

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006147.D
 Acq On : 06 Jun 2019 21:45
 Operator : JU/SJ
 Sample : K3201-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5

Quant Time: Jun 07 00:29:36 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

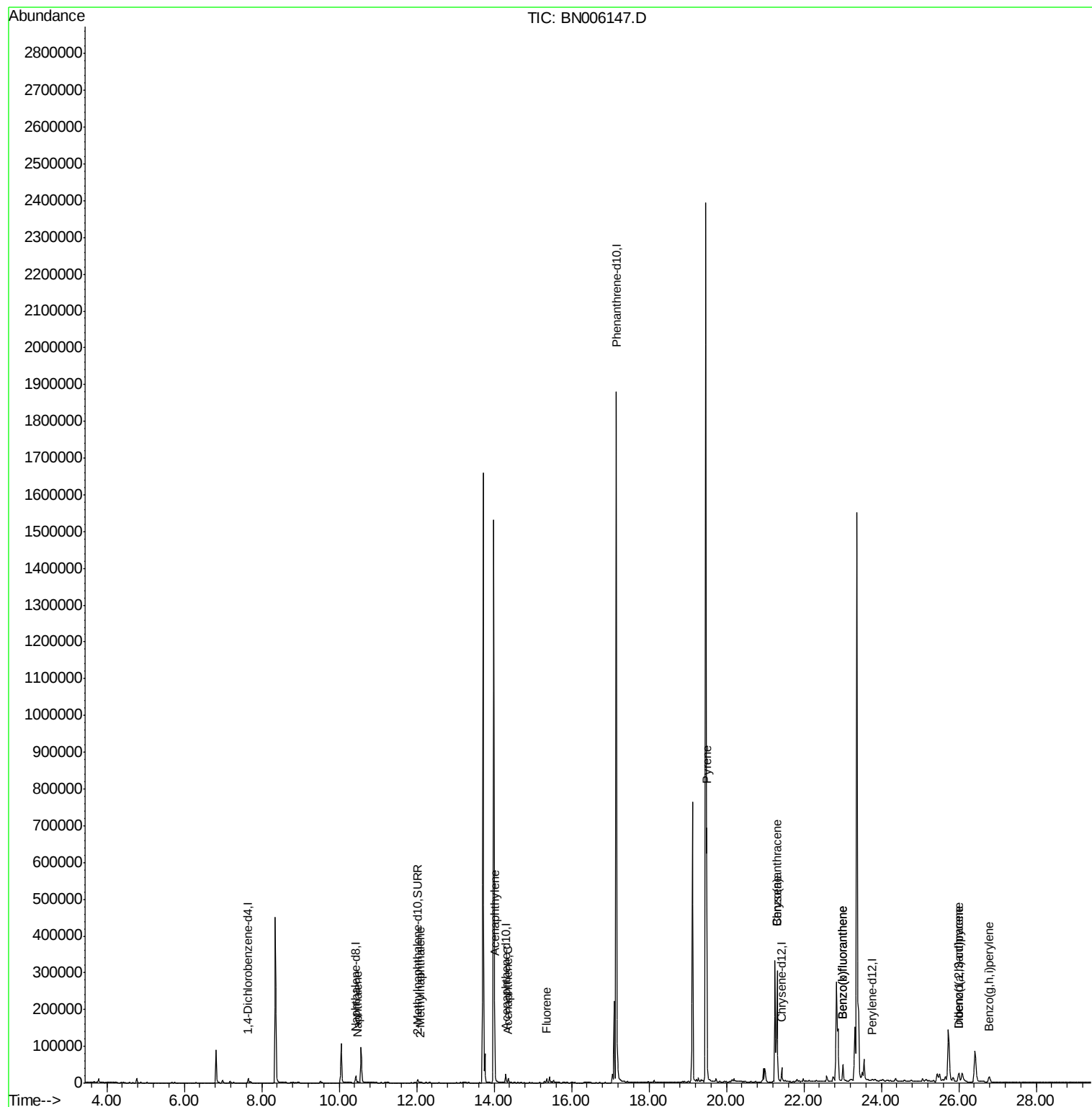
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	24024	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	2138130	0.40	ng/ul	0.10
16) Chrysene-d12	21.43	240	99	0.40	ng/ul	0.13
20) Perylene-d12	23.76	264	4018	0.40	ng/ul	0.20
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	12428	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Qvalue	
3) Naphthalene	10.48	128	4123	0.062	ng/ul#	91
5) 2-Methylnaphthalene	12.10	142	1427	0.031	ng/ul	89
7) Acenaphthylene	14.02	152	18981	0.262	ng/ul	99
8) Acenaphthene	14.36	153	6236	0.124	ng/ul	99
9) Fluorene	15.36	166	7867	0.134	ng/ul	98
17) Pyrene	19.49	202	525885	1008.456	ng/ul	99
18) Benzo(a)anthracene	21.31	228	301552	688.691	ng/ul	97
19) Chrysene	21.31	228	292859	712.458	ng/ul	98
21) Benzo(b)fluoranthene	23.01	252	58882	3.514	ng/ul	96
22) Benzo(k)fluoranthene	23.01	252	57649	3.533	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.00	276	8864	0.525	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.00	278	34251	2.537	ng/ul	97
26) Benzo(g,h,i)perylene	26.79	276	32351	2.287	ng/ul	97

