

Data File : BN009266.D
Acq On : 30 Dec 2019 18:55
Operator : JU
Sample : K6322-05DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C35DL

Quant Time: Dec 31 01:03:52 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 : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2519	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9326	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	5030	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9434	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	6728	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6960	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1089	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	2091	0.08	ng/ul	0.00

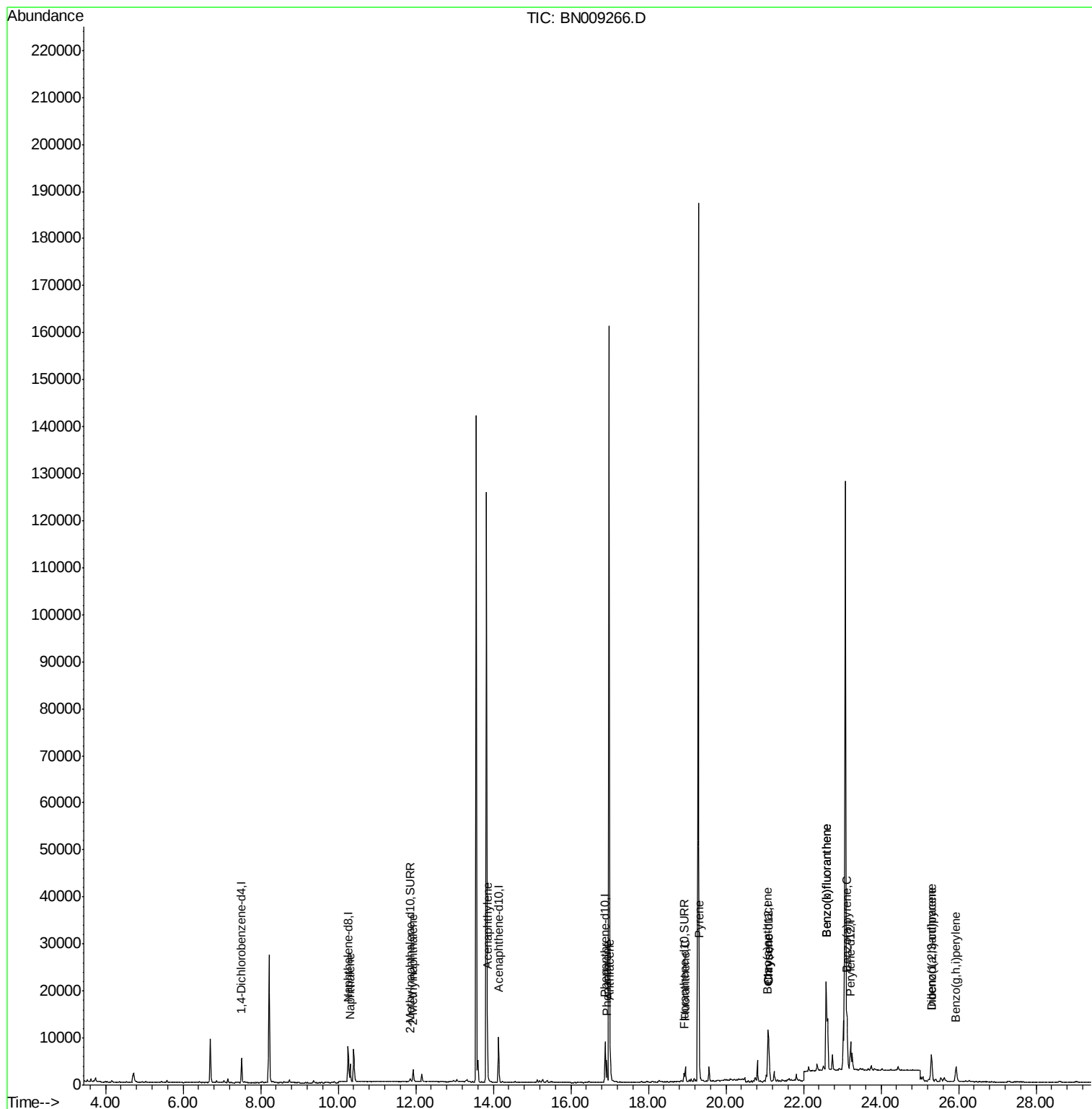
Target Compounds				Qvalue		
3) Naphthalene	10.31	128	5069	0.179	ng/ul	98
5) 2-Methylnaphthalene	11.93	142	2094	0.098	ng/ul	100
7) Acenaphthylene	13.85	152	2062	0.078	ng/ul#	92
12) Phenanthrene	16.92	178	5049	0.154	ng/ul	96
13) Anthracene	17.02	178	6475	0.220	ng/ul	98
15) Fluoranthene	18.95	202	2991	0.080	ng/ul	94
17) Pyrene	19.31	202	4064	0.118	ng/ul	94
18) Benzo(a)anthracene	21.07	228	3672	0.123	ng/ul#	81
19) Chrysene	21.10	228	10372	0.345	ng/ul	93
21) Benzo(b)fluoranthene	22.58	252	39648	1.220	ng/ul	98
22) Benzo(k)fluoranthene	22.58	252	39648	1.210	ng/ul	98
23) Benzo(a)pyrene	23.12	252	13386	0.470	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	8184	0.264	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.31	278	2256	0.091	ng/ul#	69
26) Benzo(g,h,i)perylene	25.93	276	6045	0.231	ng/ul	97

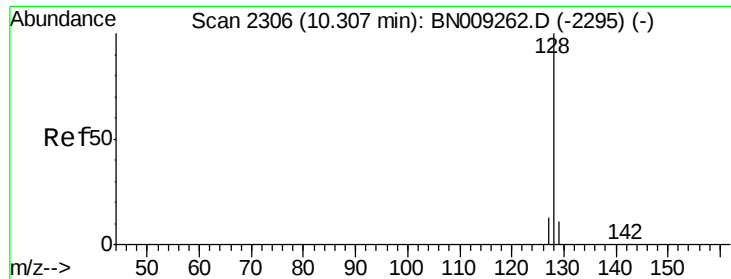
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.179 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL

