

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062719\
 Data File : BN006601.D
 Acq On : 27 Jun 2019 14:03
 Operator : HP/JU
 Sample : SSTD3.218
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 14:44:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 14:04:30 2019
 Response via : Initial Calibration

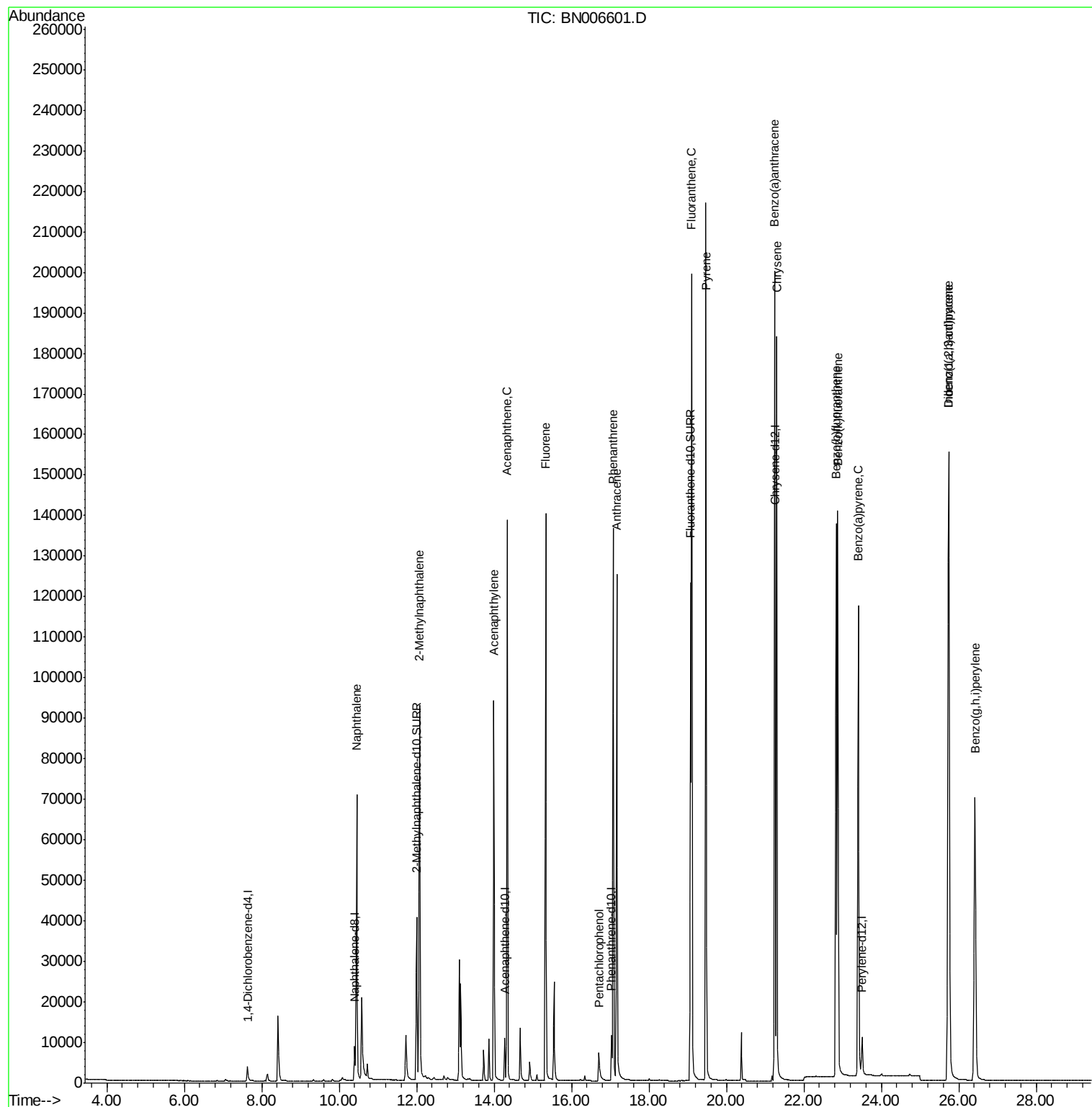
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2674	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	11044	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	6080	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	13432	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12433	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	12399	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	55803	3.30	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	129896	3.60	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	100862	3.310	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	70834	3.335	ng/ul	97
7) Acenaphthylene	13.99	152	109366	3.236	ng/ul	98
8) Acenaphthene	14.34	153	78383	3.343	ng/ul	99
9) Fluorene	15.33	166	89942	3.279	ng/ul	99
11) Pentachlorophenol	16.71	266	8834	2.588	ng/ul	94
12) Phenanthrene	17.07	178	144167	3.344	ng/ul	99
13) Anthracene	17.17	178	138055	3.353	ng/ul	98
15) Fluoranthene	19.10	202	174738	3.670	ng/ul	100
17) Pyrene	19.47	202	177639	2.712	ng/ul	99
18) Benzo(a)anthracene	21.24	228	169345	3.080	ng/ul	99
19) Chrysene	21.30	228	169170	3.277	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	170681	3.301	ng/ul	95
22) Benzo(k)fluoranthene	22.87	252	173716	3.450	ng/ul	95
23) Benzo(a)pyrene	23.40	252	163005	3.385	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.74	276	165725	3.180	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.74	278	132752	3.186	ng/ul	97
26) Benzo(g,h,i)perylene	26.42	276	136318	3.123	ng/ul	97

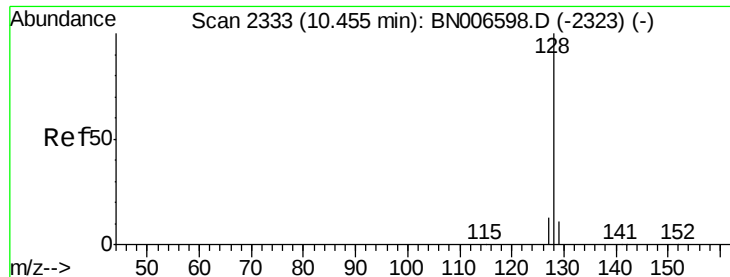
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.310 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

