

Data File : BN008987.D
Acq On : 14 Dec 2019 03:22
Operator : JU
Sample : K4649-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5169

Quant Time: Dec 16 00:51:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 00:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3695	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	16134	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	10708	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	24603	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	21501	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	19870	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	6639	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	18679	0.25	ng/ul	0.00

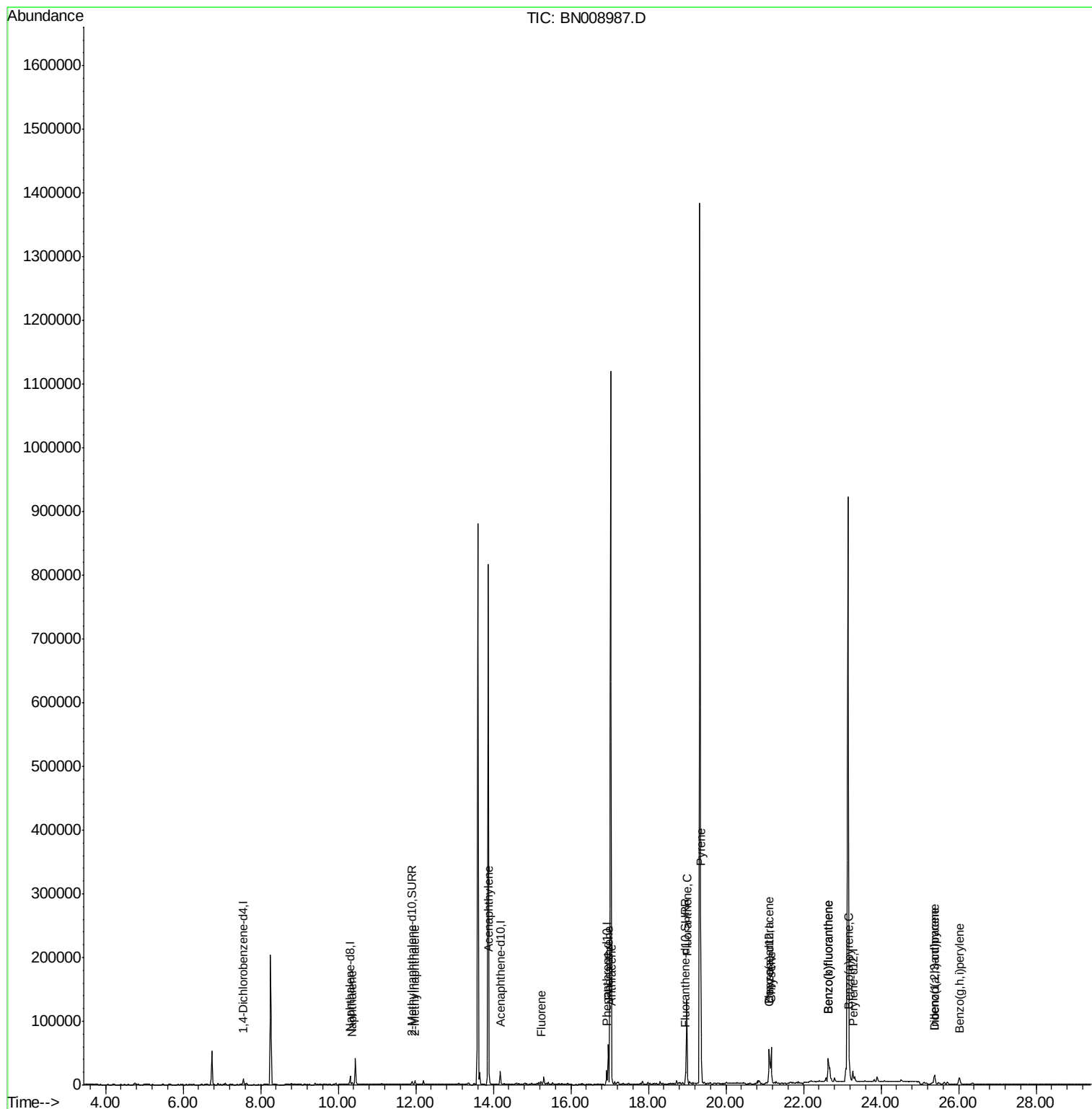
Target Compounds				Qvalue		
3) Naphthalene	10.36	128	5083	0.105	ng/ul	97
5) 2-Methylnaphthalene	11.98	142	4558	0.134	ng/ul	99
7) Acenaphthylene	13.89	152	4831	0.082	ng/ul#	93
9) Fluorene	15.24	166	2246	0.044	ng/ul#	77
12) Phenanthrene	16.97	178	64076	0.772	ng/ul	99
13) Anthracene	17.06	178	7054	0.090	ng/ul#	94
15) Fluoranthene	18.99	202	113008	1.109	ng/ul	99
17) Pyrene	19.35	202	90913	1.054	ng/ul	99
18) Benzo(a)anthracene	21.11	228	40230	0.465	ng/ul#	94
19) Chrysene	21.16	228	60453	0.712	ng/ul#	96
21) Benzo(b)fluoranthene	22.64	252	75632	0.923	ng/ul	99
22) Benzo(k)fluoranthene	22.64	252	75632	0.931	ng/ul	98
23) Benzo(a)pyrene	23.18	252	32626	0.424	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.38	276	19959	0.222	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.38	278	5452	0.075	ng/ul#	73
26) Benzo(g,h,i)perylene	26.02	276	19539	0.260	ng/ul	99

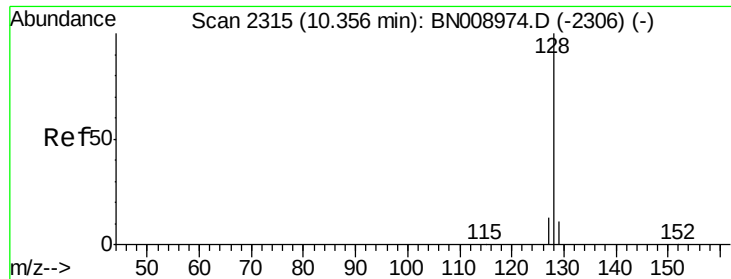
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN008987.D
Acq On : 14 Dec 2019 03:22
Operator : JU
Sample : K4649-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5169

