

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008442.D
 Acq On : 05 Nov 2019 11:55
 Operator : JU
 Sample : SST00.101
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 10:50:33 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

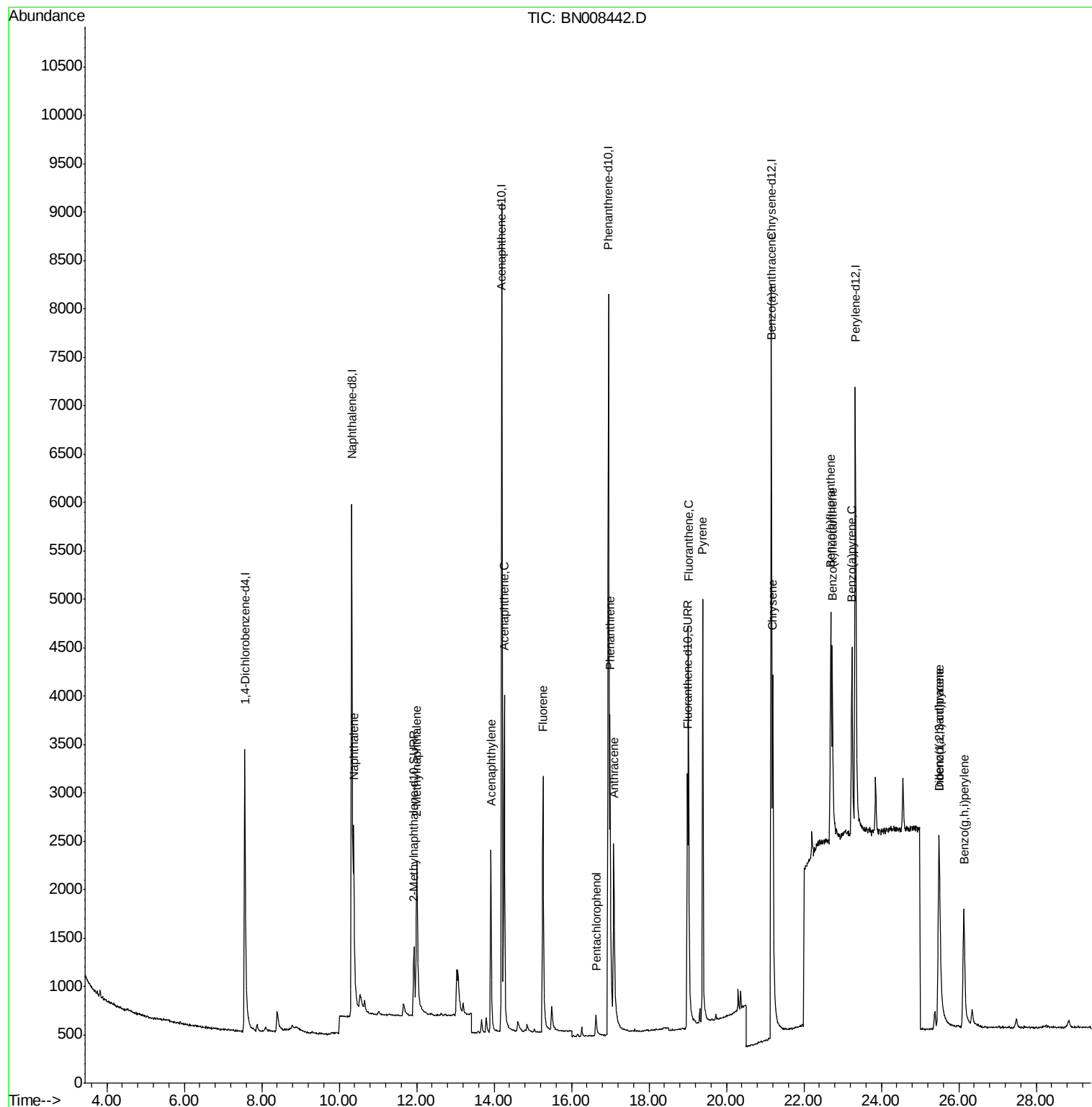
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2247	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	9636	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	5533	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	11562	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	8078	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	7411	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1560	0.10	ng/ul	0.01
14) Fluoranthene-d10	18.99	212	3561	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	2898	0.106	ng/ul	95
5) 2-Methylnaphthalene	12.01	142	1873	0.100	ng/ul	99
7) Acenaphthylene	13.92	152	2670	0.101	ng/ul	96
8) Acenaphthene	14.26	153	2185	0.107	ng/ul	98
9) Fluorene	15.26	166	2349	0.101	ng/ul	96
11) Pentachlorophenol	16.62	266	247	0.088	ng/ul	99
12) Phenanthrene	16.99	178	3669	0.108	ng/ul	97
13) Anthracene	17.09	178	3066	0.103	ng/ul	96
15) Fluoranthene	19.02	202	4142	0.093	ng/ul	97
17) Pyrene	19.39	202	4369	0.136	ng/ul	98
18) Benzo(a)anthracene	21.15	228	2973	0.101	ng/ul	98
19) Chrysene	21.20	228	3882	0.108	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	2783	0.115	ng/ul	78
22) Benzo(k)fluoranthene	22.73	252	3291	0.120	ng/ul#	82
23) Benzo(a)pyrene	23.24	252	2926	0.115	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.48	276	3338	0.112	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	2613	0.111	ng/ul#	82
26) Benzo(g,h,i)perylene	26.13	276	3020	0.110	ng/ul	91

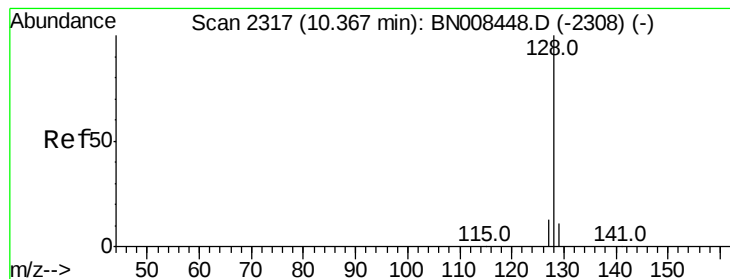
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
Data File : BN008442.D
Acq On : 05 Nov 2019 11:55
Operator : JU
Sample : SST0.101
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Nov 07 10:50:33 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





