

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031218\
 Data File : BN000307.D
 Acq On : 12 Mar 2018 13:10
 Operator : JU/SJ
 Sample : J1843-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM64

Quant Time: Mar 12 13:54:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

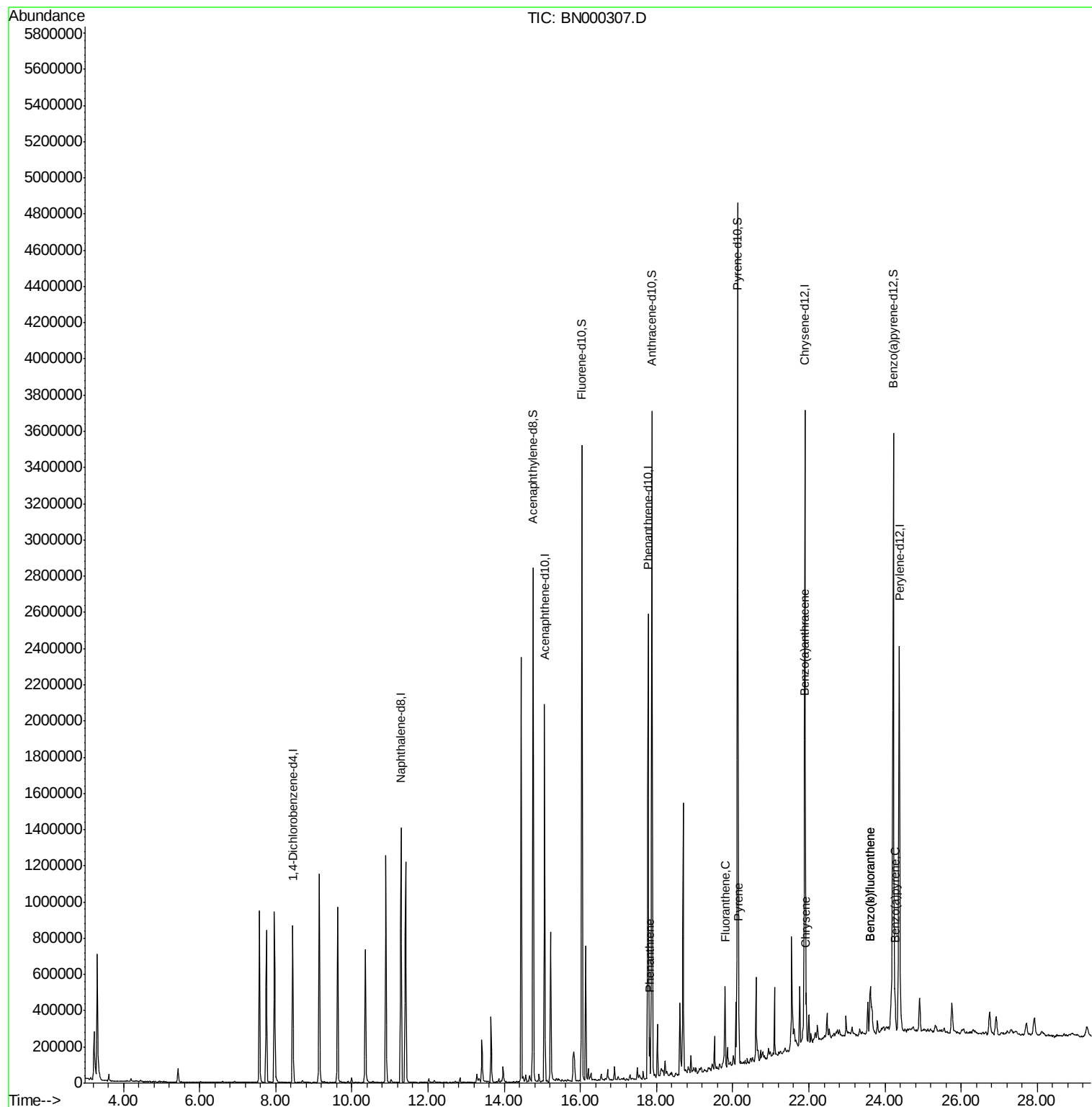
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	235749	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1160386	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	662262	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1412844	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1496614	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1525824	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1934138	29.43	ng/ul	0.00
10) Fluorene-d10	16.04	176	1295207	29.10	ng/ul	0.00
14) Anthracene-d10	17.87	188	1996731	30.25	ng/ul	0.00
18) Pyrene-d10	20.13	212	2236896	30.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2159776	31.00	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.82	178	82519	1.018	ng/ul	99
16) Fluoranthene	19.80	202	240881	2.752	ng/ul	98
19) Pyrene	20.16	202	220455	2.333	ng/ul#	91
20) Benzo(a)anthracene	21.87	228	142087	1.527	ng/ul	98
21) Chrysene	21.93	228	149322	1.691	ng/ul	96
23) Benzo(b)fluoranthene	23.62	252	282060	3.100	ng/ul#	94
24) Benzo(k)fluoranthene	23.62	252	282001	3.311	ng/ul#	94
26) Benzo(a)pyrene	24.26	252	154907	1.789	ng/ul#	93

