

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000901.D
 Acq On : 25 Apr 2018 20:59
 Operator : JU/SJ
 Sample : J2485-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:59:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	126474	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	528176	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	263976	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	527880	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	518576	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	545307	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.94	160	919594	36.27	ng/ul	0.00
10) Fluorene-d10	15.25	176	631045	37.29	ng/ul	0.00
14) Anthracene-d10	17.10	188	910887	37.73	ng/ul	0.00
18) Pyrene-d10	19.40	212	962506	36.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1073933	41.69	ng/ul	-0.02

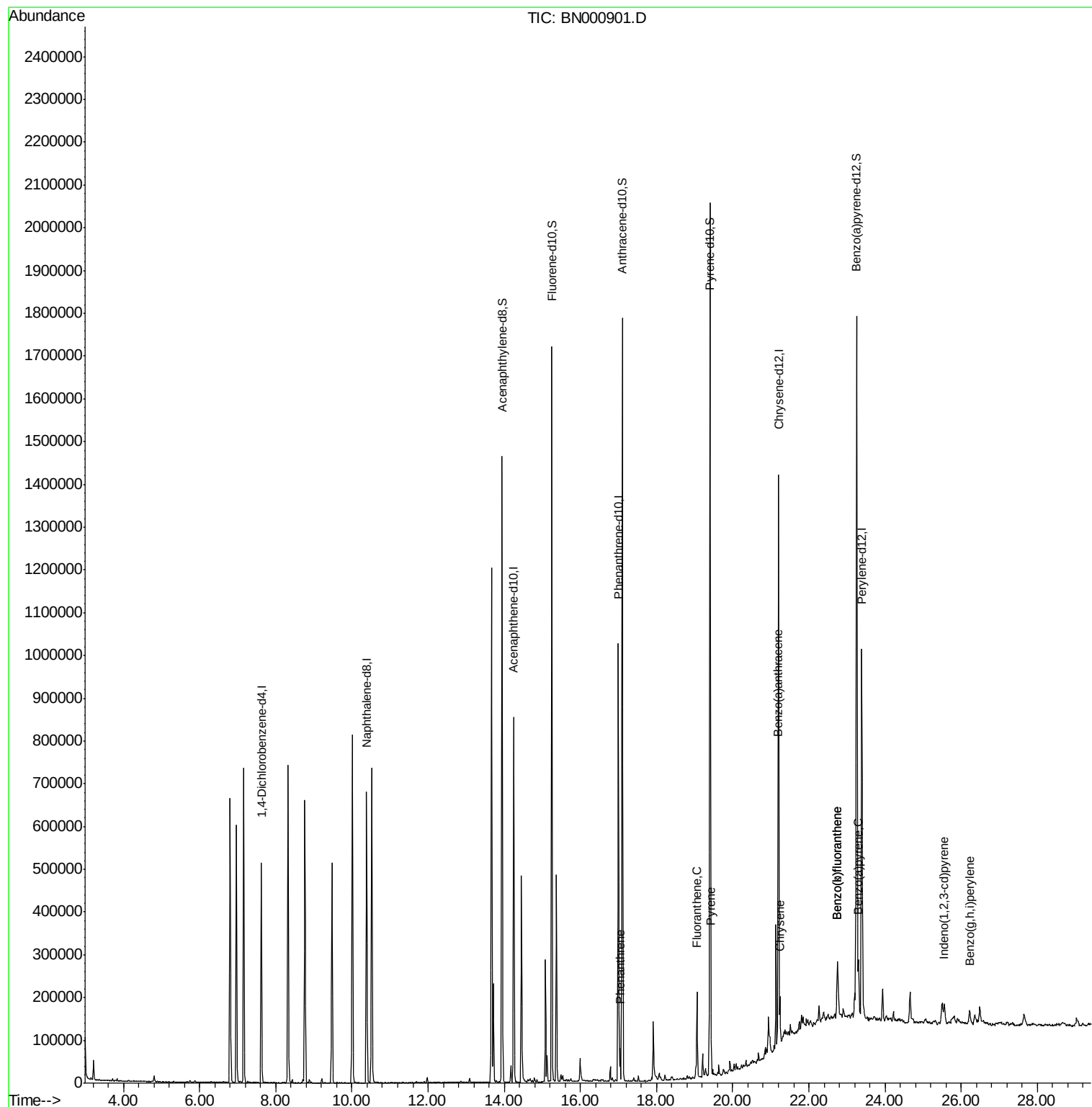
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.04	178	41345	1.436	ng/ul	98
16) Fluoranthene	19.06	202	103968	3.559	ng/ul	95
19) Pyrene	19.43	202	87068	2.614	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	51313	1.655	ng/ul	99
21) Chrysene	21.24	228	56677	1.945	ng/ul	95
23) Benzo(b)fluoranthene	22.74	252	103669	3.345	ng/ul#	95
24) Benzo(k)fluoranthene	22.74	252	104591	3.449	ng/ul#	95
26) Benzo(a)pyrene	23.30	252	51114	1.726	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	36275	1.014	ng/ul#	92
29) Benzo(g,h,i)perylene	26.23	276	31679	1.059	ng/ul#	93

