

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012729.D
 Acq On : 24 Nov 2020 22:51
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.414

Quant Time: Nov 25 01:48:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 25 01:45:20 2020
 Response via : Initial Calibration

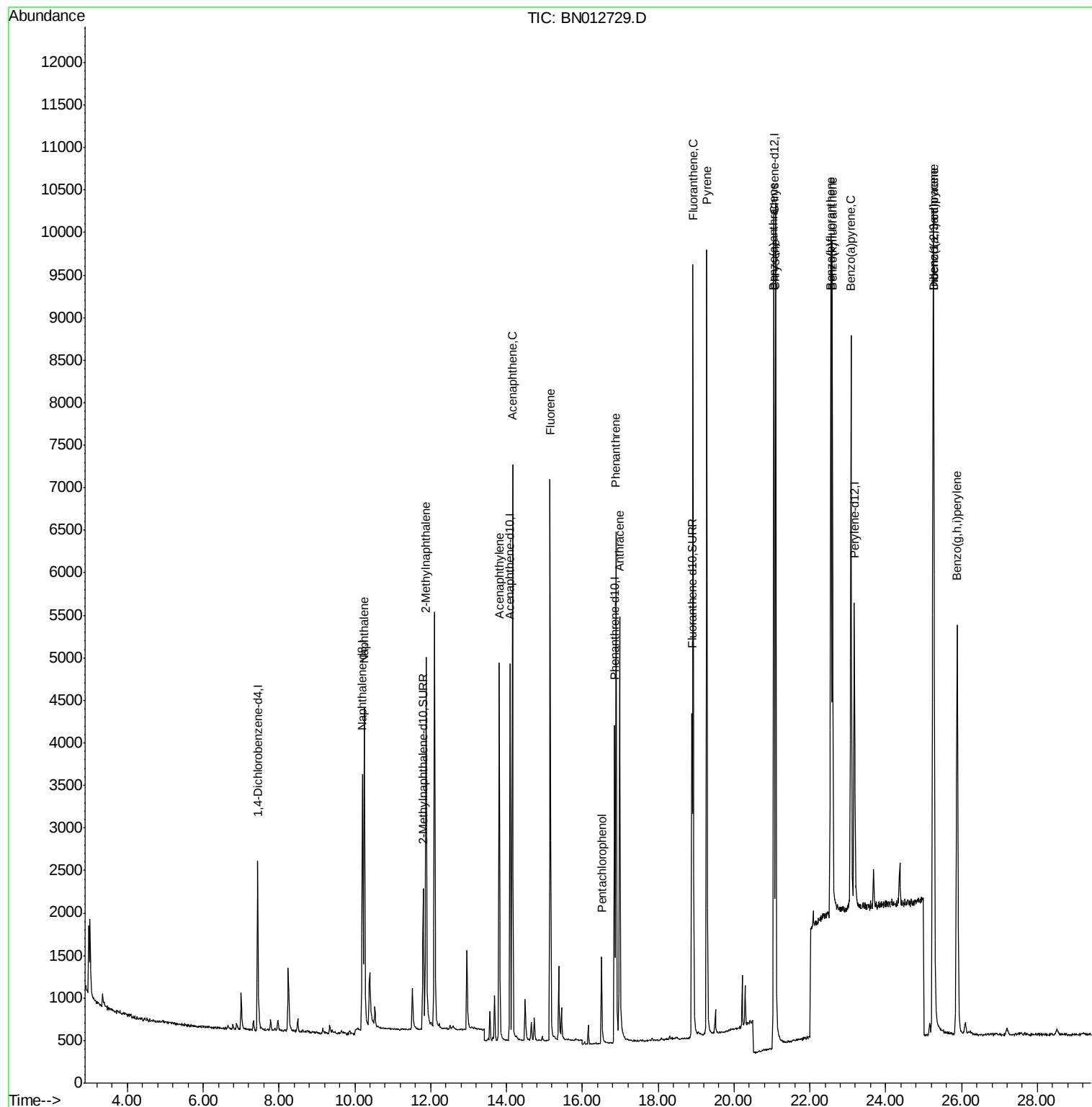
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1084	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4449	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2418	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4696	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4191	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4363	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	2609	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	4639	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.25	128	5476	0.409	ng/ul	97
5) 2-Methylnaphthalene	11.88	142	3730	0.436	ng/ul	99
7) Acenaphthylene	13.81	152	5286	0.448	ng/ul	97
8) Acenaphthene	14.16	153	3980	0.400	ng/ul	99
9) Fluorene	15.15	166	4373	0.400	ng/ul	100
11) Pentachlorophenol	16.51	266	767	0.514	ng/ul	96
12) Phenanthrene	16.89	178	6629	0.406	ng/ul	98
13) Anthracene	16.98	178	6048	0.426	ng/ul	96
15) Fluoranthene	18.92	202	8110	0.430	ng/ul	98
17) Pyrene	19.28	202	8269	0.441	ng/ul	98
18) Benzo(a)anthracene	21.05	228	8177	0.544	ng/ul	98
19) Chrysene	21.10	228	9387	0.500	ng/ul	99
21) Benzo(b)fluoranthene	22.55	252	9709	0.484	ng/ul	95
22) Benzo(k)fluoranthene	22.59	252	10086	0.436	ng/ul	95
23) Benzo(a)pyrene	23.08	252	8884	0.470	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.25	276	11531	0.467	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.26	278	9167	0.462	ng/ul	95
26) Benzo(g,h,i)perylene	25.89	276	9789	0.440	ng/ul	96

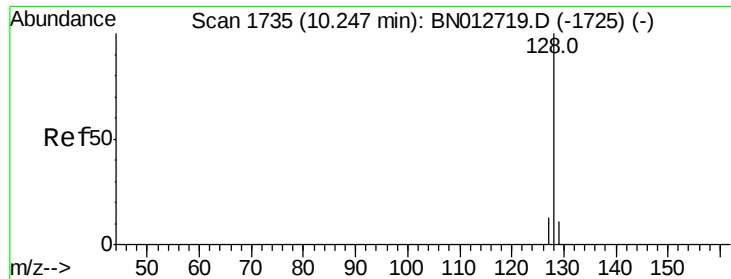
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.25 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

