

Data File : BN008622.D
Acq On : 19 Nov 2019 02:08
Operator : JU
Sample : SSTDC00.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.410

Quant Time: Nov 19 03:24:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3187	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11802	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	6638	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13538	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10973	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11481	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	7836	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	16886	0.41	ng/ul	0.00

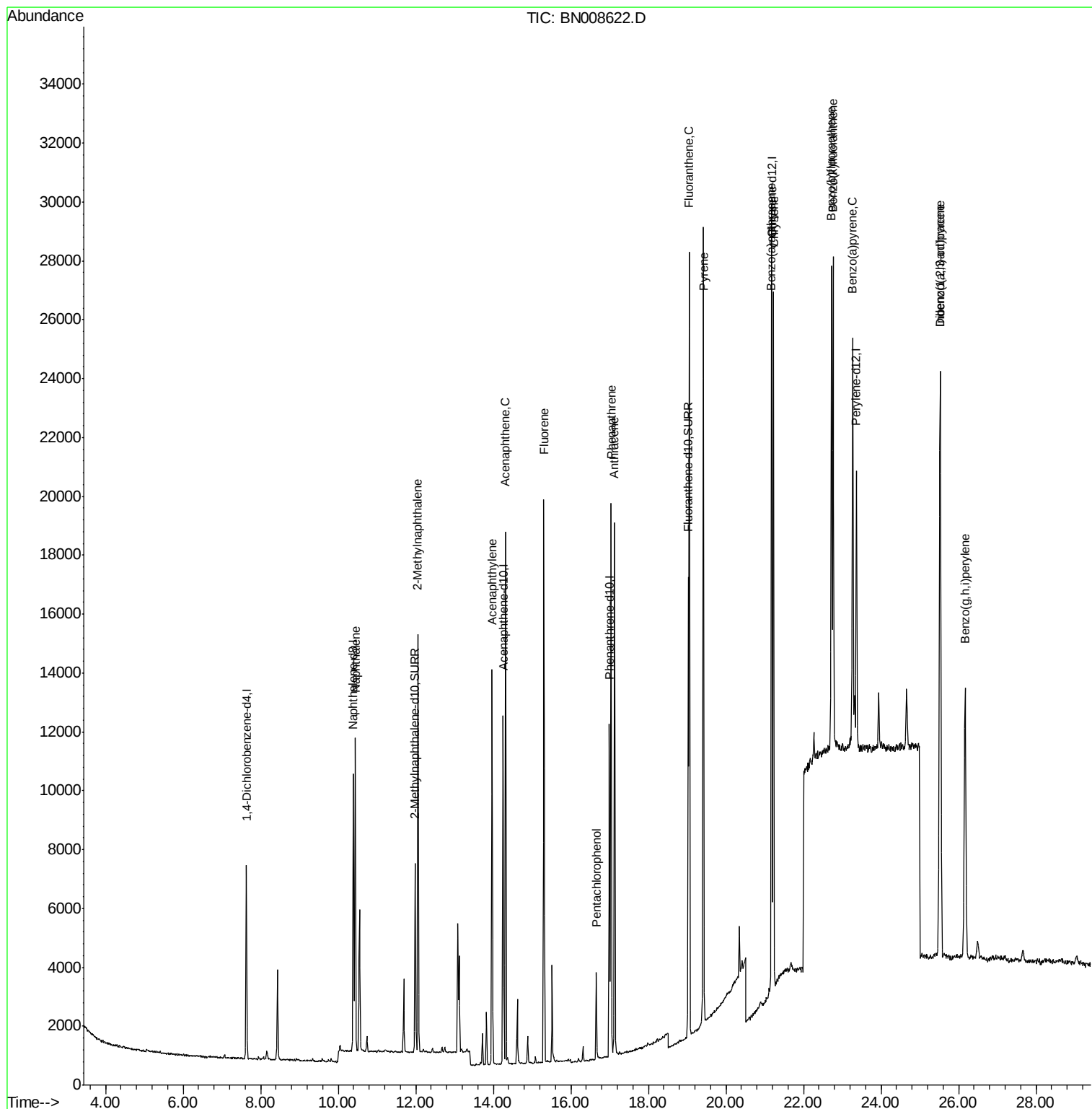
Target Compounds						Qvalue
3) Naphthalene	10.44	128	14150	0.398	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	9899	0.398	ng/ul	99
7) Acenaphthylene	13.97	152	14830	0.404	ng/ul	99
8) Acenaphthene	14.32	153	10254	0.376	ng/ul	98
9) Fluorene	15.31	166	11765	0.368	ng/ul	100
11) Pentachlorophenol	16.65	266	1911	0.373	ng/ul	99
12) Phenanthrene	17.03	178	18994	0.416	ng/ul	99
13) Anthracene	17.13	178	18775	0.435	ng/ul	100
15) Fluoranthene	19.06	202	22056	0.393	ng/ul	96
17) Pyrene	19.42	202	22750	0.517	ng/ul	100
18) Benzo(a)anthracene	21.17	228	20304	0.460	ng/ul	96
19) Chrysene	21.22	228	19063	0.440	ng/ul	97
21) Benzo(b)fluoranthene	22.72	252	19015	0.402	ng/ul#	76
22) Benzo(k)fluoranthene	22.76	252	18905	0.403	ng/ul#	70
23) Benzo(a)pyrene	23.27	252	18464	0.415	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.51	276	21667	0.417	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.53	278	17506	0.417	ng/ul#	82
26) Benzo(g,h,i)perylene	26.17	276	18248	0.420	ng/ul#	87

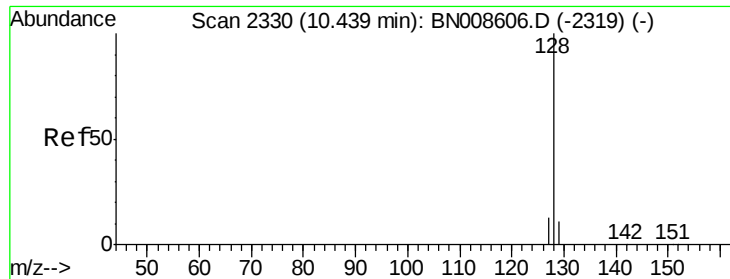
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.398 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008622.D

