

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001081.D
 Acq On : 02 May 2018 21:19
 Operator : JU/SJ
 Sample : J2527-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 08:26:49 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

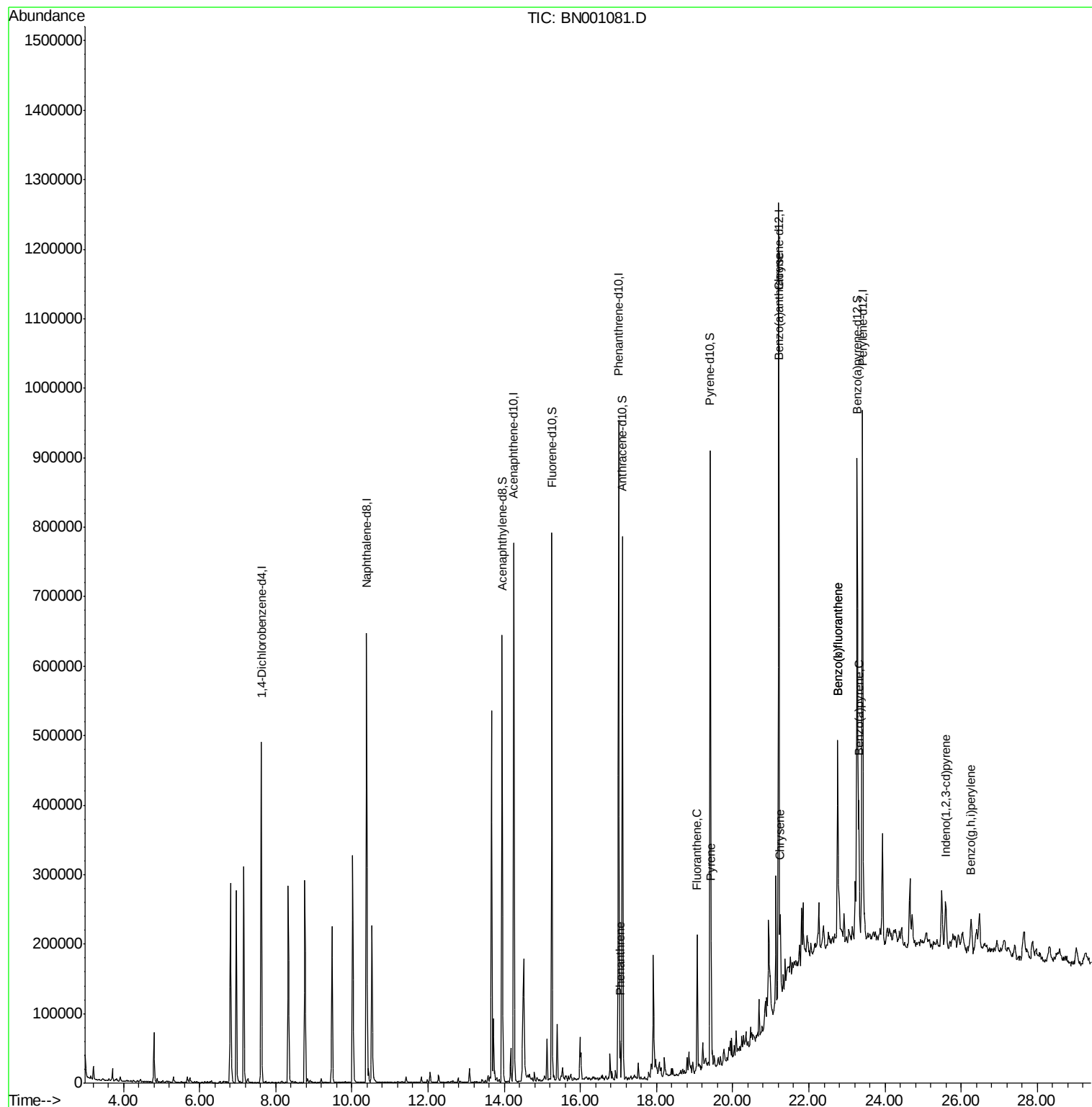
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	121315	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	500038	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	245991	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	476596	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	457302	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	481687	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	404931	17.14	ng/ul	0.00
10) Fluorene-d10	15.25	176	278259	17.65	ng/ul	0.00
14) Anthracene-d10	17.10	188	392442	18.01	ng/ul	0.00
18) Pyrene-d10	19.40	212	410491	17.52	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	439166	19.30	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	30325	1.167	ng/ul	99
16) Fluoranthene	19.07	202	99532	3.774	ng/ul#	93
19) Pyrene	19.43	202	93038	3.167	ng/ul#	88
20) Benzo(a)anthracene	21.20	228	66961	2.450	ng/ul	94
21) Chrysene	21.25	228	65093	2.533	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	151909	5.549	ng/ul#	93
24) Benzo(k)fluoranthene	22.76	252	153869	5.744	ng/ul#	93
26) Benzo(a)pyrene	23.32	252	66738	2.551	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	50856	1.609	ng/ul#	85
29) Benzo(g,h,i)perylene	26.26	276	46465	1.758	ng/ul#	93