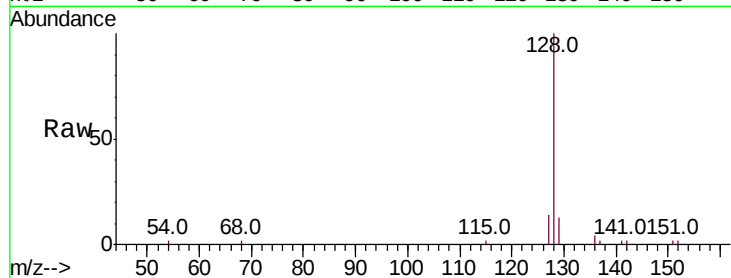
Tot Ion:128 Resp: 5476

Ion Ratio Lower Upper

128 100

129 12.7 11.2 16.8

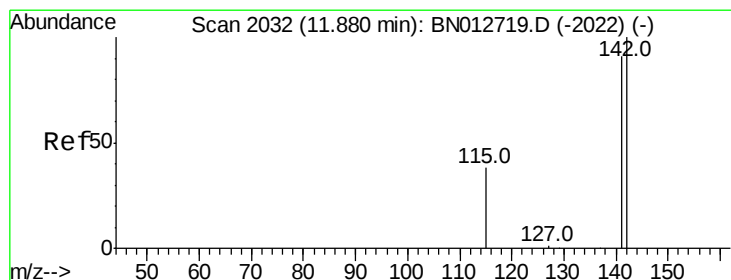
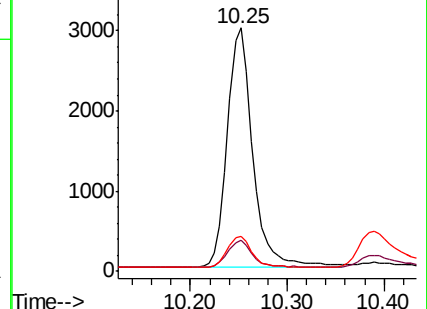
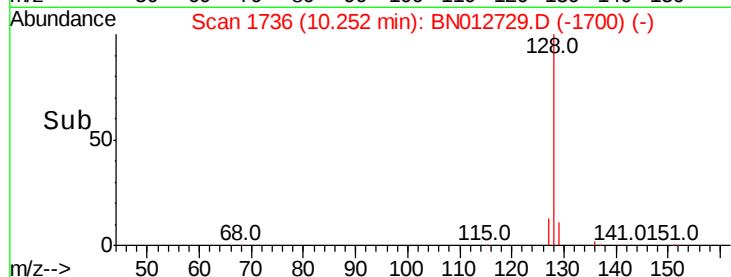
127 14.1 12.5 18.7



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: 0.436 ng/ul

RT: 11.88 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BN012729.D

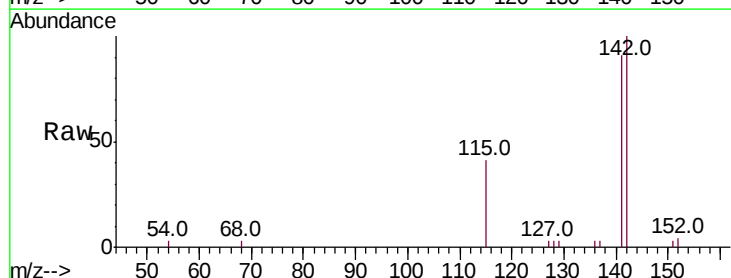
Acq: 24 Nov 2020 22:51

Tgt Ion:142 Resp: 3730

Ion Ratio Lower Upper

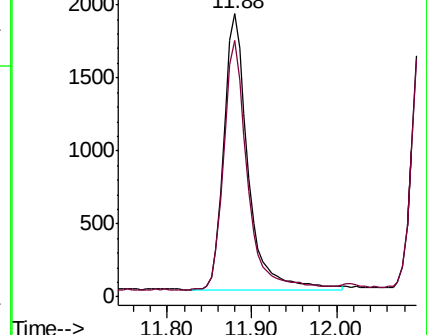
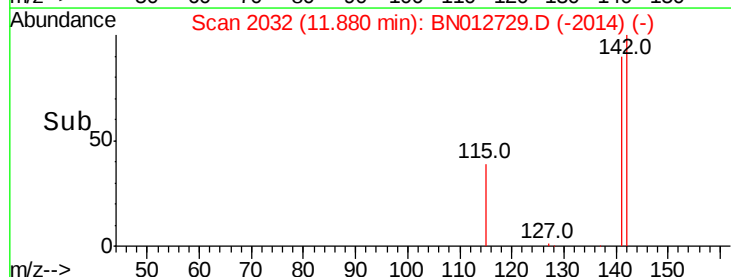
142 100

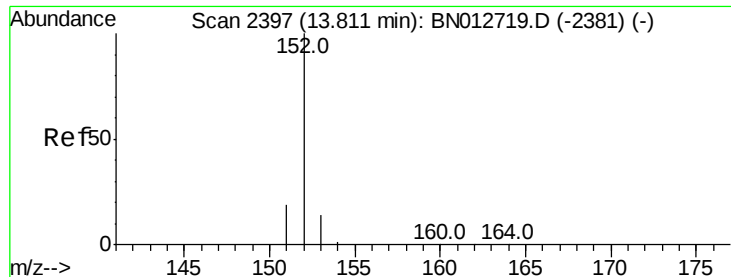
141 89.7 72.3 108.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.448 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

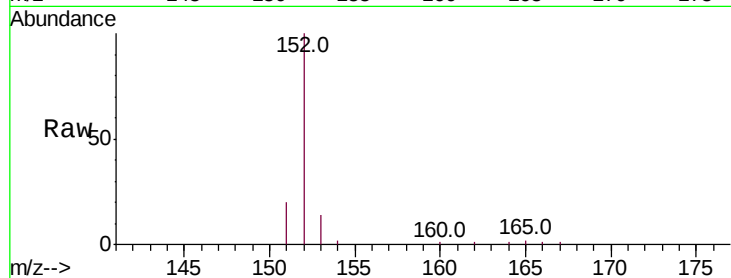
Tot Ion:152 Resp: 5286

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

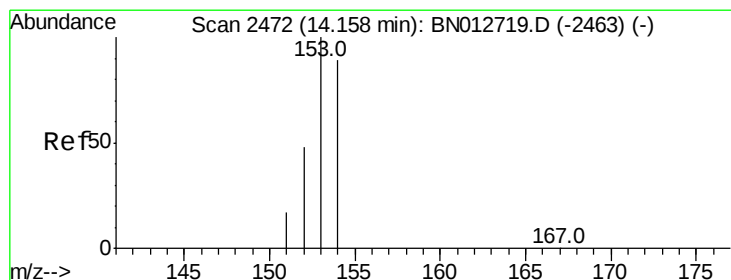
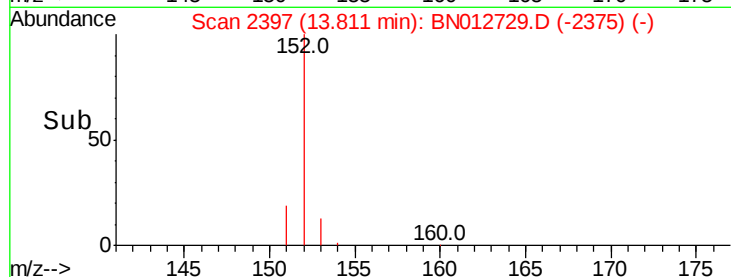
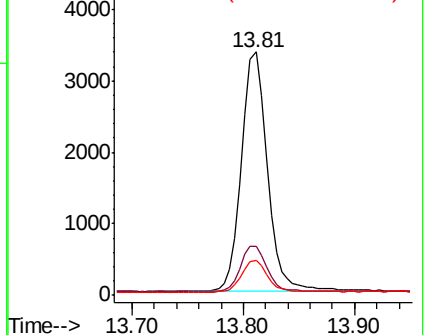
153 14.2 12.6 19.0



