

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000428.D
 Acq On : 15 Mar 2018 22:22
 Operator : JU/SJ
 Sample : J1866-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 06:50:52 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	255570	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1186871	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	659264	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1432313	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1221416	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	1152009	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.77	160	1672072	25.55	ng/ul	0.00
10) Fluorene-d10	16.05	176	1086618	24.52	ng/ul	0.00
14) Anthracene-d10	17.89	188	1679111	25.09	ng/ul	0.00
18) Pyrene-d10	20.14	212	1718598	28.76	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	1320628	25.10	ng/ul	0.00

Target Compounds

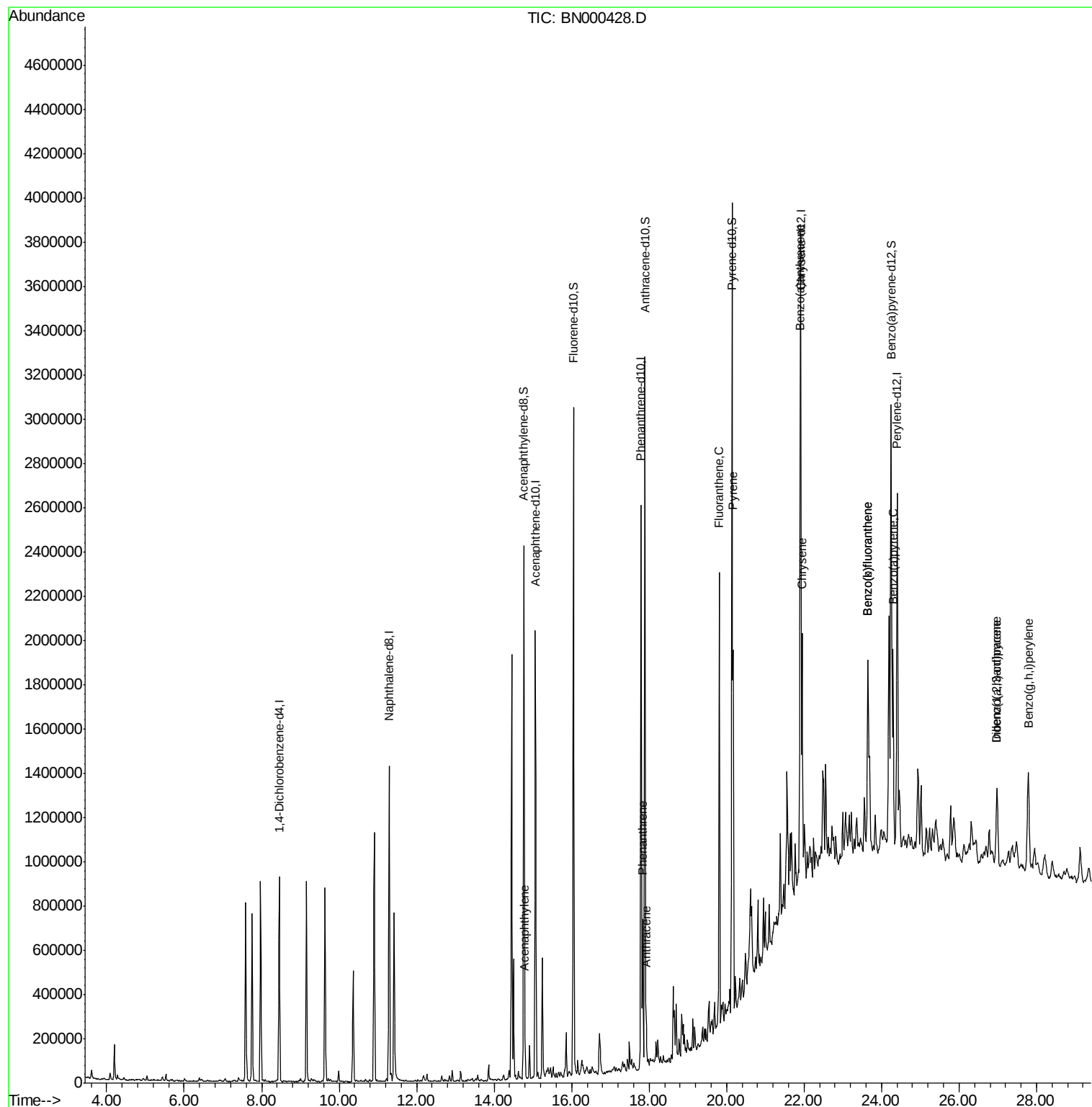
					Ovalue	
8) Acenaphthylene	14.80	152	101662	1.546	ng/ul	99
13) Phenanthrene	17.83	178	380790	4.636	ng/ul	98
15) Anthracene	17.92	178	134815	1.617	ng/ul	99
16) Fluoranthene	19.81	202	1125565	12.682	ng/ul#	94
19) Pyrene	20.17	202	1084561	14.064	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	549442	7.236	ng/ul	96
21) Chrysene	21.95	228	608526	8.445	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	769071	11.195	ng/ul#	94
24) Benzo(k)fluoranthene	23.65	252	769071	11.960	ng/ul#	94
26) Benzo(a)pyrene	24.29	252	585860	8.961	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.98	276	339763	4.820	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.98	278	111382	1.928	ng/ul#	64
29) Benzo(a,h,i)perylene	27.79	276	568813	9.664	ng/ul#	88

