

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000386.D
 Acq On : 14 Mar 2018 21:59
 Operator : JU/SJ
 Sample : J1865-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:07:36 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

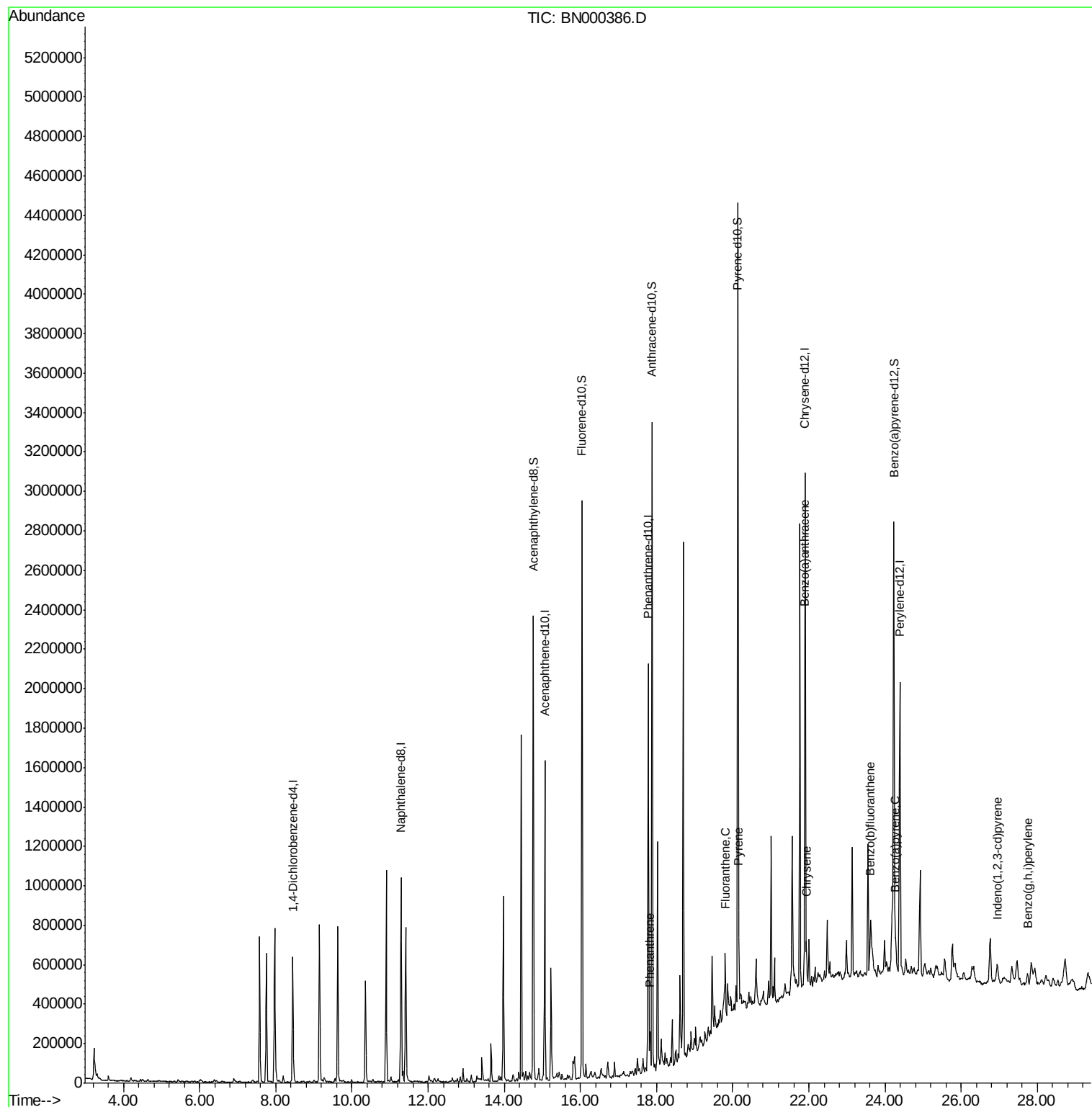
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	176265	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	868036	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	499203	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1161476	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1157276	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1055011	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1638139	33.06	ng/ul	0.00
10) Fluorene-d10	16.04	176	1091327	32.53	ng/ul	0.00
14) Anthracene-d10	17.88	188	1726132	31.81	ng/ul	0.00
18) Pyrene-d10	20.13	212	1987925	35.11	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1552061	32.22	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	72546	1.089	ng/ul	99
16) Fluoranthene	19.80	202	167156	2.323	ng/ul	96
19) Pyrene	20.16	202	159466	2.183	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	101680	1.413	ng/ul	97
21) Chrysene	21.94	228	114392	1.675	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	162114	2.577	ng/ul#	92
26) Benzo(a)pyrene	24.28	252	102226	1.707	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.95	276	74790	1.158	ng/ul#	81
29) Benzo(g,h,i)perylene	27.74	276	72799	1.351	ng/ul#	83

