

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008444.D
 Acq On : 05 Nov 2019 13:07
 Operator : JU
 Sample : SST00.404
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 10:50:45 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 10:46:19 2019
 Response via : Initial Calibration

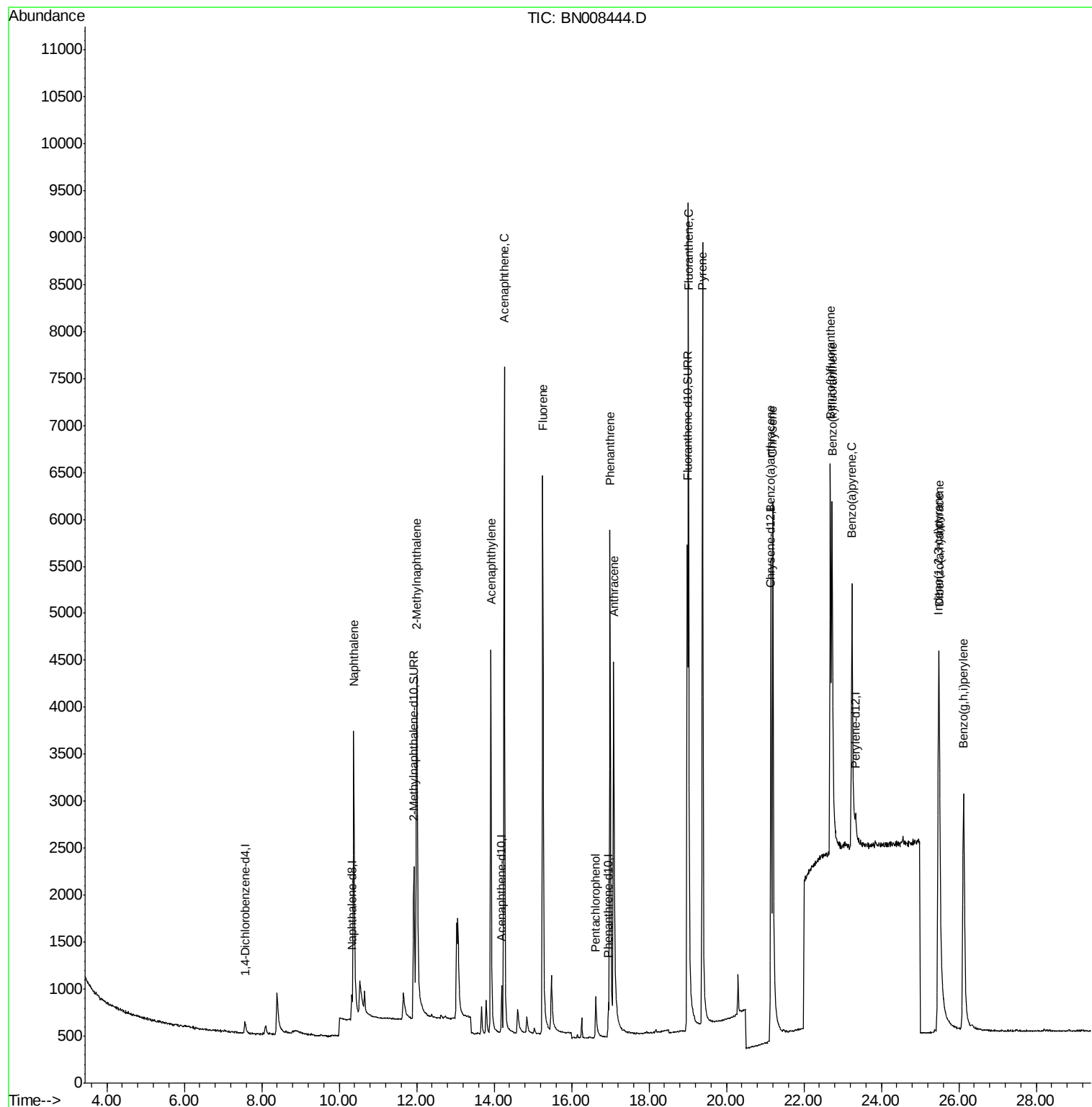
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	124	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	508	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.20	164	308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	584	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	412	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	380	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3371	3.93	ng/ul	0.01
14) Fluoranthene-d10	18.99	212	7463	3.70	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	6195	4.284	ng/ul	100
5) 2-Methylnaphthalene	12.00	142	4036	4.068	ng/ul	100
7) Acenaphthylene	13.92	152	5719	3.898	ng/ul	100
8) Acenaphthene	14.26	153	4701	4.121	ng/ul	98
9) Fluorene	15.26	166	5128	3.958	ng/ul	99
11) Pentachlorophenol	16.62	266	494	3.497	ng/ul	98
12) Phenanthrene	17.00	178	7496	4.384	ng/ul	100
13) Anthracene	17.09	178	6695	4.449	ng/ul	100
15) Fluoranthene	19.02	202	8681	3.844	ng/ul	100
17) Pyrene	19.39	202	8957	5.460	ng/ul	100
18) Benzo(a)anthracene	21.15	228	5814	3.881	ng/ul	99
19) Chrysene	21.20	228	7899	4.297	ng/ul	100
21) Benzo(b)fluoranthene	22.69	252	5468	4.420	ng/ul	91
22) Benzo(k)fluoranthene	22.73	252	6770	4.831	ng/ul	96
23) Benzo(a)pyrene	23.24	252	5750	4.417	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.48	276	6944	4.529	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.50	278	5451	4.498	ng/ul	98
26) Benzo(g,h,i)perylene	26.13	276	6339	4.509	ng/ul	100

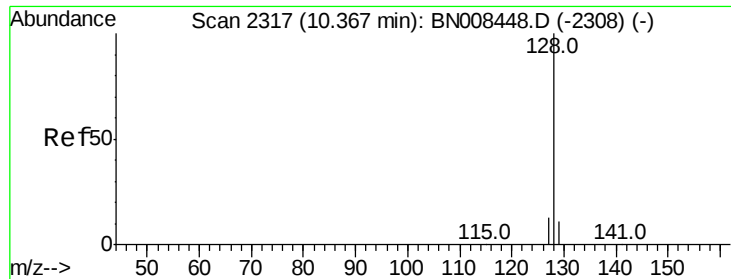
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 4.284 ng/ul

RT: 10.38 min Scan# 2319

Delta R.T. 0.01 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

Instrument :

BNA_N

ClientSampleId :

