

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009049.D
 Acq On : 20 Dec 2019 03:12
 Operator : JU
 Sample : K6171-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 20 05:07:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

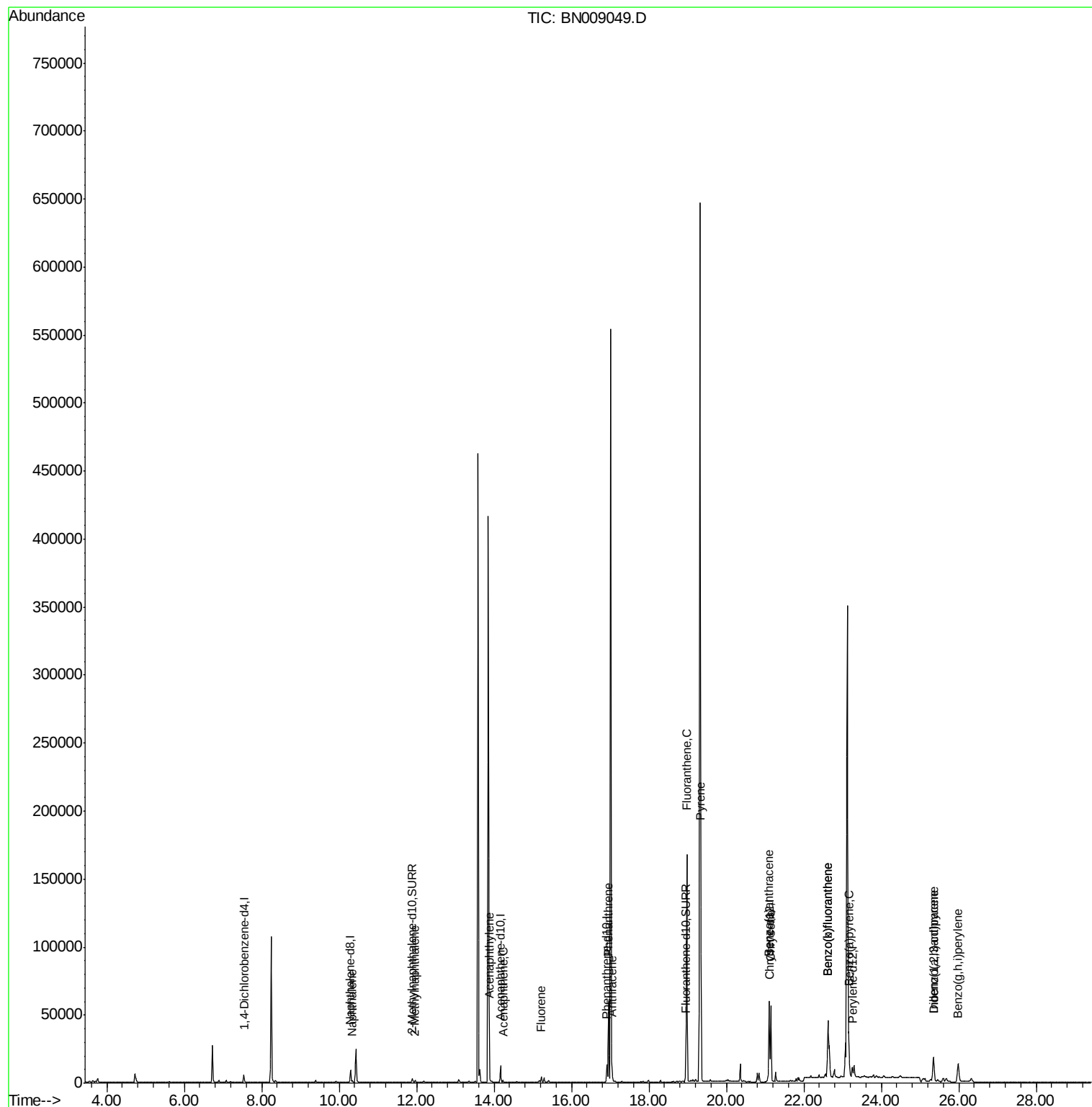
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2776	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	11109	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	6611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	14482	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	10129	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3337	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	8042	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	1282	0.038	ng/ul#	87
5) 2-Methylnaphthalene	11.97	142	1101	0.043	ng/ul	100
7) Acenaphthylene	13.89	152	2574	0.074	ng/ul#	94
8) Acenaphthene	14.23	153	816	0.030	ng/ul	96
9) Fluorene	15.22	166	2544	0.079	ng/ul#	97
12) Phenanthrene	16.95	178	59438	1.180	ng/ul	99
13) Anthracene	17.05	178	8466	0.187	ng/ul	99
15) Fluoranthene	18.98	202	139398	2.420	ng/ul	98
17) Pyrene	19.34	202	107403	2.078	ng/ul	97
18) Benzo(a)anthracene	21.10	228	47805	1.063	ng/ul	98
19) Chrysene	21.15	228	53488	1.183	ng/ul	98
21) Benzo(b)fluoranthene	22.62	252	87626	2.192	ng/ul	98
22) Benzo(k)fluoranthene	22.62	252	87626	2.173	ng/ul	98
23) Benzo(a)pyrene	23.16	252	39402	1.124	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.35	276	26713	0.700	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	5970	0.197	ng/ul#	86
26) Benzo(a,h,i)perylene	25.99	276	25969	0.808	ng/ul	99

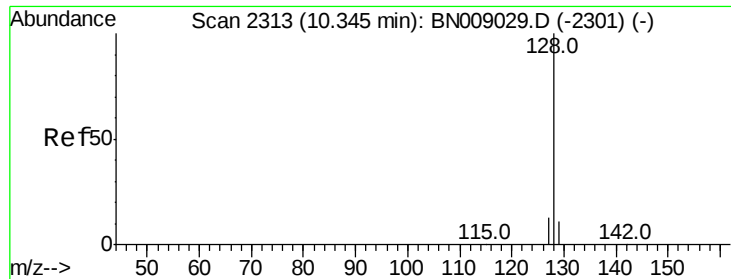
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 19 15:54:16 2019
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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampled :

