

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001112.D
 Acq On : 03 May 2018 18:00
 Operator : JU/SJ
 Sample : J2633-16MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 04 08:05:32 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

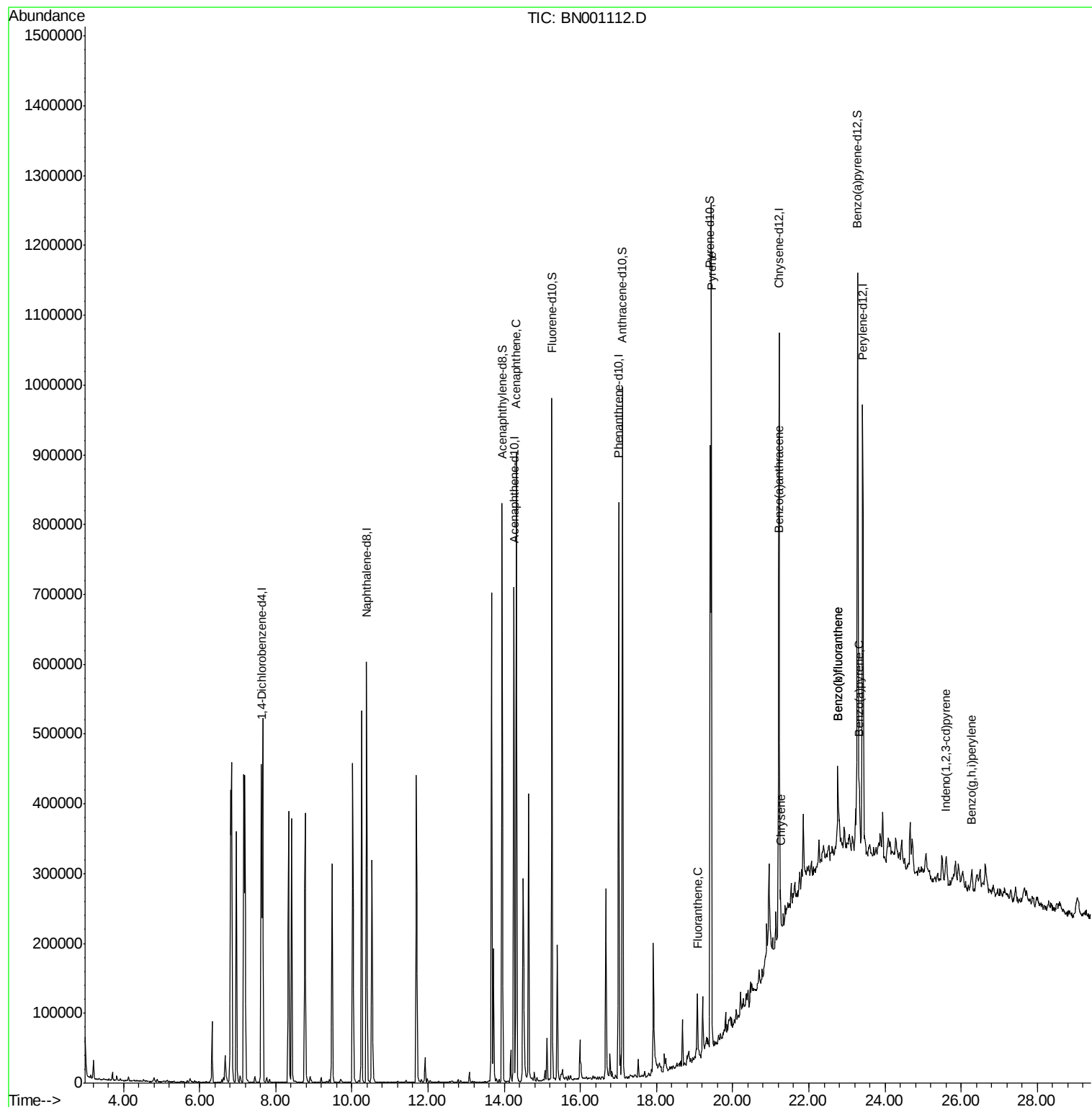
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	110693	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	459822	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	219129	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	410502	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	379299	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	410395	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	519695	24.69	ng/ul	0.00
10) Fluorene-d10	15.25	176	346687	24.68	ng/ul	0.00
14) Anthracene-d10	17.10	188	479683	25.55	ng/ul	0.00
18) Pyrene-d10	19.41	212	484243	24.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	527346	27.20	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	349302	24.272	ng/ul	95
16) Fluoranthene	19.07	202	45966	2.024	ng/ul#	93
19) Pyrene	19.44	202	632525	25.962	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	29848	1.316	ng/ul#	91
21) Chrysene	21.25	228	34049	1.598	ng/ul#	95
23) Benzo(b)fluoranthene	22.76	252	74380	3.189	ng/ul#	88
24) Benzo(k)fluoranthene	22.76	252	75859	3.324	ng/ul#	88
26) Benzo(a)pyrene	23.32	252	37408	1.678	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.60	276	27032	1.004	ng/ul#	83
29) Benzo(g,h,i)perylene	26.28	276	34843	1.547	ng/ul#	89

