

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000904.D
 Acq On : 25 Apr 2018 22:43
 Operator : JU/SJ
 Sample : J2485-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 08:00:12 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

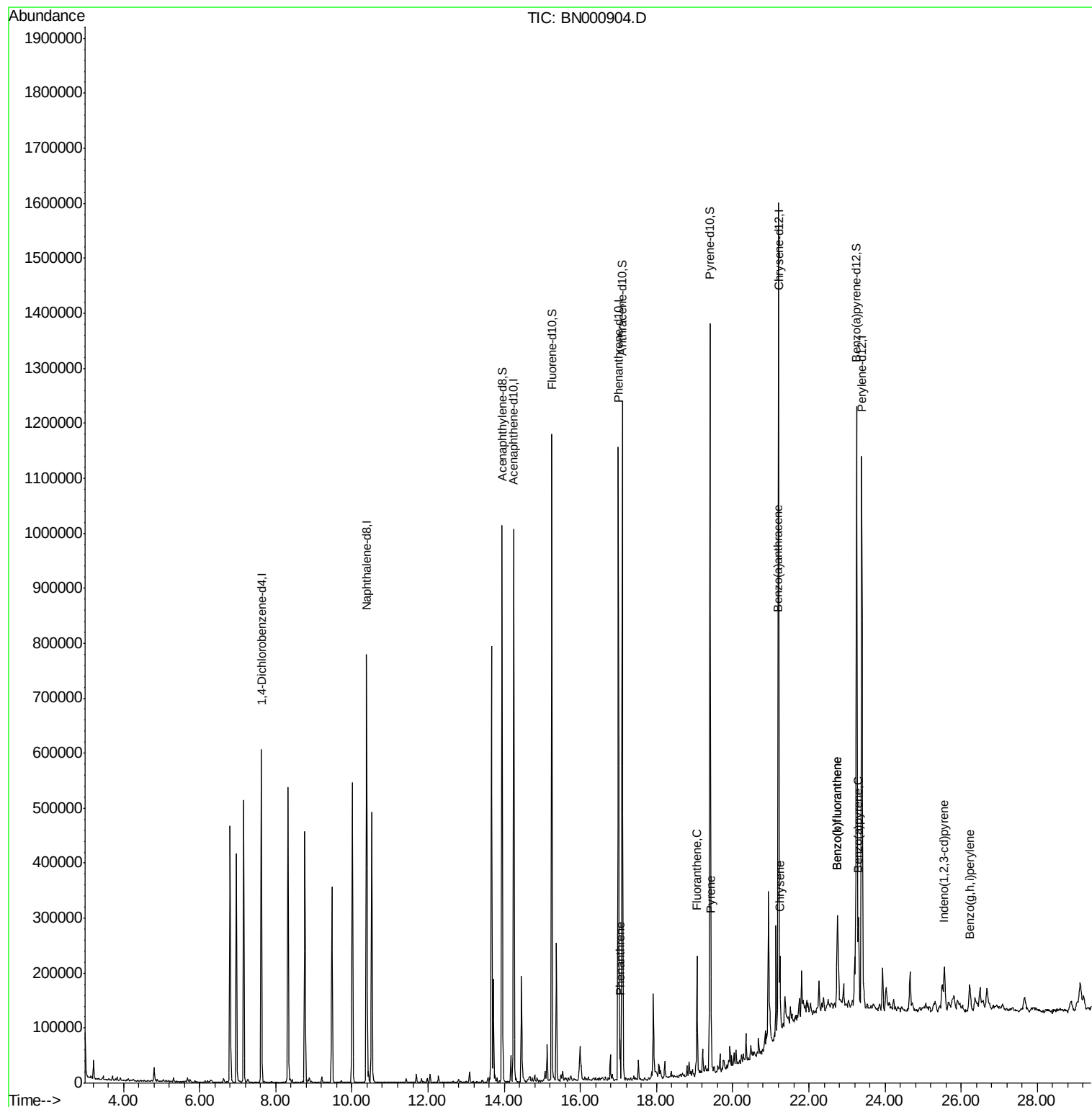
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	150690	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	620946	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	305068	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	613136	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	590997	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	634616	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	626114	21.37	ng/ul	0.00
10) Fluorene-d10	15.25	176	426302	21.80	ng/ul	0.00
14) Anthracene-d10	17.10	188	608823	21.71	ng/ul	0.00
18) Pyrene-d10	19.40	212	641814	21.19	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	708830	23.65	ng/ul	-0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	39520	1.182	ng/ul	98
16) Fluoranthene	19.06	202	110503	3.257	ng/ul	95
19) Pyrene	19.43	202	97123	2.559	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	83798	2.372	ng/ul	95
21) Chrysene	21.24	228	65903	1.985	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	145822	4.043	ng/ul#	97
24) Benzo(k)fluoranthene	22.74	252	118263	3.351	ng/ul#	97
26) Benzo(a)pyrene	23.30	252	78228	2.270	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.56	276	59016	1.418	ng/ul#	88
29) Benzo(g,h,i)perylene	26.22	276	53830	1.546	ng/ul#	92

