

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000343.D
 Acq On : 13 Mar 2018 11:47
 Operator : JU/SJ
 Sample : J1845-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM96

Quant Time: Mar 14 05:43:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 05:40:51 2018
 Response via : Initial Calibration

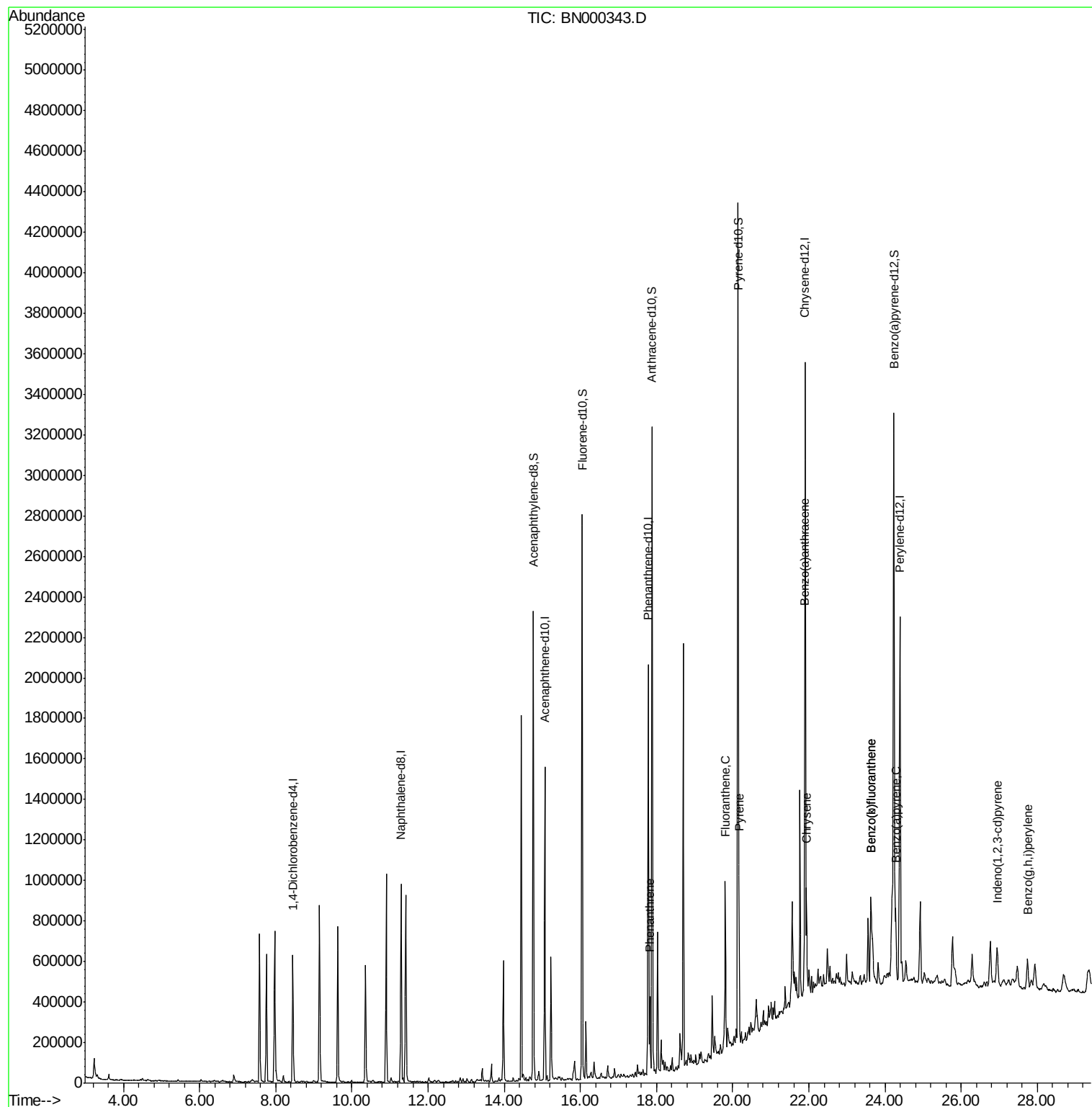
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	167397	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	827426	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	489894	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1125957	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1280139	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1277261	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1579896	32.49	ng/ul	0.00
10) Fluorene-d10	16.05	176	1053262	31.99	ng/ul	0.00
14) Anthracene-d10	17.88	188	1683234	32.00	ng/ul	0.00
18) Pyrene-d10	20.14	212	1940034	30.98	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1877649	32.19	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	186136	2.883	ng/ul	98
16) Fluoranthene	19.80	202	449555	6.444	ng/ul#	93
19) Pyrene	20.17	202	422996	5.234	ng/ul#	92
20) Benzo(a)anthracene	21.89	228	251012	3.154	ng/ul	98
21) Chrysene	21.94	228	255359	3.381	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	382209	5.018	ng/ul#	94
24) Benzo(k)fluoranthene	23.63	252	478385	6.710	ng/ul#	95
26) Benzo(a)pyrene	24.28	252	244870	3.378	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.94	276	164154	2.100	ng/ul#	86
29) Benzo(g,h,i)perylene	27.74	276	164899	2.527	ng/ul#	90

