

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 08:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

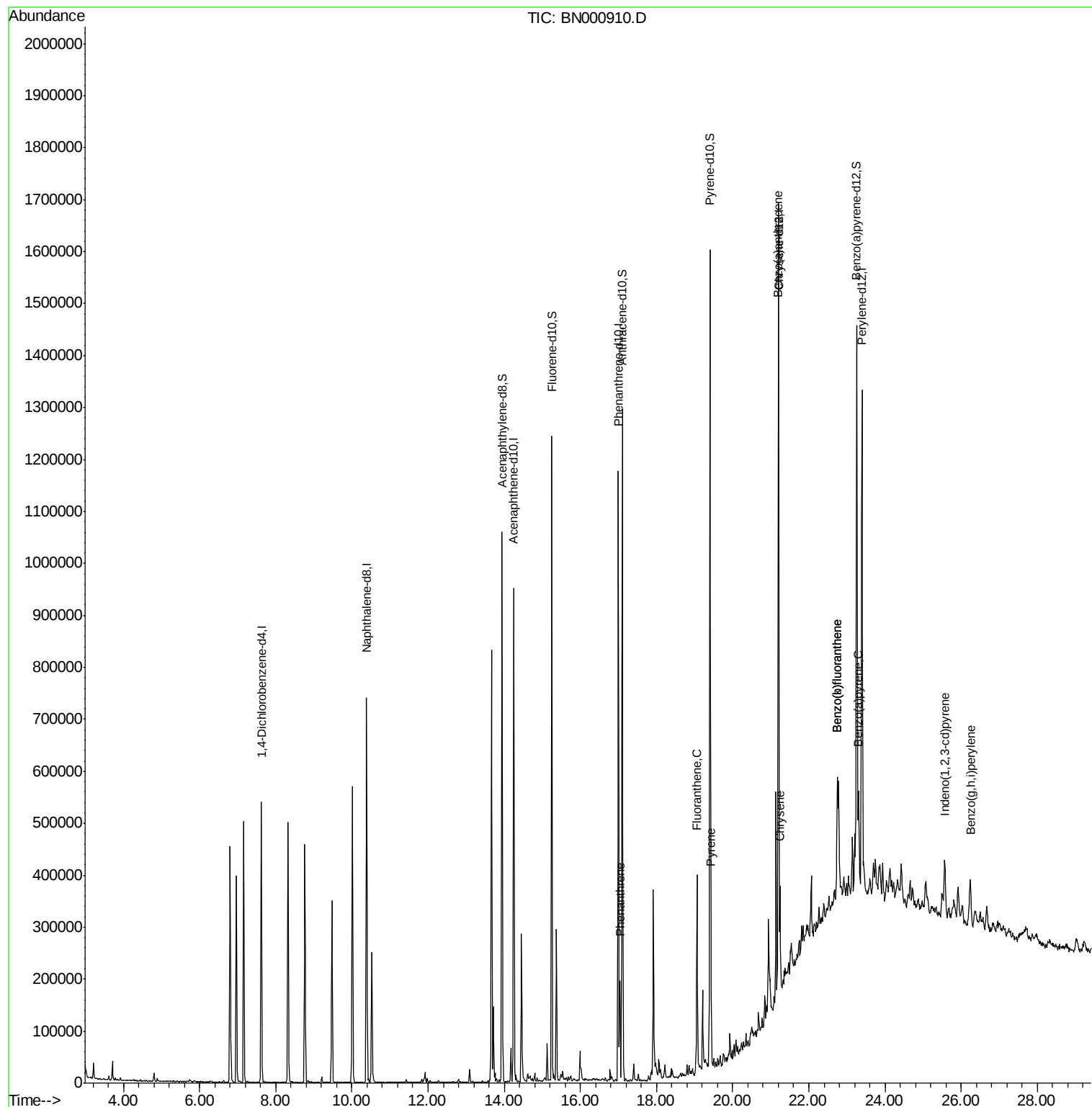
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133445	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	572676	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	292225	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	604275	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	582606	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	596704	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	662628	23.61	ng/ul	0.00
10) Fluorene-d10	15.25	176	458747	24.49	ng/ul	0.00
14) Anthracene-d10	17.10	188	655935	23.74	ng/ul	0.00
18) Pyrene-d10	19.40	212	717423	24.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	729950	25.90	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	99855	3.030	ng/ul	99
16) Fluoranthene	19.06	202	195985	5.861	ng/ul#	94
19) Pyrene	19.43	202	159020	4.249	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	100394	2.883	ng/ul	98
21) Chrysene	21.24	228	98513	3.010	ng/ul	98
23) Benzo(b)fluoranthene	22.75	252	157762	4.652	ng/ul#	93
24) Benzo(k)fluoranthene	22.75	252	212643	6.408	ng/ul#	93
26) Benzo(a)pyrene	23.30	252	104108	3.212	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.57	276	85289	2.179	ng/ul#	89
29) Benzo(g,h,i)perylene	26.23	276	86967	2.656	ng/ul#	90

