

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001076.D
 Acq On : 02 May 2018 18:24
 Operator : JU/SJ
 Sample : J2527-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 07:38:53 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

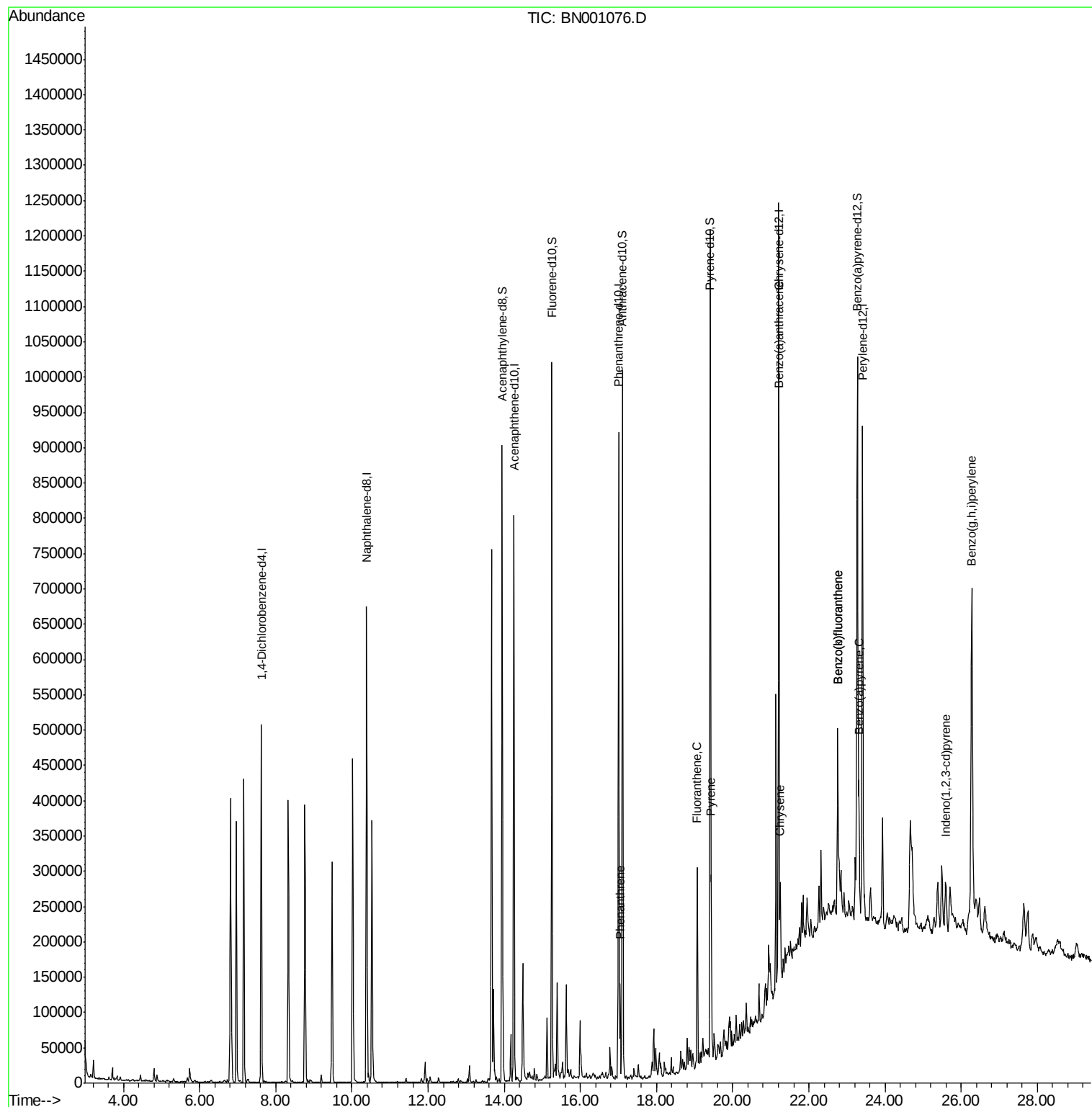
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125686	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	527018	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	253504	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	465119	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	422426	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	450435	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	548251	22.52	ng/ul	0.00
10) Fluorene-d10	15.25	176	364638	22.44	ng/ul	0.00
14) Anthracene-d10	17.10	188	496978	23.37	ng/ul	0.00
18) Pyrene-d10	19.41	212	502892	23.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	535525	25.17	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	71009	2.799	ng/ul	99
16) Fluoranthene	19.07	202	148444	5.768	ng/ul#	92
19) Pyrene	19.44	202	136328	5.024	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	72376	2.866	ng/ul	95
21) Chrysene	21.25	228	72349	3.048	ng/ul	96
23) Benzo(b)fluoranthene	22.76	252	141850	5.541	ng/ul#	93
24) Benzo(k)fluoranthene	22.76	252	144253	5.759	ng/ul#	93
26) Benzo(a)pyrene	23.32	252	70606	2.886	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	52894	1.790	ng/ul#	86
29) Benzo(g,h,i)perylene	26.26	276	53724	2.174	ng/ul#	91