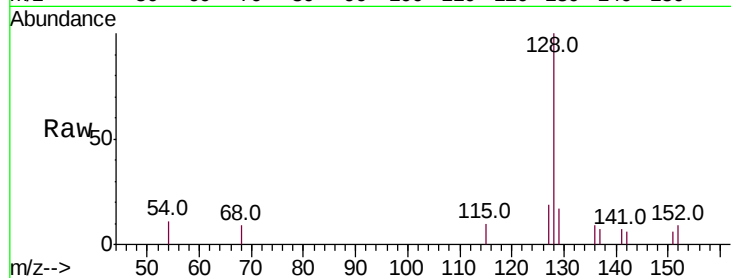
Tot Ion:128 Resp: 1282

Ion Ratio Lower Upper

128 100

129 16.5 9.0 13.4#

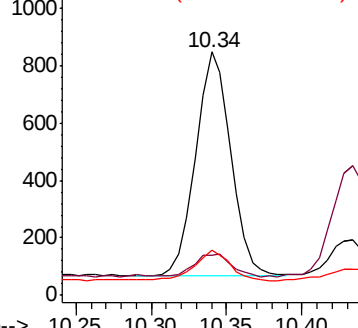
127 18.5 10.9 16.3#



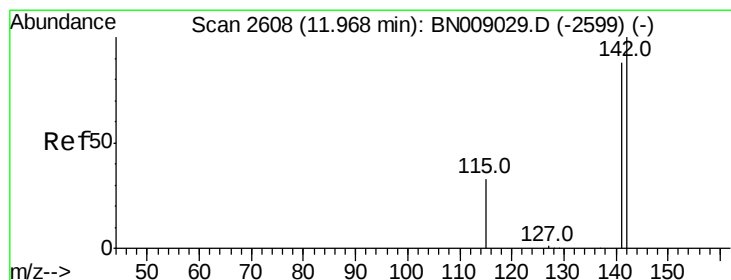
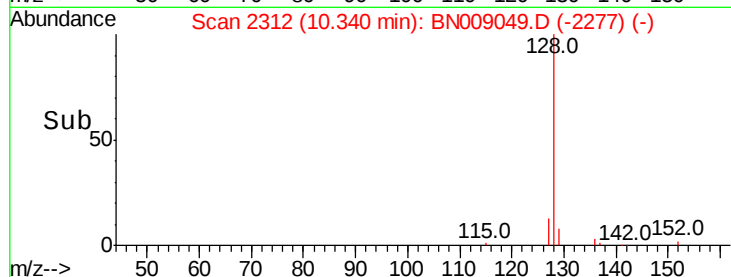
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.043 ng/ul

RT: 11.97 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BN009049.D

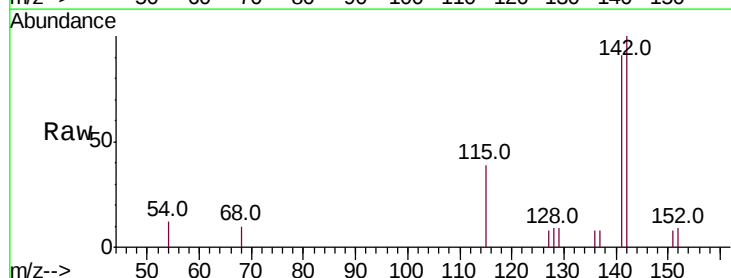
Acq: 20 Dec 2019 03:12

Tgt Ion:142 Resp: 1101

Ion Ratio Lower Upper

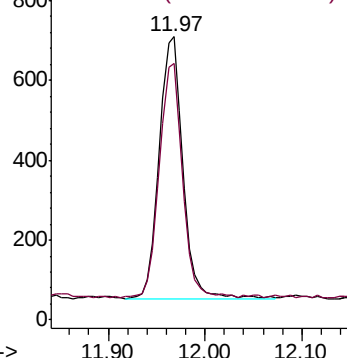
142 100

141 87.9 70.2 105.4

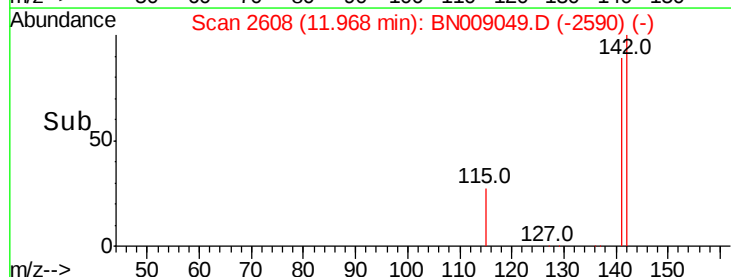


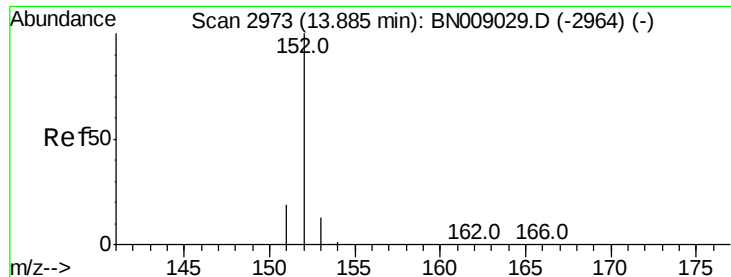
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 13.89 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampleId :

