

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012248.D
 Acq On : 16 Oct 2020 01:14
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 01:54:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:19:50 2020
 Response via : Initial Calibration

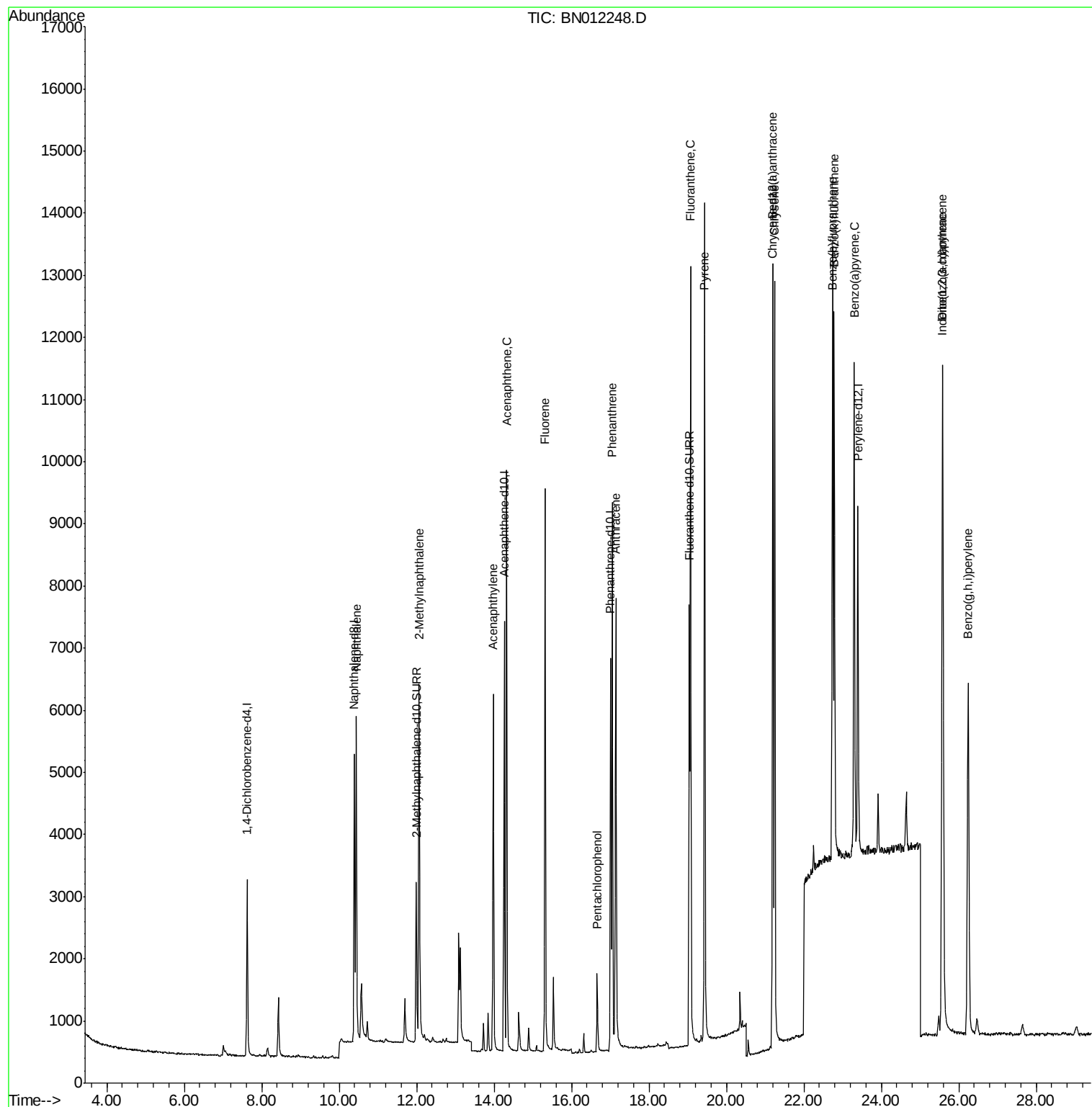
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1563	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6672	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3818	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	7956	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6753	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7003	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4011	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	8248	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	7526	0.391	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	4955	0.405	ng/ul	99
7) Acenaphthylene	13.98	152	6870	0.415	ng/ul	99
8) Acenaphthene	14.32	153	5513	0.394	ng/ul	98
9) Fluorene	15.31	166	6165	0.396	ng/ul	100
11) Pentachlorophenol	16.66	266	962	0.418	ng/ul	99
12) Phenanthrene	17.05	178	9885	0.390	ng/ul	98
13) Anthracene	17.14	178	8866	0.408	ng/ul	99
15) Fluoranthene	19.07	202	11337	0.382	ng/ul	98
17) Pyrene	19.44	202	11668	0.383	ng/ul	99
18) Benzo(a)anthracene	21.19	228	10028	0.401	ng/ul	98
19) Chrysene	21.24	228	11224	0.368	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	11223	0.397	ng/ul	94
22) Benzo(k)fluoranthene	22.78	252	11452	0.366	ng/ul	95
23) Benzo(a)pyrene	23.30	252	10503	0.382	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.57	276	13335	0.377	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	10872	0.384	ng/ul	95
26) Benzo(g,h,i)perylene	26.24	276	11650	0.360	ng/ul	99

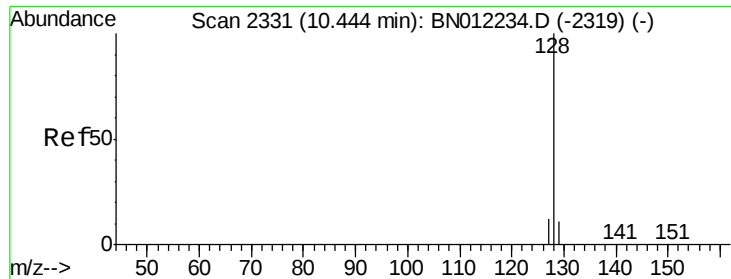
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.391 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

