

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000902.D
 Acq On : 25 Apr 2018 21:33
 Operator : JU/SJ
 Sample : J2485-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:59:44 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

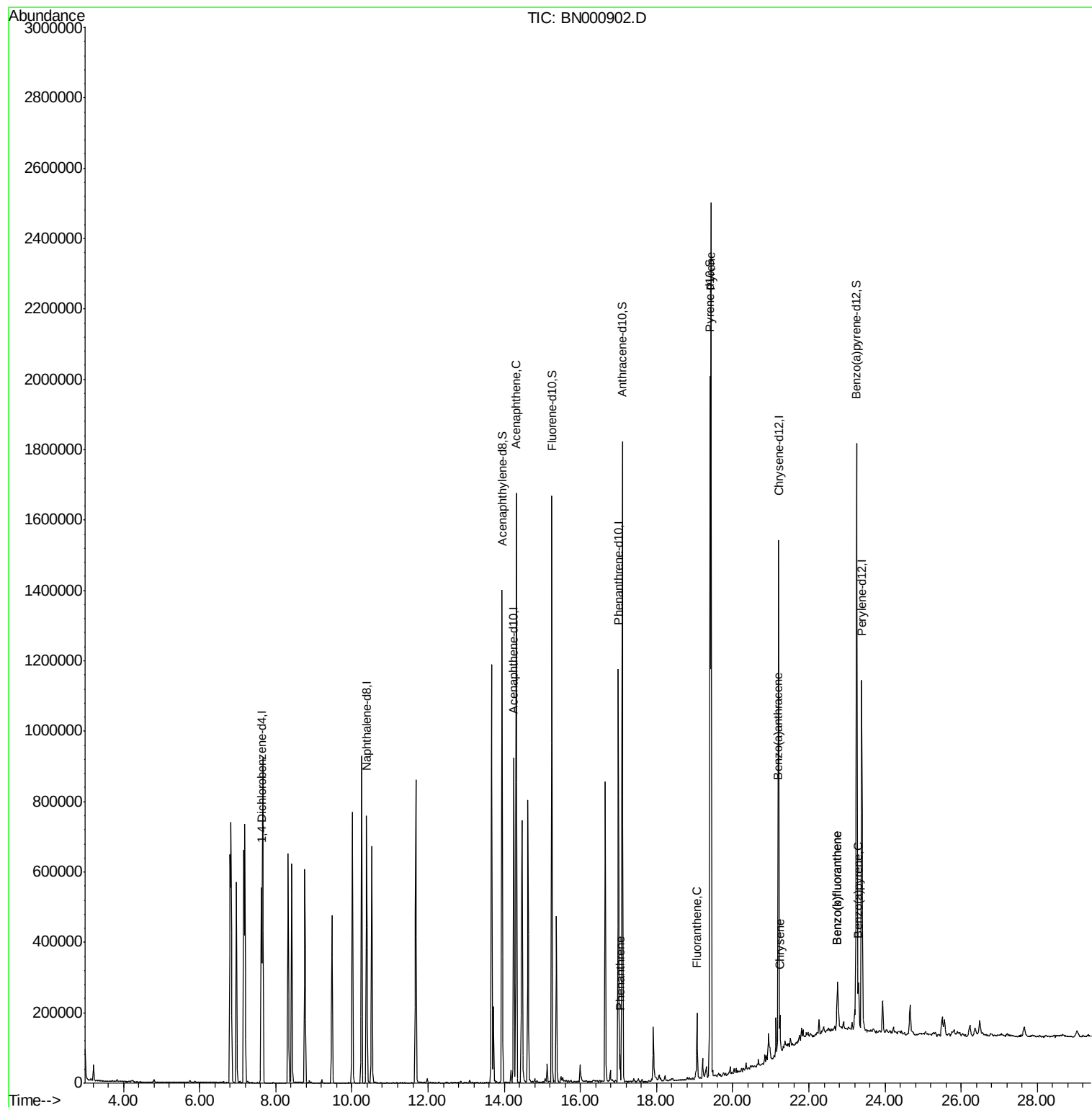
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140937	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	589820	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	294046	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	600836	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	581658	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	607571	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	873145	30.92	ng/ul	0.00
10) Fluorene-d10	15.25	176	603329	32.01	ng/ul	0.00
14) Anthracene-d10	17.10	188	890642	32.42	ng/ul	0.00
18) Pyrene-d10	19.40	212	961992	32.28	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1040069	36.24	ng/ul	-0.02
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	641189	33.202	ng/ul	96
13) Phenanthrene	17.04	178	41192	1.257	ng/ul	99
16) Fluoranthene	19.06	202	97365	2.928	ng/ul#	94
19) Pyrene	19.43	202	1315363	35.207	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	46713	1.343	ng/ul	96
21) Chrysene	21.24	228	53036	1.623	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	98172	2.843	ng/ul#	94
24) Benzo(k)fluoranthene	22.74	252	81899	2.424	ng/ul#	94
26) Benzo(a)pyrene	23.30	252	46710	1.416	ng/ul#	91

