

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011720.D
 Acq On : 05 Sep 2020 03:12
 Operator : CG/JU
 Sample : L3843-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 06:01:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 05:40:34 2020
 Response via : Initial Calibration

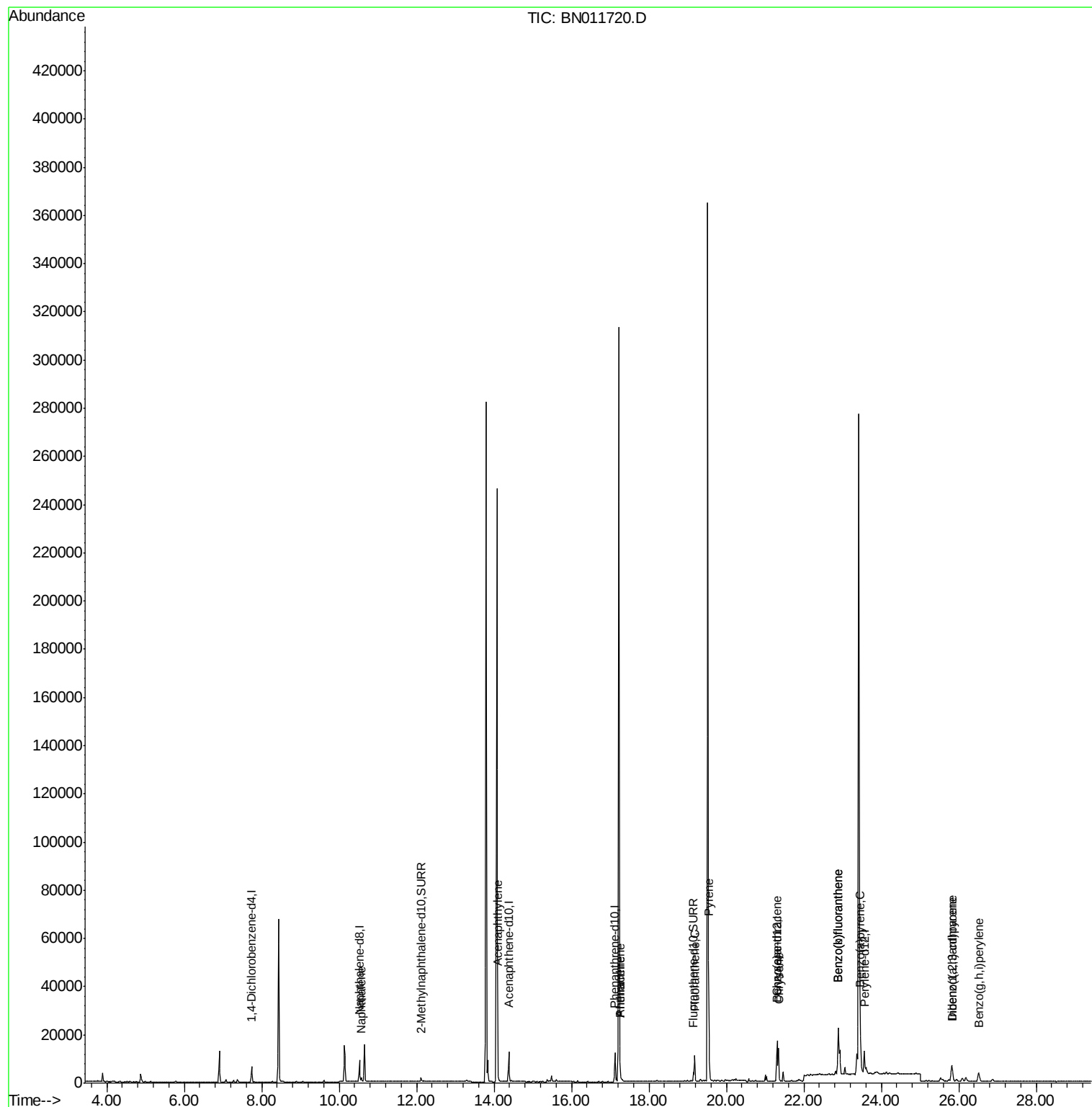
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	11602	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6485	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	13892	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	12041	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	11880	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1939	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	4168	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	2049	0.061	ng/ul	95
7) Acenaphthylene	14.10	152	2464	0.075	ng/ul	99
12) Phenanthrene	17.26	178	2861	0.061	ng/ul	97
13) Anthracene	17.26	178	2846	0.074	ng/ul	97
15) Fluoranthene	19.18	202	9102	0.168	ng/ul	96
17) Pyrene	19.55	202	36100	0.767	ng/ul	99
18) Benzo(a)anthracene	21.30	228	6477	0.160	ng/ul	93
19) Chrysene	21.35	228	14392	0.264	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	42952	0.832	ng/ul	96
22) Benzo(k)fluoranthene	22.89	252	42952	0.752	ng/ul	97
23) Benzo(a)pyrene	23.46	252	17416	0.401	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	10835	0.185	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.83	278	3372	0.071	ng/ul#	81
26) Benzo(g,h,i)perylene	26.52	276	7996	0.146	ng/ul	97