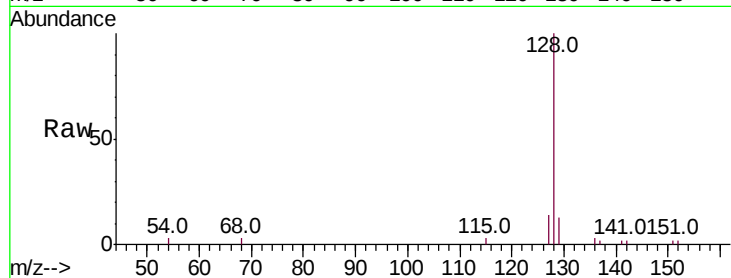
Tot Ion:128 Resp: 6195

Ion Ratio Lower Upper

128 100

129 12.7 10.0 15.0

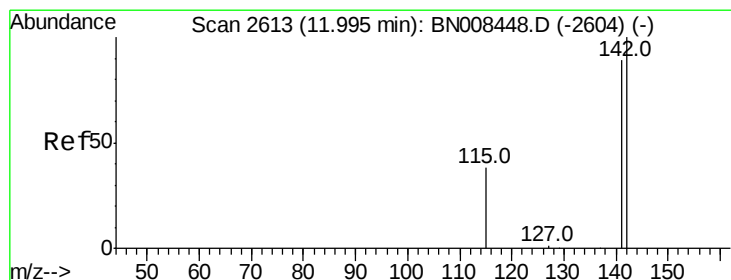
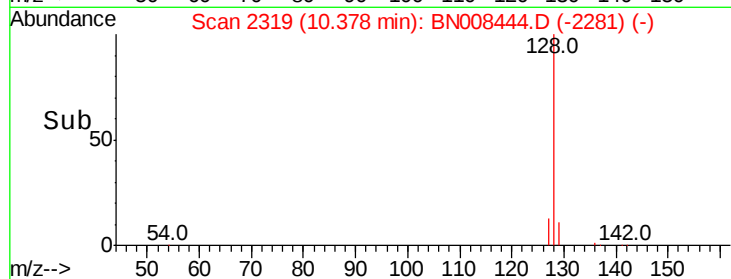
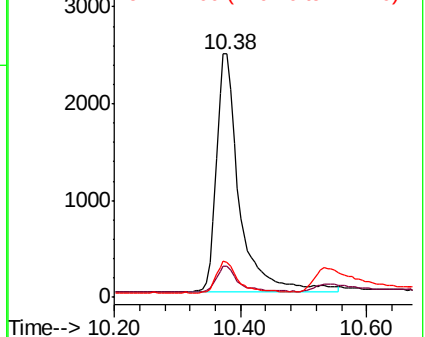
127 14.3 11.6 17.4



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: 4.068 ng/ul

RT: 12.00 min Scan# 2614

Delta R.T. 0.01 min

Lab File: BN008444.D

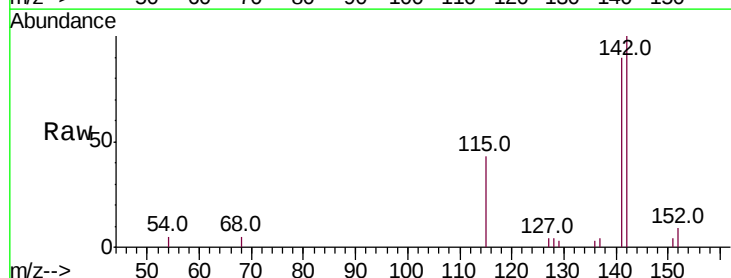
Acq: 05 Nov 2019 13:07

Tgt Ion:142 Resp: 4036

Ion Ratio Lower Upper

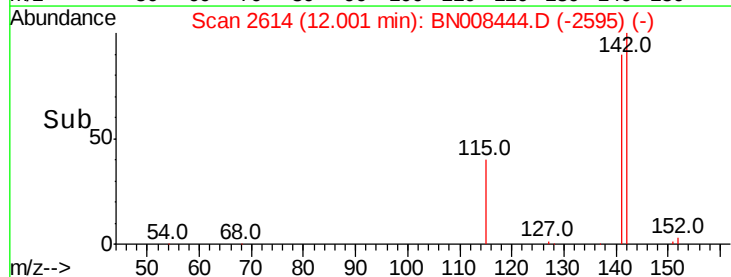
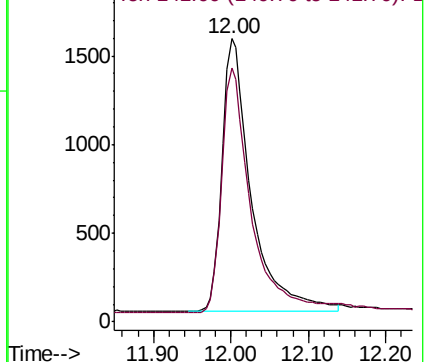
142 100

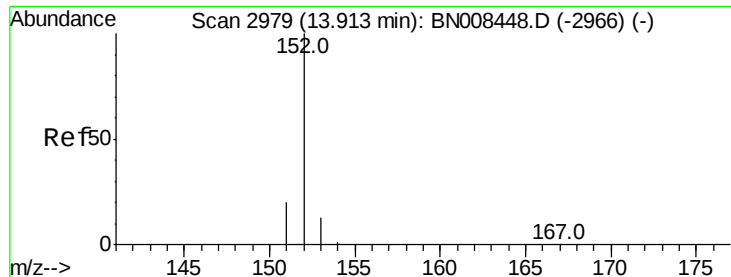
141 90.8 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.898 ng/ul

RT: 13.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

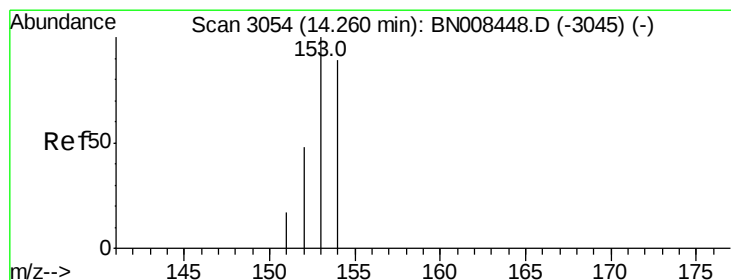
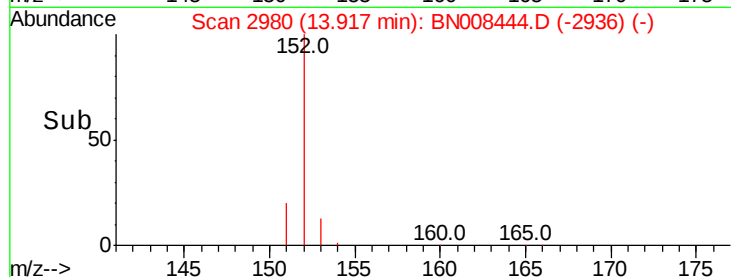
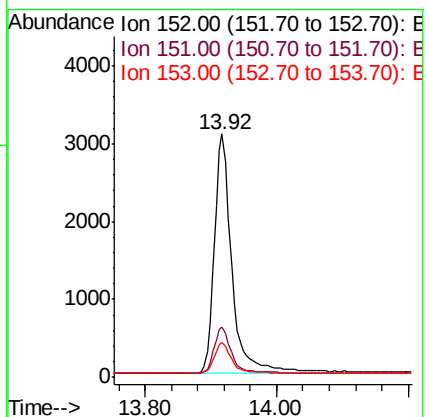
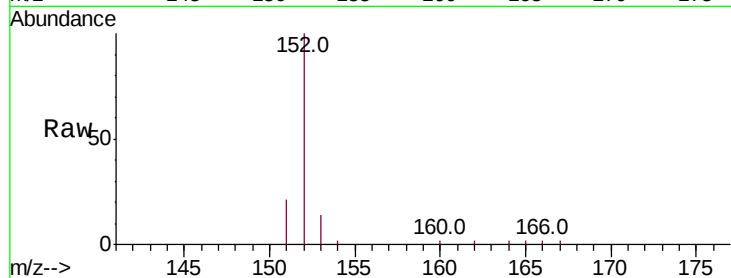
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 5719

