

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001066.D
 Acq On : 02 May 2018 12:34
 Operator : JU/SJ
 Sample : J2527-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 07:36:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 07:35:09 2018
 Response via : Initial Calibration

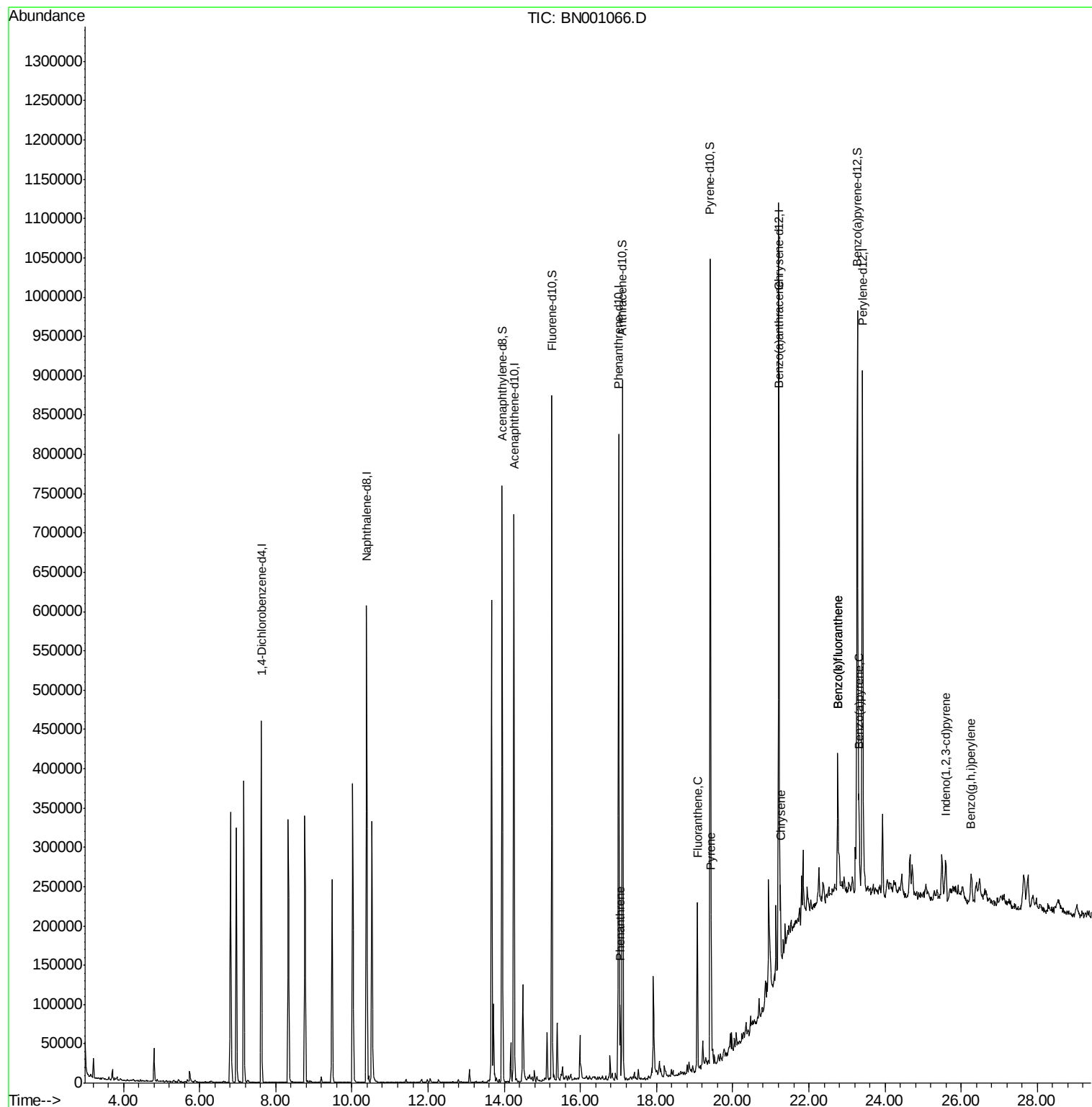
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	113185	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	467689	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	224842	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	429038	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	401032	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	426277	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	468709	21.71	ng/ul	0.00
10) Fluorene-d10	15.25	176	313410	21.74	ng/ul	0.00
14) Anthracene-d10	17.10	188	436909	22.27	ng/ul	0.00
18) Pyrene-d10	19.41	212	452022	22.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	482355	23.95	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	51572	2.204	ng/ul	98
16) Fluoranthene	19.07	202	112925	4.757	ng/ul#	94
19) Pyrene	19.44	202	94479	3.668	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	55377	2.310	ng/ul	96
21) Chrysene	21.25	228	53972	2.395	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	97886	4.041	ng/ul#	90
24) Benzo(k)fluoranthene	22.76	252	99424	4.194	ng/ul#	90
26) Benzo(a)pyrene	23.32	252	48862	2.110	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	35864	1.283	ng/ul#	89
29) Benzo(g,h,i)perylene	26.26	276	38587	1.650	ng/ul#	88