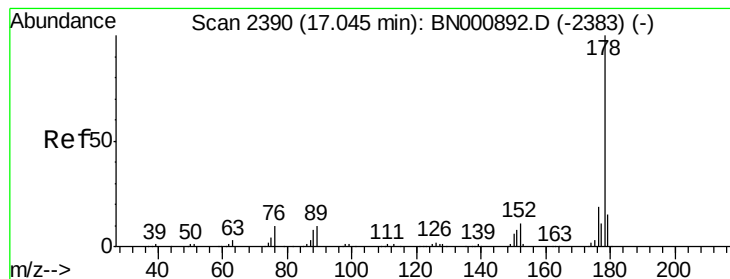
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.182 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

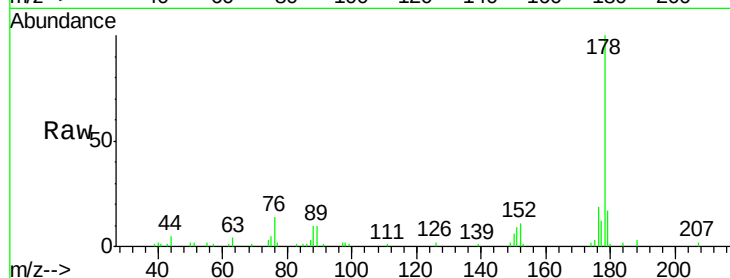
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 39520

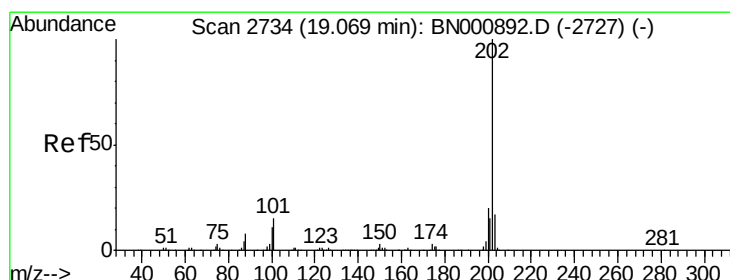
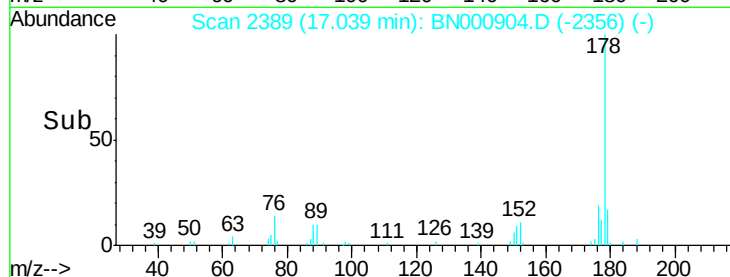
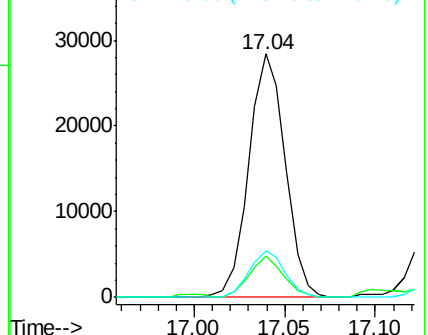
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	19.1	15.1	22.7



