

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006258.D
 Acq On : 11 Jun 2019 22:06
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 01:12:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

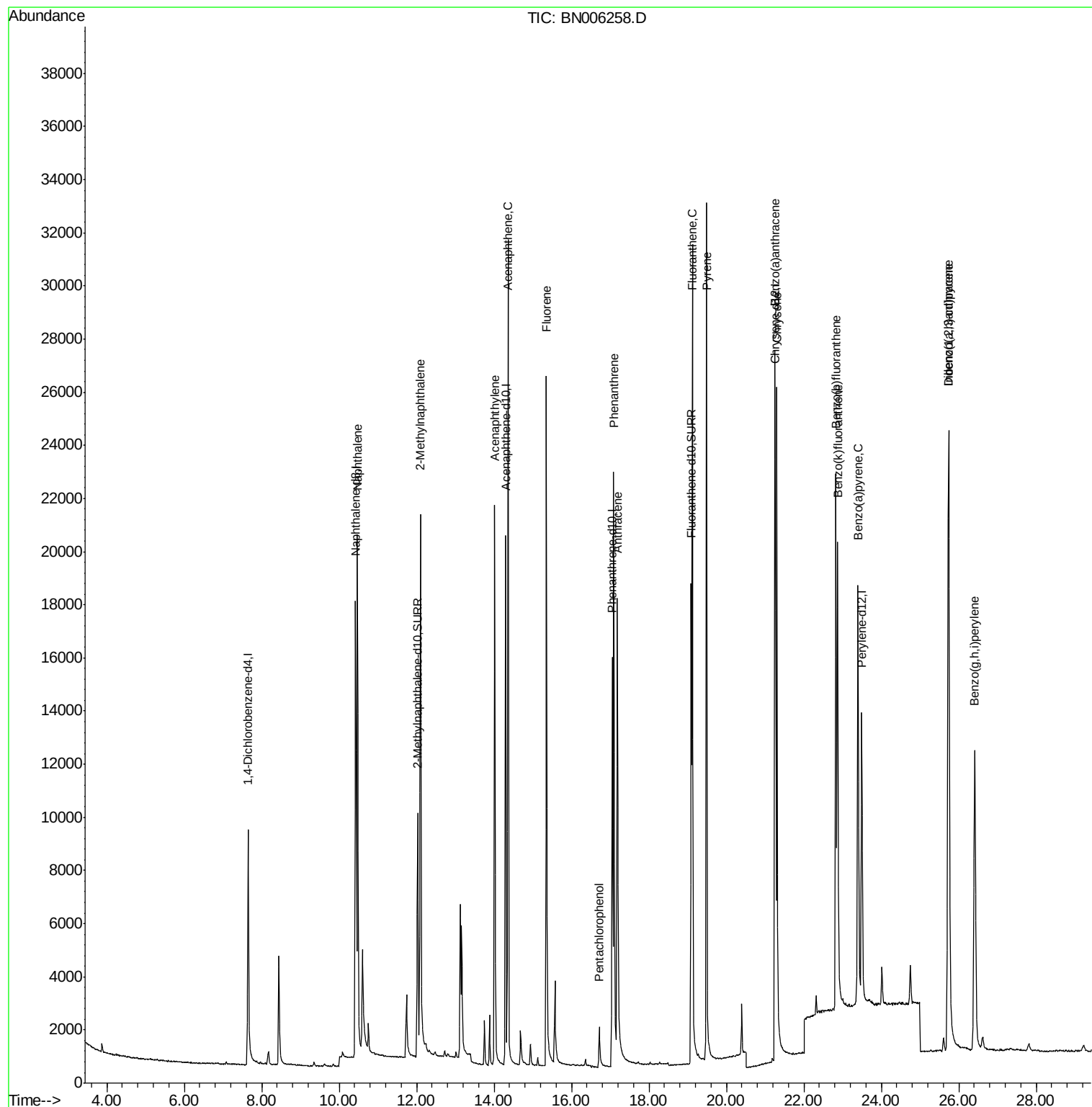
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6074	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	24436	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11599	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20385	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13456	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	15371	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	14526	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	20612	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	27730	0.411	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	18193	0.387	ng/ul	99
7) Acenaphthylene	14.01	152	25715	0.399	ng/ul	100
8) Acenaphthene	14.36	153	18464	0.413	ng/ul	99
9) Fluorene	15.35	166	18678	0.357	ng/ul	98
11) Pentachlorophenol	16.71	266	1679	0.324	ng/ul	97
12) Phenanthrene	17.09	178	25852	0.395	ng/ul	99
13) Anthracene	17.18	178	22624	0.362	ng/ul	99
15) Fluoranthene	19.12	202	27143	0.376	ng/ul	96
17) Pyrene	19.49	202	28339	0.400	ng/ul	100
18) Benzo(a)anthracene	21.25	228	22598	0.380	ng/ul	99
19) Chrysene	21.30	228	26139	0.468	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	24040	0.375	ng/ul	98
22) Benzo(k)fluoranthene	22.87	252	26152	0.419	ng/ul	97
23) Benzo(a)pyrene	23.40	252	24628	0.413	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.73	276	28590	0.442	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.74	278	22543	0.436	ng/ul	94
26) Benzo(g,h,i)perylene	26.41	276	24544	0.454	ng/ul	96

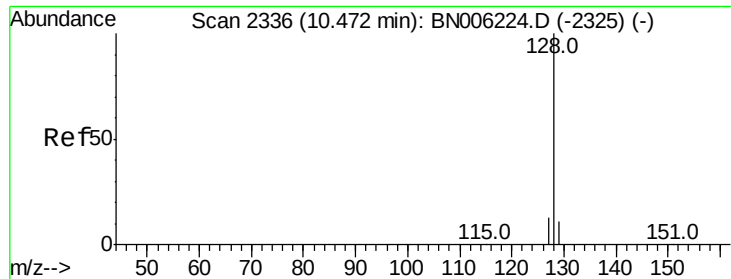
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.411 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

