

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007491.D
 Acq On : 29 Aug 2019 05:21
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 29 06:42:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 04:22:28 2019
 Response via : Initial Calibration

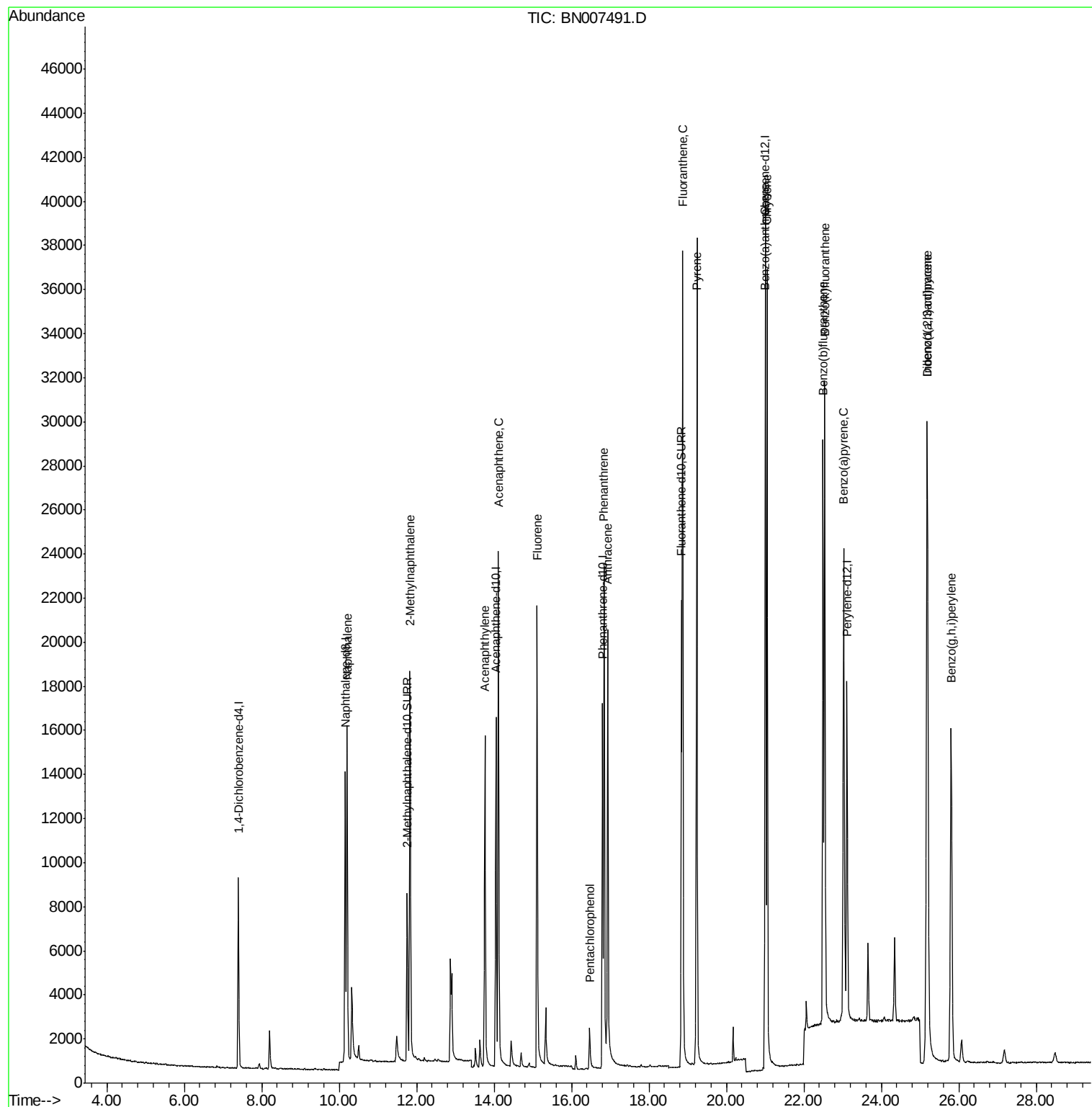
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4448	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	19129	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	9808	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	21342	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	18450	0.40	ng/ul	0.00
20) Perylene-d12	23.11	264	19120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	11726	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	26409	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.20	128	21186	0.392	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	14277	0.393	ng/ul	99
7) Acenaphthylene	13.76	152	20386	0.374	ng/ul	99
8) Acenaphthene	14.11	153	15230	0.388	ng/ul	99
9) Fluorene	15.11	166	16271	0.383	ng/ul	97
11) Pentachlorophenol	16.47	266	1819	0.378	ng/ul	99
12) Phenanthrene	16.84	178	26692	0.401	ng/ul	99
13) Anthracene	16.93	178	25076	0.400	ng/ul	99
15) Fluoranthene	18.87	202	33388	0.375	ng/ul	100
17) Pyrene	19.24	202	34295	0.380	ng/ul	99
18) Benzo(a)anthracene	21.00	228	31311	0.380	ng/ul	99
19) Chrysene	21.05	228	33615	0.380	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	32023	0.383	ng/ul	99
22) Benzo(k)fluoranthene	22.54	252	34805	0.399	ng/ul#	95
23) Benzo(a)pyrene	23.03	252	31607	0.380	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.18	276	36760	0.395	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.19	278	29045	0.394	ng/ul	100
26) Benzo(g,h,i)perylene	25.81	276	30827	0.387	ng/ul	99

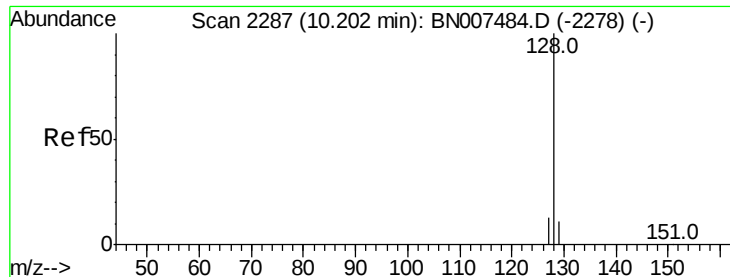
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007491.D
Acq On : 29 Aug 2019 05:21
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 29 06:42:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 04:22:28 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.392 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