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	14.2	11.4	17.2



#8

Acenaphthene

Concen: 4.121 ng/ul

RT: 14.26 min Scan# 3054

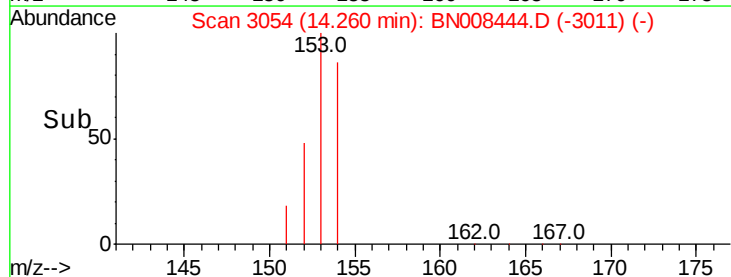
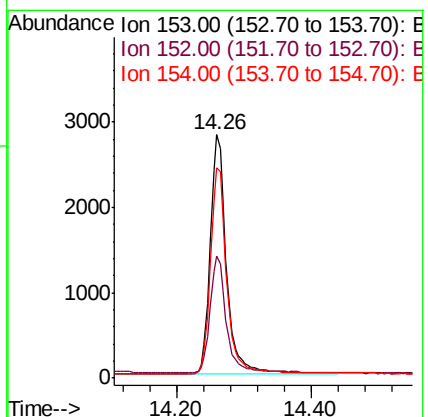
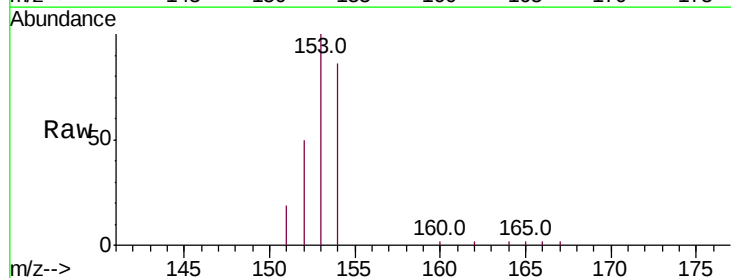
Delta R.T. 0.00 min

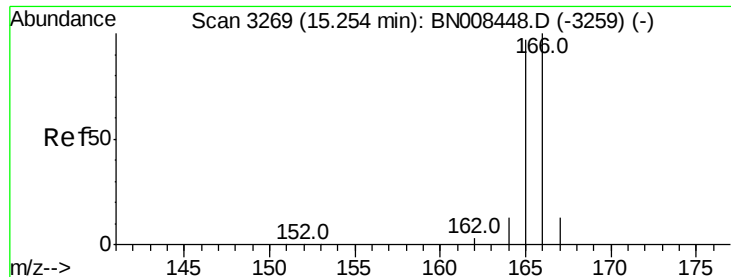
Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

Tgt Ion:153 Resp: 4701

Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.8	59.8
154	86.4	71.6	107.4

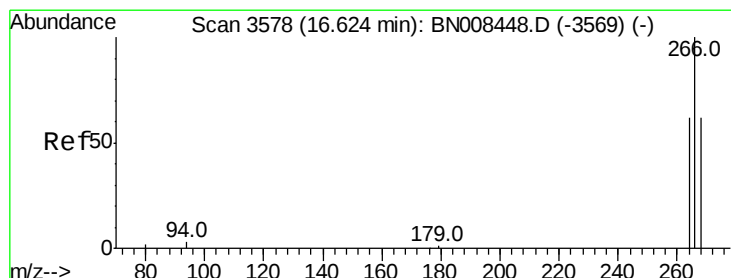
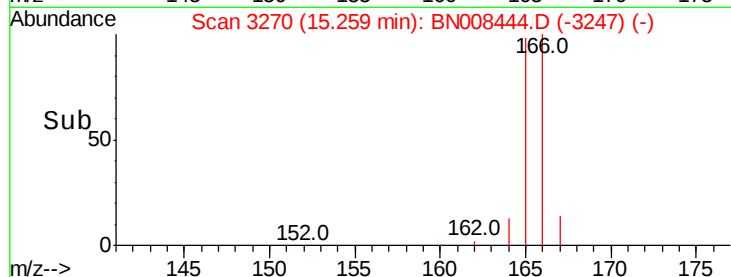
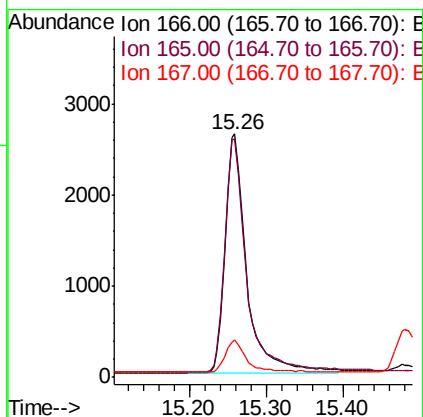
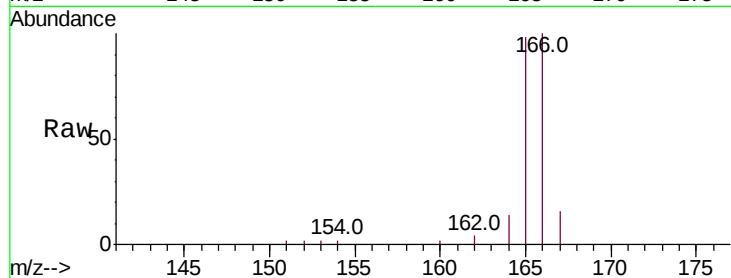




#9
Fluorene
 Concen: 3.958 ng/ul
 RT: 15.26 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BN008444.D
 Acq: 05 Nov 2019 13:07