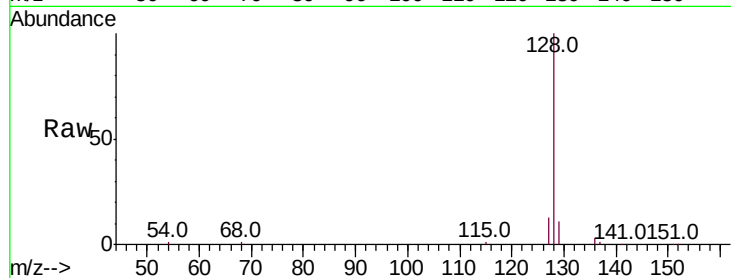
Tot Ion:128 Resp: 27730

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

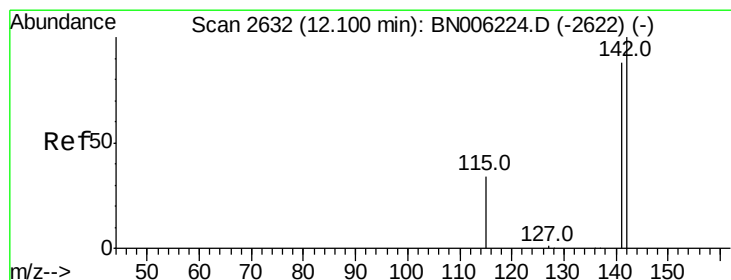
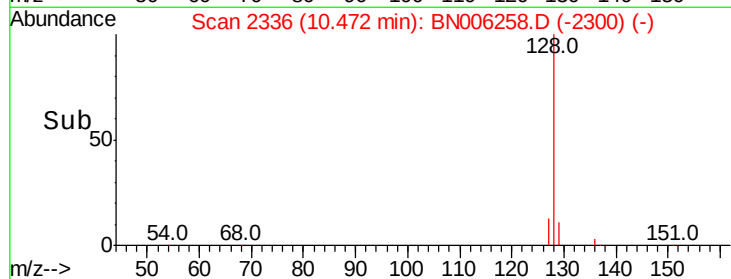
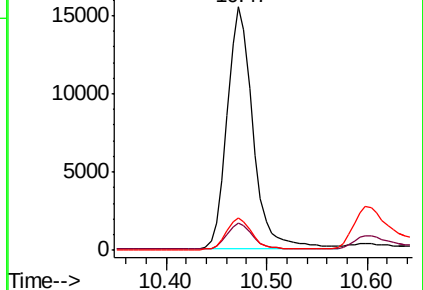
127 13.3 10.7 16.1



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: 0.387 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BN006258.D

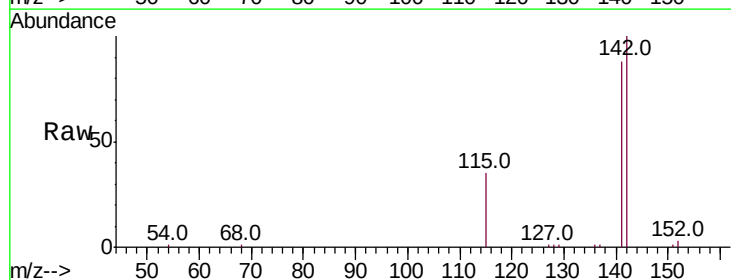
Acq: 11 Jun 2019 22:06

Tgt Ion:142 Resp: 18193

Ion Ratio Lower Upper

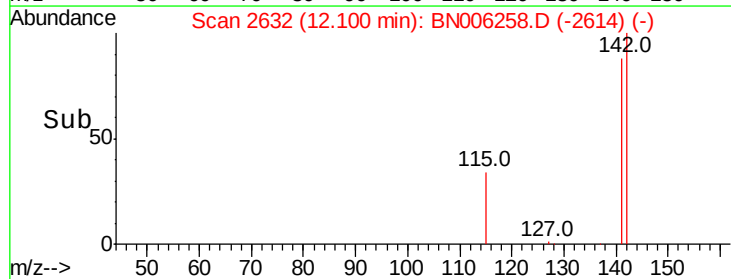
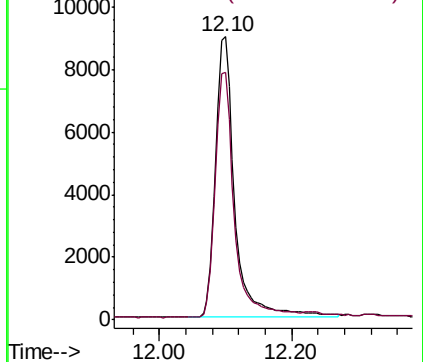
142 100

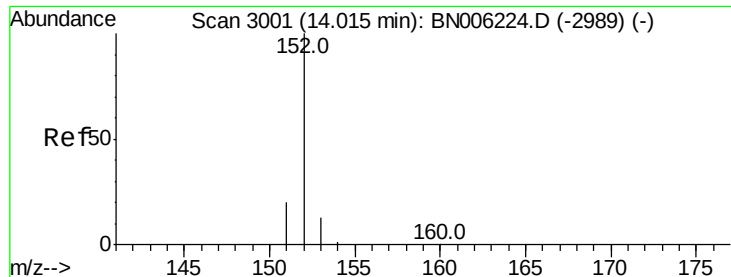
141 86.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

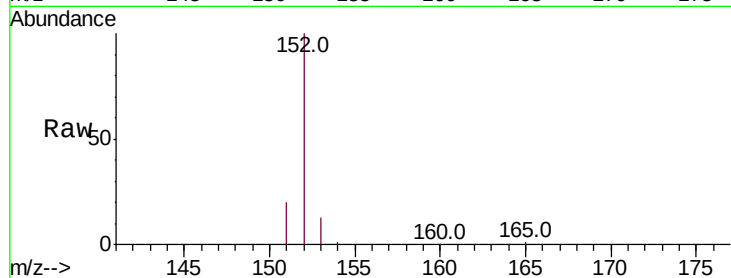
Tot Ion:152 Resp: 25715

Ion Ratio Lower Upper

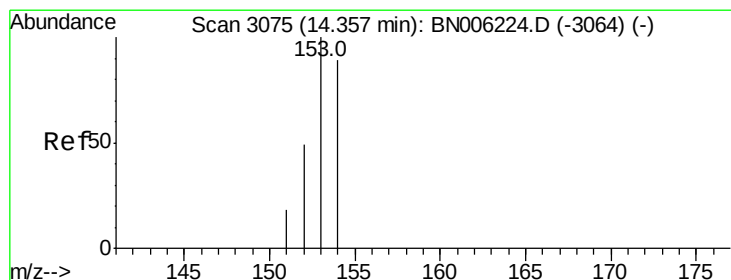
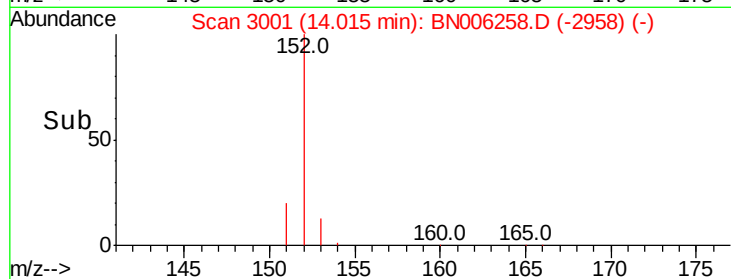
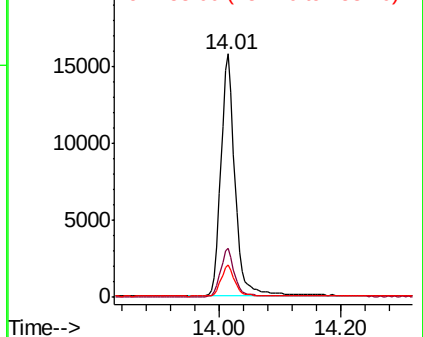
152 100