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: 0.400 ng/ul

RT: 14.16 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

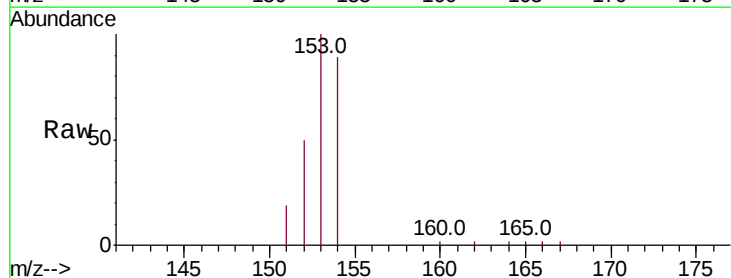
Tgt Ion:153 Resp: 3980

Ion Ratio Lower Upper

153 100

152 49.6 41.4 62.0

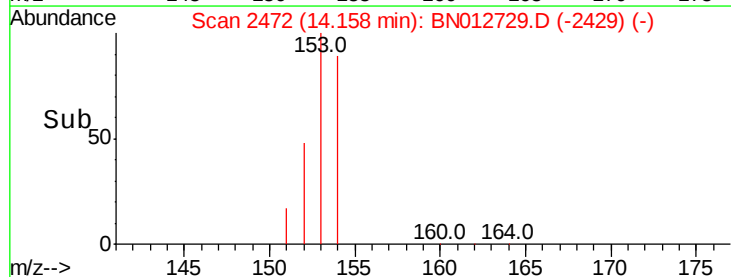
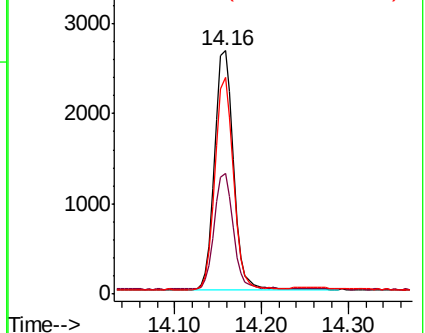
154 88.9 70.9 106.3

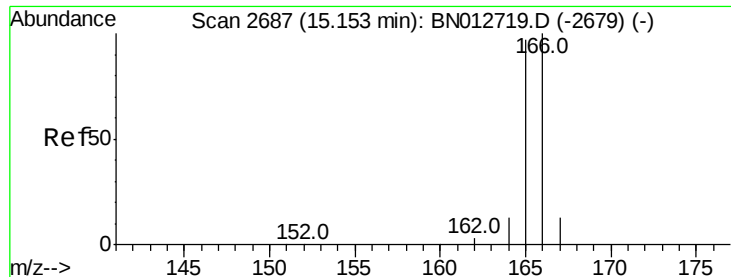


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.400 ng/ul

RT: 15.15 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

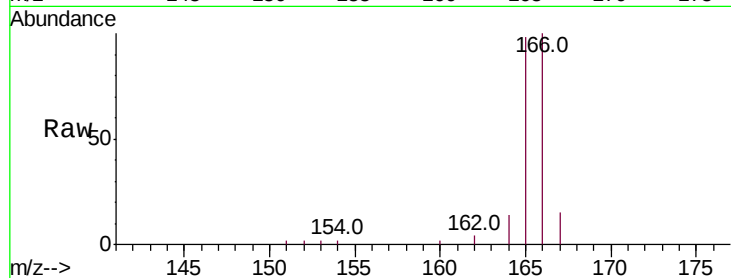
Tot Ion:166 Resp: 4373

Ion Ratio Lower Upper

166 100

165 98.3 78.5 117.7

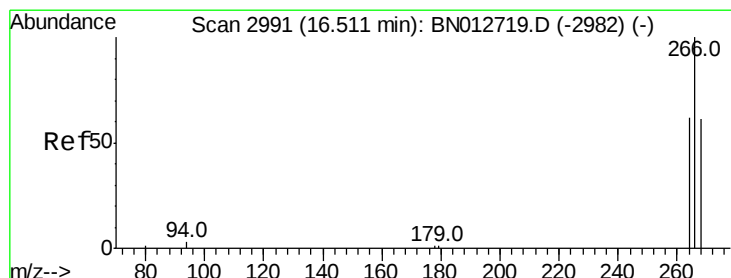
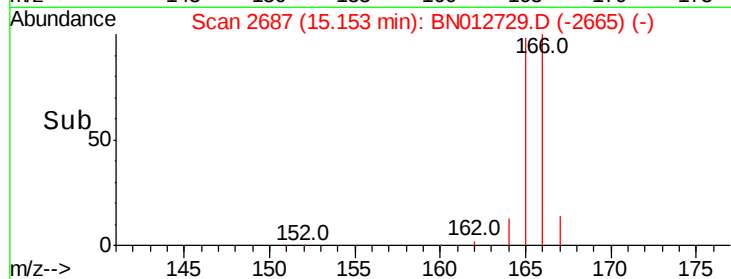
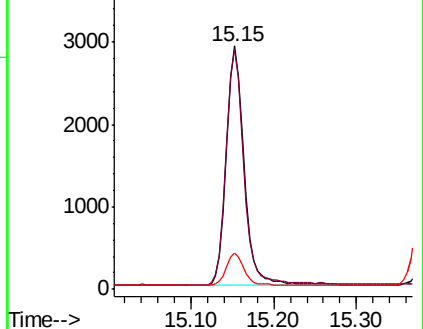
167 14.9 12.7 19.1