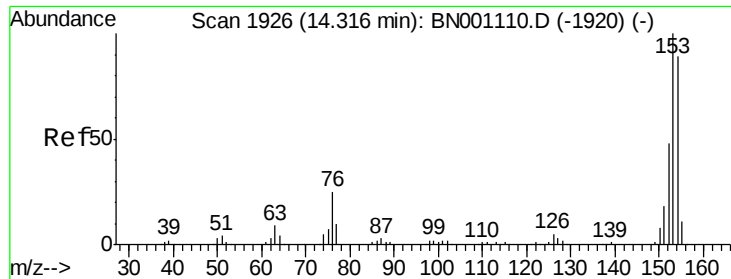
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 24.272 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

Instrument :

BNA_N

ClientSampleId :

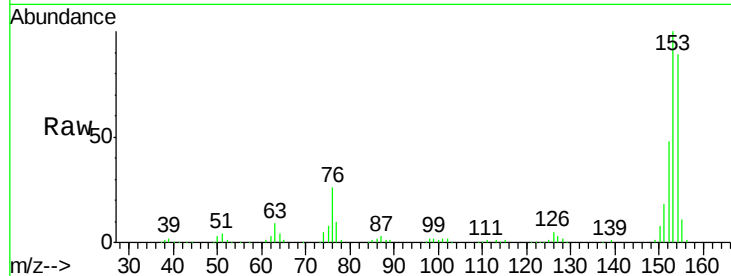
Tot Ion:153 Resp: 349302

Ion Ratio Lower Upper

153 100

152 47.5 39.0 58.6

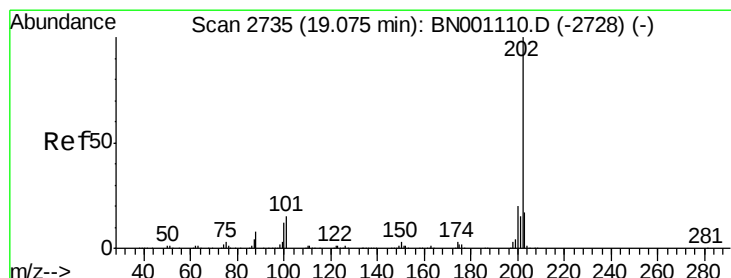
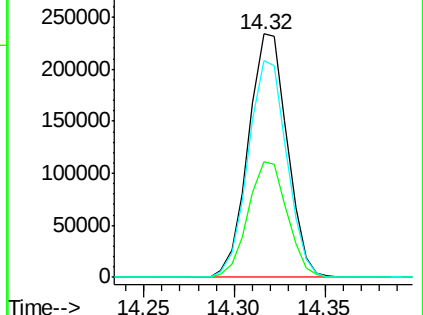
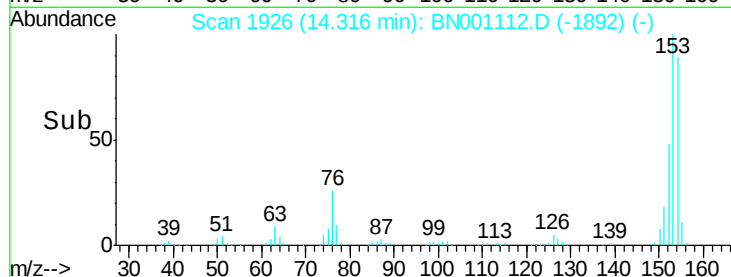
154 89.0 66.8 100.2



