

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000850.D
 Acq On : 24 Apr 2018 15:05
 Operator : JU/SJ
 Sample : J2443-17MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 07:27:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 13:09:24 2018
 Response via : Initial Calibration

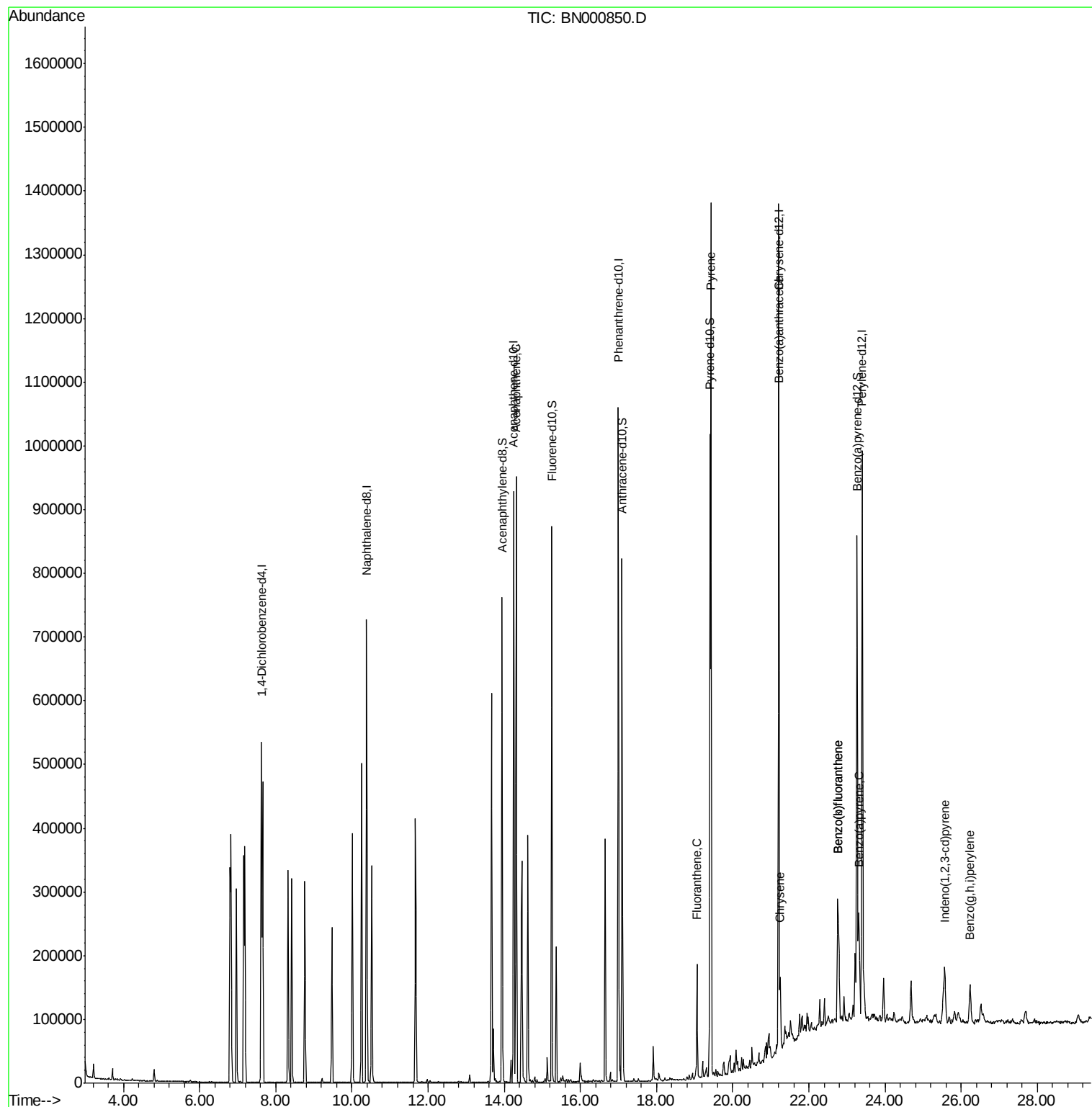
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133295	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	566227	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282366	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	556252	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	524114	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	540121	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	450262	16.60	ng/ul	0.00
10) Fluorene-d10	15.25	176	323657	17.88	ng/ul	0.00
14) Anthracene-d10	17.09	188	440307	17.31	ng/ul	0.00
18) Pyrene-d10	19.40	212	472970	17.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	495551	19.42	ng/ul	0.02
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	347876	18.759	ng/ul	95
16) Fluoranthene	19.06	202	94862	3.082	ng/ul#	93
19) Pyrene	19.43	202	759404	22.558	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	73826	2.356	ng/ul	94
21) Chrysene	21.24	228	75253	2.556	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	190832	6.217	ng/ul#	97
24) Benzo(k)fluoranthene	22.76	252	191673	6.381	ng/ul#	97
26) Benzo(a)pyrene	23.31	252	96916	3.304	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.57	276	68105	1.922	ng/ul#	86
29) Benzo(g,h,i)perylene	26.23	276	63043	2.127	ng/ul#	92