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SSTD0.410

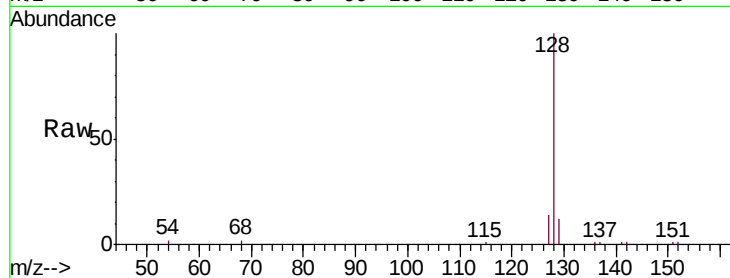
Tgt Ion:128 Resp: 14150

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

127 14.1 10.8 16.2

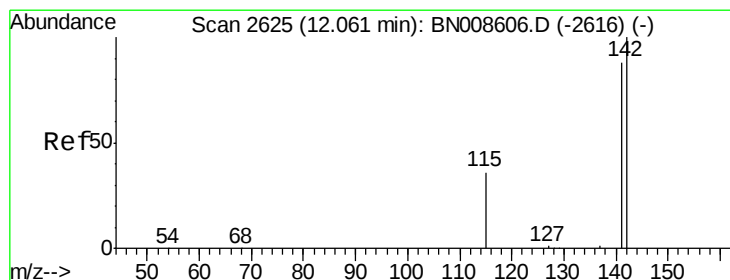
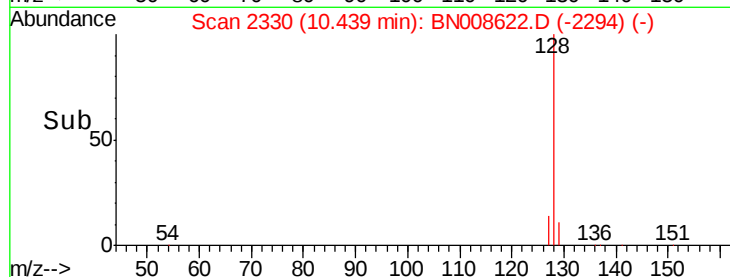
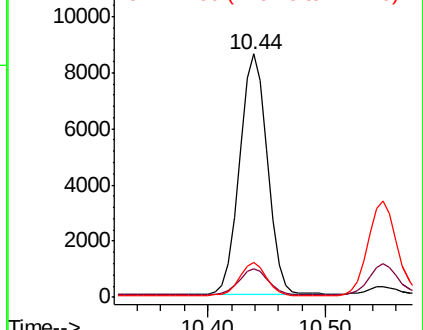


Abundance

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: 0.398 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN008622.D

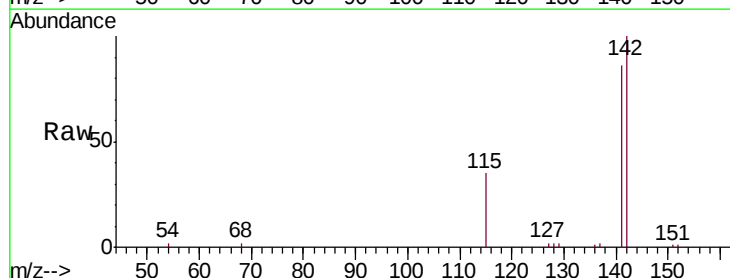
Acq: 19 Nov 2019 02:08

Tgt Ion:142 Resp: 9899

Ion Ratio Lower Upper

142 100

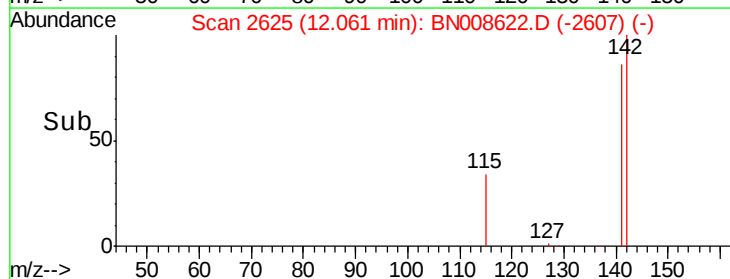
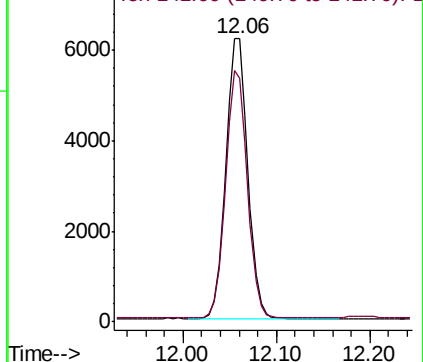
141 87.5 70.5 105.7

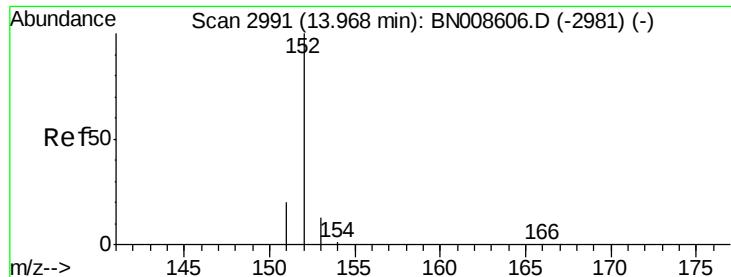


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.404 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.410

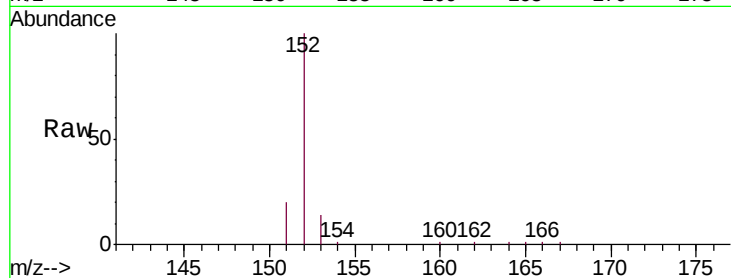
Tgt Ion:152 Resp: 14830

Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

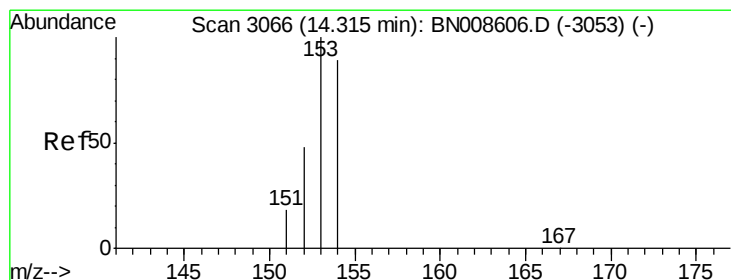
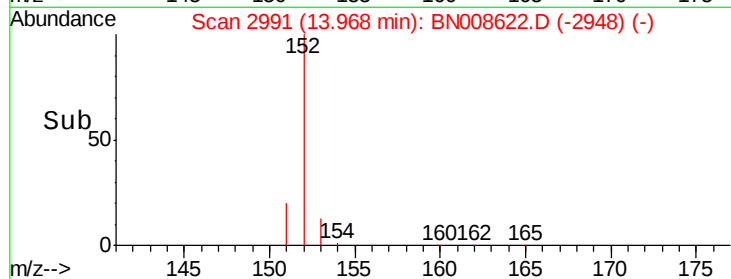
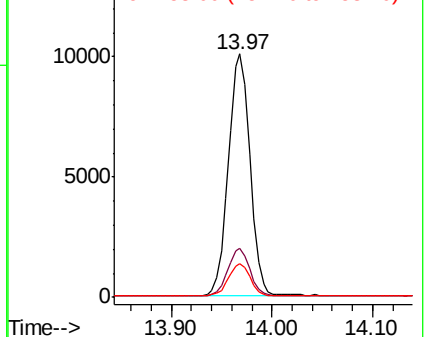
153 14.0 11.1 16.7



