

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011725.D
 Acq On : 05 Sep 2020 06:12
 Operator : CG/JU
 Sample : L3843-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 06:44:36 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

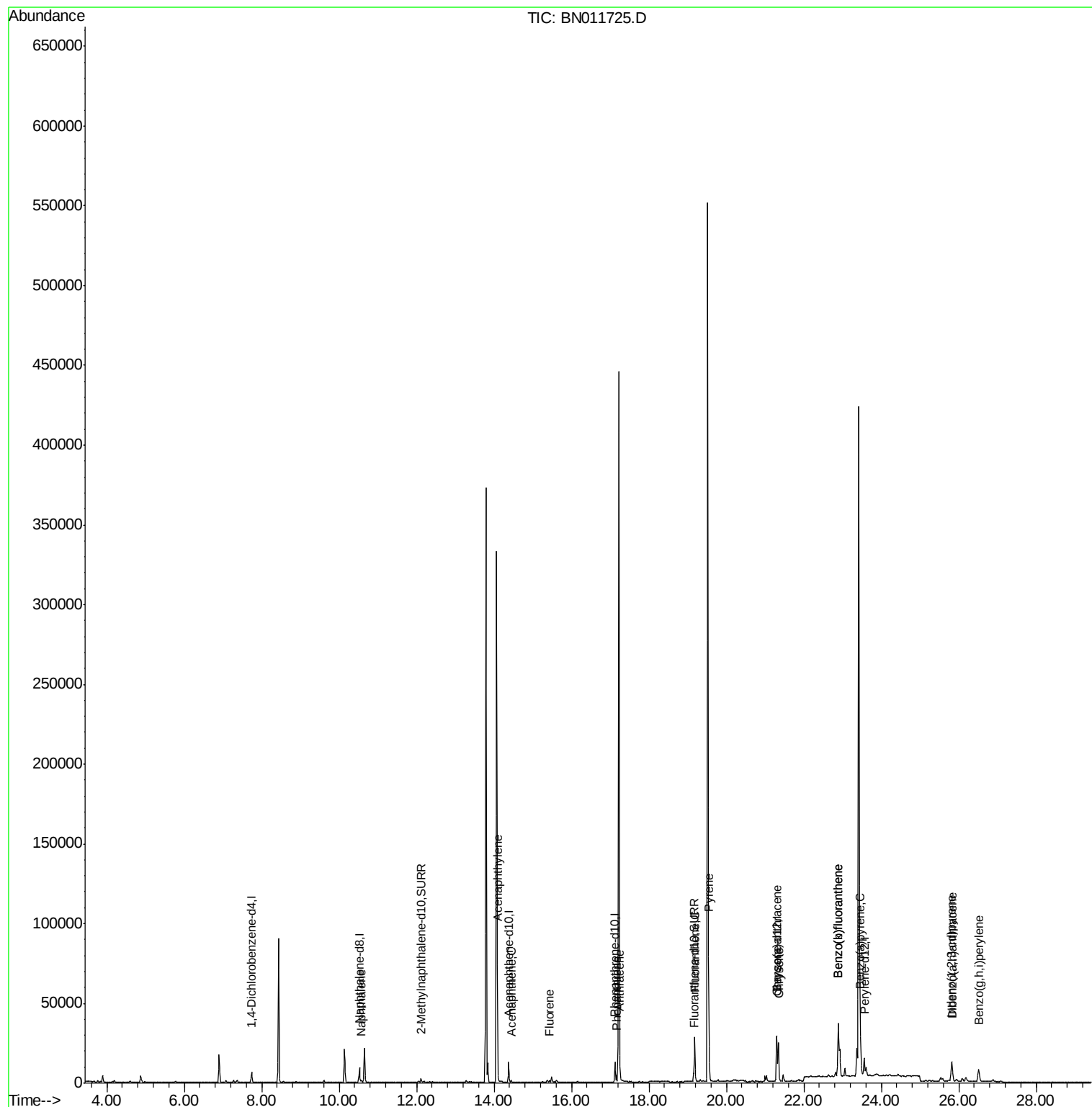
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3090	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12031	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6736	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	14774	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	13732	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	13889	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2578	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6041	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.57	128	1476	0.042	ng/ul	94
7) Acenaphthylene	14.09	152	4004	0.118	ng/ul	98
8) Acenaphthene	14.44	153	557	0.021	ng/ul	98
9) Fluorene	15.43	166	715	0.023	ng/ul#	97
12) Phenanthrene	17.16	178	5010	0.100	ng/ul	98
13) Anthracene	17.25	178	4376	0.106	ng/ul	99
15) Fluoranthene	19.18	202	23525	0.409	ng/ul	98
17) Pyrene	19.54	202	29455	0.549	ng/ul#	95
18) Benzo(a)anthracene	21.29	228	22208	0.482	ng/ul	98
19) Chrysene	21.34	228	25599	0.412	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	74704	1.237	ng/ul	95
22) Benzo(k)fluoranthene	22.88	252	74704	1.119	ng/ul	96
23) Benzo(a)pyrene	23.46	252	28851	0.569	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	19272	0.281	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.83	278	5590	0.100	ng/ul#	86
26) Benzo(a,h,i)perylene	26.51	276	16273	0.253	ng/ul	97

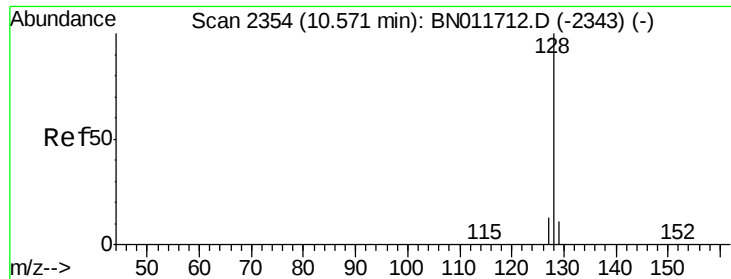
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.042 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