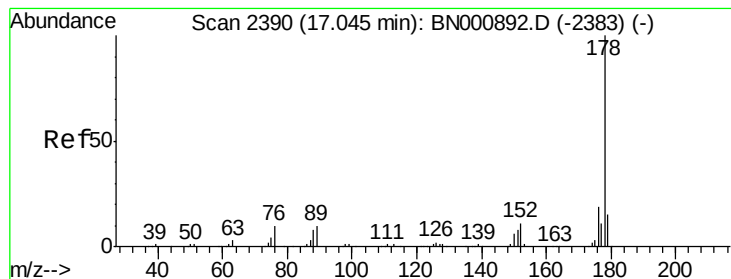
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.436 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000901.D

Acq: 25 Apr 2018 20:59

Instrument :

BNA_N

ClientSampleId :

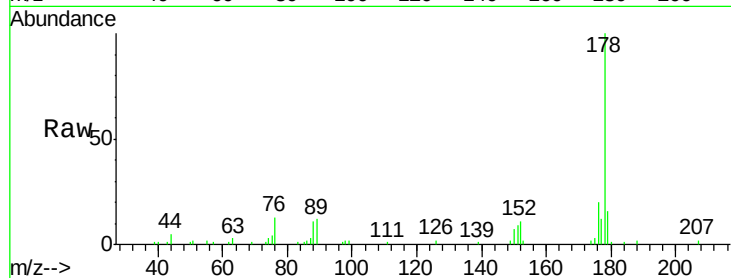
Tot Ion:178 Resp: 41345

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

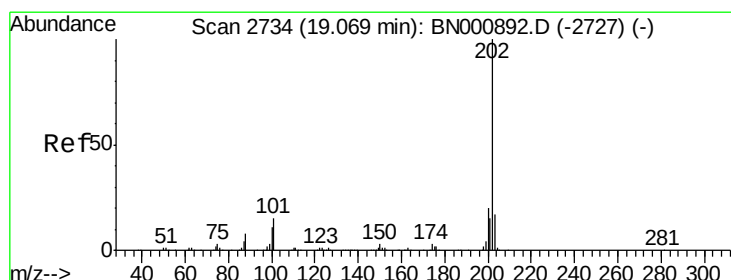
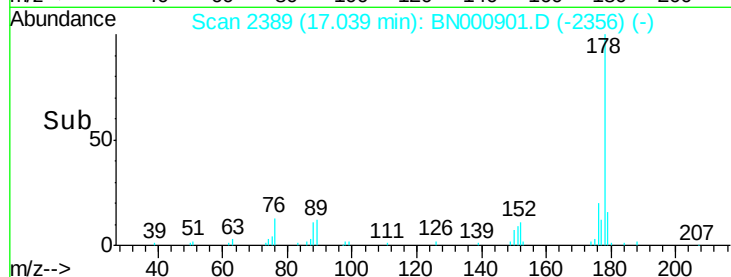
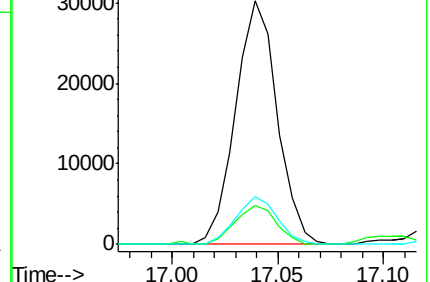
176 19.8 15.1 22.7



