

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110619\
 Data File : BN008472.D
 Acq On : 06 Nov 2019 18:22
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 12:25:26 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 12:16:36 2019
 Response via : Initial Calibration

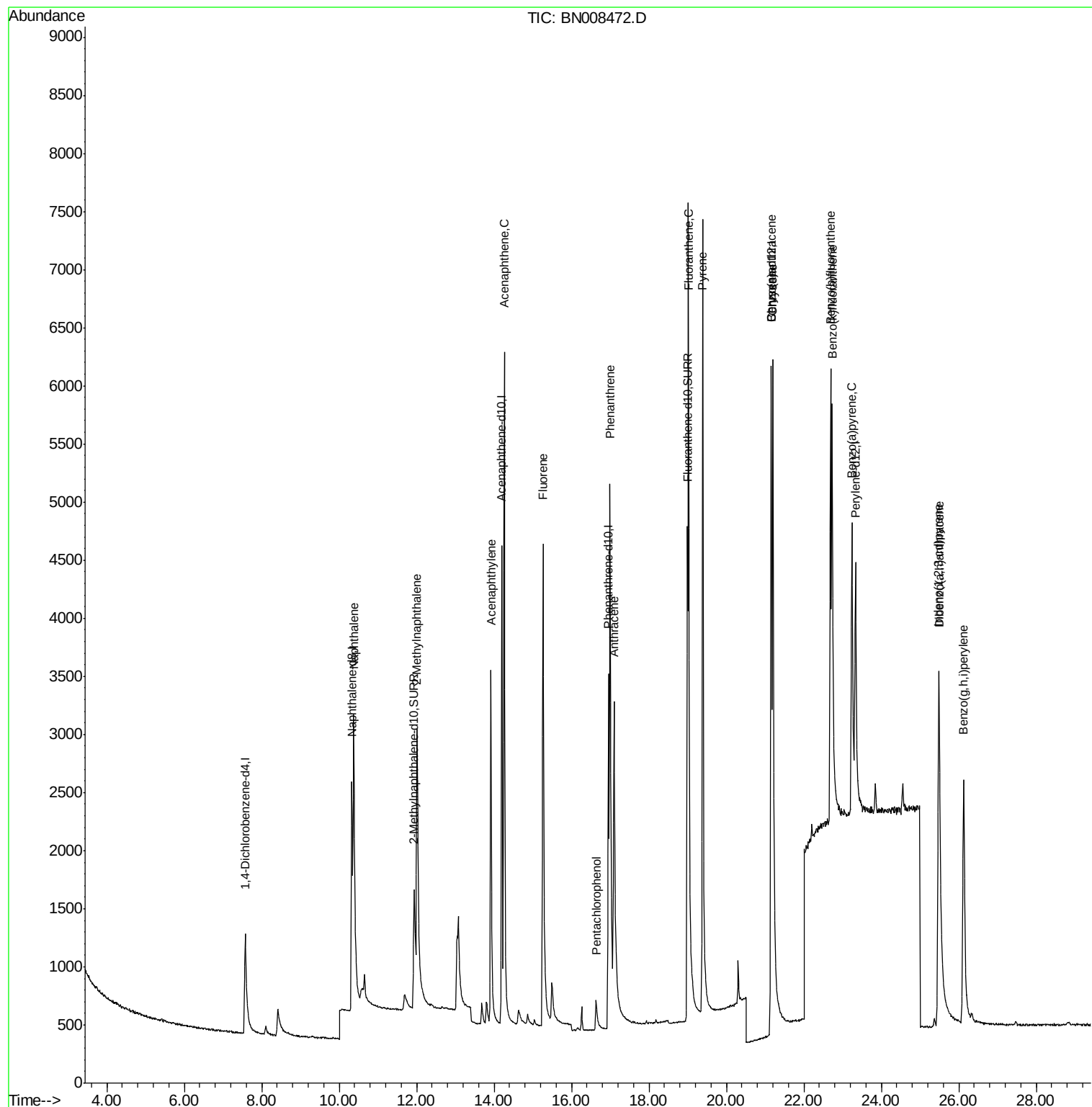
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1042	0.40	ng/ul	0.02
2) Naphthalene-d8	10.33	136	4635	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.19	164	2881	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	5378	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4160	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	3057	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2756	0.38	ng/ul	0.02
14) Fluoranthene-d10	18.99	212	6873	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	5415	0.410	ng/ul	98
5) 2-Methylnaphthalene	12.01	142	3383	0.385	ng/ul	99
7) Acenaphthylene	13.92	152	4988	0.372	ng/ul	98
8) Acenaphthene	14.26	153	4234	0.390	ng/ul	98
9) Fluorene	15.26	166	4463	0.375	ng/ul	100
11) Pentachlorophenol	16.63	266	381	0.325	ng/ul	98
12) Phenanthrene	17.00	178	6692	0.409	ng/ul	99
13) Anthracene	17.09	178	5543	0.387	ng/ul	99
15) Fluoranthene	19.02	202	8124	0.433	ng/ul	99
17) Pyrene	19.39	202	8612	0.424	ng/ul	99
18) Benzo(a)anthracene	21.15	228	5300	0.366	ng/ul	99
19) Chrysene	21.20	228	8222	0.446	ng/ul	100
21) Benzo(b)fluoranthene	22.69	252	5222	0.458	ng/ul	94
22) Benzo(k)fluoranthene	22.73	252	6447	0.498	ng/ul	97
23) Benzo(a)pyrene	23.24	252	5286	0.461	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.48	276	5741	0.440	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	4457	0.431	ng/ul	94
26) Benzo(g,h,i)perylene	26.13	276	5429	0.465	ng/ul	99

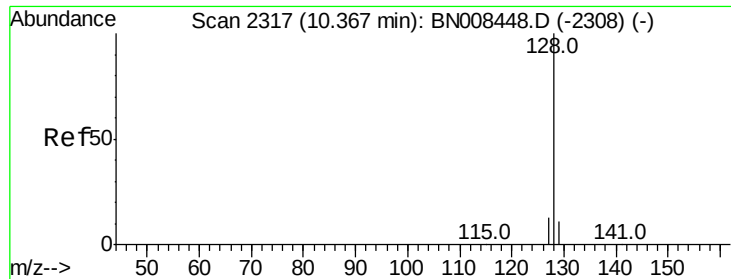
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.410 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008472.D

Acq: 06 Nov 2019 18:22

Instrument :

BNA_N

ClientSampleId :

