

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001115.D
 Acq On : 03 May 2018 19:46
 Operator : JU/SJ
 Sample : J2633-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 04 08:06:05 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 08:04:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	96323	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	392511	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	194039	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	399433	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	398115	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	429722	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	446863	23.98	ng/ul	0.00
10) Fluorene-d10	15.25	176	308303	24.79	ng/ul	0.00
14) Anthracene-d10	17.10	188	448069	24.53	ng/ul	0.00
18) Pyrene-d10	19.41	212	485061	23.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	535651	26.39	ng/ul	0.00

Target Compounds

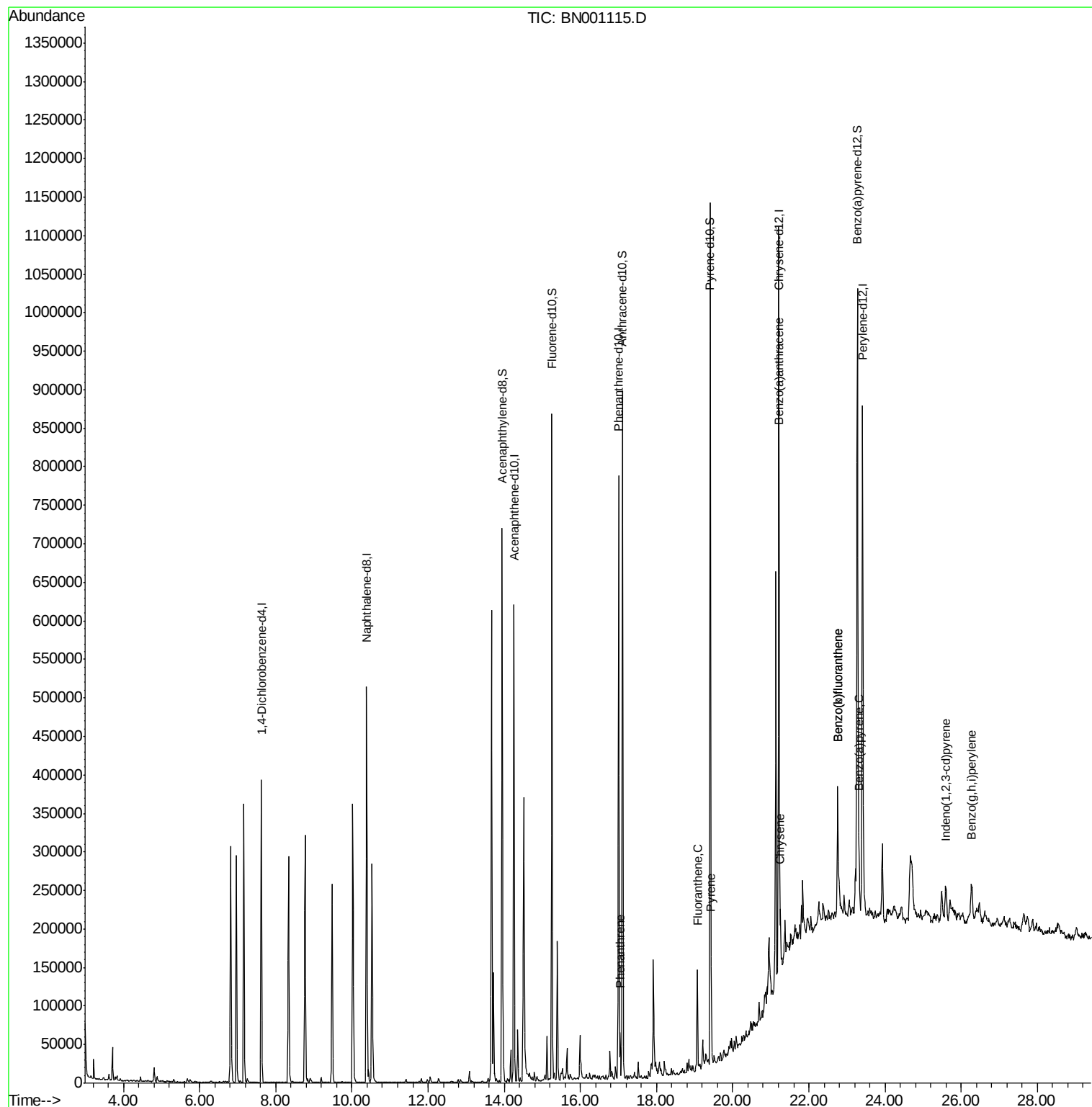
					Ovalue	
13) Phenanthrene	17.05	178	31579	1.450	ng/ul	97
16) Fluoranthene	19.07	202	66239	2.997	ng/ul	95
19) Pyrene	19.44	202	60666	2.372	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	41660	1.751	ng/ul	94
21) Chrysene	21.25	228	44009	1.967	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	90312	3.698	ng/ul#	93
24) Benzo(k)fluoranthene	22.76	252	76357	3.195	ng/ul#	93
26) Benzo(a)pyrene	23.32	252	44583	1.910	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.60	276	34769	1.233	ng/ul#	87
29) Benzo(g,h,i)perylene	26.27	276	37360	1.585	ng/ul#	87

