

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006227.D
 Acq On : 10 Jun 2019 17:42
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:18:59 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

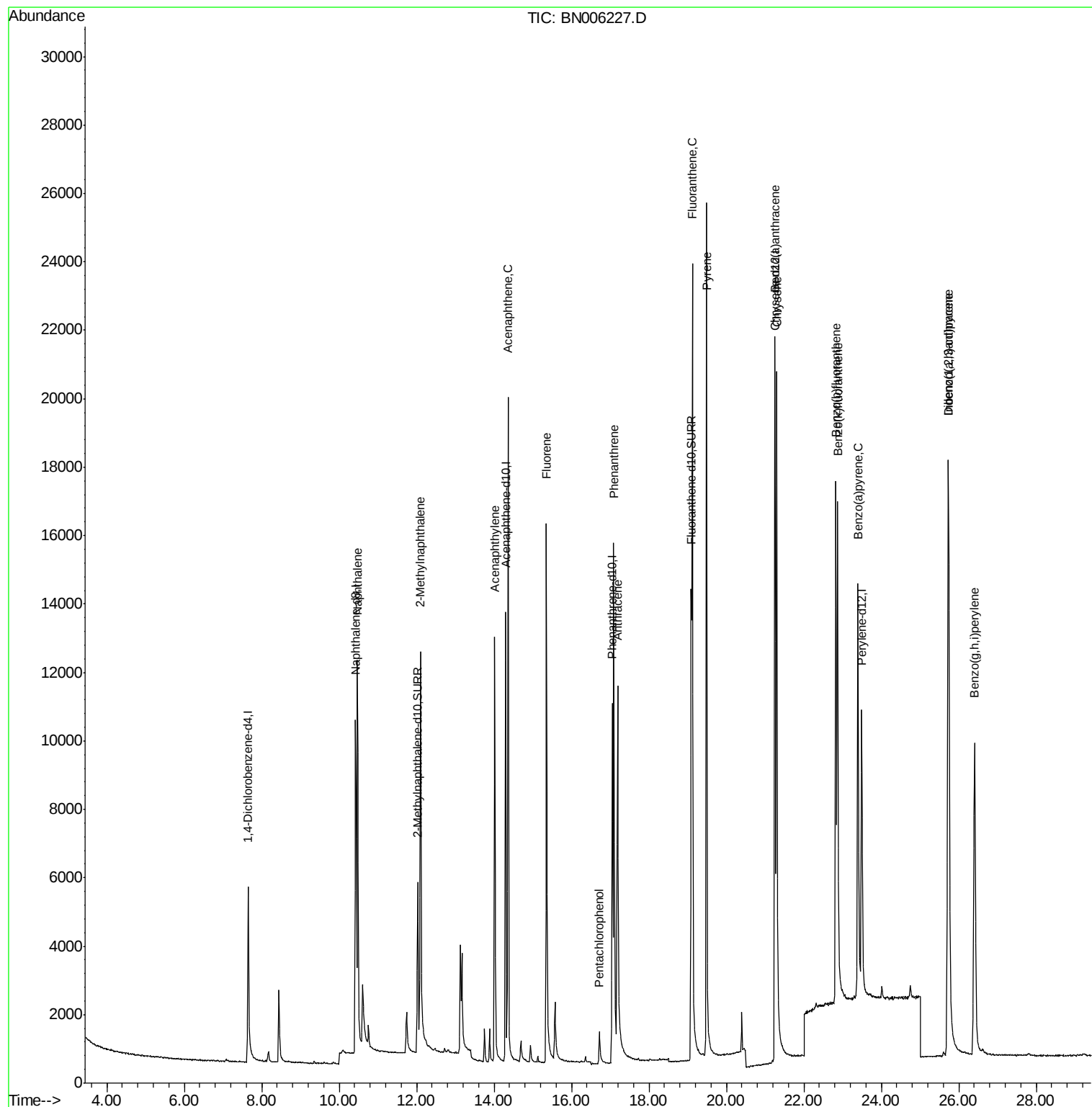
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3856	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15116	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7472	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14786	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11280	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	12655	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8855	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16480	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	17863	0.428	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	11123	0.383	ng/ul	98
7) Acenaphthylene	14.01	152	16113	0.388	ng/ul	99
8) Acenaphthene	14.36	153	11976	0.416	ng/ul	99
9) Fluorene	15.35	166	12497	0.371	ng/ul	96
11) Pentachlorophenol	16.72	266	1142	0.304	ng/ul	99
12) Phenanthrene	17.09	178	18763	0.395	ng/ul	100
13) Anthracene	17.19	178	16014	0.353	ng/ul	99
15) Fluoranthene	19.12	202	21534	0.411	ng/ul	94
17) Pyrene	19.49	202	22772	0.383	ng/ul	99
18) Benzo(a)anthracene	21.25	228	18134	0.363	ng/ul	99
19) Chrysene	21.30	228	22317	0.476	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	19813	0.375	ng/ul	94
22) Benzo(k)fluoranthene	22.87	252	21818	0.424	ng/ul	96
23) Benzo(a)pyrene	23.40	252	20129	0.410	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.72	276	23429	0.440	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.74	278	18436	0.434	ng/ul	94
26) Benzo(g,h,i)perylene	26.41	276	20242	0.454	ng/ul	95

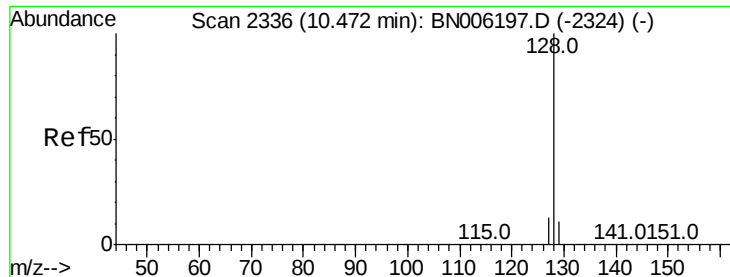
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.428 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