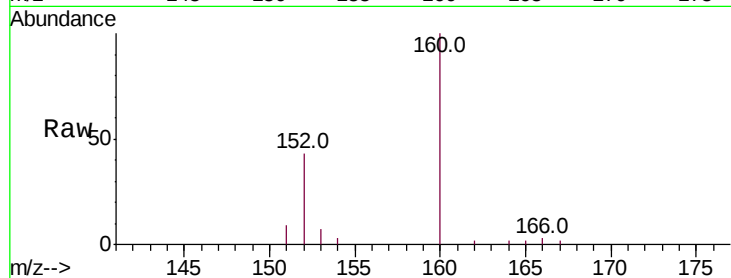
Tot Ion:152 Resp: 2574

Ion Ratio Lower Upper

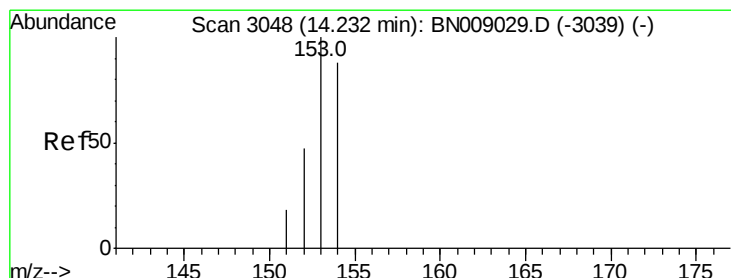
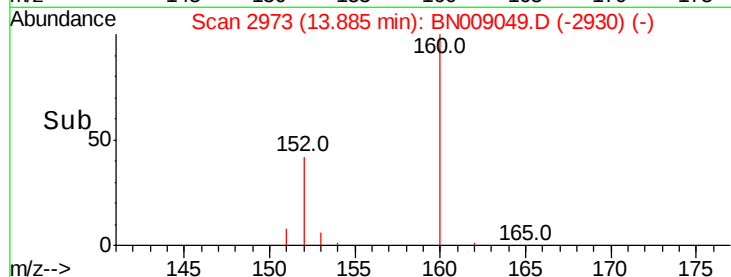
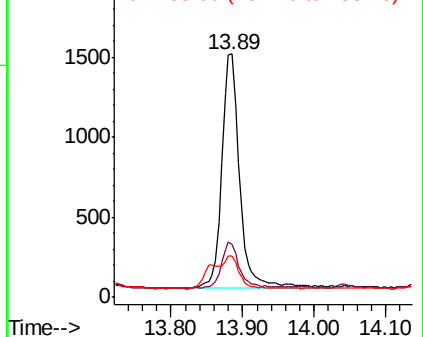
152 100

151 21.8 15.7 23.5

153 17.0 10.8 16.2#



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



#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 14.23 min Scan# 3047

Delta R.T. -0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

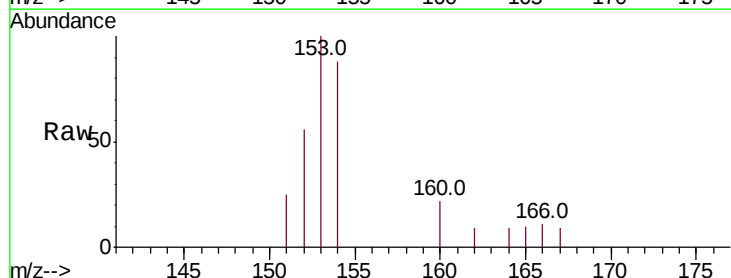
Tgt Ion:153 Resp: 816

Ion Ratio Lower Upper

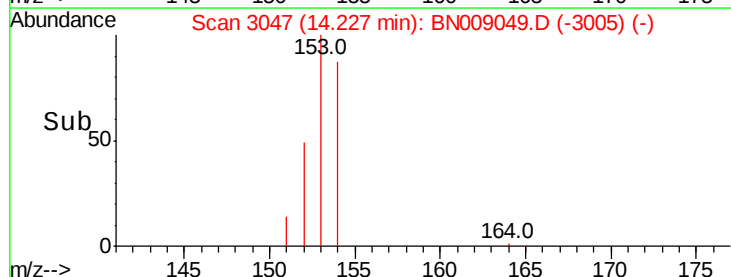
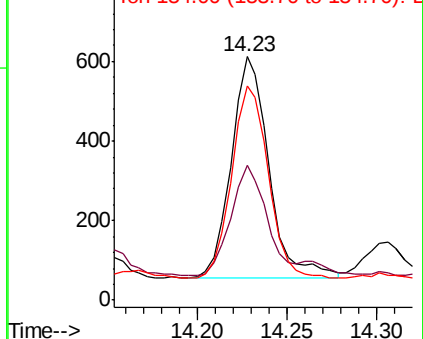
153 100

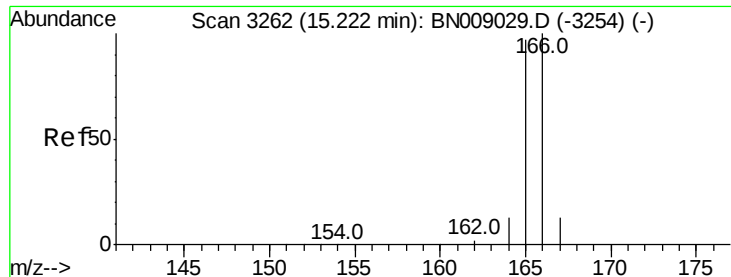
152 55.6 39.5 59.3

154 88.1 71.3 106.9



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





#9

Fluorene

Concen: 0.079 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampled :

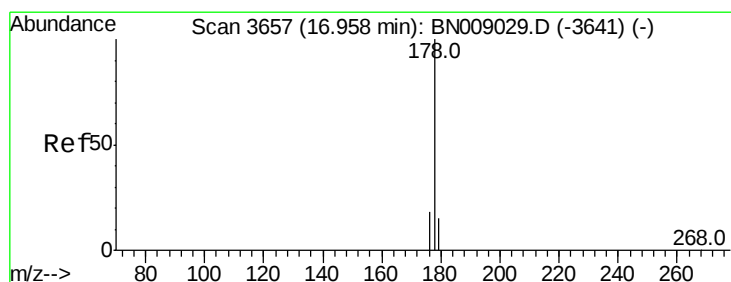
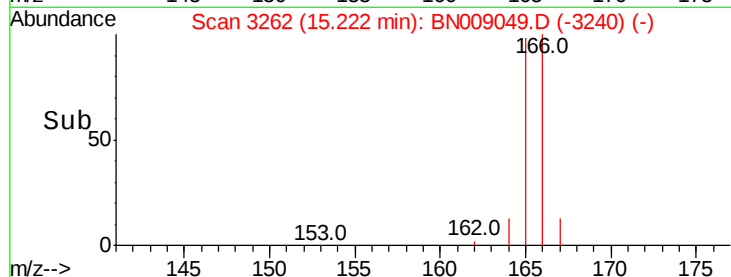
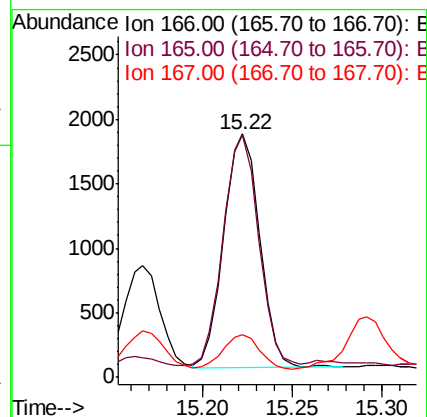
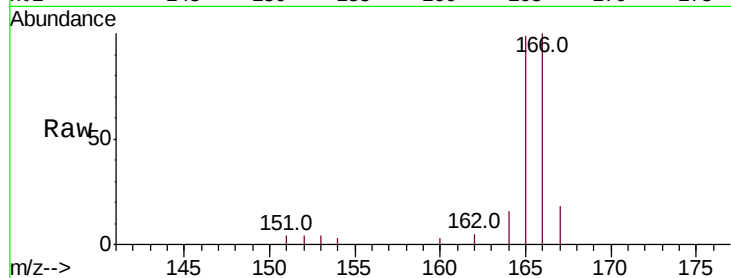
Tot Ion:166 Resp: 2544