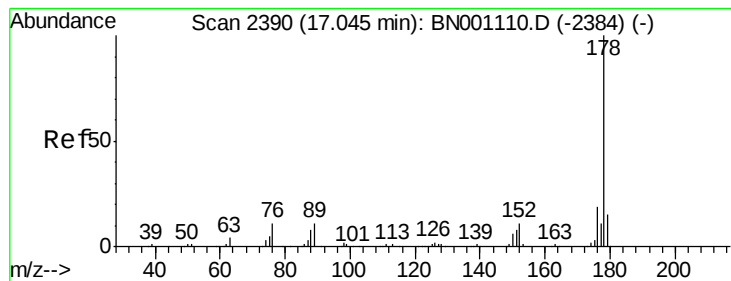
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.450 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

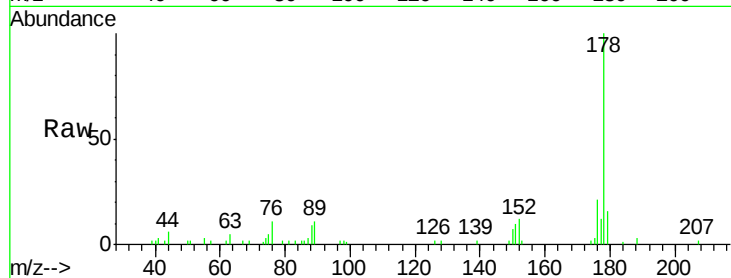
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 31579

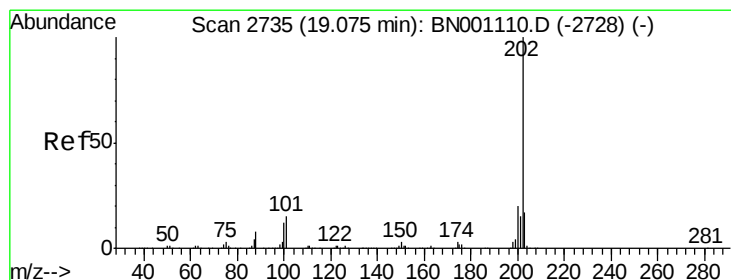
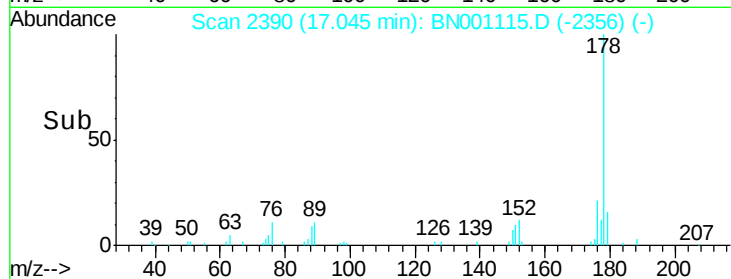
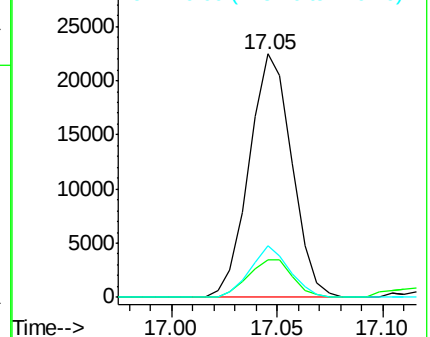
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	21.0	15.1	22.7



