

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 08:36:58 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

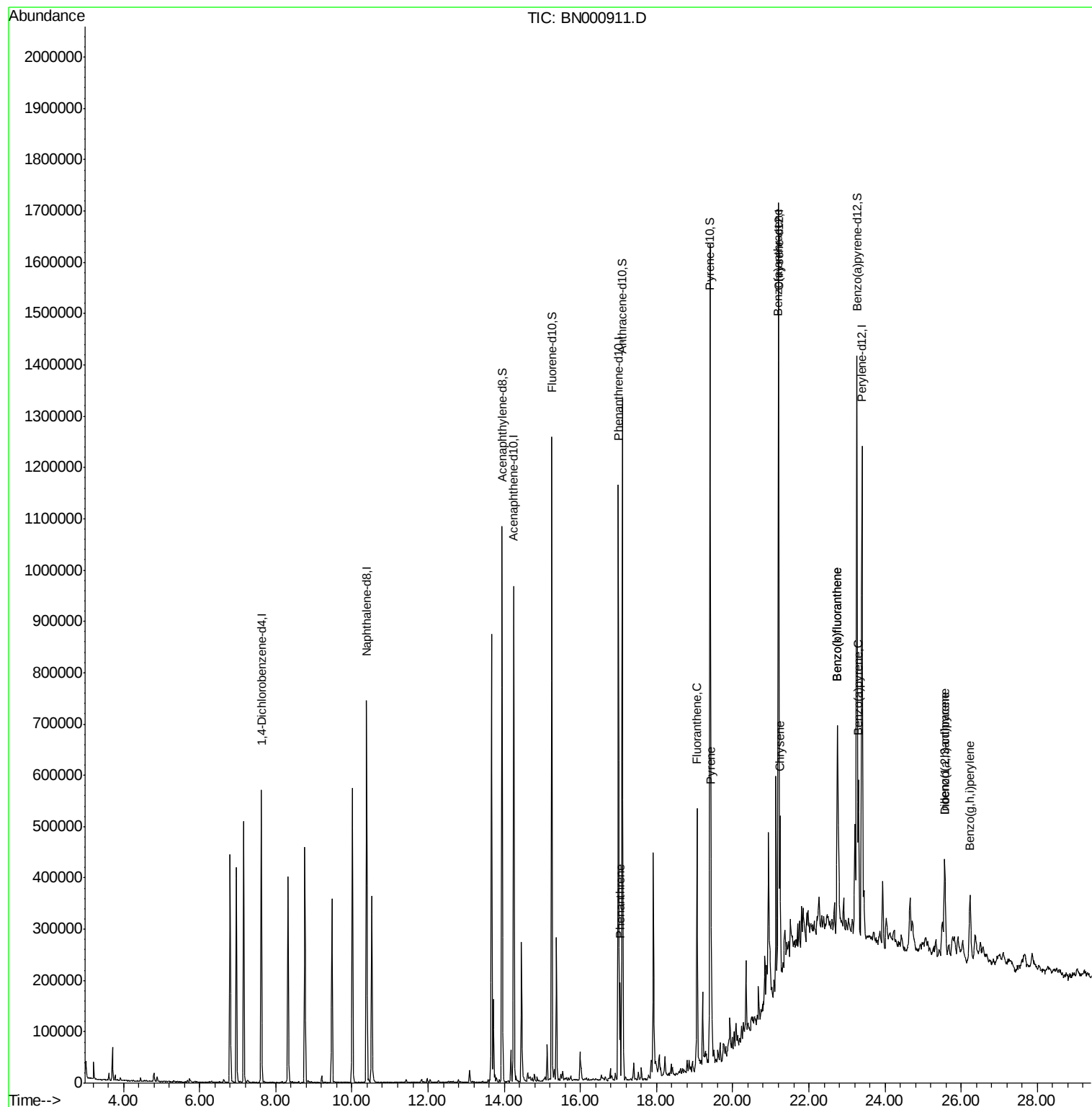
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141279	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	592175	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	298945	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	611691	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	586994	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	619732	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	665689	23.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	464091	24.22	ng/ul	0.00
14) Anthracene-d10	17.10	188	661766	23.66	ng/ul	0.00
18) Pyrene-d10	19.40	212	725699	24.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	762596	26.05	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	102583	3.075	ng/ul	100
16) Fluoranthene	19.06	202	261267	7.719	ng/ul#	92
19) Pyrene	19.43	202	240800	6.387	ng/ul#	93
20) Benzo(a)anthracene	21.19	228	154360	4.399	ng/ul	97
21) Chrysene	21.24	228	159934	4.849	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	374184	10.624	ng/ul#	96
24) Benzo(k)fluoranthene	22.74	252	373847	10.848	ng/ul#	96
26) Benzo(a)pyrene	23.30	252	165542	4.918	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.57	276	141185	3.473	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.57	278	36502	1.077	ng/ul#	82
29) Benzo(g,h,i)perylene	26.23	276	143129	4.209	ng/ul#	94

