

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110619\
 Data File : BN008465.D
 Acq On : 06 Nov 2019 09:59
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 12:24:57 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

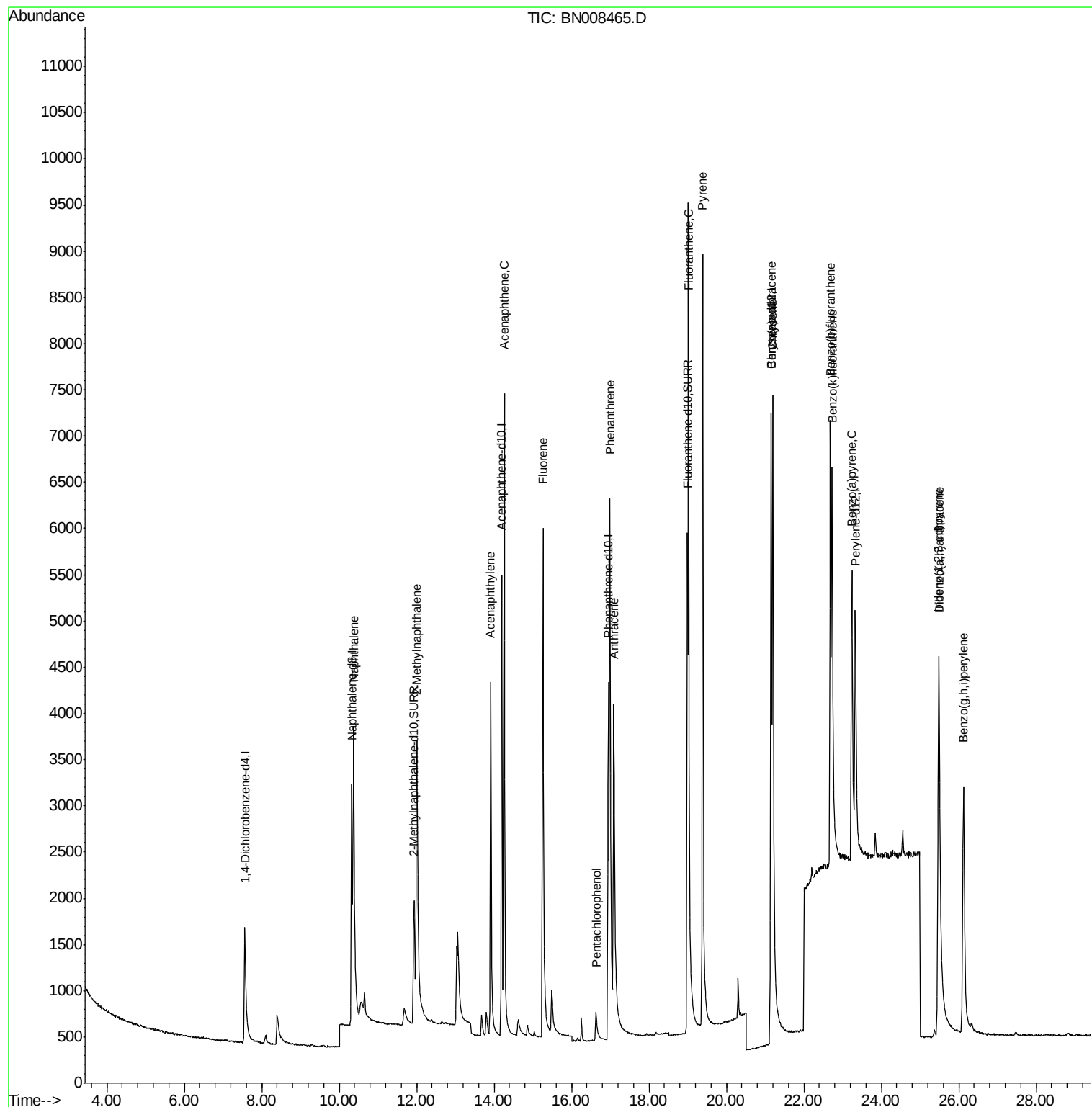
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1248	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5445	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3437	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6585	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4996	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	3893	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3347	0.39	ng/ul	0.01
14) Fluoranthene-d10	18.99	212	8332	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	6337	0.409	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	4021	0.390	ng/ul	99
7) Acenaphthylene	13.91	152	5948	0.371	ng/ul	100
8) Acenaphthene	14.26	153	5011	0.386	ng/ul	100
9) Fluorene	15.26	166	5340	0.376	ng/ul	99
11) Pentachlorophenol	16.63	266	443	0.309	ng/ul	98
12) Phenanthrene	16.99	178	8201	0.410	ng/ul	100
13) Anthracene	17.09	178	6883	0.393	ng/ul	100
15) Fluoranthene	19.02	202	9780	0.426	ng/ul	98
17) Pyrene	19.39	202	10319	0.423	ng/ul	99
18) Benzo(a)anthracene	21.15	228	6379	0.367	ng/ul	100
19) Chrysene	21.20	228	9904	0.447	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	6645	0.458	ng/ul	92
22) Benzo(k)fluoranthene	22.73	252	7871	0.477	ng/ul	99
23) Benzo(a)pyrene	23.24	252	6481	0.444	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.48	276	7276	0.438	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	5620	0.427	ng/ul	99
26) Benzo(g,h,i)perylene	26.12	276	6782	0.456	ng/ul	100

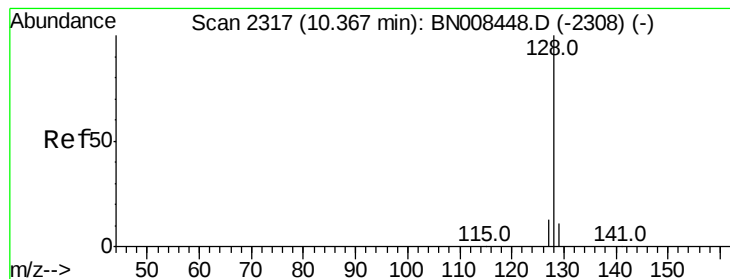
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

Instrument :

BNA_N

ClientSampleId :

