

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011716.D
 Acq On : 05 Sep 2020 00:47
 Operator : CG/JU
 Sample : L3840-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 06:01:25 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

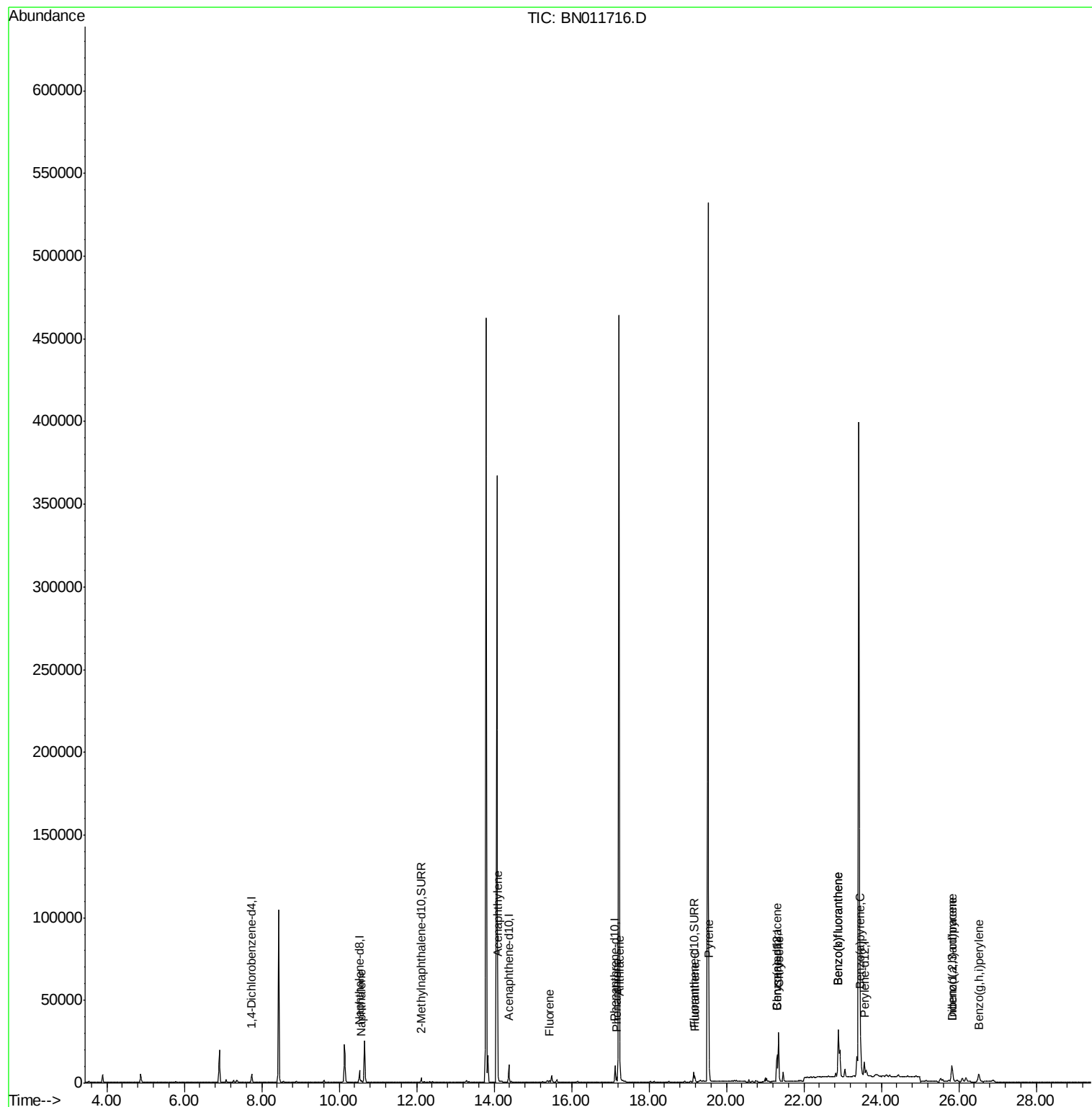
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2473	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5424	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	11680	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	10731	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	10835	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2931	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6136	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	1072	0.038	ng/ul#	88
7) Acenaphthylene	14.10	152	4314	0.158	ng/ul	98
9) Fluorene	15.43	166	637	0.025	ng/ul#	91
12) Phenanthrene	17.16	178	3440	0.087	ng/ul	98
13) Anthracene	17.25	178	5329	0.164	ng/ul	99
15) Fluoranthene	19.19	202	2981	0.066	ng/ul	92
17) Pyrene	19.55	202	13553	0.323	ng/ul#	95
18) Benzo(a)anthracene	21.30	228	10346	0.287	ng/ul	95
19) Chrysene	21.35	228	27819	0.573	ng/ul	100
21) Benzo(b)fluoranthene	22.89	252	65482	1.390	ng/ul	96
22) Benzo(k)fluoranthene	22.89	252	65482	1.258	ng/ul	96
23) Benzo(a)pyrene	23.46	252	26987	0.682	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	15545	0.291	ng/ul	100
25) Dibenzo(a,h)anthracene	25.83	278	4846	0.111	ng/ul#	87
26) Benzo(g,h,i)perylene	26.51	276	10065	0.201	ng/ul	97

