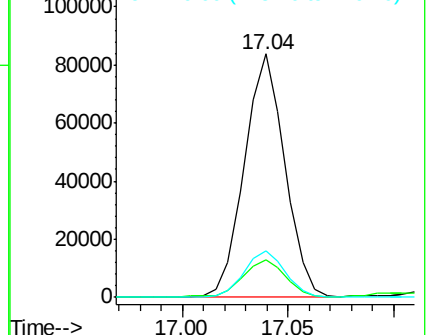
176 19.0 15.1 22.7



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: 7.675 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

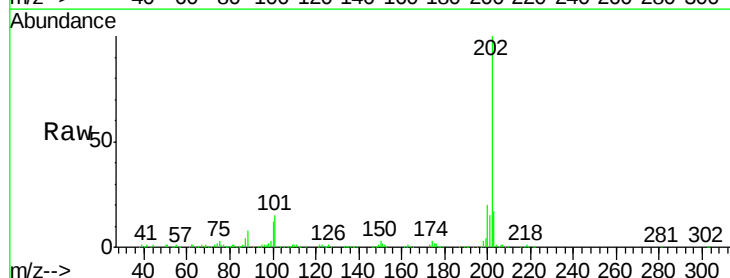
Tgt Ion:202 Resp: 293979

Ion Ratio Lower Upper

202 100

101 15.1 9.9 14.9#

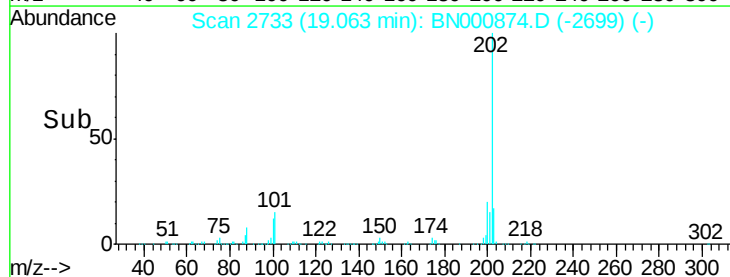
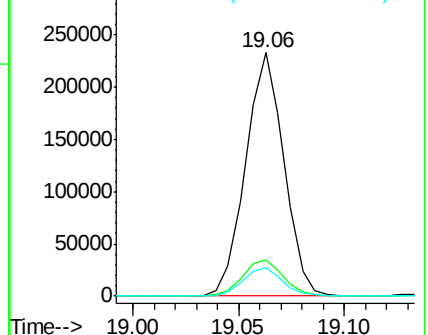
100 11.7 7.4 11.0#

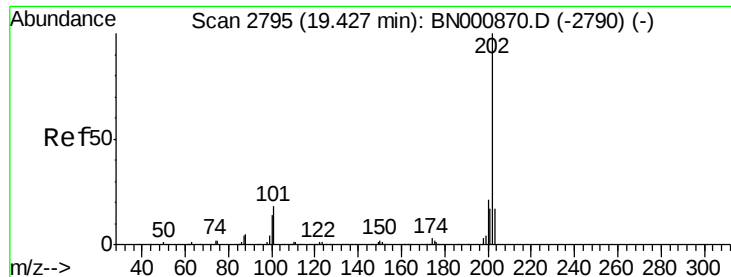


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 6.454 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

Instrument :

BNA_N

ClientSampleId :