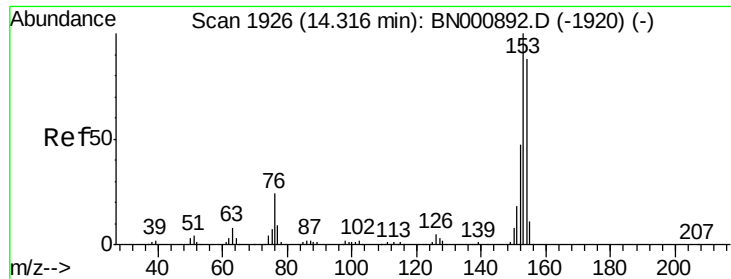
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 33.202 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BN000902.D

Acq: 25 Apr 2018 21:33

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BNA_N

ClientSampleId :

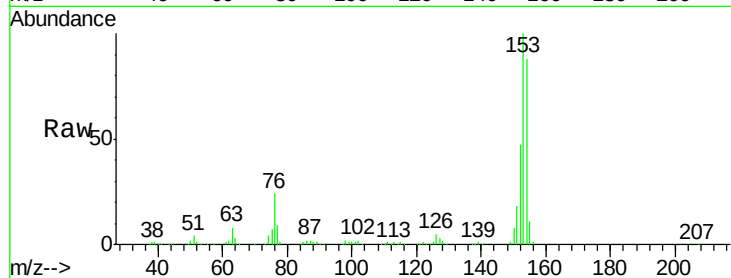
Tot Ion:153 Resp: 641189

Ion Ratio Lower Upper

153 100

152 47.3 39.0 58.6

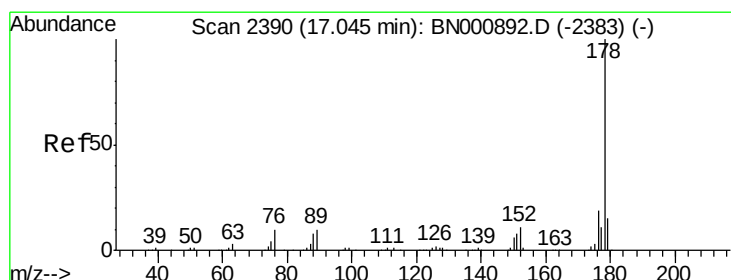
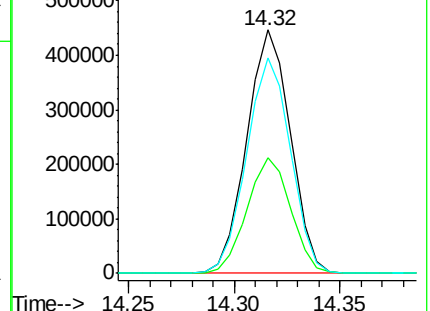
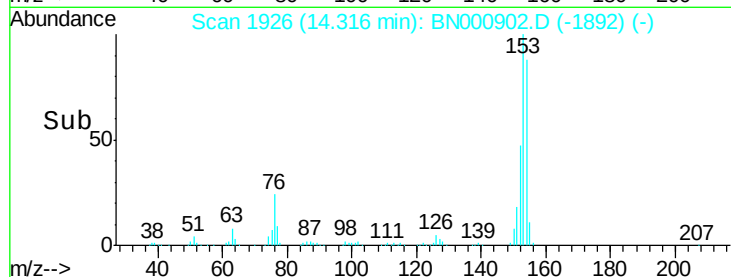
154 88.5 66.8 100.2