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: 2.024 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

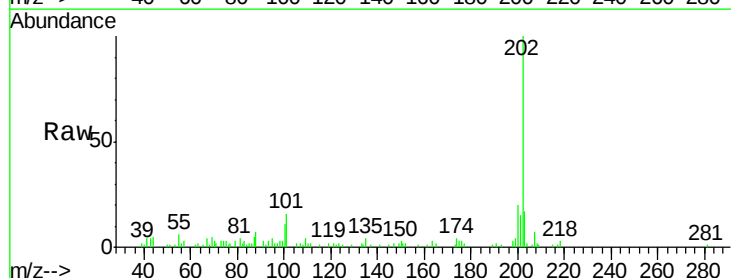
Tgt Ion:202 Resp: 45966

Ion Ratio Lower Upper

202 100

101 15.6 9.9 14.9#

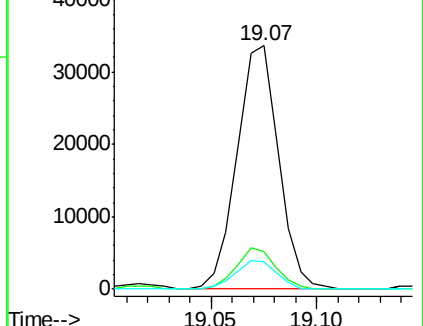
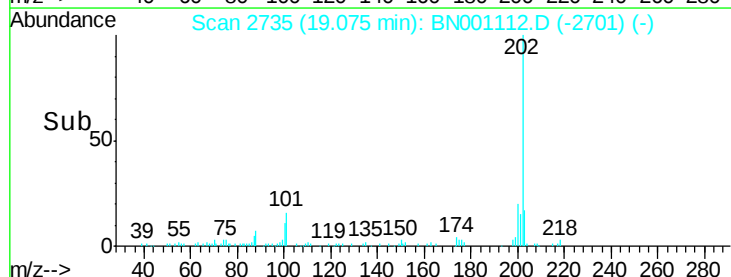
100 11.0 7.4 11.0

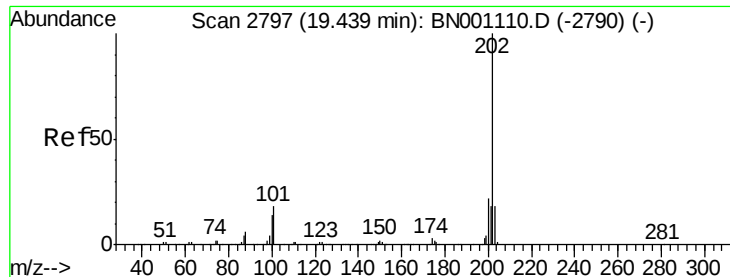


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 25.962 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

Instrument :

BNA_N

ClientSampleId :