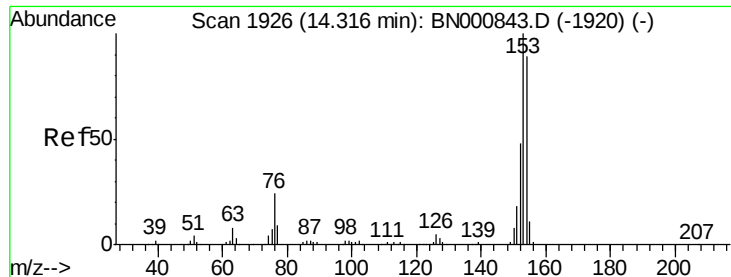
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000850.D
Acq On : 24 Apr 2018 15:05
Operator : JU/SJ
Sample : J2443-17MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 25 07:27:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 13:09:24 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 18.759 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

Instrument :

BNA_N

ClientSampleId :

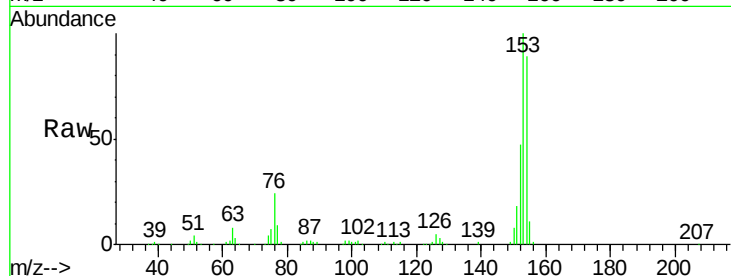
Tot Ion:153 Resp: 347876

Ion Ratio Lower Upper

153 100

152 47.3 39.0 58.6

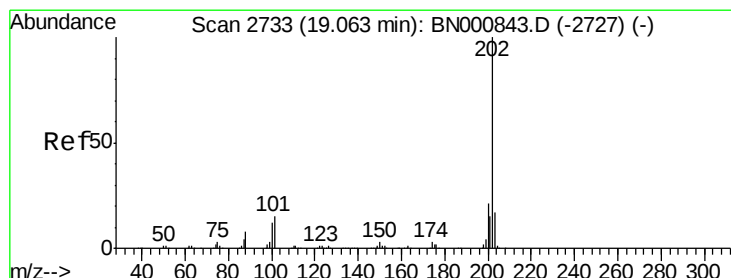
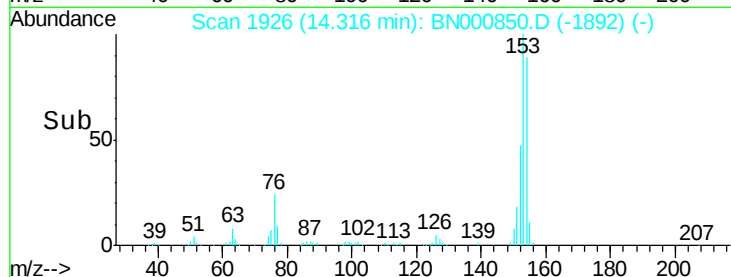
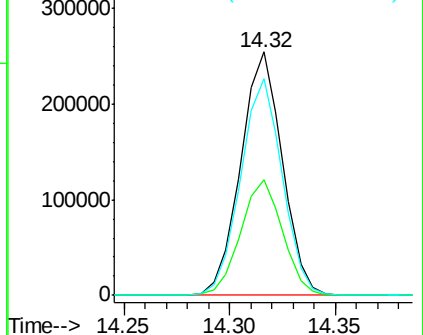
154 89.1 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#16

