

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031218\
 Data File : BN000306.D
 Acq On : 12 Mar 2018 12:36
 Operator : JU/SJ
 Sample : J1843-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM63

Quant Time: Mar 12 13:28:40 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	226835	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1124963	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	649900	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1395555	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1492600	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1528391	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1312941	20.35	ng/ul	0.00
10) Fluorene-d10	16.04	176	889566	20.37	ng/ul	0.00
14) Anthracene-d10	17.87	188	1344709	20.62	ng/ul	0.00
18) Pyrene-d10	20.13	212	1513988	20.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.21	264	1479047	21.19	ng/ul	0.00

Target Compounds

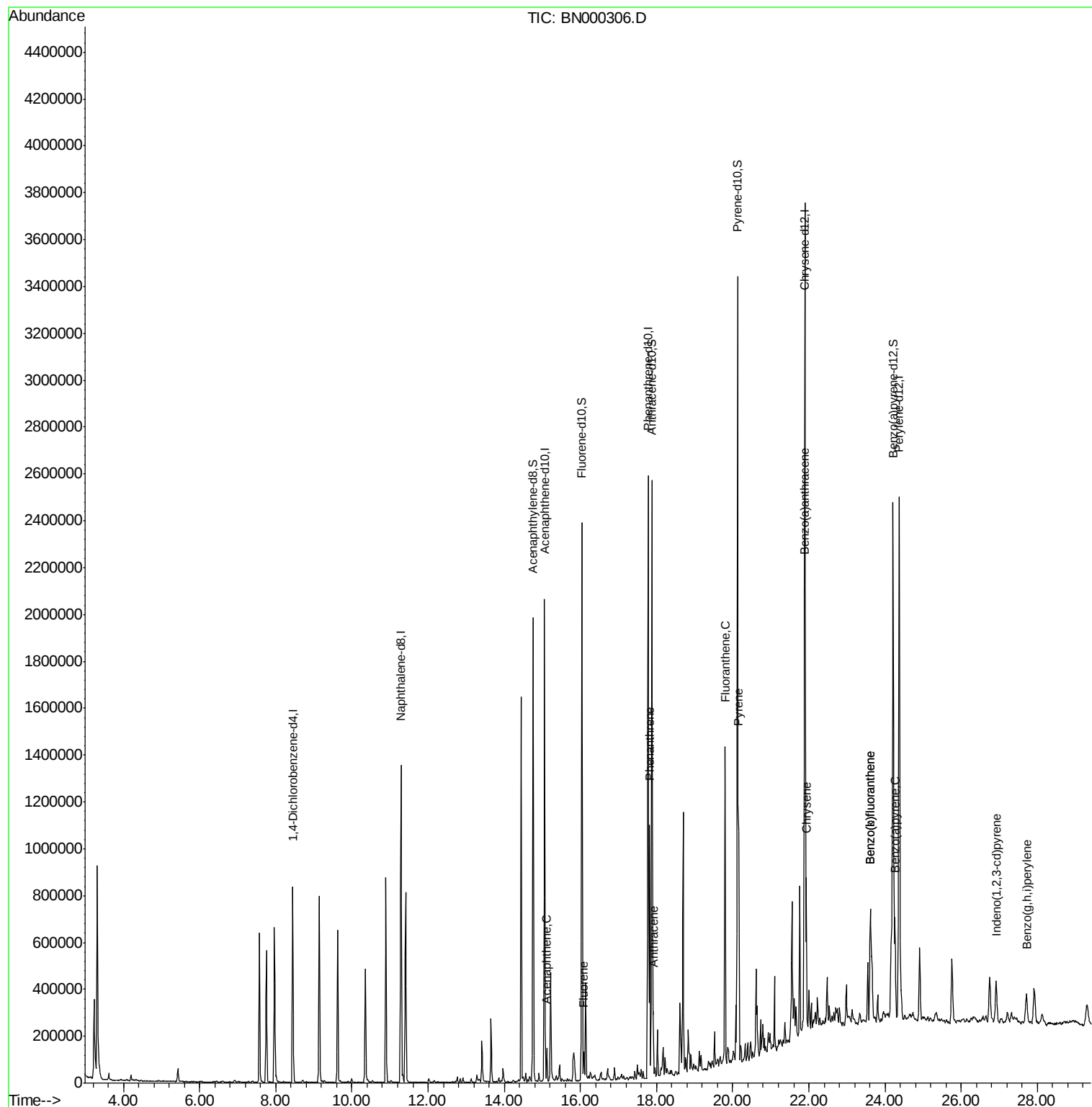
					Ovalue	
9) Acenaphthene	15.12	153	54480	1.208	ng/ul	94
11) Fluorene	16.09	166	50009	1.005	ng/ul	92
13) Phenanthrene	17.82	178	574517	7.178	ng/ul	99
15) Anthracene	17.91	178	146981	1.810	ng/ul	99
16) Fluoranthene	19.80	202	741737	8.578	ng/ul	95
19) Pyrene	20.16	202	671449	7.125	ng/ul#	90
20) Benzo(a)anthracene	21.87	228	369819	3.985	ng/ul	99
21) Chrysene	21.93	228	337529	3.833	ng/ul	98
23) Benzo(b)fluoranthene	23.62	252	396757	4.353	ng/ul#	95
24) Benzo(k)fluoranthene	23.62	252	396757	4.651	ng/ul#	95
26) Benzo(a)pyrene	24.26	252	308674	3.559	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.92	276	153519	1.641	ng/ul#	87
29) Benzo(a,h,i)perylene	27.71	276	142768	1.828	ng/ul#	88