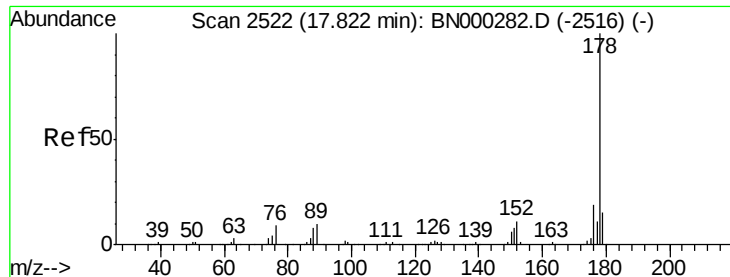
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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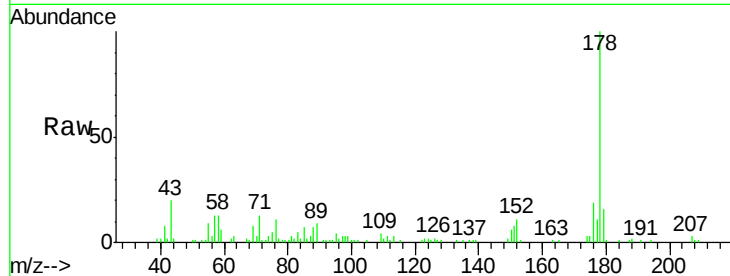




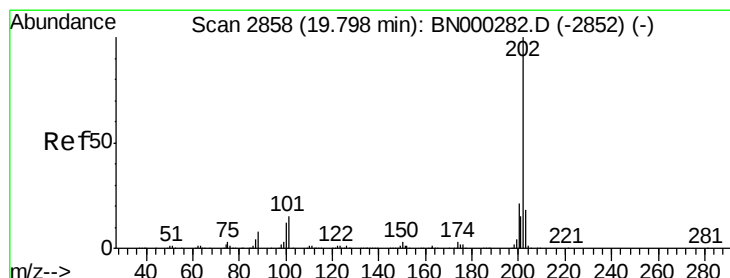
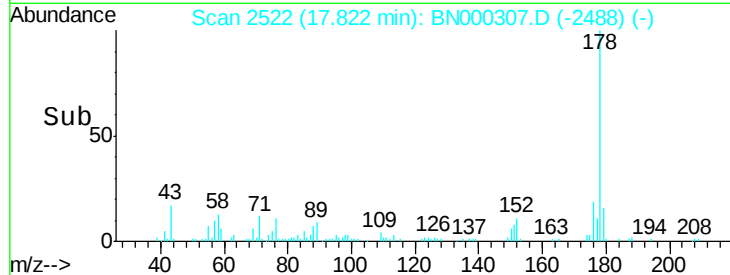
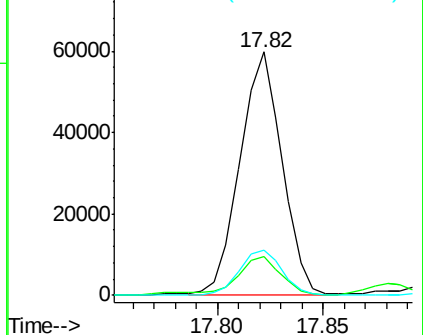
#13
Phenanthrene
Concen: 1.018 ng/ul
RT: 17.82 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BN000307.D
Acq: 12 Mar 2018 13:10