Fluoranthene

Concen: 3.082 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

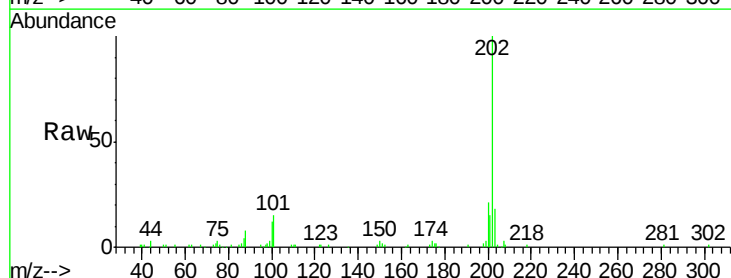
Tgt Ion:202 Resp: 94862

Ion Ratio Lower Upper

202 100

101 15.5 9.9 14.9#

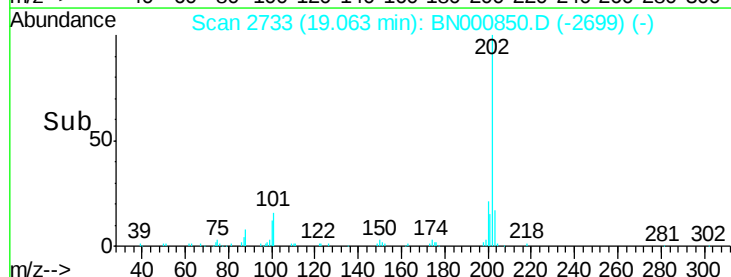
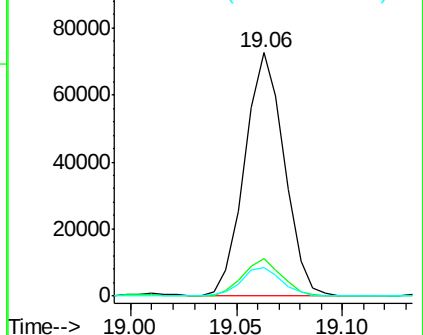
100 11.7 7.4 11.0#

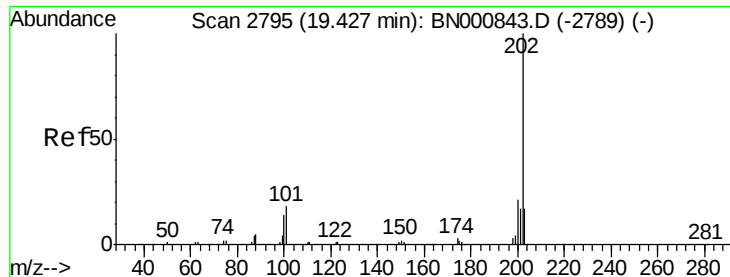


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 22.558 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

Instrument :

BNA_N

ClientSampled :