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: 3.559 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000901.D

Acq: 25 Apr 2018 20:59

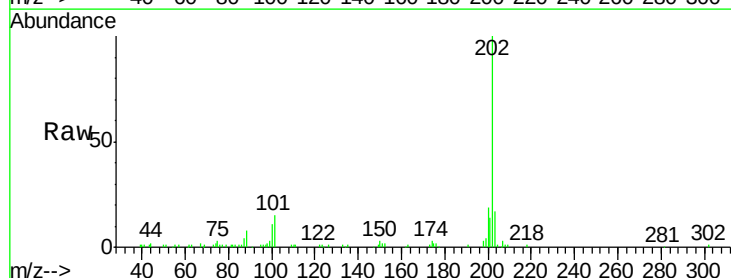
Tgt Ion:202 Resp: 103968

Ion Ratio Lower Upper

202 100

101 14.8 9.9 14.9

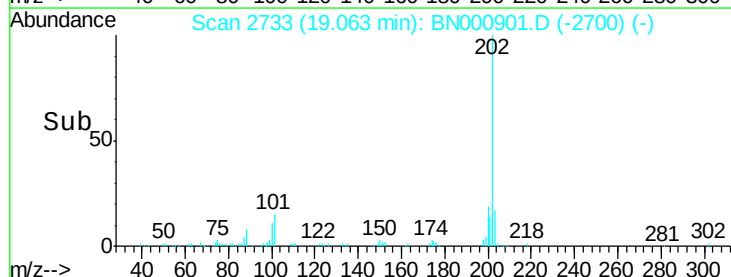
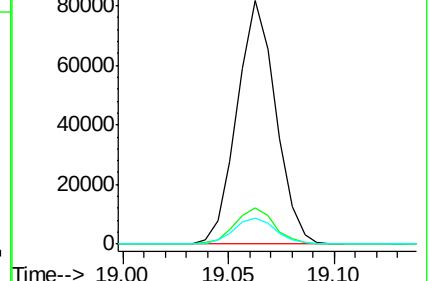
100 10.8 7.4 11.0

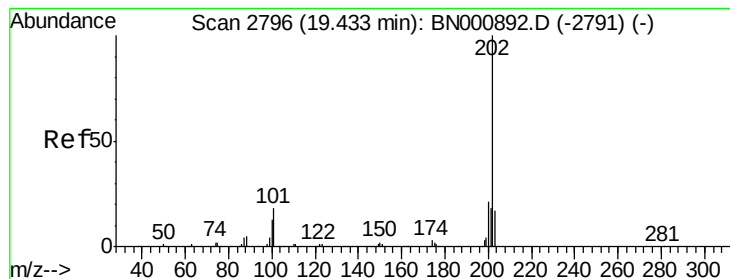


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 2.614 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BN000901.D

Acq: 25 Apr 2018 20:59

Instrument :

BNA_N

ClientSampleId :