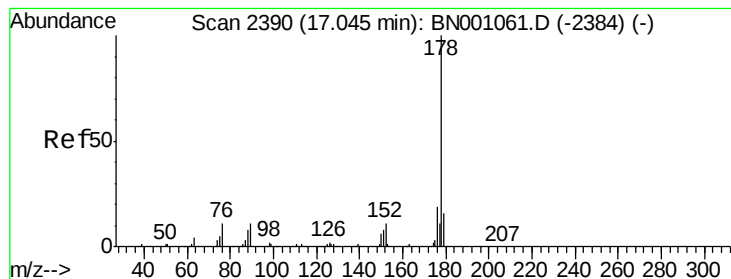
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.799 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001076.D

Acq: 02 May 2018 18:24

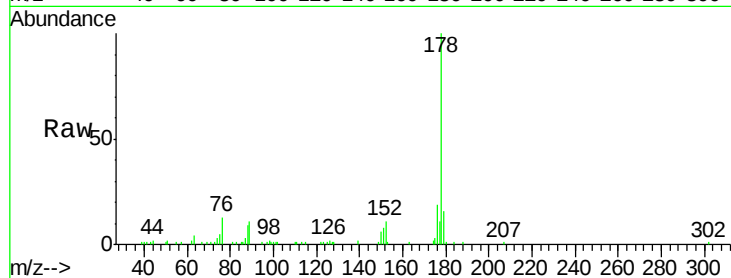
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 71009

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	15.1	22.7

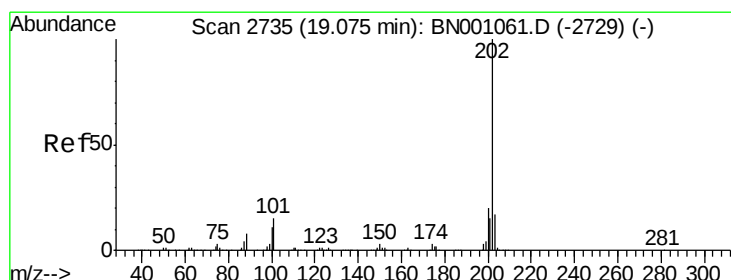
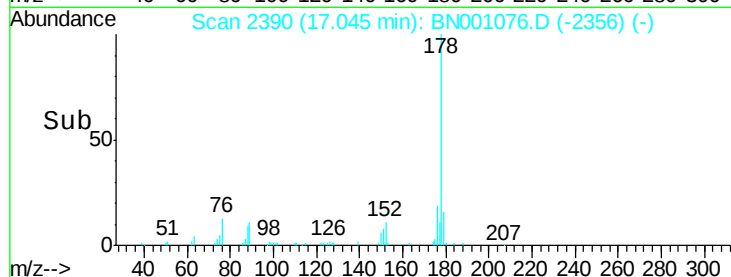
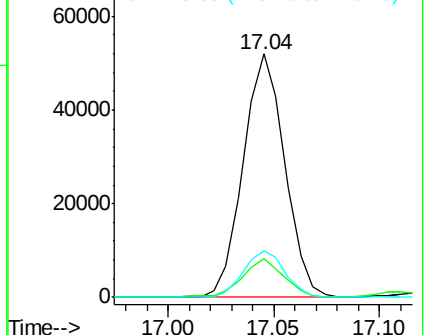