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



#11

Pentachlorophenol

Concen: 0.514 ng/ul

RT: 16.51 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

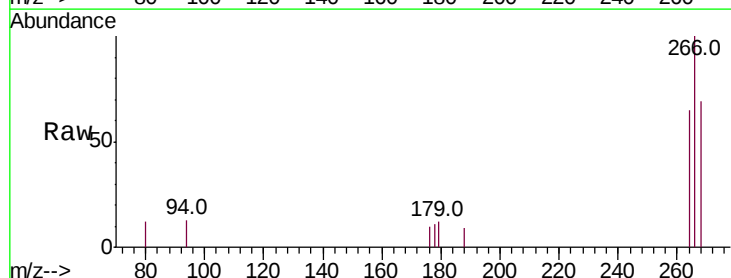
Tgt Ion:266 Resp: 767

Ion Ratio Lower Upper

266 100

264 61.5 51.0 76.6

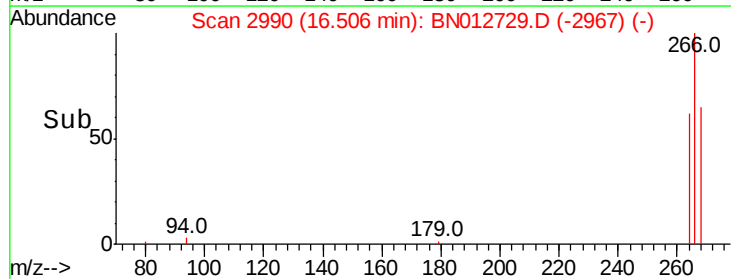
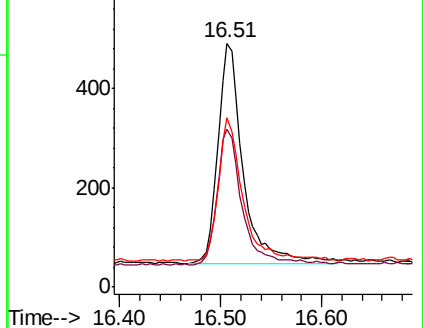
268 63.9 47.8 71.6

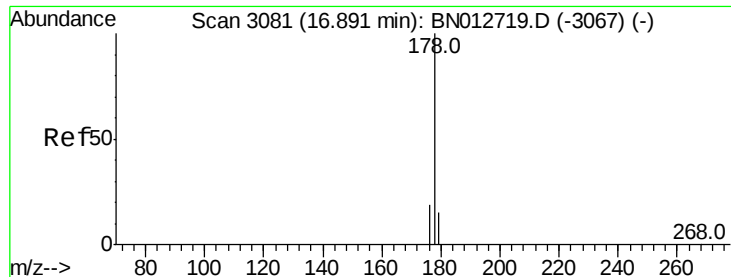


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.406 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

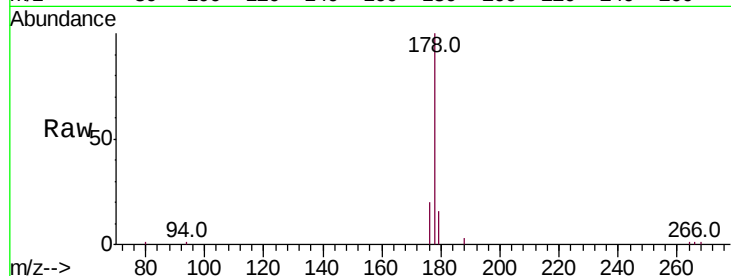
Tot Ion:178 Resp: 6629

Ion Ratio Lower Upper

178 100

179 16.4 13.8 20.6

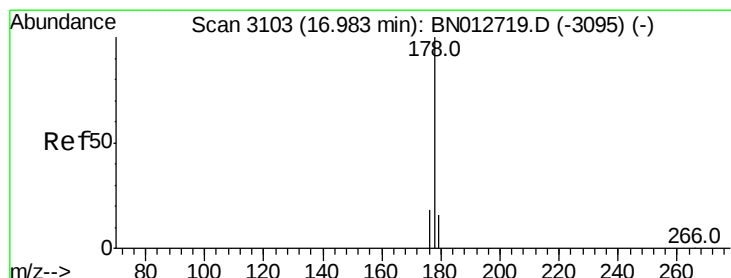
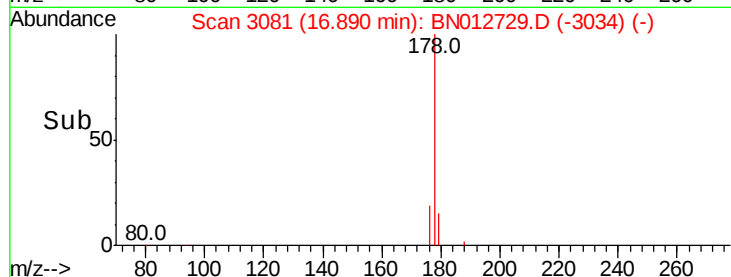
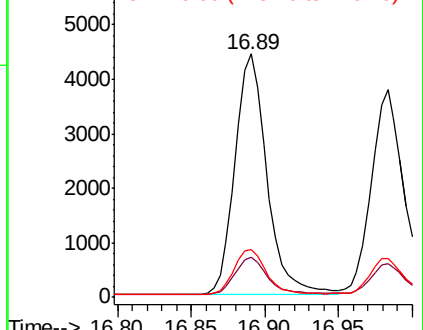
176 19.5 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E

6000 Ion 179.00 (178.70 to 179.70): E

5000 Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.426 ng/ul

RT: 16.98 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

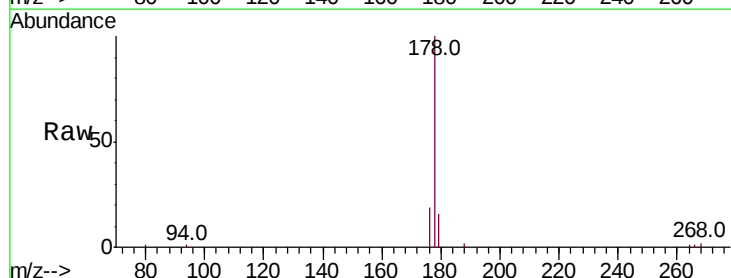
Tgt Ion:178 Resp: 6048

Ion Ratio Lower Upper

178 100

179 16.3 14.8 22.2

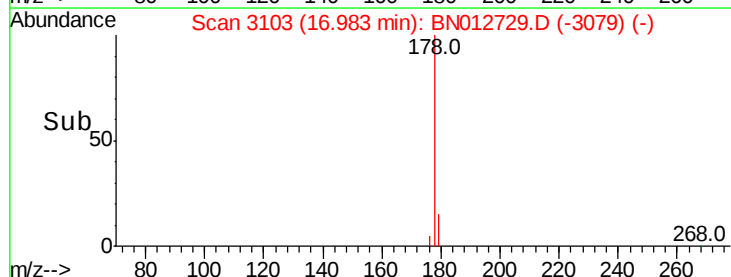
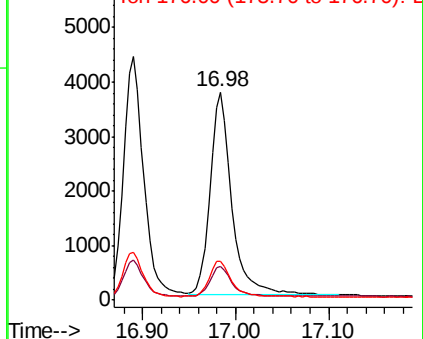
176 18.8 16.3 24.5

