

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006148.D
 Acq On : 06 Jun 2019 22:19
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.497

Quant Time: Jun 07 00:29:43 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 : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5597	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21349	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10313	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21222	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	18325	0.40	ng/ul	-0.03
20) Perylene-d12	23.50	264	19217	0.40	ng/ul	-0.06

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	11952	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	23304	0.41	ng/ul	0.00

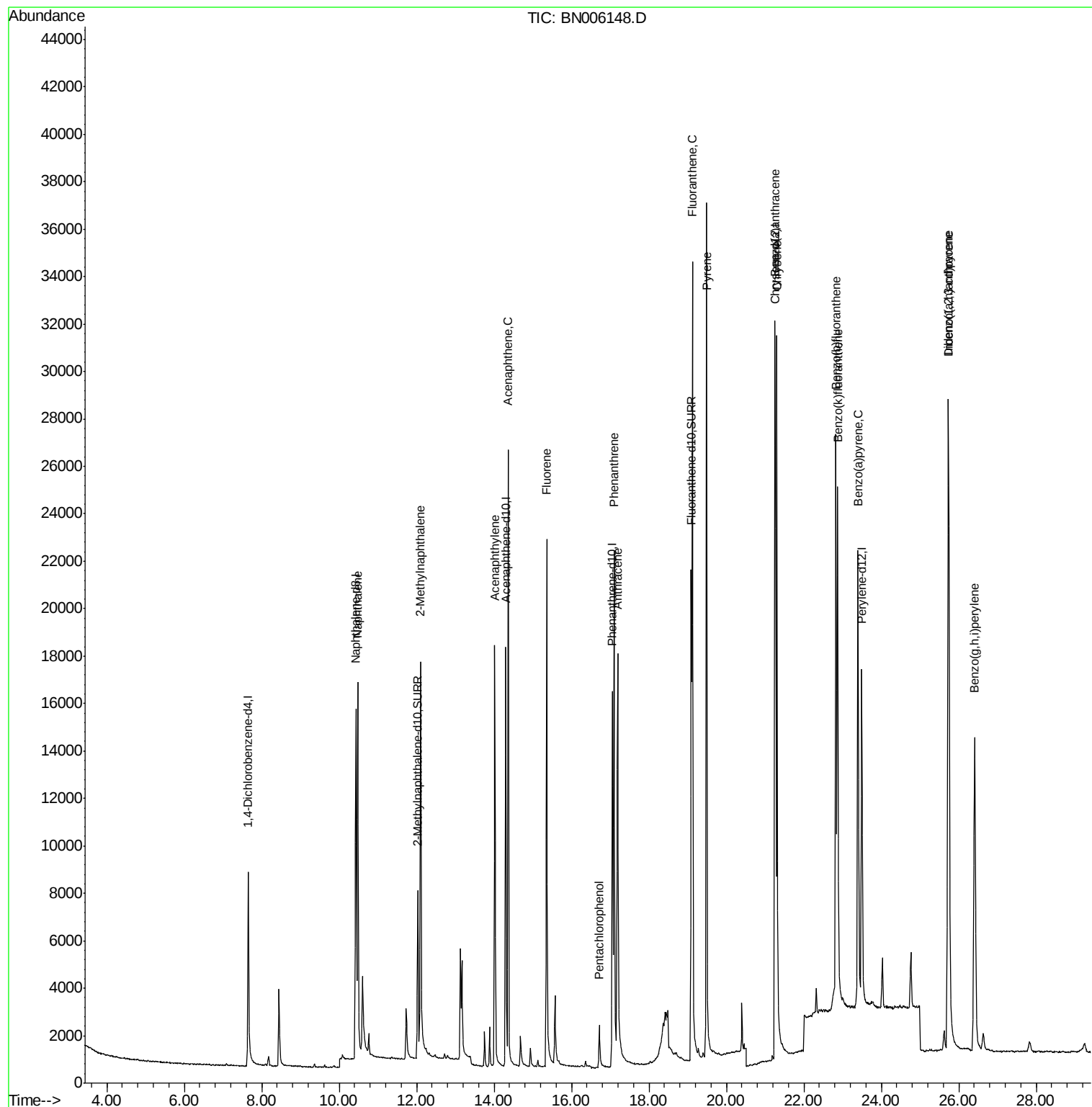
Target Compounds					Qvalue
3) Naphthalene	10.48	128	22891	0.389	ng/ul 100
5) 2-Methylnaphthalene	12.10	142	14962	0.364	ng/ul 98
7) Acenaphthylene	14.02	152	22285	0.389	ng/ul 100
8) Acenaphthene	14.36	153	15663	0.394	ng/ul 99
9) Fluorene	15.36	166	16605	0.357	ng/ul 98
11) Pentachlorophenol	16.71	266	1909	0.354	ng/ul 98
12) Phenanthrene	17.09	178	25359	0.372	ng/ul 99
13) Anthracene	17.19	178	23268	0.358	ng/ul 99
15) Fluoranthene	19.12	202	30817	0.410	ng/ul 97
17) Pyrene	19.49	202	32032	0.332	ng/ul 98
18) Benzo(a)anthracene	21.25	228	26947	0.332	ng/ul 99
19) Chrysene	21.30	228	31208	0.410	ng/ul 99
21) Benzo(b)fluoranthene	22.83	252	27916	0.348	ng/ul 95
22) Benzo(k)fluoranthene	22.87	252	30977	0.397	ng/ul 98
23) Benzo(a)pyrene	23.40	252	29237	0.392	ng/ul 96
24) Indeno(1,2,3-cd)pyrene	25.73	276	33277	0.412	ng/ul# 96
25) Dibenzo(a,h)anthracene	25.74	278	26335	0.408	ng/ul 94
26) Benzo(g,h,i)perylene	26.41	276	28090	0.415	ng/ul 97

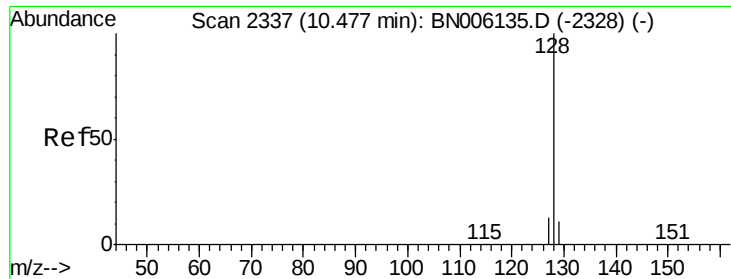
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.497

