

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008450.D
 Acq On : 05 Nov 2019 17:02
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 11:11:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 10:57:49 2019
 Response via : Initial Calibration

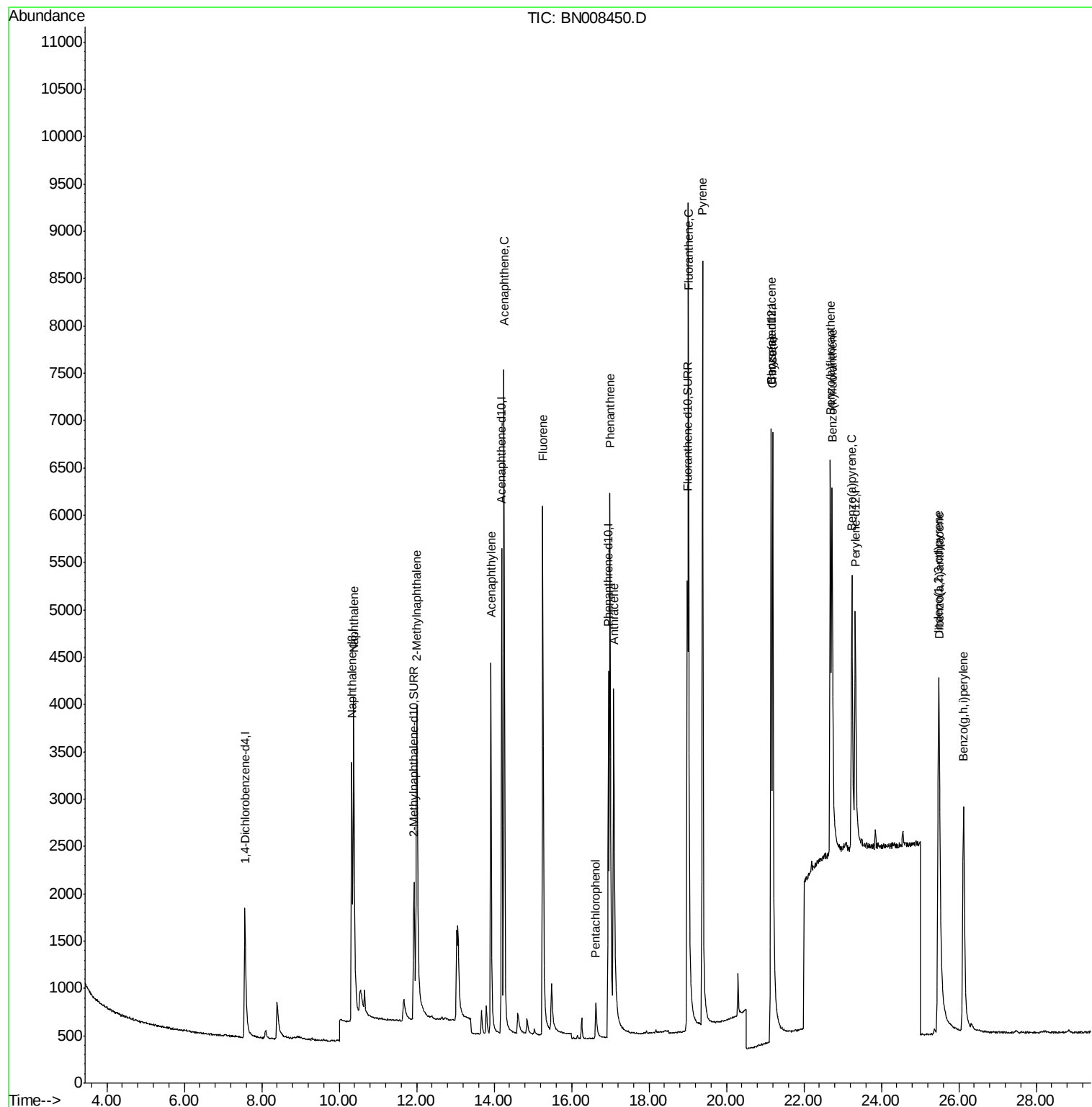
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1234	0.40	ng/ul	0.01
2) Naphthalene-d8	10.32	136	5277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	3256	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6097	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4453	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	3933	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3266	0.39	ng/ul	0.01
14) Fluoranthene-d10	18.99	212	7588	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	6120	0.407	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	3911	0.391	ng/ul	99
7) Acenaphthylene	13.92	152	5635	0.371	ng/ul	100
8) Acenaphthene	14.26	153	4705	0.383	ng/ul	98
9) Fluorene	15.26	166	5028	0.374	ng/ul	99
11) Pentachlorophenol	16.63	266	468	0.353	ng/ul	97
12) Phenanthrene	17.00	178	7610	0.411	ng/ul	99
13) Anthracene	17.09	178	6484	0.399	ng/ul	100
15) Fluoranthene	19.02	202	8841	0.416	ng/ul	100
17) Pyrene	19.38	202	9200	0.423	ng/ul	99
18) Benzo(a)anthracene	21.15	228	5913	0.381	ng/ul	99
19) Chrysene	21.20	228	8437	0.428	ng/ul	99
21) Benzo(b)fluoranthene	22.68	252	5686	0.388	ng/ul	92
22) Benzo(k)fluoranthene	22.73	252	7019	0.421	ng/ul	98
23) Benzo(a)pyrene	23.24	252	5849	0.396	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.48	276	6756	0.403	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.50	278	5324	0.400	ng/ul	97
26) Benzo(g,h,i)perylene	26.12	276	6158	0.410	ng/ul	98

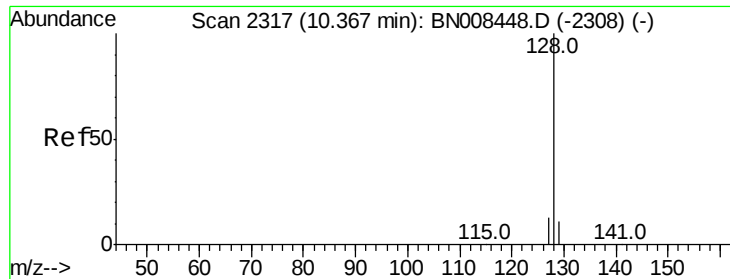
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
Data File : BN008450.D
Acq On : 05 Nov 2019 17:02
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 07 11:11:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 10:57:49 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.407 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

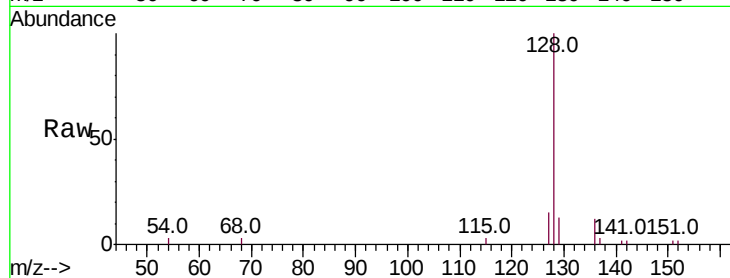
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 6120

