

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009230.D
 Acq On : 28 Dec 2019 16:18
 Operator : JU
 Sample : K6278-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 29 03:38:22 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 : Sun Dec 29 03:34:38 2019
 Response via : Initial Calibration

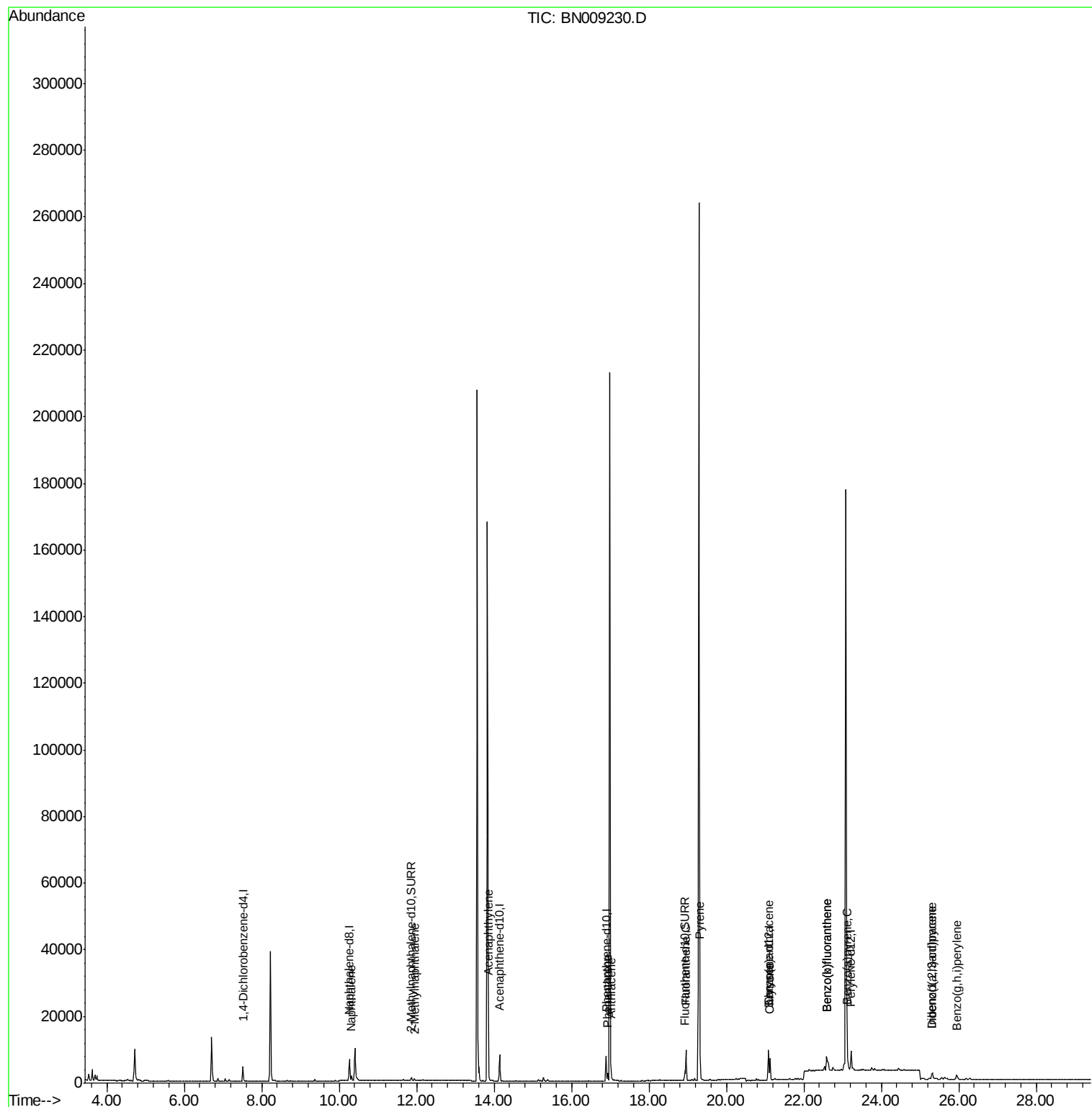
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2225	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8105	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4276	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8486	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6583	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	6950	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1501	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.93	212	3175	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	849	0.035	ng/ul#	80
5) 2-Methylnaphthalene	11.94	142	401	0.022	ng/ul	87
7) Acenaphthylene	13.86	152	510	0.023	ng/ul#	1
12) Phenanthrene	16.93	178	2649	0.090	ng/ul	94
13) Anthracene	17.02	178	1289	0.049	ng/ul#	87
15) Fluoranthene	18.95	202	7792	0.231	ng/ul	97
17) Pyrene	19.32	202	6470	0.193	ng/ul	96
18) Benzo(a)anthracene	21.08	228	4007	0.137	ng/ul#	92
19) Chrysene	21.12	228	6241	0.212	ng/ul#	95
21) Benzo(b)fluoranthene	22.59	252	8589	0.265	ng/ul#	71
22) Benzo(k)fluoranthene	22.59	252	8614	0.263	ng/ul#	71
23) Benzo(a)pyrene	23.12	252	3333	0.117	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	25.31	276	2791	0.090	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.32	278	772	0.031	ng/ul#	1
26) Benzo(g,h,i)perylene	25.95	276	2249	0.086	ng/ul#	73

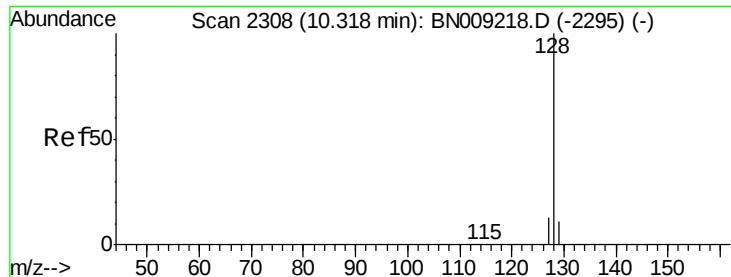
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 29 03:34:38 2019
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#3

