

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
 Data File : BN009342.D
 Acq On : 10 Jan 2020 19:39
 Operator : JU
 Sample : PB125091BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 10 23:08:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN011020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 16:45:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	79296	0.40	ng/ul	0.00
2) Naphthalene-d8	10.22	136	284299	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.11	164	163933	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	364958	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	291636	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	313807	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.84	152	2342	0.01	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	5676	0.01	ng/ul	0.00

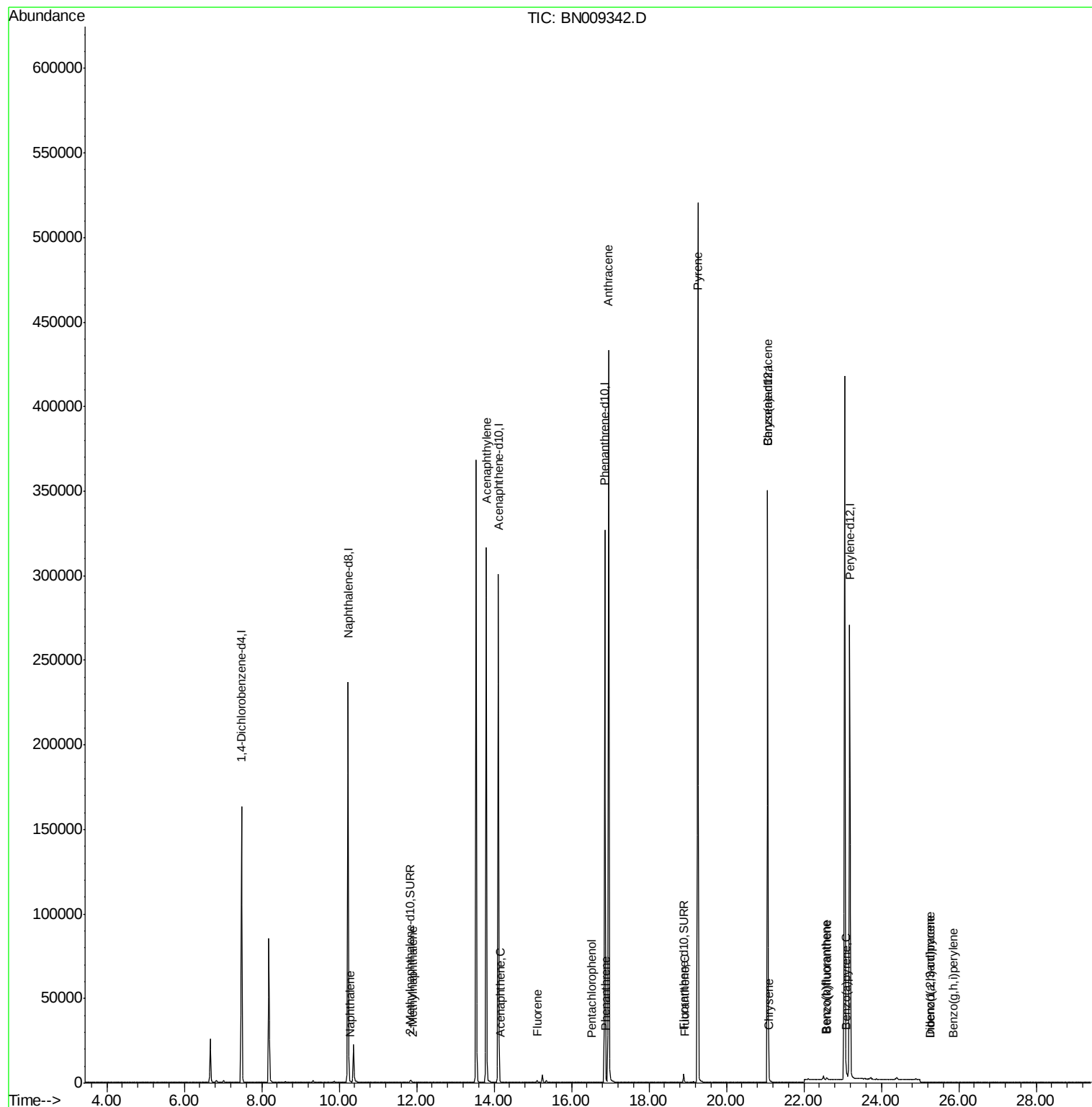
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	24	0.000	ng/ul#	1
5) 2-Methylnaphthalene	11.90	142	4	0.000	ng/ul#	34
7) Acenaphthylene	13.79	152	45	0.000	ng/ul#	1
8) Acenaphthene	14.18	153	7	0.000	ng/ul#	65
9) Fluorene	15.11	166	869	0.001	ng/ul#	17
11) Pentachlorophenol	16.52	266	2	0.000	ng/ul#	36
12) Phenanthrene	16.89	178	21	0.000	ng/ul#	1
13) Anthracene	16.96	178	216	0.000	ng/ul#	1
15) Fluoranthene	18.93	202	45	0.000	ng/ul#	1
17) Pyrene	19.26	202	886	0.001	ng/ul#	1
18) Benzo(a)anthracene	21.06	228	1150	0.001	ng/ul#	68
19) Chrysene	21.10	228	196	0.000	ng/ul#	63
21) Benzo(b)fluoranthene	22.57	252	140	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	22.60	252	199	0.000	ng/ul#	1
23) Benzo(a)pyrene	23.11	252	68	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.26	276	3	0.000	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.26	278	1	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	25.86	276	2	0.000	ng/ul#	1

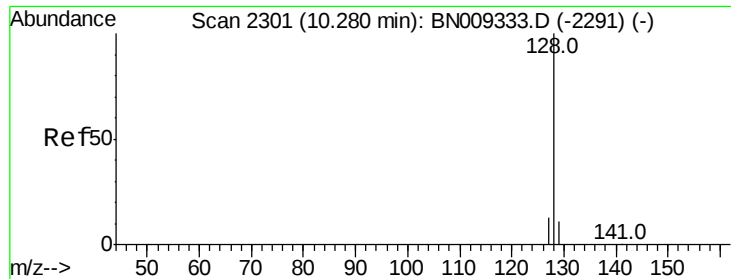
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011020\
Data File : BN009342.D
Acq On : 10 Jan 2020 19:39
Operator : JU
Sample : PB125091BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 10 23:08:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN011020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 16:45:39 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.000 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Instrument :

BNA_N

ClientSampleId :