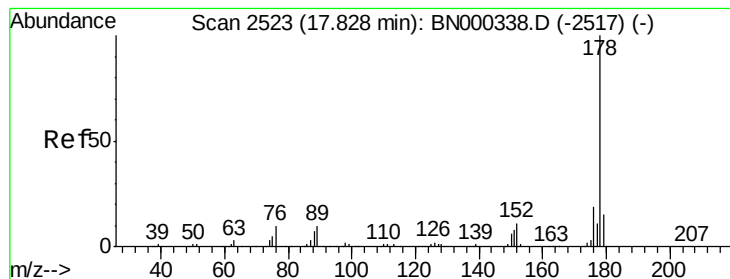
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.883 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

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BNA_N

ClientSampleId :

DAM96

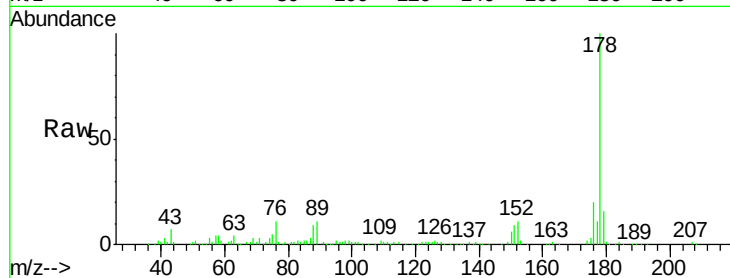
Tot Ion:178 Resp: 186136

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

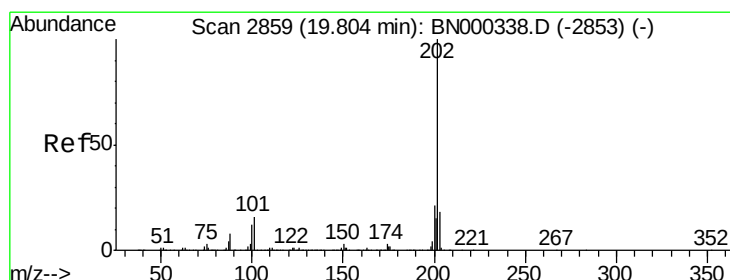
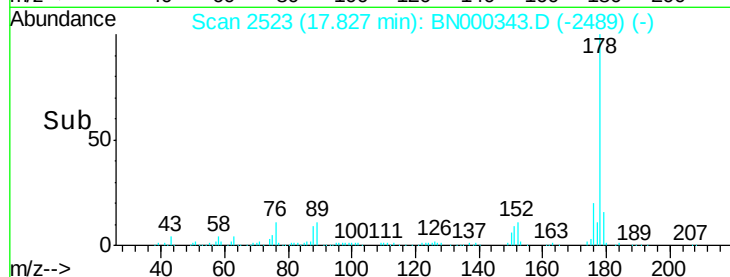
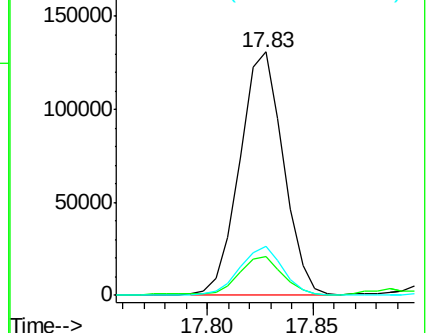
176 20.3 15.1 22.7