Naphthalene

Concen: 0.035 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

Instrument :

BNA_N

ClientSampleId :

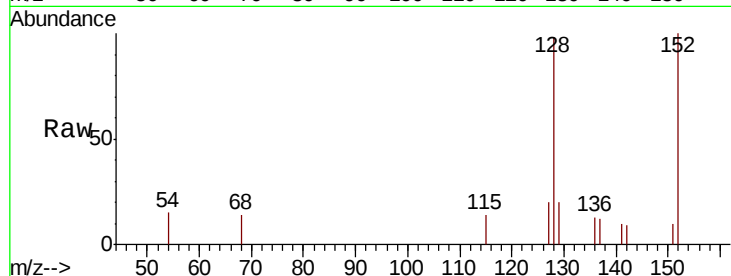
Tot Ion:128 Resp: 849

Ion Ratio Lower Upper

128 100

129 20.4 9.0 13.4#

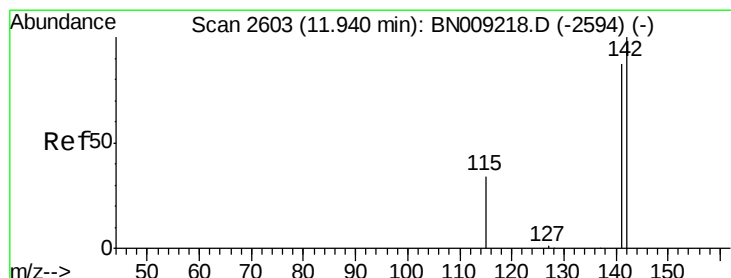
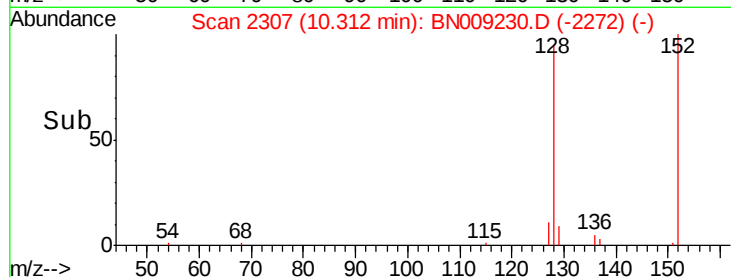
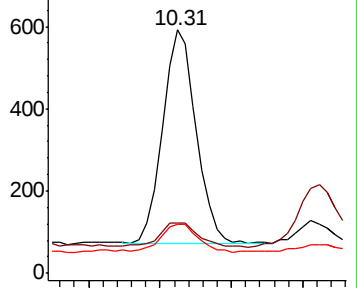
127 19.9 10.9 16.3#



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



#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 11.94 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BN009230.D

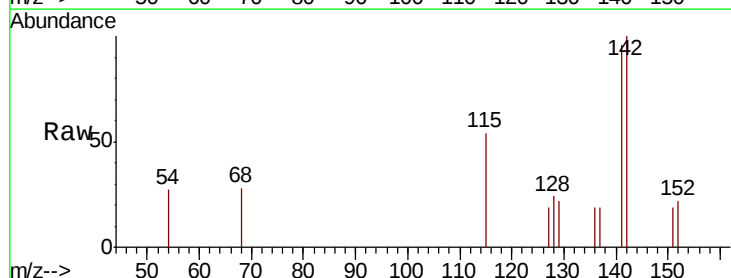
Acq: 28 Dec 2019 16:18

Tgt Ion:142 Resp: 401

Ion Ratio Lower Upper

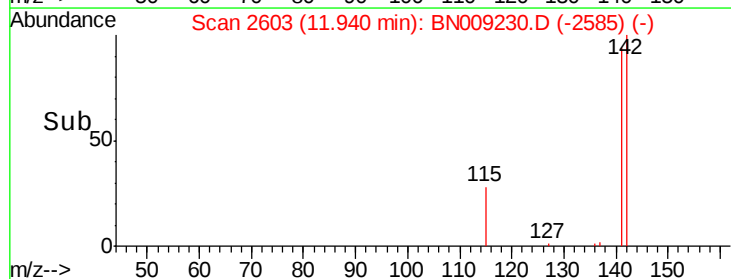
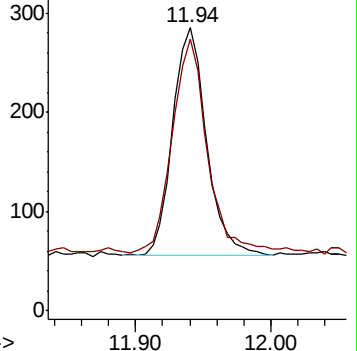
142 100

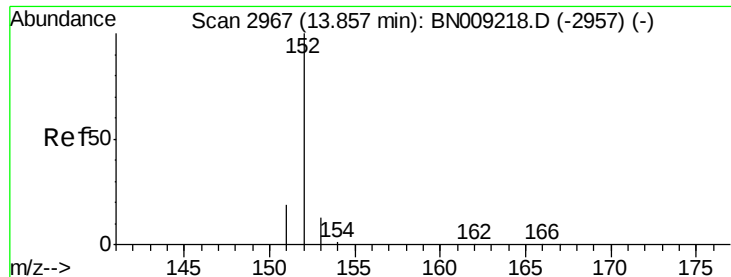
141 100.0 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

Instrument :

BNA_N

ClientSampleId :