ClientSampled :

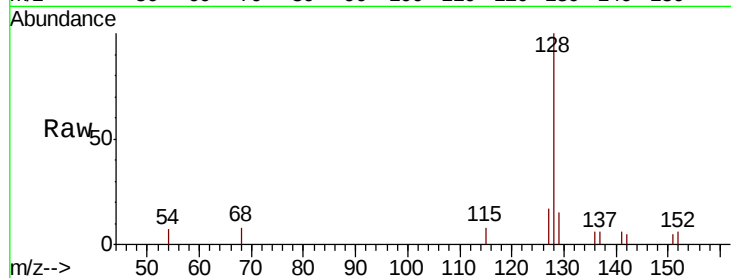
Tot Ion:128 Resp: 1476

Ion Ratio Lower Upper

128 100

129 15.3 10.4 15.6

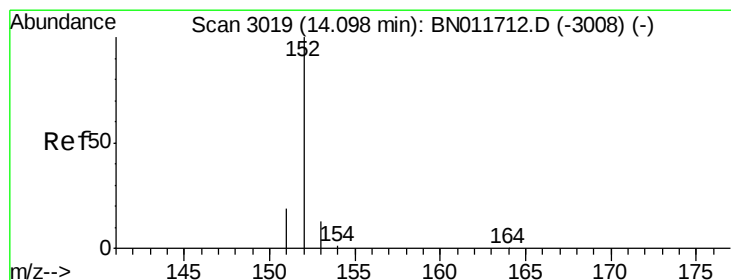
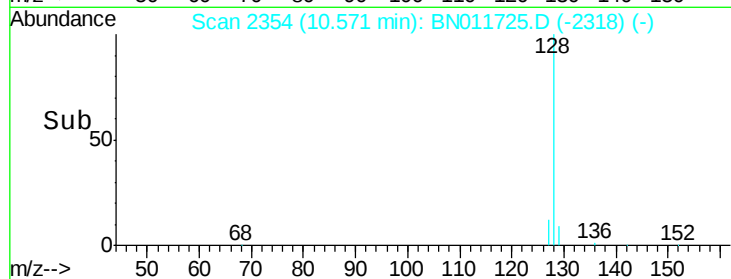
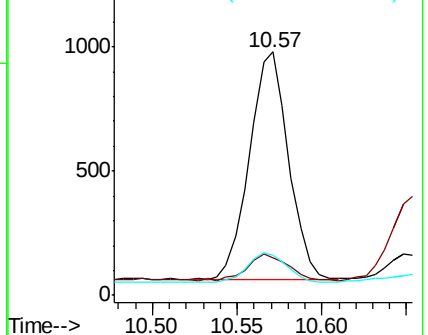
127 16.6 11.4 17.0



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: 0.118 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. -0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

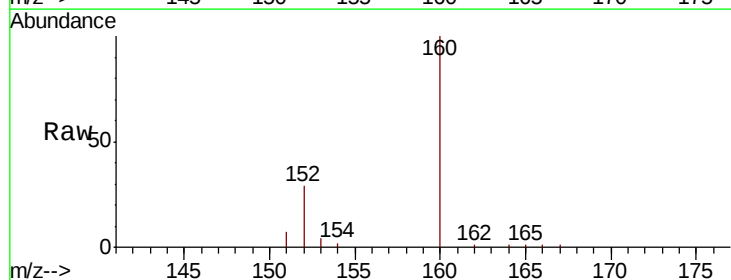
Tgt Ion:152 Resp: 4004

Ion Ratio Lower Upper

152 100

151 22.5 16.7 25.1

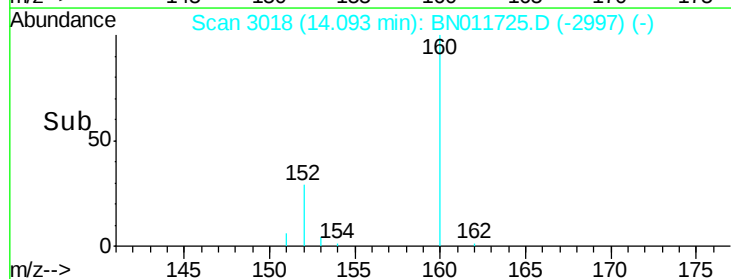
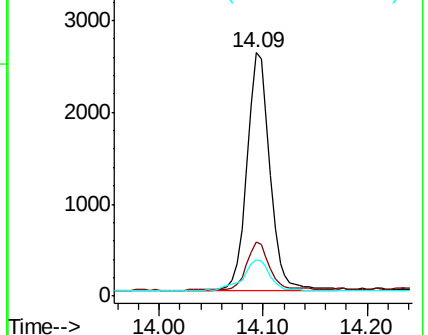
153 15.0 12.3 18.5

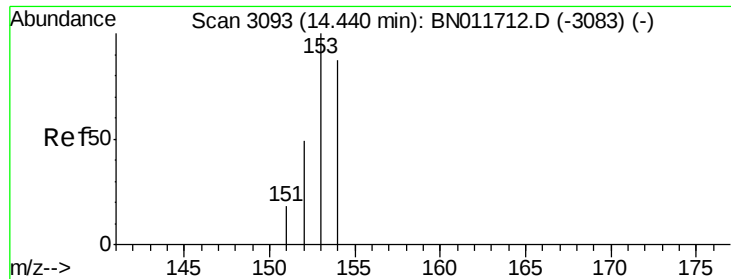


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

ClientSampleId :