#3

Naphthalene

Concen: 0.106 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

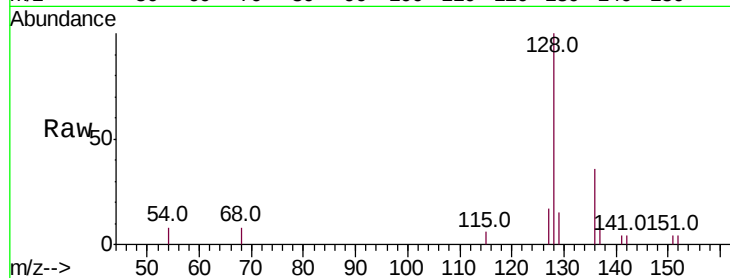
Tot Ion:128 Resp: 2898

Ion Ratio Lower Upper

128 100

129 14.6 10.0 15.0

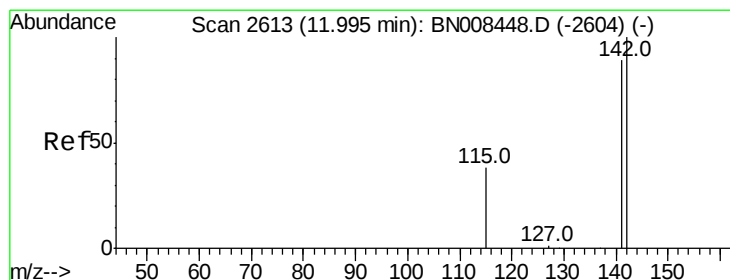
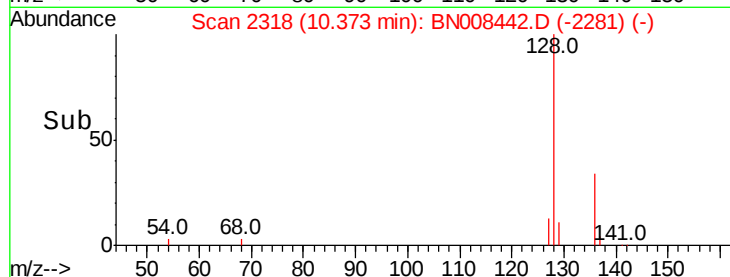
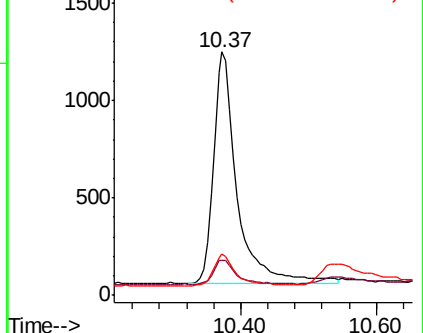
127 16.8 11.6 17.4



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: 0.100 ng/ul

RT: 12.01 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BN008442.D

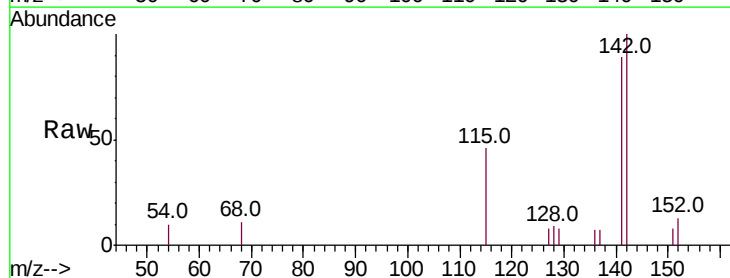
Acq: 05 Nov 2019 11:55

Tgt Ion:142 Resp: 1873

Ion Ratio Lower Upper

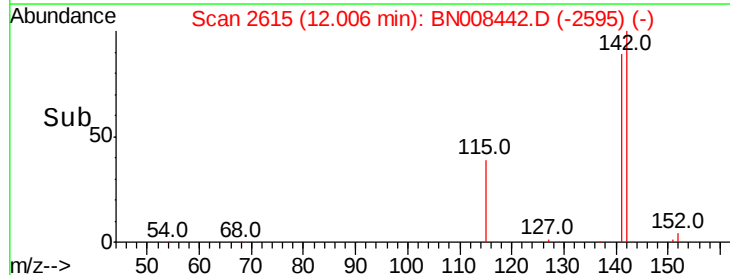
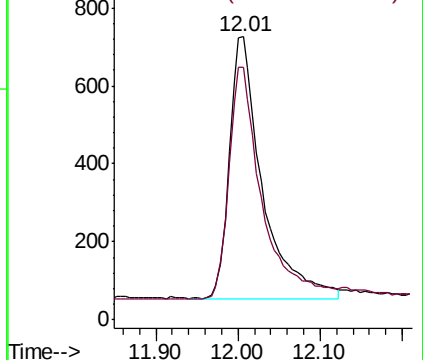
142 100

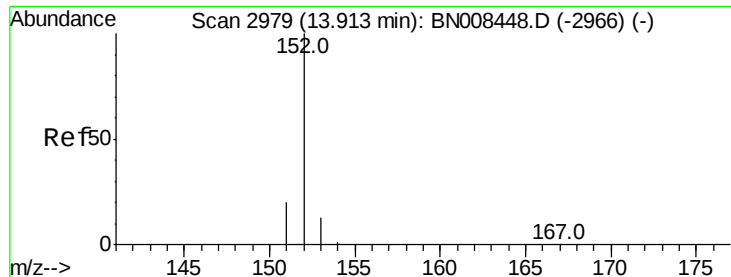
141 90.2 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.101 ng/ul