Abundance

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: 5.768 ng/ul

RT: 19.07 min Scan# 2734

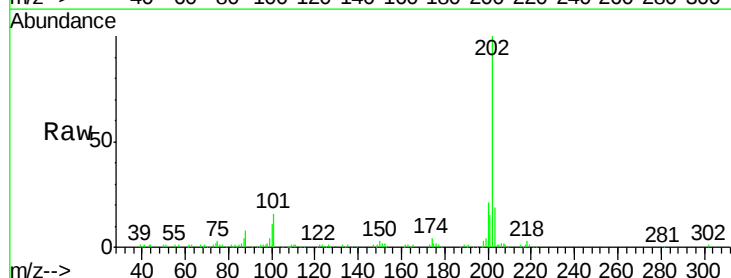
Delta R.T. -0.01 min

Lab File: BN001076.D

Acq: 02 May 2018 18:24

Tgt Ion:202 Resp: 148444

Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	11.4	7.4	11.0#

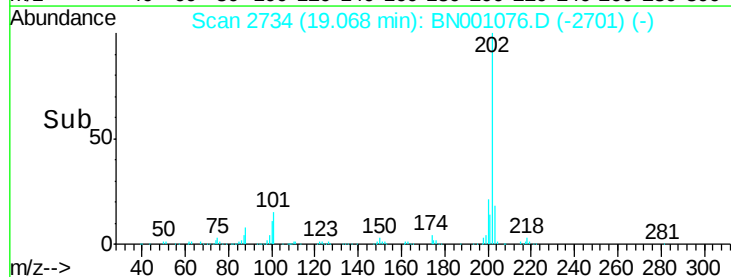
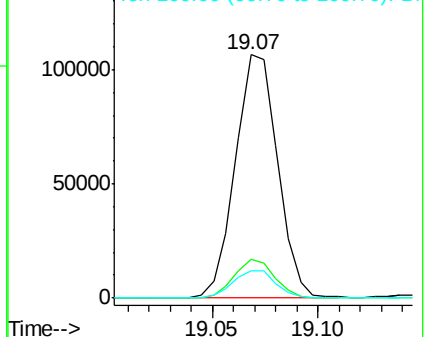


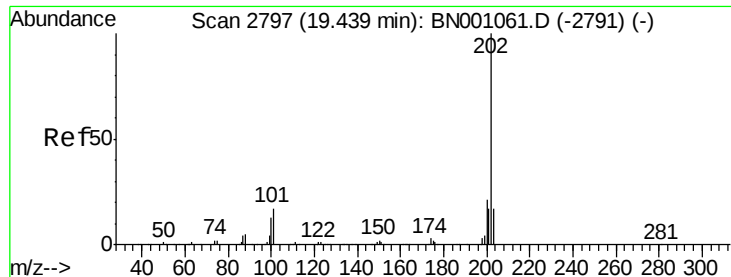
Abundance

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: 5.024 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001076.D

Acq: 02 May 2018 18:24

Instrument :

BNA_N

ClientSampled :