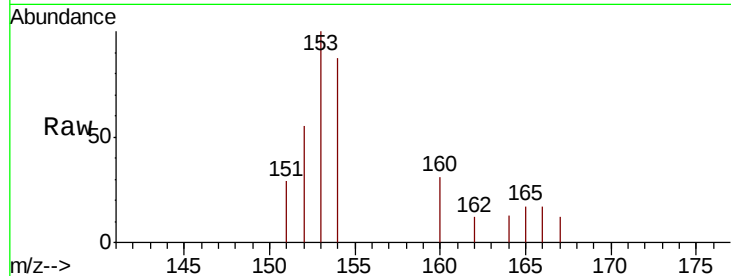
Tot Ion:153 Resp: 557

Ion Ratio Lower Upper

153 100

152 54.7 41.0 61.6

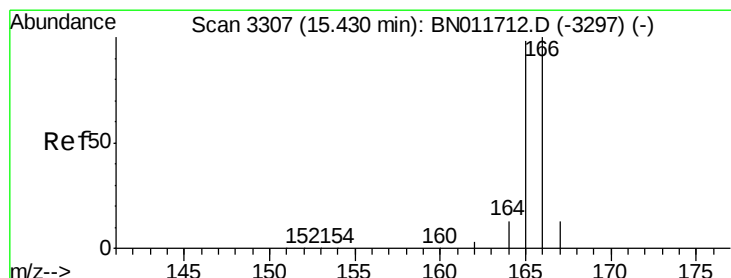
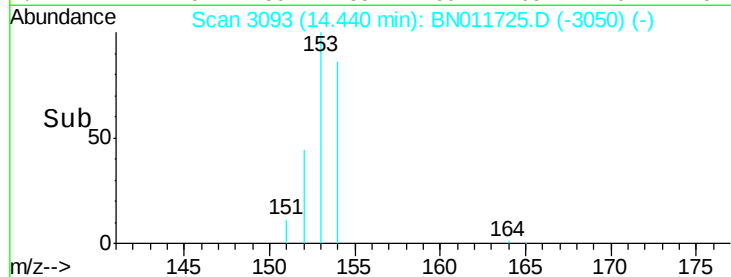
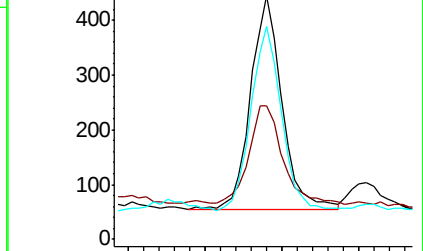
154 87.4 70.2 105.2



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: 0.023 ng/ul

RT: 15.43 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

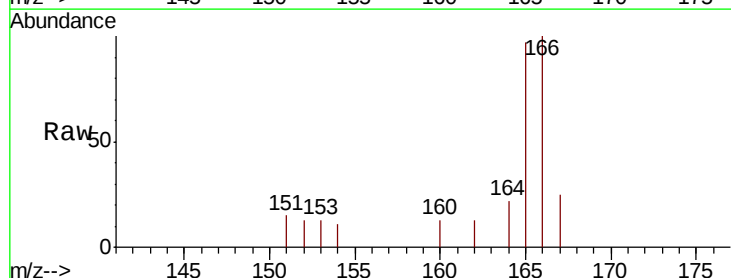
Tgt Ion:166 Resp: 715

Ion Ratio Lower Upper

166 100

165 97.1 77.7 116.5

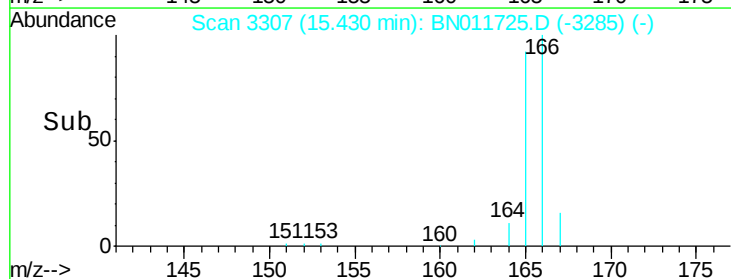
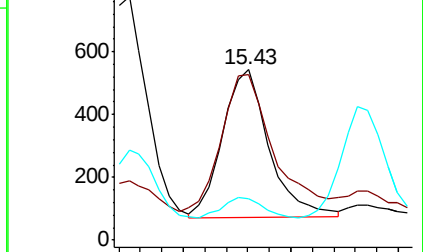
167 24.7 12.5 18.7#

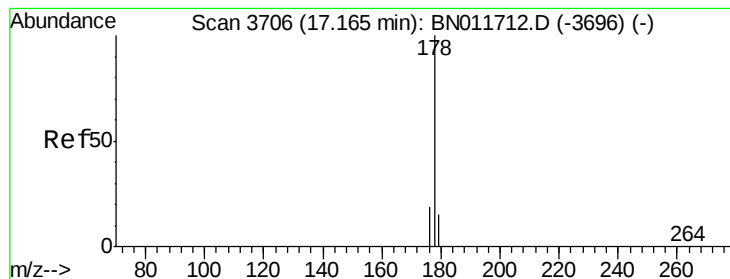


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.100 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

ClientSampleId :