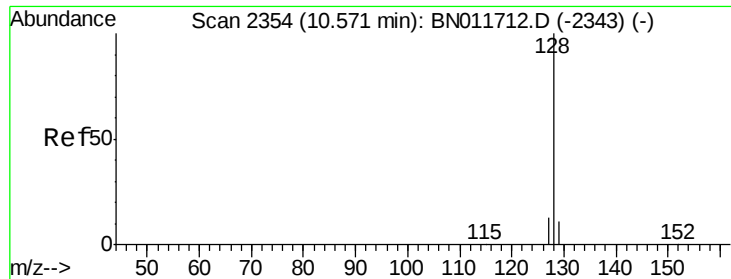
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
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ALS Vial : 20 Sample Multiplier: 1

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BNA_N
ClientSampleId :

Quant Time: Sep 05 06:01:25 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





#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

ClientSampled :

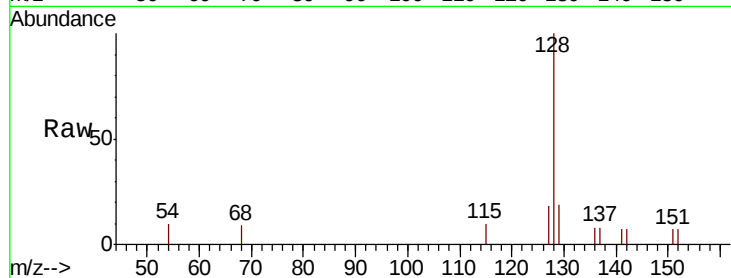
Tot Ion:128 Resp: 1072

Ion Ratio Lower Upper

128 100

129 18.9 10.4 15.6#

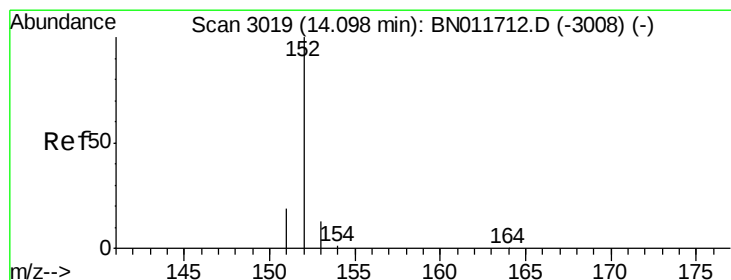
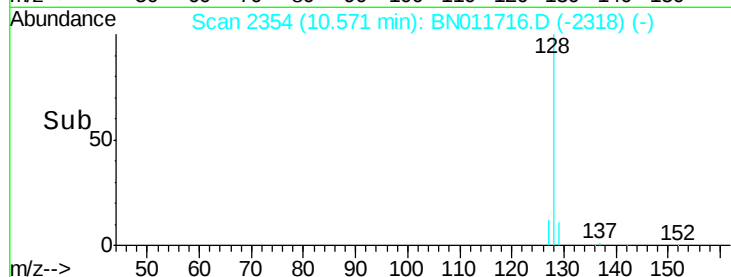
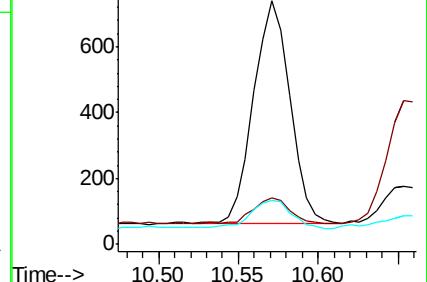
127 18.1 11.4 17.0#



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: 0.158 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

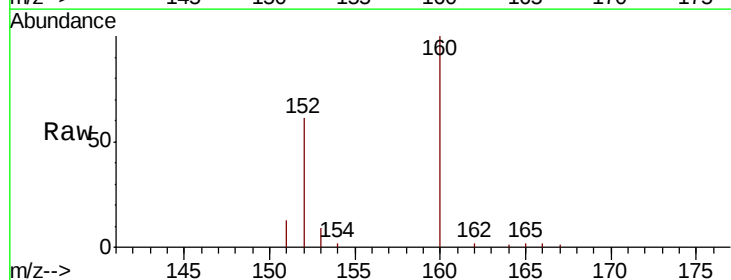
Tgt Ion:152 Resp: 4314

Ion Ratio Lower Upper

152 100

151 21.8 16.7 25.1

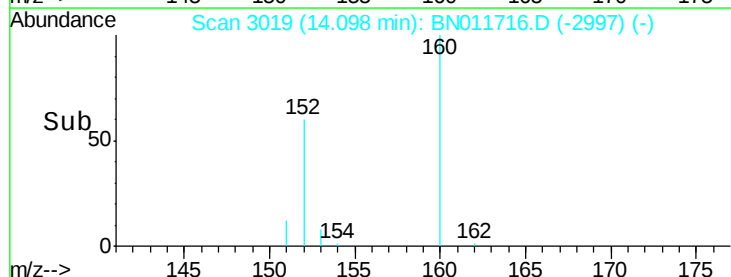
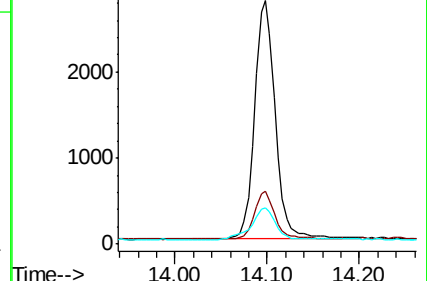
153 15.1 12.3 18.5

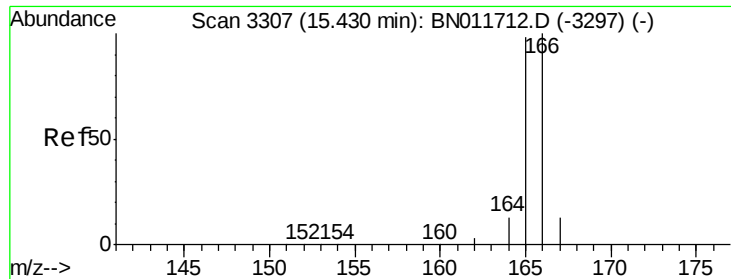


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.43 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