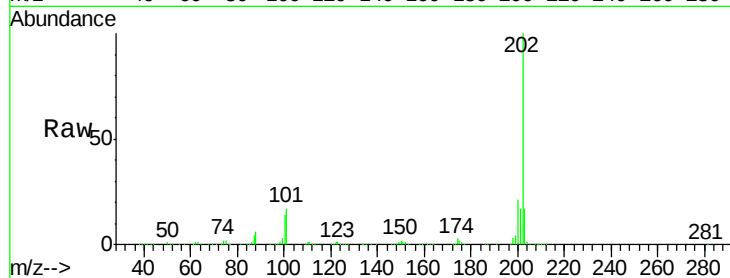
Tot Ion:202 Resp: 759404

Ion Ratio Lower Upper

202 100

101 16.9 11.0 16.4#

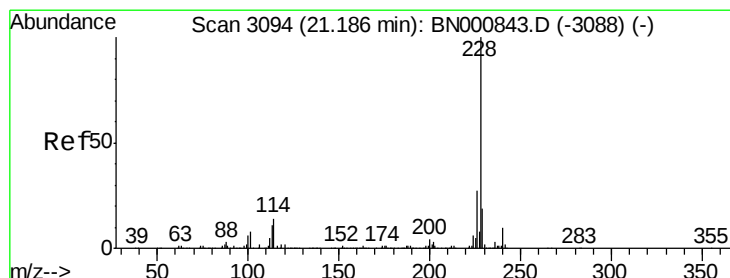
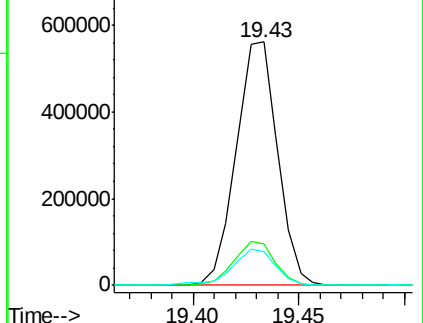
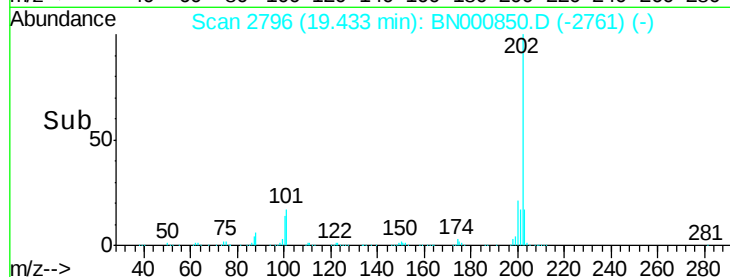
100 13.6 8.1 12.1#



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: 2.356 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