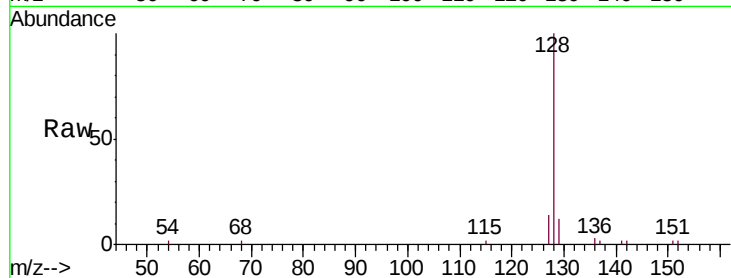
Tgt Ion:128 Resp: 5069

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.4

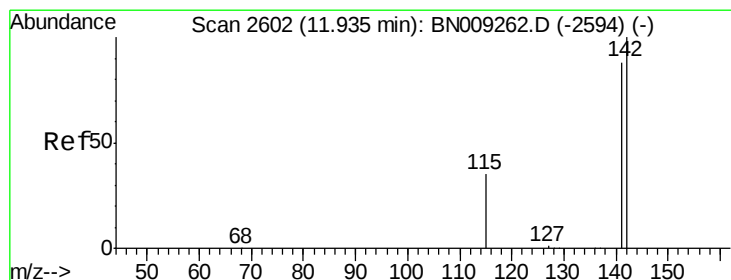
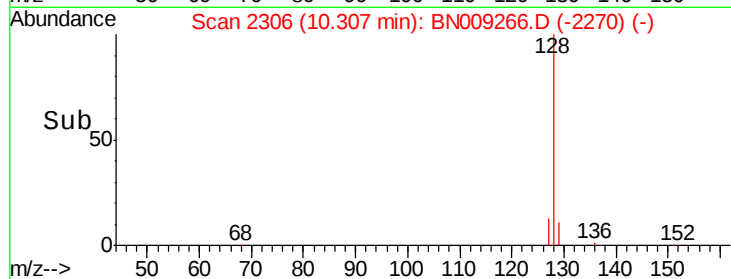
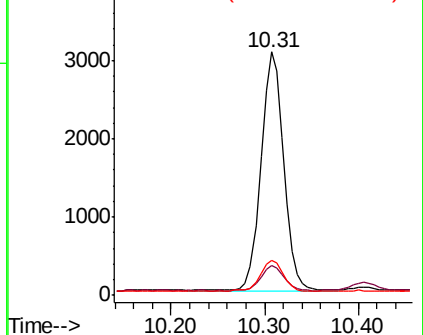
127 14.5 10.9 16.3



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



#5

2-Methylnaphthalene

Concen: 0.098 ng/ul

RT: 11.93 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BN009266.D

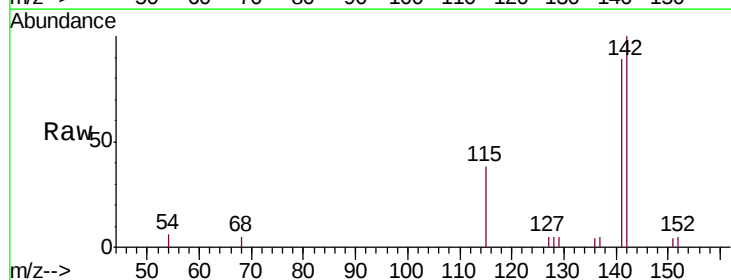
Acq: 30 Dec 2019 18:55

Tgt Ion:142 Resp: 2094

Ion Ratio Lower Upper

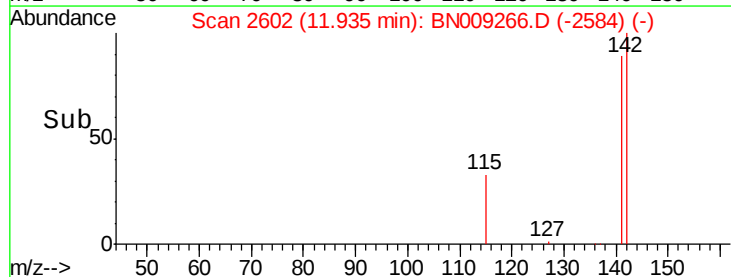
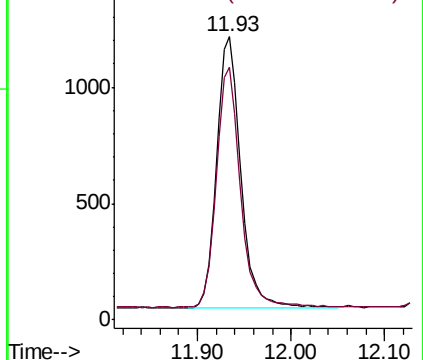
142 100

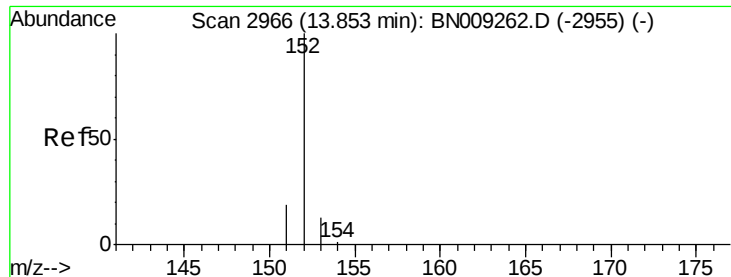
141 88.1 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.078 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL