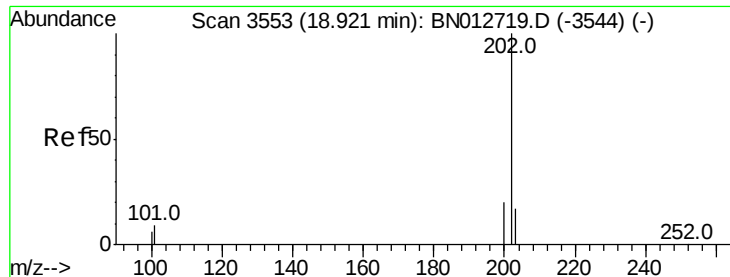


Abundance Ion 178.00 (177.70 to 178.70): E

6000 Ion 179.00 (178.70 to 179.70): E

5000 Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.430 ng/ul

RT: 18.92 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

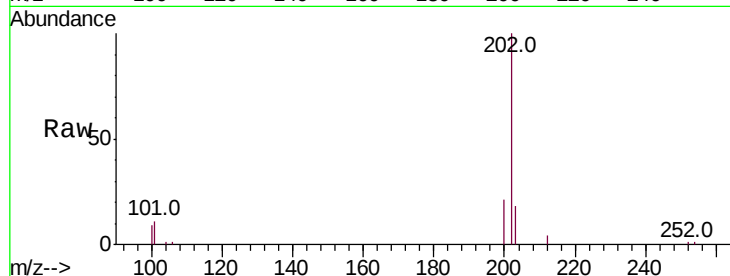
Tot Ion:202 Resp: 8110

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

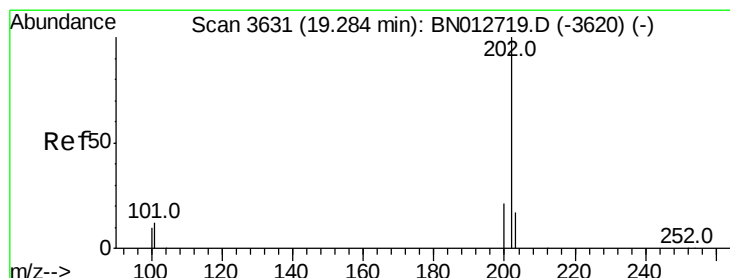
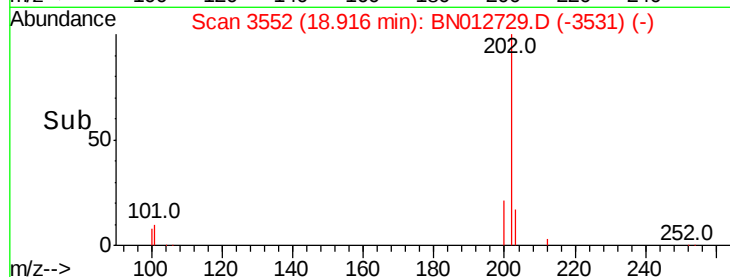
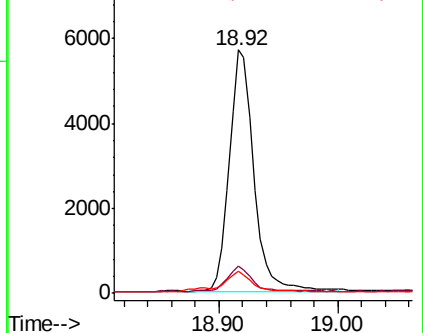
100 9.1 0.0 28.4



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: 0.441 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

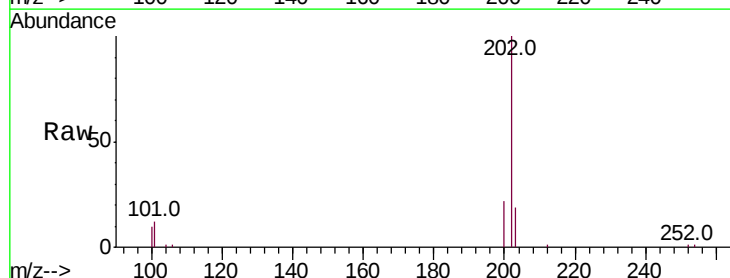
Tgt Ion:202 Resp: 8269

Ion Ratio Lower Upper

202 100

101 11.9 8.9 13.3

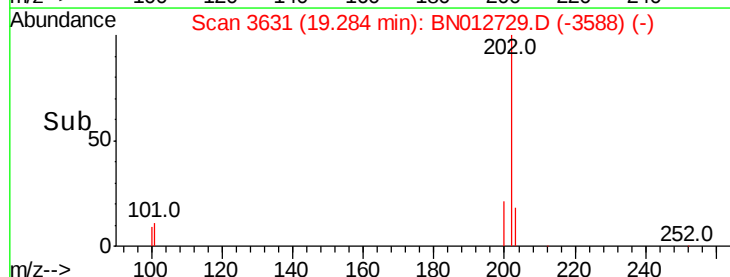
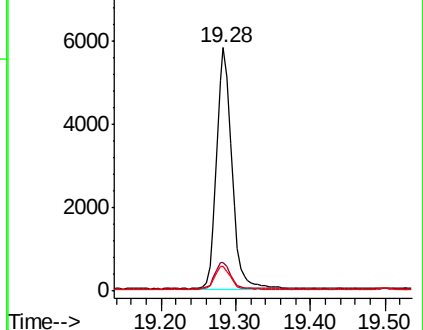
100 10.0 7.4 11.2