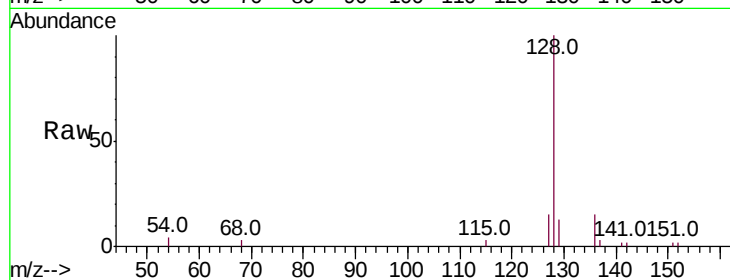
Tot Ion:128 Resp: 6337

Ion Ratio Lower Upper

128 100

129 12.8 10.0 15.0

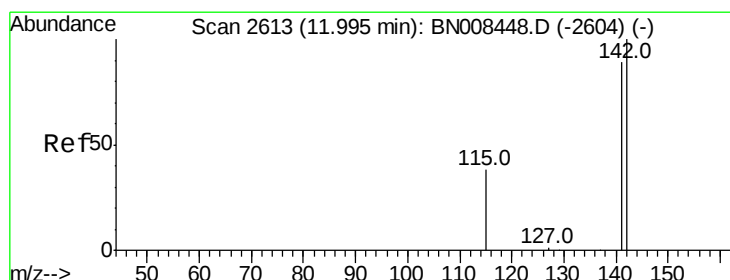
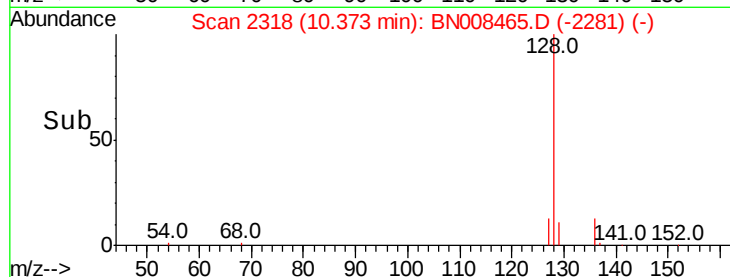
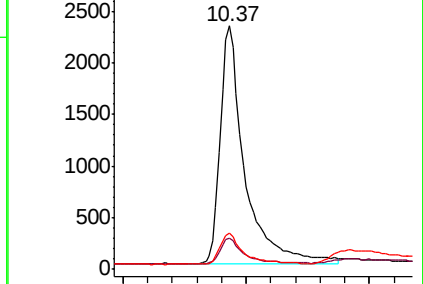
127 14.8 11.6 17.4



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: 0.390 ng/ul

RT: 12.00 min Scan# 2614

Delta R.T. 0.01 min

Lab File: BN008465.D

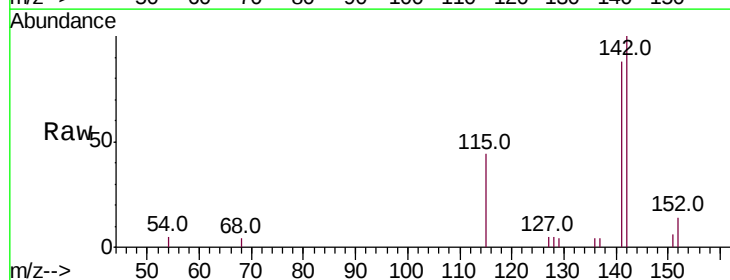
Acq: 06 Nov 2019 09:59

Tgt Ion:142 Resp: 4021

Ion Ratio Lower Upper

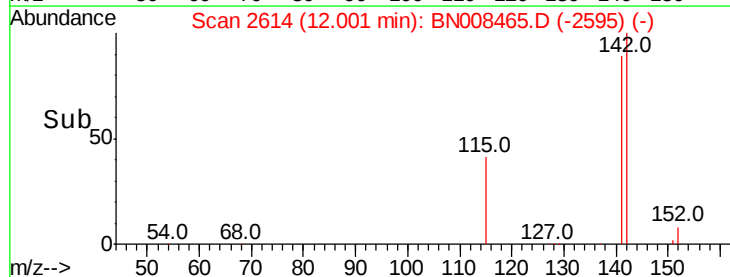
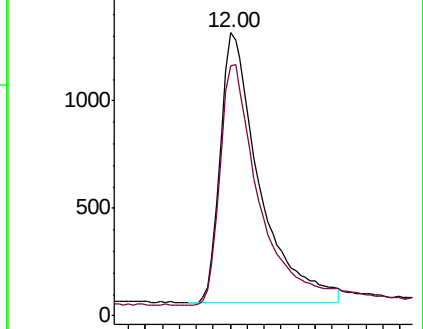
142 100

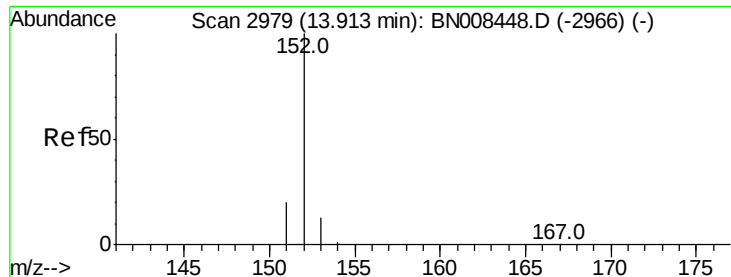
141 89.8 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.371 ng/ul

RT: 13.91 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

Instrument :

BNA_N

ClientSampleId :

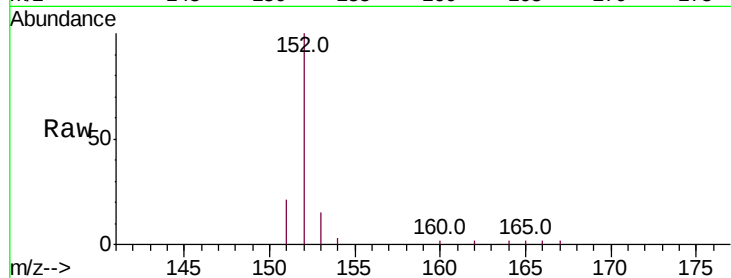
Tot Ion:152 Resp: 5948

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

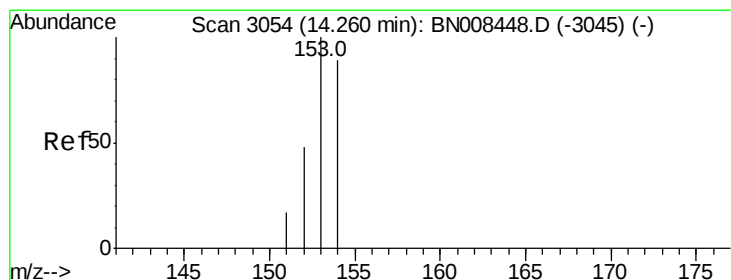
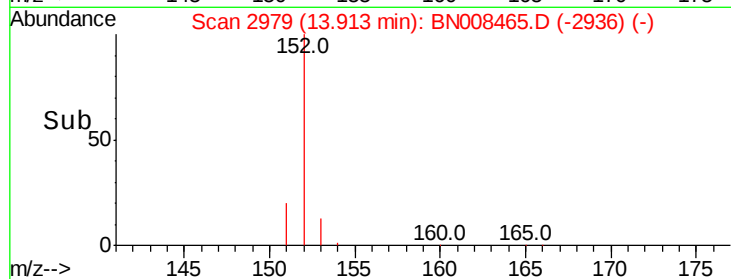
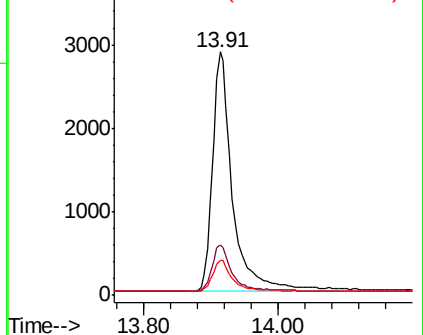
153 14.5 11.4 17.2