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



#13

Phenanthrene

Concen: 1.257 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000902.D

Acq: 25 Apr 2018 21:33

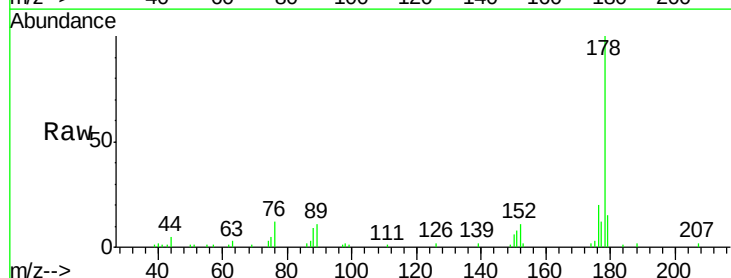
Tgt Ion:178 Resp: 41192

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

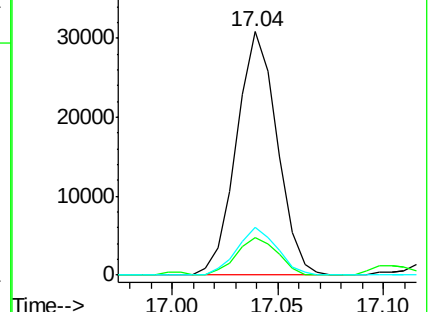
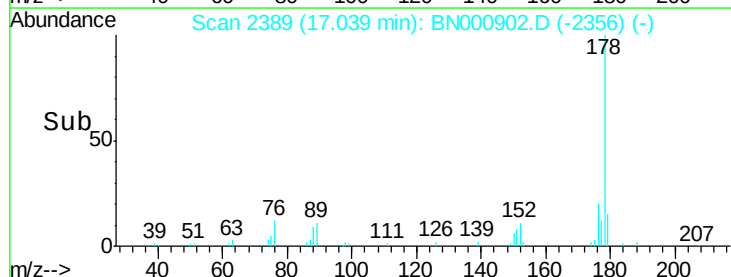
176 19.8 15.1 22.7