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: 0.376 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

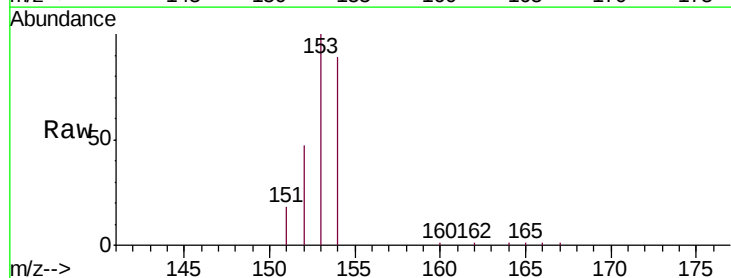
Tgt Ion:153 Resp: 10254

Ion Ratio Lower Upper

153 100

152 46.8 39.6 59.4

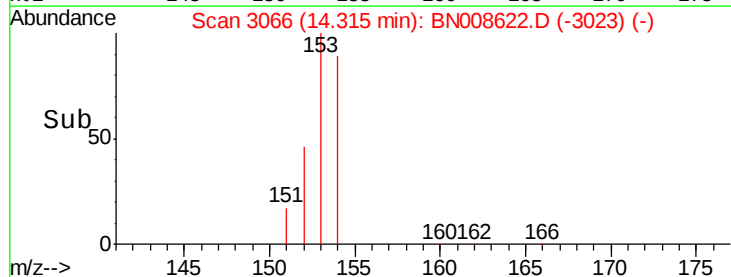
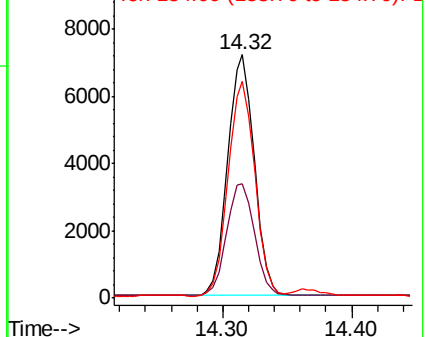
154 89.1 70.6 106.0

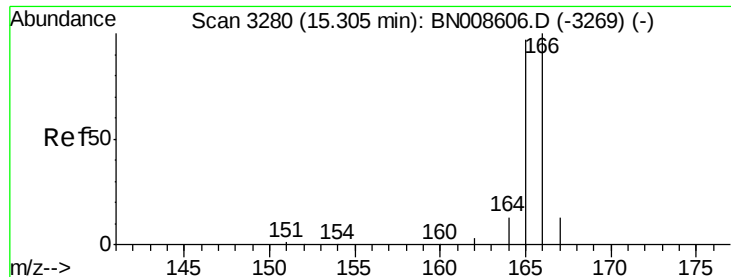


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.368 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.410

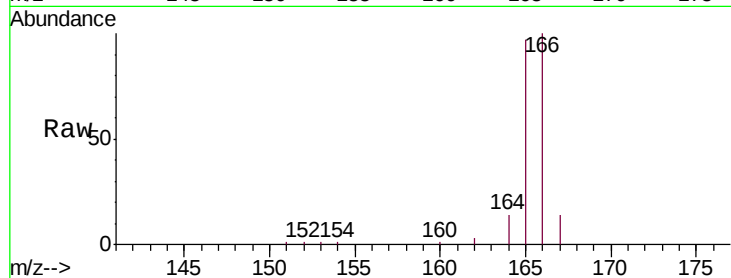
Tgt Ion:166 Resp: 11765

Ion Ratio Lower Upper

166 100

165 97.0 77.4 116.0

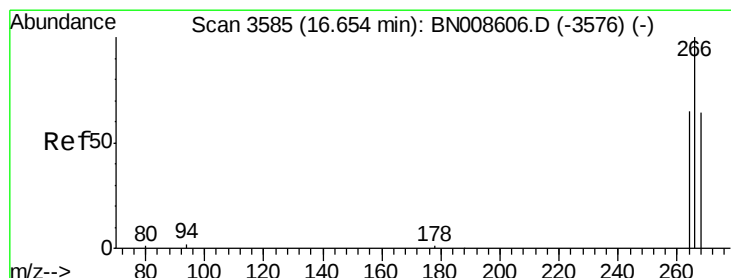
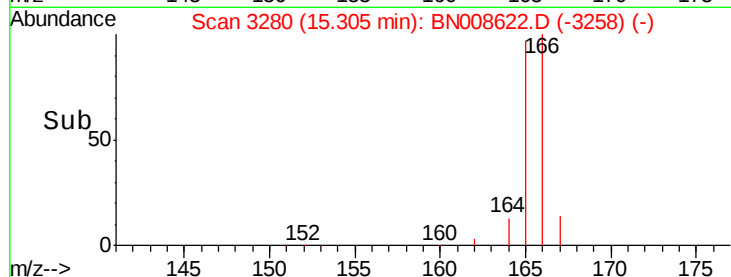
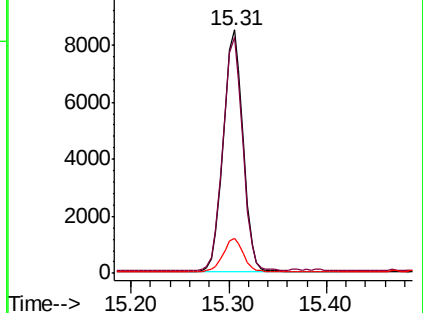
167 14.3 11.4 17.0