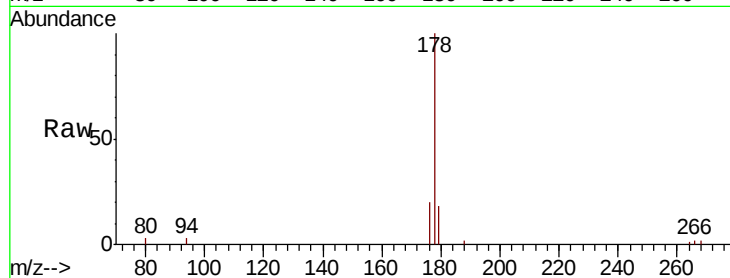
Tot Ion:178 Resp: 5010

Ion Ratio Lower Upper

178 100

179 18.3 13.8 20.8

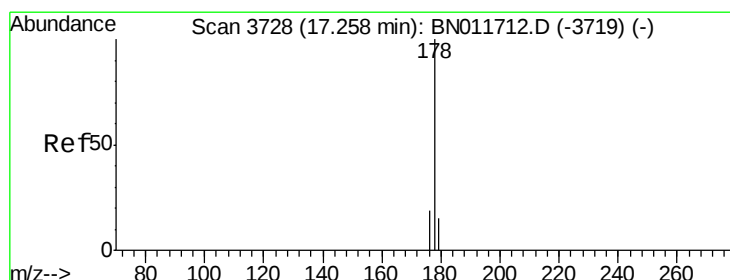
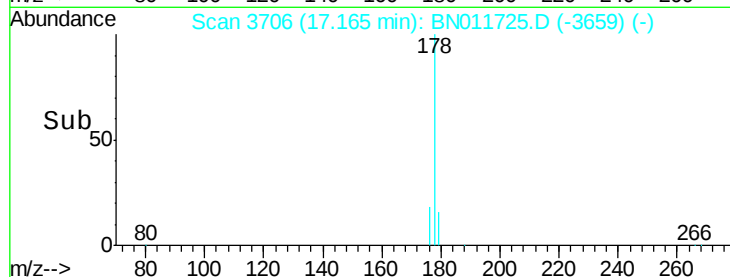
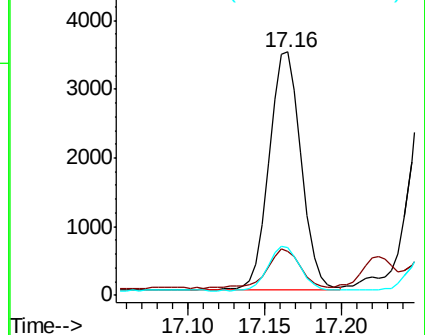
176 19.8 16.3 24.5



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: 0.106 ng/ul

RT: 17.25 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

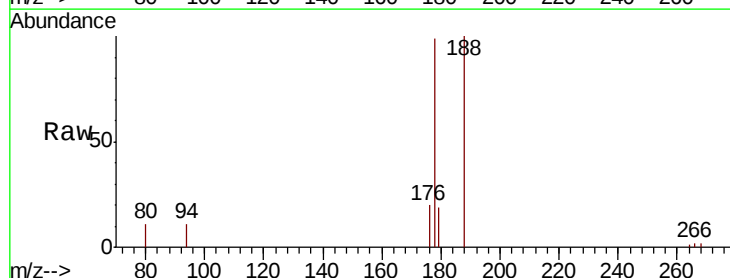
Tgt Ion:178 Resp: 4376

Ion Ratio Lower Upper

178 100

179 18.8 14.2 21.2

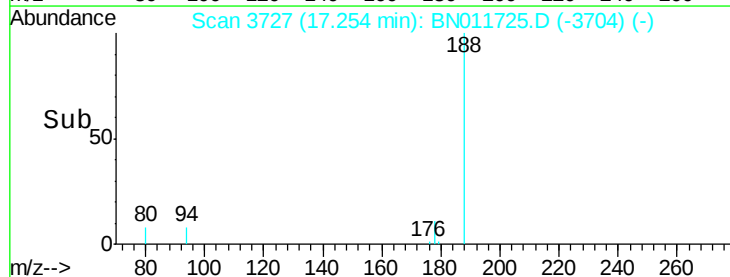
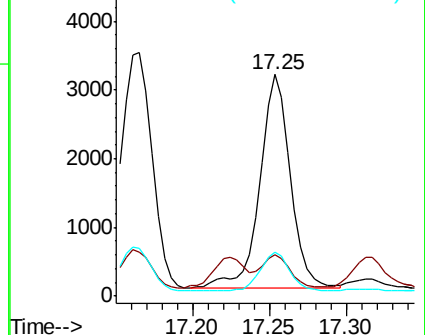
176 20.0 15.8 23.8

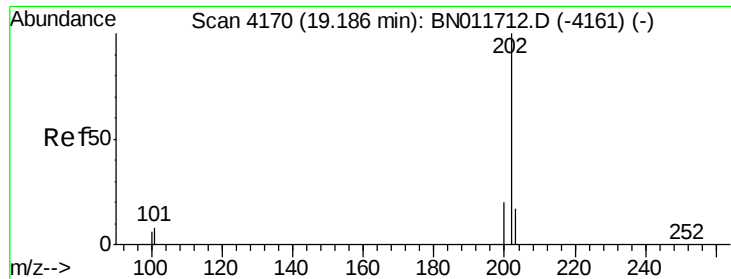


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.409 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. -0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

ClientSampleId :