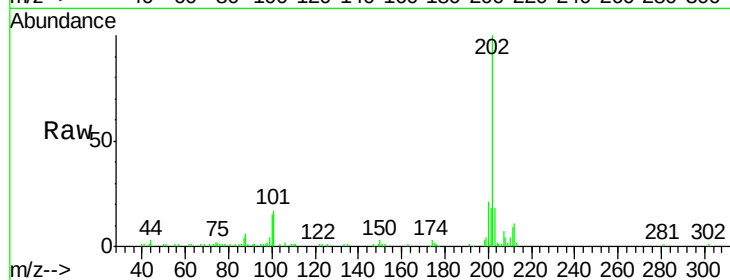
Tot Ion:202 Resp: 87068

Ion Ratio Lower Upper

202 100

101 17.4 11.0 16.4#

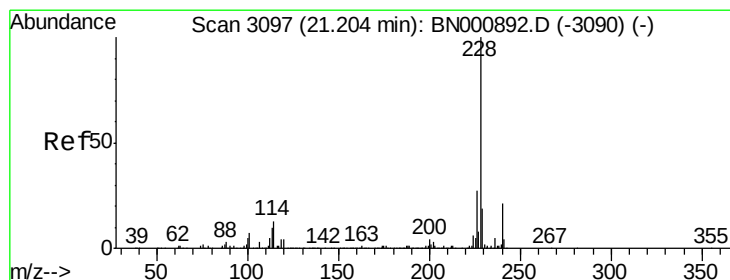
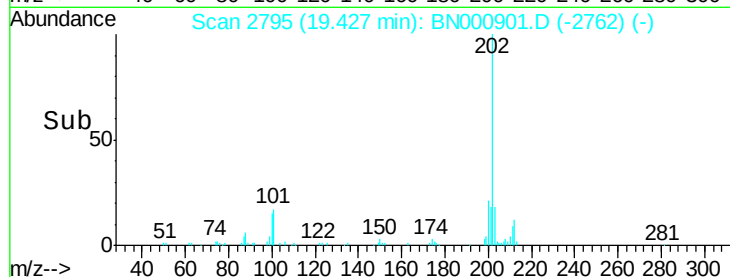
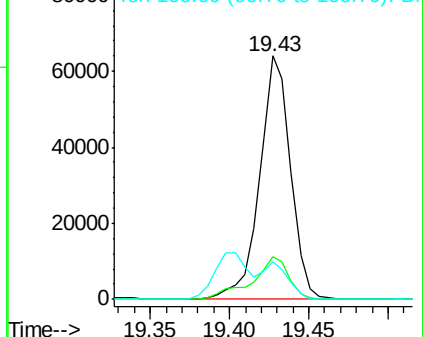
100 15.2 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 1.655 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BN000901.D

Acq: 25 Apr 2018 20:59

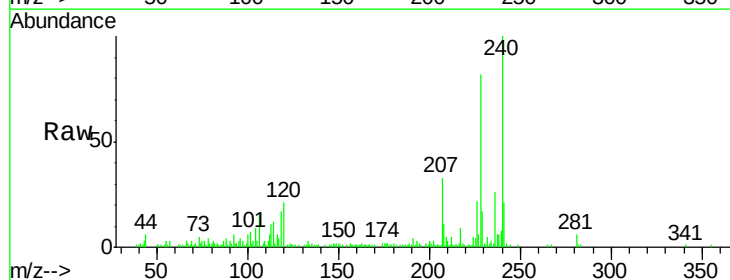
Tgt Ion:228 Resp: 51313

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

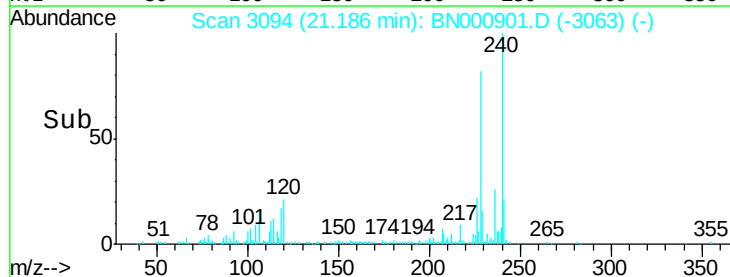
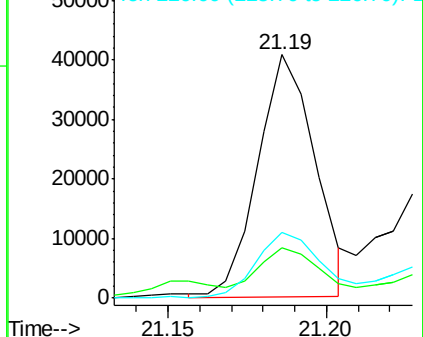
226 26.9 21.1 31.7

