

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001109.D
 Acq On : 03 May 2018 15:59
 Operator : JU/SJ
 Sample : J2633-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 04 07:35:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 07:31:58 2018
 Response via : Initial Calibration

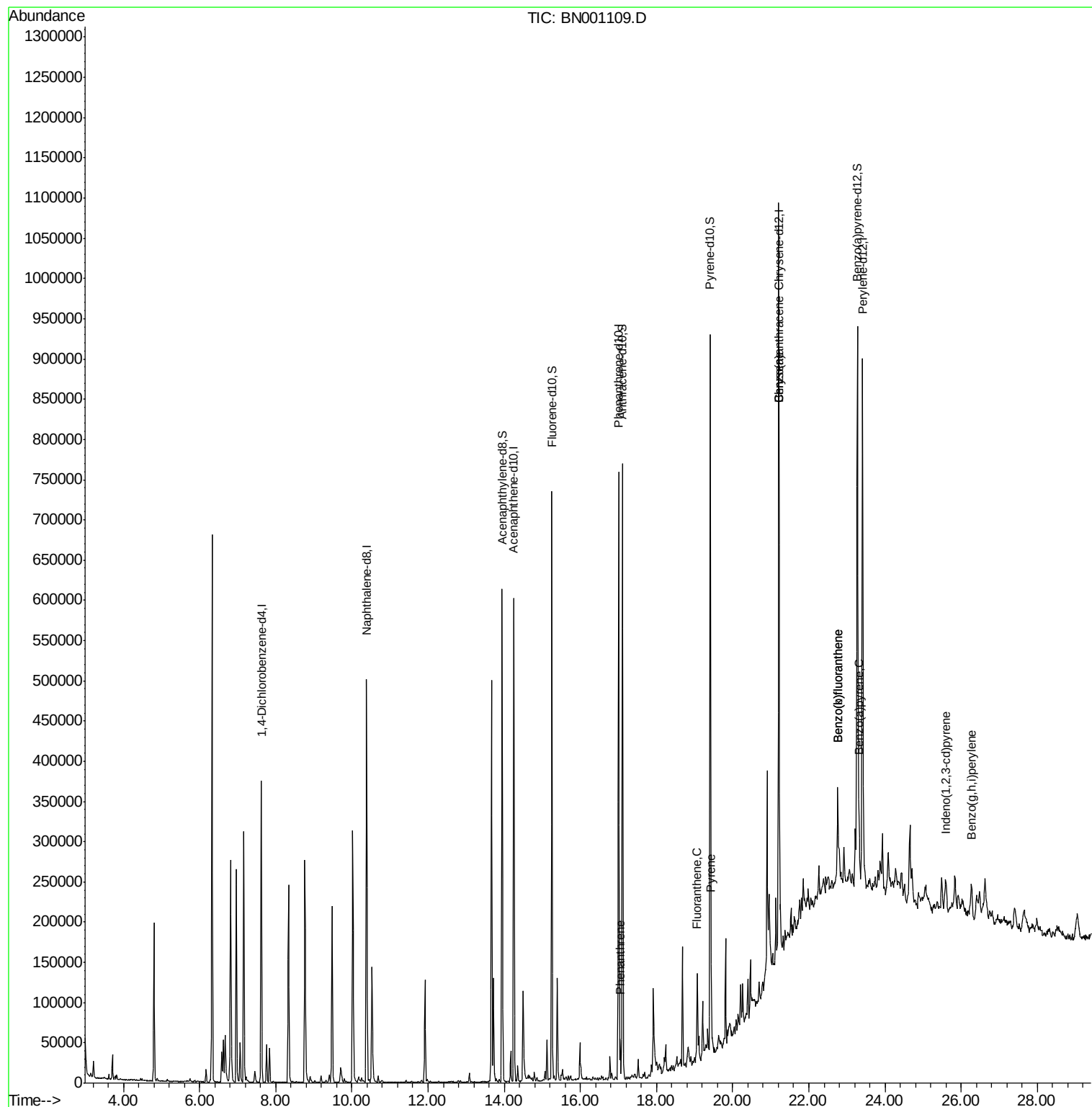
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	93554	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	384851	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	190995	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	386644	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	384225	20.00	ng/ul	-0.01
22) Perylene-d12	23.41	264	403924	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	382384	20.85	ng/ul	0.00
10) Fluorene-d10	15.25	176	262087	21.41	ng/ul	0.00
14) Anthracene-d10	17.10	188	380863	21.54	ng/ul	0.00
18) Pyrene-d10	19.41	212	413213	20.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	450162	23.59	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	27091	1.285	ng/ul	98
16) Fluoranthene	19.07	202	56648	2.648	ng/ul	96
19) Pyrene	19.43	202	55384	2.244	ng/ul#	86
20) Benzo(a)anthracene	21.20	228	34009	1.481	ng/ul	95
21) Chrysene	21.20	228	34276	1.588	ng/ul	95
23) Benzo(b)fluoranthene	22.76	252	74344	3.239	ng/ul#	92
24) Benzo(k)fluoranthene	22.76	252	74944	3.336	ng/ul#	92
26) Benzo(a)pyrene	23.32	252	37680	1.718	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.60	276	28765	1.086	ng/ul#	83
29) Benzo(g,h,i)perylene	26.27	276	45039	2.032	ng/ul#	88