ClientSampleId :

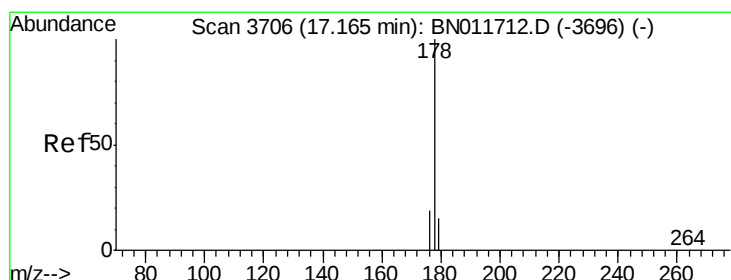
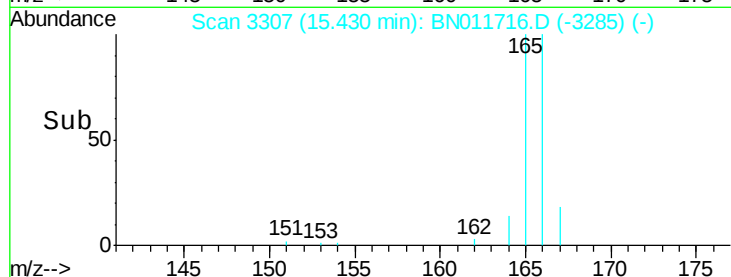
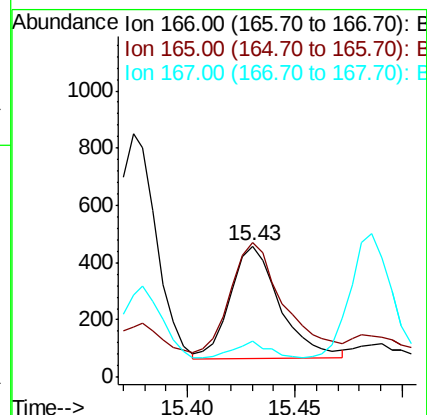
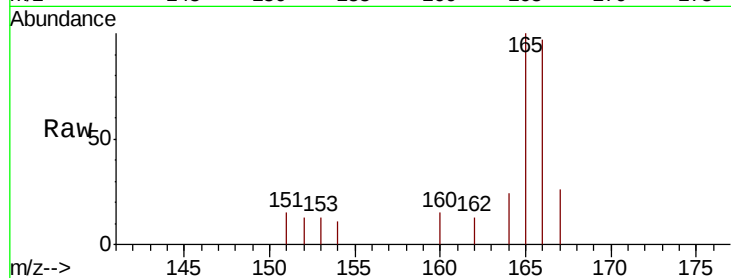
Tot Ion:166 Resp: 637

Ion Ratio Lower Upper

166 100

165 102.8 77.7 116.5

167 27.2 12.5 18.7#



#12

Phenanthrene

Concen: 0.087 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

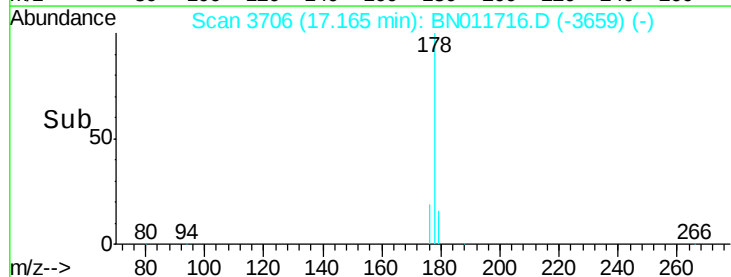
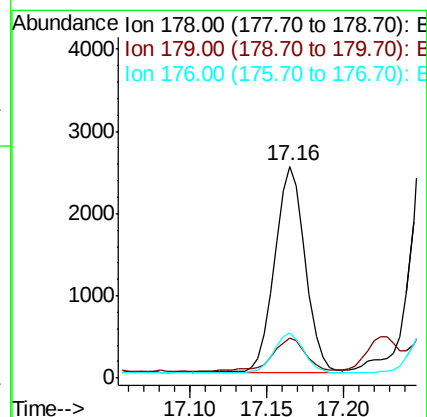
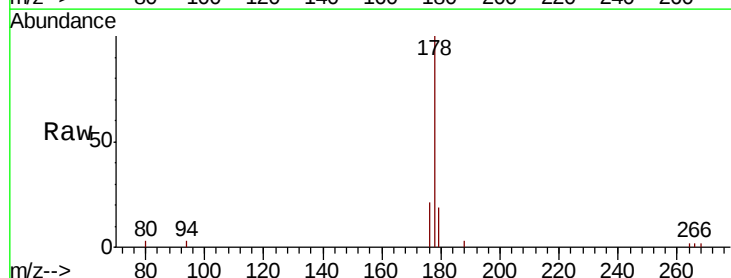
Tgt Ion:178 Resp: 3440

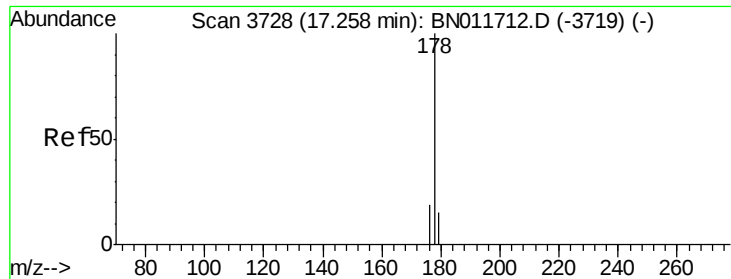
Ion Ratio Lower Upper

178 100

179 18.6 13.8 20.8

176 21.2 16.3 24.5





#13

Anthracene

Concen: 0.164 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

ClientSampleId :