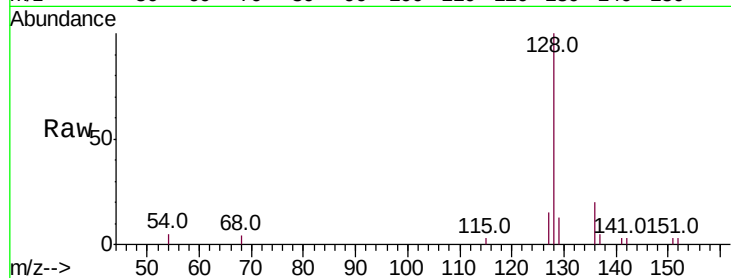
Tot Ion:128 Resp: 5415

Ion Ratio Lower Upper

128 100

129 13.4 10.0 15.0

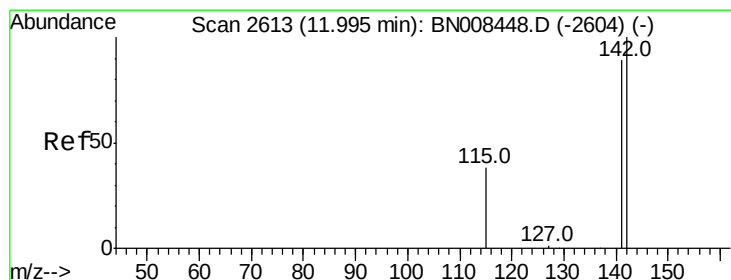
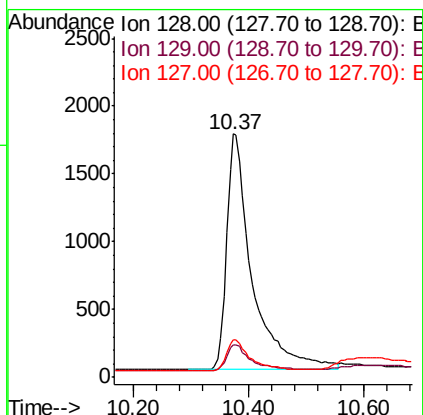
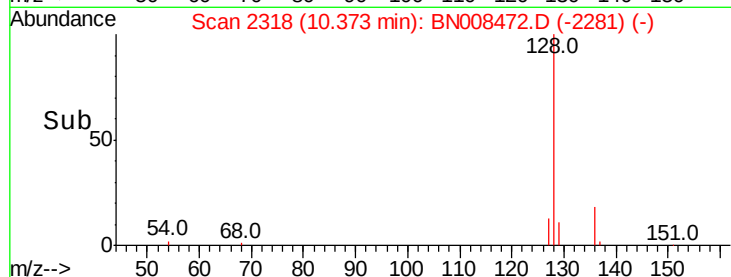
127 15.3 11.6 17.4



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: 0.385 ng/ul

RT: 12.01 min Scan# 2616

Delta R.T. 0.02 min

Lab File: BN008472.D

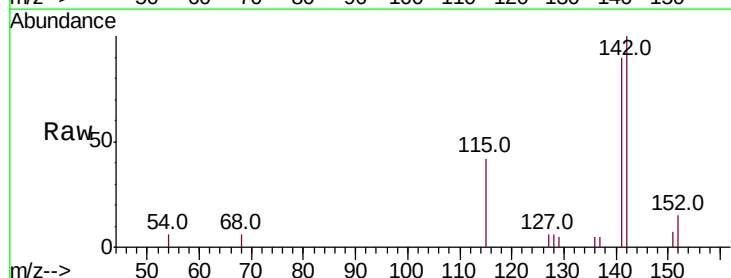
Acq: 06 Nov 2019 18:22

Tgt Ion:142 Resp: 3383

Ion Ratio Lower Upper

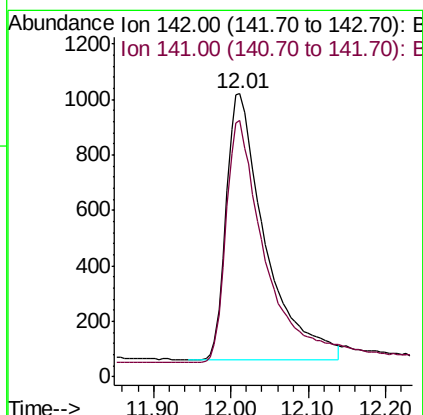
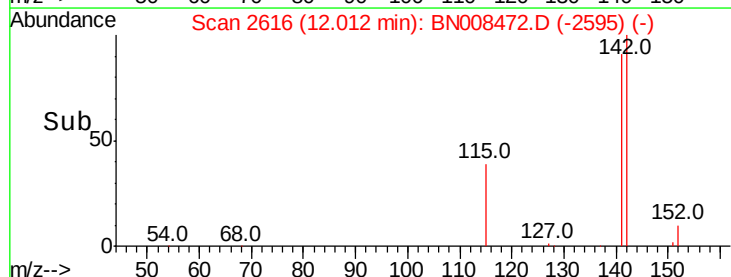
142 100

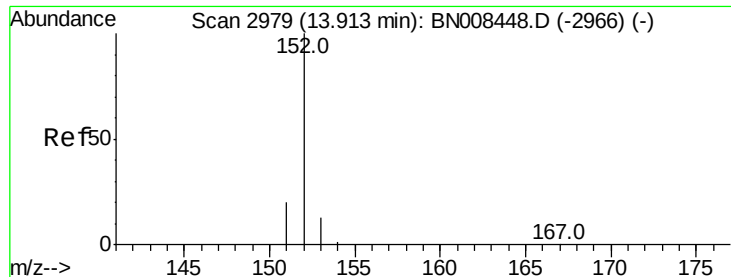
141 90.5 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.372 ng/ul

RT: 13.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BN008472.D

Acq: 06 Nov 2019 18:22

Instrument :

BNA_N

ClientSampleId :

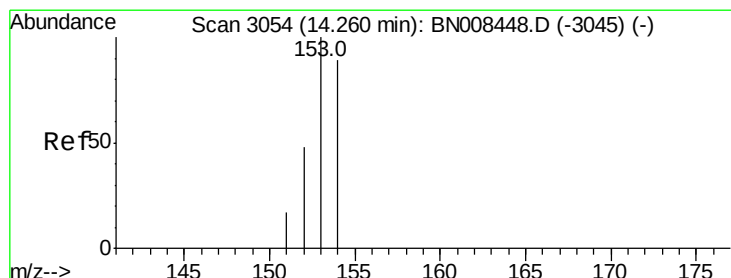
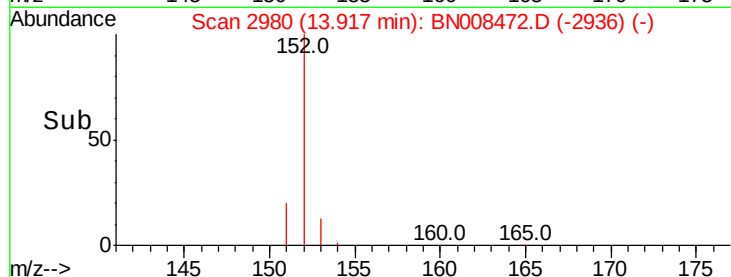
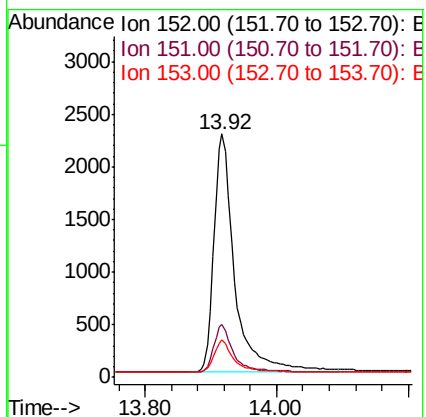
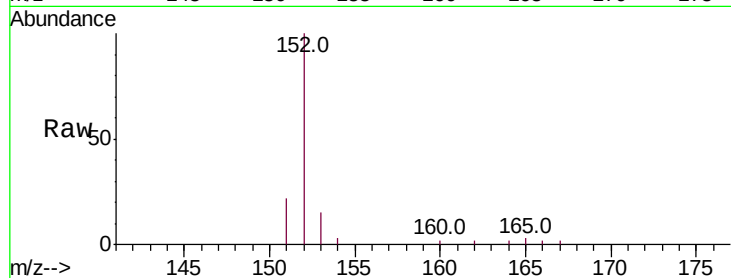
Tot Ion:152 Resp: 4988