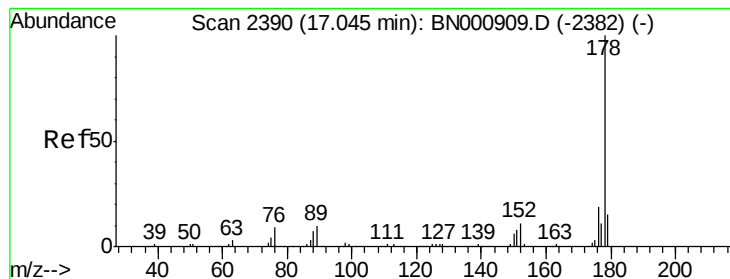
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.075 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

Instrument :

BNA_N

ClientSampleId :

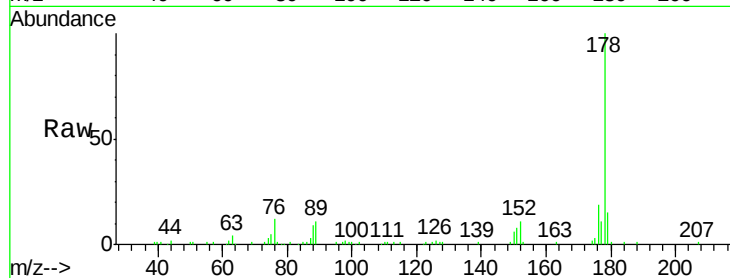
Tot Ion:178 Resp: 102583

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

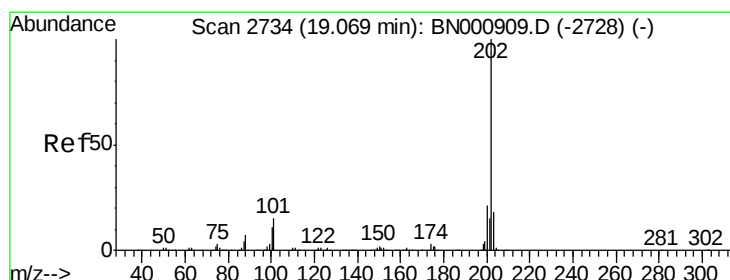
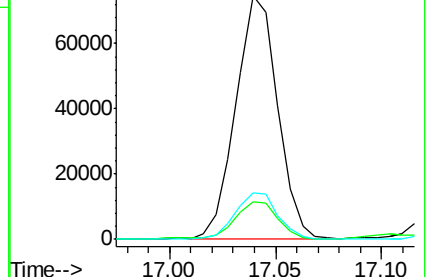
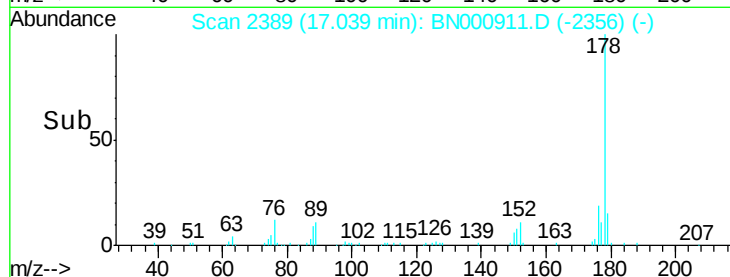
176 19.0 15.1 22.7



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: 7.719 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