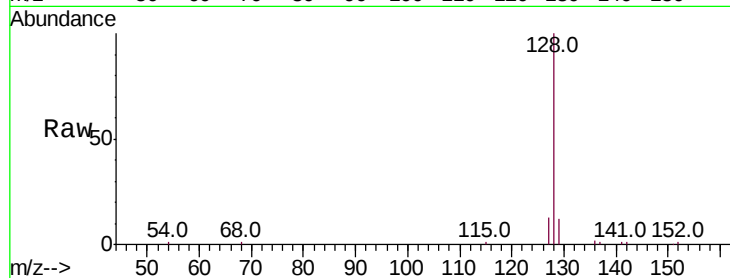
Tot Ion:128 Resp: 21186

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

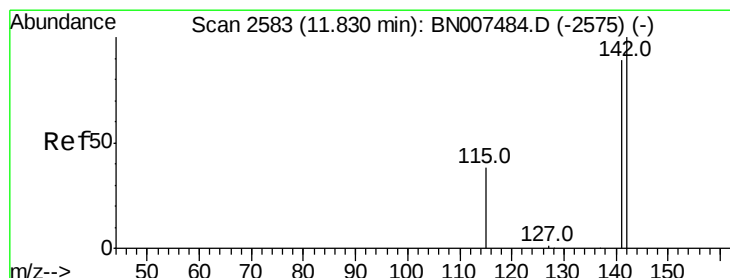
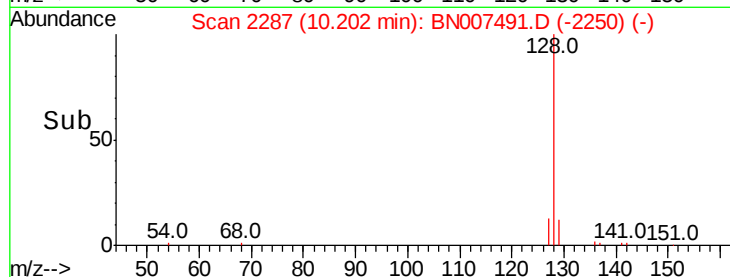
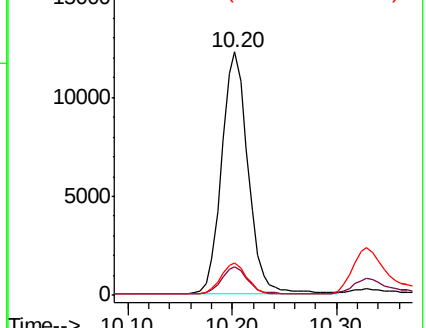
127 13.3 10.4 15.6



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: 0.393 ng/ul

RT: 11.83 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BN007491.D

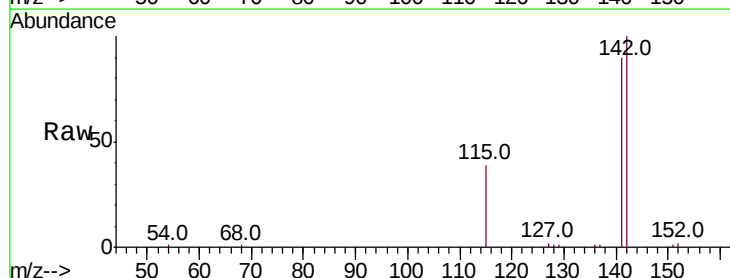
Acq: 29 Aug 2019 05:21

Tgt Ion:142 Resp: 14277

Ion Ratio Lower Upper

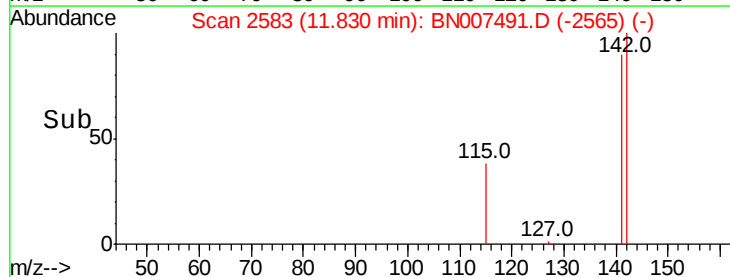
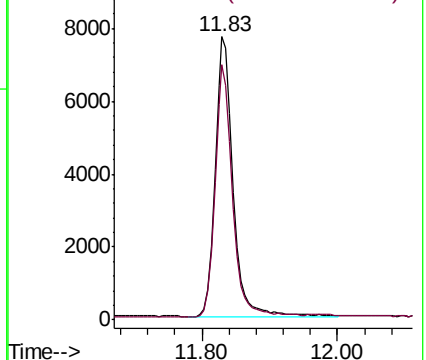
142 100

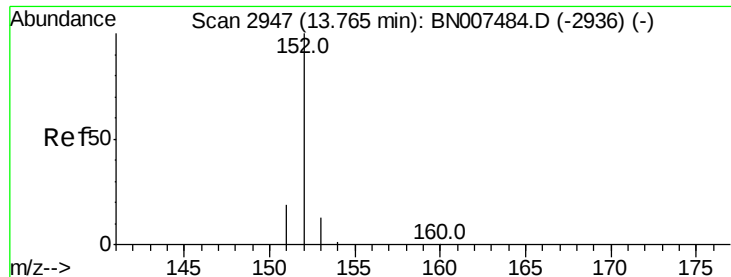
141 88.7 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.374 ng/ul

RT: 13.76 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

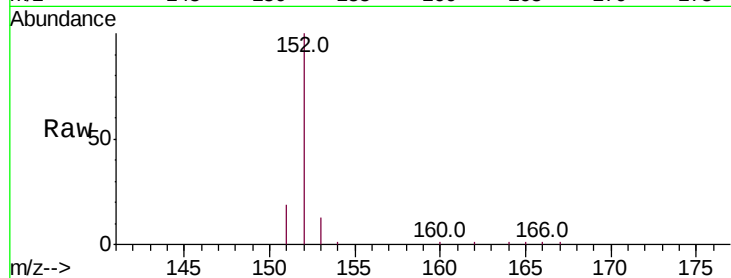
Tot Ion:152 Resp: 20386

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

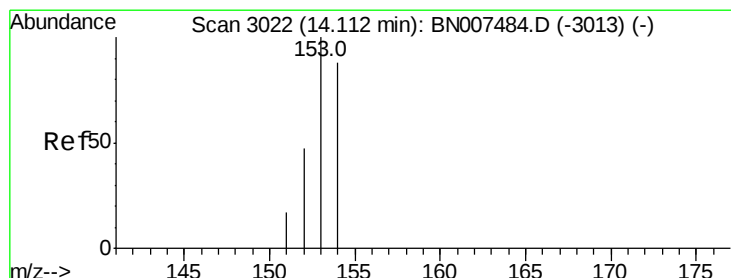
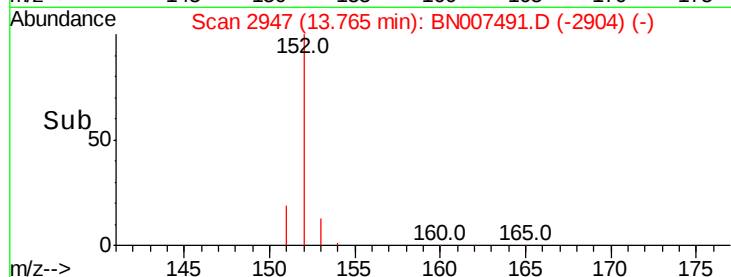
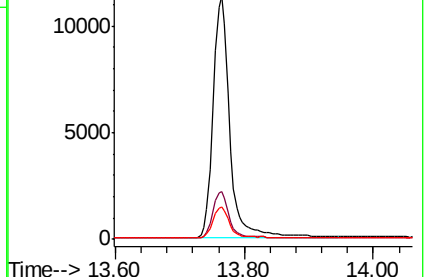
153 13.3 10.8 16.2