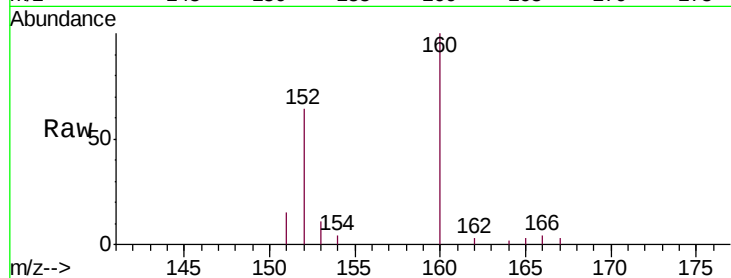
Tgt Ion:152 Resp: 2062

Ion Ratio Lower Upper

152 100

151 23.1 15.7 23.5

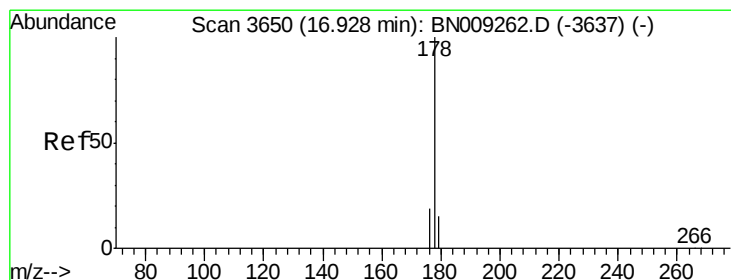
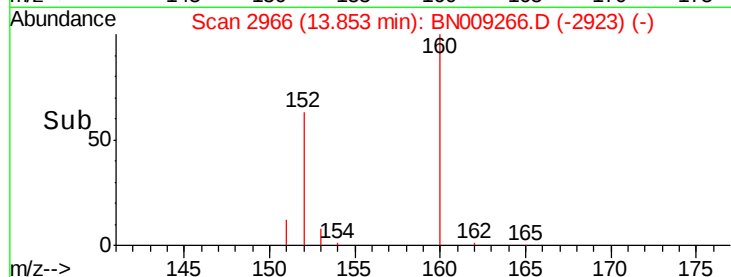
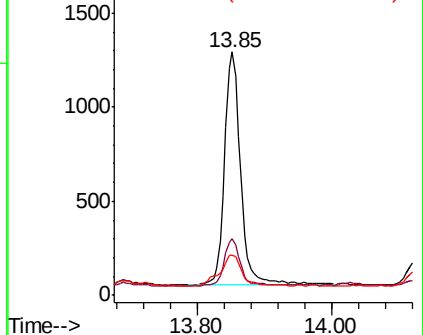
153 16.5 10.8 16.2#



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: 0.154 ng/ul

RT: 16.92 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

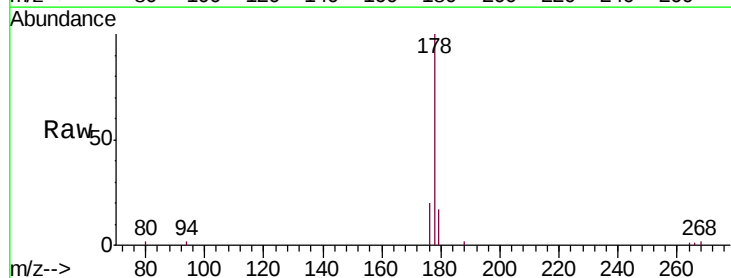
Tgt Ion:178 Resp: 5049

Ion Ratio Lower Upper

178 100

179 17.2 12.3 18.5

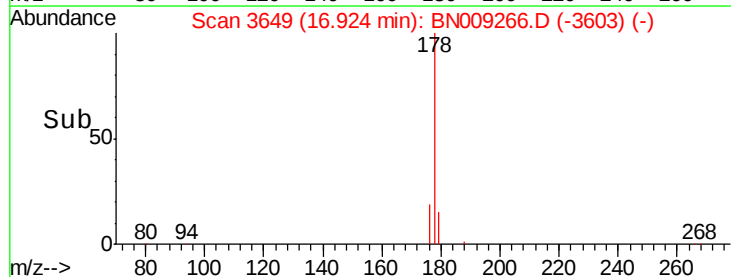
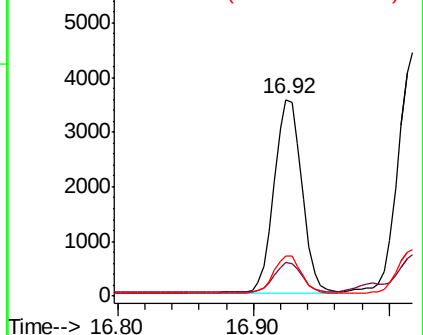
176 20.3 15.1 22.7

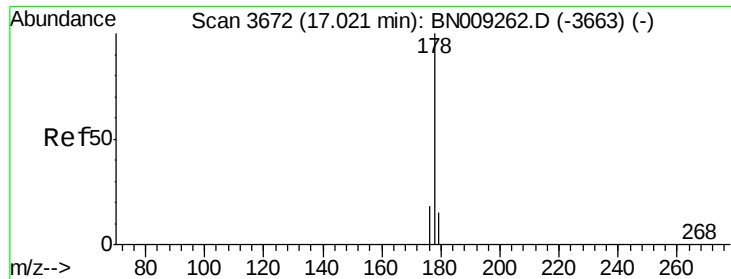


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.220 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL