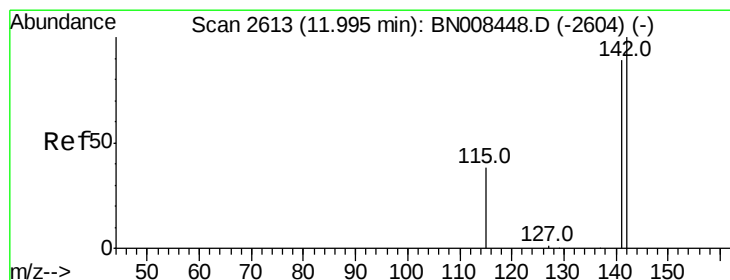
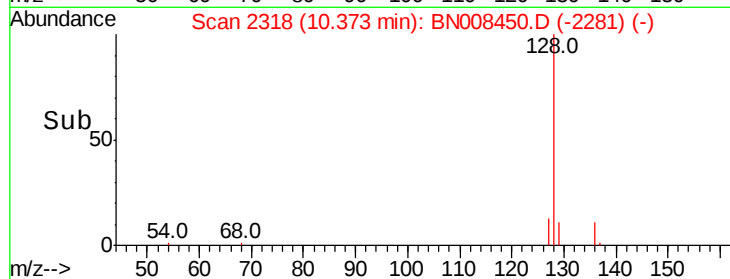
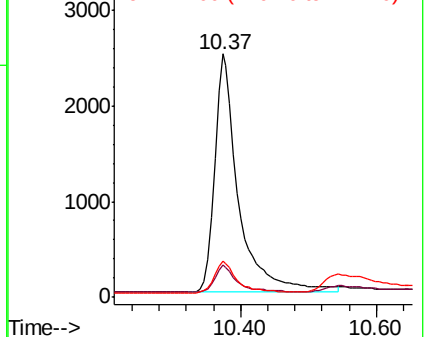
Ion	Ratio	Lower	Upper
128	100		
129	13.2	10.0	15.0
127	14.9	11.6	17.4



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: 0.391 ng/ul

RT: 12.01 min Scan# 2615

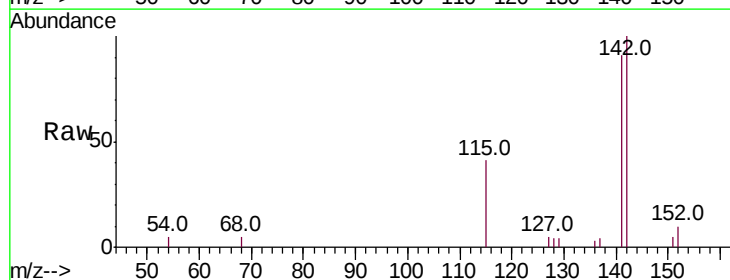
Delta R.T. 0.01 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

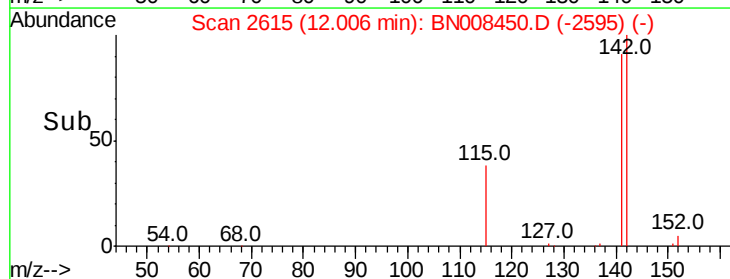
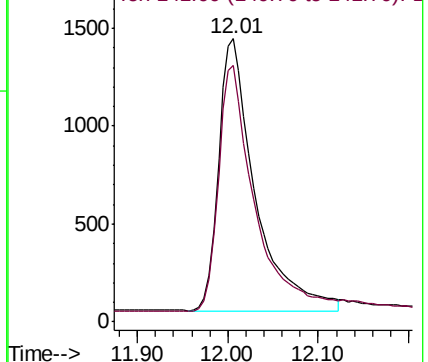
Tgt Ion:142 Resp: 3911

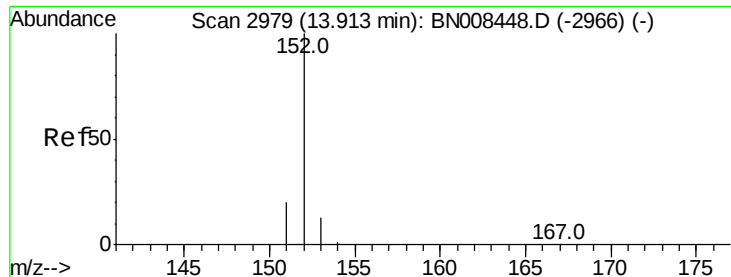
Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.371 ng/ul

RT: 13.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampleId :

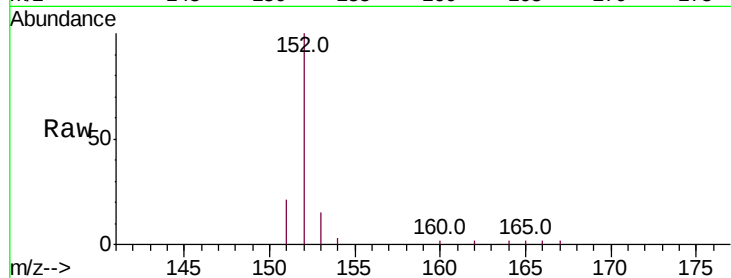
Tot Ion:152 Resp: 5635

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

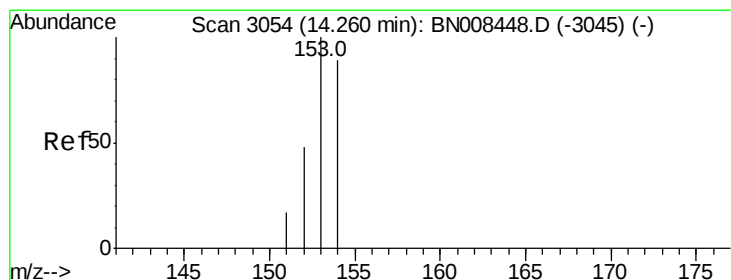
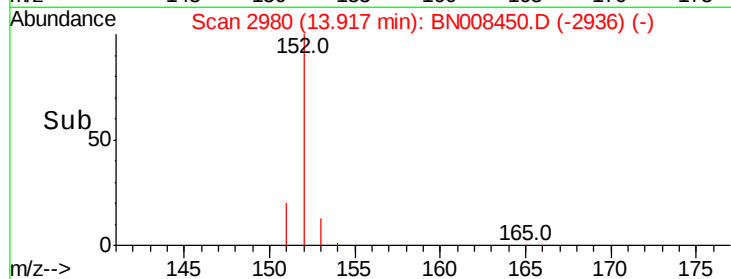
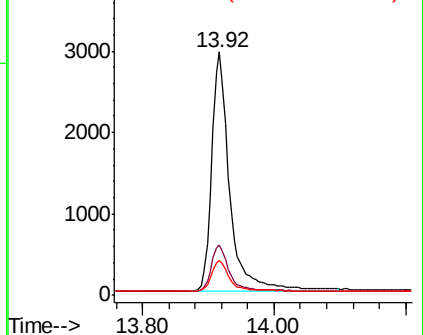
153 14.5 11.4 17.2