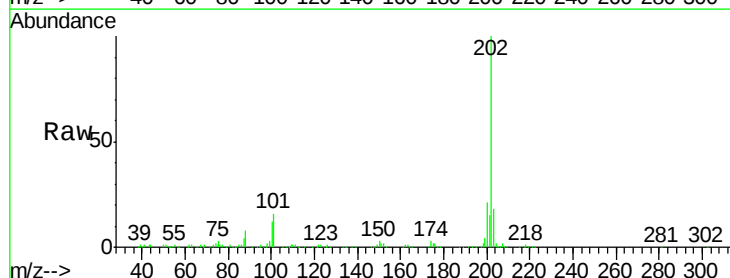
Tgt Ion:202 Resp: 261267

Ion Ratio Lower Upper

202 100

101 15.6 9.9 14.9#

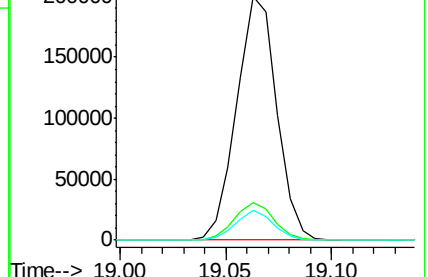
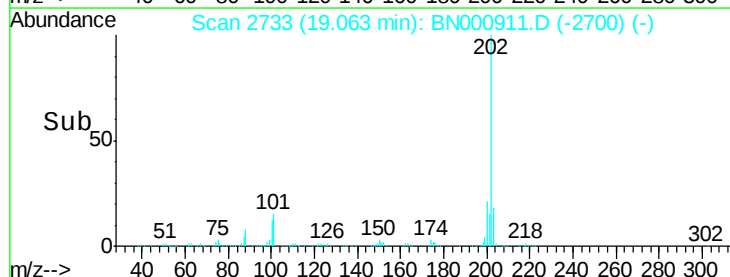
100 12.0 7.4 11.0#

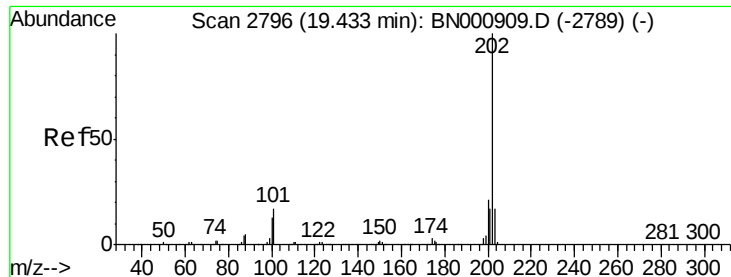


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 6.387 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

Instrument :

BNA_N

ClientSampleId :