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: 2.997 ng/ul

RT: 19.07 min Scan# 2735

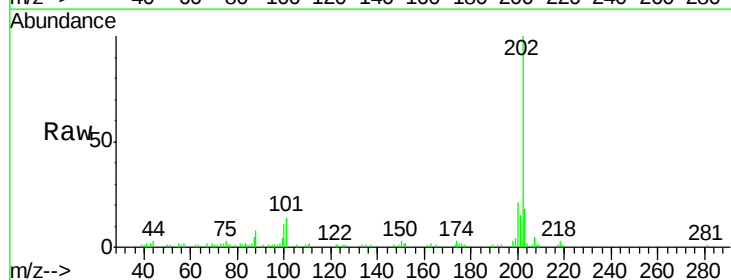
Delta R.T. -0.00 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

Tgt Ion:202 Resp: 66239

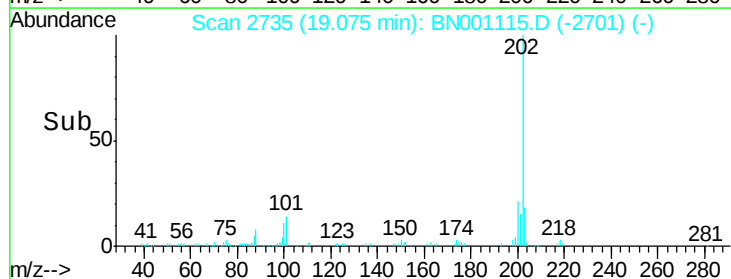
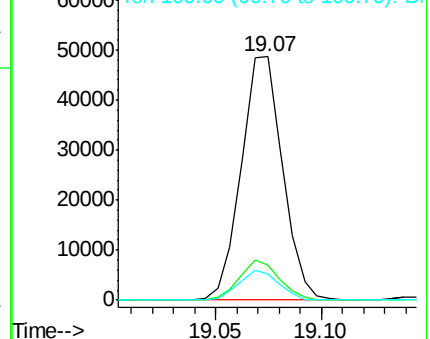
Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.9	14.9
100	10.9	7.4	11.0

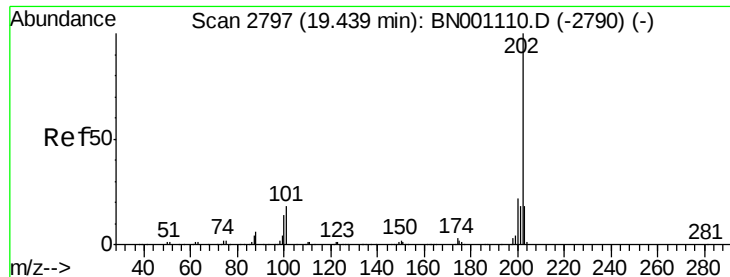


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 2.372 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

Instrument :

BNA_N

ClientSampleId :