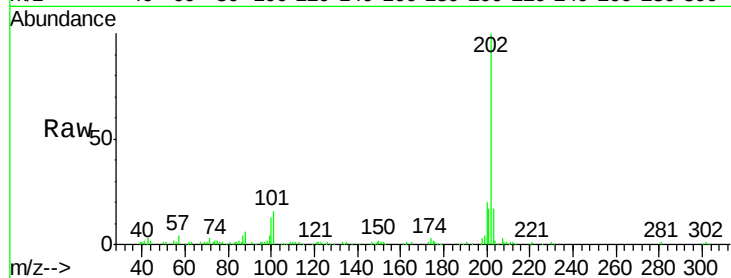
Tot Ion:202 Resp: 136328

Ion Ratio Lower Upper

202 100

101 16.5 11.0 16.4#

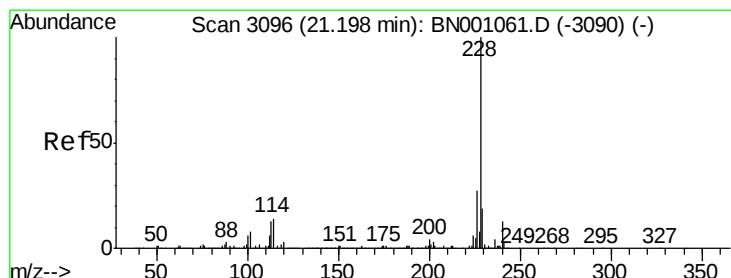
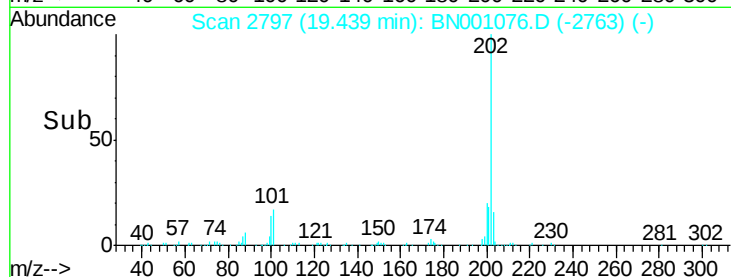
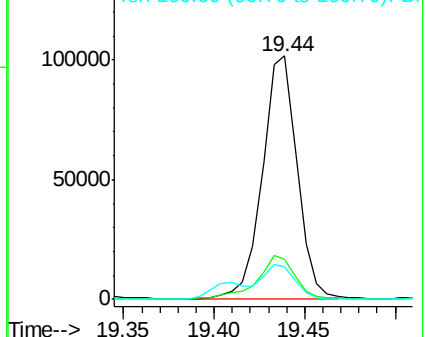
100 13.4 8.1 12.1#



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: 2.866 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001076.D