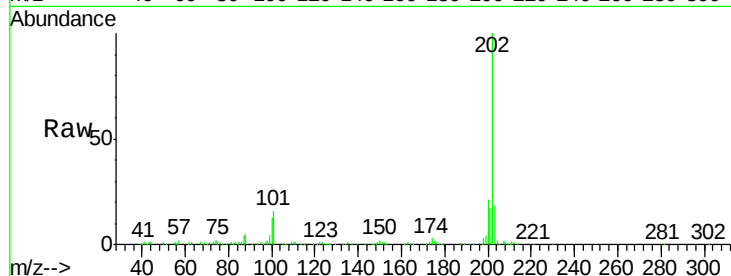
Tot Ion:202 Resp: 240800

Ion Ratio Lower Upper

202 100

101 16.0 11.0 16.4

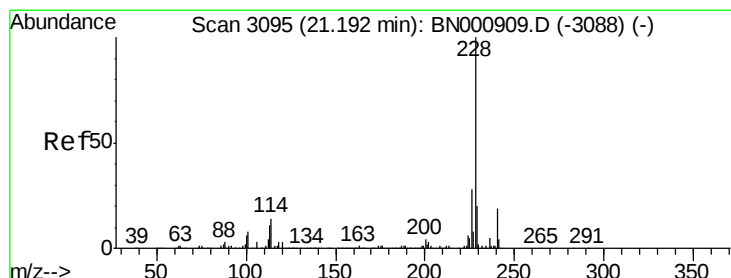
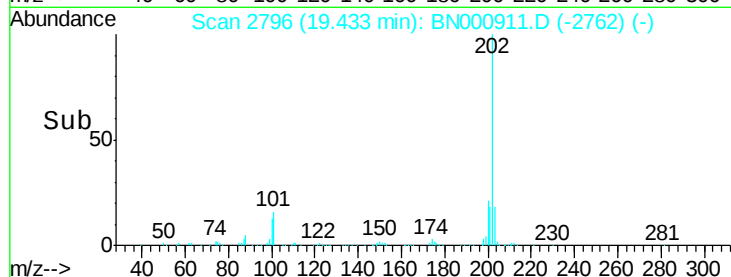
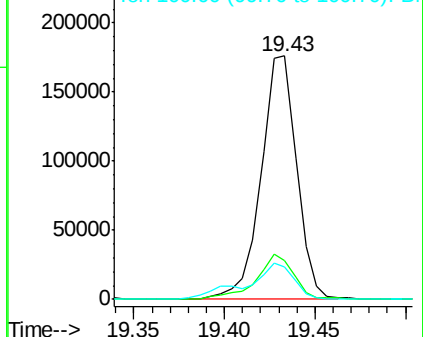
100 13.4 8.1 12.1#



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: 4.399 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

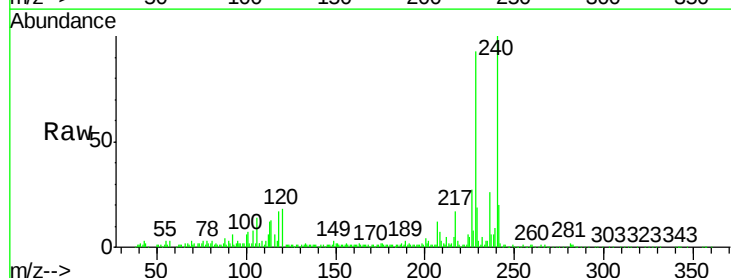
Tgt Ion:228 Resp: 154360

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

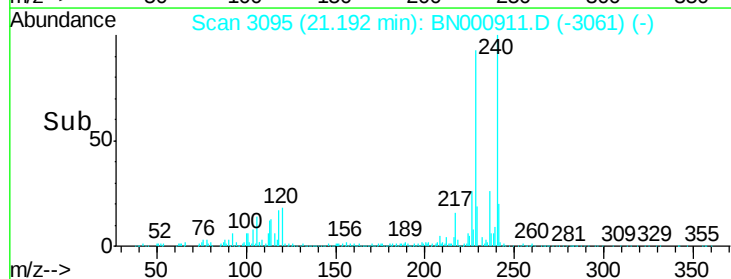
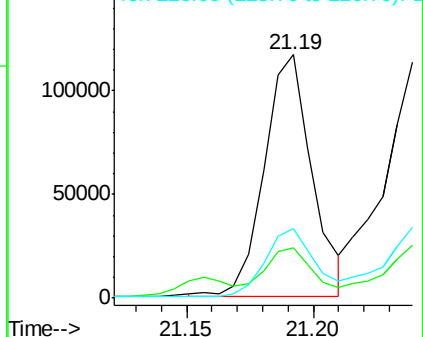
226 28.4 21.1 31.7

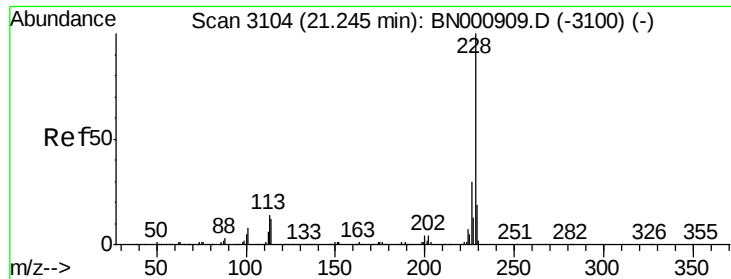


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.849 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

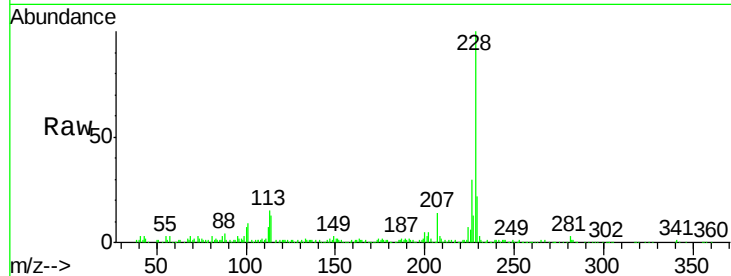
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 159934