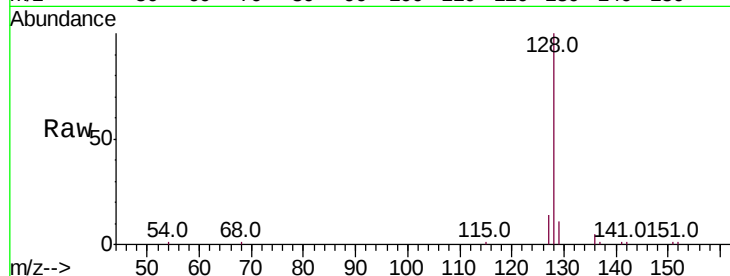
Tot Ion:128 Resp: 17863

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

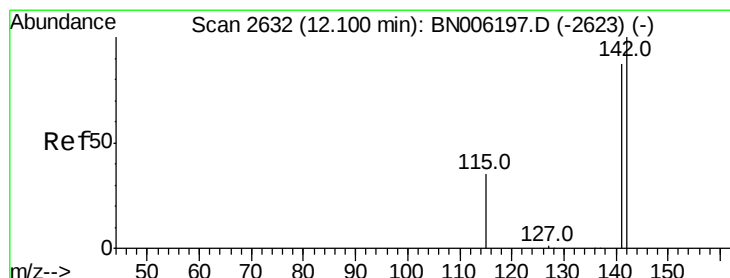
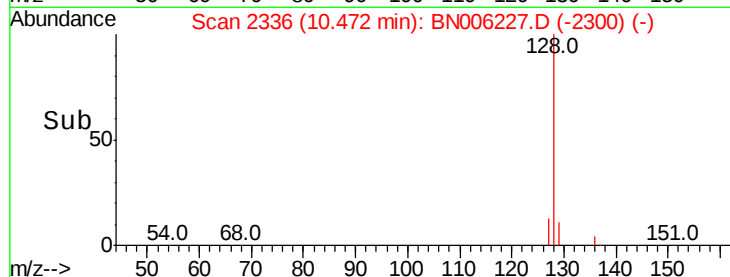
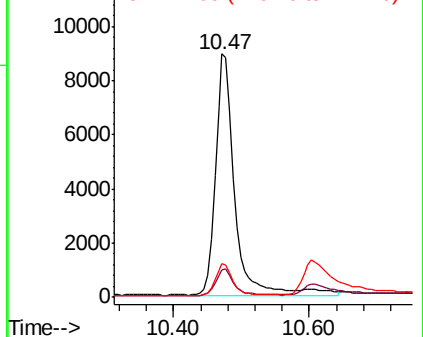
127 13.6 10.7 16.1



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: 0.383 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006227.D

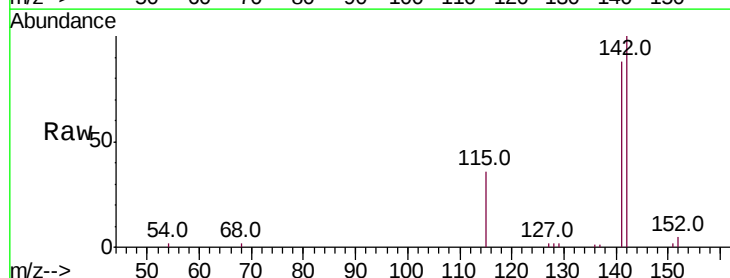
Acq: 10 Jun 2019 17:42

Tgt Ion:142 Resp: 11123

Ion Ratio Lower Upper

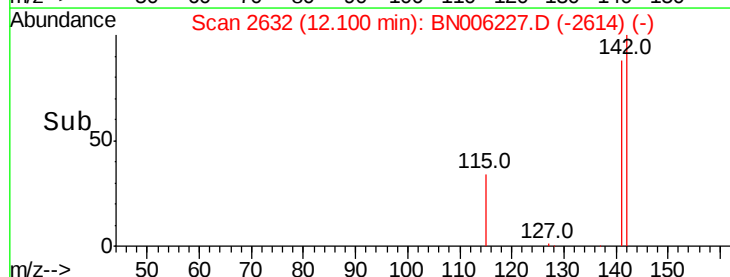
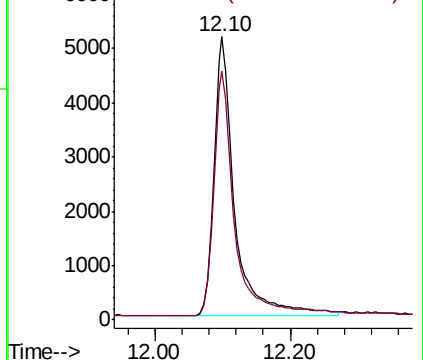
142 100

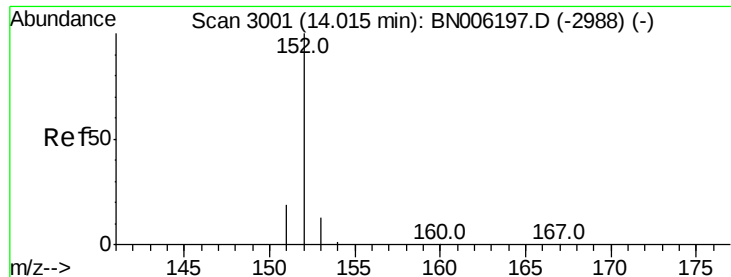
141 89.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.388 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

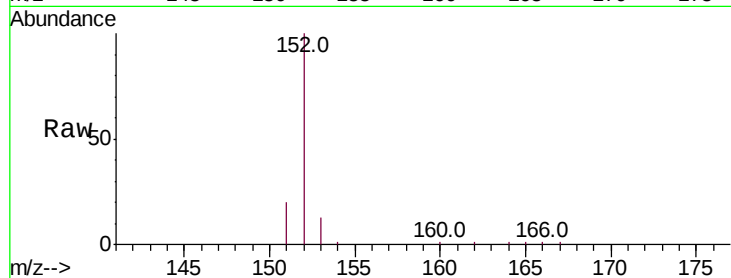
Tot Ion:152 Resp: 16113

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

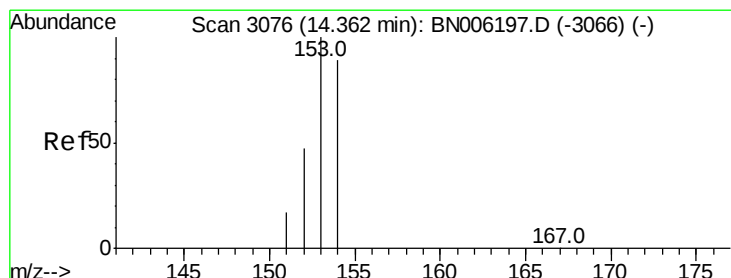
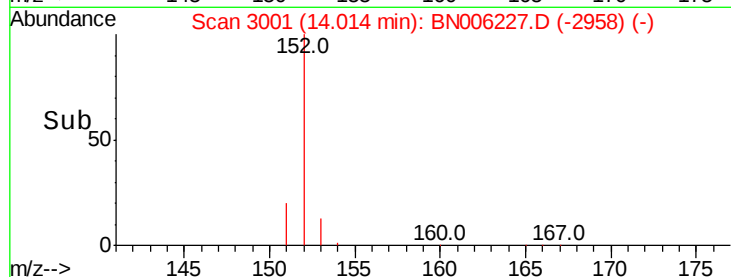
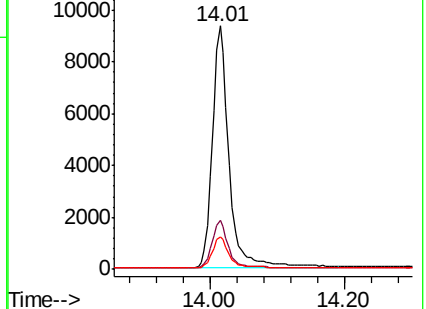
153 13.4 10.8 16.2



