

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000896.D
 Acq On : 25 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2485-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:58:23 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

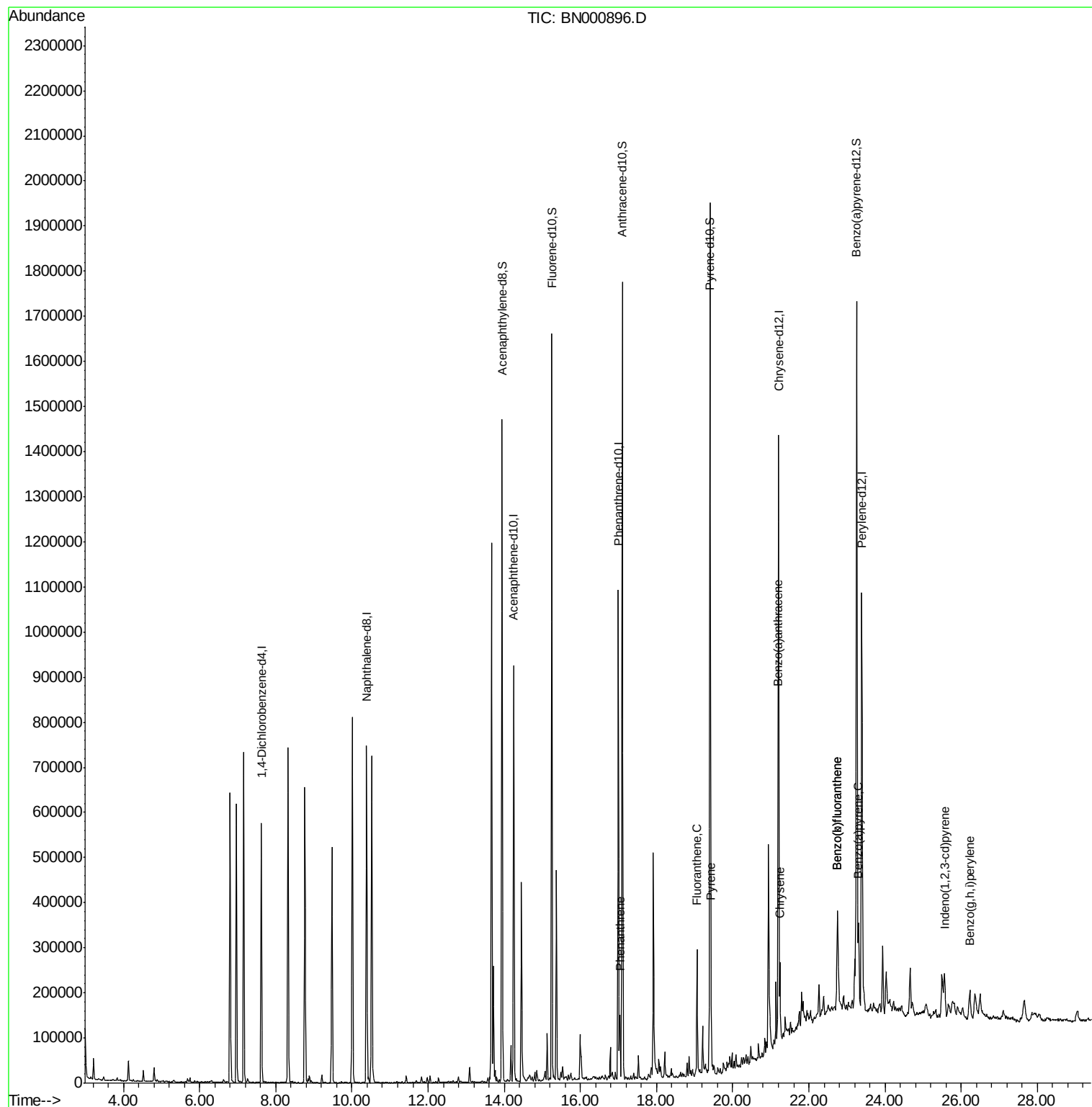
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140486	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	581370	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282170	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	560683	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	539098	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	562946	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	905618	33.42	ng/ul	0.00
10) Fluorene-d10	15.25	176	612131	33.84	ng/ul	0.00
14) Anthracene-d10	17.10	188	867098	33.82	ng/ul	0.00
18) Pyrene-d10	19.40	212	907310	32.85	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	994445	37.40	ng/ul	-0.02
Target Compounds						
13) Phenanthrene	17.04	178	75996	2.485	ng/ul	100
16) Fluoranthene	19.06	202	137953	4.446	ng/ul#	94
19) Pyrene	19.43	202	126643	3.657	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	71707	2.225	ng/ul	96
21) Chrysene	21.24	228	84750	2.798	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	168446	5.265	ng/ul#	95
24) Benzo(k)fluoranthene	22.74	252	139537	4.457	ng/ul#	95
26) Benzo(a)pyrene	23.30	252	85640	2.801	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	70348	1.905	ng/ul#	90
29) Benzo(g,h,i)perylene	26.23	276	61137	1.979	ng/ul#	94