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



#16

Fluoranthene

Concen: 6.444 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

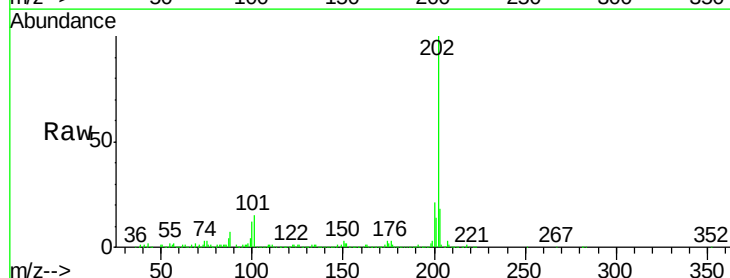
Tgt Ion:202 Resp: 449555

Ion Ratio Lower Upper

202 100

101 15.3 9.9 14.9#

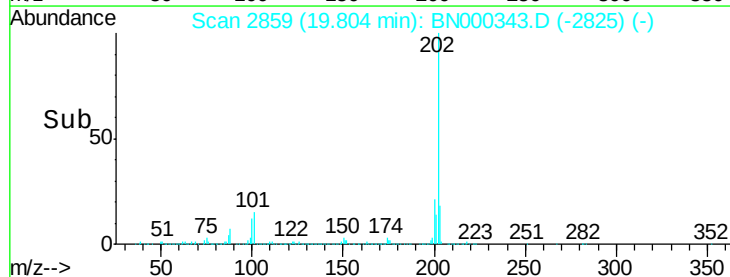
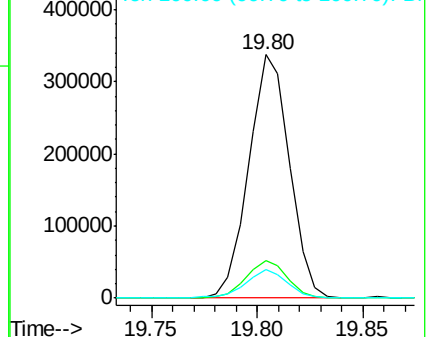
100 11.9 7.4 11.0#

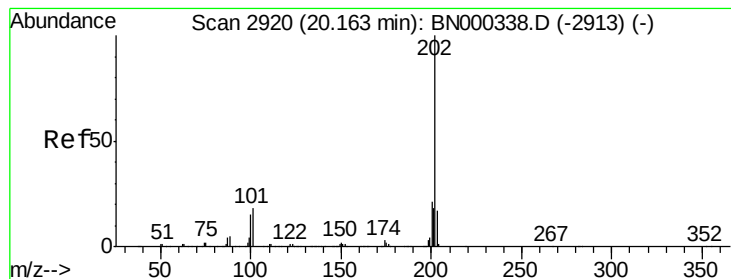


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 5.234 ng/ul

RT: 20.17 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

Instrument :

BNA_N

ClientSampleId :

