

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
 Data File : BN001119.D
 Acq On : 03 May 2018 22:07
 Operator : JU/SJ
 Sample : J2633-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 04 08:06:56 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

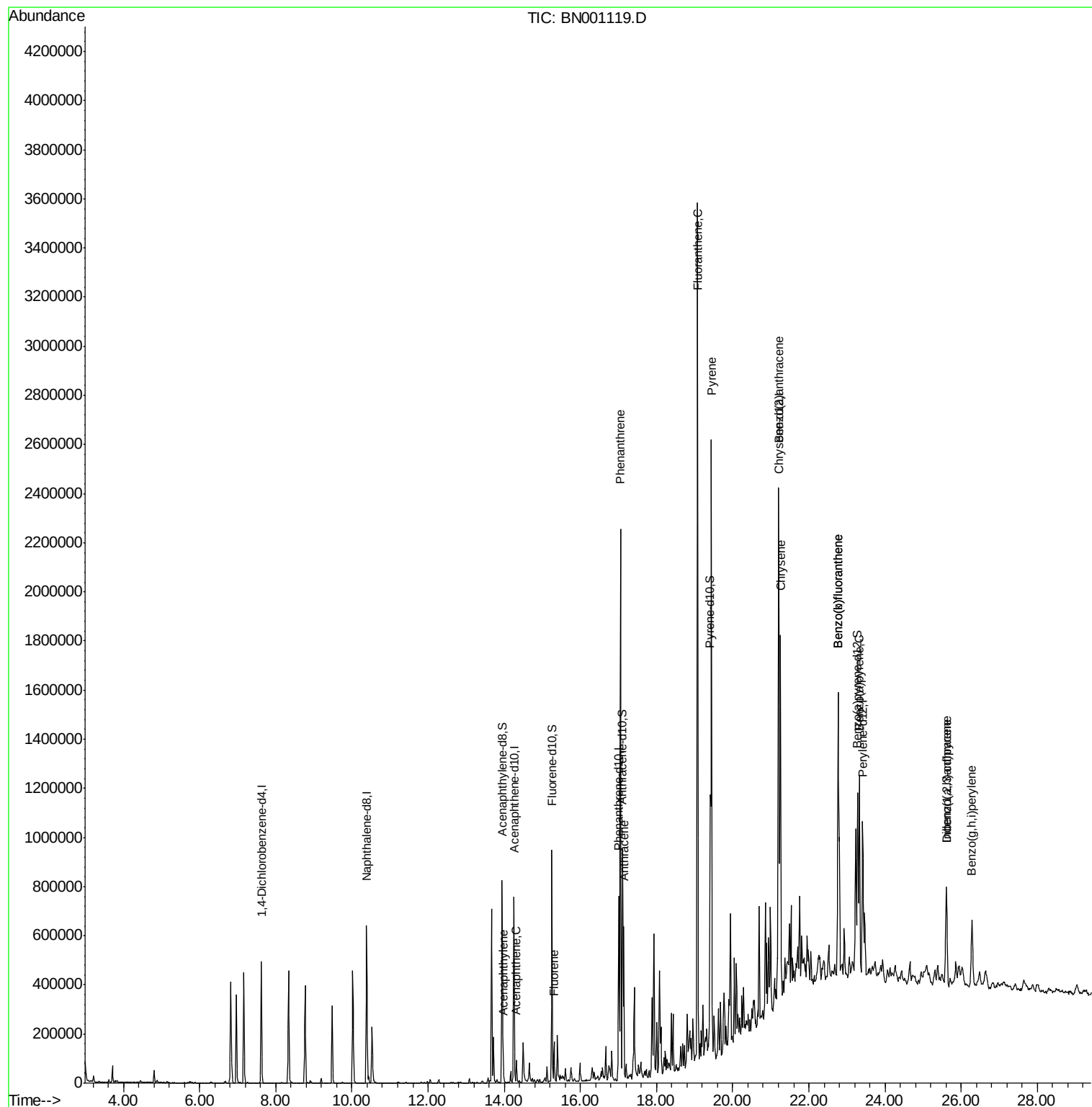
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	495711	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	230881	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	404781	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	364892	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	417045	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	514172	23.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	334331	22.59	ng/ul	0.00
14) Anthracene-d10	17.10	188	444253	24.00	ng/ul	0.00
18) Pyrene-d10	19.41	212	429977	23.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	496351	25.20	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	36124	1.646	ng/ul	98
9) Acenaphthene	14.32	153	35850	2.364	ng/ul	94
11) Fluorene	15.31	166	63535	3.936	ng/ul	96
13) Phenanthrene	17.05	178	1214771	55.024	ng/ul	99
15) Anthracene	17.14	178	333875	15.078	ng/ul	99
16) Fluoranthene	19.08	202	1966952	87.815	ng/ul#	93
19) Pyrene	19.45	202	1440039	61.441	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	823212	37.741	ng/ul	97
21) Chrysene	21.26	228	737475	35.972	ng/ul	97
23) Benzo(b)fluoranthene	22.77	252	1112872	46.955	ng/ul#	97
24) Benzo(k)fluoranthene	22.77	252	1137369	49.042	ng/ul#	97
26) Benzo(a)pyrene	23.33	252	517517	22.848	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.61	276	335917	12.279	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.61	278	104448	4.581	ng/ul#	77
29) Benzo(a,h,i)perylene	26.29	276	305828	13.366	ng/ul#	94