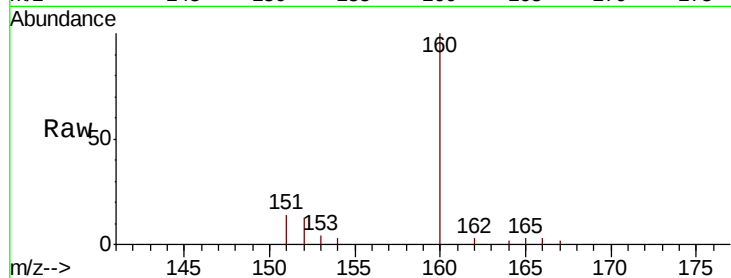
Tot Ion:152 Resp: 510

Ion Ratio Lower Upper

152 100

151 110.1 15.7 23.5#

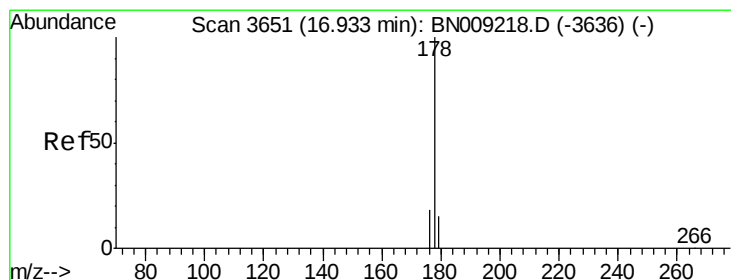
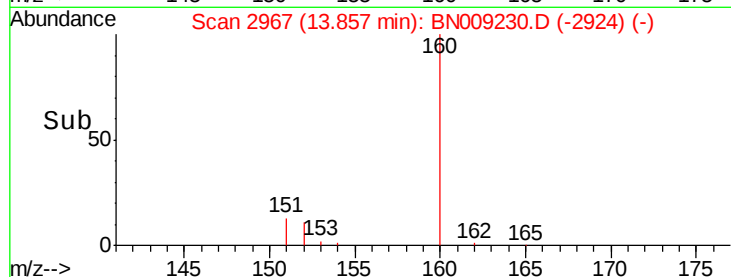
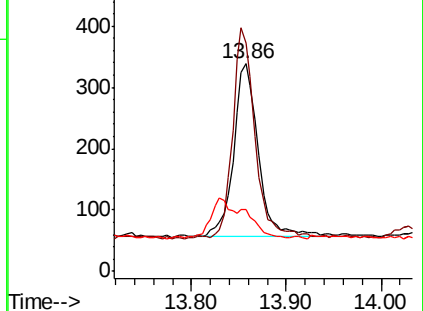
153 29.6 10.8 16.2#



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



#12

Phenanthrene

Concen: 0.090 ng/ul

RT: 16.93 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

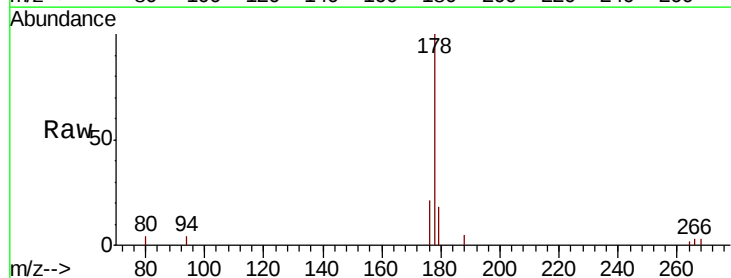
Tgt Ion:178 Resp: 2649

Ion Ratio Lower Upper

178 100

179 18.1 12.3 18.5

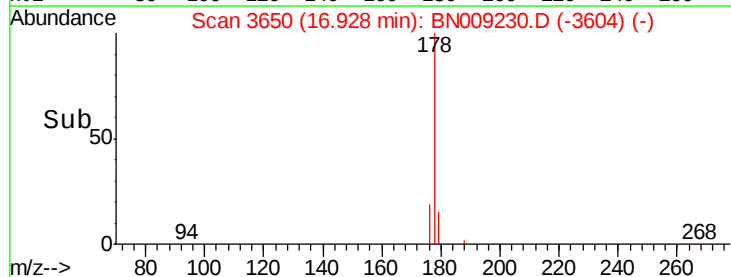
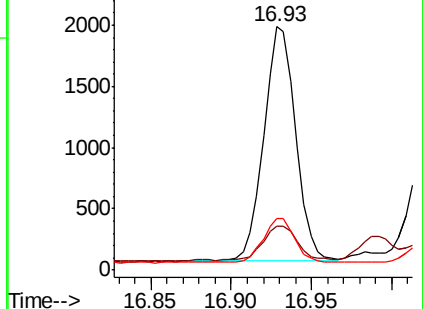
176 21.4 15.1 22.7

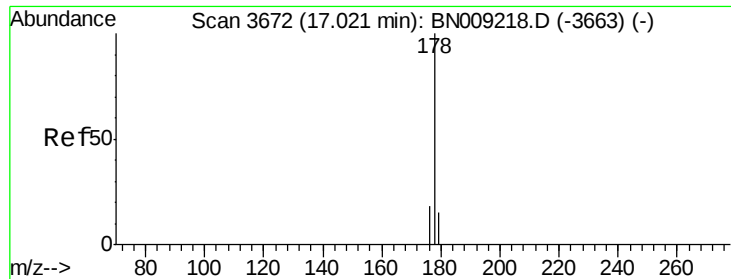


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.049 ng/ul

RT: 17.02 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

Instrument :

BNA_N

ClientSampleId :