Instrument :
BNA_N
ClientSampleId :
DAM64

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.6	15.1	22.7

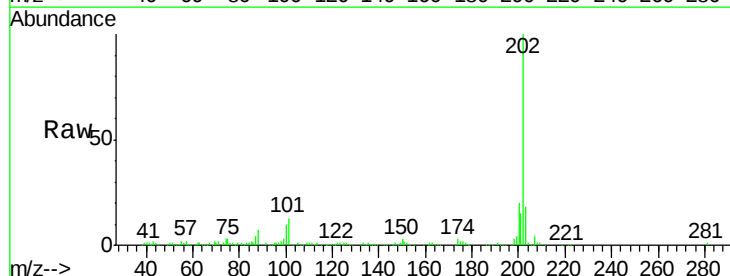


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

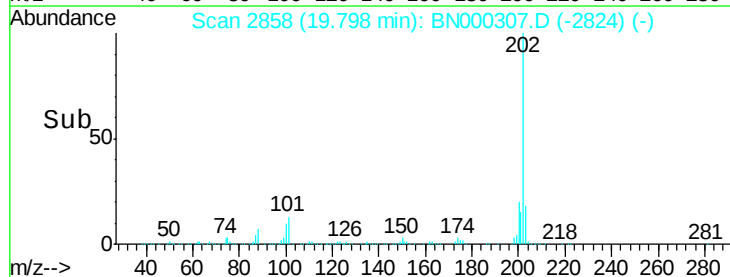
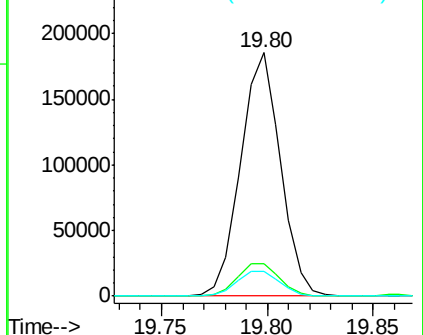


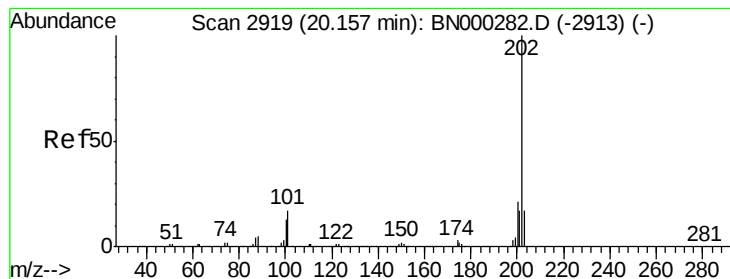
#16
Fluoranthene
Concen: 2.752 ng/ul
RT: 19.80 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN000307.D
Acq: 12 Mar 2018 13:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.9	14.9
100	10.0	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: 2.333 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000307.D

Acq: 12 Mar 2018 13:10

Instrument :

BNA_N

ClientSampleId :