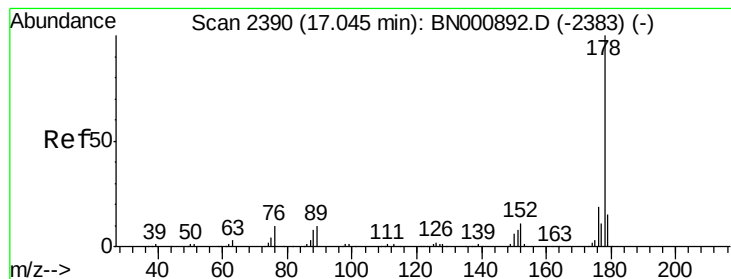
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.485 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000896.D

Acq: 25 Apr 2018 18:05

Instrument :

BNA_N

ClientSampleId :

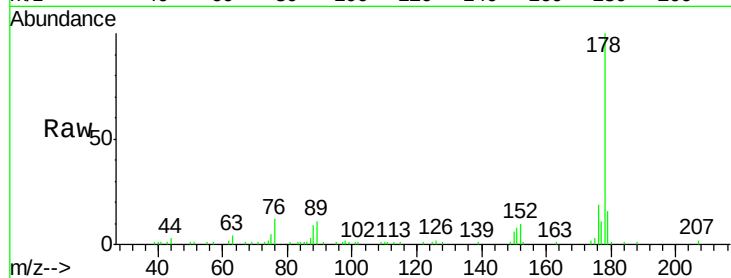
Tot Ion:178 Resp: 75996

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

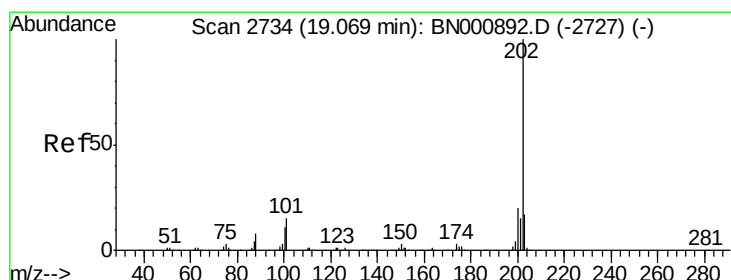
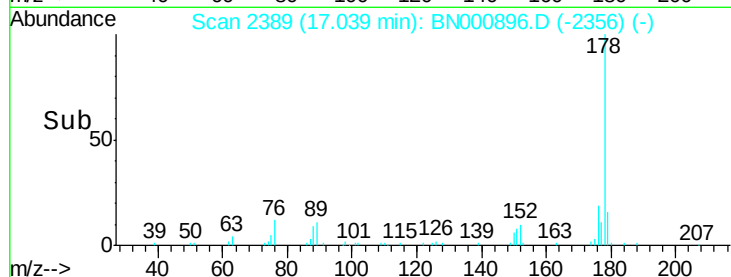
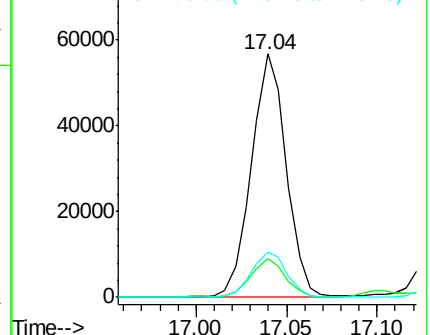
176 18.8 15.1 22.7