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: 0.373 ng/ul

RT: 16.65 min Scan# 3585

Delta R.T. -0.00 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

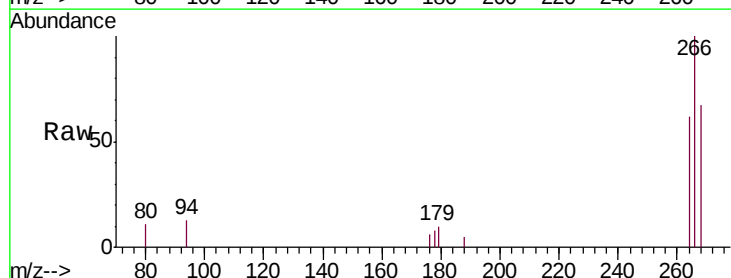
Tgt Ion:266 Resp: 1911

Ion Ratio Lower Upper

266 100

264 62.6 49.2 73.8

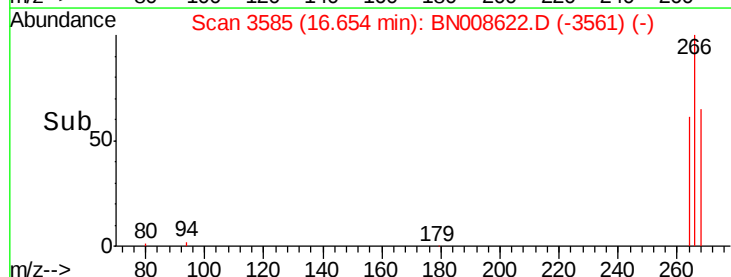
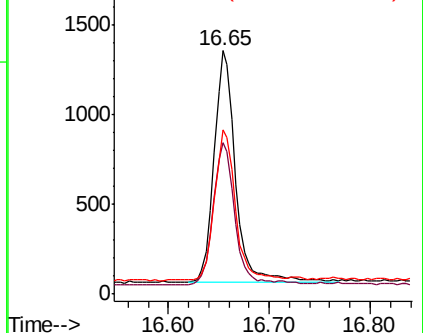
268 62.4 50.9 76.3

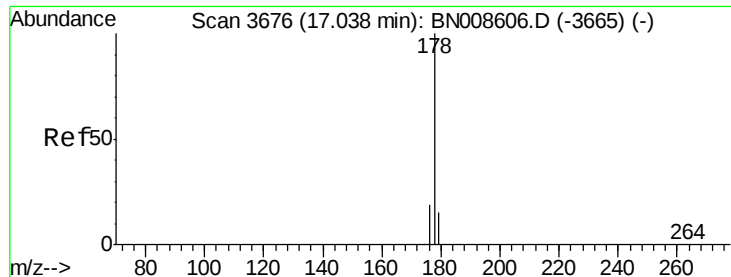


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.416 ng/ul

RT: 17.03 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

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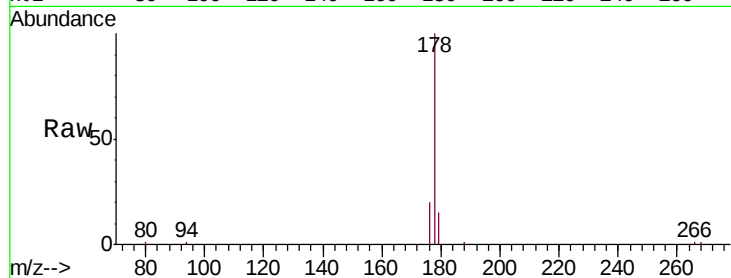
Tgt Ion:178 Resp: 18994

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

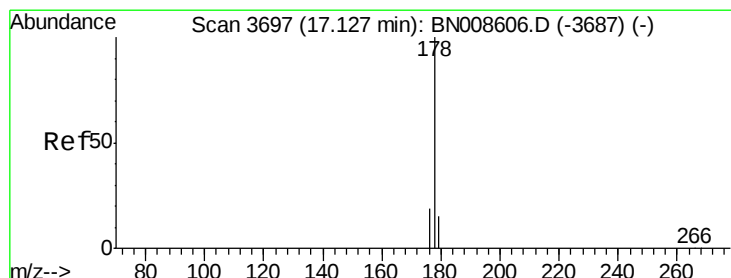
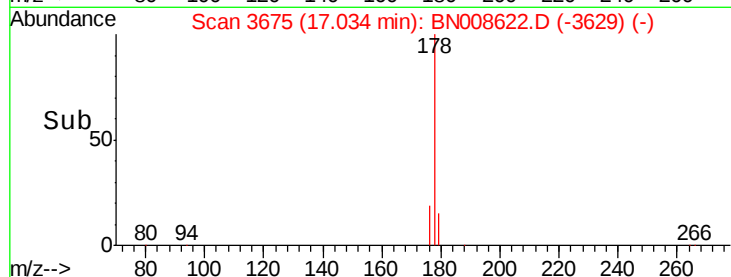
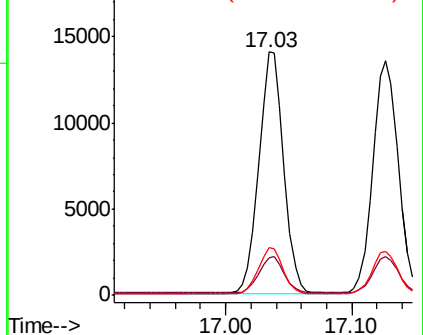
176 19.6 16.0 24.0



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



#13

Anthracene

Concen: 0.435 ng/ul

RT: 17.13 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

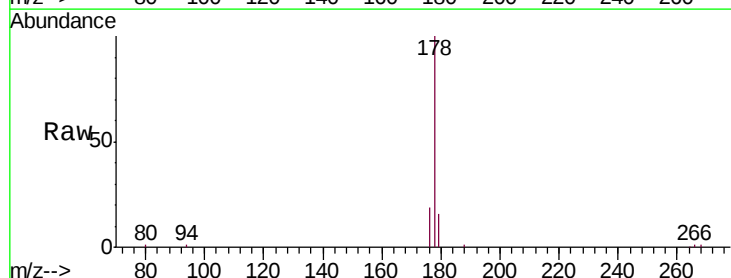
Tgt Ion:178 Resp: 18775

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

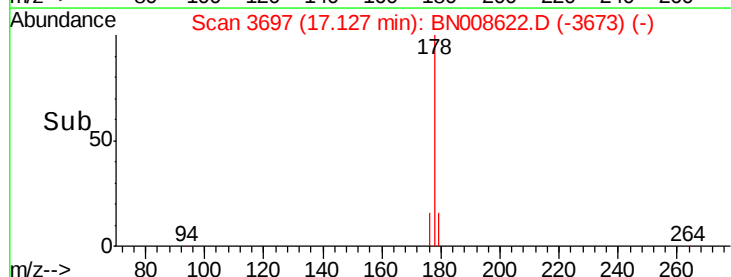
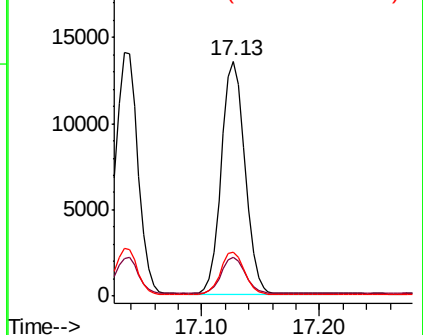
176 18.8 15.3 22.9