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: 0.388 ng/ul

RT: 14.11 min Scan# 3022

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

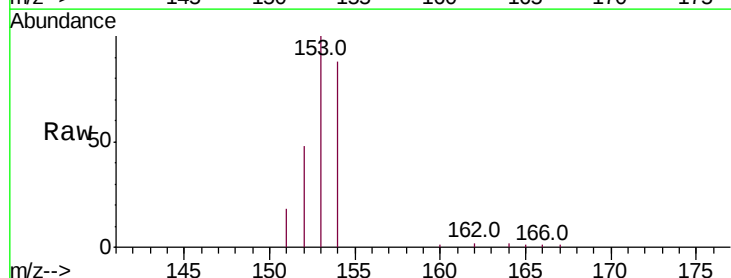
Tgt Ion:153 Resp: 15230

Ion Ratio Lower Upper

153 100

152 48.4 39.1 58.7

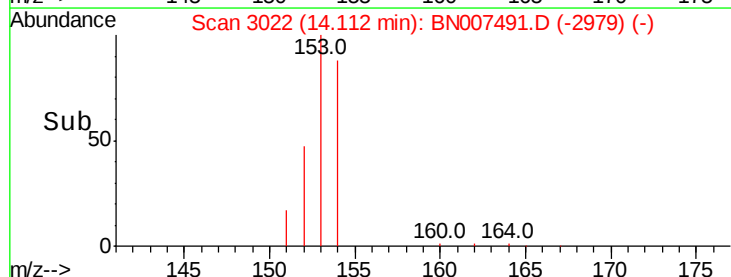
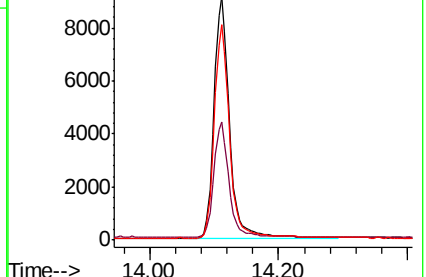
154 88.3 69.4 104.2

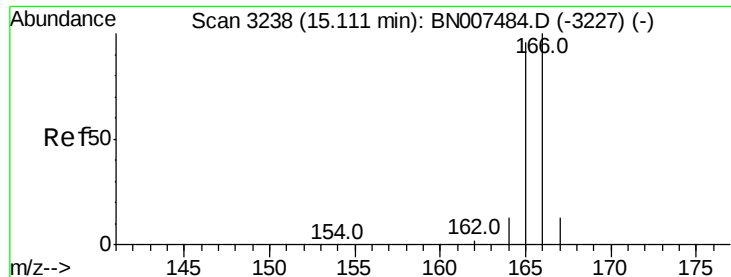


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.383 ng/ul

RT: 15.11 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

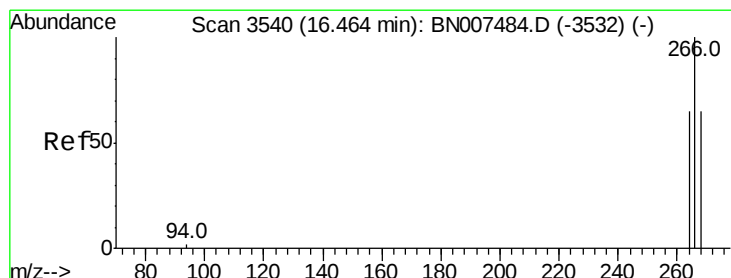
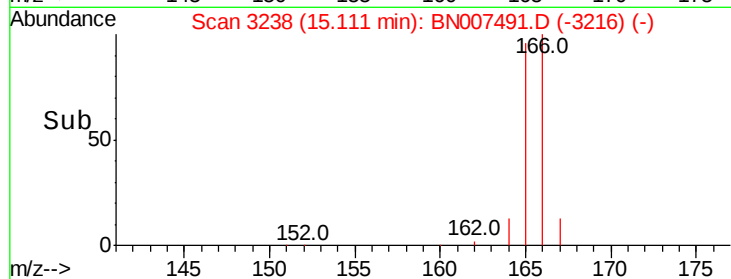
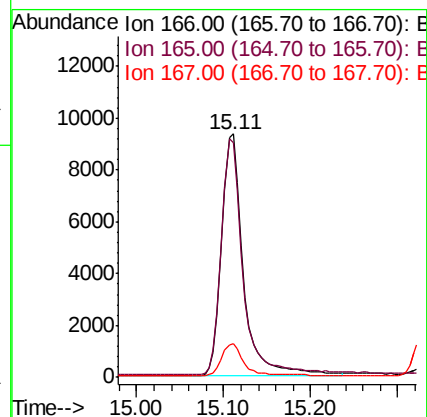
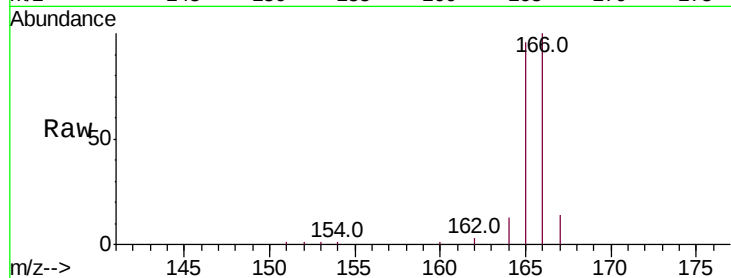
Tot Ion:166 Resp: 16271