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: 4.446 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000896.D

Acq: 25 Apr 2018 18:05

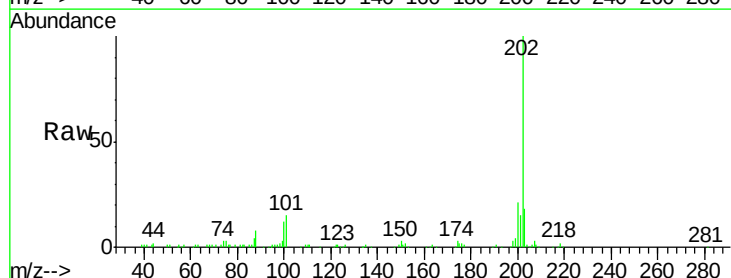
Tgt Ion:202 Resp: 137953

Ion Ratio Lower Upper

202 100

101 14.9 9.9 14.9#

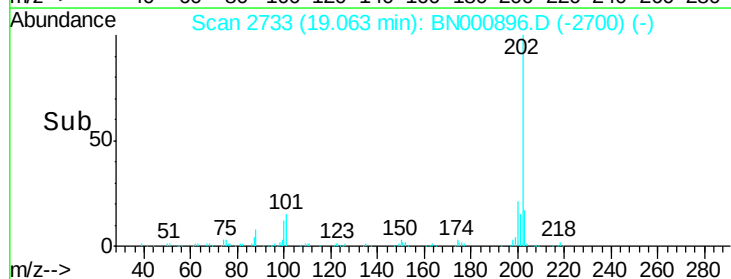
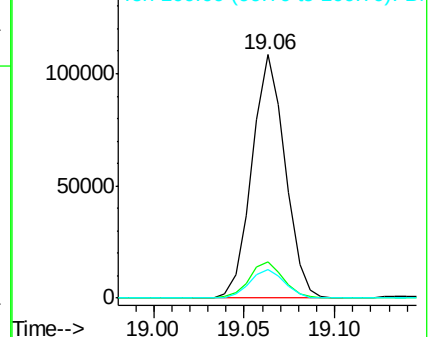
100 11.6 7.4 11.0#