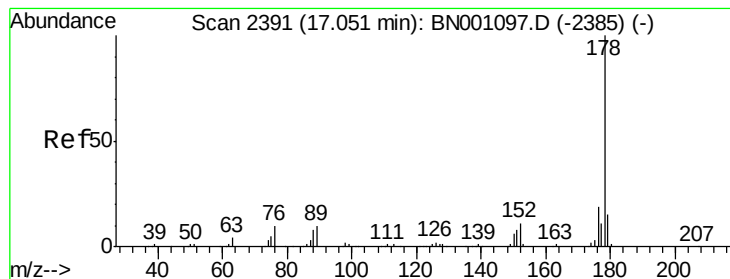
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.285 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN001109.D

Acq: 03 May 2018 15:59

Instrument :

BNA_N

ClientSampleId :

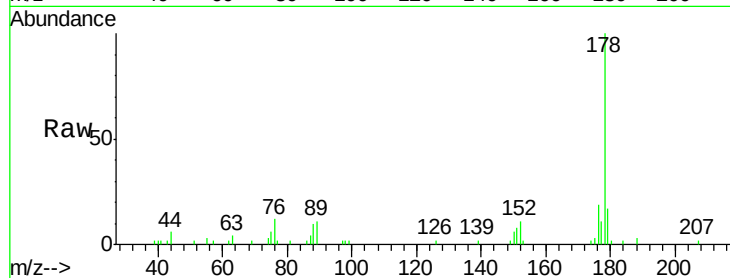
Tot Ion:178 Resp: 27091

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

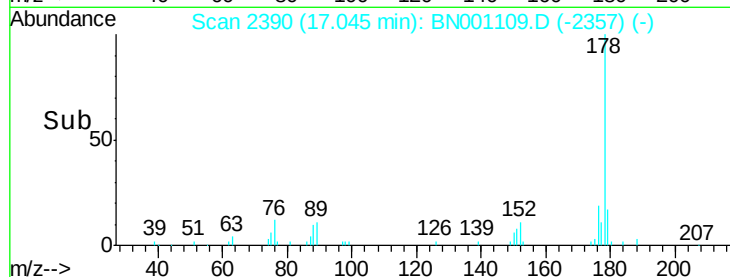
176 19.3 15.1 22.7



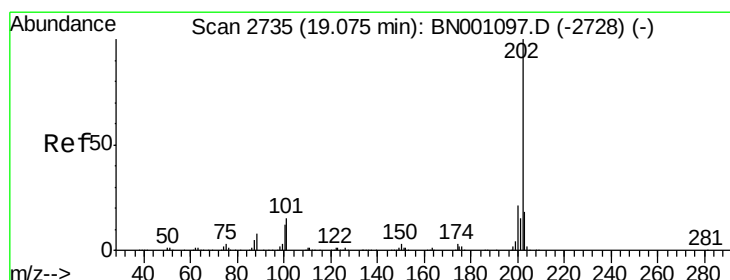
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#16