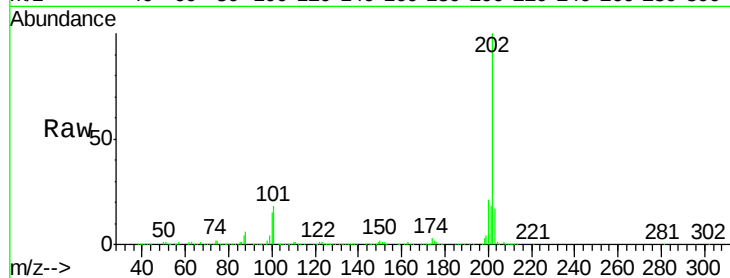
Tot Ion:202 Resp: 632525

Ion Ratio Lower Upper

202 100

101 17.8 11.0 16.4#

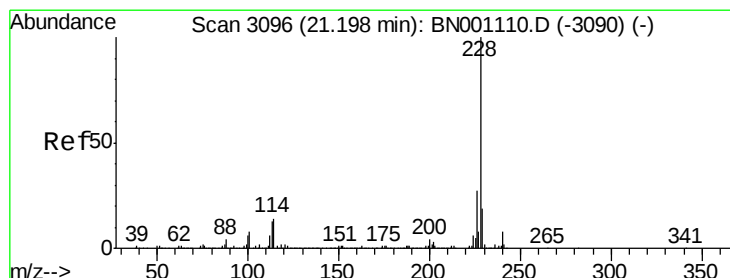
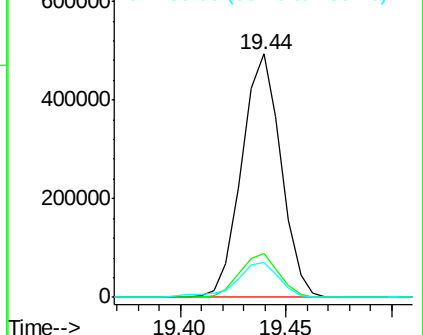
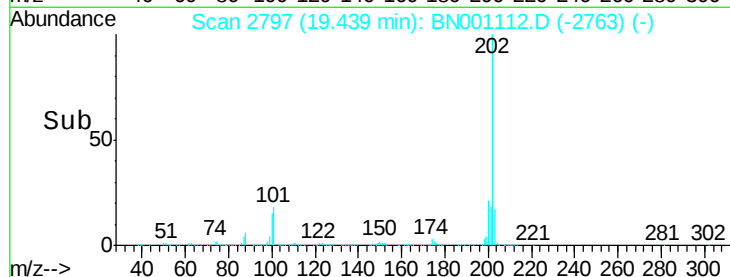
100 14.6 8.1 12.1#



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: 1.316 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