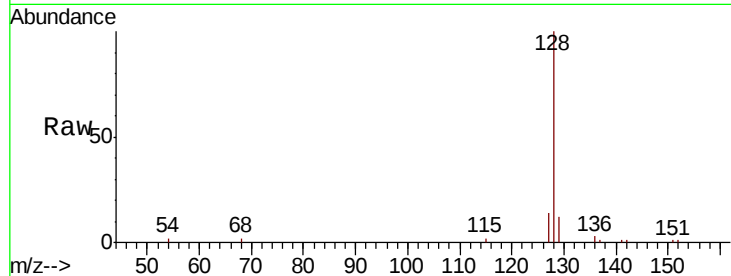
Tot Ion:128 Resp: 7526

Ion Ratio Lower Upper

128 100

129 12.0 10.3 15.5

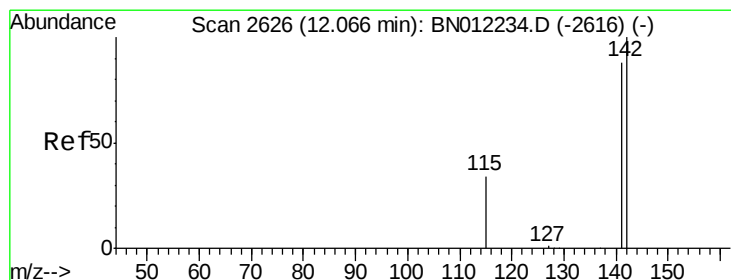
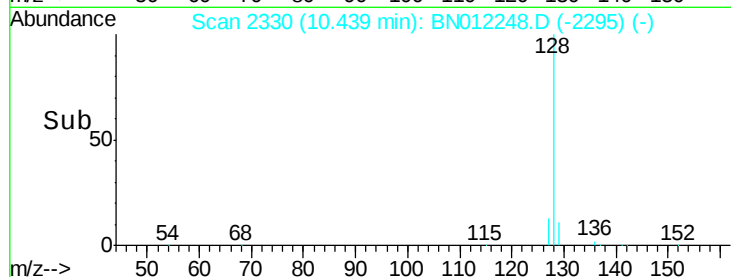
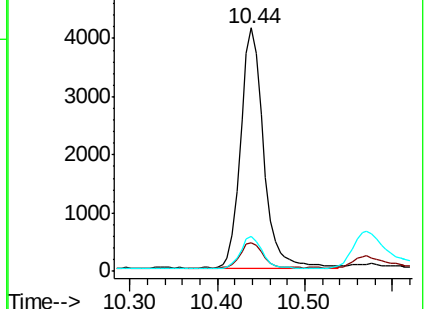
127 14.5 11.9 17.9



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: 0.405 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.01 min

Lab File: BN012248.D

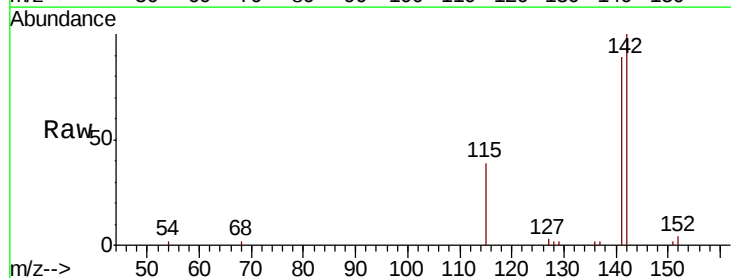
Acq: 16 Oct 2020 01:14

Tgt Ion:142 Resp: 4955

Ion Ratio Lower Upper

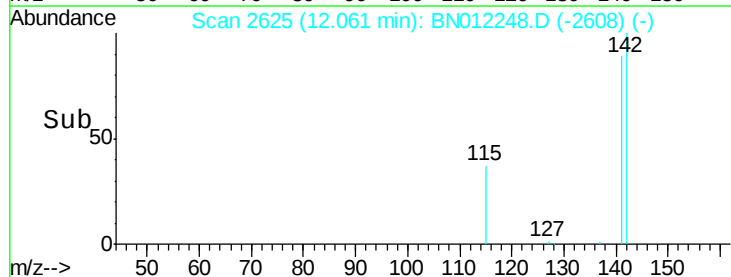
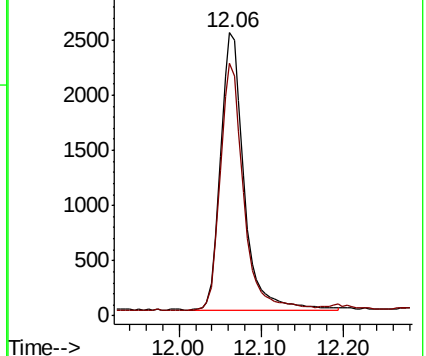
142 100

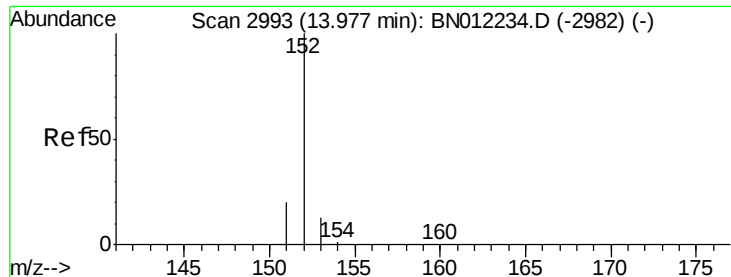
141 88.8 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.415 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

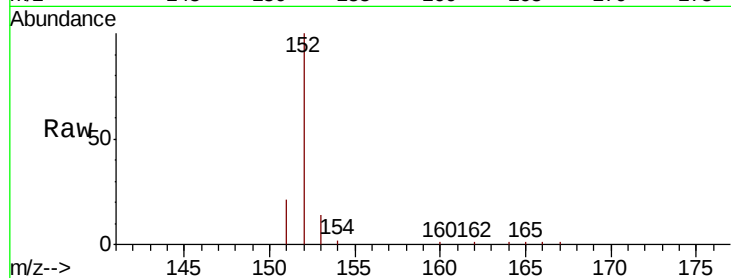
Tot Ion:152 Resp: 6870

Ion Ratio Lower Upper

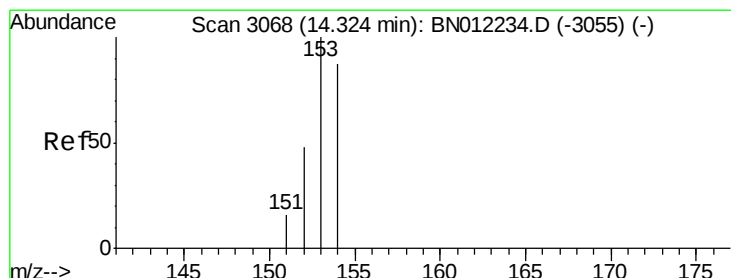
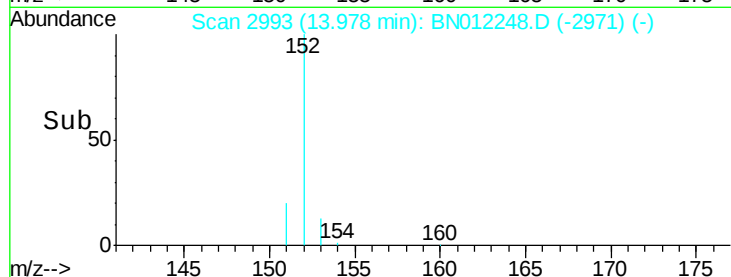
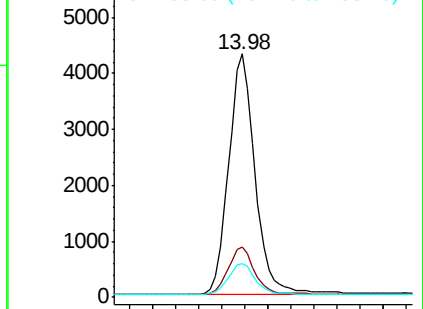
152 100