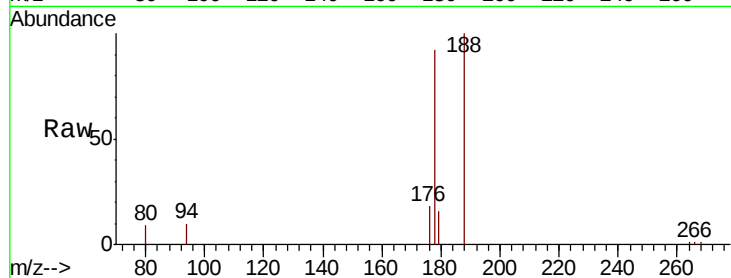
Tot Ion:178 Resp: 5329

Ion Ratio Lower Upper

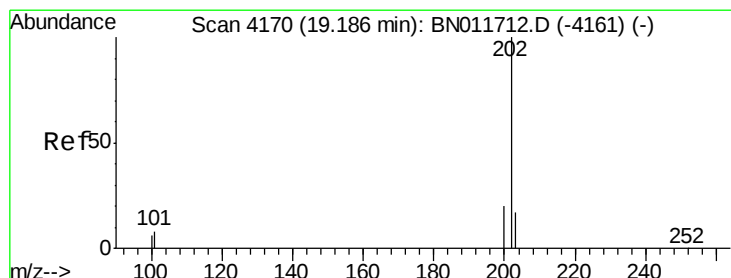
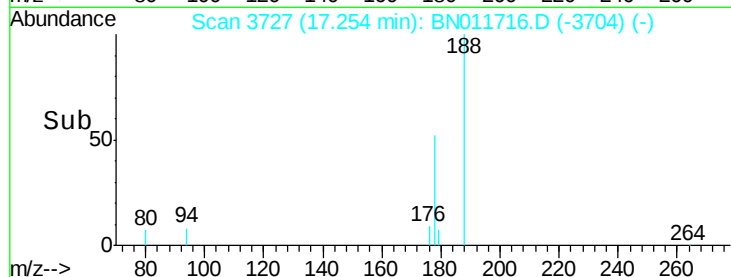
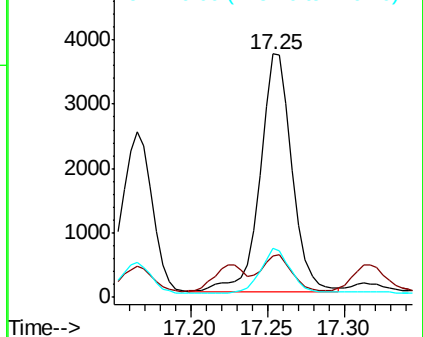
178 100

179 17.2 14.2 21.2

176 20.1 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: 0.066 ng/ul

RT: 19.19 min Scan# 4170

Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

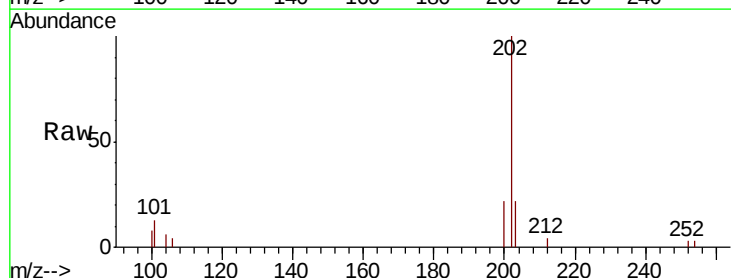
Tgt Ion:202 Resp: 2981

Ion Ratio Lower Upper

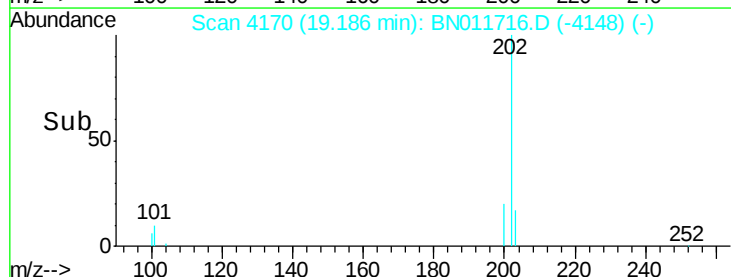
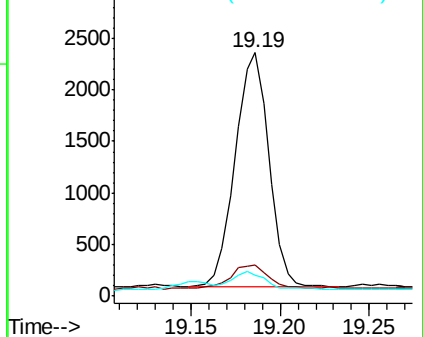
202 100

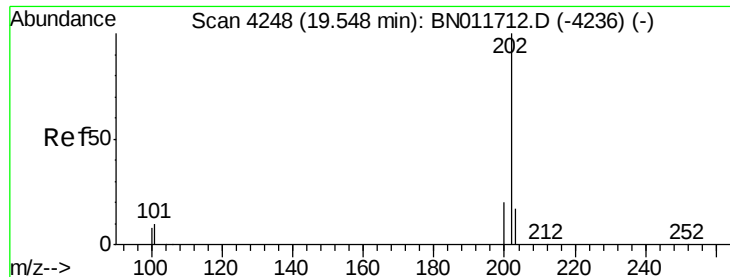
101 12.6 0.0 28.3

100 8.3 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

Pvrene

Concen: 0.323 ng/ul

RT: 19.55 min Scan# 4248

Delta R.T. 0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

ClientSampleId :