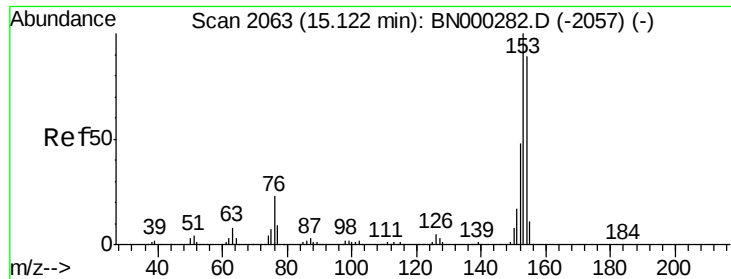
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 1.208 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Instrument :

BNA_N

ClientSampled :

DAM63

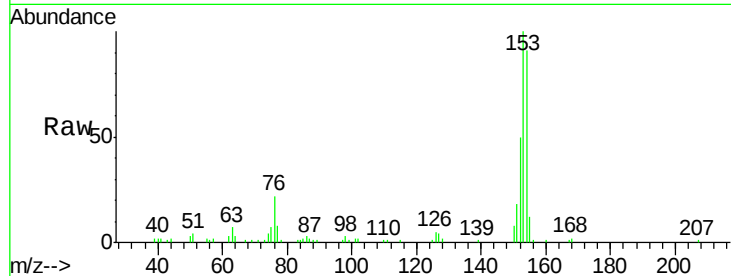
Tot Ion:153 Resp: 54480

Ion Ratio Lower Upper

153 100

152 49.9 39.0 58.6

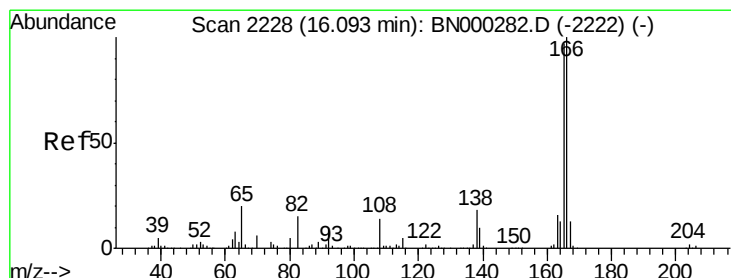
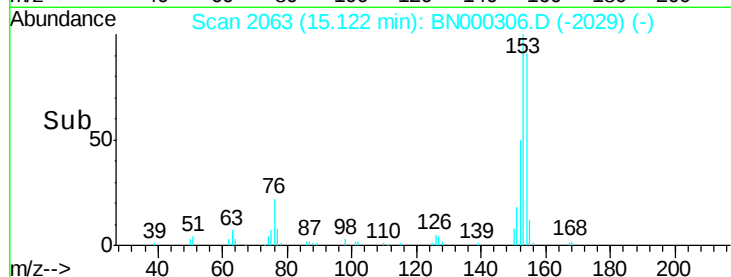
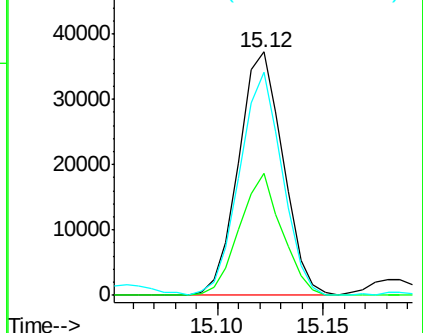
154 91.4 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 1.005 ng/ul