Quant Time: Dec 16 00:51:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 00:48:46 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.105 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

ClientSampleId :

A5169

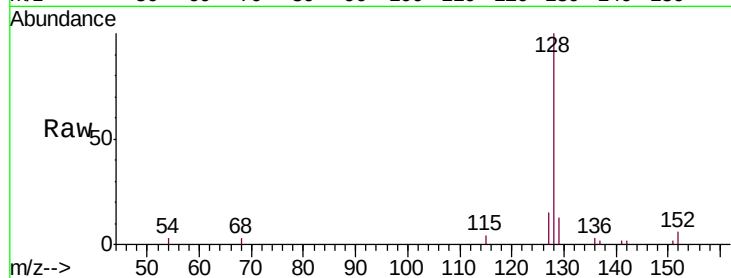
Tgt Ion:128 Resp: 5083

Ion Ratio Lower Upper

128 100

129 12.8 9.1 13.7

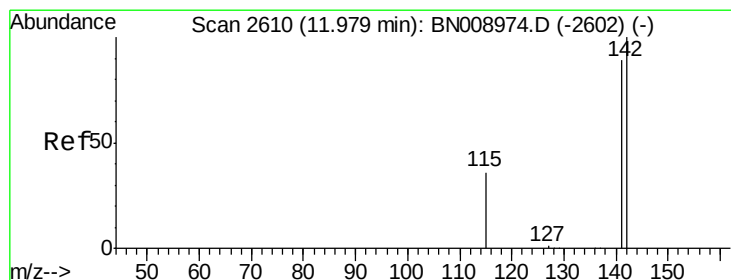
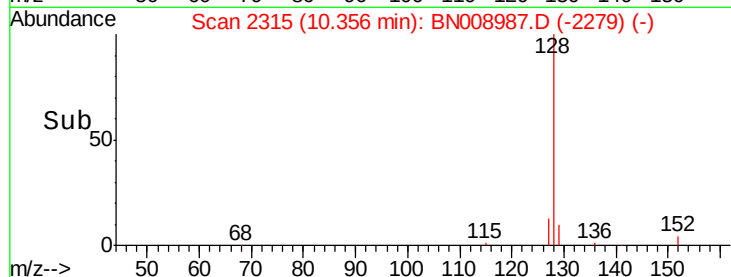
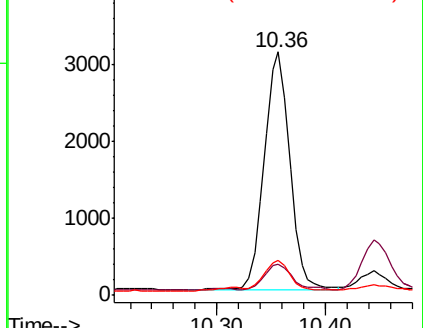
127 14.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.134 ng/ul

RT: 11.98 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BN008987.D

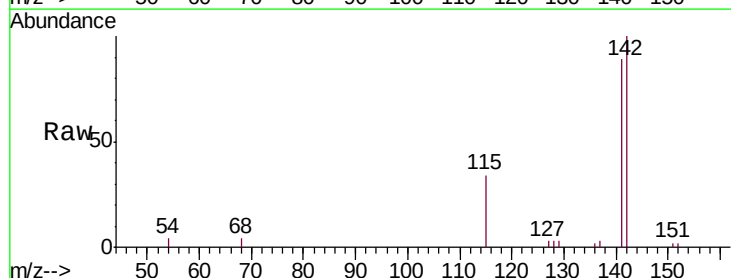
Acq: 14 Dec 2019 03:22

Tgt Ion:142 Resp: 4558

Ion Ratio Lower Upper

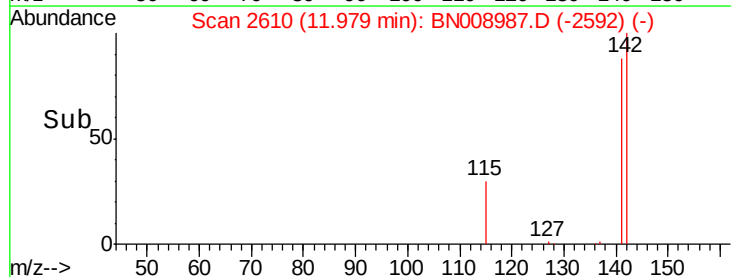
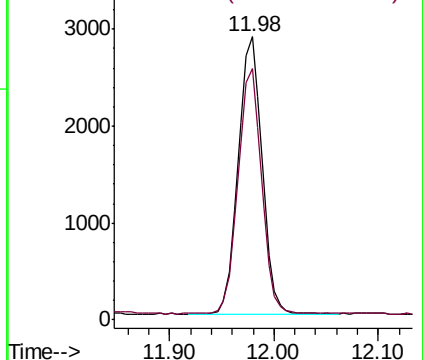
142 100

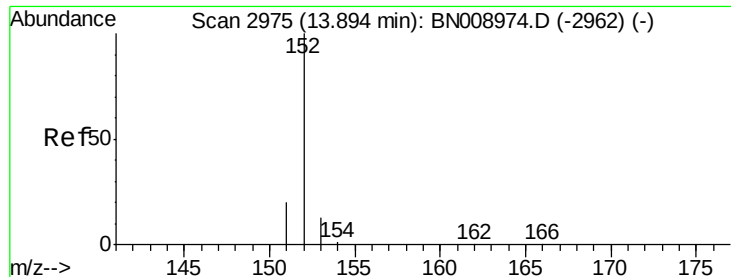
141 87.0 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

ClientSampleId :

