

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006225.D
 Acq On : 10 Jun 2019 16:33
 Operator : JU/SJ
 Sample : K3016-13DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:18:47 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

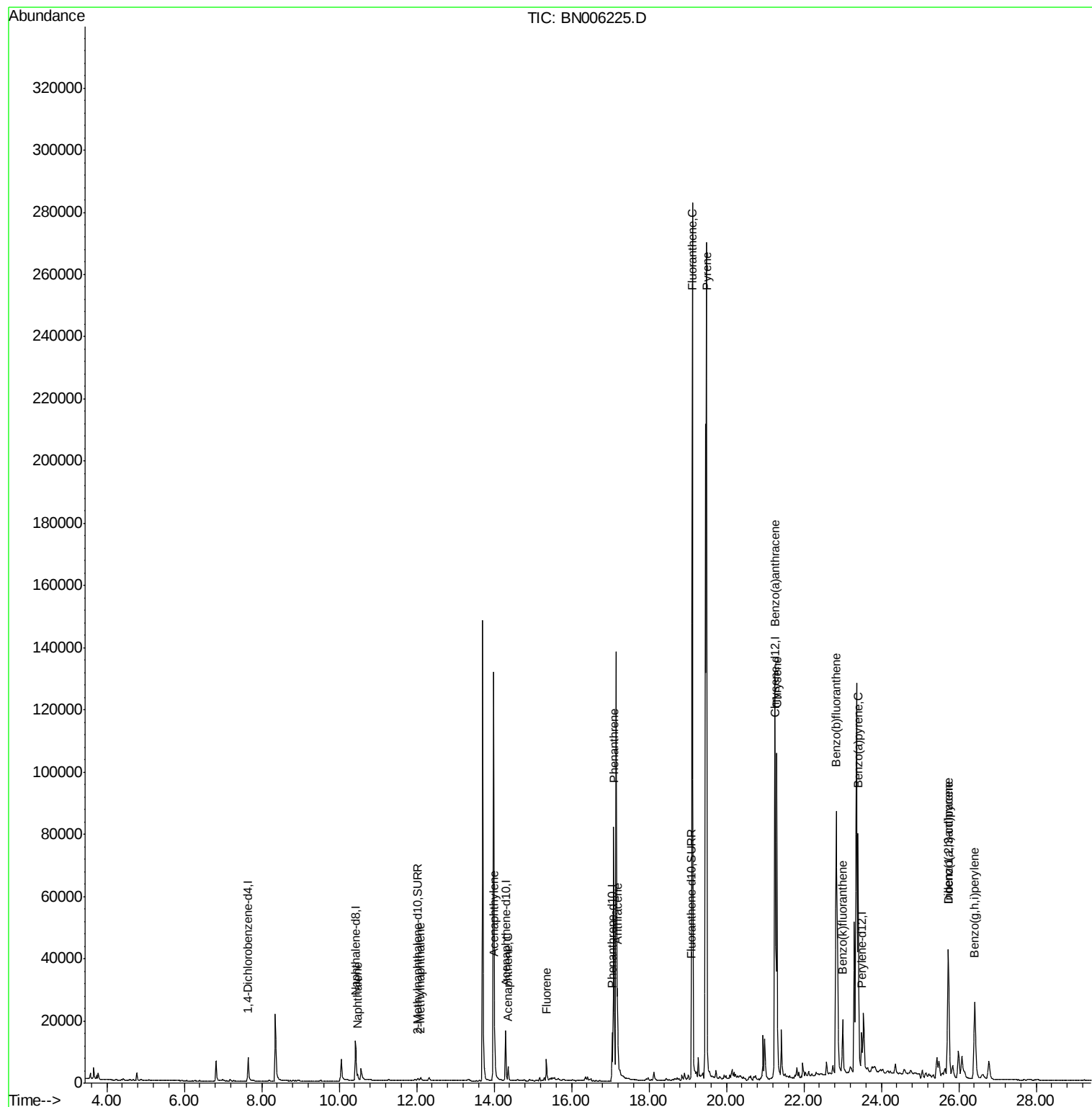
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4945	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18501	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8973	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18315	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	14517	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	19031	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1059	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2103	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	2697	0.053	ng/ul#	92
5) 2-Methylnaphthalene	12.11	142	745	0.021	ng/ul	96
7) Acenaphthylene	14.01	152	12132	0.243	ng/ul	99
8) Acenaphthene	14.36	153	2730	0.079	ng/ul	97
9) Fluorene	15.35	166	4992	0.123	ng/ul	95
12) Phenanthrene	17.09	178	88546	1.506	ng/ul	99
13) Anthracene	17.18	178	29646	0.528	ng/ul	99
15) Fluoranthene	19.12	202	244870	3.772	ng/ul	96
17) Pyrene	19.49	202	220817	2.888	ng/ul	100
18) Benzo(a)anthracene	21.25	228	114103	1.777	ng/ul	100
19) Chrysene	21.30	228	101979	1.692	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	193492	2.438	ng/ul	91
22) Benzo(k)fluoranthene	23.00	252	16090	0.208	ng/ul	97
23) Benzo(a)pyrene	23.40	252	102234	1.383	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	67873	0.848	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	16195	0.253	ng/ul	98
26) Benzo(a,h,i)perylene	26.41	276	51344	0.766	ng/ul	94

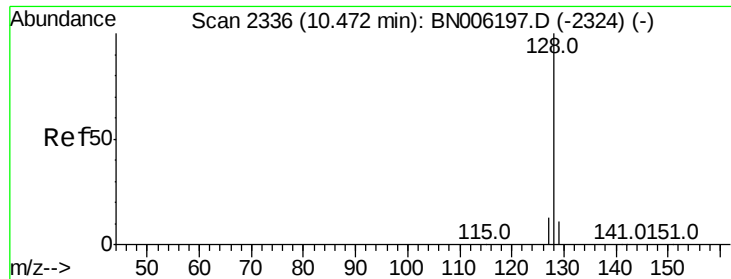
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.053 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

Instrument :

BNA_N

ClientSampleId :