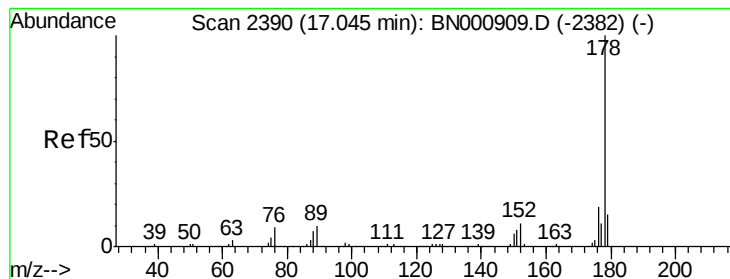
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.030 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000910.D

Acq: 26 Apr 2018 02:11

Instrument :

BNA_N

ClientSampleId :

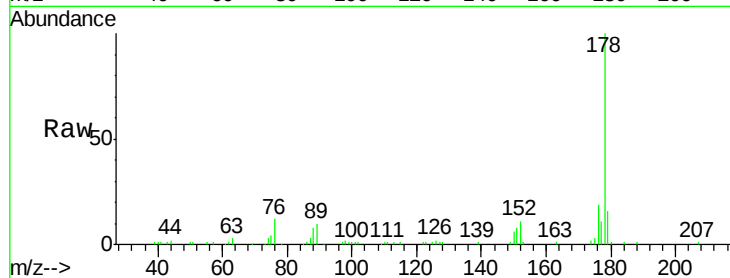
Tot Ion:178 Resp: 99855

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

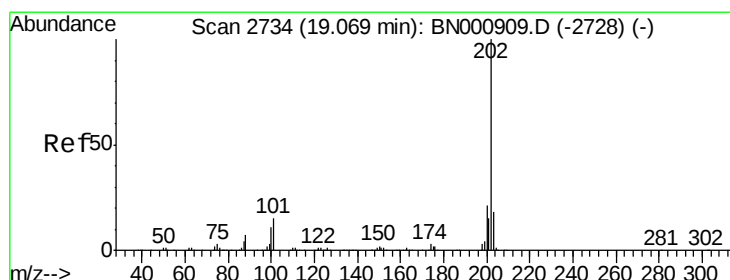
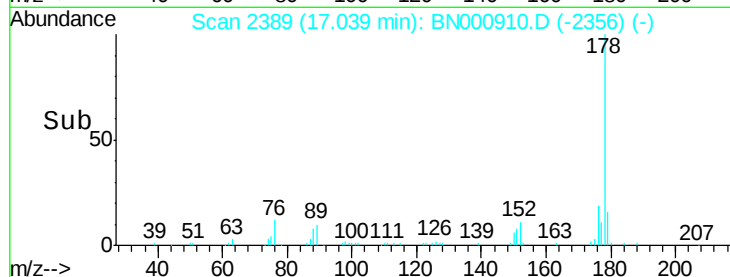
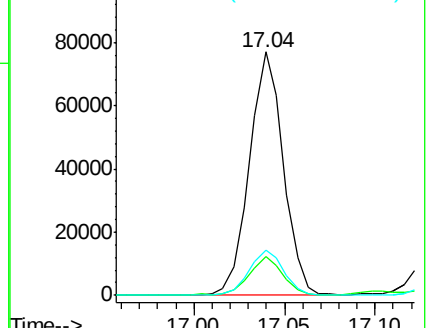
176 18.7 15.1 22.7