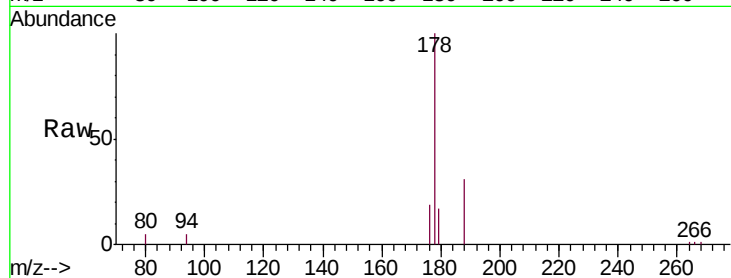
Tgt Ion:178 Resp: 6475

Ion Ratio Lower Upper

178 100

179 16.9 12.5 18.7

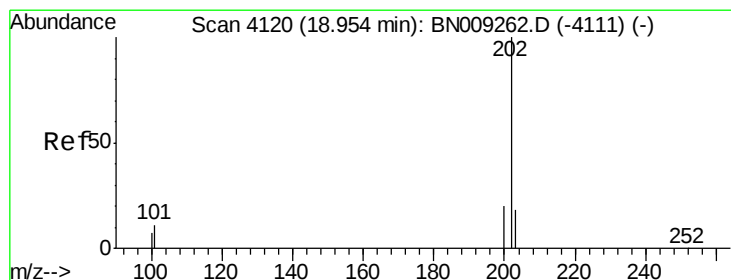
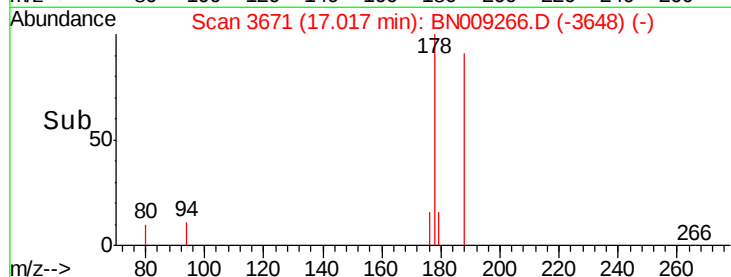
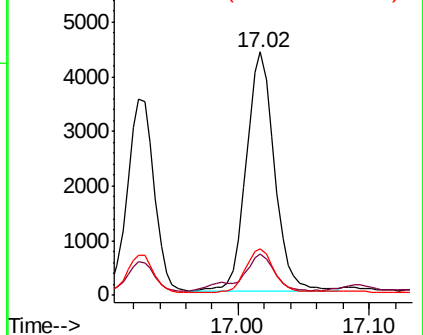
176 19.1 14.9 22.3



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: 0.080 ng/ul

RT: 18.95 min Scan# 4120

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

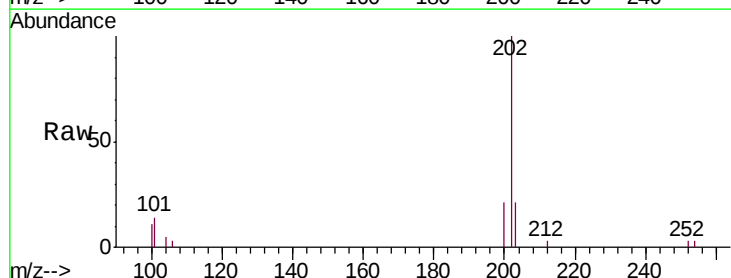
Tgt Ion:202 Resp: 2991

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.5

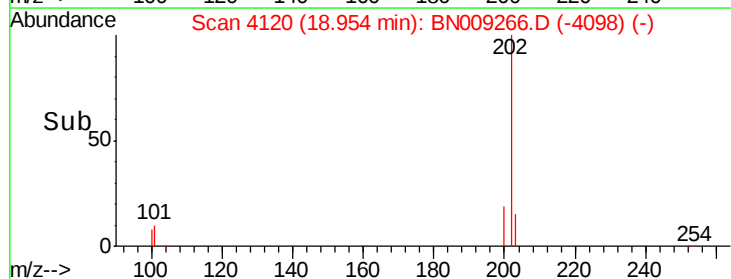
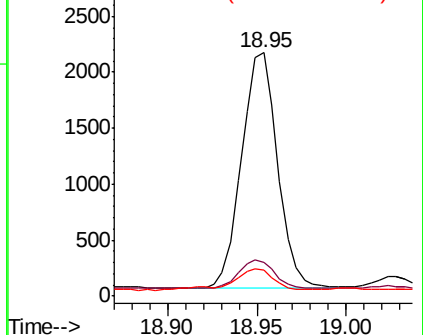
100 10.6 0.0 28.9