Fluoranthene

Concen: 2.648 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BN001109.D

Acq: 03 May 2018 15:59

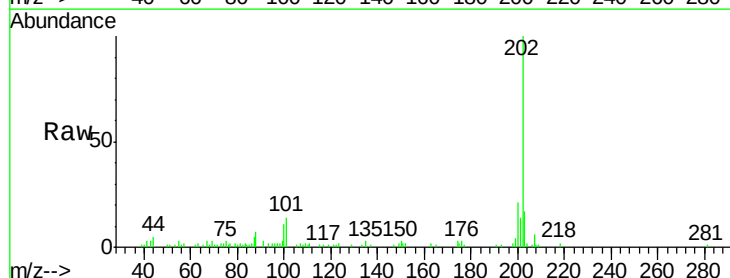
Tgt Ion:202 Resp: 56648

Ion Ratio Lower Upper

202 100

101 13.8 9.9 14.9

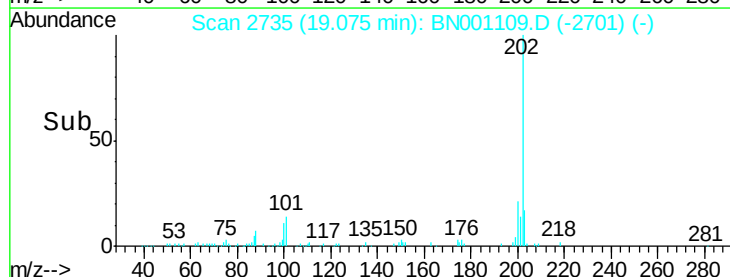
100 10.5 7.4 11.0



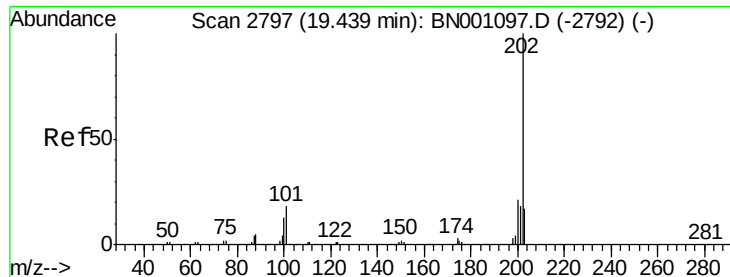
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



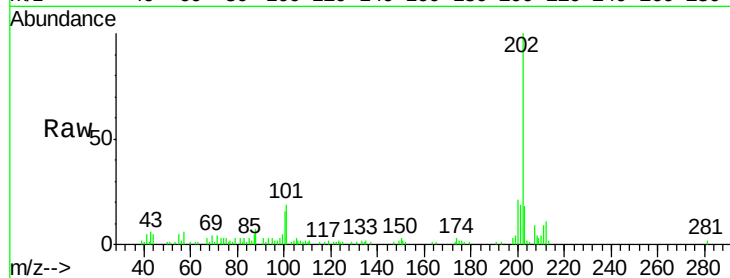
Time-->



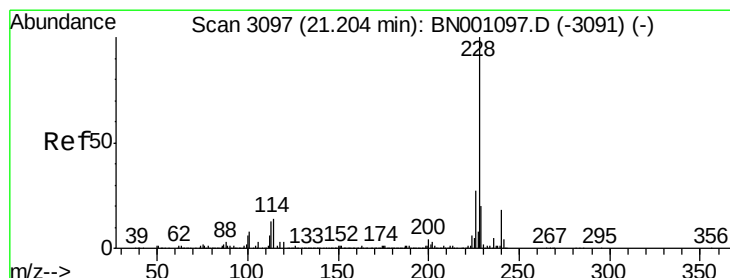
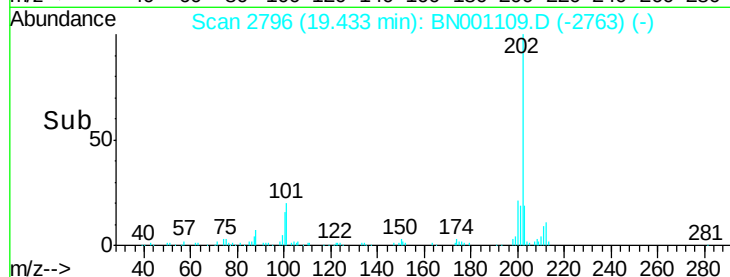
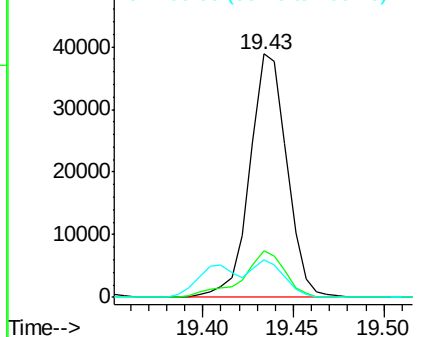
#19
Pvrene
Concen: 2.244 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	19.2	11.0	16.4#
100	15.6	8.1	12.1#