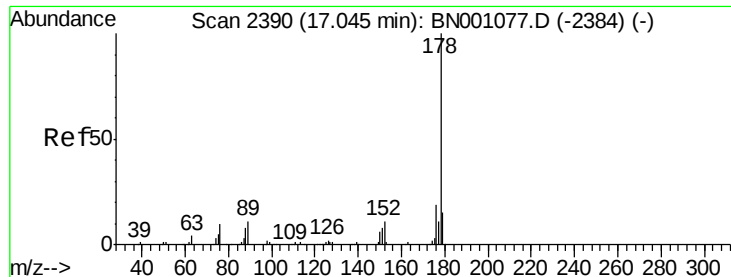
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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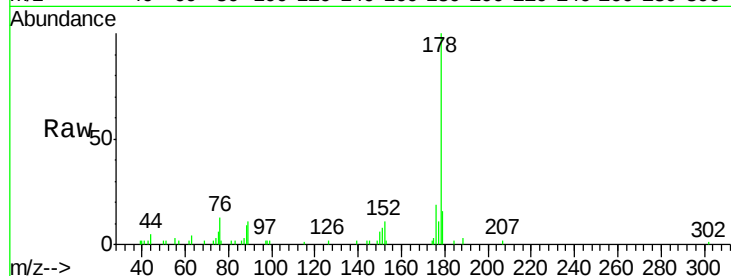




#13
Phenanthrene
Concen: 1.167 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN001081.D
Acq: 02 May 2018 21:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.7	15.1	22.7

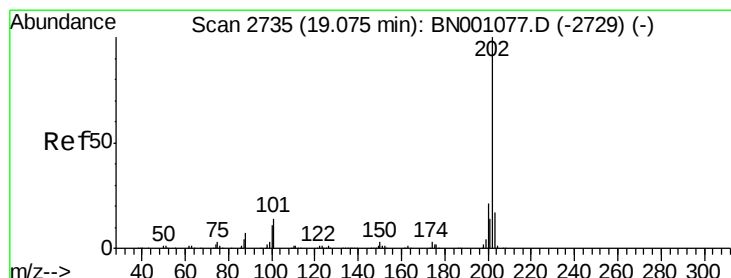
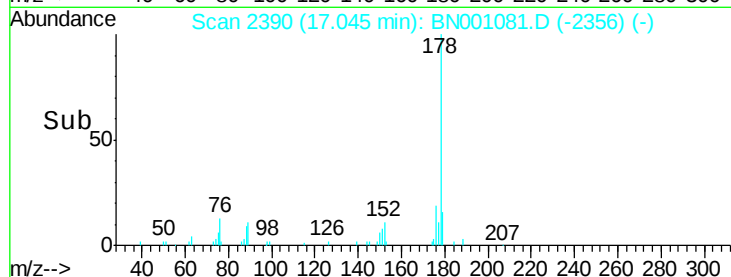
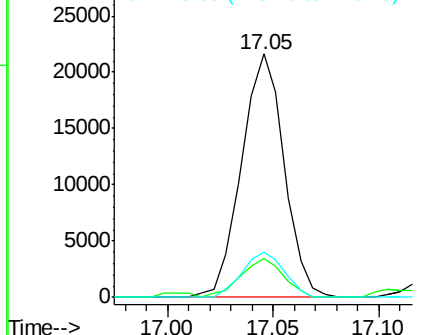