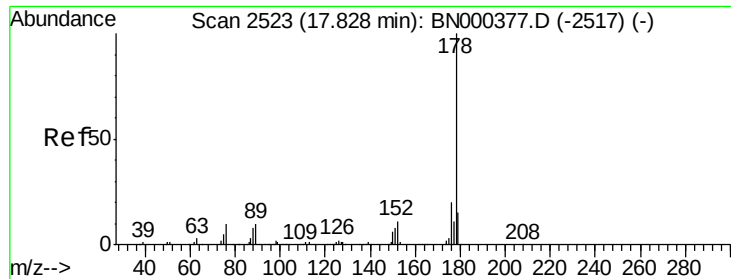
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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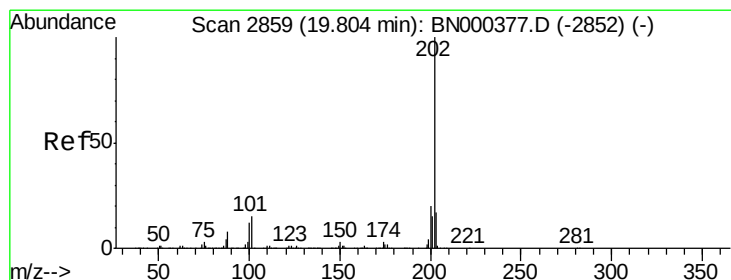
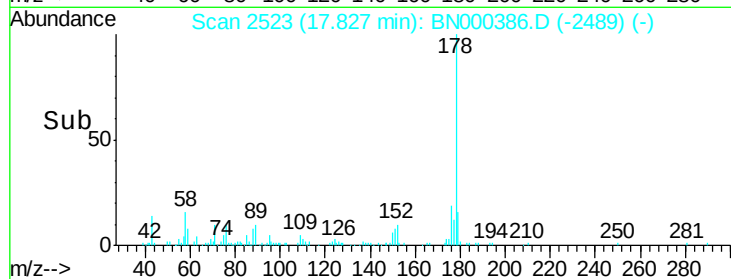
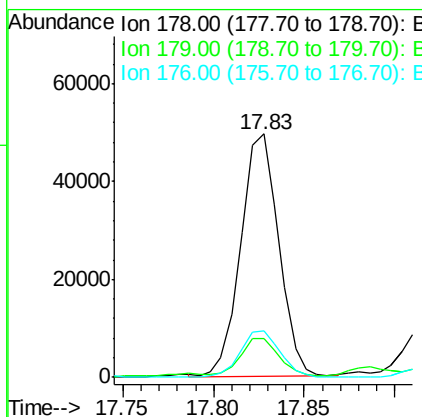
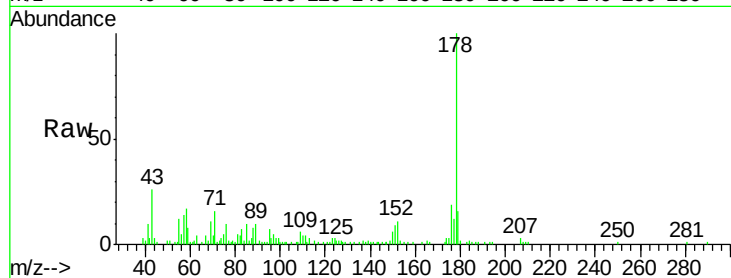




#13
Phenanthrene
Concen: 1.089 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000386.D
Acq: 14 Mar 2018 21:59