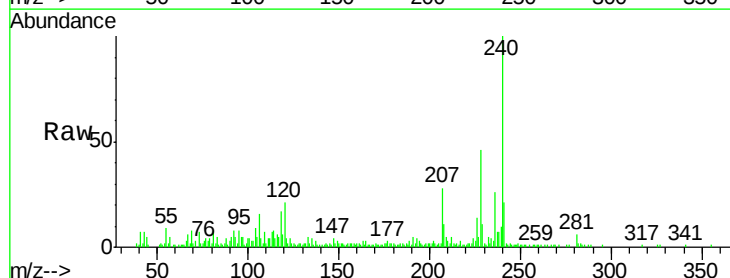
Tgt Ion:228 Resp: 29848

Ion Ratio Lower Upper

228 100

229 24.6 15.7 23.5#

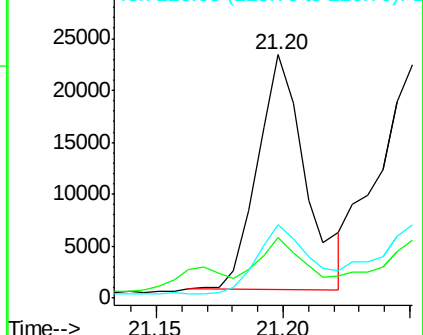
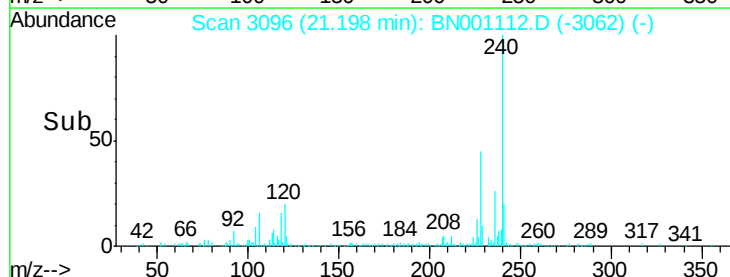
226 30.4 21.1 31.7

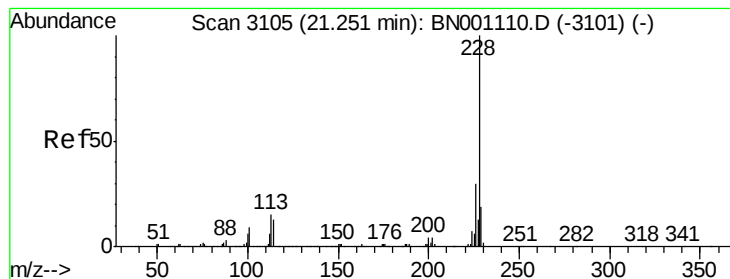


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.598 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

Instrument :

BNA_N

ClientSampleId :

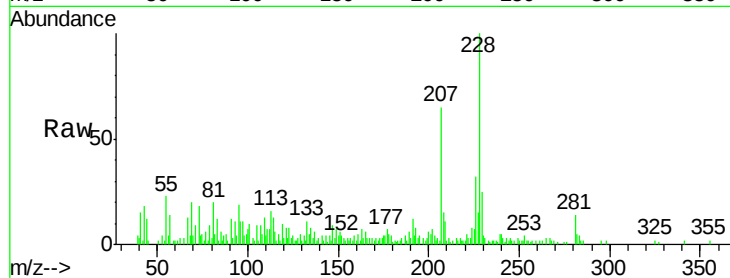
Tot Ion:228 Resp: 34049

Ion Ratio Lower Upper

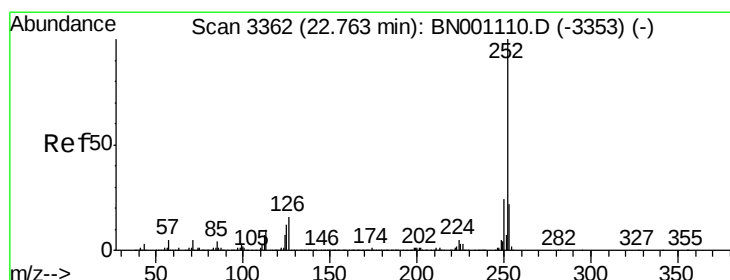
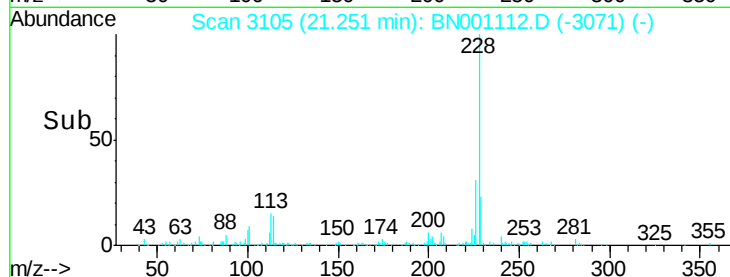
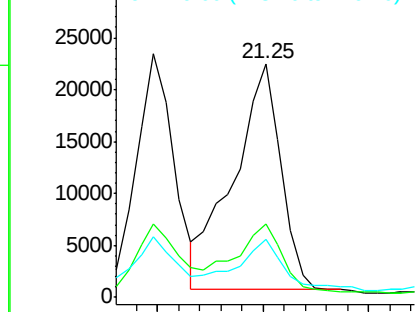
228 100