RT: 13.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

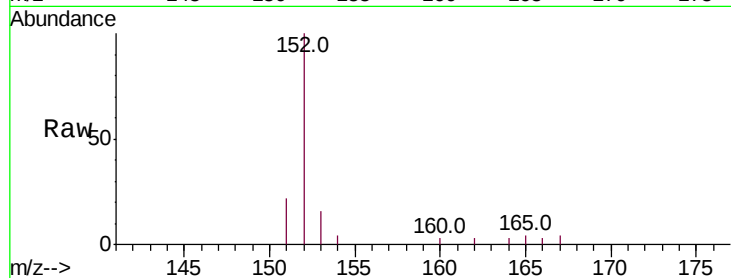
Tot Ion:152 Resp: 2670

Ion Ratio Lower Upper

152 100

151 22.5 16.7 25.1

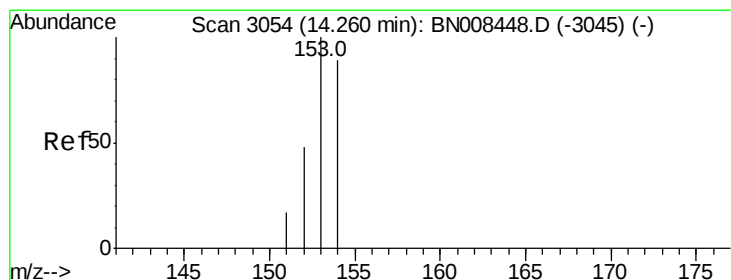
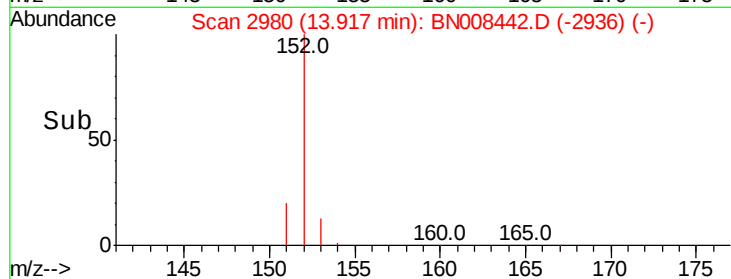
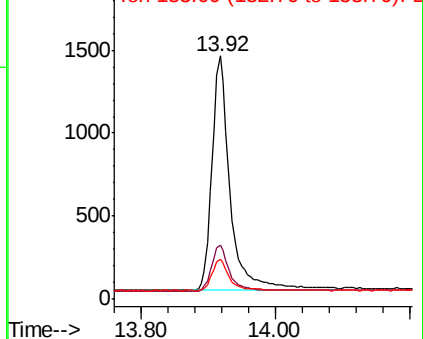
153 16.4 11.4 17.2



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: 0.107 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

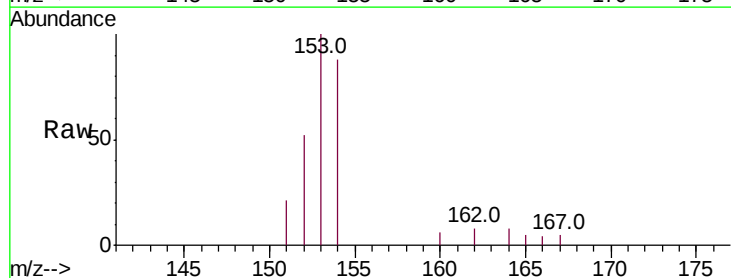
Tgt Ion:153 Resp: 2185

Ion Ratio Lower Upper

153 100

152 51.7 39.8 59.8

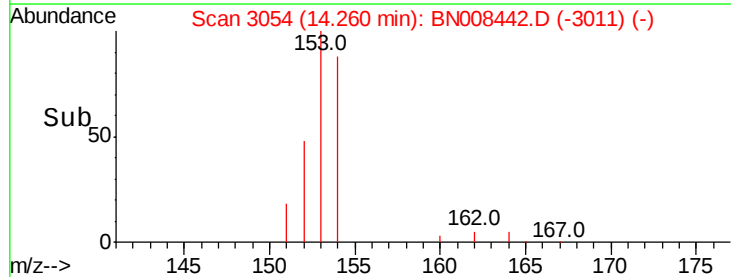
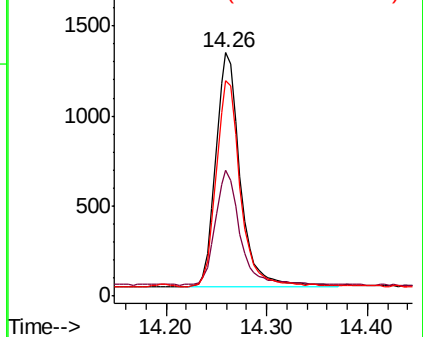
154 88.4 71.6 107.4

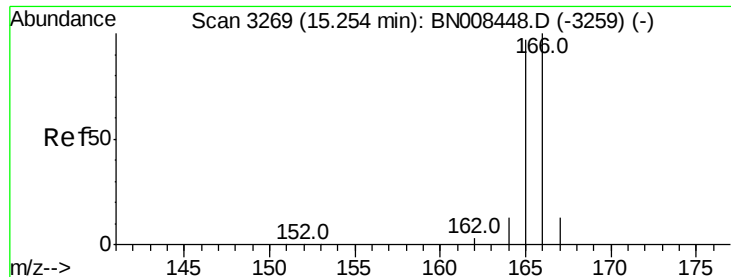


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.101 ng/ul

RT: 15.26 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

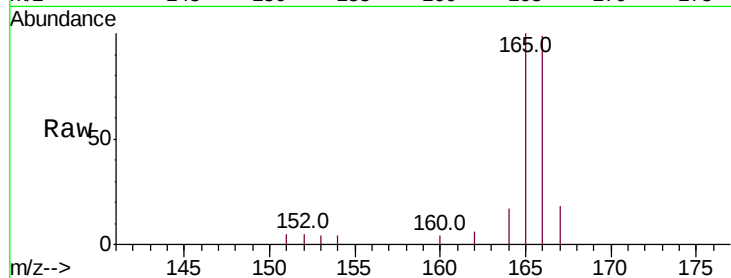
Tot Ion:166 Resp: 2349

Ion Ratio Lower Upper

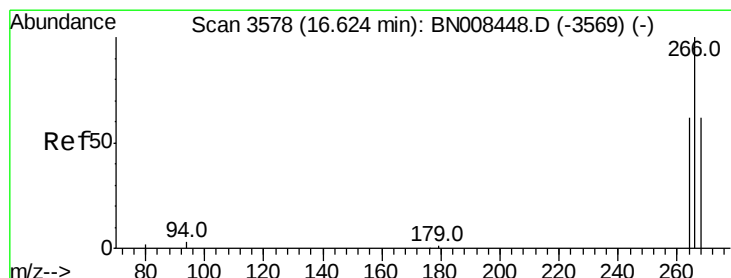
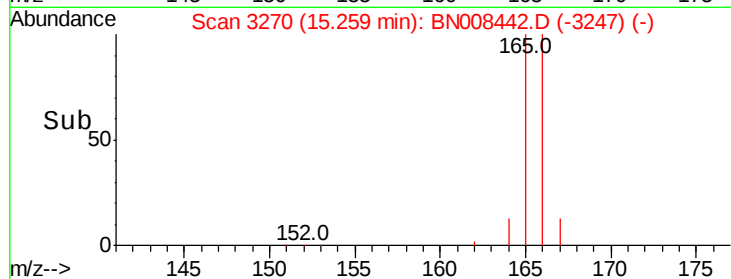
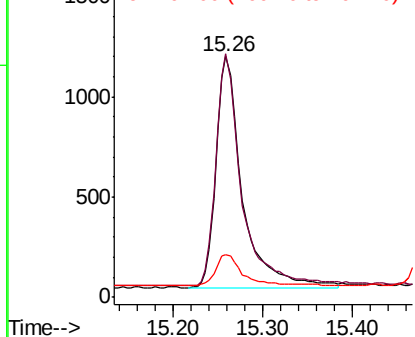
166 100