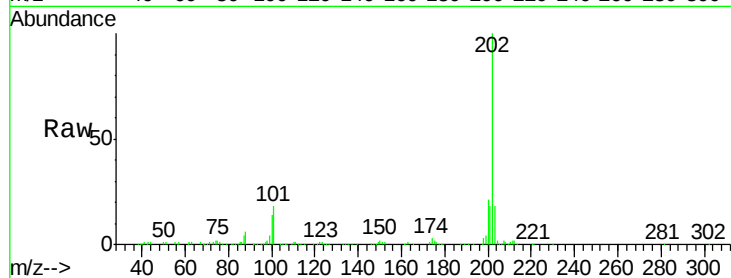
Tot Ion:202 Resp: 249296

Ion Ratio Lower Upper

202 100

101 17.9 11.0 16.4#

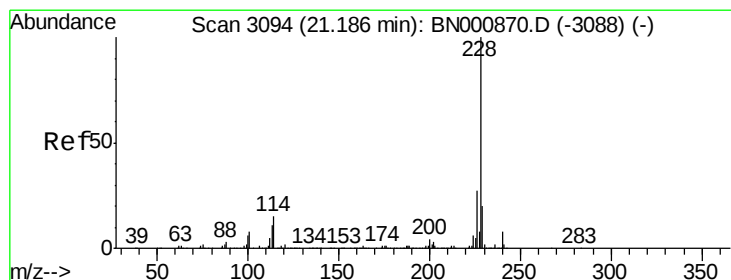
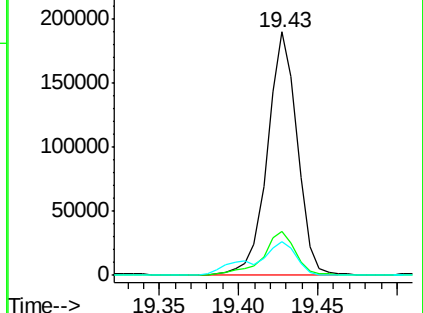
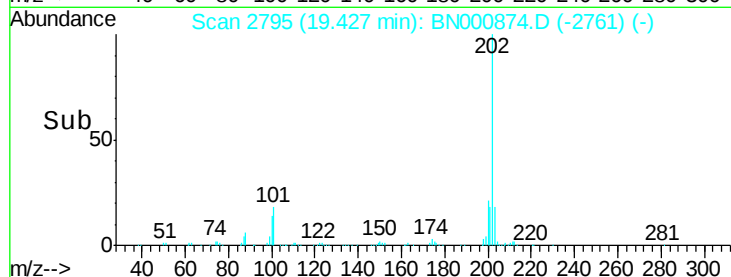
100 13.9 8.1 12.1#



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: 4.106 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

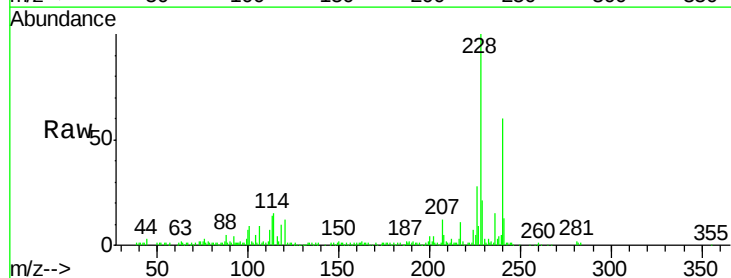
Tgt Ion:228 Resp: 147597

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

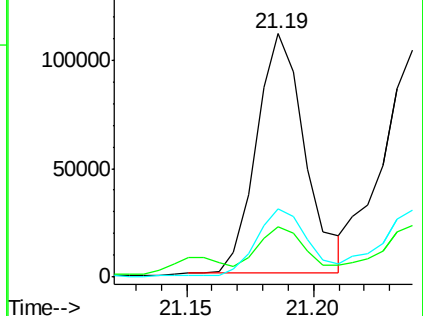
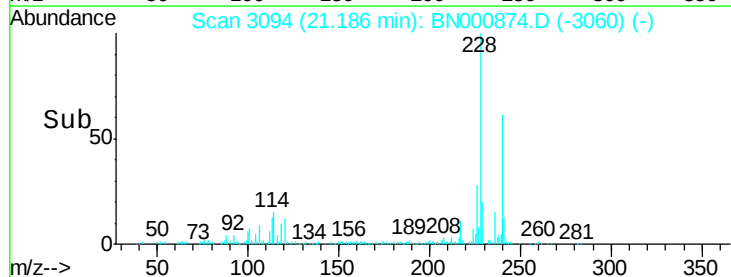
226 27.9 21.1 31.7

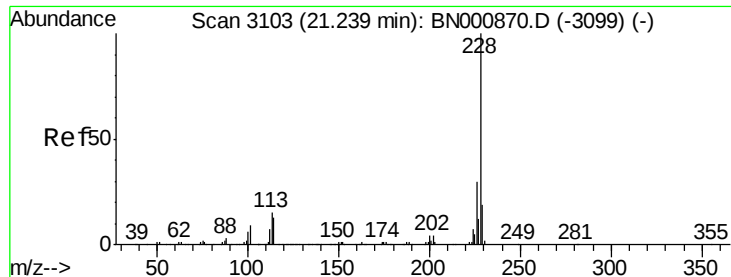


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.459 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

Instrument :

BNA_N

ClientSampleId :