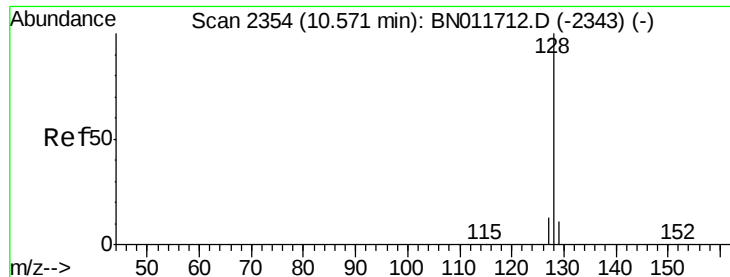
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 05 05:40:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.061 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

Instrument :

BNA_N

ClientSampleId :

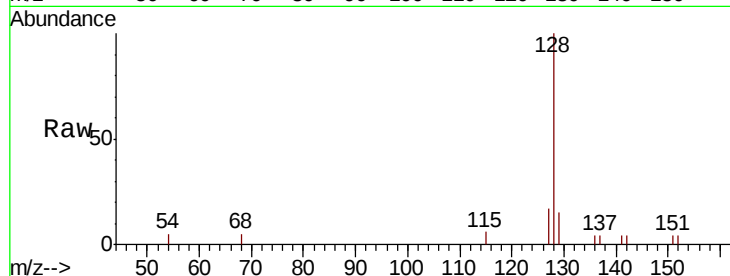
Tot Ion:128 Resp: 2049

Ion Ratio Lower Upper

128 100

129 14.6 10.4 15.6

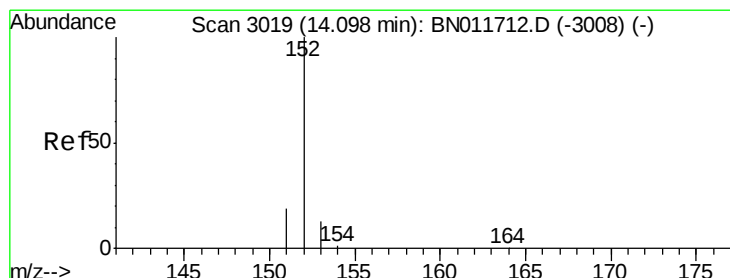
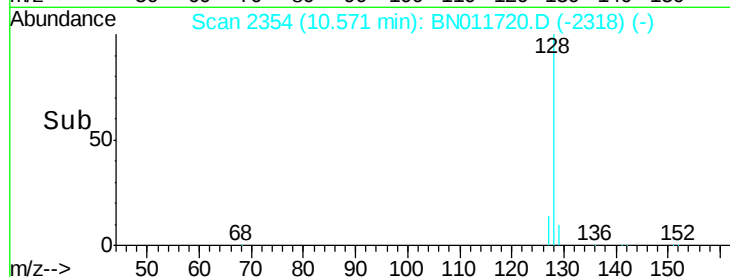
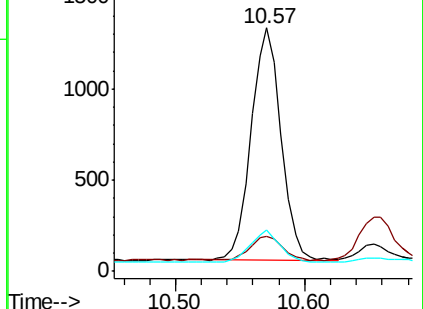
127 16.9 11.4 17.0



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



#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. -0.00 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

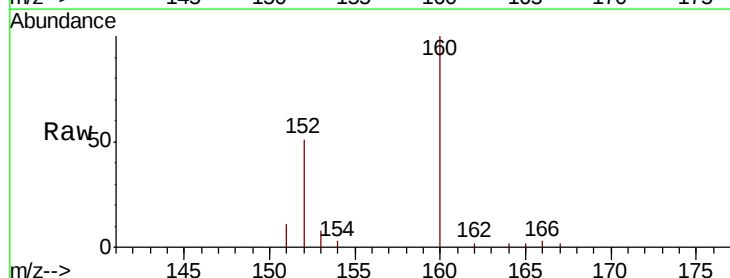
Tgt Ion:152 Resp: 2464

Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1

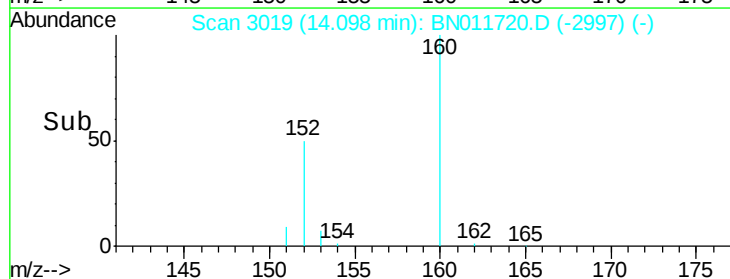
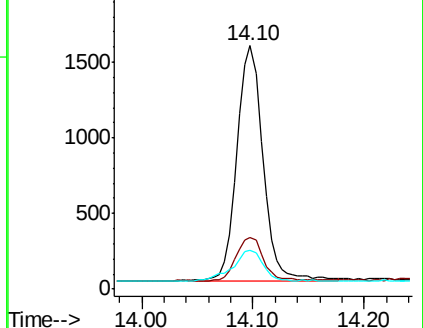
153 15.9 12.3 18.5