Abundance

Ion 178.00 (177.70 to 178.70): E

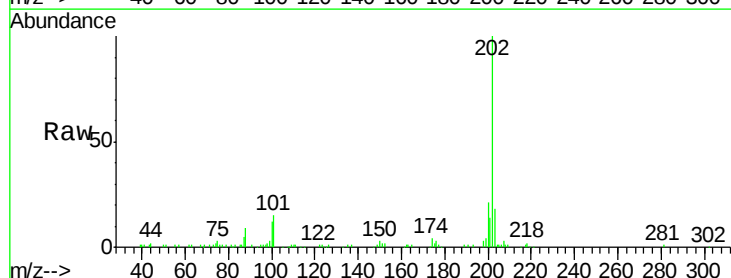
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16
Fluoranthene
Concen: 3.774 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001081.D
Acq: 02 May 2018 21:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.6	7.4	11.0#

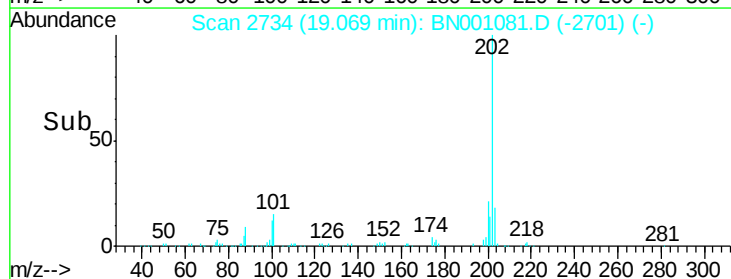
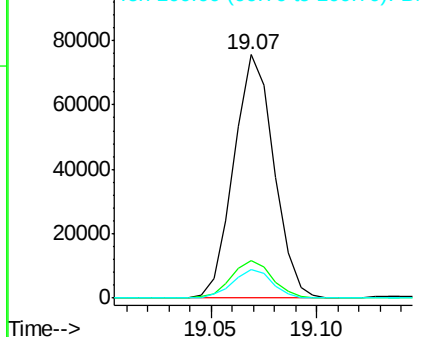


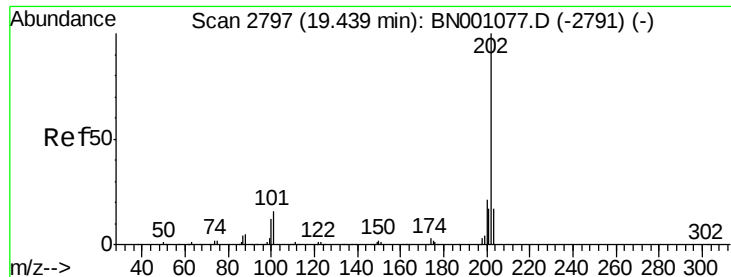
Abundance

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

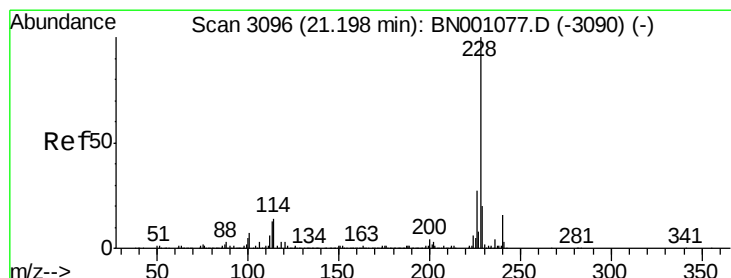
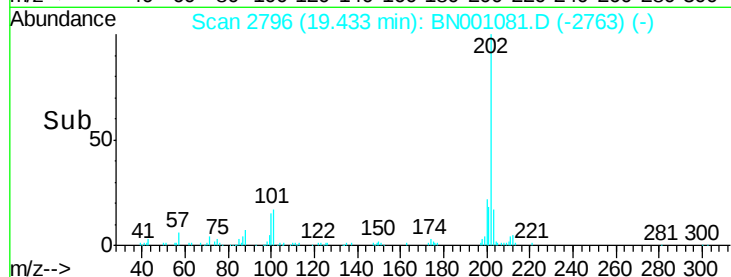
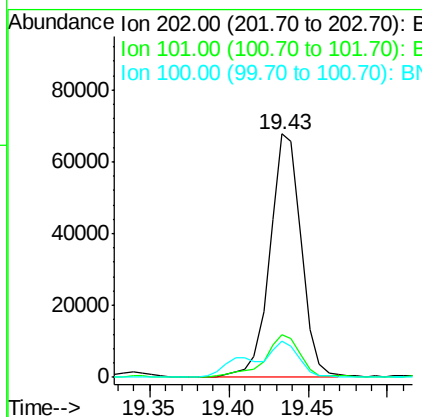
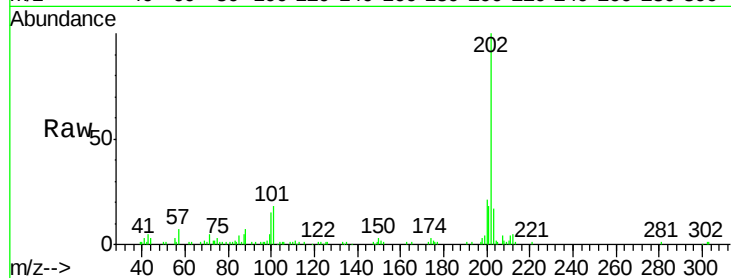