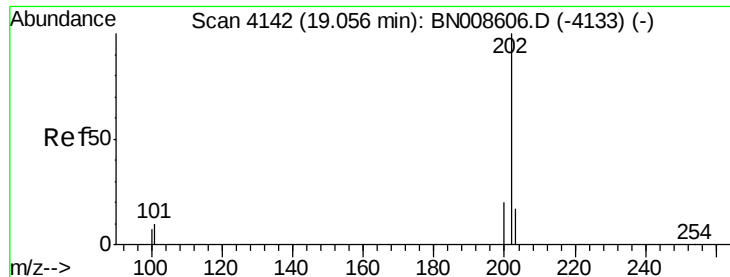


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.393 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

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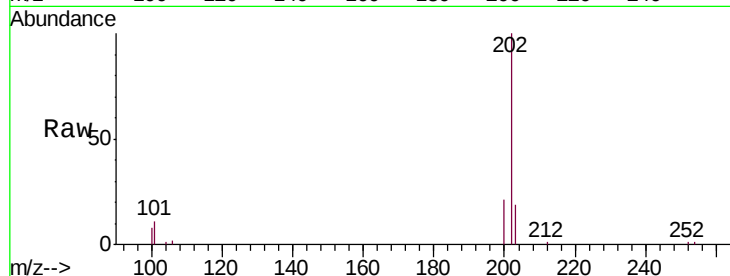
Tgt Ion:202 Resp: 22056

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.6

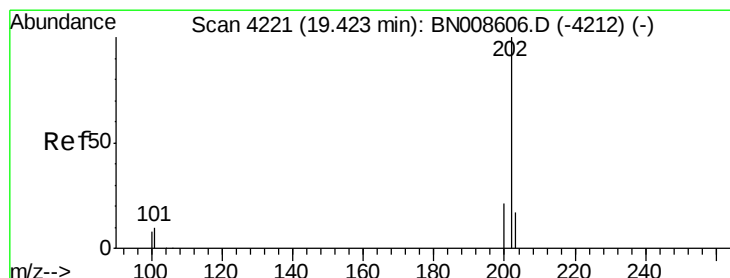
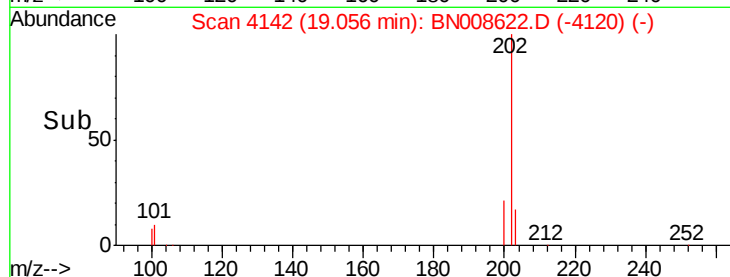
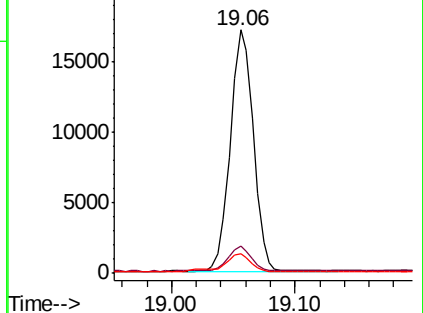
100 8.1 0.0 27.0



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



#17

Pyrene

Concen: 0.517 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. -0.00 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

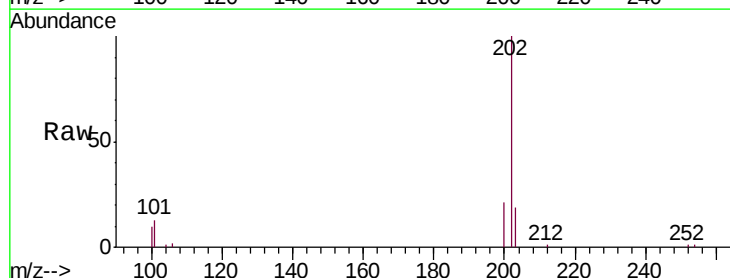
Tgt Ion:202 Resp: 22750

Ion Ratio Lower Upper

202 100

101 12.7 10.2 15.2

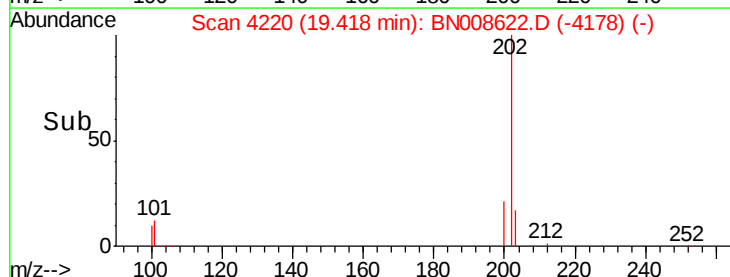
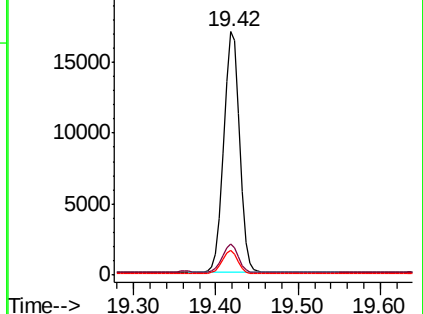
100 10.3 8.2 12.2

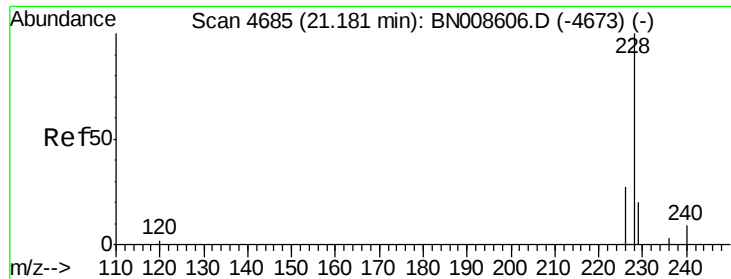


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.460 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. -0.01 min