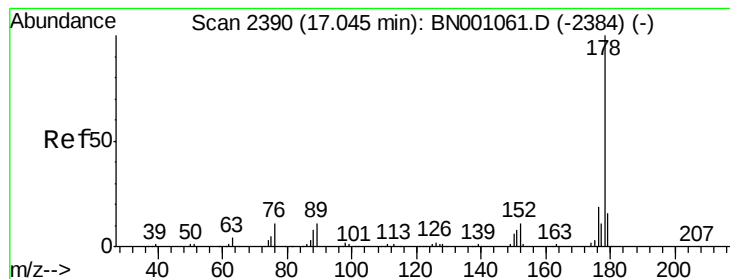
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.204 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001066.D

Acq: 02 May 2018 12:34

Instrument :

BNA_N

ClientSampleId :

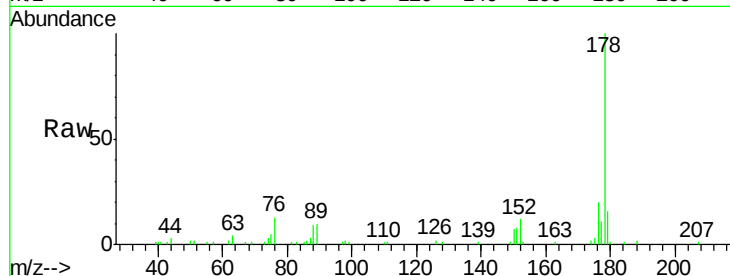
Tot Ion:178 Resp: 51572

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

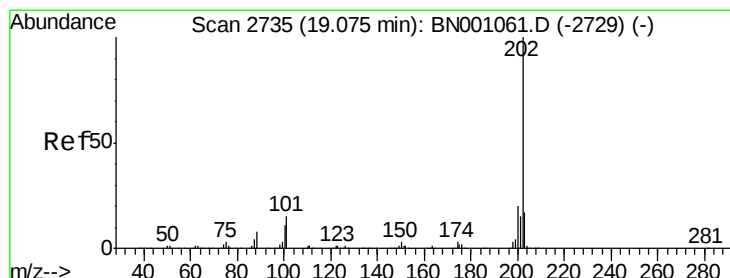
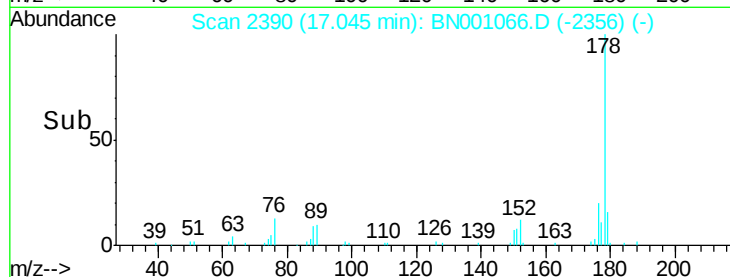
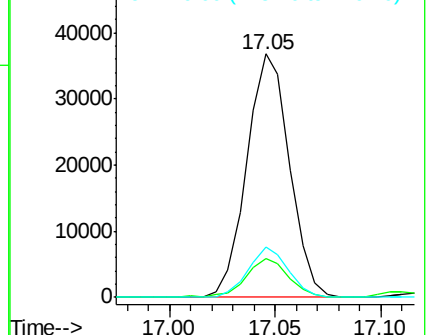
176 20.5 15.1 22.7