DAM96

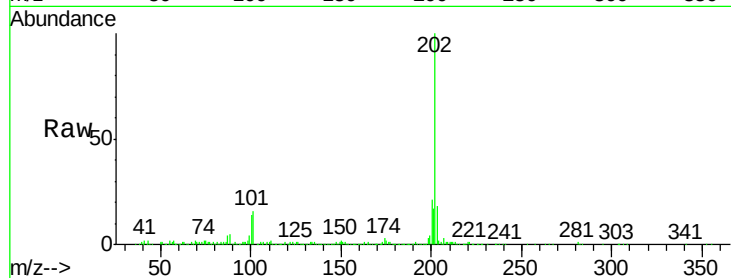
Tot Ion:202 Resp: 422996

Ion Ratio Lower Upper

202 100

101 16.3 11.0 16.4

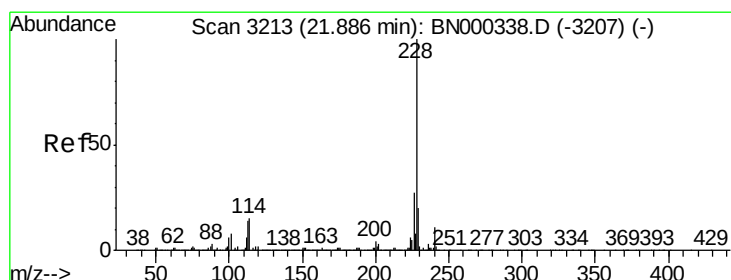
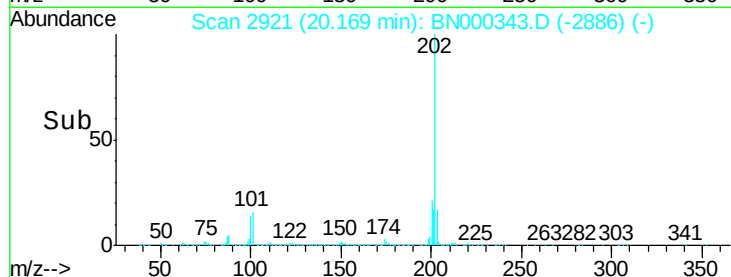
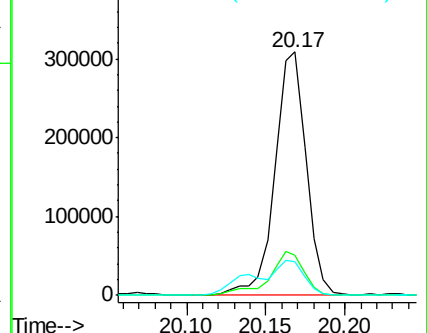
100 13.7 8.1 12.1#



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: 3.154 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

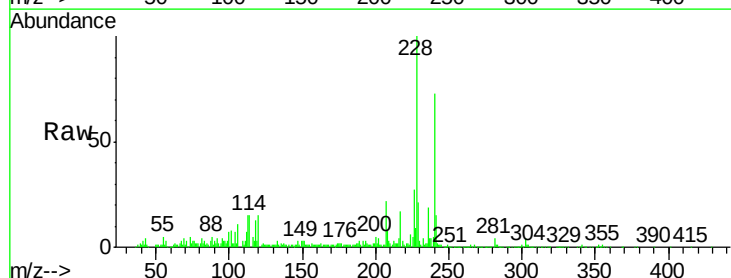
Tgt Ion:228 Resp: 251012

Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

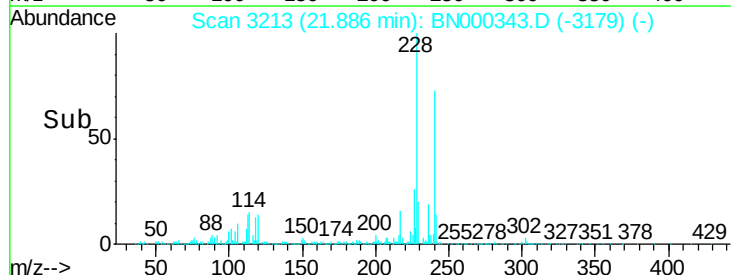
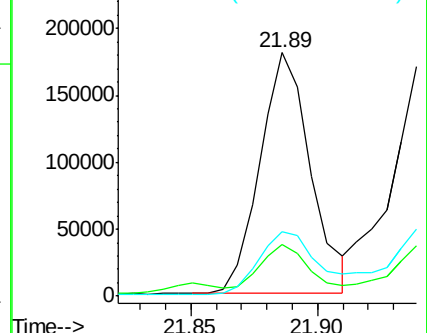
226 26.6 21.1 31.7

