

Data Path : Z:\HPCHEM1\BNA_N\Data\BN031218\
 Data File : BN000312.D
 Acq On : 12 Mar 2018 16:03
 Operator : JU/SJ
 Sample : J1843-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM90

Quant Time: Mar 12 16:33:49 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 12 15:04:53 2018
 Response via : Initial Calibration

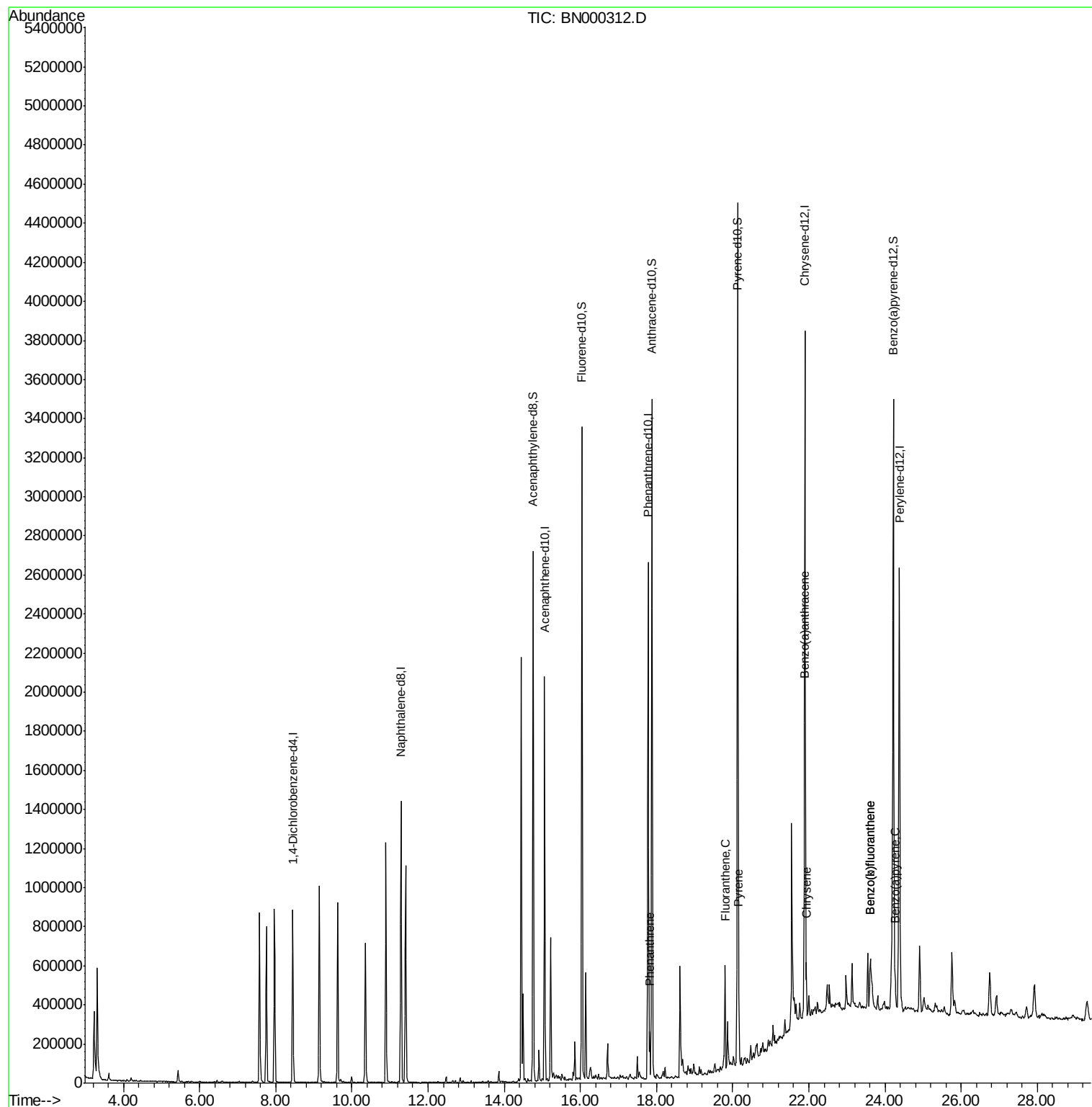
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	239390	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1189014	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	677323	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1458061	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1577135	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1601843	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1846781	27.47	ng/ul	0.00
10) Fluorene-d10	16.04	176	1240514	27.25	ng/ul	0.00
14) Anthracene-d10	17.88	188	1851480	27.18	ng/ul	0.00
18) Pyrene-d10	20.13	212	2099625	27.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2048383	28.00	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.82	178	124900	1.494	ng/ul	98
16) Fluoranthene	19.80	202	284234	3.146	ng/ul#	94
19) Pyrene	20.16	202	234550	2.356	ng/ul#	90
20) Benzo(a)anthracene	21.87	228	154088	1.572	ng/ul	98
21) Chrysene	21.93	228	155704	1.673	ng/ul	98
23) Benzo(b)fluoranthene	23.62	252	265031	2.775	ng/ul#	92
24) Benzo(k)fluoranthene	23.62	252	264828	2.962	ng/ul#	93
26) Benzo(a)pyrene	24.26	252	124997	1.375	ng/ul#	92