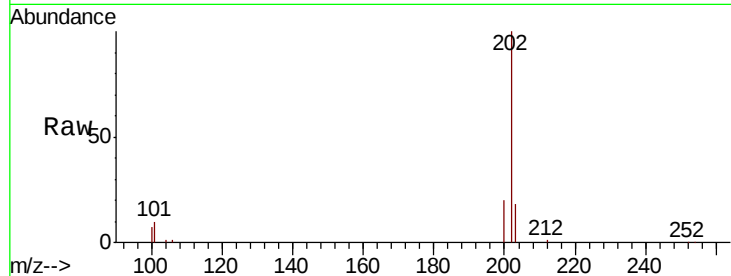
Tot Ion:202 Resp: 23525

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.3

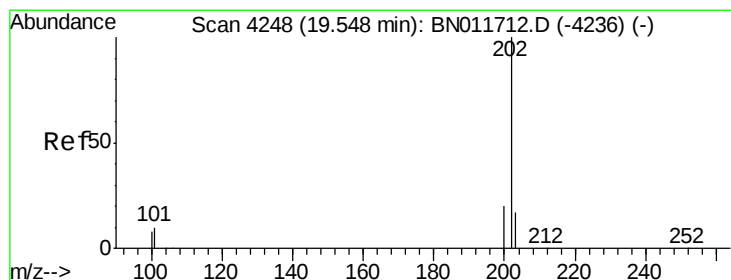
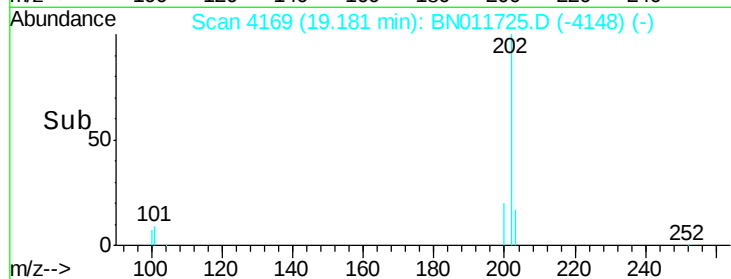
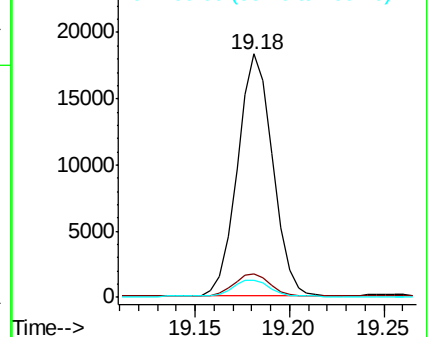
100 7.2 0.0 27.1



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: 0.549 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. -0.00 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

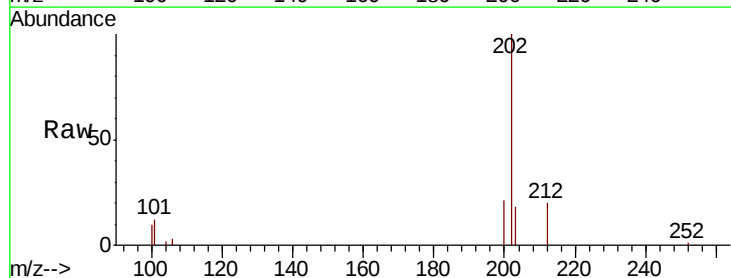
Tgt Ion:202 Resp: 29455

Ion Ratio Lower Upper

202 100

101 11.7 7.3 10.9#

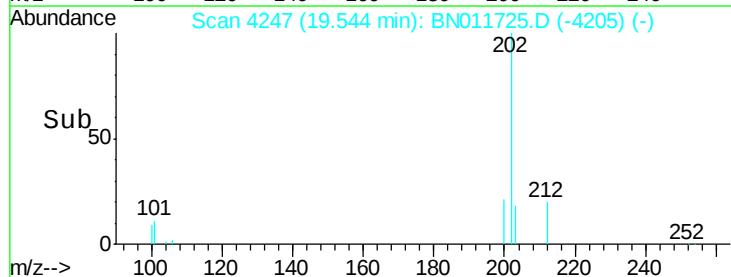
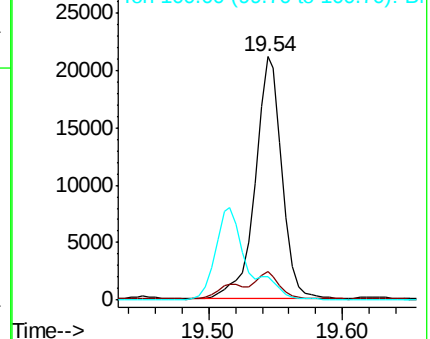
100 9.7 6.7 10.1

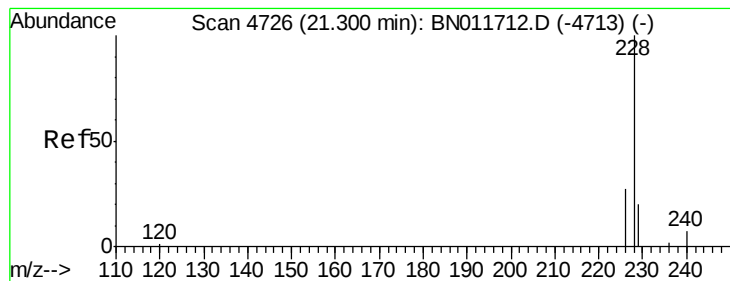


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.482 ng/ul

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

ClientSampleId :

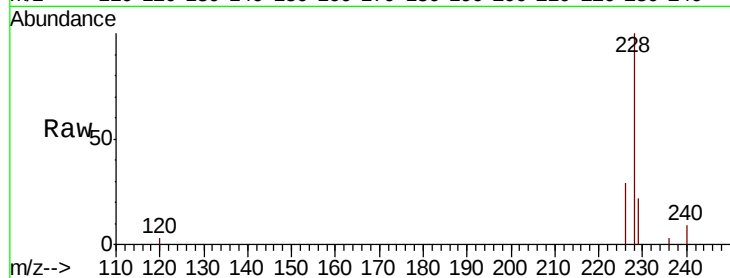
Tot Ion:228 Resp: 22208

Ion Ratio Lower Upper

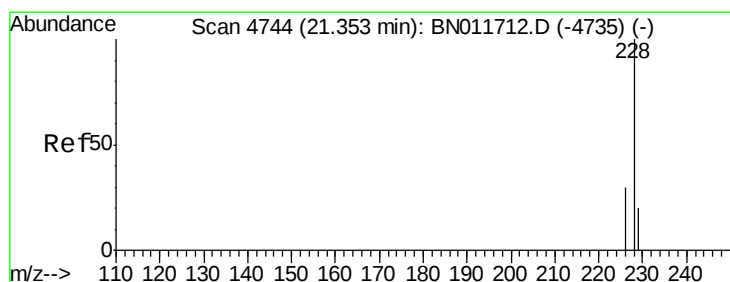
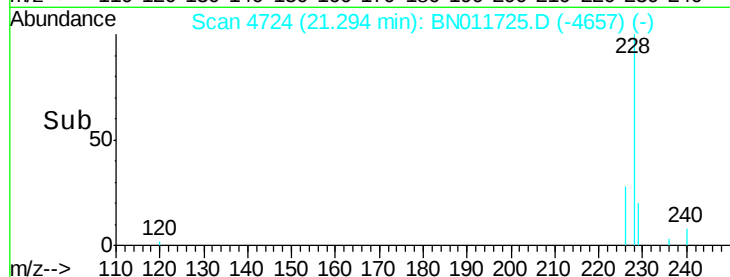
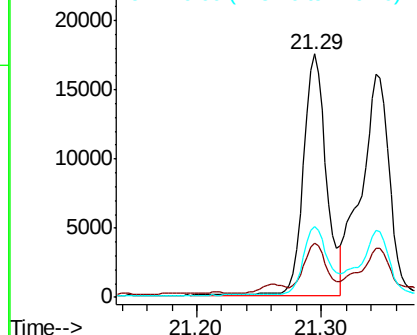
228 100