Ion Ratio Lower Upper

166 100

165 96.1 79.6 119.4

167 14.0 11.7 17.5



#11

Pentachlorophenol

Concen: 0.378 ng/ul

RT: 16.47 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

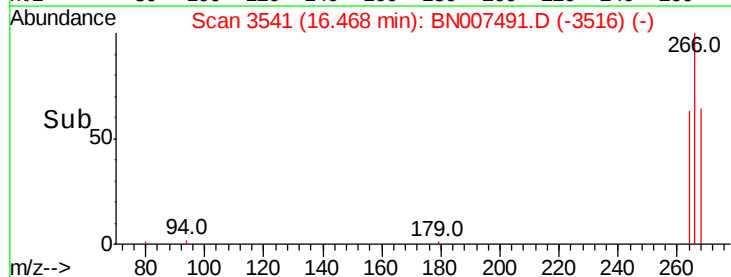
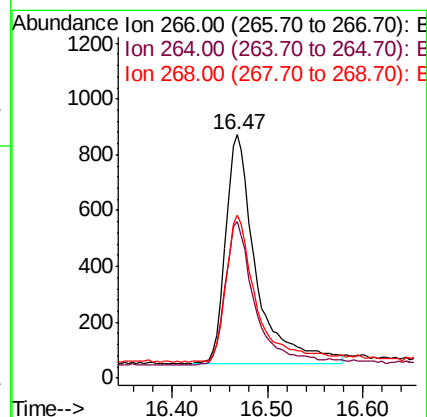
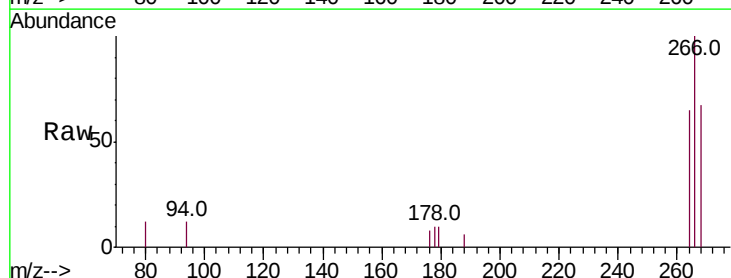
Tgt Ion:266 Resp: 1819

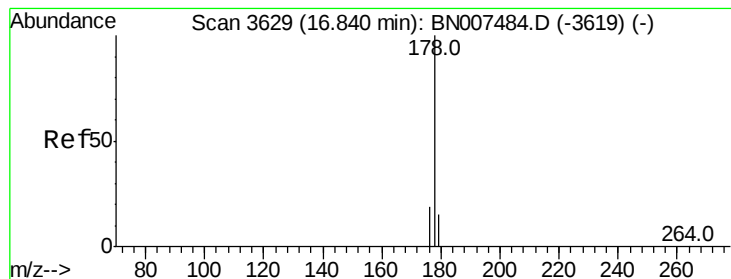
Ion Ratio Lower Upper

266 100

264 62.1 49.0 73.6

268 63.2 50.2 75.2





#12

Phenanthrene

Concen: 0.401 ng/ul

RT: 16.84 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

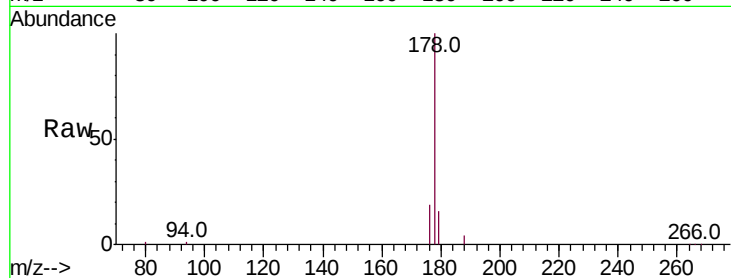
Tot Ion:178 Resp: 26692

Ion Ratio Lower Upper

178 100

179 15.7 12.8 19.2

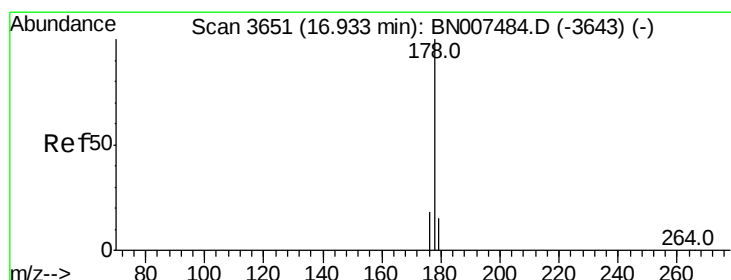
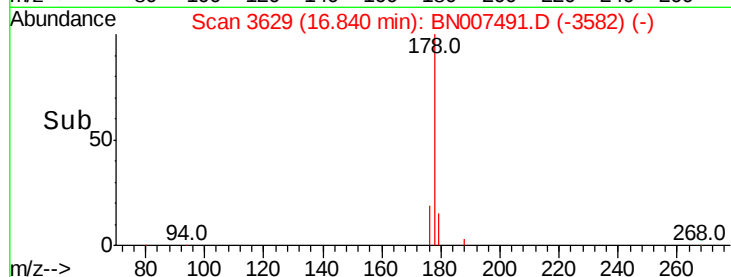
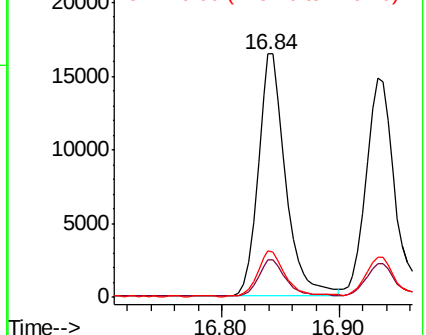
176 19.4 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.400 ng/ul

RT: 16.93 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

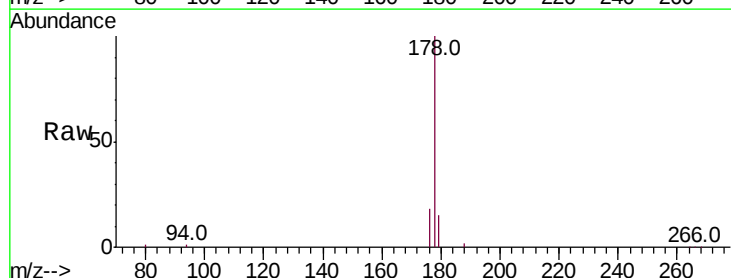
Tgt Ion:178 Resp: 25076

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

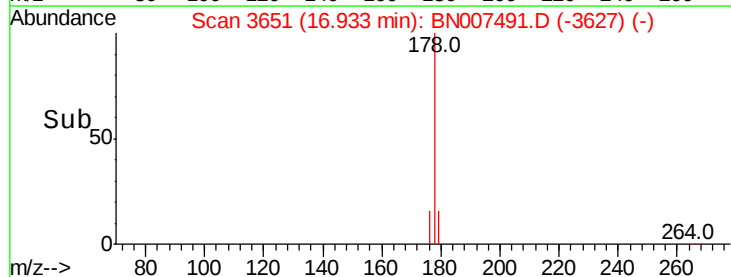
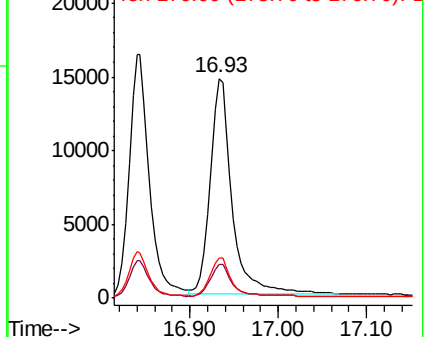
176 18.4 14.6 21.8