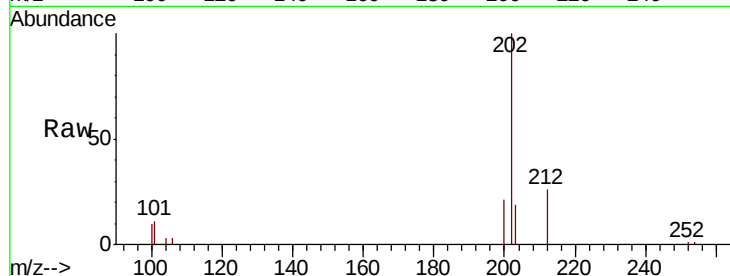
Tot Ion:202 Resp: 13553

Ion Ratio Lower Upper

202 100

101 11.3 7.3 10.9#

100 9.6 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): E

12000

10000

8000

6000

4000

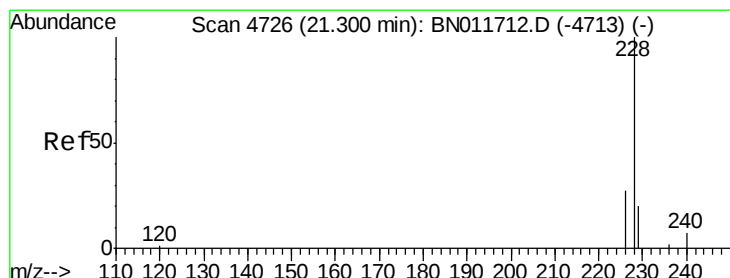
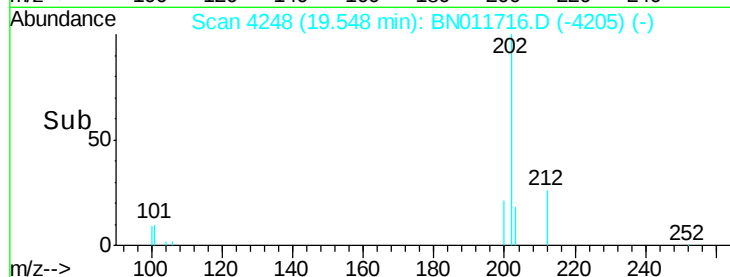
2000

0

19.55

19.50 19.60

Time-->



#18

Benzo(a)anthracene

Concen: 0.287 ng/ul

RT: 21.30 min Scan# 4725

Delta R.T. -0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

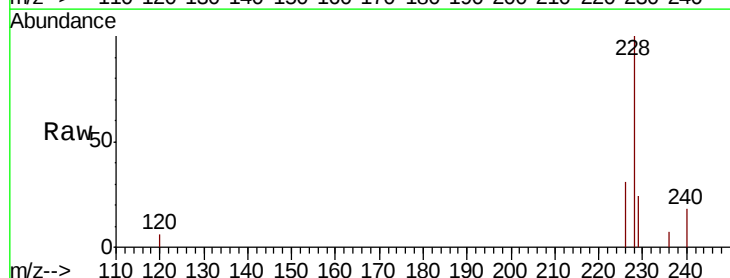
Tgt Ion:228 Resp: 10346

Ion Ratio Lower Upper

228 100

229 23.7 16.7 25.1

226 30.7 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

25000

20000

15000

10000

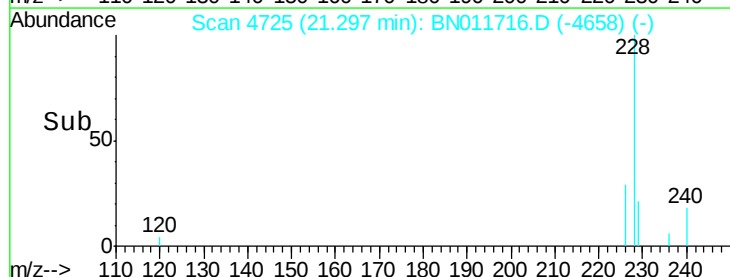
5000

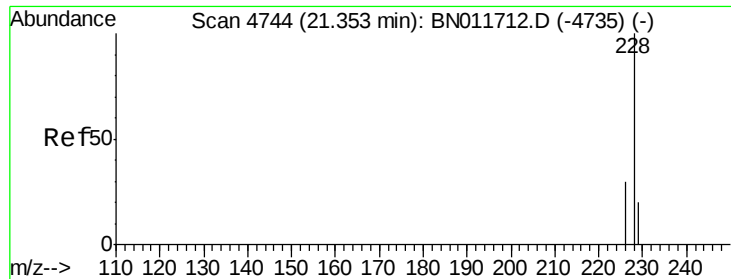
0

21.30

21.25 21.30

Time-->





#19

Chrysene

Concen: 0.573 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

ClientSampleId :