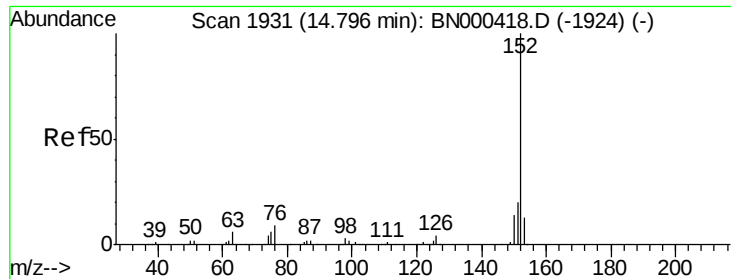
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 16 06:50:52 2018
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QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.546 ng/ul

RT: 14.80 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

ClientSampleId :

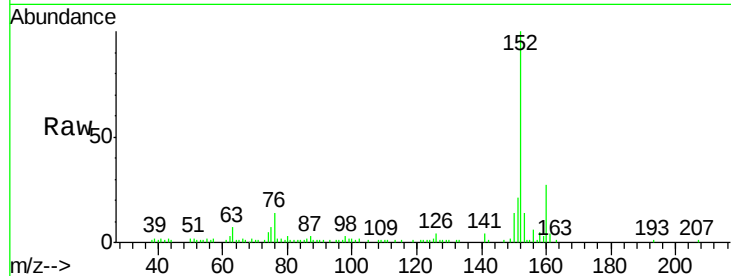
Tot Ion:152 Resp: 101662

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

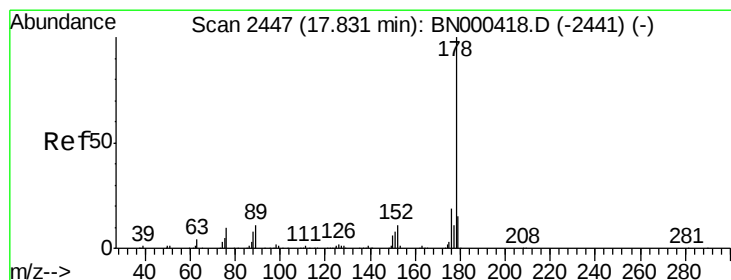
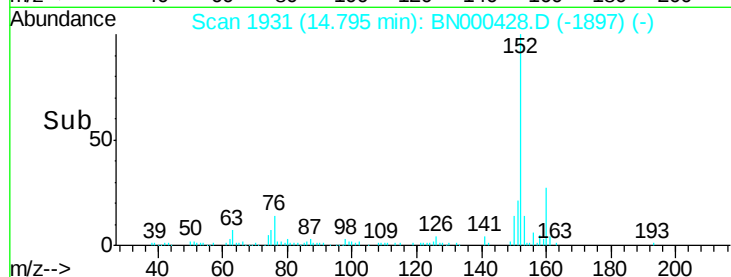
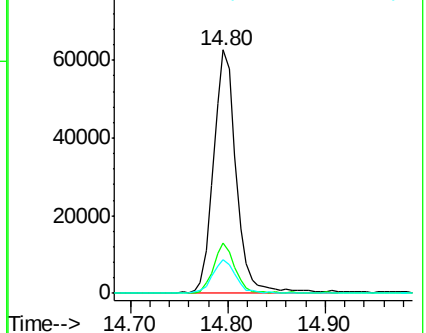
153 13.8 10.2 15.4



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: 4.636 ng/ul

RT: 17.83 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

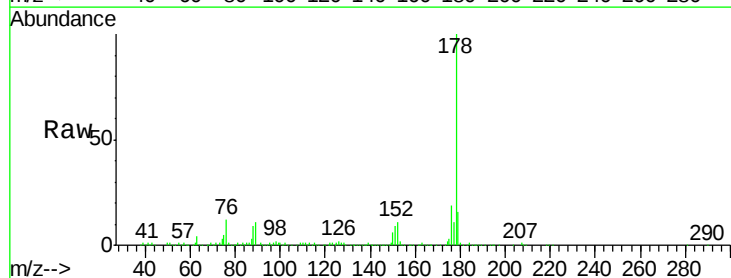
Tgt Ion:178 Resp: 380790

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

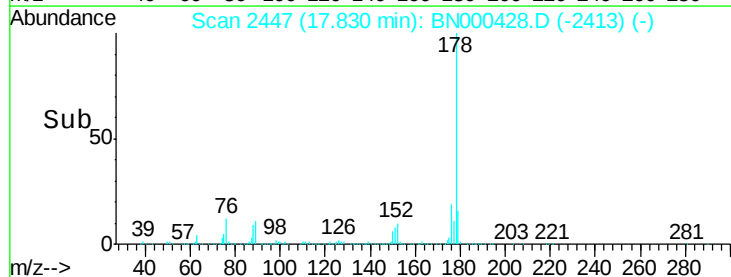
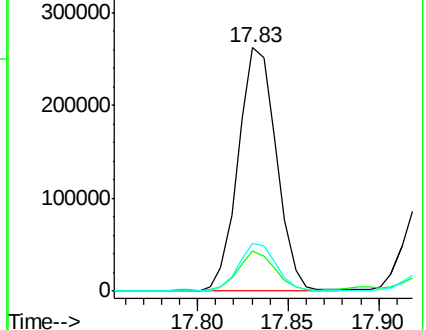
176 19.4 15.1 22.7