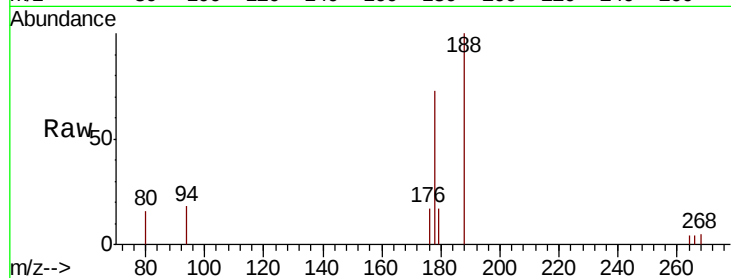
Tot Ion:178 Resp: 1289

Ion Ratio Lower Upper

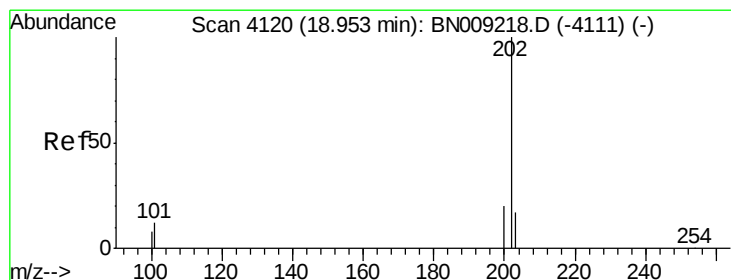
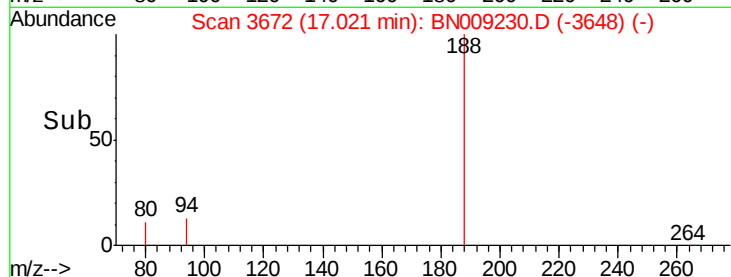
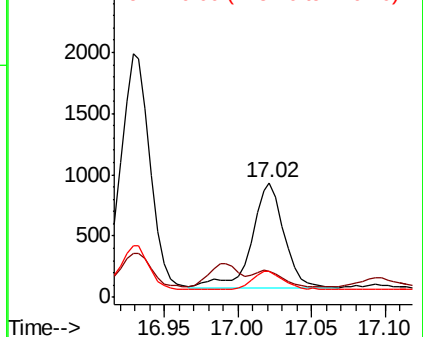
178 100

179 22.7 12.5 18.7#

176 22.8 14.9 22.3#



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: 0.231 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. 0.00 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

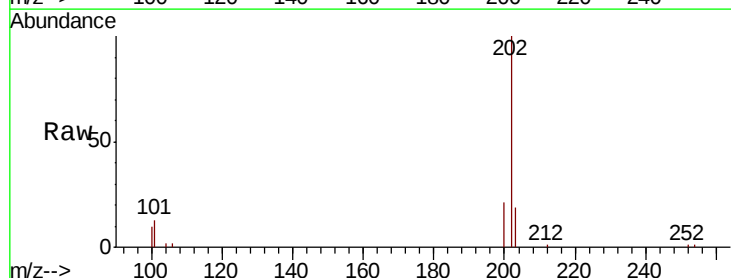
Tgt Ion:202 Resp: 7792

Ion Ratio Lower Upper

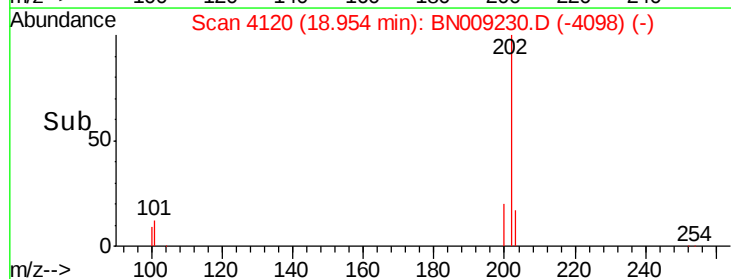
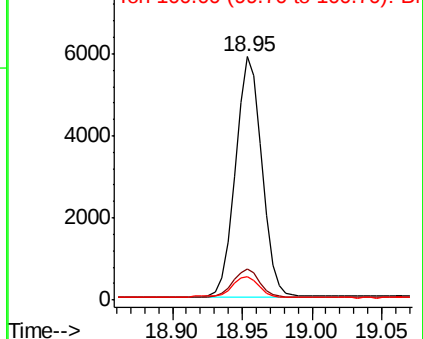
202 100