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: 0.383 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

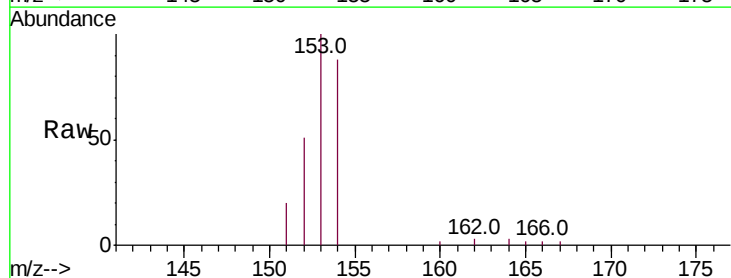
Tgt Ion:153 Resp: 4705

Ion Ratio Lower Upper

153 100

152 51.0 39.8 59.8

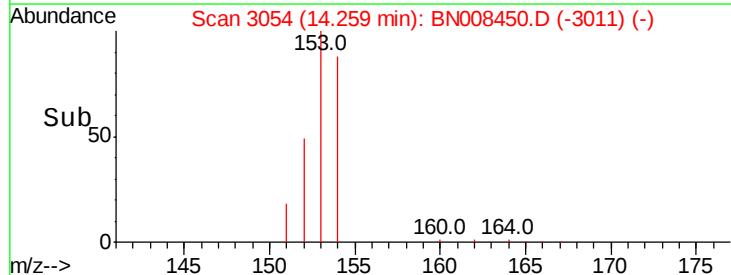
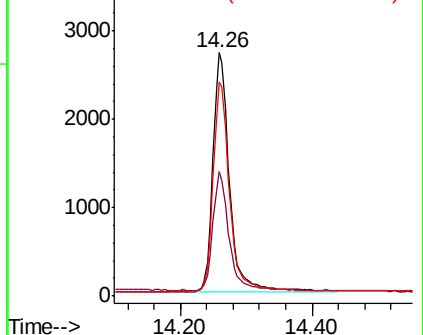
154 88.1 71.6 107.4

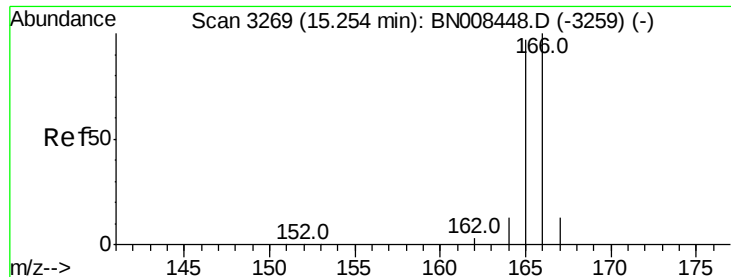


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.374 ng/ul

RT: 15.26 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampleId :

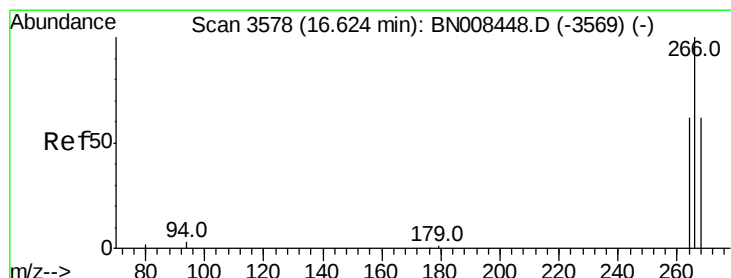
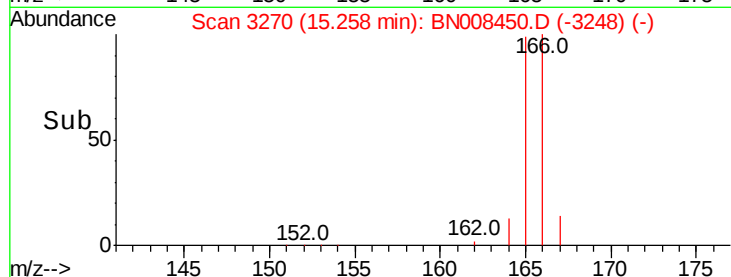
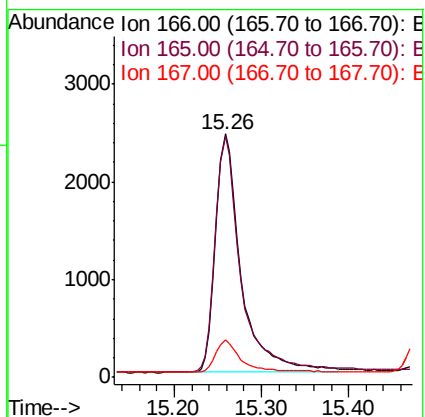
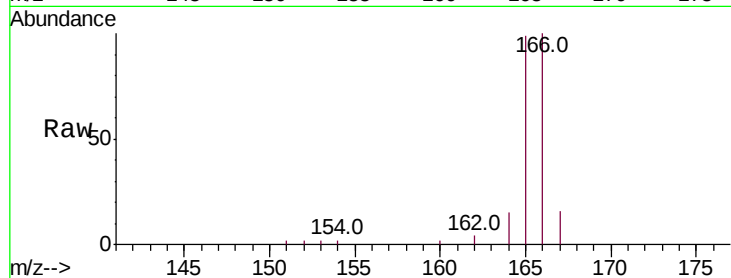
Tot Ion:166 Resp: 5028