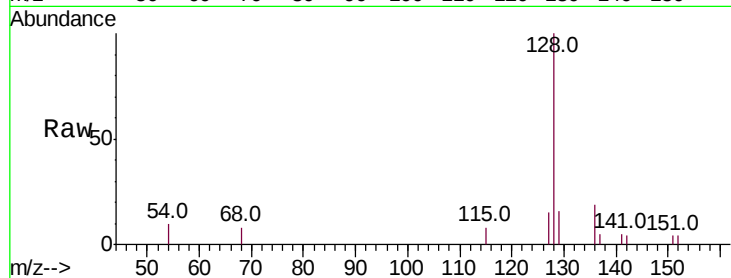
Tot Ion:128 Resp: 2697

Ion Ratio Lower Upper

128 100

129 16.1 9.3 13.9#

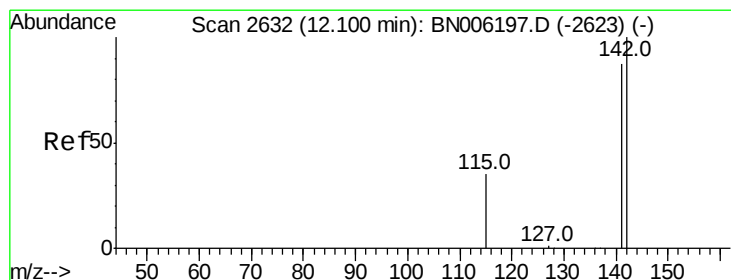
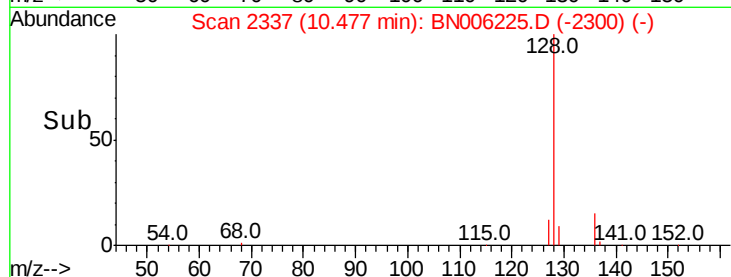
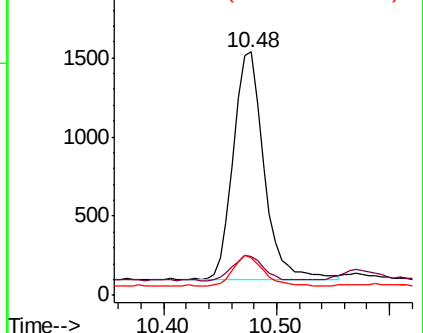
127 15.4 10.7 16.1



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: 0.021 ng/ul

RT: 12.11 min Scan# 2633

Delta R.T. 0.01 min

Lab File: BN006225.D

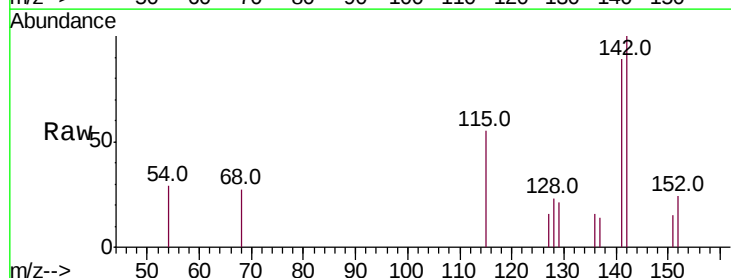
Acq: 10 Jun 2019 16:33

Tgt Ion:142 Resp: 745

Ion Ratio Lower Upper

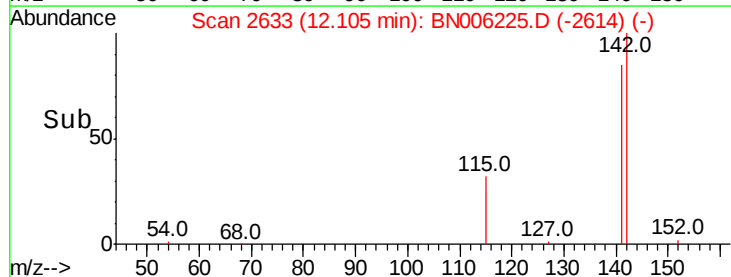
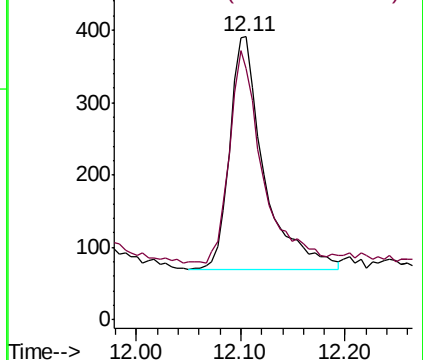
142 100

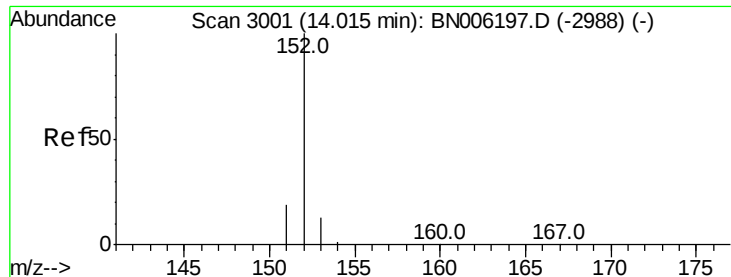
141 84.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.243 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

Instrument :

BNA_N

ClientSampled :