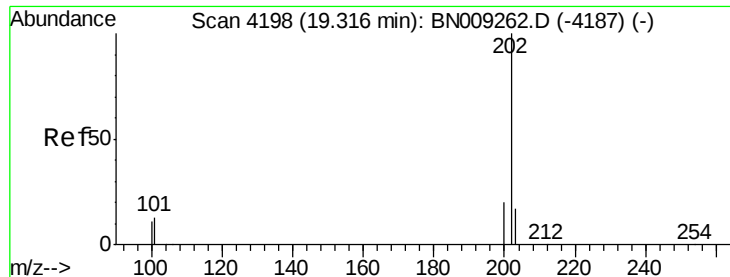


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.118 ng/ul

RT: 19.31 min Scan# 4197

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL

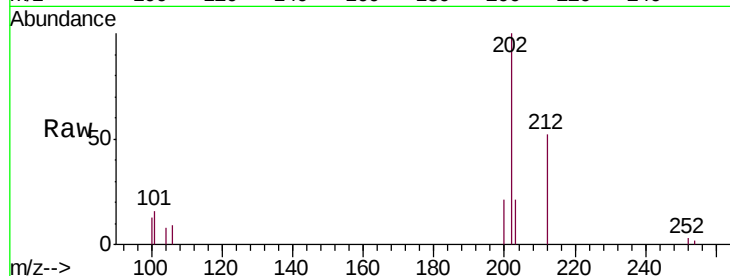
Tgt Ion:202 Resp: 4064

Ion Ratio Lower Upper

202 100

101 16.0 10.9 16.3

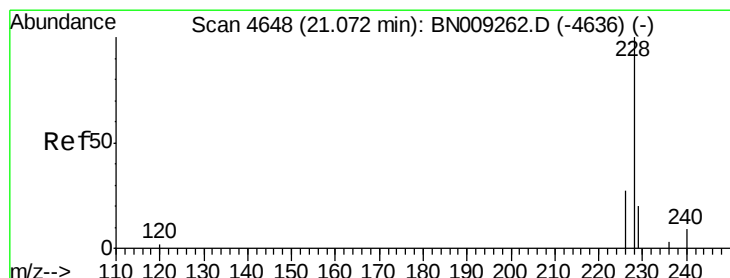
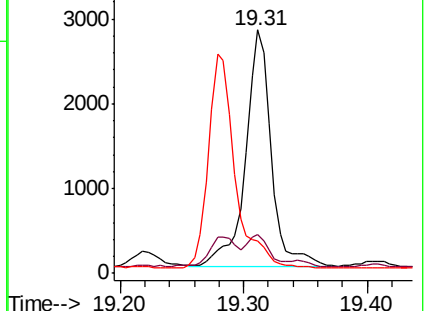
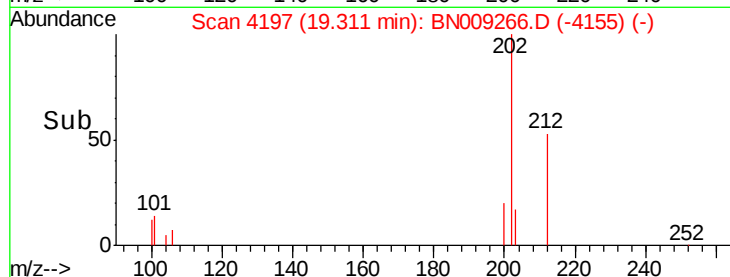
100 13.3 9.0 13.6



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: 0.123 ng/ul

RT: 21.07 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

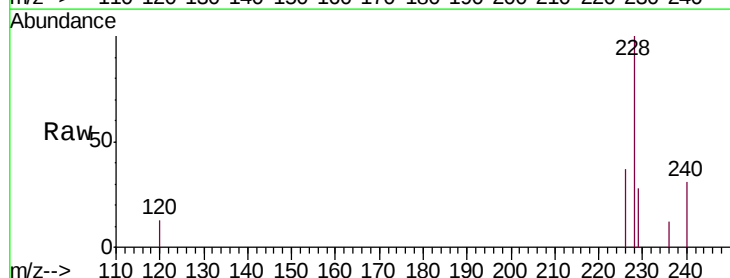
Tgt Ion:228 Resp: 3672

Ion Ratio Lower Upper

228 100

229 28.4 15.5 23.3#

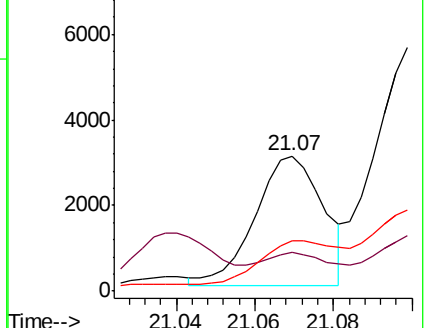
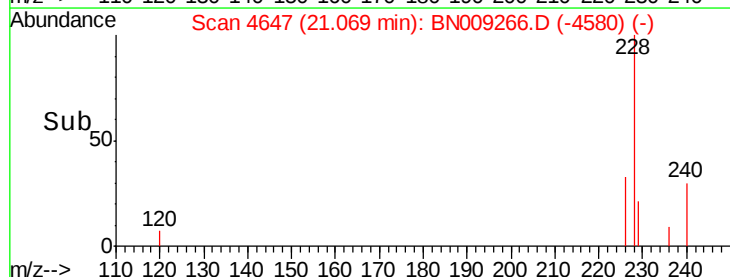
226 36.9 21.7 32.5#