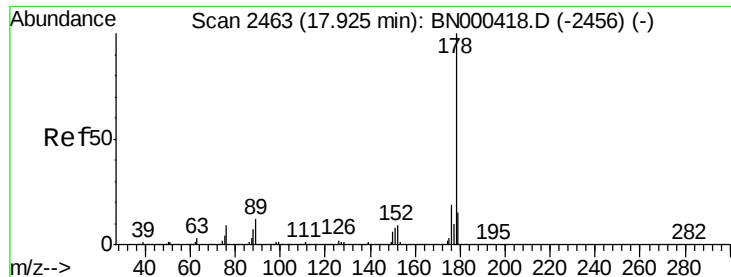


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.617 ng/ul

RT: 17.92 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

ClientSampleId :

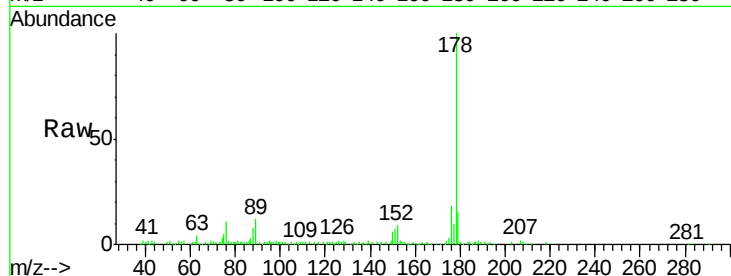
Tot Ion:178 Resp: 134815

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

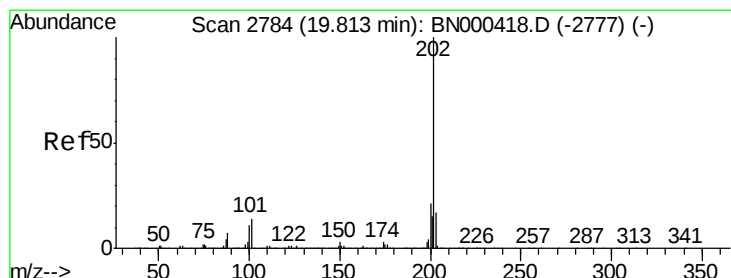
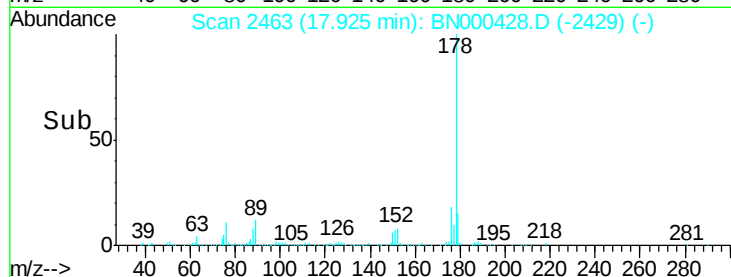
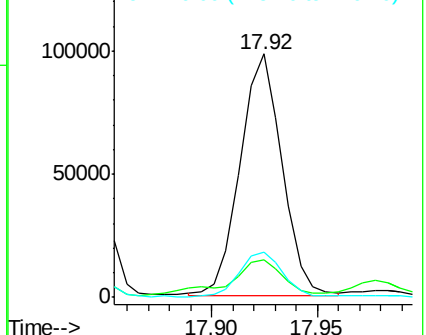
176 18.4 15.2 22.8