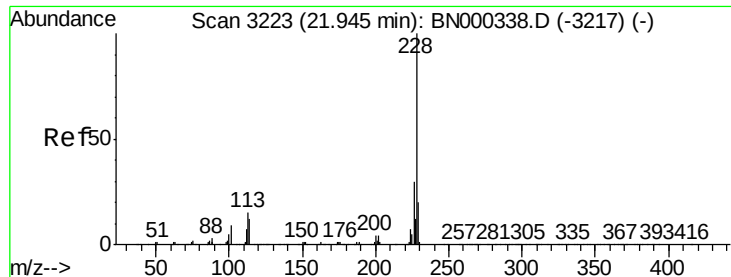


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.381 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

Instrument :

BNA_N

ClientSampled :

DAM96

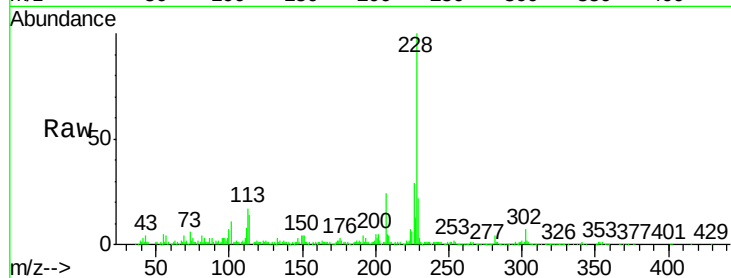
Tot Ion:228 Resp: 255359

Ion Ratio Lower Upper

228 100

226 29.1 24.5 36.7

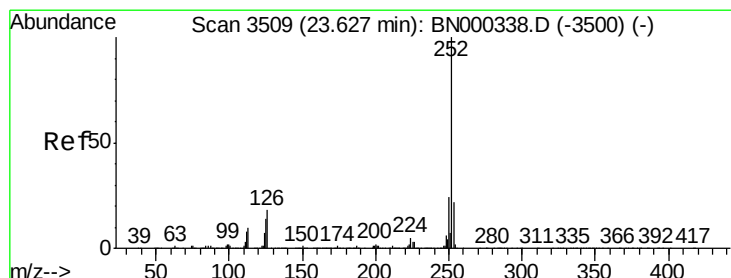
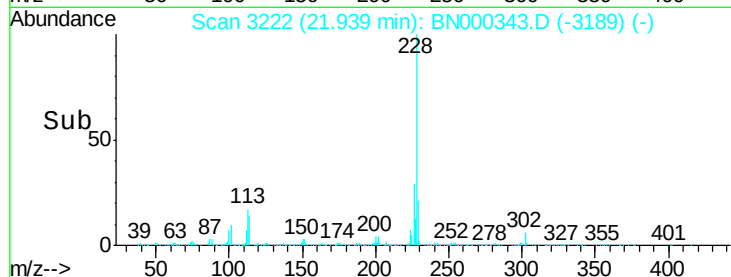
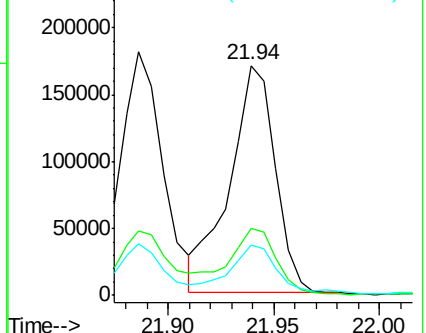
229 22.1 15.8 23.8