Acq: 02 May 2018 18:24

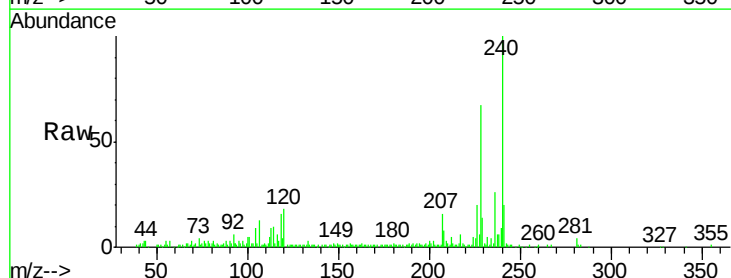
Tgt Ion:228 Resp: 72376

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

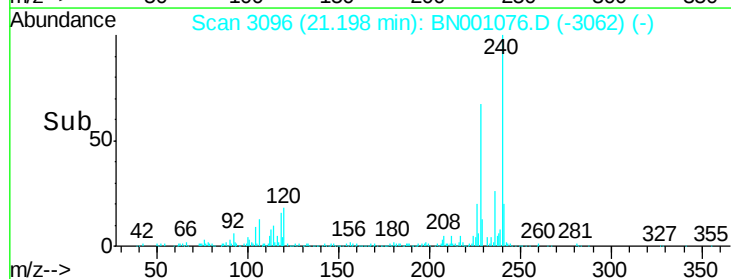
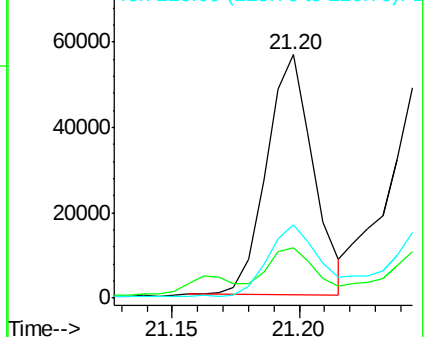
226 30.3 21.1 31.7

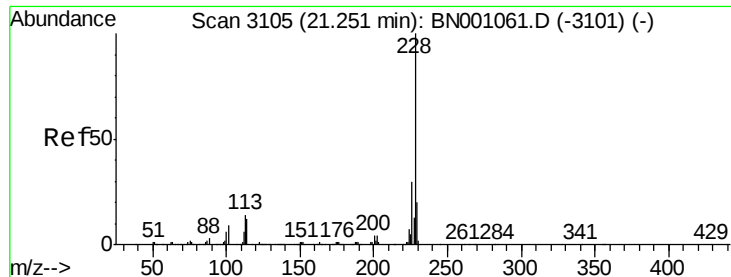


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.048 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001076.D

Acq: 02 May 2018 18:24

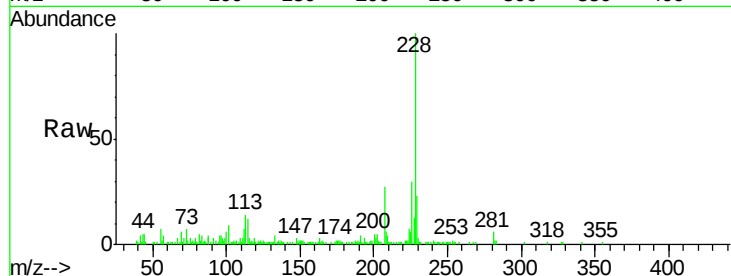
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 72349

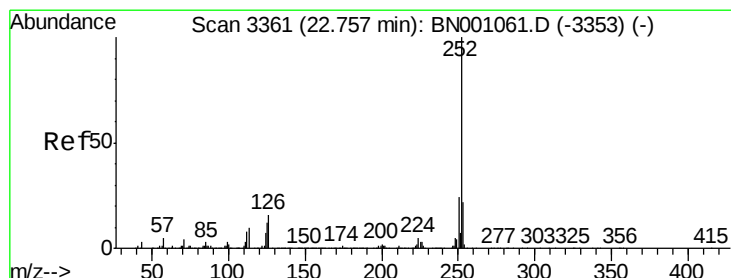
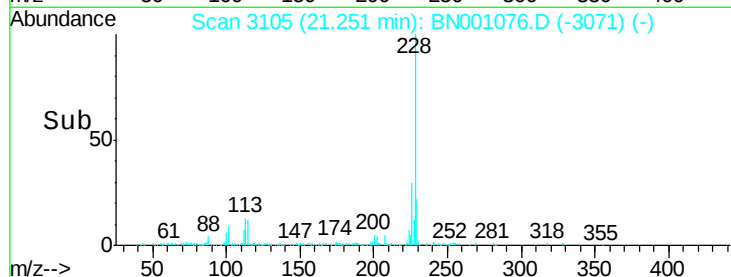
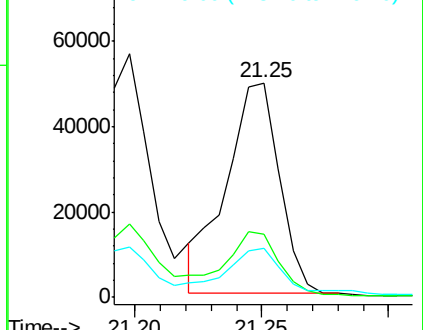
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	23.2	15.8	23.8