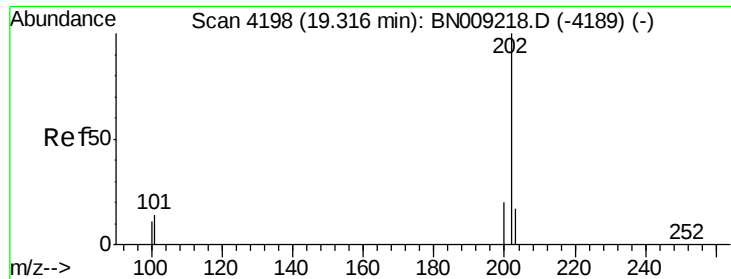
101 12.8 0.0 31.5

100 9.6 0.0 28.9



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

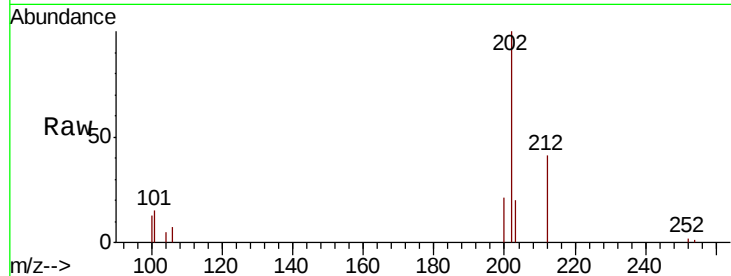




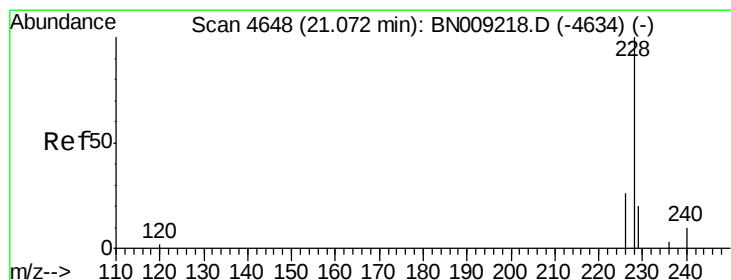
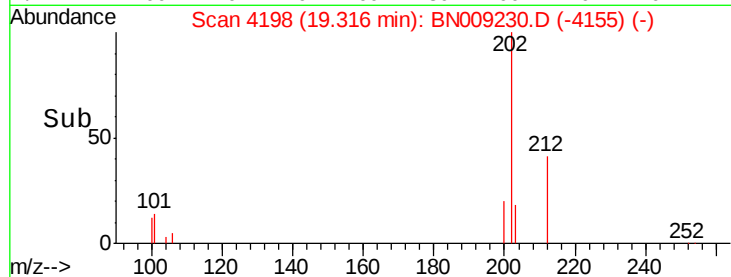
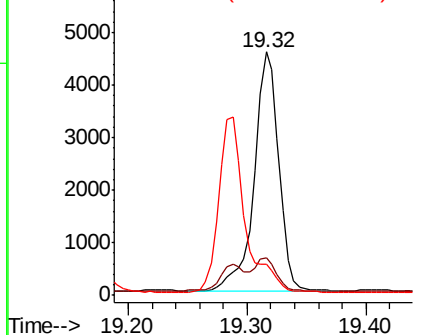
#17
Pvrene
Concen: 0.193 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009230.D
Acq: 28 Dec 2019 16:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 6470
Ion Ratio Lower Upper
202 100
101 15.2 10.9 16.3
100 12.5 9.0 13.6

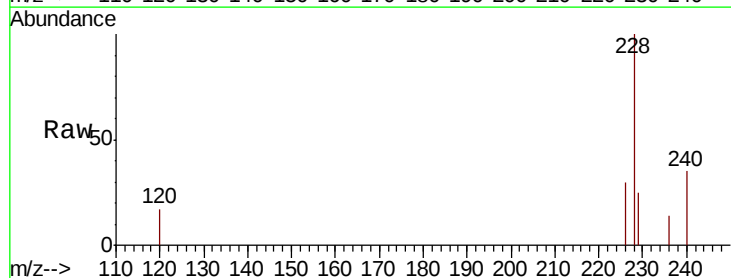


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

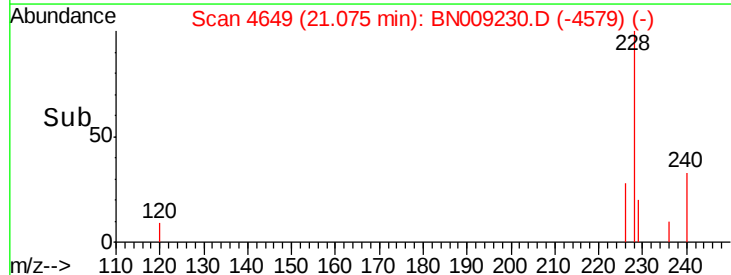
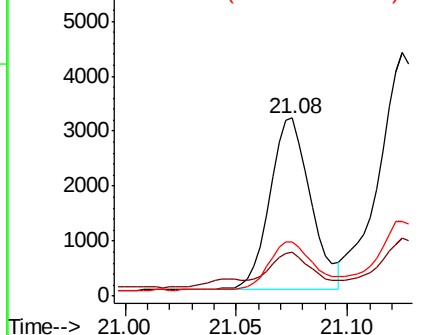


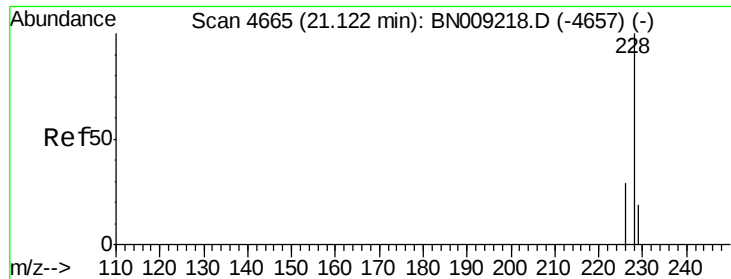
#18
Benzo(a)anthracene
Concen: 0.137 ng/ul
RT: 21.08 min Scan# 4649
Delta R.T. 0.00 min
Lab File: BN009230.D
Acq: 28 Dec 2019 16:18

Tgt Ion:228 Resp: 4007
Ion Ratio Lower Upper
228 100
229 24.5 15.5 23.3#
226 30.2 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: 0.212 ng/ul

RT: 21.12 min Scan# 4666

Delta R.T. 0.00 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

Instrument :

BNA_N

ClientSampleId :