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: 0.416 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

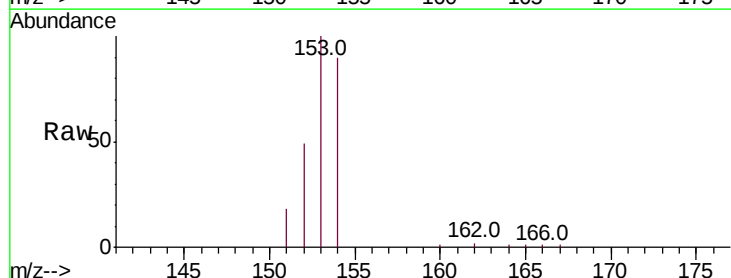
Tgt Ion:153 Resp: 11976

Ion Ratio Lower Upper

153 100

152 48.7 39.1 58.7

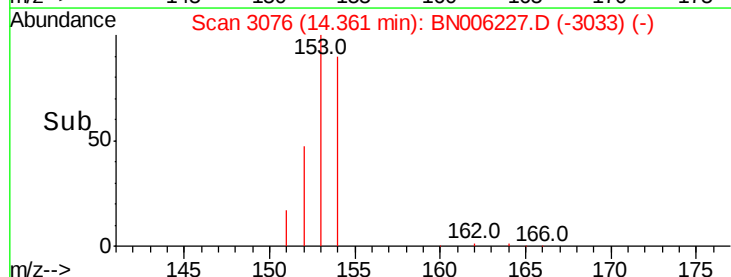
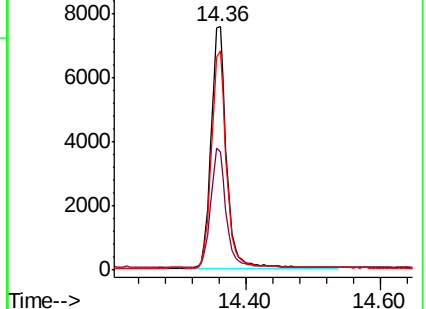
154 90.1 71.1 106.7

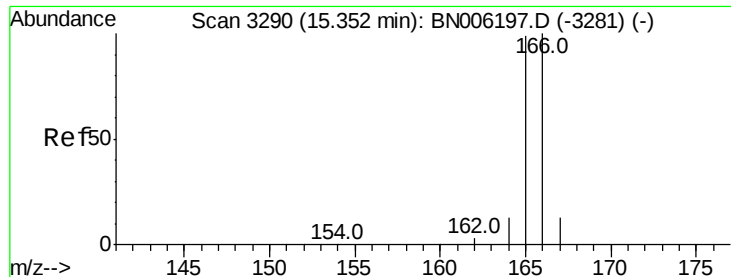


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.371 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

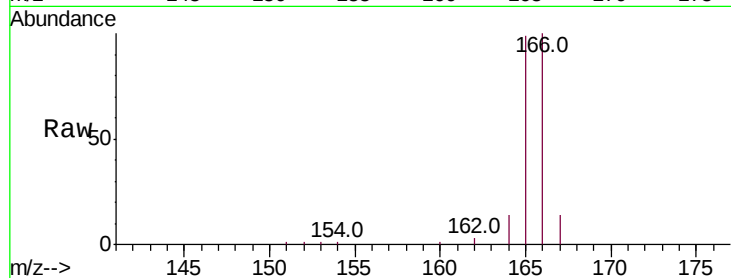
Tot Ion:166 Resp: 12497

Ion	Ratio	Lower	Upper
166	100		
165	99.4	76.4	114.6
167	13.8	11.0	16.6

166 100

165 99.4 76.4 114.6

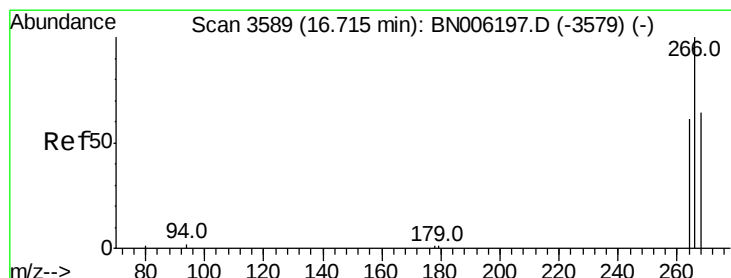
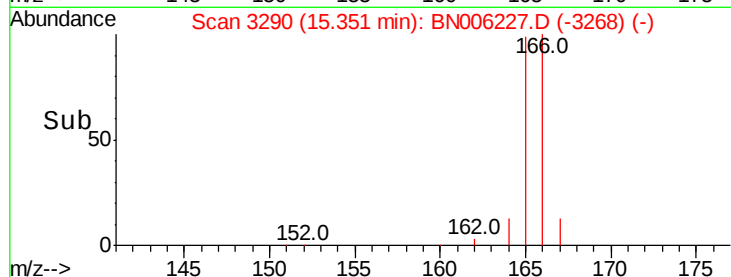
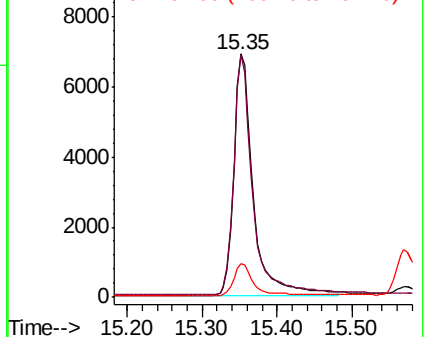
167 13.8 11.0 16.6