226 31.6 24.5 36.7

229 24.6 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: 3.189 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

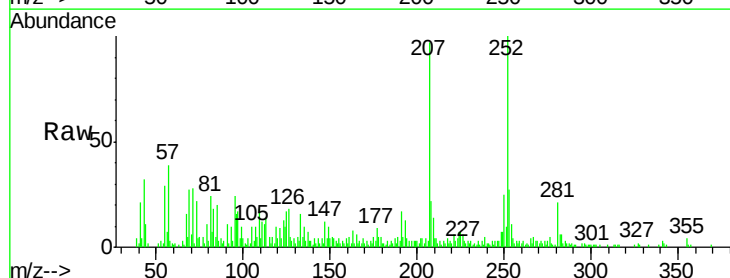
Tgt Ion:252 Resp: 74380

Ion Ratio Lower Upper

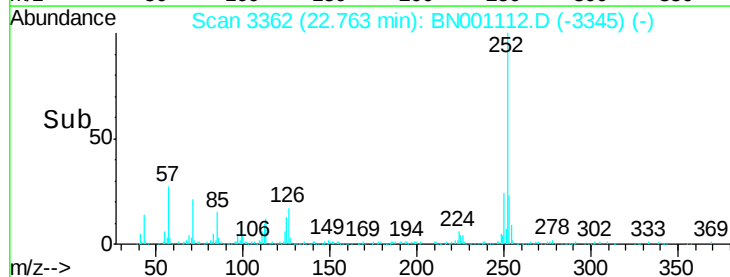
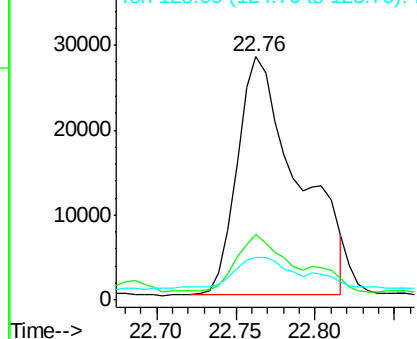
252 100

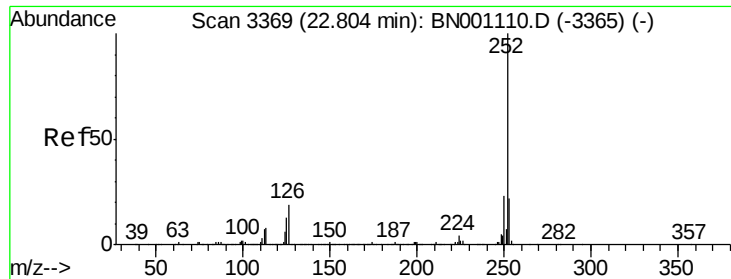
253 27.0 18.0 27.0

125 17.3 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: 3.324 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

Instrument :

BNA_N

ClientSampleId :