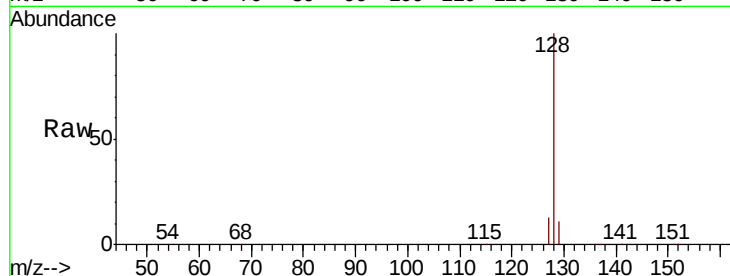
Tot Ion:128 Resp: 100862

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

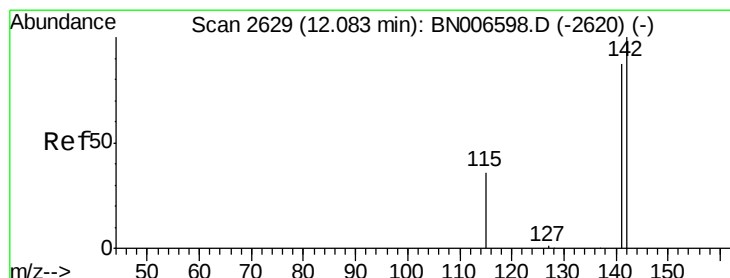
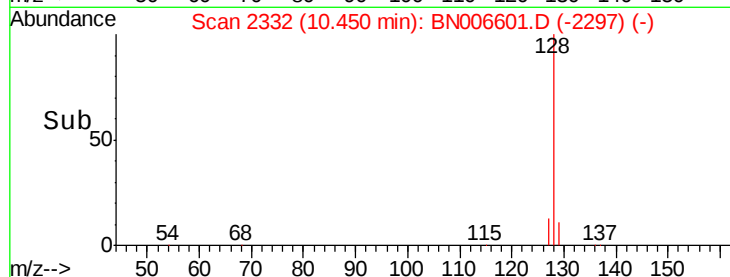
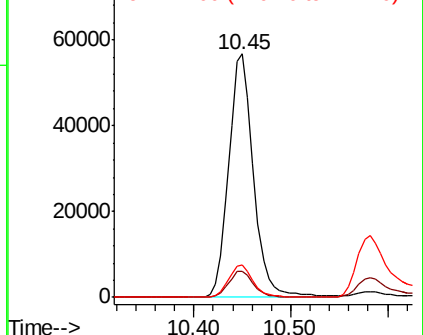
127 13.1 10.6 16.0



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: 3.335 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BN006601.D

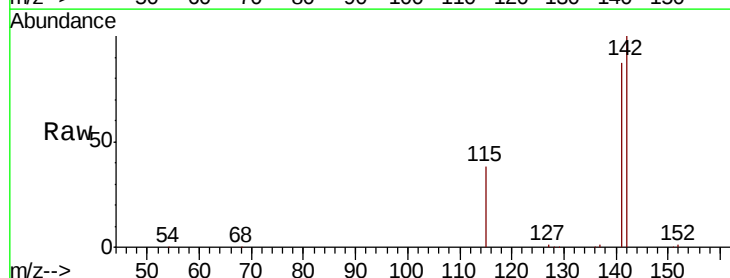
Acq: 27 Jun 2019 14:03

Tgt Ion:142 Resp: 70834

Ion Ratio Lower Upper

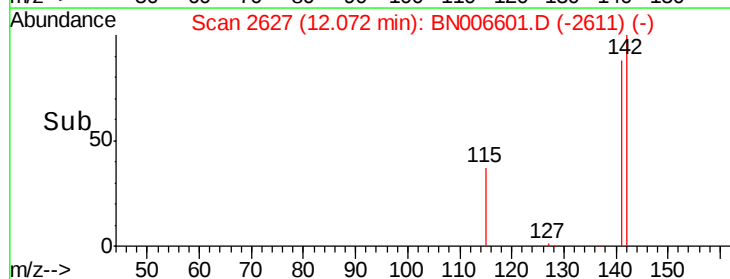
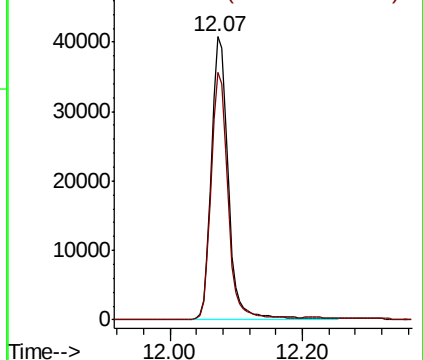
142 100

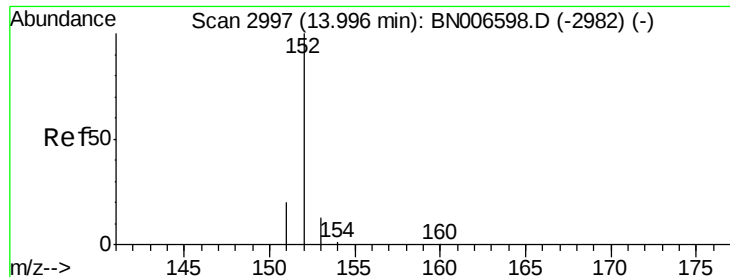
141 87.2 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.236 ng/ul