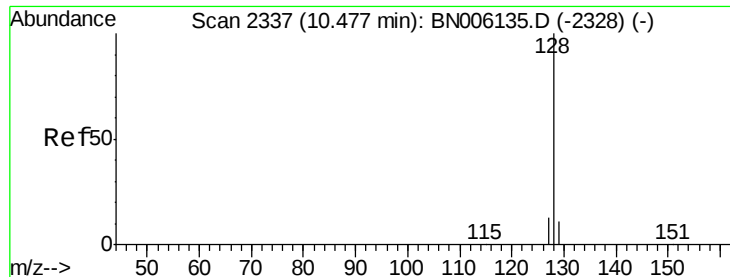
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.062 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

Instrument :

BNA_N

ClientSampleId :

C0AB5

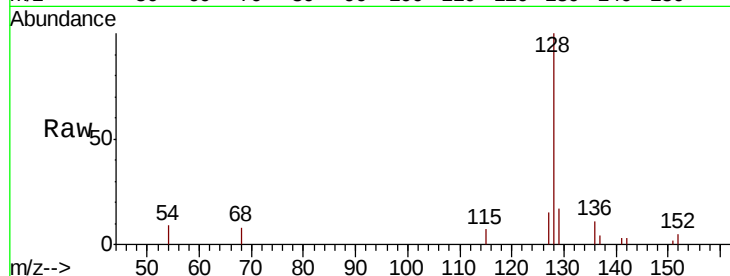
Tgt Ion:128 Resp: 4123

Ion Ratio Lower Upper

128 100

129 16.7 9.3 13.9#

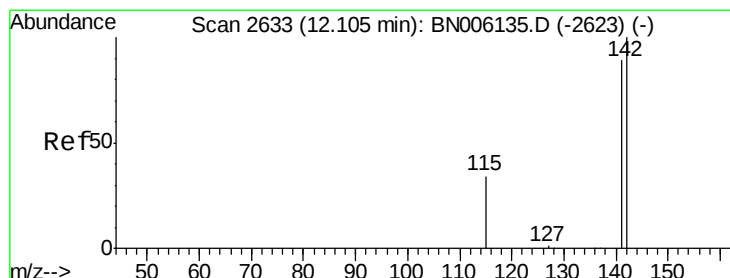
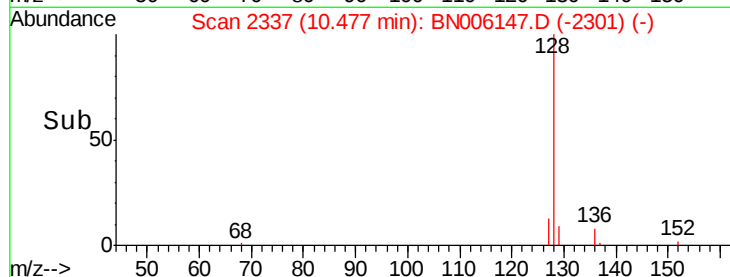
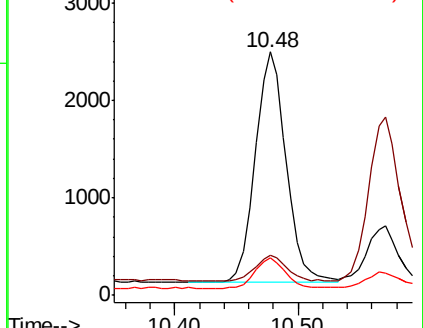
127 15.2 10.7 16.1



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: 0.031 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006147.D