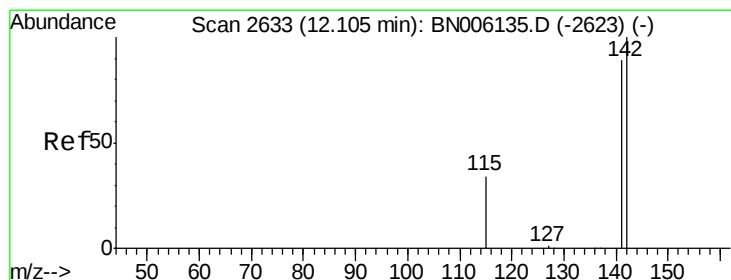
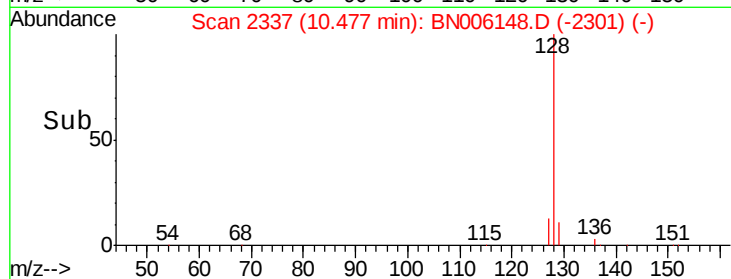
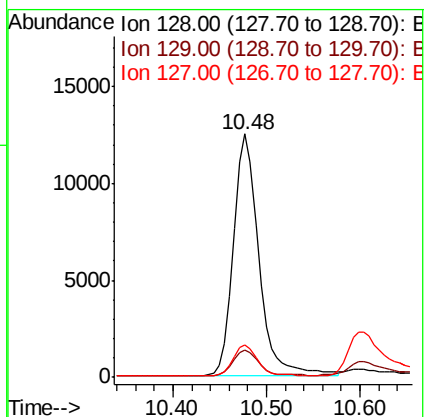
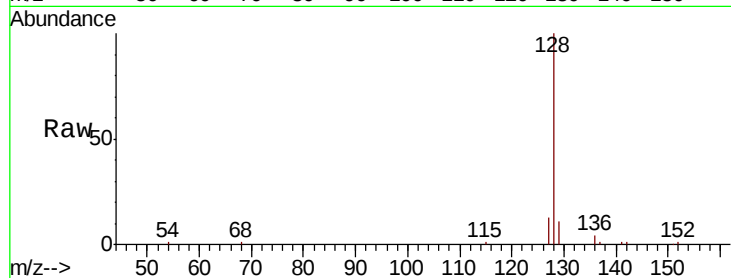
Tgt Ion:128 Resp: 22891

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.4 10.7 16.1



#5

2-Methylnaphthalene

Concen: 0.364 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006148.D

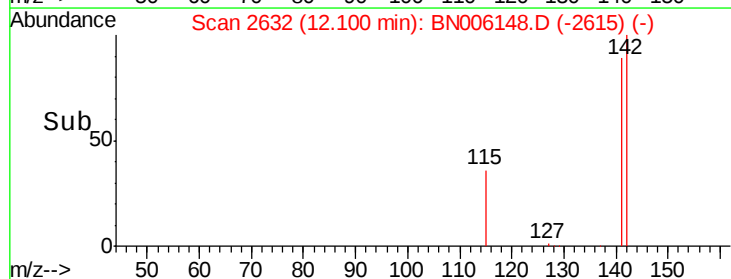
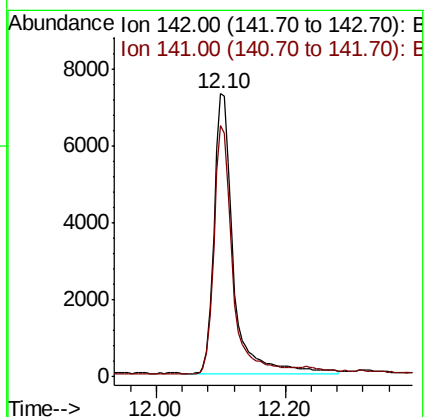
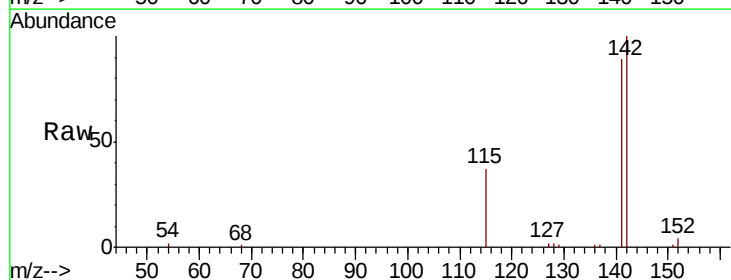
Acq: 06 Jun 2019 22:19