A5169

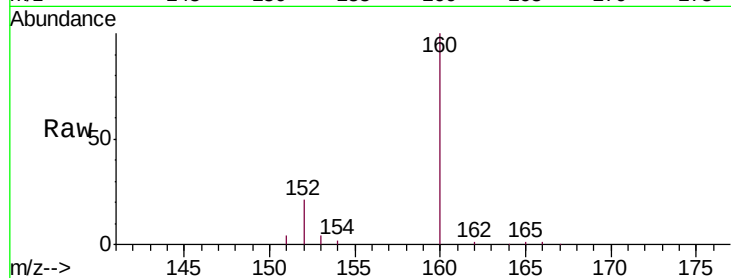
Tgt Ion:152 Resp: 4831

Ion Ratio Lower Upper

152 100

151 21.5 15.8 23.6

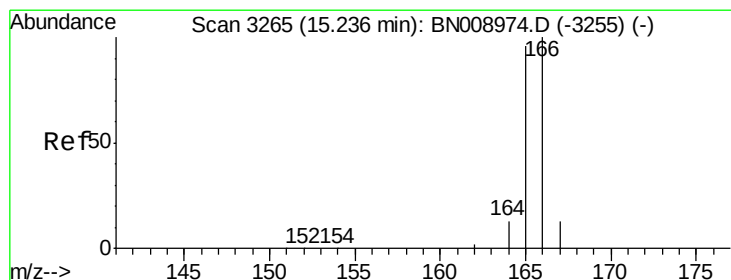
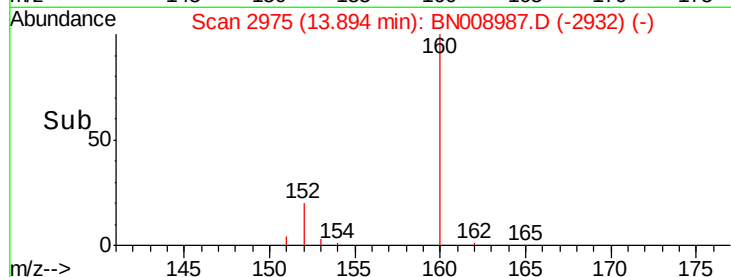
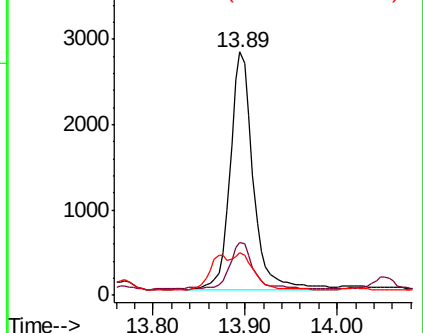
153 17.3 10.6 15.8#



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

Fluorene

Concen: 0.044 ng/ul

RT: 15.24 min Scan# 3265

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

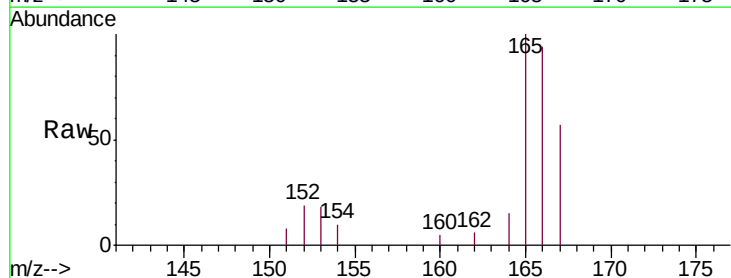
Tgt Ion:166 Resp: 2246

Ion Ratio Lower Upper

166 100

165 106.3 77.7 116.5

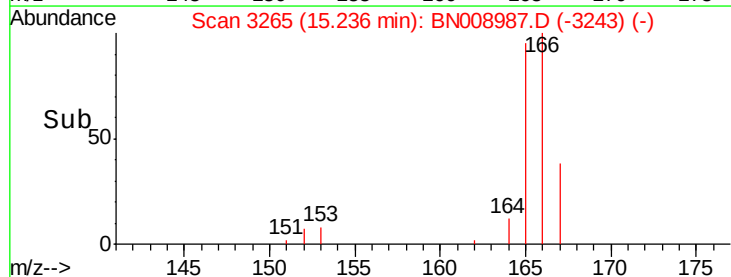
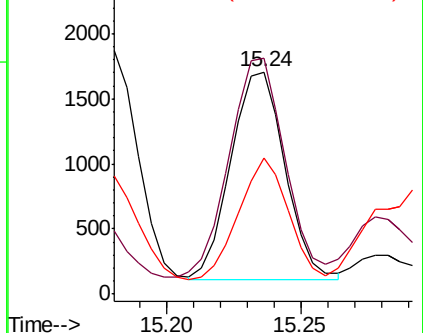
167 61.1 11.1 16.7#

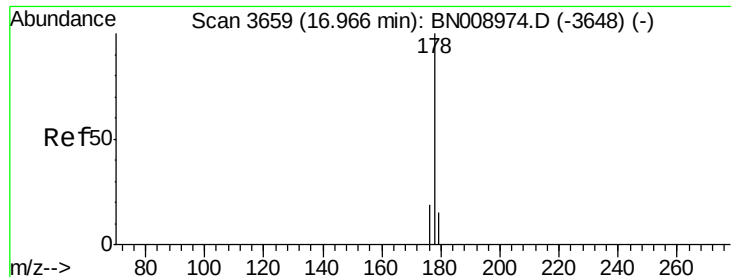


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.772 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

ClientSampleId :

