

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
 Data File : BN001011.D
 Acq On : 01 May 2018 01:42
 Operator : JU/SJ
 Sample : J2602-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 01 05:43:32 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 01 01:47:00 2018
 Response via : Initial Calibration

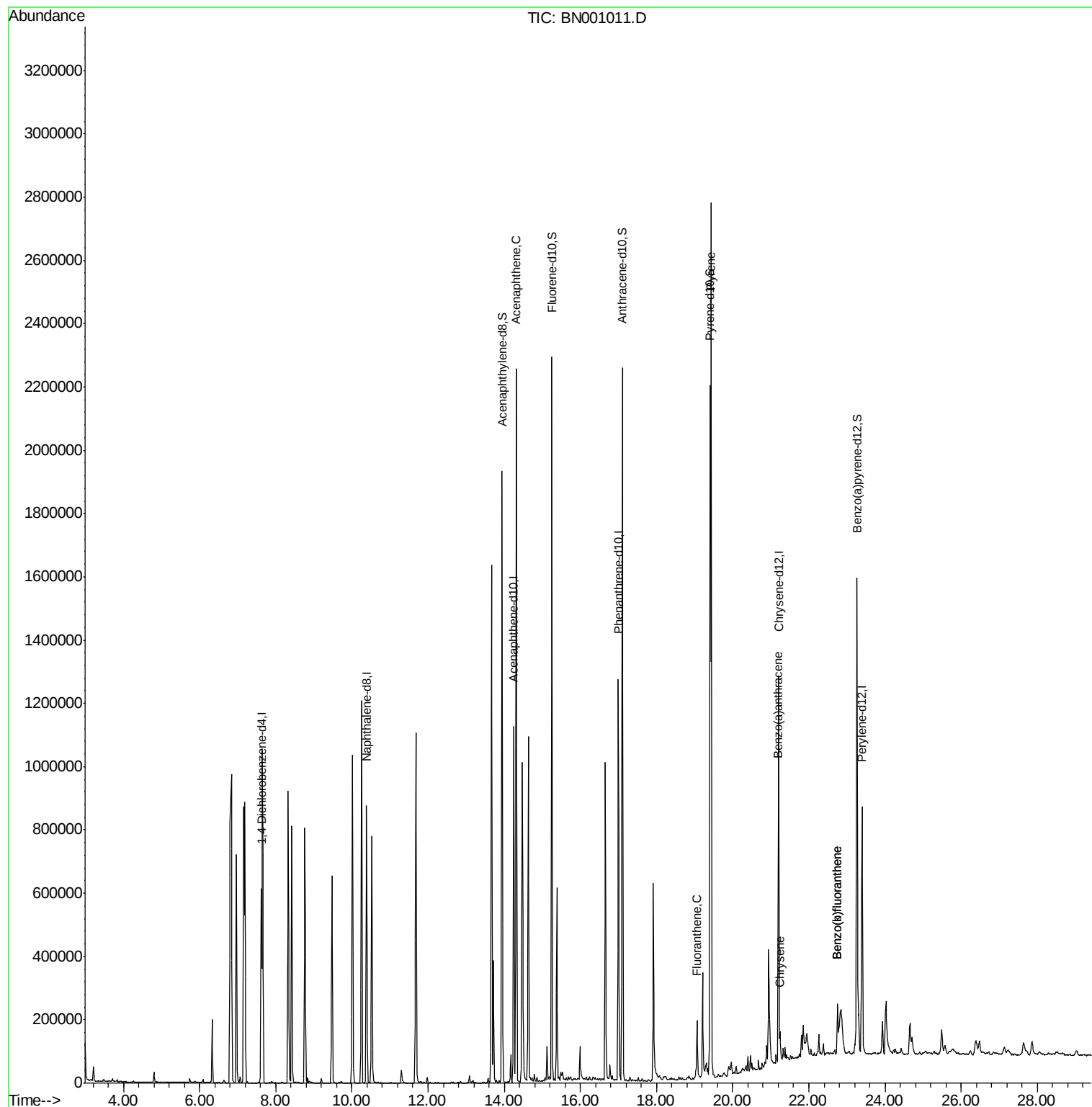
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	153562	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	686158	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	349259	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	683123	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	500908	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	495696	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	1203118	35.87	ng/ul	0.00
10) Fluorene-d10	15.25	176	821756	36.70	ng/ul	0.00
14) Anthracene-d10	17.10	188	1143326	36.60	ng/ul	0.00
18) Pyrene-d10	19.40	212	1061870	41.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	951608	40.64	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.32	153	840878	36.659	ng/ul	95
16) Fluoranthene	19.06	202	90839	2.403	ng/ul#	92
19) Pyrene	19.43	202	1413255	43.925	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	37337	1.247	ng/ul	94
21) Chrysene	21.25	228	40003	1.421	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	70342	2.497	ng/ul#	91
24) Benzo(k)fluoranthene	22.74	252	69381	2.517	ng/ul#	91