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: 12.682 ng/ul

RT: 19.81 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

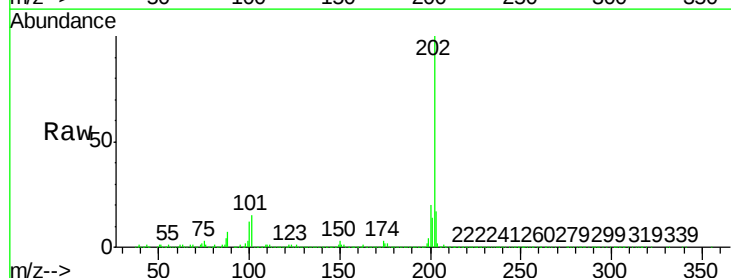
Tgt Ion:202 Resp: 1125565

Ion Ratio Lower Upper

202 100

101 14.9 9.9 14.9#

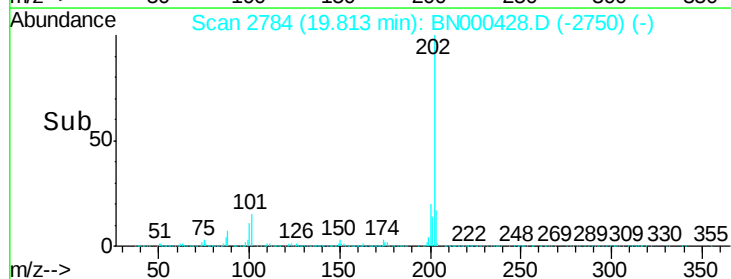
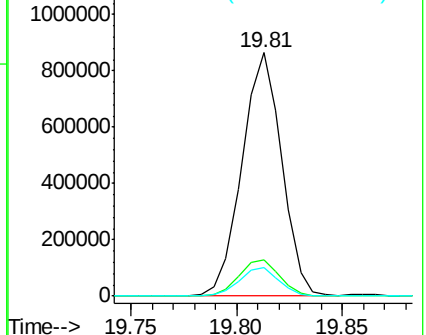
100 11.5 7.4 11.0#

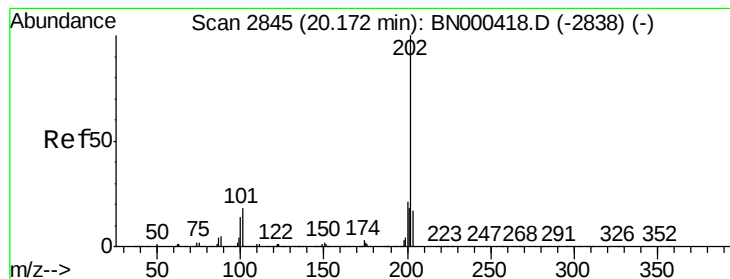


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 14.064 ng/ul

RT: 20.17 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

ClientSampleId :

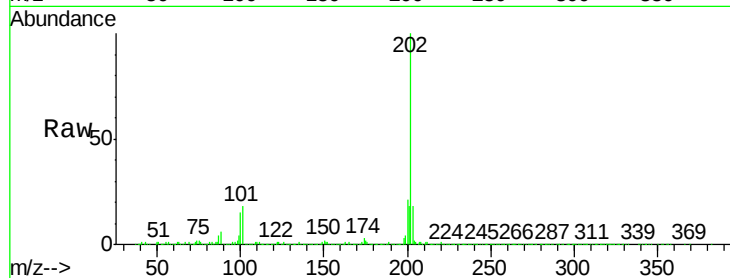
Tot Ion:202 Resp: 1084561

Ion Ratio Lower Upper

202 100

101 18.0 11.0 16.4#

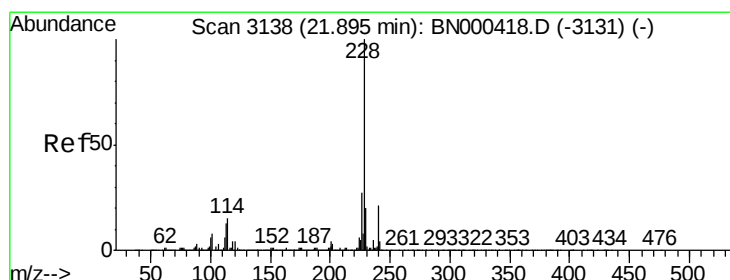
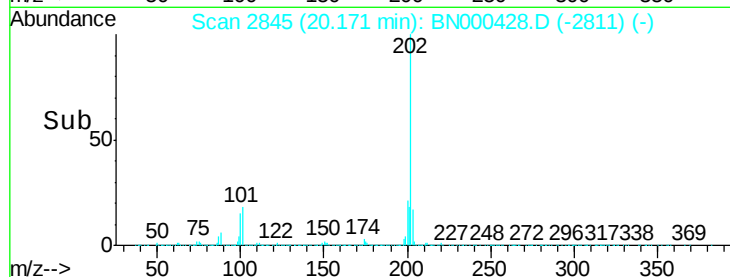
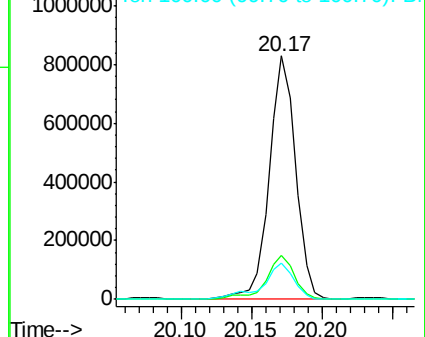
100 14.7 8.1 12.1#