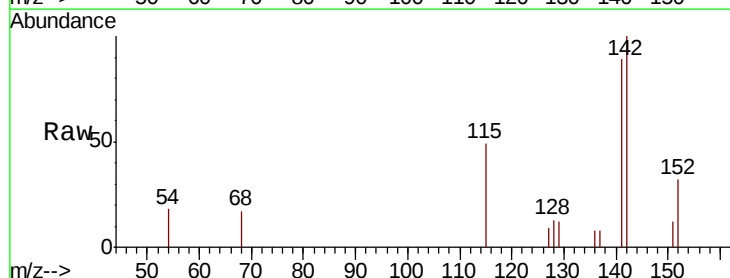
Acq: 06 Jun 2019 21:45

Tgt Ion:142 Resp: 1427

Ion Ratio Lower Upper

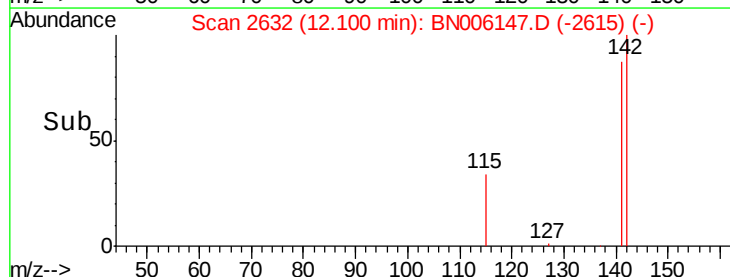
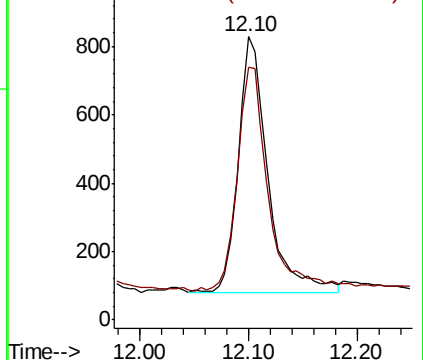
142 100

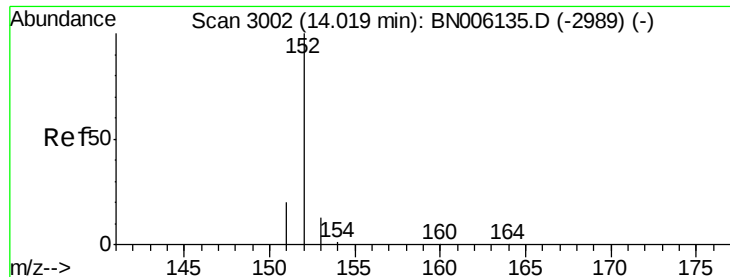
141 97.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.262 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

Instrument :

BNA_N

ClientSampleId :

C0AB5

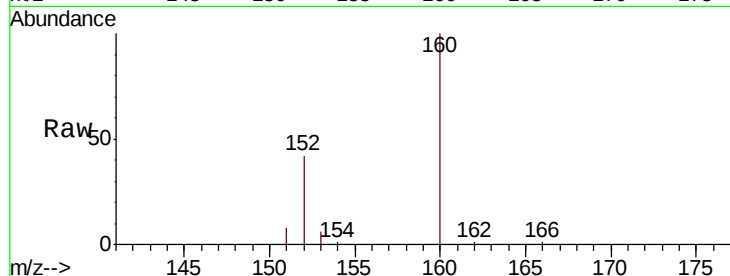
Tgt Ion:152 Resp: 18981

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

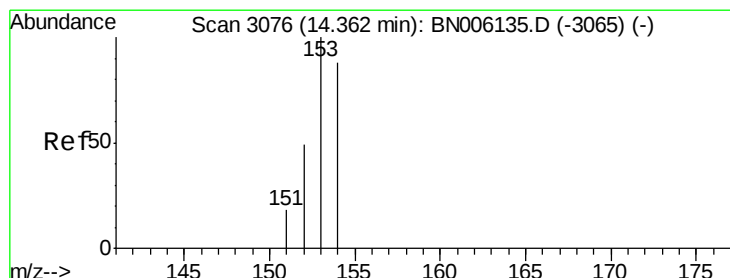
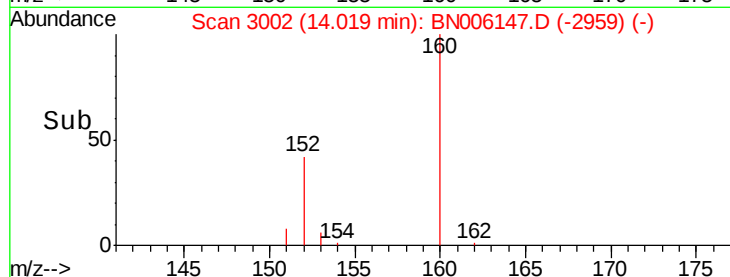
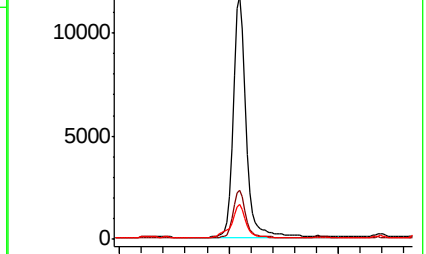
153 14.1 10.8 16.2



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: 0.124 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