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: 4.757 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BN001066.D

Acq: 02 May 2018 12:34

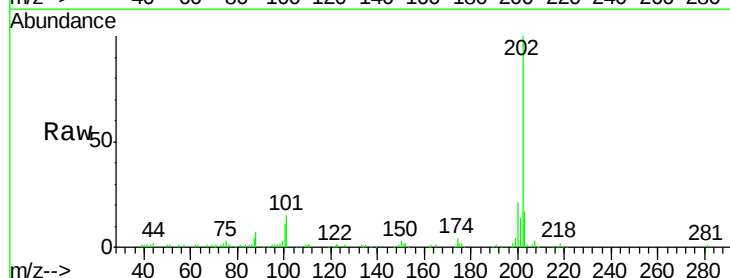
Tgt Ion:202 Resp: 112925

Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

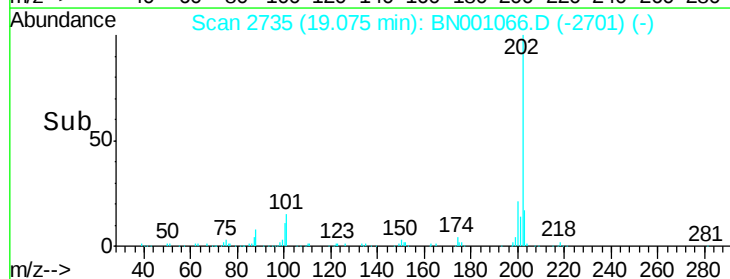
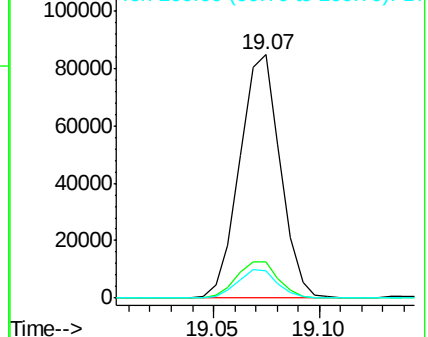
100 11.2 7.4 11.0#

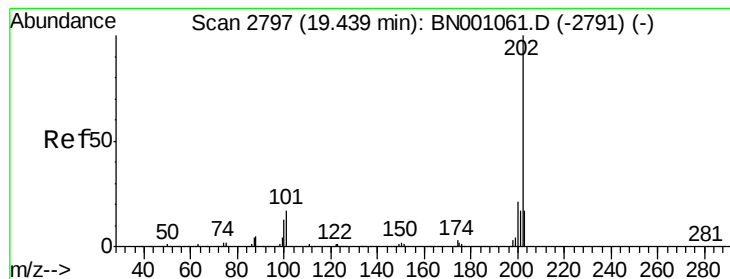


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.668 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001066.D

Acq: 02 May 2018 12:34

Instrument :

BNA_N

ClientSampled :