151 20.6 16.7 25.1

153 13.9 11.8 17.8



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: 0.394 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

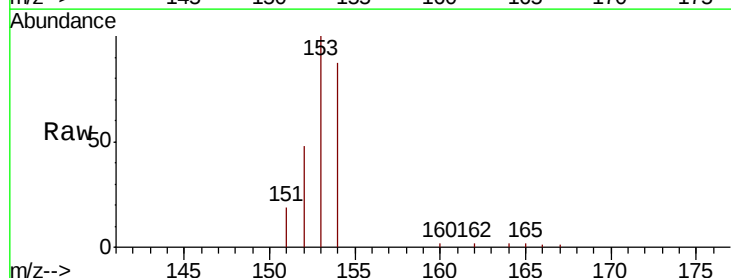
Tgt Ion:153 Resp: 5513

Ion Ratio Lower Upper

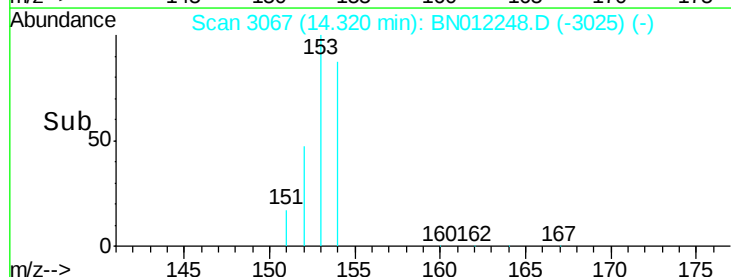
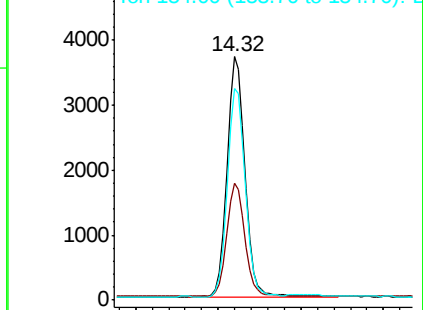
153 100

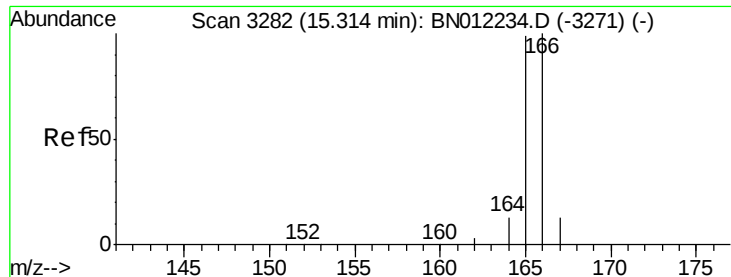
152 48.1 38.2 57.2

154 87.0 71.1 106.7



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: 0.396 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

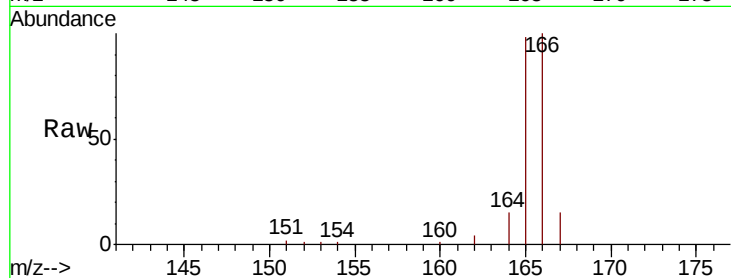
Tot Ion:166 Resp: 6165

Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

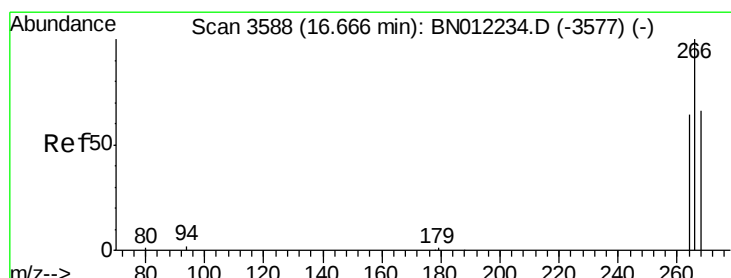
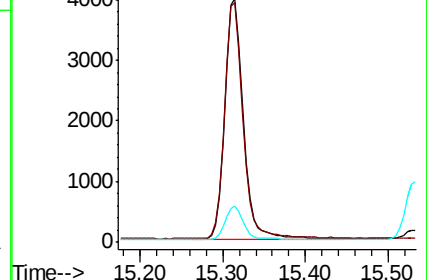
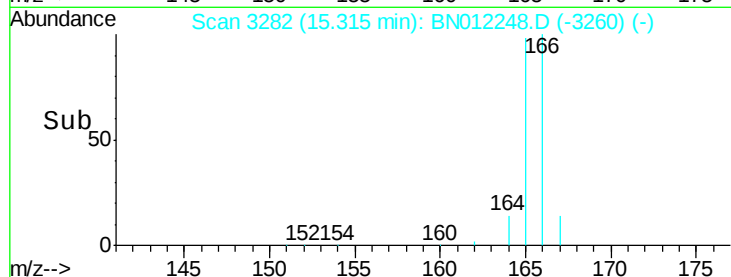
167 14.7 11.9 17.9