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: 7.236 ng/ul

RT: 21.89 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

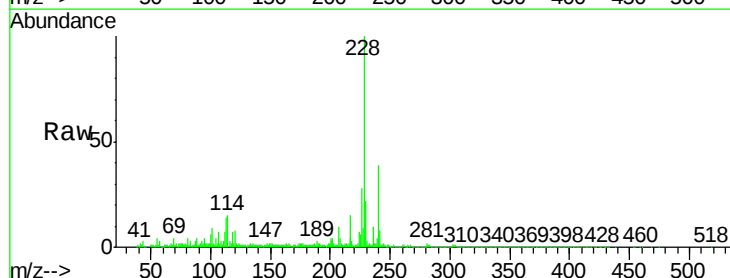
Tgt Ion:228 Resp: 549442

Ion Ratio Lower Upper

228 100

229 21.8 15.7 23.5

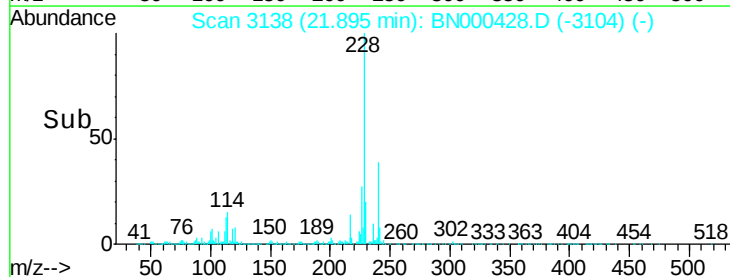
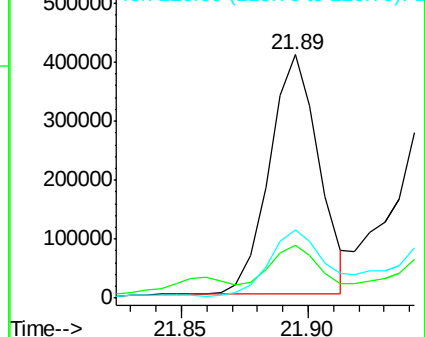
226 27.9 21.1 31.7

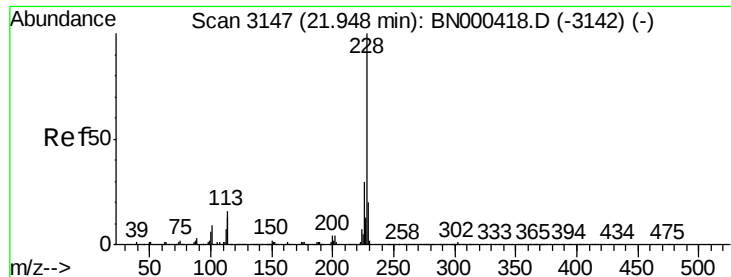


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 8.445 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

ClientSampled :

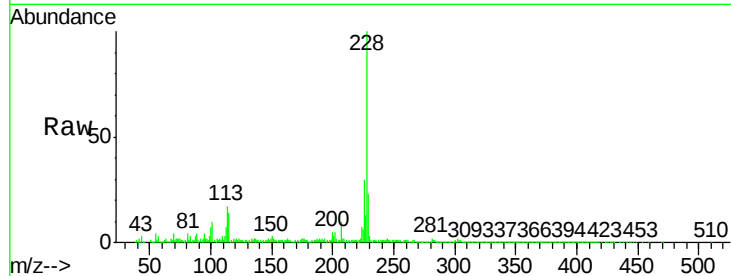
Tot Ion:228 Resp: 608526

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

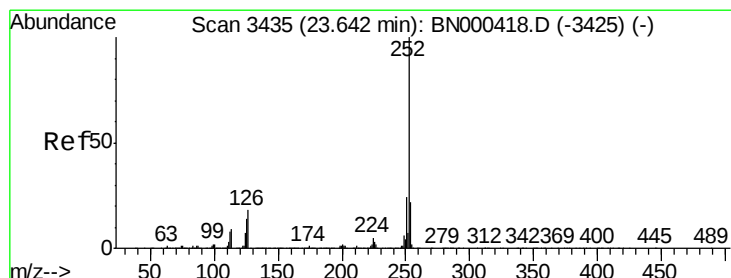
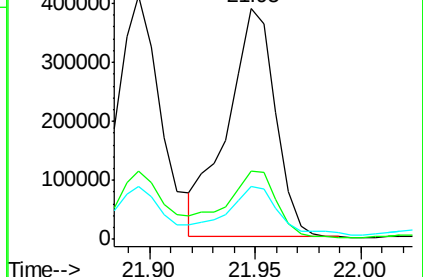
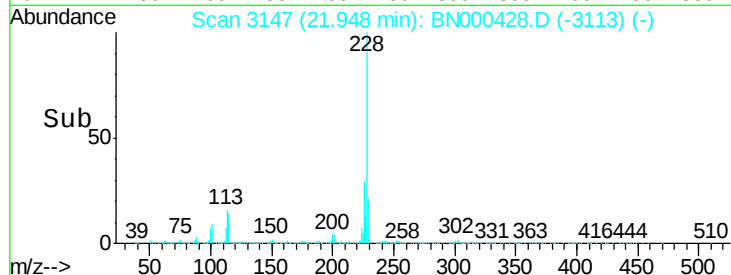
229 22.7 15.8 23.8