Ion Ratio Lower Upper

166 100

165 98.9 78.2 117.2

167 15.6 12.1 18.1



#11

Pentachlorophenol

Concen: 0.353 ng/ul

RT: 16.63 min Scan# 3579

Delta R.T. 0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

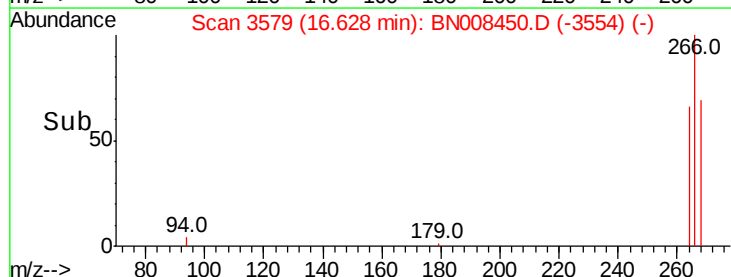
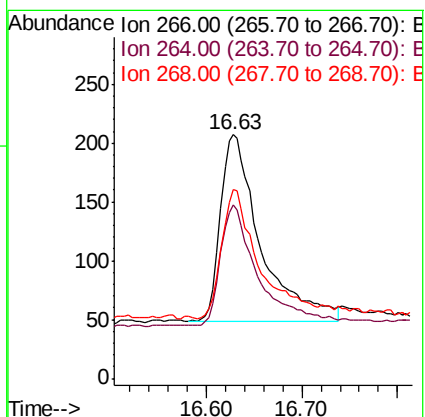
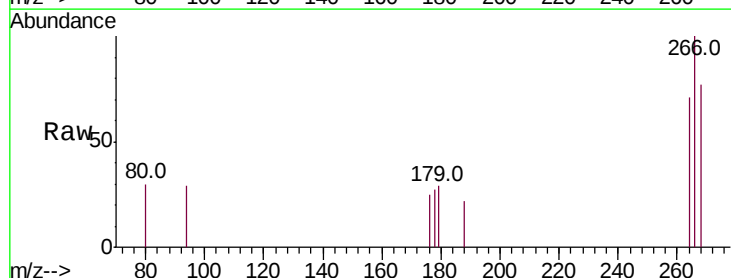
Tgt Ion:266 Resp: 468

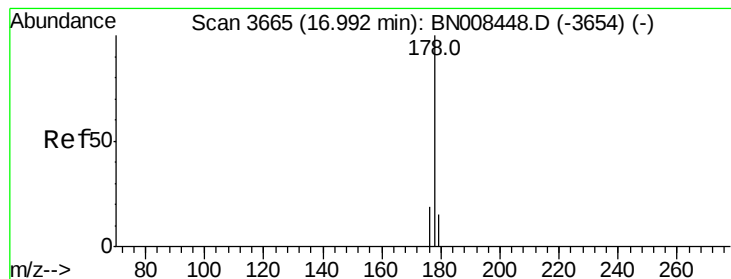
Ion Ratio Lower Upper

266 100

264 60.5 49.8 74.8

268 66.9 51.0 76.6





#12

Phenanthrene

Concen: 0.411 ng/ul

RT: 17.00 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampled :

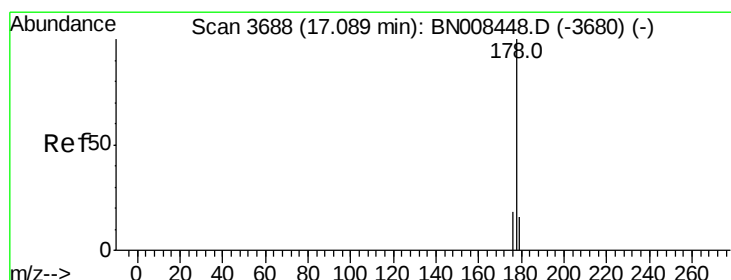
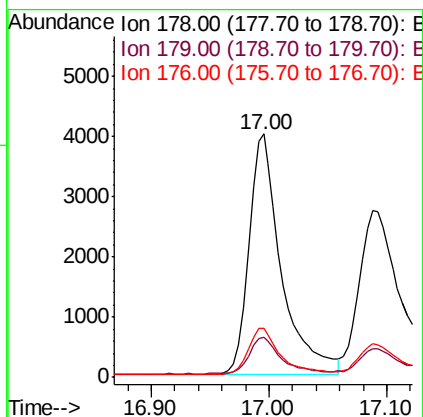
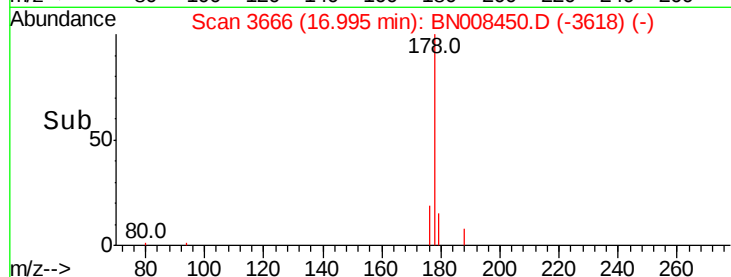
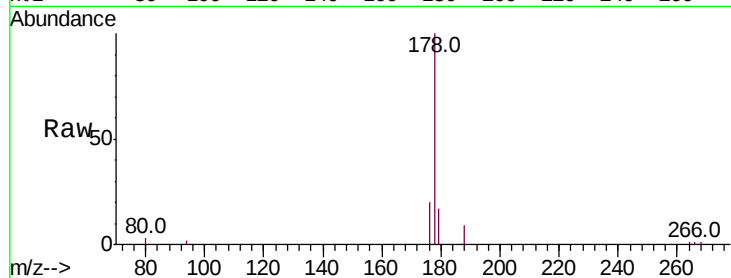
Tot Ion:178 Resp: 7610

Ion Ratio Lower Upper

178 100

179 16.7 13.2 19.8

176 19.9 15.6 23.4



#13

Anthracene

Concen: 0.399 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

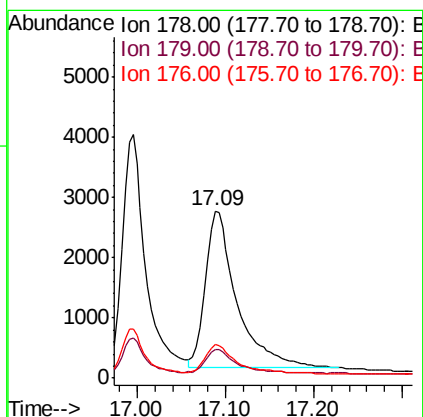
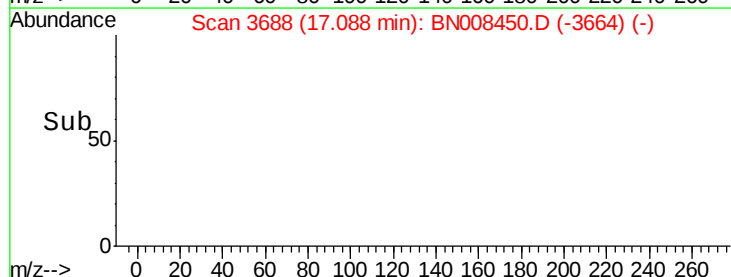
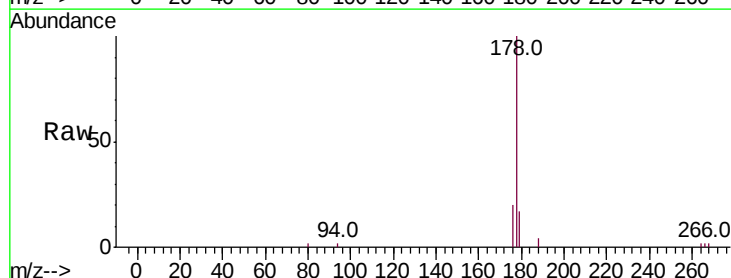
Tgt Ion:178 Resp: 6484