RT: 16.09 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

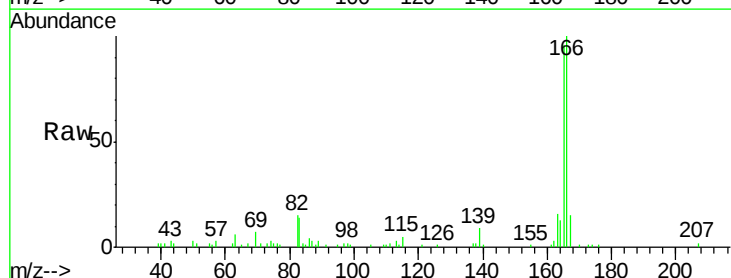
Tgt Ion:166 Resp: 50009

Ion Ratio Lower Upper

166 100

165 95.5 83.8 125.8

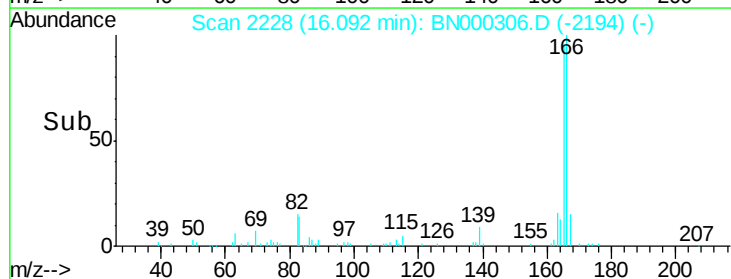
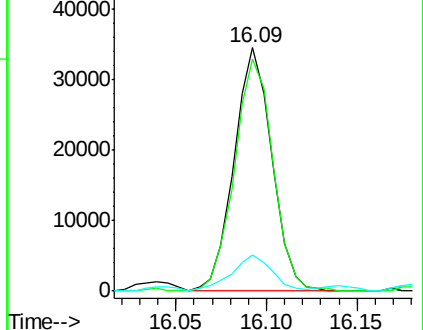
167 15.1 11.5 17.3

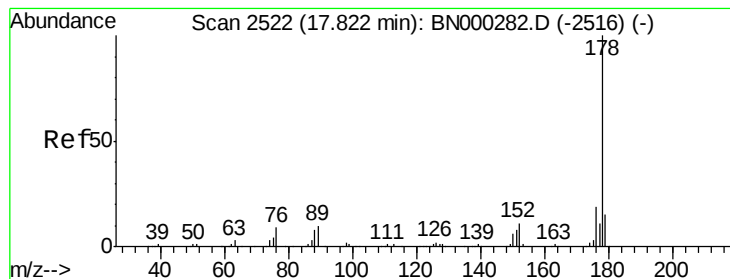


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 7.178 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Instrument :

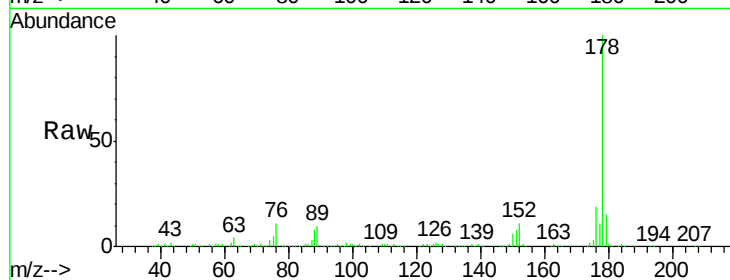
BNA_N

ClientSampled :

DAM63

Tot Ion:178 Resp: 574517

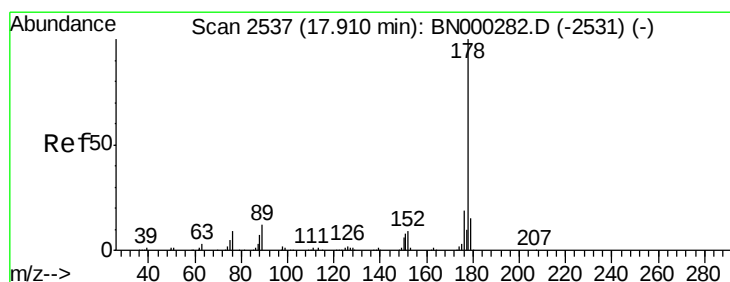
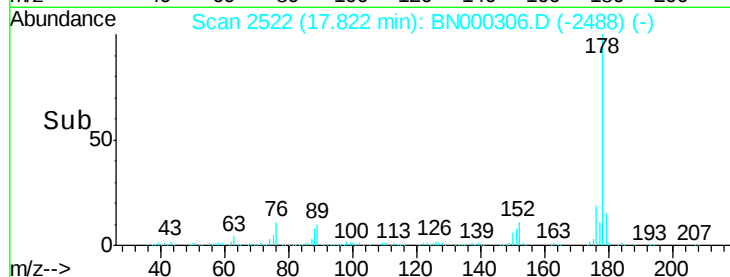
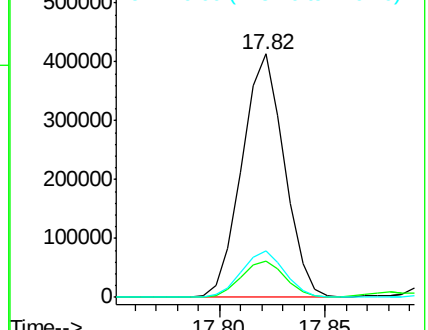
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.3	15.1	22.7



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: 1.810 ng/ul

RT: 17.91 min Scan# 2537

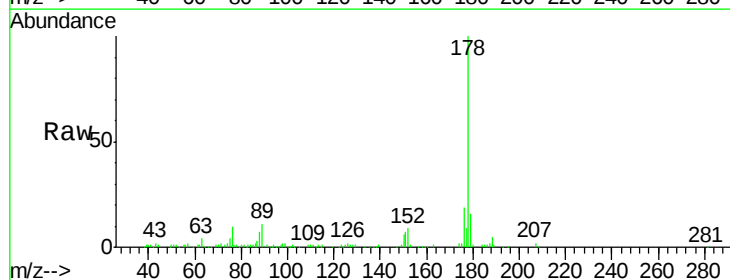
Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Tgt Ion:178 Resp: 146981