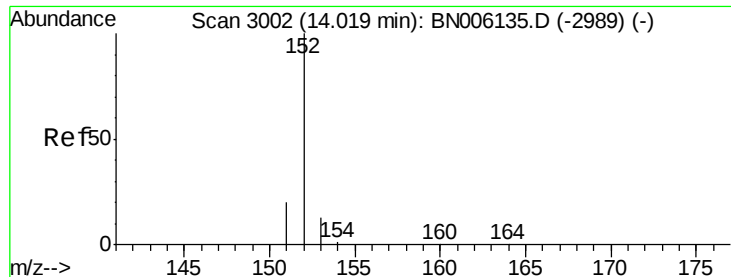
Tgt Ion:142 Resp: 14962

Ion Ratio Lower Upper

142 100

141 89.4 70.3 105.5





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.497

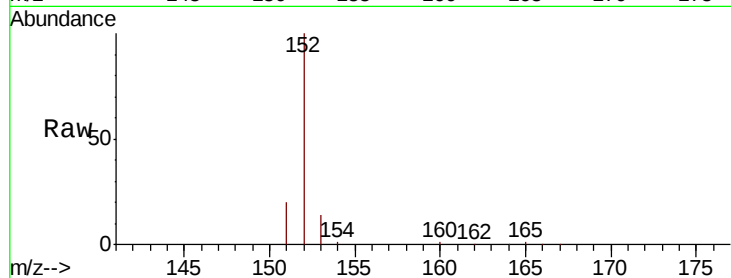
Tgt Ion:152 Resp: 22285

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

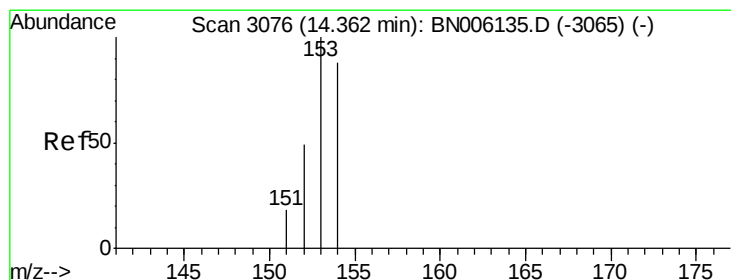
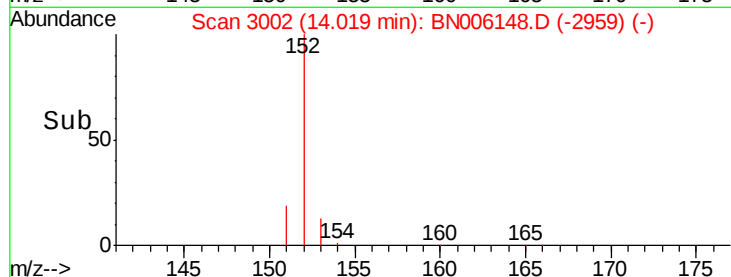
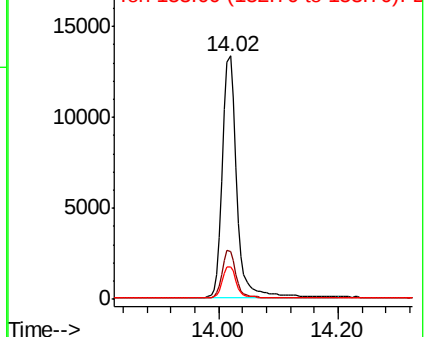
153 13.5 10.8 16.2



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: 0.394 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

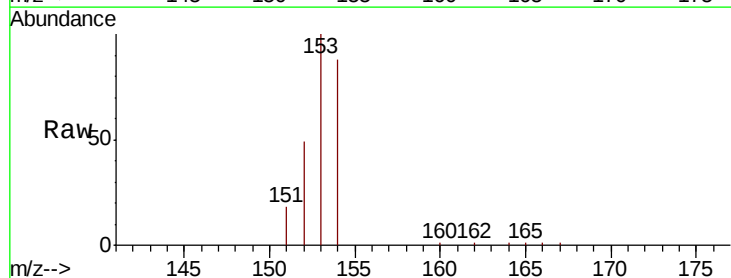
Tgt Ion:153 Resp: 15663

Ion Ratio Lower Upper

153 100

152 49.4 39.1 58.7

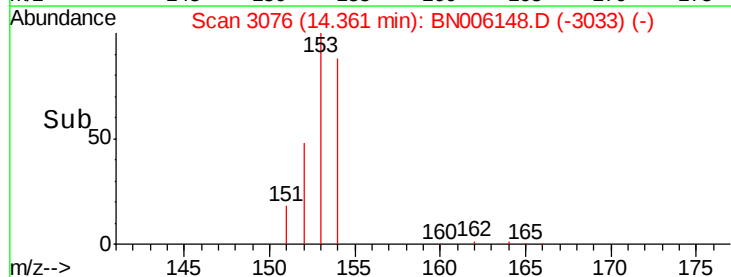
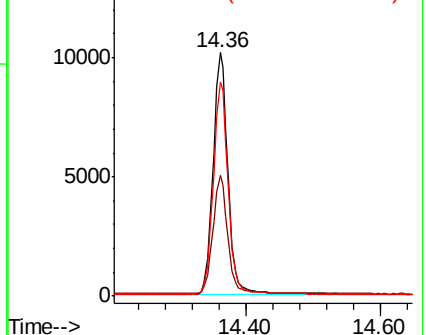
154 88.0 71.1 106.7

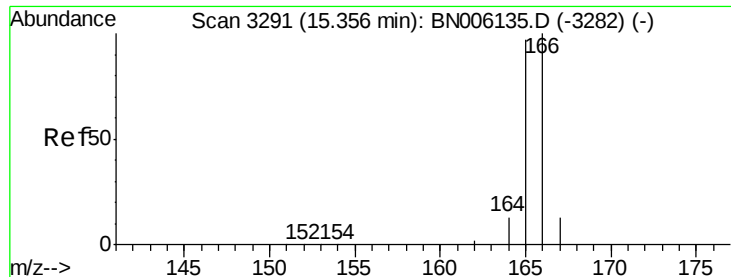


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

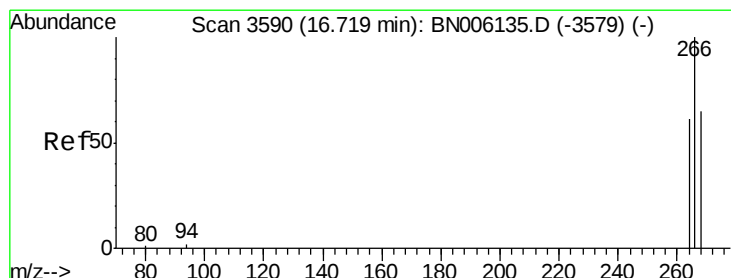
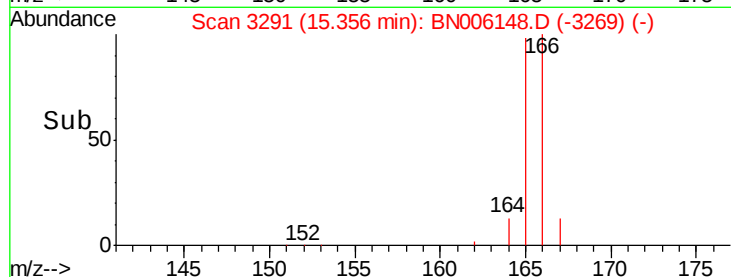
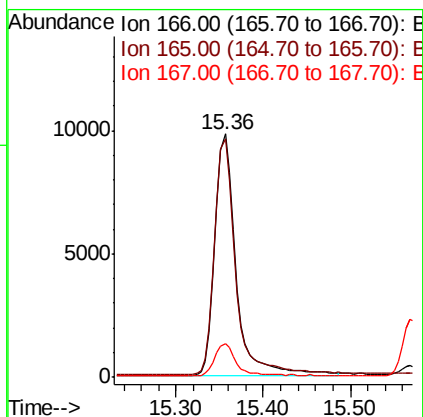
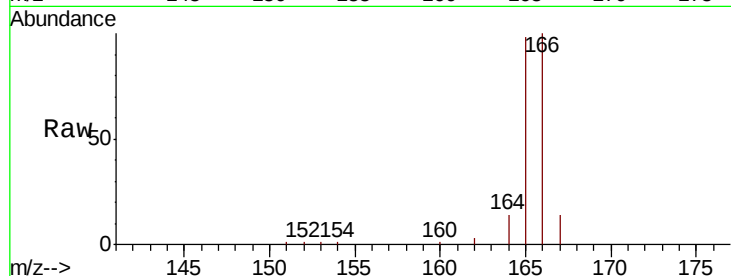




#9
Fluorene
 Concen: 0.357 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BN006148.D
 Acq: 06 Jun 2019 22:19