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: 0.386 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

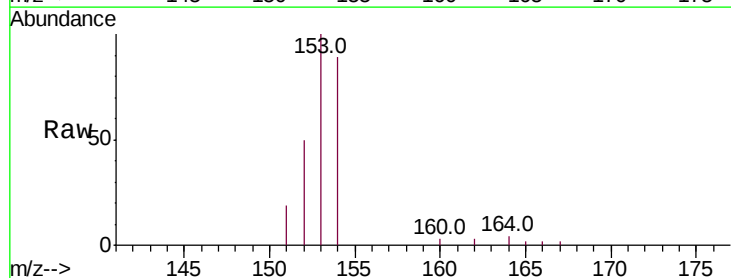
Tgt Ion:153 Resp: 5011

Ion Ratio Lower Upper

153 100

152 49.8 39.8 59.8

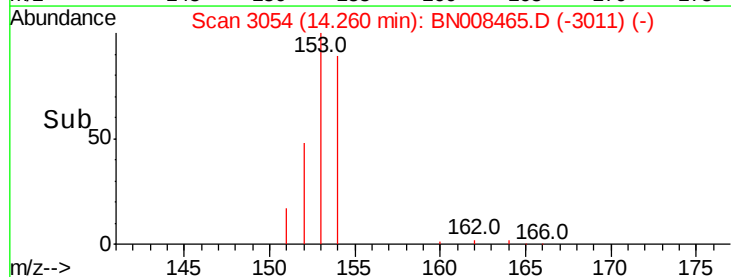
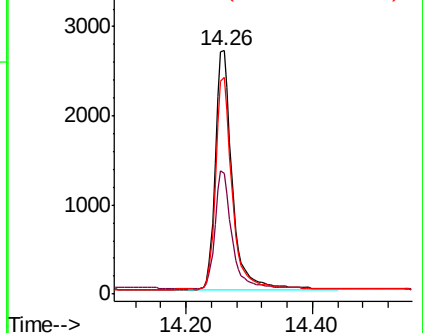
154 88.9 71.6 107.4

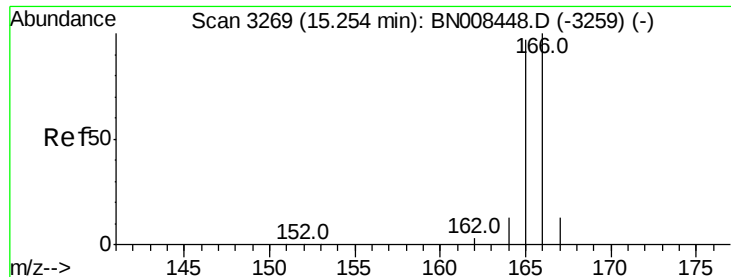


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

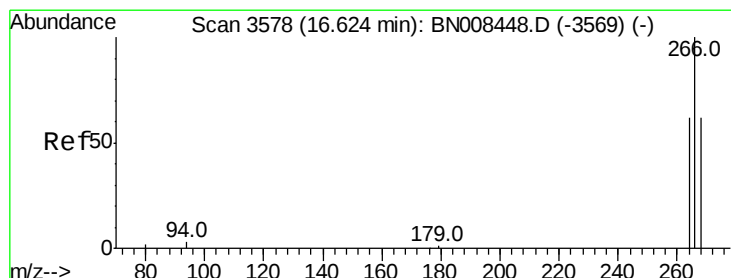
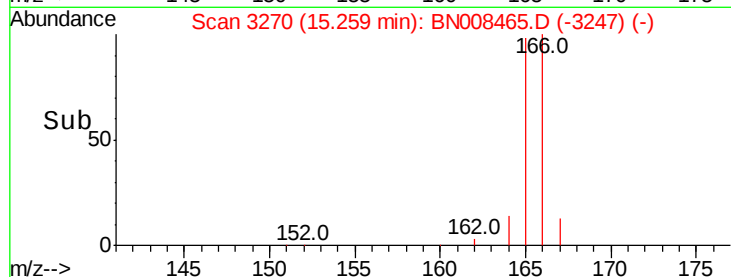
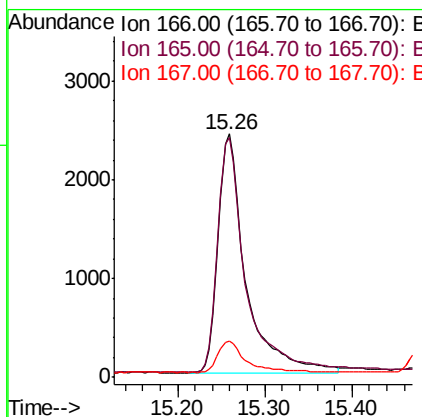
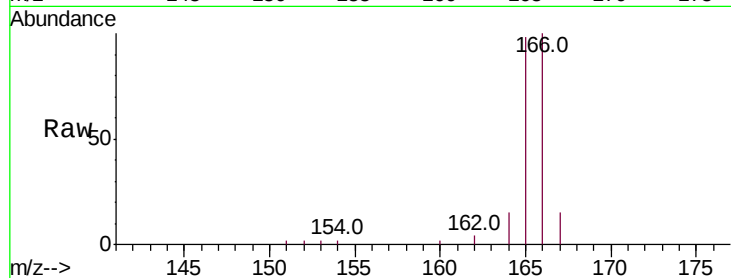




#9
Fluorene
 Concen: 0.376 ng/ul
 RT: 15.26 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BN008465.D
 Acq: 06 Nov 2019 09:59