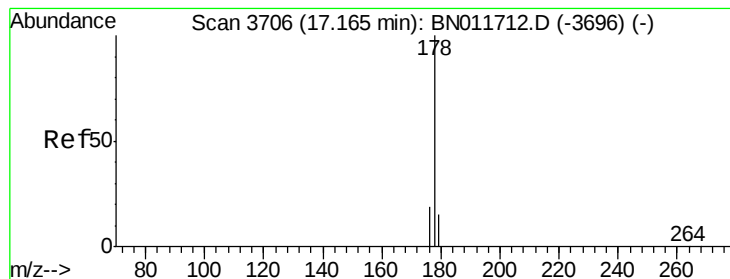


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.061 ng/ul

RT: 17.26 min Scan# 3728

Delta R.T. 0.09 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

Instrument :

BNA_N

ClientSampleId :

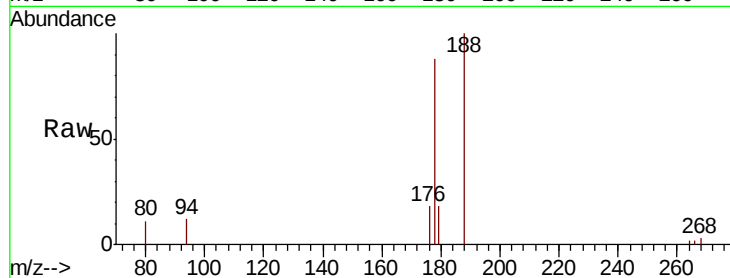
Tot Ion:178 Resp: 2861

Ion Ratio Lower Upper

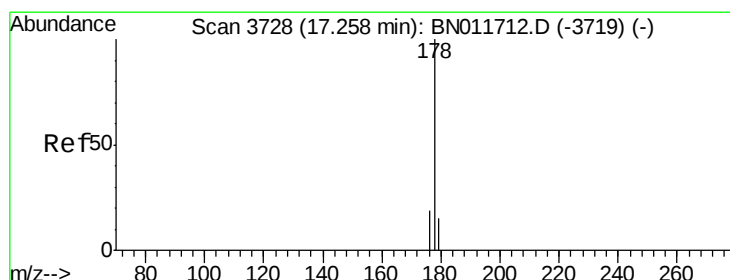
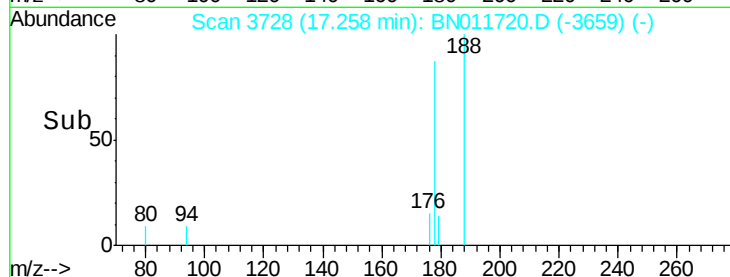
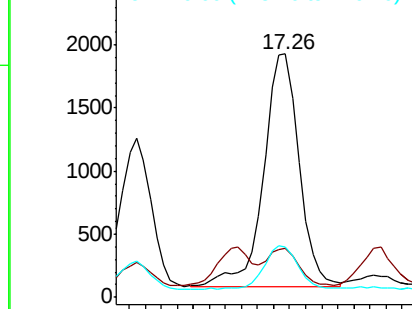
178 100

179 20.2 13.8 20.8

176 20.5 16.3 24.5



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



#13

Anthracene

Concen: 0.074 ng/ul

RT: 17.26 min Scan# 3728

Delta R.T. -0.00 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

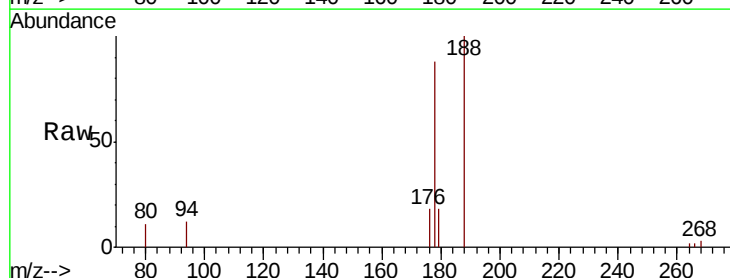
Tgt Ion:178 Resp: 2846

Ion Ratio Lower Upper

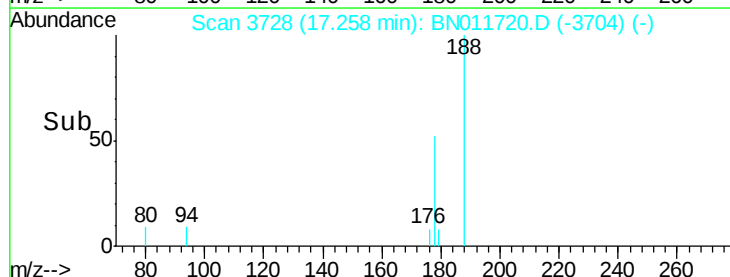
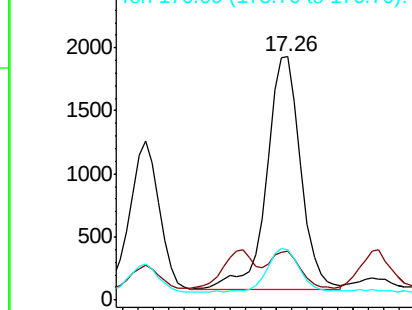
178 100