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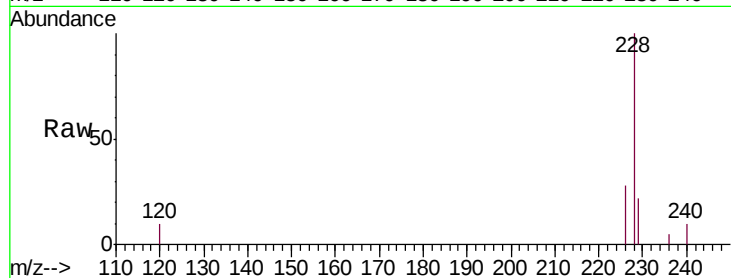
Tgt Ion:228 Resp: 20304

Ion Ratio Lower Upper

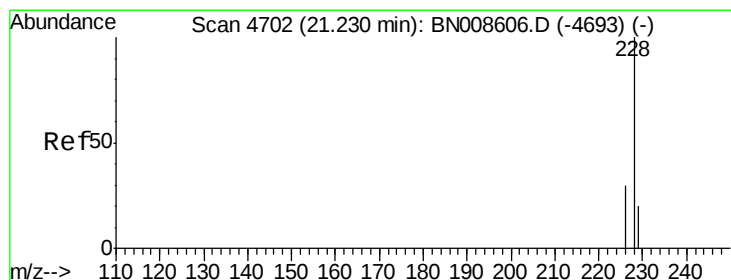
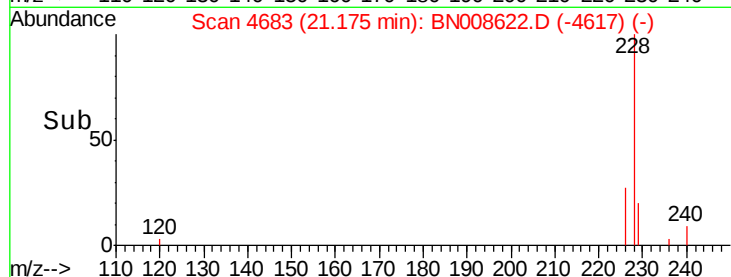
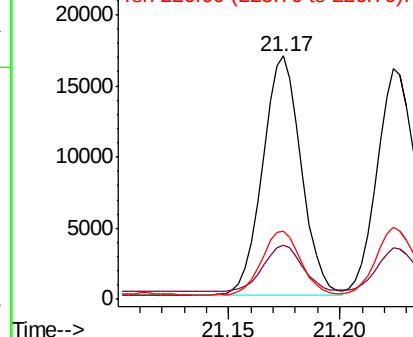
228 100

229 22.4 15.8 23.6

226 28.3 21.6 32.4



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: 0.440 ng/ul

RT: 21.22 min Scan# 4700

Delta R.T. -0.01 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

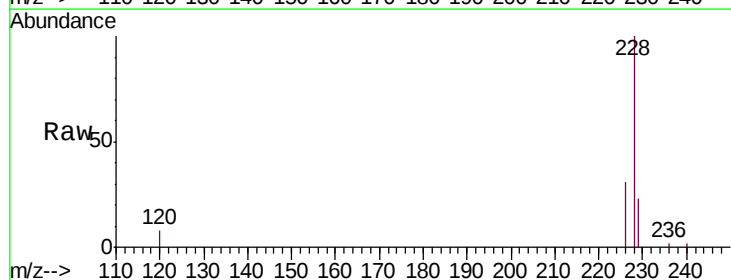
Tgt Ion:228 Resp: 19063

Ion Ratio Lower Upper

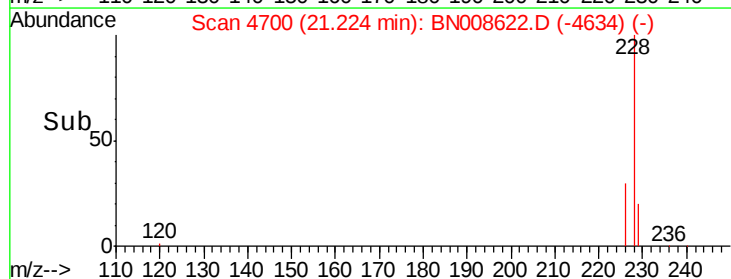
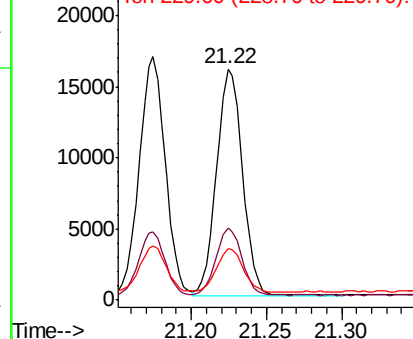
228 100