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: 5.018 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

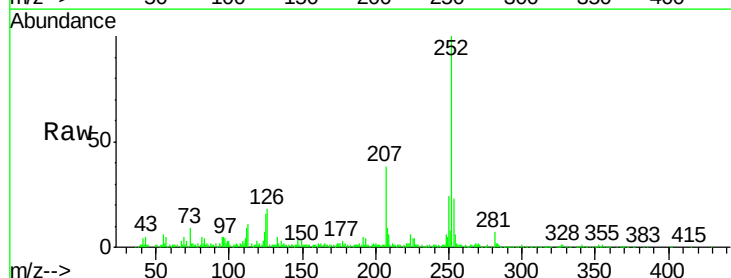
Tgt Ion:252 Resp: 382209

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

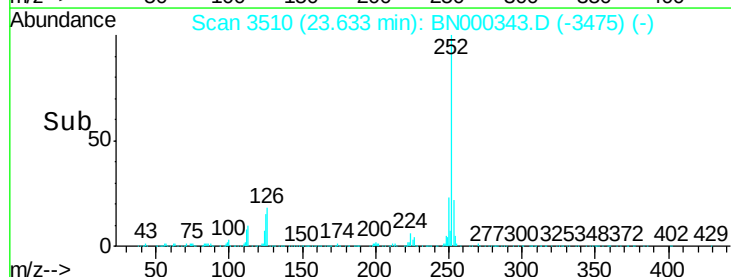
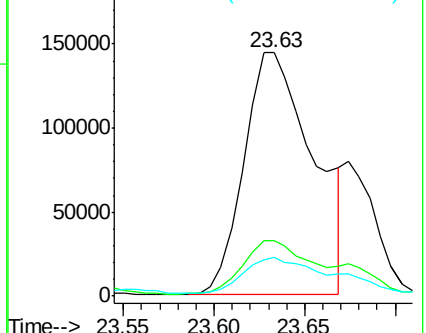
125 16.1 8.0 12.0#