Ion Ratio Lower Upper

152 100

151 22.0 16.7 25.1

153 15.3 11.4 17.2



#8

Acenaphthene

Concen: 0.390 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008472.D

Acq: 06 Nov 2019 18:22

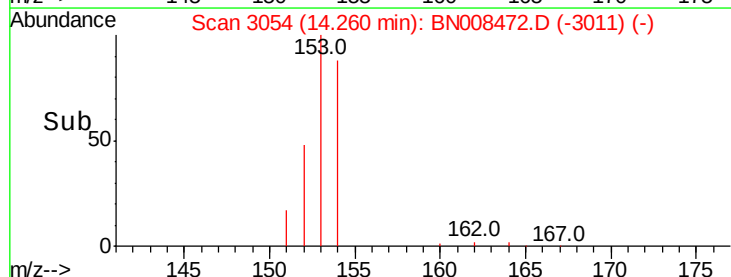
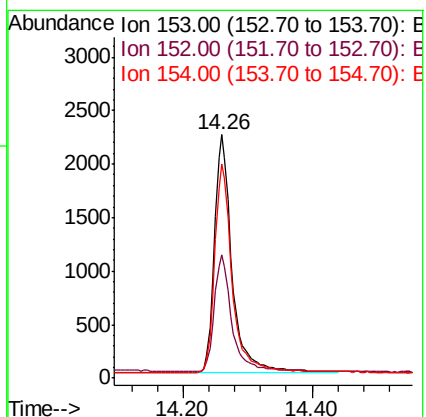
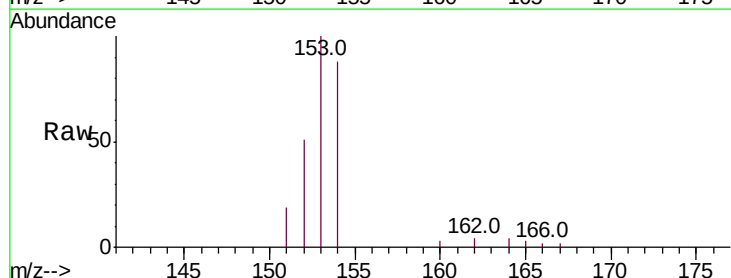
Tgt Ion:153 Resp: 4234

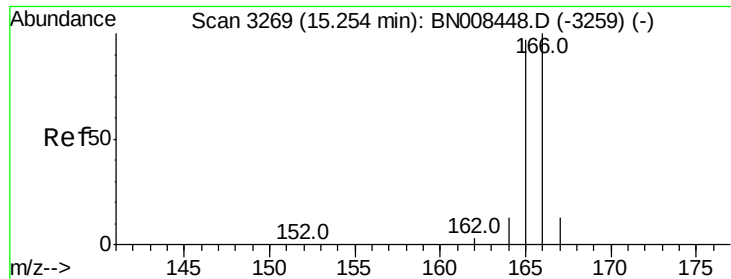
Ion Ratio Lower Upper

153 100

152 50.6 39.8 59.8

154 87.7 71.6 107.4

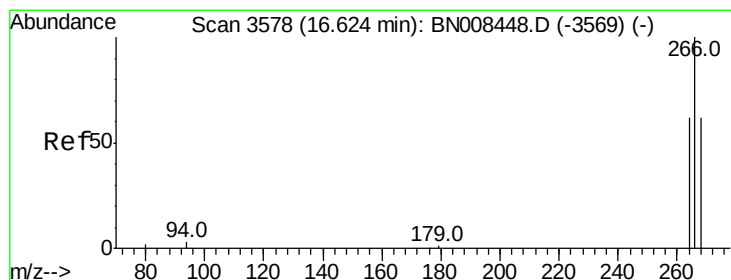
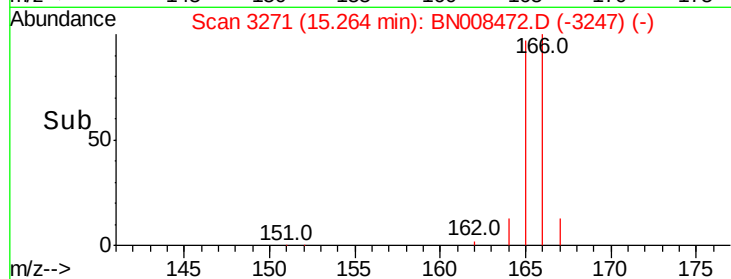
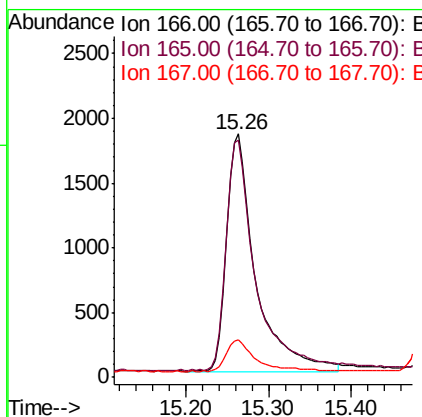
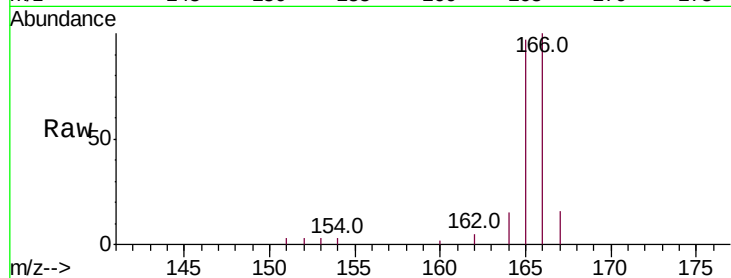




#9
Fluorene
 Concen: 0.375 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. 0.01 min
 Lab File: BN008472.D
 Acq: 06 Nov 2019 18:22