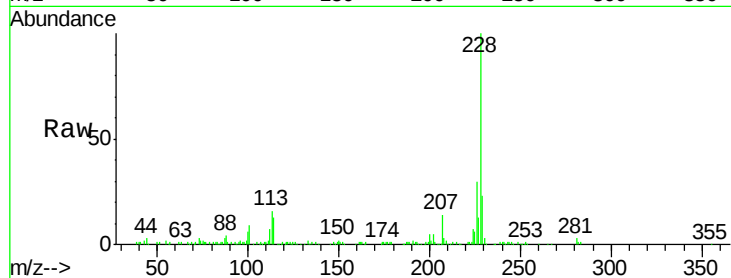
Tot Ion:228 Resp: 150669

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

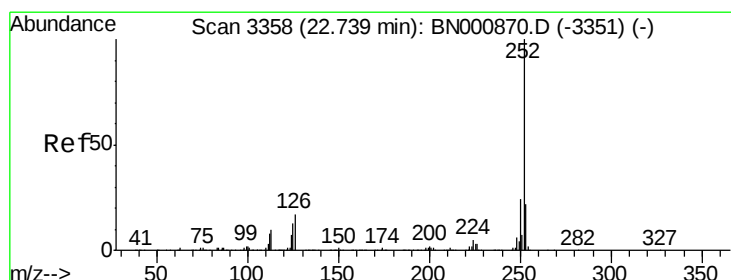
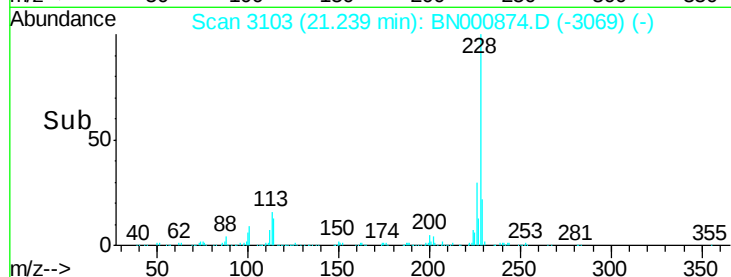
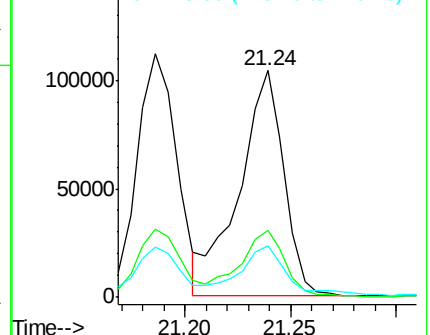
229 22.8 15.8 23.8



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: 7.561 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

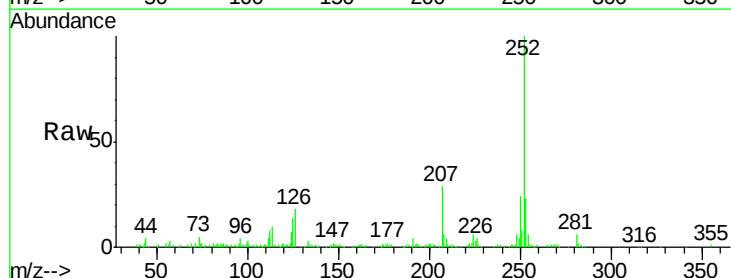
Tgt Ion:252 Resp: 272589

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

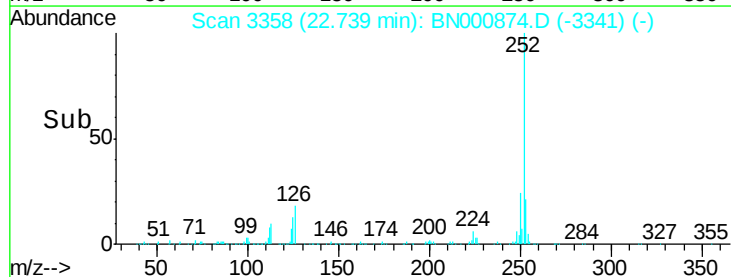
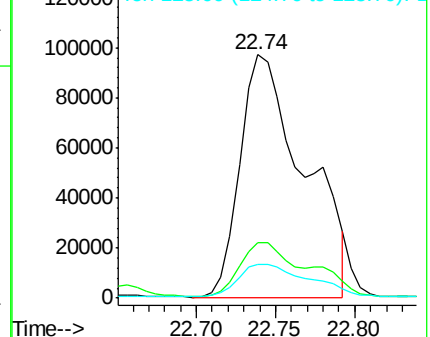
125 13.9 8.0 12.0#