DAM64

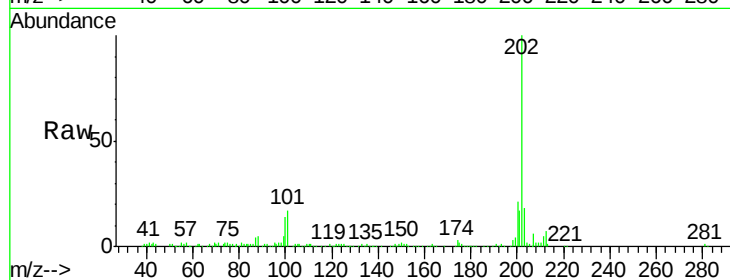
Tot Ion:202 Resp: 220455

Ion Ratio Lower Upper

202 100

101 16.9 11.0 16.4#

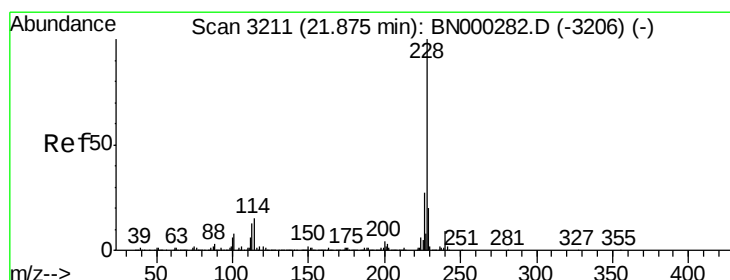
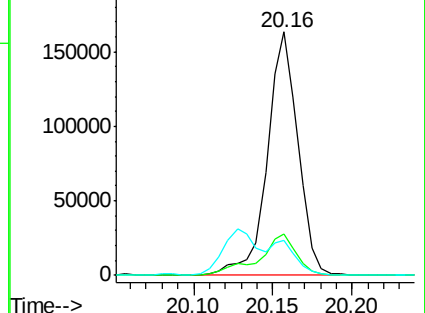
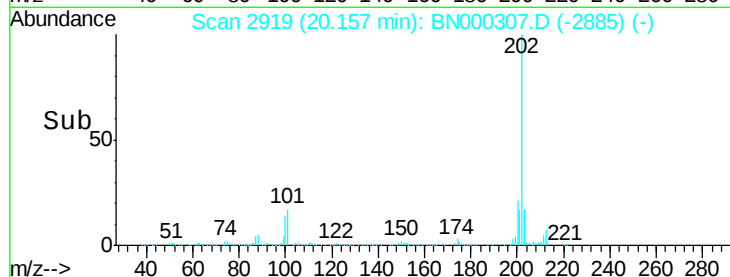
100 14.3 8.1 12.1#



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: 1.527 ng/ul

RT: 21.87 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BN000307.D

Acq: 12 Mar 2018 13:10

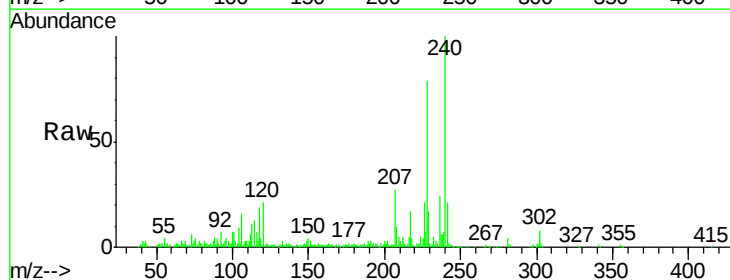
Tgt Ion:228 Resp: 142087

Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

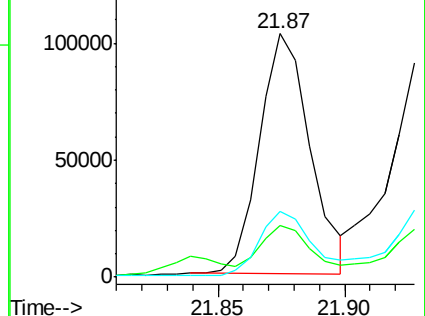
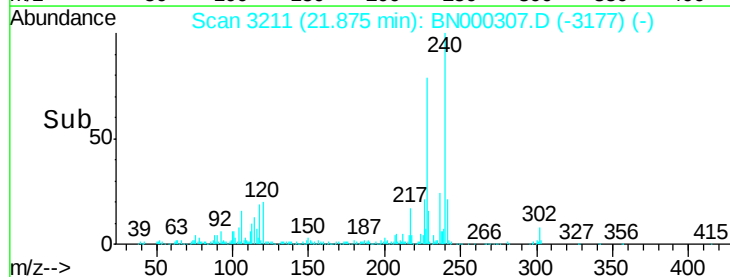
226 26.8 21.1 31.7