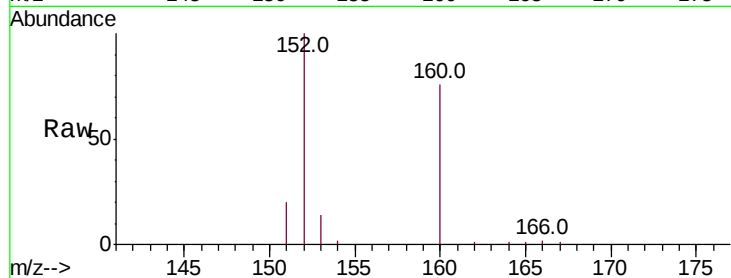
Tot Ion:152 Resp: 12132

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

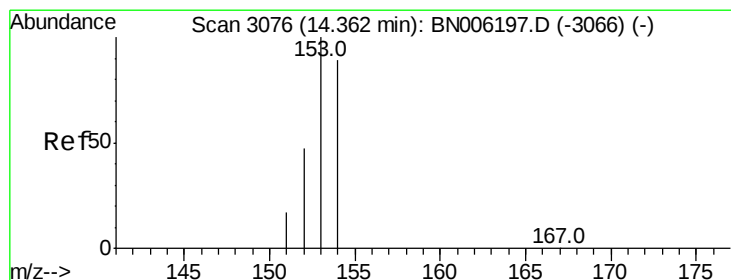
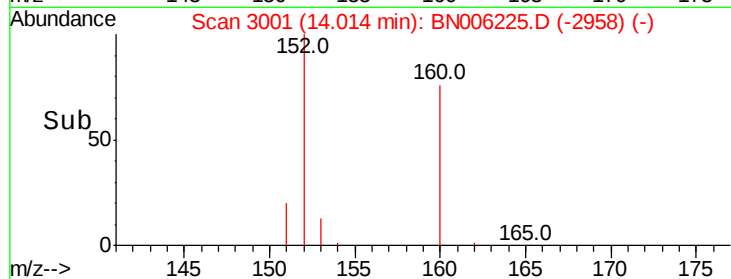
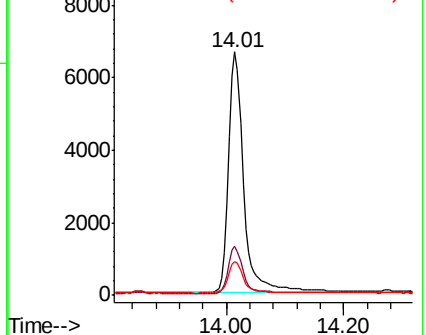
153 13.9 10.8 16.2



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: 0.079 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

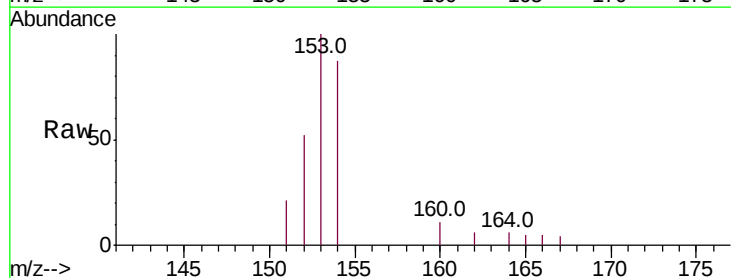
Tgt Ion:153 Resp: 2730

Ion Ratio Lower Upper

153 100

152 51.9 39.1 58.7

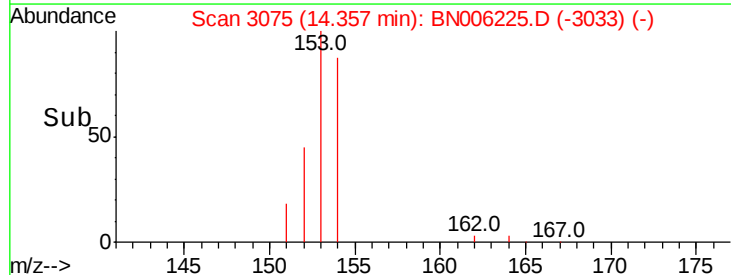
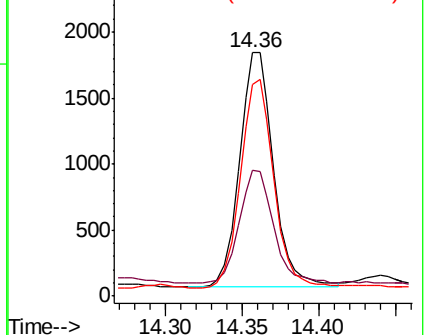
154 86.9 71.1 106.7

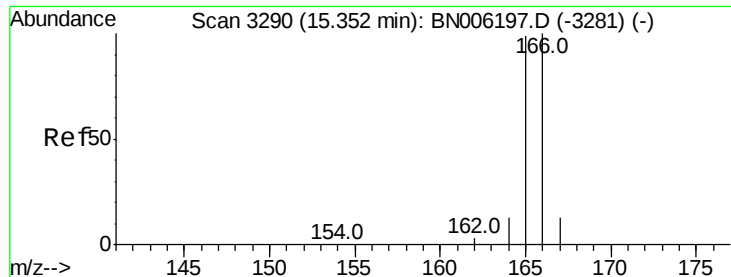


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

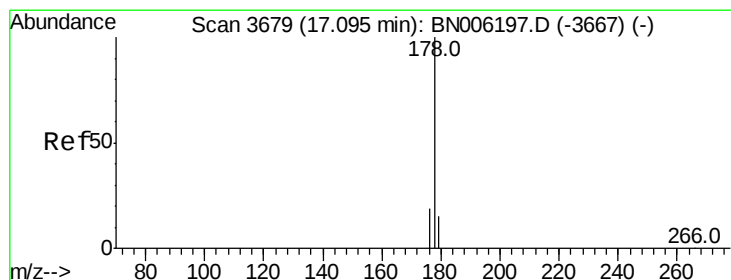
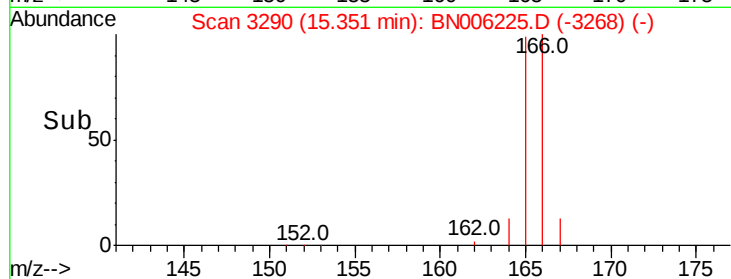
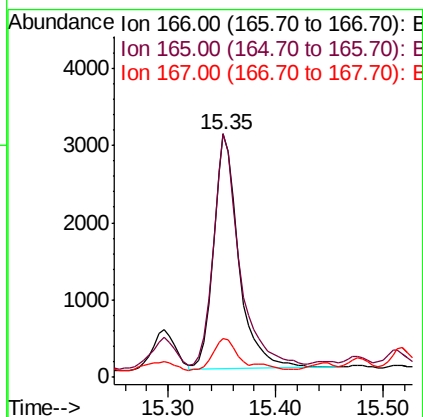
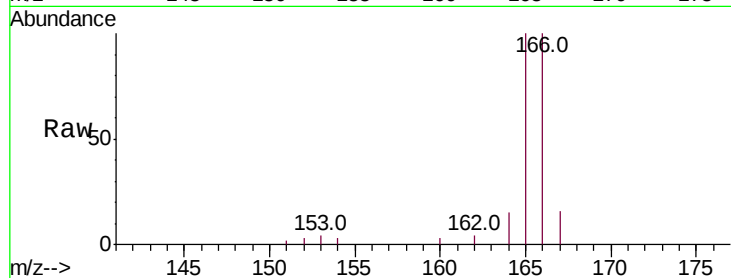