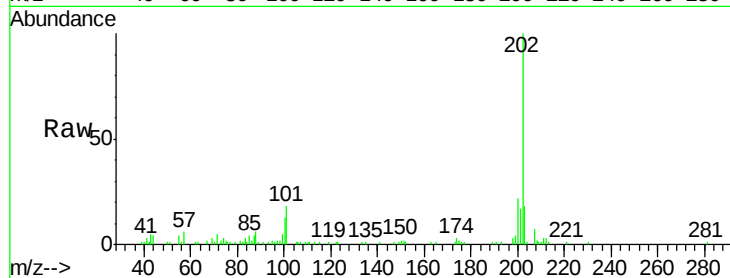
Tot Ion:202 Resp: 60666

Ion Ratio Lower Upper

202 100

101 18.4 11.0 16.4#

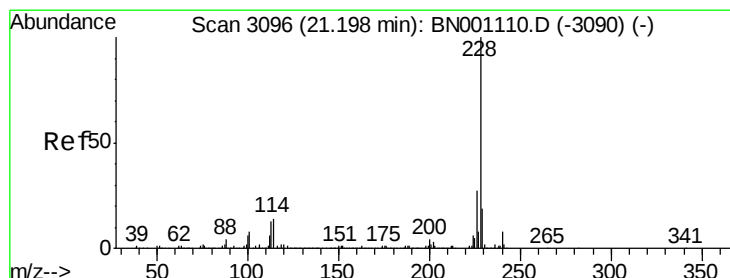
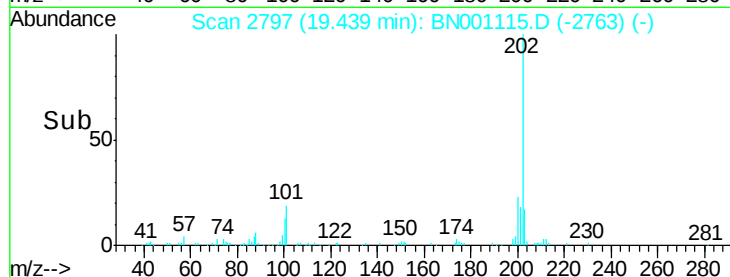
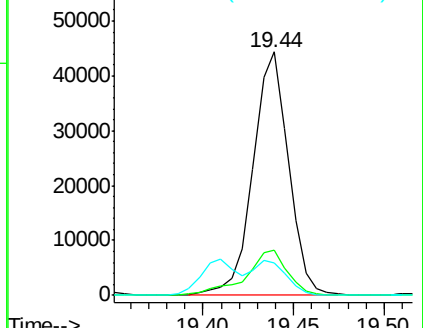
100 13.2 8.1 12.1#



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: 1.751 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

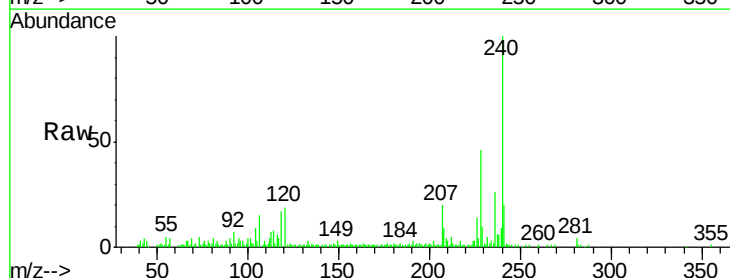
Tgt Ion:228 Resp: 41660

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

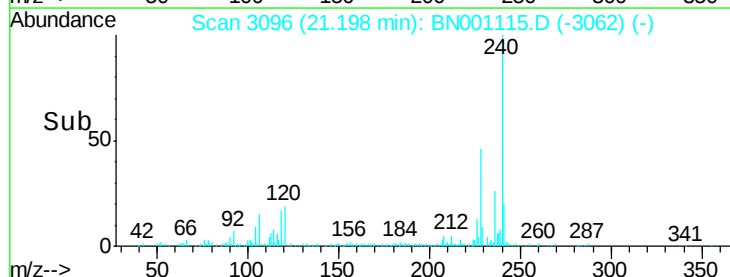
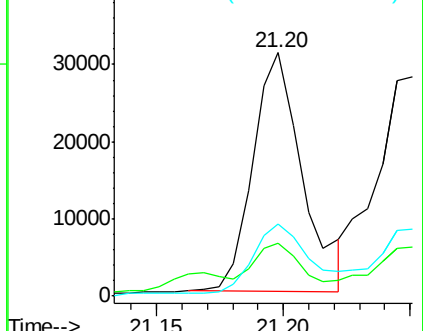
226 29.6 21.1 31.7