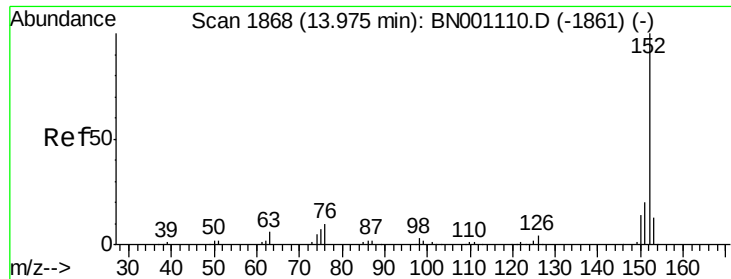
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 1.646 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

ClientSampleId :

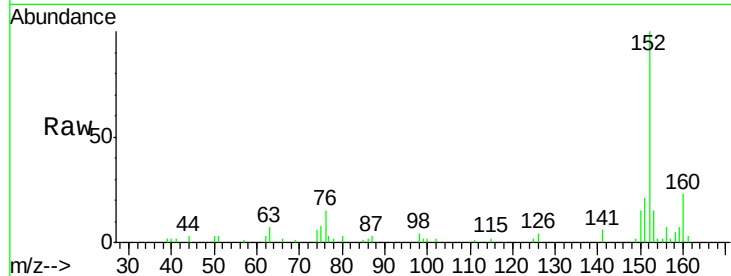
Tot Ion:152 Resp: 36124

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

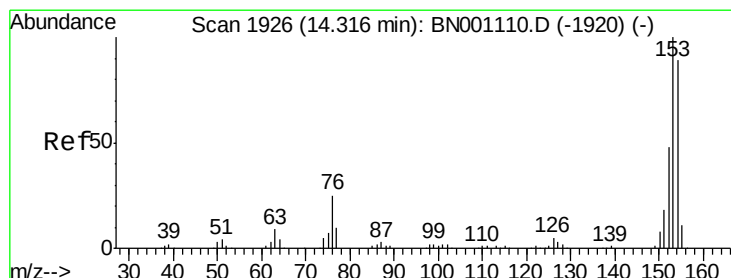
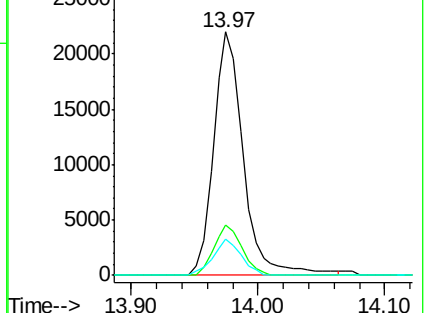
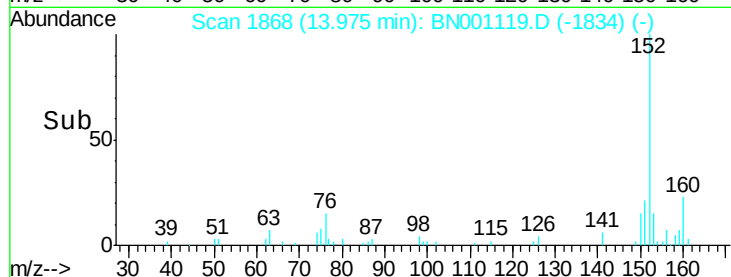
153 14.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Acenaphthene

Concen: 2.364 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

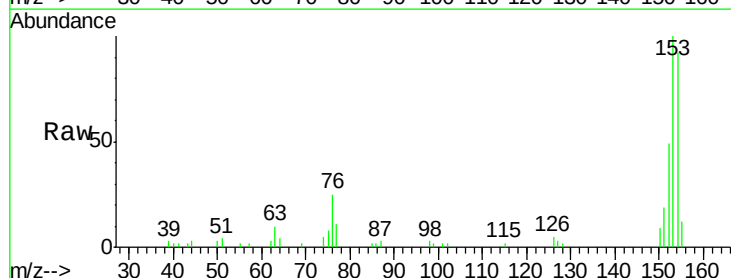
Tgt Ion:153 Resp: 35850

Ion Ratio Lower Upper

153 100

152 48.6 39.0 58.6

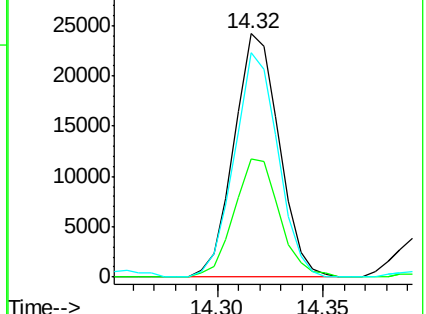
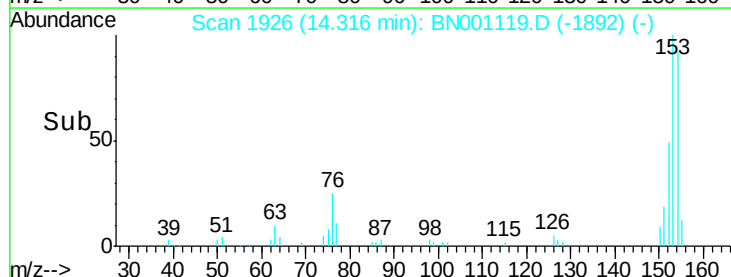
154 92.0 66.8 100.2

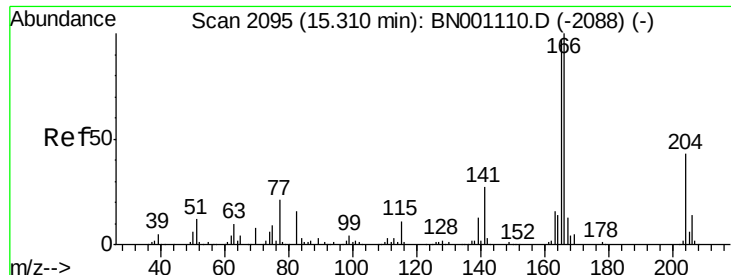


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 3.936 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