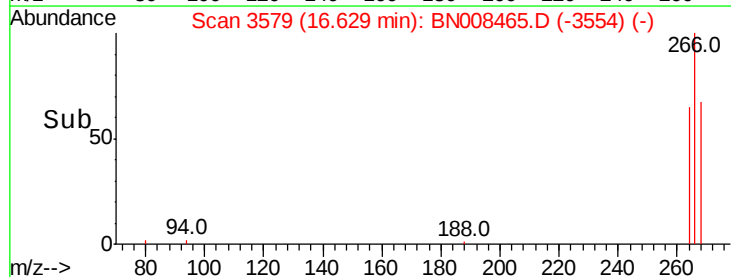
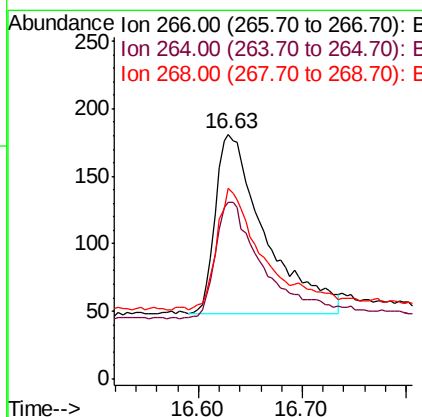
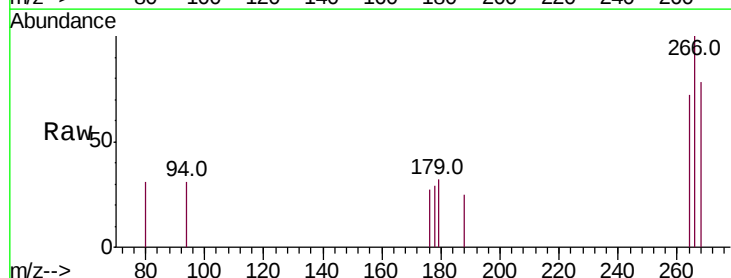
Instrument :
 BNA_N
 ClientSampleId :

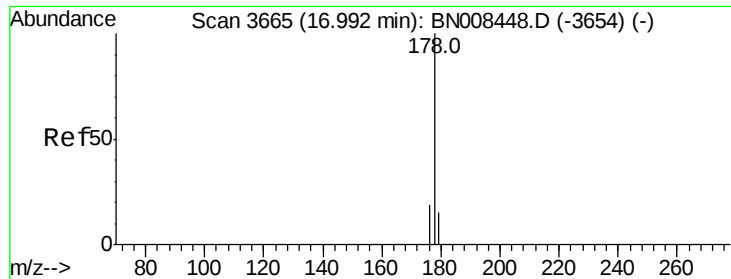
Tot Ion:166 Resp: 5340
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.2 117.2
 167 15.1 12.1 18.1



#11
Pentachlorophenol
 Concen: 0.309 ng/ul
 RT: 16.63 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: BN008465.D
 Acq: 06 Nov 2019 09:59

Tgt Ion:266 Resp: 443
 Ion Ratio Lower Upper
 266 100
 264 65.5 49.8 74.8
 268 64.3 51.0 76.6





#12

Phenanthrene

Concen: 0.410 ng/ul

RT: 16.99 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

Instrument :

BNA_N

ClientSampleId :

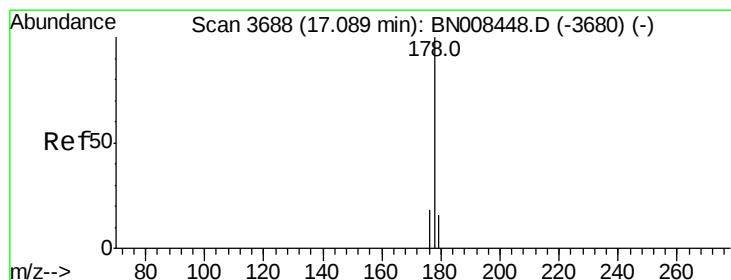
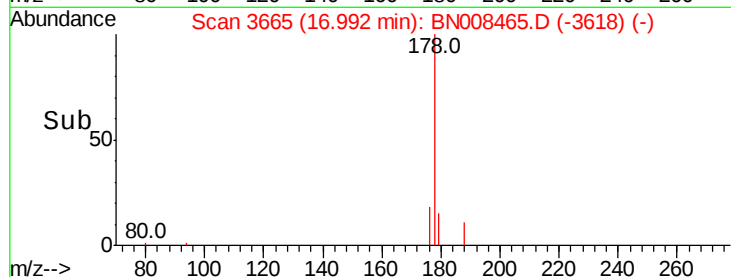
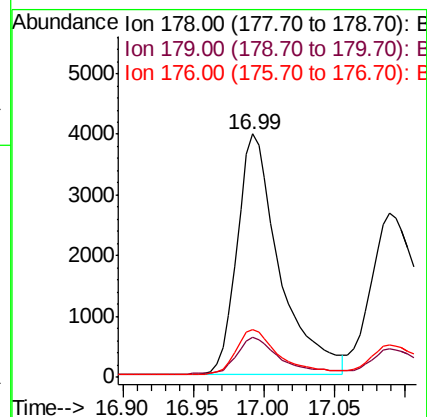
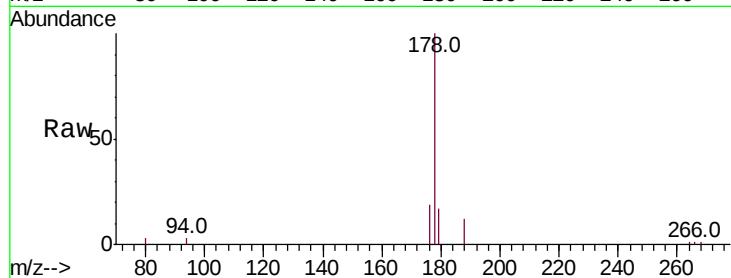
Tot Ion:178 Resp: 8201

Ion Ratio Lower Upper

178 100

179 16.7 13.2 19.8

176 19.5 15.6 23.4



#13

Anthracene

Concen: 0.393 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

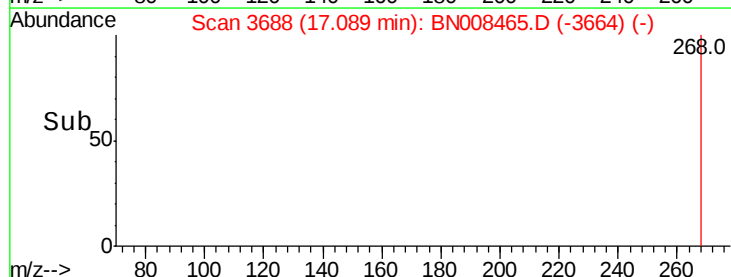
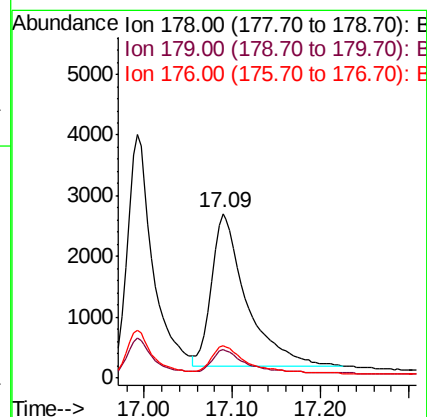
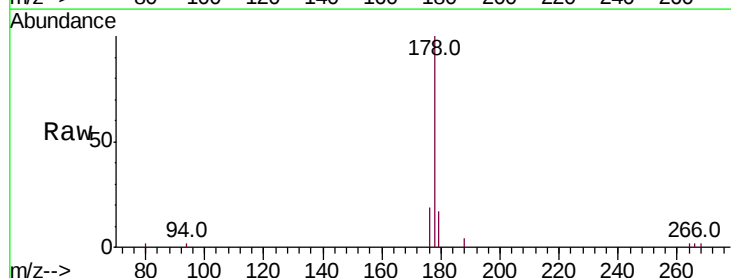
Tgt Ion:178 Resp: 6883