229 22.0 16.7 25.1

226 29.2 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: 0.412 ng/ul

RT: 21.34 min Scan# 4741

Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

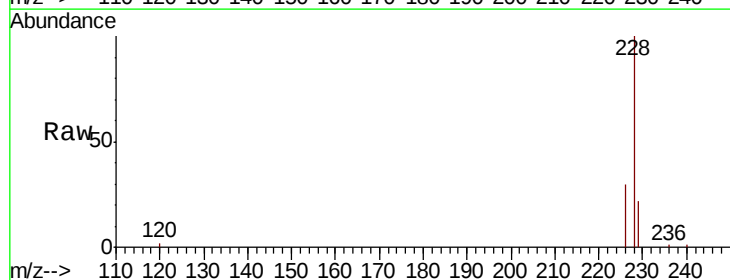
Tgt Ion:228 Resp: 25599

Ion Ratio Lower Upper

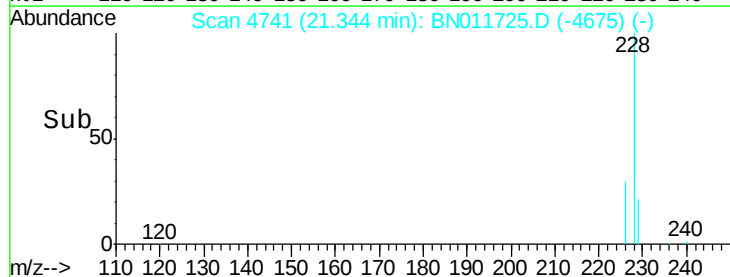
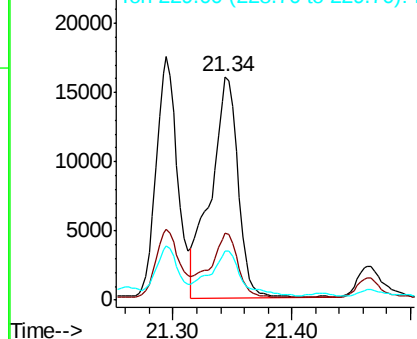
228 100

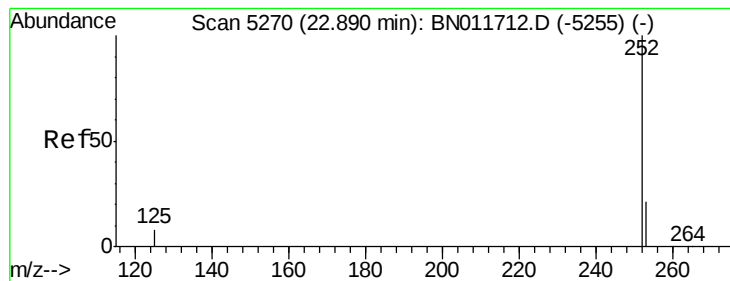
226 30.2 24.1 36.1

229 21.9 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: 1.237 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

ClientSampleId :

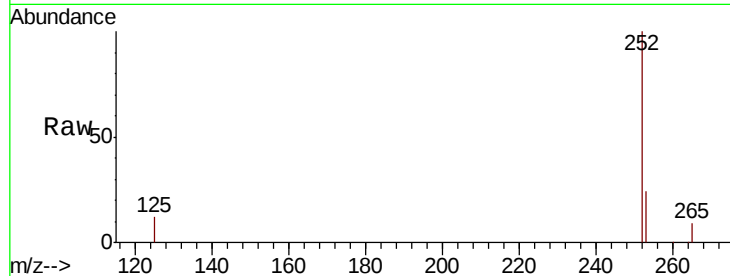
Tot Ion:252 Resp: 74704

Ion Ratio Lower Upper

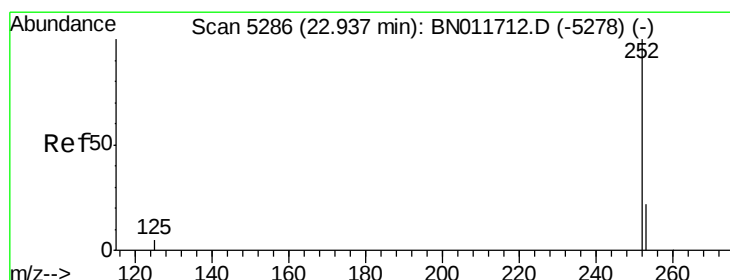
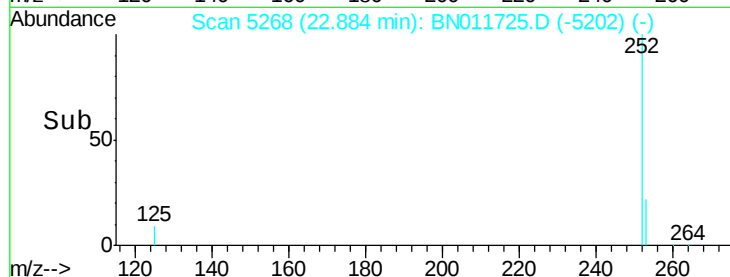
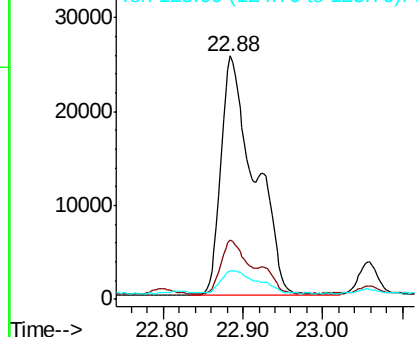
252 100