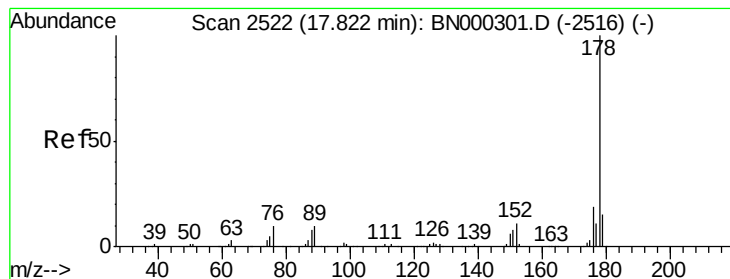
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 12 15:04:53 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.494 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000312.D

Acq: 12 Mar 2018 16:03

Instrument :

BNA_N

ClientSampleId :

DAM90

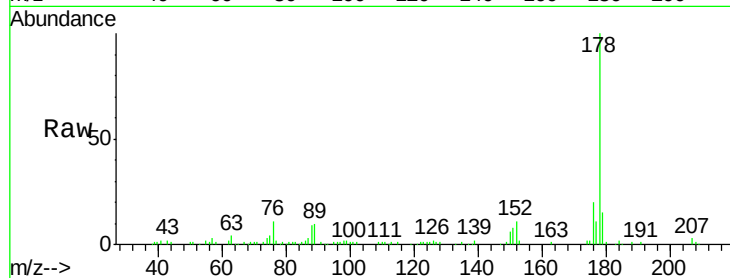
Tgt Ion:178 Resp: 124900

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

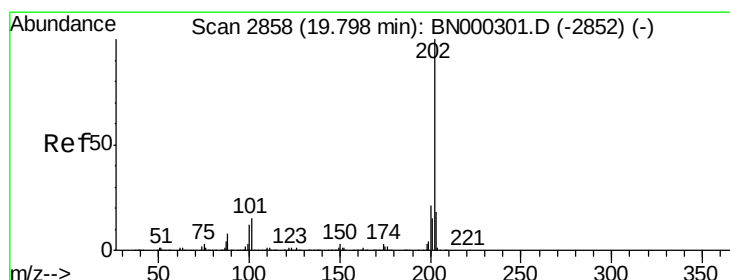
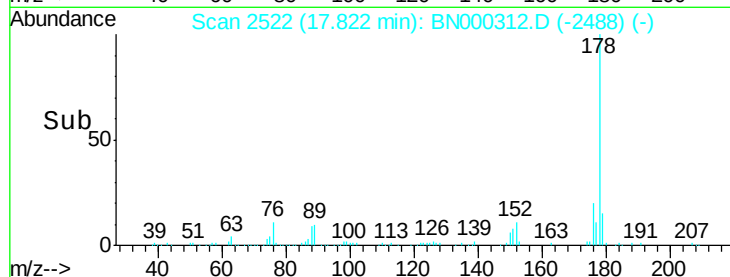
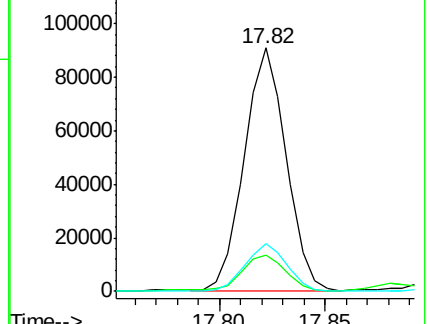
176 19.8 15.1 22.7