Ion Ratio Lower Upper

166 100

165 99.4 78.2 117.4

167 17.7 11.0 16.6#



#12

Phenanthrene

Concen: 1.180 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

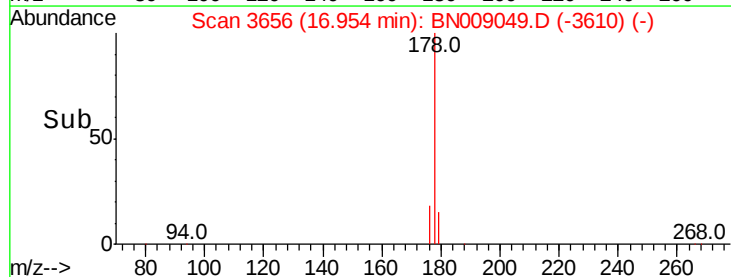
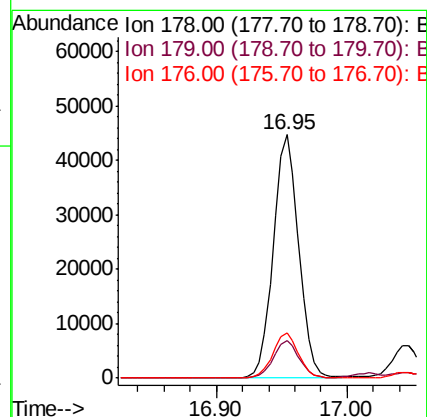
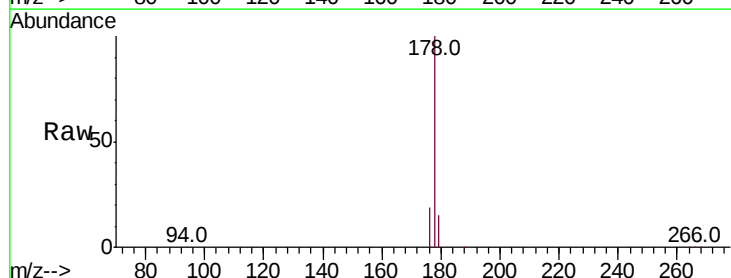
Tgt Ion:178 Resp: 59438

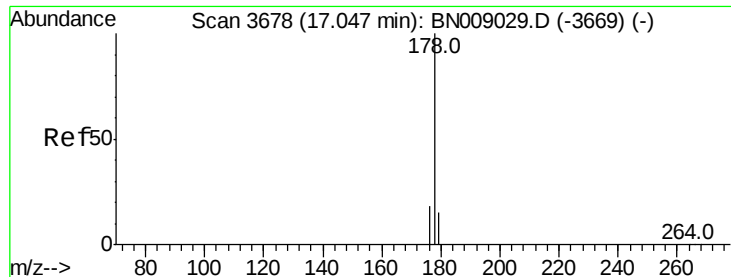
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.6 15.1 22.7





#13

Anthracene

Concen: 0.187 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampleId :

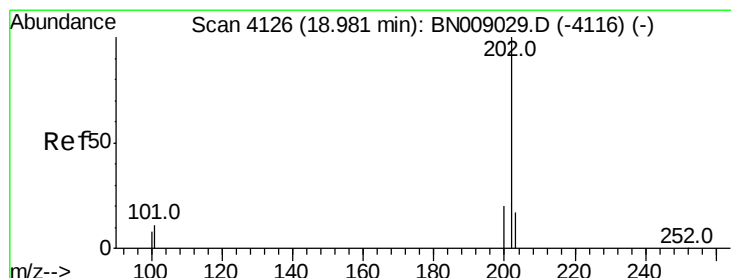
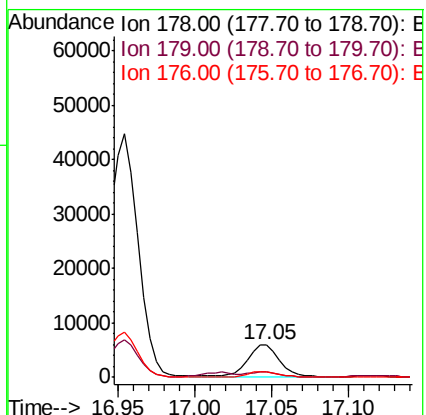
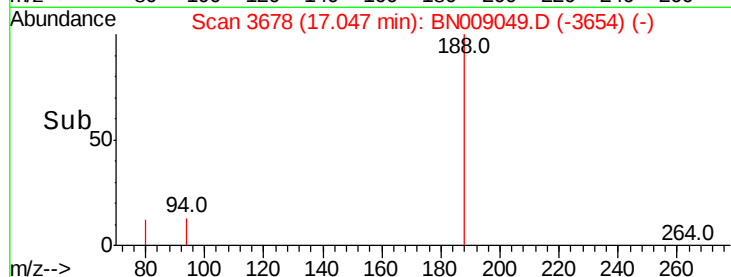
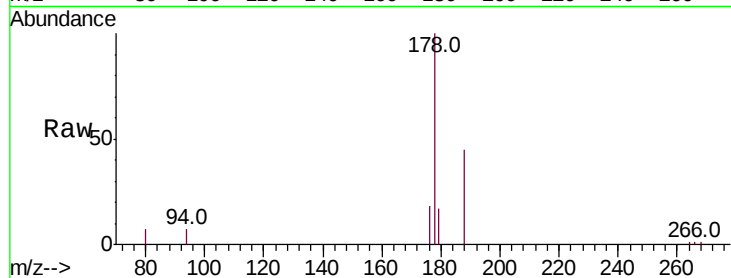
Tot Ion:178 Resp: 8466