#19
Pvrene
Concen: 3.167 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN001081.D
Acq: 02 May 2018 21:19

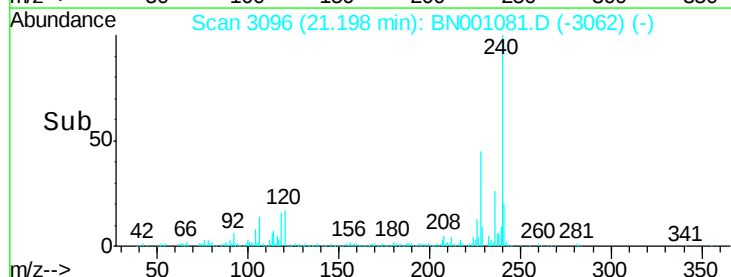
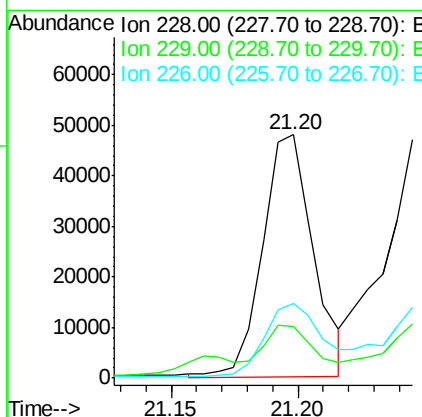
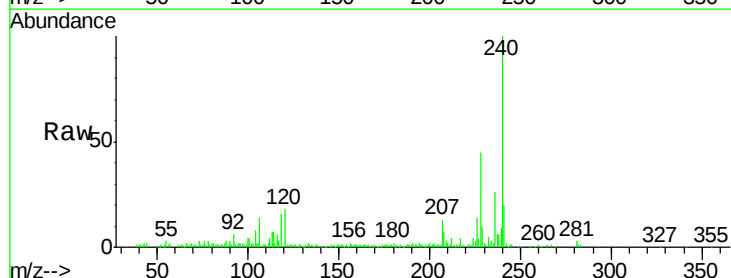
Instrument :
BNA_N
ClientSampleId :

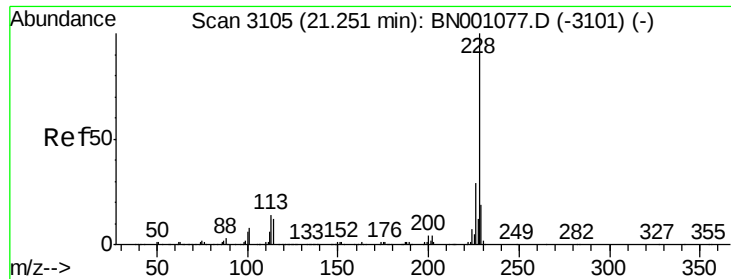
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	15.1	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 2.450 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN001081.D
Acq: 02 May 2018 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	30.7	21.1	31.7