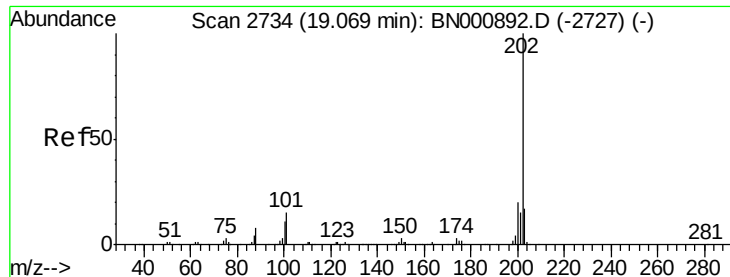


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

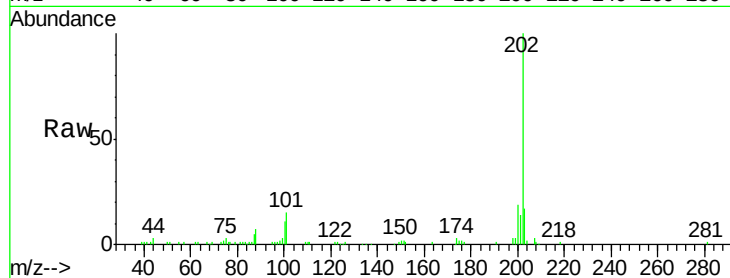




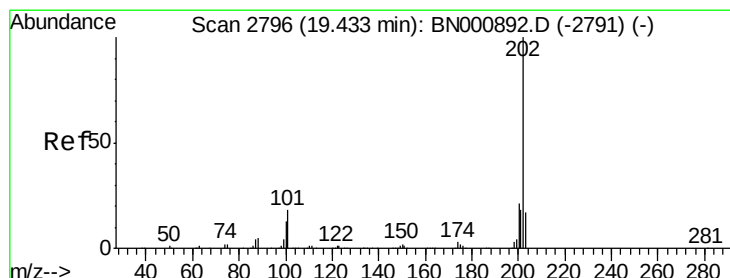
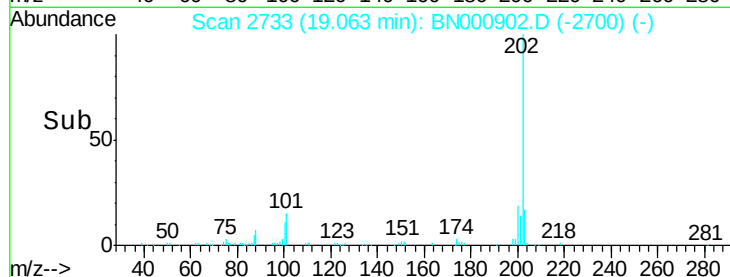
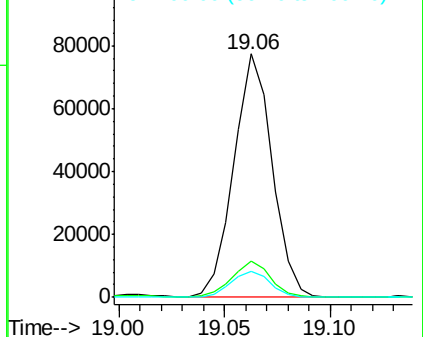
#16
 Fluoranthene
 Concen: 2.928 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.01 min
 Lab File: BN000902.D
 Acq: 25 Apr 2018 21:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 97365
 Ion Ratio Lower Upper
 202 100
 101 15.1 9.9 14.9#
 100 10.8 7.4 11.0

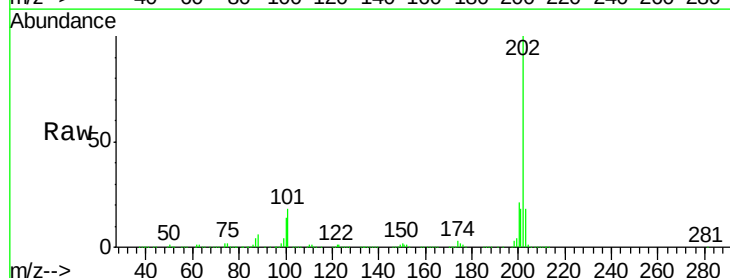


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

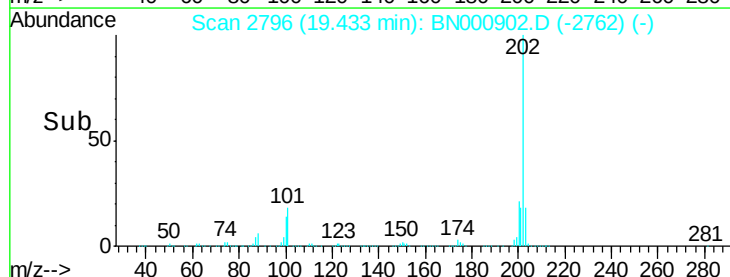
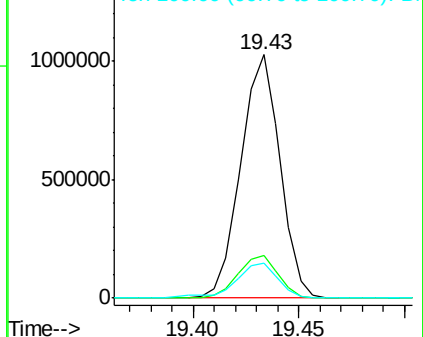


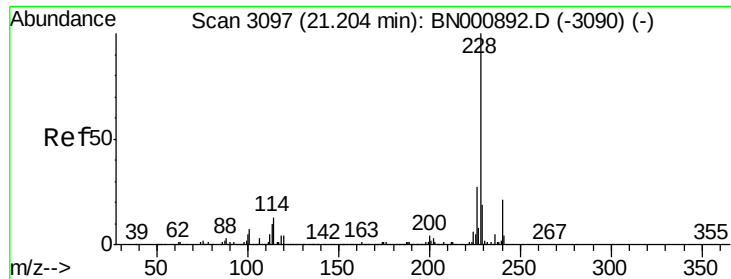
#19
 Pyrene
 Concen: 35.207 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BN000902.D
 Acq: 25 Apr 2018 21:33