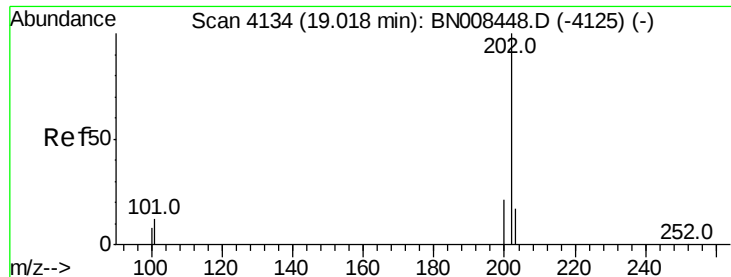
Ion Ratio Lower Upper

178 100

179 16.9 13.7 20.5

176 19.8 15.7 23.5





#15

Fluoranthene

Concen: 0.416 ng/ul

RT: 19.02 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampleId :

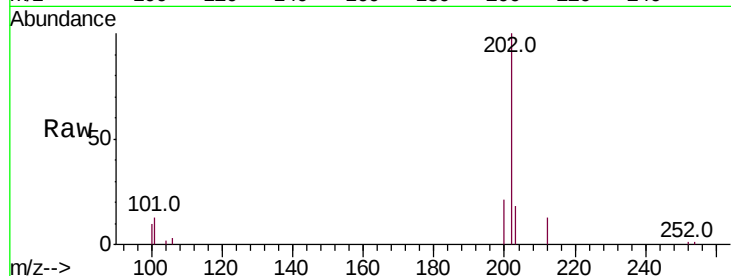
Tot Ion:202 Resp: 8841

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.0

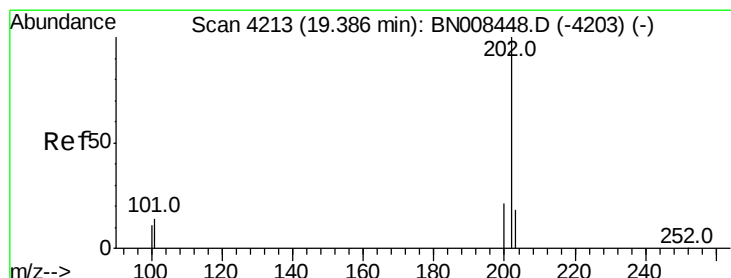
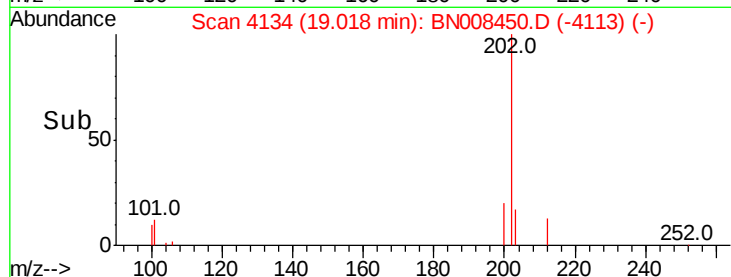
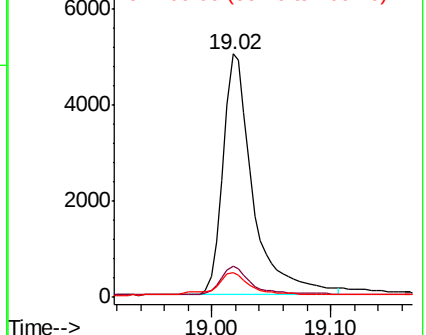
100 10.4 0.0 30.2



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



#17

Pyrene

Concen: 0.423 ng/ul

RT: 19.38 min Scan# 4213

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

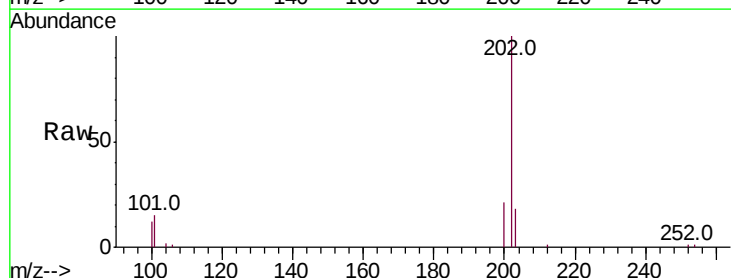
Tgt Ion:202 Resp: 9200

Ion Ratio Lower Upper

202 100

101 14.6 11.6 17.4

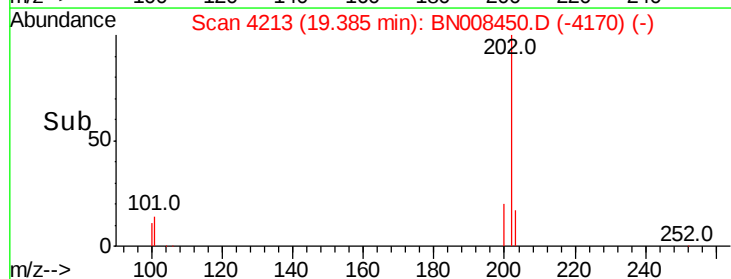
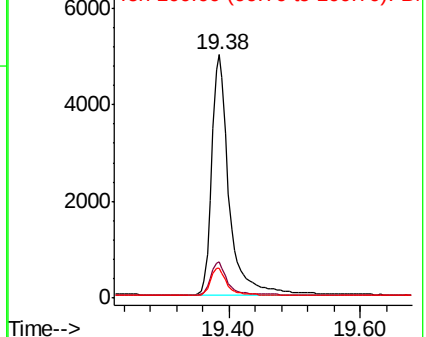
100 12.2 9.4 14.0

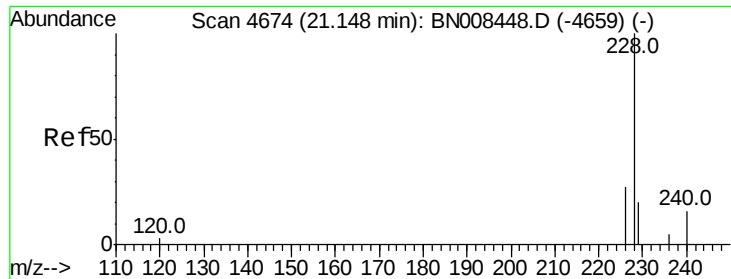


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.381 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampled :