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: 0.304 ng/ul

RT: 16.72 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

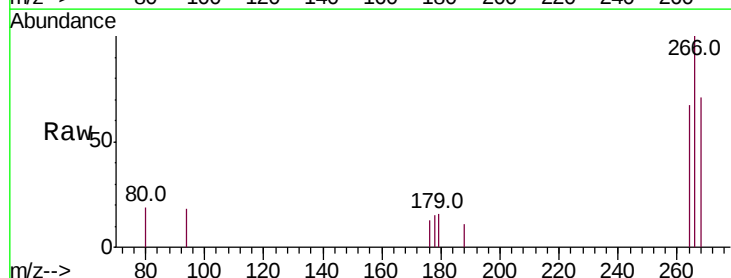
Tgt Ion:266 Resp: 1142

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.3	75.5
268	63.0	51.3	76.9

266 100

264 63.9 50.3 75.5

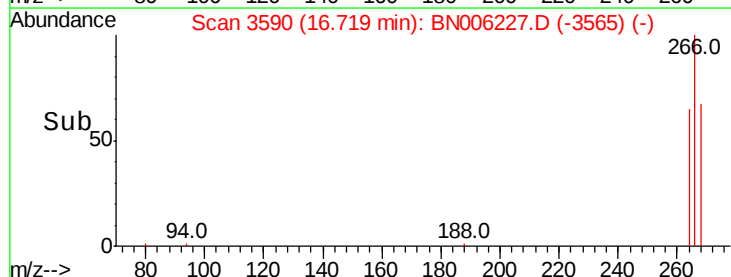
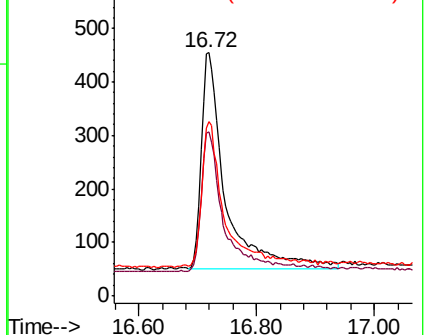
268 63.0 51.3 76.9

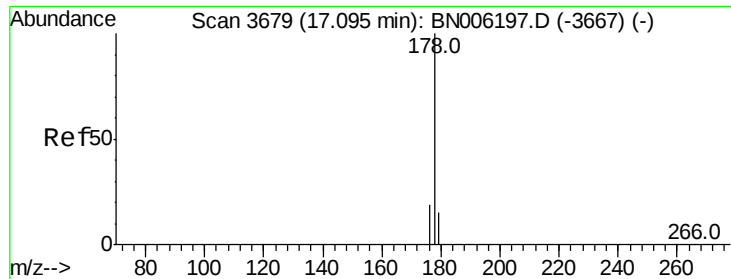


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

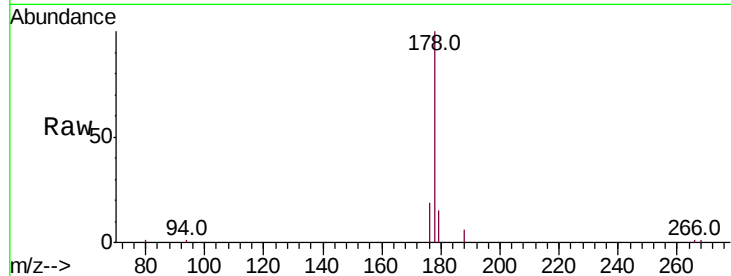
Tot Ion:178 Resp: 18763

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

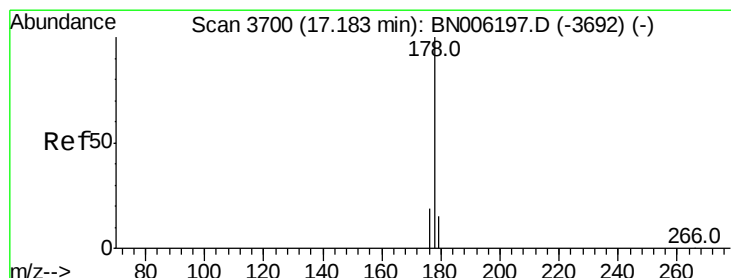
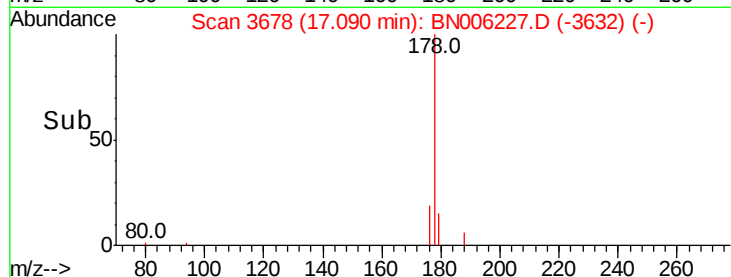
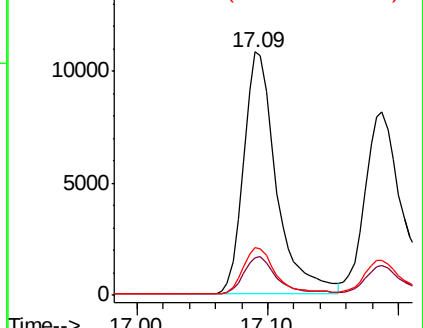
176 19.4 15.3 22.9



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: 0.353 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

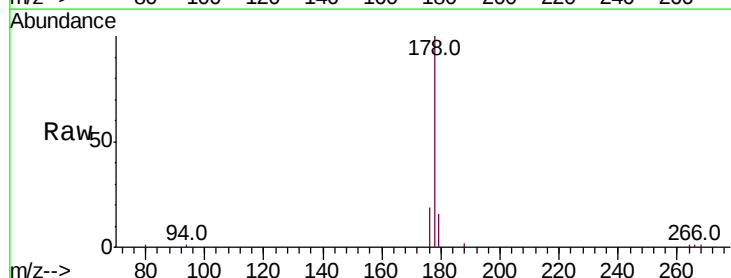
Tgt Ion:178 Resp: 16014

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.4

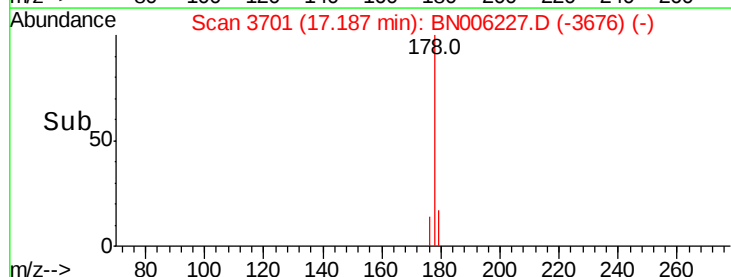
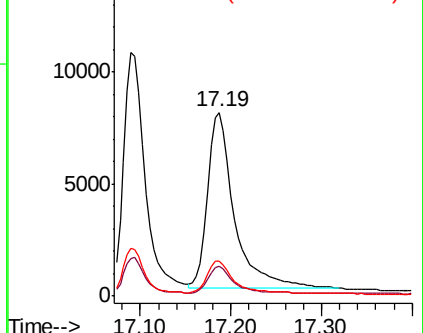
176 19.2 15.1 22.7