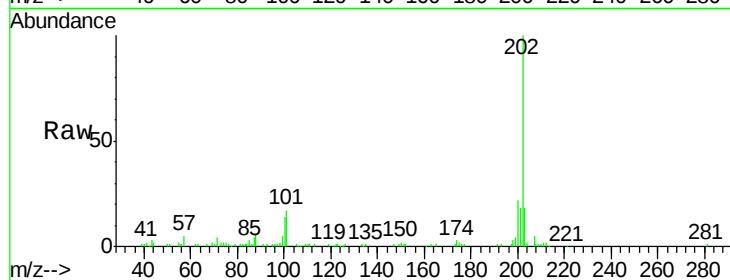
Tot Ion:202 Resp: 94479

Ion Ratio Lower Upper

202 100

101 17.4 11.0 16.4#

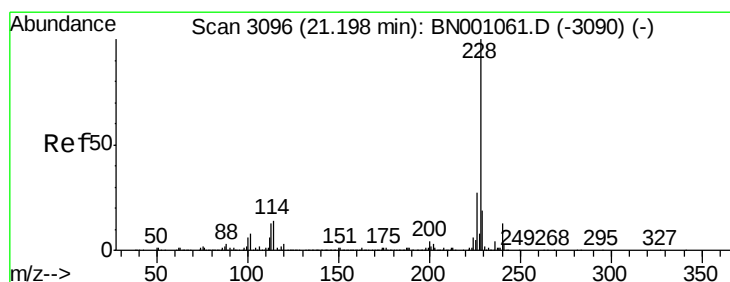
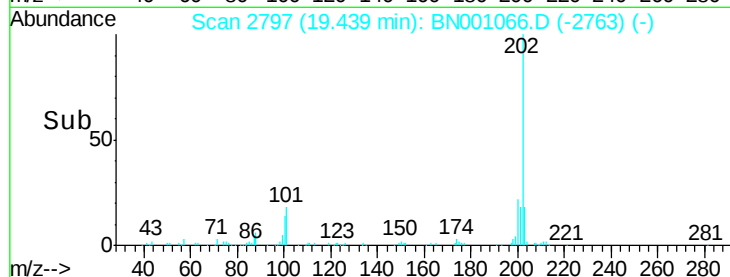
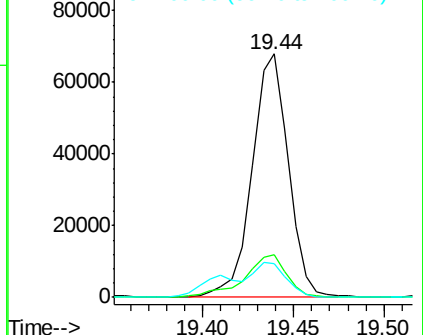
100 13.7 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 2.310 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001066.D