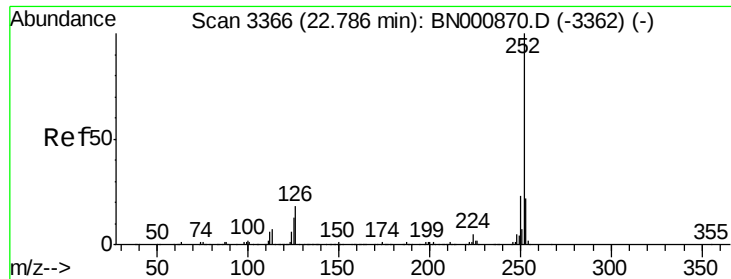


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 7.815 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

Instrument :

BNA_N

ClientSampleId :

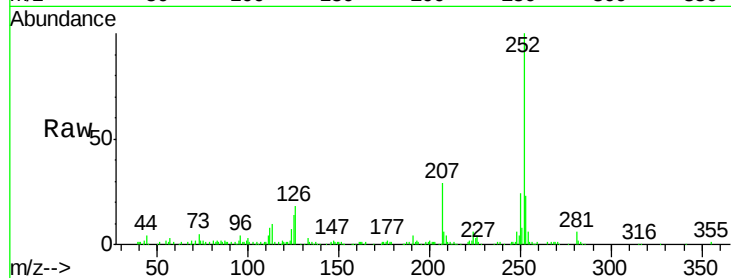
Tot Ion:252 Resp: 275690

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

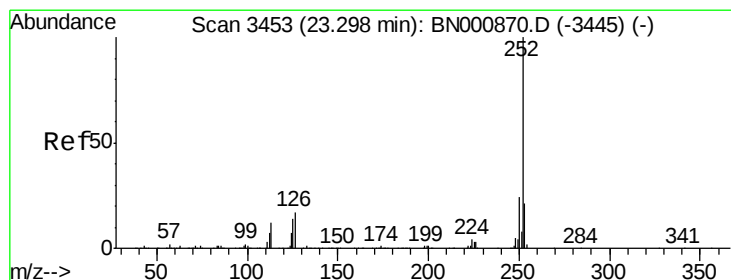
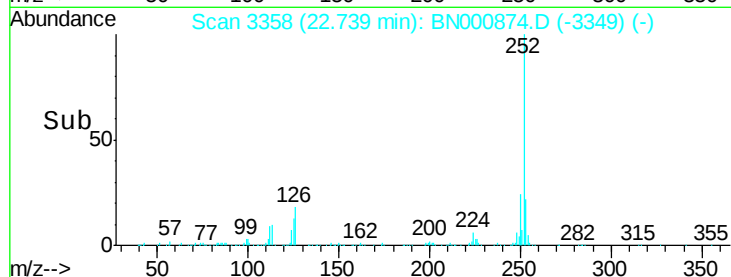
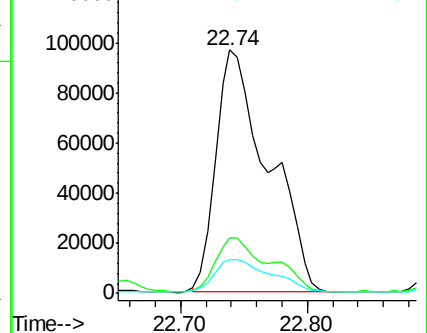
125 13.9 8.1 12.1#



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: 4.055 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BN000874.D

Acq: 25 Apr 2018 04:56

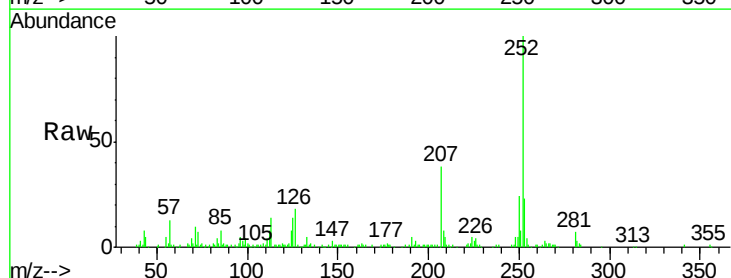
Tgt Ion:252 Resp: 139726

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

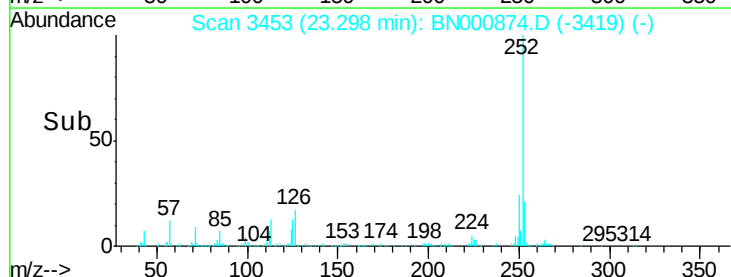
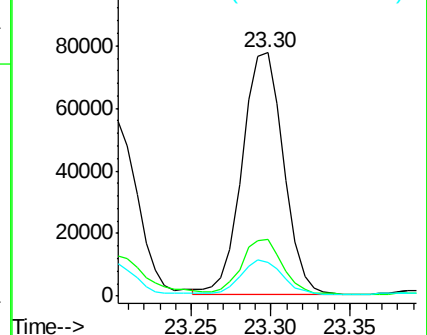
125 14.0 8.2 12.4#