Ion Ratio Lower Upper

178 100

179 16.8 12.5 18.7

176 18.5 14.9 22.3



#15

Fluoranthene

Concen: 2.420 ng/ul

RT: 18.98 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

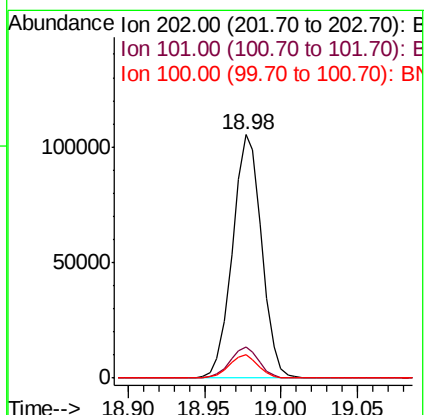
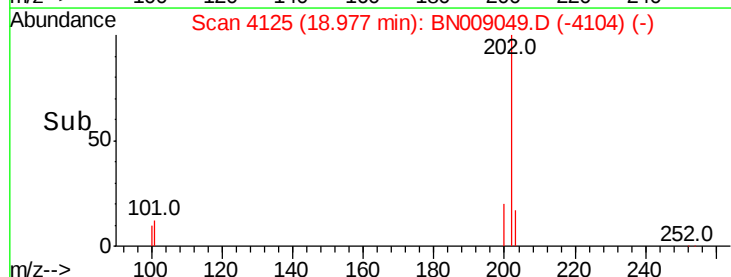
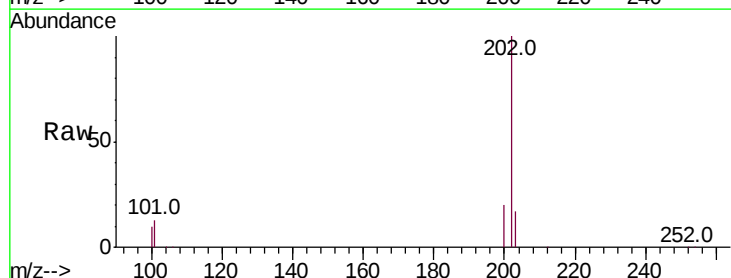
Tgt Ion:202 Resp: 139398

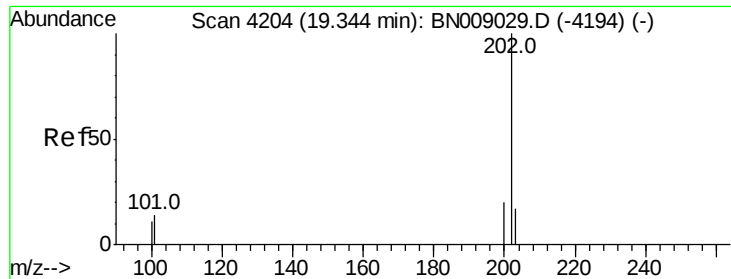
Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.5

100 9.6 0.0 28.9





#17

Pvrene

Concen: 2.078 ng/ul

RT: 19.34 min Scan# 4203

Delta R.T. -0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampleId :

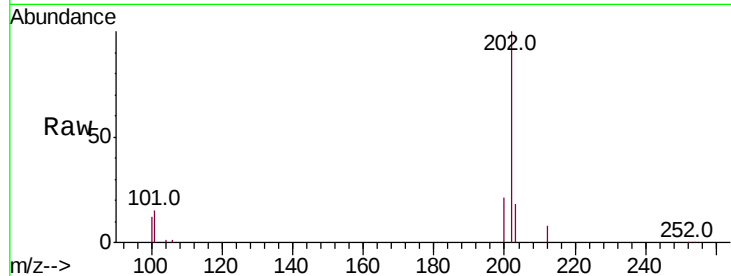
Tot Ion:202 Resp: 107403

Ion Ratio Lower Upper

202 100

101 14.8 10.9 16.3

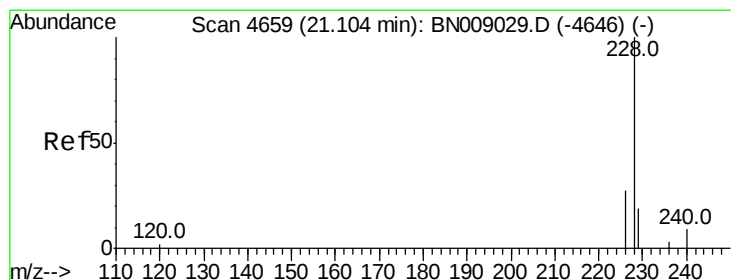
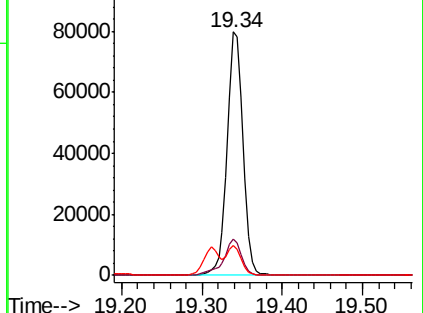
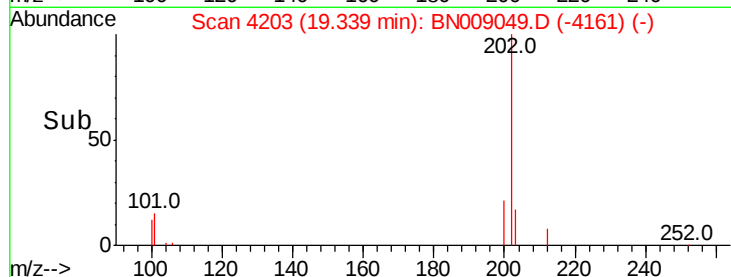
100 12.2 9.0 13.6



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: 1.063 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

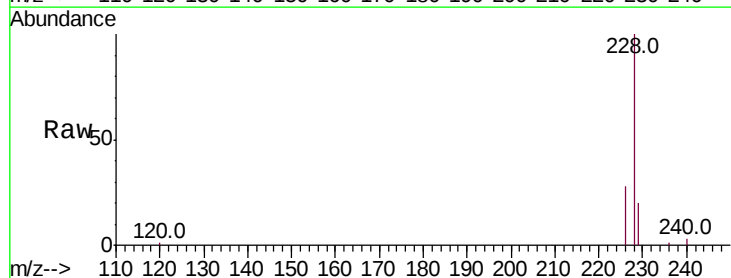
Tgt Ion:228 Resp: 47805

Ion Ratio Lower Upper

228 100

229 20.4 15.5 23.3

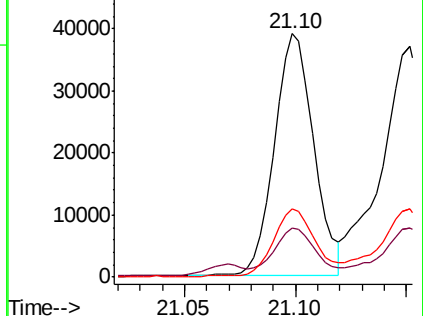
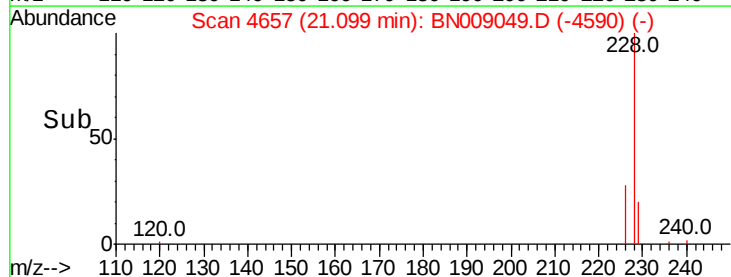
226 28.2 21.7 32.5