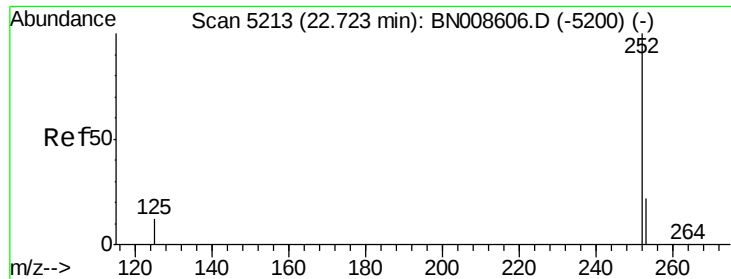
226 31.2 24.5 36.7

229 22.5 15.5 23.3



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: 0.402 ng/ul

RT: 22.72 min Scan# 5211

Delta R.T. -0.01 min

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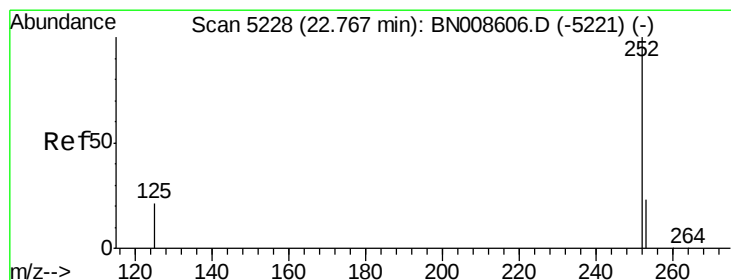
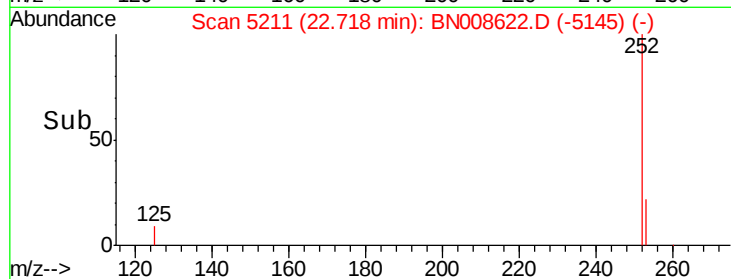
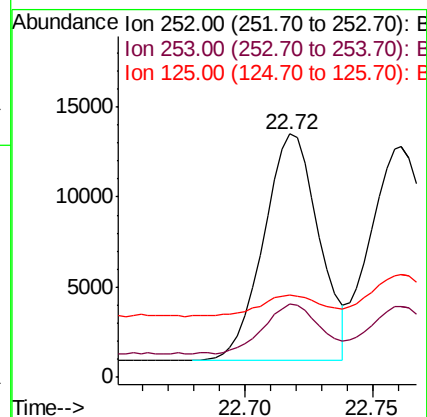
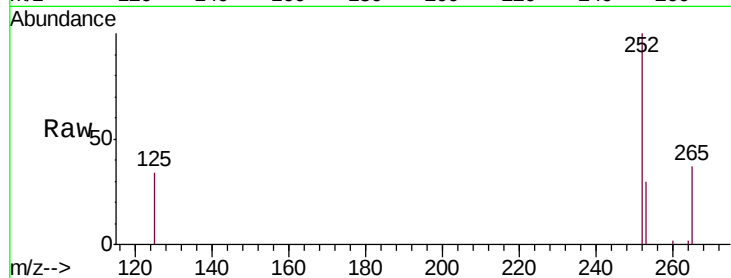
Tgt Ion:252 Resp: 19015

Ion Ratio Lower Upper

252 100

253 30.3 0.0 50.2

125 34.0 0.0 30.0#



#22

Benzo(k)fluoranthene

Concen: 0.403 ng/ul

RT: 22.76 min Scan# 5226

Delta R.T. -0.01 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

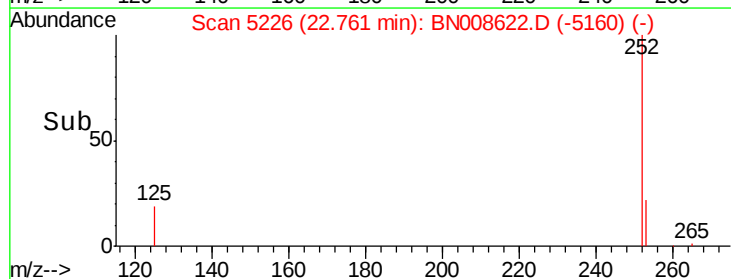
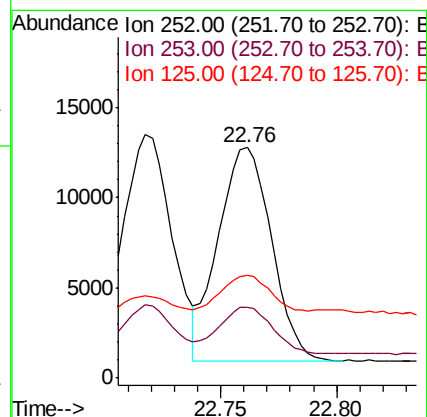
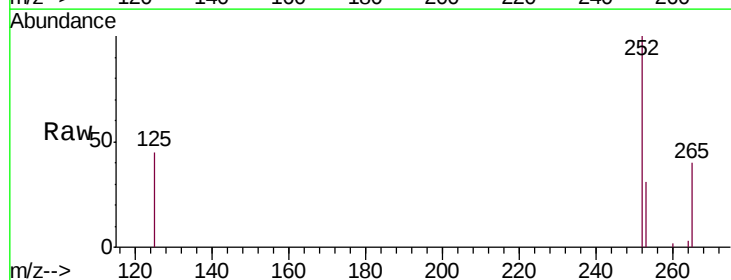
Tgt Ion:252 Resp: 18905

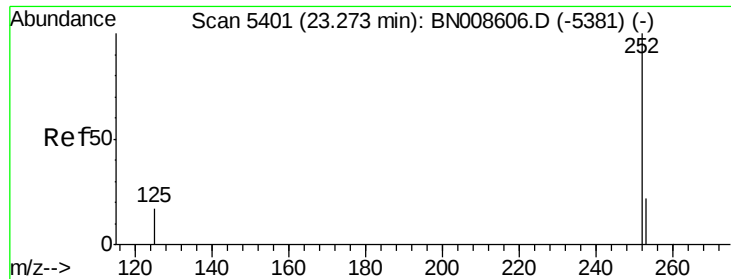
Ion Ratio Lower Upper

252 100

253 30.8 20.5 30.7#

125 44.5 15.0 22.4#





#23

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.27 min Scan# 5399

Delta R.T. -0.01 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.410

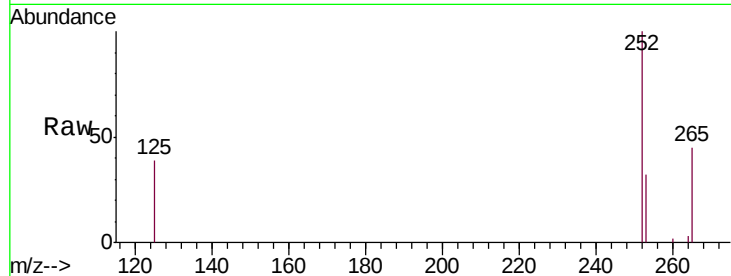
Tgt Ion:252 Resp: 18464

Ion Ratio Lower Upper

252 100

253 31.5 21.4 32.2

125 39.2 13.8 20.8#

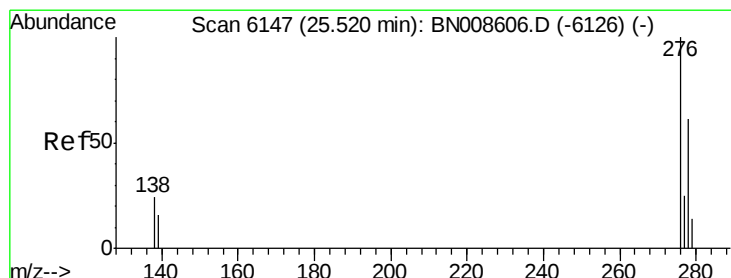
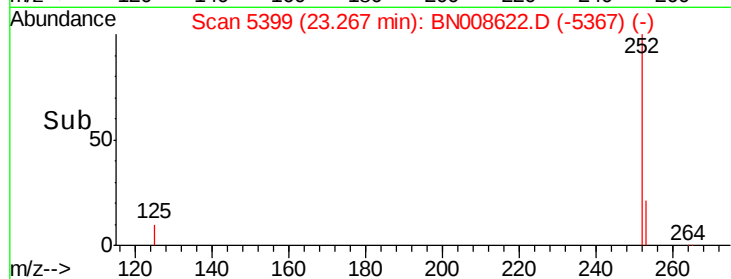
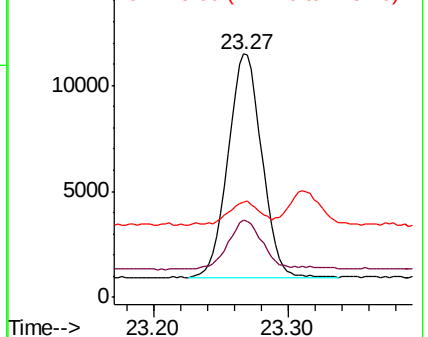