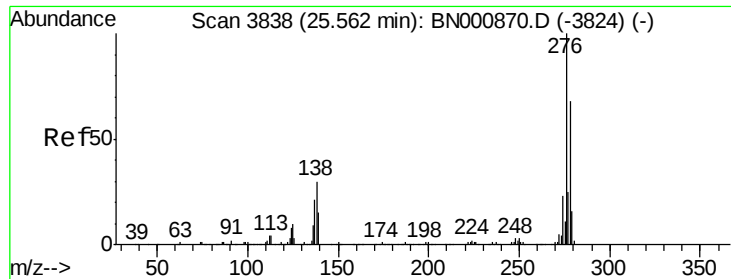


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



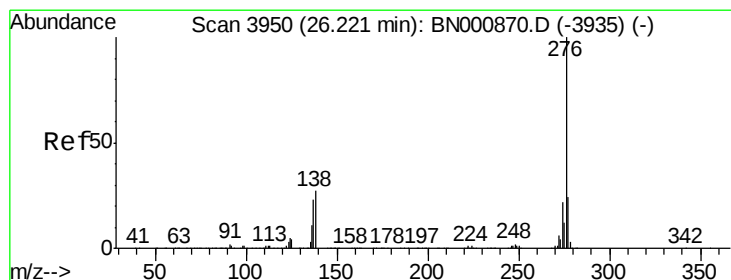
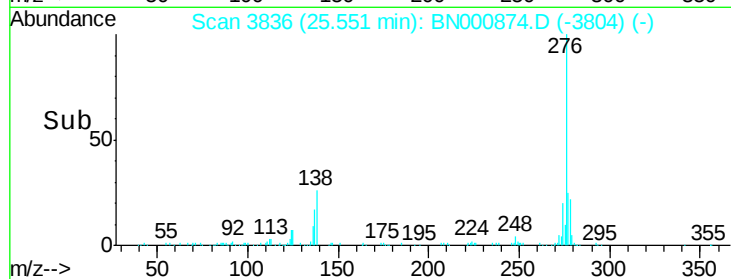
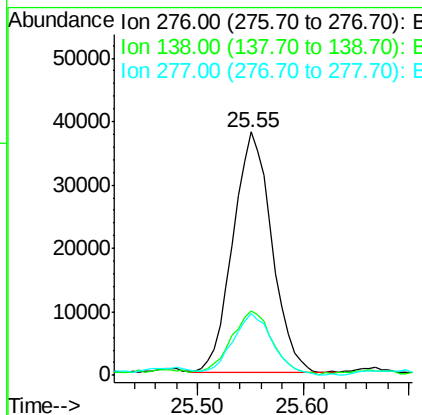
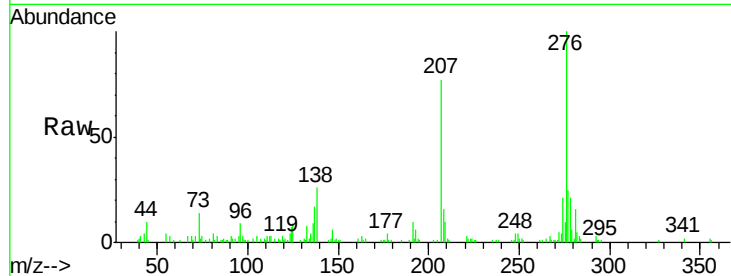


#27

Indeno(1,2,3-cd)pyrene
Concen: 2.335 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 97173
Ion Ratio Lower Upper
276 100
138 26.4 14.4 21.6#
277 25.3 18.0 27.0



#29

Benzo(g,h,i)perylene
Concen: 2.546 ng/ul
RT: 26.22 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BN000874.D
Acq: 25 Apr 2018 04:56

Tgt Ion:276 Resp: 88608
Ion Ratio Lower Upper
276 100
138 28.8 15.3 22.9#
277 25.0 19.0 28.4