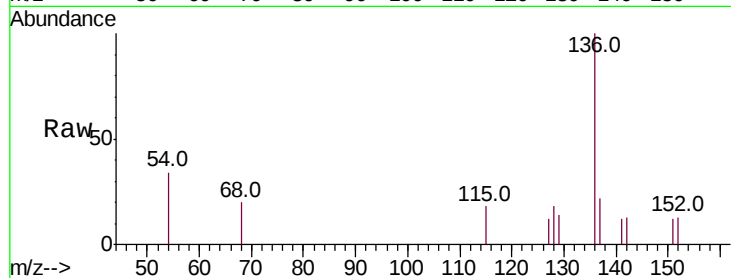
Tot Ion:128 Resp: 24

Ion Ratio Lower Upper

128 100

129 78.3 9.9 14.9#

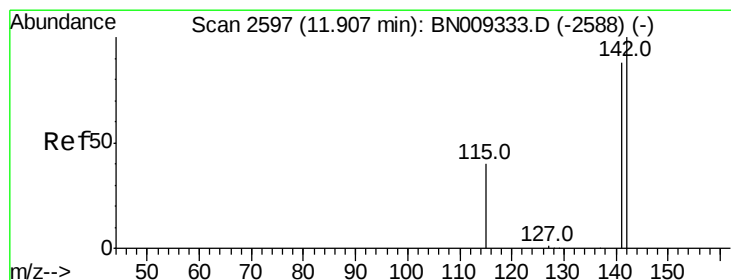
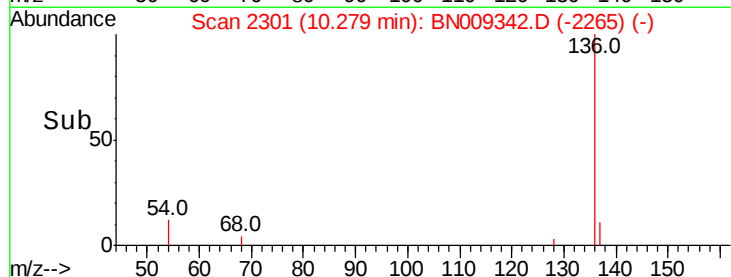
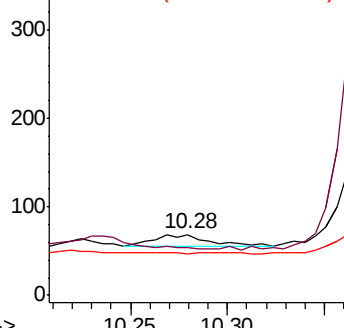
127 68.1 11.3 16.9#



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: 0.000 ng/ul

RT: 11.90 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BN009342.D

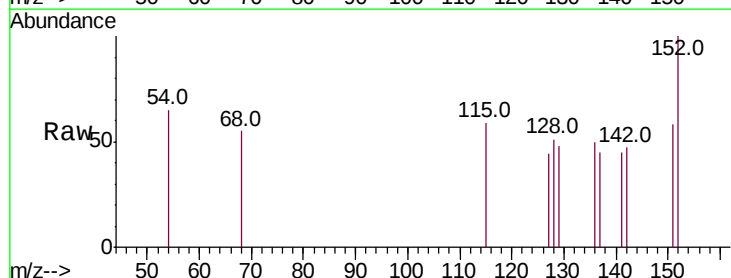
Acq: 10 Jan 2020 19:39

Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

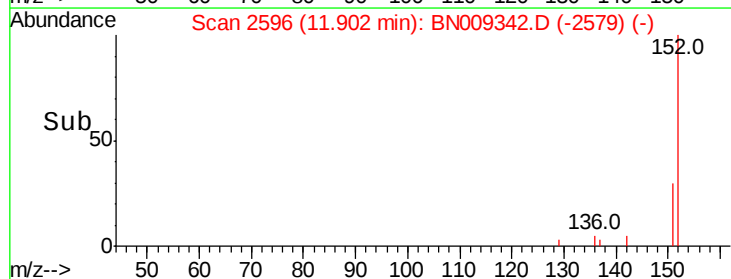
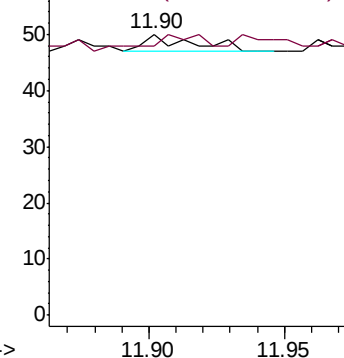
142 100

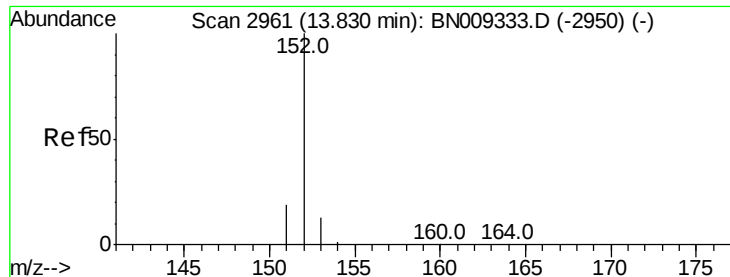
141 150.0 70.6 106.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.000 ng/ul

RT: 13.79 min Scan# 2953

Delta R.T. -0.04 min

Lab File: BN009342.D

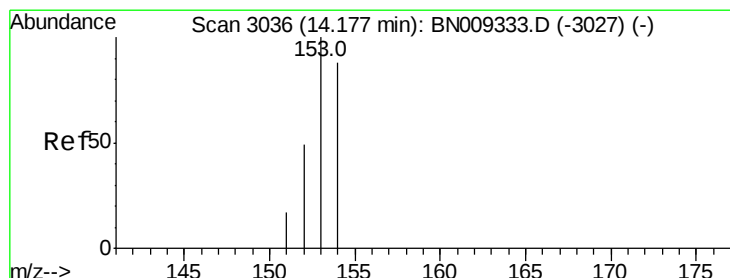
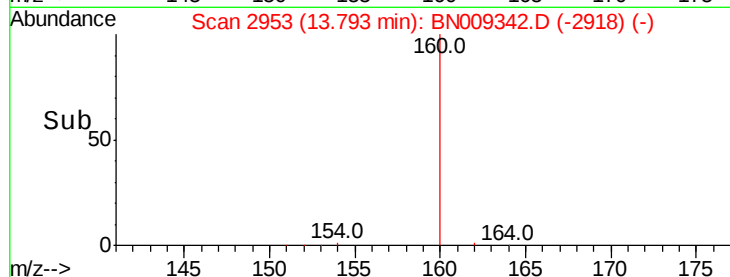
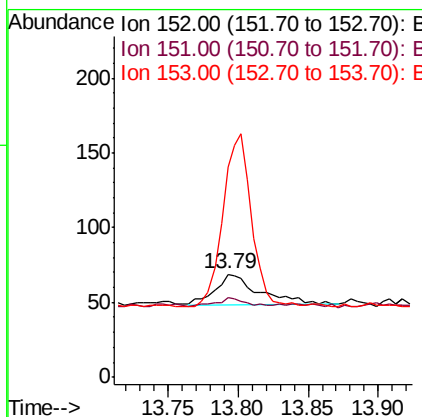
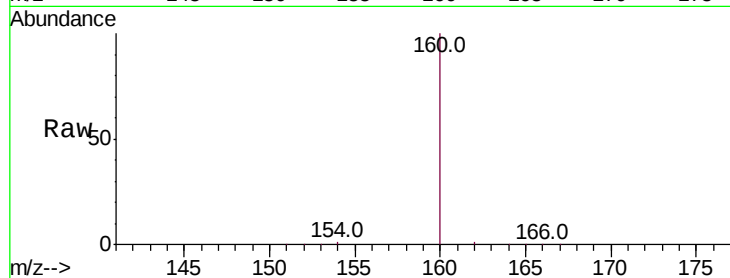
Acq: 10 Jan 2020 19:39