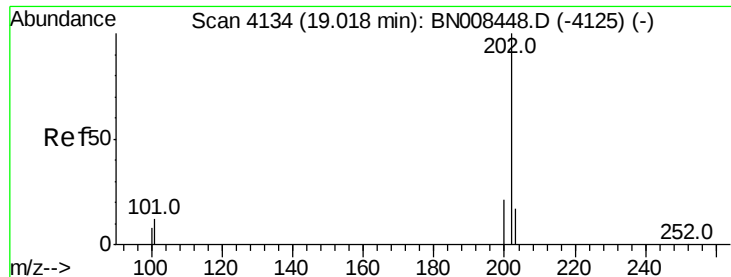
Ion Ratio Lower Upper

178 100

179 17.4 13.7 20.5

176 19.5 15.7 23.5





#15

Fluoranthene

Concen: 0.426 ng/ul

RT: 19.02 min Scan# 4134

Delta R.T. 0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

Instrument :

BNA_N

ClientSampleId :

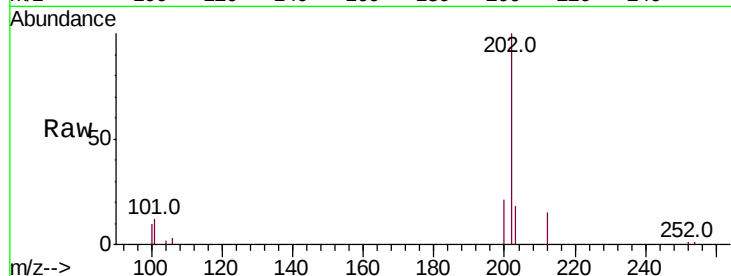
Tot Ion:202 Resp: 9780

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.0

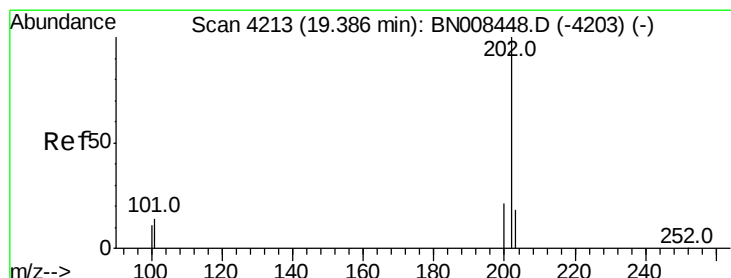
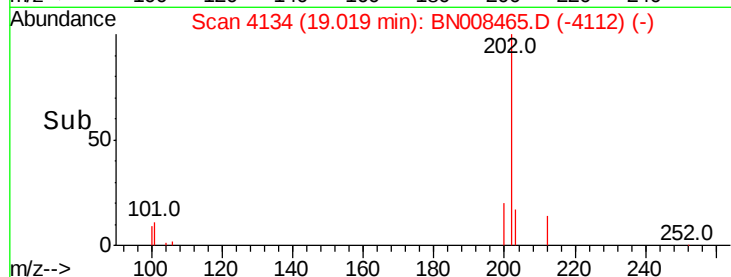
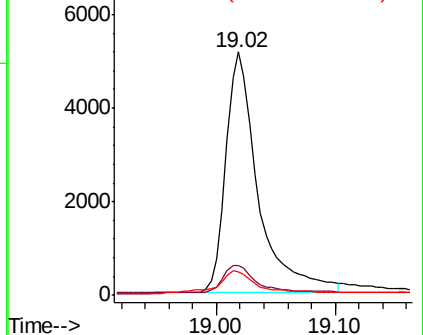
100 9.7 0.0 30.2



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: 19.39 min Scan# 4213

Delta R.T. 0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

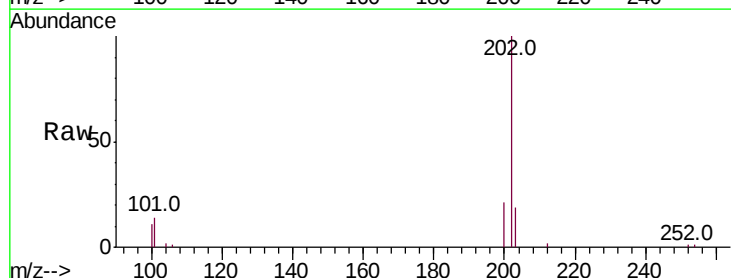
Tgt Ion:202 Resp: 10319

Ion Ratio Lower Upper

202 100

101 14.3 11.6 17.4

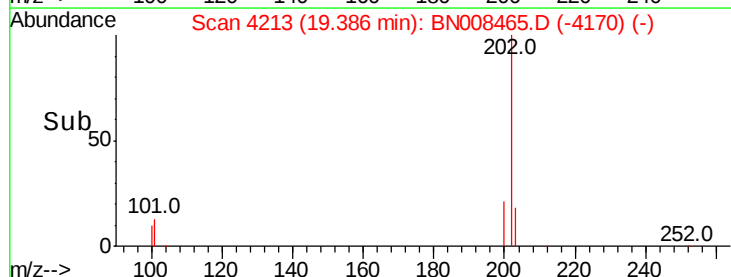
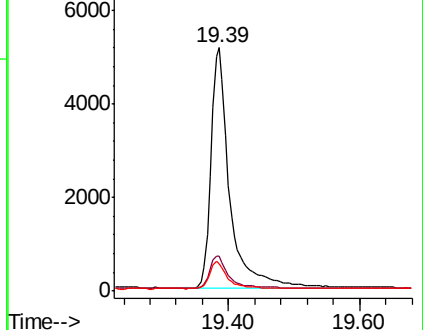
100 11.3 9.4 14.0