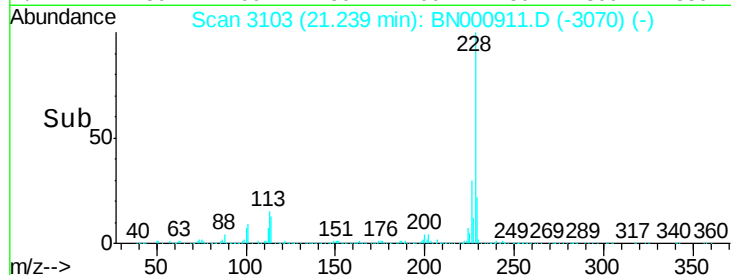
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	22.2	15.8	23.8



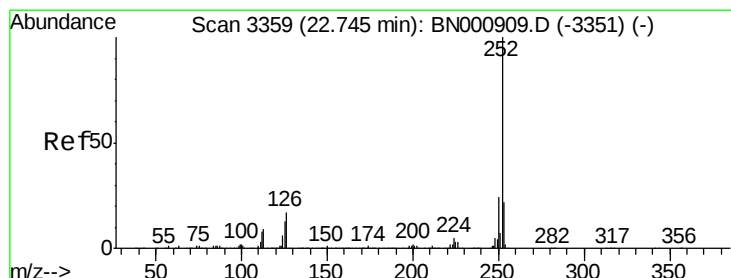
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 10.624 ng/ul

RT: 22.74 min Scan# 3359

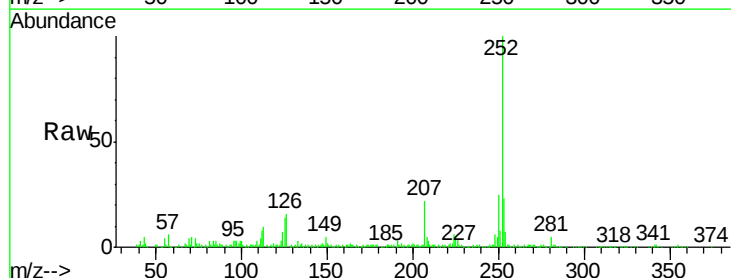
Delta R.T. -0.00 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

Tgt Ion:252 Resp: 374184

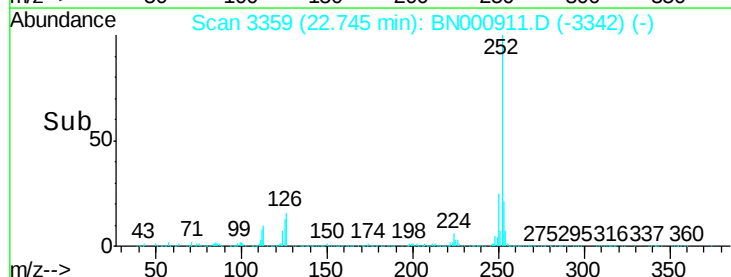
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.9	8.0	12.0#



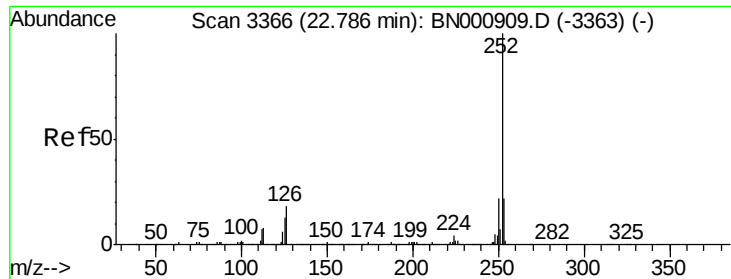
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