Instrument :

BNA_N

ClientSampled :

Tot Ion:	152	Resp:	45
Ion	Ratio	Lower	Upper
152	100		
151	76.8	16.1	24.1#
153	204.3	11.2	16.8#



#8

Acenaphthene

Concen: 0.000 ng/ul

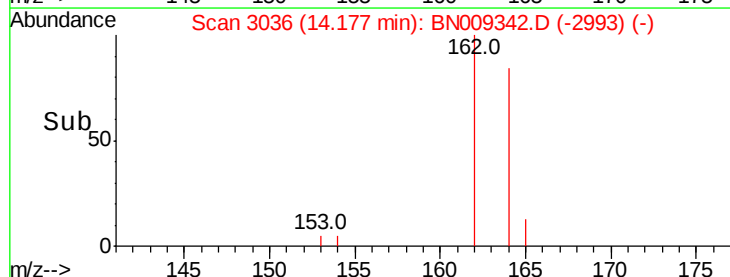
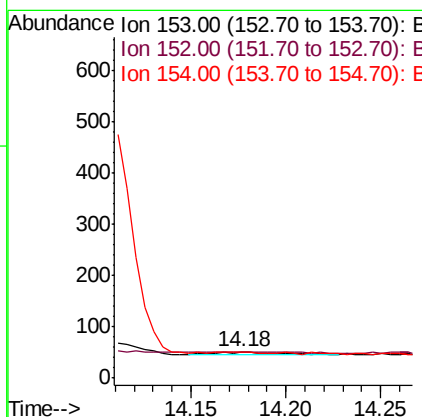
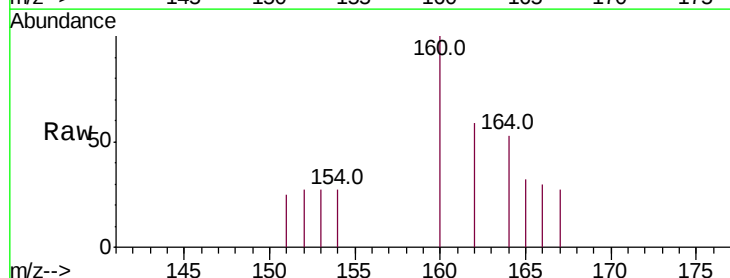
RT: 14.18 min Scan# 3036

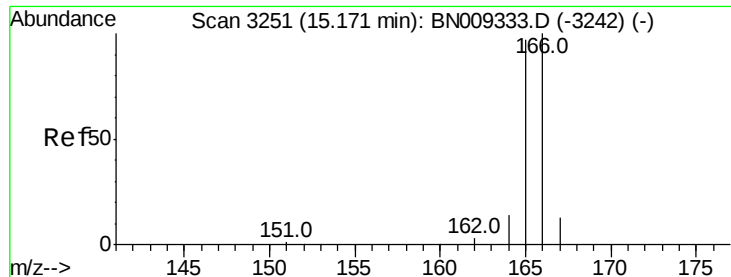
Delta R.T. -0.00 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Tgt Ion:	153	Resp:	7
Ion	Ratio	Lower	Upper
153	100		
152	102.0	39.9	59.9#
154	100.0	70.8	106.2





#9

Fluorene

Concen: 0.001 ng/ul

RT: 15.11 min Scan# 3238

Delta R.T. -0.06 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Instrument :

BNA_N

ClientSampleId :

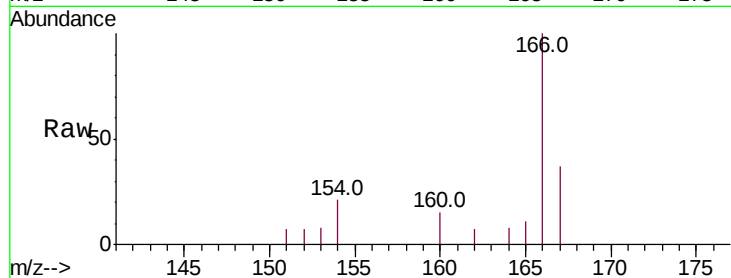
Tot Ion:166 Resp: 869

Ion Ratio Lower Upper

166 100

165 10.7 77.6 116.4#

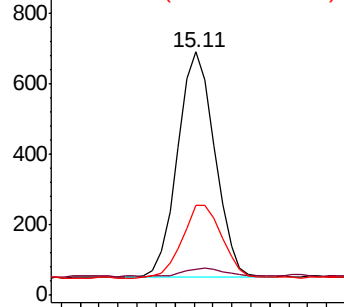
167 36.7 11.8 17.6#



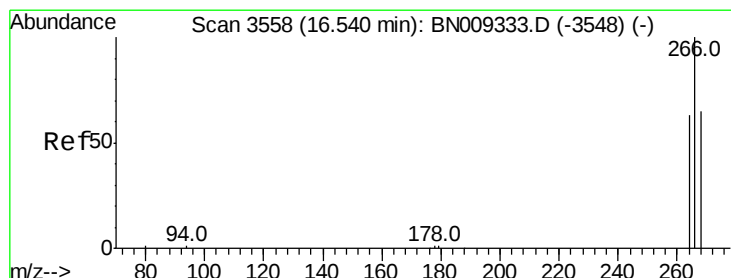
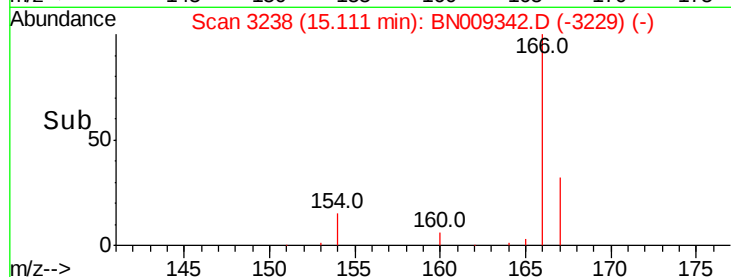
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.52 min Scan# 3554