RT: 13.99 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

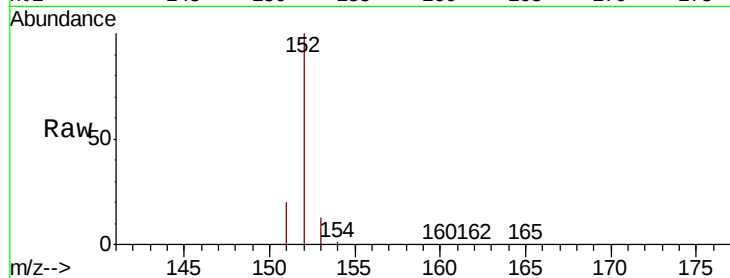
Tot Ion:152 Resp: 109366

Ion Ratio Lower Upper

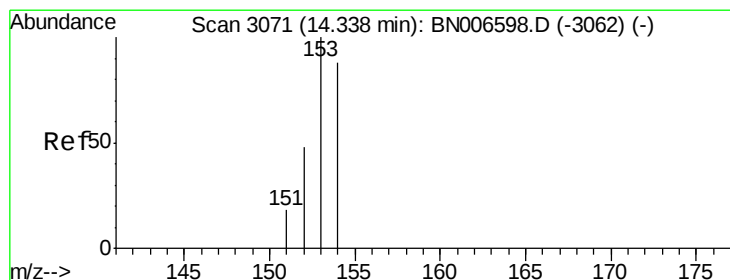
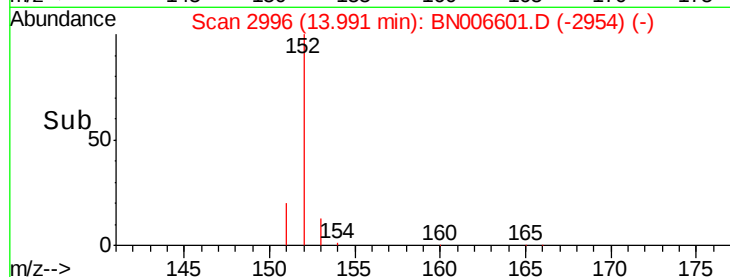
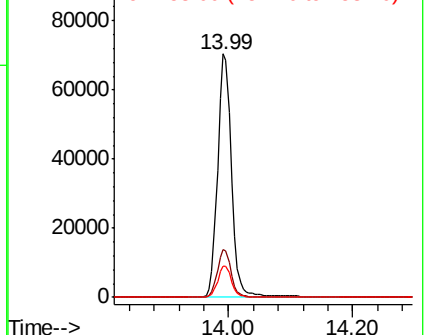
152 100

151 19.7 16.1 24.1

153 13.0 11.2 16.8



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: 3.343 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

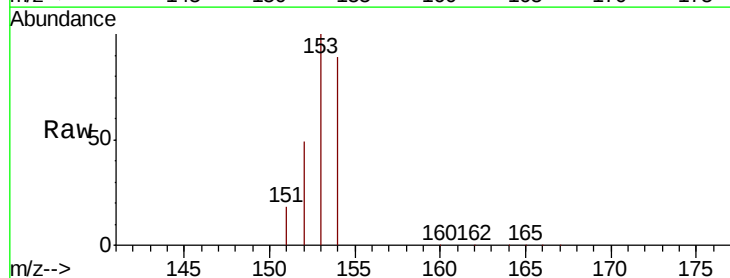
Tgt Ion:153 Resp: 78383

Ion Ratio Lower Upper

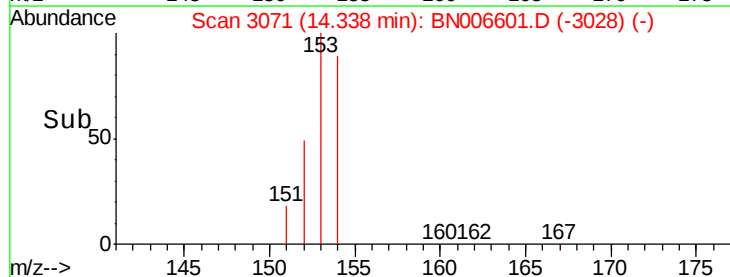
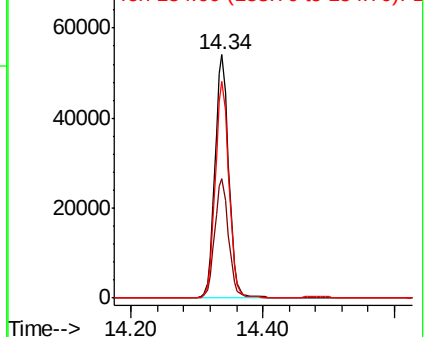
153 100