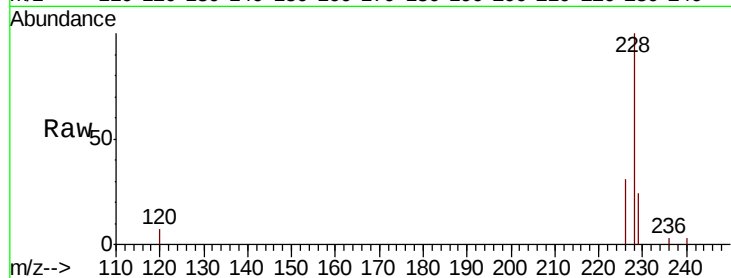
Tot Ion:228 Resp: 6241

Ion Ratio Lower Upper

228 100

226 30.8 23.7 35.5

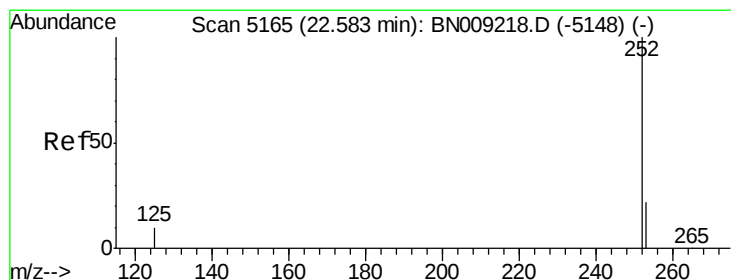
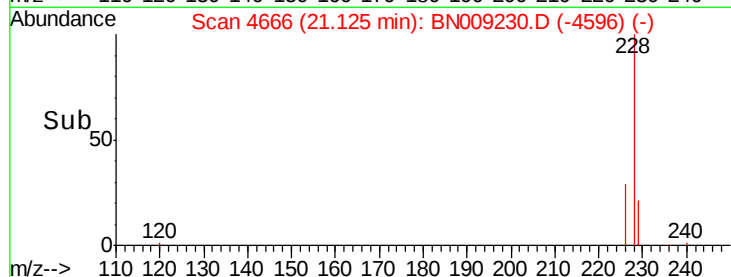
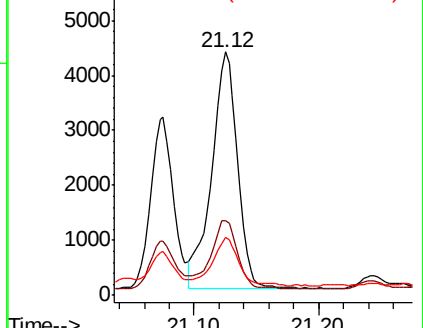
229 23.8 15.4 23.0#



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: 0.265 ng/ul

RT: 22.59 min Scan# 5168

Delta R.T. 0.01 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

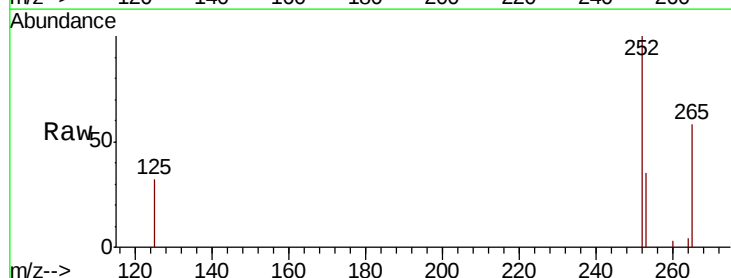
Tgt Ion:252 Resp: 8589

Ion Ratio Lower Upper

252 100

253 34.8 0.0 48.2

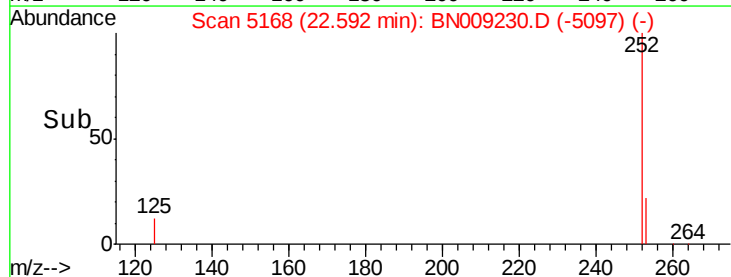
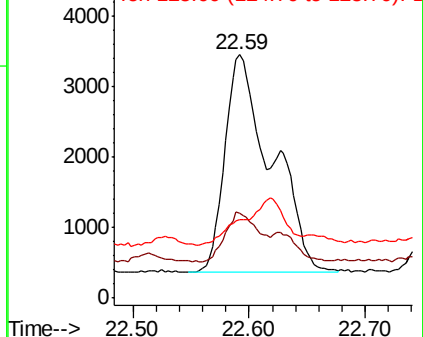
125 32.3 0.0 30.0#

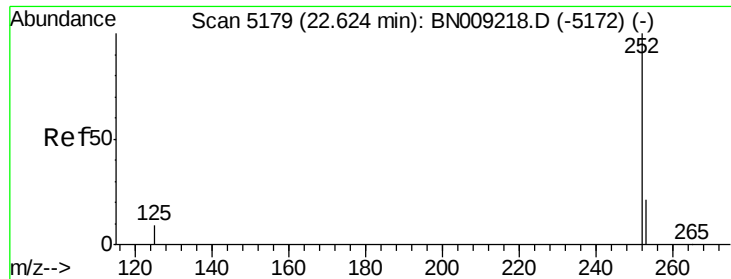


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.263 ng/ul

RT: 22.59 min Scan# 5168

Delta R.T. -0.03 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

Instrument :

BNA_N

ClientSampled :