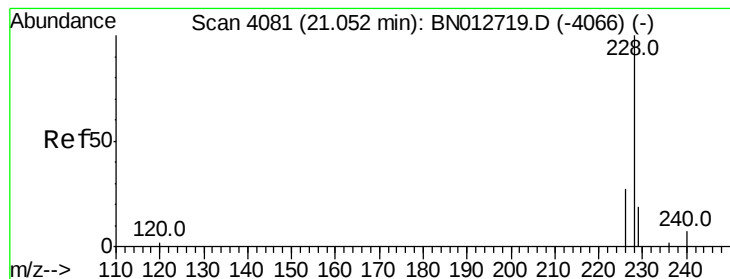


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.544 ng/ul

RT: 21.05 min Scan# 4079

Delta R.T. -0.00 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

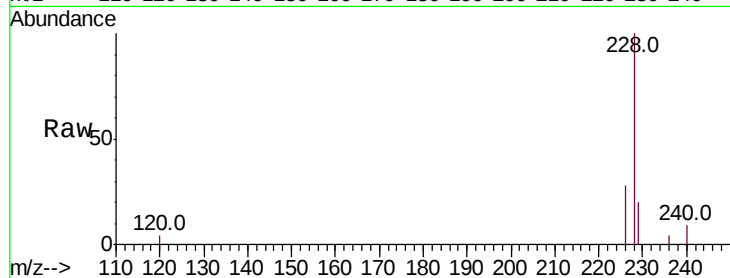
Tot Ion:228 Resp: 8177

Ion Ratio Lower Upper

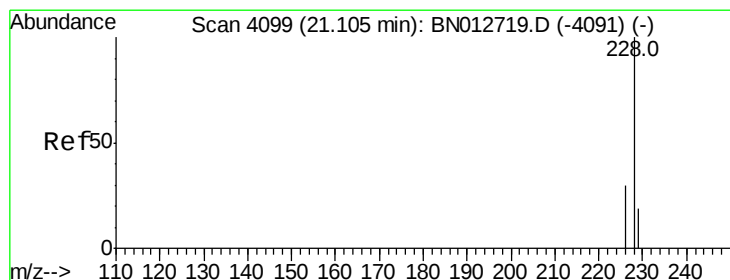
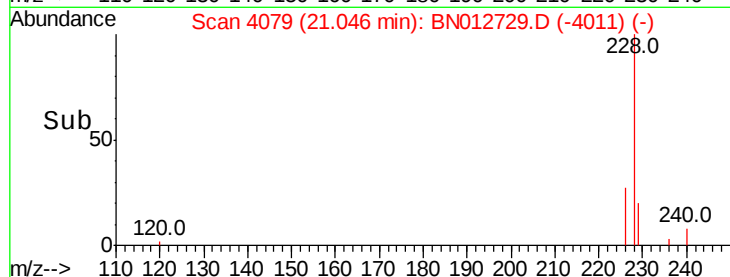
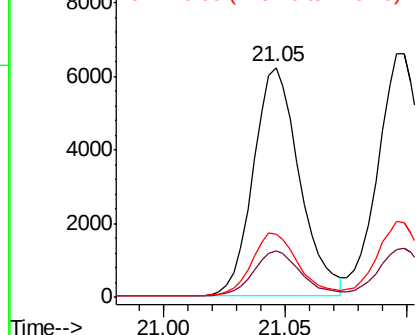
228 100

229 20.4 16.9 25.3

226 27.7 23.1 34.7



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: 0.500 ng/ul

RT: 21.10 min Scan# 4096

Delta R.T. -0.01 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

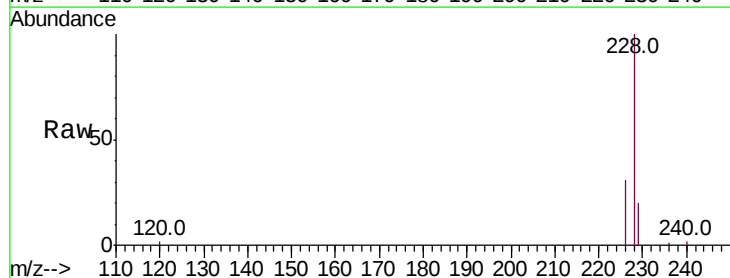
Tgt Ion:228 Resp: 9387

Ion Ratio Lower Upper

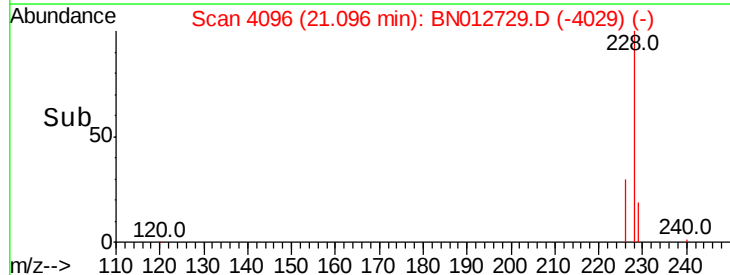
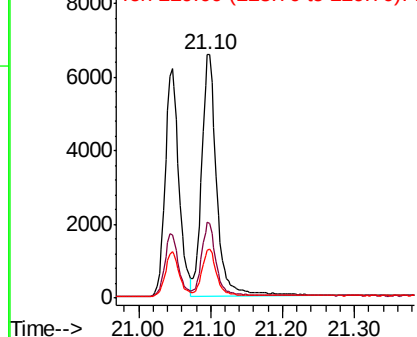
228 100