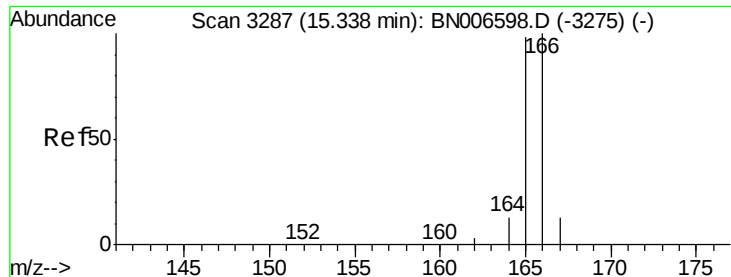
152 49.0 39.3 58.9

154 88.9 70.6 105.8



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: 3.279 ng/ul

RT: 15.33 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

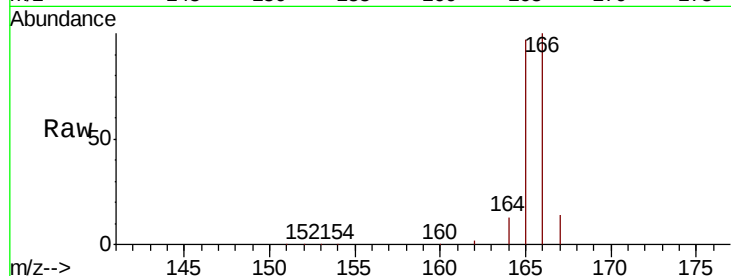
Tot Ion:166 Resp: 89942

Ion Ratio Lower Upper

166 100

165 96.5 78.2 117.4

167 13.6 11.3 16.9

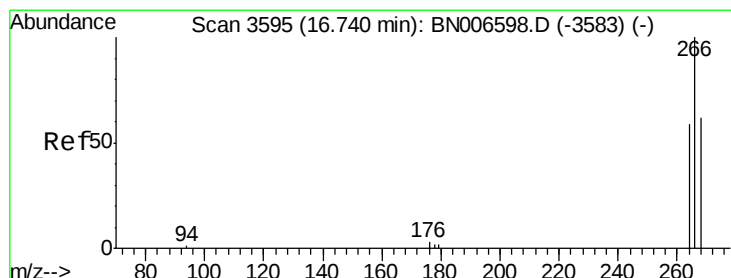
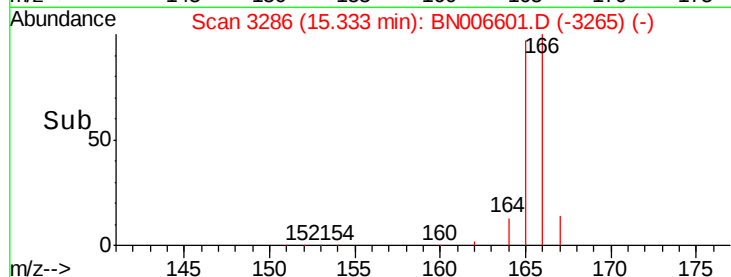
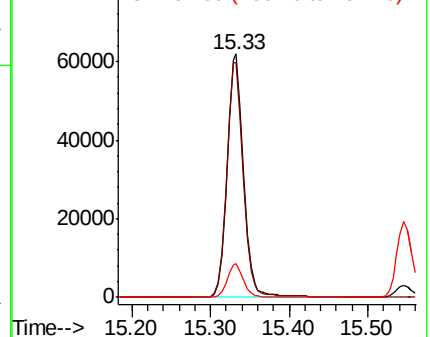


Abundance

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: 2.588 ng/ul

RT: 16.71 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

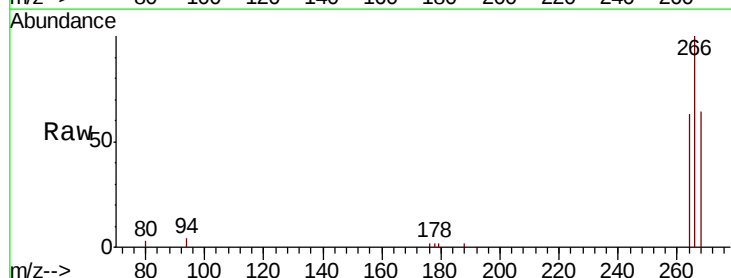
Tgt Ion:266 Resp: 8834

Ion Ratio Lower Upper

266 100

264 62.7 45.9 68.9

268 64.1 48.1 72.1

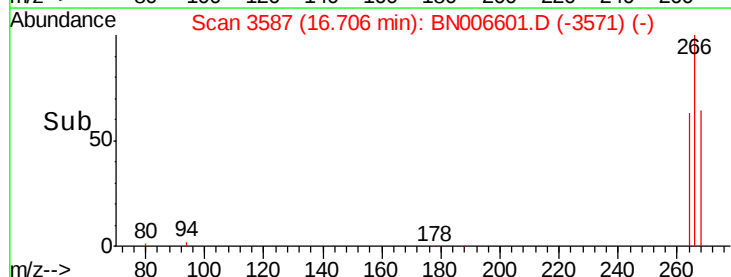
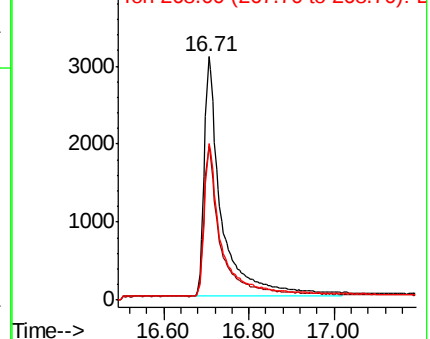