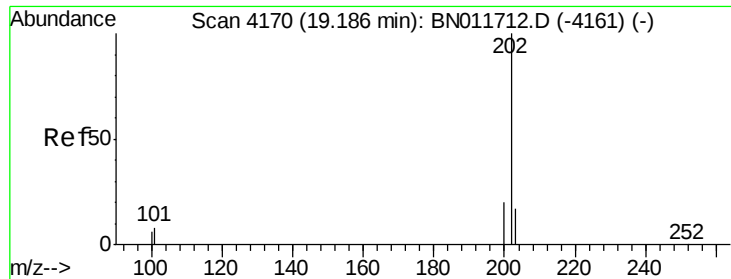
179 20.2 14.2 21.2

176 20.5 15.8 23.8



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: 0.168 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. -0.00 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

Instrument :

BNA_N

ClientSampleId :

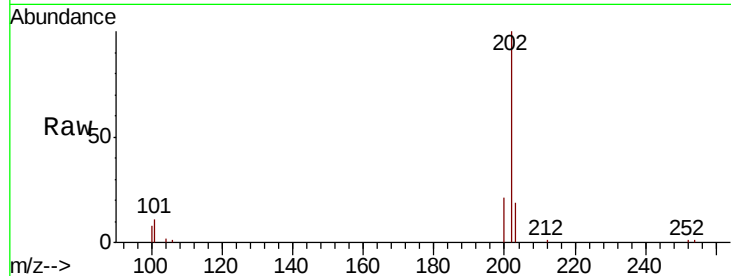
Tot Ion:202 Resp: 9102

Ion Ratio Lower Upper

202 100

101 10.5 0.0 28.3

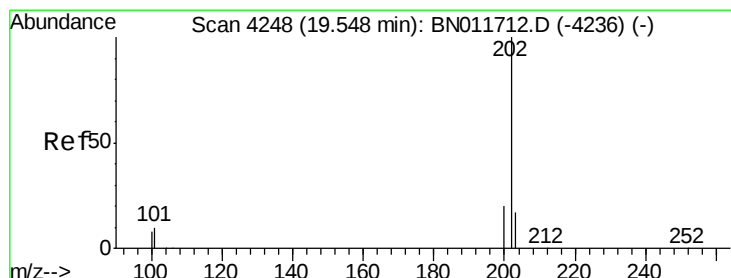
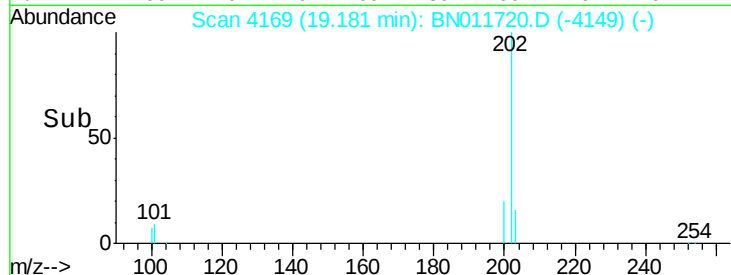
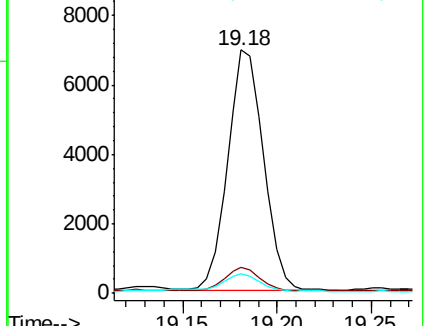
100 7.9 0.0 27.1



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: 0.767 ng/ul

RT: 19.55 min Scan# 4248

Delta R.T. -0.00 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

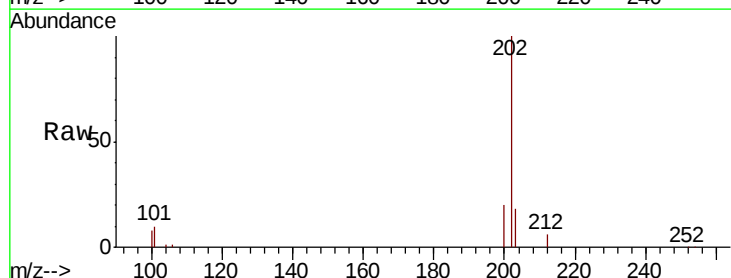
Tgt Ion:202 Resp: 36100

Ion Ratio Lower Upper

202 100

101 10.0 7.3 10.9

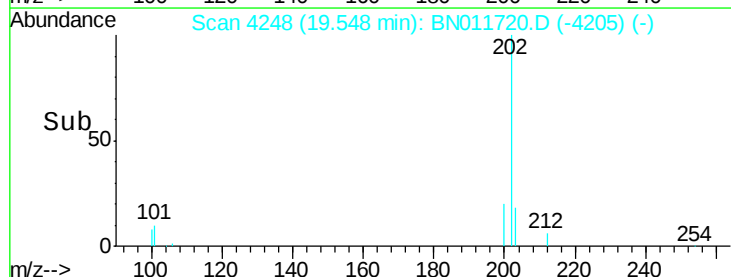
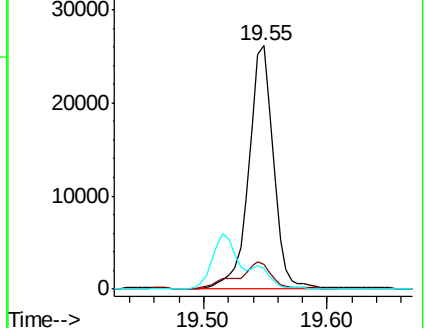
100 8.4 6.7 10.1