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: 5.541 ng/ul

RT: 22.76 min Scan# 3361

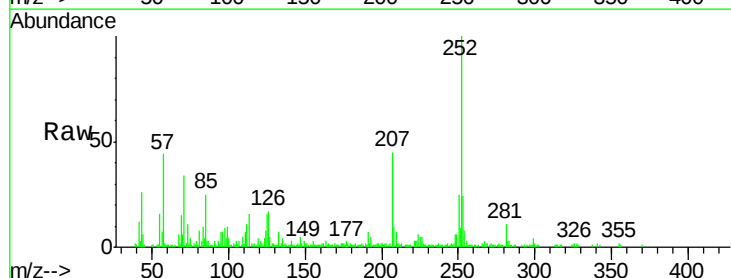
Delta R.T. -0.00 min

Lab File: BN001076.D

Acq: 02 May 2018 18:24

Tgt Ion:252 Resp: 141850

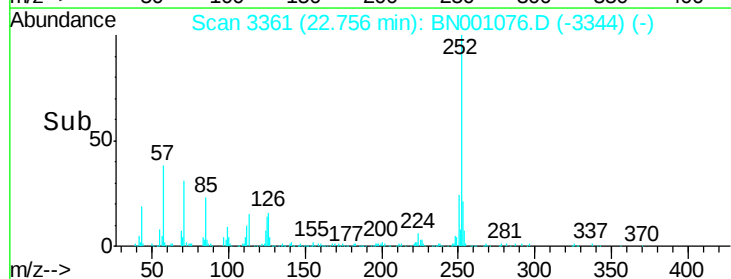
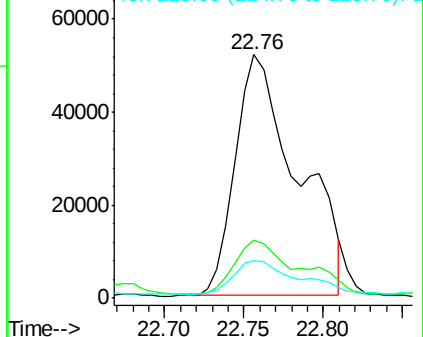
Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	15.6	8.0	12.0