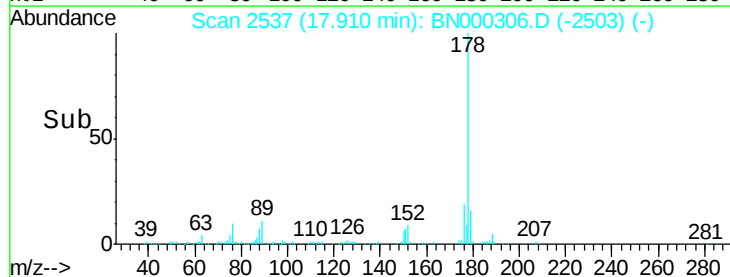
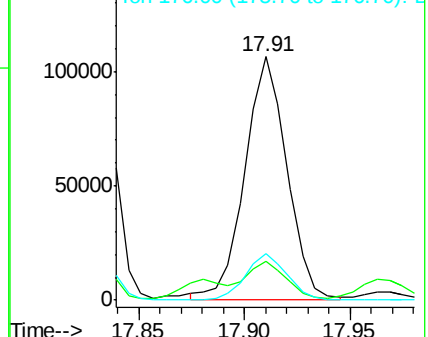
Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.2	15.2	22.8

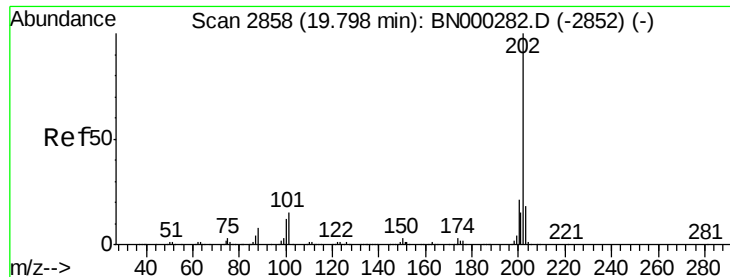


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

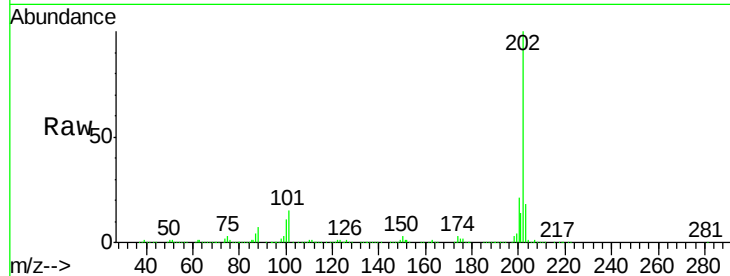




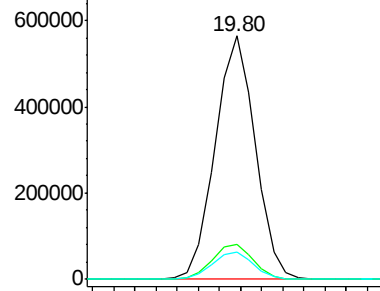
#16
Fluoranthene
Concen: 8.578 ng/ul
RT: 19.80 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Instrument :
BNA_N
ClientSampleId :
DAM63

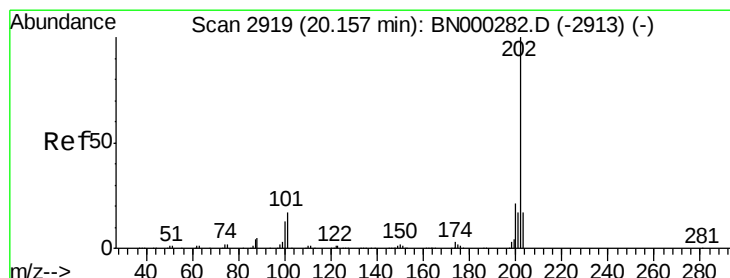
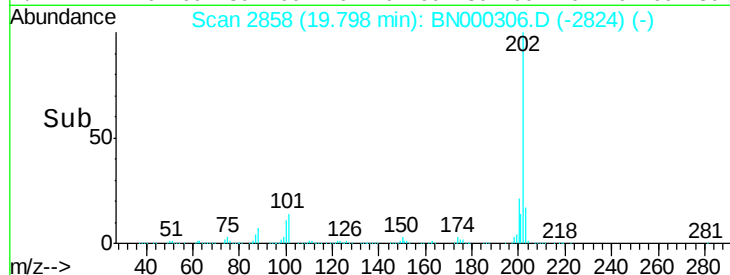
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.9	14.9
100	11.0	7.4	11.0