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: 3.257 ng/ul

RT: 19.06 min Scan# 2733

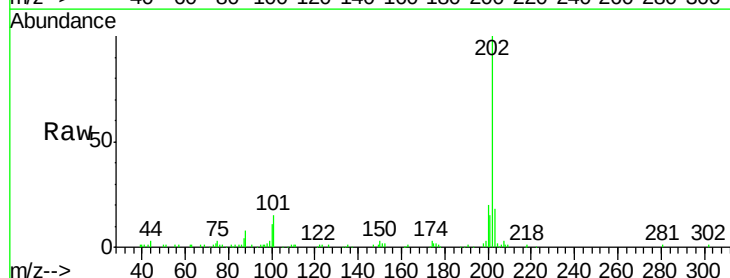
Delta R.T. -0.01 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

Tgt Ion:202 Resp: 110503

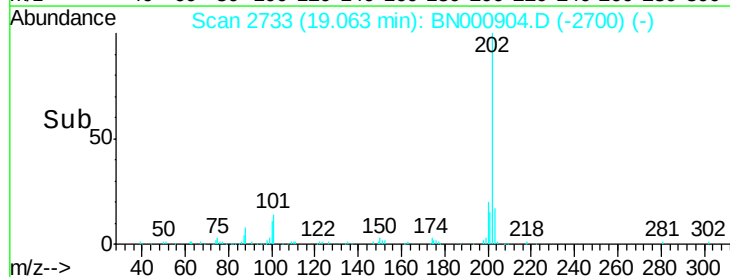
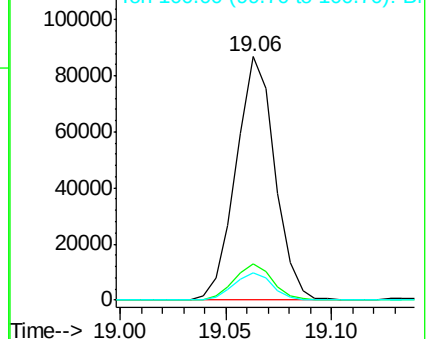
Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.0	7.4	11.0

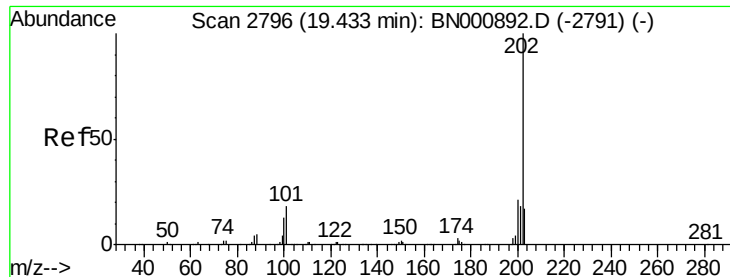


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

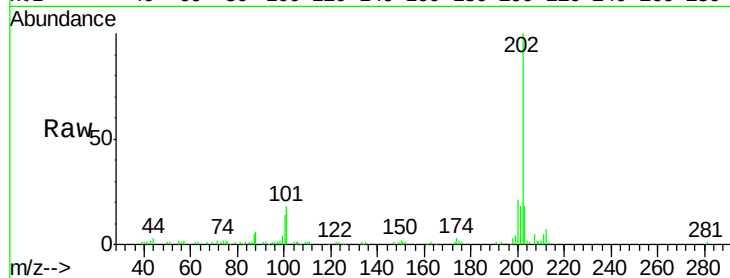




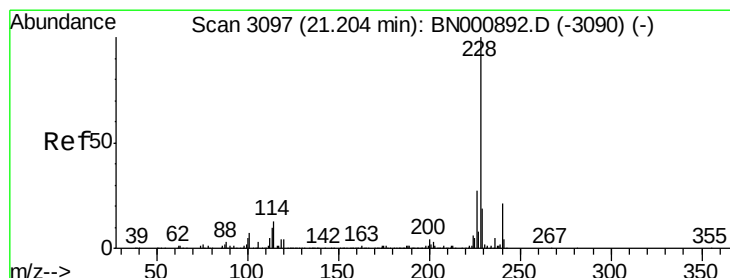
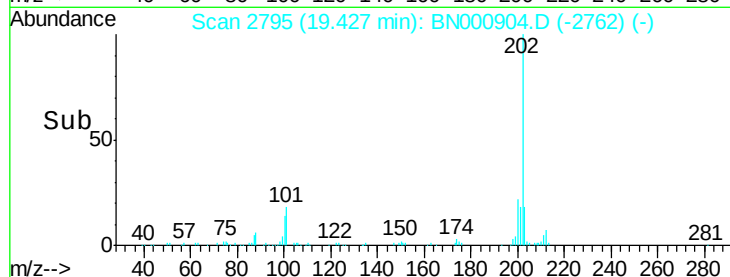
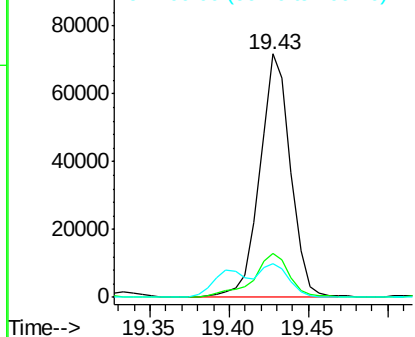
#19
Pvrene
Concen: 2.559 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	13.7	8.1	12.1#