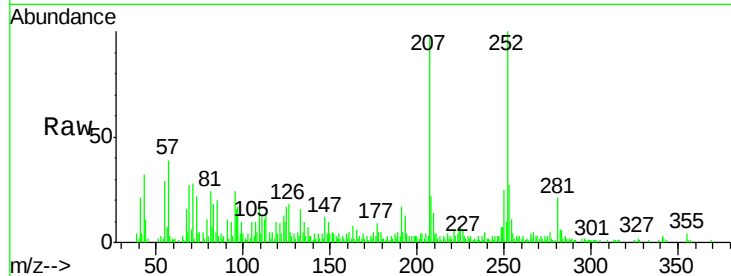
Tot Ion:252 Resp: 75859

Ion Ratio Lower Upper

252 100

253 27.0 18.0 27.0

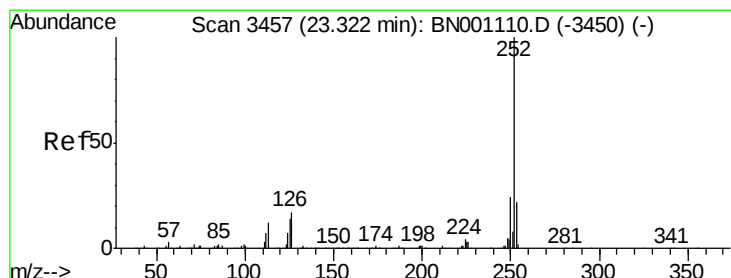
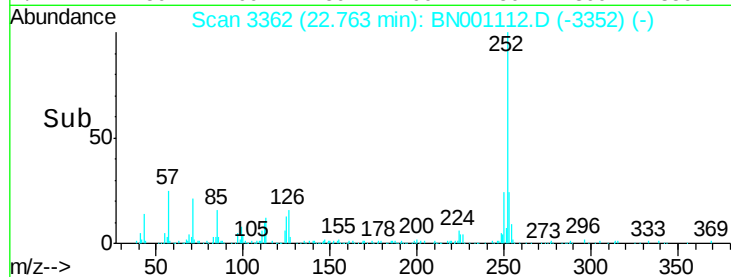
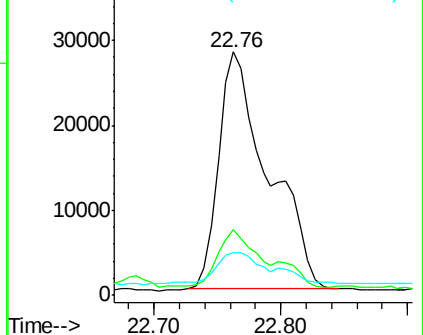
125 17.3 8.1 12.1#



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: 1.678 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BN001112.D

Acq: 03 May 2018 18:00

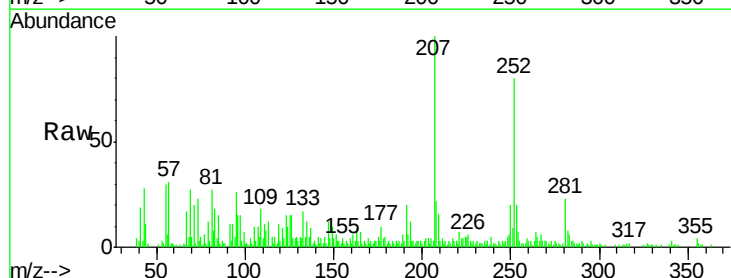
Tgt Ion:252 Resp: 37408

Ion Ratio Lower Upper

252 100

253 25.3 17.2 25.8

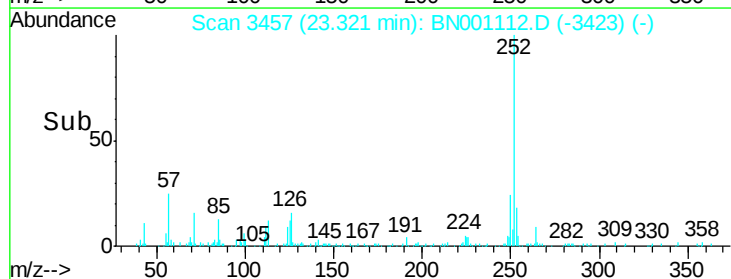
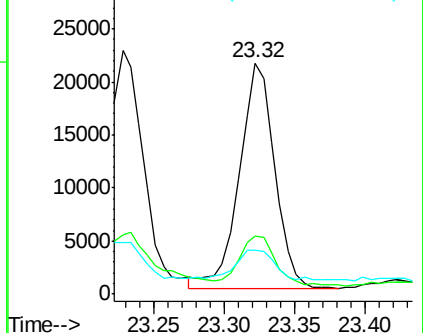
125 18.9 8.2 12.4#