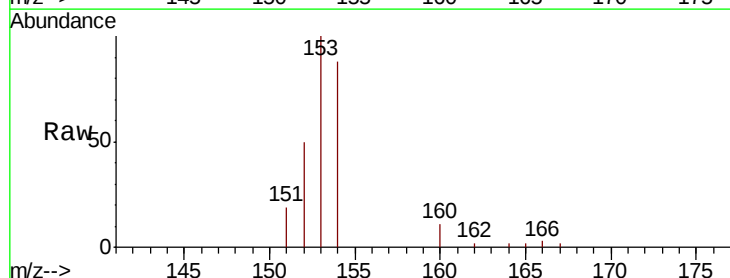
Tgt Ion:153 Resp: 6236

Ion Ratio Lower Upper

153 100

152 50.0 39.1 58.7

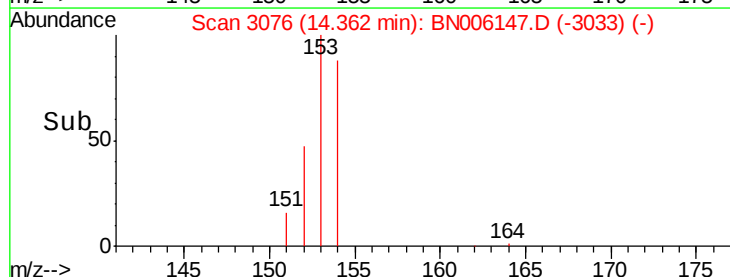
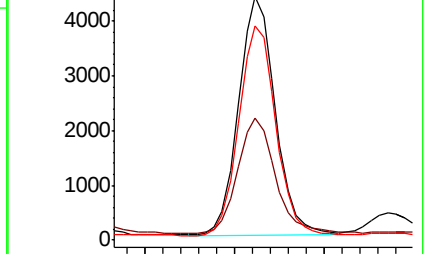
154 88.0 71.1 106.7

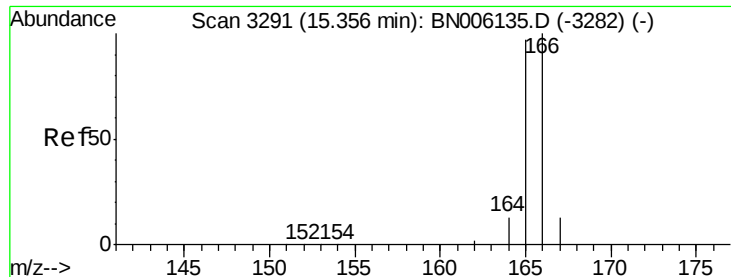


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.134 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

Instrument :

BNA_N

ClientSampleId :

C0AB5

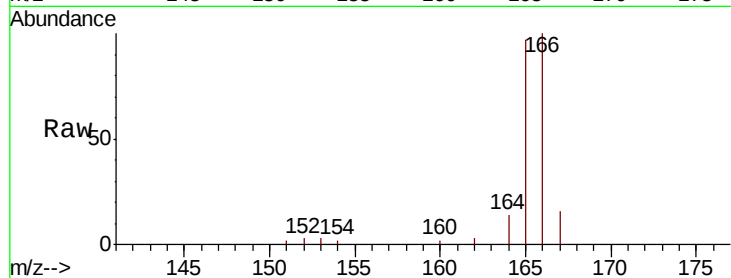
Tgt Ion:166 Resp: 7867

Ion Ratio Lower Upper

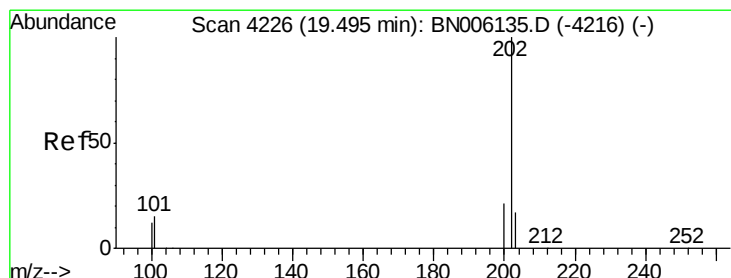
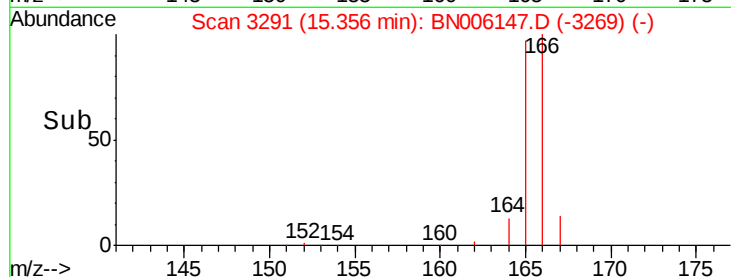
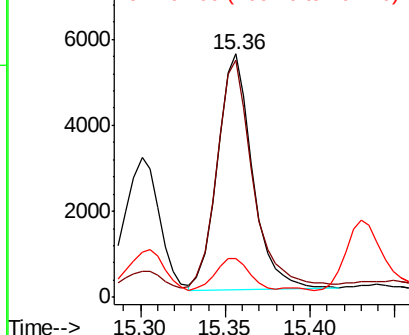
166 100

165 97.3 76.4 114.6

167 15.8 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



#17

Pyrene

Concen: 1008.456 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. -0.00 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