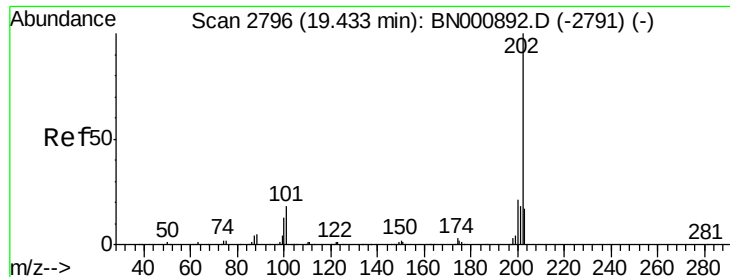


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

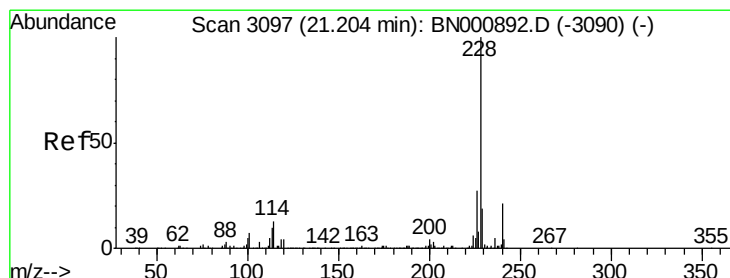
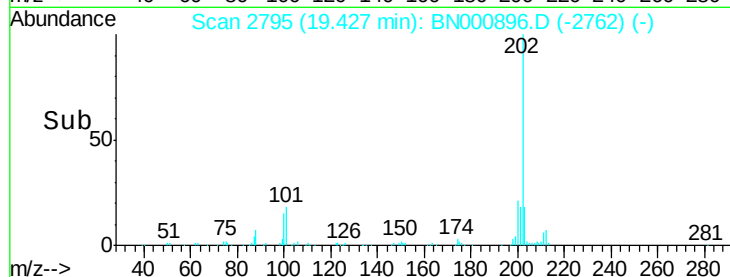
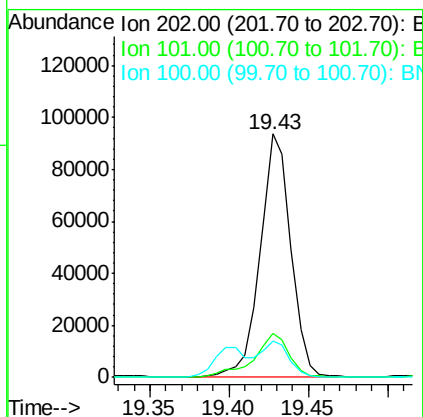
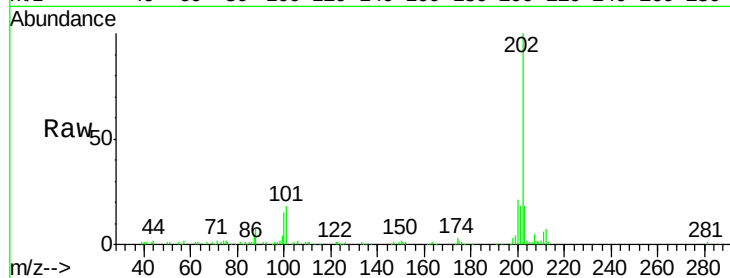




#19
 Pvrene
 Concen: 3.657 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.01 min
 Lab File: BN000896.D
 Acq: 25 Apr 2018 18:05

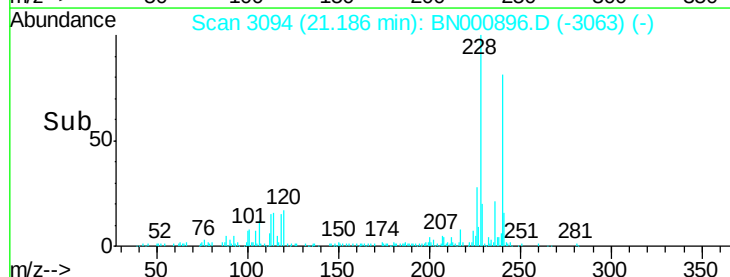
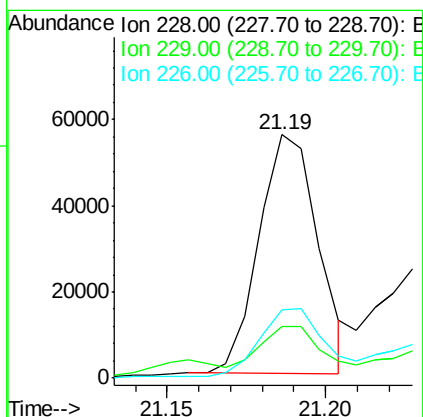
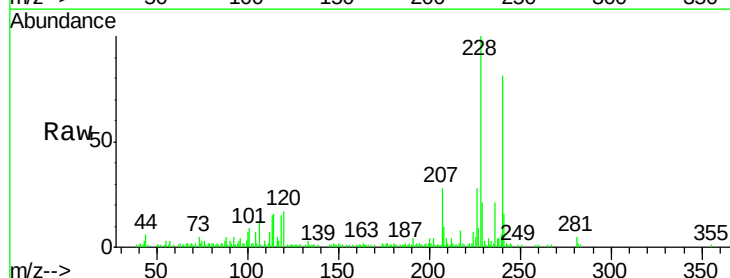
Instrument :
 BNA_N
 ClientSampleId :