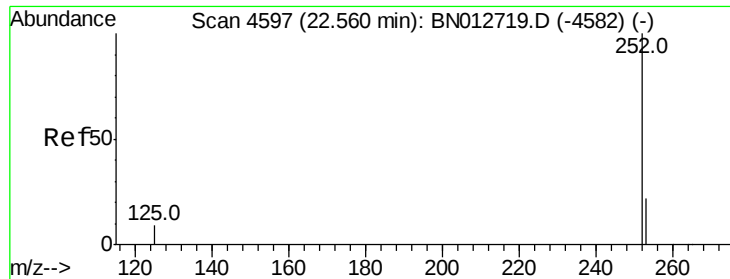
226 30.9 24.4 36.6

229 19.8 16.1 24.1



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: 0.484 ng/ul

RT: 22.55 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

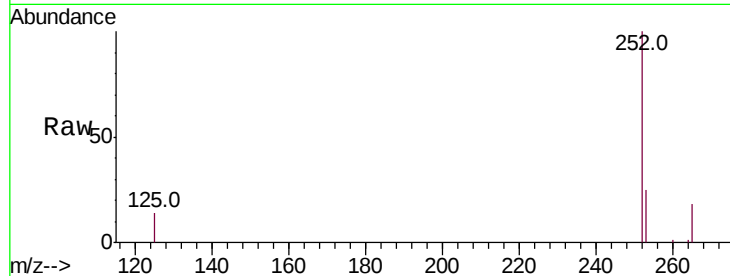
Tot Ion:252 Resp: 9709

Ion Ratio Lower Upper

252 100

253 25.5 0.0 58.4

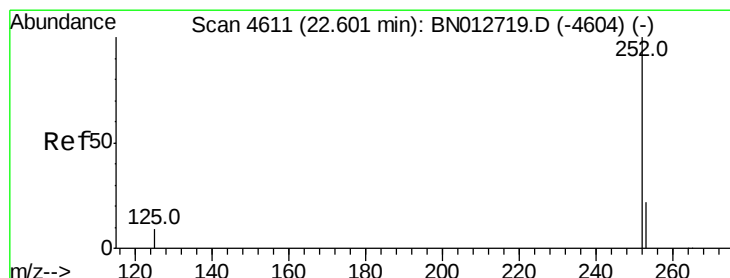
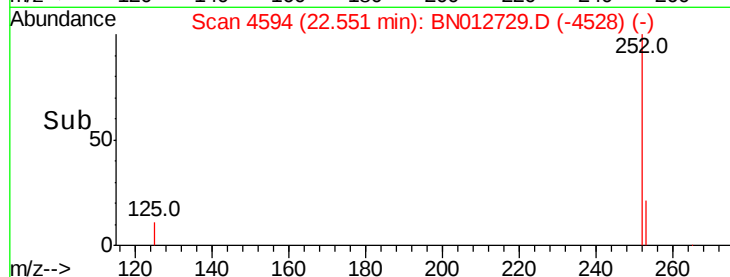
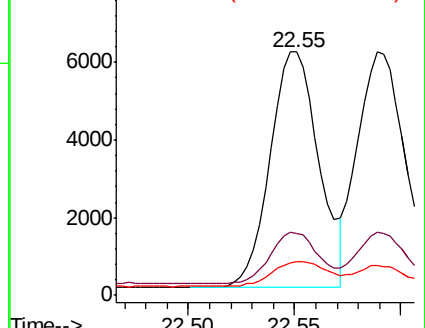
125 13.8 0.0 28.6



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



#22

Benzo(k)fluoranthene

Concen: 0.436 ng/ul

RT: 22.59 min Scan# 4607

Delta R.T. -0.01 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

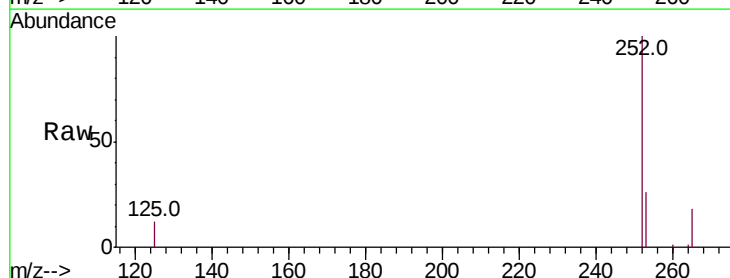
Tgt Ion:252 Resp: 10086

Ion Ratio Lower Upper

252 100

253 25.7 23.4 35.2

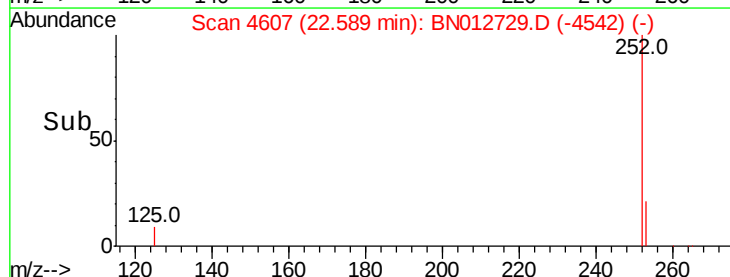
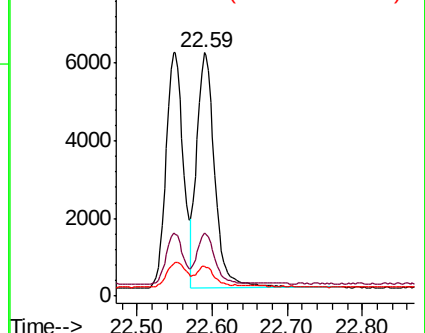
125 12.3 10.2 15.2

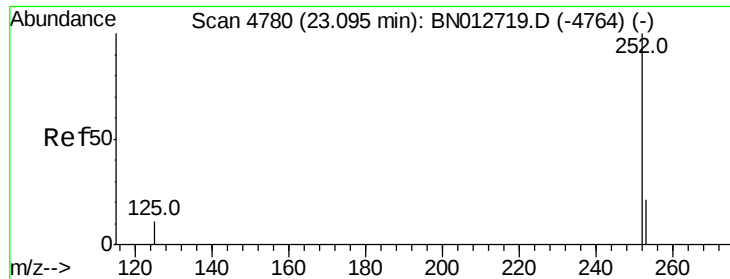


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.470 ng/ul

RT: 23.08 min Scan# 4776

Delta R.T. -0.01 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.414

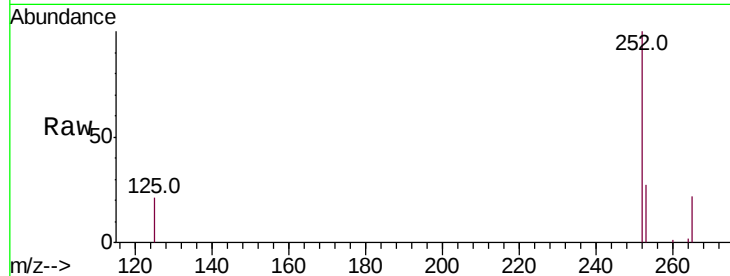
Tot Ion:252 Resp: 8884

Ion Ratio Lower Upper

252 100

253 27.1 27.6 41.4#

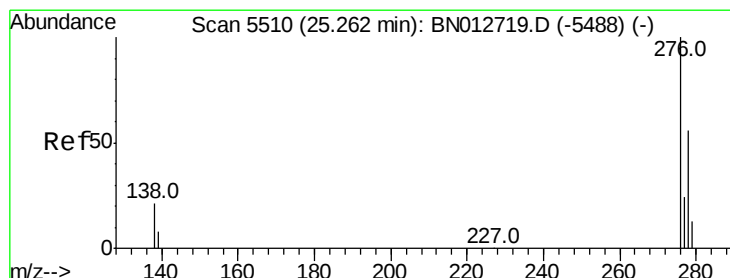
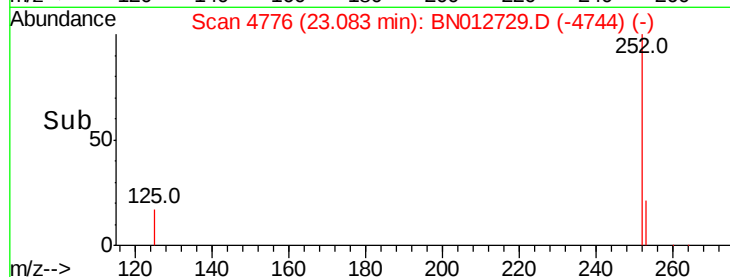
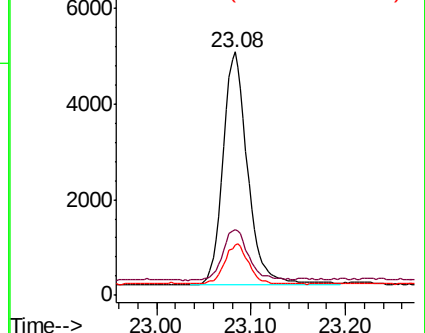
125 20.8 17.0 25.4