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: 11.195 ng/ul

RT: 23.65 min Scan# 3436

Delta R.T. 0.01 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

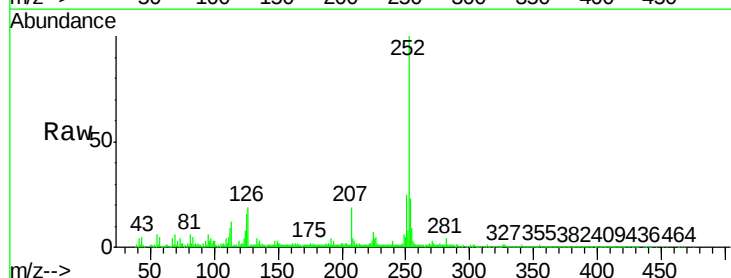
Tgt Ion:252 Resp: 769071

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

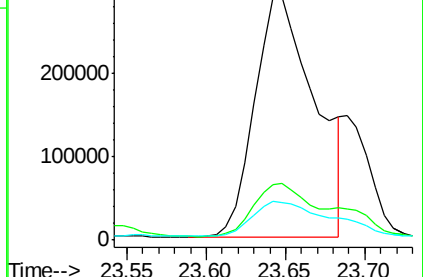
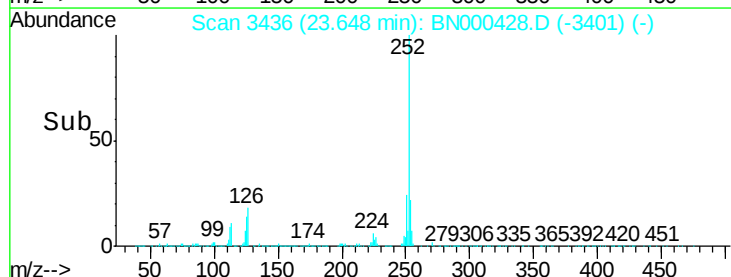
125 15.6 8.0 12.0#

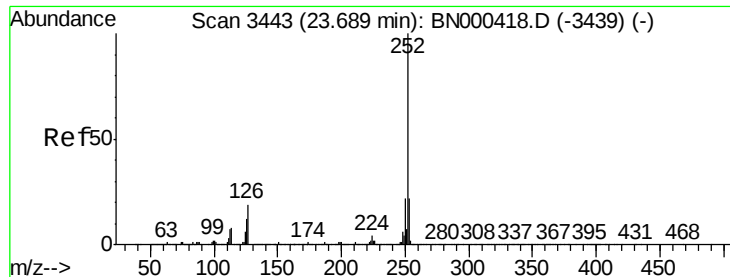


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 11.960 ng/ul

RT: 23.65 min Scan# 3436

Delta R.T. -0.04 min

Lab File: BN000428.D

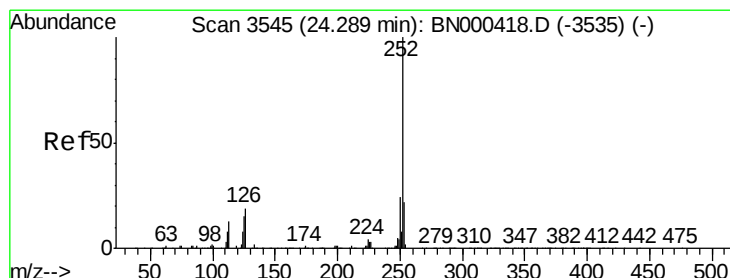
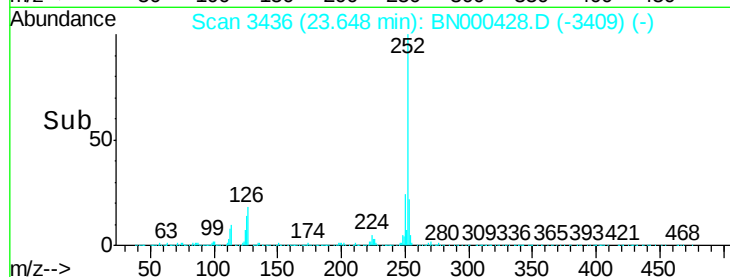
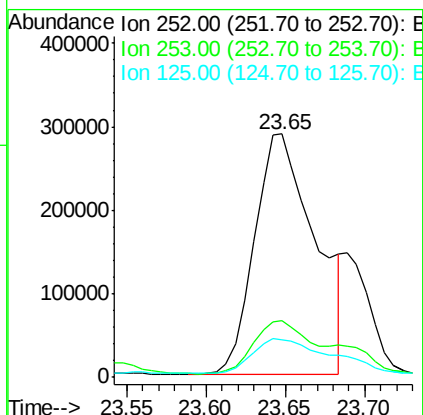
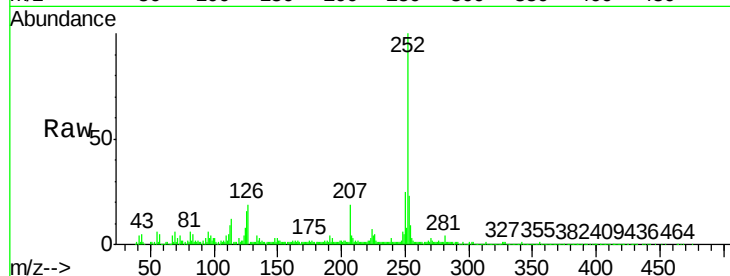
Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	769071
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.6	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 8.961 ng/ul