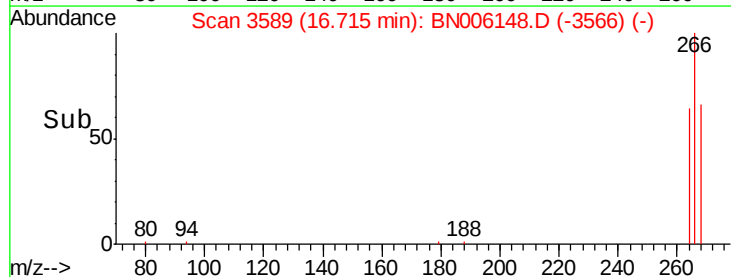
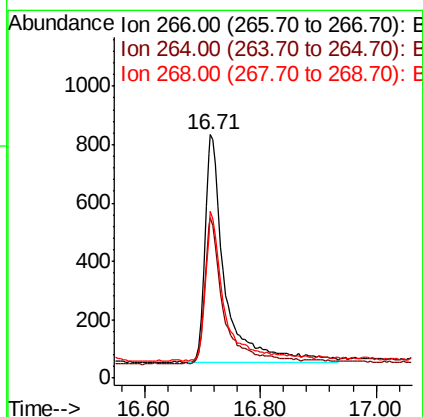
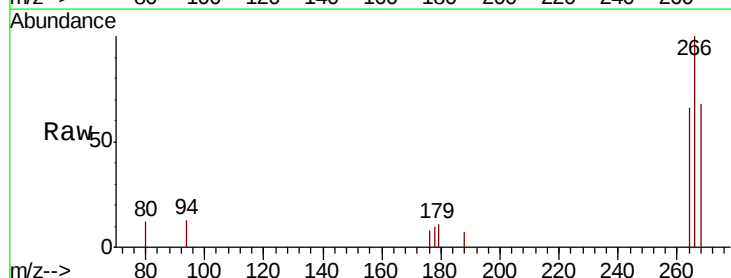
Instrument :
 BNA_N
 ClientSampleId :
 SST0.497

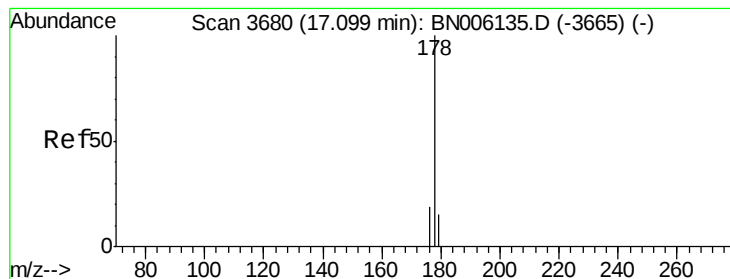
Tgt Ion:166 Resp: 16605
 Ion Ratio Lower Upper
 166 100
 165 97.9 76.4 114.6
 167 13.7 11.0 16.6



#11
Pentachlorophenol
 Concen: 0.354 ng/ul
 RT: 16.71 min Scan# 3589
 Delta R.T. -0.00 min
 Lab File: BN006148.D
 Acq: 06 Jun 2019 22:19

Tgt Ion:266 Resp: 1909
 Ion Ratio Lower Upper
 266 100
 264 65.8 50.3 75.5
 268 64.5 51.3 76.9





#12

Phenanthrene

Concen: 0.372 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.497

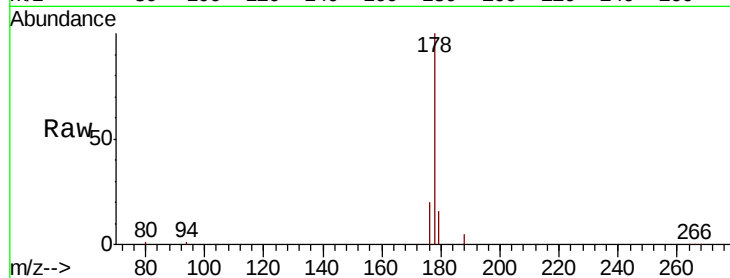
Tgt Ion:178 Resp: 25359

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.5 15.3 22.9

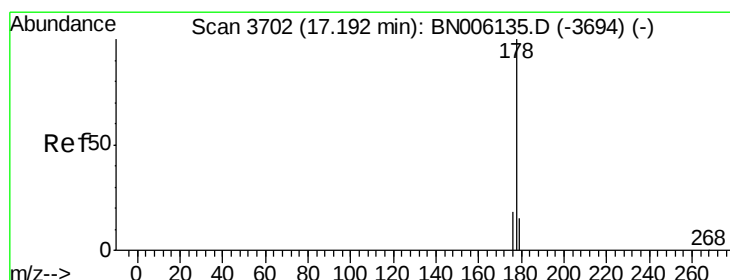
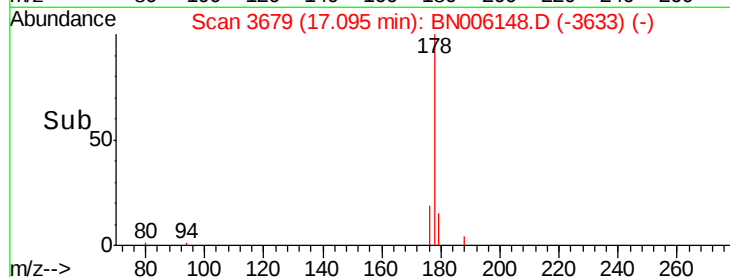
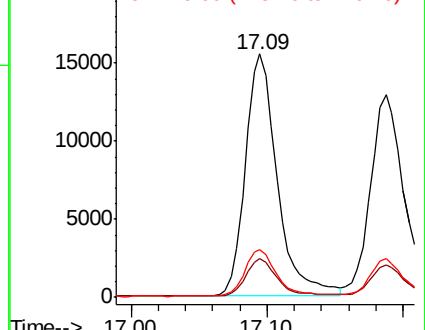


Abundance

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: 0.358 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

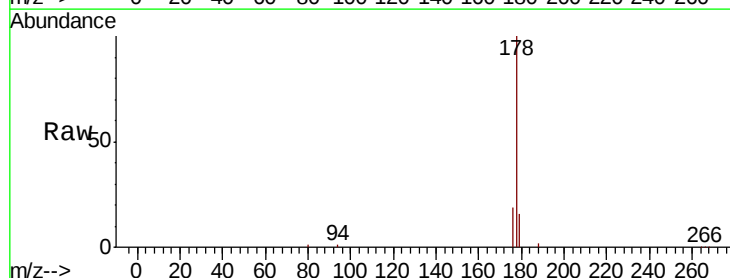
Tgt Ion:178 Resp: 23268

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 19.0 15.1 22.7

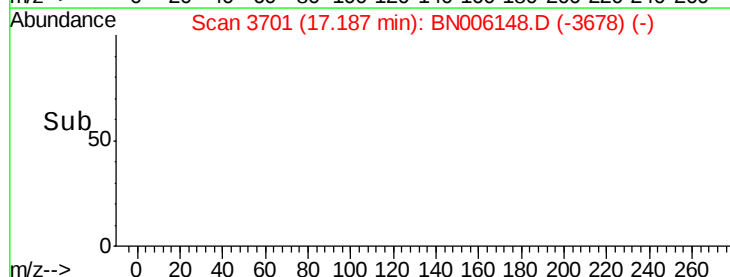
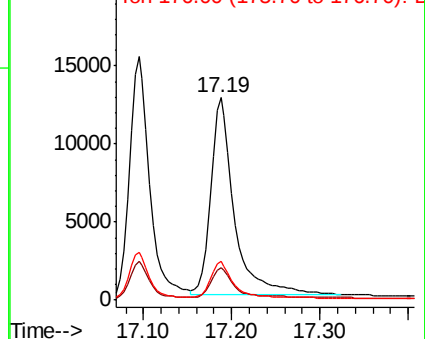