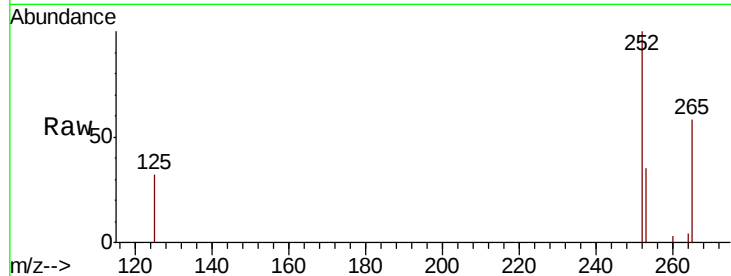
Tot Ion:252 Resp: 8614

Ion Ratio Lower Upper

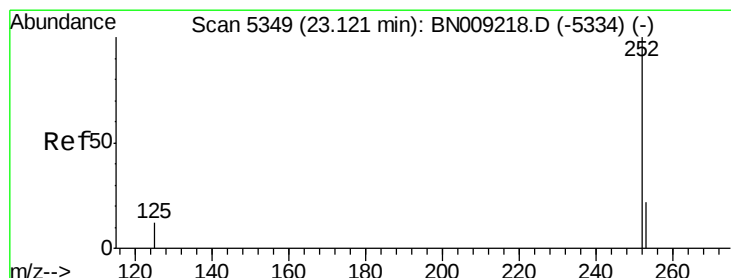
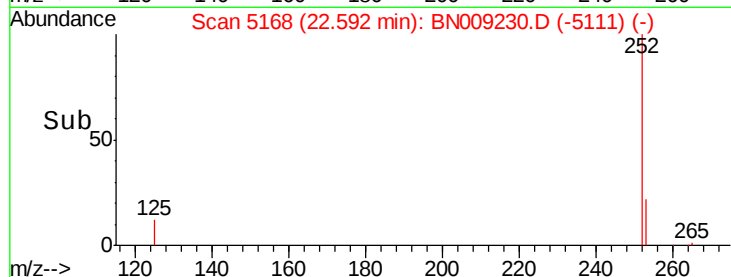
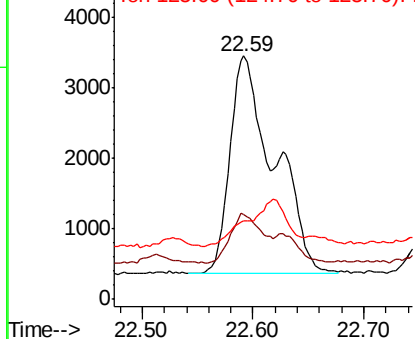
252 100

253 34.8 19.4 29.0#

125 32.3 12.4 18.6#



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: 0.117 ng/ul

RT: 23.12 min Scan# 5350

Delta R.T. 0.00 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

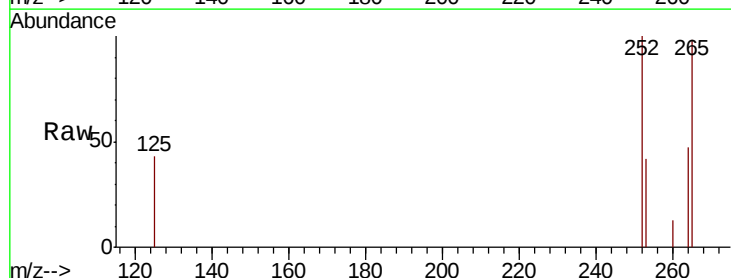
Tgt Ion:252 Resp: 3333

Ion Ratio Lower Upper

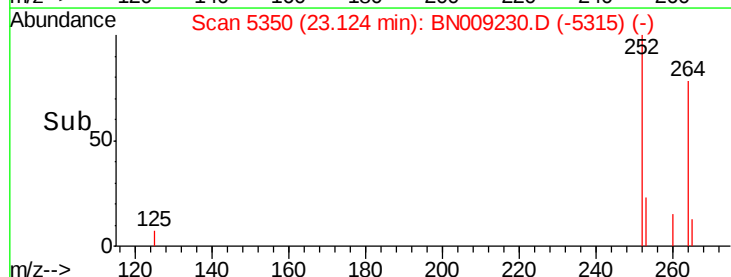
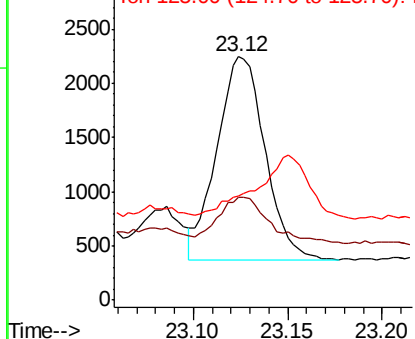
252 100