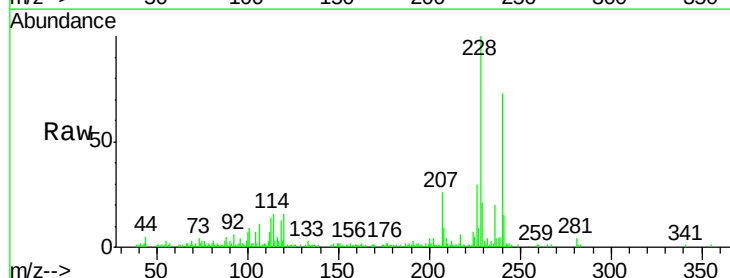


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

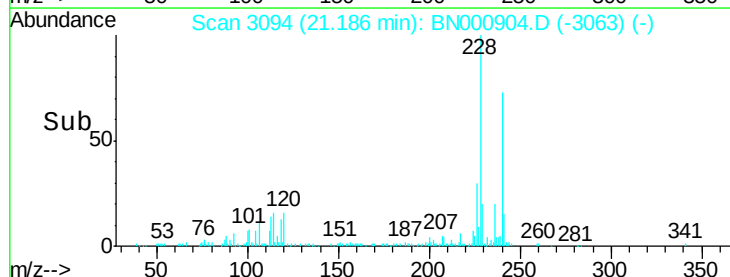
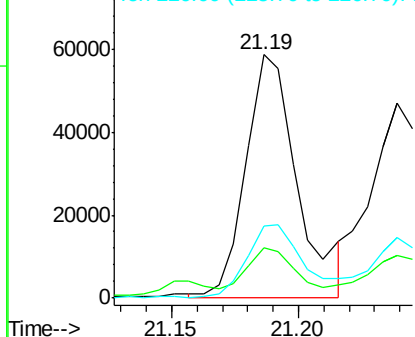


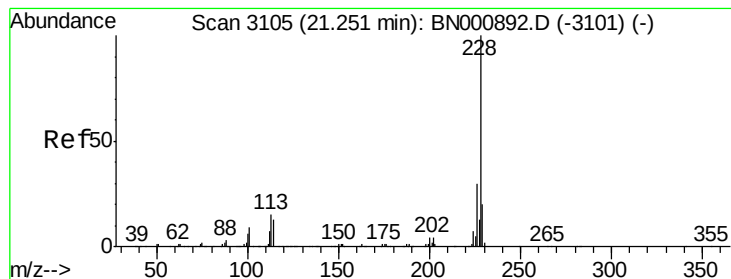
#20
Benzo(a)anthracene
Concen: 2.372 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	29.6	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: 1.985 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

Instrument :

BNA_N

ClientSampleId :