253 24.1 0.0 54.8

125 11.7 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: 1.119 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.05 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

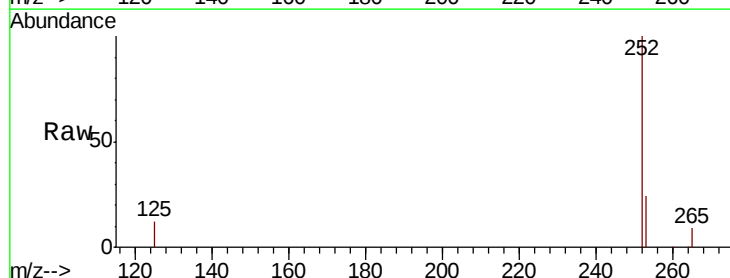
Tgt Ion:252 Resp: 74704

Ion Ratio Lower Upper

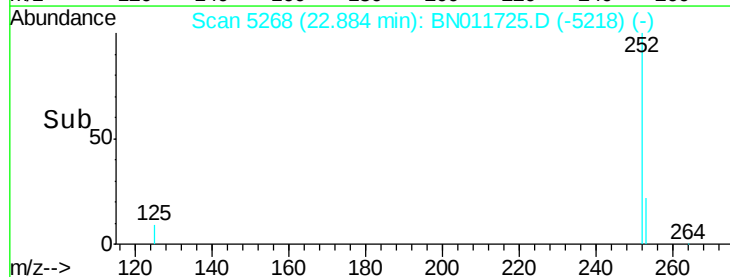
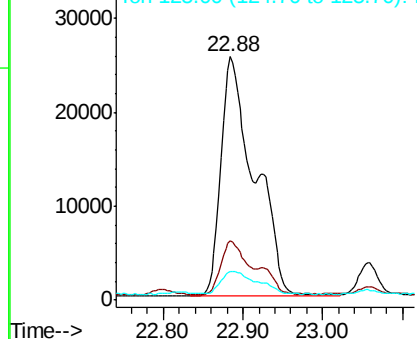
252 100

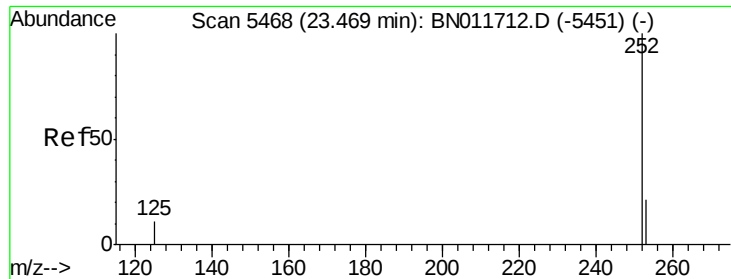
253 24.1 21.8 32.6

125 11.7 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: 0.569 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

Instrument :

BNA_N

ClientSampleId :

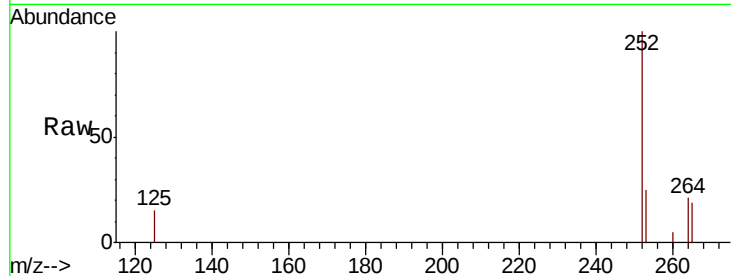
Tot Ion:252 Resp: 28851

Ion Ratio Lower Upper

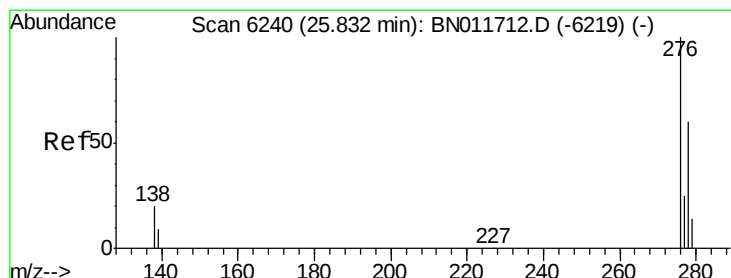
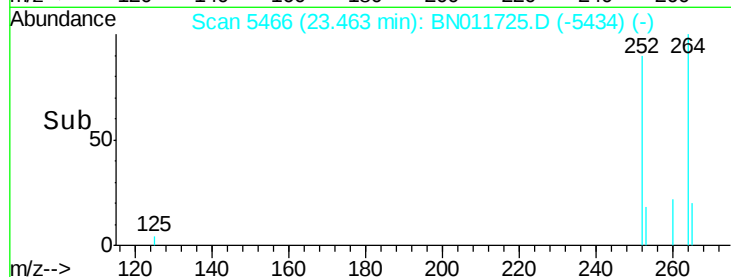
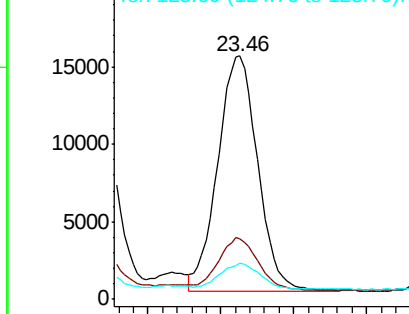
252 100