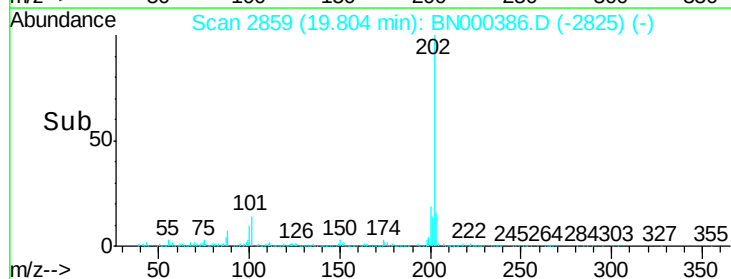
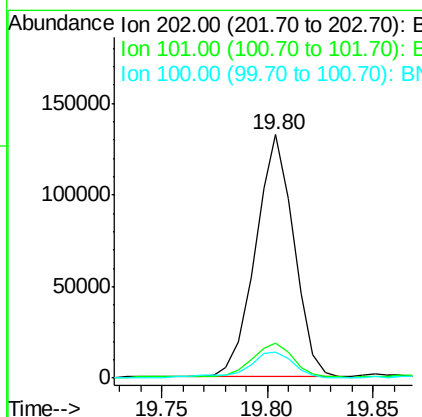
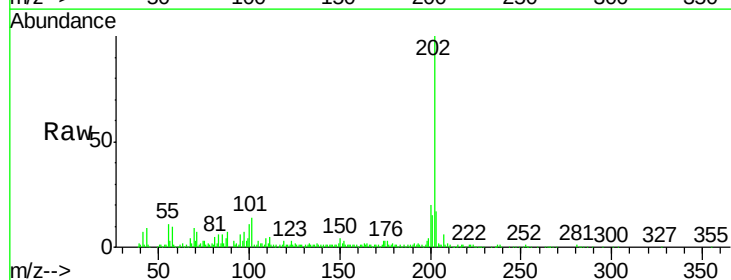
Instrument :
BNA_N
ClientSampleId :

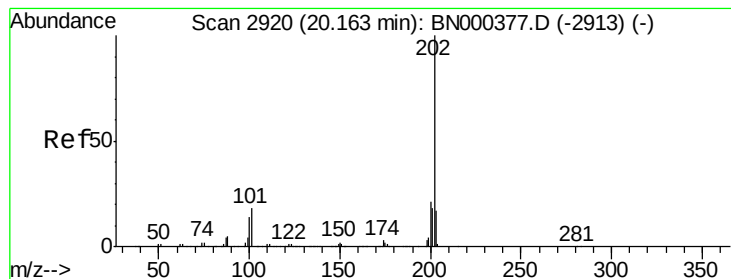
Tot Ion:178 Resp: 72546
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.3 15.1 22.7



#16
Fluoranthene
Concen: 2.323 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000386.D
Acq: 14 Mar 2018 21:59

Tgt Ion:202 Resp: 167156
Ion Ratio Lower Upper
202 100
101 14.2 9.9 14.9
100 10.6 7.4 11.0





#19

Pvrene

Concen: 2.183 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000386.D

Acq: 14 Mar 2018 21:59

Instrument :

BNA_N

ClientSampleId :