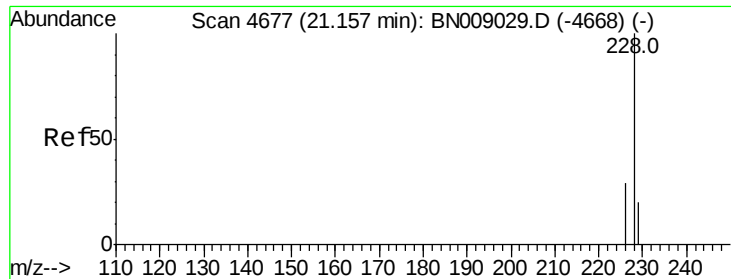


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.183 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampled :

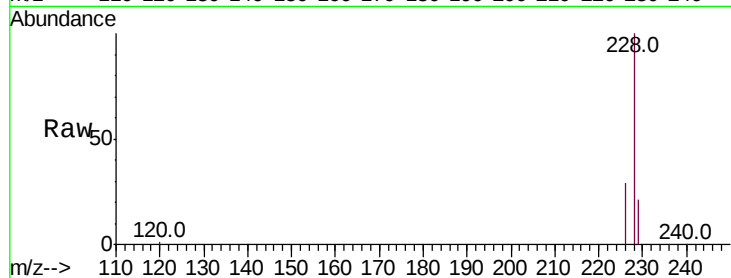
Tot Ion:228 Resp: 53488

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

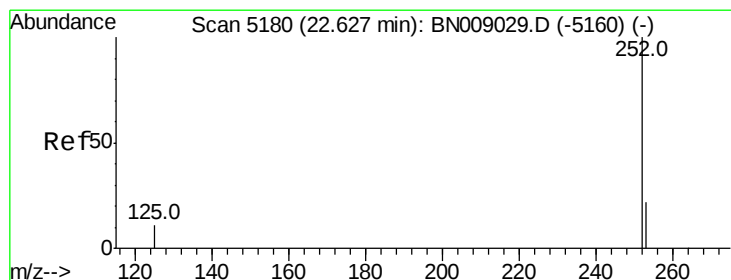
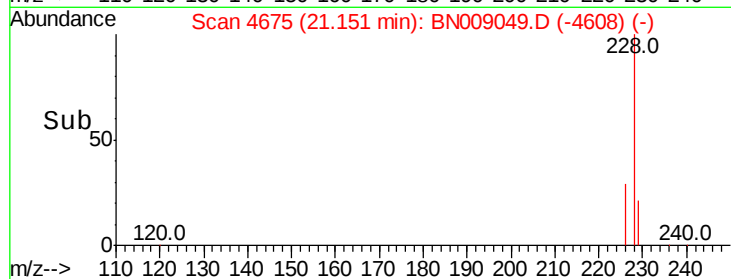
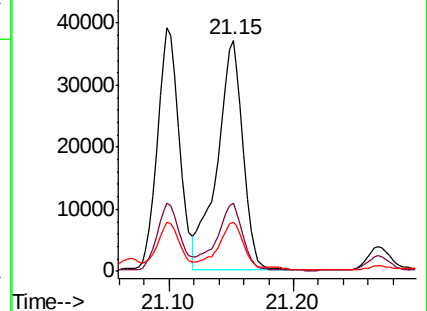
229 21.5 15.4 23.0



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: 2.192 ng/ul

RT: 22.62 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

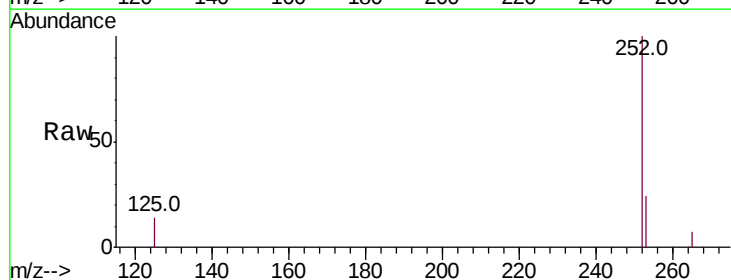
Tgt Ion:252 Resp: 87626

Ion Ratio Lower Upper

252 100

253 23.6 0.0 48.2

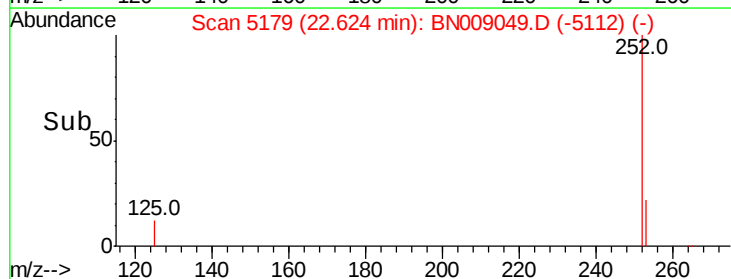
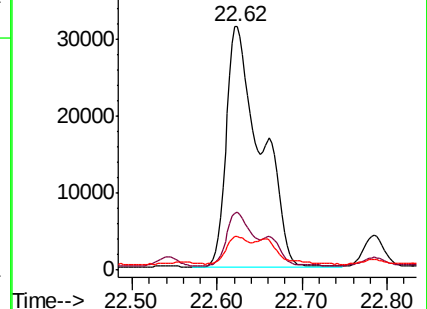
125 13.9 0.0 30.0