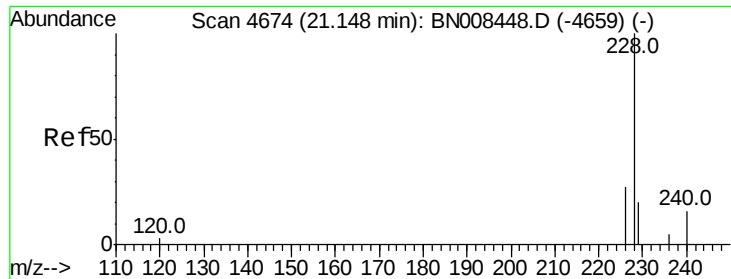


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

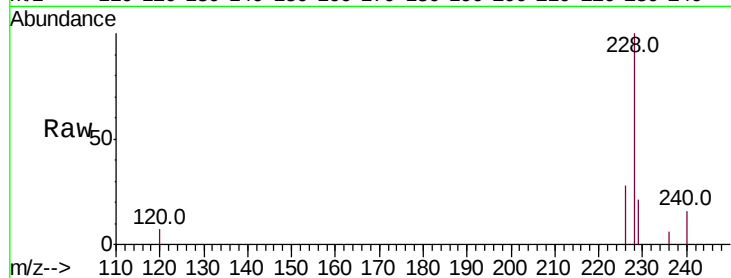




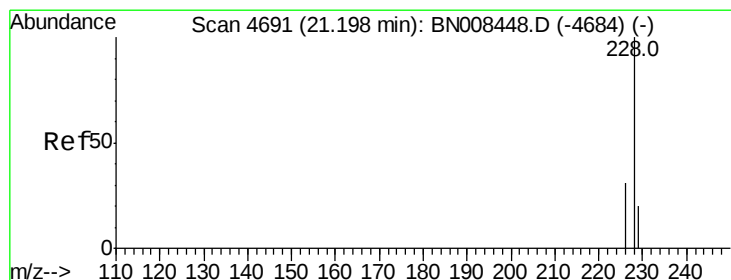
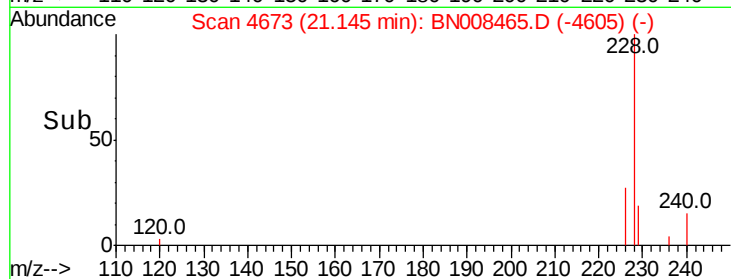
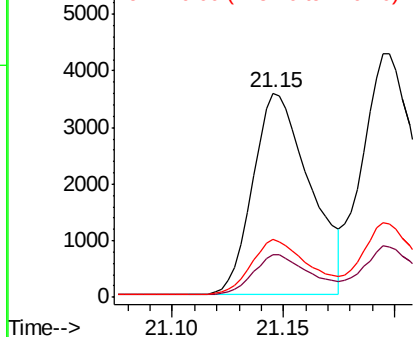
#18
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. -0.00 min
Lab File: BN008465.D
Acq: 06 Nov 2019 09:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 6379
Ion Ratio Lower Upper
228 100
229 20.7 16.6 24.8
226 28.2 22.8 34.2

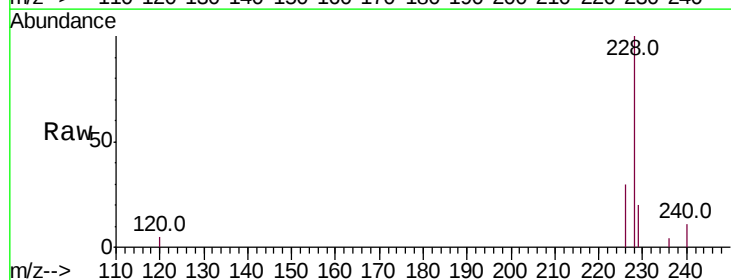


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

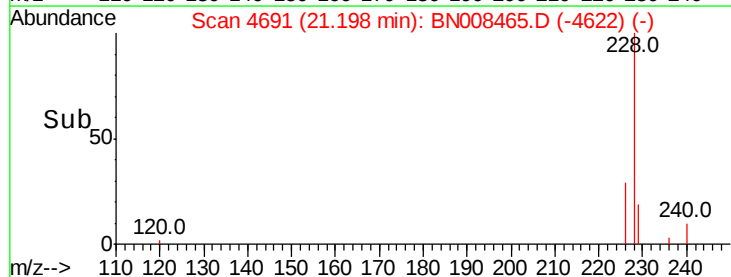
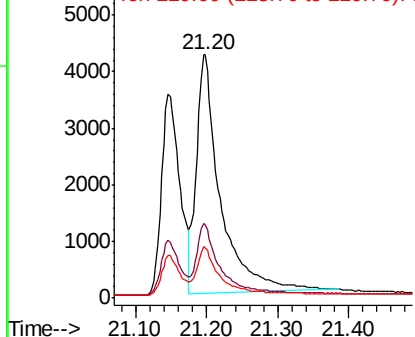


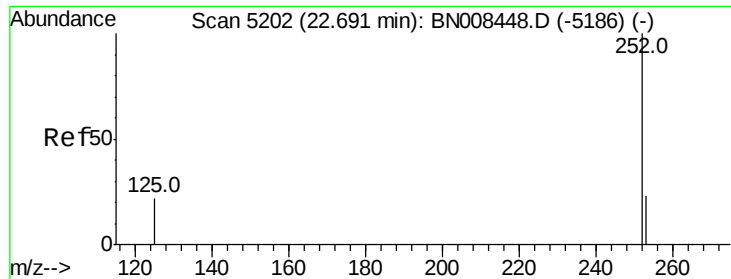
#19
Chrysene
Concen: 0.447 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN008465.D
Acq: 06 Nov 2019 09:59

Tgt Ion:228 Resp: 9904
Ion Ratio Lower Upper
228 100
226 30.3 24.9 37.3
229 20.4 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: 0.458 ng/ul

RT: 22.69 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

Instrument :

BNA_N

ClientSampleId :