Acq: 02 May 2018 12:34

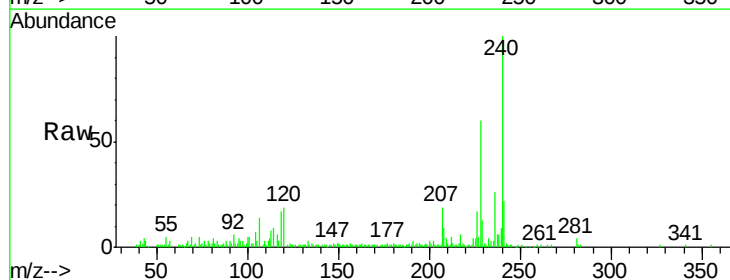
Tgt Ion:228 Resp: 55377

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

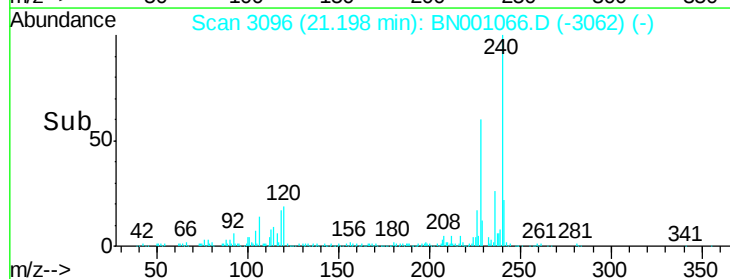
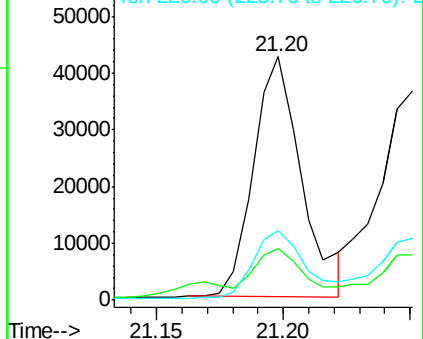
226 28.7 21.1 31.7

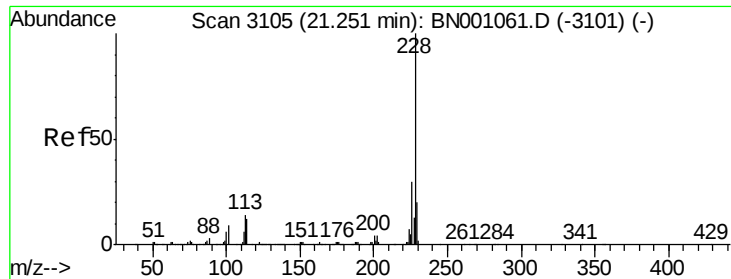


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

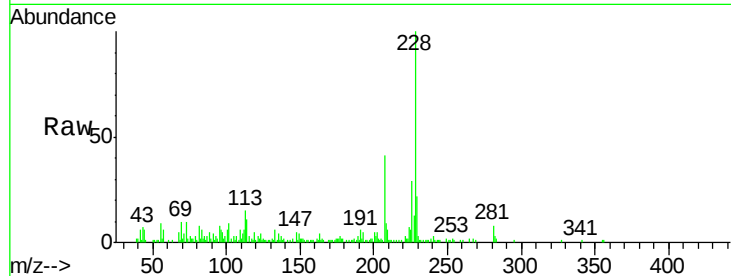




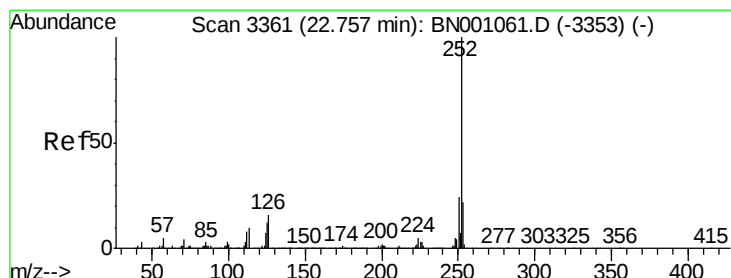
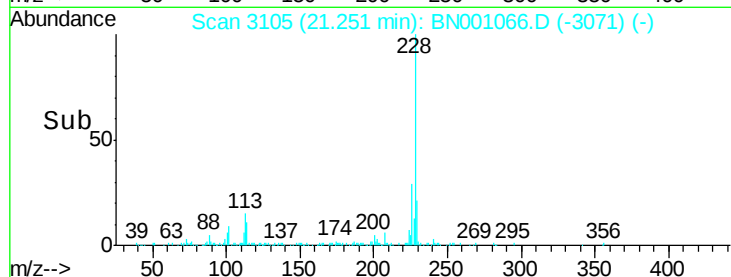
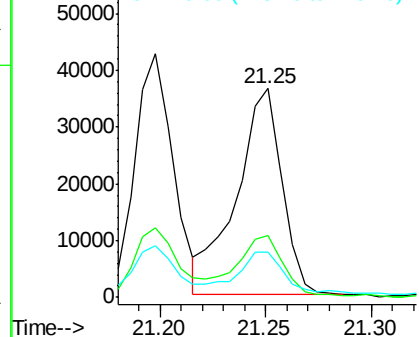
#21
Chrysene
Concen: 2.395 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN001066.D
Acq: 02 May 2018 12:34