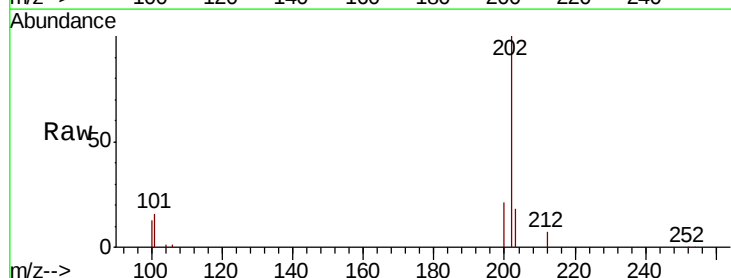
Tgt Ion:202 Resp: 525885

Ion Ratio Lower Upper

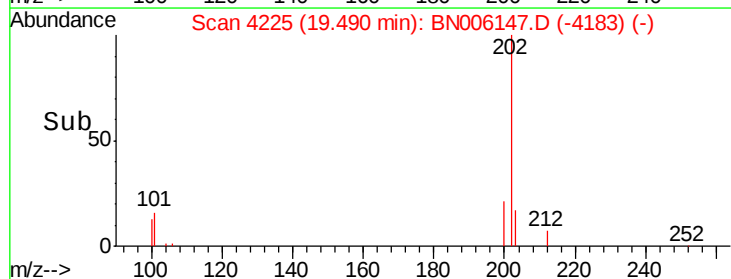
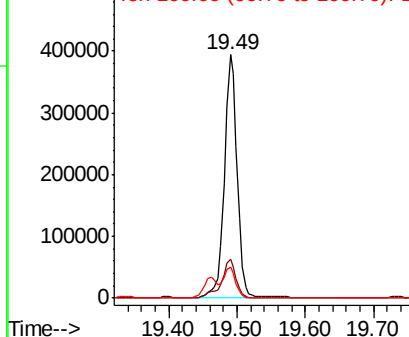
202 100

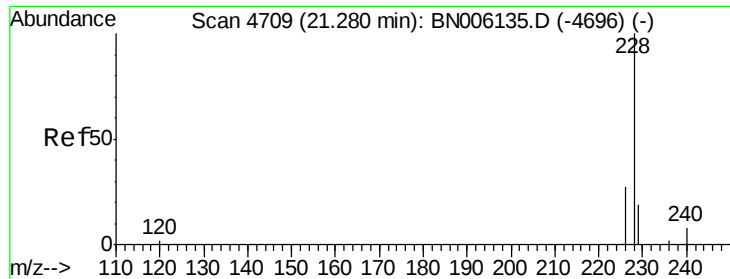
101 15.9 12.2 18.2

100 12.6 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: 688.691 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.03 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

Instrument :

BNA_N

ClientSampleId :

C0AB5

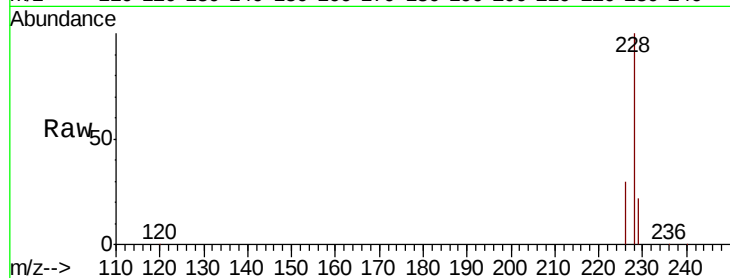
Tgt Ion:228 Resp: 301552

Ion Ratio Lower Upper

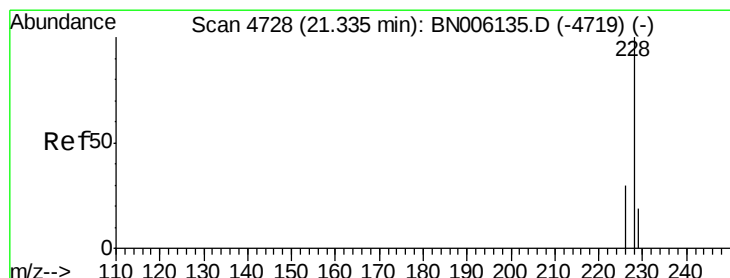
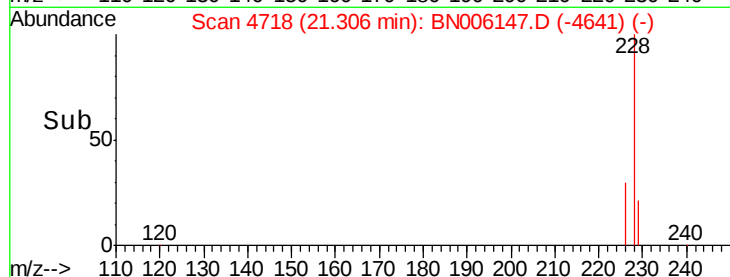
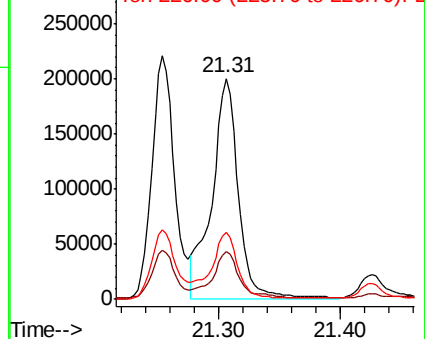
228 100

229 21.7 16.5 24.7

226 30.5 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: 712.458 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. -0.03 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