A5169

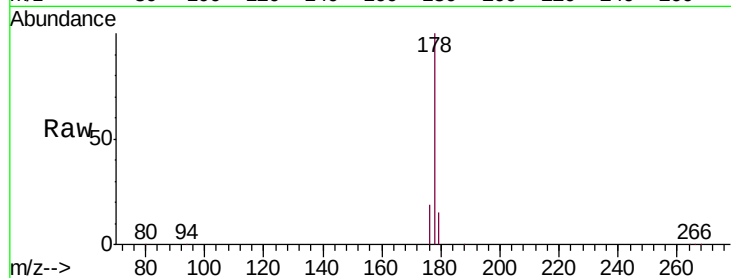
Tgt Ion:178 Resp: 64076

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

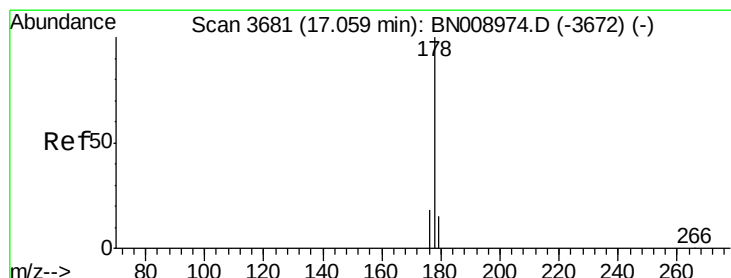
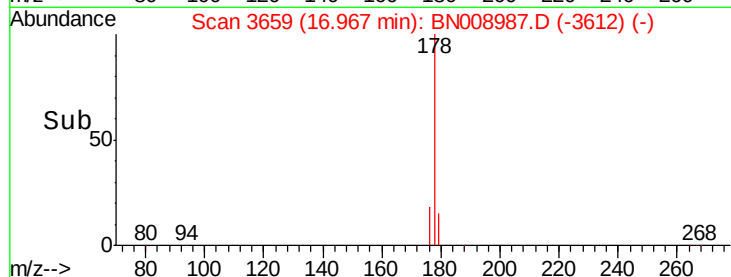
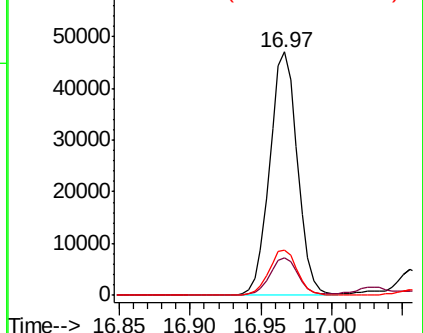
176 18.5 15.3 22.9



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



#13

Anthracene

Concen: 0.090 ng/ul

RT: 17.06 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

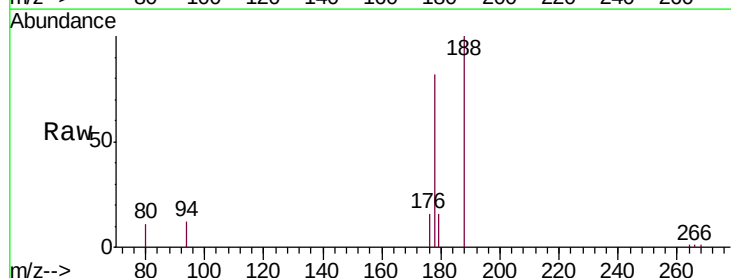
Tgt Ion:178 Resp: 7054

Ion Ratio Lower Upper

178 100

179 19.2 12.2 18.4#

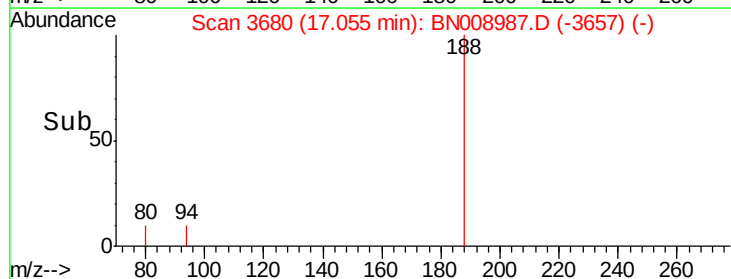
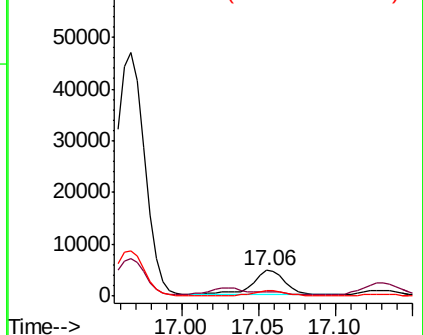
176 19.8 14.7 22.1

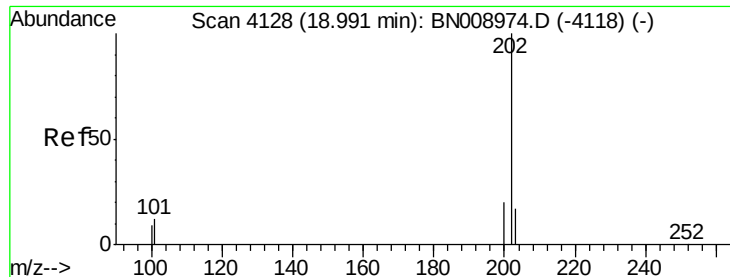


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.109 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

ClientSampled :