Tgt Ion:202 Resp: 1315363
 Ion Ratio Lower Upper
 202 100
 101 17.6 11.0 16.4#
 100 14.2 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): B

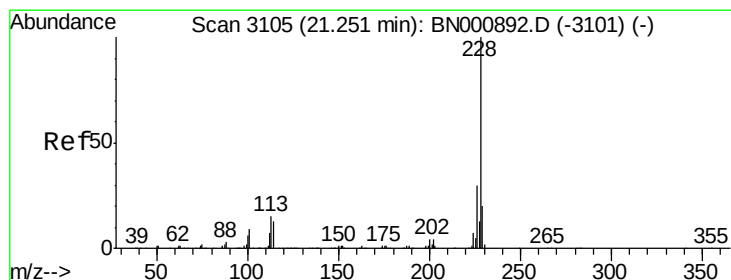
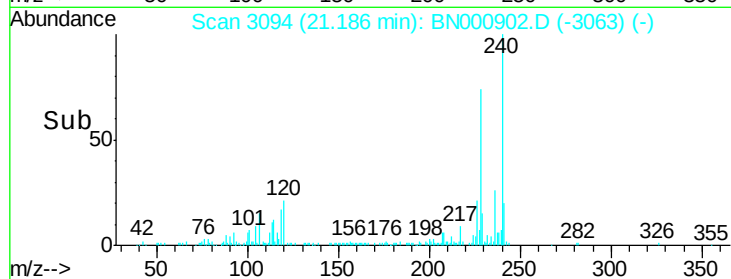
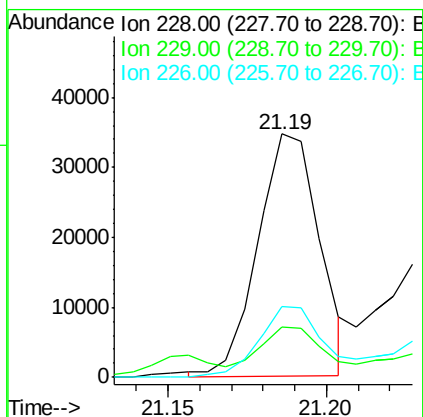
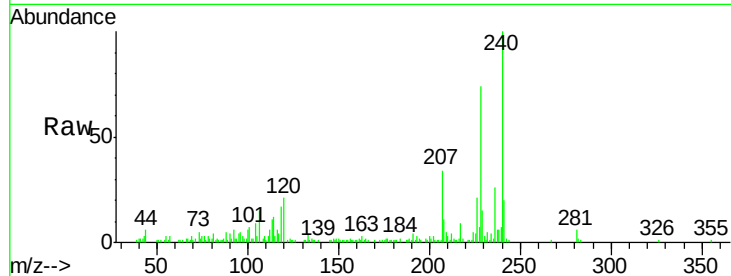




#20
Benzo(a)anthracene
Concen: 1.343 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000902.D
Acq: 25 Apr 2018 21:33

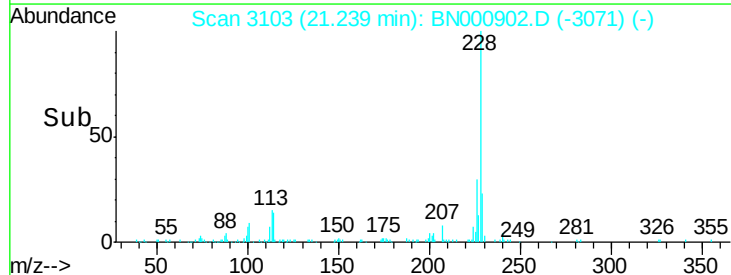
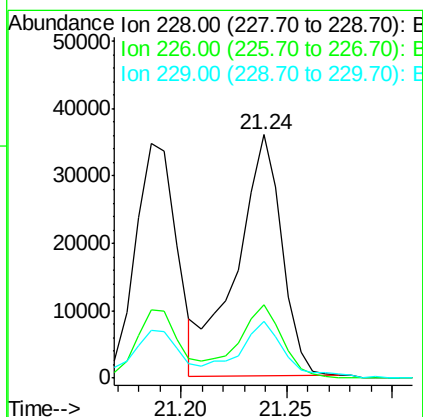
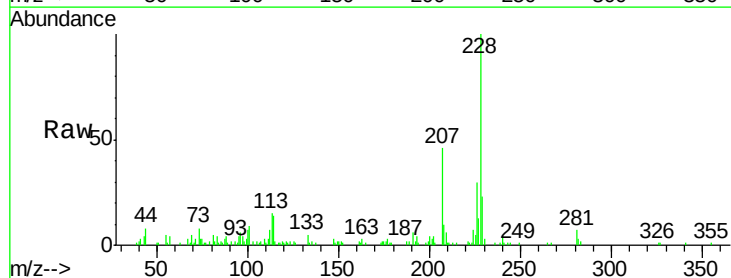
Instrument :
BNA_N
ClientSampleId :