Delta R.T. -0.02 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

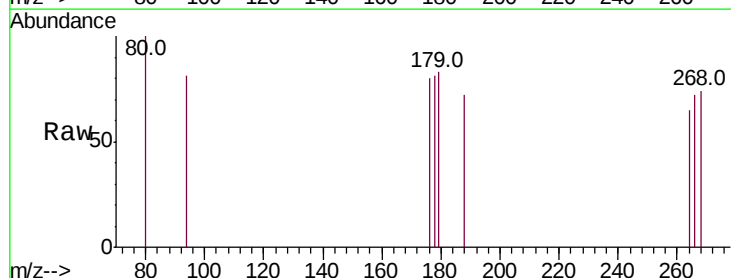
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 49.7 74.5#

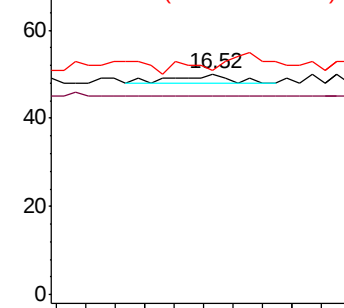
268 100.0 50.6 75.8#



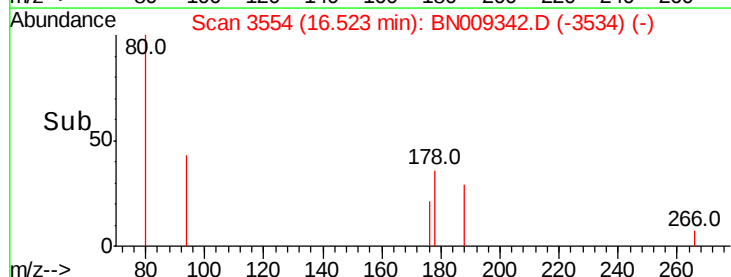
Abundance Ion 266.00 (265.70 to 266.70): E

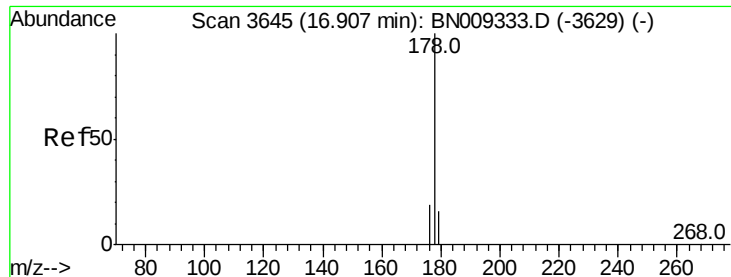
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 16.89 min Scan# 3642

Delta R.T. -0.01 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Instrument :

BNA_N

ClientSampleId :

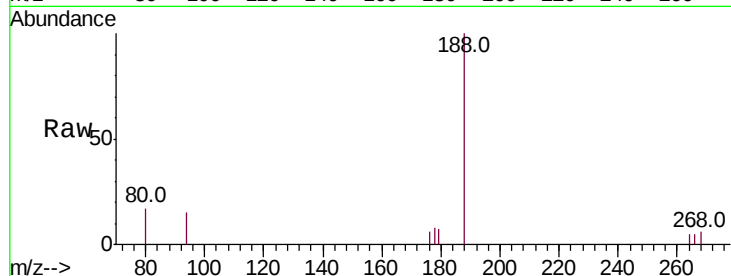
Tot Ion:178 Resp: 21

Ion Ratio Lower Upper

178 100

179 86.8 13.4 20.0#

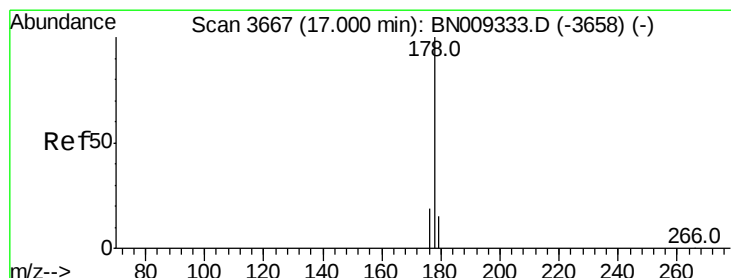
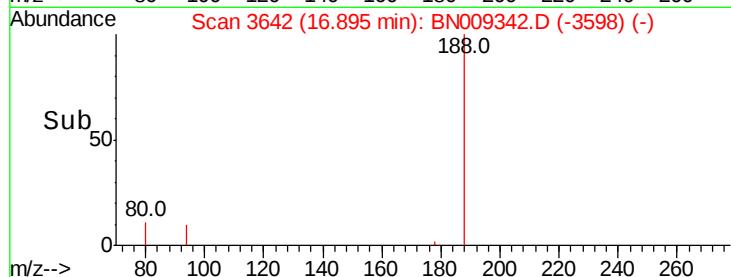
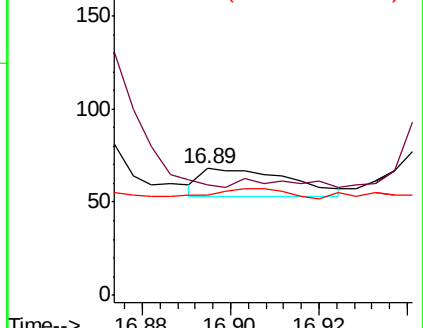
176 79.4 16.0 24.0#



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: 0.000 ng/ul

RT: 16.96 min Scan# 3657

Delta R.T. -0.04 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

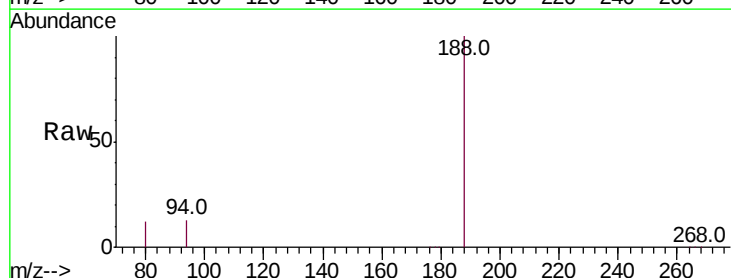
Tgt Ion:178 Resp: 216

Ion Ratio Lower Upper

178 100

179 218.3 13.1 19.7#

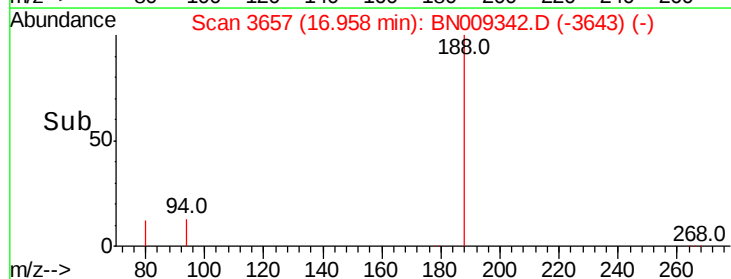
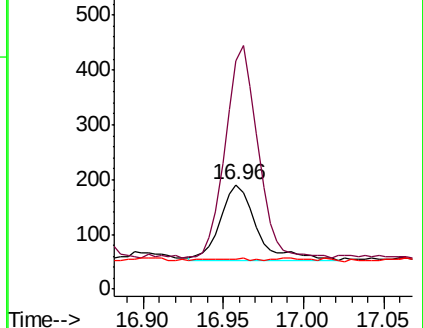
176 28.8 15.7 23.5#