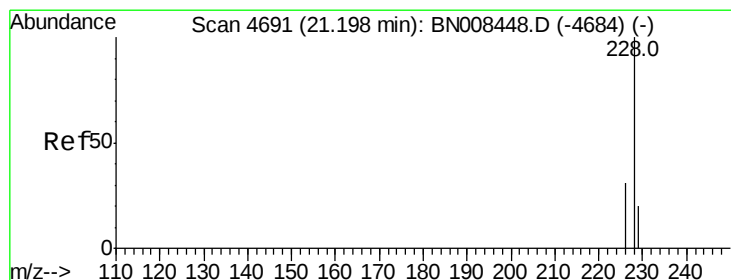
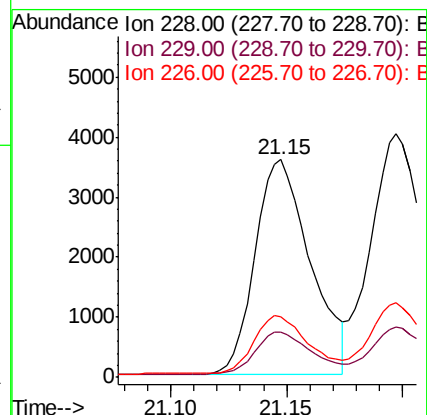
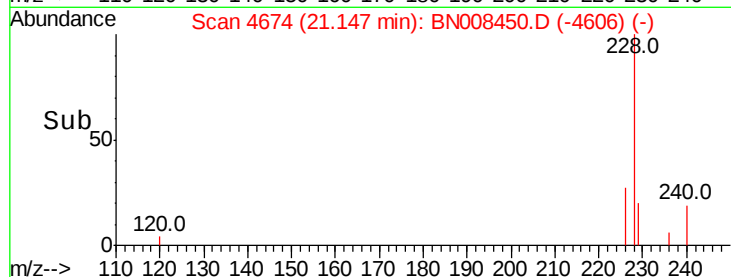
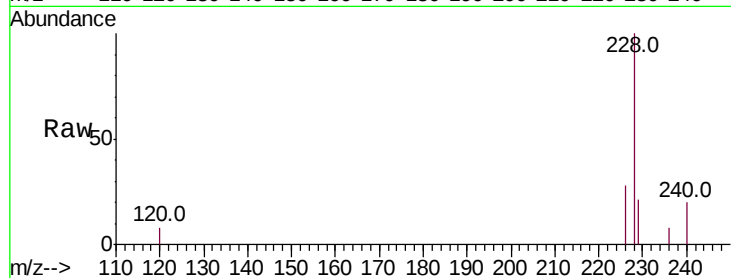
Tot Ion:228 Resp: 5913

Ion Ratio Lower Upper

228 100

229 20.8 16.6 24.8

226 28.0 22.8 34.2



#19

Chrysene

Concen: 0.428 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

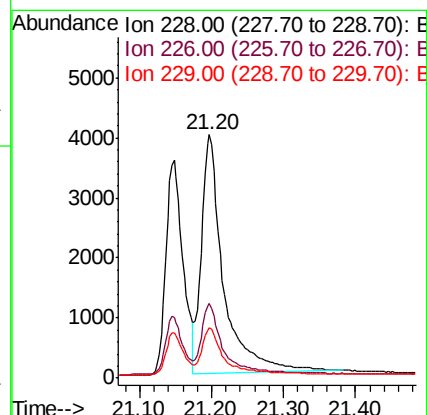
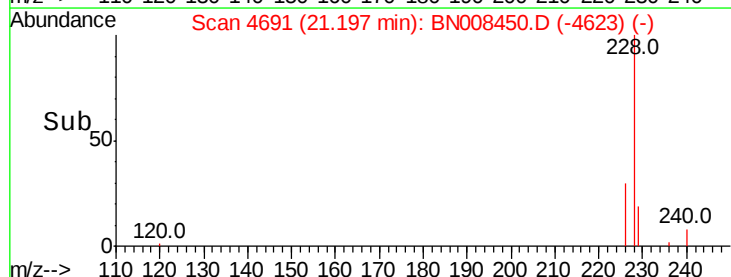
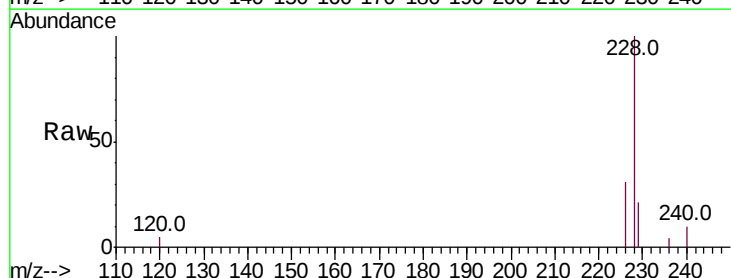
Tgt Ion:228 Resp: 8437

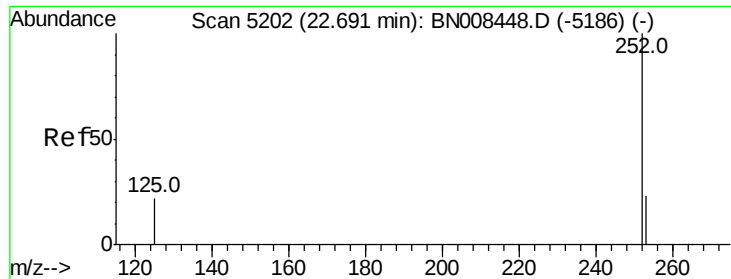
Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 20.5 16.6 25.0





#21

Benzo(b)fluoranthene

Concen: 0.388 ng/ul

RT: 22.68 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampleId :