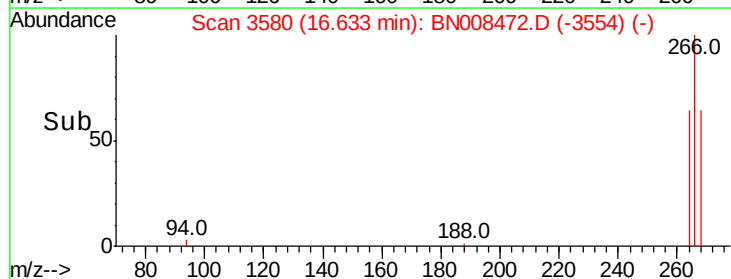
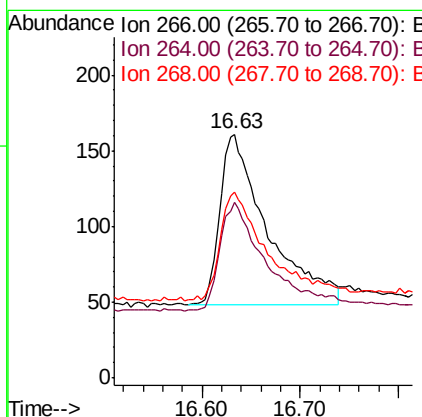
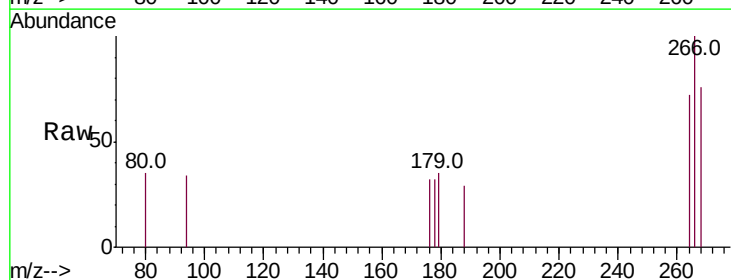
Instrument :
 BNA_N
 ClientSampleId :

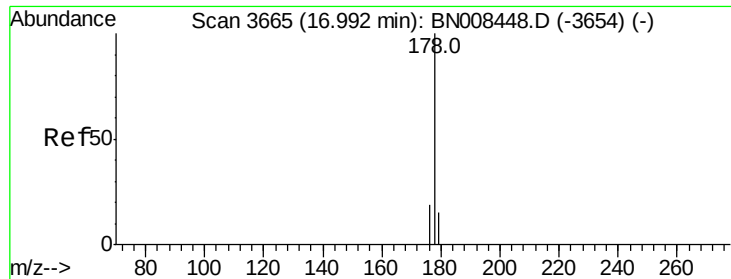
Tot Ion:166 Resp: 4463
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.2 117.2
 167 15.6 12.1 18.1



#11
Pentachlorophenol
 Concen: 0.325 ng/ul
 RT: 16.63 min Scan# 3580
 Delta R.T. 0.01 min
 Lab File: BN008472.D
 Acq: 06 Nov 2019 18:22

Tgt Ion:266 Resp: 381
 Ion Ratio Lower Upper
 266 100
 264 64.3 49.8 74.8
 268 64.6 51.0 76.6





#12

Phenanthrene

Concen: 0.409 ng/ul

RT: 17.00 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BN008472.D

Acq: 06 Nov 2019 18:22

Instrument :

BNA_N

ClientSampleId :

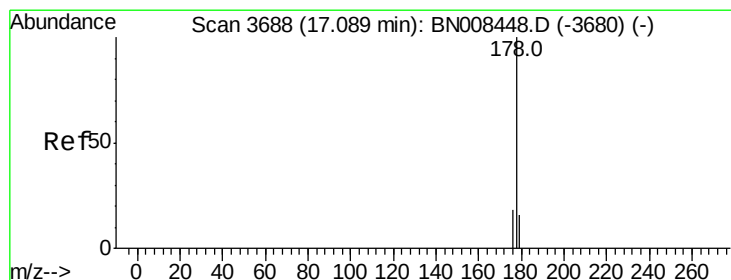
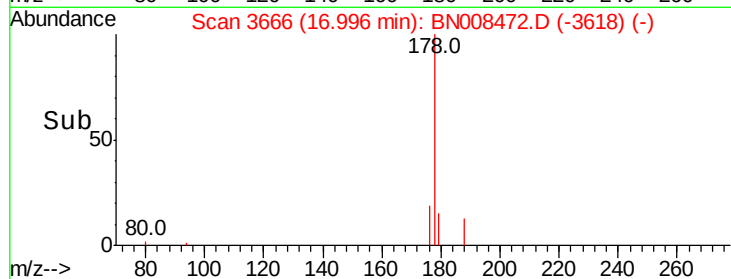
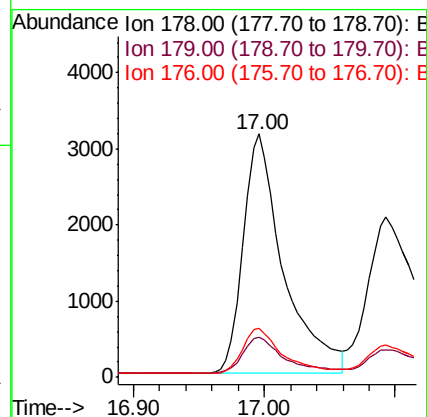
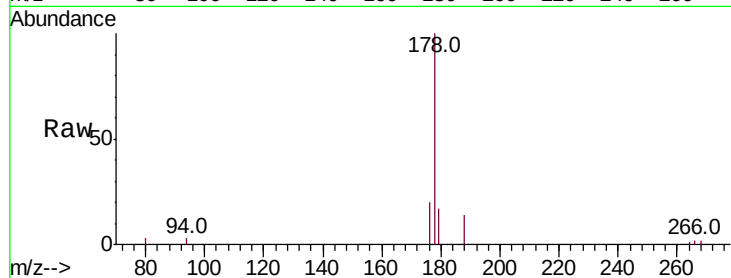
Tot Ion:178 Resp: 6692