#9
Fluorene
 Concen: 0.123 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006225.D
 Acq: 10 Jun 2019 16:33

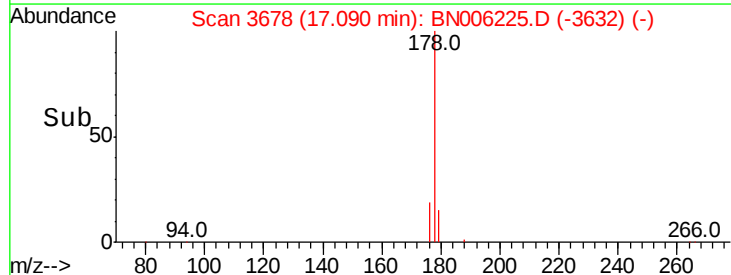
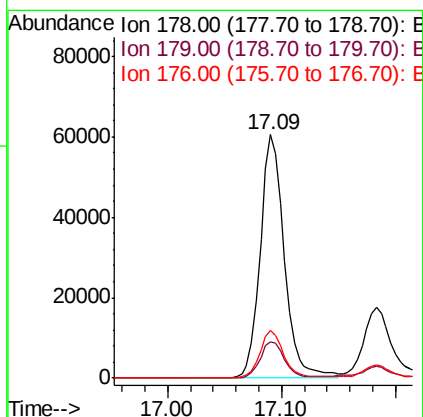
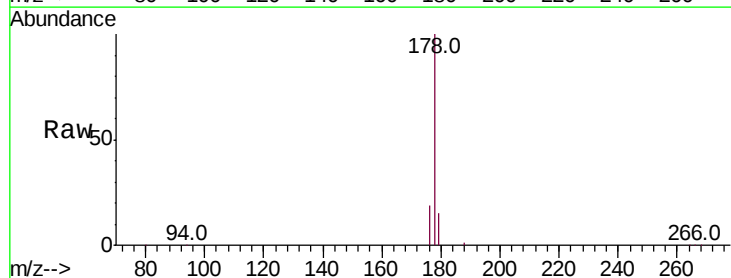
Instrument :
 BNA_N
 ClientSampleId :

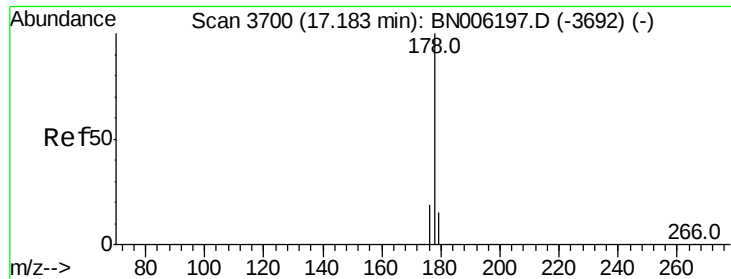
Tot Ion:166 Resp: 4992
 Ion Ratio Lower Upper
 166 100
 165 100.2 76.4 114.6
 167 16.1 11.0 16.6



#12
Phenanthrene
 Concen: 1.506 ng/ul
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006225.D
 Acq: 10 Jun 2019 16:33

Tgt Ion:178 Resp: 88546
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.3 18.5
 176 19.5 15.3 22.9





#13

Anthracene

Concen: 0.528 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

Instrument :

BNA_N

ClientSampleId :

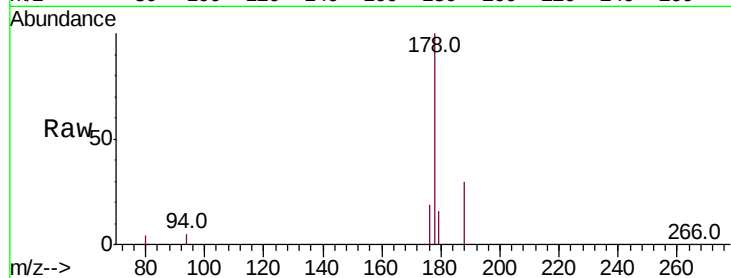
Tot Ion:178 Resp: 29646

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

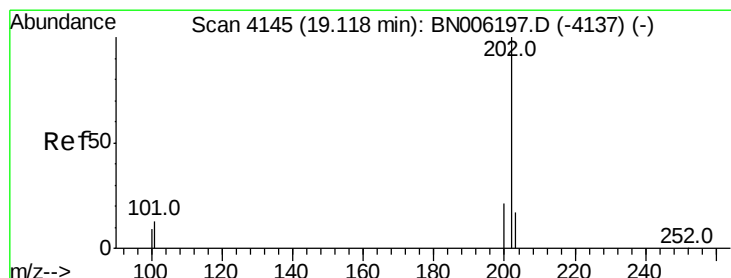
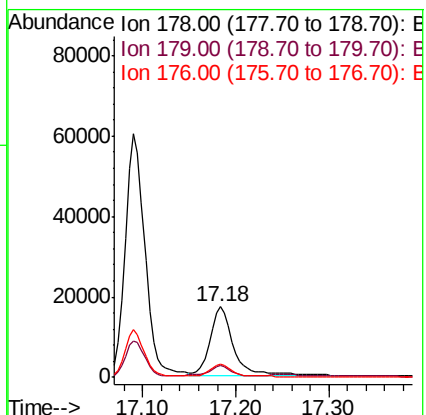
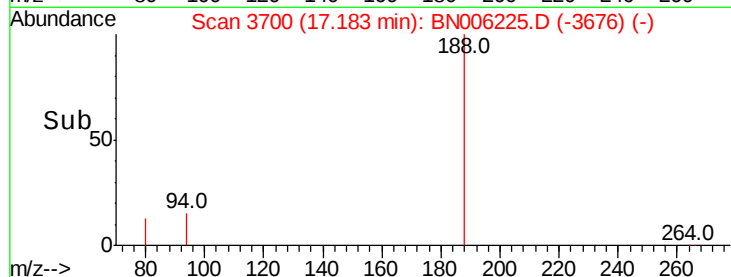
176 18.6 15.1 22.7



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: 3.772 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