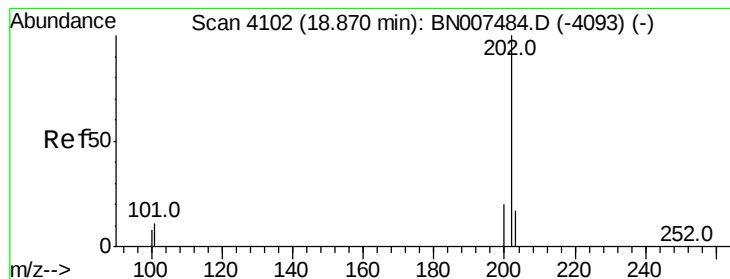


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.375 ng/ul

RT: 18.87 min Scan# 4102

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

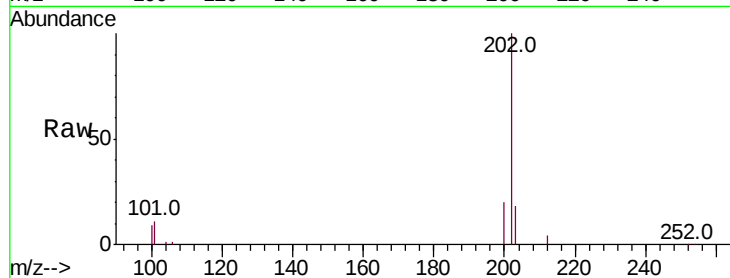
Tot Ion:202 Resp: 33388

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

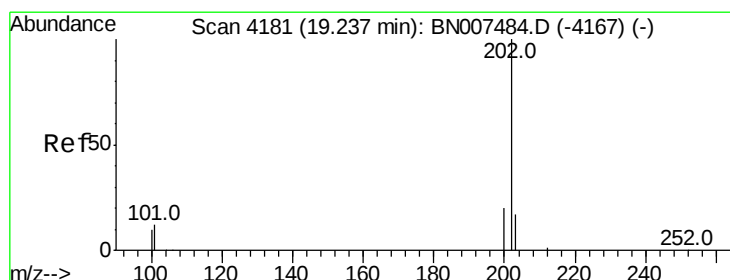
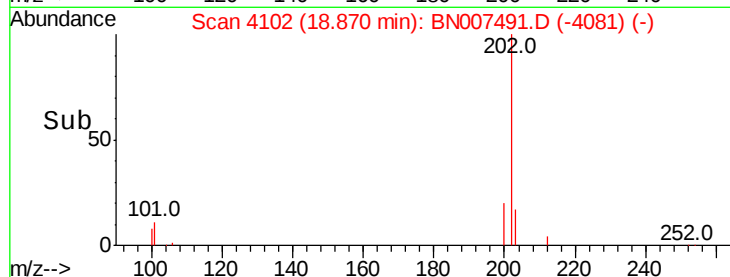
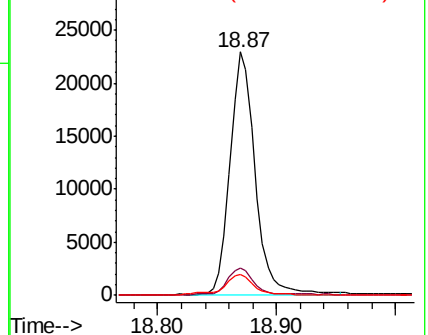
100 8.6 0.0 28.5



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: 0.380 ng/ul

RT: 19.24 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

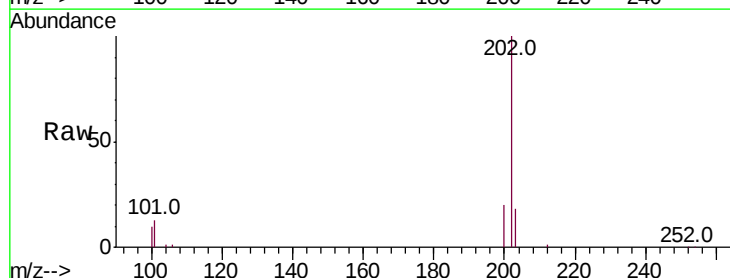
Tgt Ion:202 Resp: 34295

Ion Ratio Lower Upper

202 100

101 12.8 10.7 16.1

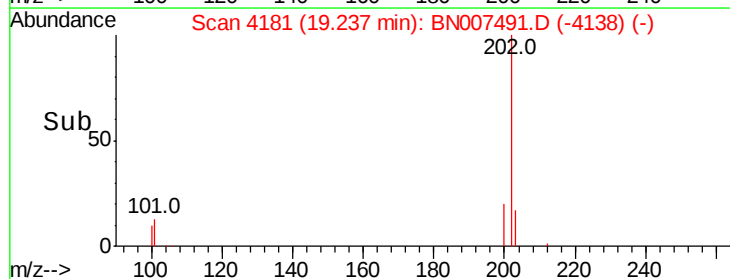
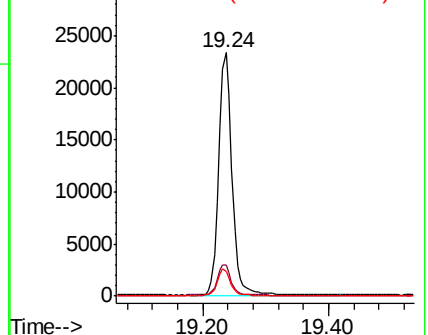
100 10.3 8.6 12.8