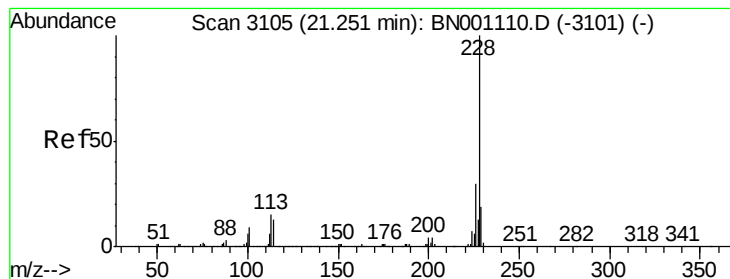


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.967 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

Instrument :

BNA_N

ClientSampled :

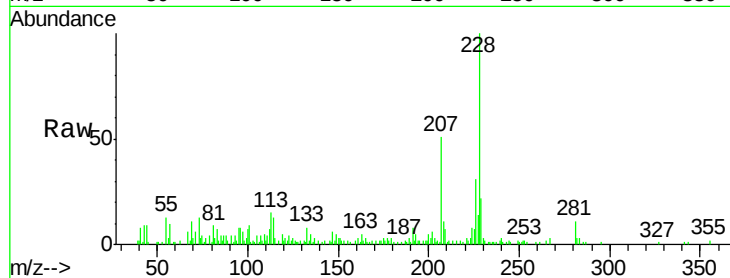
Tot Ion:228 Resp: 44009

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

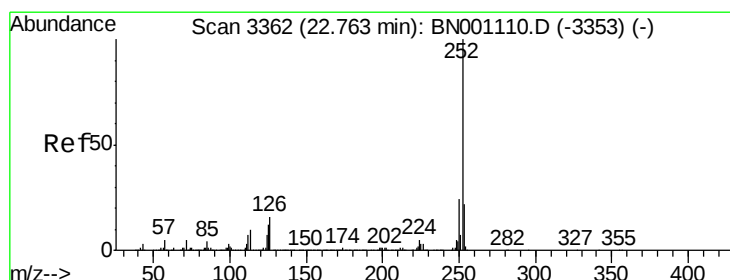
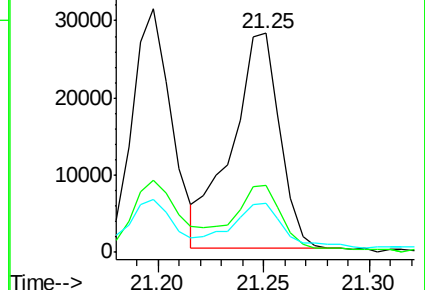
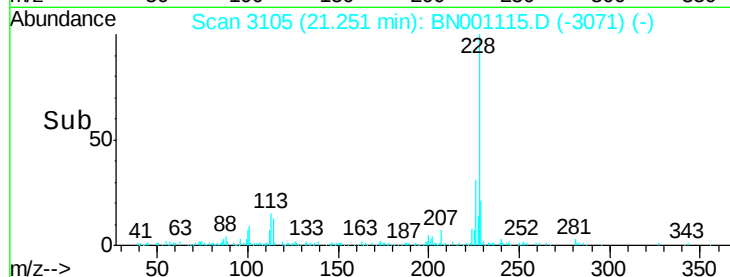
229 22.5 15.8 23.8