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: 3.146 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BN000312.D

Acq: 12 Mar 2018 16:03

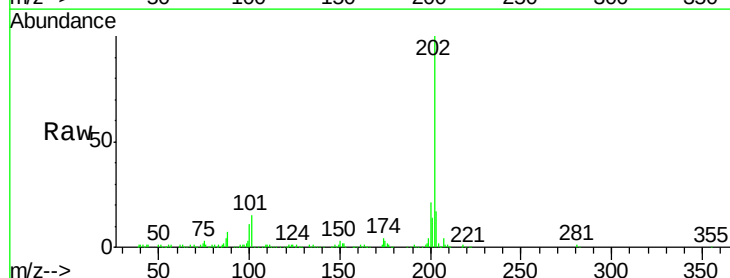
Tgt Ion:202 Resp: 284234

Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

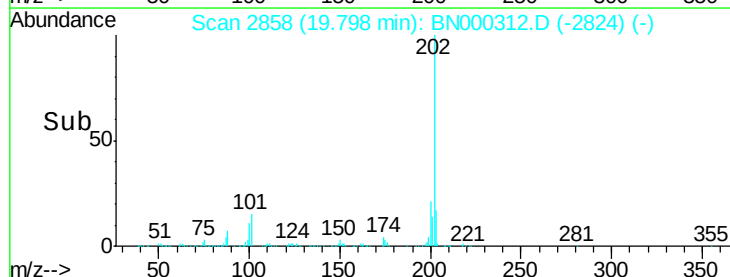
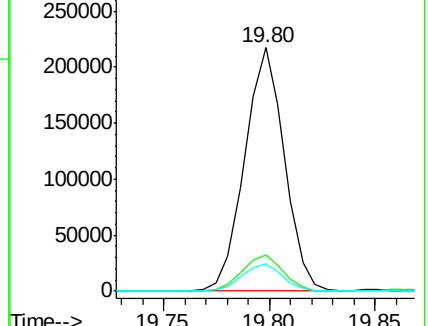
100 11.1 7.4 11.0#

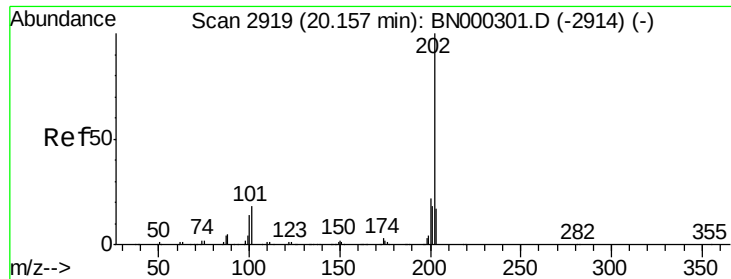


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 2.356 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000312.D

Acq: 12 Mar 2018 16:03

Instrument :

BNA_N

ClientSampleId :