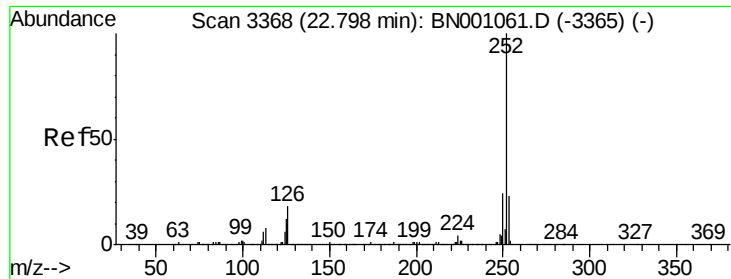


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

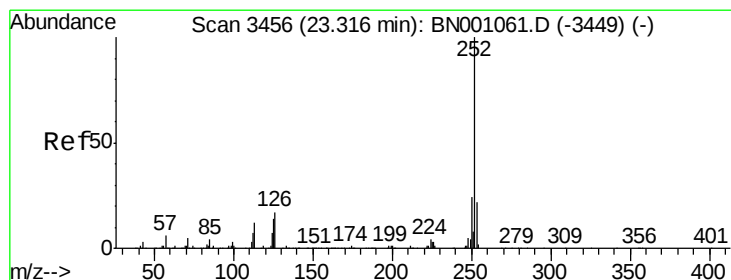
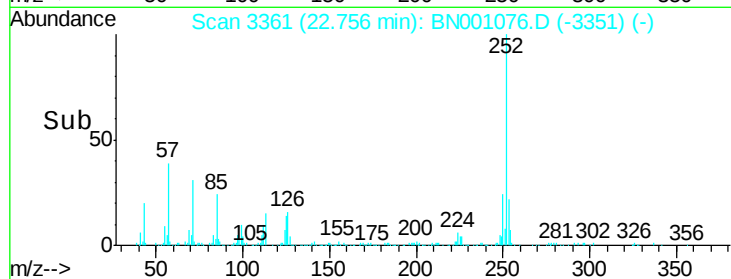
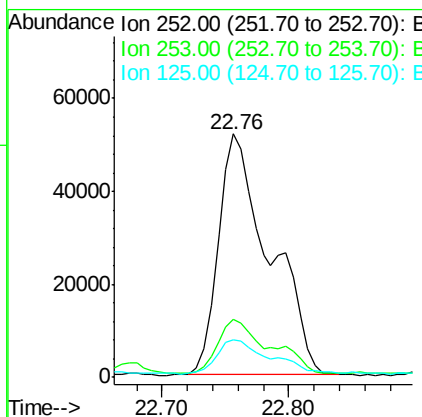
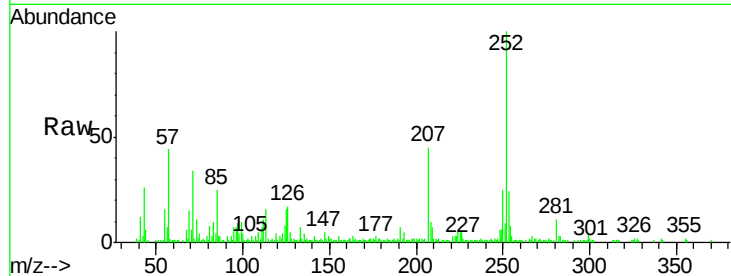




#24
Benzo(k)fluoranthene
Concen: 5.759 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

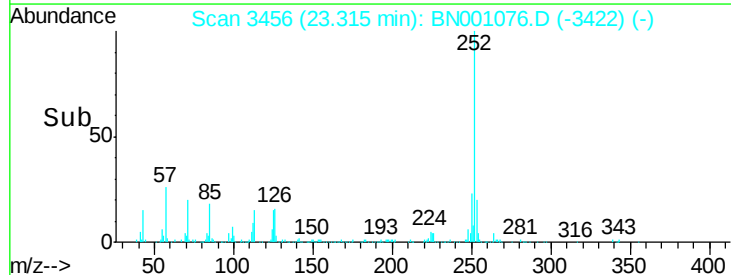
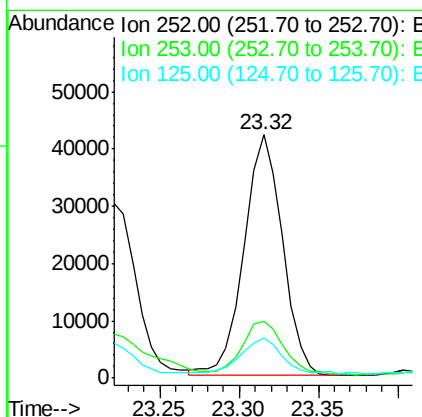
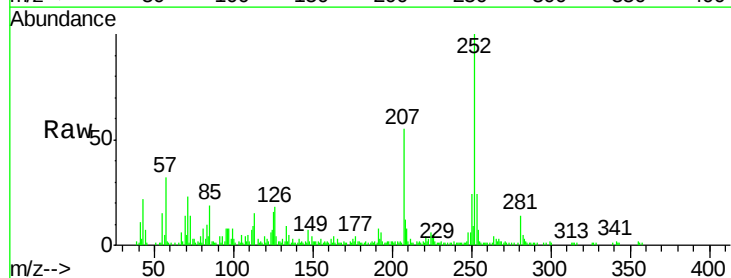
Instrument :
BNA_N
ClientSampleId :