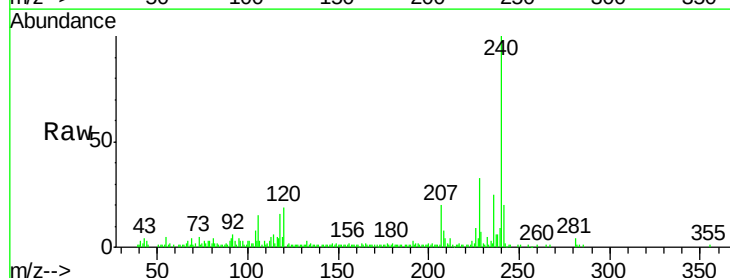


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

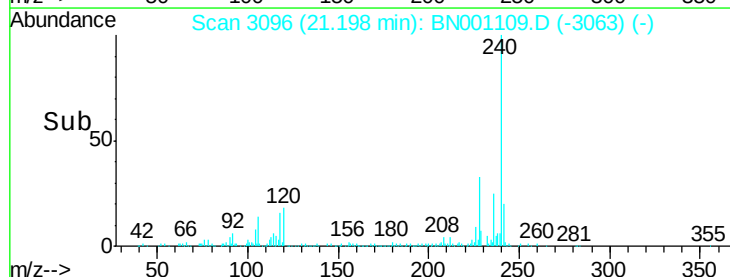
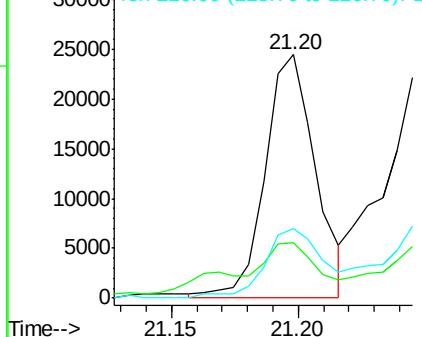


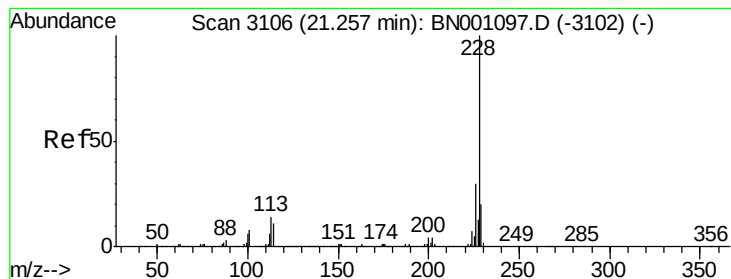
#20
Benzo(a)anthracene
Concen: 1.481 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.7	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: 1.588 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.06 min

Lab File: BN001109.D

Acq: 03 May 2018 15:59

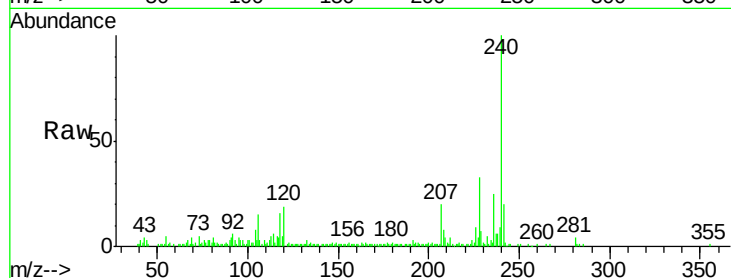
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 34276