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: 0.418 ng/ul

RT: 16.66 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

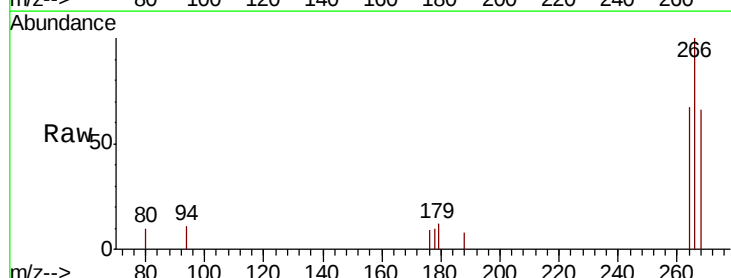
Tgt Ion:266 Resp: 962

Ion Ratio Lower Upper

266 100

264 63.0 50.3 75.5

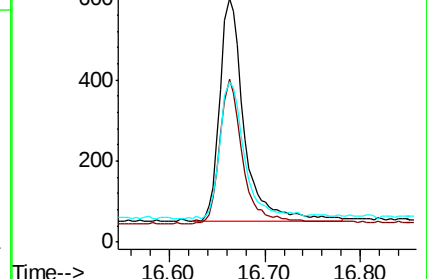
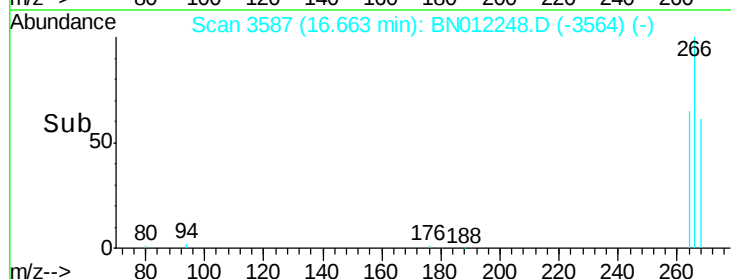
268 63.3 52.4 78.6

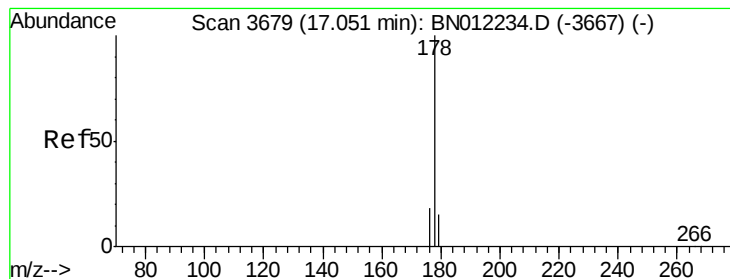


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.390 ng/ul

RT: 17.05 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

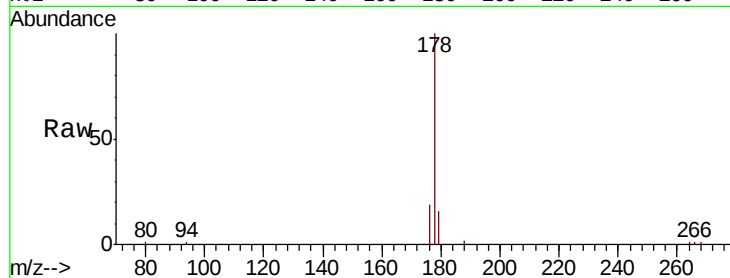
Tot Ion:178 Resp: 9885

Ion Ratio Lower Upper

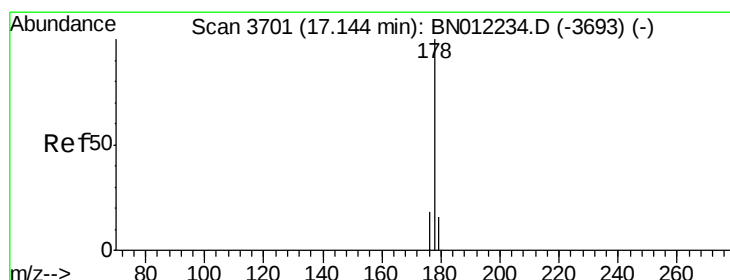
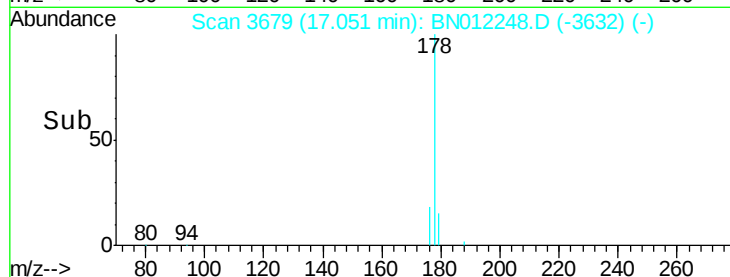
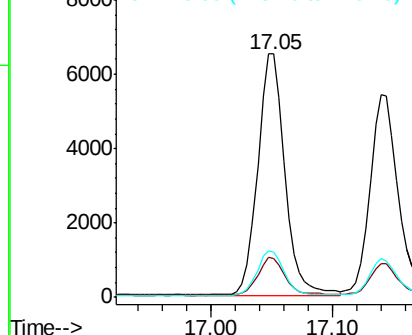
178 100

179 16.1 13.4 20.2

176 18.8 15.7 23.5



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: 0.408 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

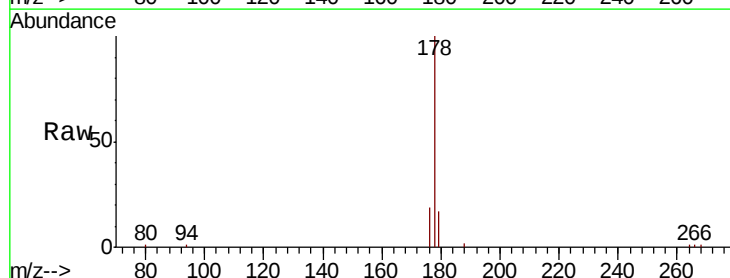
Tgt Ion:178 Resp: 8866

Ion Ratio Lower Upper

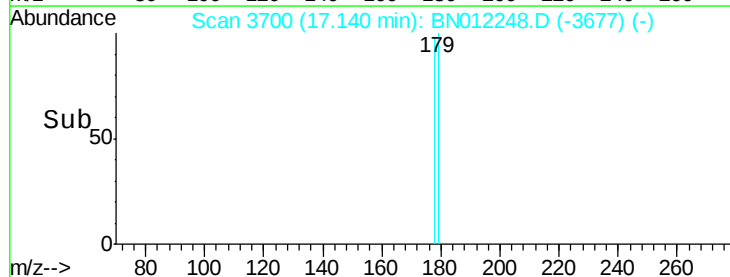
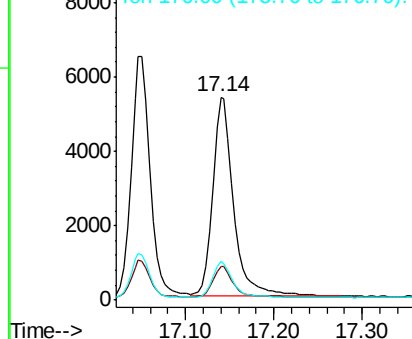
178 100