ClientSampleId :

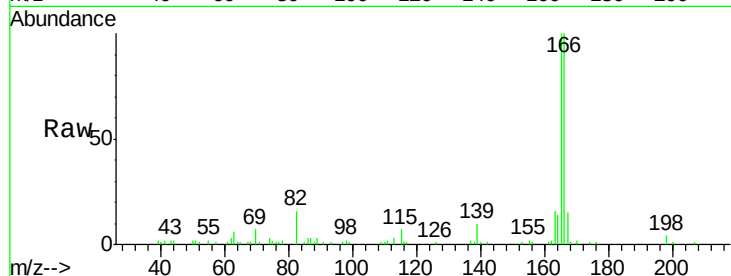
Tot Ion:166 Resp: 63535

Ion Ratio Lower Upper

166 100

165 100.3 83.8 125.8

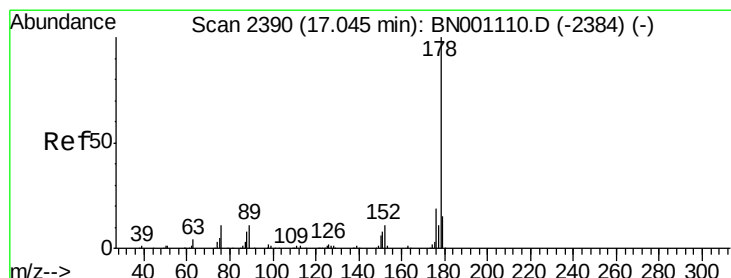
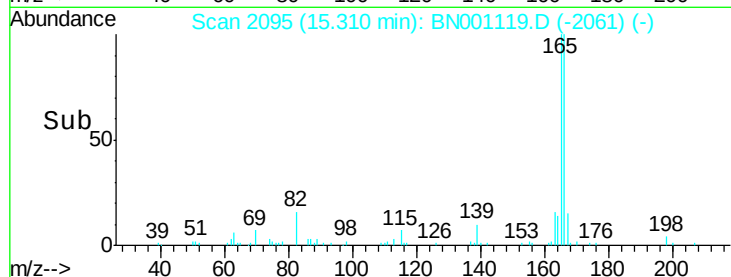
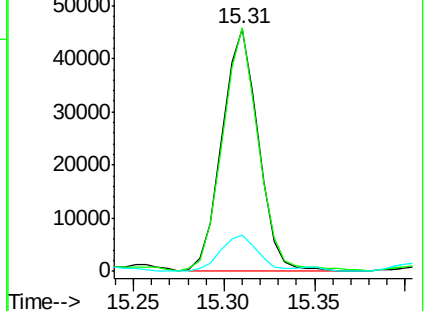
167 14.7 11.5 17.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Phenanthrene

Concen: 55.024 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

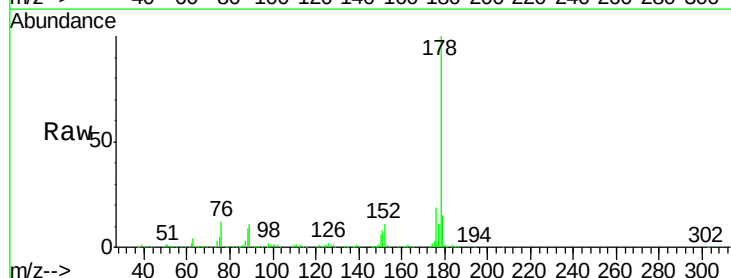
Tgt Ion:178 Resp: 1214771

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

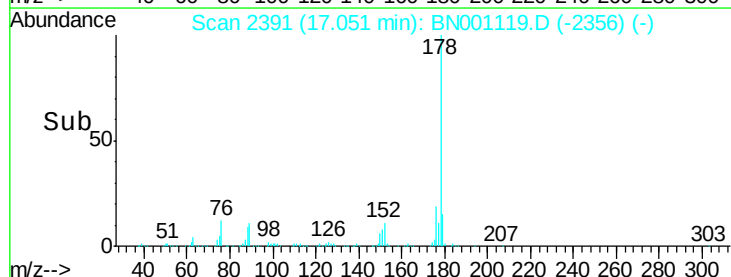
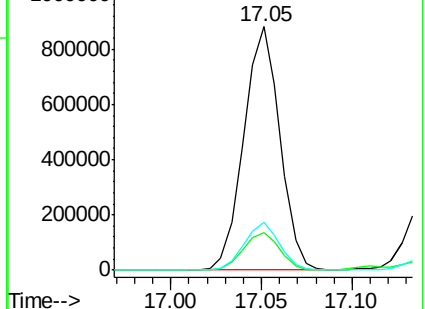
176 19.5 15.1 22.7

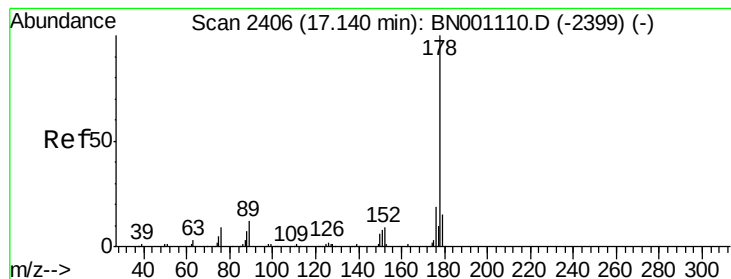


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 15.078 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