#21

Chrysene

Concen: 2.533 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN001081.D

Acq: 02 May 2018 21:19

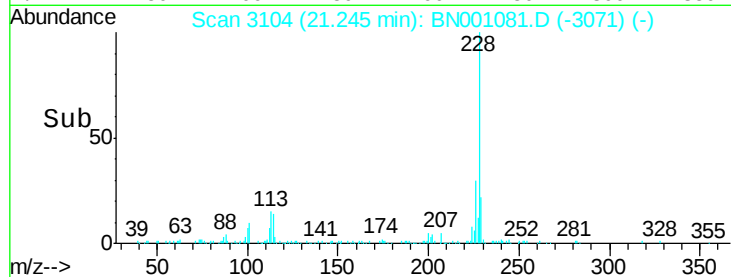
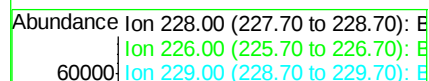
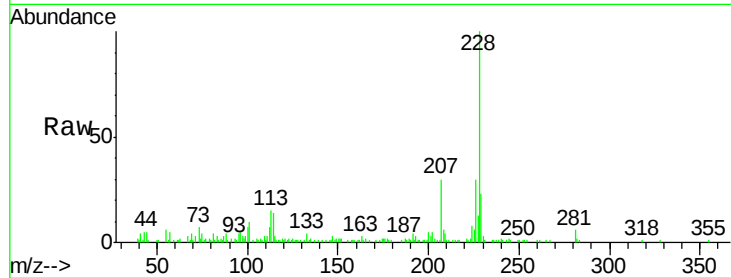
Instrument :

BNA_N

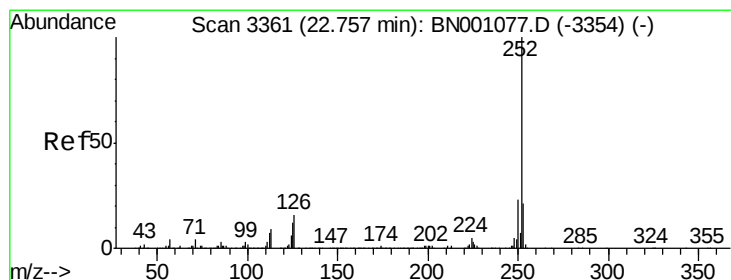
ClientSampleId :

Tot Ion:228 Resp: 65093

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	22.6	15.8	23.8



Time-->



#23

Benzo(b)fluoranthene

Concen: 5.549 ng/ul

RT: 22.76 min Scan# 3361

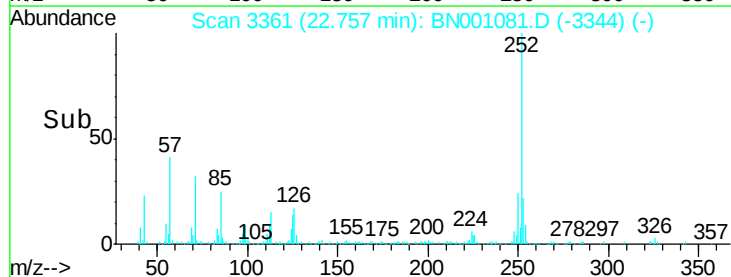
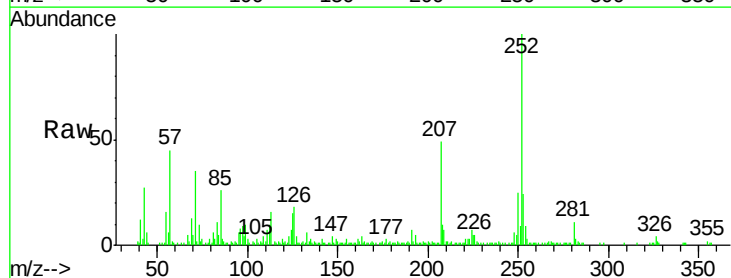
Delta R.T. 0.00 min