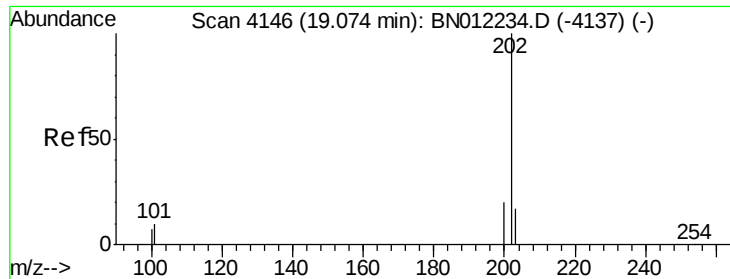
179 16.7 13.9 20.9

176 19.3 15.4 23.0



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: 0.382 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

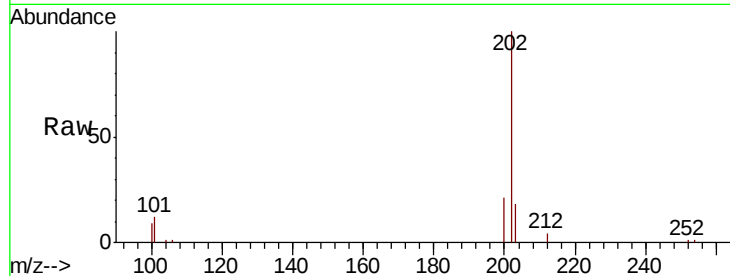
Tot Ion:202 Resp: 11337

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.0

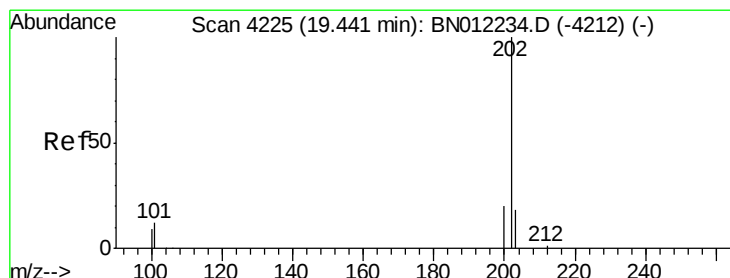
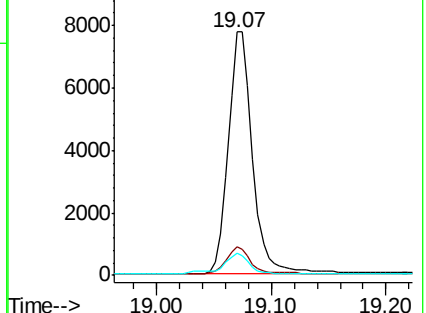
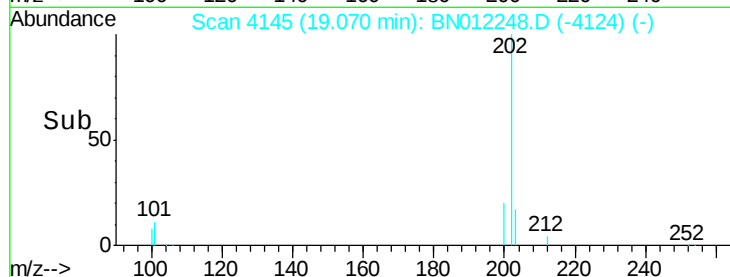
100 9.0 0.0 28.7



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: 0.383 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

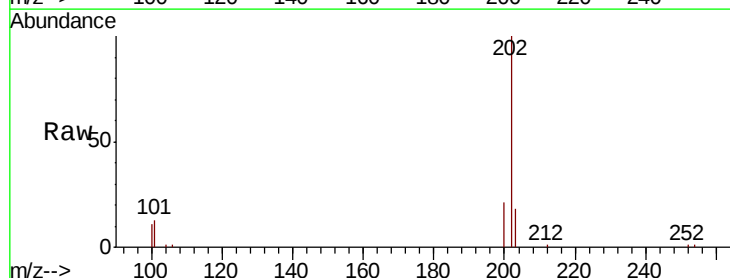
Tgt Ion:202 Resp: 11668

Ion Ratio Lower Upper

202 100

101 12.7 9.9 14.9

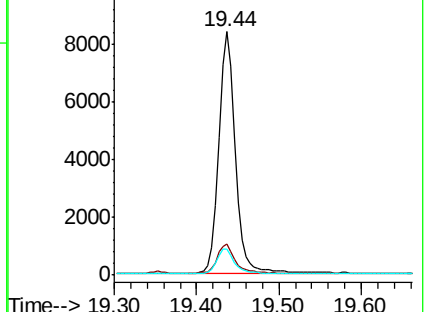
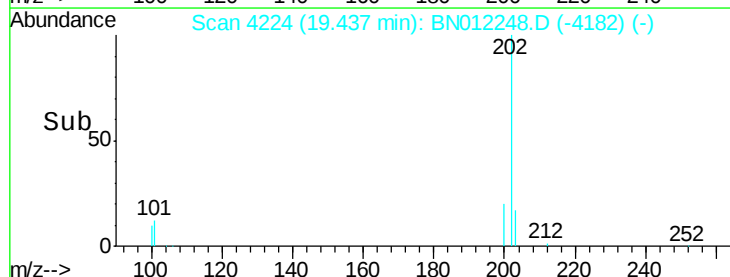
100 10.7 8.0 12.0

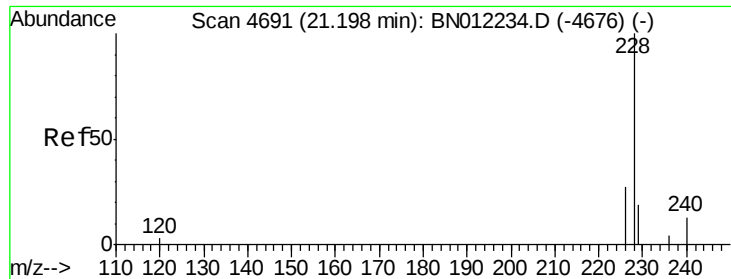


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.401 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.01 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