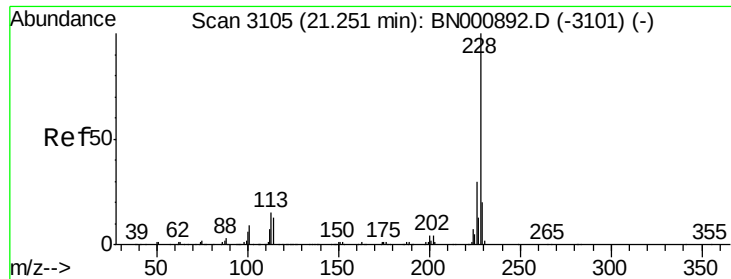
Tot Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	14.7	8.1	12.1#



#20
 Benzo(a)anthracene
 Concen: 2.225 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BN000896.D
 Acq: 25 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.1	21.1	31.7

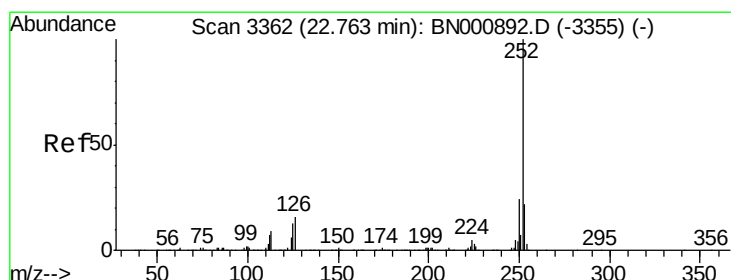
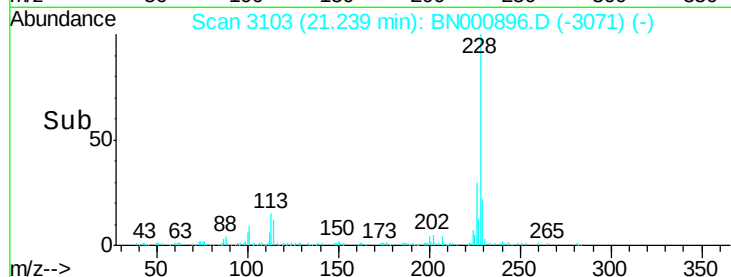
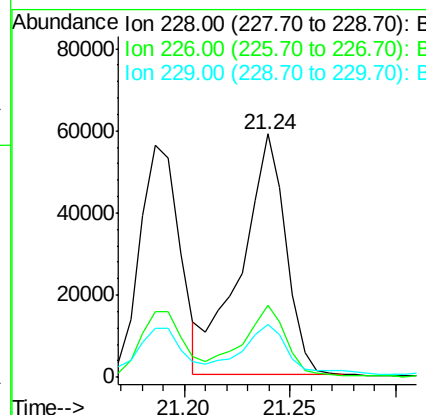
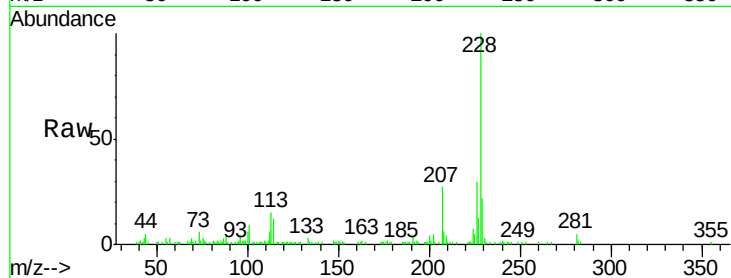