DAM90

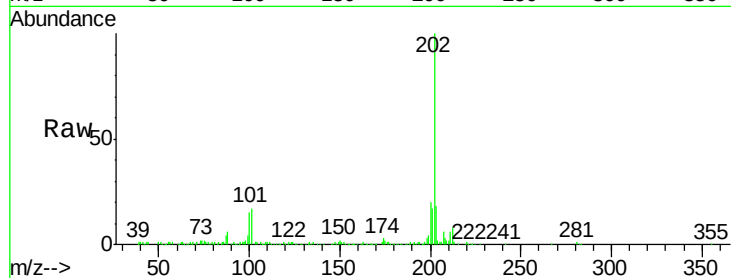
Tgt Ion:202 Resp: 234550

Ion Ratio Lower Upper

202 100

101 16.8 11.0 16.4#

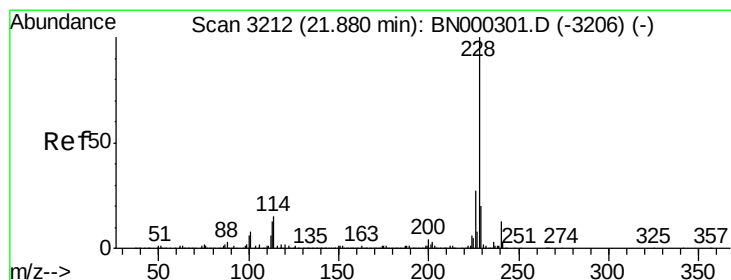
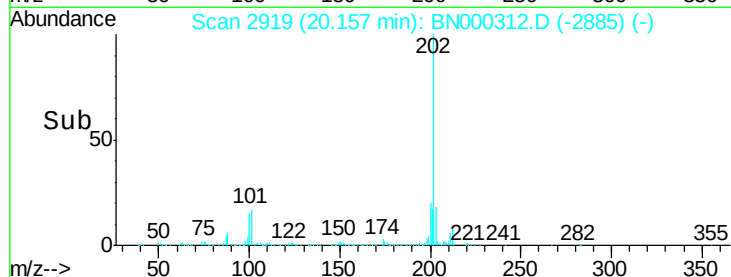
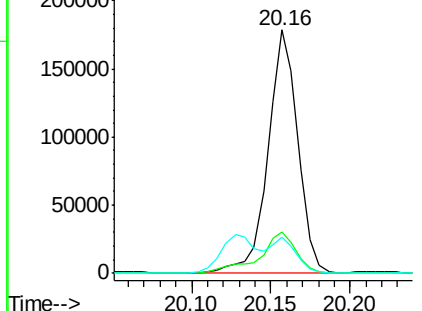
100 15.1 8.1 12.1#



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: 1.572 ng/ul

RT: 21.87 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BN000312.D

Acq: 12 Mar 2018 16:03

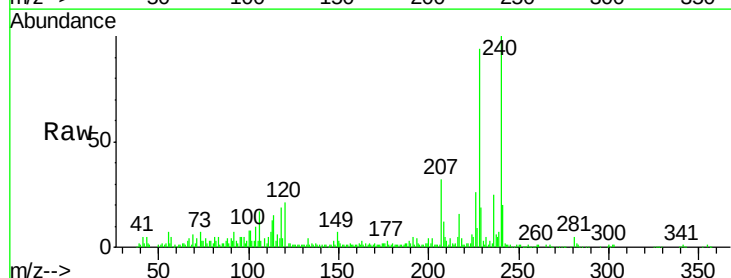
Tgt Ion:228 Resp: 154088

Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

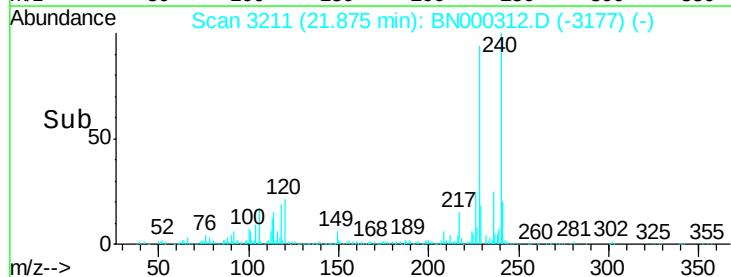
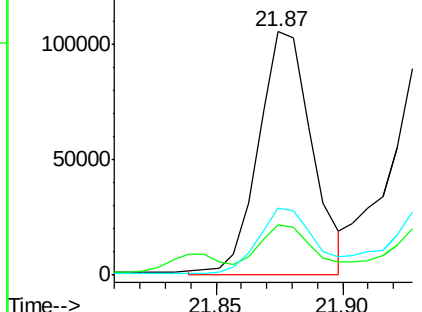
226 27.7 21.1 31.7

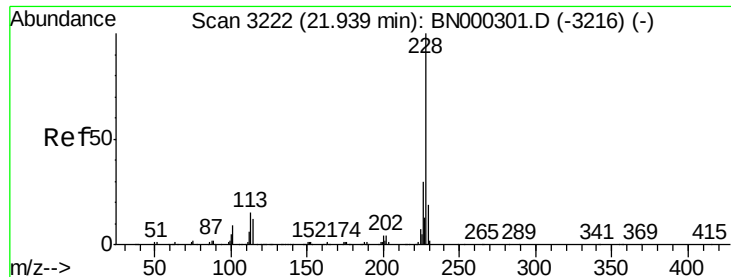


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.673 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BN000312.D