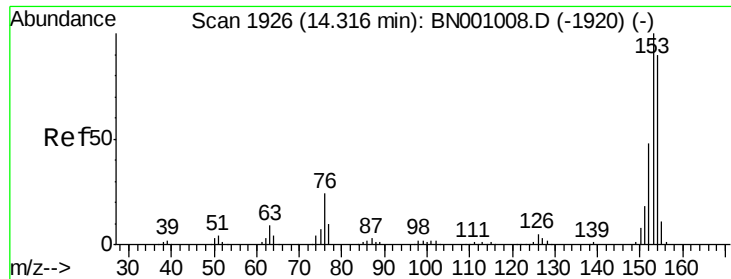
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 36.659 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

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Acq: 01 May 2018 01:42

Instrument :

BNA_N

ClientSampleId :

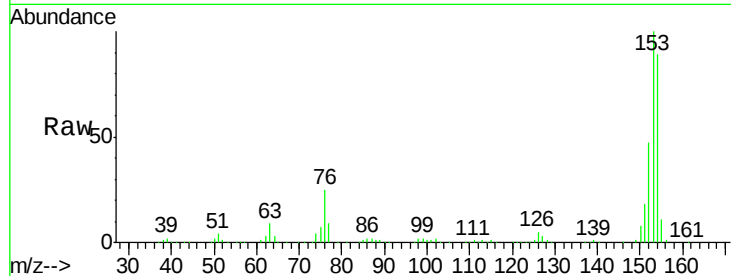
Tot Ion:153 Resp: 840878

Ion Ratio Lower Upper

153 100

152 47.2 39.0 58.6

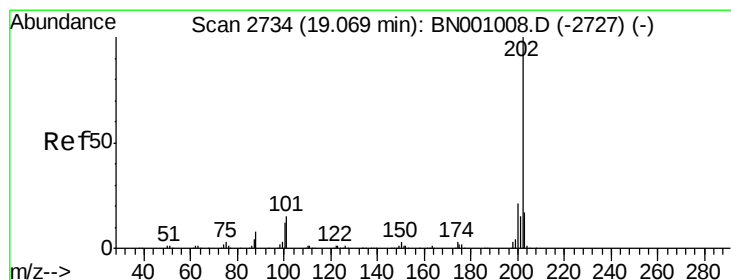
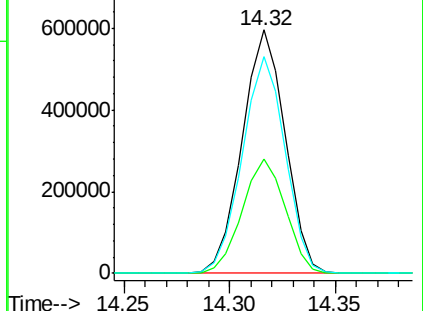
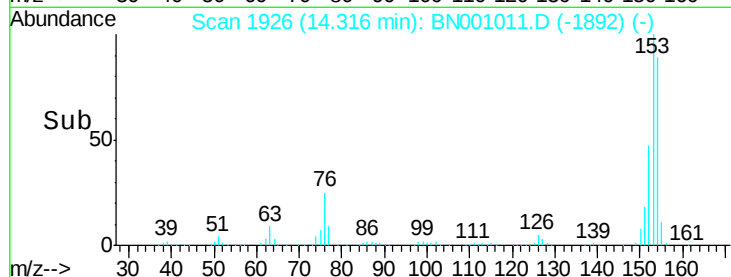
154 88.8 66.8 100.2