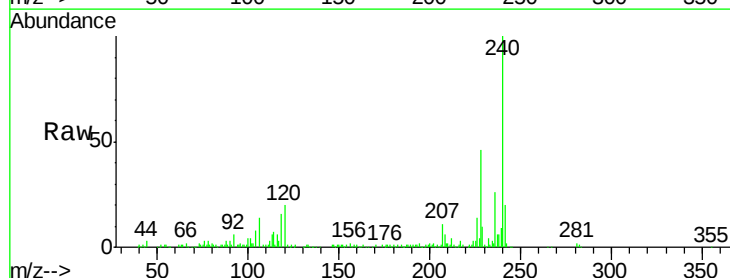
Tgt Ion:228 Resp: 73826

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

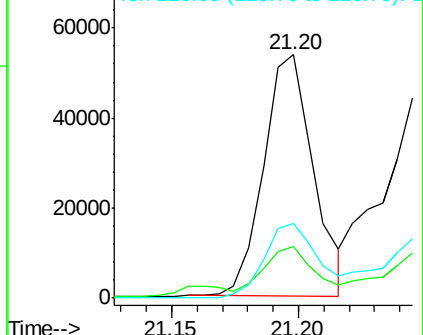
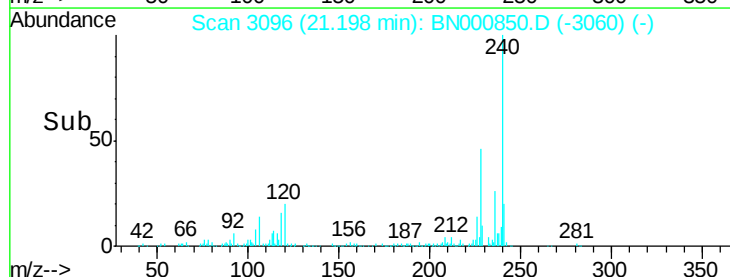
226 30.4 21.1 31.7

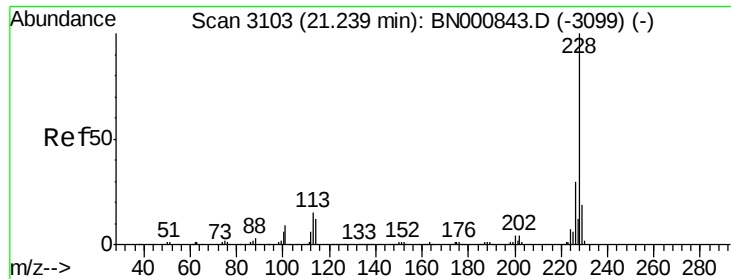


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.556 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

Instrument :

BNA_N

ClientSampleId :

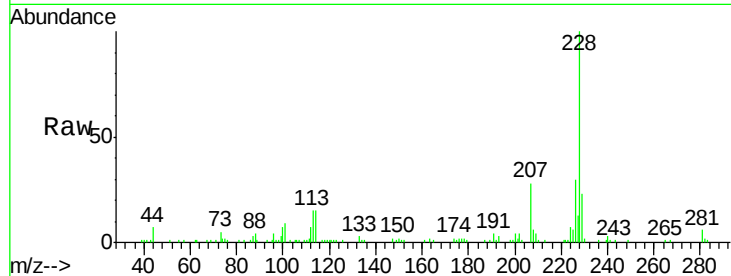
Tot Ion:228 Resp: 75253

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

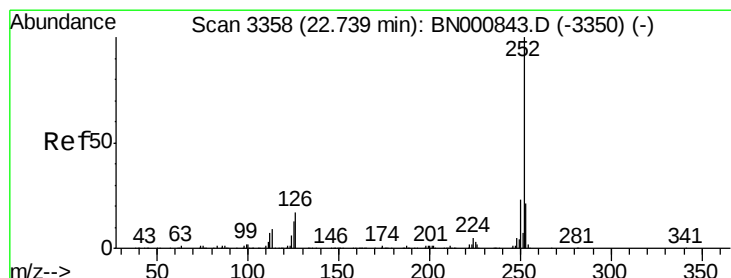
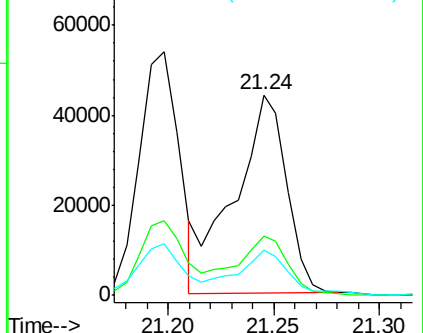
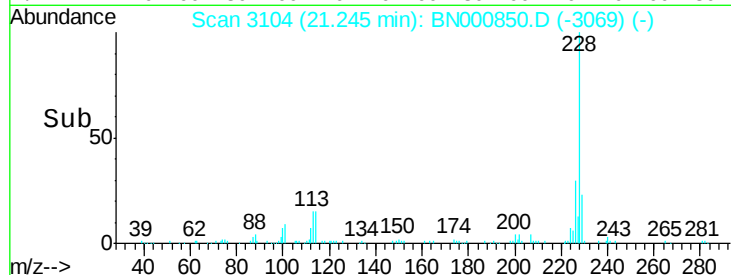
229 22.7 15.8 23.8