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: 5.861 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000910.D

Acq: 26 Apr 2018 02:11

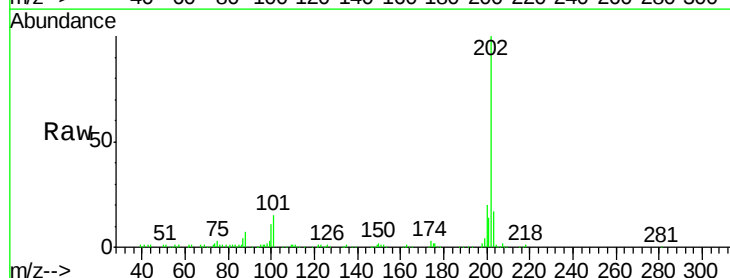
Tgt Ion:202 Resp: 195985

Ion Ratio Lower Upper

202 100

101 14.7 9.9 14.9

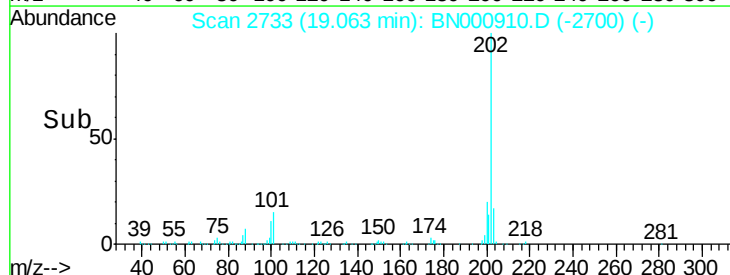
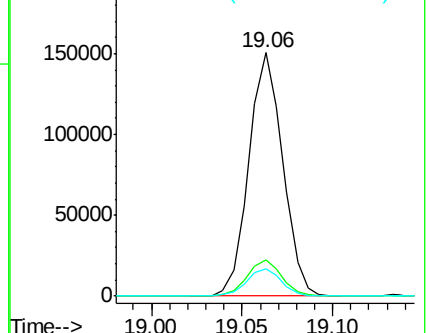
100 11.5 7.4 11.0#