151 20.1 15.8 23.8

153 13.4 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: 0.413 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

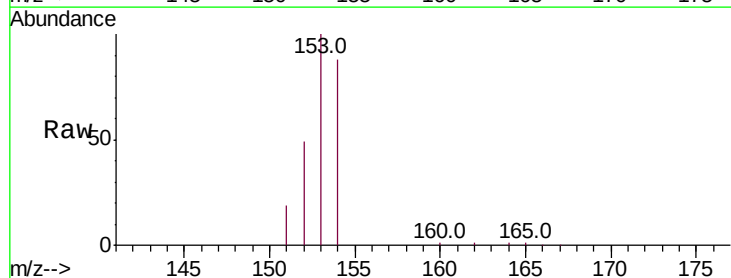
Tgt Ion:153 Resp: 18464

Ion Ratio Lower Upper

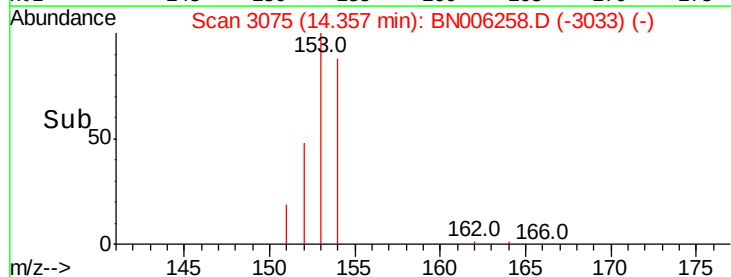
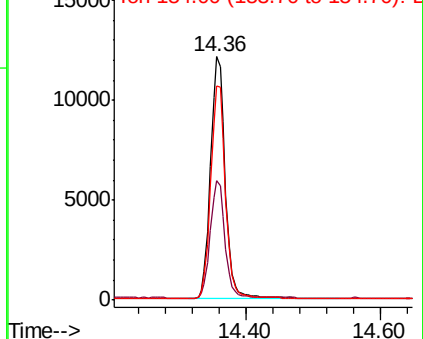
153 100

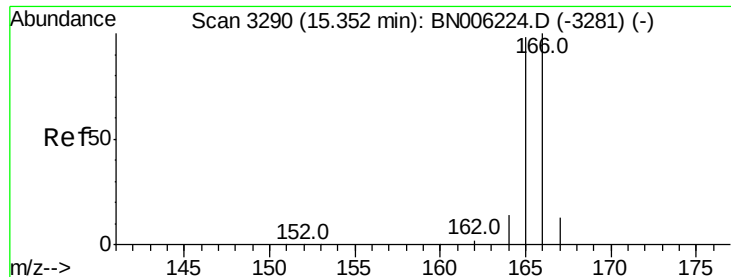
152 49.3 39.1 58.7

154 87.7 71.1 106.7



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: 0.357 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

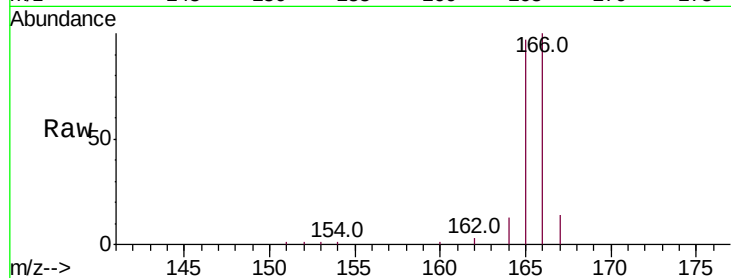
Tot Ion:166 Resp: 18678

Ion Ratio Lower Upper

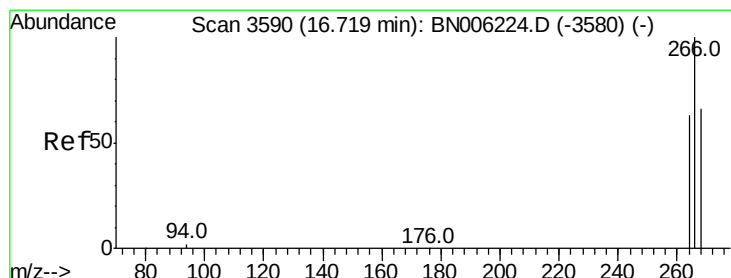
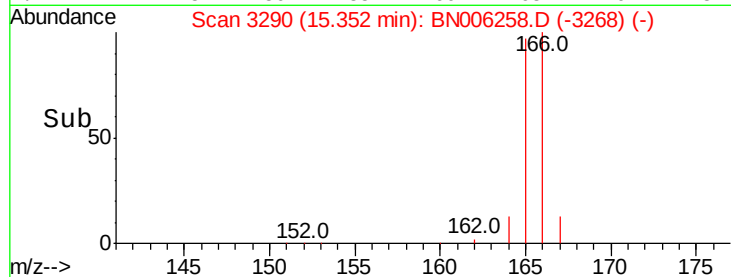
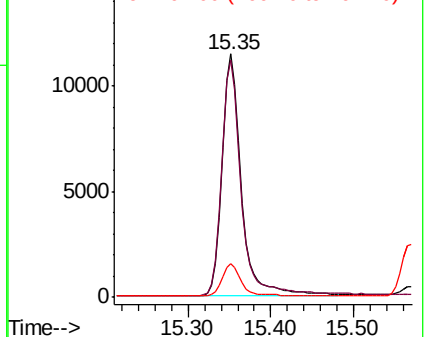
166 100