A5169

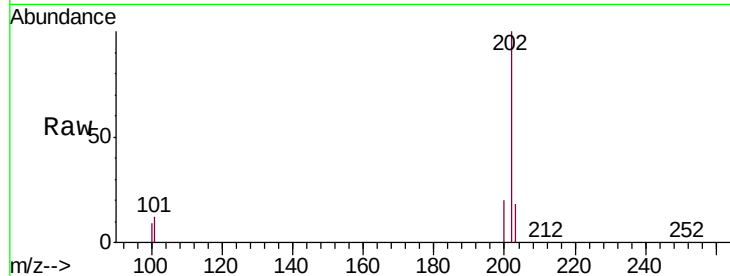
Tgt Ion:202 Resp: 113008

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.4

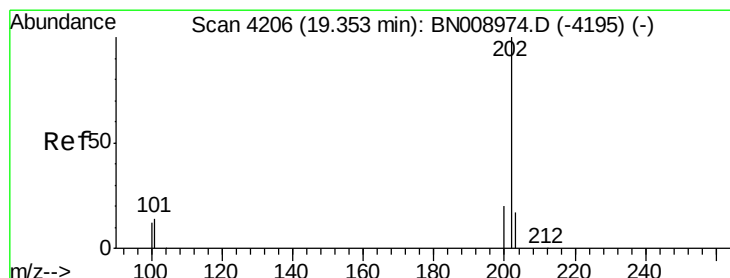
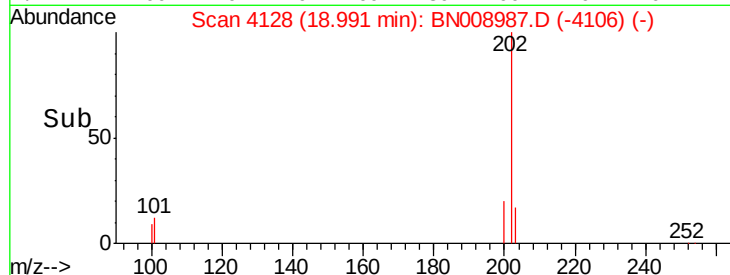
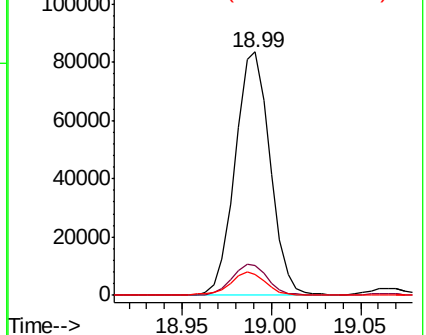
100 8.7 0.0 29.2



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



#17

Pyrene

Concen: 1.054 ng/ul

RT: 19.35 min Scan# 4206

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

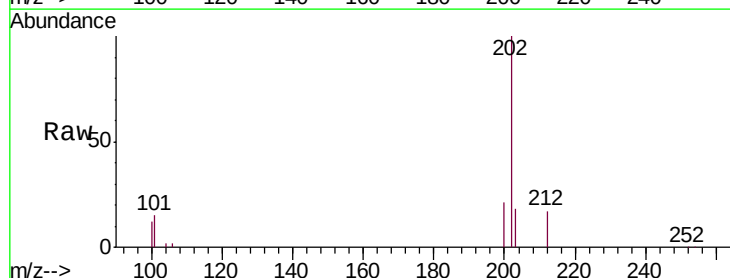
Tgt Ion:202 Resp: 90913

Ion Ratio Lower Upper

202 100

101 14.7 12.2 18.4

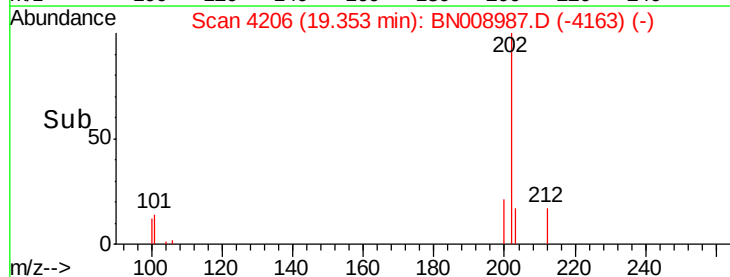
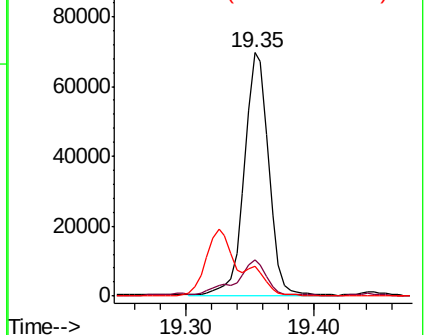
100 12.1 9.5 14.3

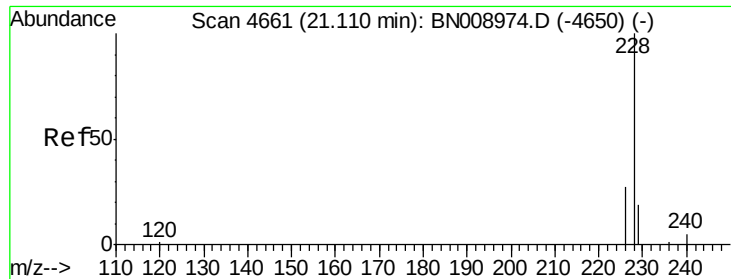


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.465 ng/ul

RT: 21.11 min Scan# 4662

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

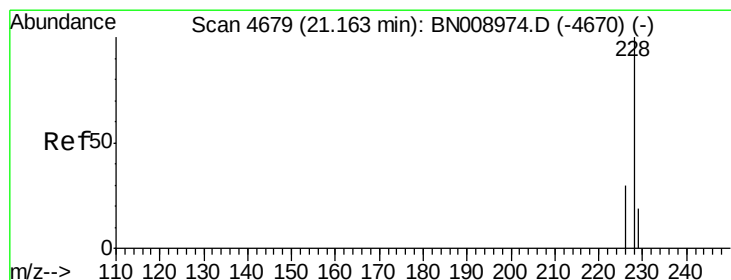
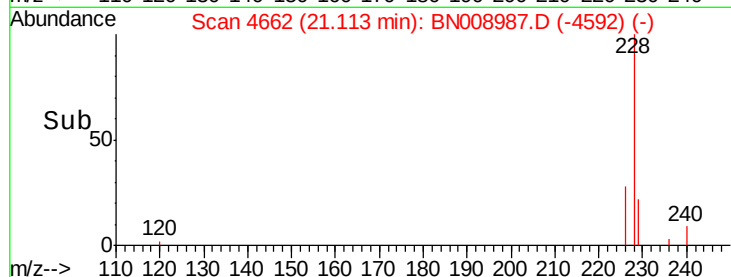
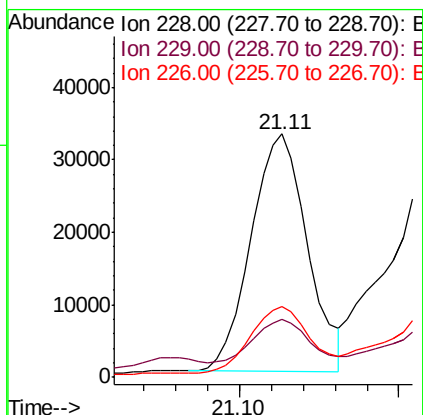
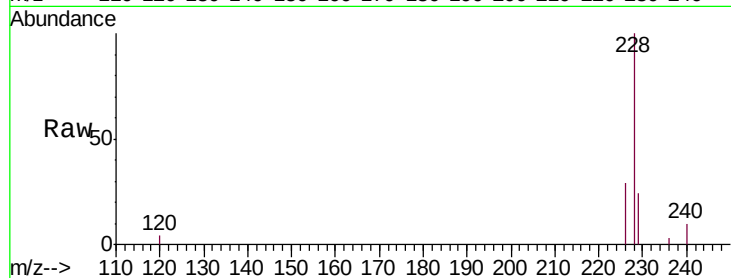
Instrument :