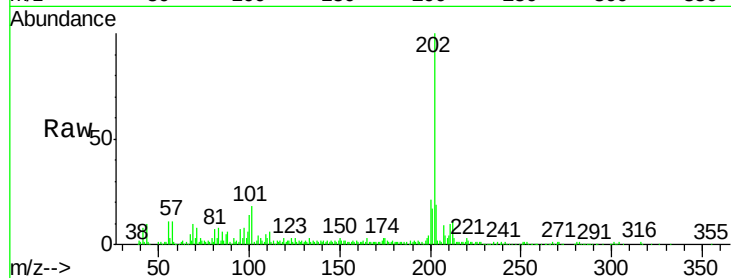
Tot Ion:202 Resp: 159466

Ion Ratio Lower Upper

202 100

101 18.1 11.0 16.4#

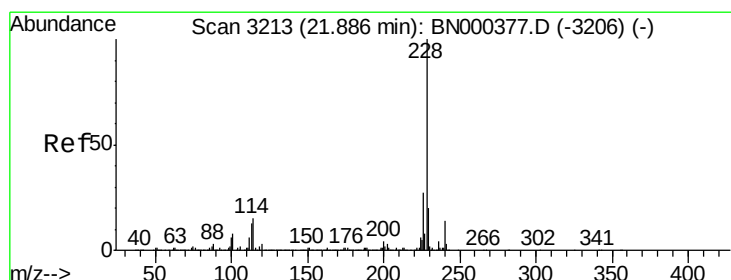
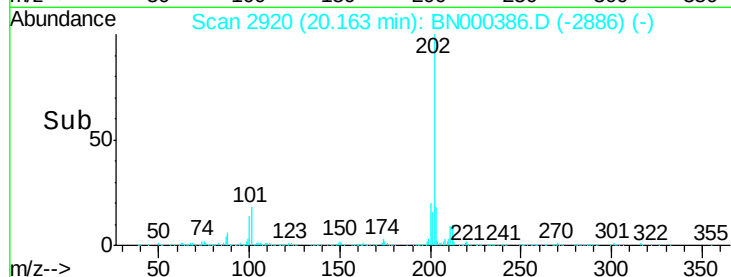
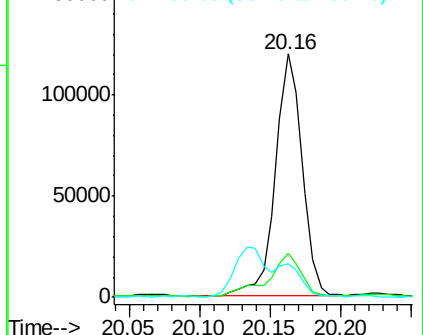
100 13.8 8.1 12.1#



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: 1.413 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000386.D

Acq: 14 Mar 2018 21:59

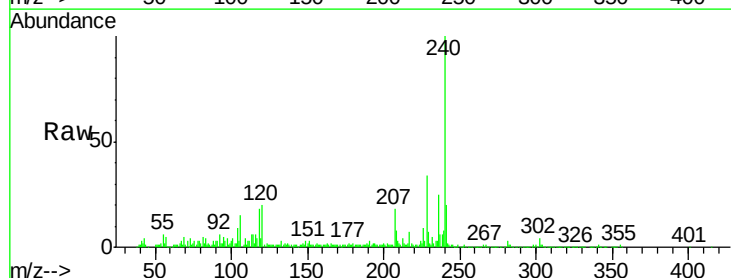
Tgt Ion:228 Resp: 101680

Ion Ratio Lower Upper

228 100

229 21.9 15.7 23.5

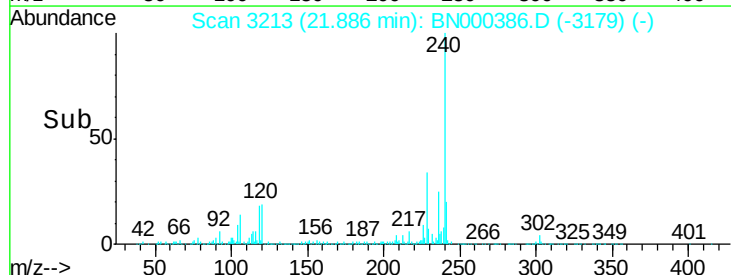
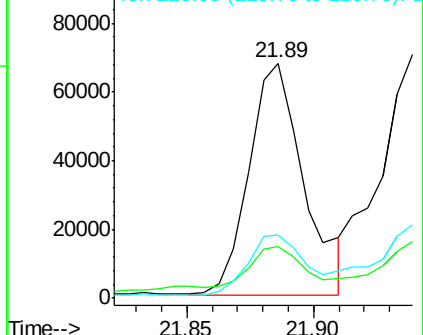
226 26.9 21.1 31.7

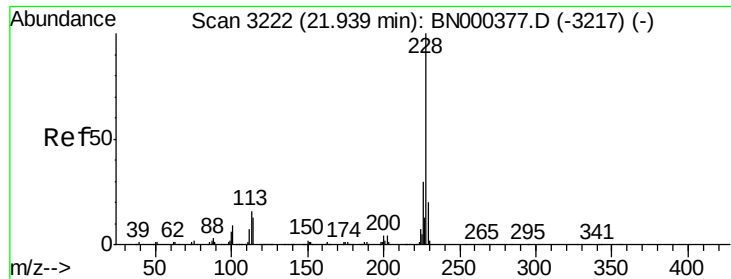


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.675 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000386.D