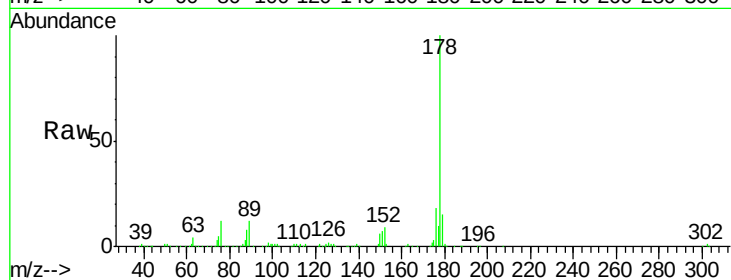
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 333875

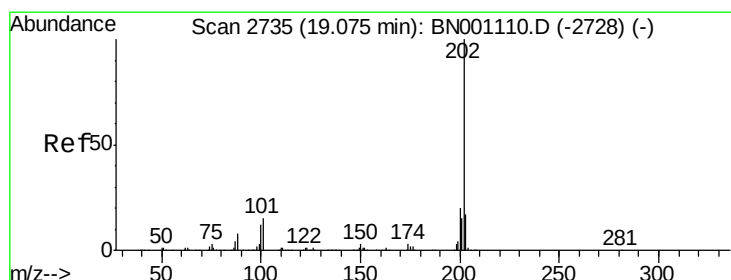
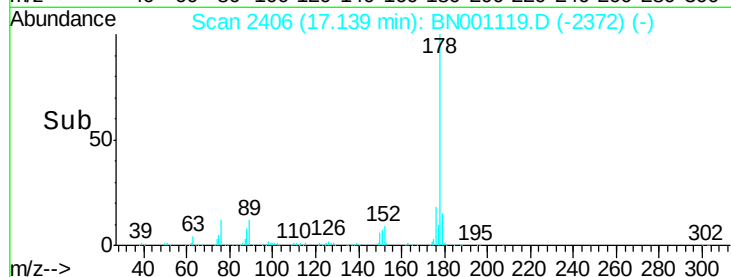
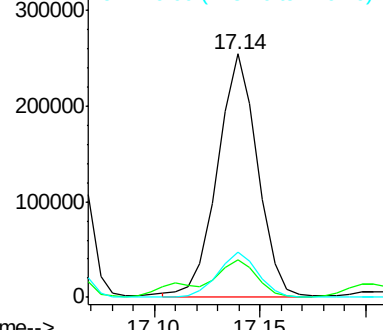
Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.3	15.2	22.8



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: 87.815 ng/ul

RT: 19.08 min Scan# 2736

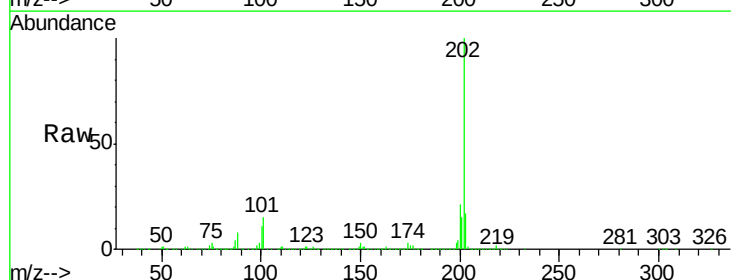
Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Tgt Ion:202 Resp: 1966952

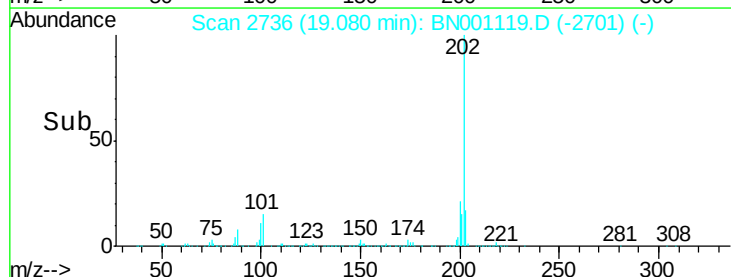
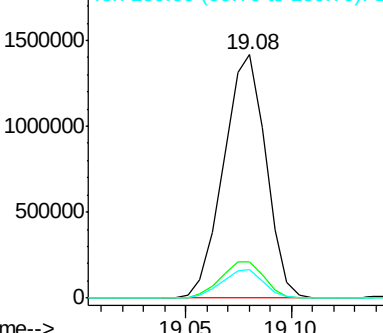
Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.5	7.4	11.0#

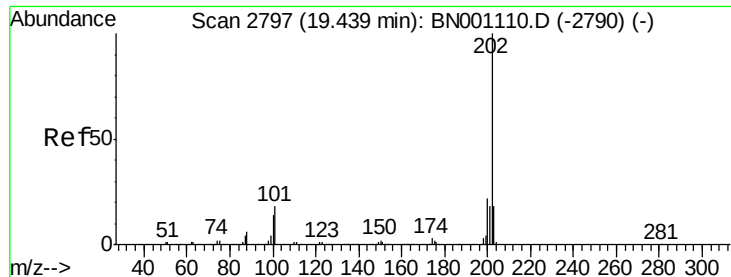


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 61.441 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

ClientSampled :