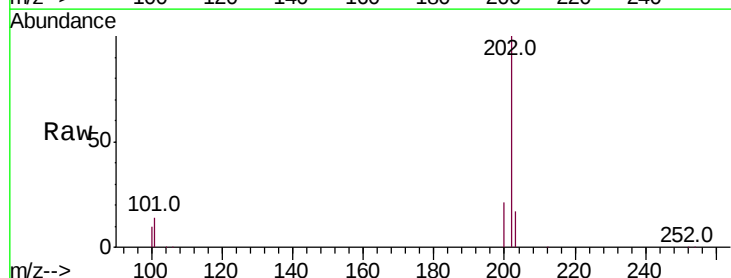
Tgt Ion:202 Resp: 244870

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.1

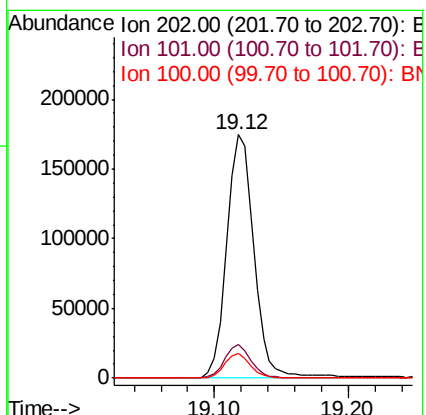
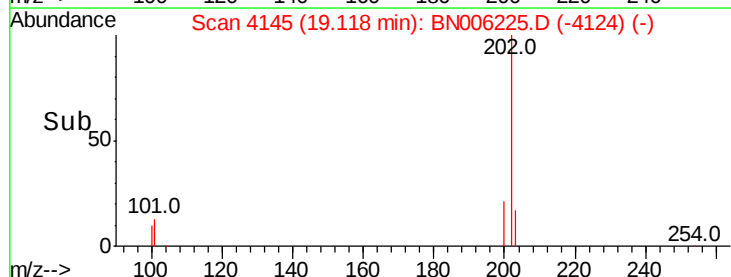
100 10.2 0.0 28.7

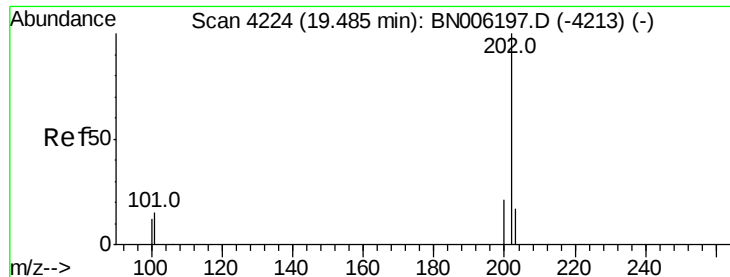


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

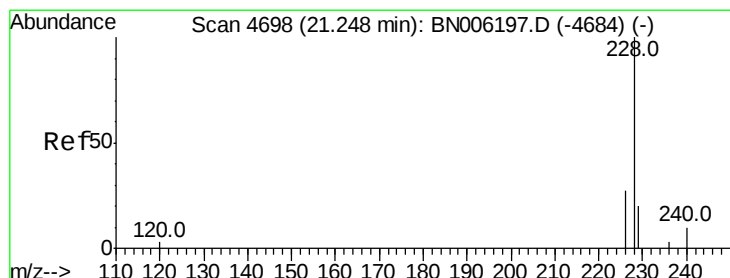
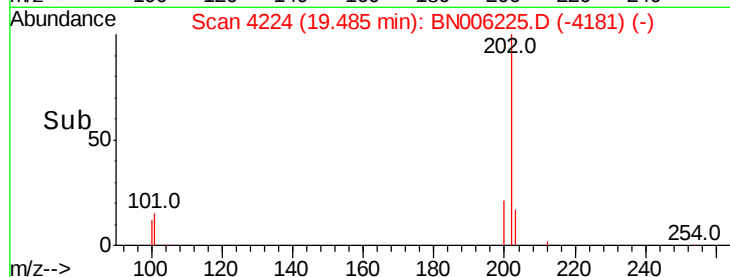
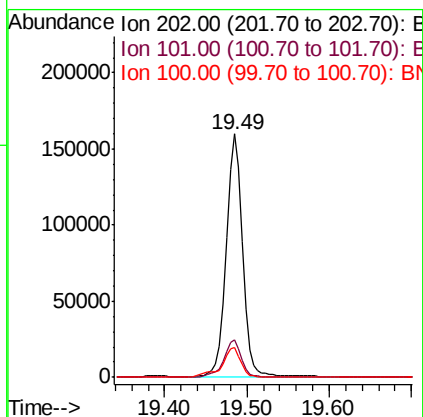
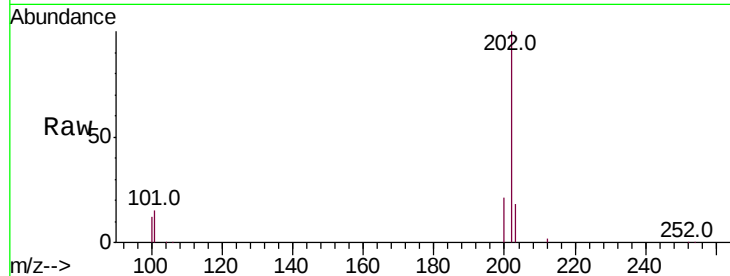




#17
Pvrene
Concen: 2.888 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006225.D
Acq: 10 Jun 2019 16:33

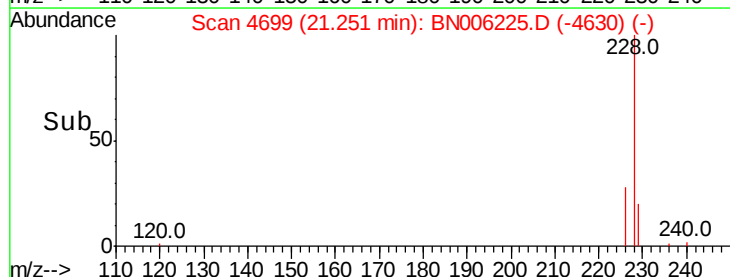
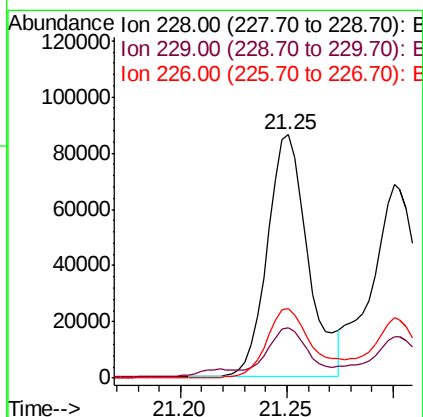
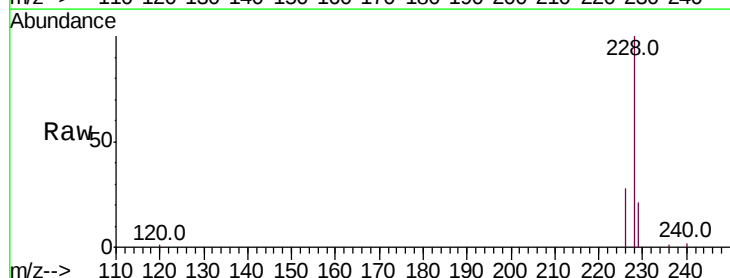
Instrument :
BNA_N
ClientSampleId :