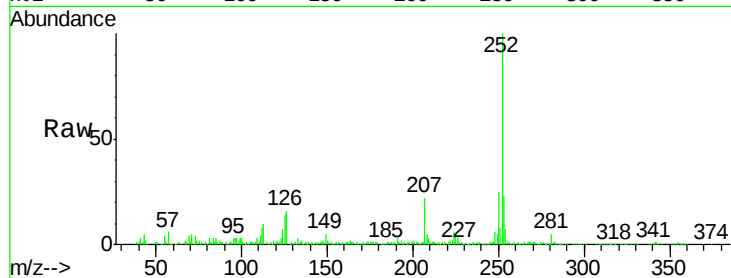
Time-->



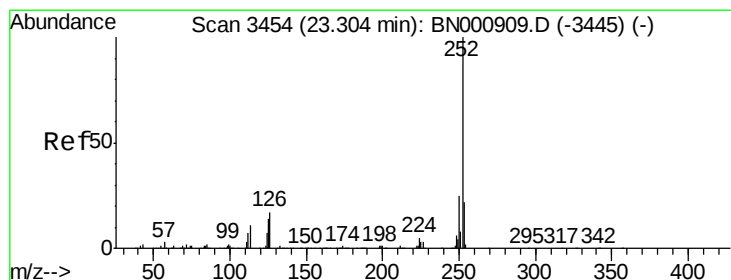
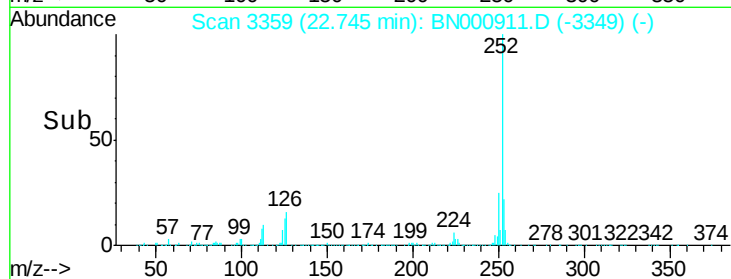
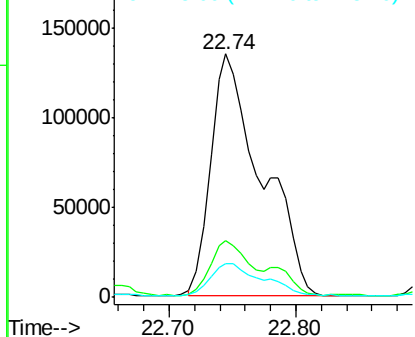
#24
Benzo(k)fluoranthene
Concen: 10.848 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.9	8.1	12.1

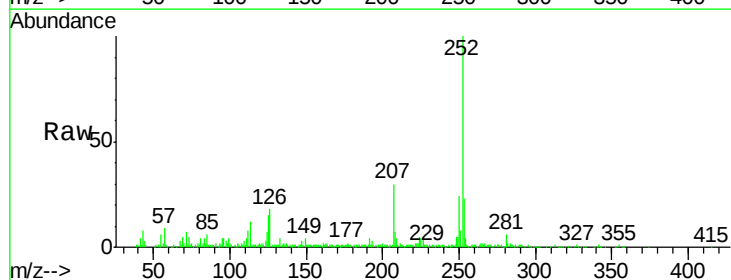


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

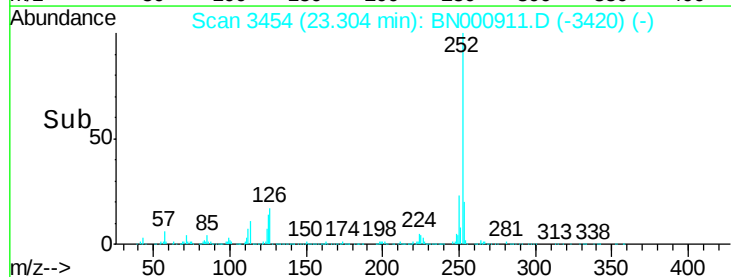
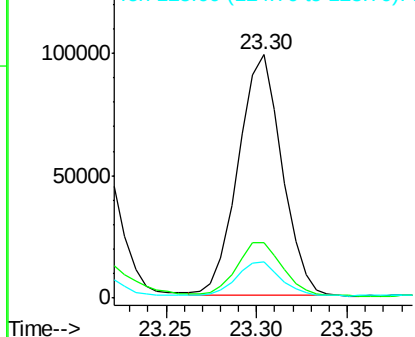