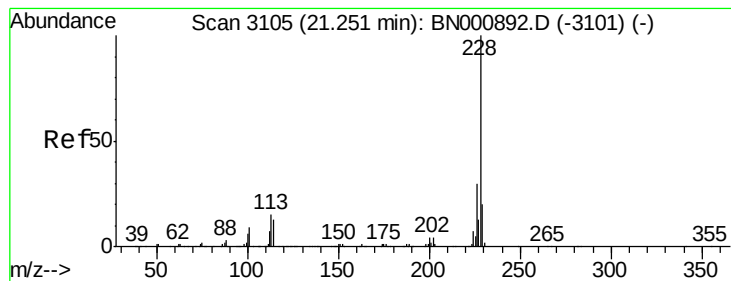


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.945 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000901.D

Acq: 25 Apr 2018 20:59

Instrument :

BNA_N

ClientSampleId :

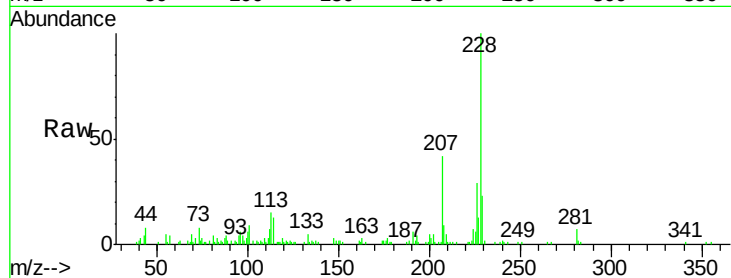
Tot Ion:228 Resp: 56677

Ion Ratio Lower Upper

228 100

226 28.7 24.5 36.7

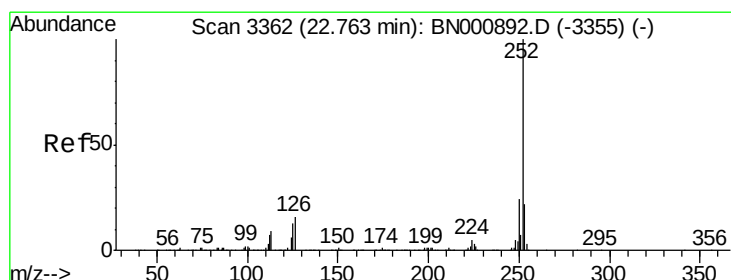
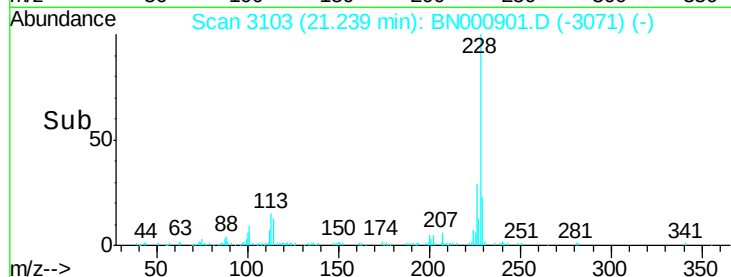
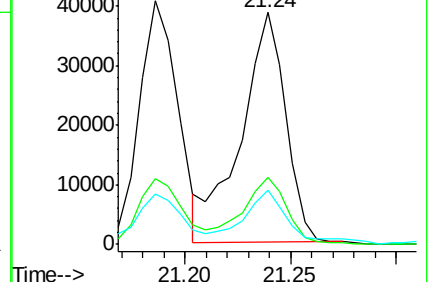
229 23.2 15.8 23.8