Instrument :
BNA_N
ClientSampled :

Tot Ion:228 Resp: 53972
Ion Ratio Lower Upper
228 100
226 29.3 24.5 36.7
229 21.7 15.8 23.8

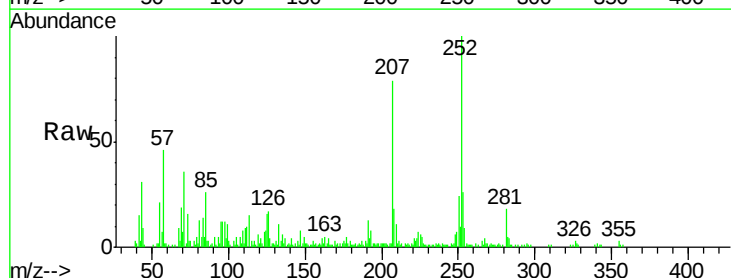


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

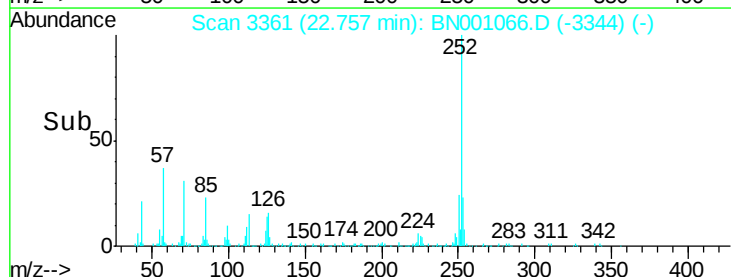
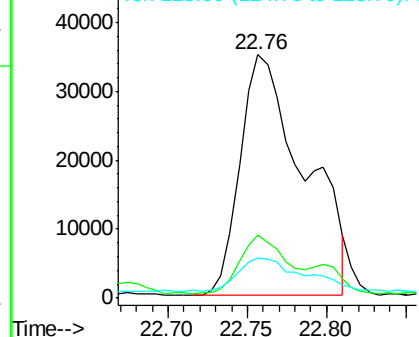


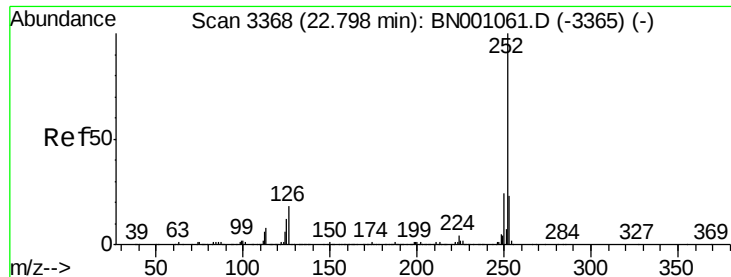
#23
Benzo(b)fluoranthene
Concen: 4.041 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN001066.D
Acq: 02 May 2018 12:34

Tgt Ion:252 Resp: 97886
Ion Ratio Lower Upper
252 100
253 25.9 18.0 27.0
125 16.4 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