BNA_N

ClientSampleId :

A5169

Tgt Ion:	228	Resp:	40230
Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.7	23.5#
226	29.1	21.5	32.3



#19

Chrysene

Concen: 0.712 ng/ul

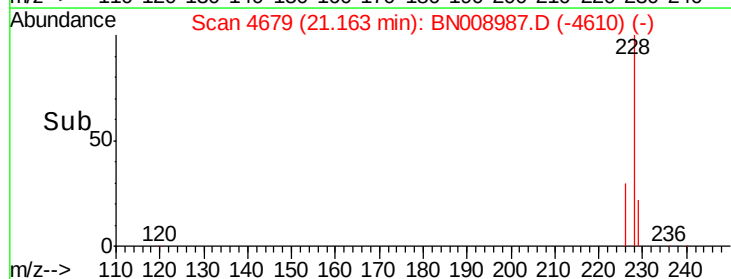
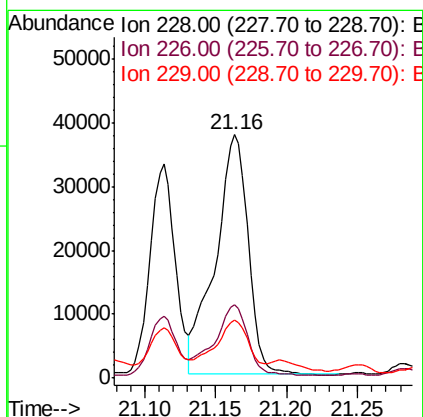
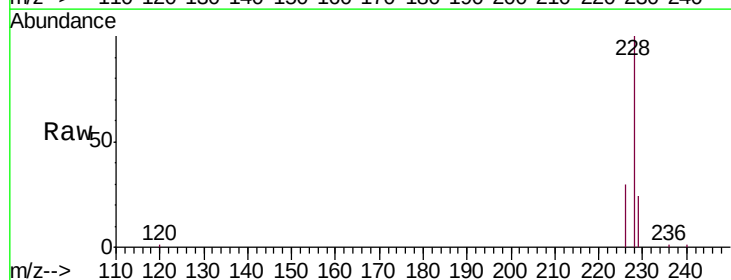
RT: 21.16 min Scan# 4679

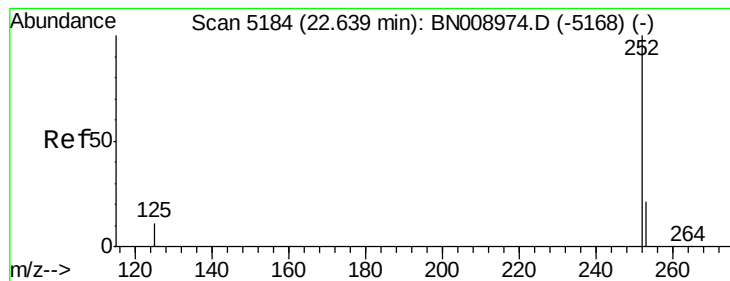
Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Tgt Ion:	228	Resp:	60453
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	23.8	15.6	23.4#





#21

Benzo(b)fluoranthene

Concen: 0.923 ng/ul

RT: 22.64 min Scan# 5184

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

ClientSampleId :

A5169

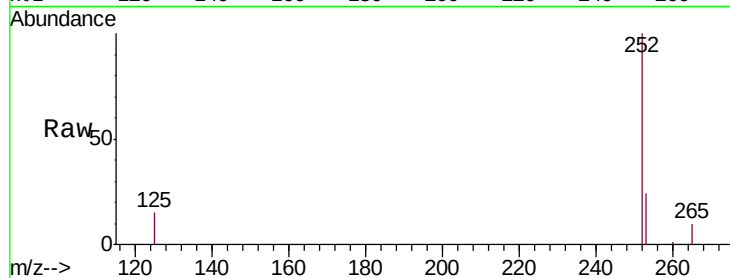
Tgt Ion:252 Resp: 75632

Ion Ratio Lower Upper

252 100

253 24.4 0.0 48.6

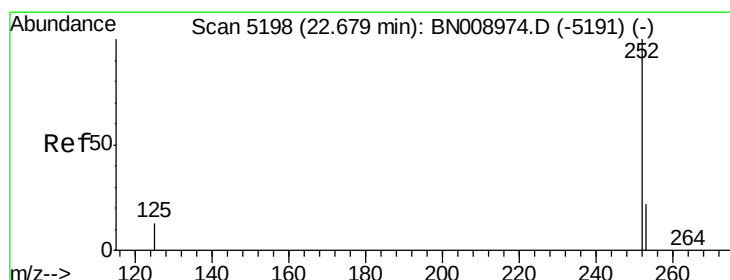
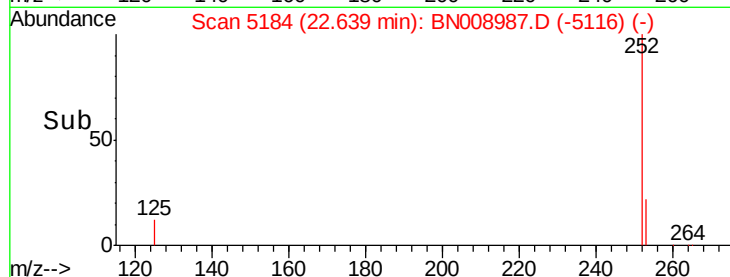
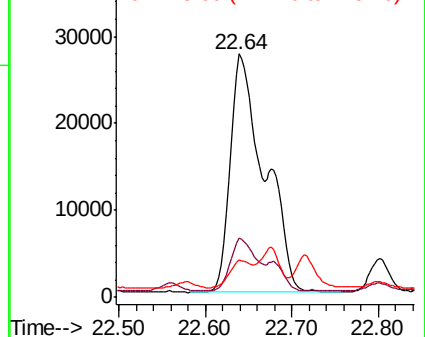
125 15.3 0.0 31.6