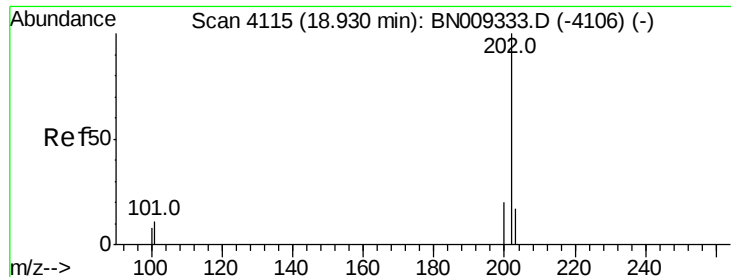


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 18.93 min Scan# 4114

Delta R.T. -0.00 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

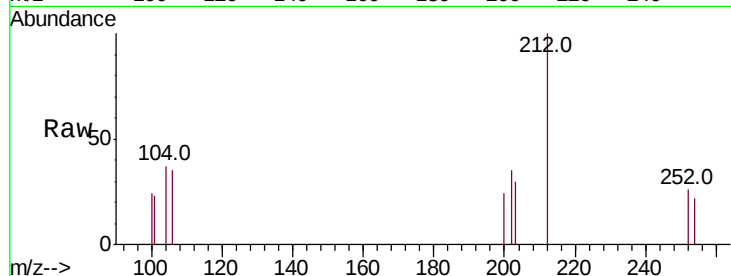
Instrument :

BNA_N

ClientSampleId :

Tot Ion:202 Resp: 45

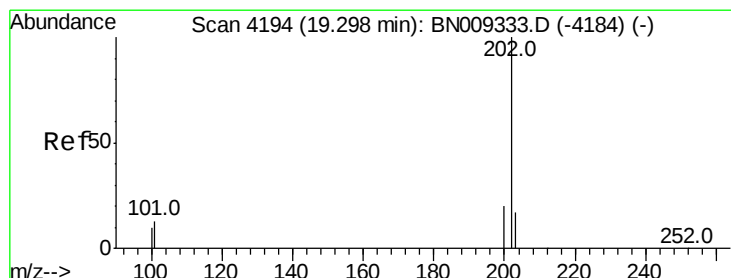
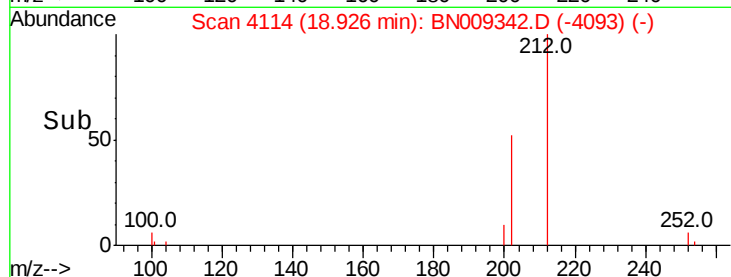
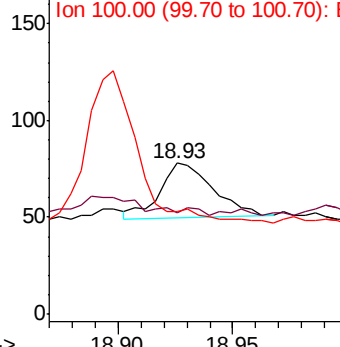
Ion	Ratio	Lower	Upper
202	100		
101	66.7	0.0	31.8#
100	67.9	0.0	29.4#



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: 0.001 ng/ul

RT: 19.26 min Scan# 4186

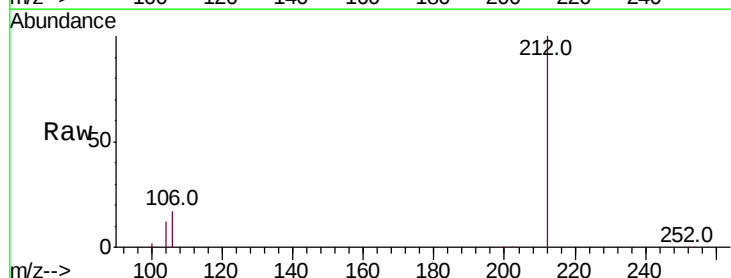
Delta R.T. -0.04 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Tgt Ion:202 Resp: 886

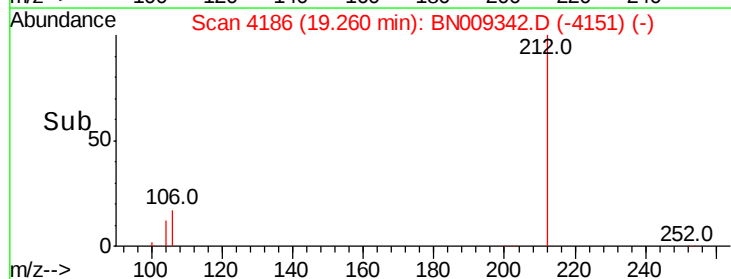
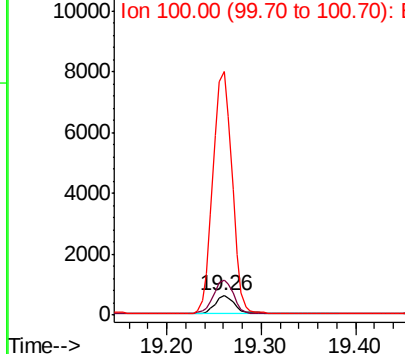
Ion	Ratio	Lower	Upper
202	100		
101	180.9	11.0	16.4#
100	1273.1	8.5	12.7#