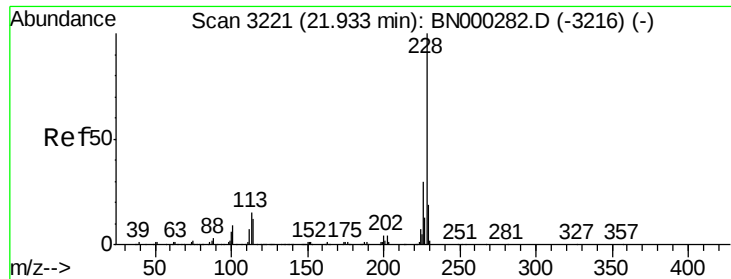


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

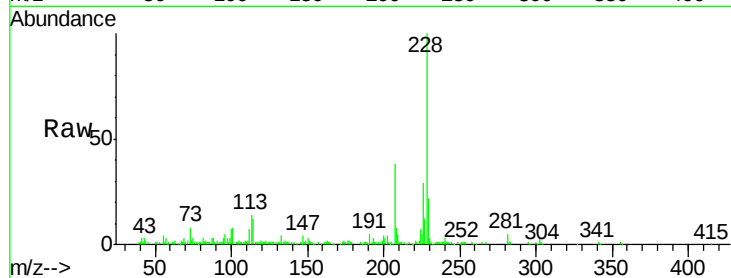




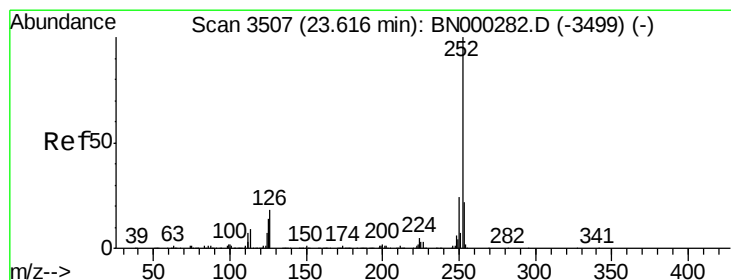
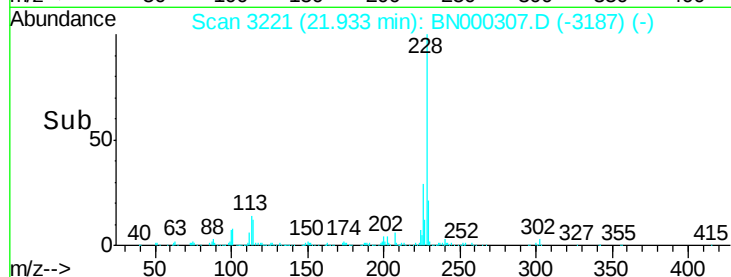
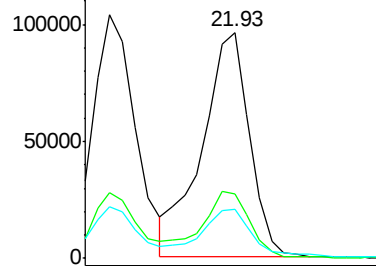
#21
Chrysene
Concen: 1.691 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000307.D
Acq: 12 Mar 2018 13:10

Instrument :
BNA_N
ClientSampleId :
DAM64

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.5	36.7
229	21.9	15.8	23.8

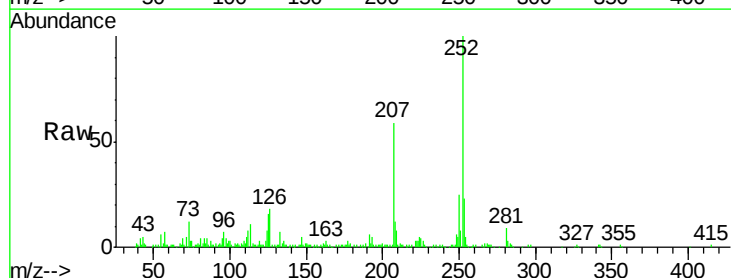


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

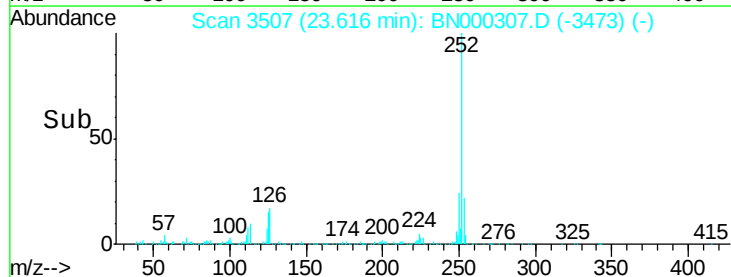
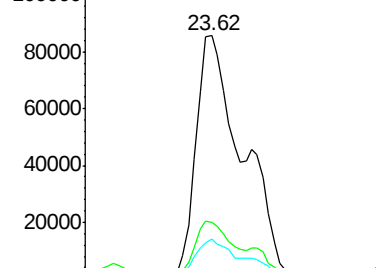