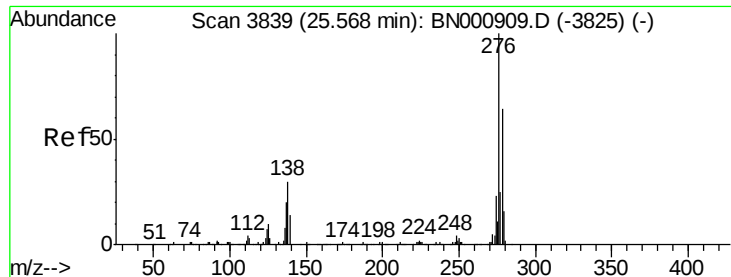
#26
Benzo(a)pyrene
Concen: 4.918 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.00 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	14.8	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

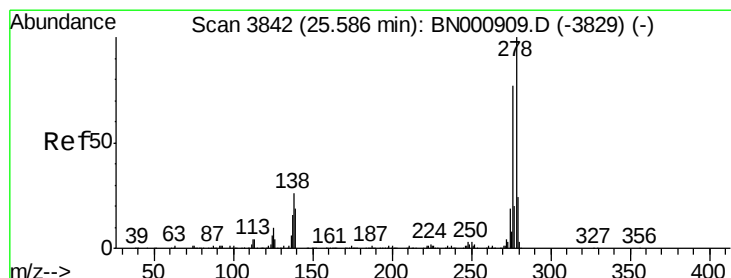
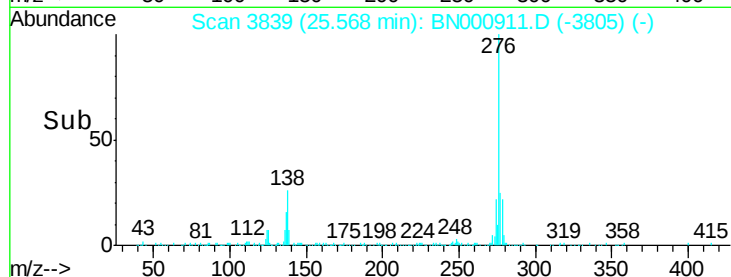
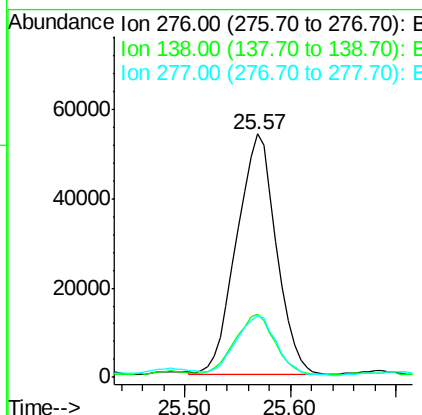
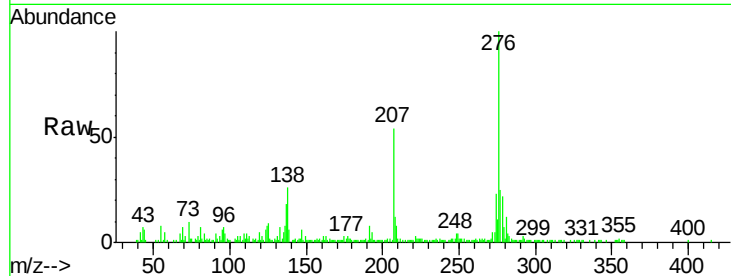




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.473 ng/ul
 RT: 25.57 min Scan# 3839
 Delta R.T. -0.00 min
 Lab File: BN000911.D
 Acq: 26 Apr 2018 02:46