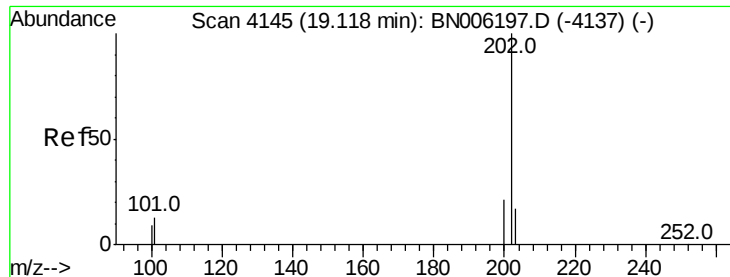


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.411 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

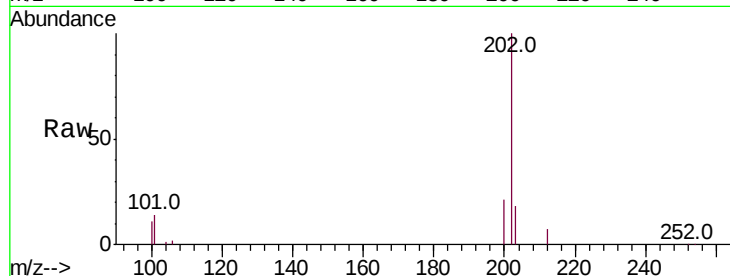
Tot Ion:202 Resp: 21534

Ion Ratio Lower Upper

202 100

101 14.3 0.0 32.1

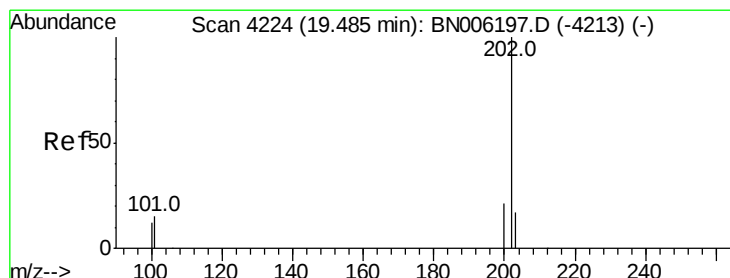
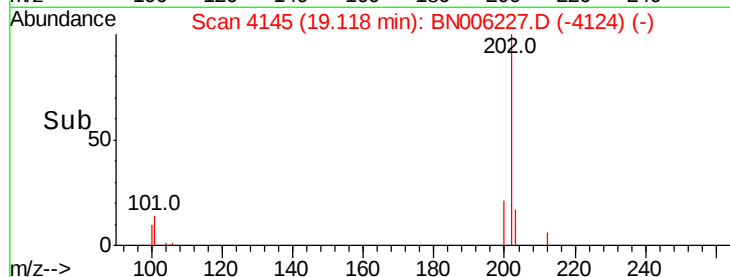
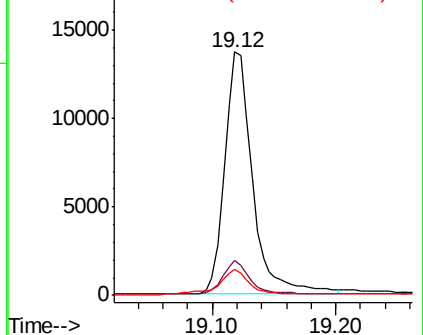
100 10.7 0.0 28.7



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: 0.383 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

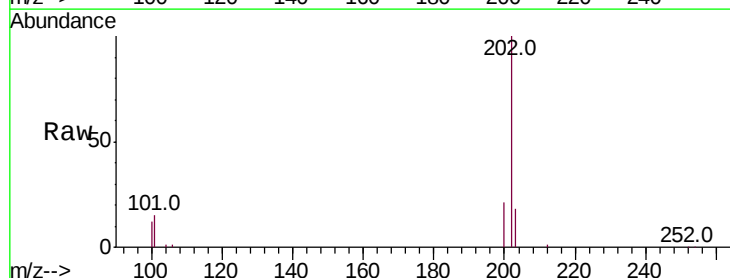
Tgt Ion:202 Resp: 22772

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.2

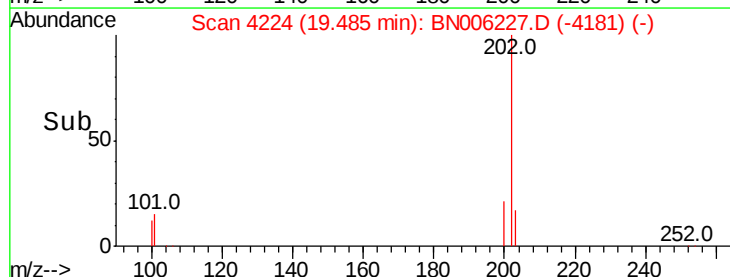
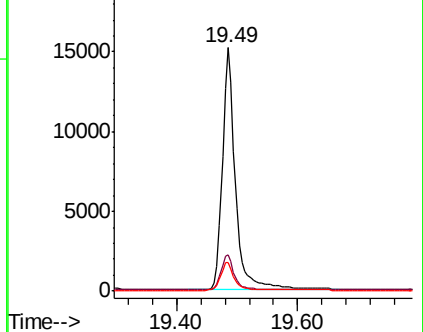
100 11.8 9.8 14.6