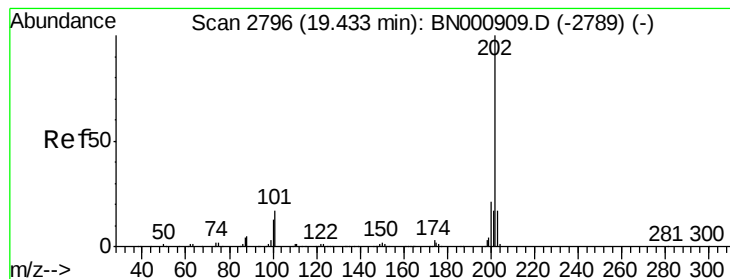


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

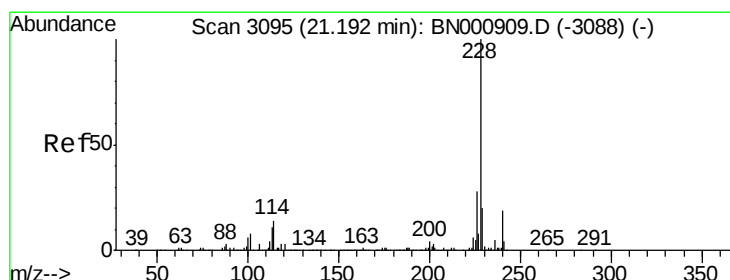
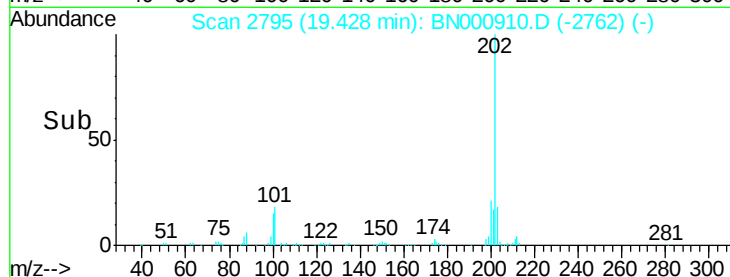
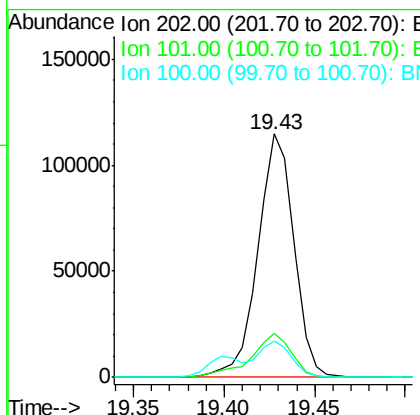
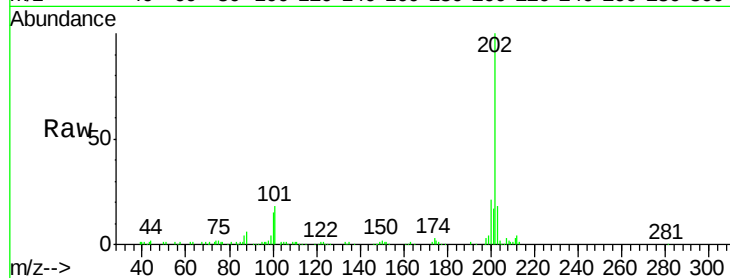




#19
Pvrene
Concen: 4.249 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000910.D
Acq: 26 Apr 2018 02:11

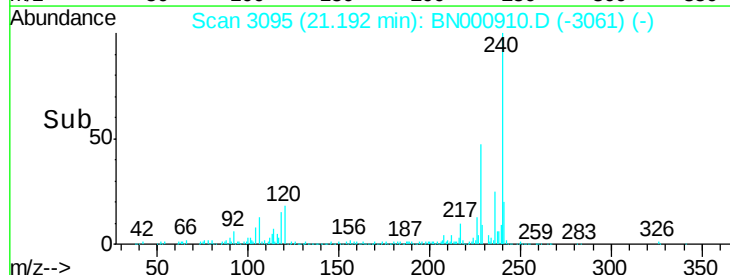
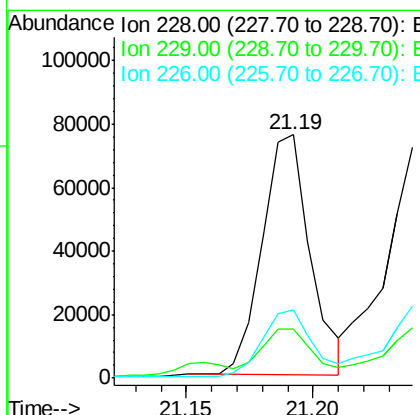
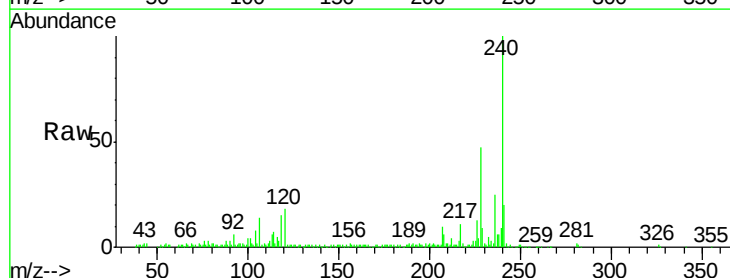
Instrument :
BNA_N
ClientSampleId :