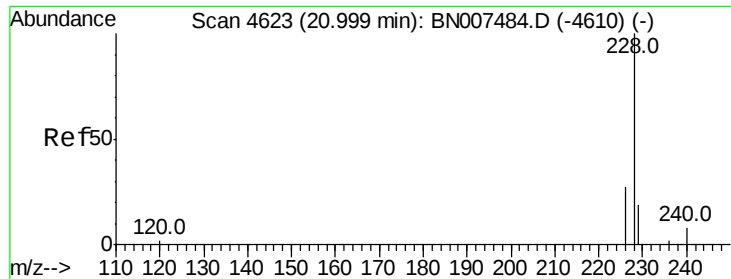


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.380 ng/ul

RT: 21.00 min Scan# 4623

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

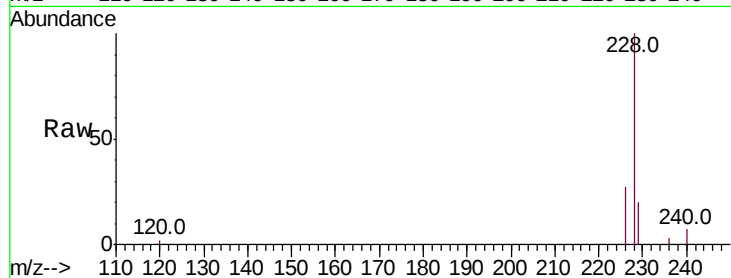
Tot Ion:228 Resp: 31311

Ion Ratio Lower Upper

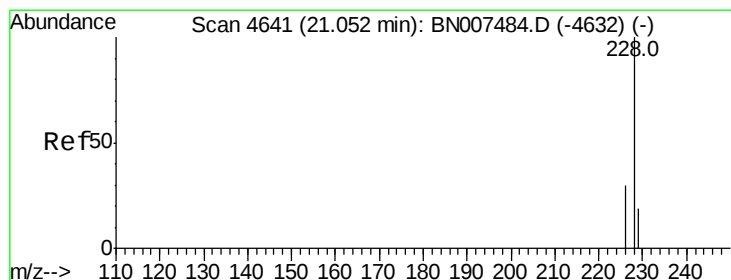
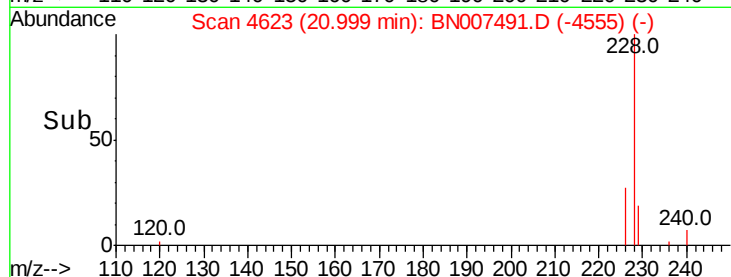
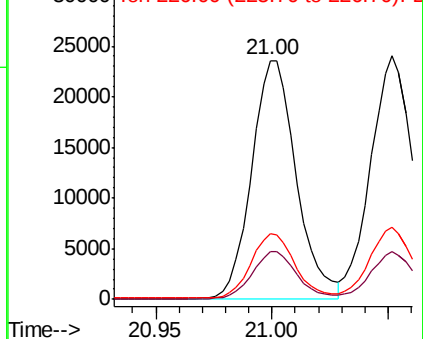
228 100

229 19.7 15.4 23.2

226 27.4 22.0 33.0



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: 0.380 ng/ul

RT: 21.05 min Scan# 4641

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

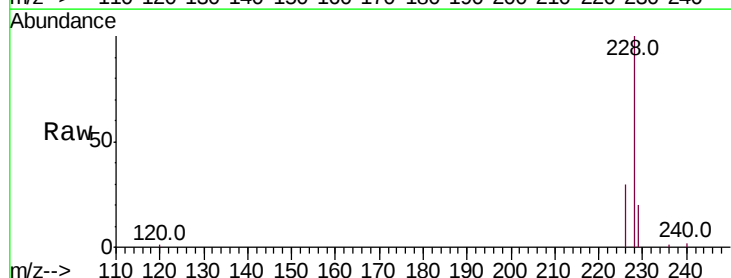
Tgt Ion:228 Resp: 33615

Ion Ratio Lower Upper

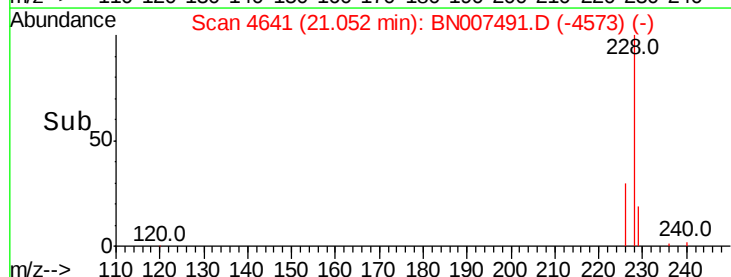
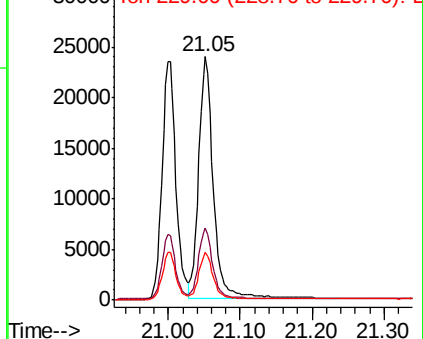
228 100