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

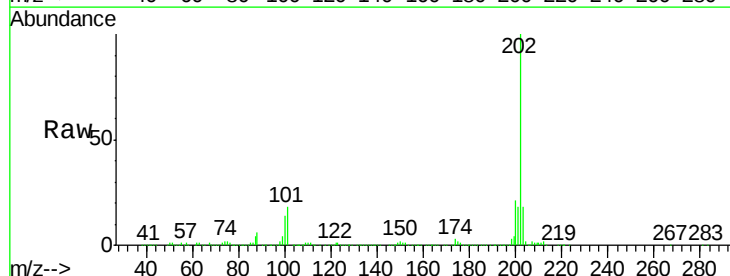


Time-->

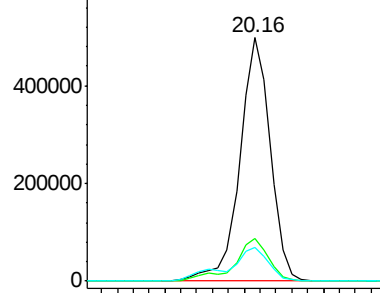


#19
Pyrene
Concen: 7.125 ng/ul
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

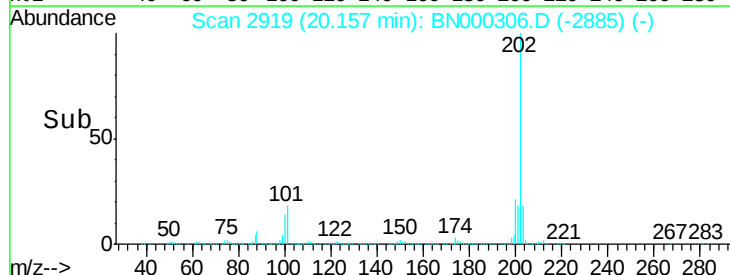
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.7	11.0	16.4#
100	13.6	8.1	12.1#

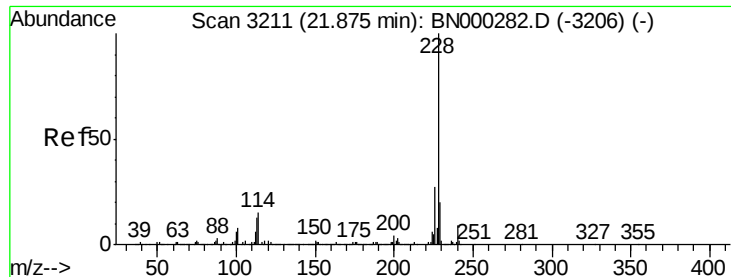


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->

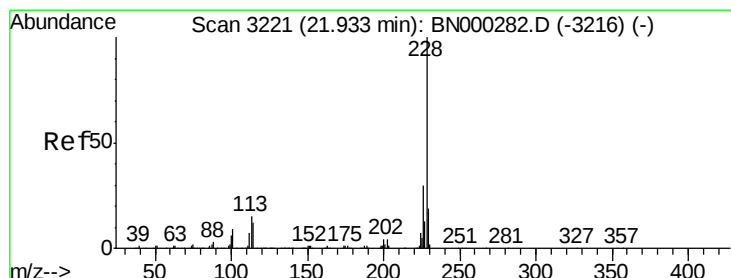
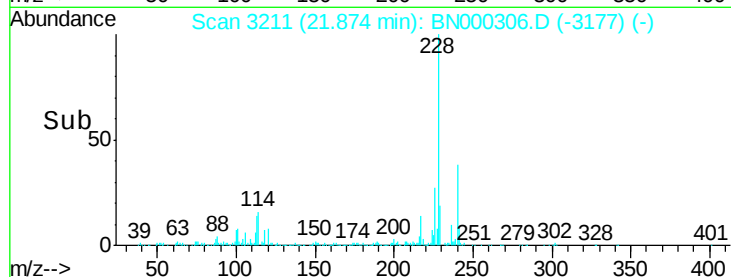
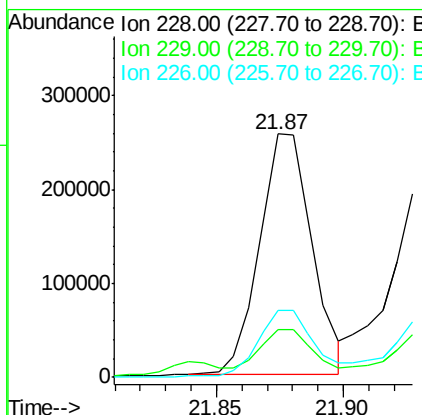
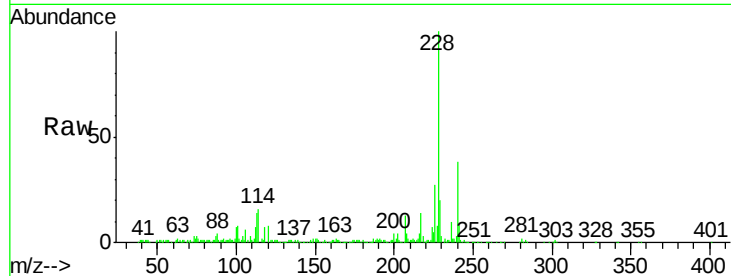




#20
Benzo(a)anthracene
Concen: 3.985 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