165 97.2 76.4 114.6

167 13.7 11.0 16.6



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: 0.324 ng/ul

RT: 16.71 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

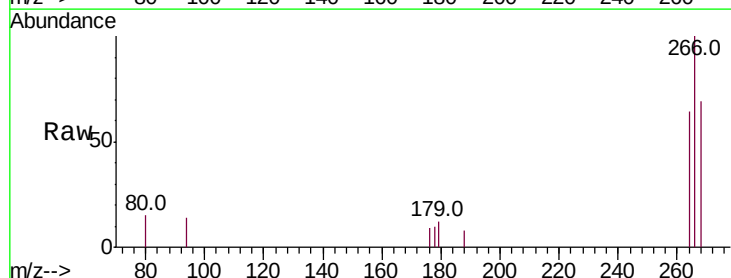
Tgt Ion:266 Resp: 1679

Ion Ratio Lower Upper

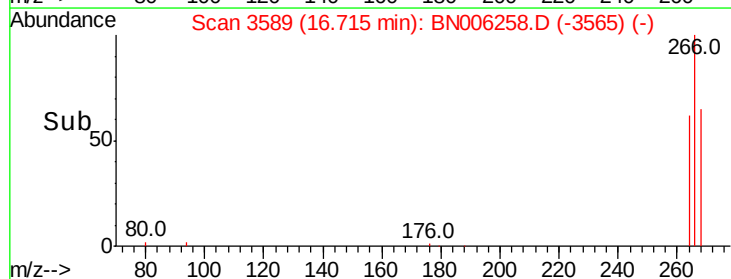
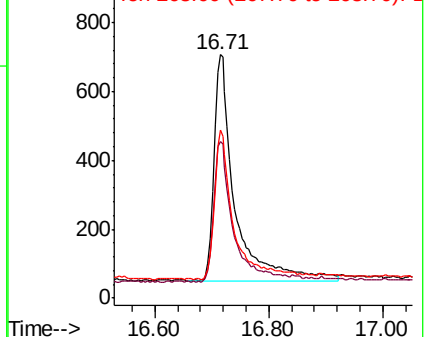
266 100

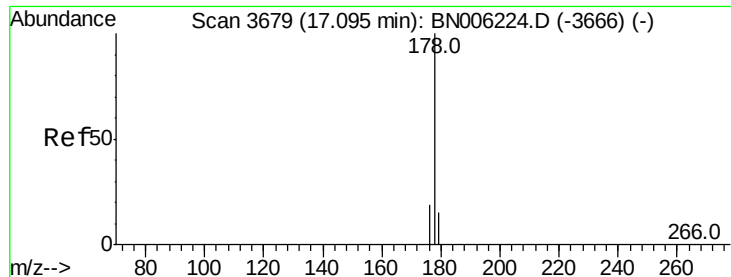
264 60.2 50.3 75.5

268 62.8 51.3 76.9



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: 0.395 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

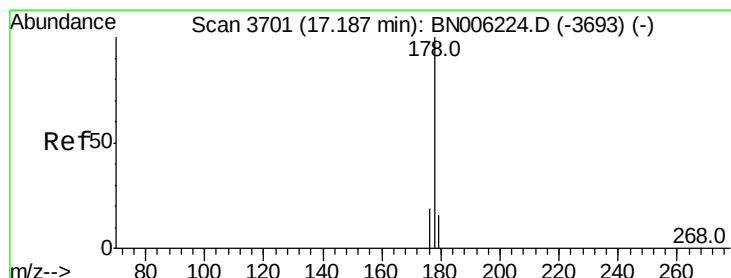
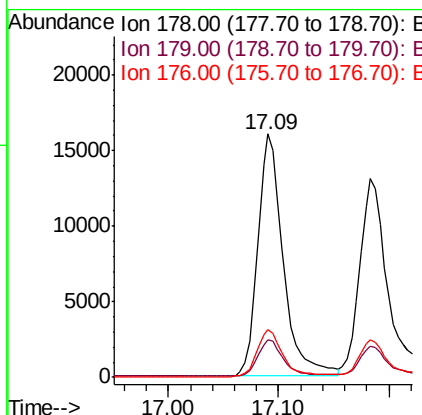
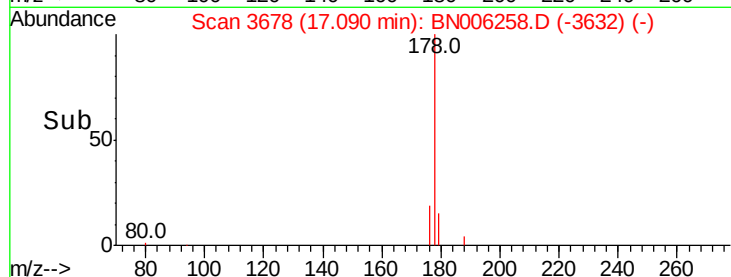
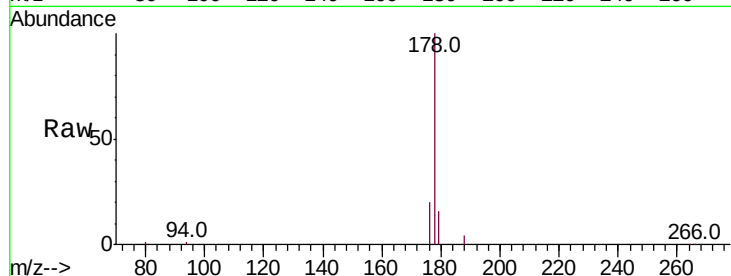
Tot Ion:178 Resp: 25852

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.6 15.3 22.9



#13

Anthracene

Concen: 0.362 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

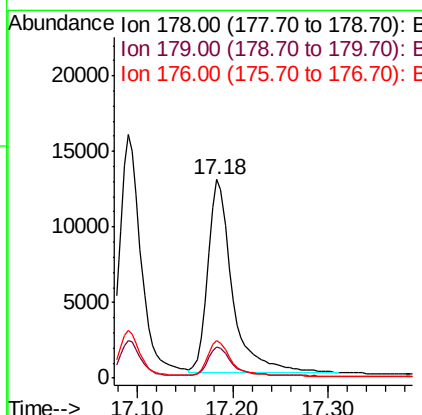
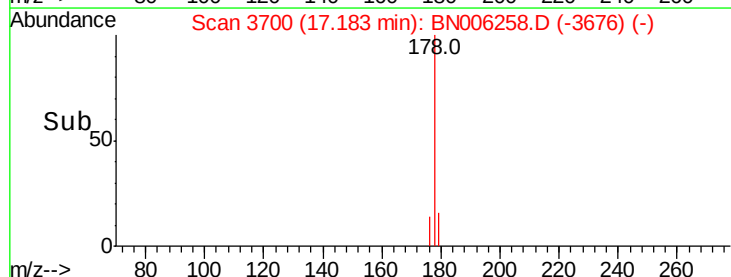
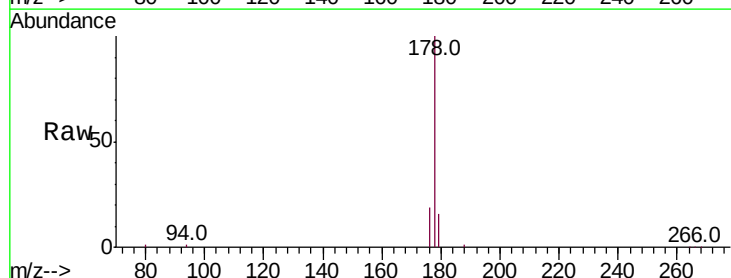
Tgt Ion:178 Resp: 22624