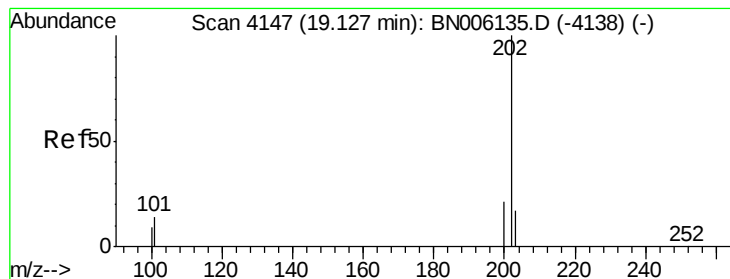
Abundance

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: 0.410 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

Instrument :

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ClientSampleId :

SSTD0.497

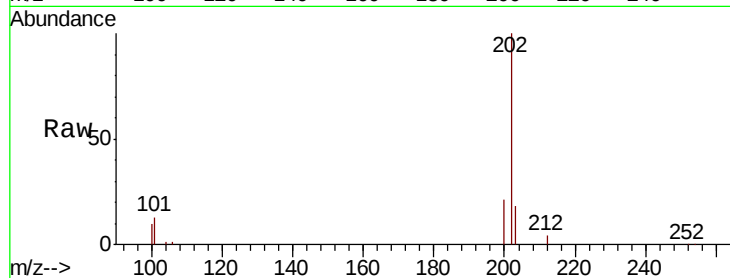
Tgt Ion:202 Resp: 30817

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.1

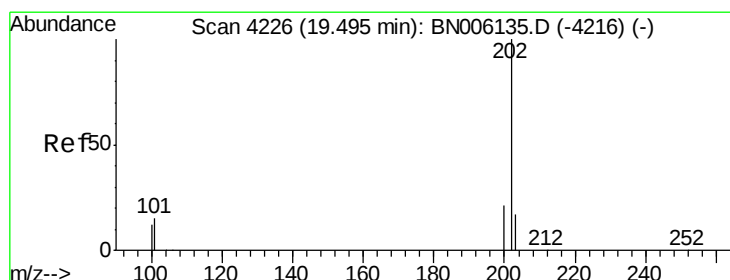
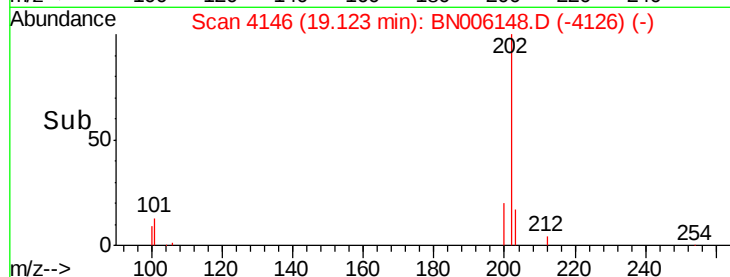
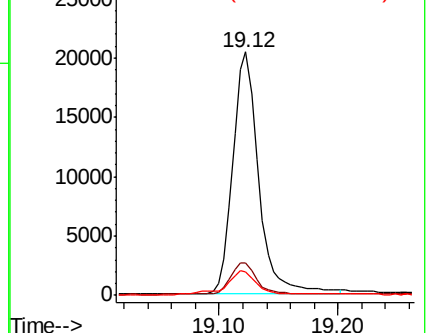
100 9.6 0.0 28.7



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: 0.332 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.01 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

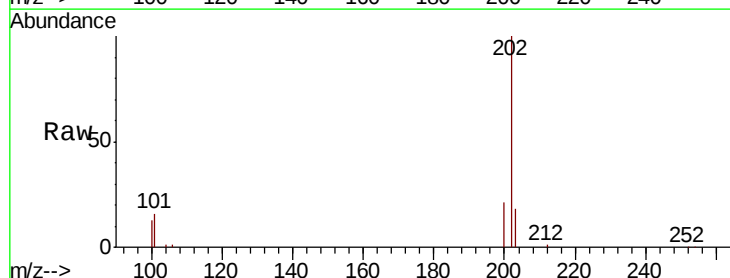
Tgt Ion:202 Resp: 32032

Ion Ratio Lower Upper

202 100

101 16.3 12.2 18.2

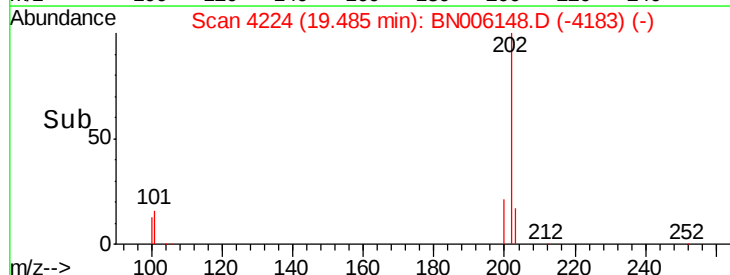
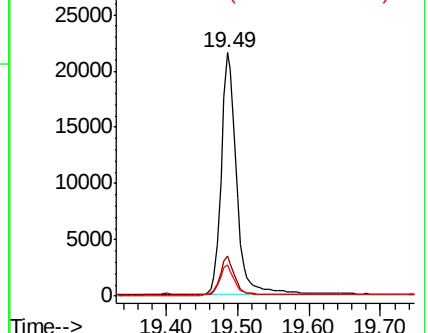
100 12.7 9.8 14.6