Lab File: BN001081.D

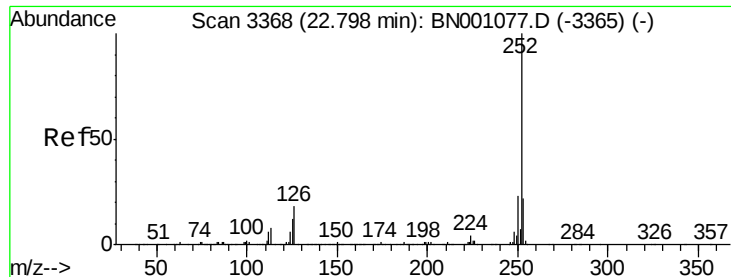
Acq: 02 May 2018 21:19

Tgt Ion:252 Resp: 151909

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	15.4	8.0	12.0



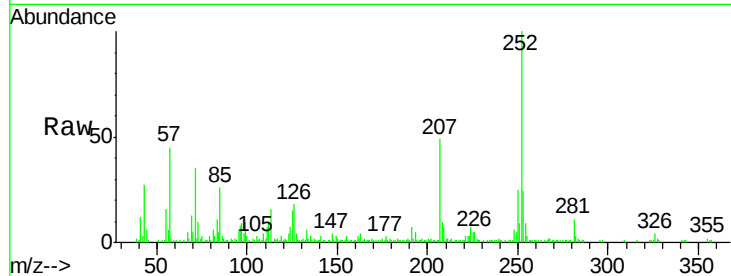
Time-->



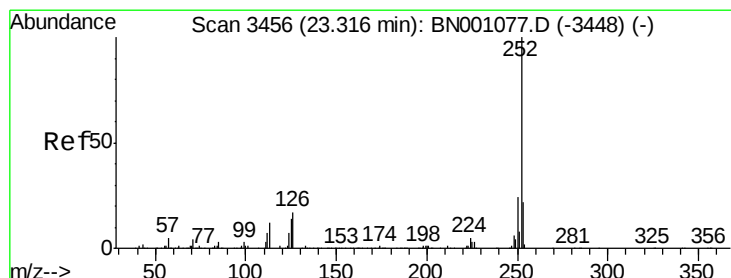
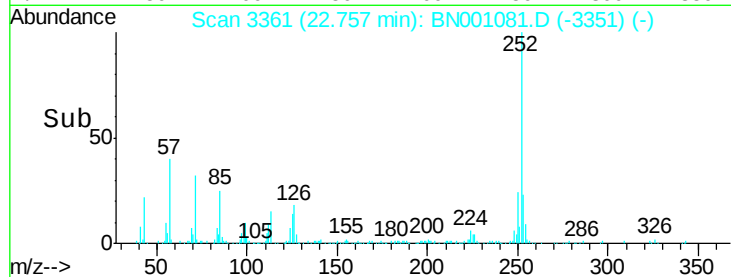
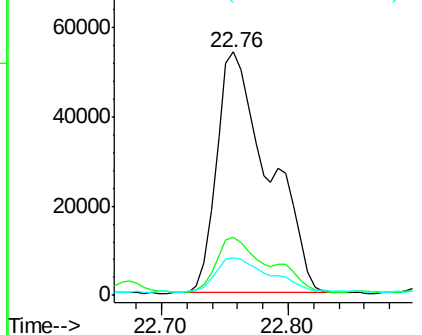
#24
Benzo(k)fluoranthene
Concen: 5.744 ng/u1
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001081.D
Acq: 02 May 2018 21:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	15.4	8.1	12.1

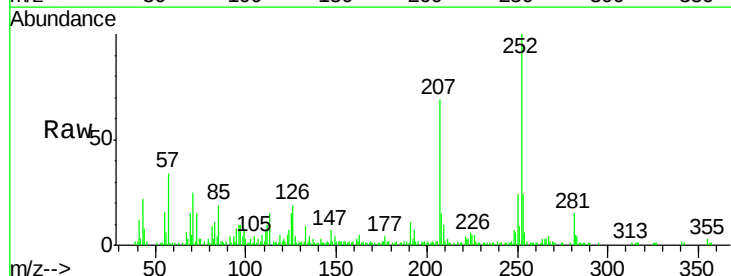


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

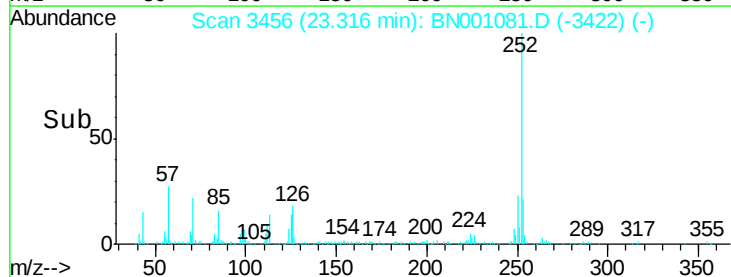
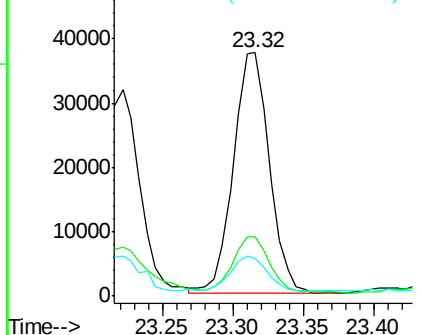