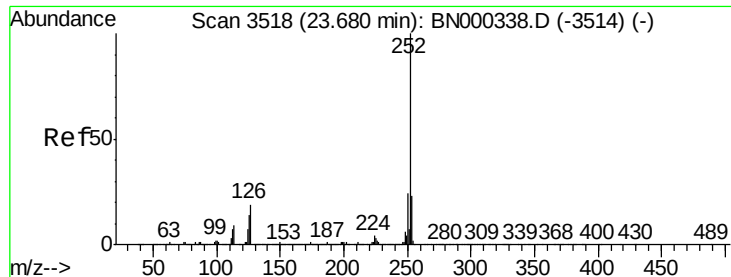


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

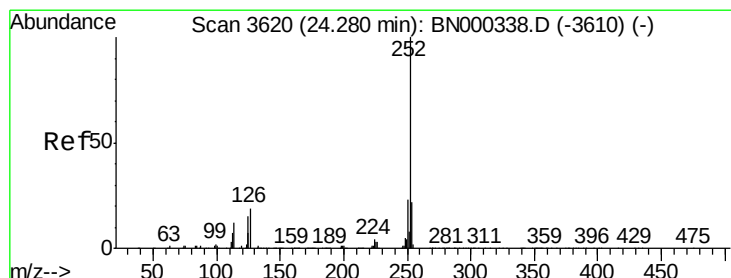
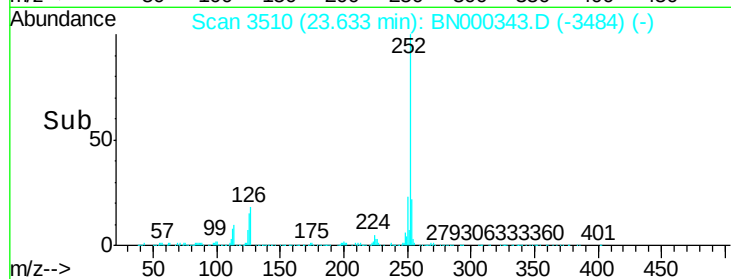
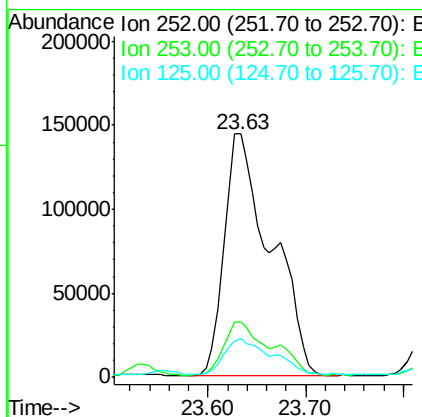
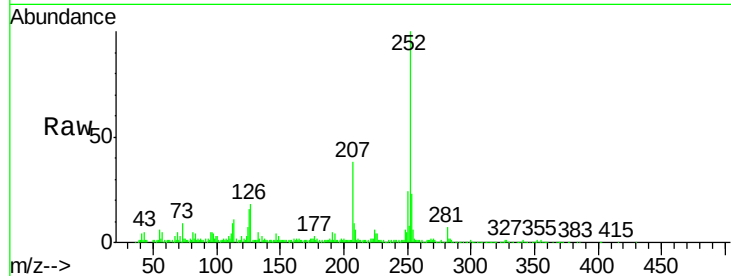




#24
Benzo(k)fluoranthene
Concen: 6.710 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BN000343.D
Acq: 13 Mar 2018 11:47

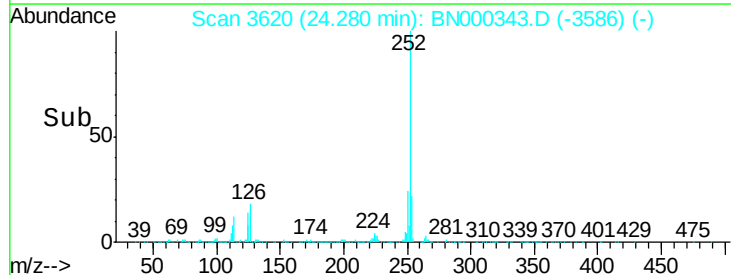
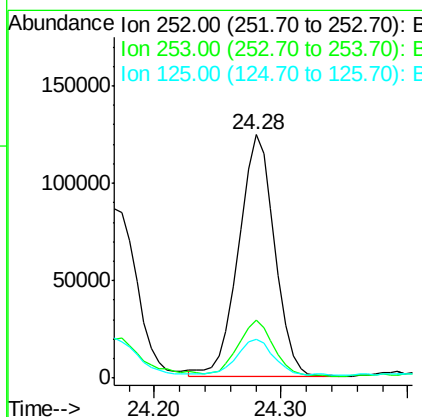
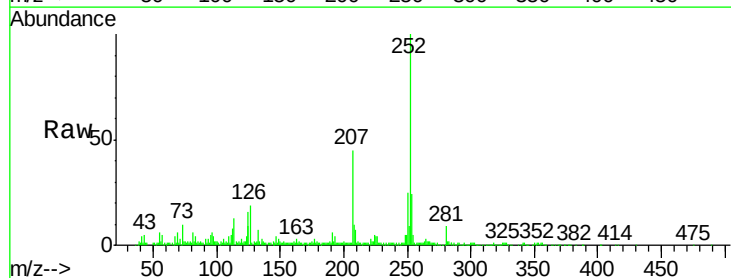
Instrument :
BNA_N
ClientSampleId :
DAM96