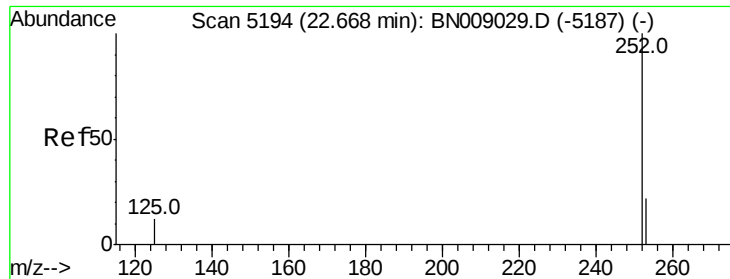


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

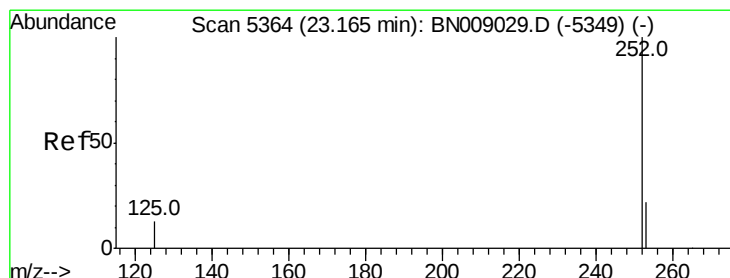
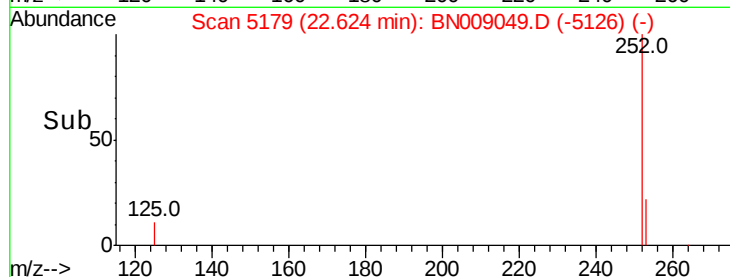
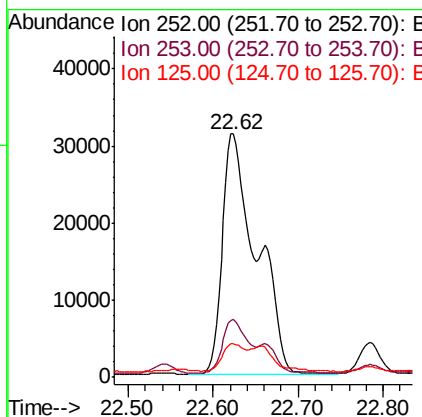
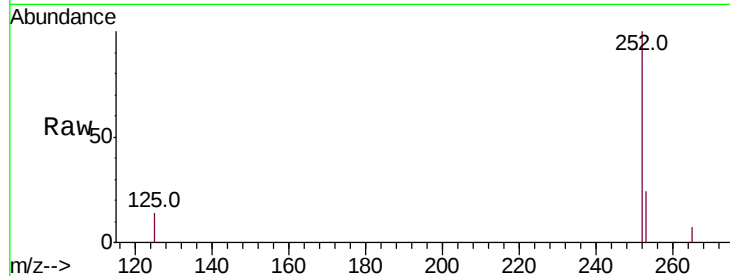




#22
Benzo(k)fluoranthene
Concen: 2.173 ng/ul
RT: 22.62 min Scan# 5179
Delta R.T. -0.04 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

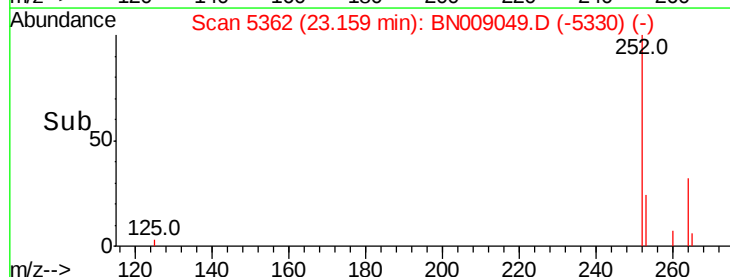
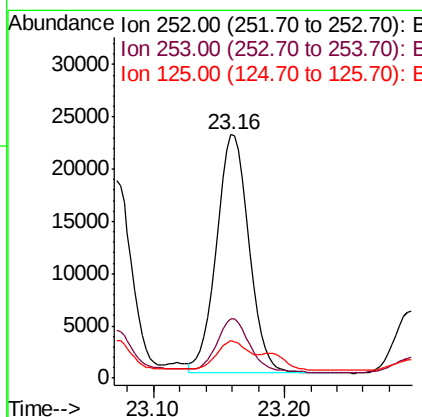
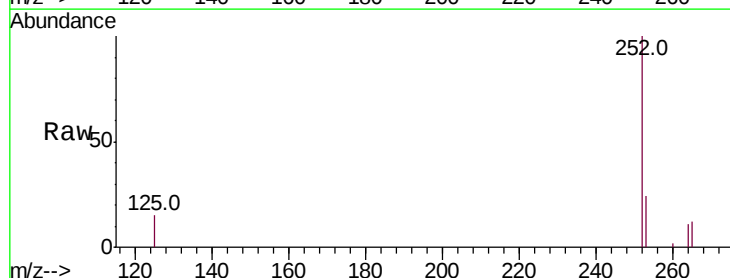
Instrument :
BNA_N
ClientSampleId :

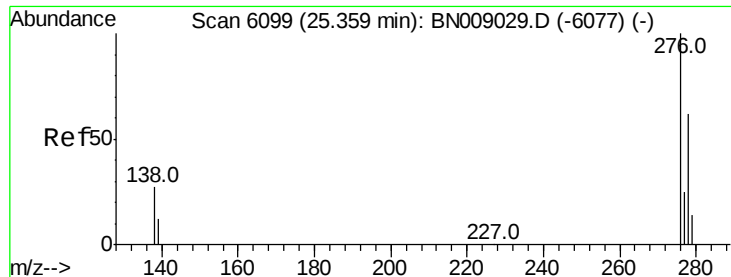
Tot Ion:252 Resp: 87626
Ion Ratio Lower Upper
252 100
253 23.6 19.4 29.0
125 13.9 12.4 18.6



#23
Benzo(a)pyrene
Concen: 1.124 ng/ul
RT: 23.16 min Scan# 5362
Delta R.T. -0.01 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Tgt Ion:252 Resp: 39402
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.4
125 15.2 13.2 19.8