Ion Ratio Lower Upper

178 100

179 16.6 13.2 19.8

176 19.9 15.6 23.4



#13

Anthracene

Concen: 0.387 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BN008472.D

Acq: 06 Nov 2019 18:22

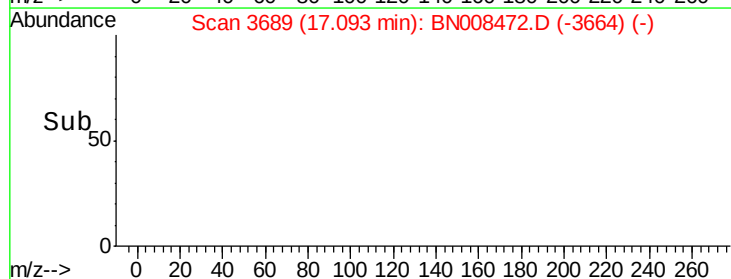
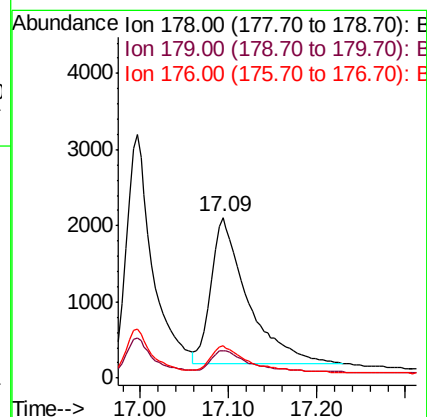
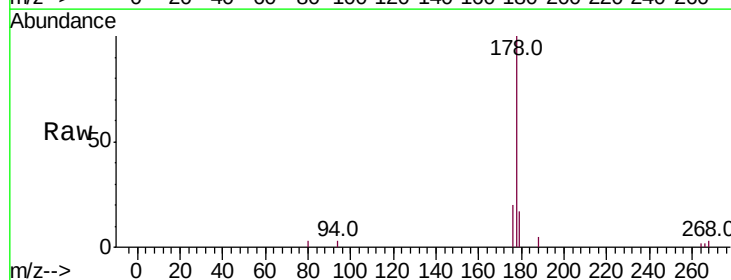
Tgt Ion:178 Resp: 5543

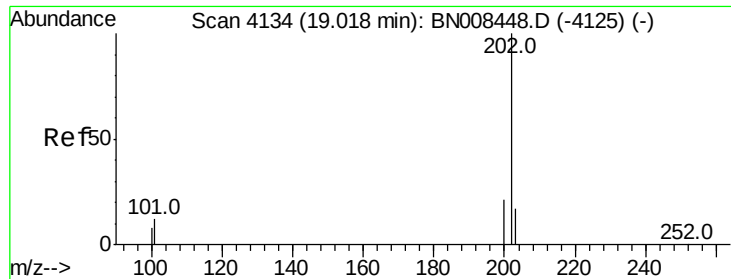
Ion Ratio Lower Upper

178 100

179 17.2 13.7 20.5

176 20.5 15.7 23.5

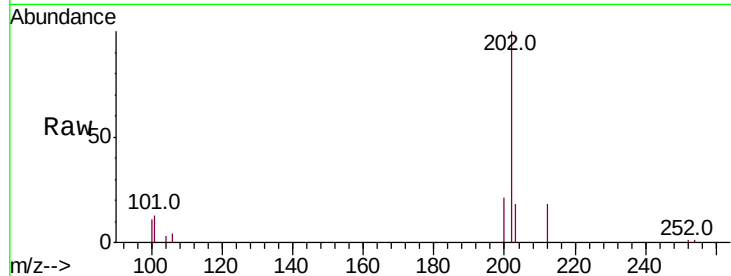




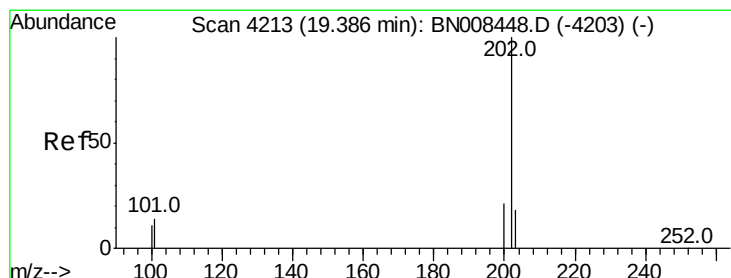
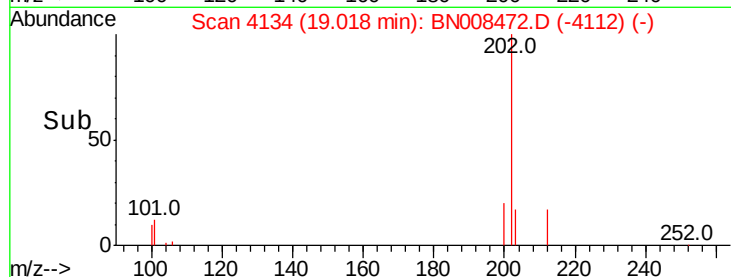
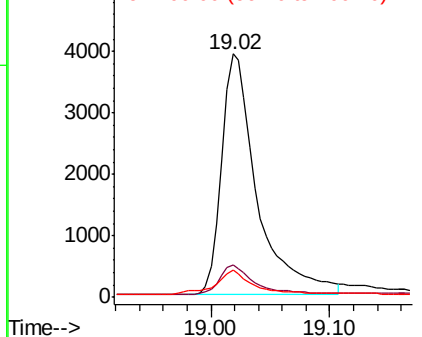
#15
 Fluoranthene
 Concen: 0.433 ng/ul
 RT: 19.02 min Scan# 4134
 Delta R.T. 0.00 min
 Lab File: BN008472.D
 Acq: 06 Nov 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 8124
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 33.0
 100 11.0 0.0 30.2

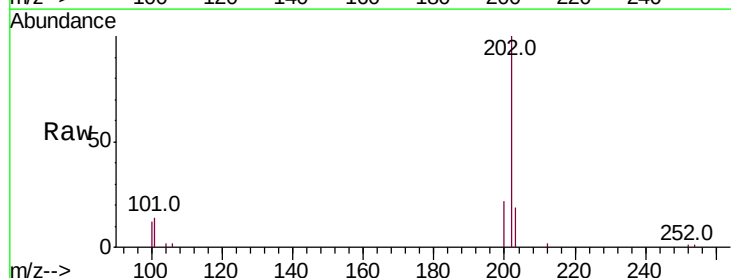


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

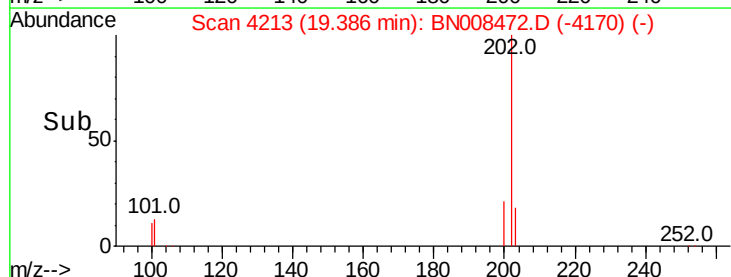
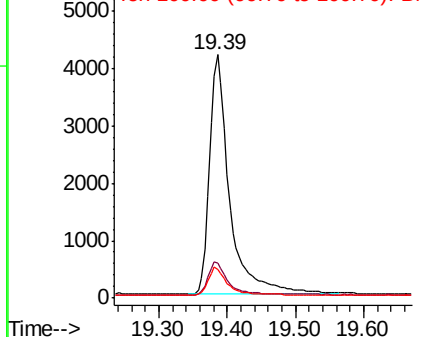