165 101.3 78.2 117.2

167 17.9 12.1 18.1



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: 0.088 ng/ul

RT: 16.62 min Scan# 3578

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

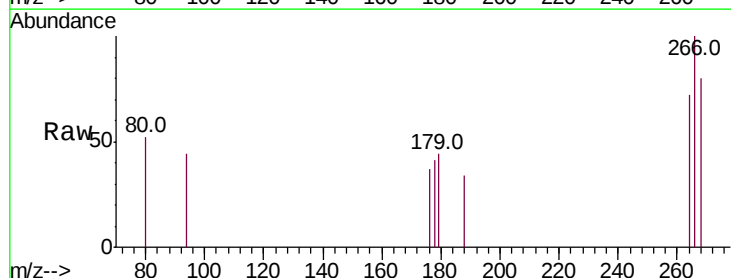
Tgt Ion:266 Resp: 247

Ion Ratio Lower Upper

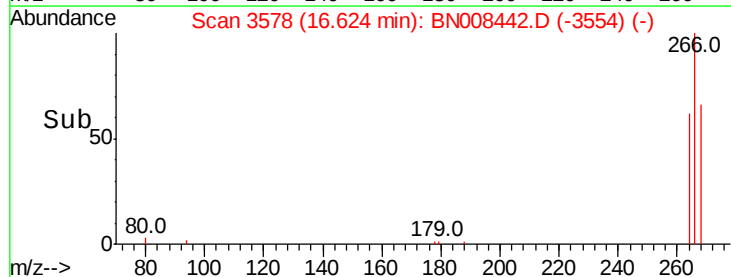
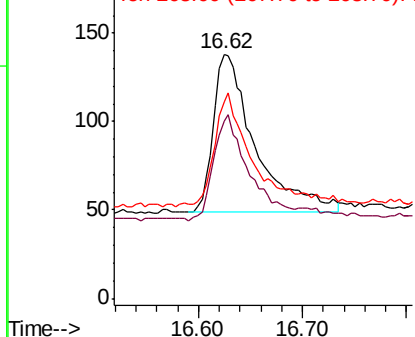
266 100

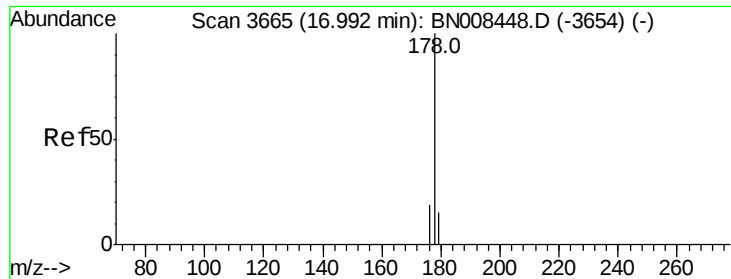
264 63.6 49.8 74.8

268 62.8 51.0 76.6



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: 0.108 ng/ul

RT: 16.99 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

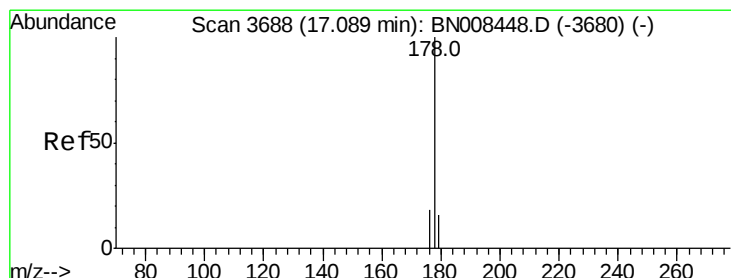
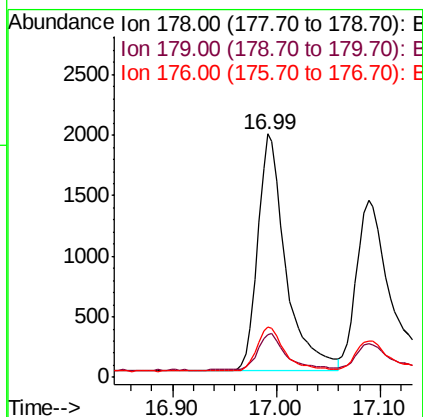
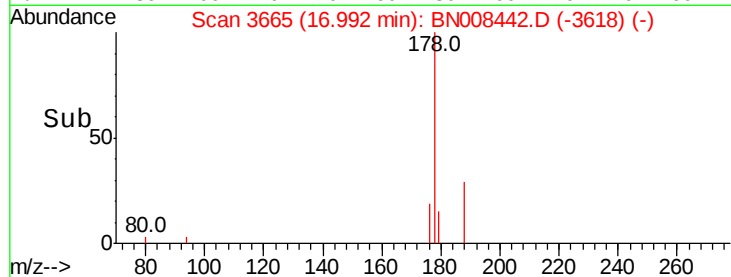
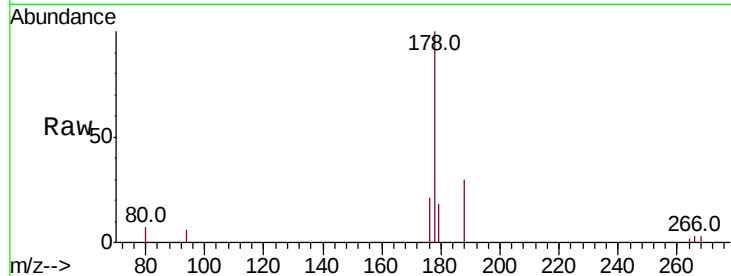
Tot Ion:178 Resp: 3669

Ion Ratio Lower Upper

178 100

179 17.8 13.2 19.8

176 20.8 15.6 23.4



#13

Anthracene

Concen: 0.103 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

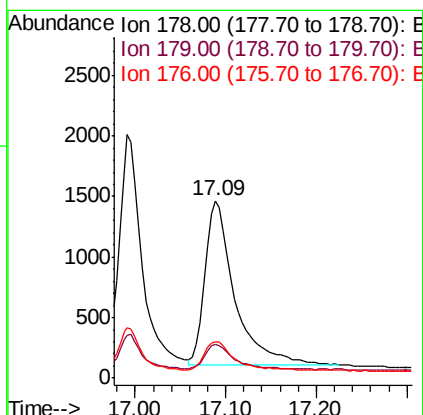
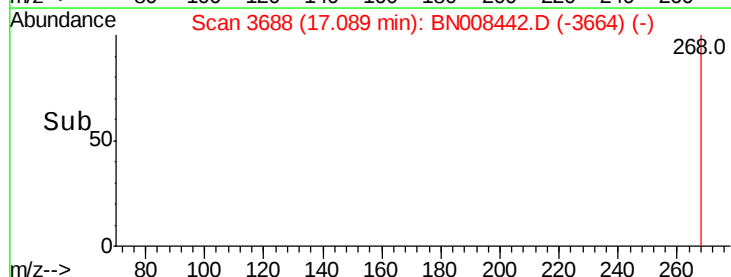
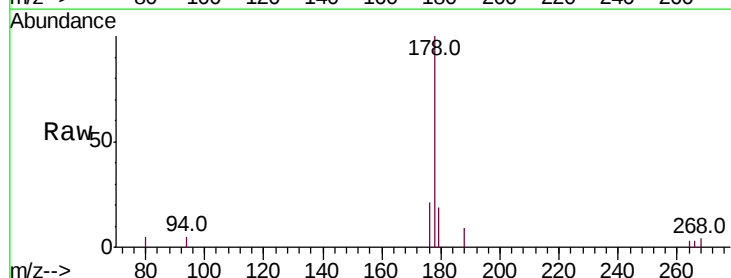
Tgt Ion:178 Resp: 3066