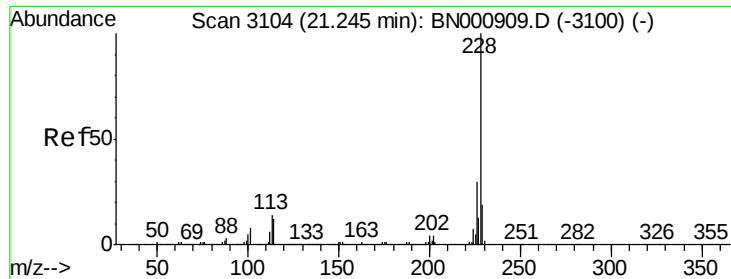
Tot Ion:202 Resp: 159020
Ion Ratio Lower Upper
202 100
101 18.1 11.0 16.4#
100 14.8 8.1 12.1#



#20
Benzo(a)anthracene
Concen: 2.883 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BN000910.D
Acq: 26 Apr 2018 02:11

Tgt Ion:228 Resp: 100394
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.8 21.1 31.7

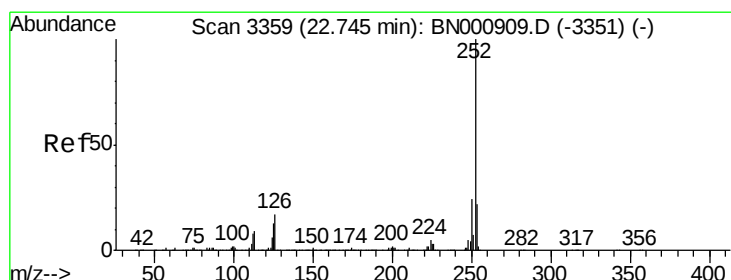
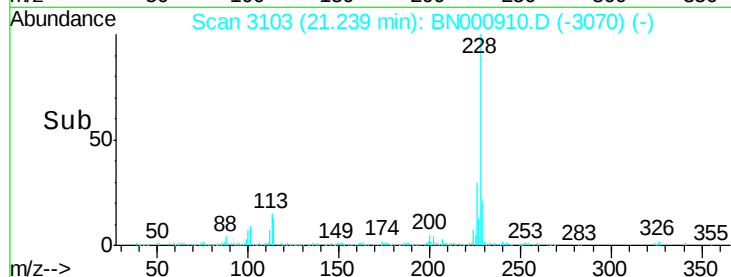
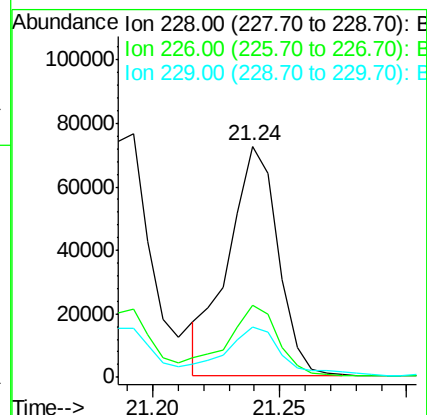
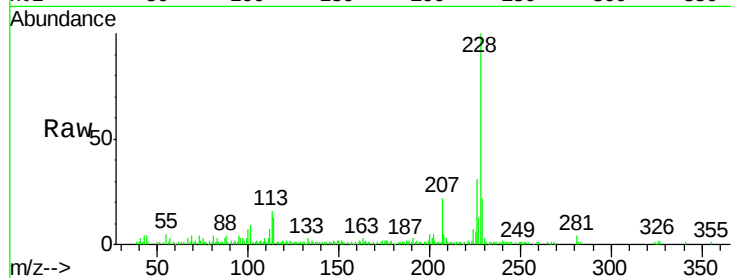




#21
Chrysene
Concen: 3.010 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000910.D
Acq: 26 Apr 2018 02:11