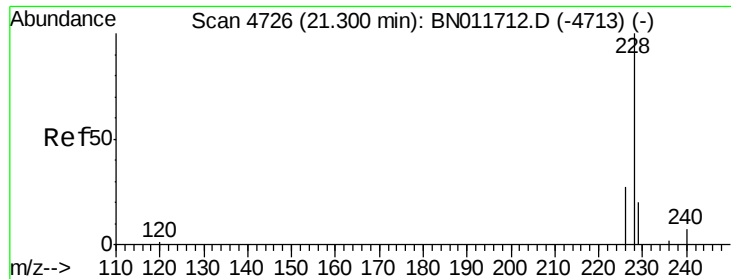


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.160 ng/ul

RT: 21.30 min Scan# 4725

Delta R.T. -0.00 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

Instrument :

BNA_N

ClientSampleId :

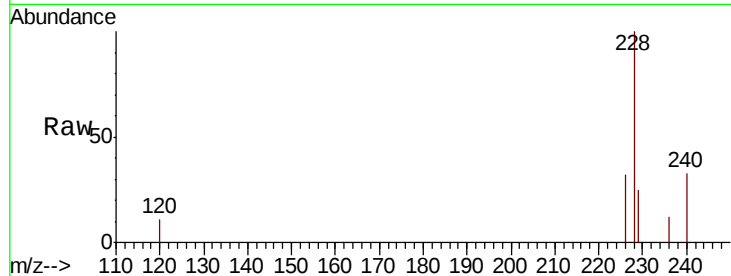
Tot Ion:228 Resp: 6477

Ion Ratio Lower Upper

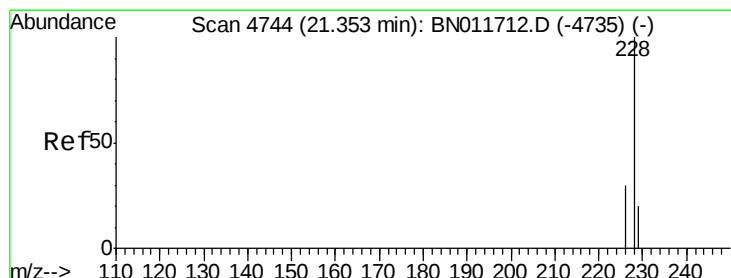
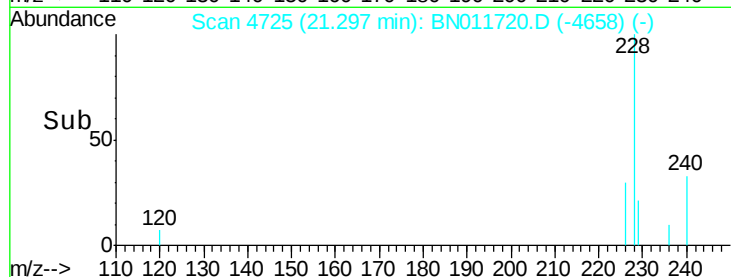
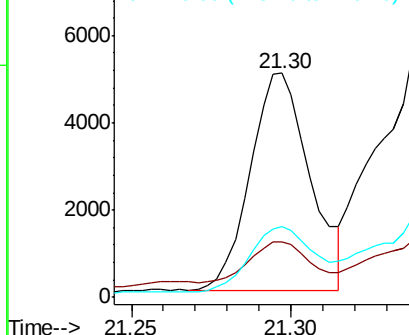
228 100

229 24.6 16.7 25.1

226 31.6 22.9 34.3



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: 0.264 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