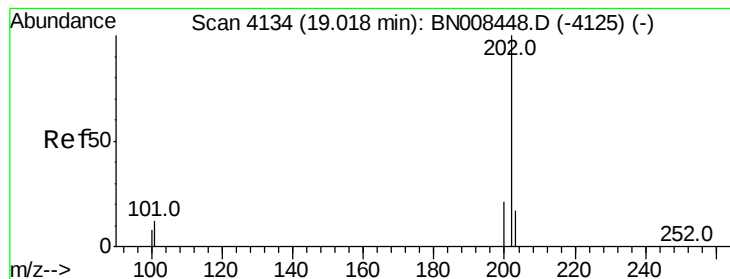
Ion Ratio Lower Upper

178 100

179 19.2 13.7 20.5

176 20.7 15.7 23.5





#15

Fluoranthene

Concen: 0.093 ng/ul

RT: 19.02 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

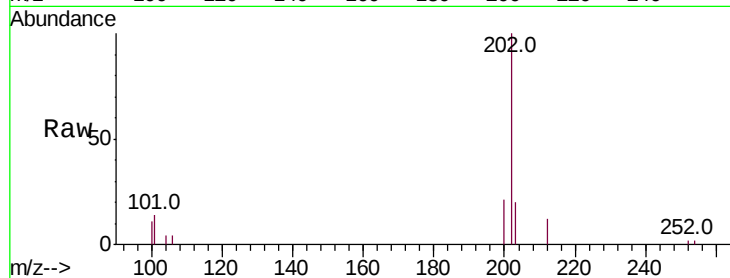
Tot Ion:202 Resp: 4142

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.0

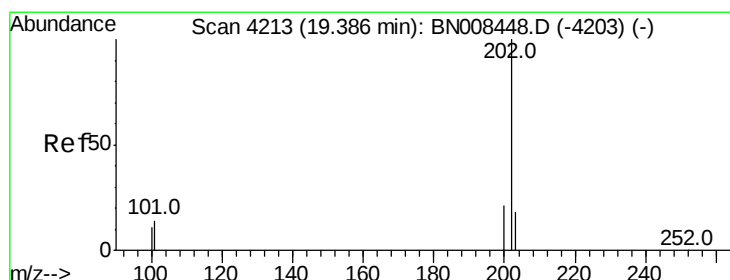
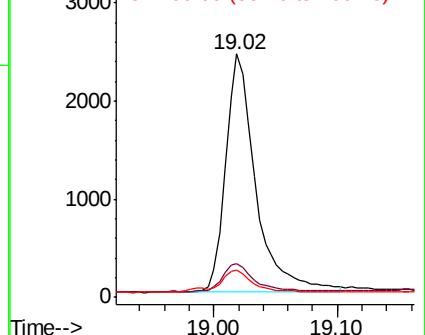
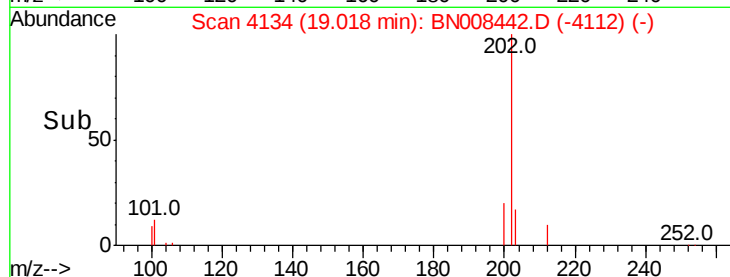
100 11.2 0.0 30.2



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: 0.136 ng/ul

RT: 19.39 min Scan# 4213

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

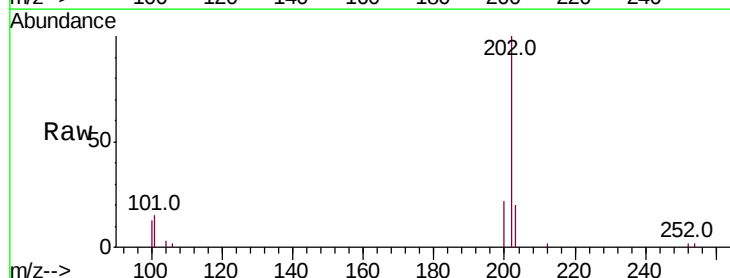
Tgt Ion:202 Resp: 4369

Ion Ratio Lower Upper

202 100

101 15.5 11.6 17.4

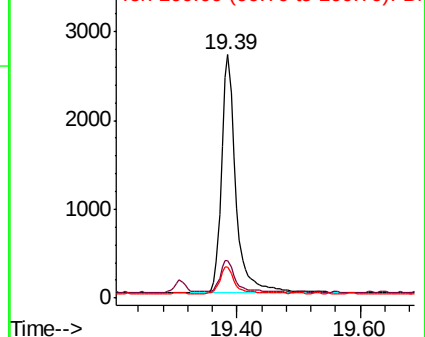
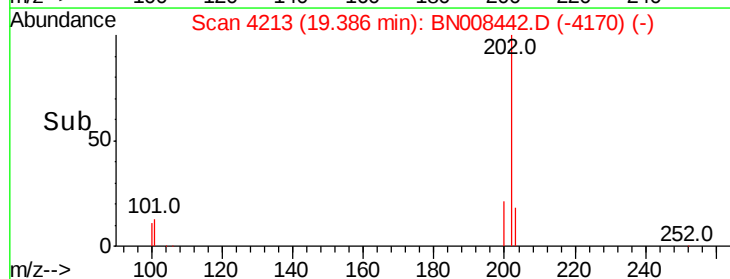
100 12.7 9.4 14.0