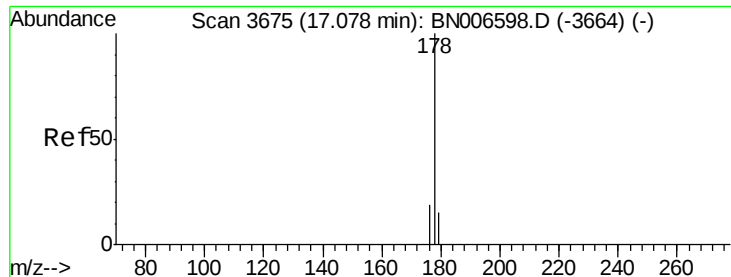
Abundance

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: 3.344 ng/ul

RT: 17.07 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

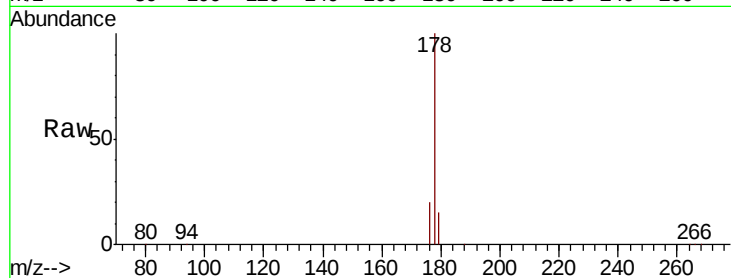
Tot Ion:178 Resp: 144167

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

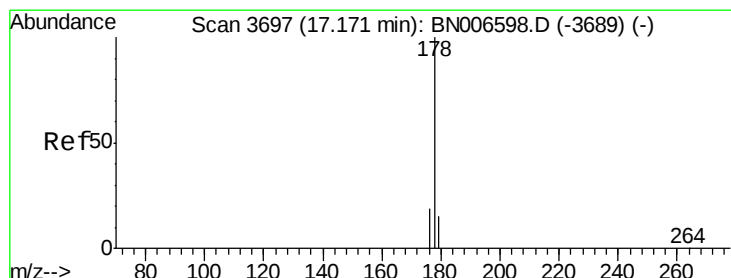
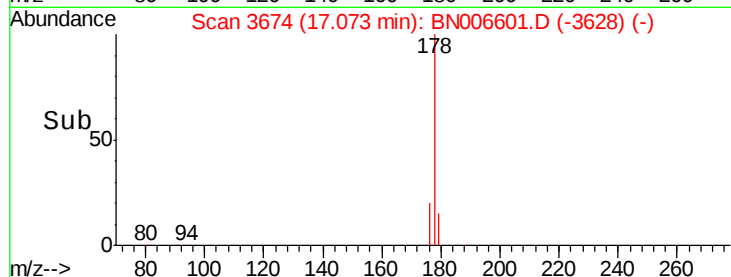
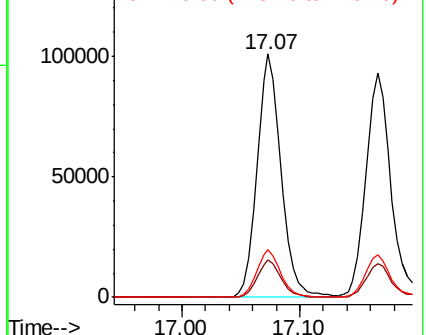
176 19.7 15.8 23.8



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: 3.353 ng/ul

RT: 17.17 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

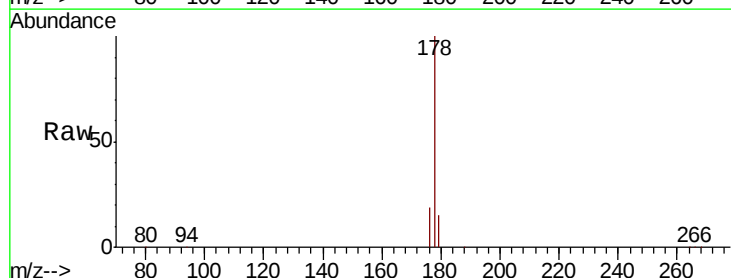
Tgt Ion:178 Resp: 138055

Ion Ratio Lower Upper

178 100

179 15.2 12.7 19.1

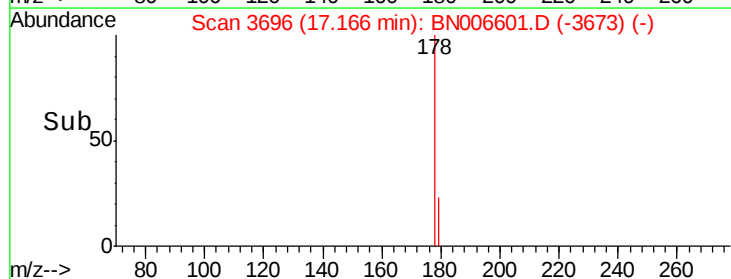
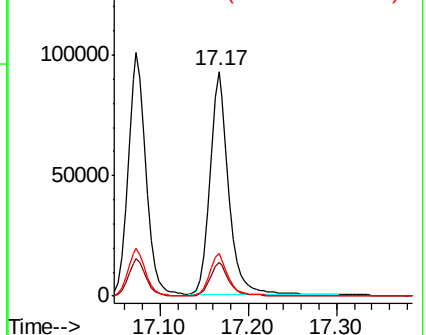
176 19.0 15.8 23.6

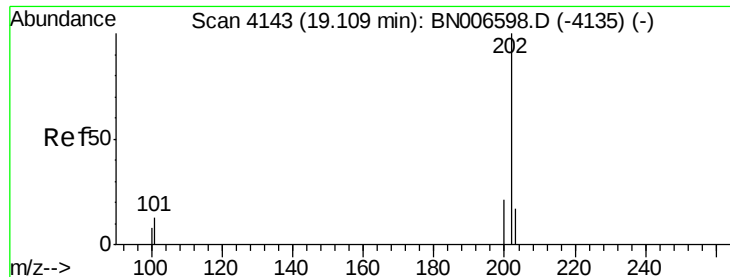


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 3.670 ng/ul

RT: 19.10 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

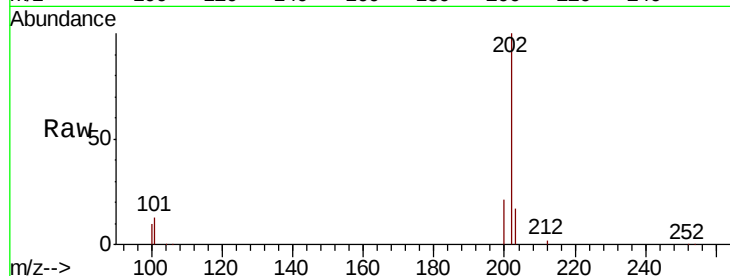
Tot Ion:202 Resp: 174738

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

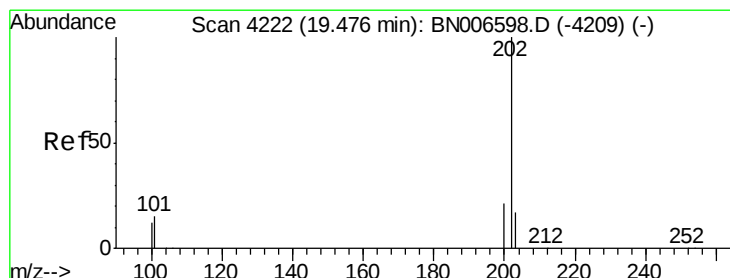
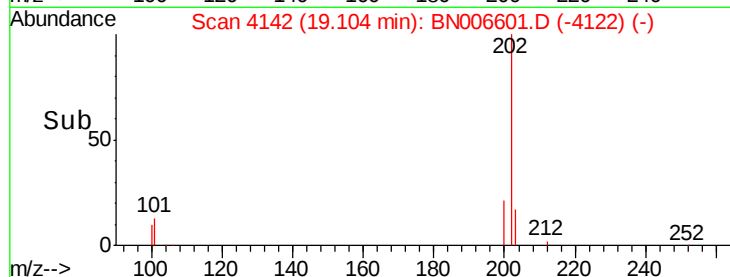
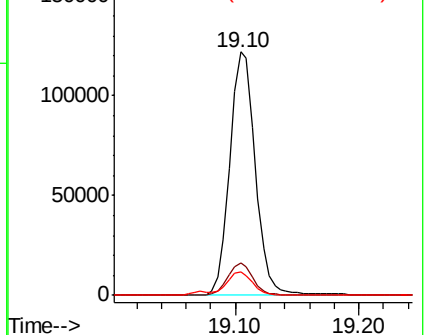
100 9.6 0.0 29.9