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: 0.467 ng/ul

RT: 25.25 min Scan# 5507

Delta R.T. -0.01 min

Lab File: BN012729.D

Acq: 24 Nov 2020 22:51

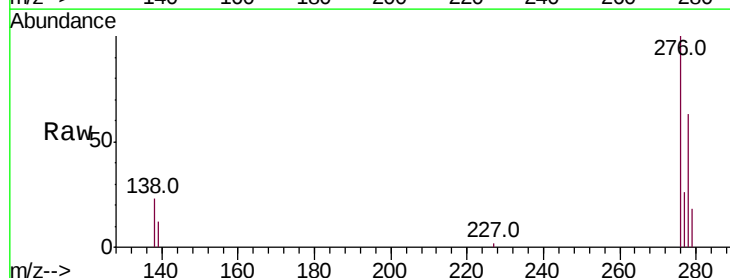
Tgt Ion:276 Resp: 11531

Ion Ratio Lower Upper

276 100

138 21.9 16.5 24.7

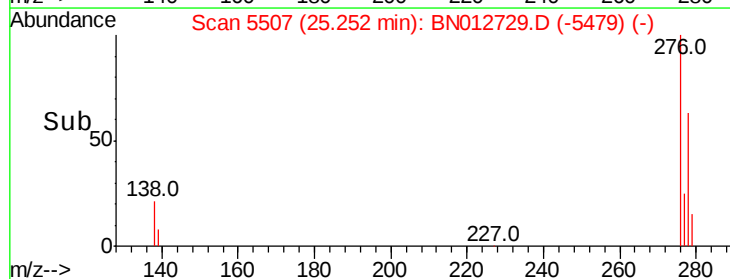
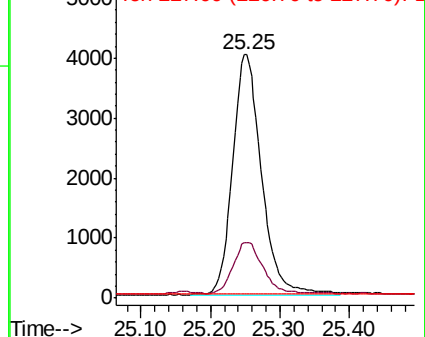
227 0.2 0.1 0.1#

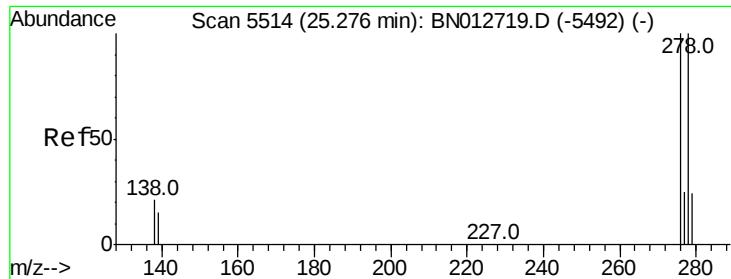


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

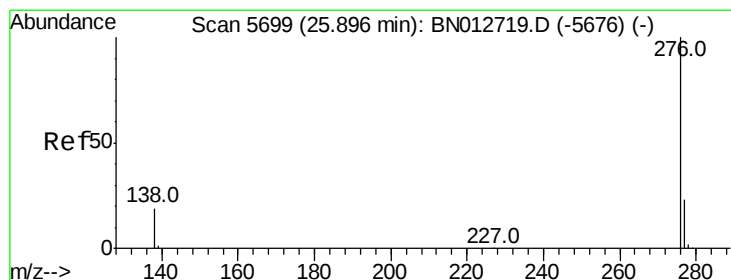
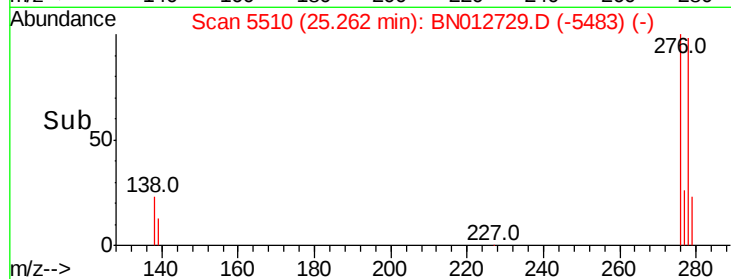
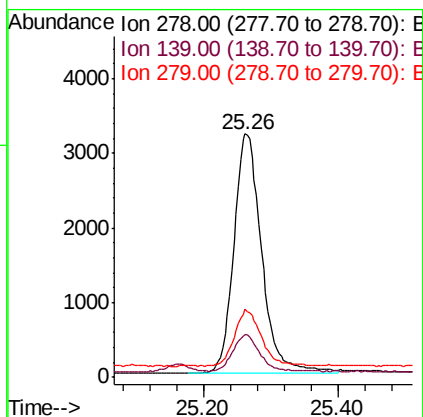
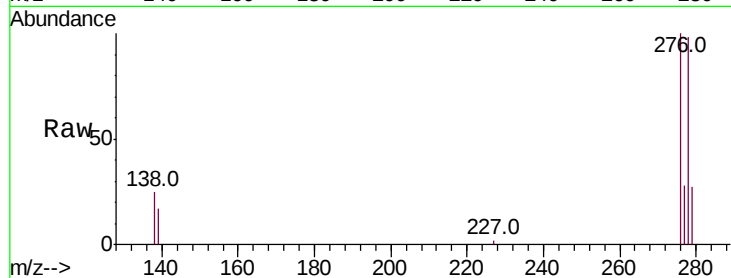




#25
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012729.D
Acq: 24 Nov 2020 22:51

Instrument :
BNA_N
ClientSampleId :
SSTD0.414

Tot Ion:278 Resp: 9167
Ion Ratio Lower Upper
278 100
139 17.6 13.8 20.8
279 27.8 25.6 38.4



#26
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 25.89 min Scan# 5696
Delta R.T. -0.00 min
Lab File: BN012729.D
Acq: 24 Nov 2020 22:51

Tgt Ion:276 Resp: 9789
Ion Ratio Lower Upper
276 100
138 21.5 16.3 24.5
277 24.8 21.8 32.8