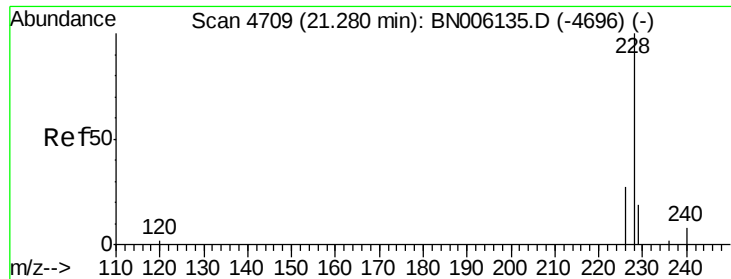


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.332 ng/ul

RT: 21.25 min Scan# 4699

Delta R.T. -0.03 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

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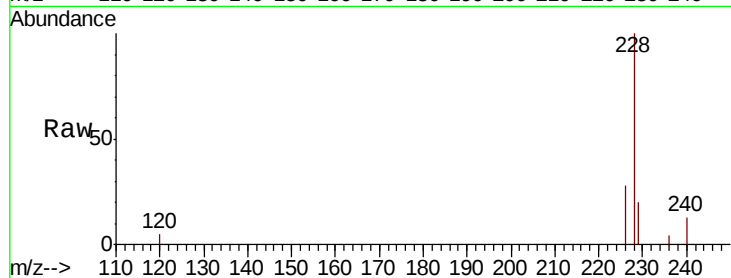
Tgt Ion:228 Resp: 26947

Ion Ratio Lower Upper

228 100

229 20.1 16.5 24.7

226 27.6 22.8 34.2

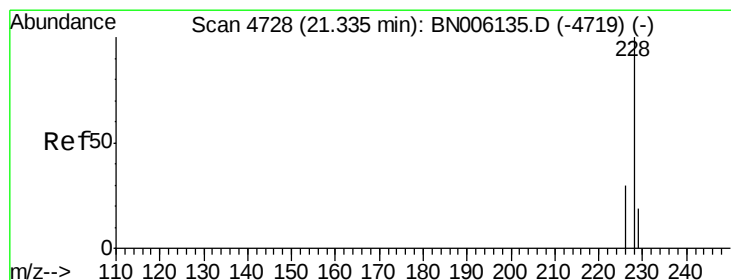
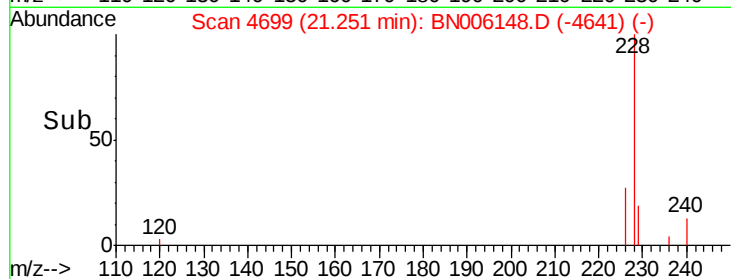
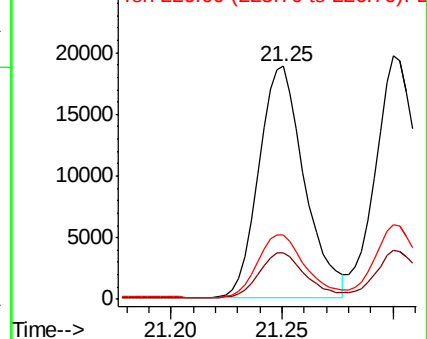


Abundance

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: 0.410 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.04 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

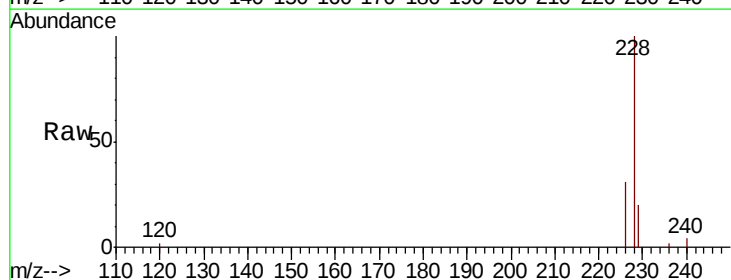
Tgt Ion:228 Resp: 31208

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 20.1 16.3 24.5

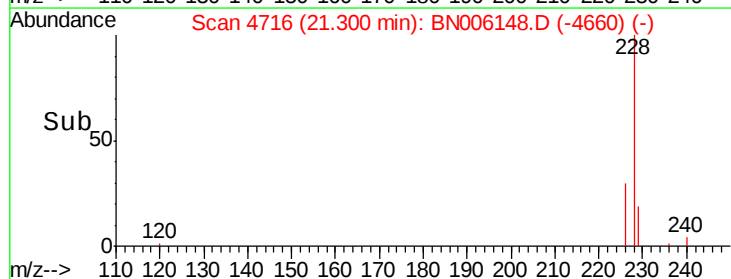
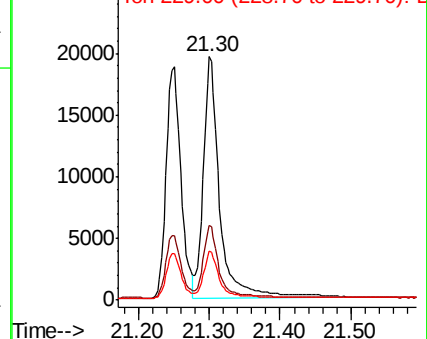


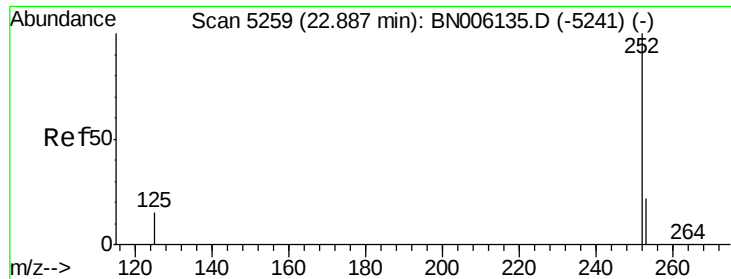
Abundance

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: 0.348 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.06 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