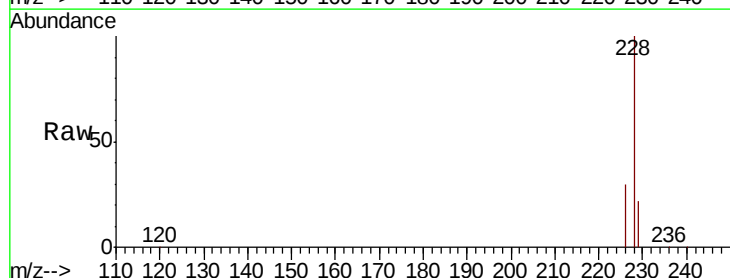
Tgt Ion:228 Resp: 292859

Ion Ratio Lower Upper

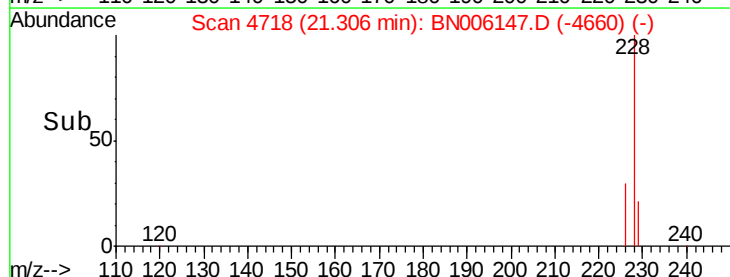
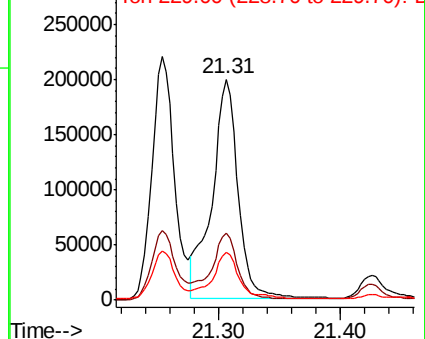
228 100

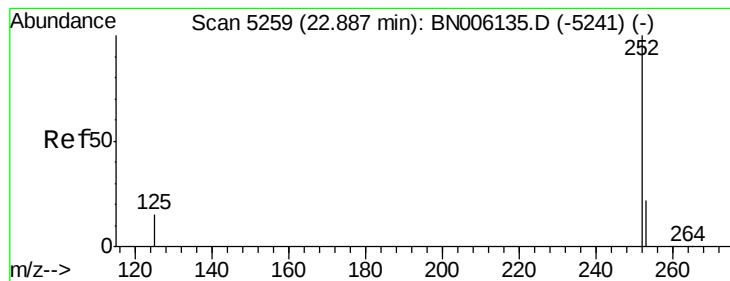
226 30.5 25.0 37.6

229 21.7 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: 3.514 ng/ul

RT: 23.01 min Scan# 5300

Delta R.T. 0.12 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

Instrument :

BNA_N

ClientSampled :

C0AB5

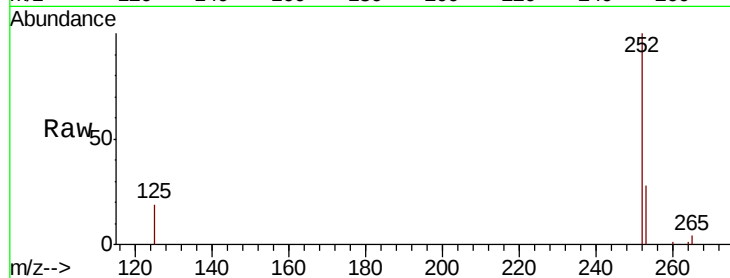
Tgt Ion:252 Resp: 58882

Ion Ratio Lower Upper

252 100

253 28.2 0.0 51.4

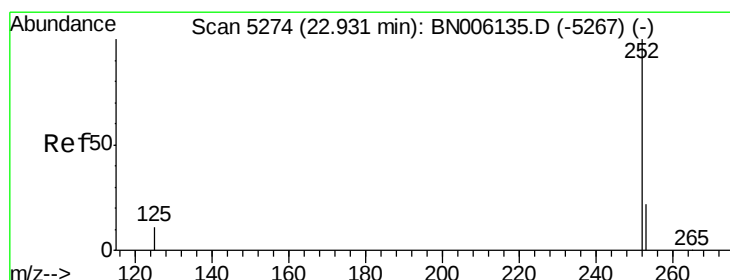
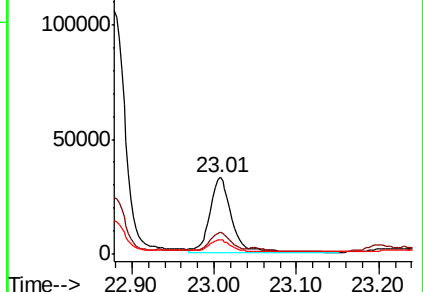
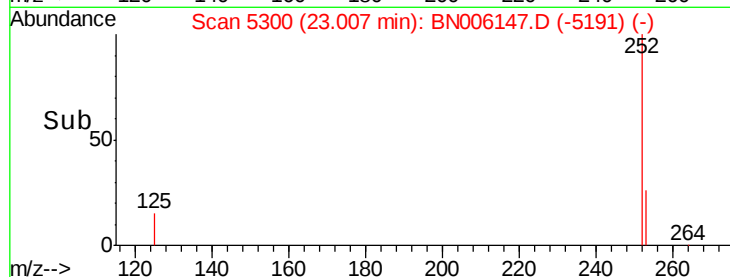
125 19.3 0.0 41.0