Acq: 14 Mar 2018 21:59

Instrument :

BNA_N

ClientSampleId :

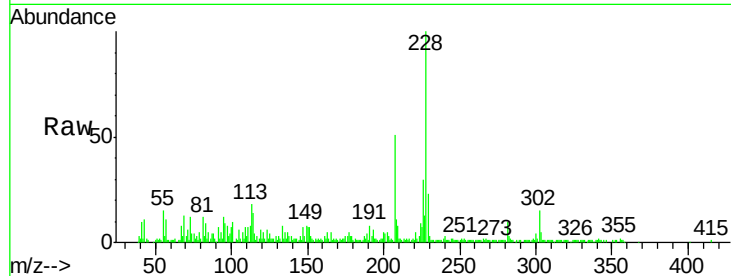
Tot Ion:228 Resp: 114392

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

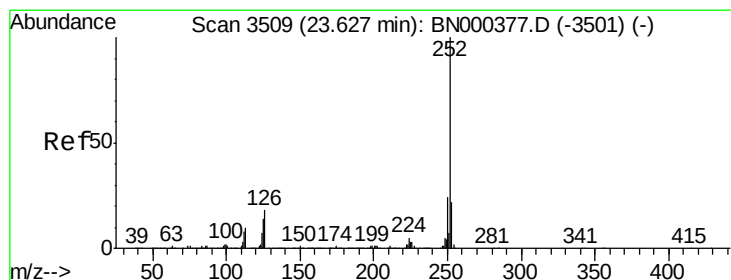
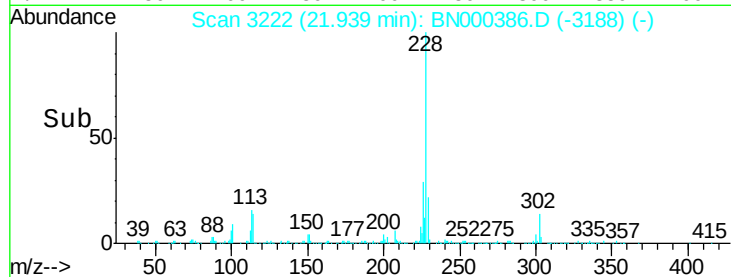
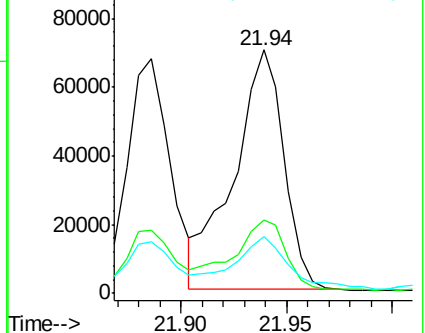
229 23.4 15.8 23.8



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: 2.577 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000386.D

Acq: 14 Mar 2018 21:59

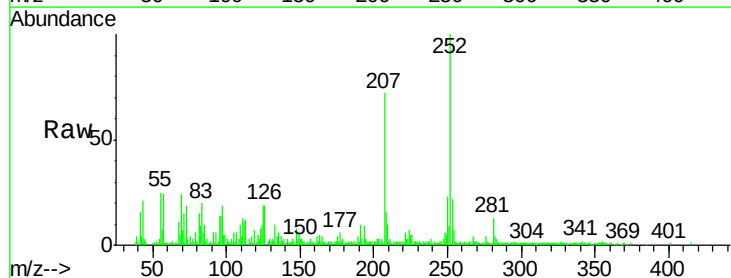
Tgt Ion:252 Resp: 162114

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

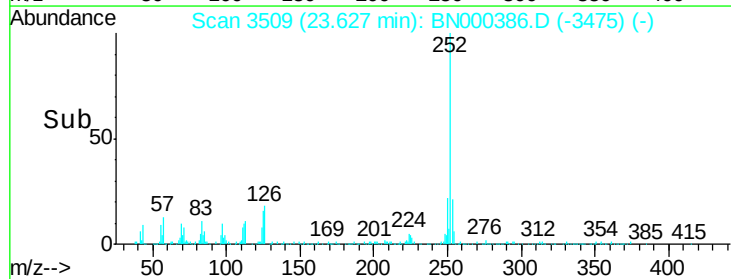
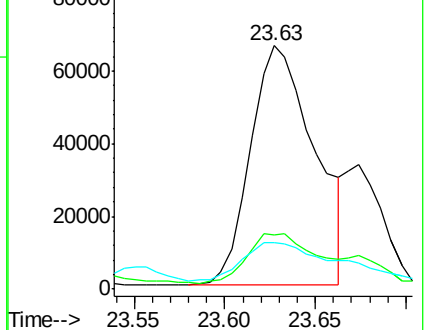
125 18.9 8.0 12.0#