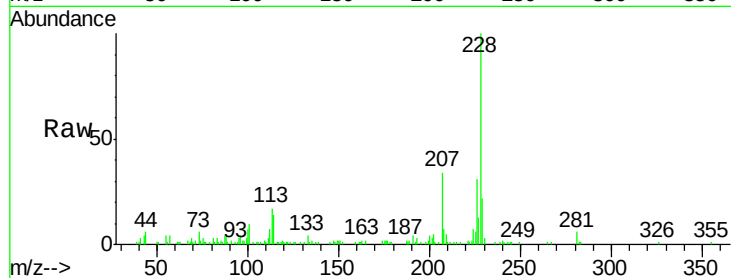
Tot Ion:228 Resp: 65903

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

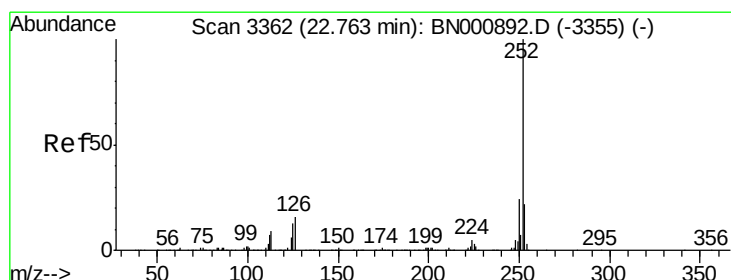
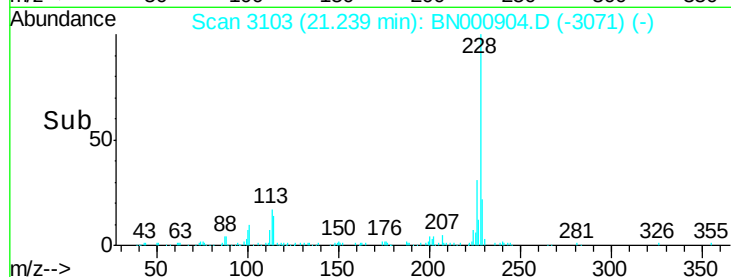
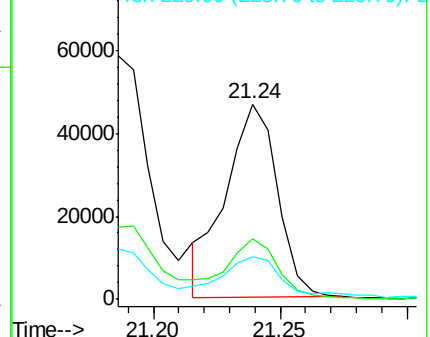
229 22.1 15.8 23.8



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: 4.043 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BN000904.D

Acq: 25 Apr 2018 22:43

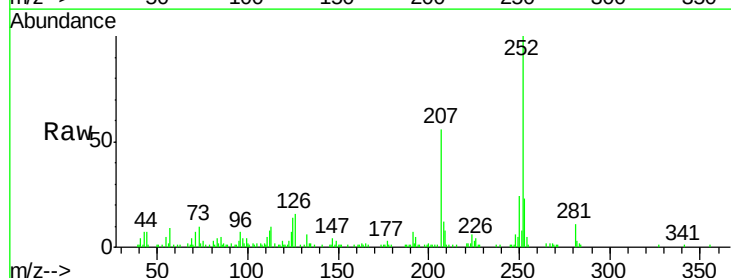
Tgt Ion:252 Resp: 145822

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

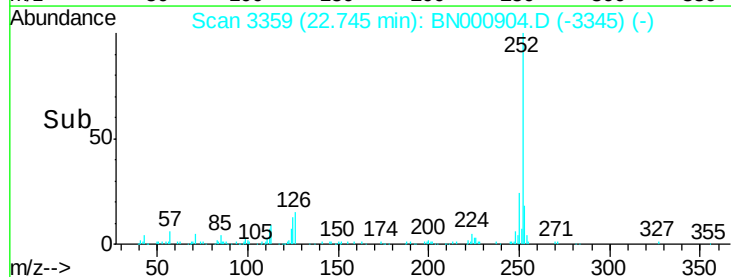
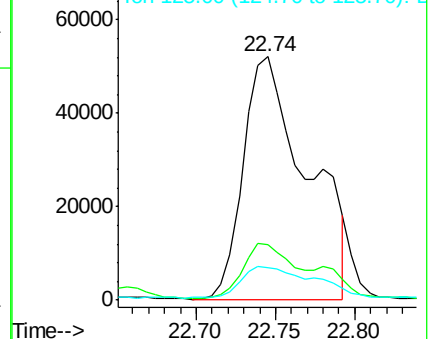
125 13.5 8.0 12.0#