#21
Chrysene
Concen: 2.798 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

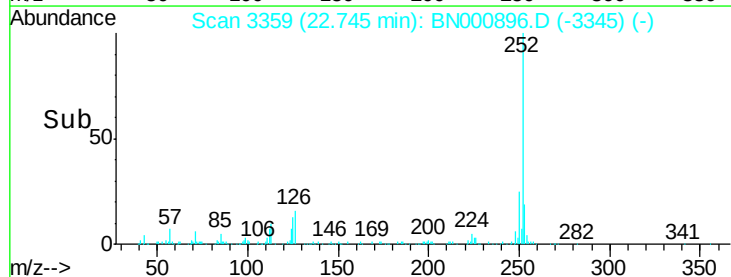
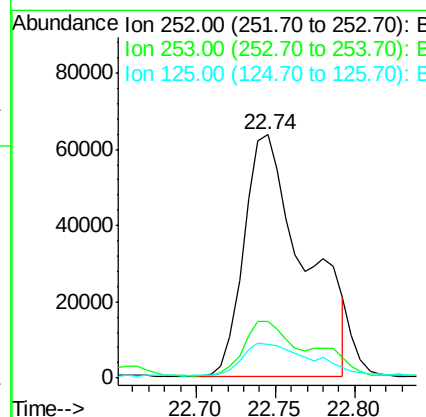
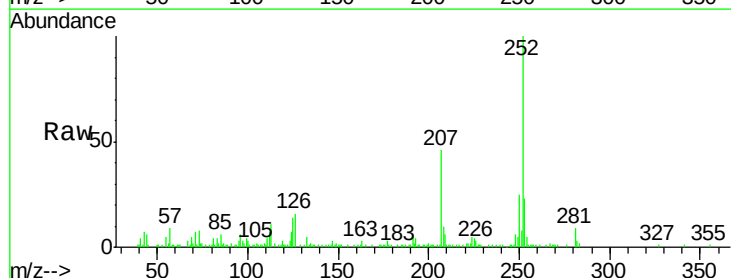
Instrument :
BNA_N
ClientSampleId :

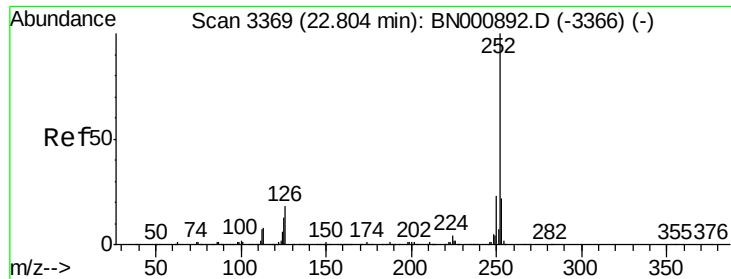
Tot Ion:228 Resp: 84750
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 21.7 15.8 23.8



#23
Benzo(b)fluoranthene
Concen: 5.265 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

Tgt Ion:252 Resp: 168446
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 14.0 8.0 12.0#