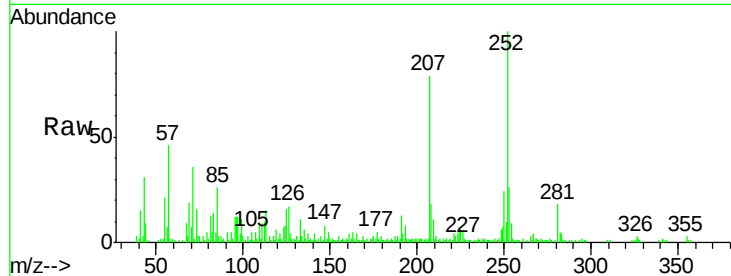




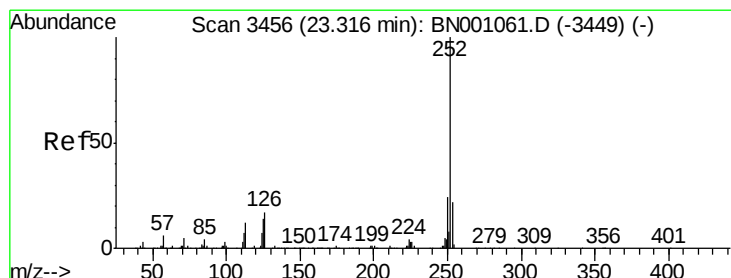
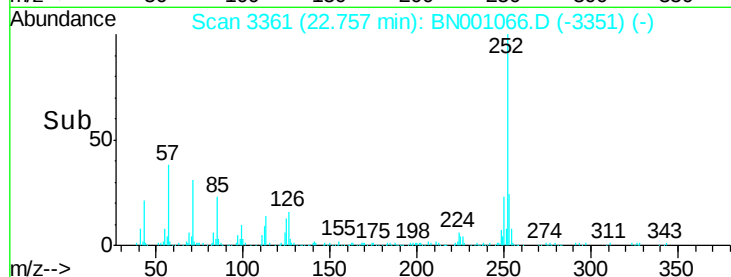
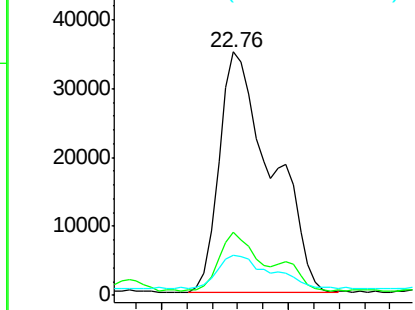
#24
Benzo(k)fluoranthene
Concen: 4.194 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001066.D
Acq: 02 May 2018 12:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 99424
Ion Ratio Lower Upper
252 100
253 25.9 18.0 27.0
125 16.4 8.1 12.1#

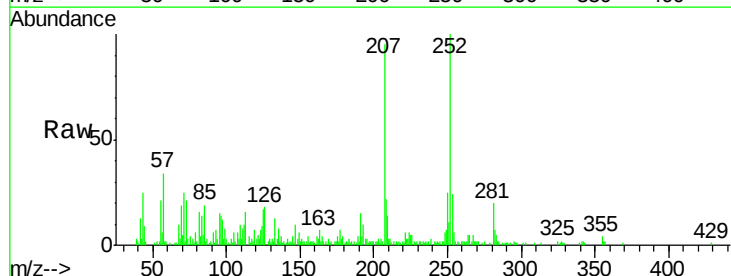


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

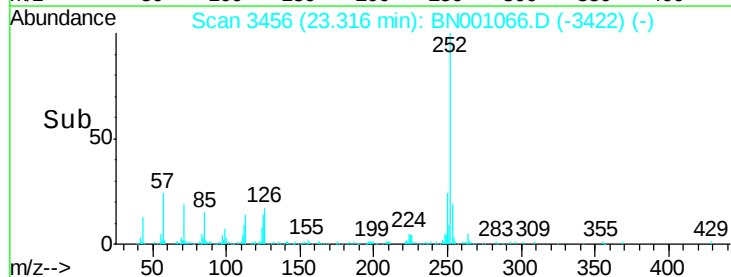
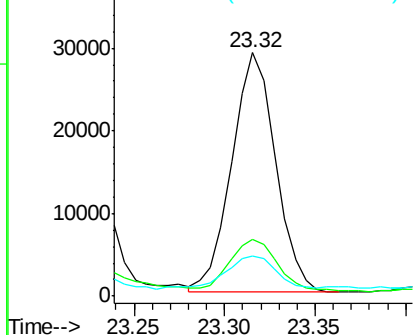