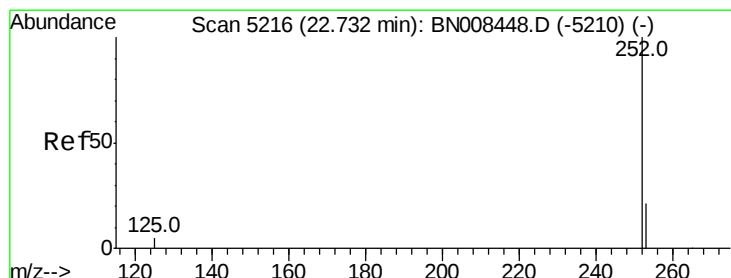
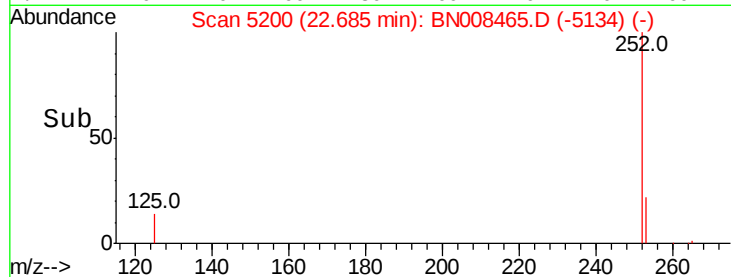
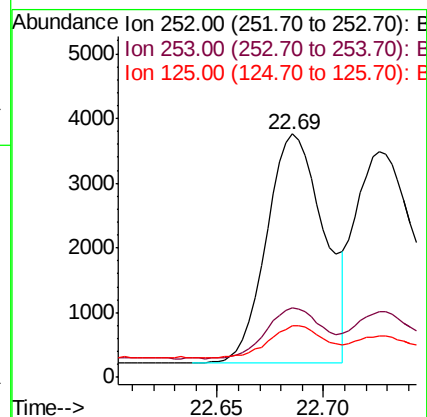
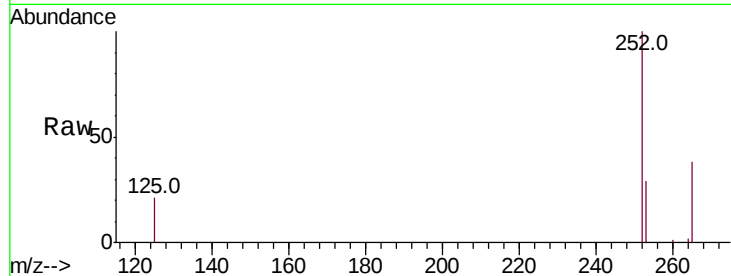
Tot Ion:252 Resp: 6645

Ion Ratio Lower Upper

252 100

253 28.7 0.0 58.4

125 21.1 0.0 58.6



#22

Benzo(k)fluoranthene

Concen: 0.477 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.01 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

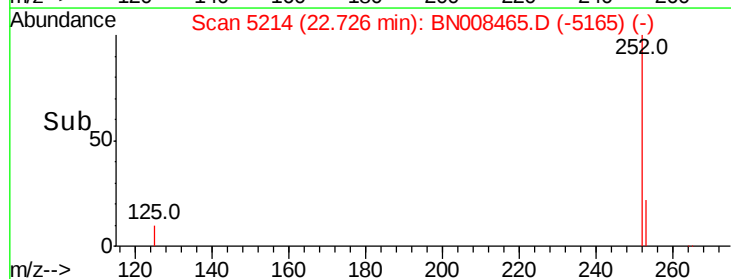
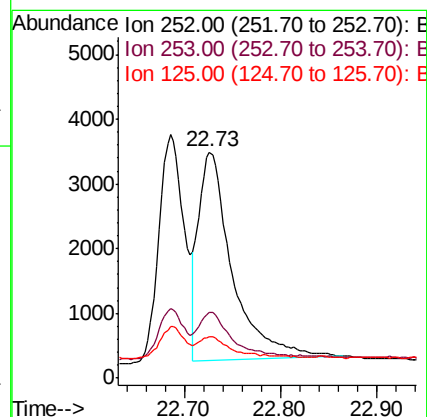
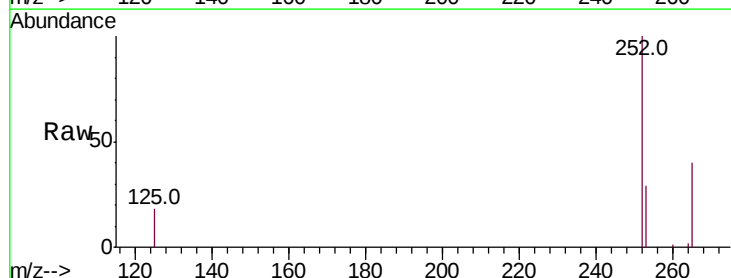
Tgt Ion:252 Resp: 7871

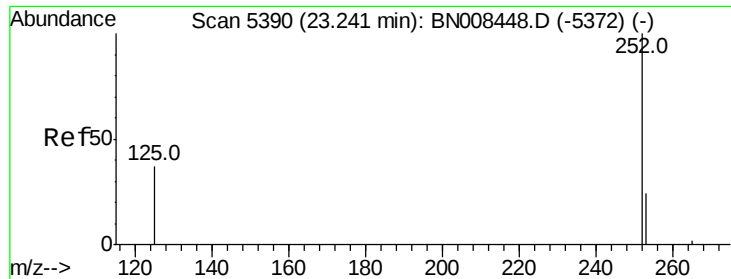
Ion Ratio Lower Upper

252 100

253 28.8 22.6 34.0

125 18.1 14.7 22.1





#23

Benzo(a)pyrene

Concen: 0.444 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. 0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

Instrument :

BNA_N

ClientSampleId :

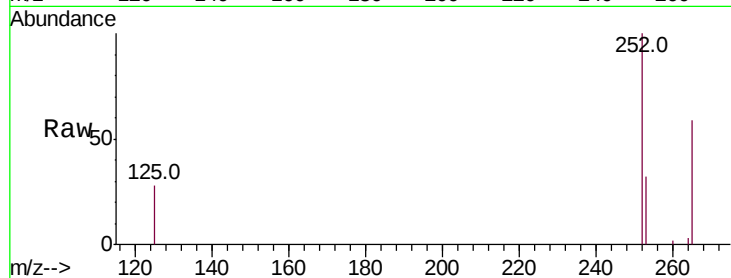
Tot Ion:252 Resp: 6481

Ion Ratio Lower Upper

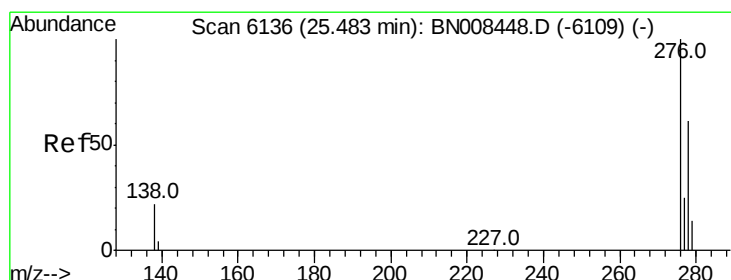
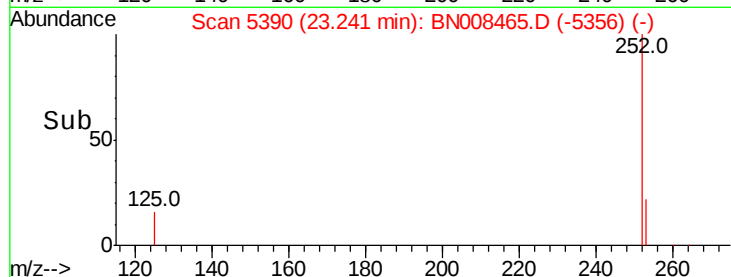
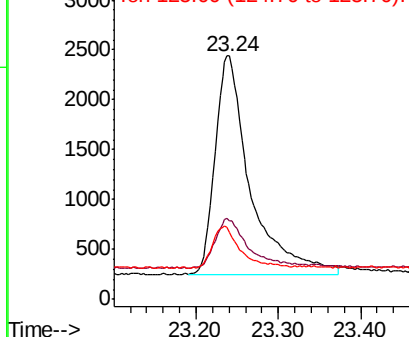
252 100