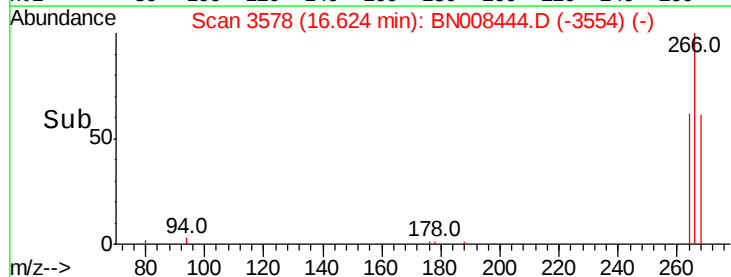
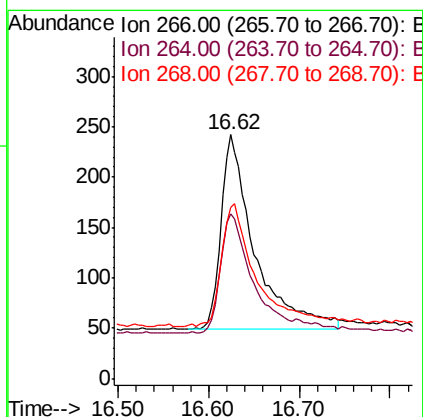
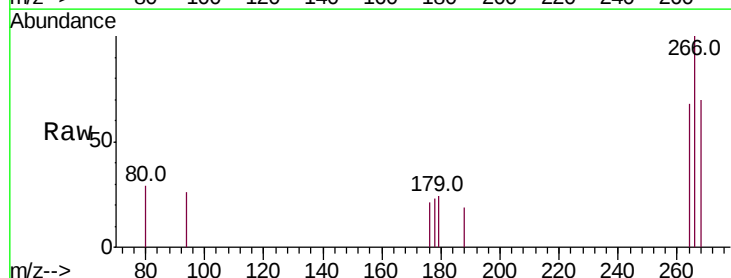
Instrument :
 BNA_N
 ClientSampleId :

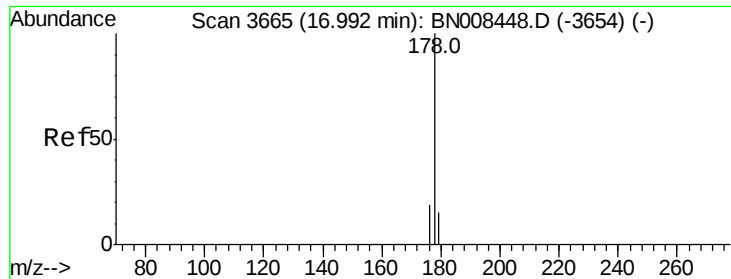
Tot Ion:166 Resp: 5128
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.2 117.2
 167 15.5 12.1 18.1



#11
Pentachlorophenol
 Concen: 3.497 ng/ul
 RT: 16.62 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: BN008444.D
 Acq: 05 Nov 2019 13:07

Tgt Ion:266 Resp: 494
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.8 74.8
 268 65.4 51.0 76.6





#12

Phenanthrene

Concen: 4.384 ng/ul

RT: 17.00 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

Instrument :

BNA_N

ClientSampleId :

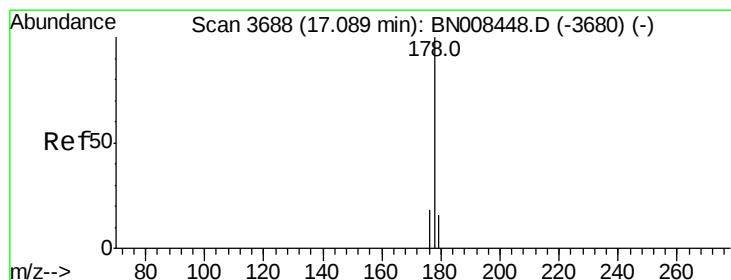
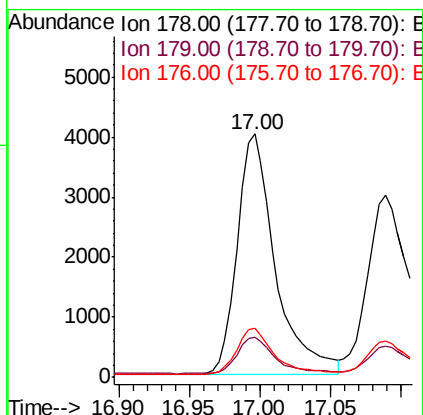
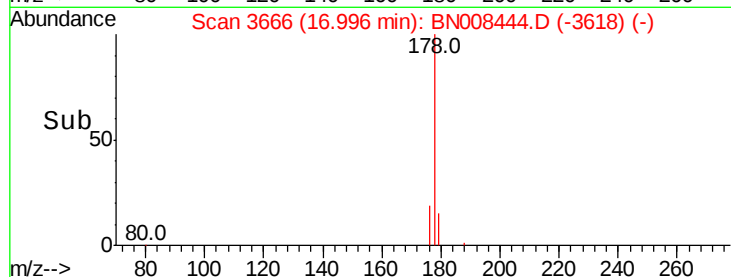
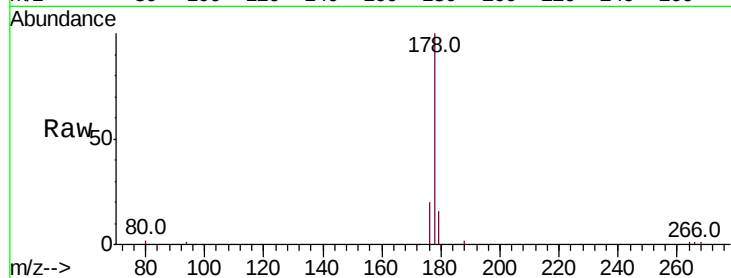
Tot Ion:178 Resp: 7496

Ion Ratio Lower Upper

178 100

179 16.5 13.2 19.8

176 19.9 15.6 23.4



#13

Anthracene

Concen: 4.449 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

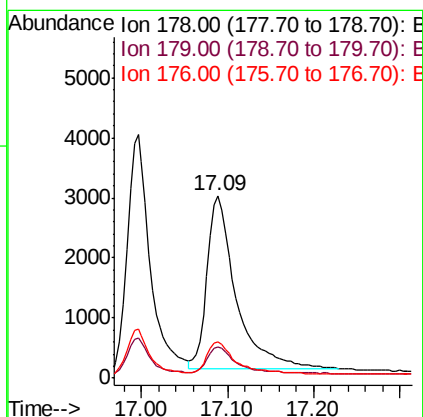
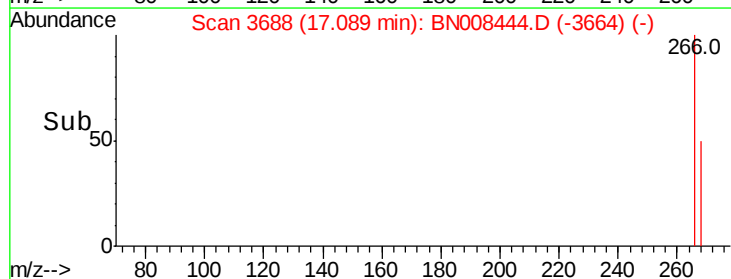
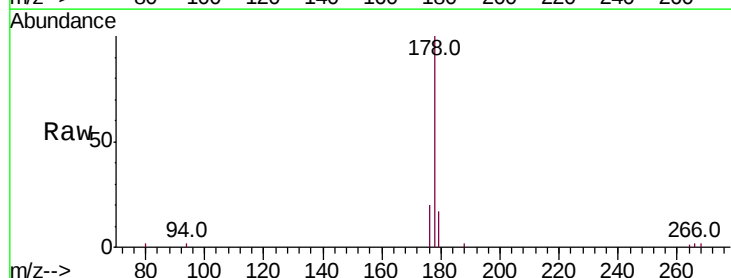
Tgt Ion:178 Resp: 6695