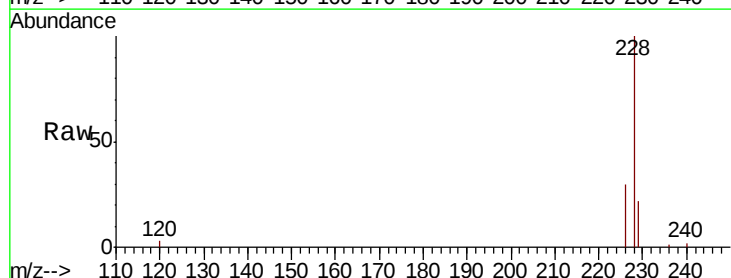
Tgt Ion:228 Resp: 14392

Ion Ratio Lower Upper

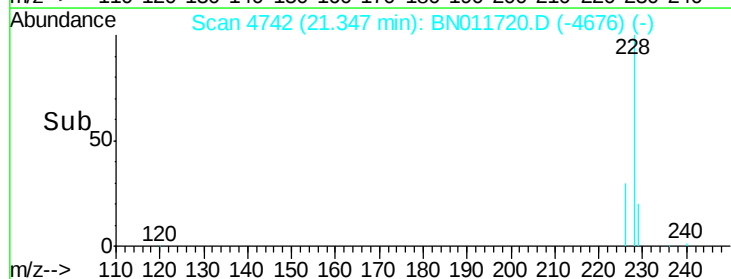
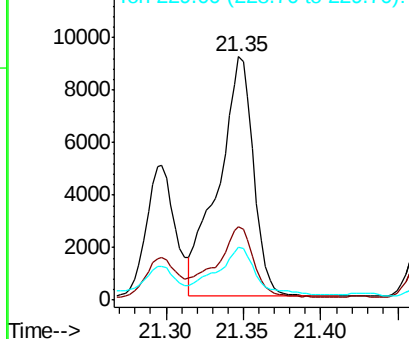
228 100

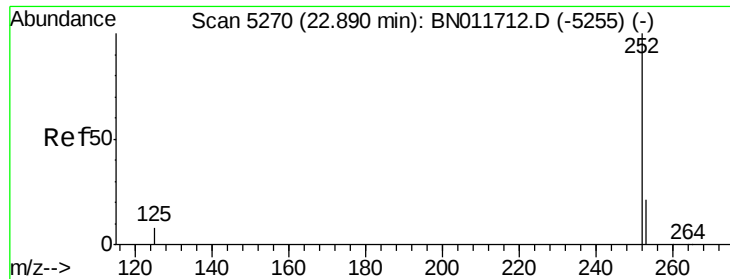
226 30.2 24.1 36.1

229 21.6 16.4 24.6



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: 0.832 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.00 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

Instrument :

BNA_N

ClientSampleId :

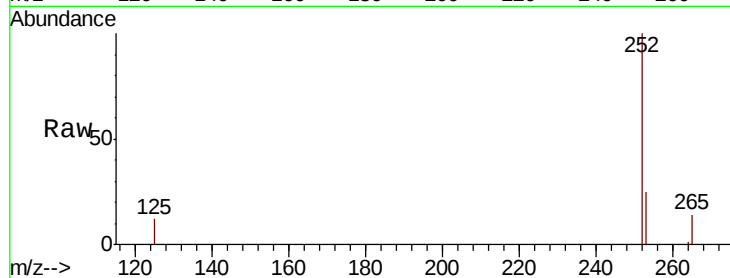
Tot Ion:252 Resp: 42952

Ion Ratio Lower Upper

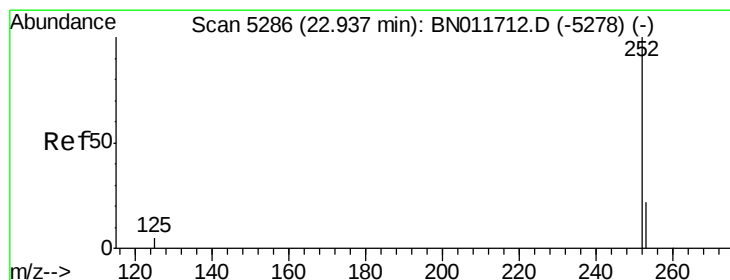
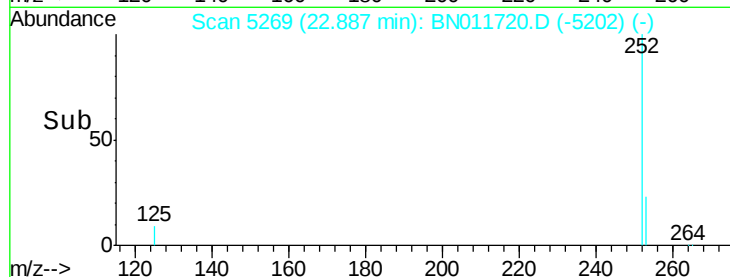
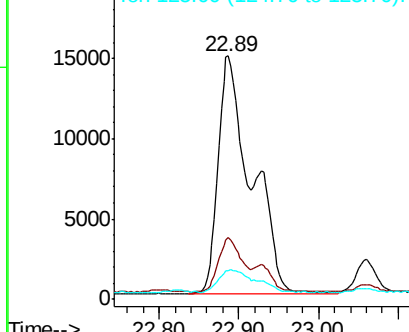
252 100

253 25.3 0.0 54.8

125 12.0 0.0 22.2



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: 0.752 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.05 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