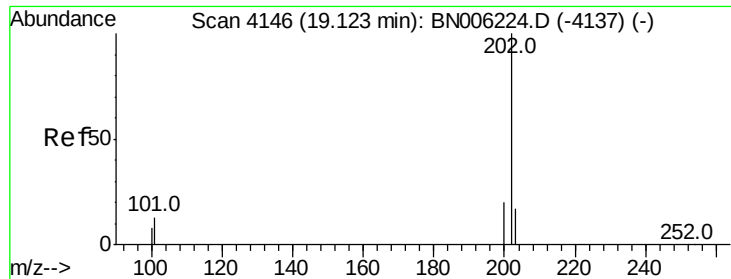
Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

176 19.0 15.1 22.7





#15

Fluoranthene

Concen: 0.376 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

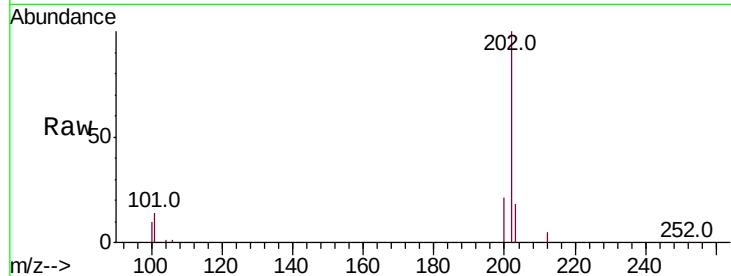
Tot Ion:202 Resp: 27143

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.1

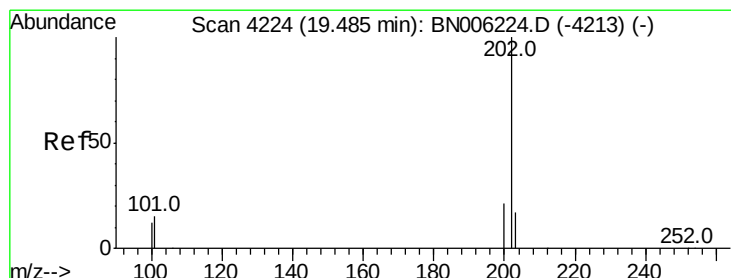
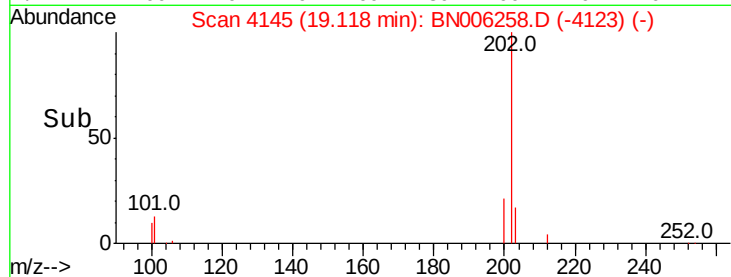
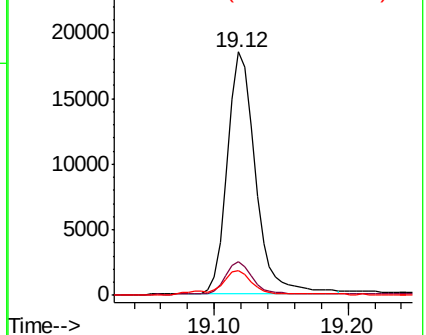
100 10.0 0.0 28.7



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: 0.400 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

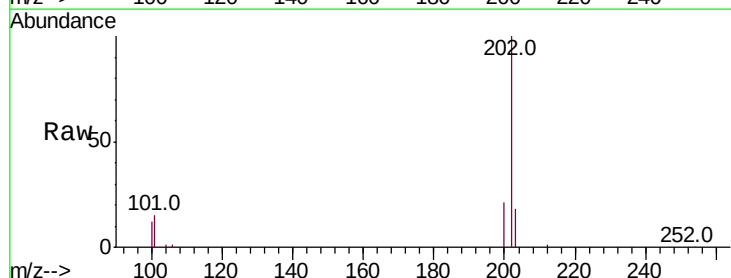
Tgt Ion:202 Resp: 28339

Ion Ratio Lower Upper

202 100

101 15.3 12.2 18.2

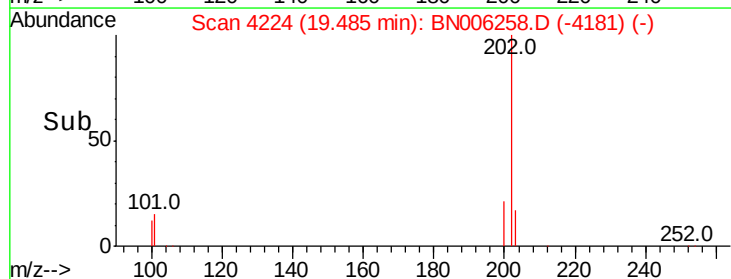
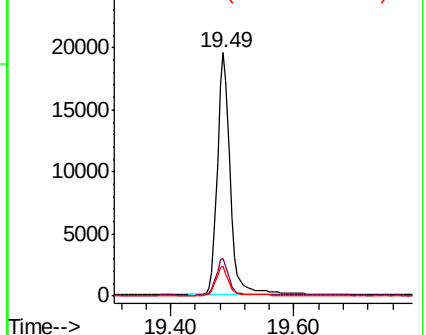
100 12.1 9.8 14.6