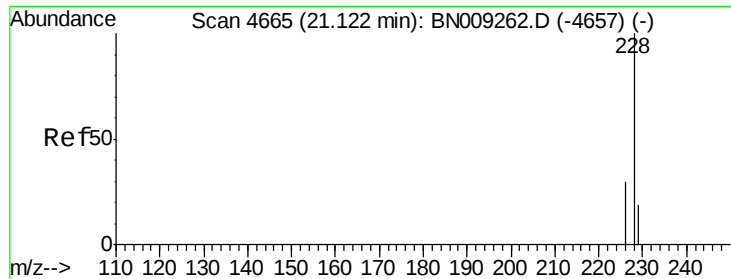


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.345 ng/ul

RT: 21.10 min Scan# 4657

Delta R.T. -0.02 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL

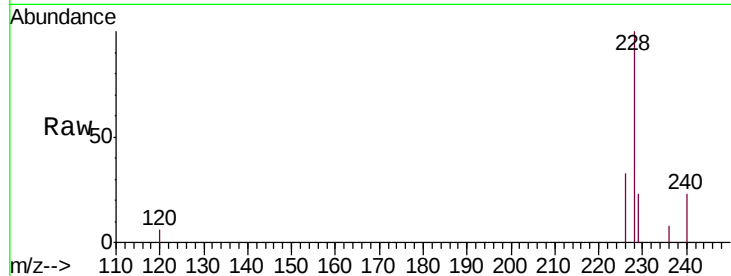
Tgt Ion:228 Resp: 10372

Ion Ratio Lower Upper

228 100

226 33.4 23.7 35.5

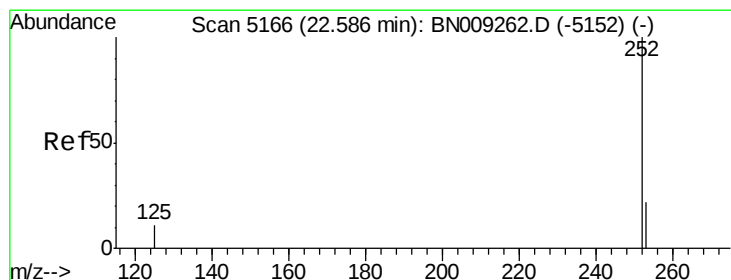
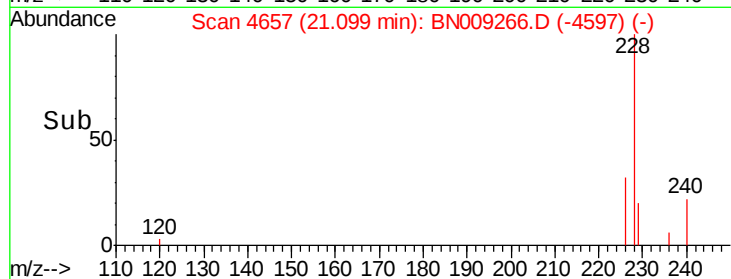
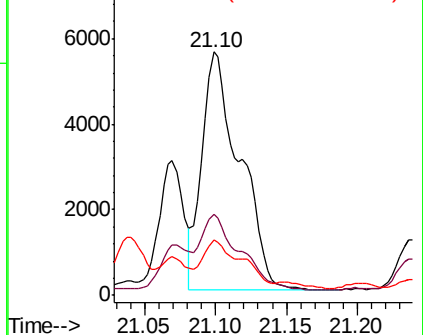
229 22.6 15.4 23.0



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: 1.220 ng/ul

RT: 22.58 min Scan# 5165

Delta R.T. -0.00 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

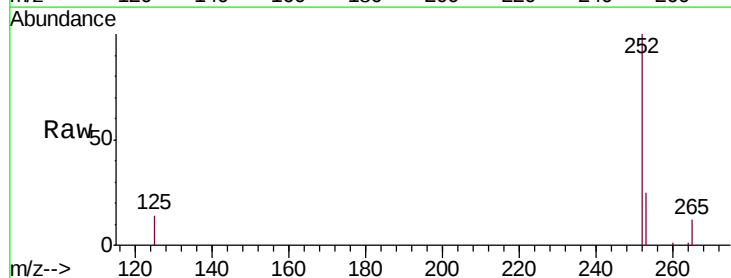
Tgt Ion:252 Resp: 39648

Ion Ratio Lower Upper

252 100

253 24.6 0.0 48.2

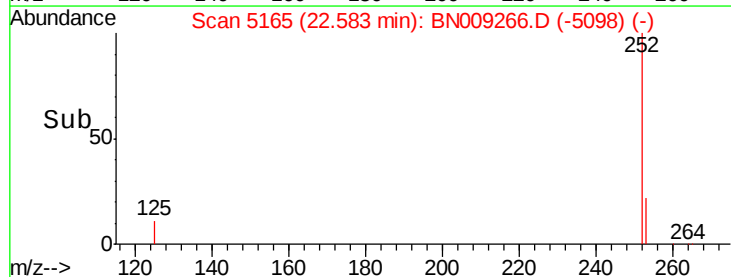
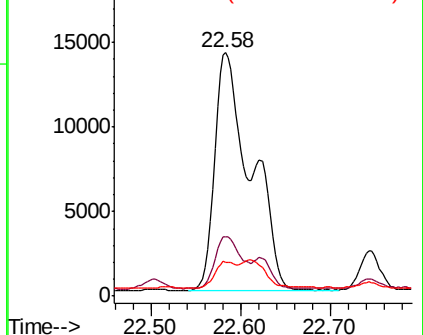
125 14.0 0.0 30.0