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: 2.712 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

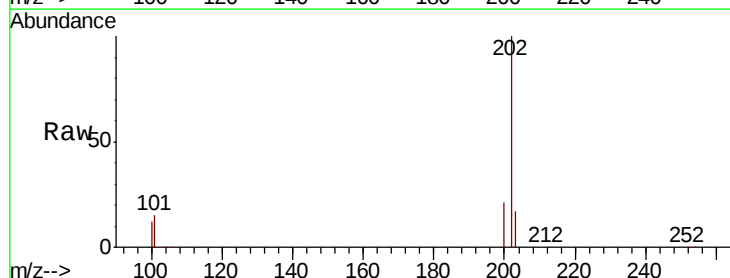
Tgt Ion:202 Resp: 177639

Ion Ratio Lower Upper

202 100

101 15.0 12.2 18.2

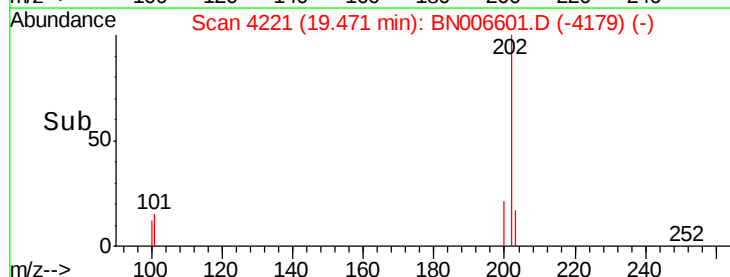
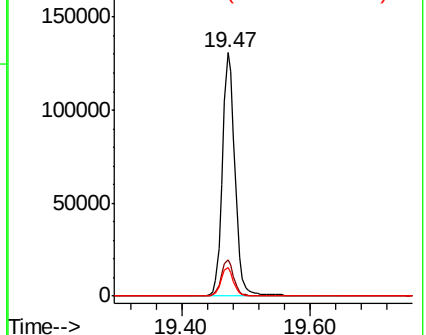
100 11.9 9.8 14.8

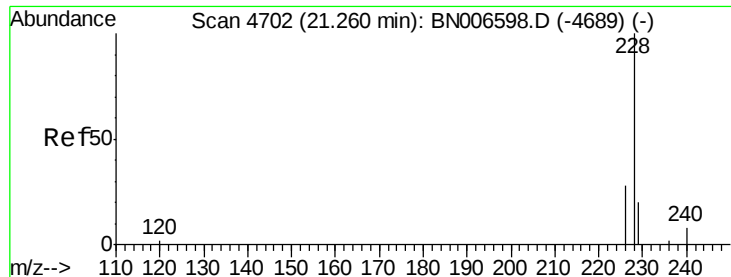


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 3.080 ng/ul

RT: 21.24 min Scan# 4696

Delta R.T. -0.02 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

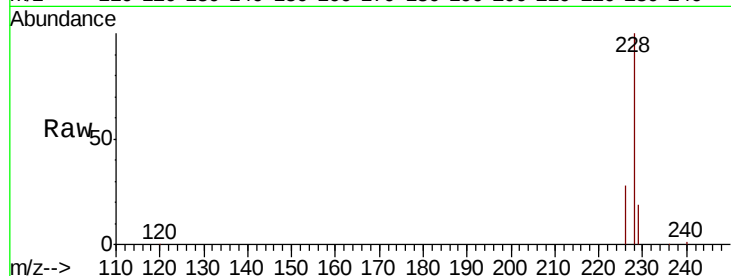
Tot Ion:228 Resp: 169345

Ion Ratio Lower Upper

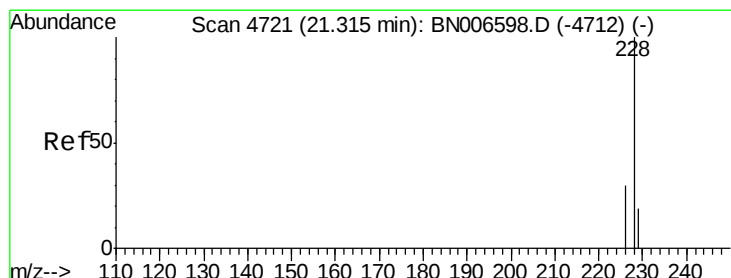
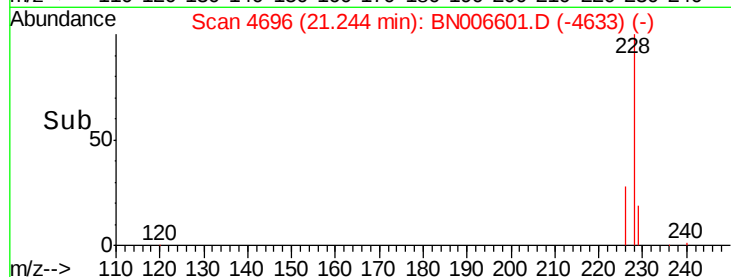
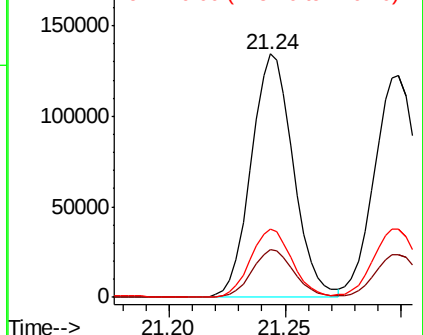
228 100