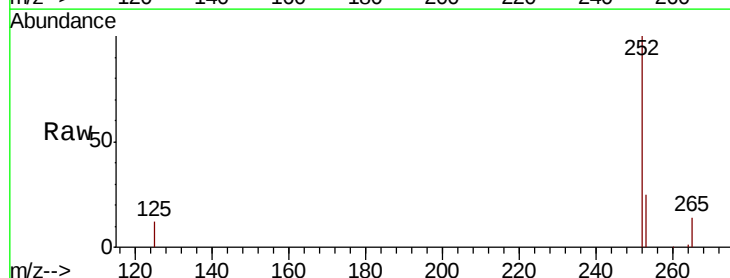
Tgt Ion:252 Resp: 42952

Ion Ratio Lower Upper

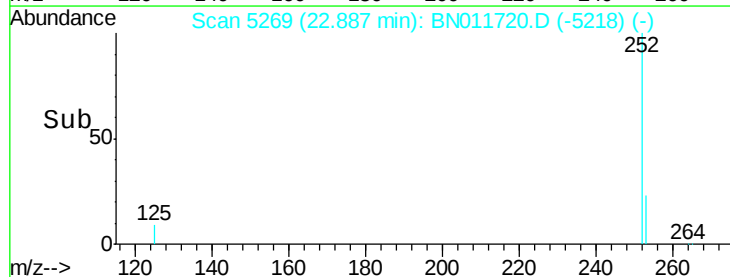
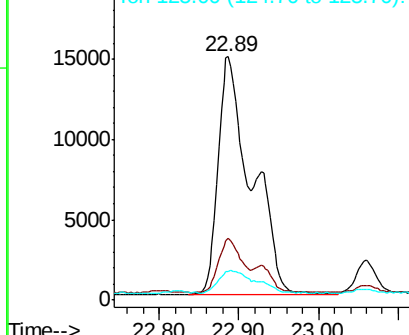
252 100

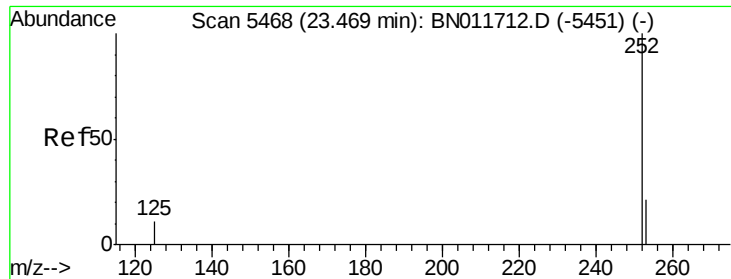
253 25.3 21.8 32.6

125 12.0 9.1 13.7



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: 0.401 ng/u1

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

Instrument :

BNA_N

ClientSampleId :

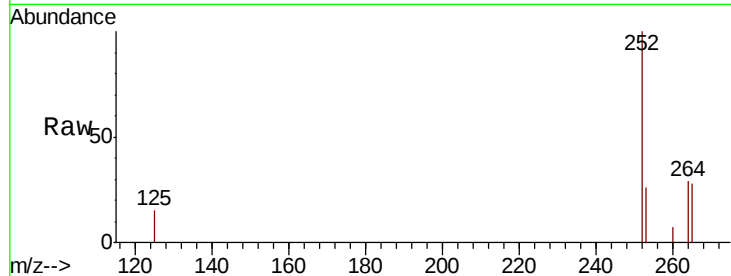
Tot Ion:252 Resp: 17416

Ion Ratio Lower Upper

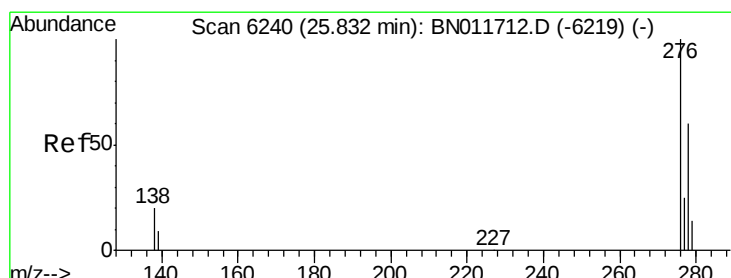
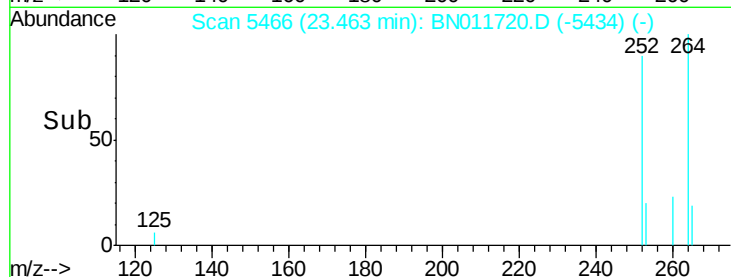
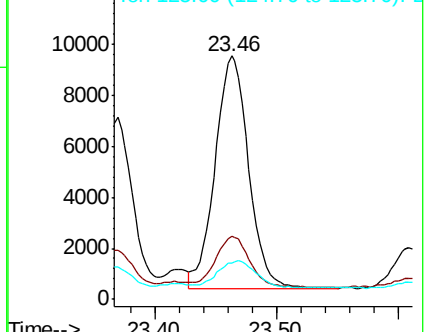
252 100