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: 2.403 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN001011.D

Acq: 01 May 2018 01:42

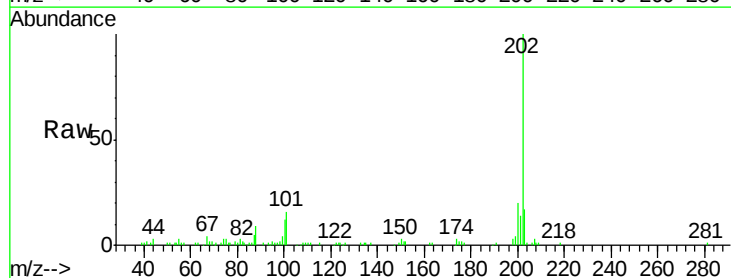
Tgt Ion:202 Resp: 90839

Ion Ratio Lower Upper

202 100

101 15.7 9.9 14.9#

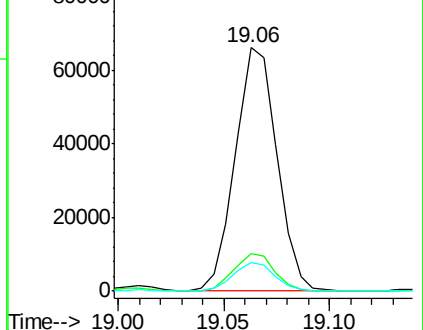
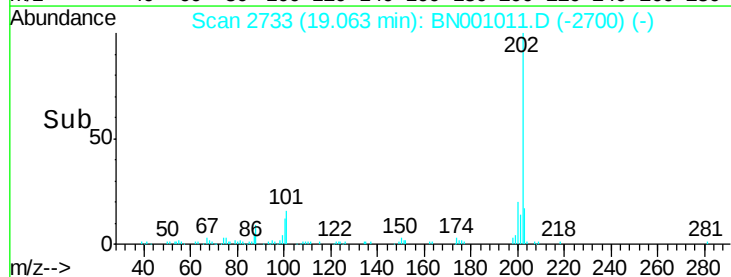
100 11.9 7.4 11.0#

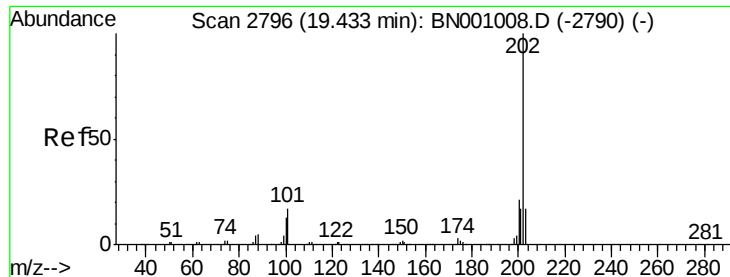


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 43.925 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BN001011.D

Acq: 01 May 2018 01:42

Instrument :

BNA_N

ClientSampleId :