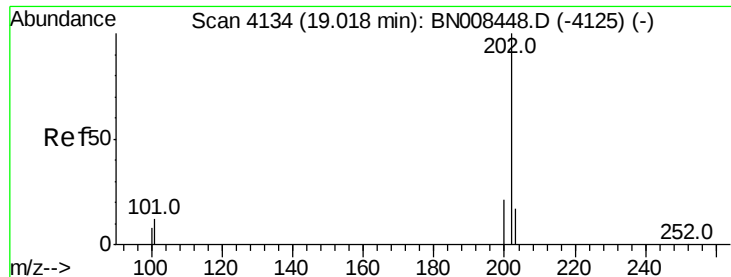
Ion Ratio Lower Upper

178 100

179 17.2 13.7 20.5

176 19.7 15.7 23.5

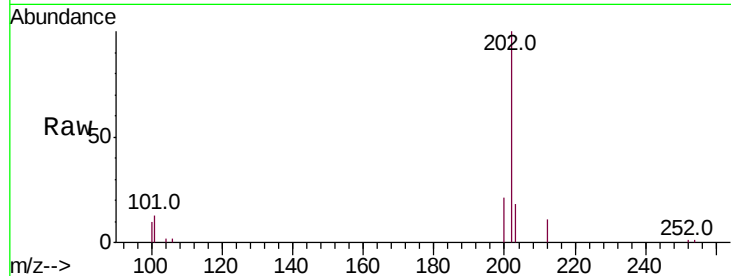




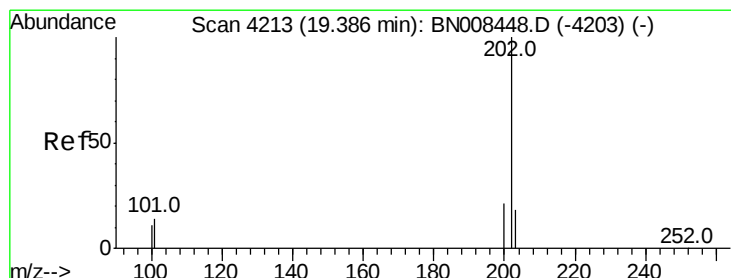
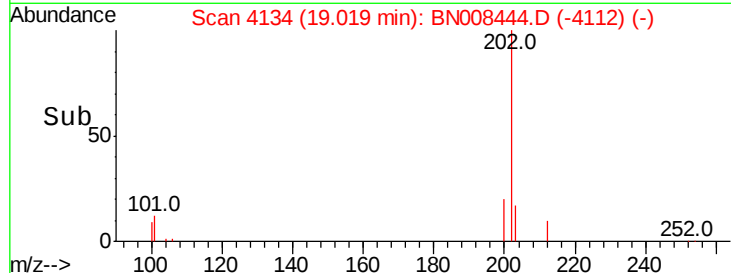
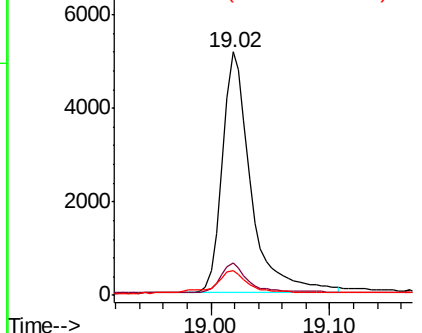
#15
 Fluoranthene
 Concen: 3.844 ng/ul
 RT: 19.02 min Scan# 4134
 Delta R.T. 0.00 min
 Lab File: BN008444.D
 Acq: 05 Nov 2019 13:07

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 8681
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 33.0
 100 10.1 0.0 30.2

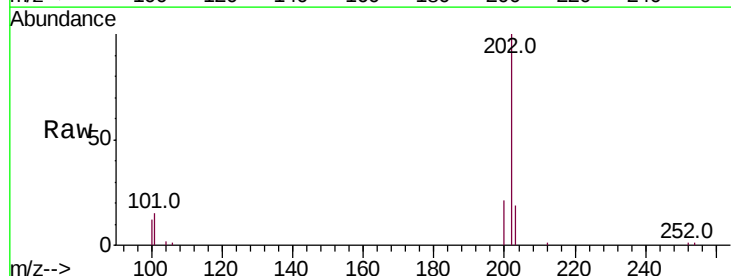


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

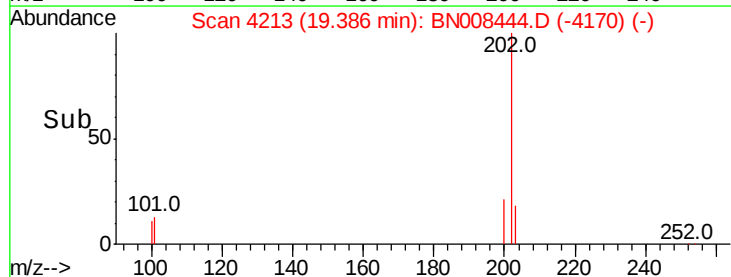
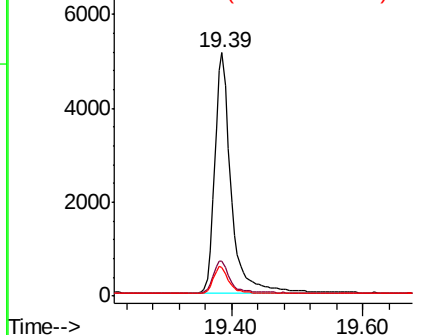


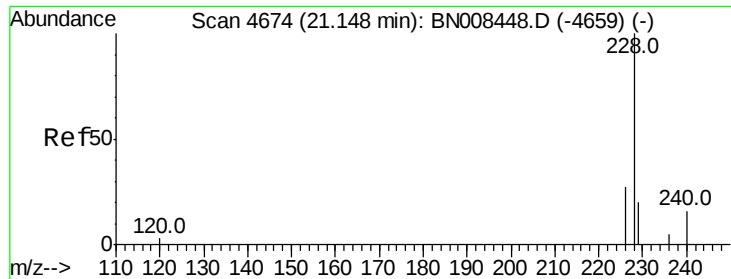
#17
 Pyrene
 Concen: 5.460 ng/ul
 RT: 19.39 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: BN008444.D
 Acq: 05 Nov 2019 13:07

Tgt Ion:202 Resp: 8957
 Ion Ratio Lower Upper
 202 100
 101 14.5 11.6 17.4
 100 11.7 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: 3.881 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. 0.00 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

Instrument :

BNA_N

ClientSampleId :