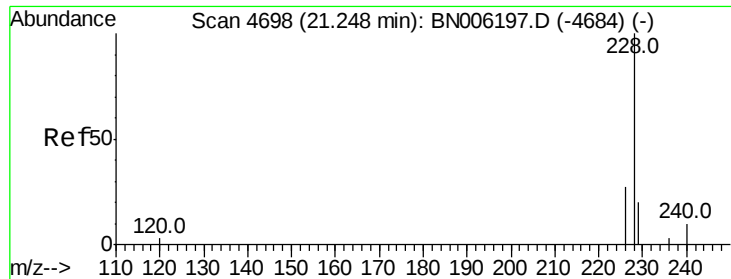


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.363 ng/ul

RT: 21.25 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

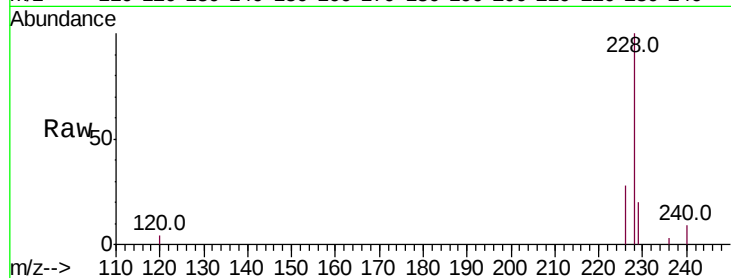
Tot Ion:228 Resp: 18134

Ion Ratio Lower Upper

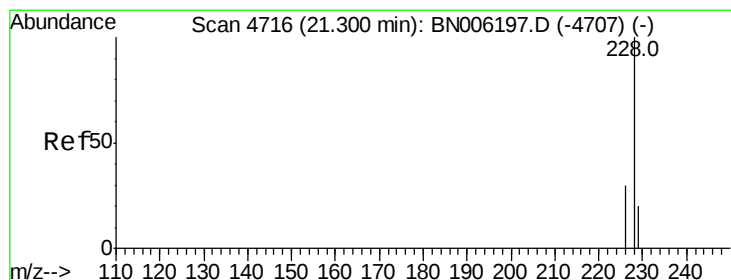
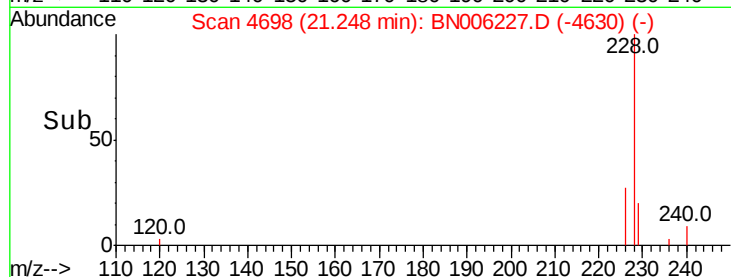
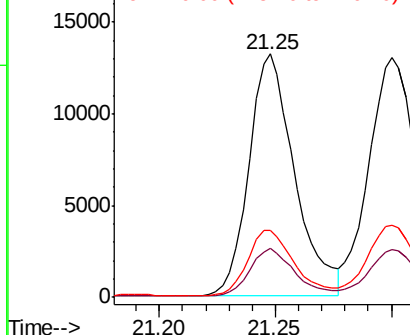
228 100

229 20.2 16.5 24.7

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: 0.476 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

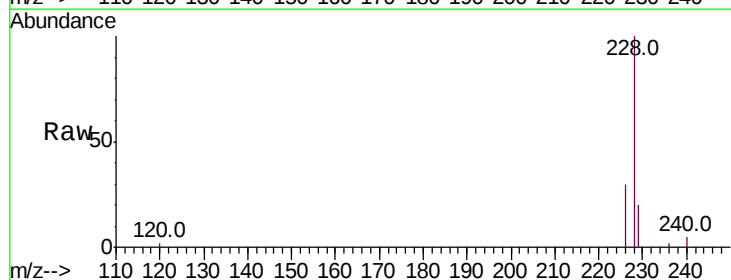
Tgt Ion:228 Resp: 22317

Ion Ratio Lower Upper

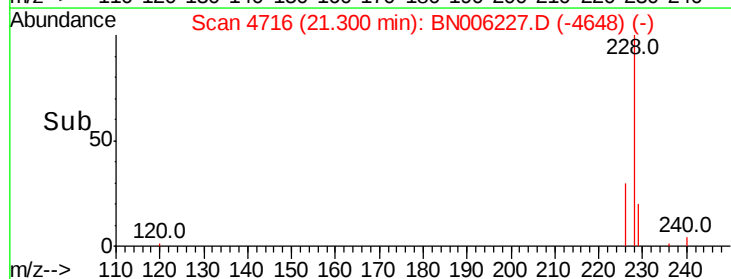
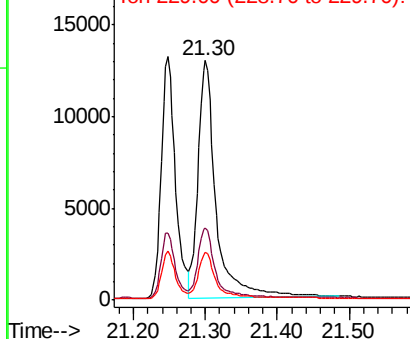
228 100

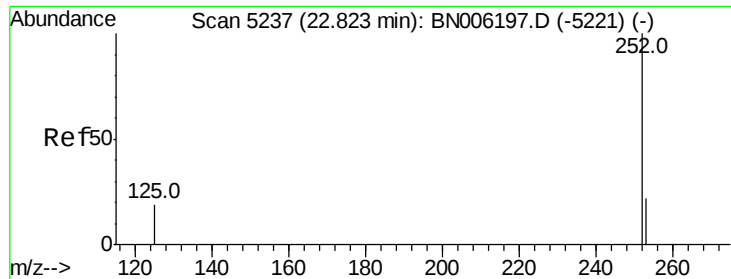
226 30.4 25.0 37.6

229 20.1 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: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