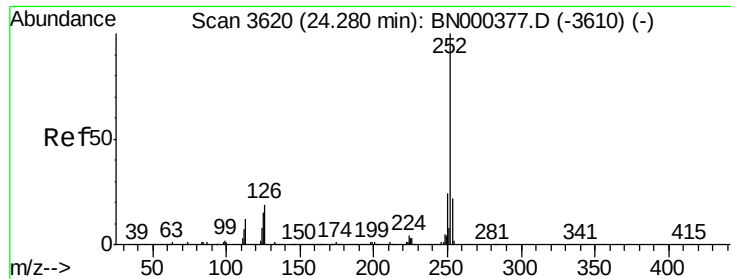


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

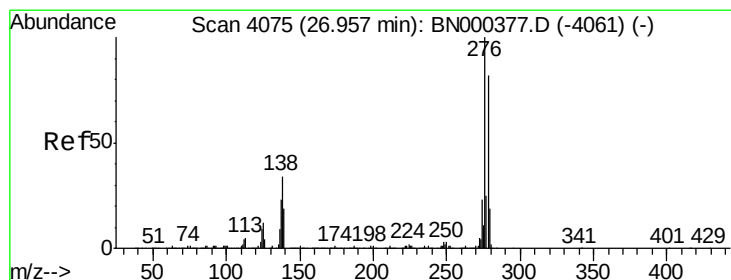
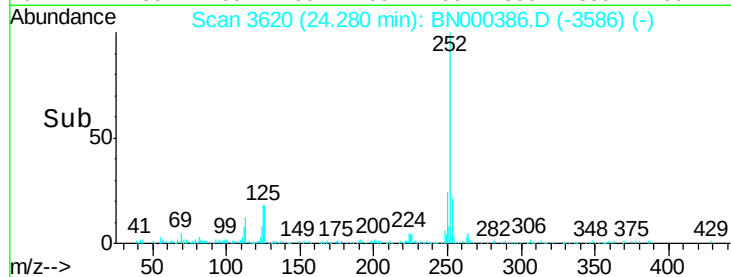
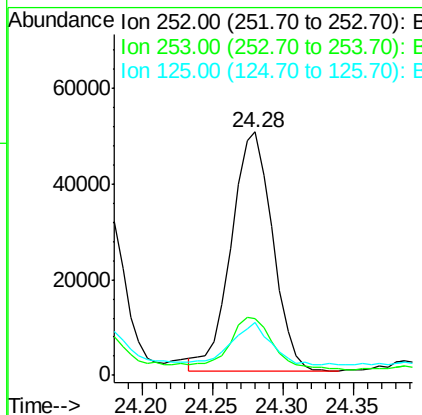
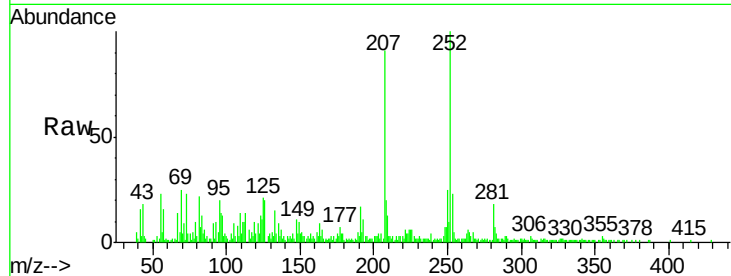




#26
Benzo(a)pyrene
Concen: 1.707 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000386.D
Acq: 14 Mar 2018 21:59