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



#22

Benzo(k)fluoranthene

Concen: 0.931 ng/ul

RT: 22.64 min Scan# 5184

Delta R.T. -0.04 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

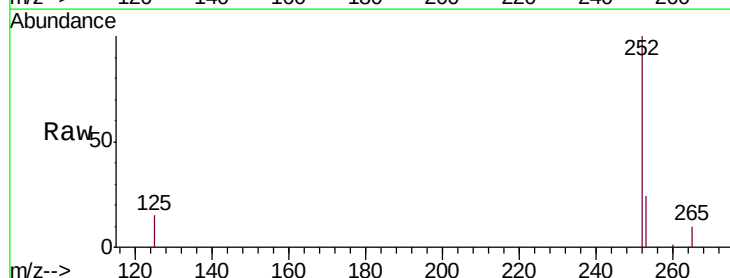
Tgt Ion:252 Resp: 75632

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

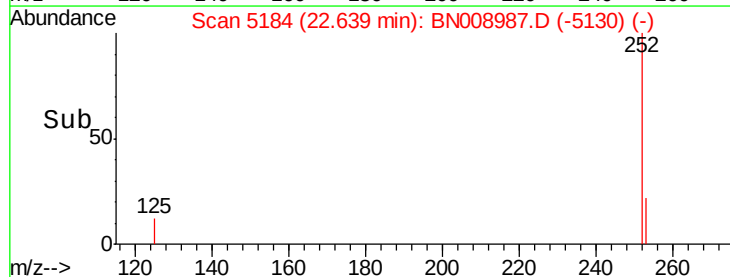
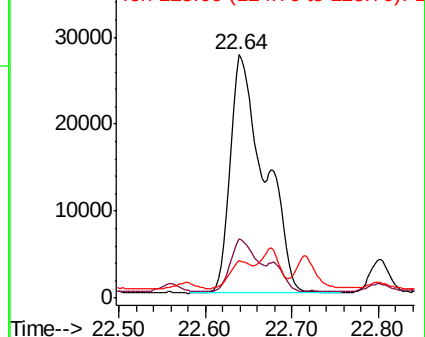
125 15.3 13.8 20.6

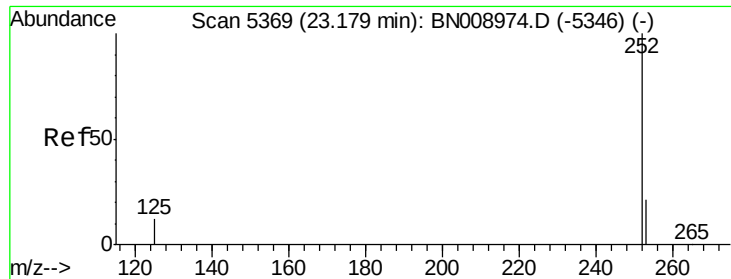


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.424 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

Instrument :

BNA_N

ClientSampleId :

A5169

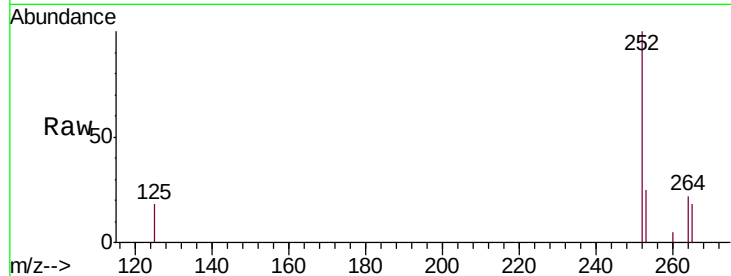
Tgt Ion:252 Resp: 32626

Ion Ratio Lower Upper

252 100

253 25.1 19.9 29.9

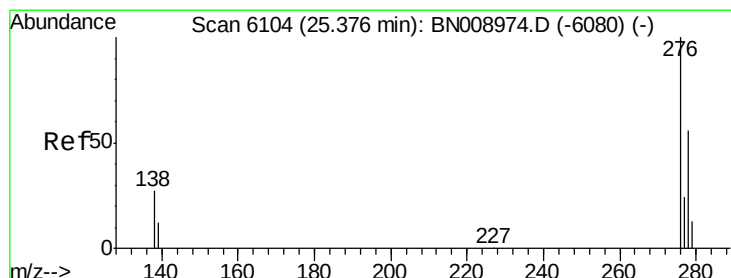
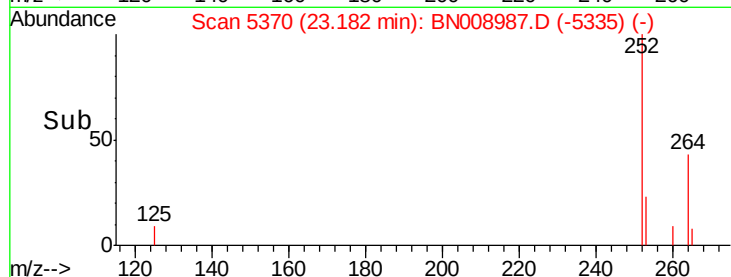
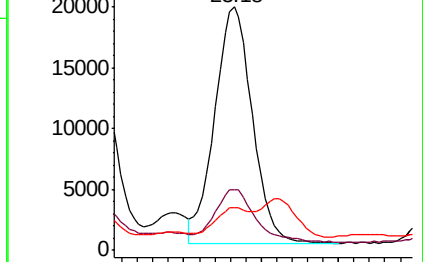
125 17.8 14.6 22.0