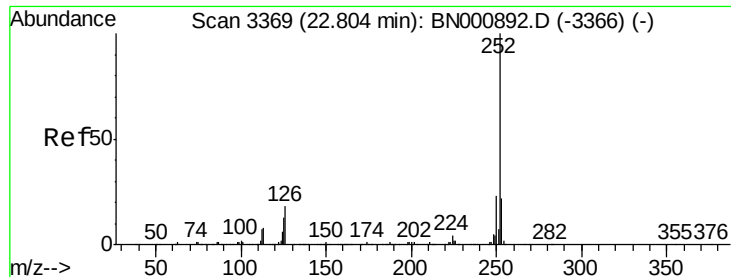


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

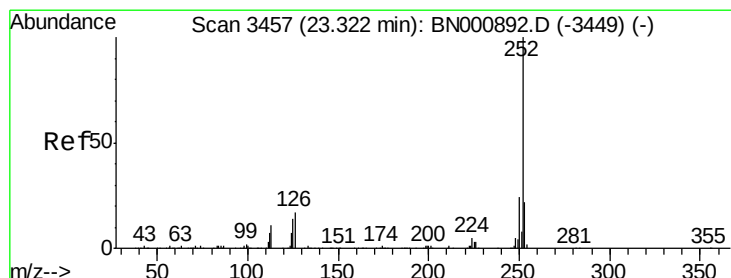
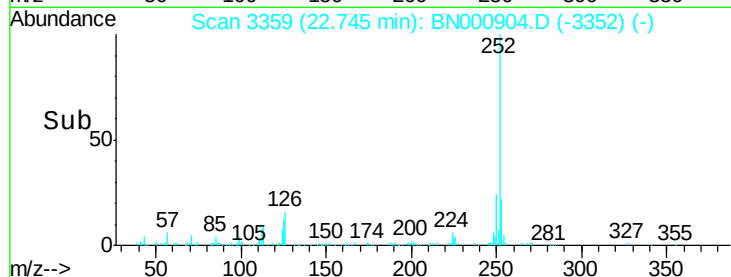
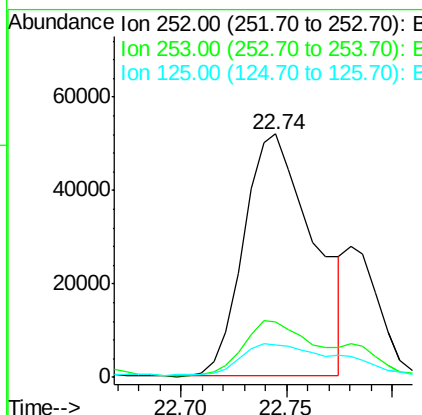
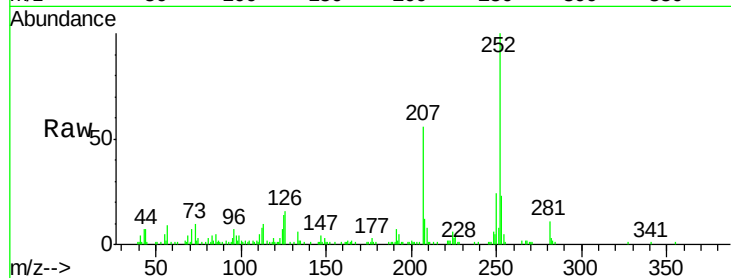




#24
Benzo(k)fluoranthene
Concen: 3.351 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.06 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

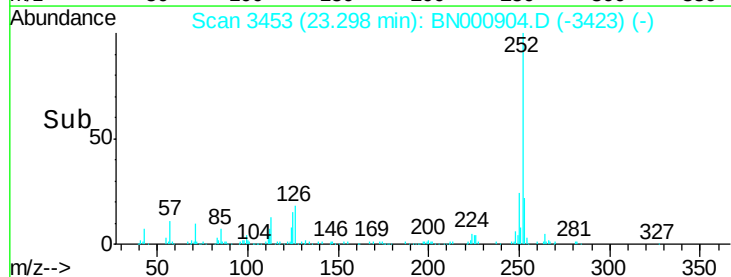
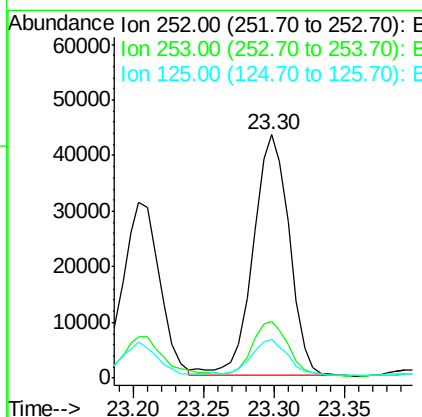
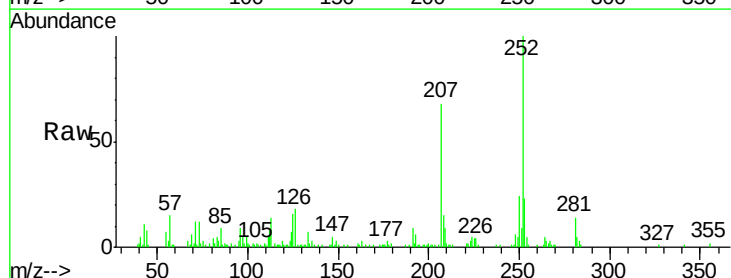
Instrument :
BNA_N
ClientSampleId :