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: 3.698 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BN001115.D

Acq: 03 May 2018 19:46

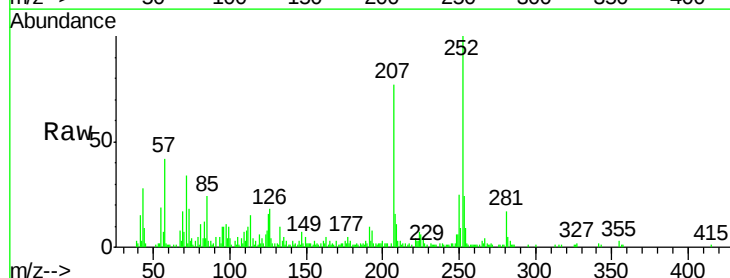
Tgt Ion:252 Resp: 90312

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

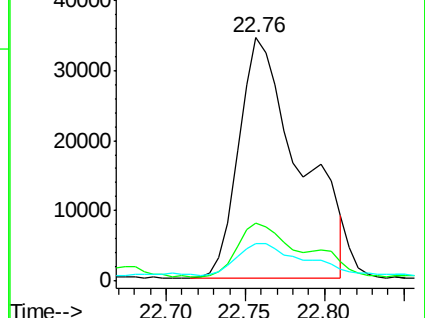
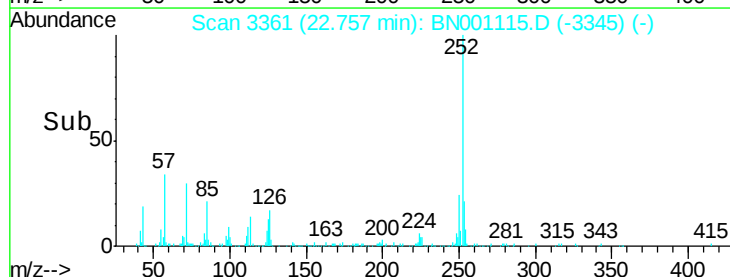
125 15.7 8.0 12.0#