253 25.1 24.4 36.6

125 14.7 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: 0.281 ng/ul

RT: 25.82 min Scan# 6236

Delta R.T. -0.01 min

Lab File: BN011725.D

Acq: 05 Sep 2020 06:12

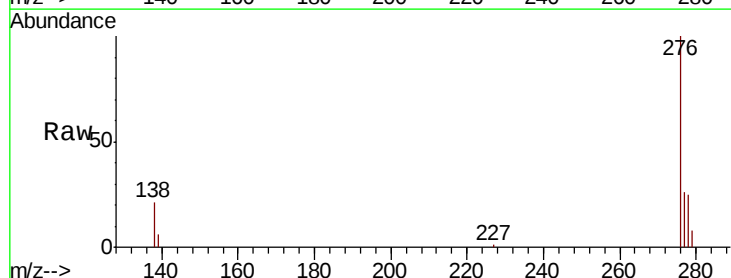
Tgt Ion:276 Resp: 19272

Ion Ratio Lower Upper

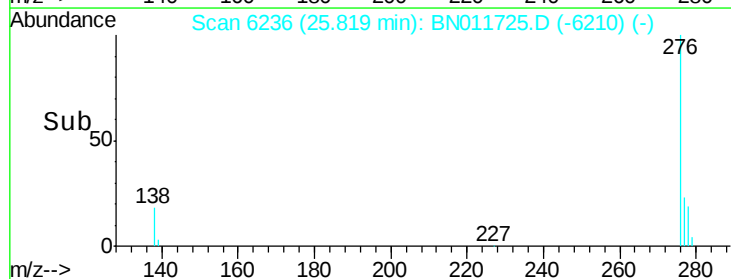
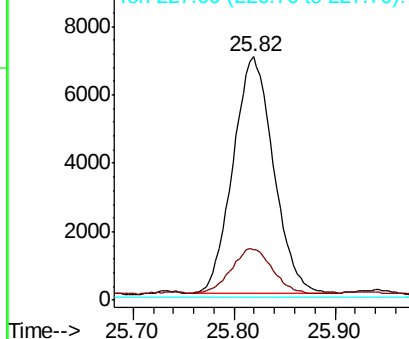
276 100

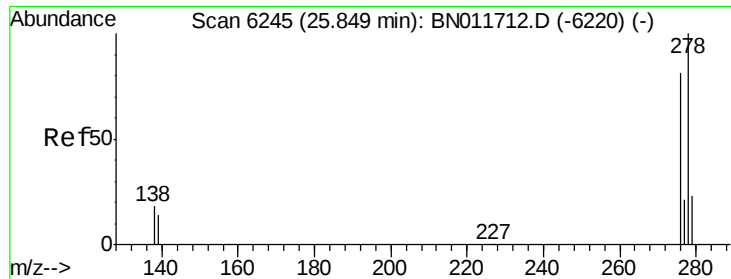
138 19.0 15.8 23.6

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

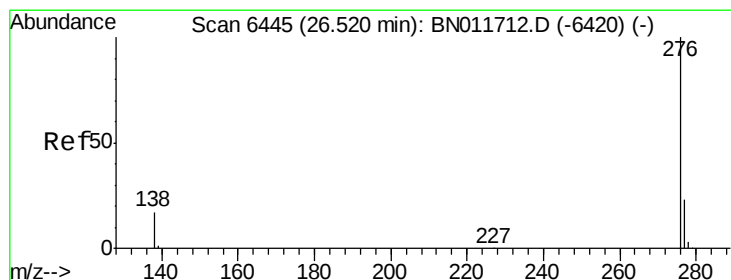
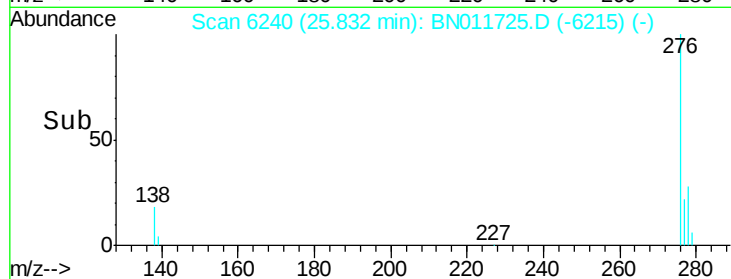
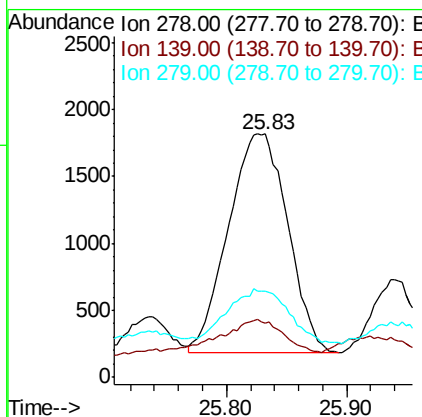
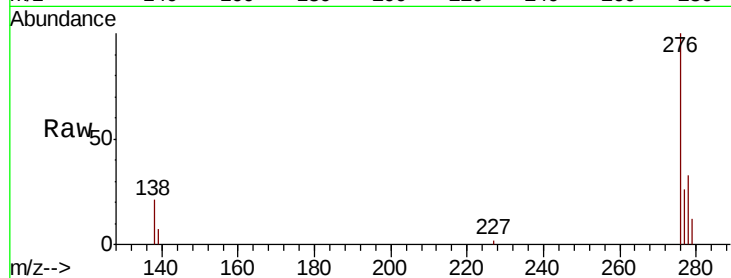




#25
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 25.83 min Scan# 6240
Delta R.T. -0.02 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5590
Ion Ratio Lower Upper
278 100
139 22.1 12.1 18.1#
279 35.6 22.9 34.3#



#26
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 26.51 min Scan# 6442
Delta R.T. -0.01 min
Lab File: BN011725.D
Acq: 05 Sep 2020 06:12

Tgt Ion:276 Resp: 16273
Ion Ratio Lower Upper
276 100
138 22.0 15.8 23.6
277 25.3 20.6 31.0