Acq: 12 Mar 2018 16:03

Instrument :

BNA_N

ClientSampled :

DAM90

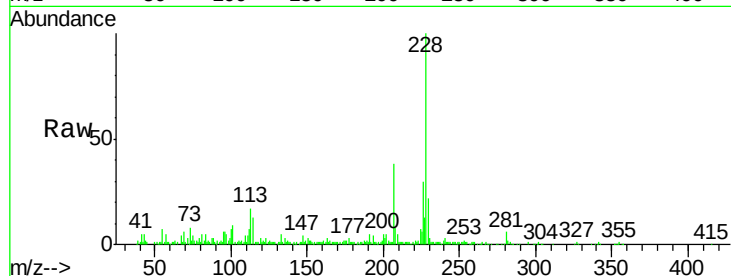
Tgt Ion: 228 Resp: 155704

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

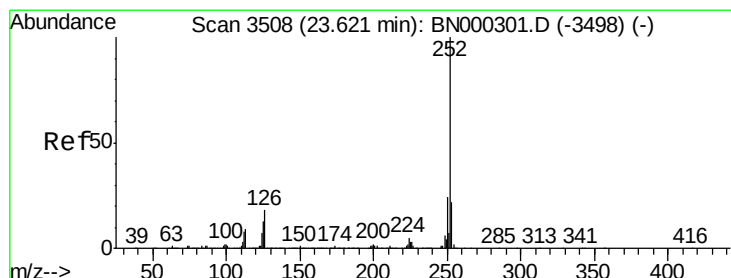
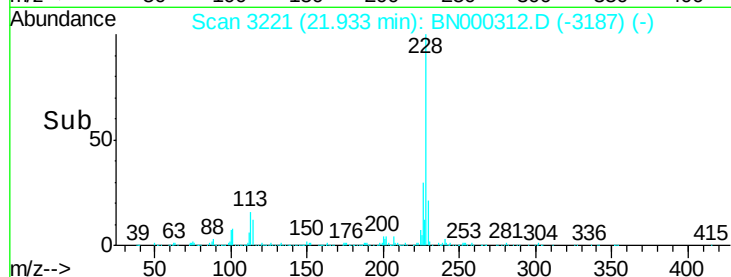
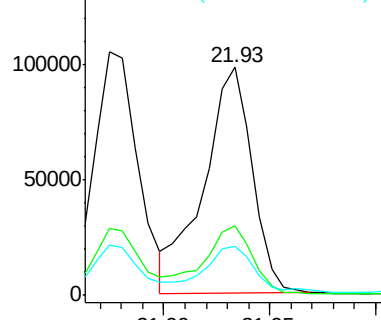
229 21.8 15.8 23.8



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: 2.775 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000312.D

Acq: 12 Mar 2018 16:03

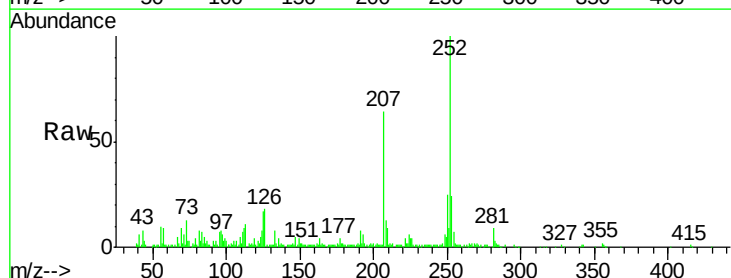
Tgt Ion: 252 Resp: 265031

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

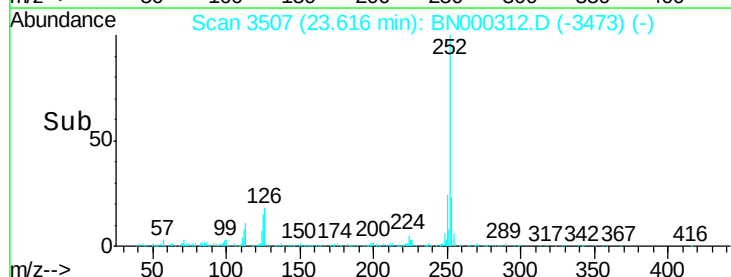
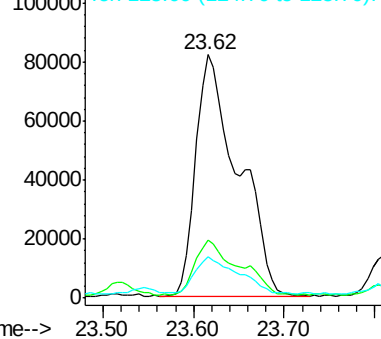
125 17.0 8.0 12.0#