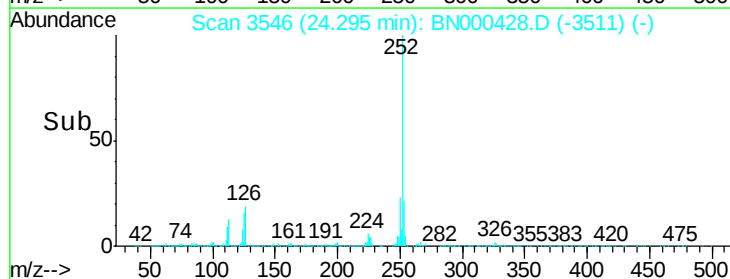
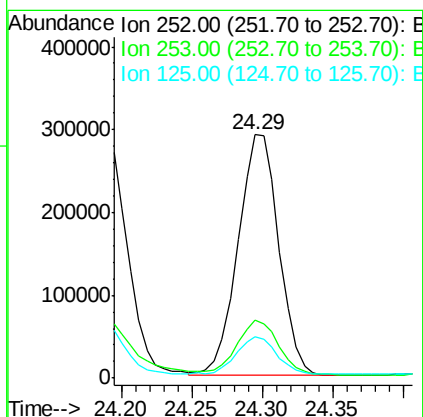
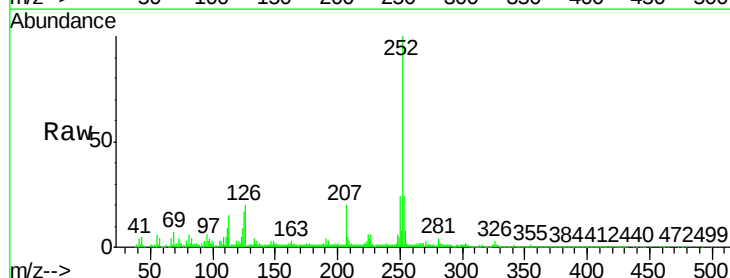
RT: 24.29 min Scan# 3546

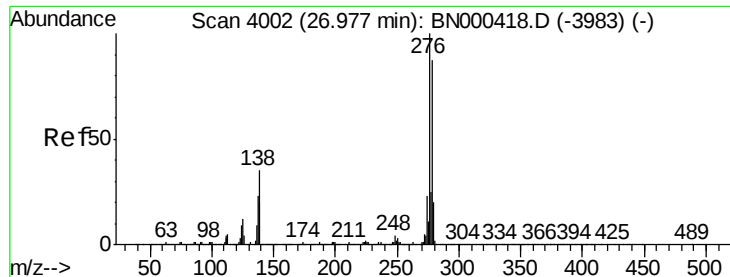
Delta R.T. 0.01 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Tgt Ion:	252	Resp:	585860
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	17.0	8.2	12.4#



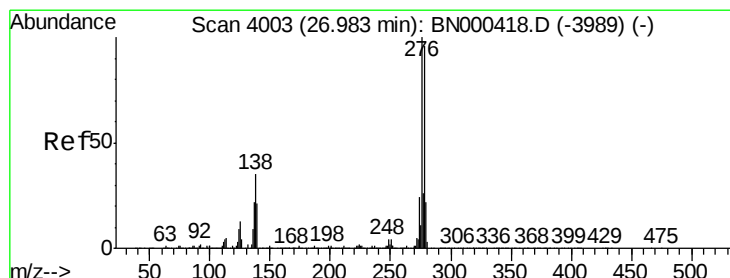
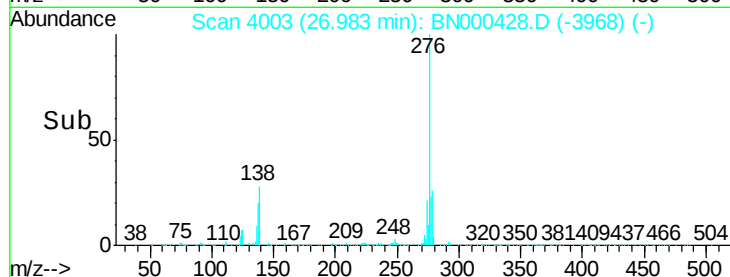
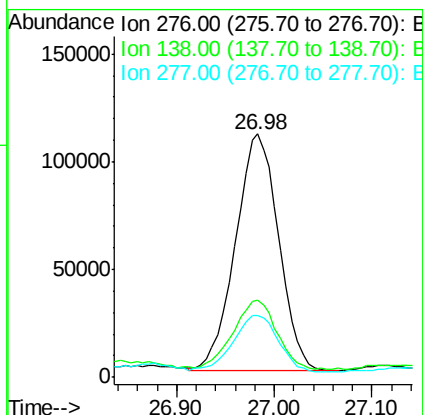
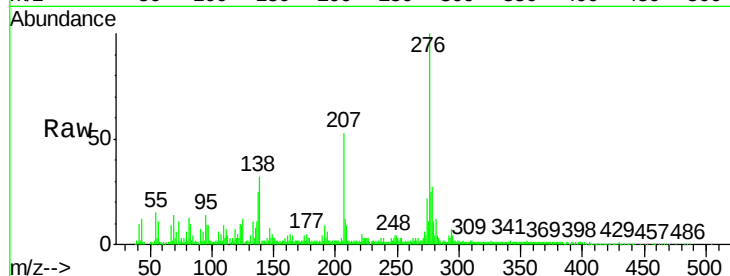