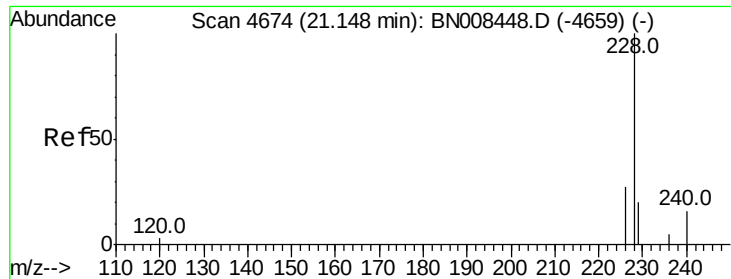
#17
 Pyrene
 Concen: 0.424 ng/ul
 RT: 19.39 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: BN008472.D
 Acq: 06 Nov 2019 18:22

Tgt Ion:202 Resp: 8612
 Ion Ratio Lower Upper
 202 100
 101 14.2 11.6 17.4
 100 11.9 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

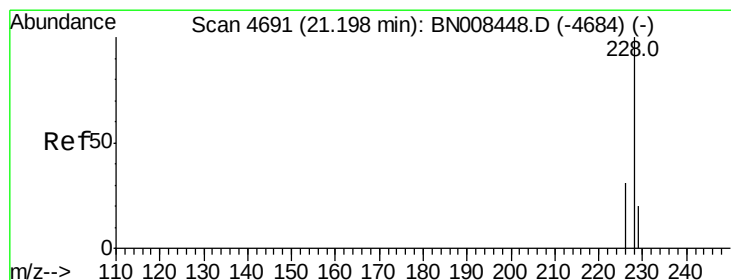
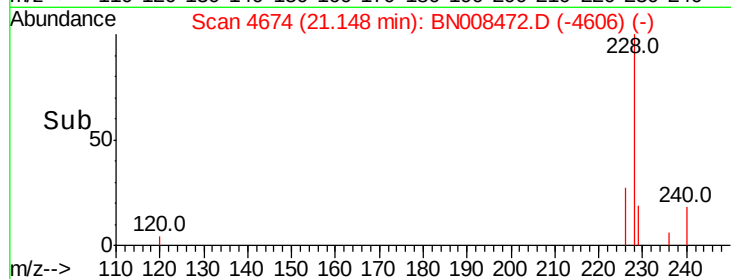
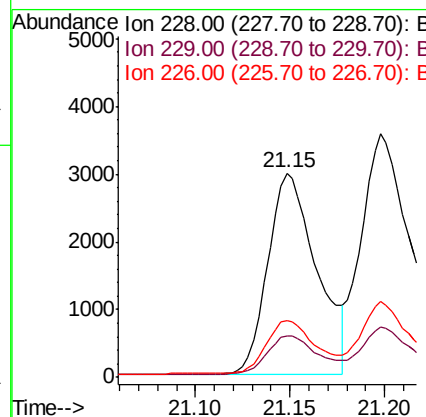
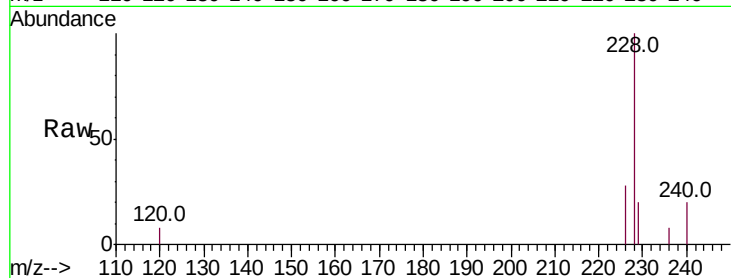




#18
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. 0.00 min
Lab File: BN008472.D
Acq: 06 Nov 2019 18:22

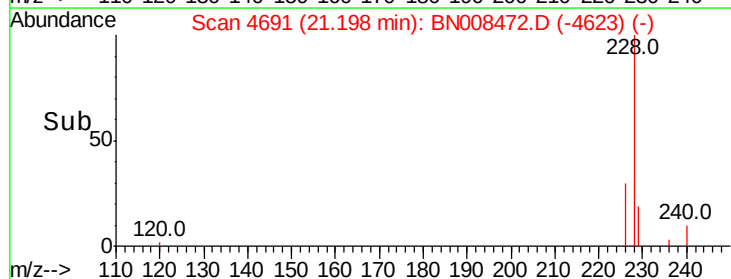
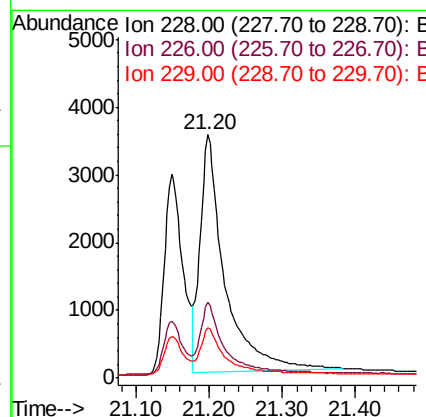
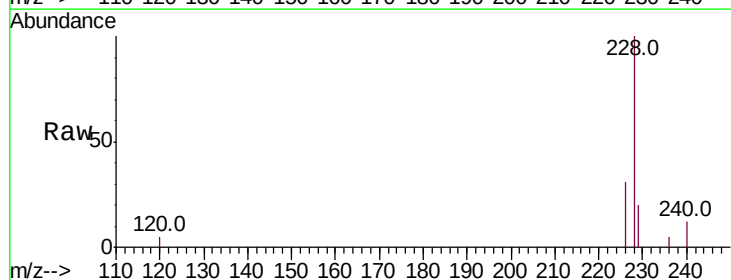
Instrument :
BNA_N
ClientSampleId :

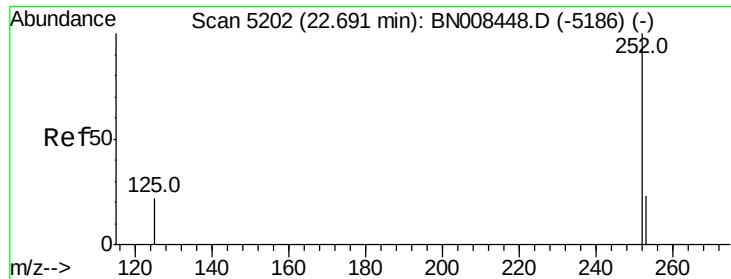
Tot Ion:228 Resp: 5300
Ion Ratio Lower Upper
228 100
229 20.3 16.6 24.8
226 27.9 22.8 34.2



#19
Chrysene
Concen: 0.446 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN008472.D
Acq: 06 Nov 2019 18:22

Tgt Ion:228 Resp: 8222
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 20.5 16.6 25.0