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SSTD0.497

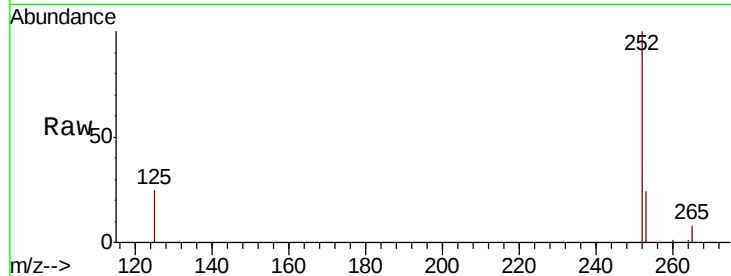
Tgt Ion:252 Resp: 27916

Ion Ratio Lower Upper

252 100

253 24.3 0.0 51.4

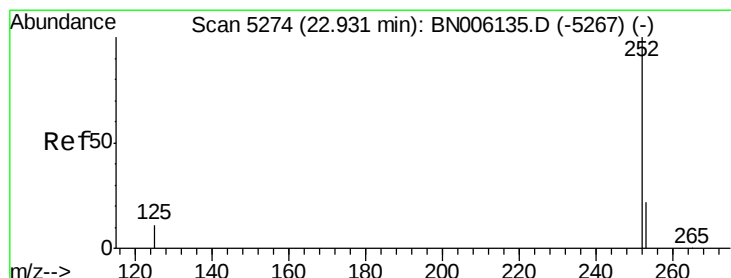
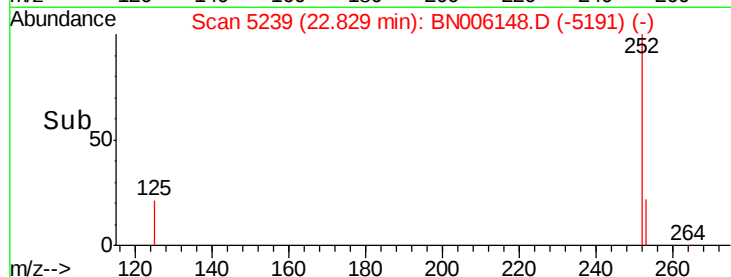
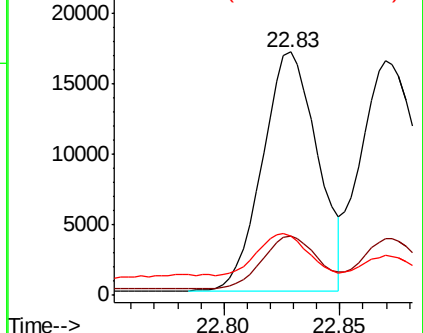
125 24.6 0.0 41.0



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: 0.397 ng/ul

RT: 22.87 min Scan# 5253

Delta R.T. -0.06 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

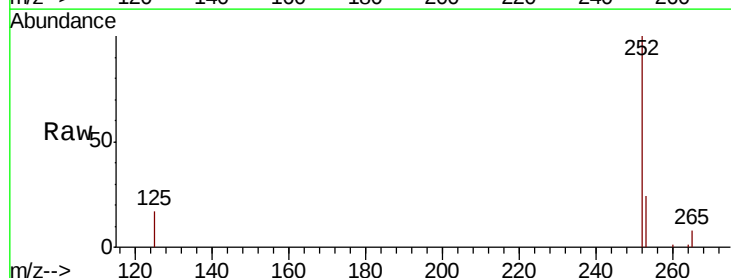
Tgt Ion:252 Resp: 30977

Ion Ratio Lower Upper

252 100

253 24.1 20.3 30.5

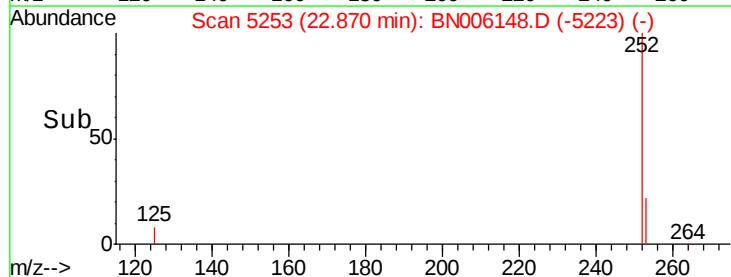
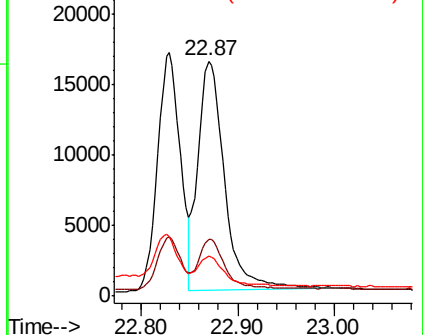
125 17.0 14.3 21.5

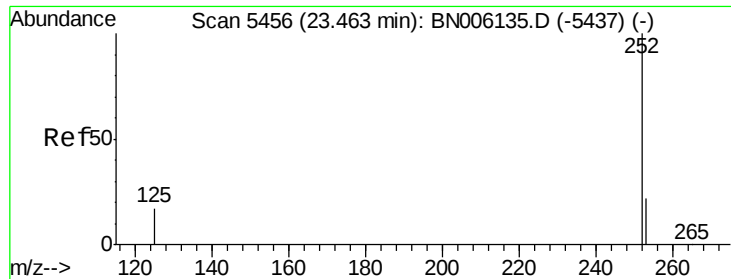


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.392 ng/u1

RT: 23.40 min Scan# 5434

Delta R.T. -0.06 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.497

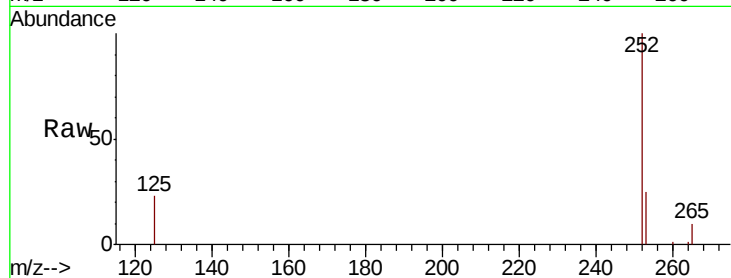
Tgt Ion:252 Resp: 29237

Ion Ratio Lower Upper

252 100

253 24.9 21.1 31.7

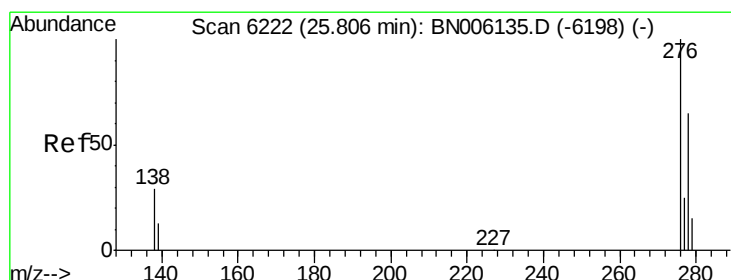
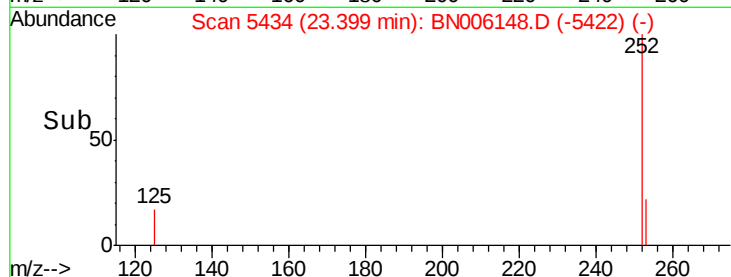
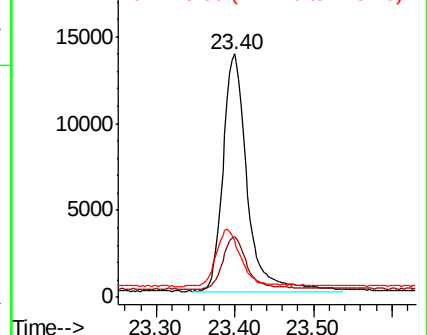
125 23.1 20.3 30.5