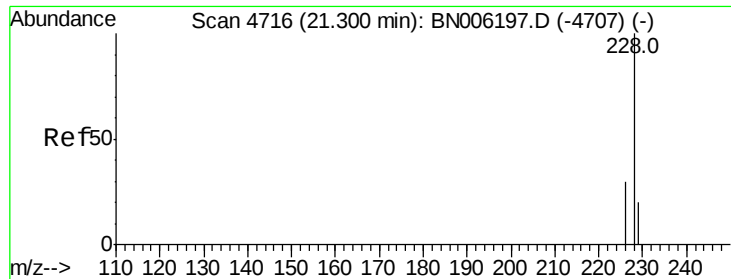
Tot Ion:202 Resp: 220817
Ion Ratio Lower Upper
202 100
101 15.2 12.2 18.2
100 12.0 9.8 14.6



#18
Benzo(a)anthracene
Concen: 1.777 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006225.D
Acq: 10 Jun 2019 16:33

Tgt Ion:228 Resp: 114103
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 28.5 22.8 34.2





#19

Chrysene

Concen: 1.692 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.00 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

Instrument :

BNA_N

ClientSampled :

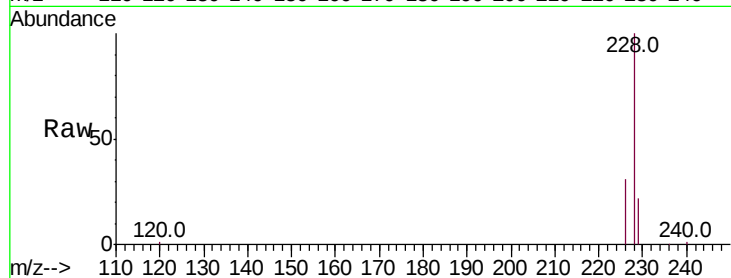
Tot Ion:228 Resp: 101979

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

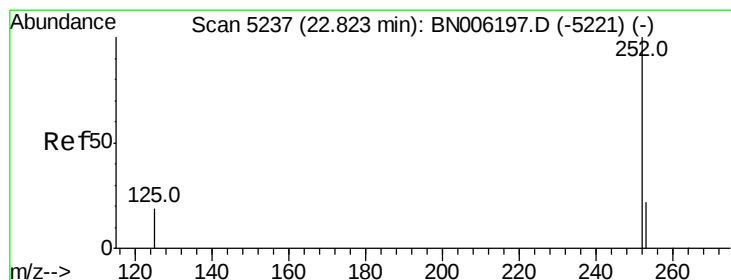
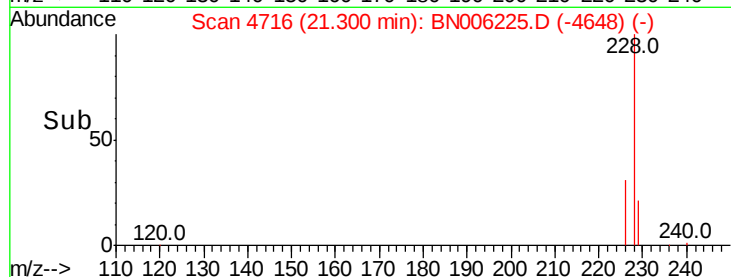
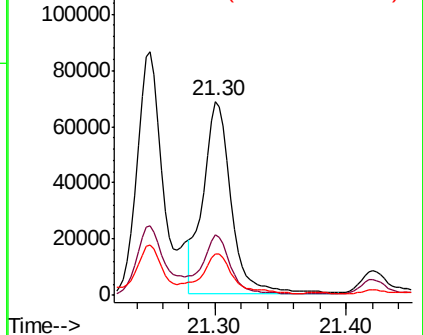
229 21.5 16.3 24.5



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: 2.438 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. 0.01 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

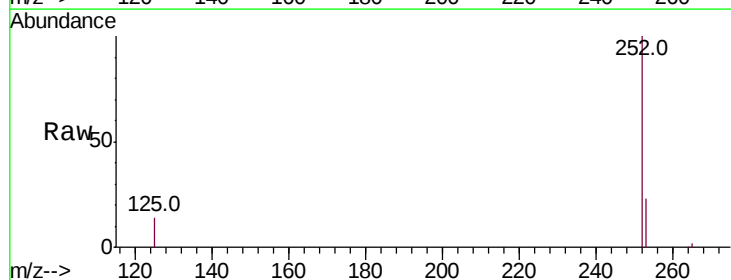
Tgt Ion:252 Resp: 193492

Ion Ratio Lower Upper

252 100

253 22.9 0.0 51.4

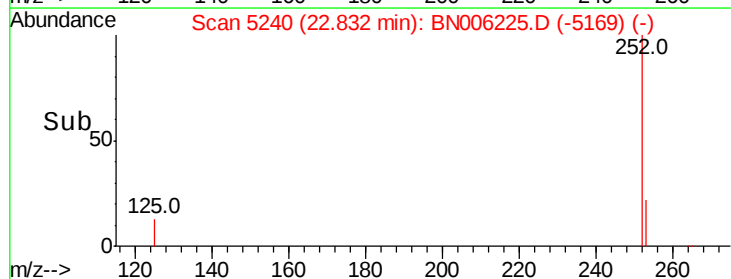
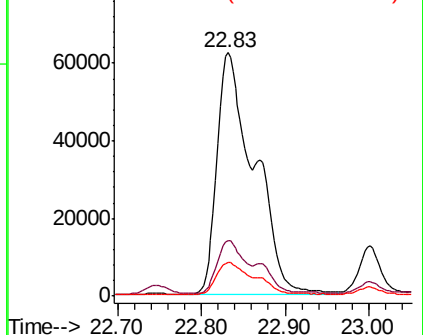
125 13.9 0.0 41.0