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: 6.217 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.02 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

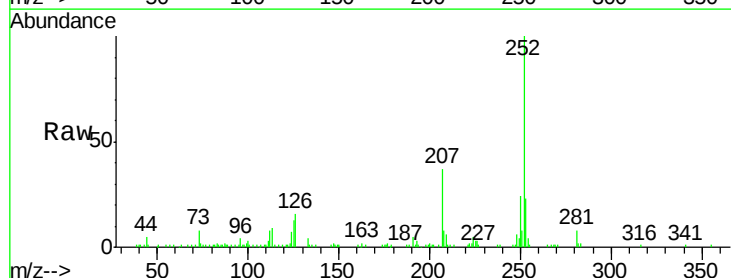
Tgt Ion:252 Resp: 190832

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

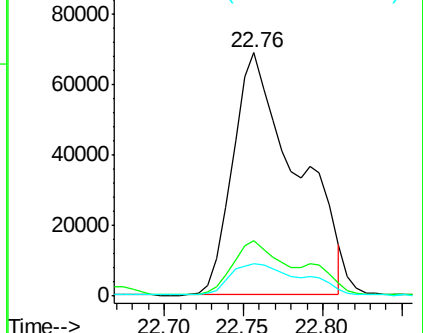
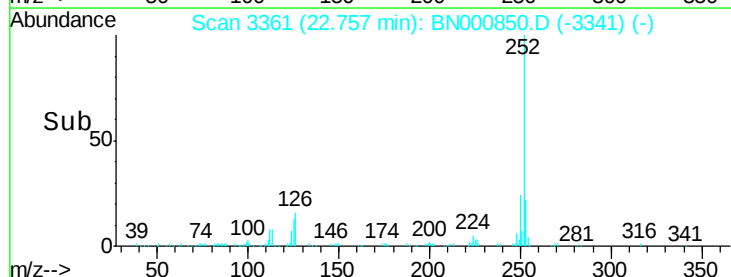
125 13.2 8.0 12.0#

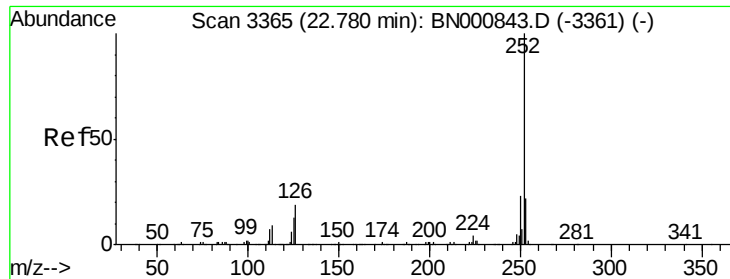


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 6.381 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

Instrument :

BNA_N

ClientSampleId :