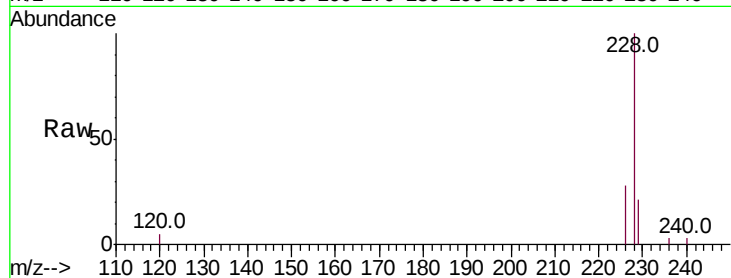
Tot Ion:228 Resp: 5814

Ion Ratio Lower Upper

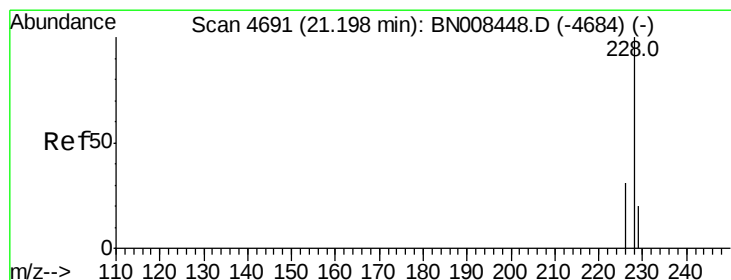
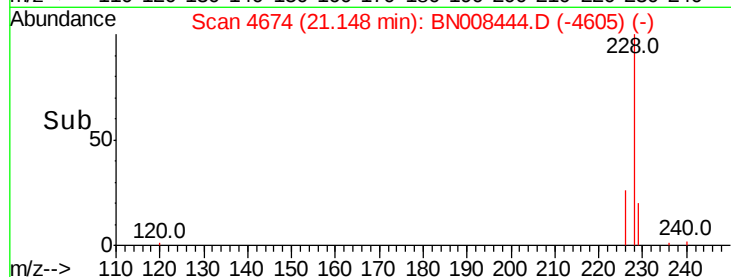
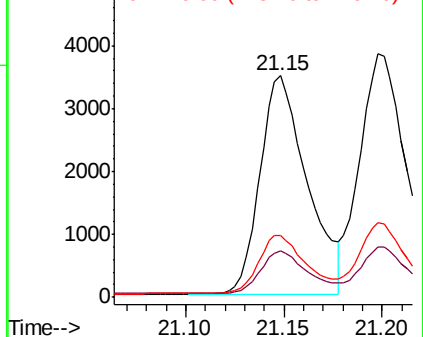
228 100

229 21.0 16.6 24.8

226 27.6 22.8 34.2



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: 4.297 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. 0.00 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

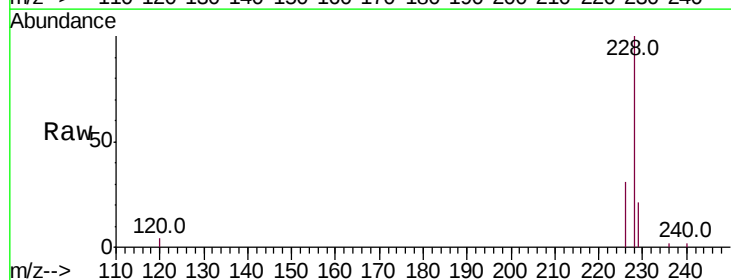
Tgt Ion:228 Resp: 7899

Ion Ratio Lower Upper

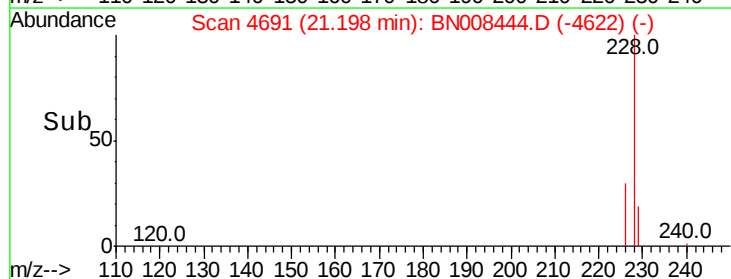
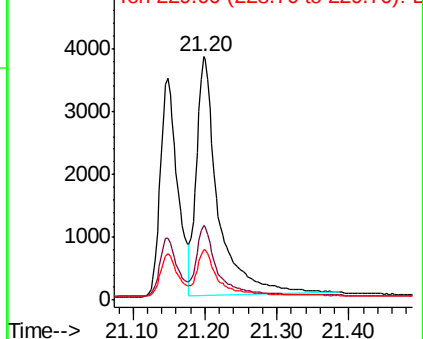
228 100

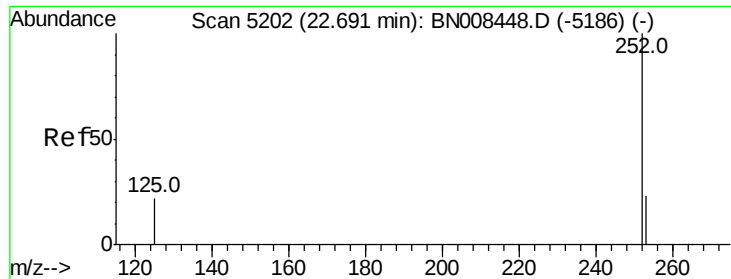
226 30.8 24.9 37.3

229 20.7 16.6 25.0



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

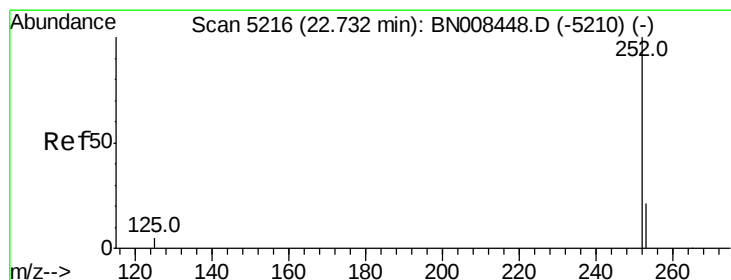
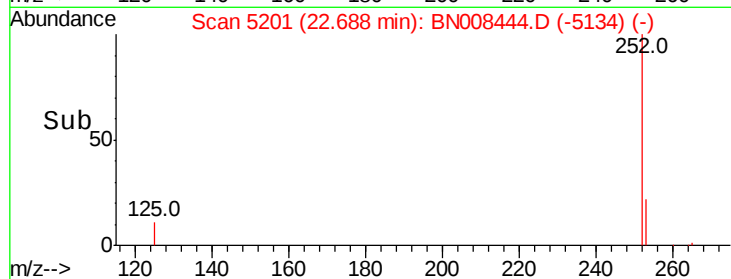
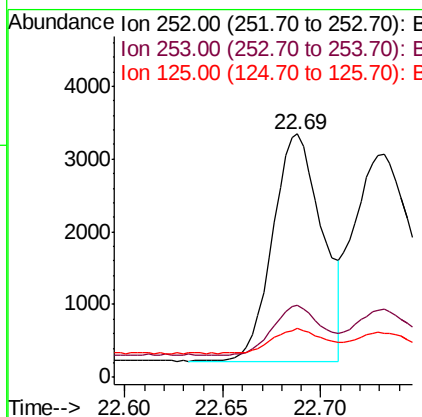
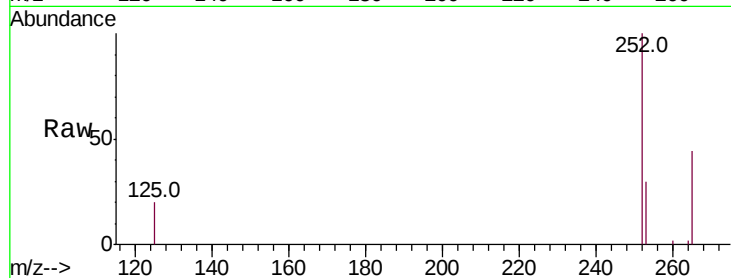