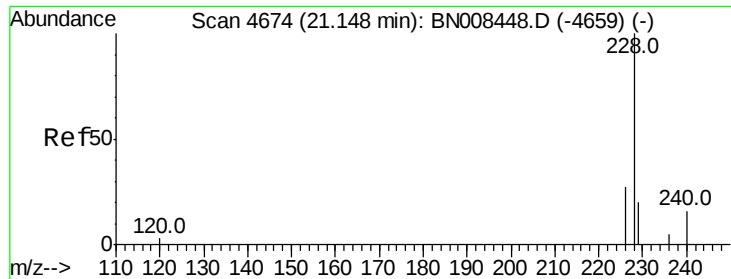


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.101 ng/ul

RT: 21.15 min Scan# 4673

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

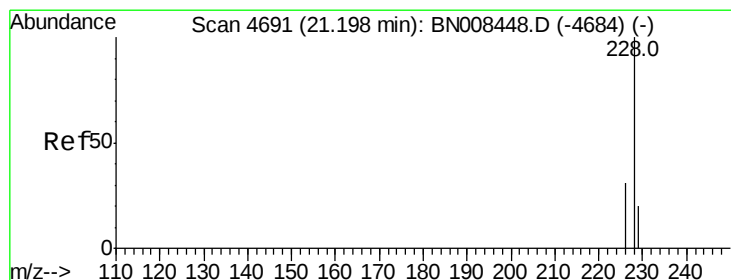
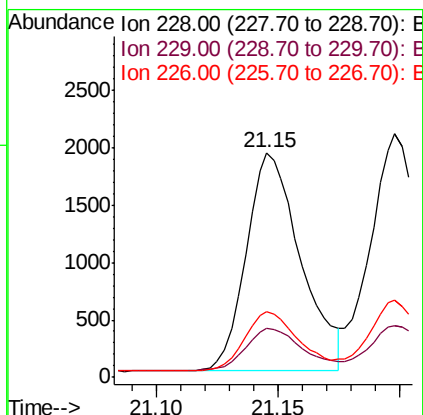
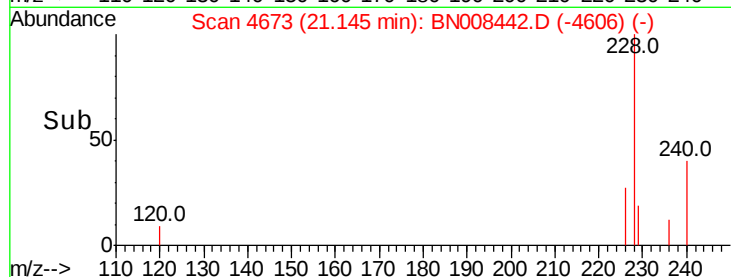
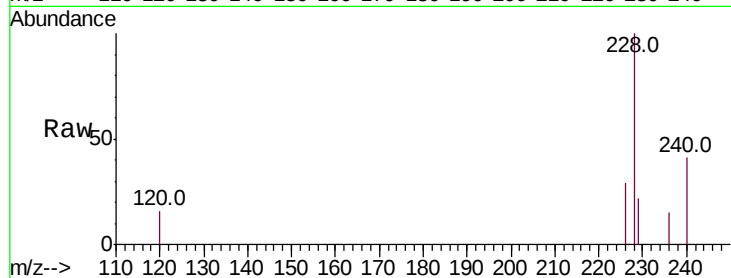
Tot Ion:228 Resp: 2973

Ion Ratio Lower Upper

228 100

229 21.8 16.6 24.8

226 29.0 22.8 34.2



#19

Chrysene

Concen: 0.108 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

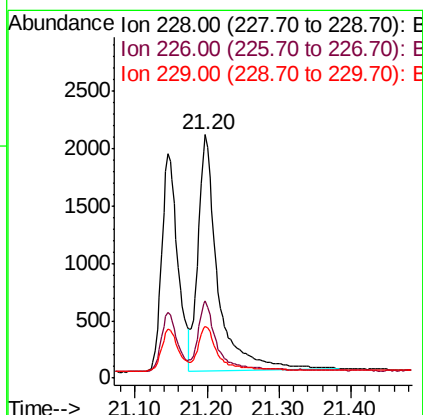
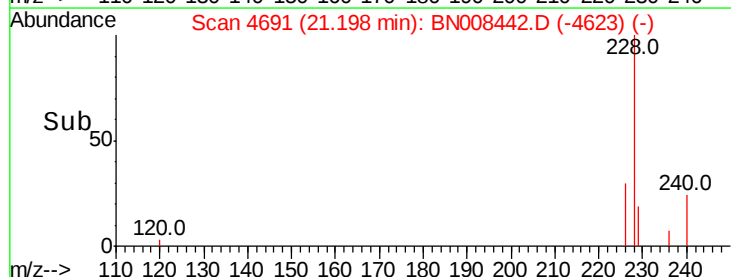
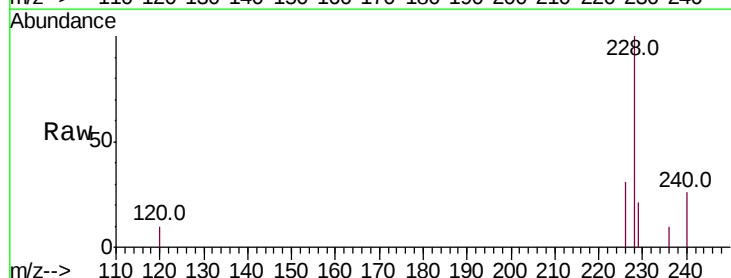
Tgt Ion:228 Resp: 3882

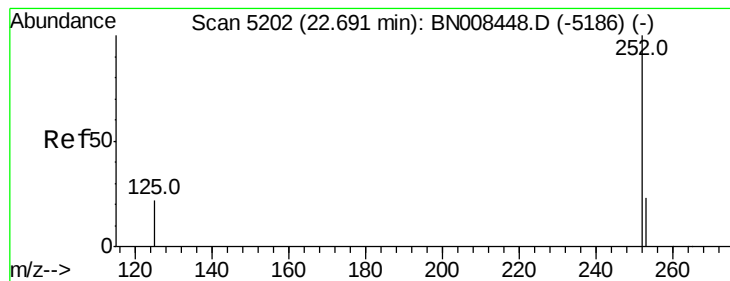
Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 21.3 16.6 25.0