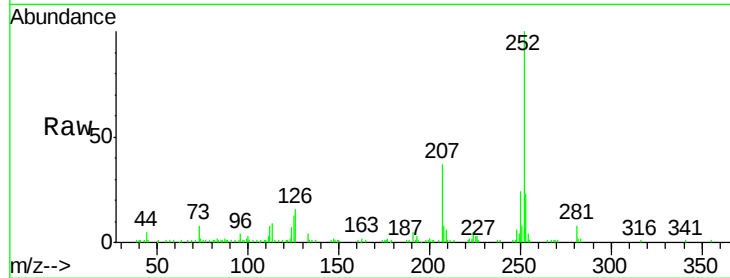
Tot Ion:252 Resp: 191673

Ion Ratio Lower Upper

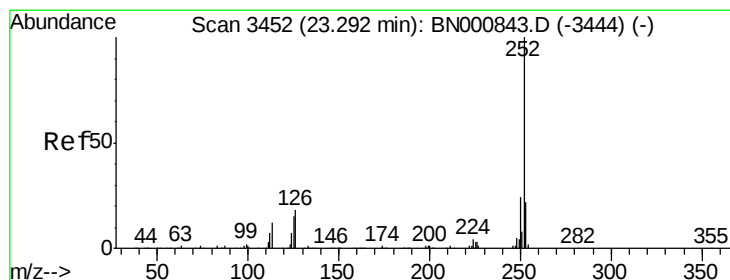
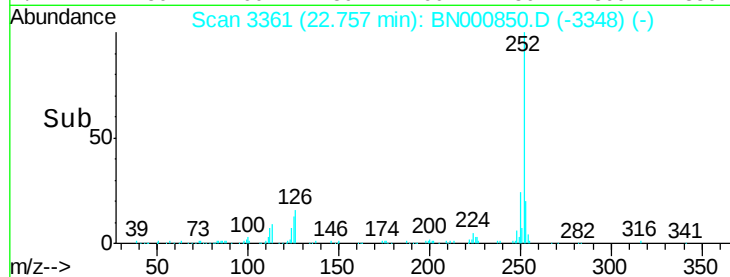
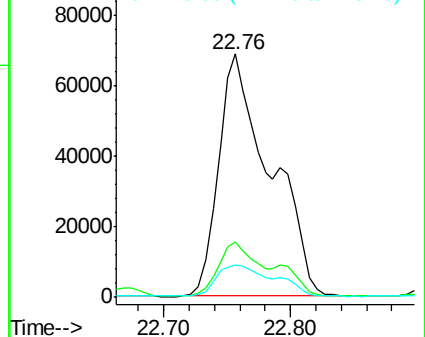
252 100

253 22.7 18.0 27.0

125 13.2 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: 3.304 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. 0.02 min

Lab File: BN000850.D

Acq: 24 Apr 2018 15:05

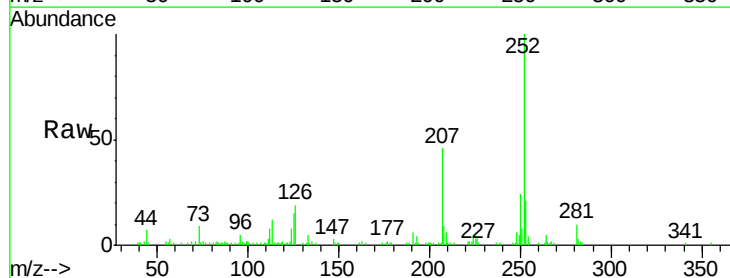
Tgt Ion:252 Resp: 96916

Ion Ratio Lower Upper

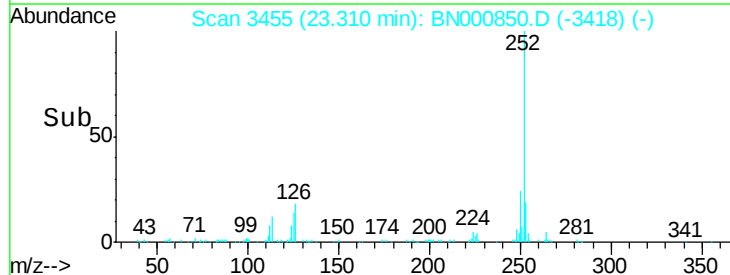
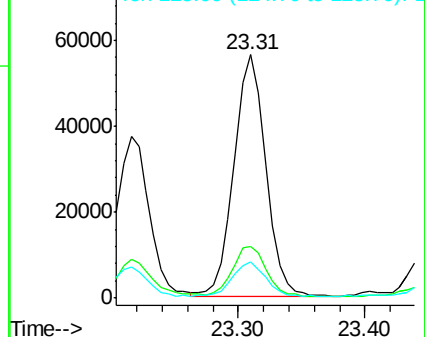
252 100