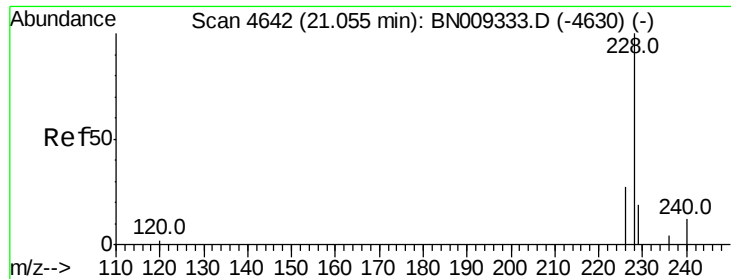


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.001 ng/ul

RT: 21.06 min Scan# 4645

Delta R.T. 0.01 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Instrument :

BNA_N

ClientSampleId :

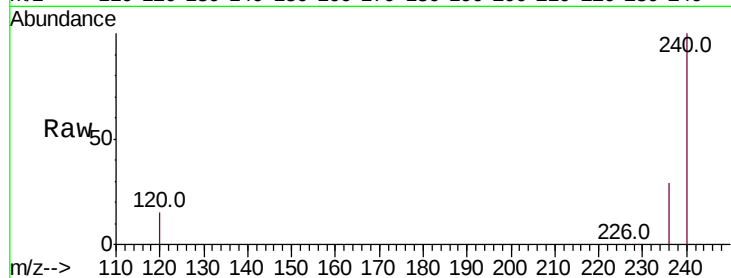
Tot Ion:228 Resp: 1150

Ion Ratio Lower Upper

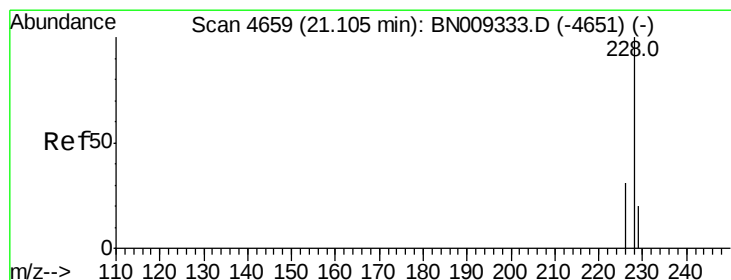
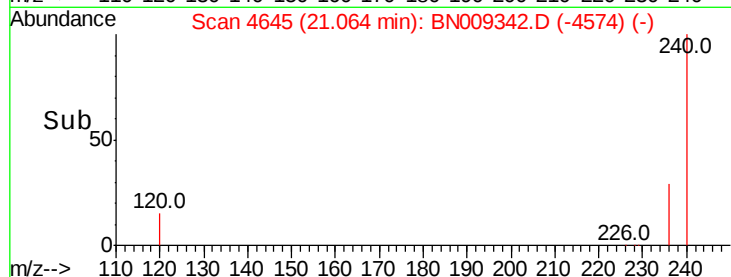
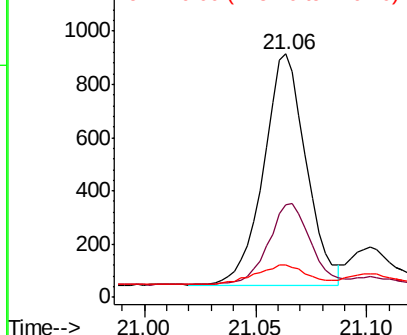
228 100

229 38.2 16.0 24.0#

226 13.2 21.9 32.9#



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



#19

Chrysene

Concen: 0.000 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

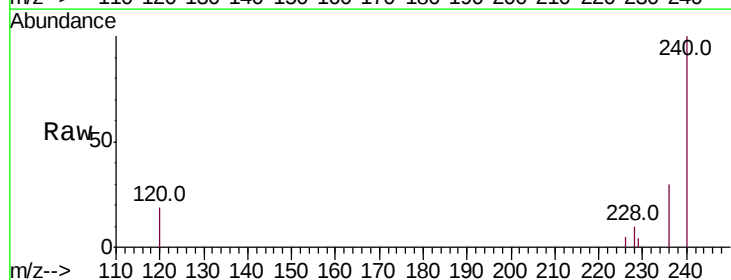
Tgt Ion:228 Resp: 196

Ion Ratio Lower Upper

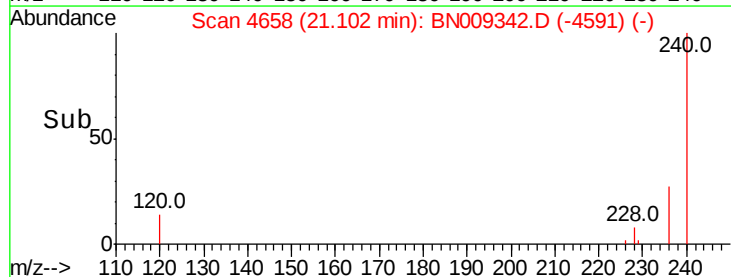
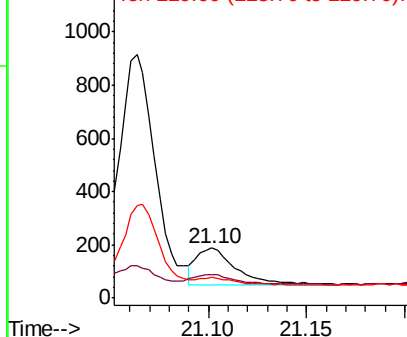
228 100

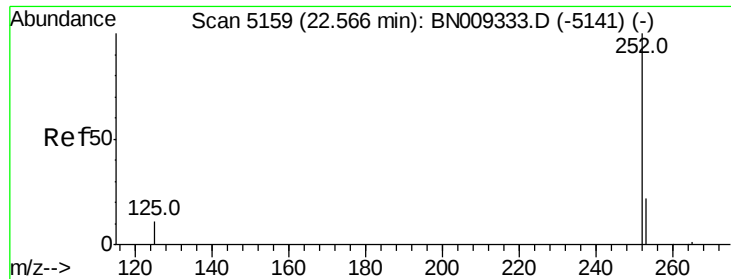
226 47.1 24.7 37.1#

229 43.3 16.6 24.8#



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





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 22.57 min Scan# 5159

Delta R.T. -0.00 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Instrument :

BNA_N

ClientSampleId :