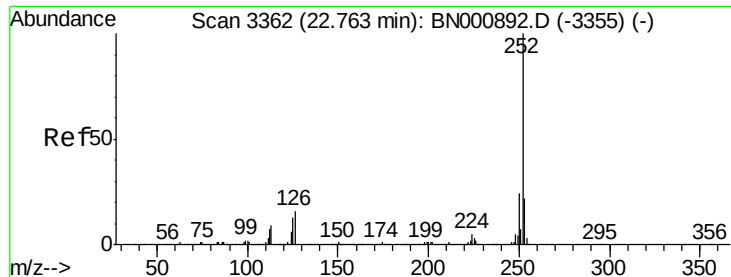
Tot Ion:228 Resp: 46713
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 29.0 21.1 31.7



#21
Chrysene
Concen: 1.623 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000902.D
Acq: 25 Apr 2018 21:33

Tgt Ion:228 Resp: 53036
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 23.3 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 2.843 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.02 min

Lab File: BN000902.D

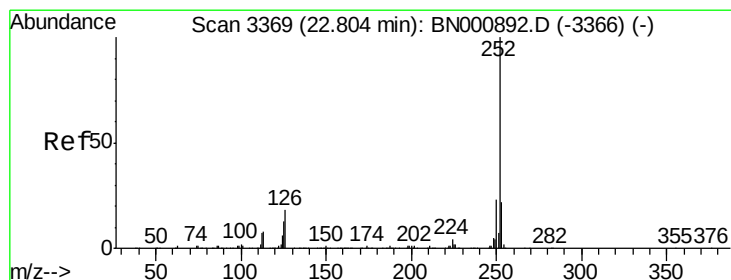
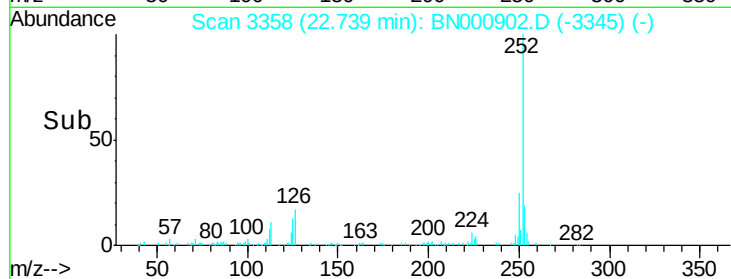
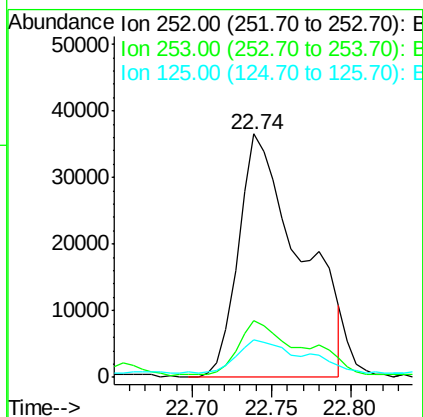
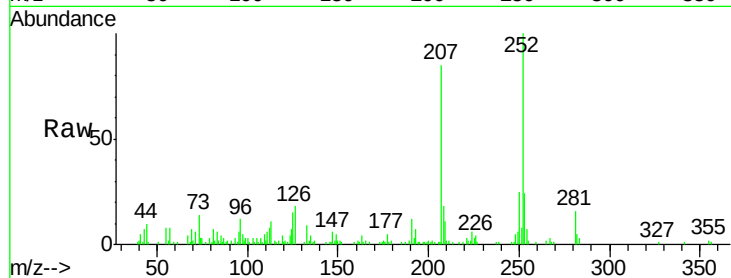
Acq: 25 Apr 2018 21:33