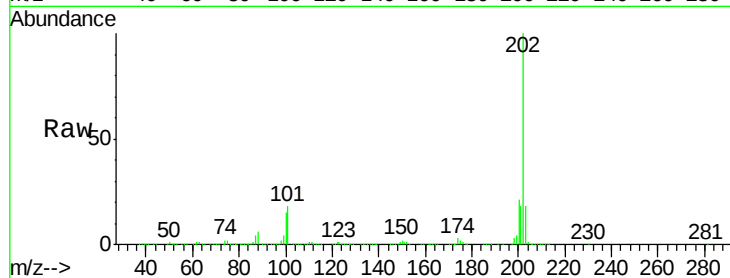
Tot Ion:202 Resp: 1413255

Ion Ratio Lower Upper

202 100

101 18.0 11.0 16.4#

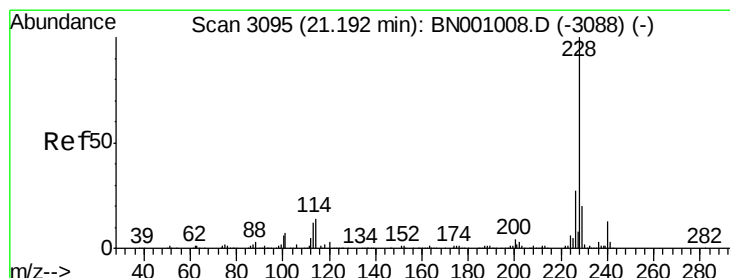
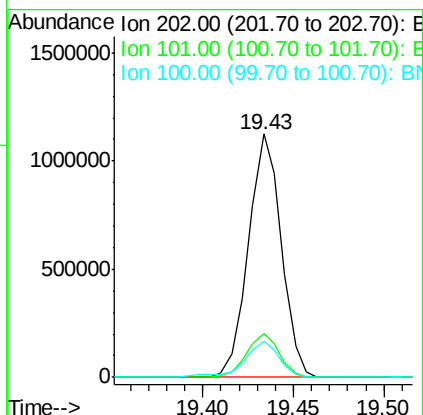
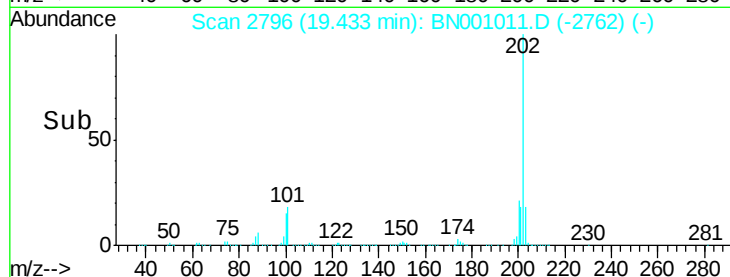
100 14.7 8.1 12.1#



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: 1.247 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN001011.D