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: 3.345 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BN000901.D

Acq: 25 Apr 2018 20:59

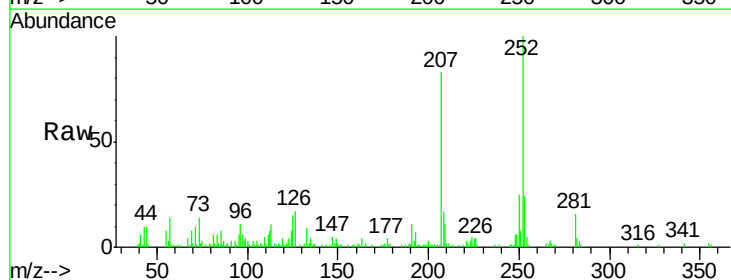
Tgt Ion:252 Resp: 103669

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

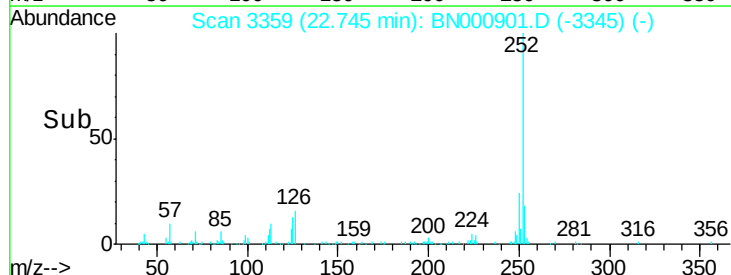
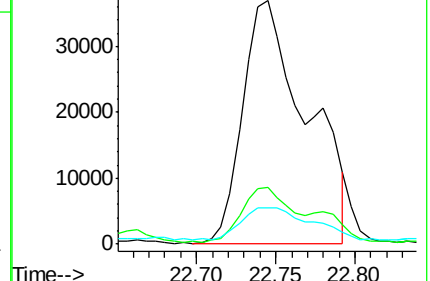
125 14.7 8.0 12.0#