#27

Indeno(1,2,3-cd)pyrene
Concen: 4.820 ng/ul
RT: 26.98 min Scan# 4003
Delta R.T. 0.01 min
Lab File: BN000428.D
Acq: 15 Mar 2018 22:22

Instrument :
BNA_N
ClientSampleId :

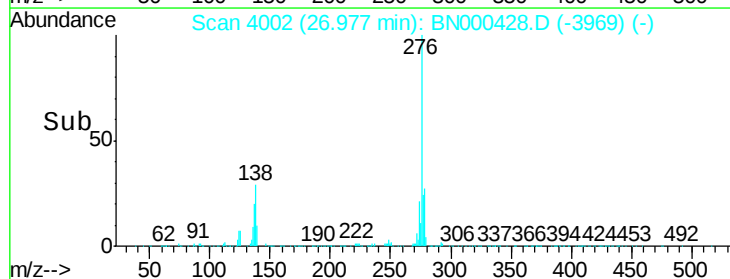
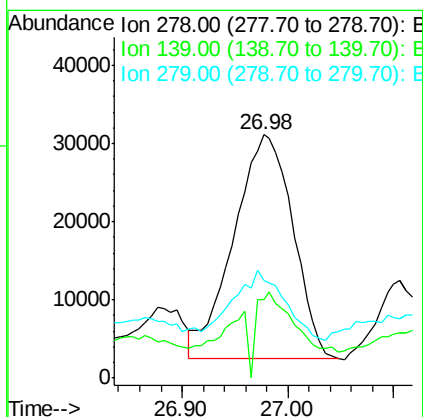
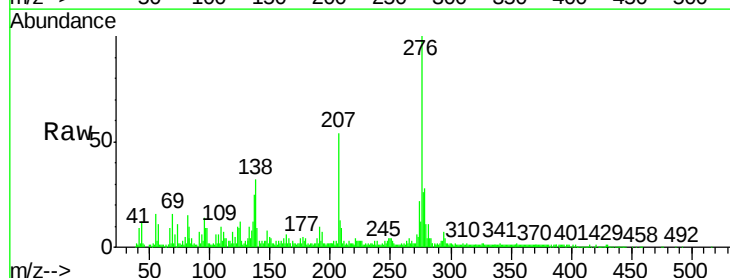
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	14.4	21.6#
277	25.4	18.0	27.0

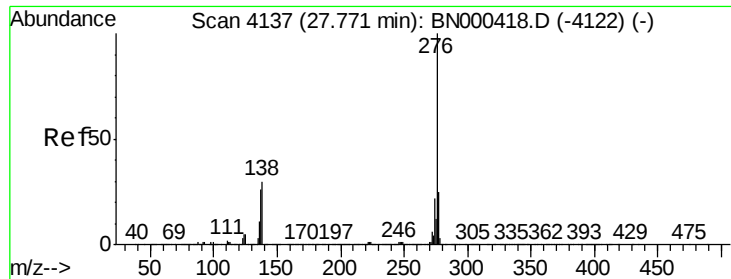


#28

Dibenzo(a,h)anthracene
Concen: 1.928 ng/ul
RT: 26.98 min Scan# 4002
Delta R.T. -0.01 min
Lab File: BN000428.D
Acq: 15 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.1	12.2	18.4#
279	40.3	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 9.664 ng/ul

RT: 27.79 min Scan# 4140

Delta R.T. 0.02 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

ClientSampleId :

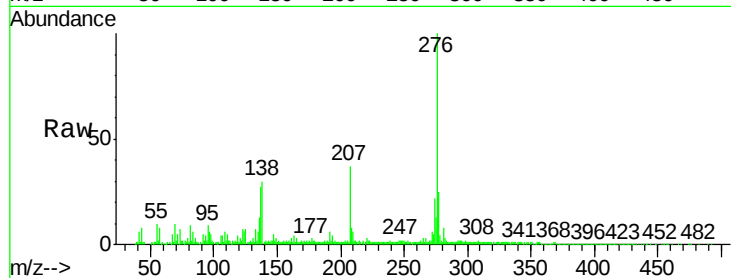
Tot Ion:276 Resp: 568813

Ion Ratio Lower Upper

276 100

138 30.3 15.3 22.9#

277 24.7 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