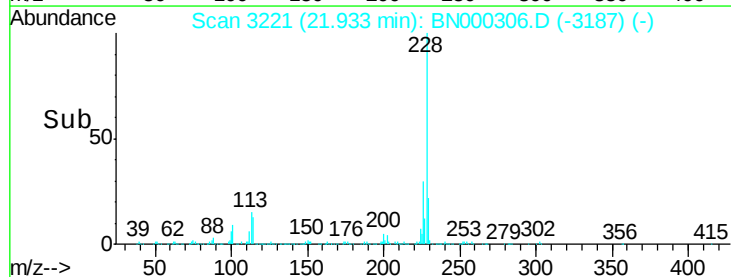
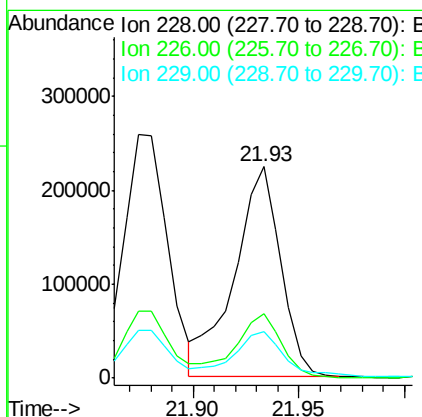
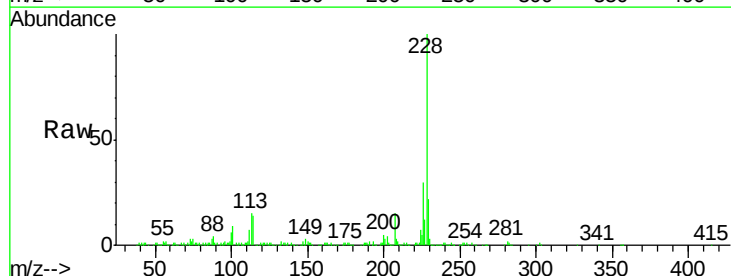
Instrument :
BNA_N
ClientSampleId :
DAM63

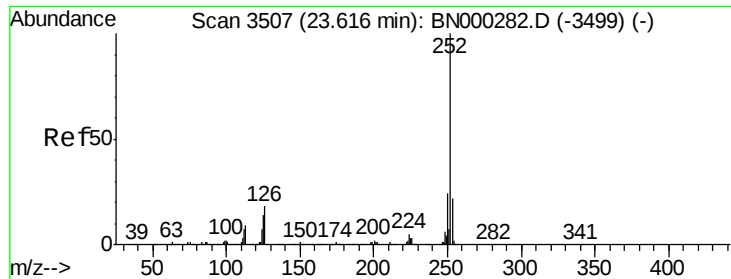
Tot Ion:228 Resp: 369819
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.4 21.1 31.7



#21
Chrysene
Concen: 3.833 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Tgt Ion:228 Resp: 337529
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 22.2 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 4.353 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Instrument :

BNA_N

ClientSampleId :

DAM63

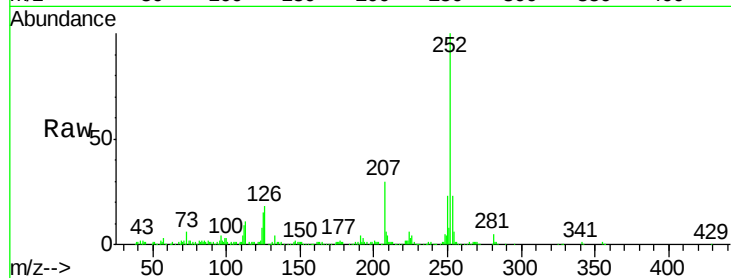
Tot Ion:252 Resp: 396757

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

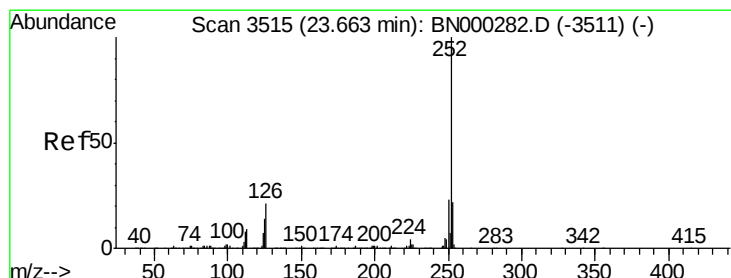
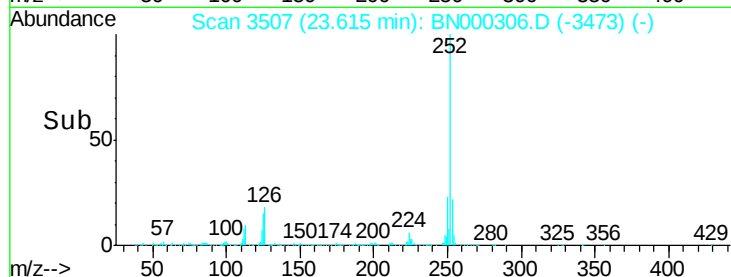
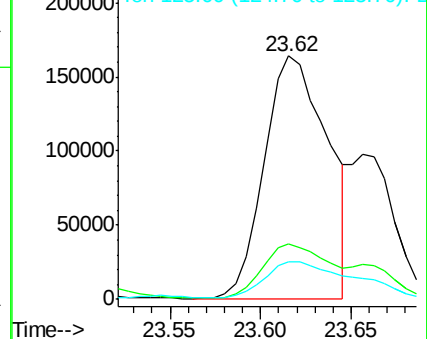
125 15.3 8.0 12.0#