253 25.9 24.4 36.6

125 15.1 11.1 16.7



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: 0.185 ng/u1

RT: 25.82 min Scan# 6237

Delta R.T. -0.01 min

Lab File: BN011720.D

Acq: 05 Sep 2020 03:12

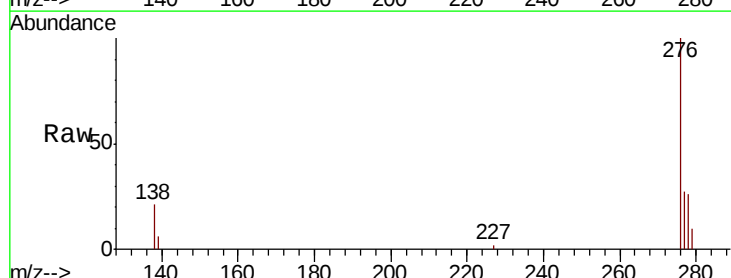
Tgt Ion:276 Resp: 10835

Ion Ratio Lower Upper

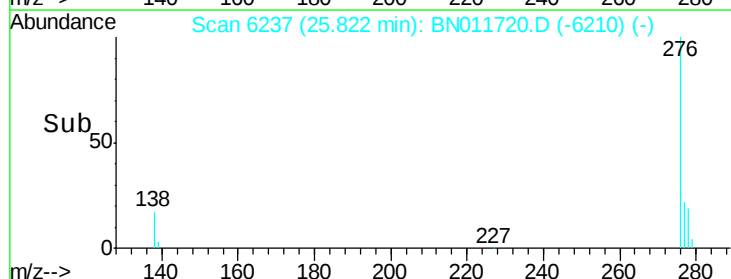
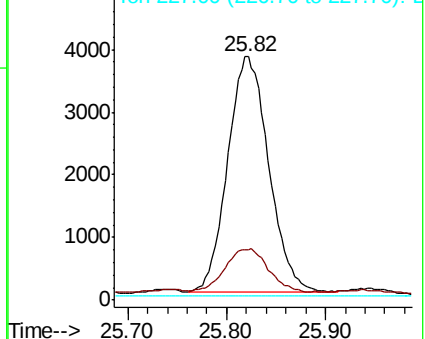
276 100

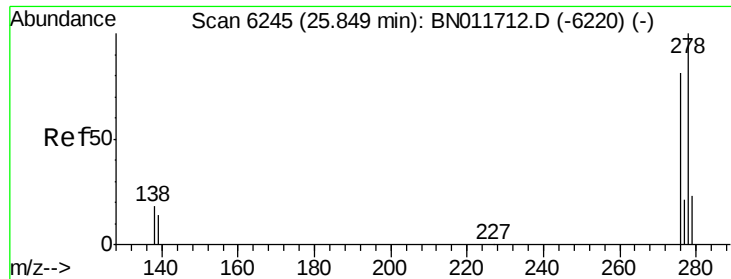
138 0.0 15.8 23.6#

227 0.1 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

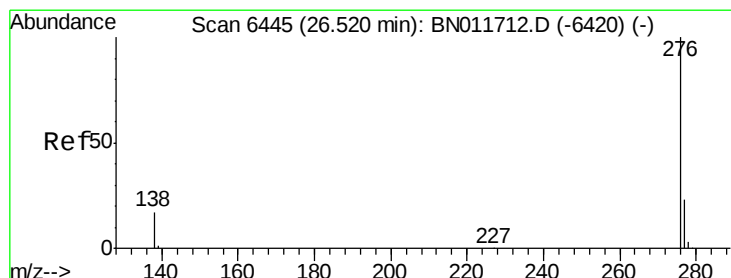
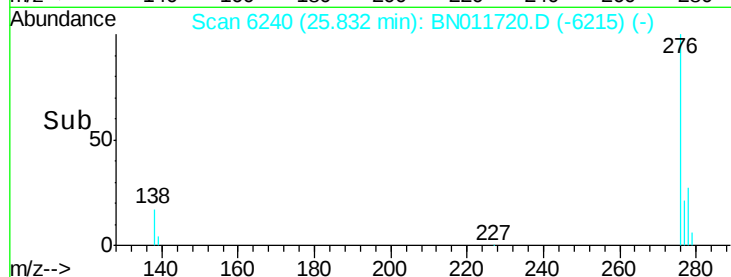
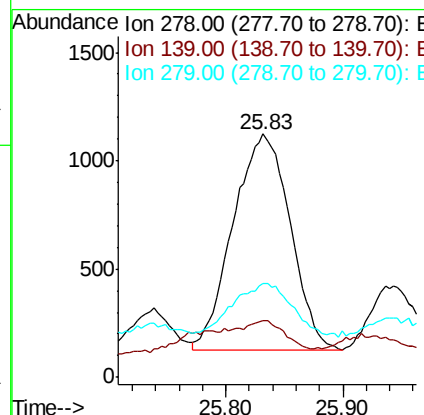
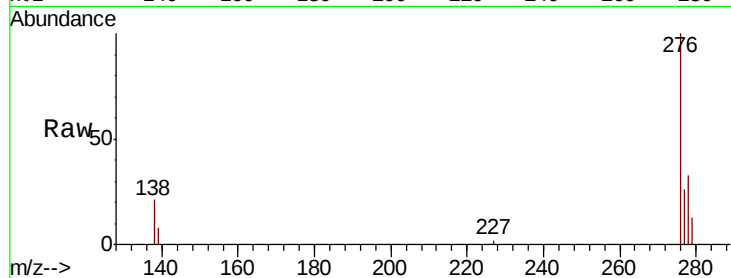




#25
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011720.D
Acq: 05 Sep 2020 03:12

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 3372
Ion Ratio Lower Upper
278 100
139 23.0 12.1 18.1#
279 38.6 22.9 34.3#



#26
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 26.52 min Scan# 6444
Delta R.T. -0.00 min
Lab File: BN011720.D
Acq: 05 Sep 2020 03:12

Tgt Ion:276 Resp: 7996
Ion Ratio Lower Upper
276 100
138 21.8 15.8 23.6
277 25.3 20.6 31.0