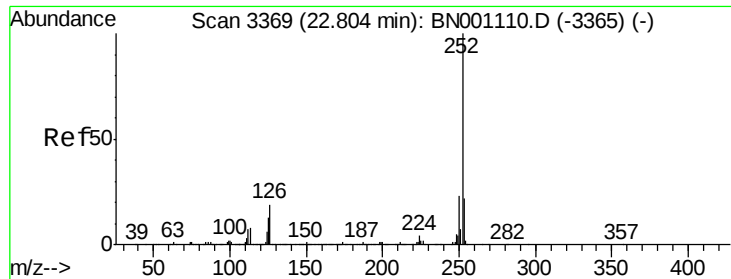


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

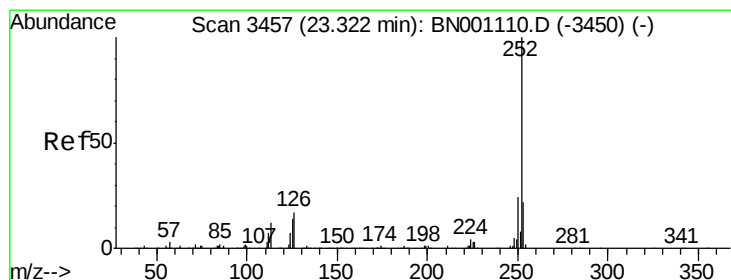
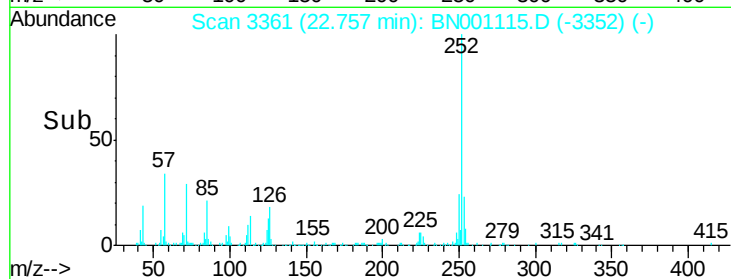
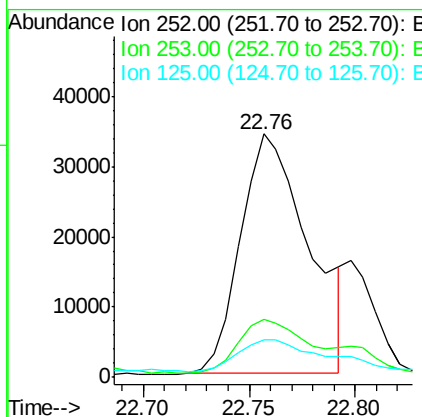
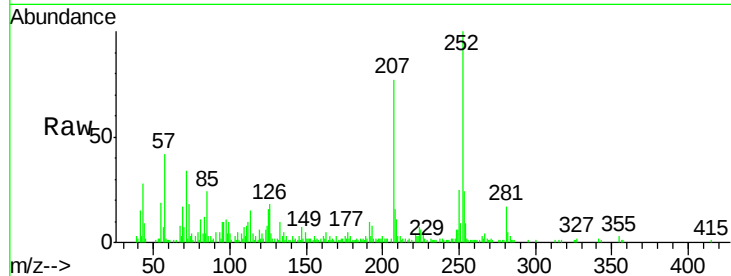




#24
Benzo(k)fluoranthene
Concen: 3.195 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BN001115.D
Acq: 03 May 2018 19:46

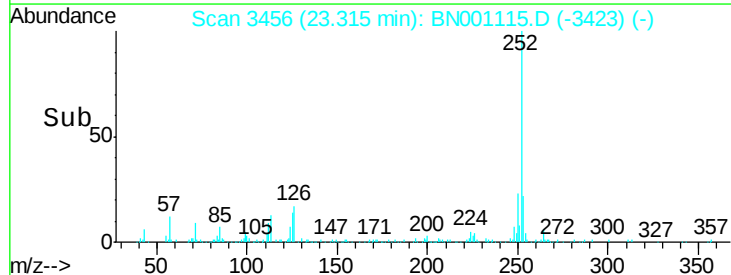
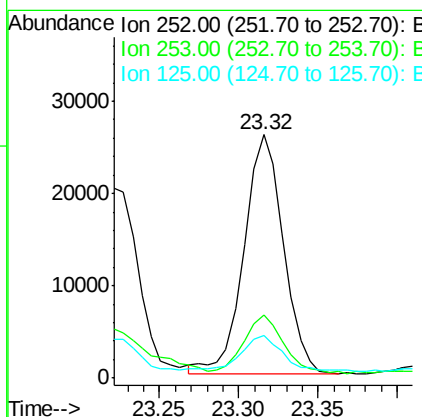
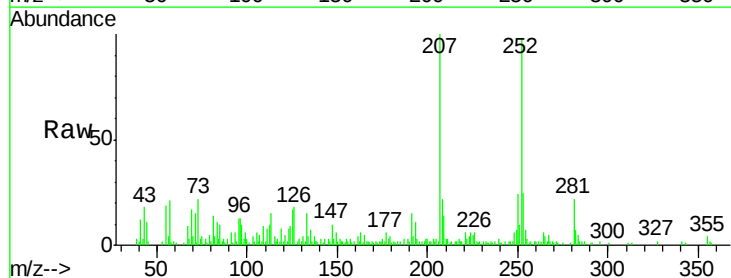
Instrument :
BNA_N
ClientSampleId :