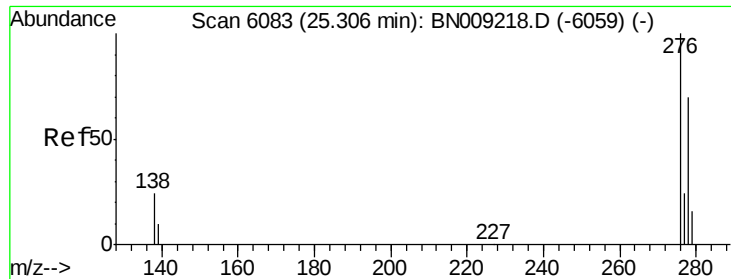
253 42.1 20.2 30.4#

125 42.8 13.2 19.8#



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



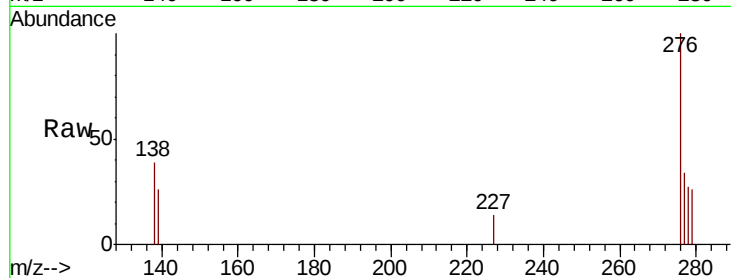


#24

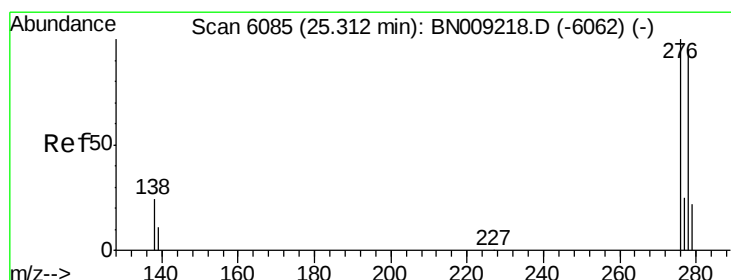
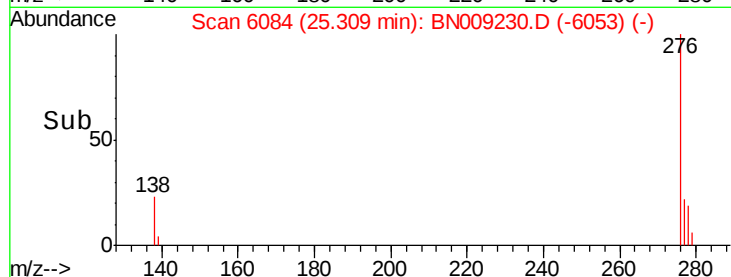
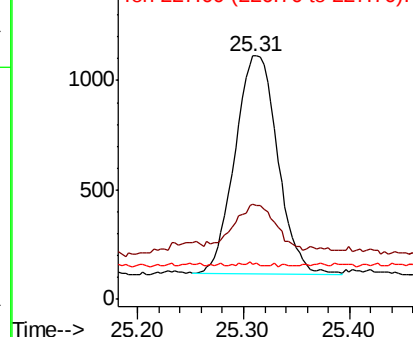
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. 0.00 min
Lab File: BN009230.D
Acq: 28 Dec 2019 16:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 2791
Ion Ratio Lower Upper
276 100
138 22.0 22.4 33.6#
227 0.3 0.2 0.4



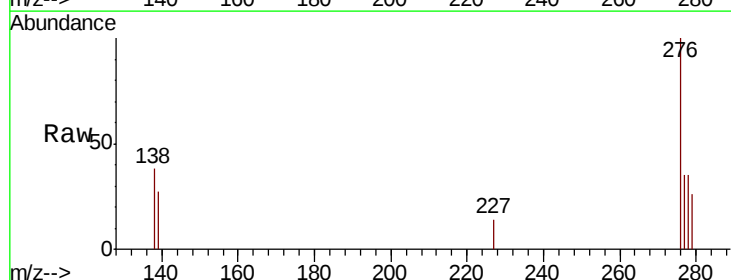
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



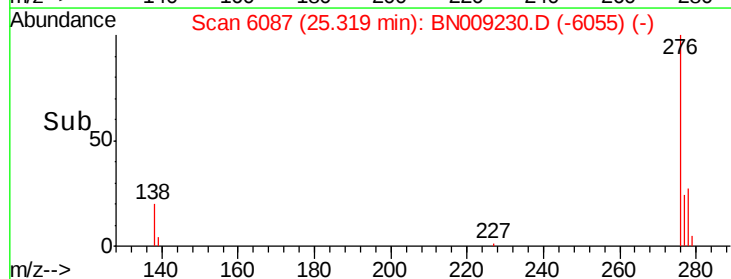
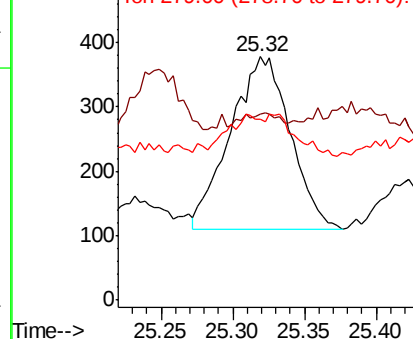
#25

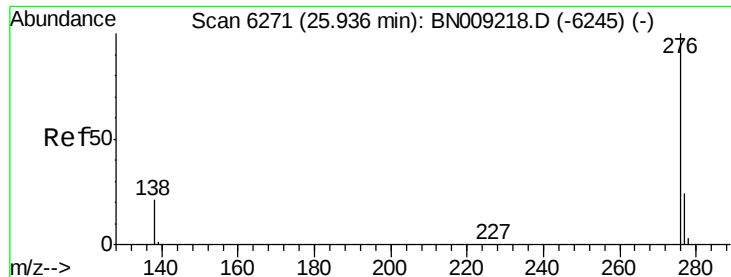
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.32 min Scan# 6087
Delta R.T. 0.01 min
Lab File: BN009230.D
Acq: 28 Dec 2019 16:18

Tgt Ion:278 Resp: 772
Ion Ratio Lower Upper
278 100
139 76.2 16.2 24.2#
279 74.1 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: 0.086 ng/ul

RT: 25.95 min Scan# 6274

Delta R.T. 0.01 min

Lab File: BN009230.D

Acq: 28 Dec 2019 16:18

Instrument :

BNA_N

ClientSampleId :

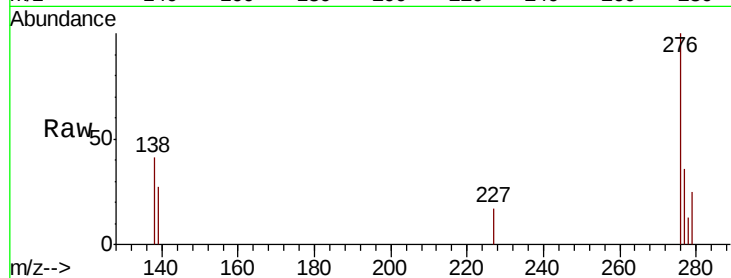
Tot Ion: 276 Resp: 2249

Ion Ratio Lower Upper

276 100

138 41.0 20.6 30.8#

277 35.8 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