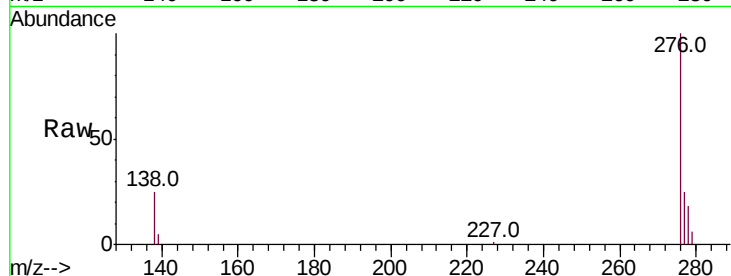


#24

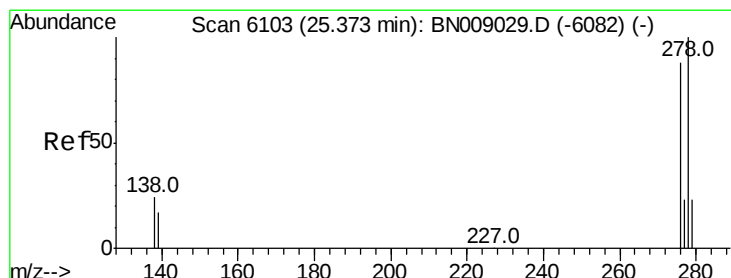
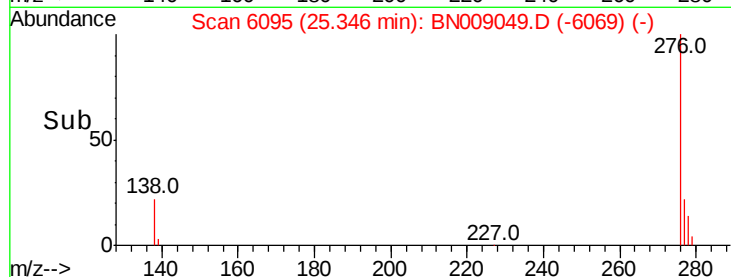
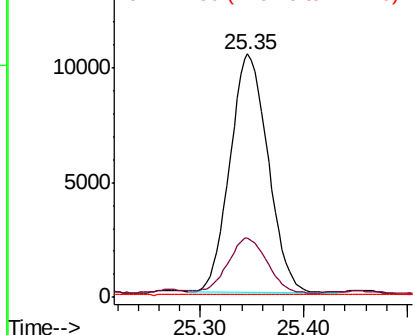
Indeno(1,2,3-cd)pyrene
Concen: 0.700 ng/ul
RT: 25.35 min Scan# 6095
Delta R.T. -0.01 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 26713
Ion Ratio Lower Upper
276 100
138 23.4 22.4 33.6
227 0.2 0.2 0.4#



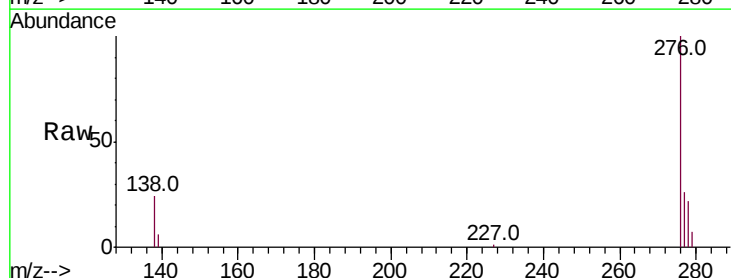
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



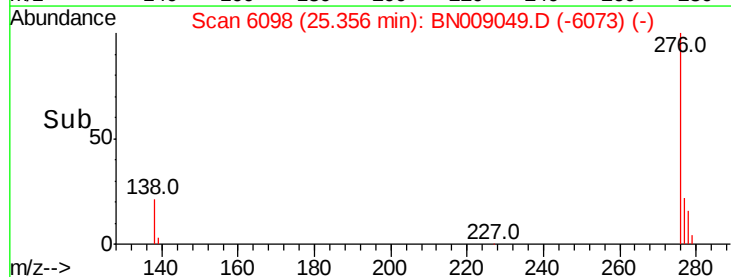
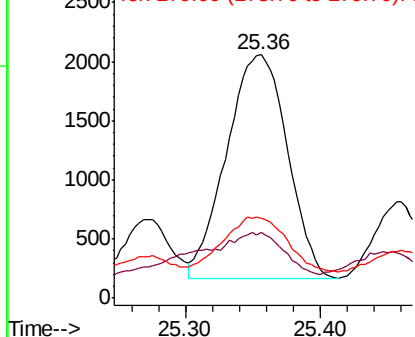
#25

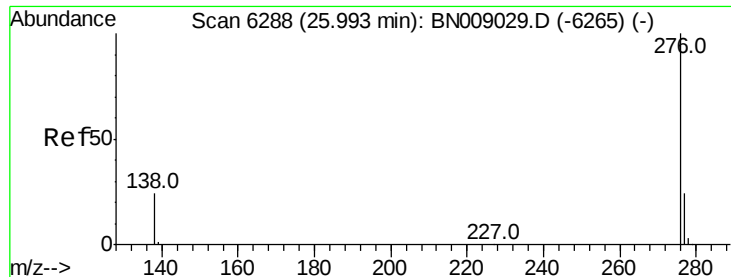
Dibenzo(a,h)anthracene
Concen: 0.197 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.02 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Tgt Ion:278 Resp: 5970
Ion Ratio Lower Upper
278 100
139 27.0 16.2 24.2#
279 32.6 20.3 30.5#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.808 ng/ul

RT: 25.99 min Scan# 6286

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampleId :

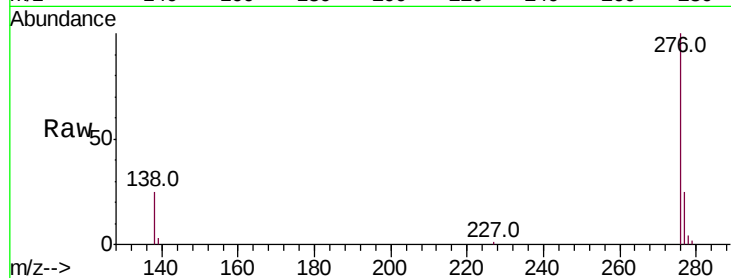
Tot Ion:276 Resp: 25969

Ion Ratio Lower Upper

276 100

138 24.9 20.6 30.8

277 24.8 19.6 29.4



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