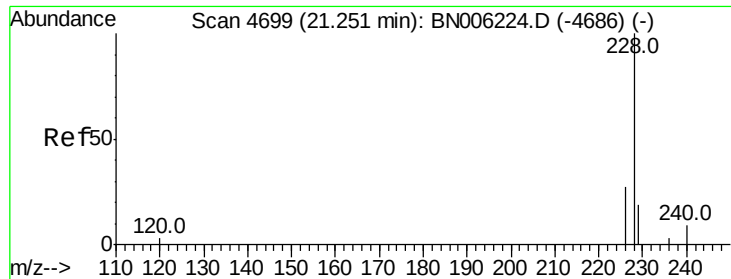


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 4698

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

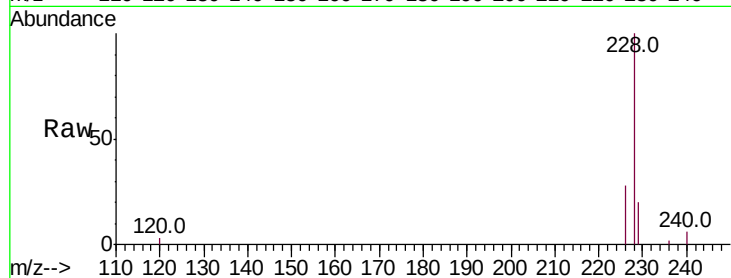
Tot Ion:228 Resp: 22598

Ion Ratio Lower Upper

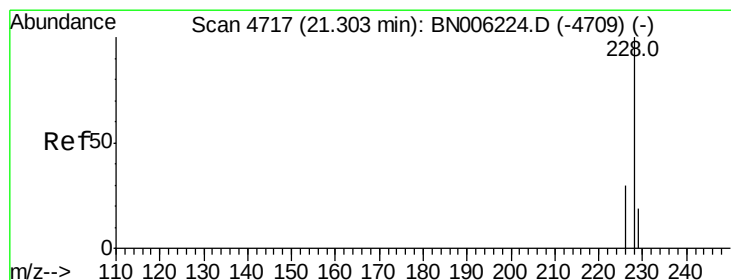
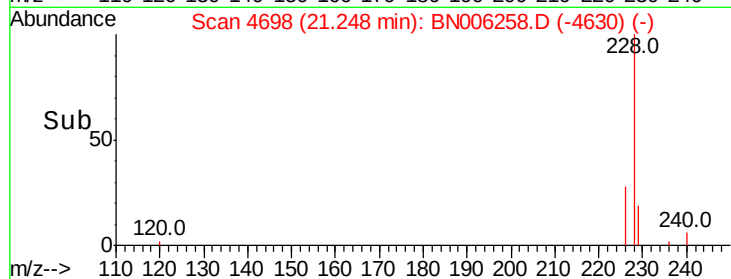
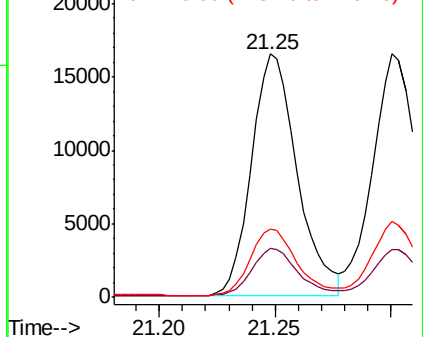
228 100

229 19.9 16.5 24.7

226 28.1 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: 0.468 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

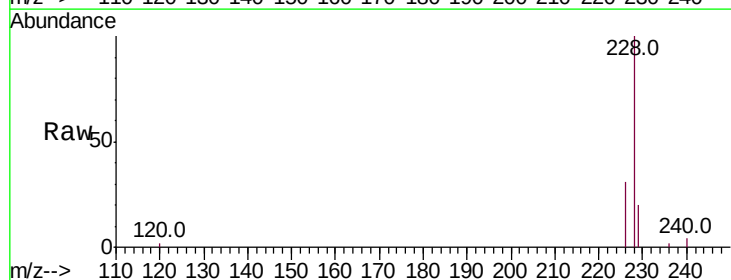
Tgt Ion:228 Resp: 26139

Ion Ratio Lower Upper

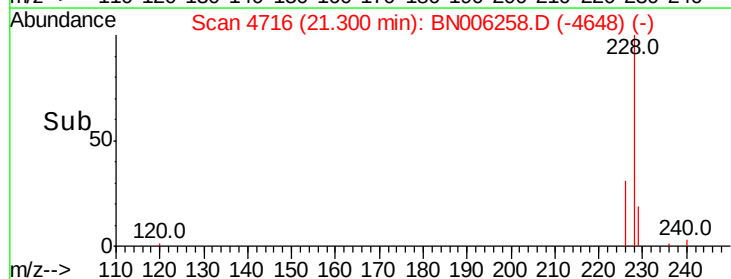
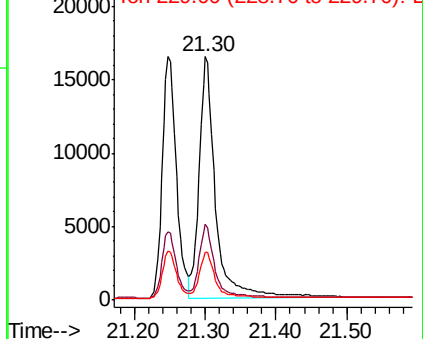
228 100

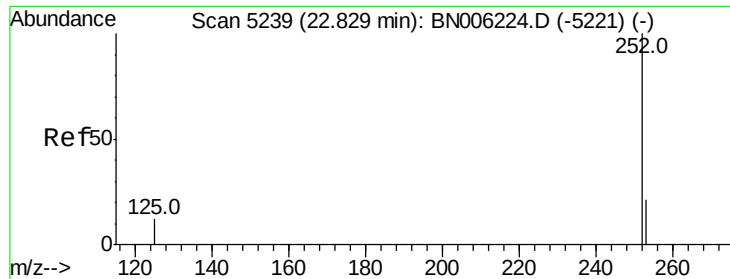
226 31.1 25.0 37.6

229 19.9 16.3 24.5



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: 0.375 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