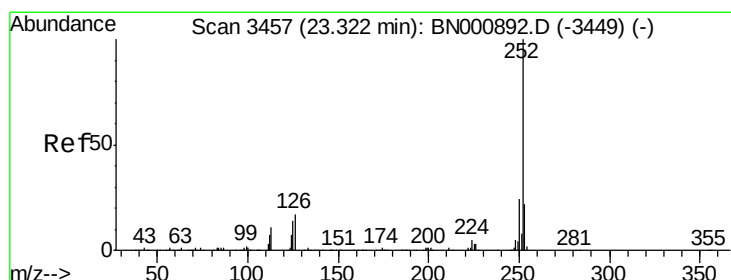
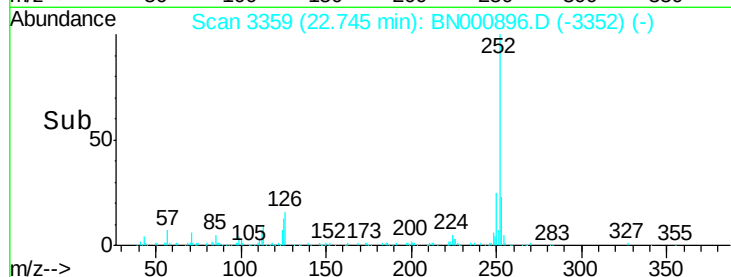
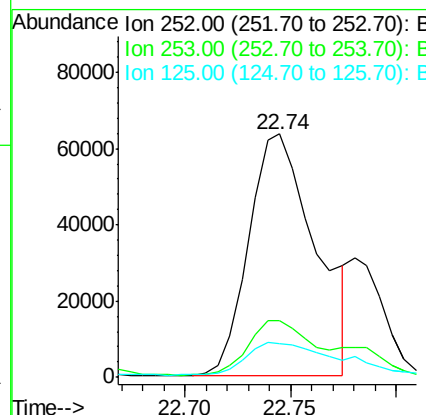
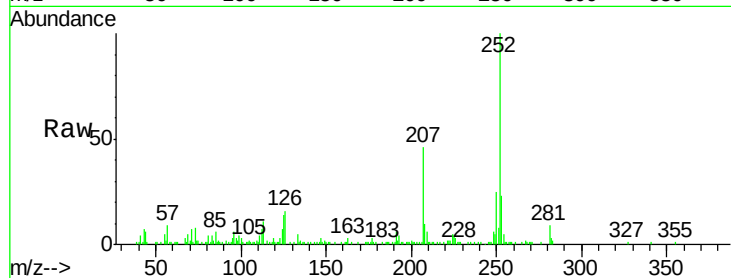




#24
Benzo(k)fluoranthene
Concen: 4.457 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.06 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

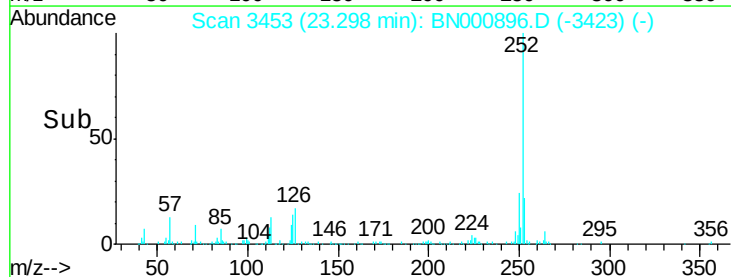
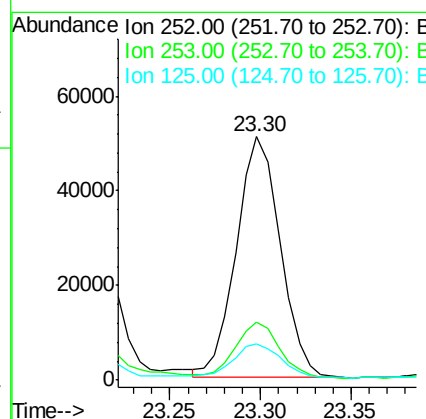
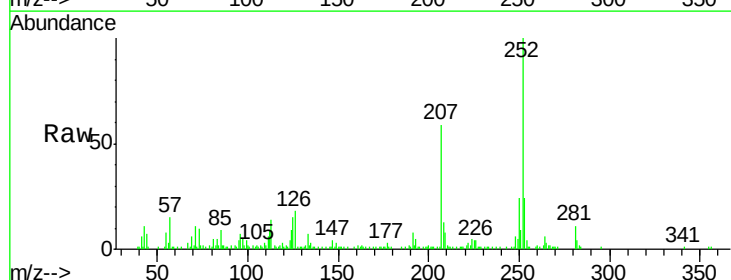
Instrument :
BNA_N
ClientSampleId :