#21
Benzo(b)fluoranthene
Concen: 4.420 ng/u1
RT: 22.69 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BN008444.D
Acq: 05 Nov 2019 13:07

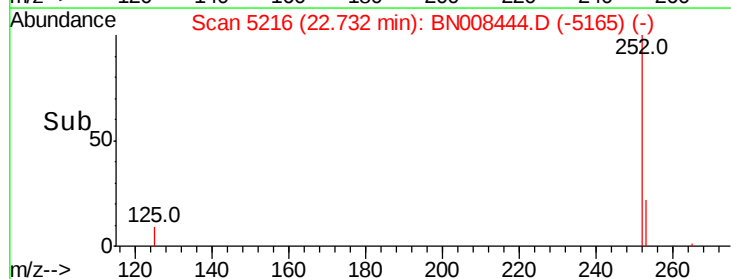
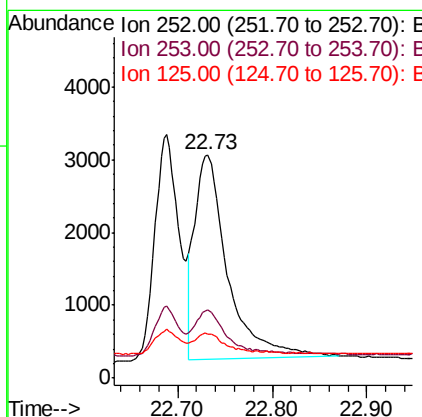
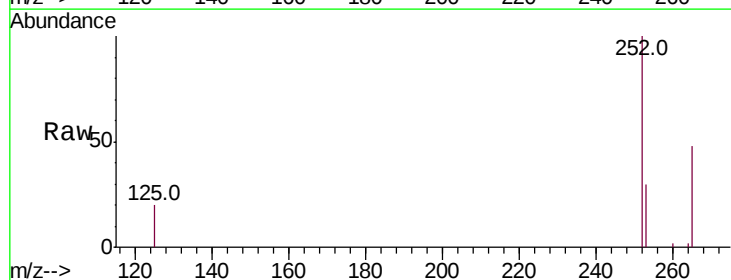
Instrument :
BNA_N
ClientSampleId :

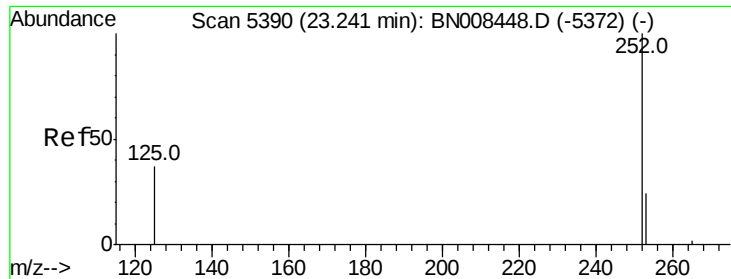
Tot Ion:252 Resp: 5468
Ion Ratio Lower Upper
252 100
253 29.8 0.0 58.4
125 20.0 0.0 58.6



#22
Benzo(k)fluoranthene
Concen: 4.831 ng/u1
RT: 22.73 min Scan# 5216
Delta R.T. 0.00 min
Lab File: BN008444.D
Acq: 05 Nov 2019 13:07

Tgt Ion:252 Resp: 6770
Ion Ratio Lower Upper
252 100
253 30.4 22.6 34.0
125 19.8 14.7 22.1





#23

Benzo(a)pyrene

Concen: 4.417 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. 0.00 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

Instrument :

BNA_N

ClientSampleId :

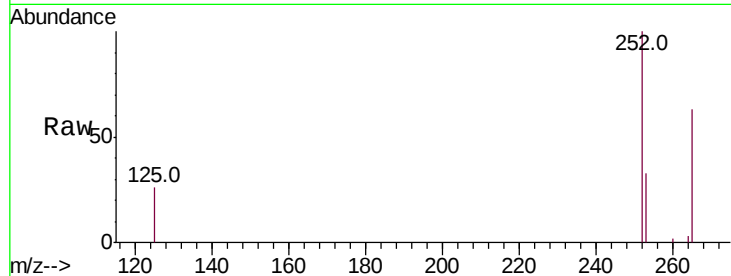
Tot Ion:252 Resp: 5750

Ion Ratio Lower Upper

252 100

253 33.4 27.2 40.8

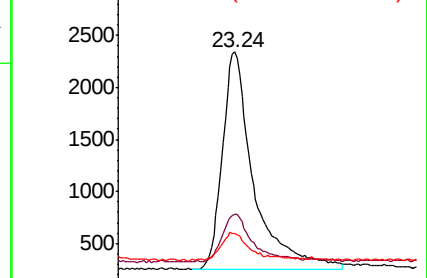
125 25.7 37.0 55.6#



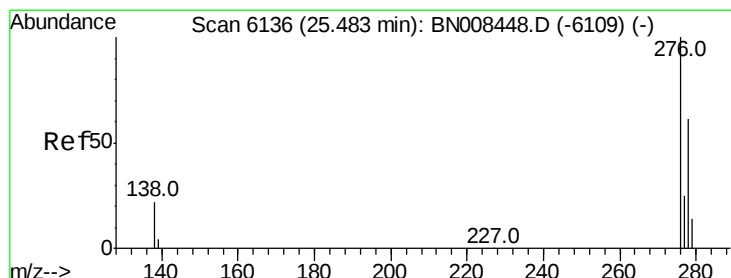
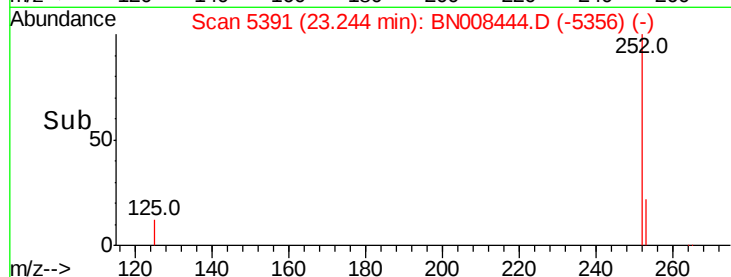
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.10 23.20 23.30 23.40