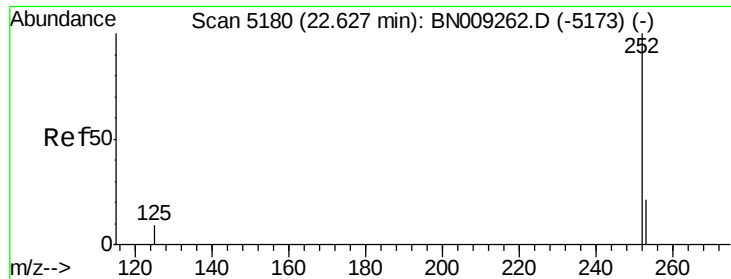


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.210 ng/u1

RT: 22.58 min Scan# 5165

Delta R.T. -0.04 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL

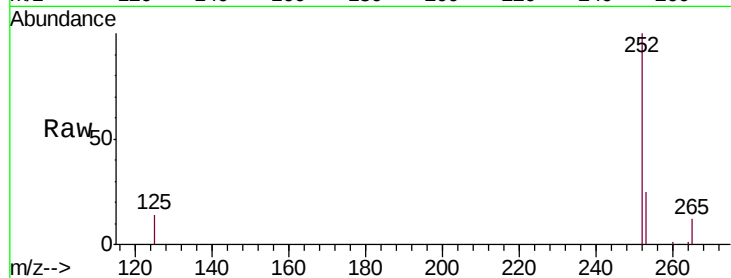
Tgt Ion:252 Resp: 39648

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.0

125 14.0 12.4 18.6

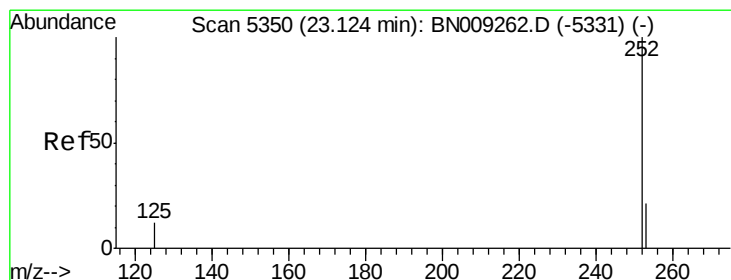
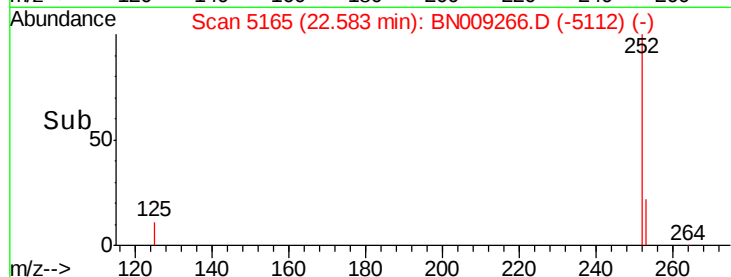
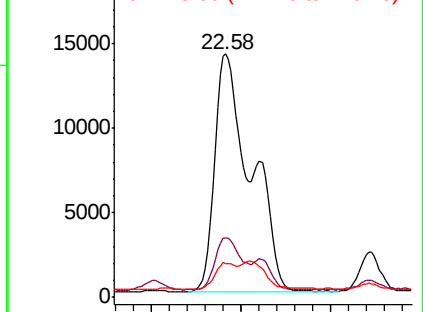


Abundance

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: 0.470 ng/u1

RT: 23.12 min Scan# 5348

Delta R.T. -0.01 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

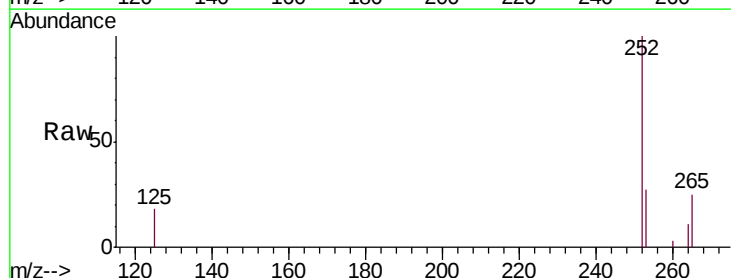
Tgt Ion:252 Resp: 13386

Ion Ratio Lower Upper

252 100

253 27.2 20.2 30.4

125 17.9 13.2 19.8

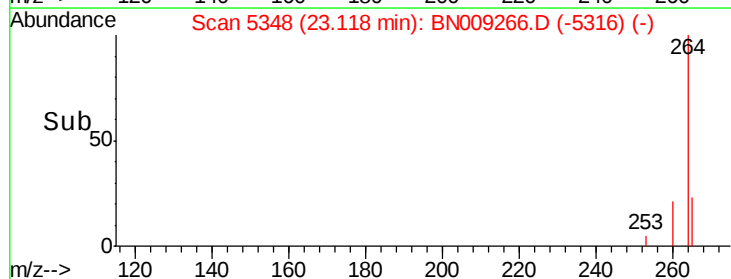
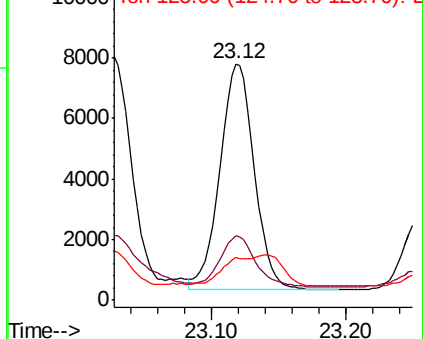