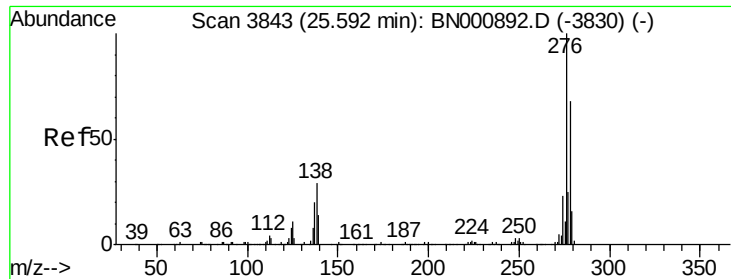
Tot Ion:252 Resp: 139537
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 14.0 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 2.801 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BN000896.D
Acq: 25 Apr 2018 18:05

Tgt Ion:252 Resp: 85640
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 15.1 8.2 12.4#

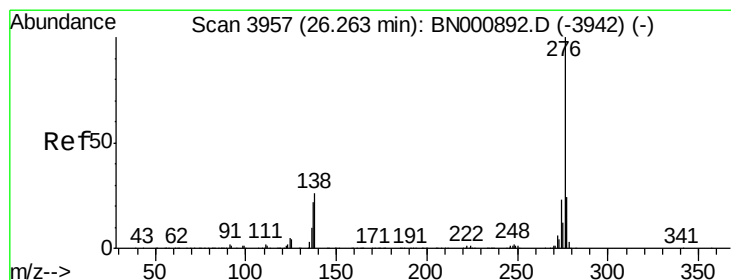
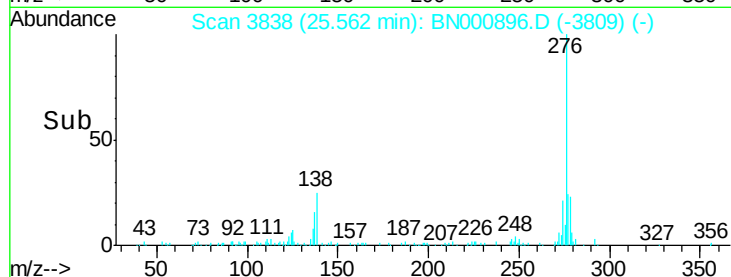
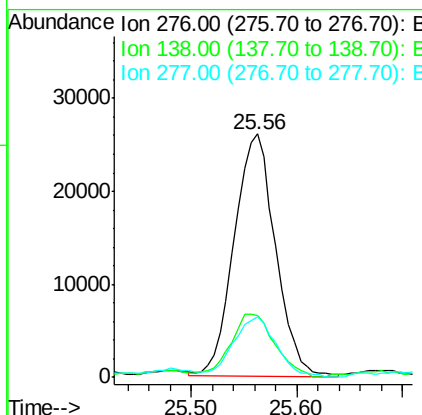
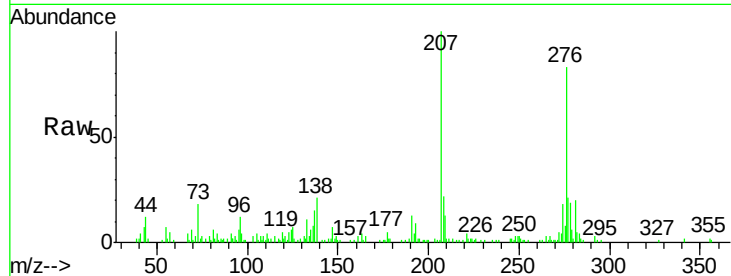




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.905 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.03 min
 Lab File: BN000896.D
 Acq: 25 Apr 2018 18:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 70348
 Ion Ratio Lower Upper
 276 100
 138 25.7 14.4 21.6#
 277 24.8 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.979 ng/ul
 RT: 26.23 min Scan# 3951
 Delta R.T. -0.04 min
 Lab File: BN000896.D
 Acq: 25 Apr 2018 18:05

Tgt Ion:276 Resp: 61137
 Ion Ratio Lower Upper
 276 100
 138 24.4 15.3 22.9#
 277 22.7 19.0 28.4