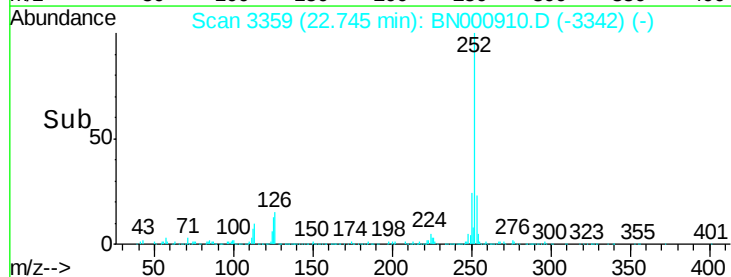
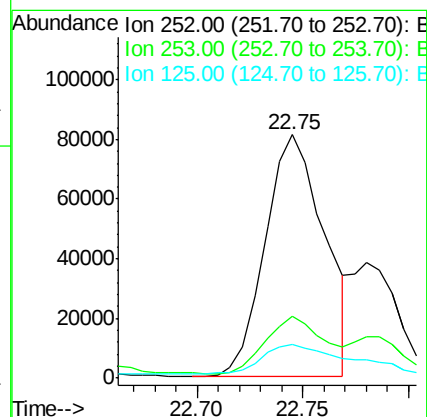
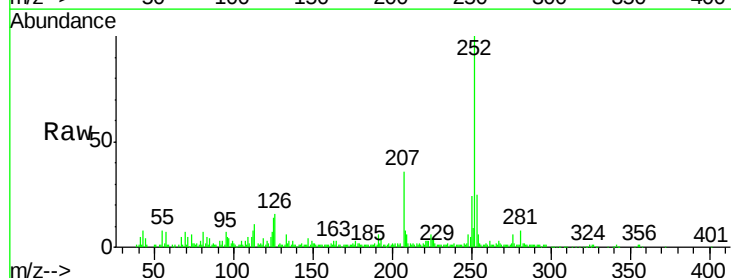
Instrument :
BNA_N
ClientSampled :

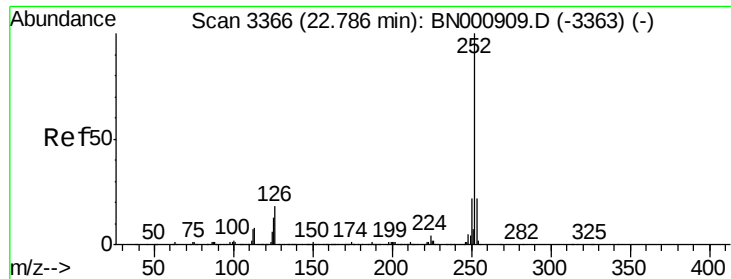
Tot Ion:228 Resp: 98513
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.9 15.8 23.8



#23
Benzo(b)fluoranthene
Concen: 4.652 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BN000910.D
Acq: 26 Apr 2018 02:11

Tgt Ion:252 Resp: 157762
Ion Ratio Lower Upper
252 100
253 25.2 18.0 27.0
125 14.0 8.0 12.0#





#24

Benzo(k)fluoranthene

Concen: 6.408 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BN000910.D

Acq: 26 Apr 2018 02:11

Instrument :

BNA_N

ClientSampleId :