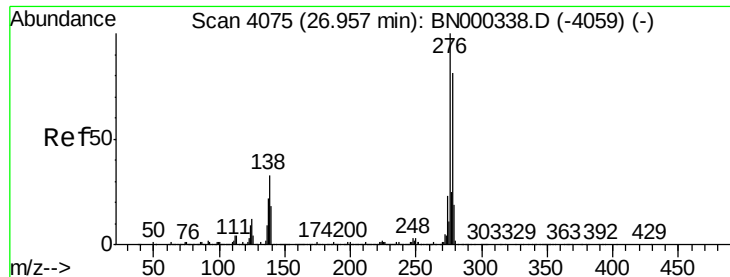
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	16.1	8.1	12.1#



#26
Benzo(a)pyrene
Concen: 3.378 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000343.D
Acq: 13 Mar 2018 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	16.0	8.2	12.4#

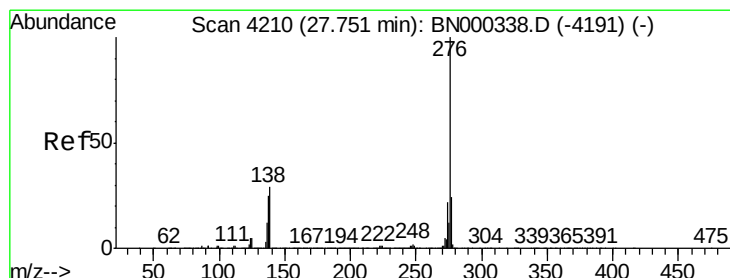
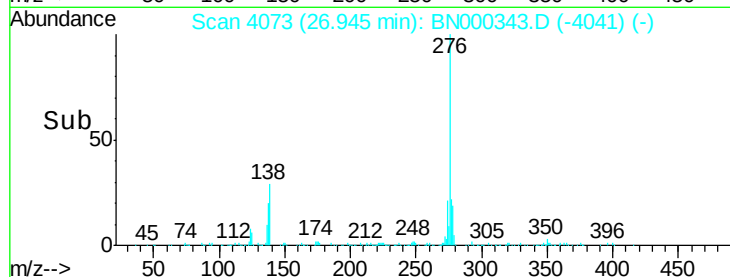
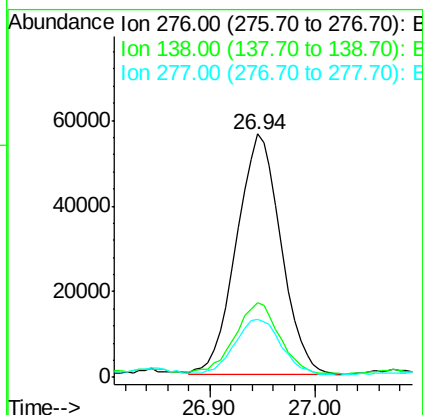
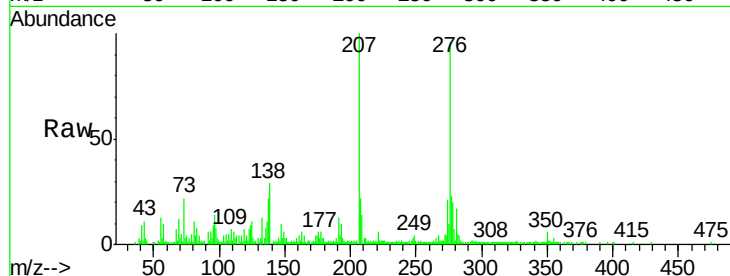




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.100 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000343.D
 Acq: 13 Mar 2018 11:47

Instrument :
 BNA_N
 ClientSampleId :
 DAM96

Tot Ion:276 Resp: 164154
 Ion Ratio Lower Upper
 276 100
 138 30.4 14.4 21.6#
 277 23.7 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.527 ng/ul
 RT: 27.74 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: BN000343.D
 Acq: 13 Mar 2018 11:47

Tgt Ion:276 Resp: 164899
 Ion Ratio Lower Upper
 276 100
 138 27.2 15.3 22.9#
 277 25.3 19.0 28.4