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: 4.651 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.05 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

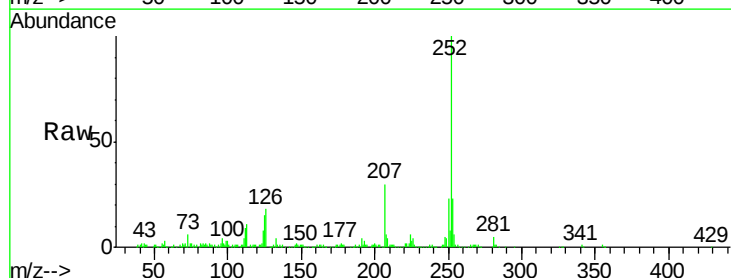
Tgt Ion:252 Resp: 396757

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

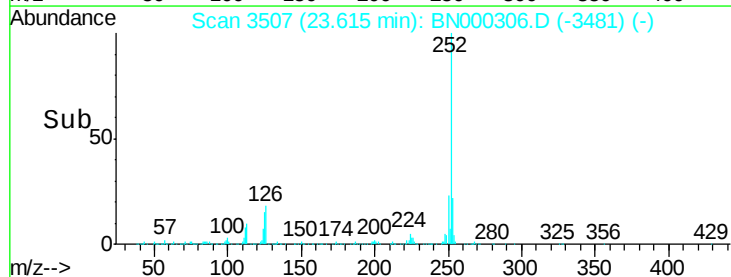
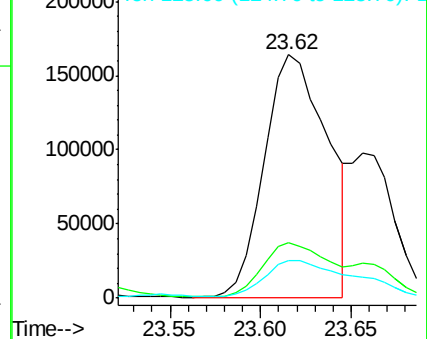
125 15.3 8.1 12.1#

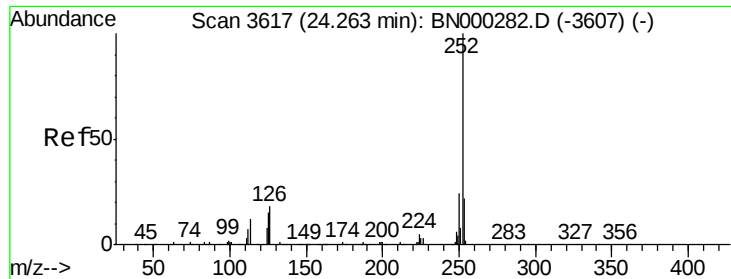


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

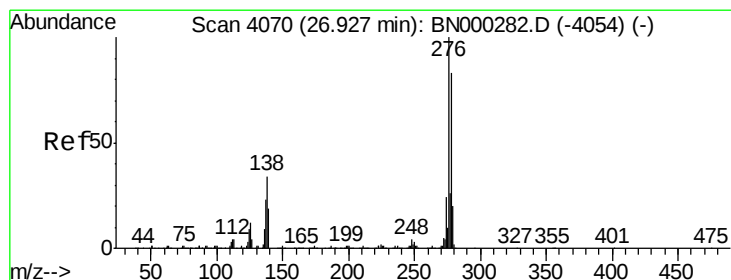
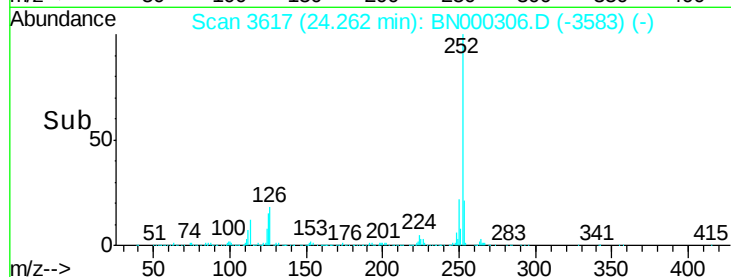
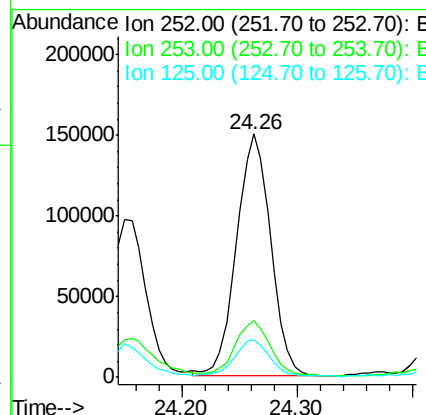
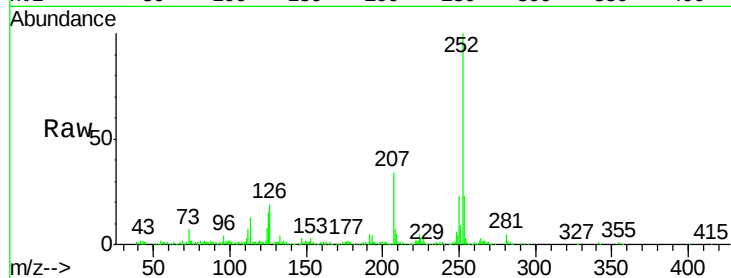