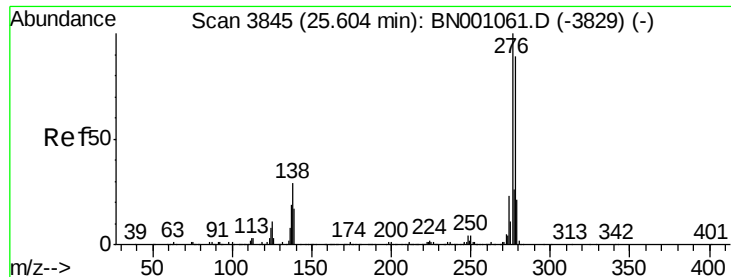
#26
Benzo(a)pyrene
Concen: 2.110 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001066.D
Acq: 02 May 2018 12:34

Tgt Ion:252 Resp: 48862
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 16.7 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

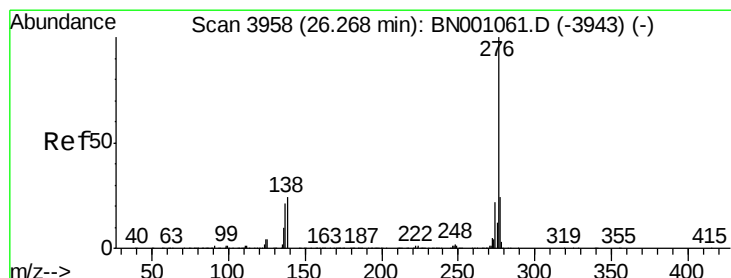
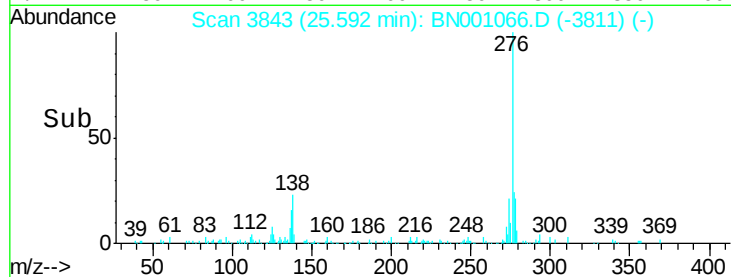
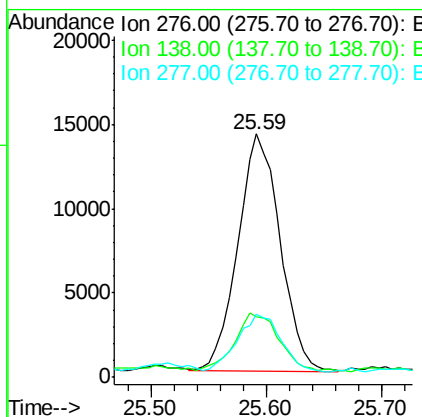
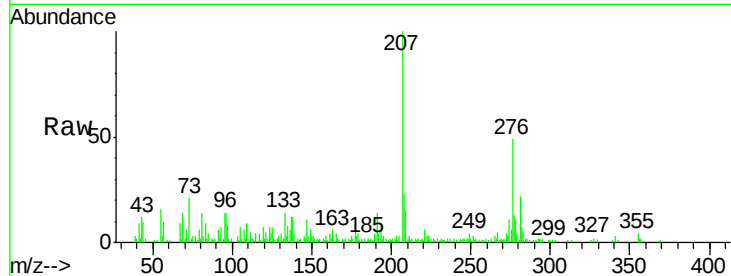




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.283 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN001066.D
 Acq: 02 May 2018 12:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	14.4	21.6#
277	25.8	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.650 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. -0.01 min
 Lab File: BN001066.D
 Acq: 02 May 2018 12:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.3	22.9#
277	28.6	19.0	28.4#