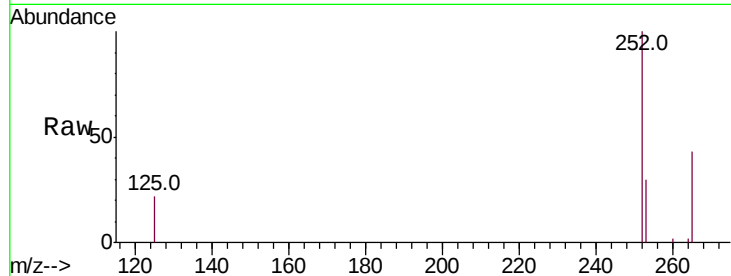
Tot Ion:252 Resp: 5686

Ion Ratio Lower Upper

252 100

253 29.9 0.0 58.4

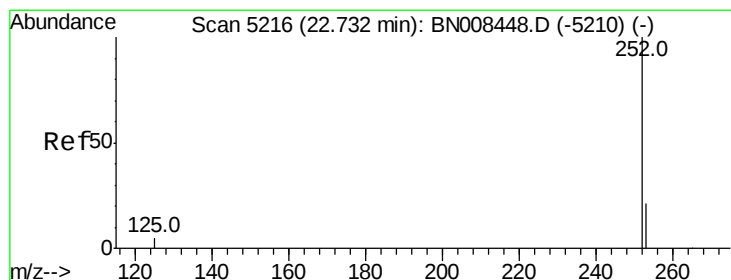
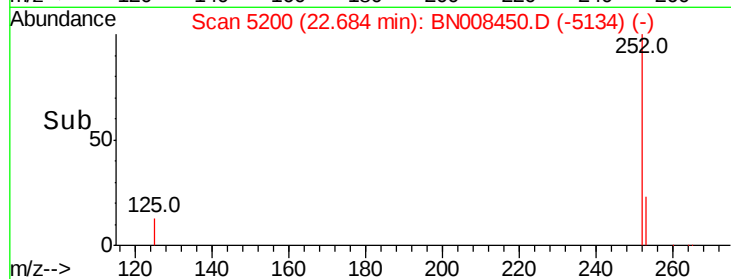
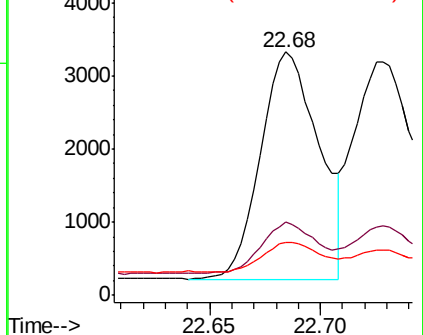
125 21.8 0.0 58.6



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: 0.421 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

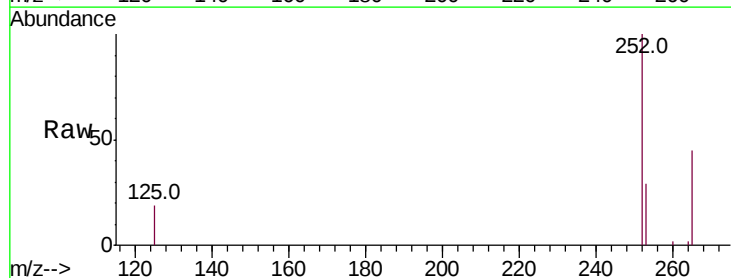
Tgt Ion:252 Resp: 7019

Ion Ratio Lower Upper

252 100

253 29.5 22.6 34.0

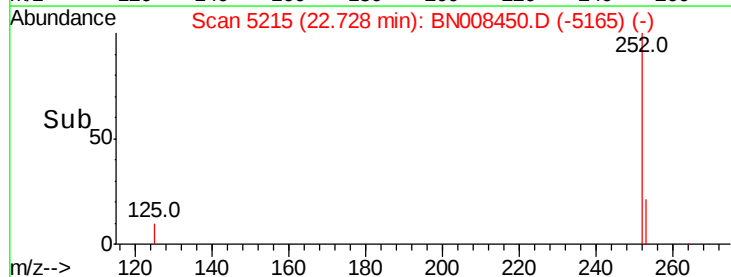
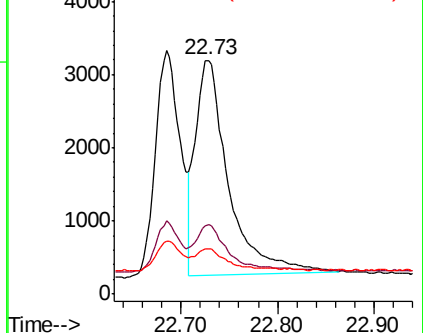
125 19.1 14.7 22.1

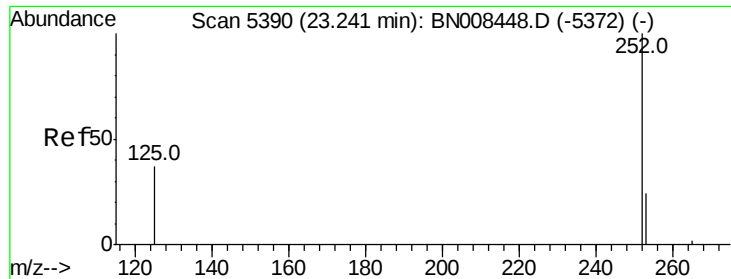


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampleId :

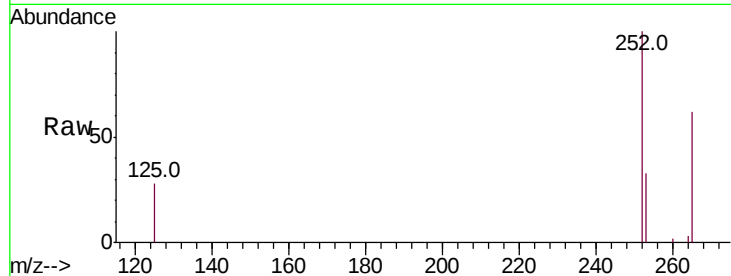
Tot Ion:252 Resp: 5849

Ion Ratio Lower Upper

252 100

253 33.2 27.2 40.8

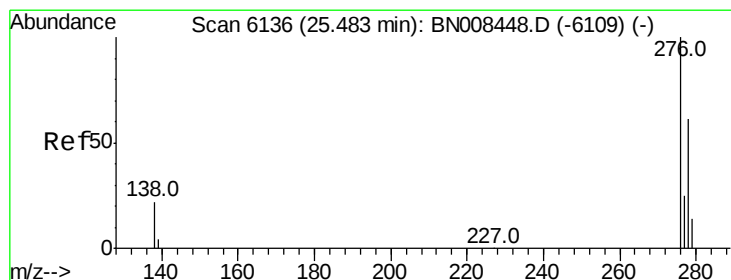
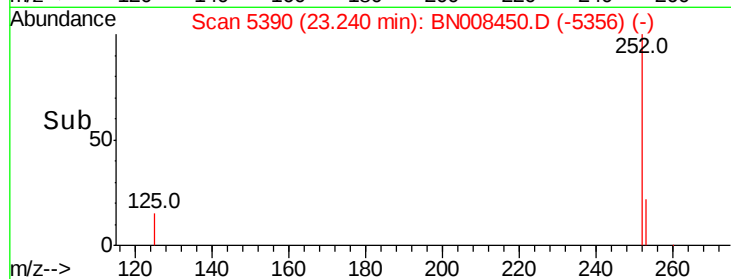
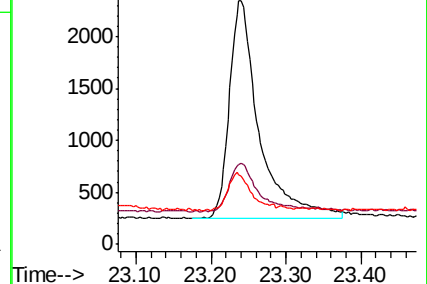
125 28.0 37.0 55.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng/ul