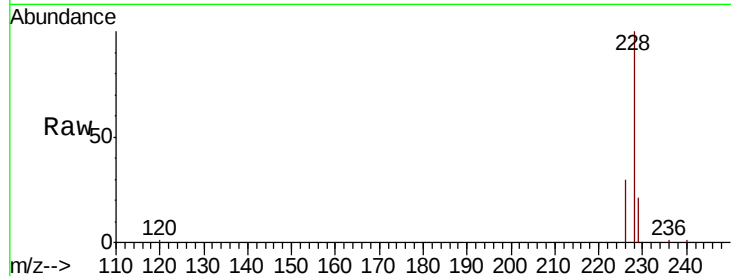
Tot Ion:228 Resp: 27819

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

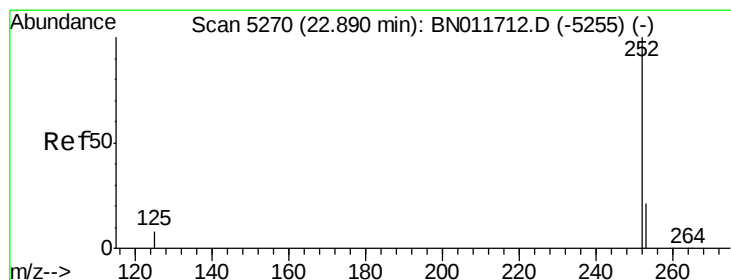
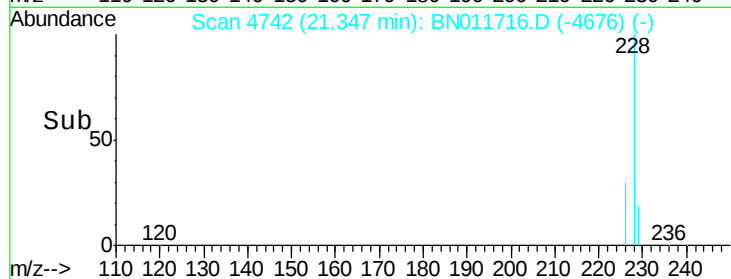
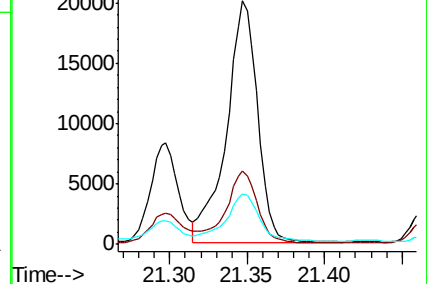
229 20.5 16.4 24.6



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: 1.390 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.00 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

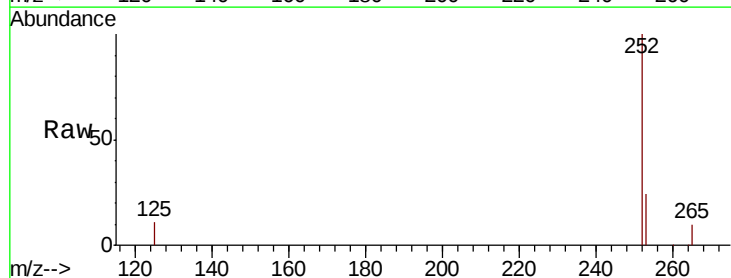
Tgt Ion:252 Resp: 65482

Ion Ratio Lower Upper

252 100

253 24.5 0.0 54.8

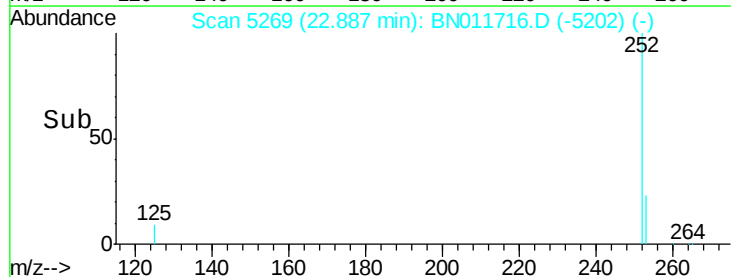
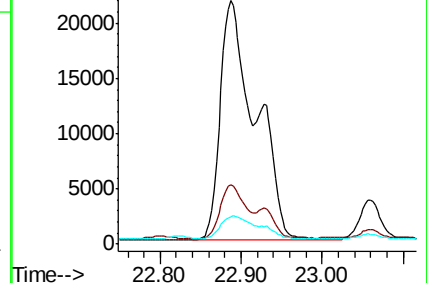
125 11.2 0.0 22.2

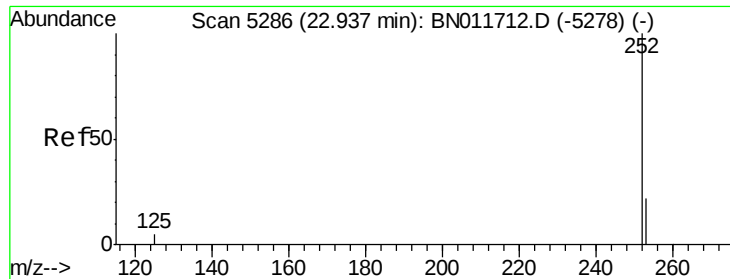


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.258 ng/ul

RT: 22.89 min Scan# 5269

Delta R.T. -0.05 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

ClientSampleId :