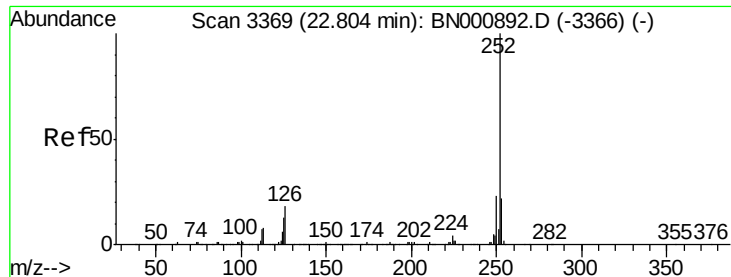


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

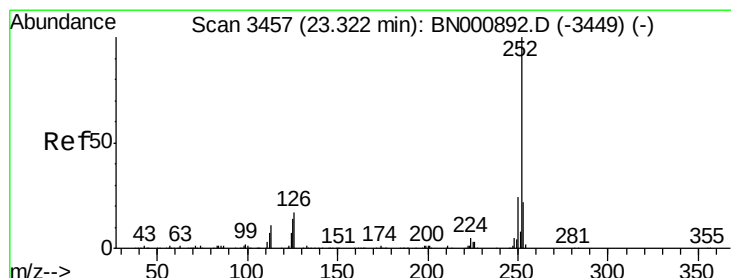
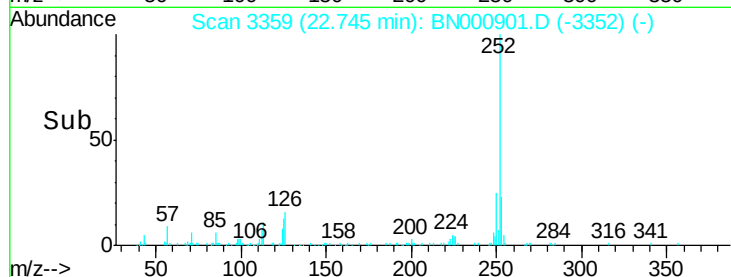
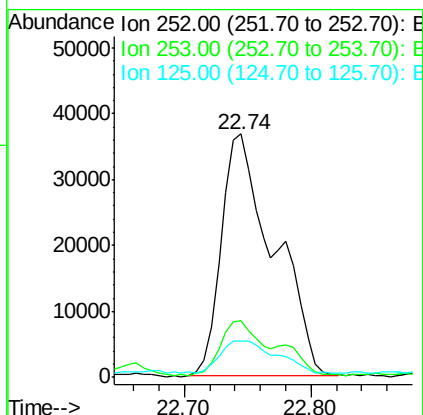
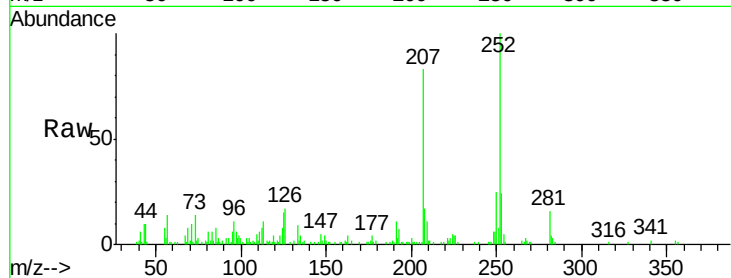




#24
Benzo(k)fluoranthene
Concen: 3.449 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.06 min
Lab File: BN000901.D
Acq: 25 Apr 2018 20:59

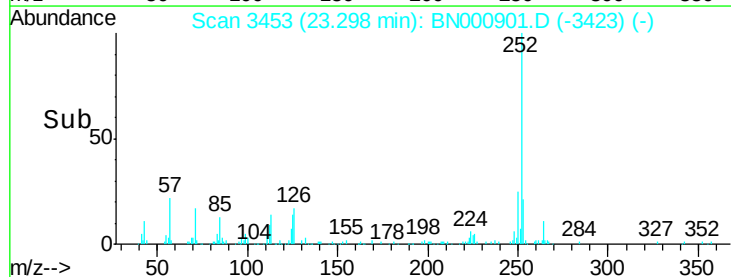
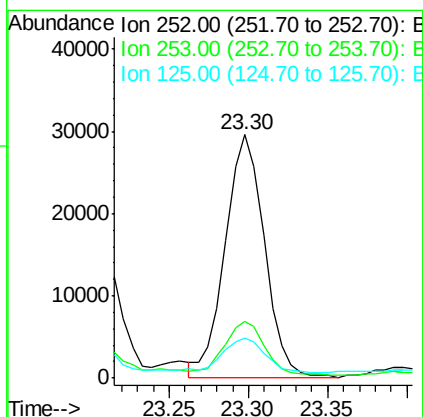
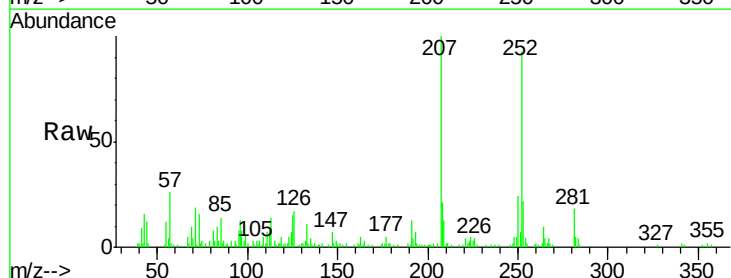
Instrument :
BNA_N
ClientSampleId :