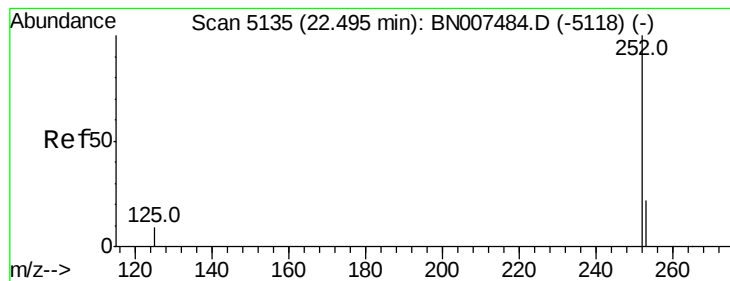
226 29.9 24.1 36.1

229 19.7 16.1 24.1



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: 0.383 ng/u1

RT: 22.50 min Scan# 5136

Delta R.T. 0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

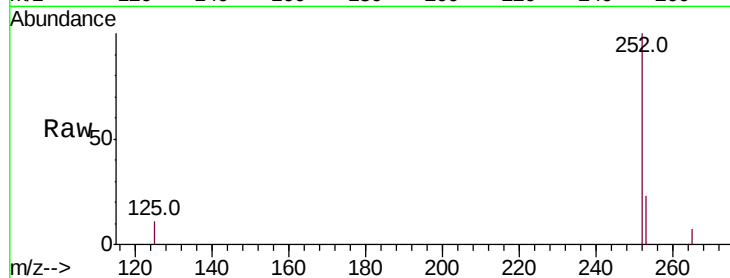
Tot Ion:252 Resp: 32023

Ion Ratio Lower Upper

252 100

253 23.3 0.0 47.0

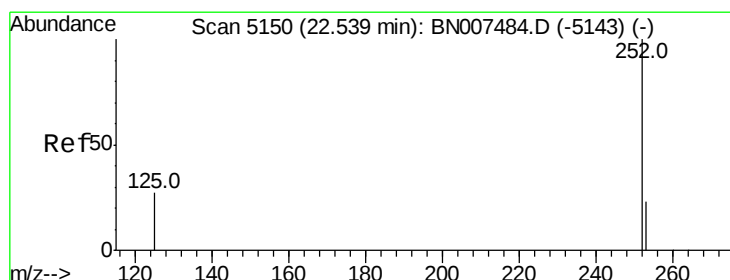
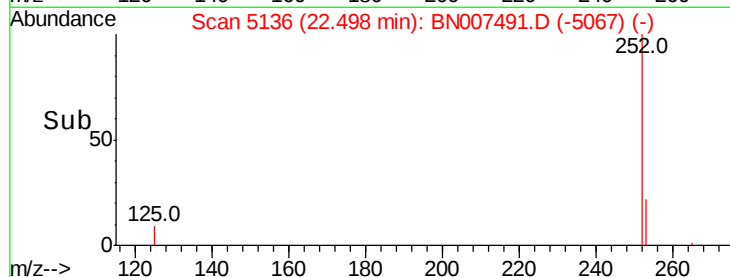
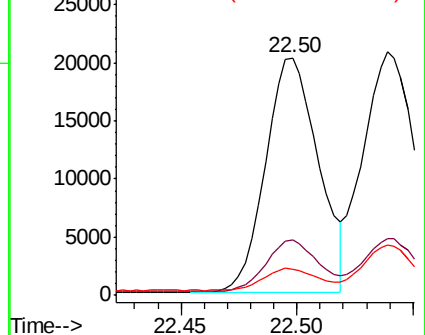
125 11.2 0.0 24.8



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: 0.399 ng/u1

RT: 22.54 min Scan# 5150

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

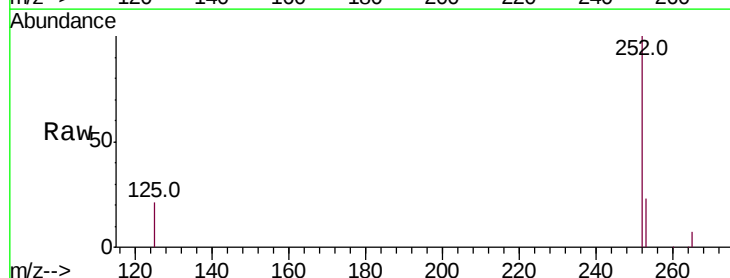
Tgt Ion:252 Resp: 34805

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

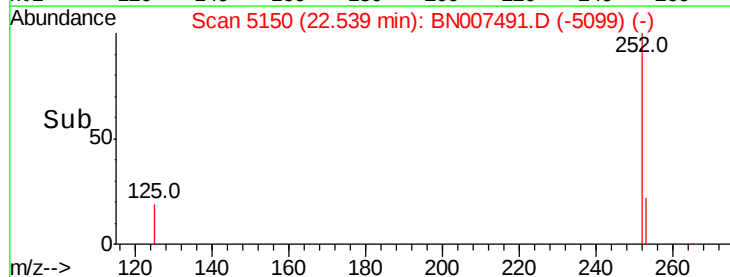
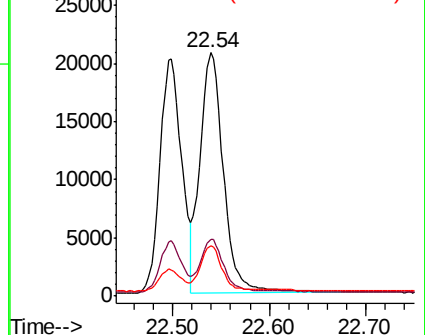
125 20.9 12.4 18.6#

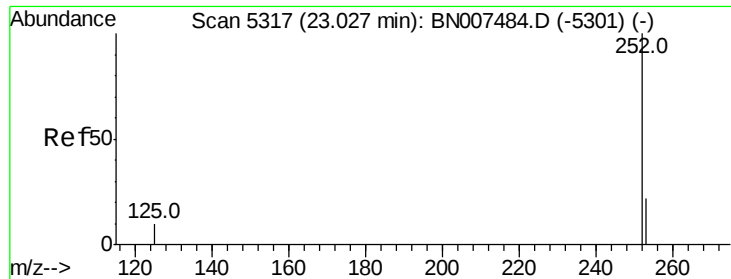


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.03 min Scan# 5317

Delta R.T. -0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

Instrument :

BNA_N

ClientSampleId :

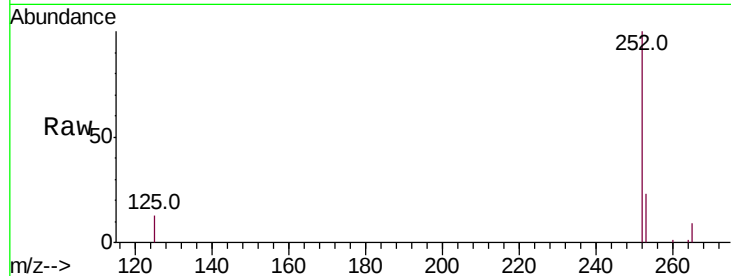
Tot Ion:252 Resp: 31607

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.6

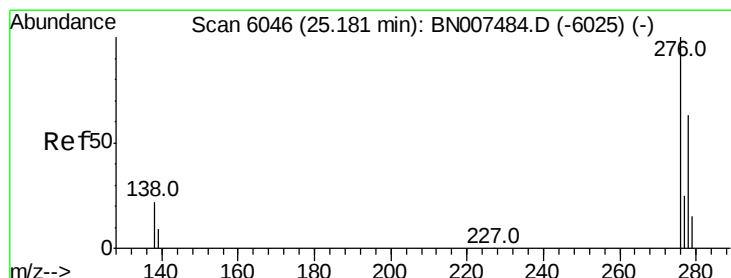
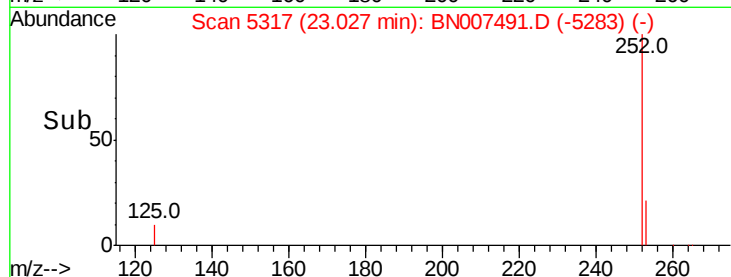
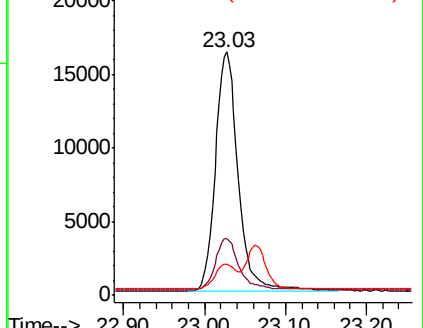
125 13.0 11.2 16.8