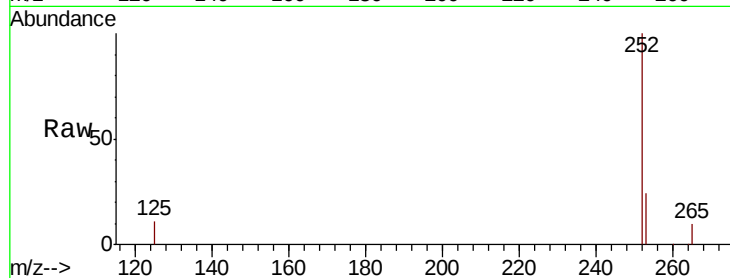
Tot Ion:252 Resp: 65482

Ion Ratio Lower Upper

252 100

253 24.5 21.8 32.6

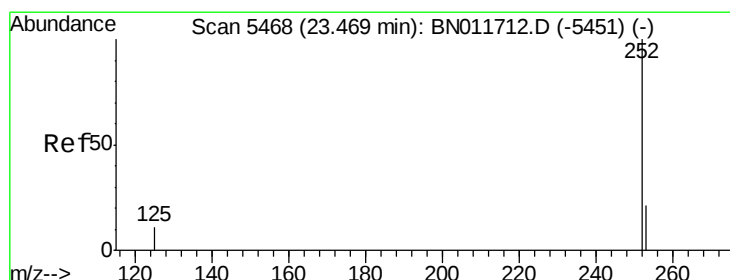
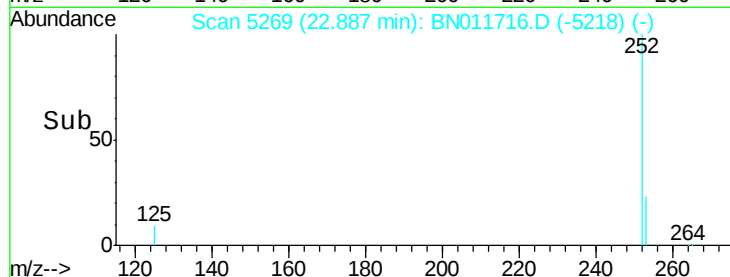
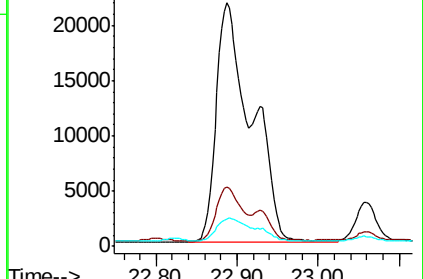
125 11.2 9.1 13.7



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: 0.682 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

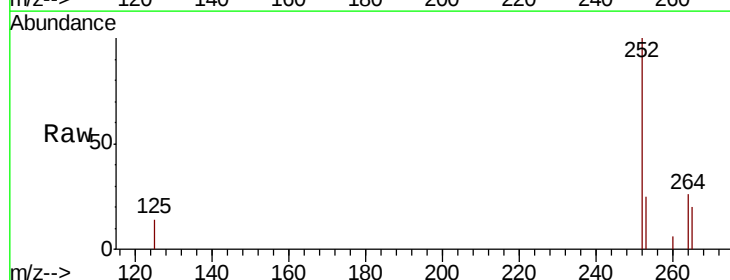
Tgt Ion:252 Resp: 26987

Ion Ratio Lower Upper

252 100

253 25.0 24.4 36.6

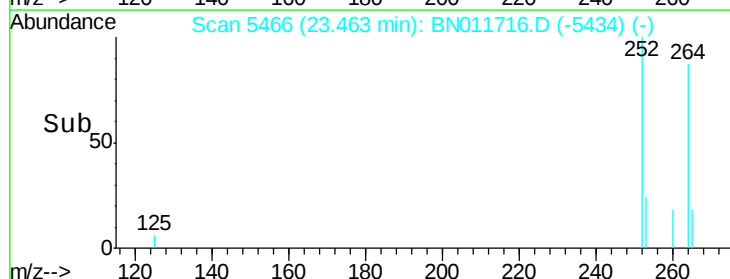
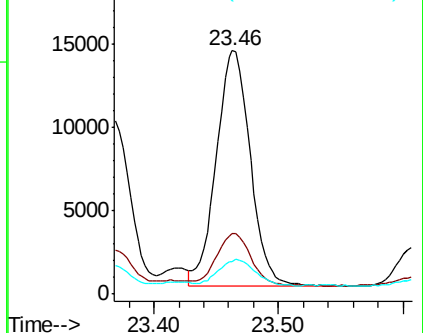
125 13.6 11.1 16.7