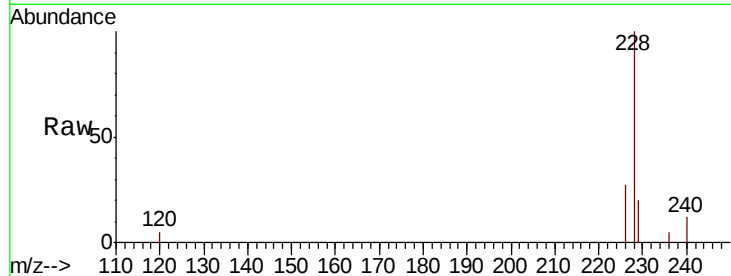
Tot Ion:228 Resp: 10028

Ion Ratio Lower Upper

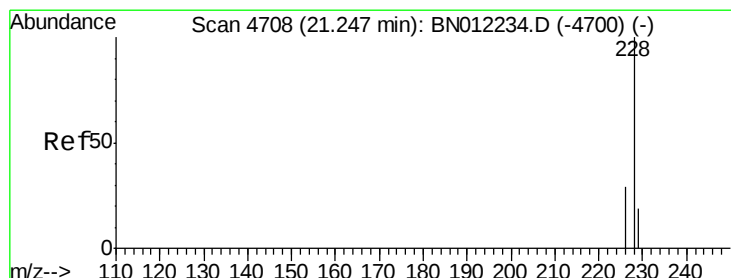
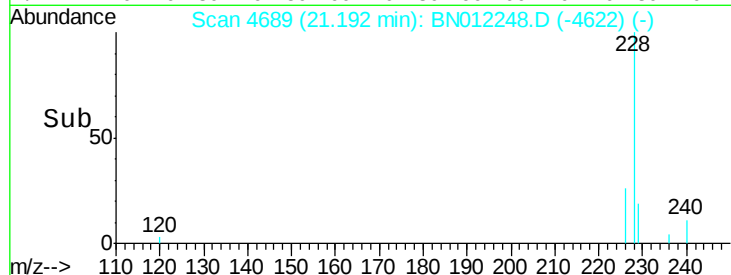
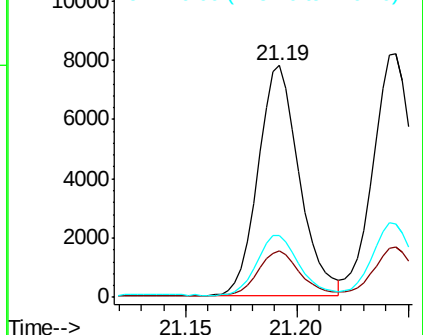
228 100

229 20.2 15.8 23.8

226 26.7 22.6 33.8



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: 0.368 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

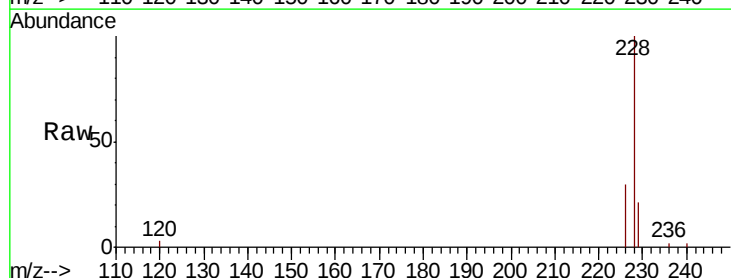
Tgt Ion:228 Resp: 11224

Ion Ratio Lower Upper

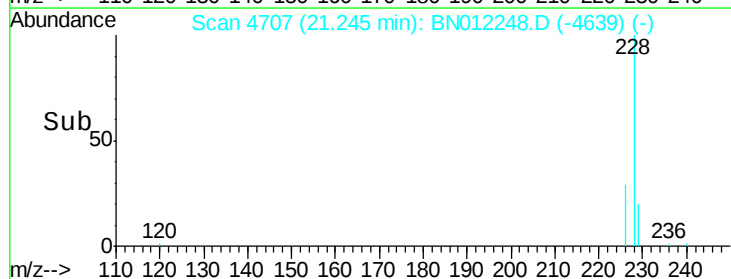
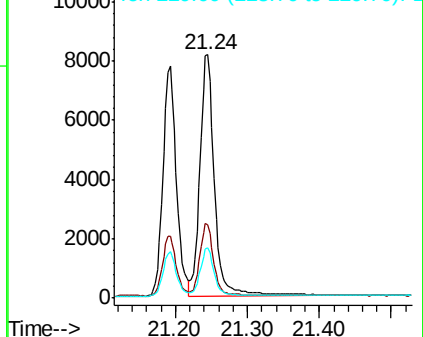
228 100

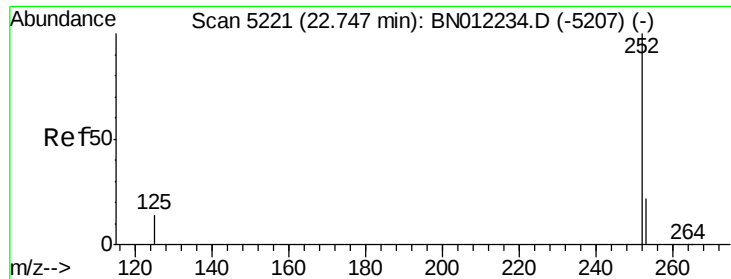
226 30.0 24.6 37.0

229 20.6 17.0 25.6



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: 0.397 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