RT: 25.48 min Scan# 6135

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

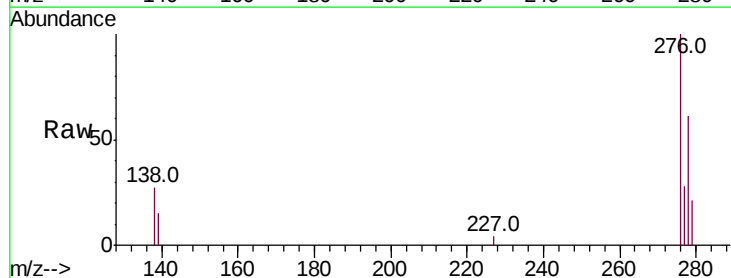
Tgt Ion:276 Resp: 6756

Ion Ratio Lower Upper

276 100

138 24.2 18.3 27.5

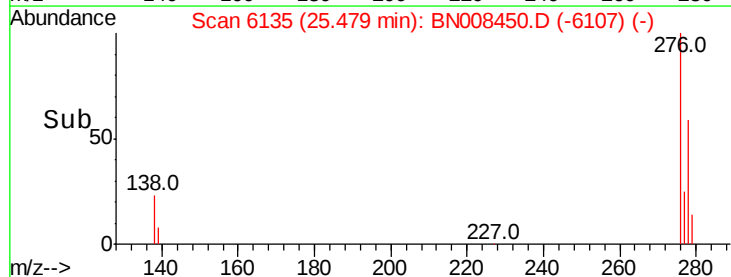
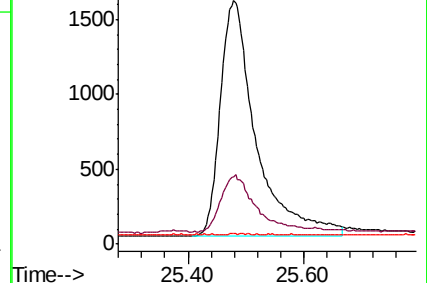
227 0.2 0.0 0.0#

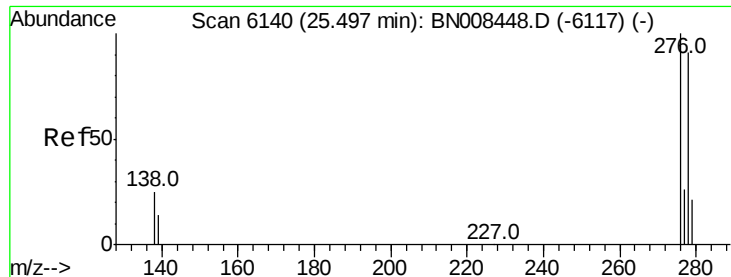


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.400 ng/ul

RT: 25.50 min Scan# 6140

Delta R.T. -0.00 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

Instrument :

BNA_N

ClientSampleId :

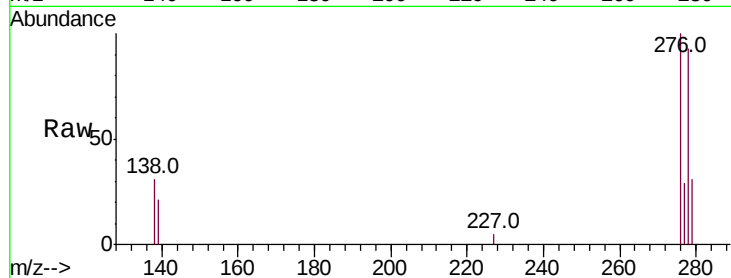
Tot Ion:278 Resp: 5324

Ion Ratio Lower Upper

278 100

139 22.7 17.6 26.4

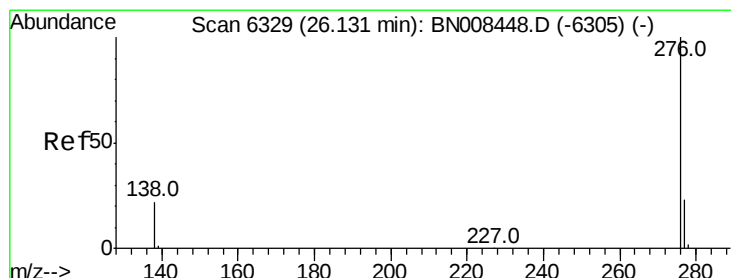
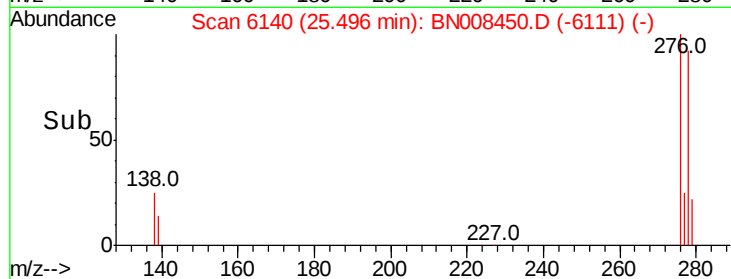
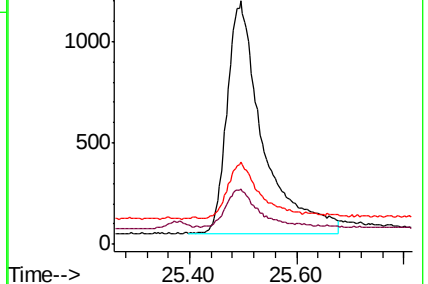
279 33.6 25.1 37.7



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: 0.410 ng/ul

RT: 26.12 min Scan# 6327

Delta R.T. -0.01 min

Lab File: BN008450.D

Acq: 05 Nov 2019 17:02

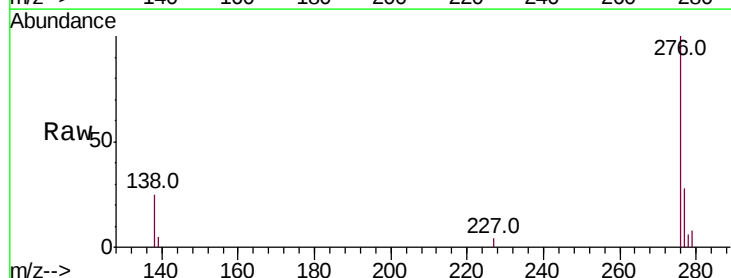
Tgt Ion:276 Resp: 6158

Ion Ratio Lower Upper

276 100

138 25.0 20.1 30.1

277 27.7 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