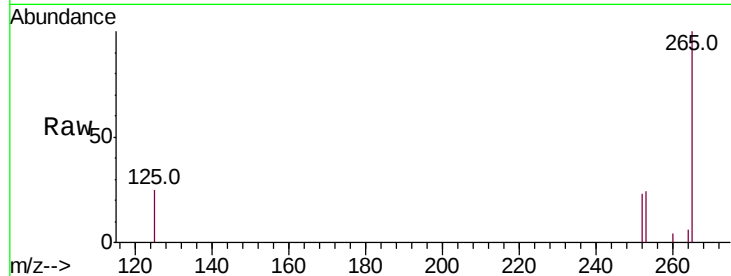
Tot Ion:252 Resp: 140

Ion Ratio Lower Upper

252 100

253 105.9 0.0 52.8#

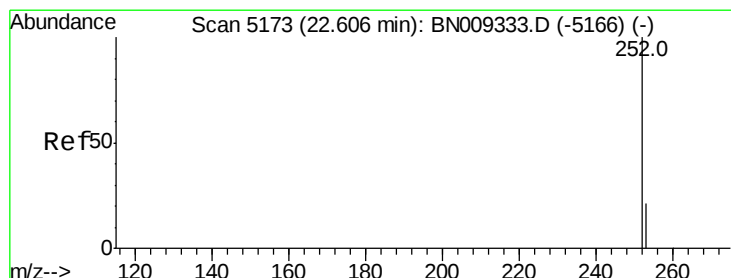
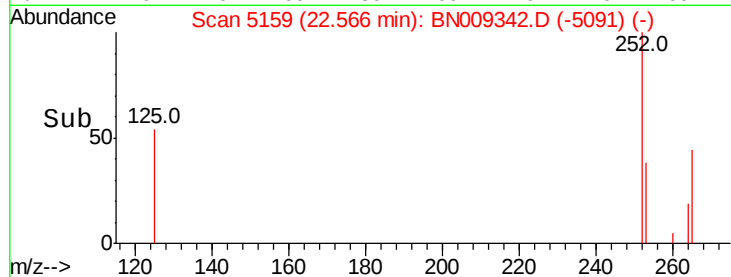
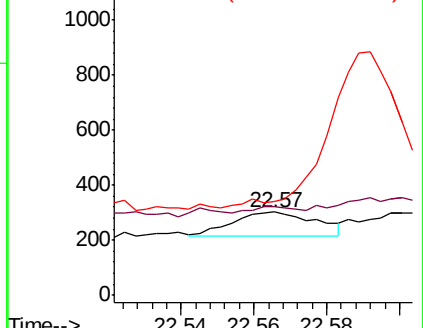
125 112.2 0.0 32.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 22.60 min Scan# 5171

Delta R.T. -0.01 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

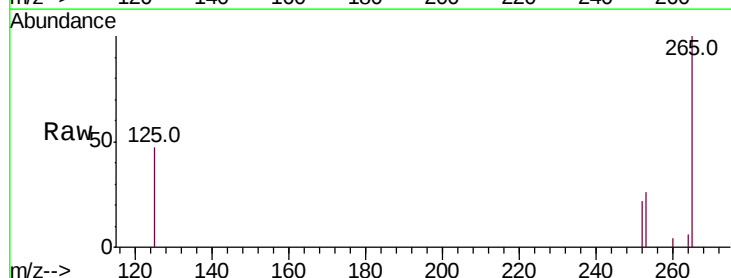
Tgt Ion:252 Resp: 199

Ion Ratio Lower Upper

252 100

253 117.9 21.4 32.0#

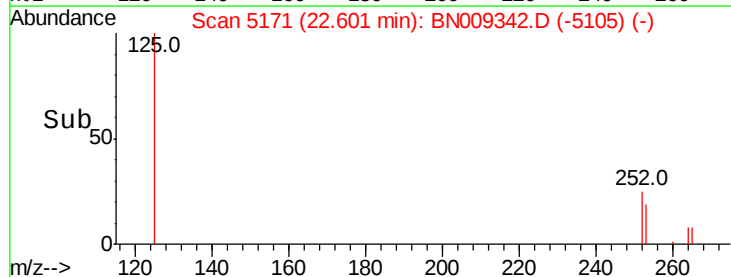
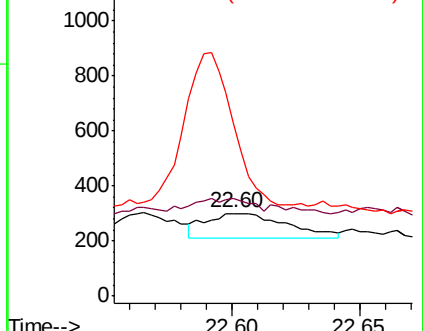
125 208.6 16.4 24.6#

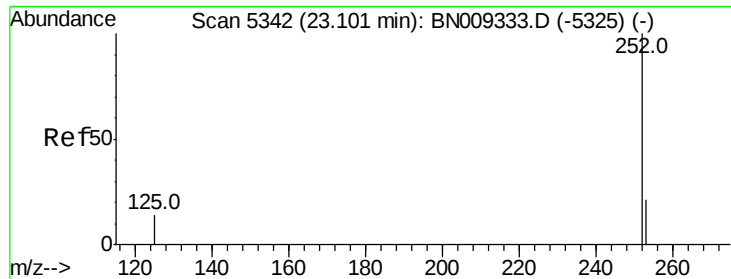


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.000 ng/u1

RT: 23.11 min Scan# 5346

Delta R.T. 0.01 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

Instrument :

BNA_N

ClientSampled :

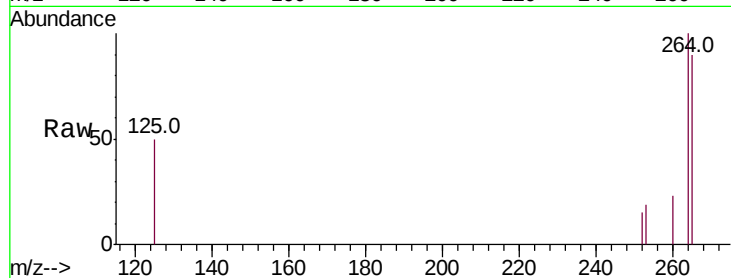
Tot Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

253 128.6 22.7 34.1#

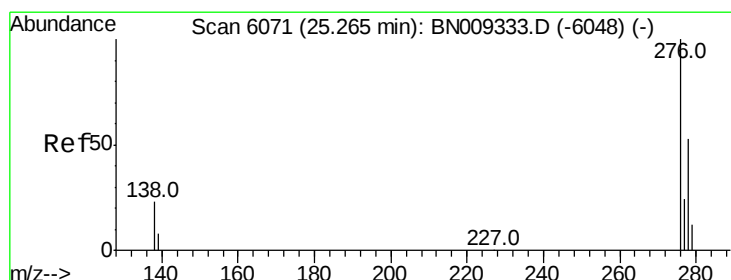
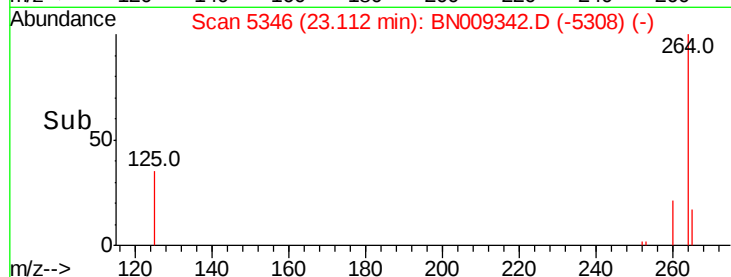
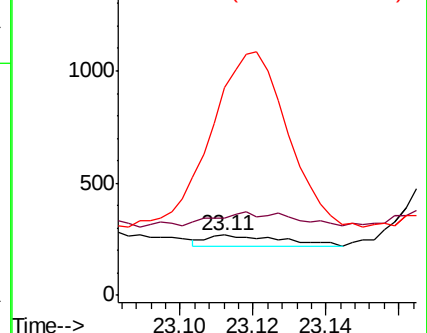
125 344.2 17.0 25.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng/u1