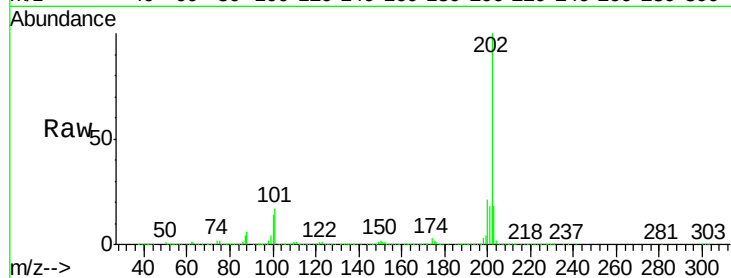
Tot Ion:202 Resp: 1440039

Ion Ratio Lower Upper

202 100

101 17.2 11.0 16.4#

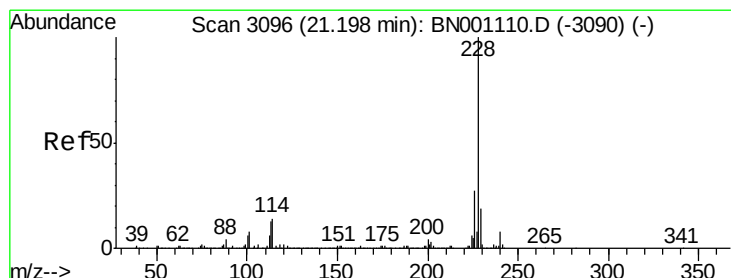
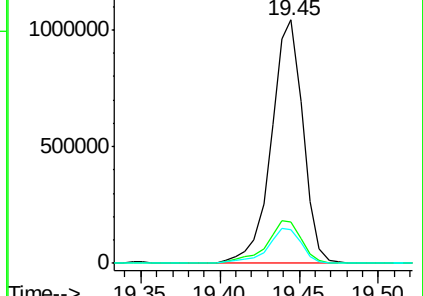
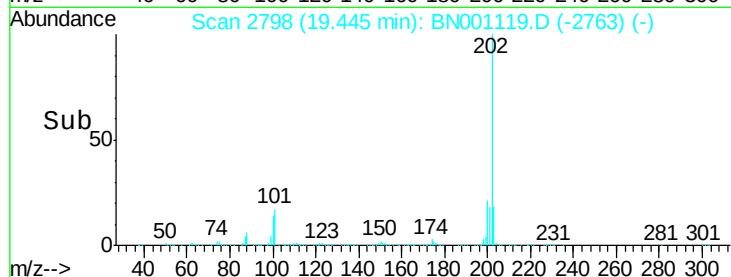
100 14.0 8.1 12.1#



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: 37.741 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

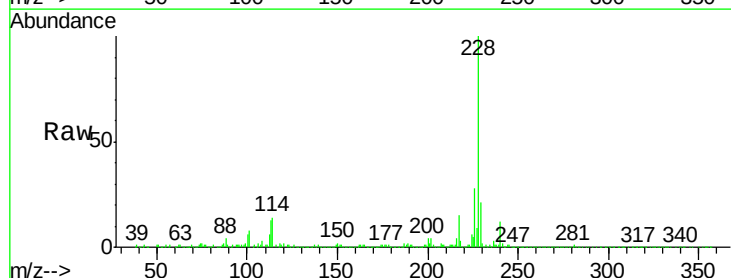
Tgt Ion:228 Resp: 823212

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

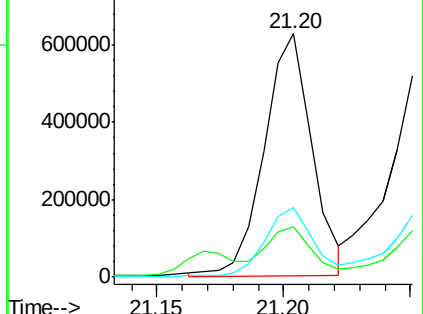
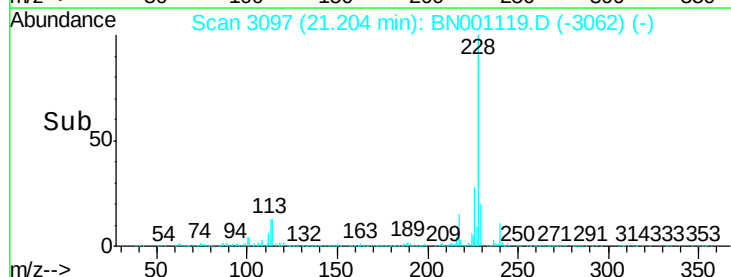
226 28.4 21.1 31.7

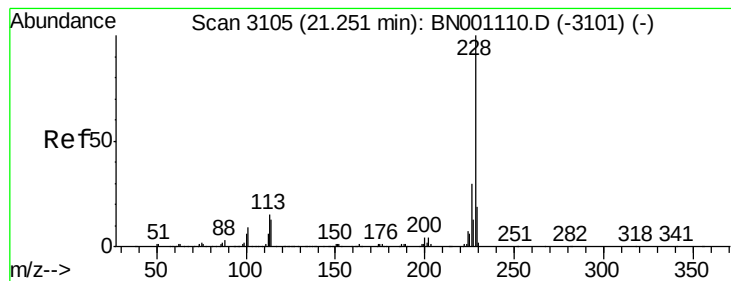


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 35.972 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

ClientSampleId :