Acq: 01 May 2018 01:42

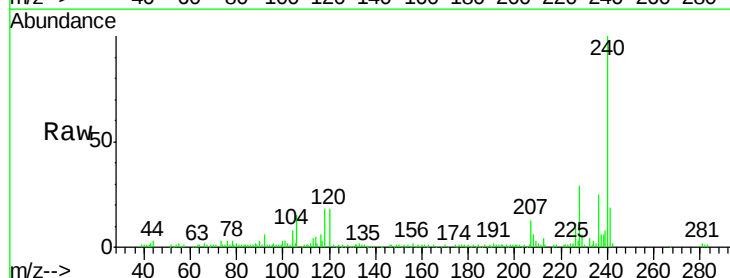
Tgt Ion:228 Resp: 37337

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

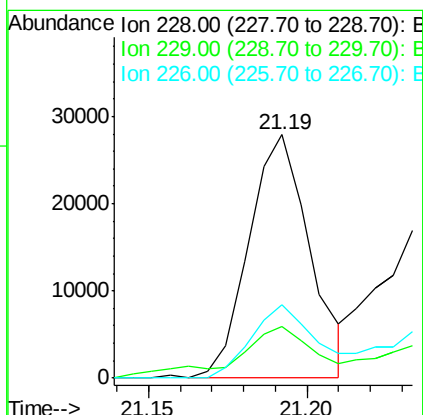
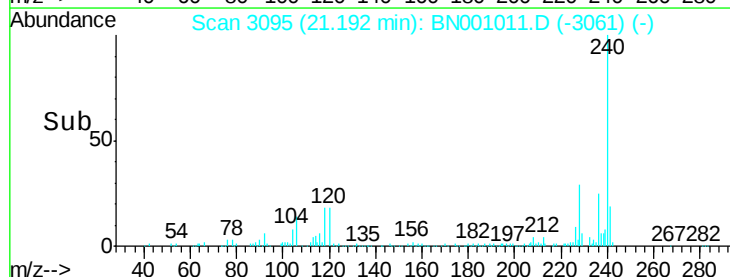
226 30.1 21.1 31.7

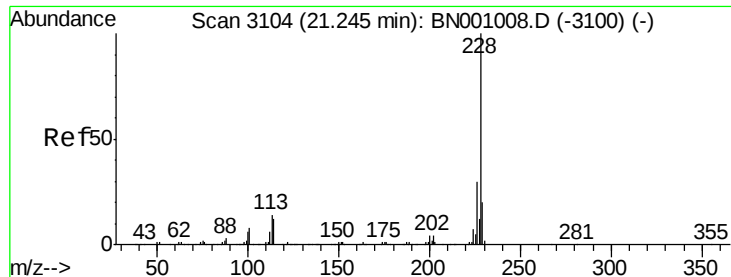


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.421 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN001011.D

Acq: 01 May 2018 01:42

Instrument :

BNA_N

ClientSampleId :

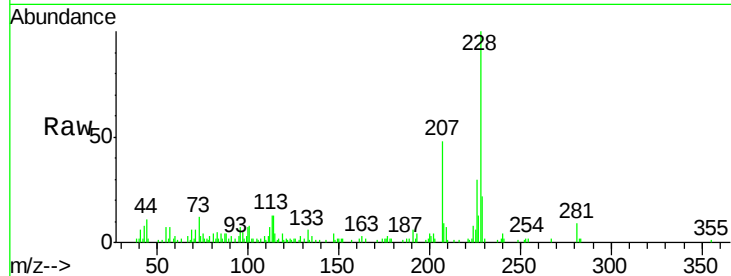
Tot Ion:228 Resp: 40003

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

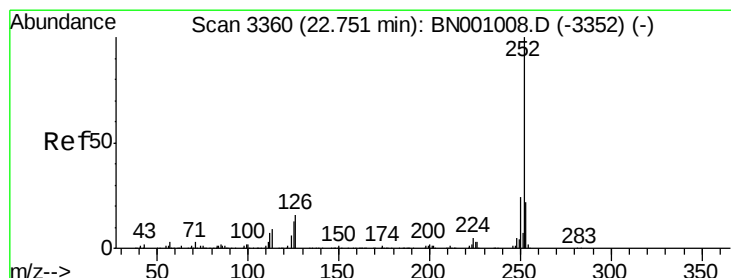
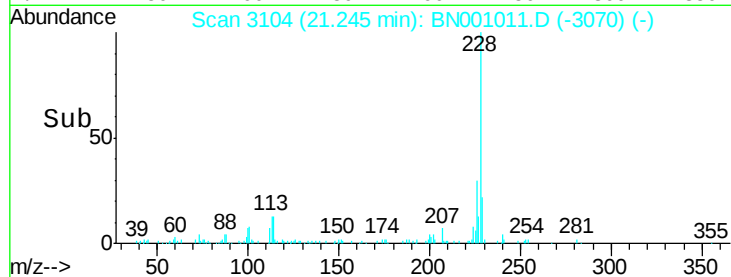
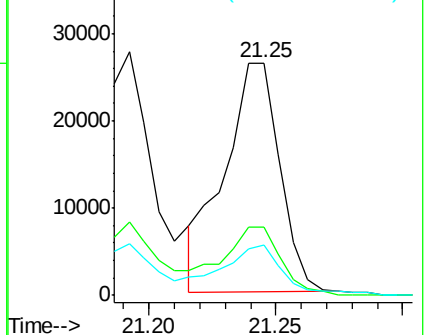
229 21.9 15.8 23.8