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: 0.395 ng/ul

RT: 25.18 min Scan# 6047

Delta R.T. 0.00 min

Lab File: BN007491.D

Acq: 29 Aug 2019 05:21

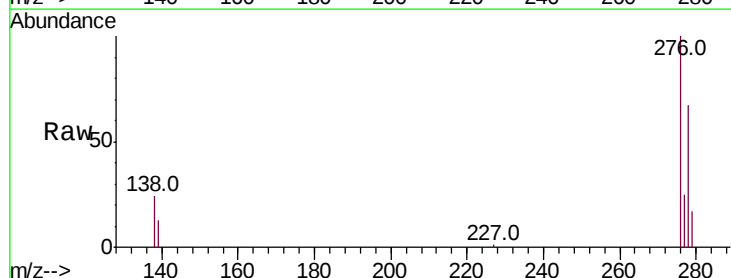
Tgt Ion:276 Resp: 36760

Ion Ratio Lower Upper

276 100

138 27.1 19.7 29.5

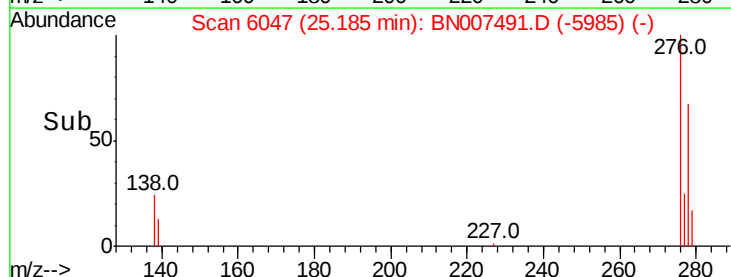
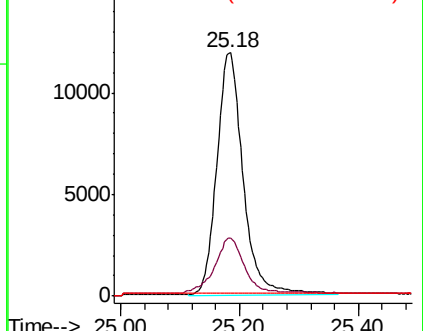
227 0.0 0.1 0.1#

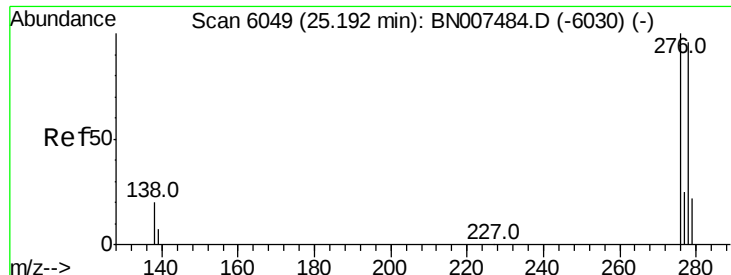


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



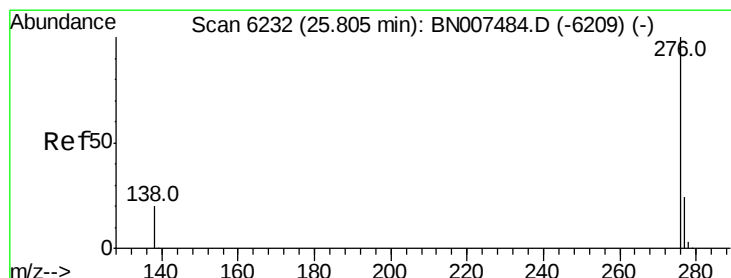
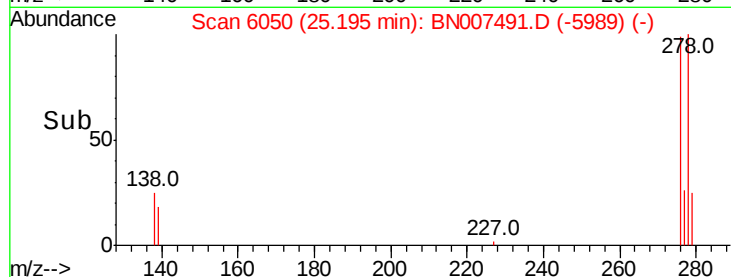
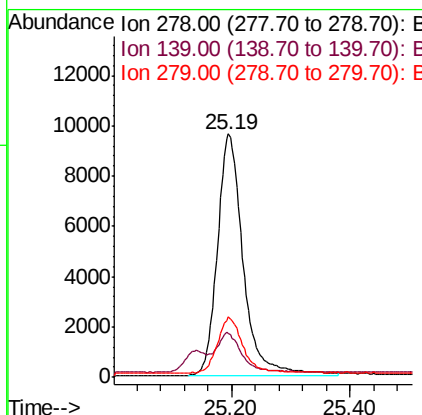
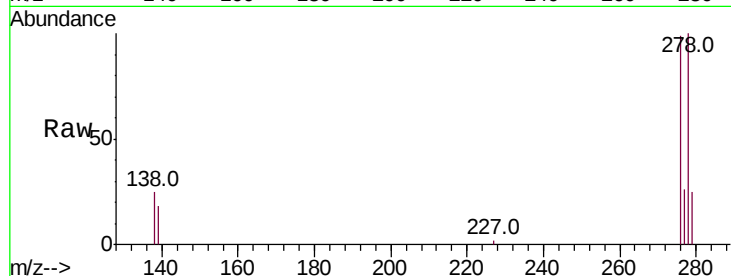


#25
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 25.19 min Scan# 6050
Delta R.T. 0.00 min
Lab File: BN007491.D
Acq: 29 Aug 2019 05:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 29045

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.6	21.8
279	24.8	19.8	29.8



#26
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 25.81 min Scan# 6232
Delta R.T. -0.00 min
Lab File: BN007491.D
Acq: 29 Aug 2019 05:21

Tgt Ion:276 Resp: 30827

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.1	25.7
277	24.6	19.4	29.0