RT: 25.26 min Scan# 6069

Delta R.T. -0.01 min

Lab File: BN009342.D

Acq: 10 Jan 2020 19:39

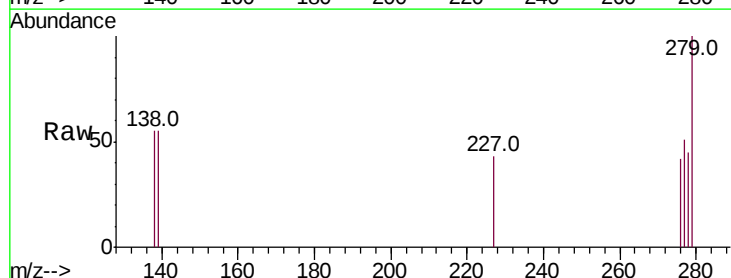
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 0.0 19.4 29.2#

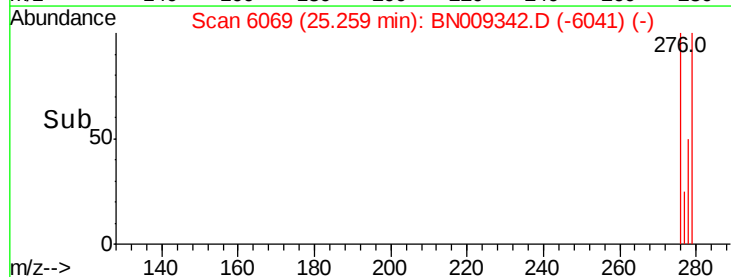
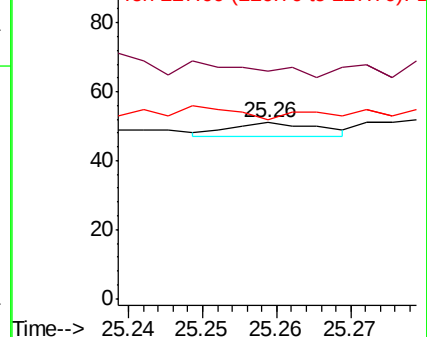
227 33.3 0.0 0.0#

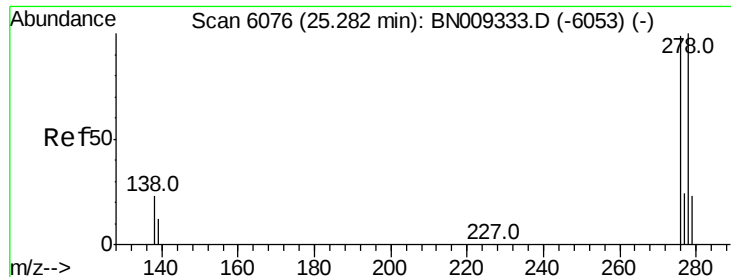


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

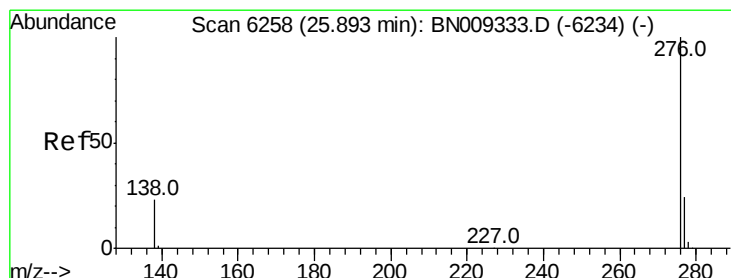
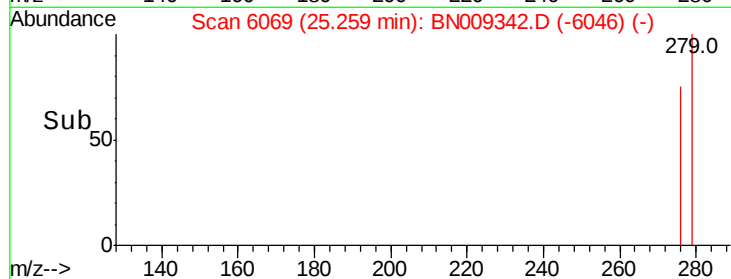
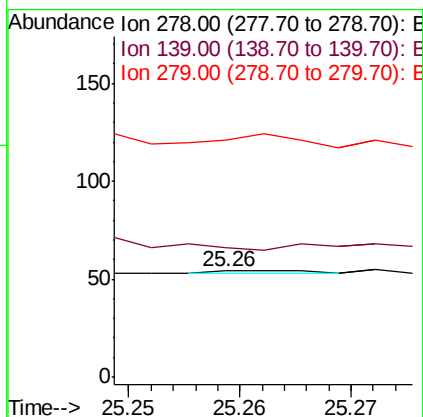
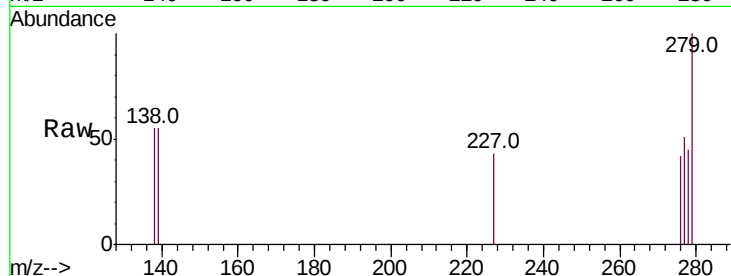




#25
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.26 min Scan# 6069
Delta R.T. -0.02 min
Lab File: BN009342.D
Acq: 10 Jan 2020 19:39

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 1
Ion Ratio Lower Upper
278 100
139 122.2 15.3 22.9#
279 224.1 22.2 33.2#



#26
Benzo(g,h,i)perylene
Concen: 0.000 ng/ul
RT: 25.86 min Scan# 6249
Delta R.T. -0.03 min
Lab File: BN009342.D
Acq: 10 Jan 2020 19:39

Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 134.0 20.3 30.5#
277 130.0 20.4 30.6#