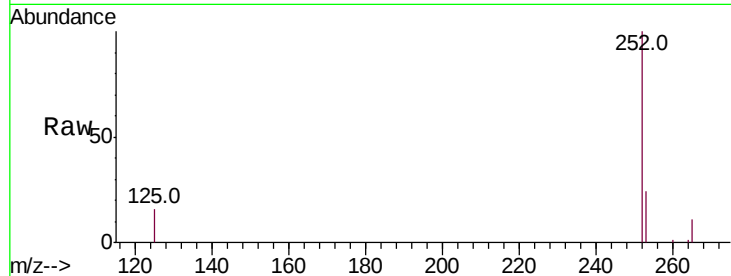
Tot Ion:252 Resp: 19813

Ion Ratio Lower Upper

252 100

253 24.0 0.0 51.4

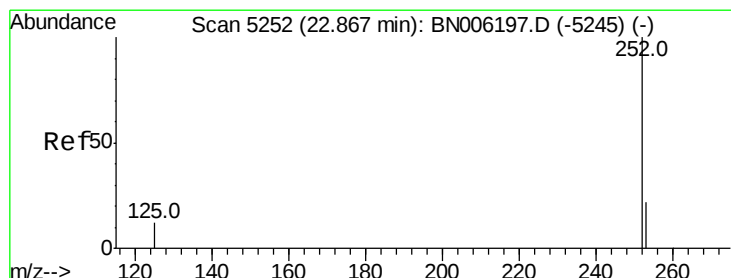
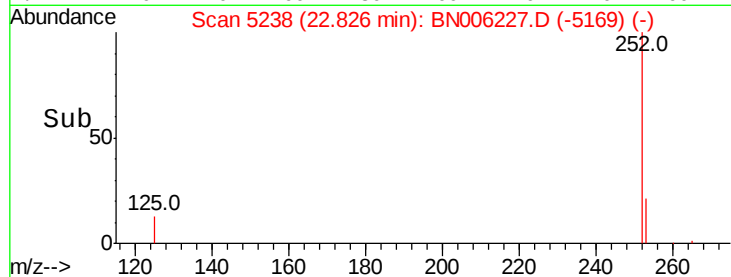
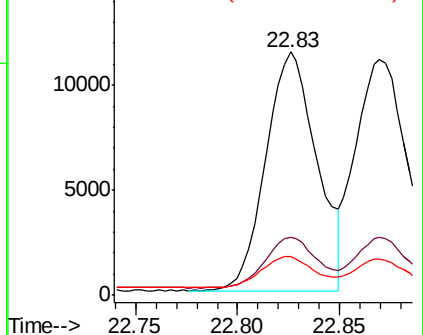
125 15.9 0.0 41.0



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: 0.424 ng/ul

RT: 22.87 min Scan# 5253

Delta R.T. 0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

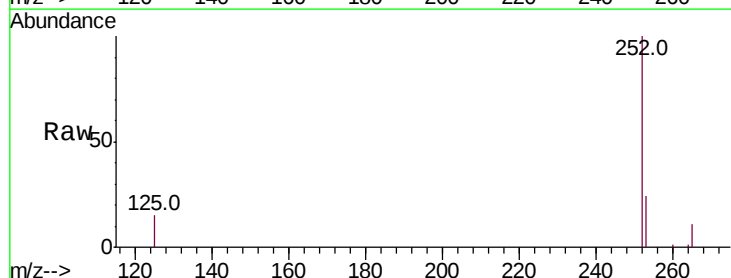
Tgt Ion:252 Resp: 21818

Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

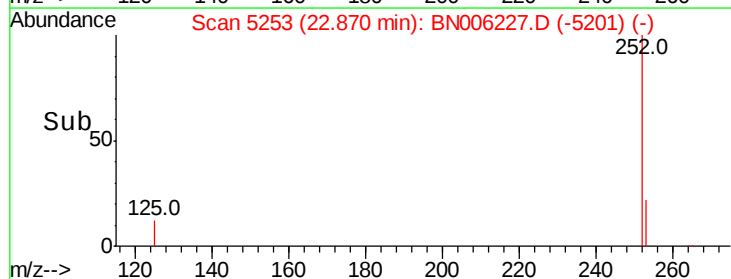
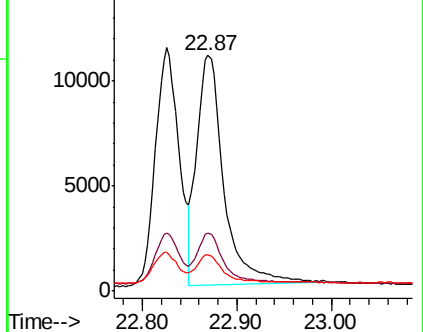
125 15.1 14.3 21.5

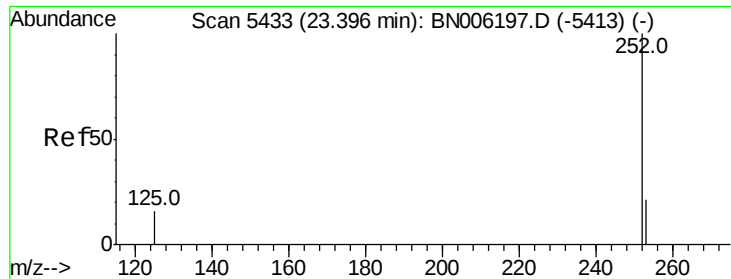


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.410 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

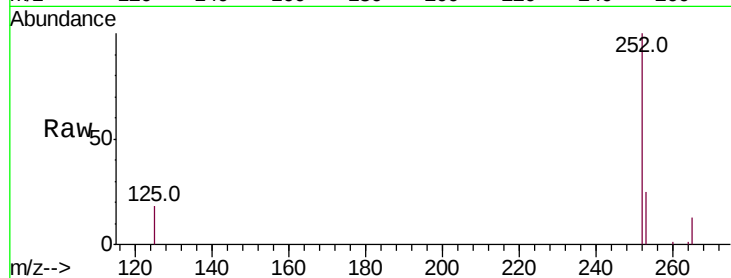
Tot Ion:252 Resp: 20129

Ion Ratio Lower Upper

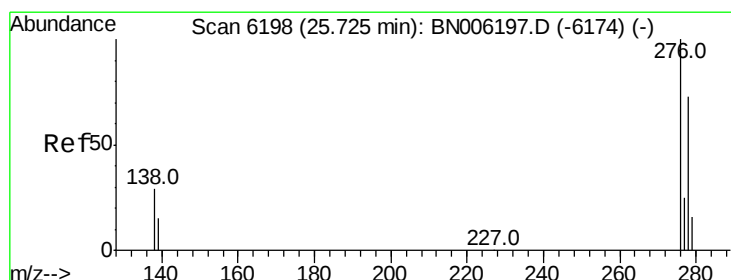
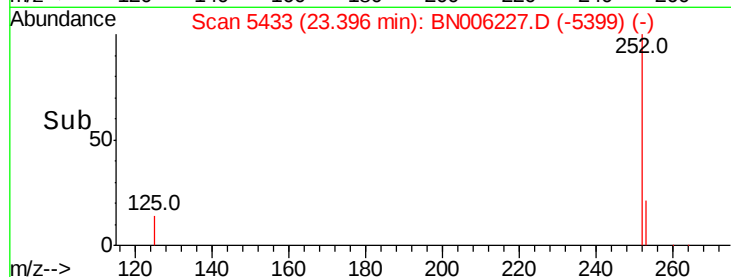
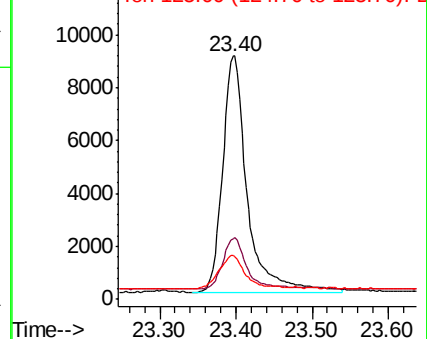
252 100