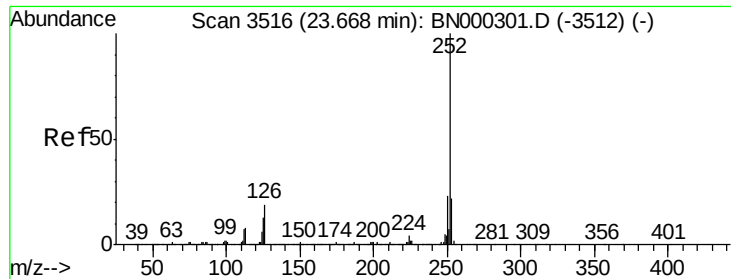


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

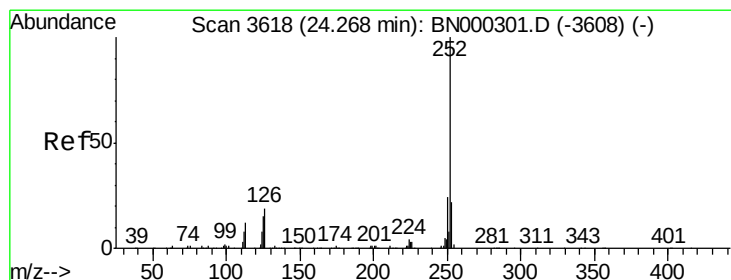
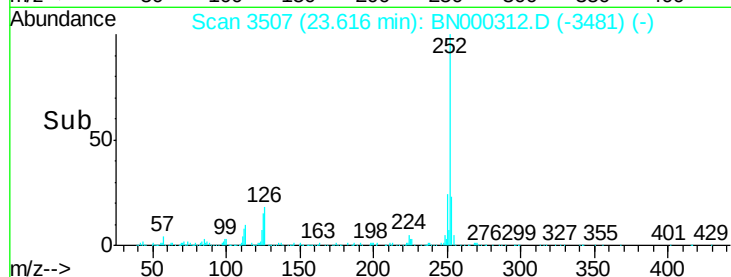
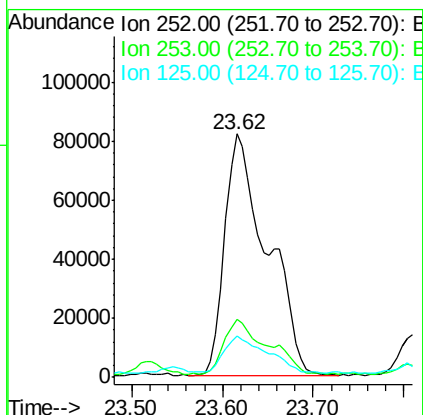
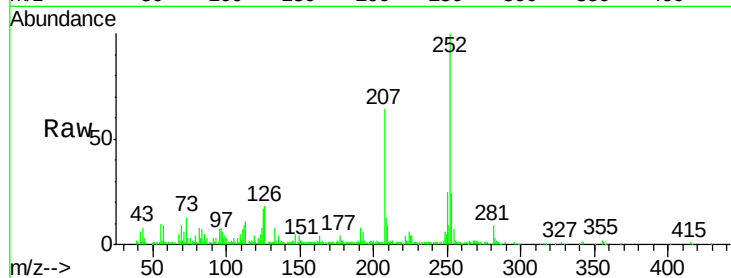




#24
Benzo(k)fluoranthene
Concen: 2.962 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.05 min
Lab File: BN000312.D
Acq: 12 Mar 2018 16:03

Instrument :
BNA_N
ClientSampled :
DAM90

Tgt Ion: 252 Resp: 264828
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 17.0 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 1.375 ng/ul
RT: 24.26 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BN000312.D
Acq: 12 Mar 2018 16:03

Tgt Ion: 252 Resp: 124997
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 16.5 8.2 12.4#