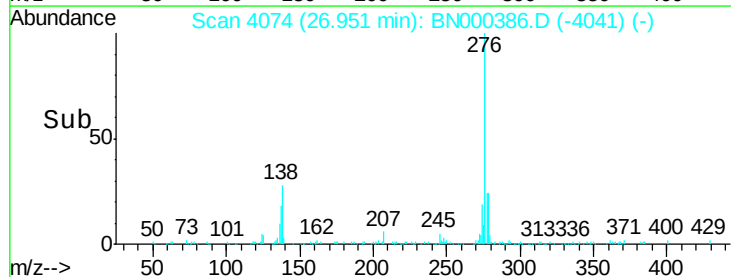
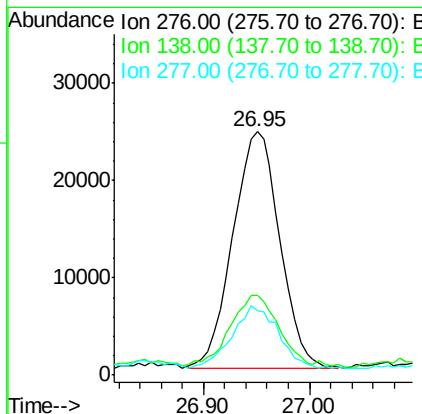
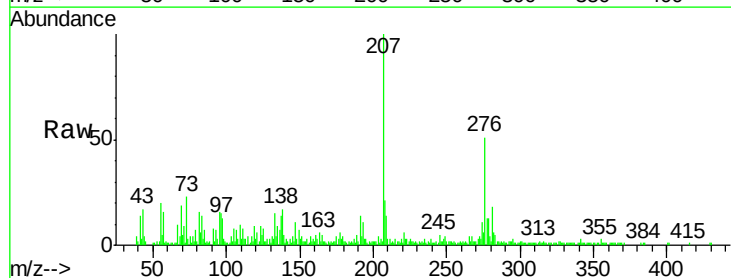
Instrument :
BNA_N
ClientSampleId :

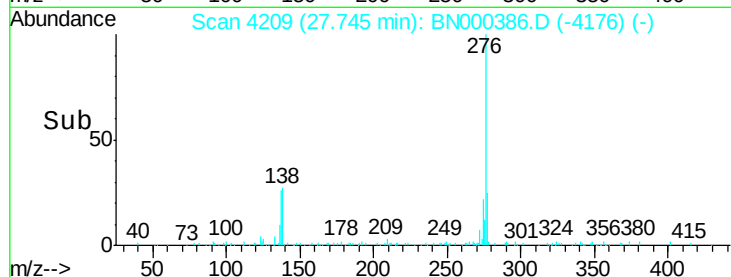
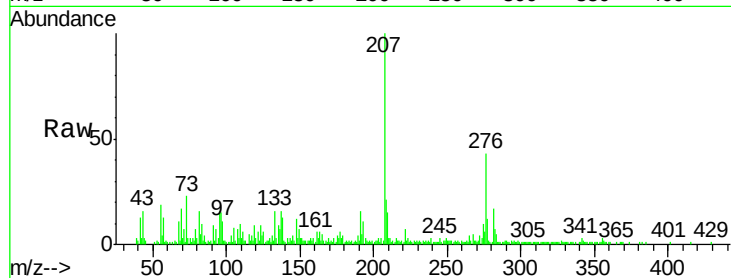
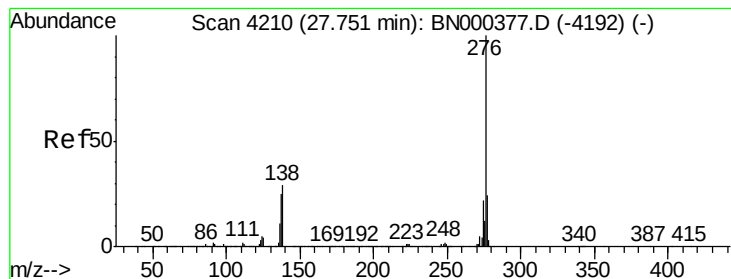
Tot Ion:252 Resp: 102226
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 21.5 8.2 12.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.158 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000386.D
Acq: 14 Mar 2018 21:59

Tgt Ion:276 Resp: 74790
Ion Ratio Lower Upper
276 100
138 32.7 14.4 21.6#
277 26.5 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 1.351 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000386.D

Acq: 14 Mar 2018 21:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 72799

Ion Ratio Lower Upper

276 100

138 30.7 15.3 22.9#

277 28.6 19.0 28.4#