253 25.0 21.1 31.7

125 18.3 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: 0.440 ng/ul

RT: 25.72 min Scan# 6198

Delta R.T. -0.00 min

Lab File: BN006227.D

Acq: 10 Jun 2019 17:42

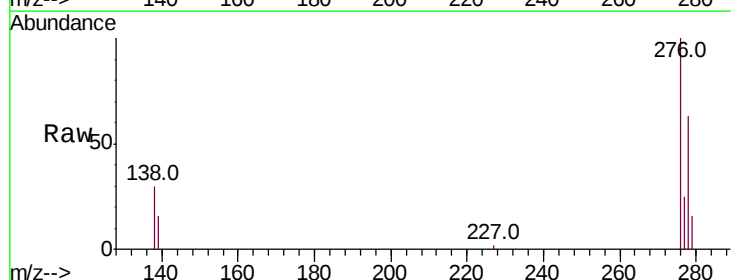
Tgt Ion:276 Resp: 23429

Ion Ratio Lower Upper

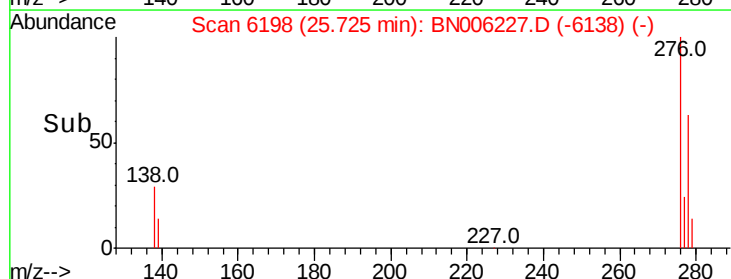
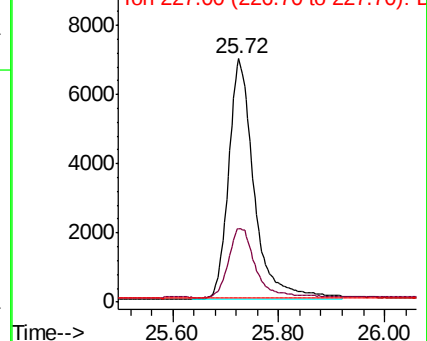
276 100

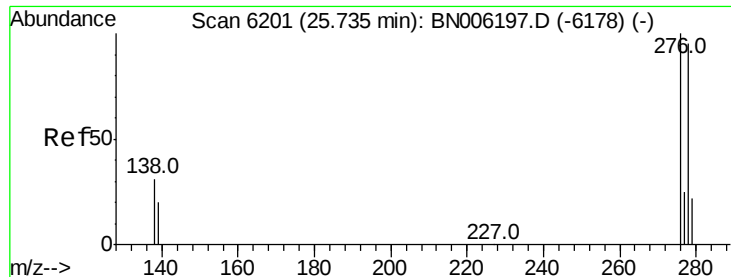
138 30.8 25.6 38.4

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

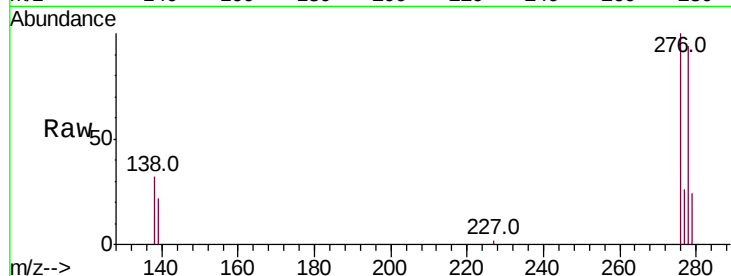




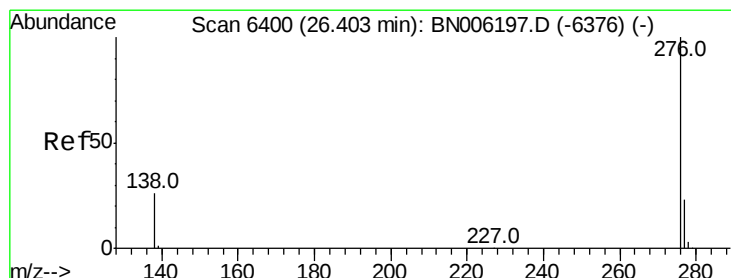
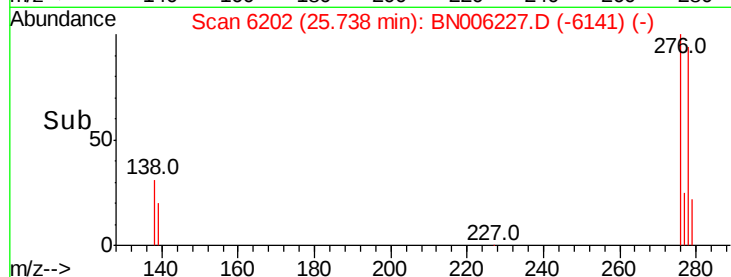
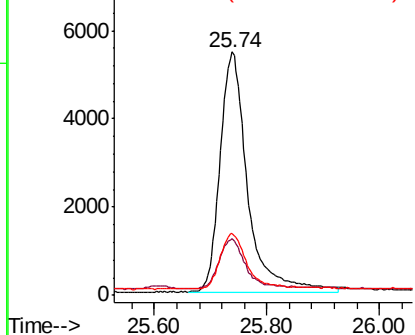
#25
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. 0.00 min
Lab File: BN006227.D
Acq: 10 Jun 2019 17:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 18436
Ion Ratio Lower Upper
278 100
139 23.3 21.2 31.8
279 25.4 22.6 33.8

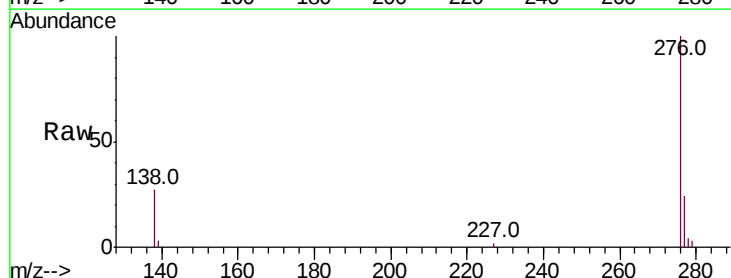


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. 0.01 min
Lab File: BN006227.D
Acq: 10 Jun 2019 17:42

Tgt Ion:276 Resp: 20242
Ion Ratio Lower Upper
276 100
138 27.5 24.2 36.4
277 24.4 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