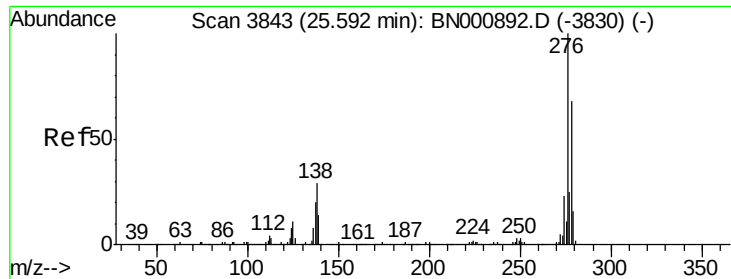
Tot Ion:252 Resp: 118263
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 13.5 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 2.270 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BN000904.D
Acq: 25 Apr 2018 22:43

Tgt Ion:252 Resp: 78228
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 15.8 8.2 12.4#

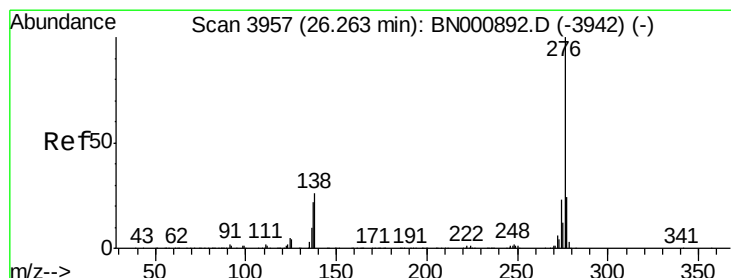
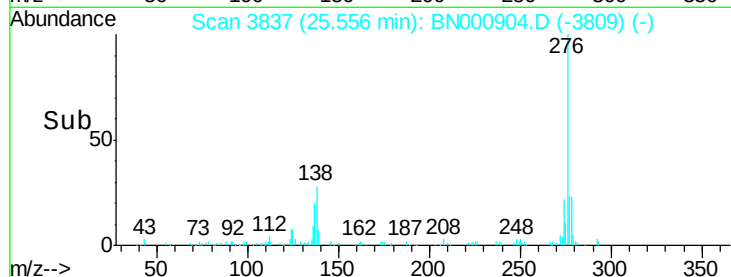
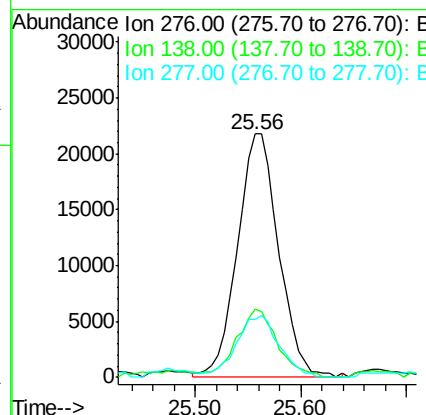
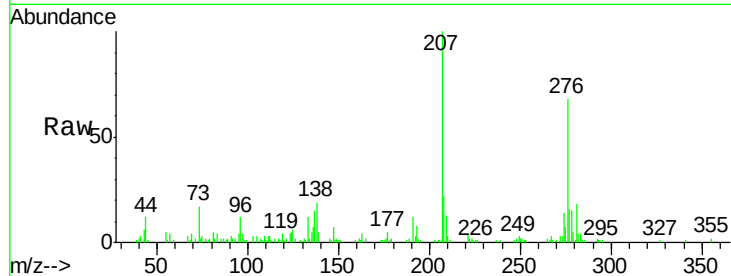




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.418 ng/ul
 RT: 25.56 min Scan# 3837
 Delta R.T. -0.04 min
 Lab File: BN000904.D
 Acq: 25 Apr 2018 22:43

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	14.4	21.6#
277	24.0	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.546 ng/ul
 RT: 26.22 min Scan# 3950
 Delta R.T. -0.04 min
 Lab File: BN000904.D
 Acq: 25 Apr 2018 22:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	15.3	22.9#
277	24.3	19.0	28.4