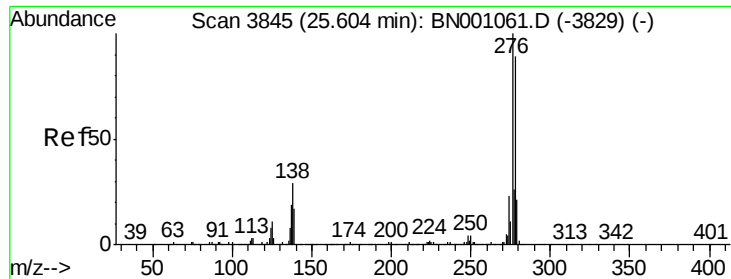
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	15.6	8.1	12.1



#26
Benzo(a)pyrene
Concen: 2.886 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001076.D
Acq: 02 May 2018 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	16.2	8.2	12.4

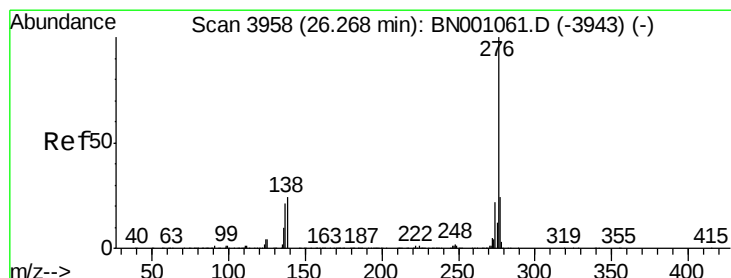
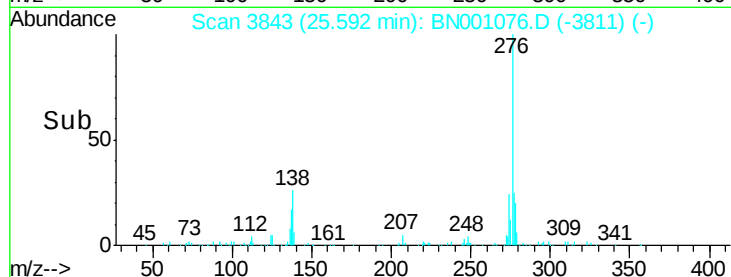
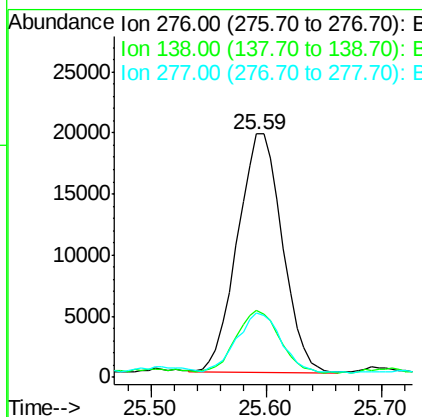
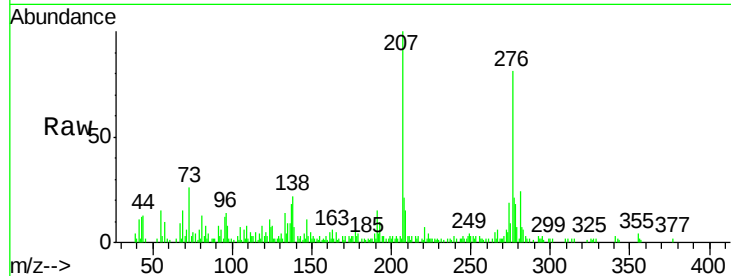




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.790 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN001076.D
 Acq: 02 May 2018 18:24

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:276 Resp: 52894
 Ion Ratio Lower Upper
 276 100
 138 27.6 14.4 21.6#
 277 26.3 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.174 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. -0.01 min
 Lab File: BN001076.D
 Acq: 02 May 2018 18:24

Tgt Ion:276 Resp: 53724
 Ion Ratio Lower Upper
 276 100
 138 27.2 15.3 22.9#
 277 24.6 19.0 28.4