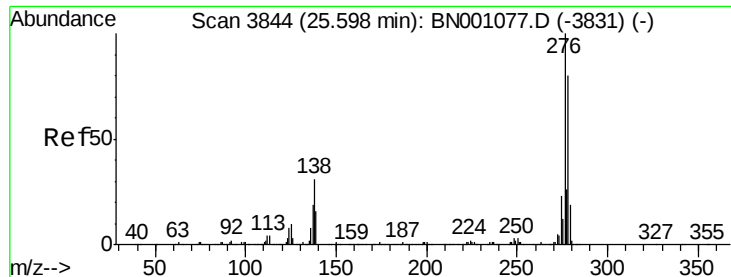
#26
Benzo(a)pyrene
Concen: 2.551 ng/u1
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BN001081.D
Acq: 02 May 2018 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	15.4	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

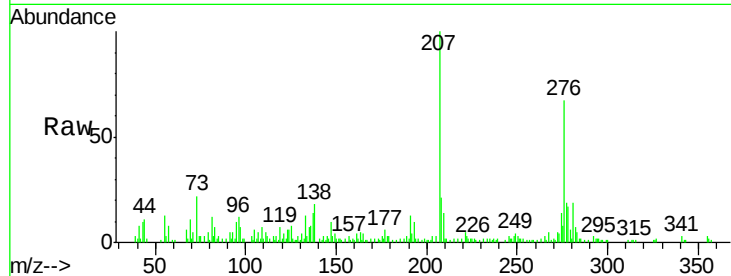




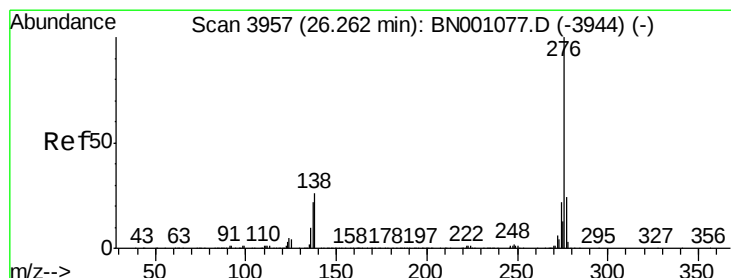
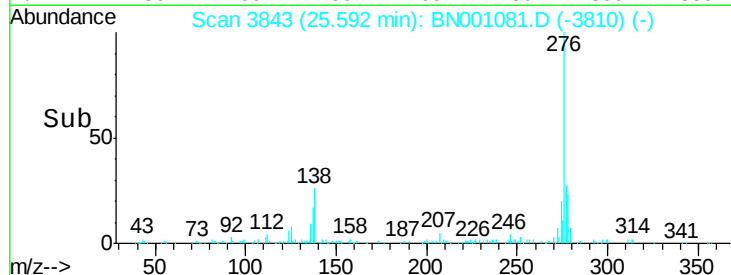
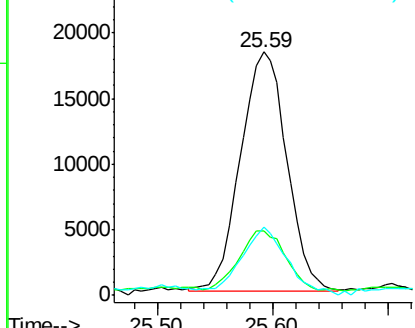
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.609 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN001081.D
 Acq: 02 May 2018 21:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	14.4	21.6#
277	27.9	18.0	27.0#

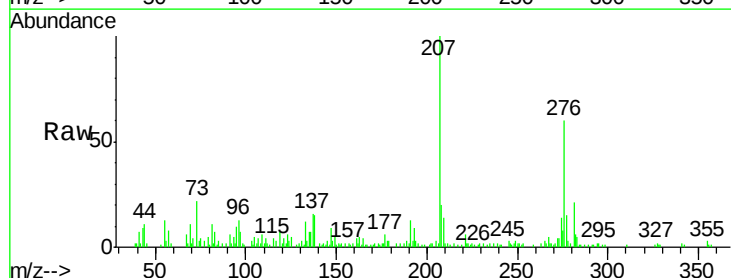


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#29
 Benzo(g,h,i)perylene
 Concen: 1.758 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. 0.00 min
 Lab File: BN001081.D
 Acq: 02 May 2018 21:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	15.3	22.9#
277	24.6	19.0	28.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