#26
Benzo(a)pyrene
Concen: 3.559 ng/ul
RT: 24.26 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

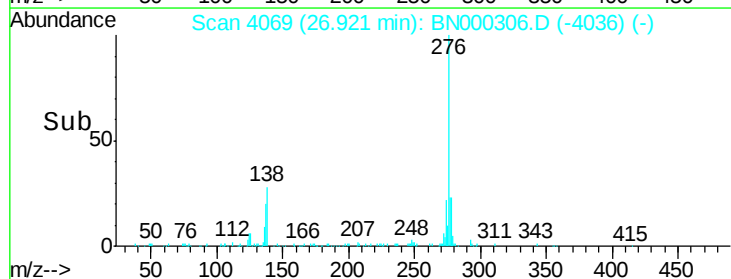
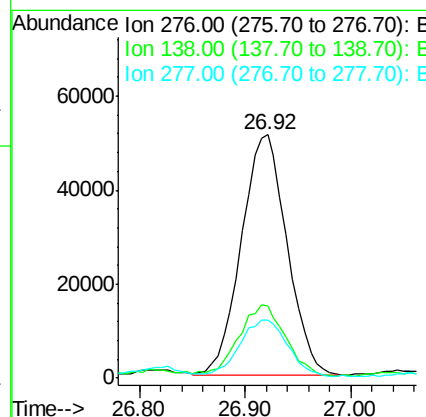
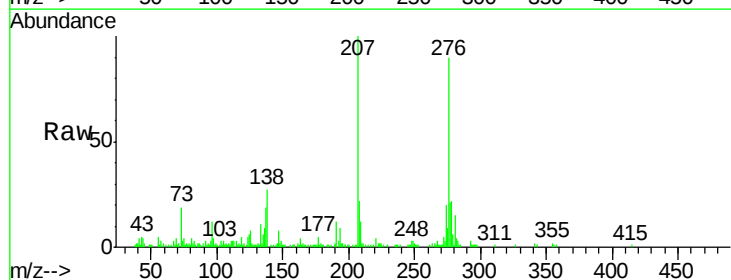
Instrument :
BNA_N
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DAM63

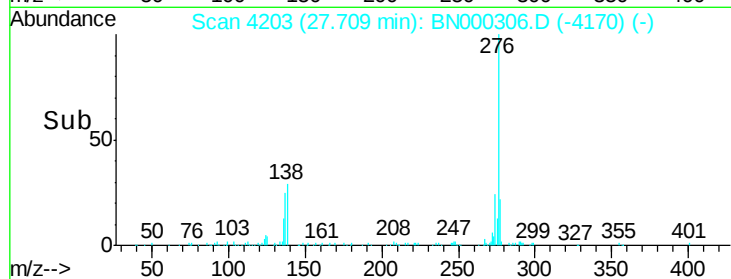
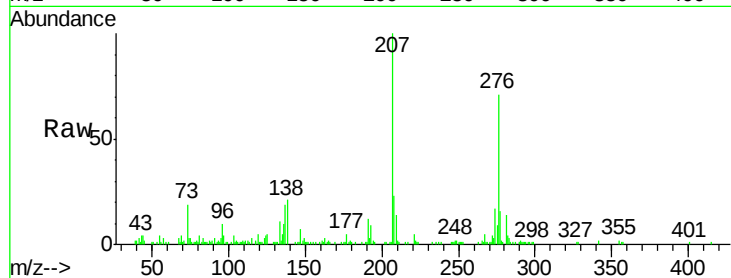
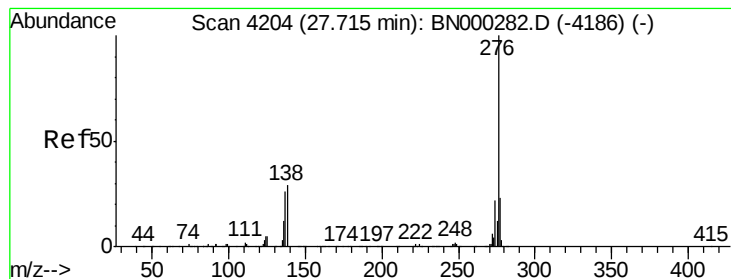
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	15.4	8.2	12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.641 ng/ul
RT: 26.92 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN000306.D
Acq: 12 Mar 2018 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.4	21.6
277	23.6	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 1.828 ng/ul

RT: 27.71 min Scan# 4203

Delta R.T. -0.01 min

Lab File: BN000306.D

Acq: 12 Mar 2018 12:36

Instrument :

BNA_N

ClientSampleId :

DAM63

Tot Ion: 276 Resp: 142768

Ion Ratio Lower Upper

276 100

138 29.8 15.3 22.9#

277 22.5 19.0 28.4