#21

Benzo(b)fluoranthene

Concen: 0.115 ng/u1

RT: 22.69 min Scan# 5202

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

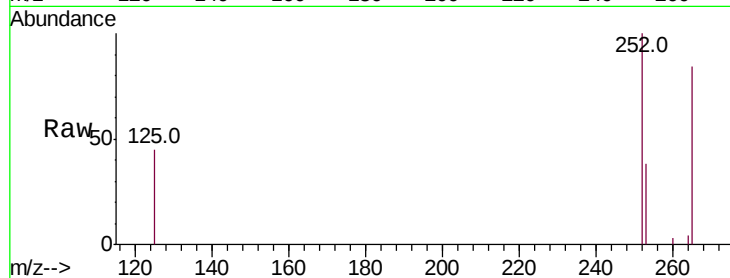
Tot Ion:252 Resp: 2783

Ion Ratio Lower Upper

252 100

253 37.9 0.0 58.4

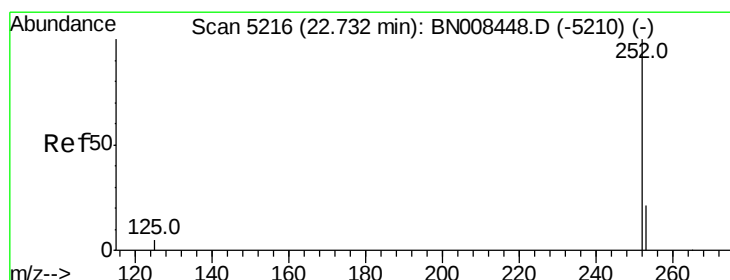
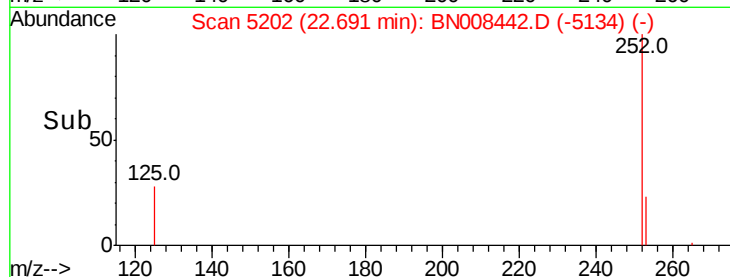
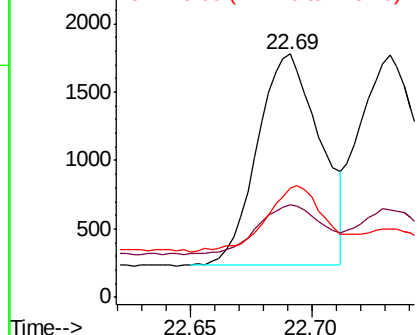
125 44.6 0.0 58.6



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: 0.120 ng/u1

RT: 22.73 min Scan# 5216

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

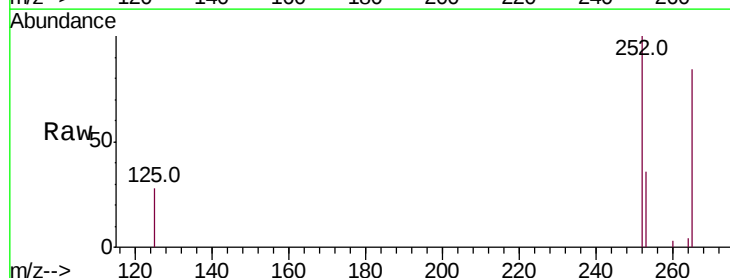
Tgt Ion:252 Resp: 3291

Ion Ratio Lower Upper

252 100

253 36.2 22.6 34.0#

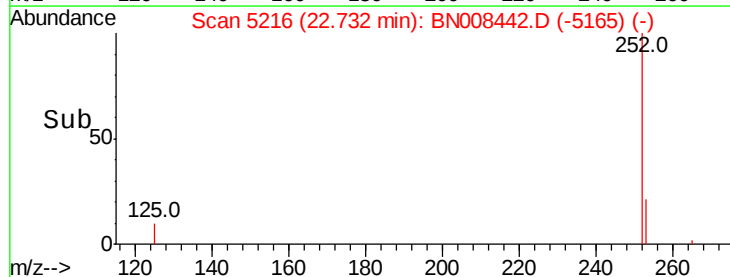
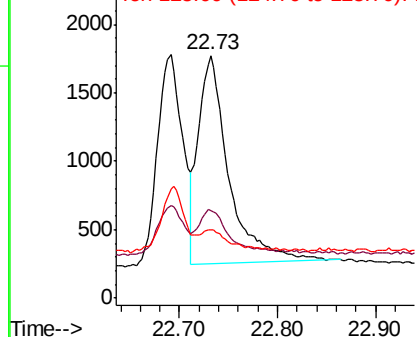
125 28.4 14.7 22.1#

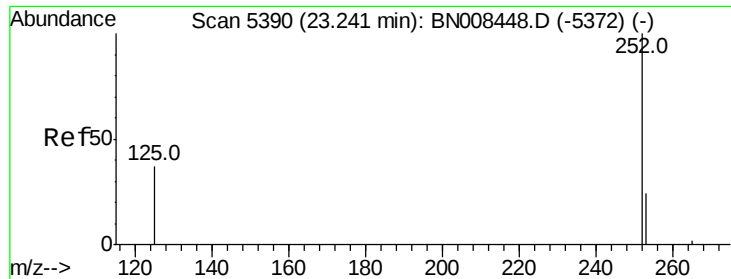


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.115 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

Instrument :

BNA_N

ClientSampleId :

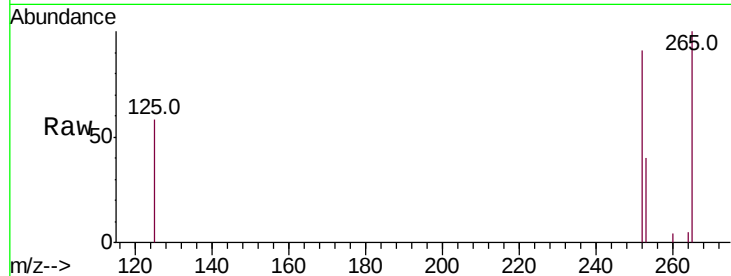
Tot Ion:252 Resp: 2926

Ion Ratio Lower Upper

252 100

253 44.4 27.2 40.8#

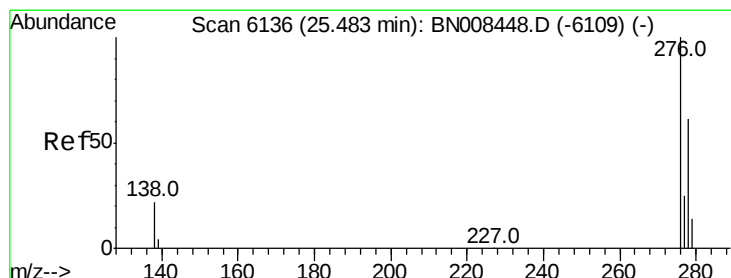
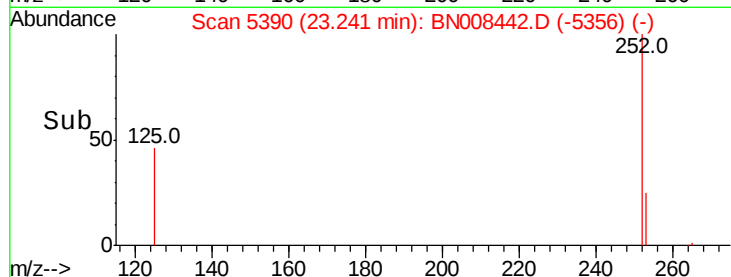
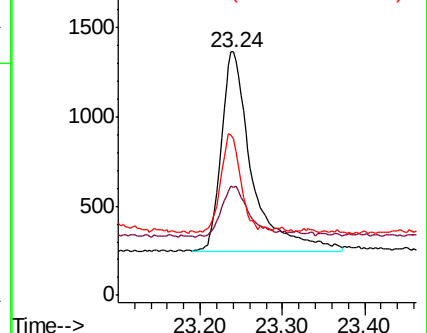
125 64.2 37.0 55.6#