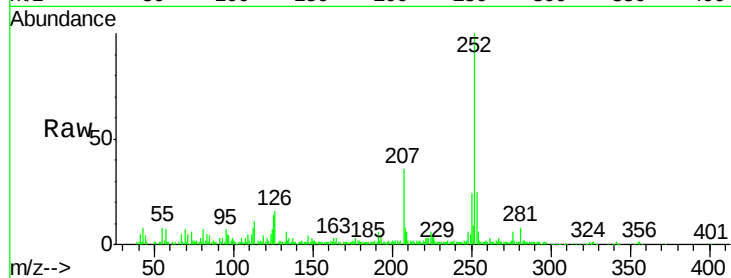
Tot Ion:252 Resp: 212643

Ion Ratio Lower Upper

252 100

253 25.2 18.0 27.0

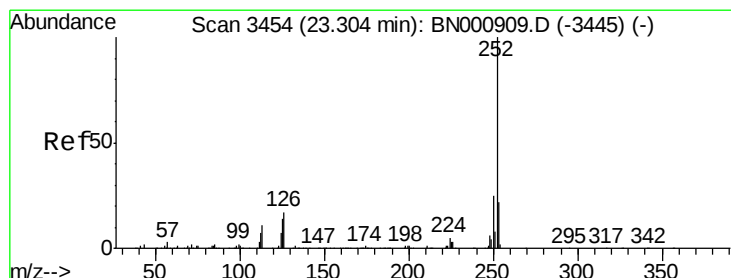
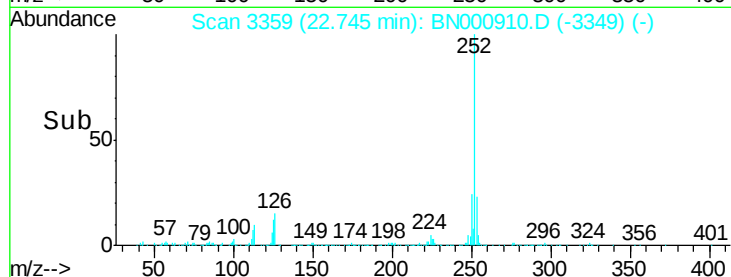
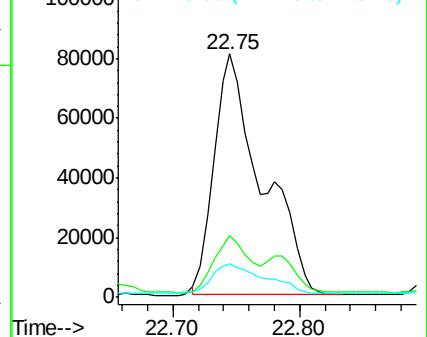
125 14.0 8.1 12.1#



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: 3.212 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BN000910.D

Acq: 26 Apr 2018 02:11

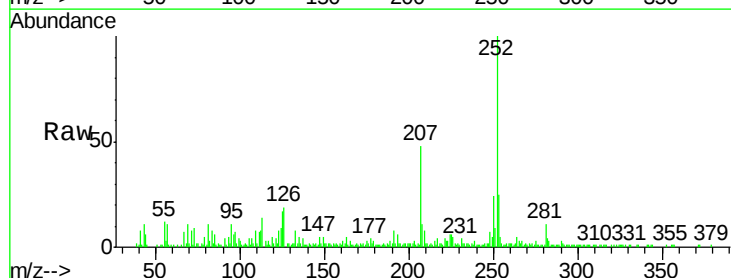
Tgt Ion:252 Resp: 104108

Ion Ratio Lower Upper

252 100

253 25.3 17.2 25.8

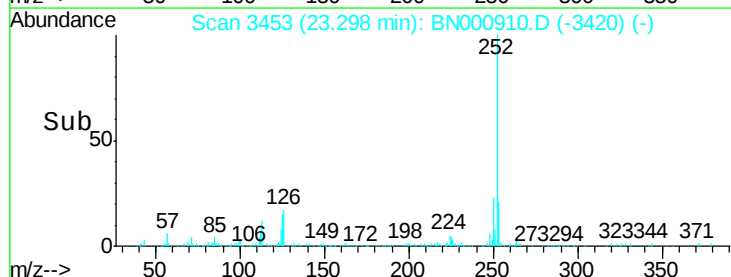
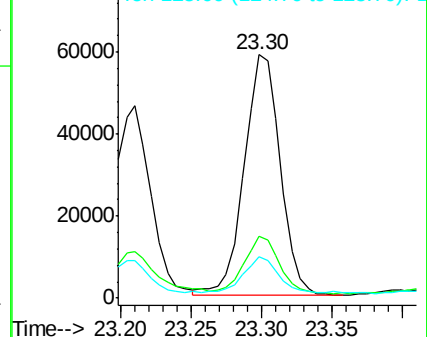
125 16.9 8.2 12.4#