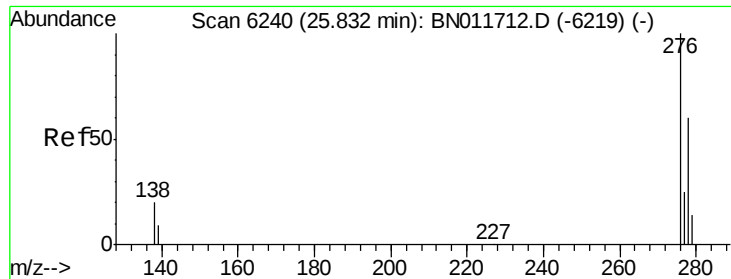


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



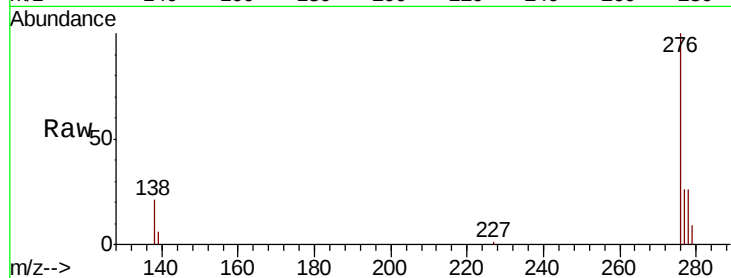


#24

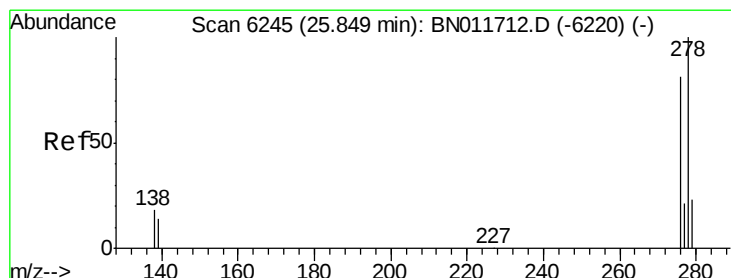
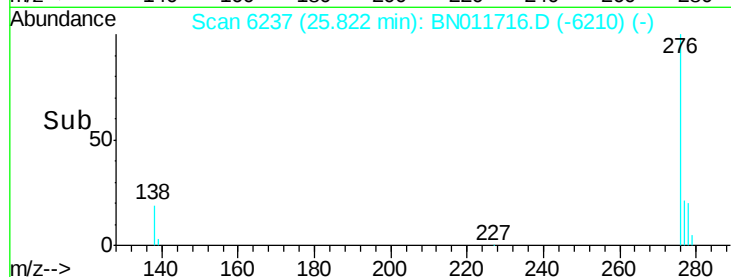
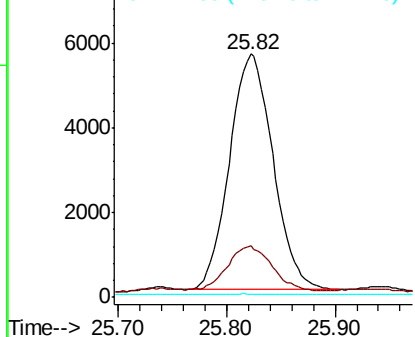
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.82 min Scan# 6237
Delta R.T. -0.01 min
Lab File: BN011716.D
Acq: 05 Sep 2020 00:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 15545
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.6
227 0.2 0.2 0.2



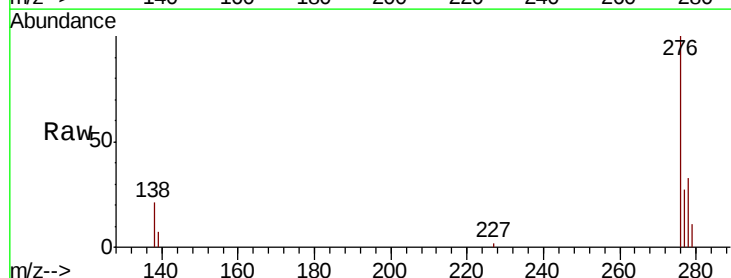
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



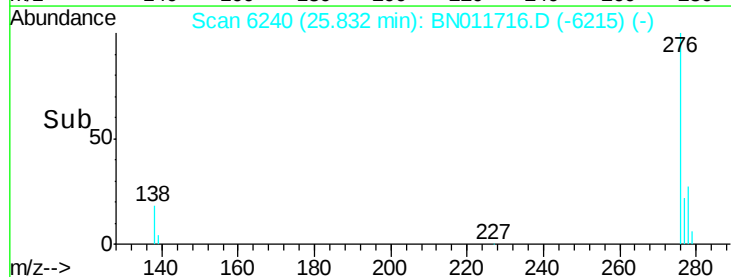
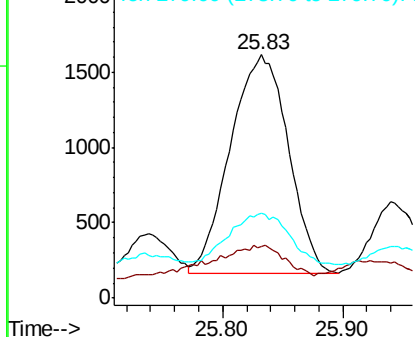
#25

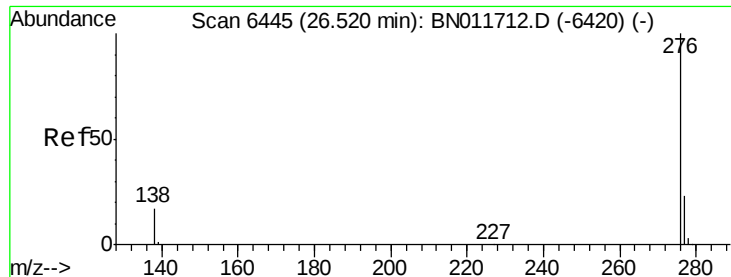
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011716.D
Acq: 05 Sep 2020 00:47

Tgt Ion:278 Resp: 4846
Ion Ratio Lower Upper
278 100
139 21.3 12.1 18.1#
279 34.8 22.9 34.3#



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: 0.201 ng/ul

RT: 26.51 min Scan# 6443

Delta R.T. -0.01 min

Lab File: BN011716.D

Acq: 05 Sep 2020 00:47

Instrument :

BNA_N

ClientSampleId :

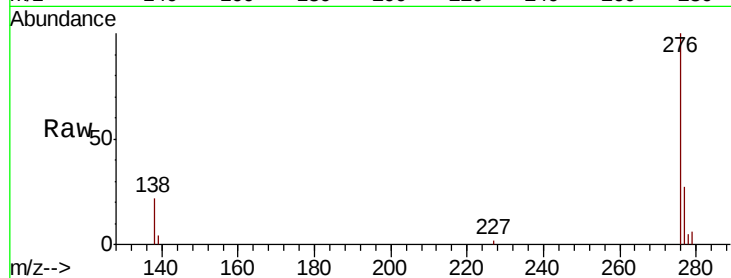
Tot Ion:276 Resp: 10065

Ion Ratio Lower Upper

276 100

138 21.7 15.8 23.6

277 27.1 20.6 31.0



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