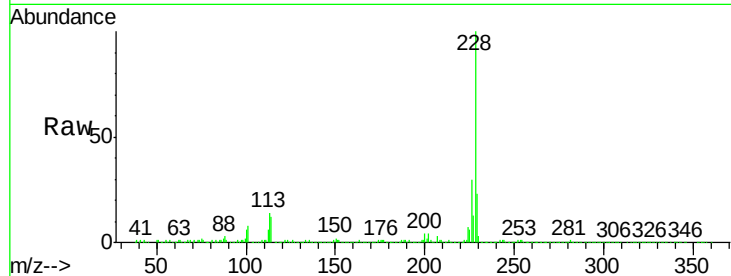
Tot Ion:228 Resp: 737475

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

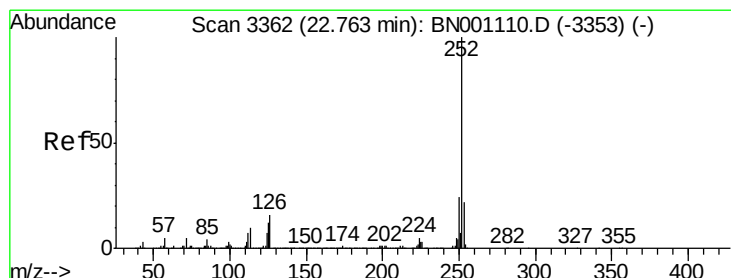
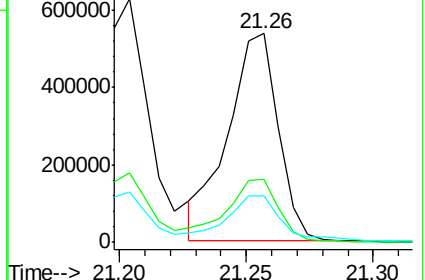
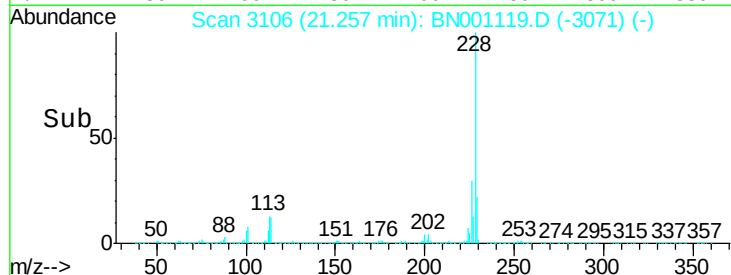
229 22.5 15.8 23.8



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: 46.955 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

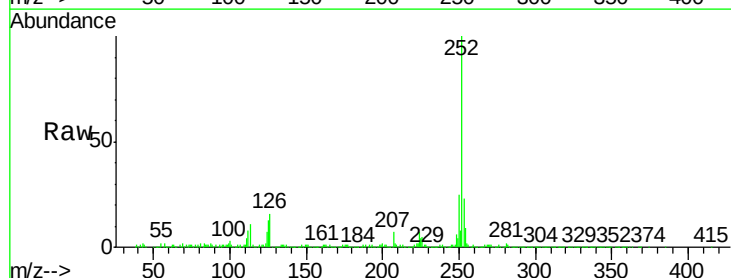
Tgt Ion:252 Resp: 1112872

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

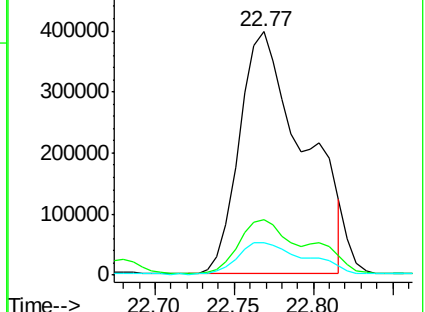
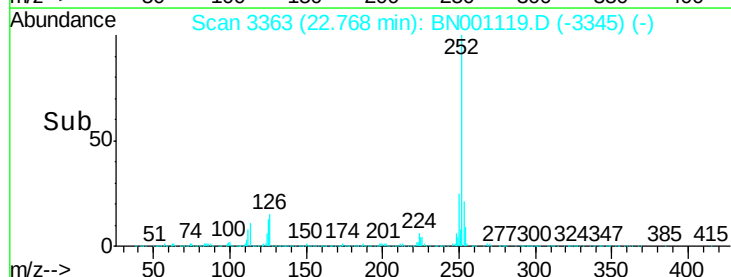
125 13.4 8.0 12.0#

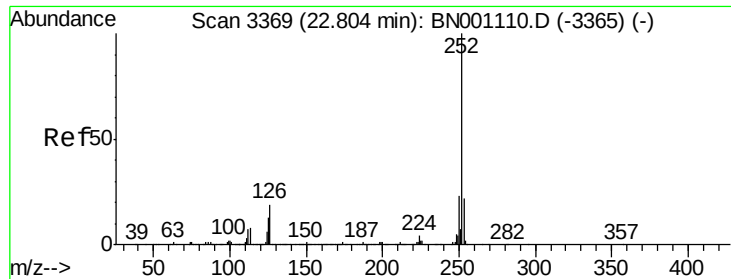


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 49.042 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

ClientSampleId :