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: 3.533 ng/ul

RT: 23.01 min Scan# 5300

Delta R.T. 0.08 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

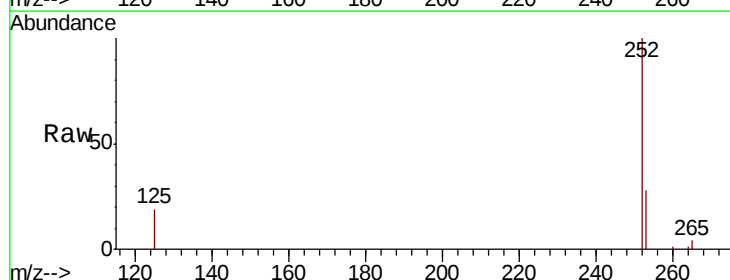
Tgt Ion:252 Resp: 57649

Ion Ratio Lower Upper

252 100

253 28.2 20.3 30.5

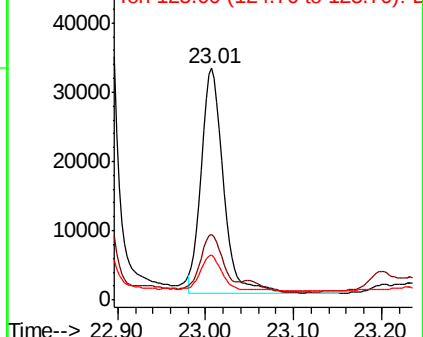
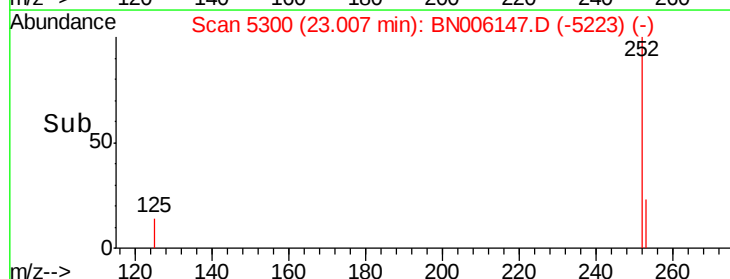
125 19.3 14.3 21.5

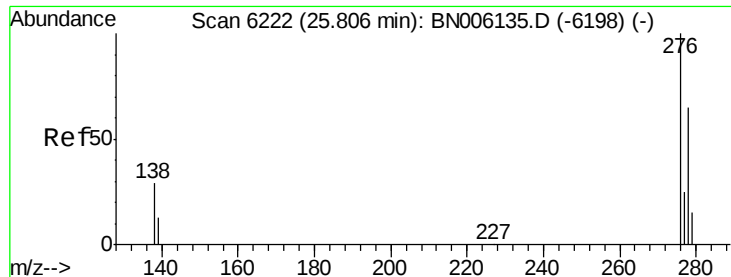


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.525 ng/ul

RT: 26.00 min Scan# 6280

Delta R.T. 0.19 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

Instrument :

BNA_N

ClientSampleId :