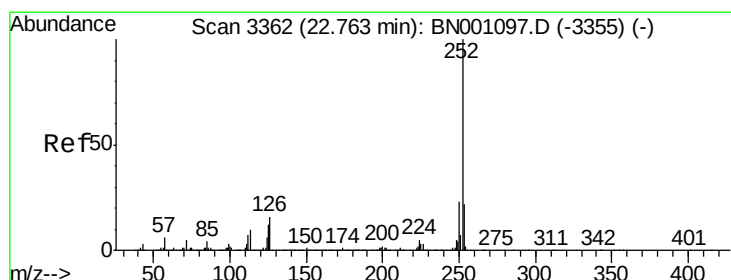
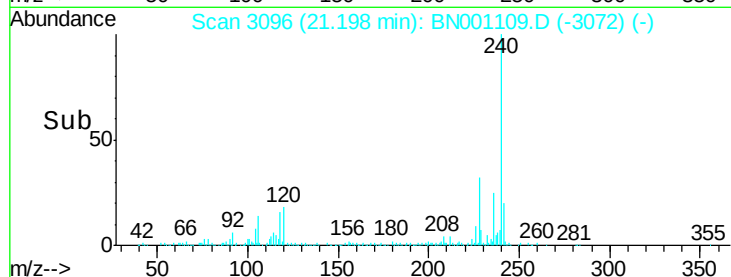
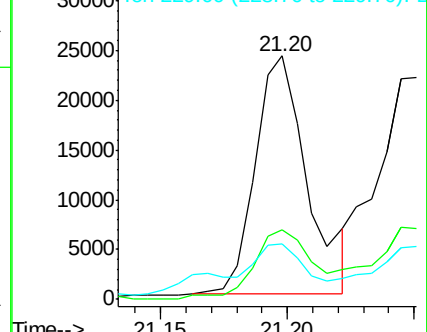
Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.5	36.7
229	22.7	15.8	23.8



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: 3.239 ng/ul

RT: 22.76 min Scan# 3361

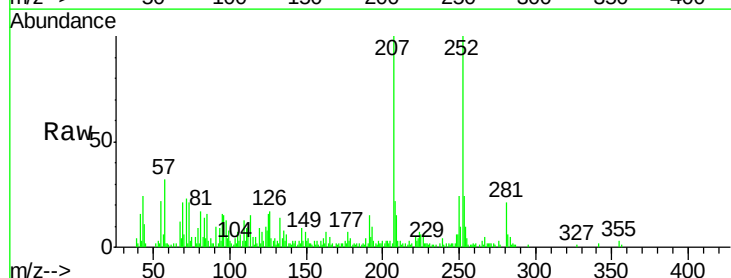
Delta R.T. -0.01 min

Lab File: BN001109.D

Acq: 03 May 2018 15:59

Tgt Ion:252 Resp: 74344

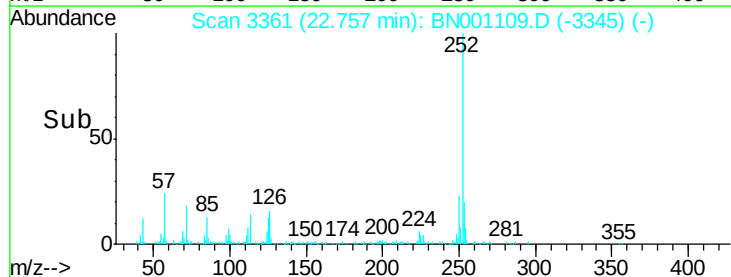
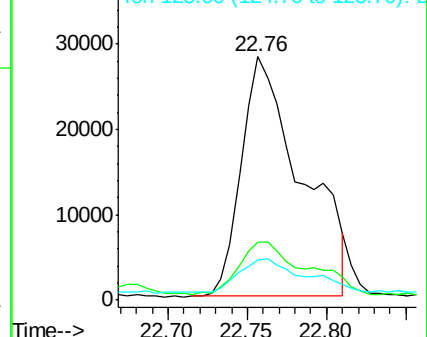
Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	16.4	8.0	12.0#

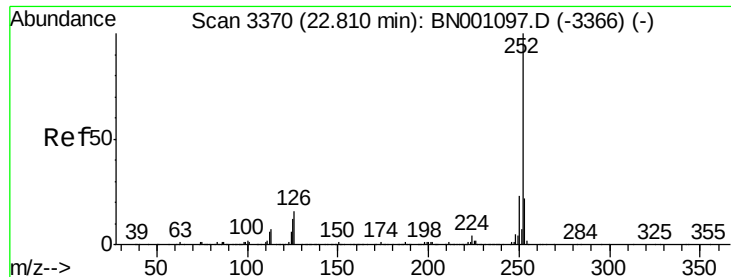


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 3.336 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BN001109.D