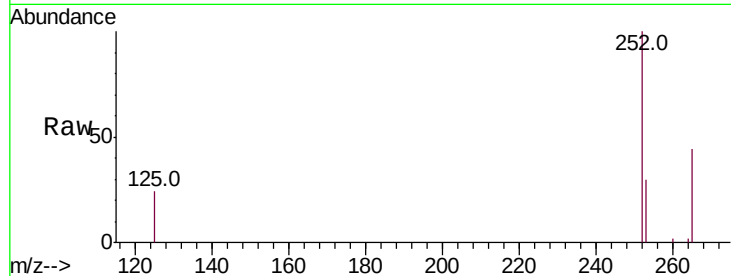




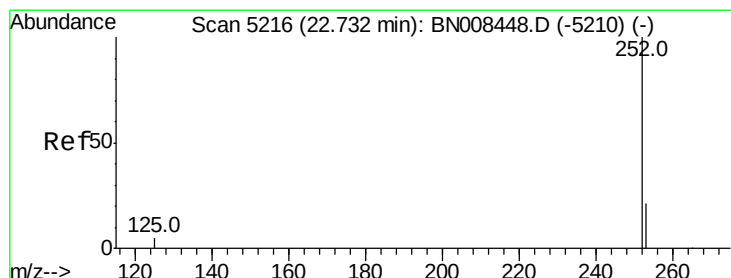
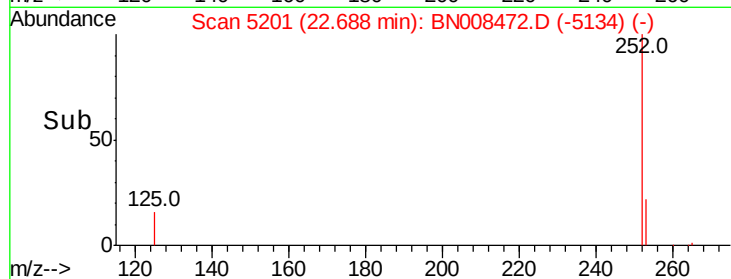
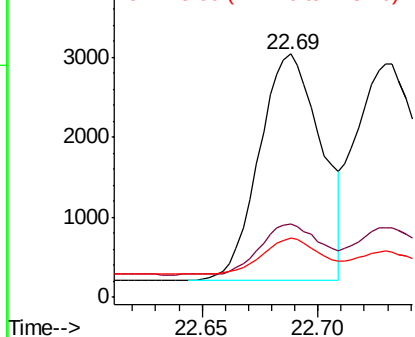
#21
Benzo(b)fluoranthene
Concen: 0.458 ng/ul
RT: 22.69 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BN008472.D
Acq: 06 Nov 2019 18:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 5222
Ion Ratio Lower Upper
252 100
253 29.9 0.0 58.4
125 24.1 0.0 58.6

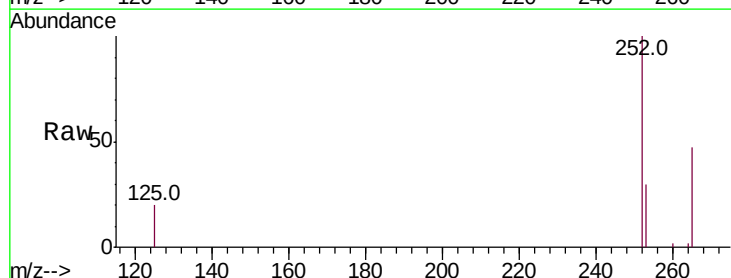


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

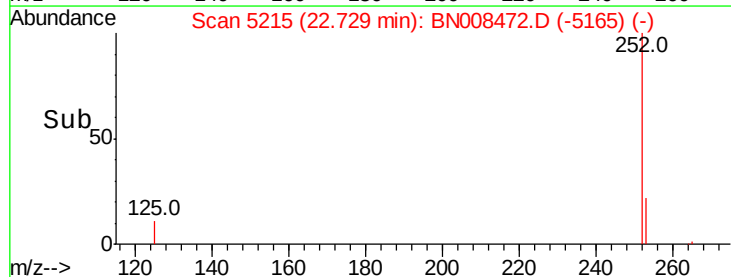
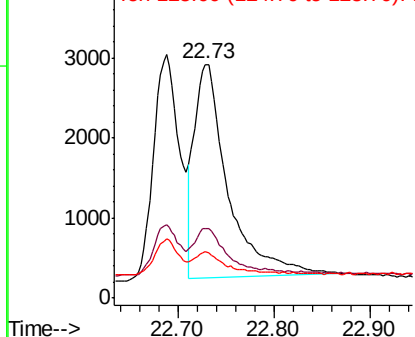


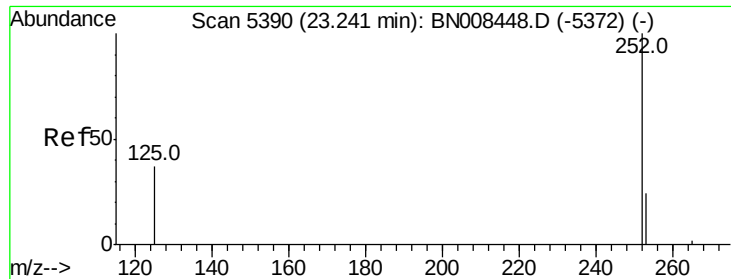
#22
Benzo(k)fluoranthene
Concen: 0.498 ng/ul
RT: 22.73 min Scan# 5215
Delta R.T. -0.00 min
Lab File: BN008472.D
Acq: 06 Nov 2019 18:22

Tgt Ion:252 Resp: 6447
Ion Ratio Lower Upper
252 100
253 30.0 22.6 34.0
125 19.9 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: 0.461 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. 0.00 min

Lab File: BN008472.D

Acq: 06 Nov 2019 18:22

Instrument :

BNA_N

ClientSampled :

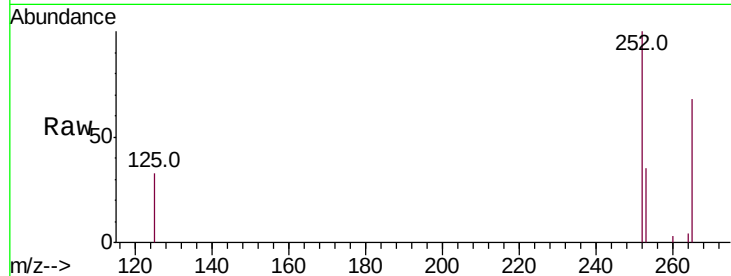
Tot Ion:252 Resp: 5286

Ion Ratio Lower Upper

252 100

253 34.9 27.2 40.8

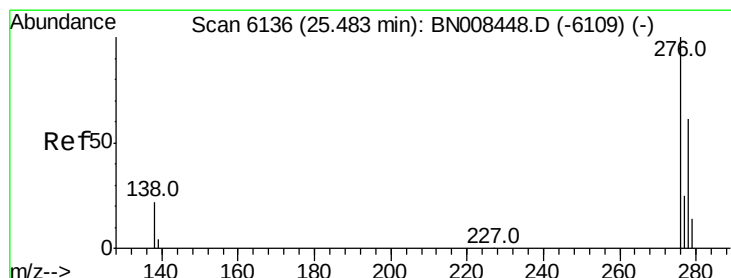
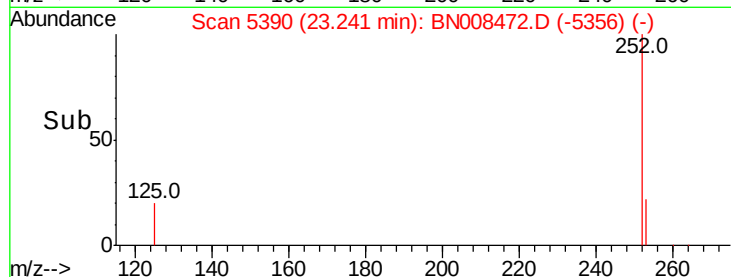
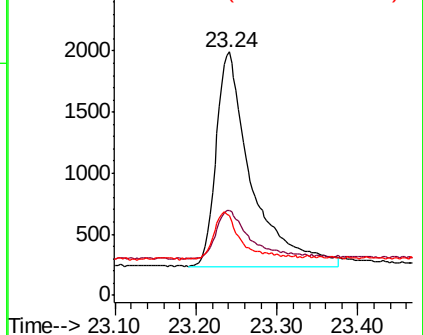
125 32.8 37.0 55.6#