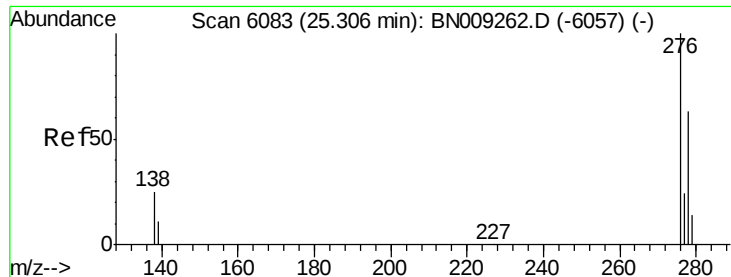
Abundance

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: 0.264 ng/ul

RT: 25.30 min Scan# 6081

Delta R.T. -0.01 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL

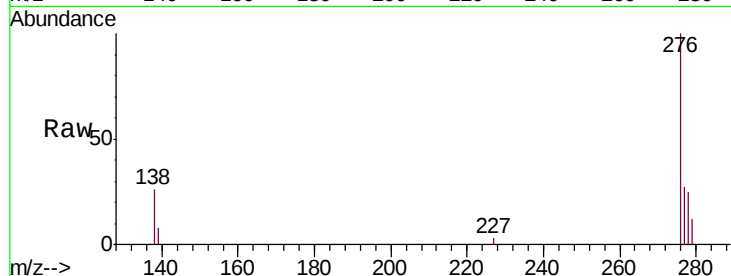
Tgt Ion: 276 Resp: 8184

Ion Ratio Lower Upper

276 100

138 22.5 22.4 33.6

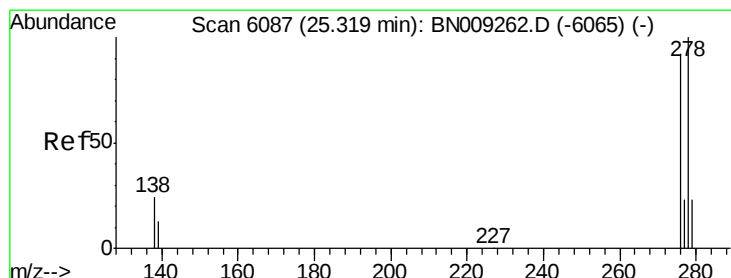
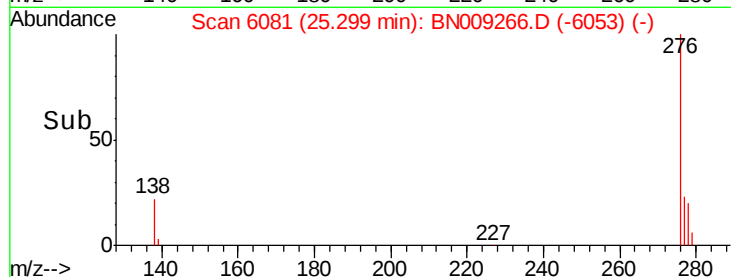
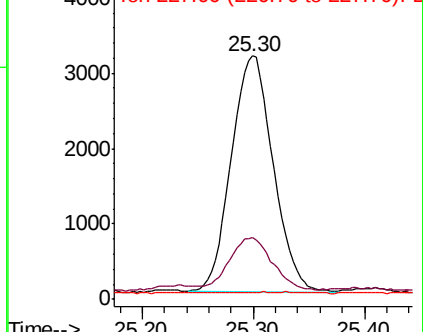
227 0.5 0.2 0.4#



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: 0.091 ng/ul

RT: 25.31 min Scan# 6083

Delta R.T. -0.01 min

Lab File: BN009266.D

Acq: 30 Dec 2019 18:55

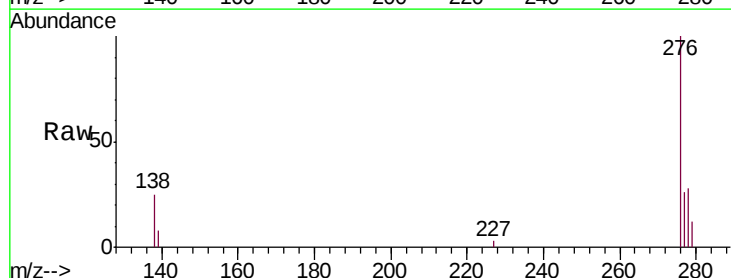
Tgt Ion: 278 Resp: 2256

Ion Ratio Lower Upper

278 100

139 30.1 16.2 24.2#

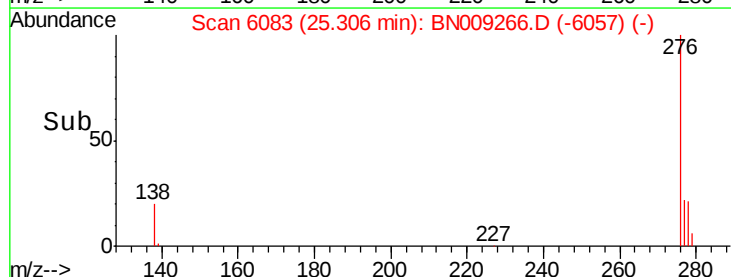
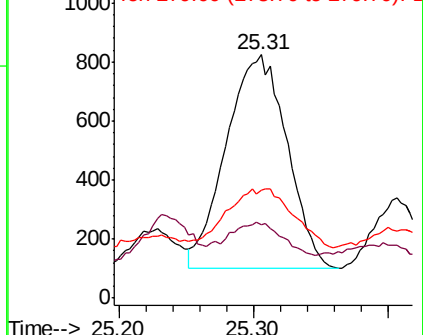
279 44.5 20.3 30.5#

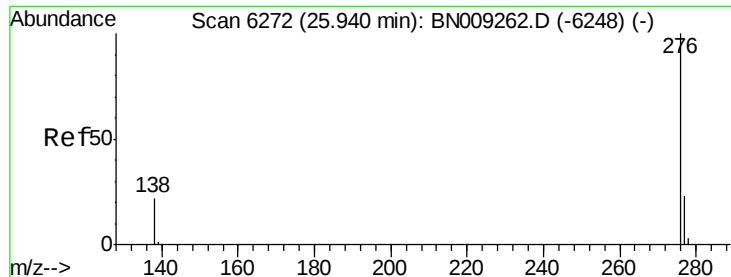


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.231 ng/ul

RT: 25.93 min Scan# 6270

Delta R.T. -0.01 min

Lab File: BN009266.D

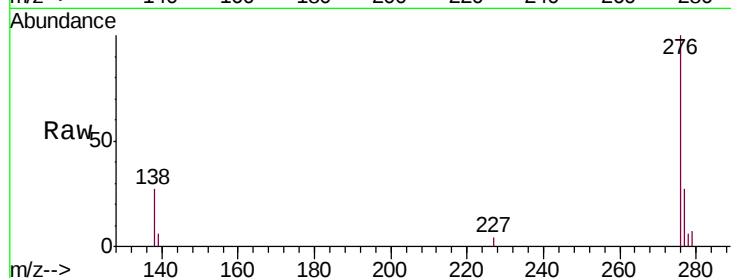
Acq: 30 Dec 2019 18:55

Instrument :

BNA_N

ClientSampleId :

C0C35DL



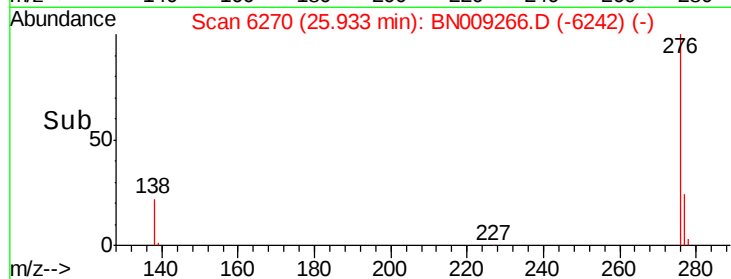
Tgt Ion: 276 Resp: 6045

Ion Ratio Lower Upper

276 100

138 26.7 20.6 30.8

277 26.7 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