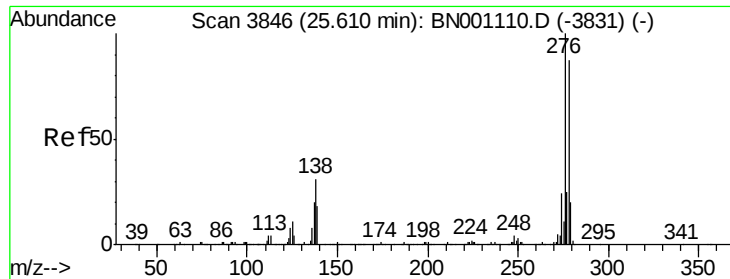
Tot Ion:252 Resp: 76357
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 15.7 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 1.910 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN001115.D
Acq: 03 May 2018 19:46

Tgt Ion:252 Resp: 44583
Ion Ratio Lower Upper
252 100
253 25.9 17.2 25.8#
125 17.3 8.2 12.4#

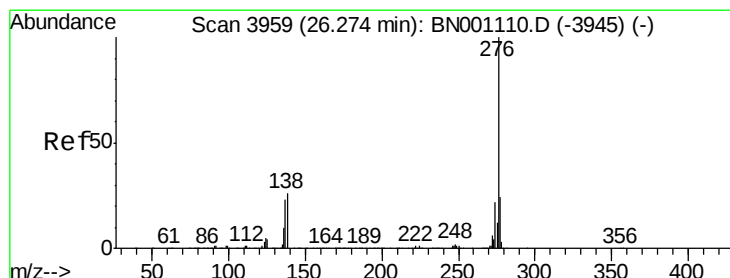
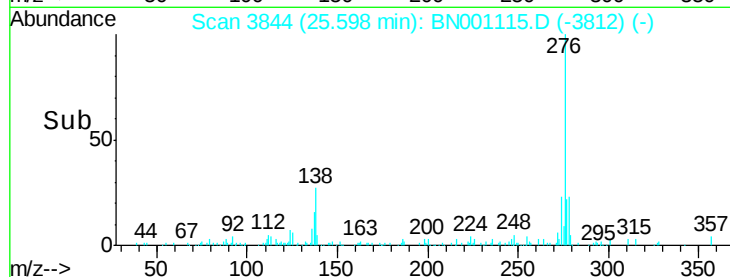
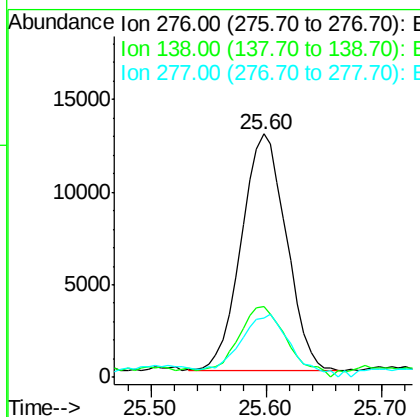
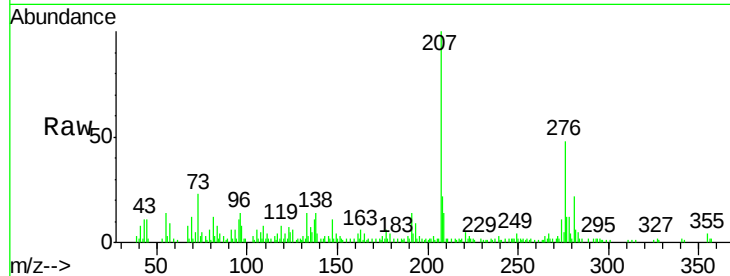




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.233 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BN001115.D
 Acq: 03 May 2018 19:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 34769
 Ion Ratio Lower Upper
 276 100
 138 29.3 14.4 21.6#
 277 24.2 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.585 ng/ul
 RT: 26.27 min Scan# 3958
 Delta R.T. -0.01 min
 Lab File: BN001115.D
 Acq: 03 May 2018 19:46

Tgt Ion:276 Resp: 37360
 Ion Ratio Lower Upper
 276 100
 138 28.4 15.3 22.9#
 277 27.1 19.0 28.4