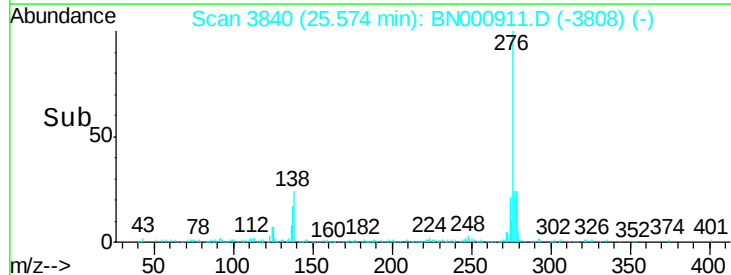
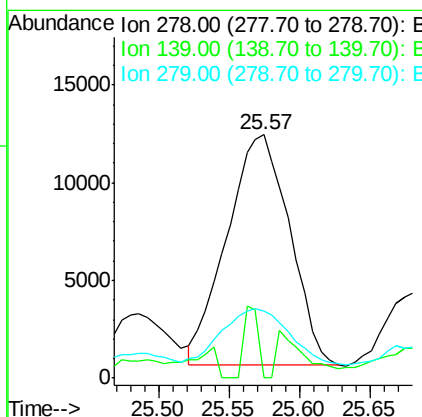
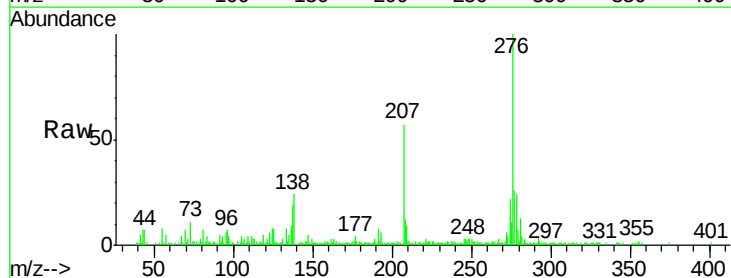
Instrument :
 BNA_N
 ClientSampleId :

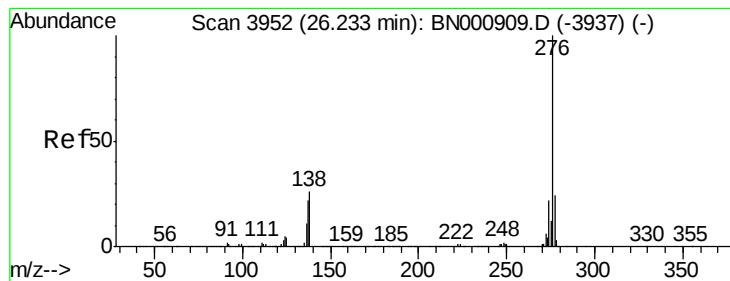
Tot Ion:276 Resp: 141185
 Ion Ratio Lower Upper
 276 100
 138 32.6 14.4 21.6#
 277 25.3 18.0 27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 1.077 ng/ul
 RT: 25.57 min Scan# 3840
 Delta R.T. -0.01 min
 Lab File: BN000911.D
 Acq: 26 Apr 2018 02:46

Tgt Ion:278 Resp: 36502
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.2 18.4#
 279 27.3 19.2 28.8





#29

Benzo(a,h,i)perylene

Concen: 4.209 ng/ul

RT: 26.23 min Scan# 3952

Delta R.T. -0.00 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

Instrument :

BNA_N

ClientSampleId :

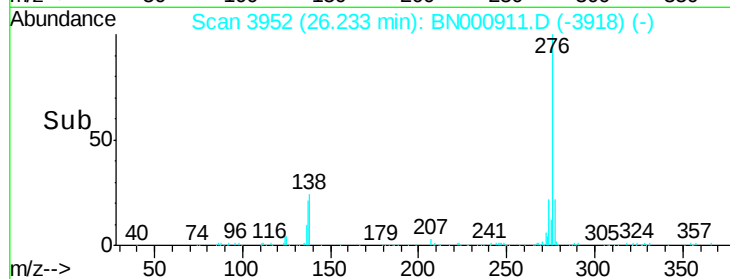
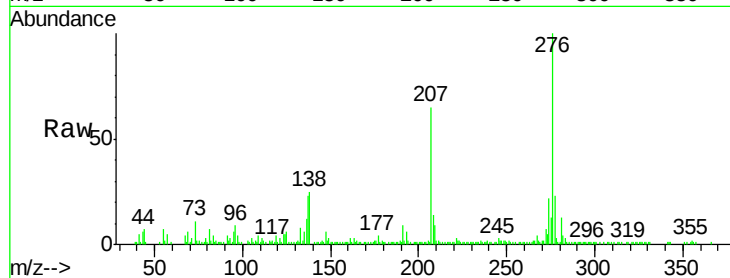
Tot Ion:276 Resp: 143129

Ion Ratio Lower Upper

276 100

138 25.2 15.3 22.9#

277 23.3 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