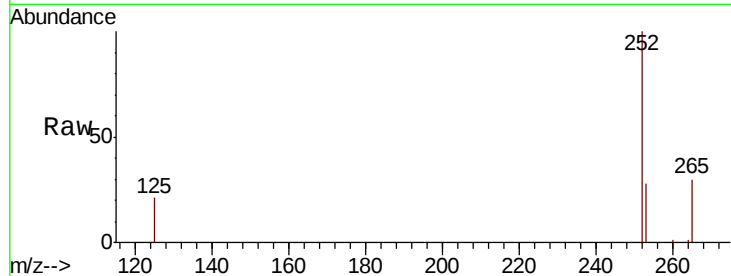
Tot Ion:252 Resp: 11223

Ion Ratio Lower Upper

252 100

253 27.8 0.0 61.6

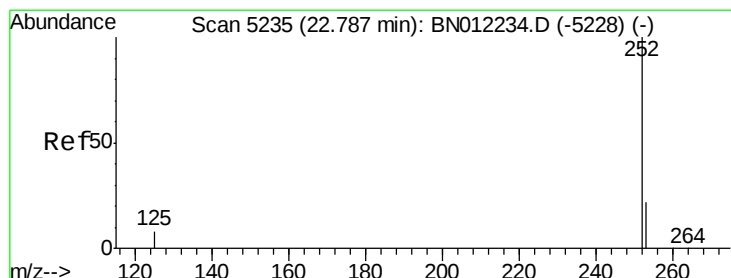
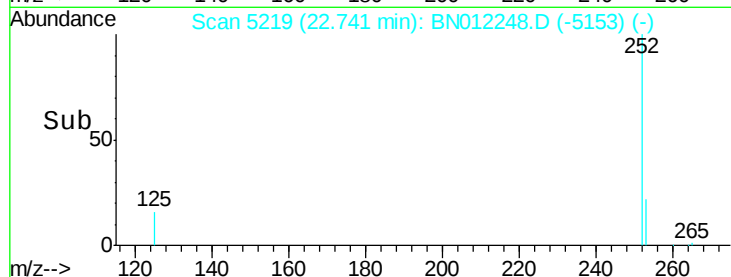
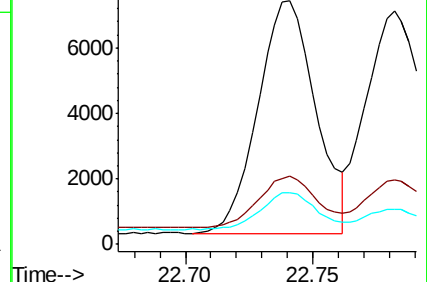
125 21.4 0.0 36.8



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



#22

Benzo(k)fluoranthene

Concen: 0.366 ng/ul

RT: 22.78 min Scan# 5233

Delta R.T. -0.01 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

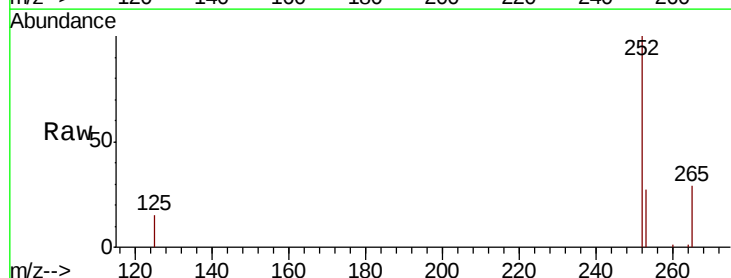
Tgt Ion:252 Resp: 11452

Ion Ratio Lower Upper

252 100

253 27.4 24.4 36.6

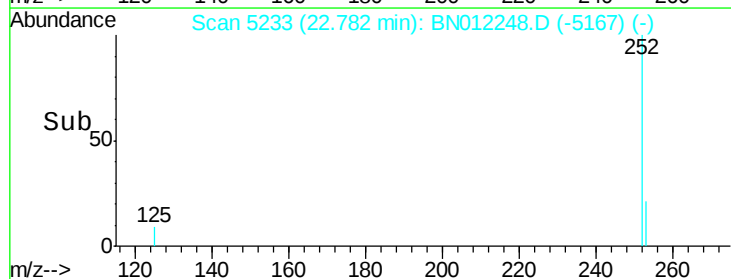
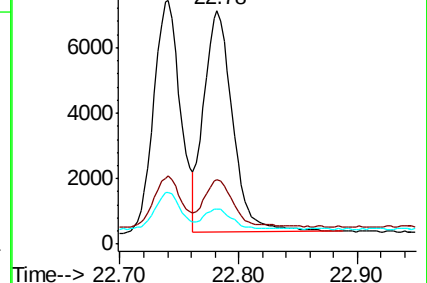
125 15.1 12.9 19.3

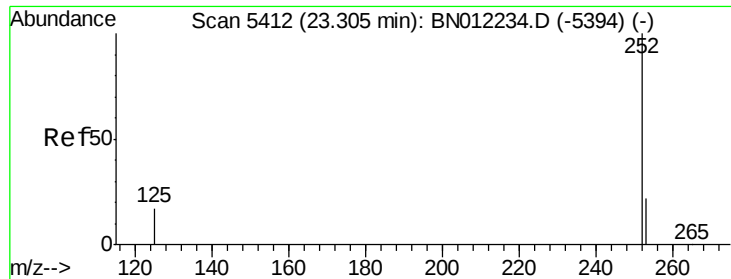


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.30 min Scan# 5410

Delta R.T. -0.01 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

Instrument :

BNA_N

ClientSampleId :

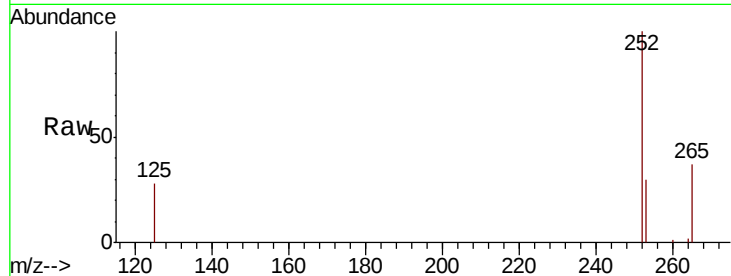
Tot Ion:252 Resp: 10503

Ion Ratio Lower Upper

252 100

253 30.4 27.0 40.4

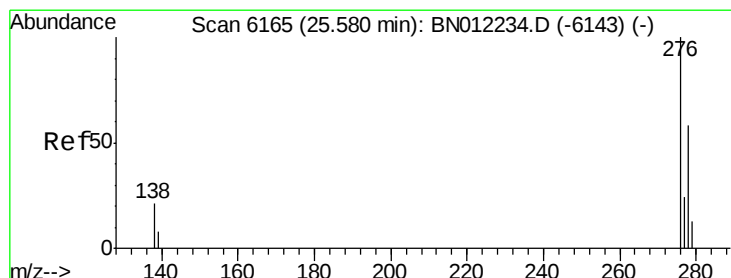
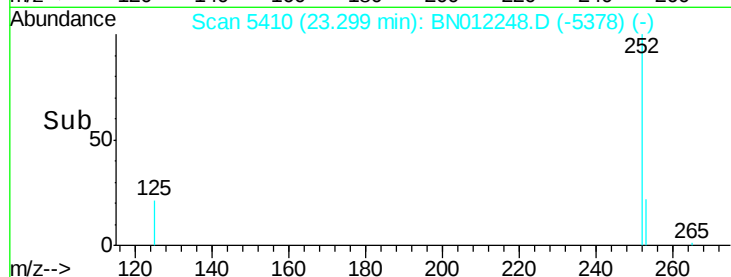
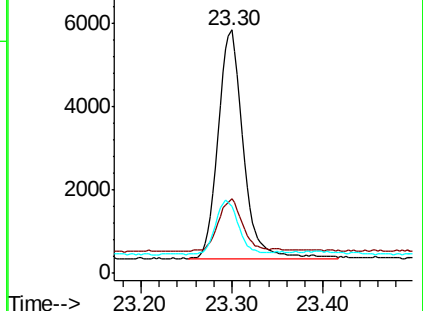
125 27.6 18.8 28.2