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

Indeno(1,2,3-cd)pyrene

Concen: 0.222 ng/ul

RT: 25.38 min Scan# 6105

Delta R.T. 0.00 min

Lab File: BN008987.D

Acq: 14 Dec 2019 03:22

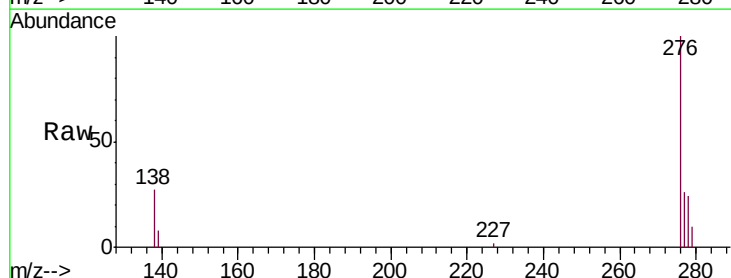
Tgt Ion:276 Resp: 19959

Ion Ratio Lower Upper

276 100

138 26.5 23.8 35.6

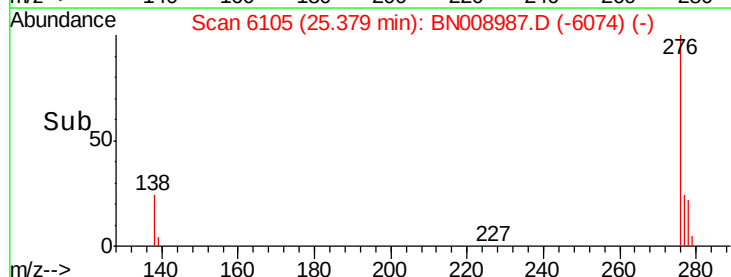
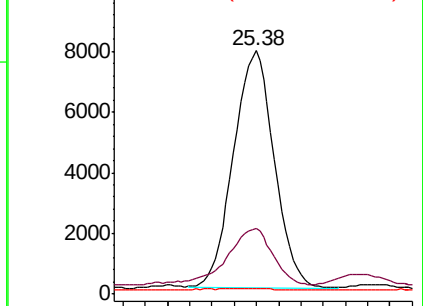
227 0.6 0.2 0.2#

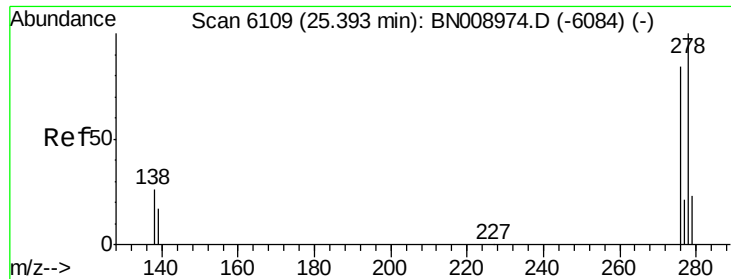


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

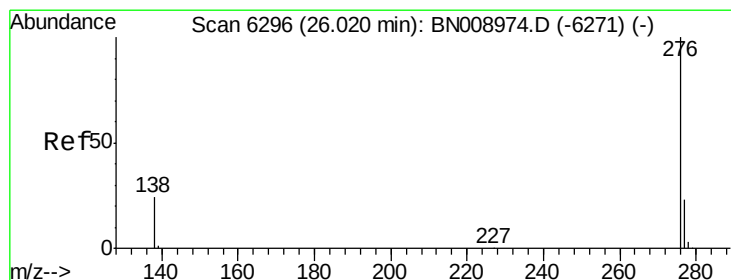
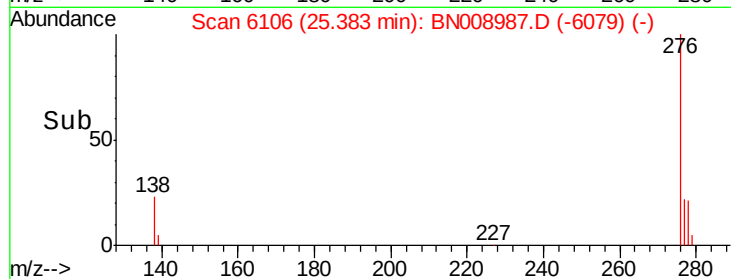
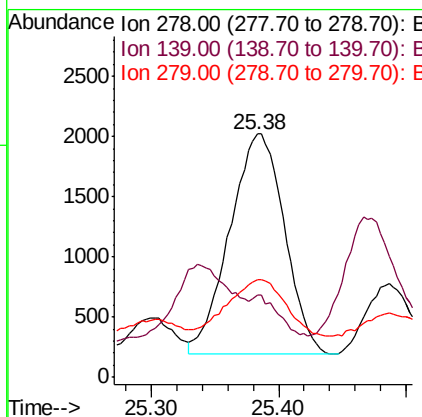
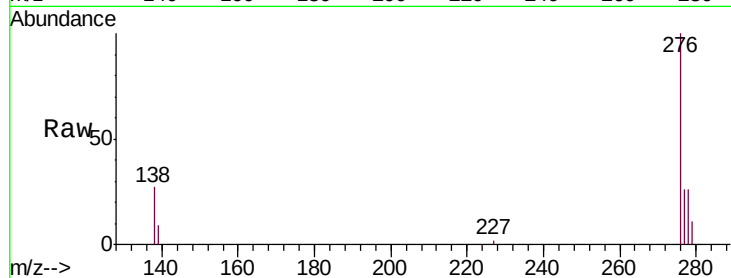




#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.01 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Instrument :
BNA_N
ClientSampleId :
A5169

Tgt Ion: 278 Resp: 5452
Ion Ratio Lower Upper
278 100
139 33.9 17.4 26.0#
279 40.2 20.5 30.7#



#26
Benzo(g,h,i)perylene
Concen: 0.260 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. 0.00 min
Lab File: BN008987.D
Acq: 14 Dec 2019 03:22

Tgt Ion: 276 Resp: 19539
Ion Ratio Lower Upper
276 100
138 26.7 21.9 32.9
277 25.0 19.9 29.9