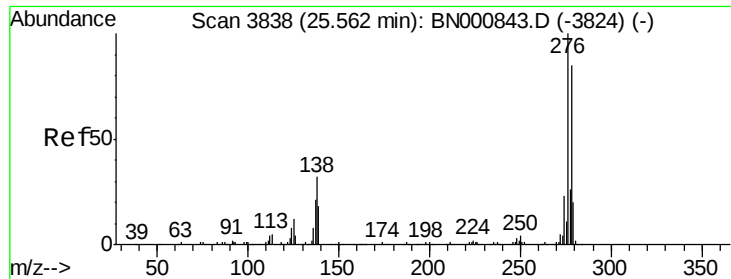
253 21.1 17.2 25.8

125 14.8 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

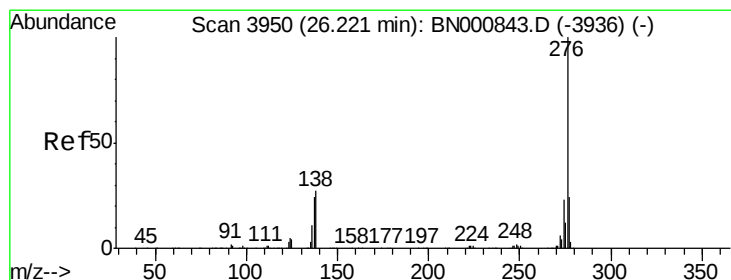
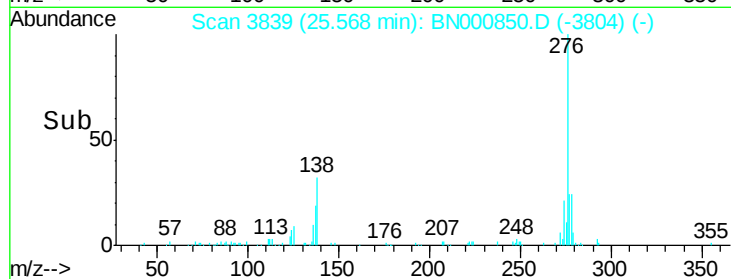
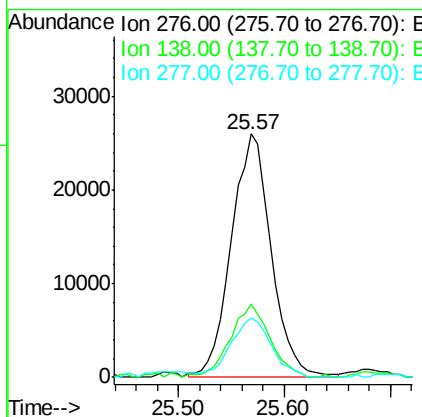
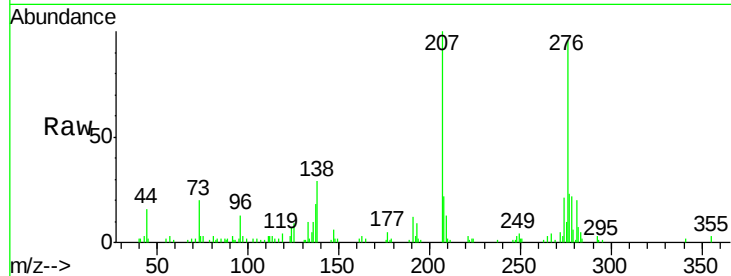




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.922 ng/ul
 RT: 25.57 min Scan# 3839
 Delta R.T. 0.01 min
 Lab File: BN000850.D
 Acq: 24 Apr 2018 15:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 68105
 Ion Ratio Lower Upper
 276 100
 138 30.2 14.4 21.6#
 277 24.1 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.127 ng/ul
 RT: 26.23 min Scan# 3952
 Delta R.T. 0.01 min
 Lab File: BN000850.D
 Acq: 24 Apr 2018 15:05

Tgt Ion:276 Resp: 63043
 Ion Ratio Lower Upper
 276 100
 138 25.9 15.3 22.9#
 277 25.0 19.0 28.4