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng/ul

RT: 25.51 min Scan# 6145

Delta R.T. -0.01 min

Lab File: BN008622.D

Acq: 19 Nov 2019 02:08

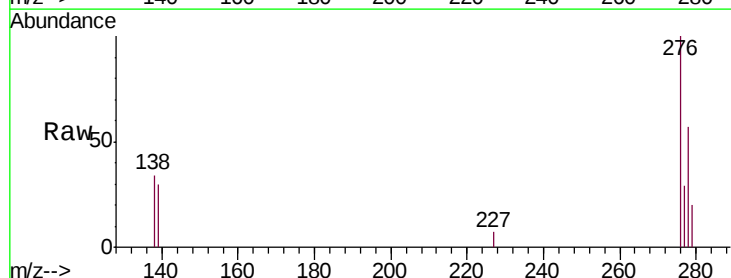
Tgt Ion:276 Resp: 21667

Ion Ratio Lower Upper

276 100

138 26.2 21.7 32.5

227 0.3 0.2 0.2#

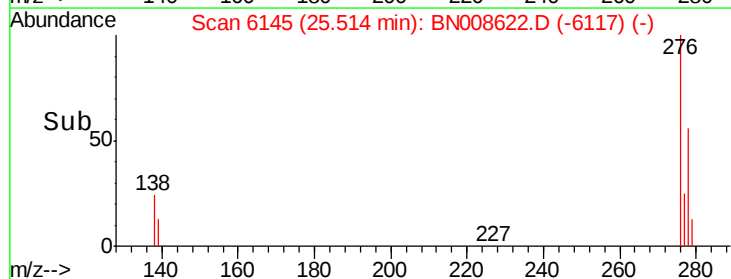
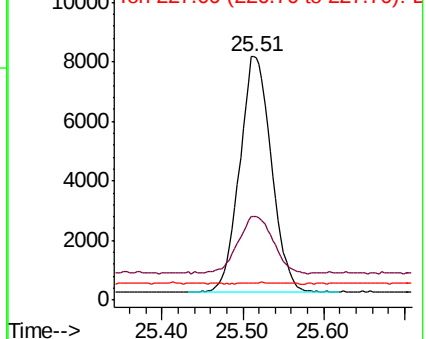


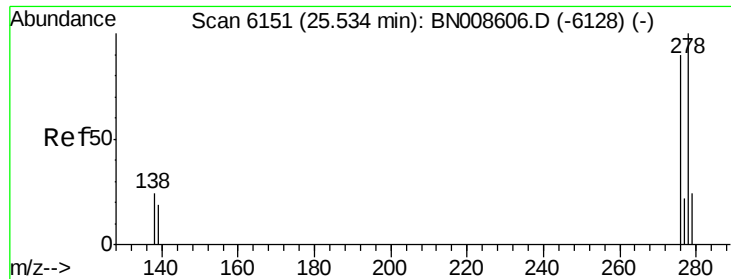
Abundance

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

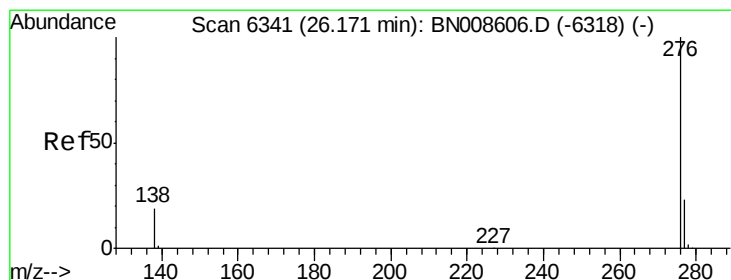
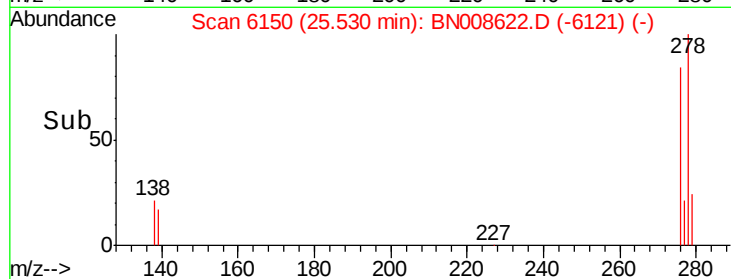
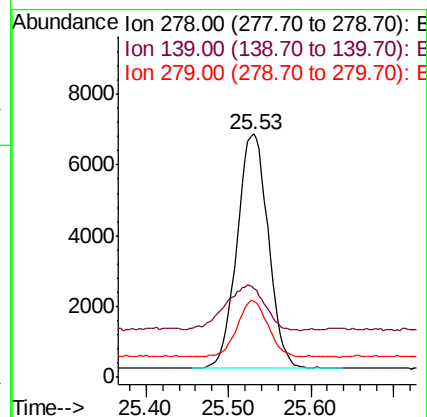
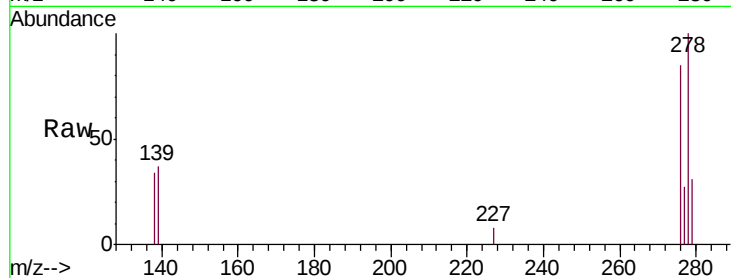




#25
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. -0.00 min
Lab File: BN008622.D
Acq: 19 Nov 2019 02:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.410

Tgt Ion: 278 Resp: 17506
Ion Ratio Lower Upper
278 100
139 36.5 18.7 28.1#
279 31.4 20.8 31.2#



#26
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. -0.00 min
Lab File: BN008622.D
Acq: 19 Nov 2019 02:08

Tgt Ion: 276 Resp: 18248
Ion Ratio Lower Upper
276 100
138 34.2 20.0 30.0#
277 29.0 20.0 30.0