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: 2.497 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BN001011.D

Acq: 01 May 2018 01:42

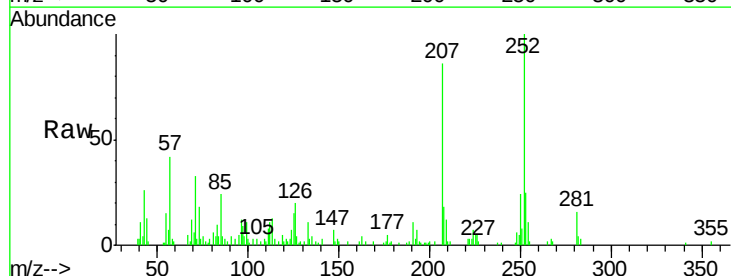
Tgt Ion:252 Resp: 70342

Ion Ratio Lower Upper

252 100

253 25.4 18.0 27.0

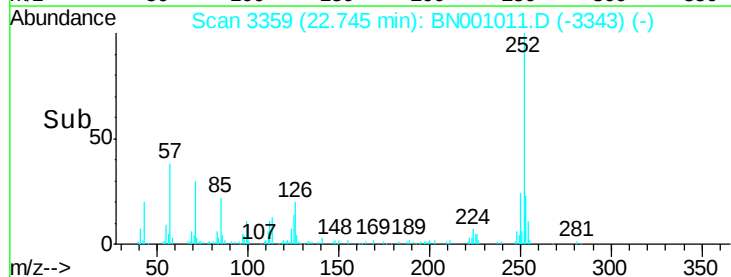
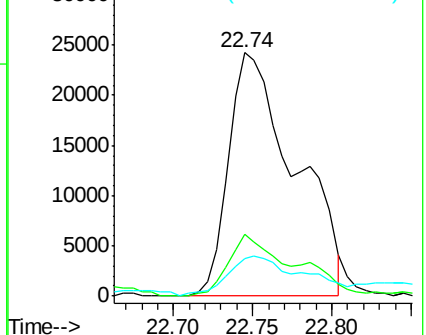
125 15.4 8.0 12.0#

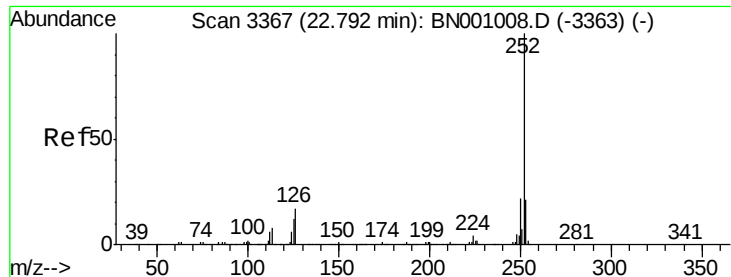


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.517 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BN001011.D

Acq: 01 May 2018 01:42

Instrument :

BNA_N

ClientSampleId :

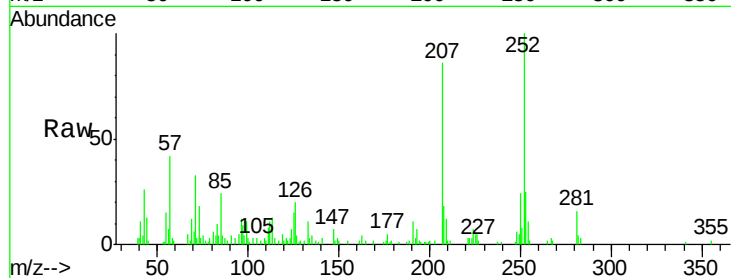
Tot Ion:252 Resp: 69381

Ion Ratio Lower Upper

252 100

253 25.4 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