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: 0.112 ng/ul

RT: 25.48 min Scan# 6136

Delta R.T. -0.00 min

Lab File: BN008442.D

Acq: 05 Nov 2019 11:55

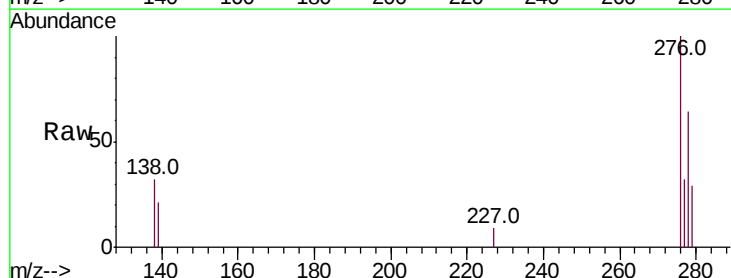
Tgt Ion:276 Resp: 3338

Ion Ratio Lower Upper

276 100

138 21.7 18.3 27.5

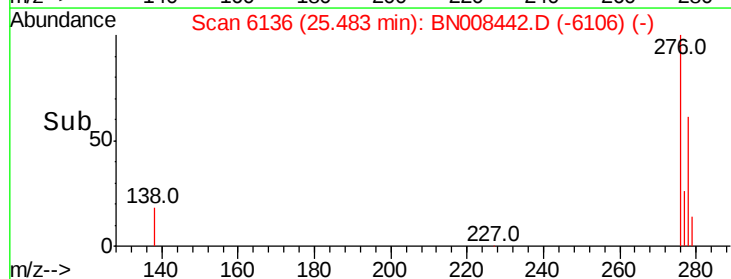
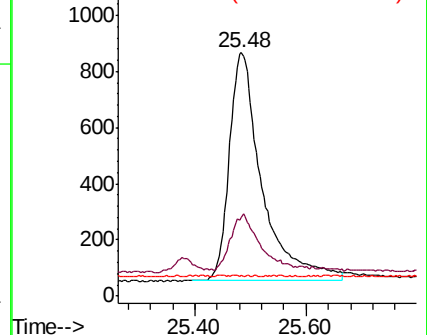
227 0.0 0.0 0.0#

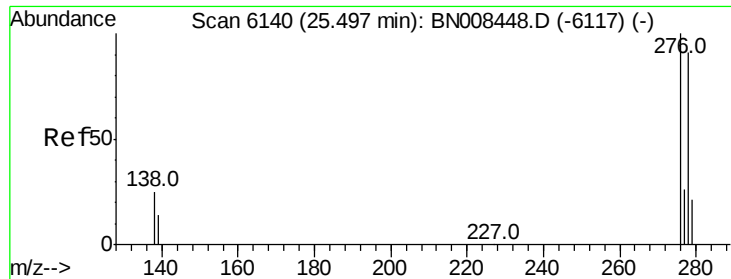


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



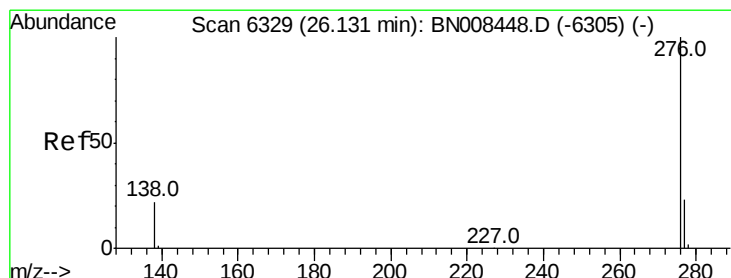
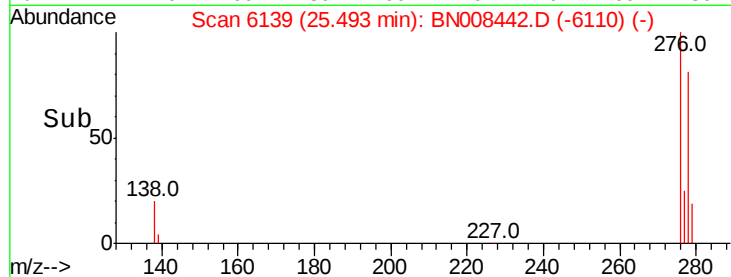
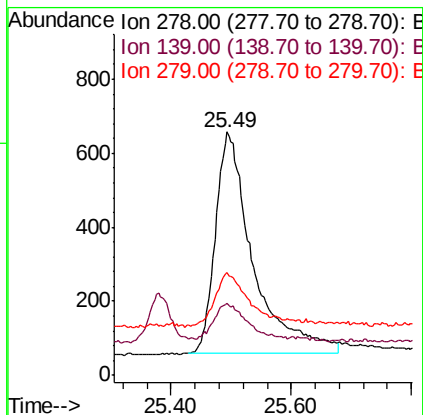
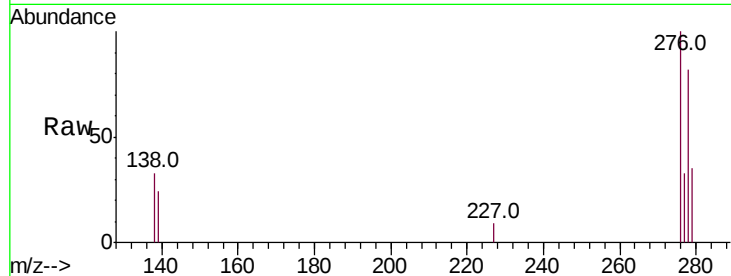


#25

Dibenzo(a,h)anthracene
 Concen: 0.111 ng/ul
 RT: 25.49 min Scan# 6139
 Delta R.T. -0.00 min
 Lab File: BN008442.D
 Acq: 05 Nov 2019 11:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.3	17.6	26.4#
279	41.9	25.1	37.7#



#26

Benzo(g,h,i)perylene
 Concen: 0.110 ng/ul
 RT: 26.13 min Scan# 6329
 Delta R.T. -0.00 min
 Lab File: BN008442.D
 Acq: 05 Nov 2019 11:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	20.1	30.1
277	29.8	20.6	31.0