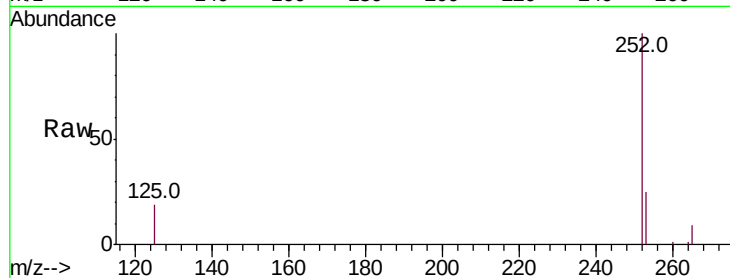
Tot Ion:252 Resp: 24040

Ion Ratio Lower Upper

252 100

253 24.5 0.0 51.4

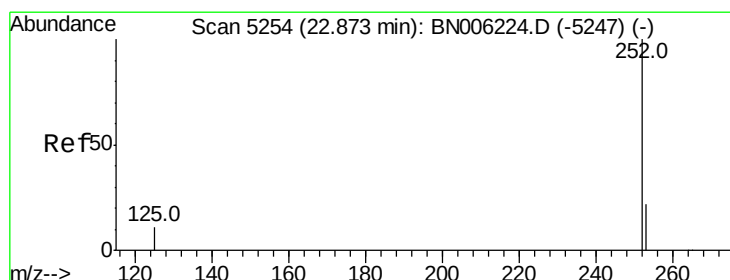
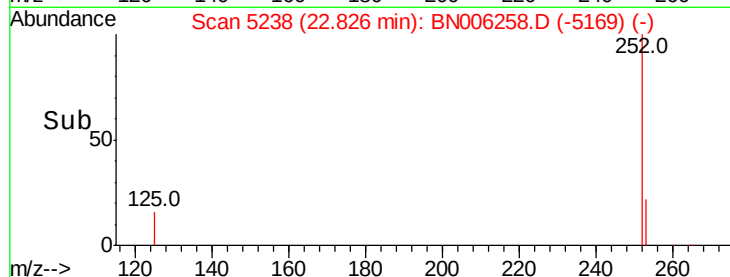
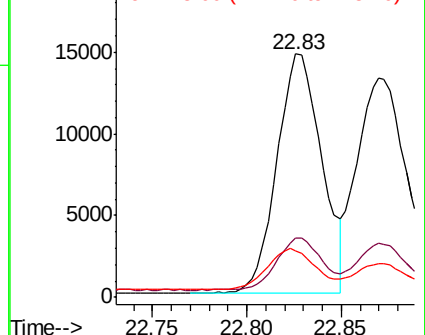
125 19.3 0.0 41.0



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: 0.419 ng/ul

RT: 22.87 min Scan# 5253

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

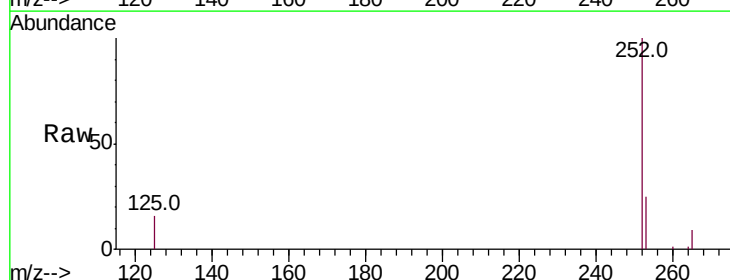
Tgt Ion:252 Resp: 26152

Ion Ratio Lower Upper

252 100

253 24.7 20.3 30.5

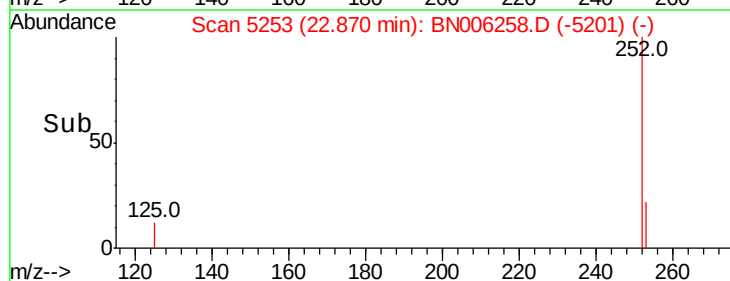
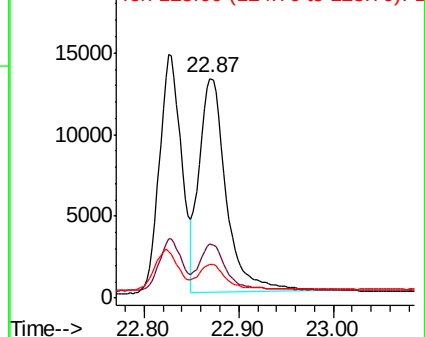
125 15.5 14.3 21.5

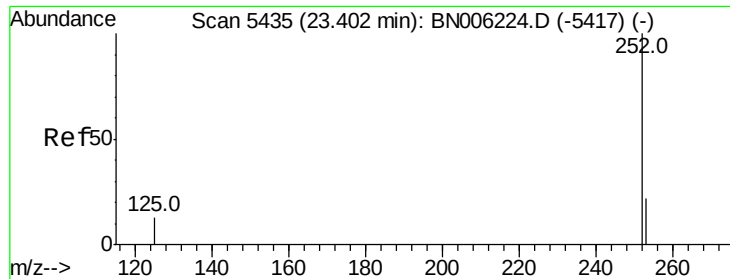


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.413 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

Instrument :

BNA_N

ClientSampleId :

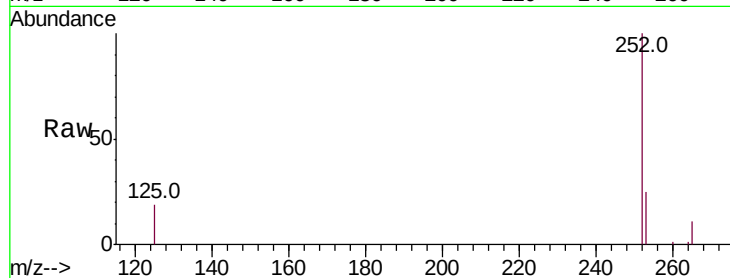
Tot Ion:252 Resp: 24628

Ion Ratio Lower Upper

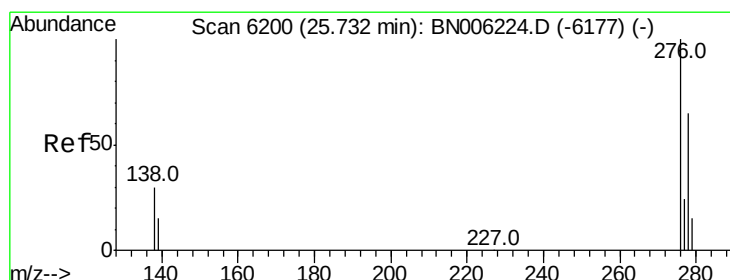
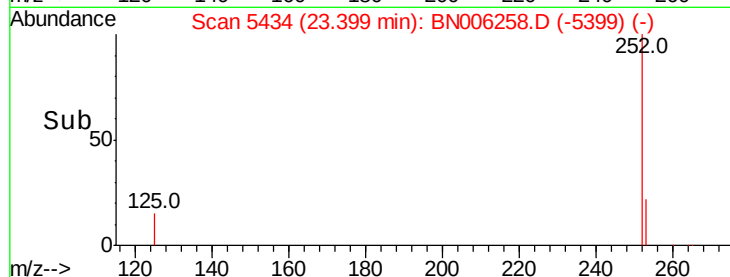
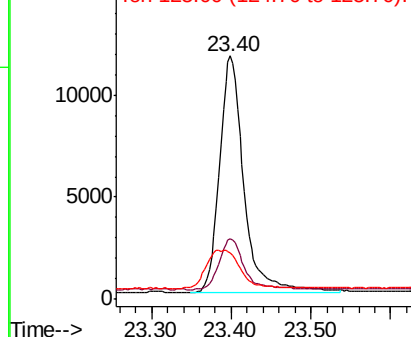
252 100