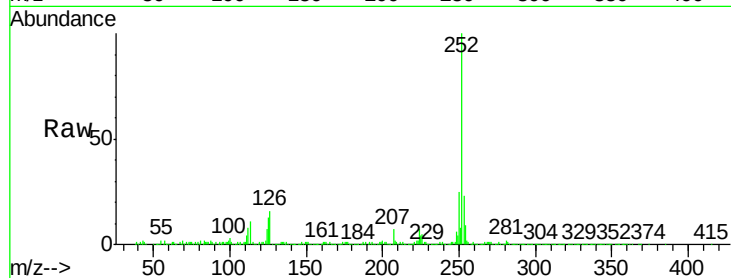
Tot Ion:252 Resp: 1137369

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

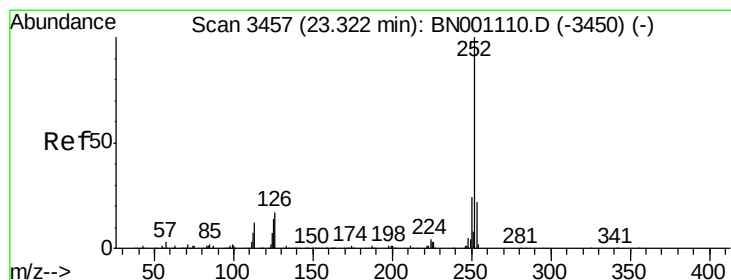
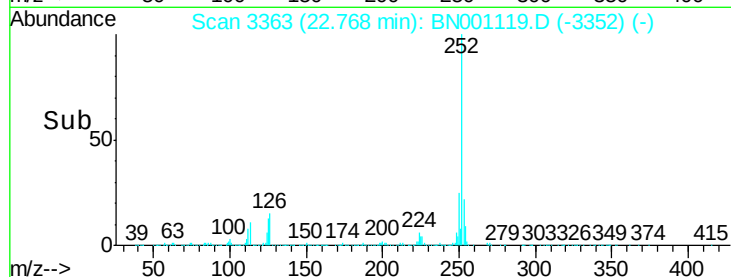
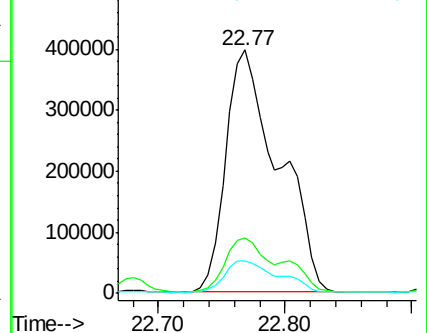
125 13.4 8.1 12.1#



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: 22.848 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

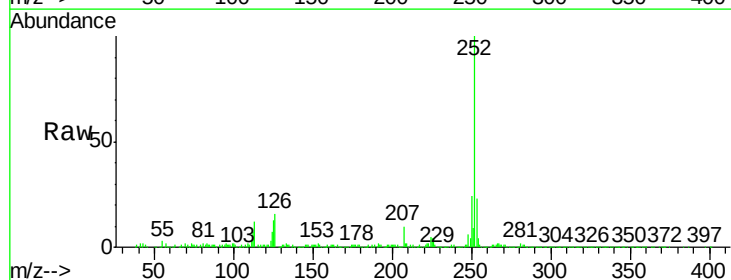
Tgt Ion:252 Resp: 517517

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

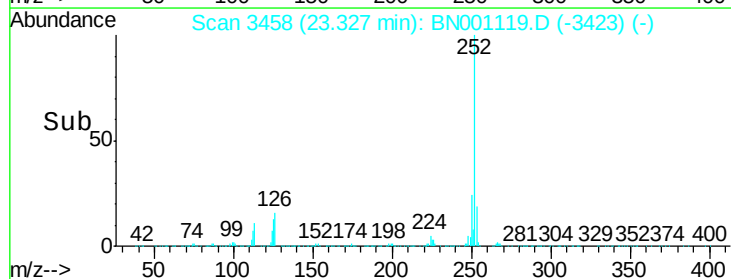
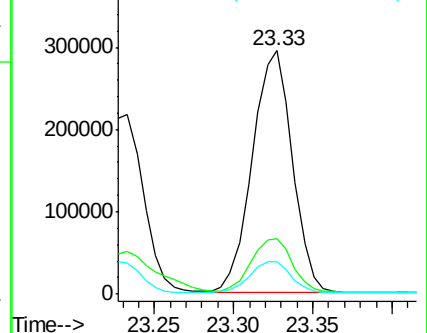
125 13.3 8.2 12.4#

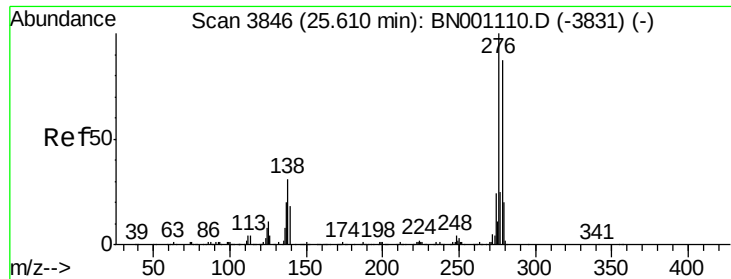


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

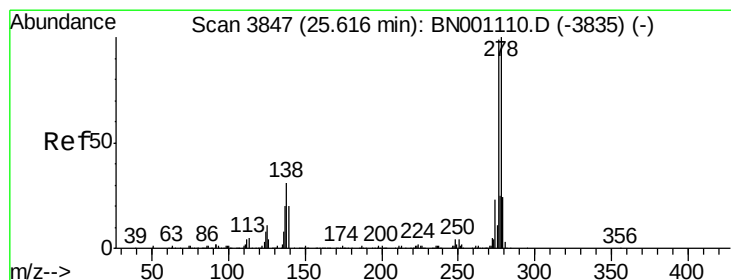
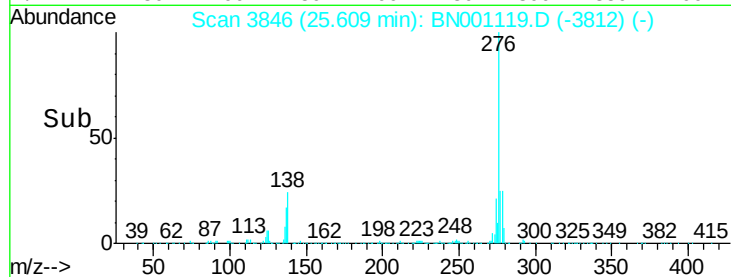
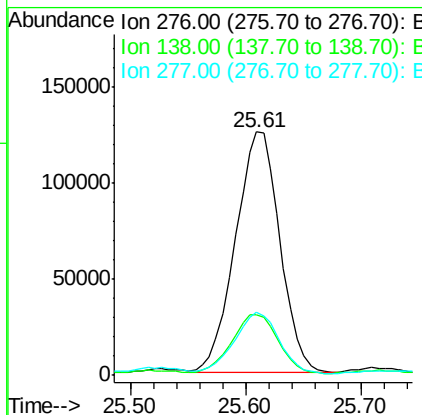
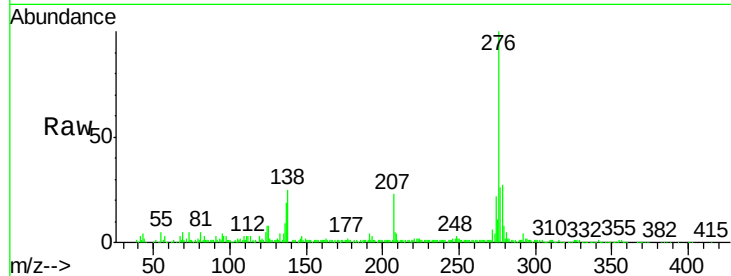