253 32.4 27.2 40.8

125 27.8 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: 0.438 ng/ul

RT: 25.48 min Scan# 6135

Delta R.T. -0.00 min

Lab File: BN008465.D

Acq: 06 Nov 2019 09:59

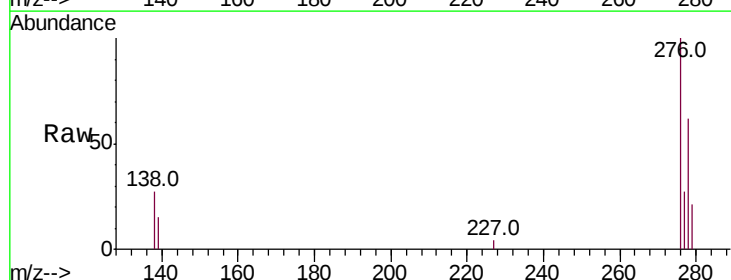
Tgt Ion:276 Resp: 7276

Ion Ratio Lower Upper

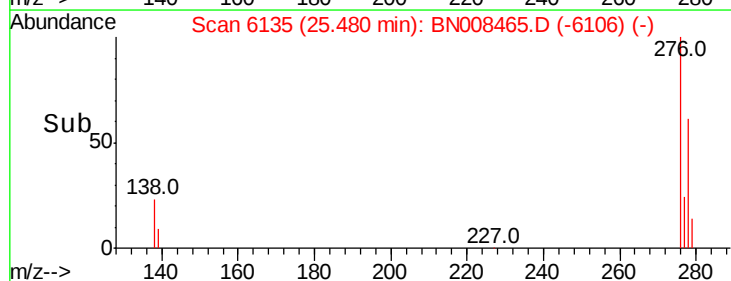
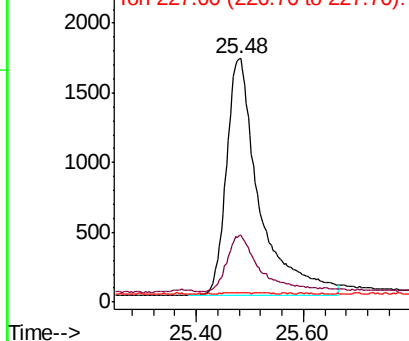
276 100

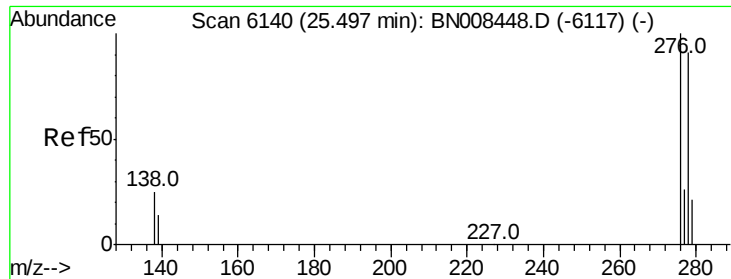
138 24.0 18.3 27.5

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

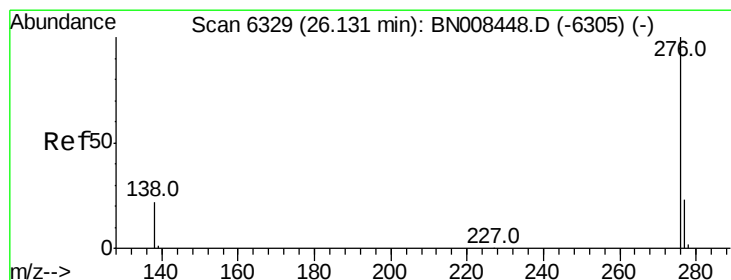
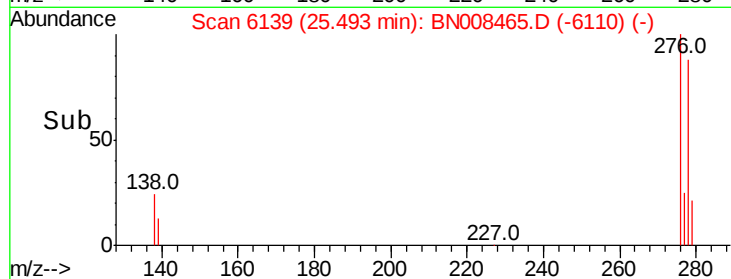
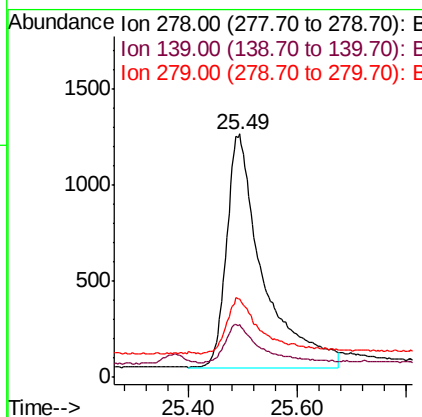
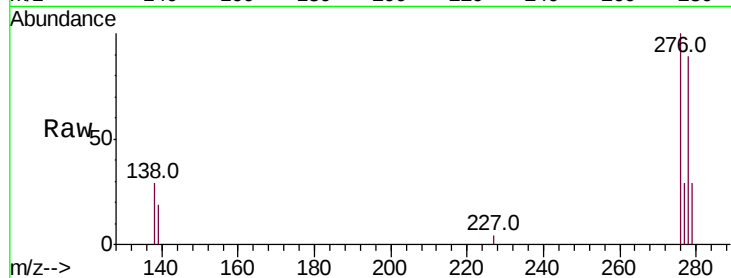




#25
Dibenzo(a,h)anthracene
Concen: 0.427 ng/u1
RT: 25.49 min Scan# 6139
Delta R.T. -0.00 min
Lab File: BN008465.D
Acq: 06 Nov 2019 09:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5620
Ion Ratio Lower Upper
278 100
139 21.6 17.6 26.4
279 32.3 25.1 37.7



#26
Benzo(g,h,i)perylene
Concen: 0.456 ng/u1
RT: 26.12 min Scan# 6326
Delta R.T. -0.01 min
Lab File: BN008465.D
Acq: 06 Nov 2019 09:59

Tgt Ion:276 Resp: 6782
Ion Ratio Lower Upper
276 100
138 24.7 20.1 30.1
277 25.8 20.6 31.0