229 19.5 15.9 23.9

226 28.0 22.6 34.0



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: 3.277 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.02 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

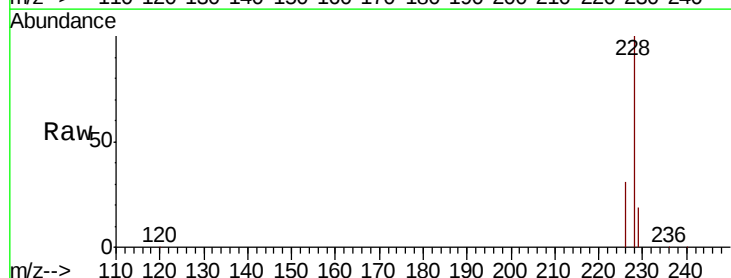
Tgt Ion:228 Resp: 169170

Ion Ratio Lower Upper

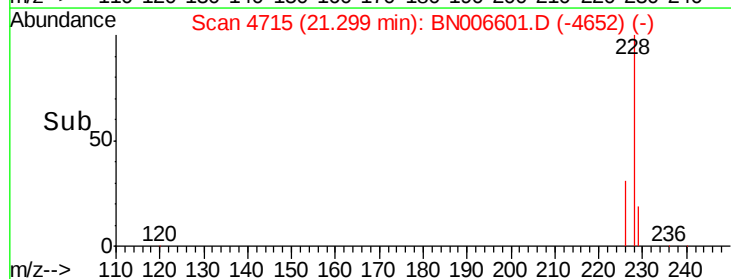
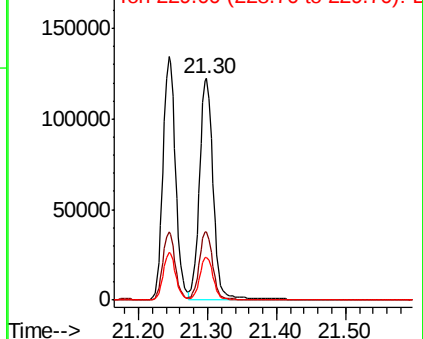
228 100

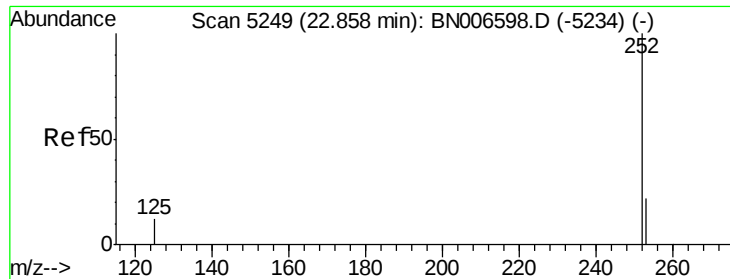
226 30.9 24.2 36.4

229 19.4 15.5 23.3



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: 3.301 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.02 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

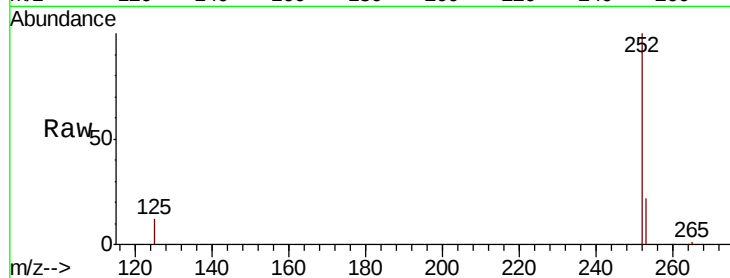
Tot Ion:252 Resp: 170681

Ion Ratio Lower Upper

252 100

253 21.9 0.0 47.8

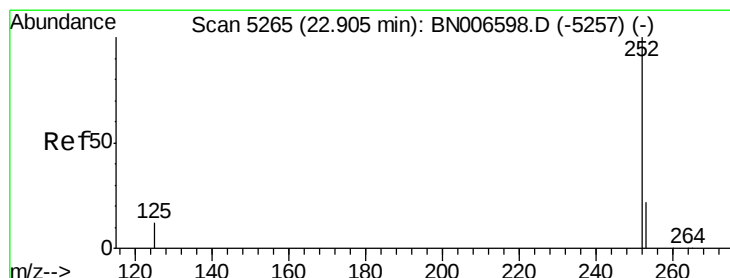
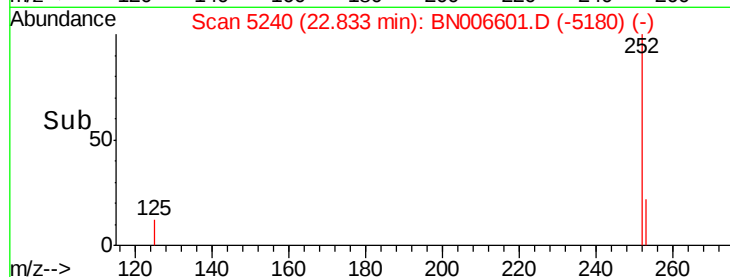
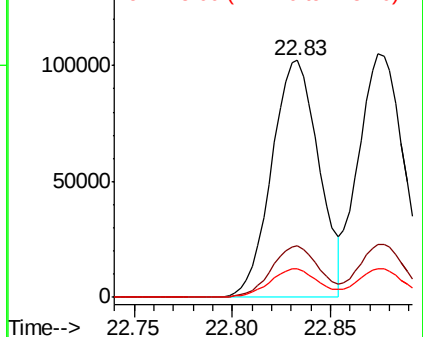
125 11.9 0.0 29.2