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 12.279 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. -0.00 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

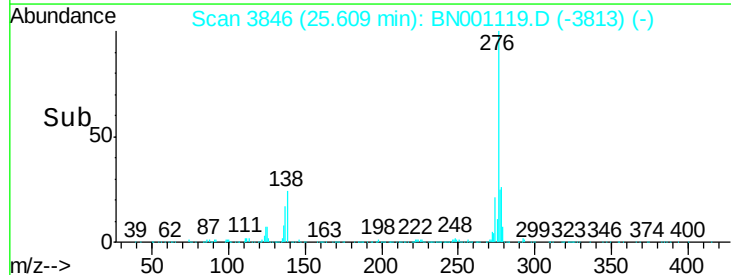
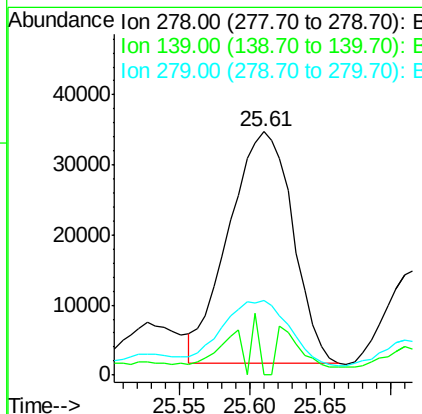
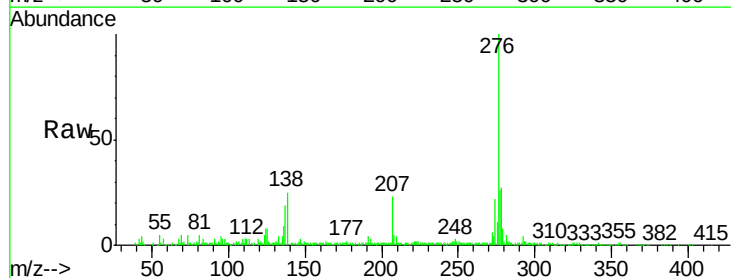
Instrument :
 BNA_N
 ClientSampleId :

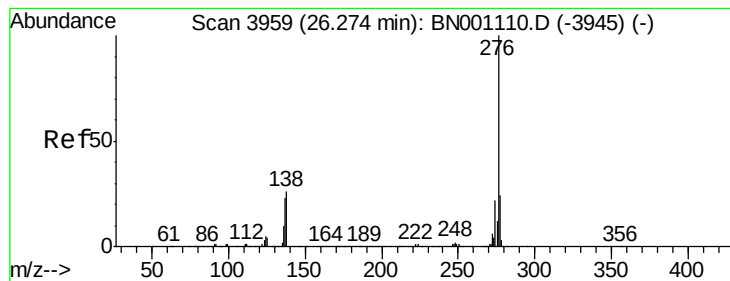
Tot Ion:276 Resp: 335917
 Ion Ratio Lower Upper
 276 100
 138 24.7 14.4 21.6#
 277 25.9 18.0 27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 4.581 ng/ul
 RT: 25.61 min Scan# 3846
 Delta R.T. -0.01 min
 Lab File: BN001119.D
 Acq: 03 May 2018 22:07

Tgt Ion:278 Resp: 104448
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.2 18.4#
 279 30.7 19.2 28.8#





#29

Benzo(a,h,i)perylene

Concen: 13.366 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.01 min

Lab File: BN001119.D

Acq: 03 May 2018 22:07

Instrument :

BNA_N

ClientSampleId :

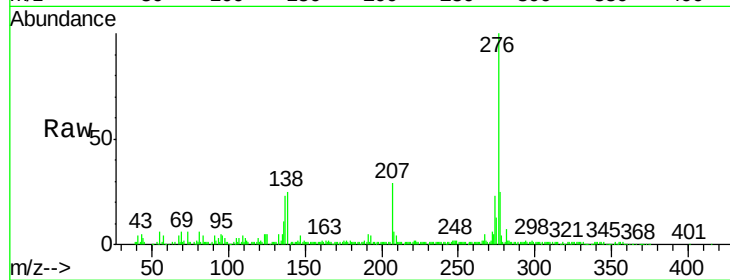
Tot Ion:276 Resp: 305828

Ion Ratio Lower Upper

276 100

138 24.5 15.3 22.9#

277 24.5 19.0 28.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