Acq: 03 May 2018 15:59

Instrument :

BNA_N

ClientSampleId :

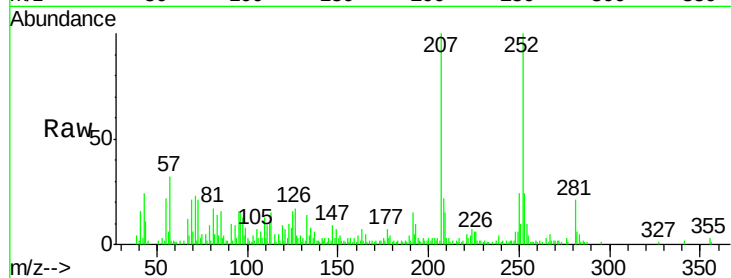
Tot Ion:252 Resp: 74944

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

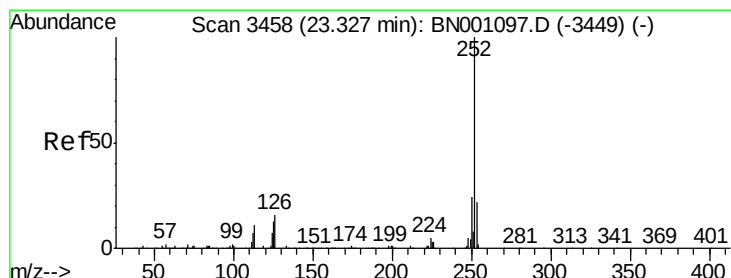
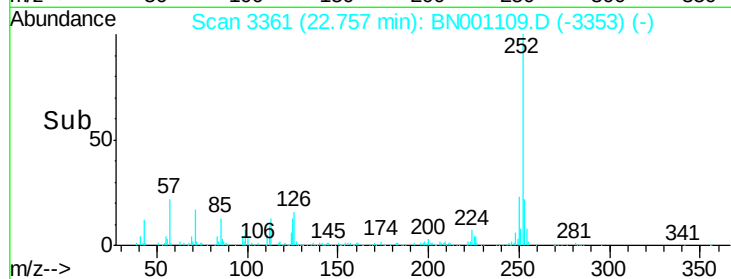
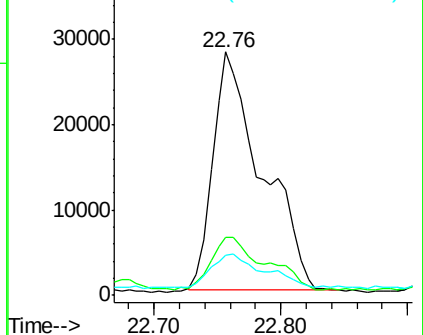
125 16.4 8.1 12.1#



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: 1.718 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN001109.D

Acq: 03 May 2018 15:59

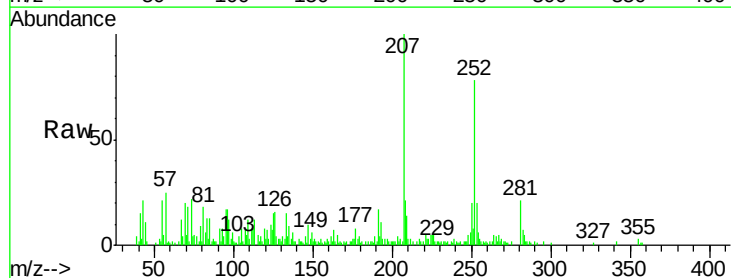
Tgt Ion:252 Resp: 37680

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

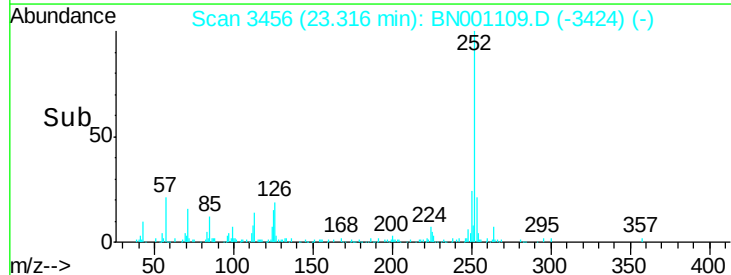
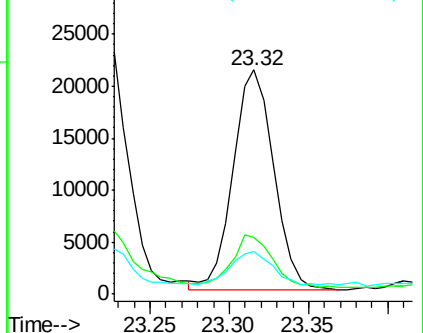
125 18.9 8.2 12.4#