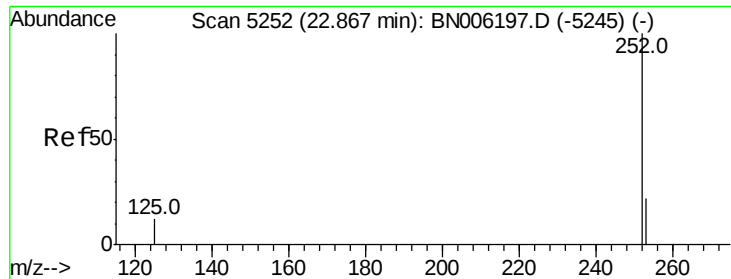


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.208 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. 0.13 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

Instrument :

BNA_N

ClientSampleId :

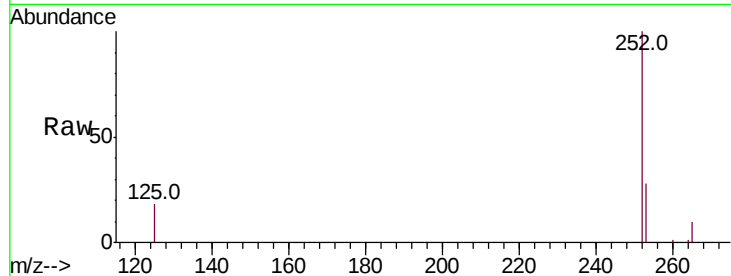
Tot Ion:252 Resp: 16090

Ion Ratio Lower Upper

252 100

253 28.2 20.3 30.5

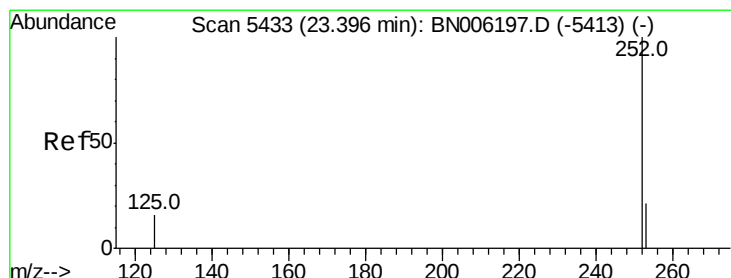
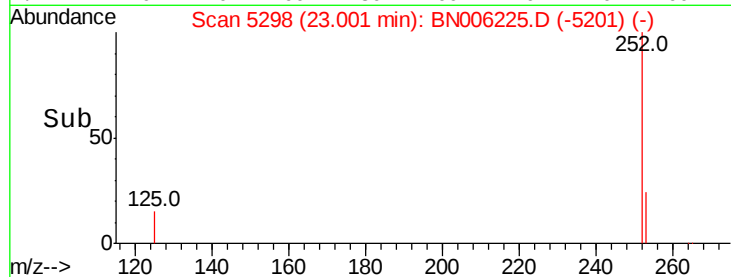
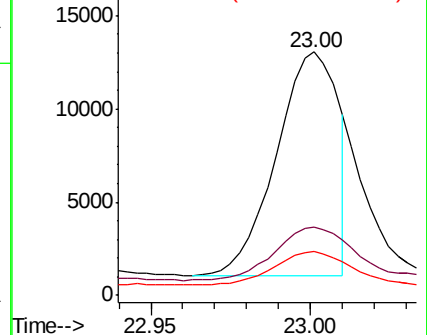
125 17.8 14.3 21.5



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: 1.383 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. 0.00 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

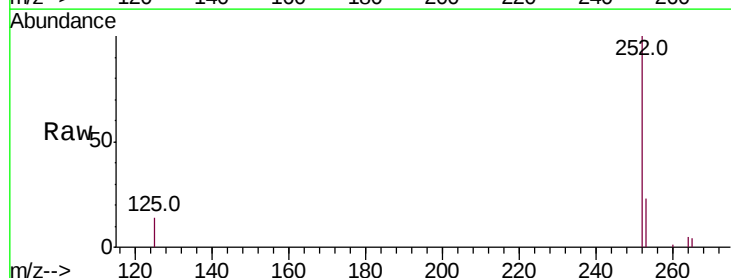
Tgt Ion:252 Resp: 102234

Ion Ratio Lower Upper

252 100

253 22.8 21.1 31.7

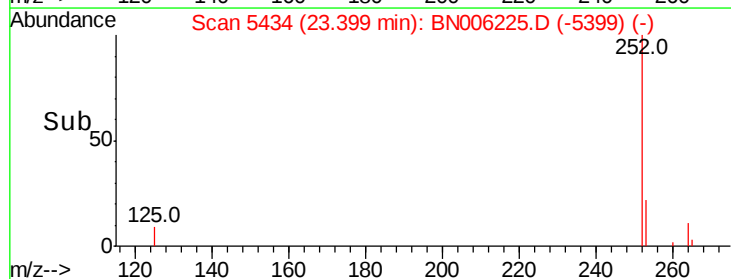
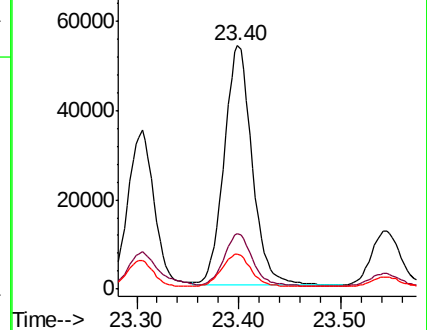
125 14.3 20.3 30.5#