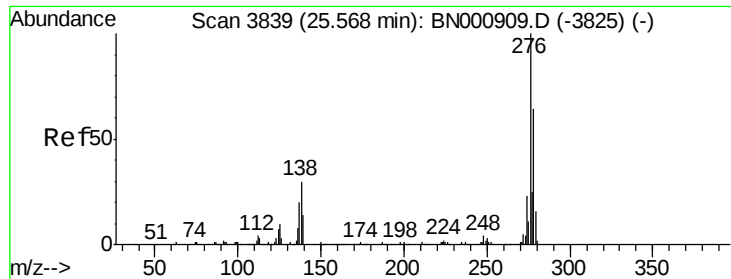


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

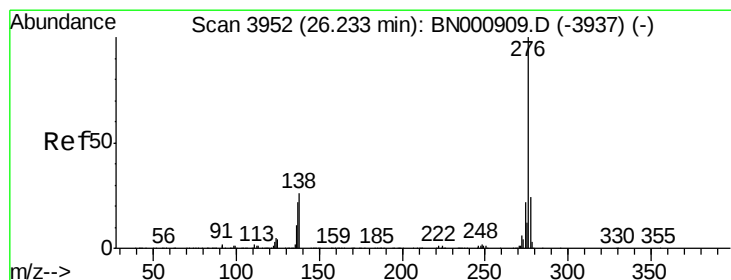
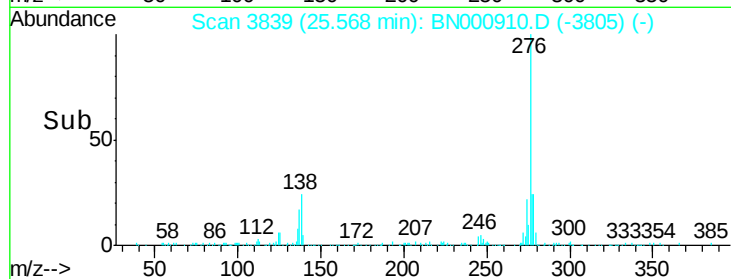
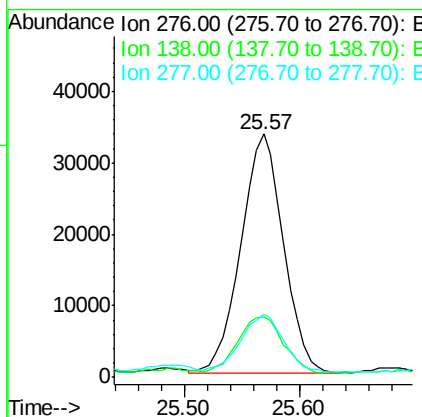
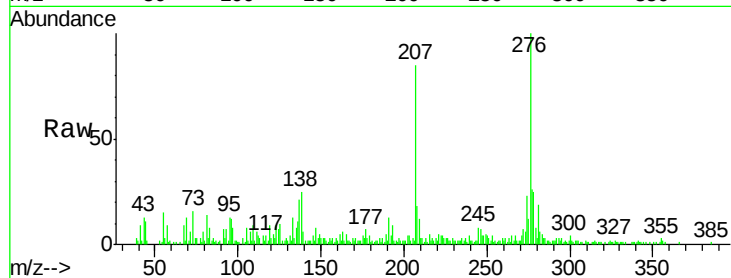




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.179 ng/ul
 RT: 25.57 min Scan# 3839
 Delta R.T. 0.00 min
 Lab File: BN000910.D
 Acq: 26 Apr 2018 02:11

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 85289
 Ion Ratio Lower Upper
 276 100
 138 24.9 14.4 21.6#
 277 25.9 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.656 ng/ul
 RT: 26.23 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: BN000910.D
 Acq: 26 Apr 2018 02:11

Tgt Ion:276 Resp: 86967
 Ion Ratio Lower Upper
 276 100
 138 27.1 15.3 22.9#
 277 25.6 19.0 28.4