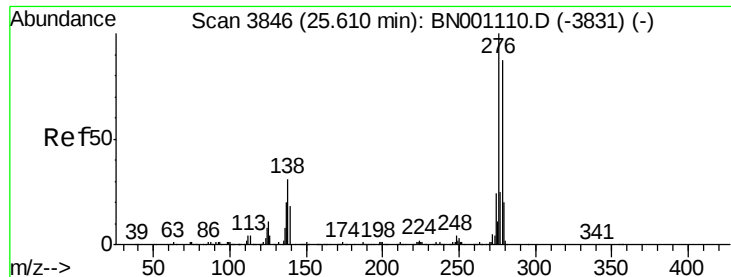


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



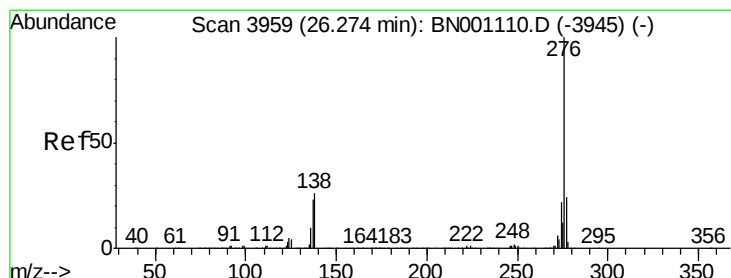
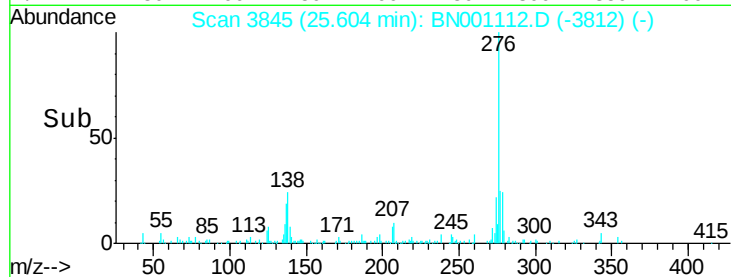
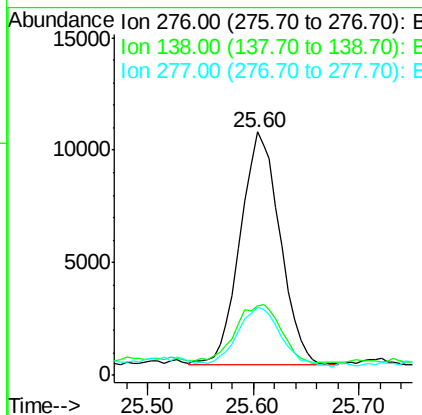
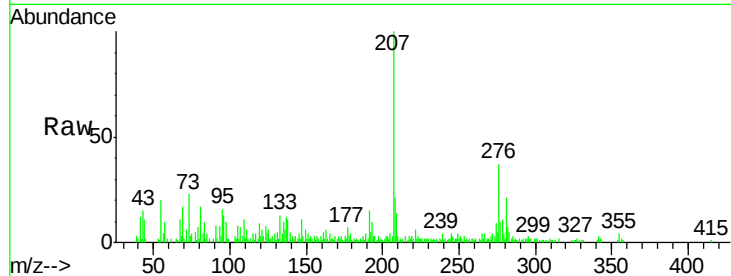


#27

Indeno(1,2,3-cd)pyrene
Concen: 1.004 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BN001112.D
Acq: 03 May 2018 18:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	14.4	21.6#
277	27.9	18.0	27.0#



#29

Benzo(g,h,i)perylene
Concen: 1.547 ng/ul
RT: 26.28 min Scan# 3960
Delta R.T. 0.01 min
Lab File: BN001112.D
Acq: 03 May 2018 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	15.3	22.9#
277	24.7	19.0	28.4