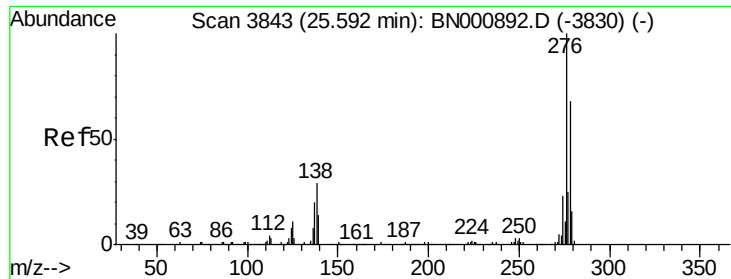
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.7	8.1	12.1



#26
Benzo(a)pyrene
Concen: 1.726 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BN000901.D
Acq: 25 Apr 2018 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	16.4	8.2	12.4

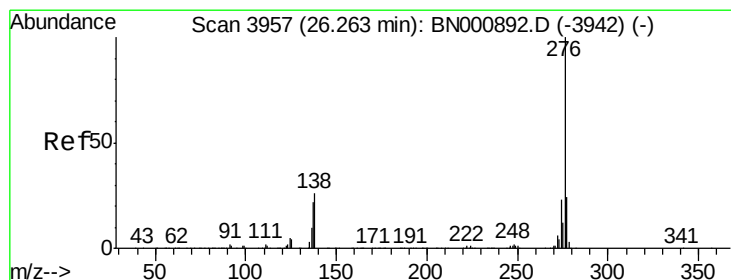
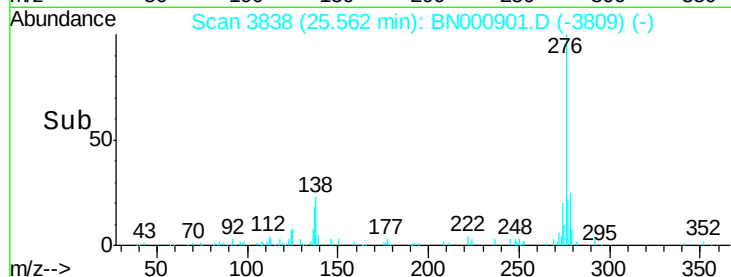
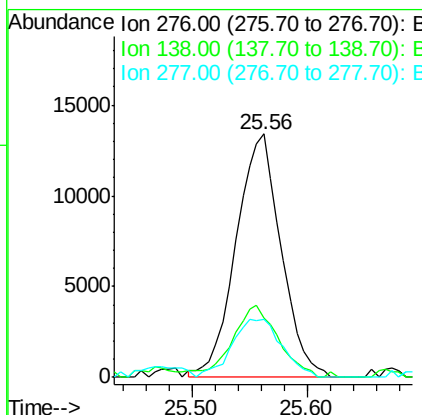
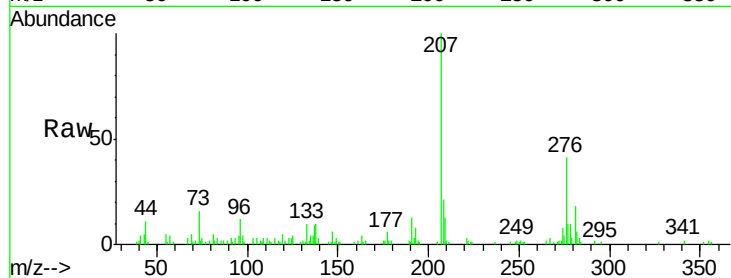




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.014 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.03 min
 Lab File: BN000901.D
 Acq: 25 Apr 2018 20:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 36275
 Ion Ratio Lower Upper
 276 100
 138 24.4 14.4 21.6#
 277 24.0 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.059 ng/ul
 RT: 26.23 min Scan# 3951
 Delta R.T. -0.04 min
 Lab File: BN000901.D
 Acq: 25 Apr 2018 20:59

Tgt Ion:276 Resp: 31679
 Ion Ratio Lower Upper
 276 100
 138 25.4 15.3 22.9#
 277 22.7 19.0 28.4