C0AB5

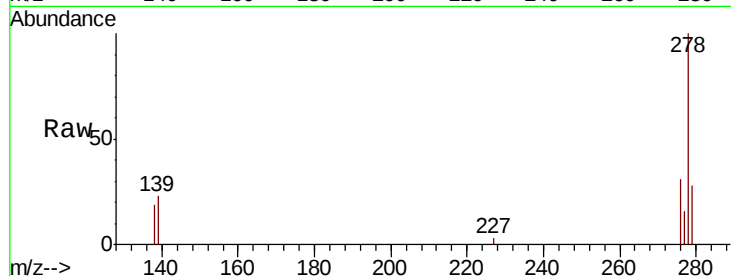
Tgt Ion:276 Resp: 8864

Ion Ratio Lower Upper

276 100

138 60.1 25.6 38.4#

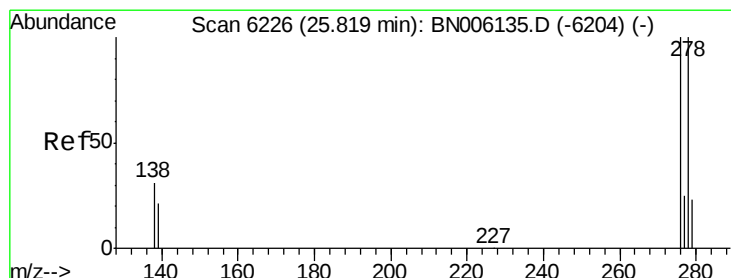
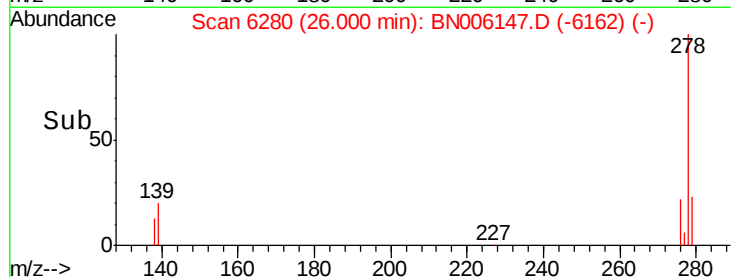
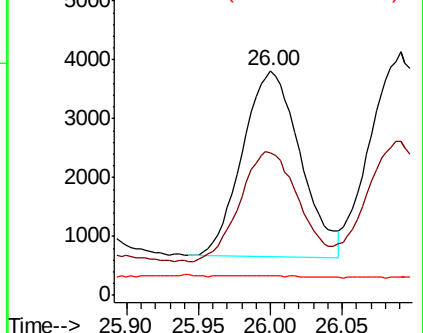
227 0.0 0.3 0.5#



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: 2.537 ng/ul

RT: 26.00 min Scan# 6280

Delta R.T. 0.18 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

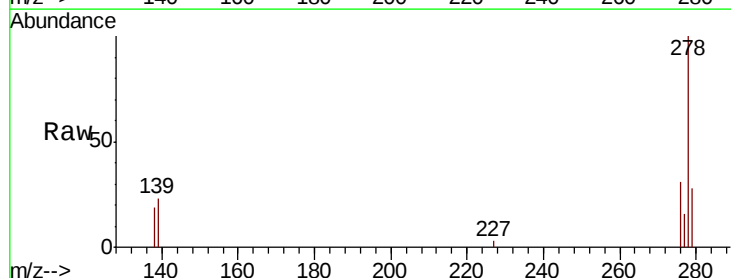
Tgt Ion:278 Resp: 34251

Ion Ratio Lower Upper

278 100

139 23.3 21.2 31.8

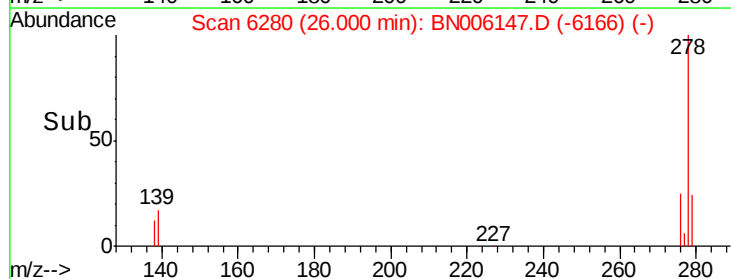
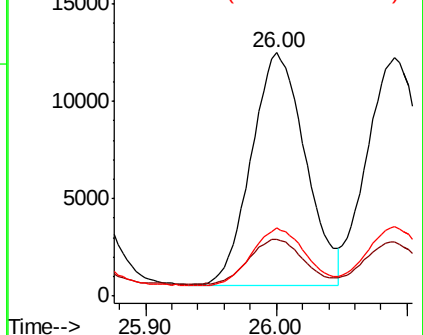
279 27.9 22.6 33.8

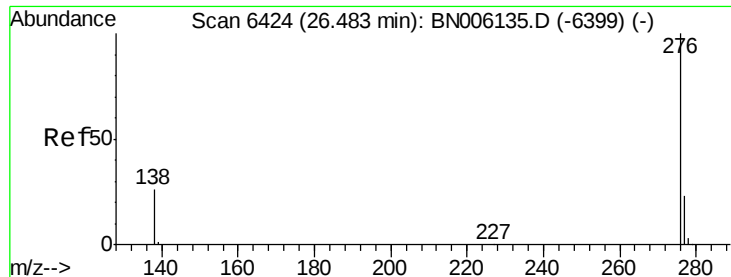


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.287 ng/ul

RT: 26.79 min Scan# 6515

Delta R.T. 0.31 min

Lab File: BN006147.D

Acq: 06 Jun 2019 21:45

Instrument :

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C0AB5

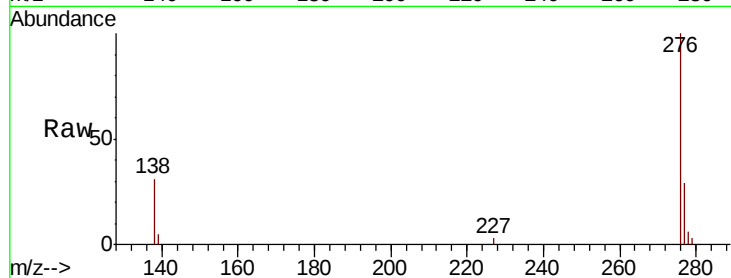
Tgt Ion: 276 Resp: 32351

Ion Ratio Lower Upper

276 100

138 31.3 24.2 36.4

277 28.6 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