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

RT: 25.57 min Scan# 6162

Delta R.T. -0.01 min

Lab File: BN012248.D

Acq: 16 Oct 2020 01:14

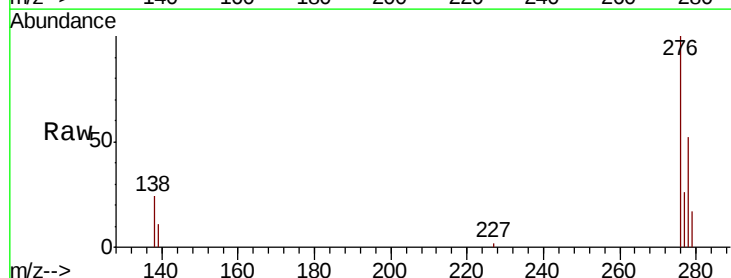
Tgt Ion:276 Resp: 13335

Ion Ratio Lower Upper

276 100

138 22.2 0.0 0.0#

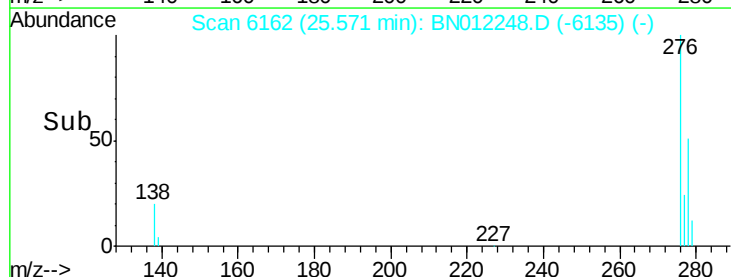
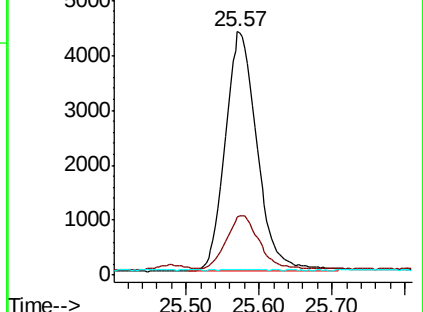
227 0.1 0.0 0.0#

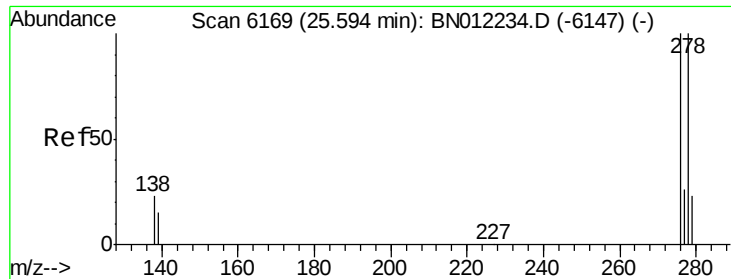


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

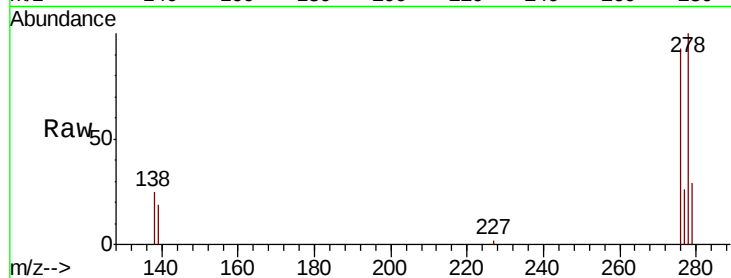




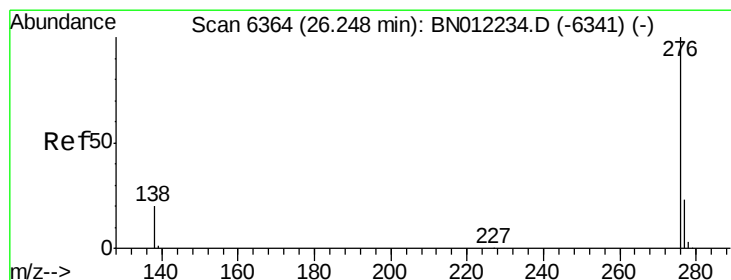
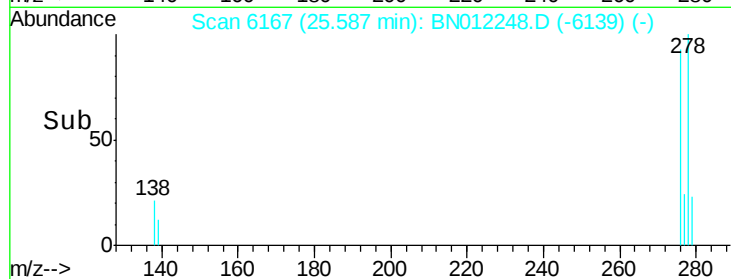
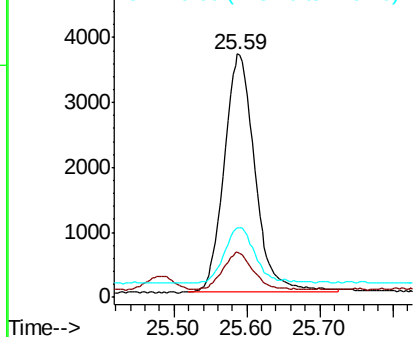
#25
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.01 min
Lab File: BN012248.D
Acq: 16 Oct 2020 01:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 10872
Ion Ratio Lower Upper
278 100
139 18.6 15.7 23.5
279 28.6 26.0 39.0

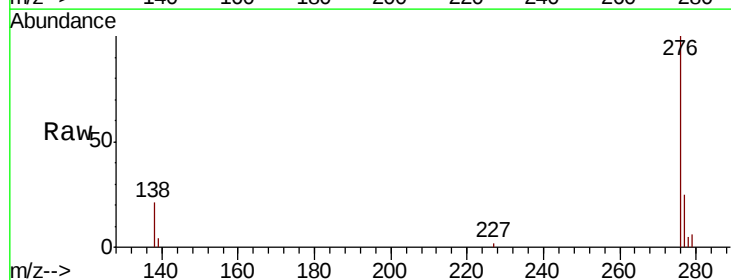


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.24 min Scan# 6362
Delta R.T. -0.01 min
Lab File: BN012248.D
Acq: 16 Oct 2020 01:14

Tgt Ion:276 Resp: 11650
Ion Ratio Lower Upper
276 100
138 21.2 17.1 25.7
277 25.5 21.1 31.7



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