253 25.1 21.1 31.7

125 19.1 20.3 30.5#



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: 0.442 ng/ul

RT: 25.73 min Scan# 6199

Delta R.T. 0.00 min

Lab File: BN006258.D

Acq: 11 Jun 2019 22:06

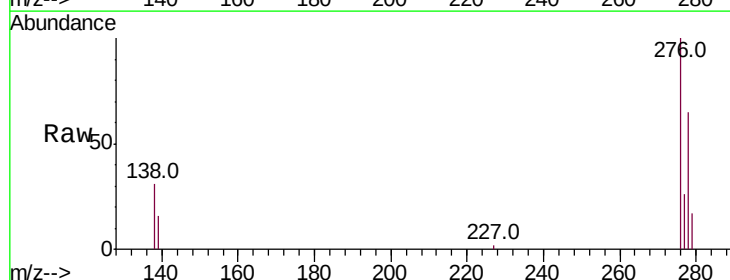
Tgt Ion:276 Resp: 28590

Ion Ratio Lower Upper

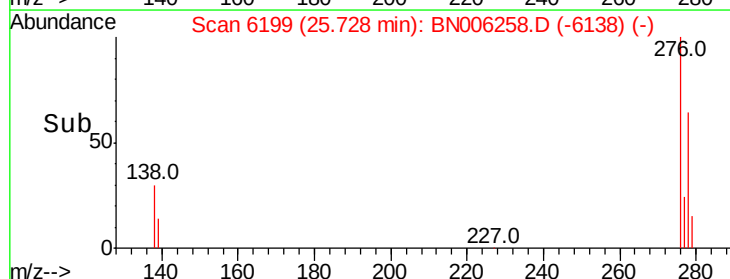
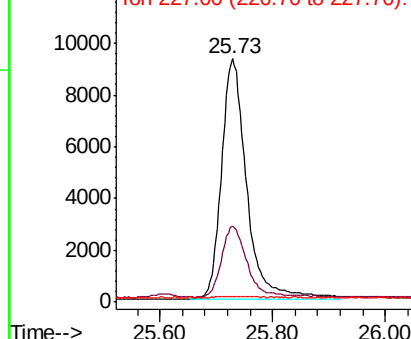
276 100

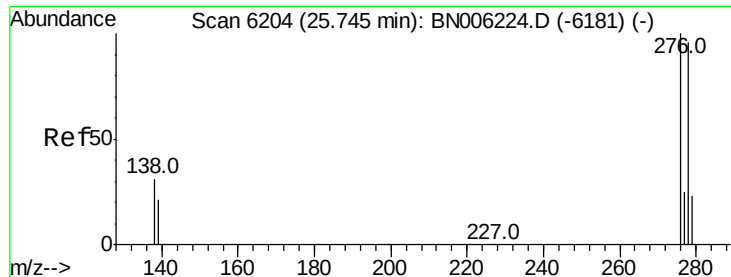
138 30.7 25.6 38.4

227 0.2 0.3 0.5#



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

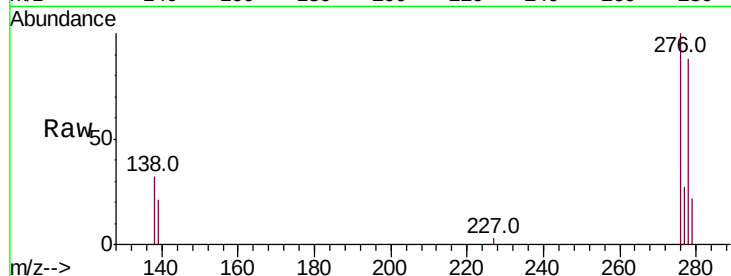




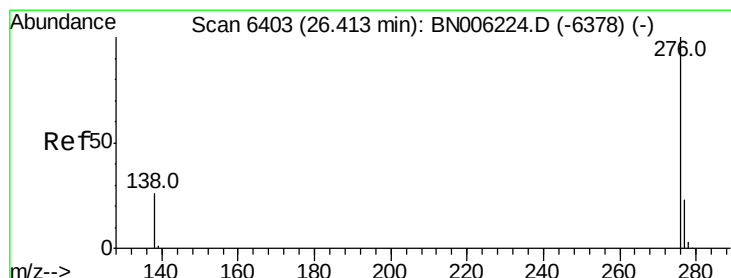
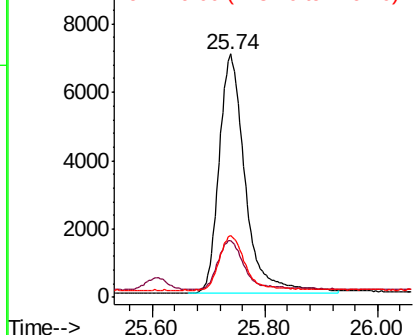
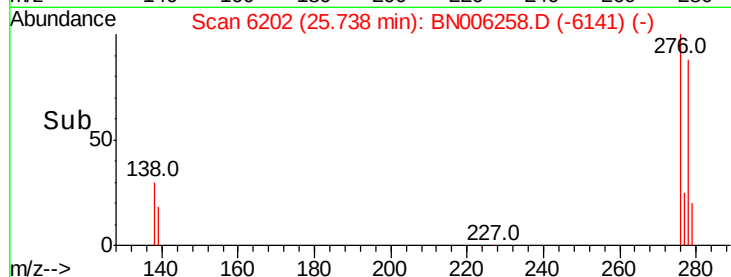
#25
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. 0.00 min
Lab File: BN006258.D
Acq: 11 Jun 2019 22:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 22543
Ion Ratio Lower Upper
278 100
139 23.5 21.2 31.8
279 25.4 22.6 33.8

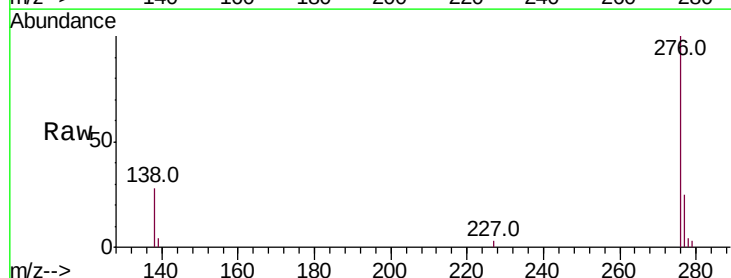


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. 0.01 min
Lab File: BN006258.D
Acq: 11 Jun 2019 22:06

Tgt Ion:276 Resp: 24544
Ion Ratio Lower Upper
276 100
138 28.2 24.2 36.4
277 24.8 21.5 32.3



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