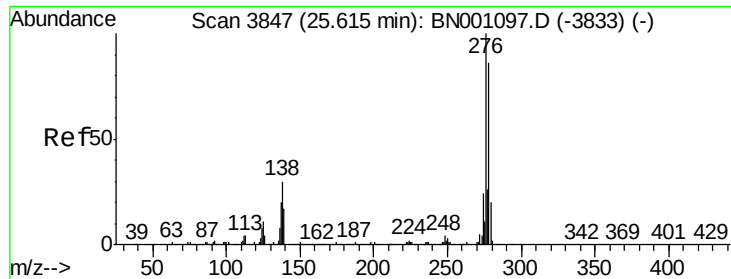


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

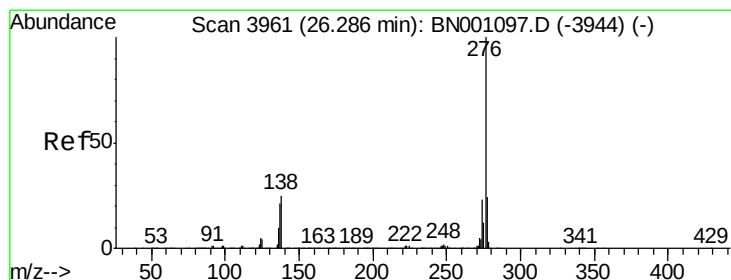
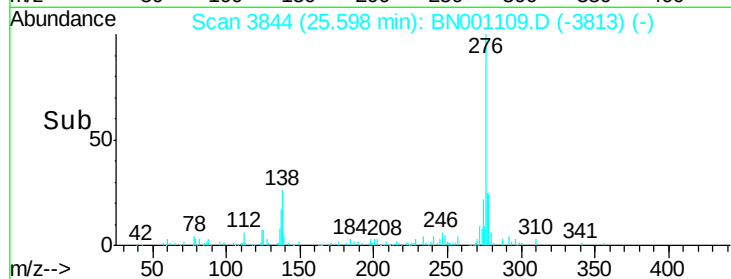
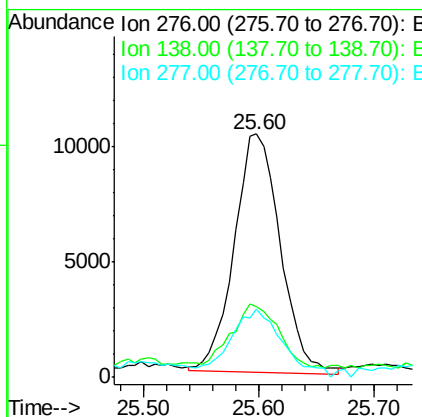
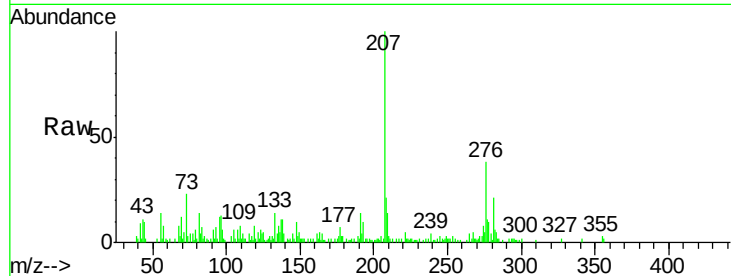




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.086 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.02 min
 Lab File: BN001109.D
 Acq: 03 May 2018 15:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	14.4	21.6#
277	27.9	18.0	27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 2.032 ng/ul
 RT: 26.27 min Scan# 3958
 Delta R.T. -0.02 min
 Lab File: BN001109.D
 Acq: 03 May 2018 15:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	15.3	22.9#
277	24.7	19.0	28.4