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: 0.412 ng/u1

RT: 25.73 min Scan# 6200

Delta R.T. -0.07 min

Lab File: BN006148.D

Acq: 06 Jun 2019 22:19

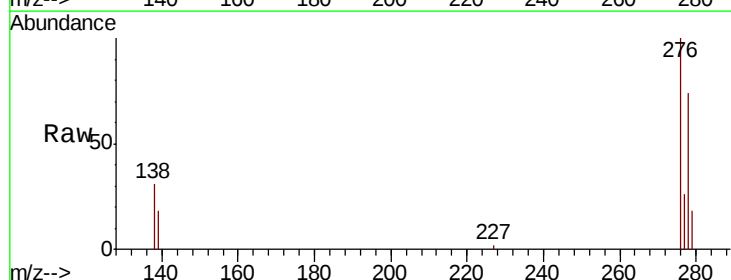
Tgt Ion:276 Resp: 33277

Ion Ratio Lower Upper

276 100

138 29.8 25.6 38.4

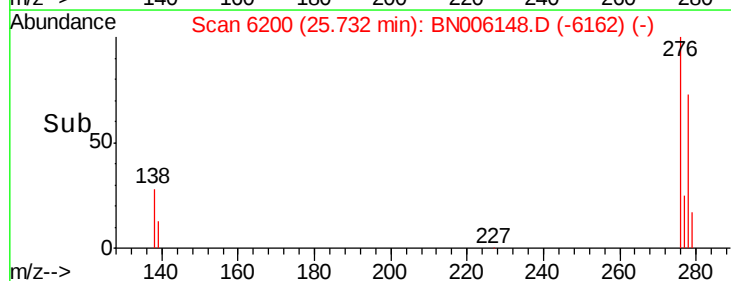
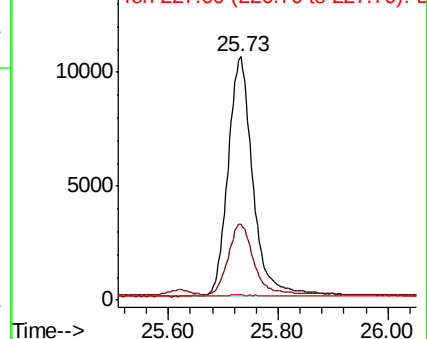
227 0.1 0.3 0.5#

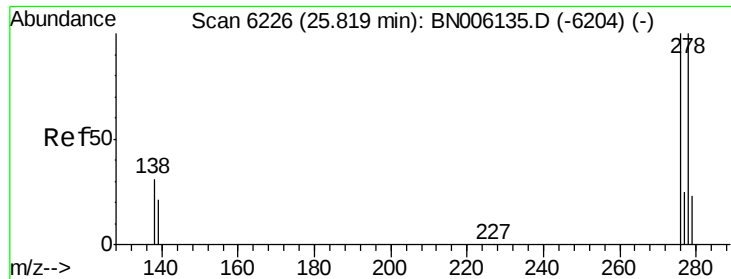


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



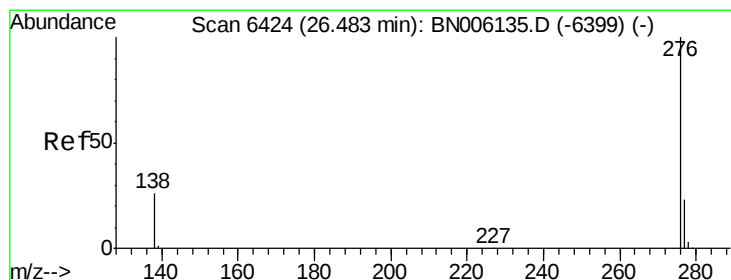
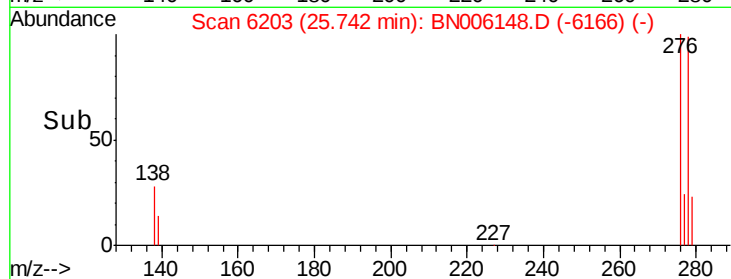
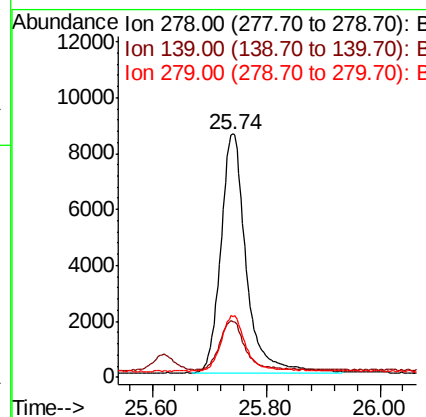
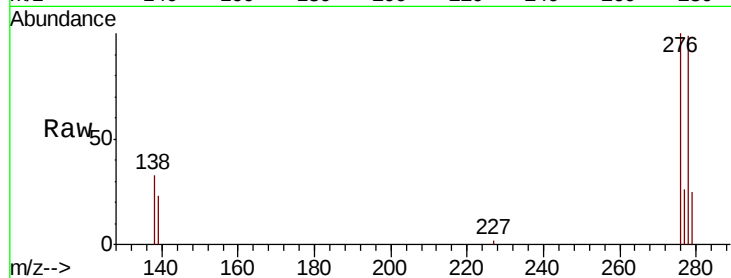


#25
Dibenzo(a,h)anthracene
Concen: 0.408 ng/u1
RT: 25.74 min Scan# 6203
Delta R.T. -0.08 min
Lab File: BN006148.D
Acq: 06 Jun 2019 22:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.497

Tgt Ion: 278 Resp: 26335

Ion	Ratio	Lower	Upper
278	100		
139	22.9	21.2	31.8
279	25.1	22.6	33.8



#26
Benzo(g,h,i)perylene
Concen: 0.415 ng/u1
RT: 26.41 min Scan# 6402
Delta R.T. -0.07 min
Lab File: BN006148.D
Acq: 06 Jun 2019 22:19

Tgt Ion: 276 Resp: 28090

Ion	Ratio	Lower	Upper
276	100		
138	29.0	24.2	36.4
277	24.8	21.5	32.3