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: 0.440 ng/ul

RT: 25.48 min Scan# 6134

Delta R.T. -0.01 min

Lab File: BN008472.D

Acq: 06 Nov 2019 18:22

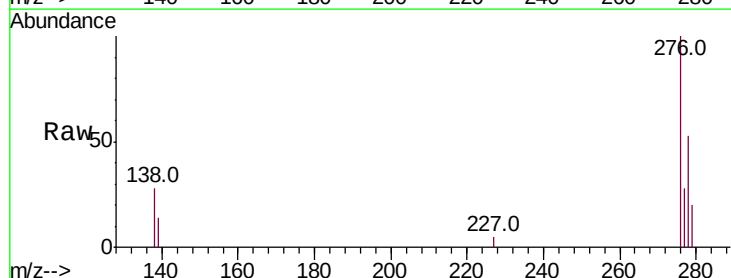
Tgt Ion:276 Resp: 5741

Ion Ratio Lower Upper

276 100

138 24.2 18.3 27.5

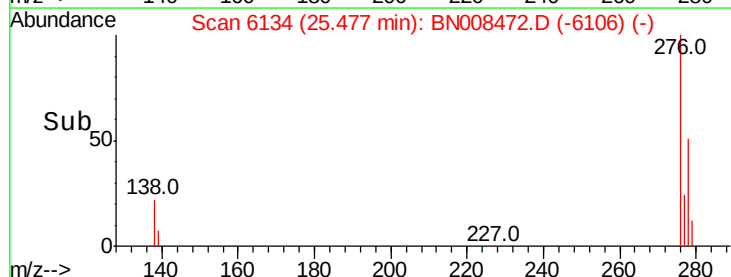
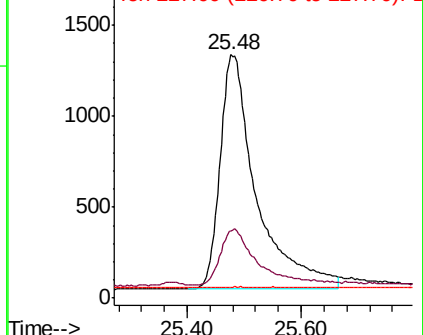
227 0.1 0.0 0.0#

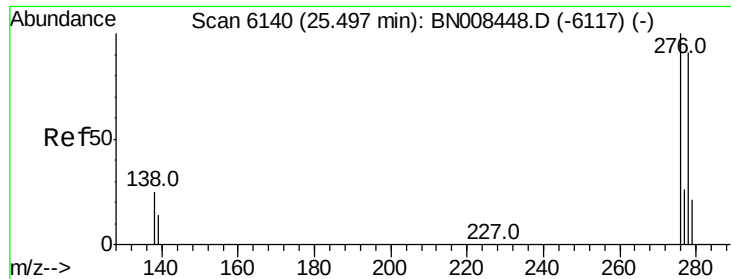


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

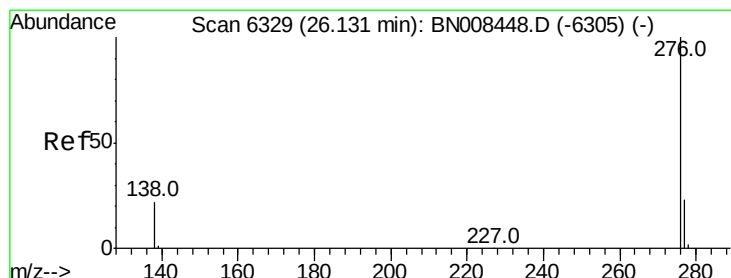
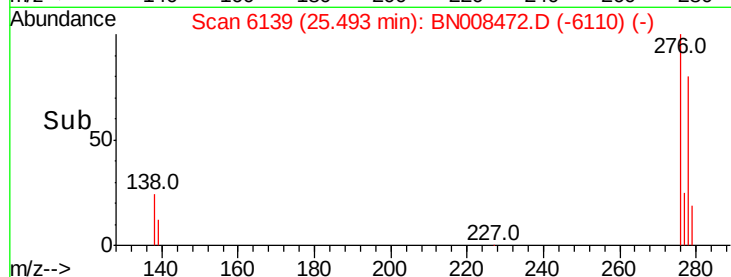
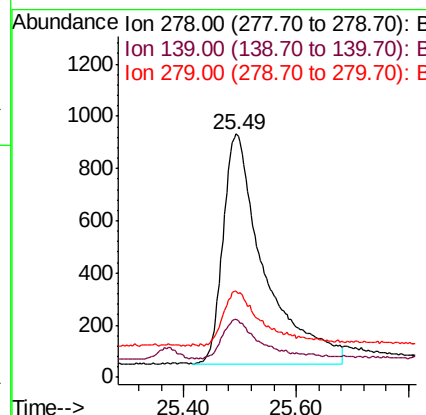
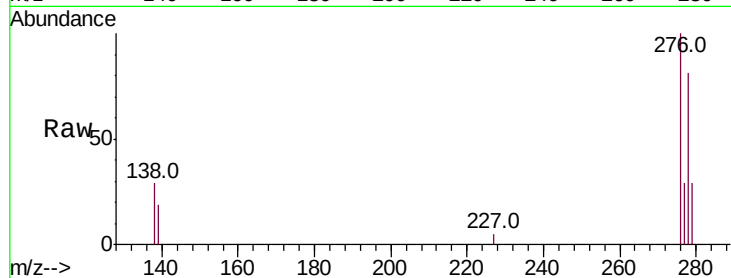




#25
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.00 min
Lab File: BN008472.D
Acq: 06 Nov 2019 18:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 4457
Ion Ratio Lower Upper
278 100
139 23.7 17.6 26.4
279 35.5 25.1 37.7



#26
Benzo(g,h,i)perylene
Concen: 0.465 ng/ul
RT: 26.13 min Scan# 6328
Delta R.T. -0.00 min
Lab File: BN008472.D
Acq: 06 Nov 2019 18:22

Tgt Ion:276 Resp: 5429
Ion Ratio Lower Upper
276 100
138 25.2 20.1 30.1
277 27.2 20.6 31.0