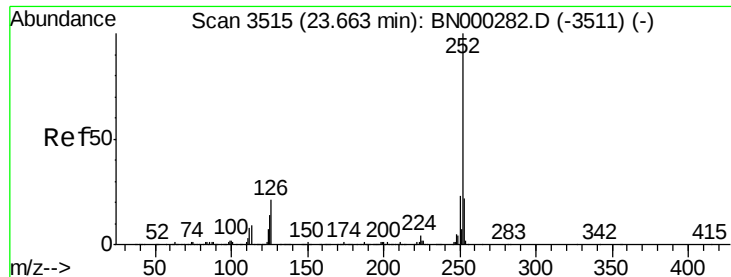
#23
Benzo(b)fluoranthene
Concen: 3.100 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BN000307.D
Acq: 12 Mar 2018 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	16.2	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

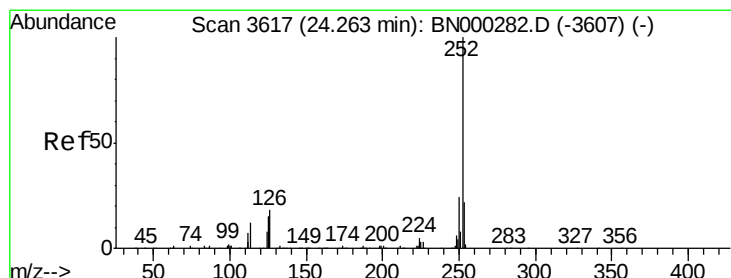
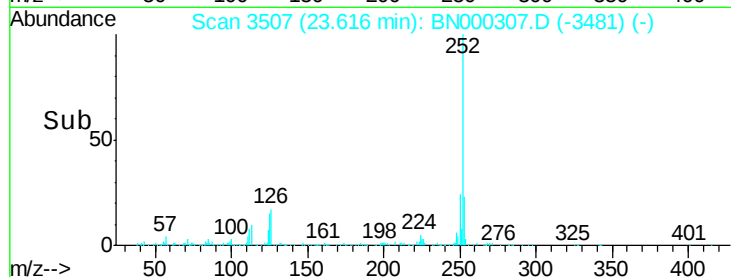
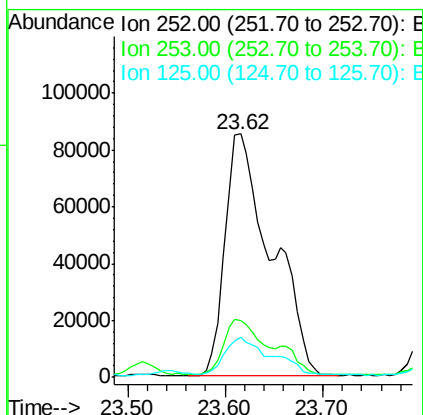
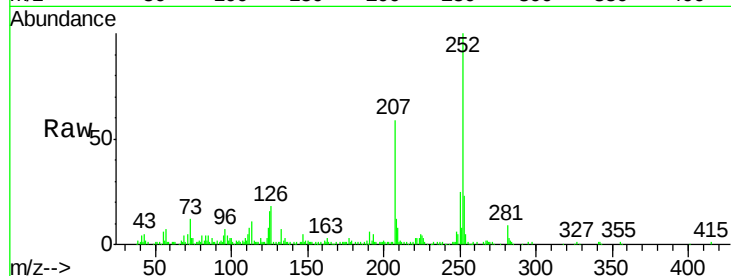




#24
Benzo(k)fluoranthene
Concen: 3.311 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.05 min
Lab File: BN000307.D
Acq: 12 Mar 2018 13:10

Instrument :
BNA_N
ClientSampled :
DAM64

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	16.2	8.1	12.1



#26
Benzo(a)pyrene
Concen: 1.789 ng/ul
RT: 24.26 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BN000307.D
Acq: 12 Mar 2018 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	15.8	8.2	12.4