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	98172
Ion Ratio	Lower	Upper
252	100	
253	23.5	18.0 27.0
125	15.3	8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 2.424 ng/ul

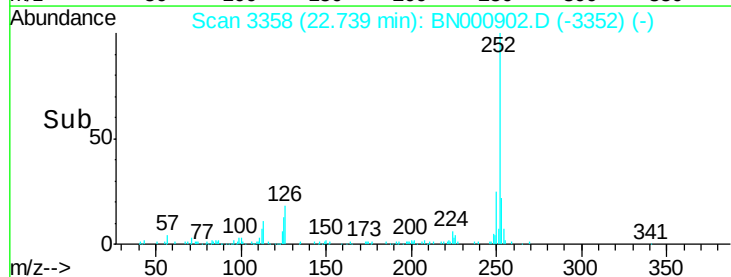
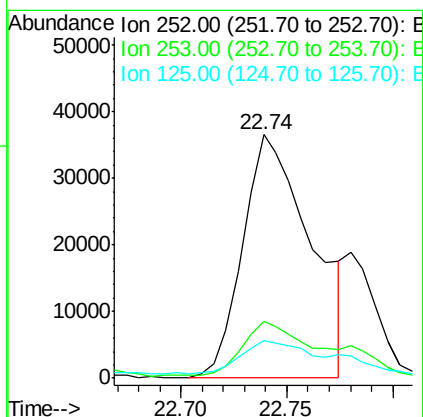
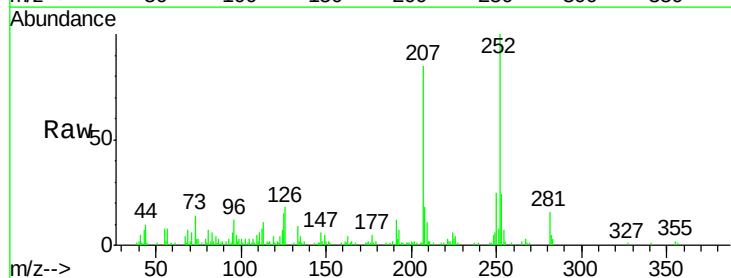
RT: 22.74 min Scan# 3358

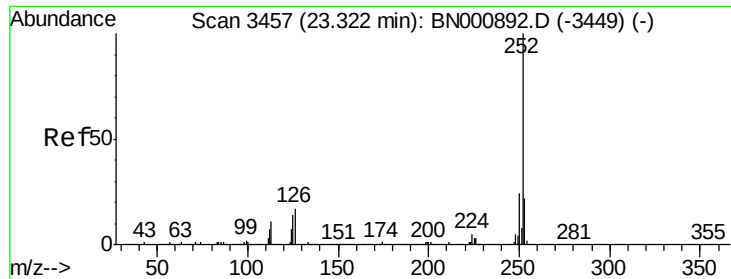
Delta R.T. -0.07 min

Lab File: BN000902.D

Acq: 25 Apr 2018 21:33

Tgt Ion:252	Resp:	81899
Ion Ratio	Lower	Upper
252	100	
253	23.5	18.0 27.0
125	15.3	8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.416 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BN000902.D

Acq: 25 Apr 2018 21:33

Instrument :

BNA_N

ClientSampleId :

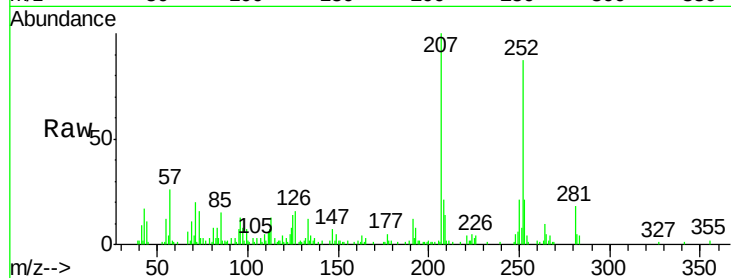
Tot Ion:252 Resp: 46710

Ion Ratio Lower Upper

252 100

253 24.3 17.2 25.8

125 16.6 8.2 12.4#



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