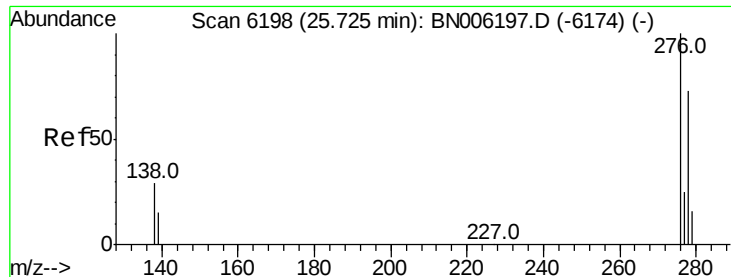


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



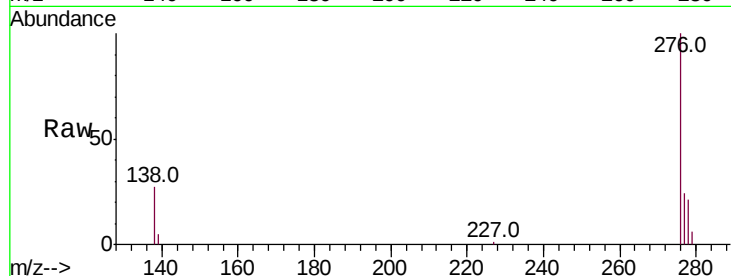


#24

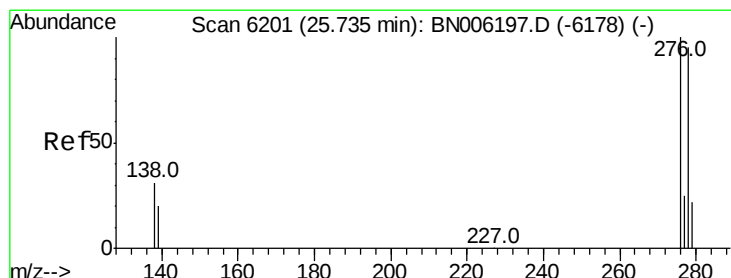
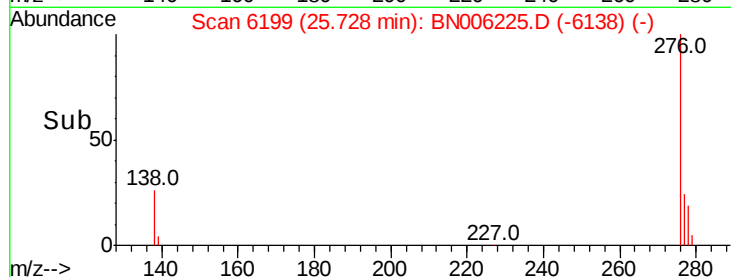
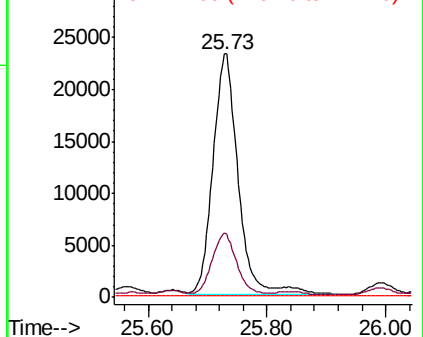
Indeno(1,2,3-cd)pyrene
Concen: 0.848 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. 0.00 min
Lab File: BN006225.D
Acq: 10 Jun 2019 16:33

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 67873
Ion Ratio Lower Upper
276 100
138 24.8 25.6 38.4#
227 0.2 0.3 0.5#



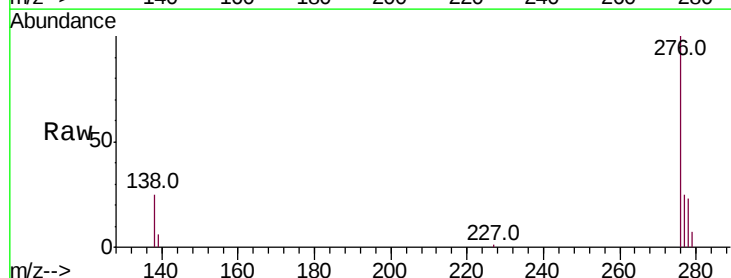
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



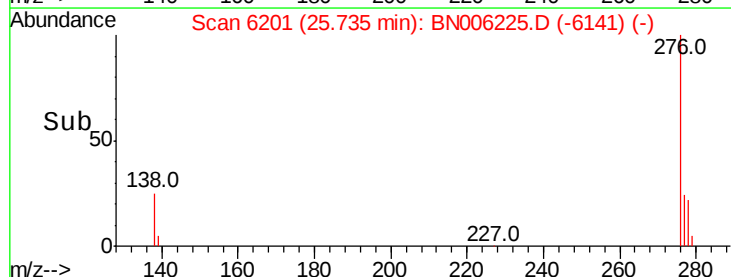
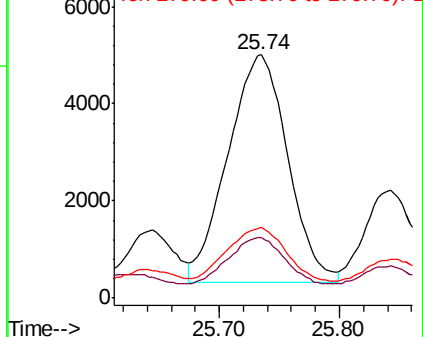
#25

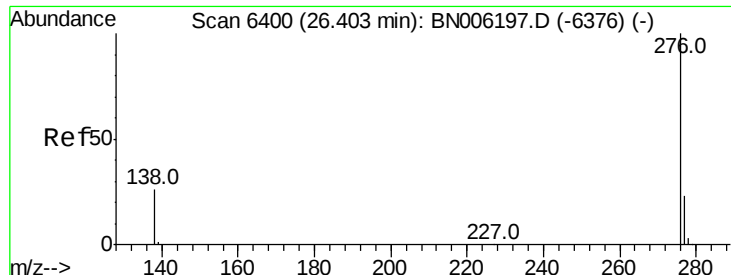
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. -0.00 min
Lab File: BN006225.D
Acq: 10 Jun 2019 16:33

Tgt Ion:278 Resp: 16195
Ion Ratio Lower Upper
278 100
139 25.0 21.2 31.8
279 28.8 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(a,h,i)perylene

Concen: 0.766 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. 0.01 min

Lab File: BN006225.D

Acq: 10 Jun 2019 16:33

Instrument :

BNA_N

ClientSampleId :

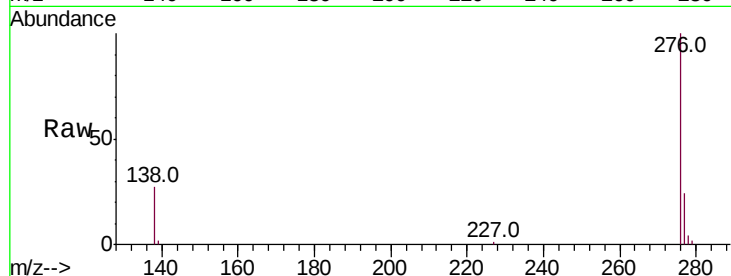
Tot Ion:276 Resp: 51344

Ion Ratio Lower Upper

276 100

138 26.7 24.2 36.4

277 24.3 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