#24

Indeno(1,2,3-cd)pyrene

Concen: 4.529 ng/ul

RT: 25.48 min Scan# 6134

Delta R.T. -0.01 min

Lab File: BN008444.D

Acq: 05 Nov 2019 13:07

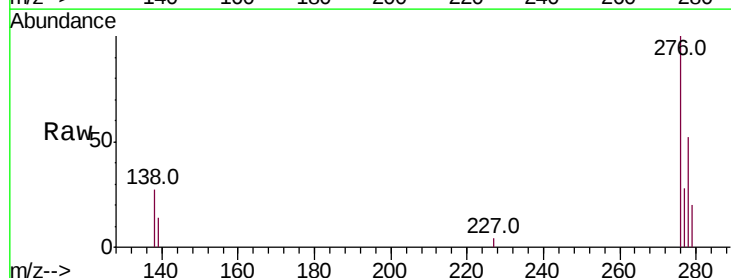
Tgt Ion:276 Resp: 6944

Ion Ratio Lower Upper

276 100

138 24.2 18.3 27.5

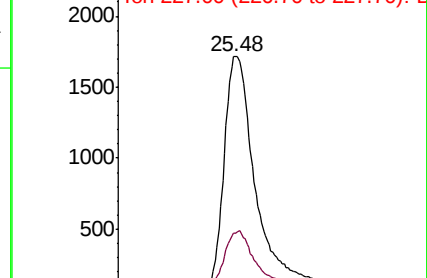
227 0.2 0.0 0.0#



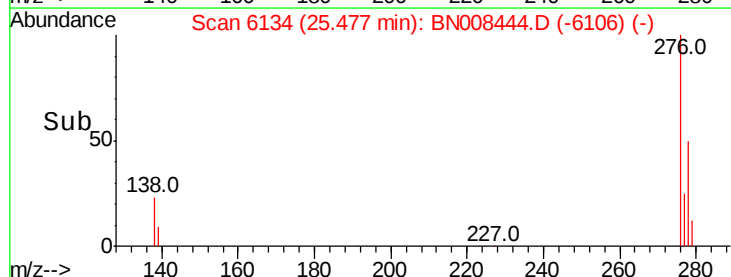
Abundance Ion 276.00 (275.70 to 276.70): E

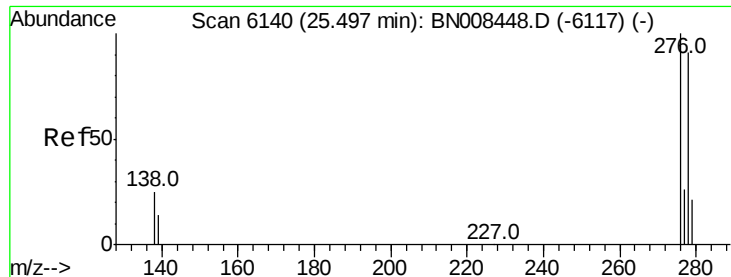
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 25.40 25.60

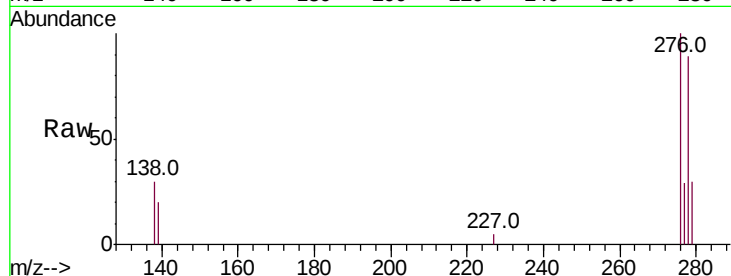




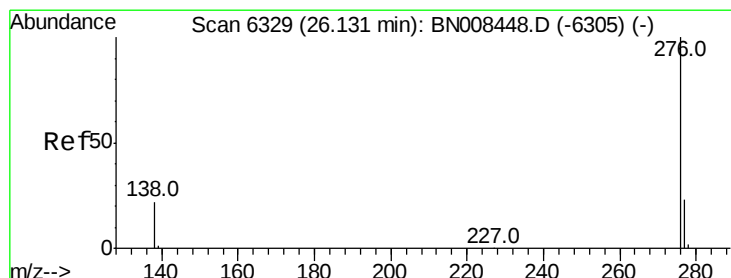
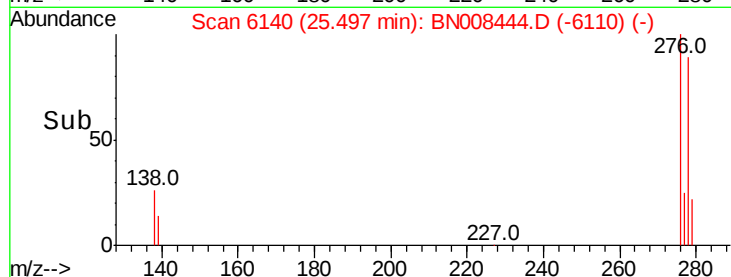
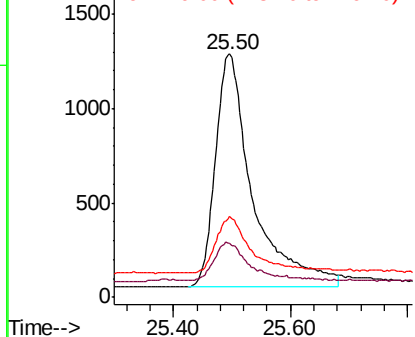
#25
Dibenzo(a,h)anthracene
Concen: 4.498 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. 0.00 min
Lab File: BN008444.D
Acq: 05 Nov 2019 13:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5451
Ion Ratio Lower Upper
278 100
139 22.2 17.6 26.4
279 33.3 25.1 37.7

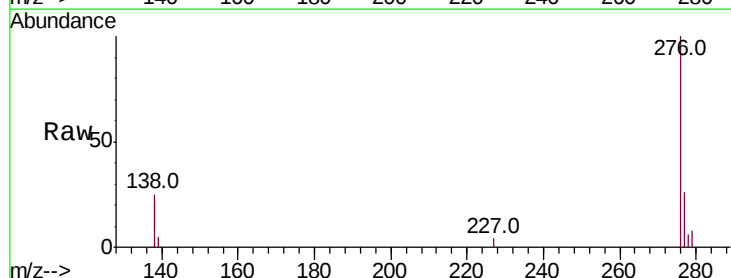


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 4.509 ng/ul
RT: 26.13 min Scan# 6328
Delta R.T. -0.00 min
Lab File: BN008444.D
Acq: 05 Nov 2019 13:07

Tgt Ion:276 Resp: 6339
Ion Ratio Lower Upper
276 100
138 24.9 20.1 30.1
277 26.1 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