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: 3.450 ng/ul

RT: 22.87 min Scan# 5254

Delta R.T. -0.03 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

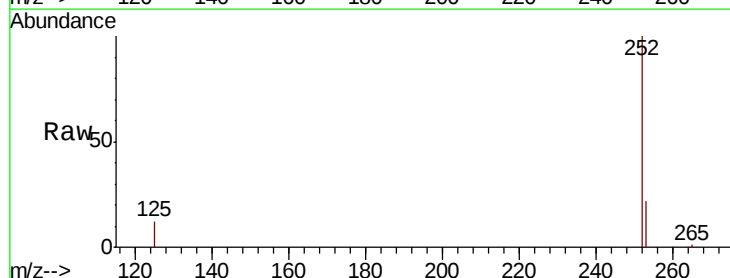
Tgt Ion:252 Resp: 173716

Ion Ratio Lower Upper

252 100

253 21.6 19.2 28.8

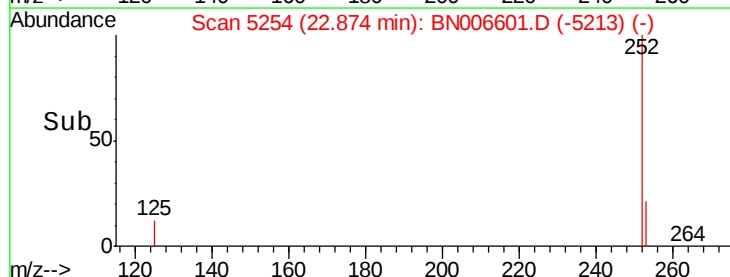
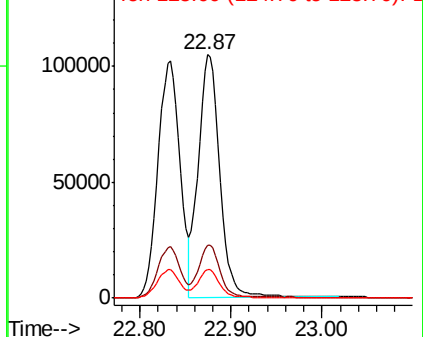
125 11.9 11.0 16.6

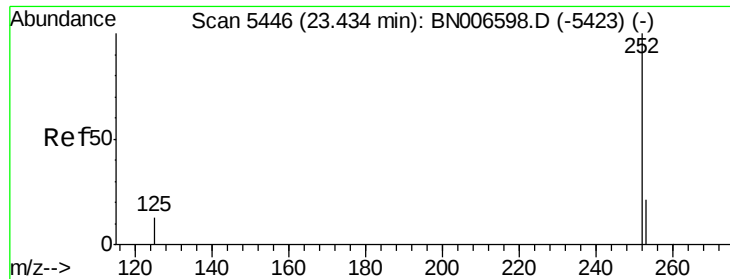


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.385 ng/u1

RT: 23.40 min Scan# 5435

Delta R.T. -0.03 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

Instrument :

BNA_N

ClientSampleId :

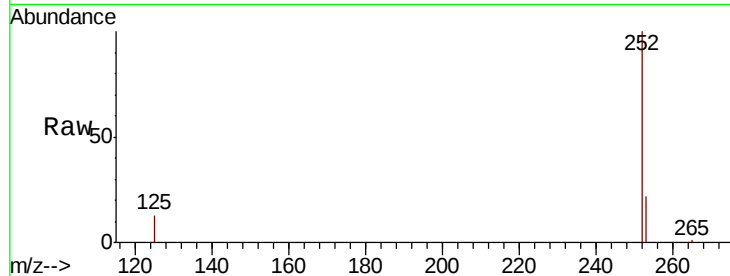
Tot Ion:252 Resp: 163005

Ion Ratio Lower Upper

252 100

253 21.8 19.4 29.2

125 13.1 12.6 19.0

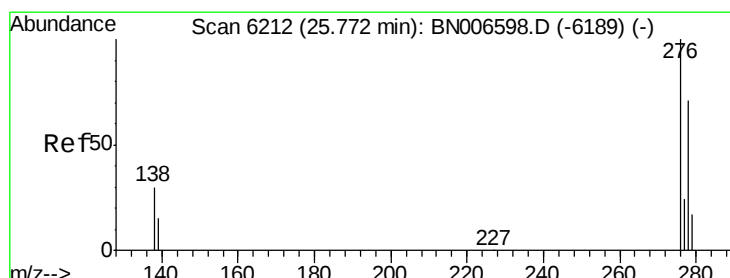
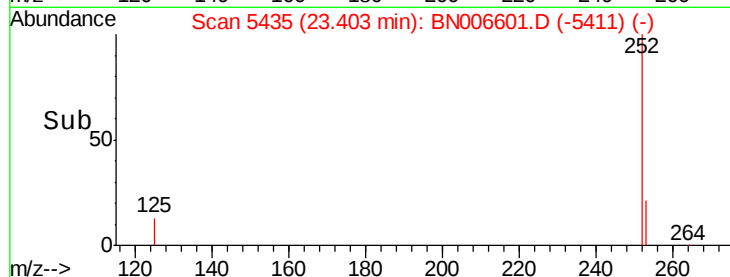
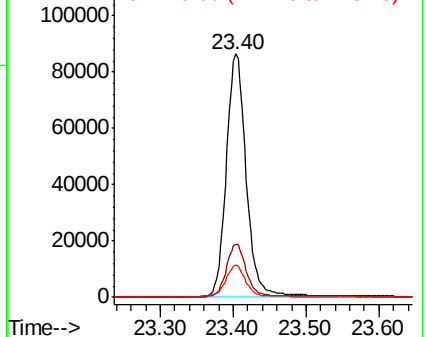


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.180 ng/u1

RT: 25.74 min Scan# 6201

Delta R.T. -0.04 min

Lab File: BN006601.D

Acq: 27 Jun 2019 14:03

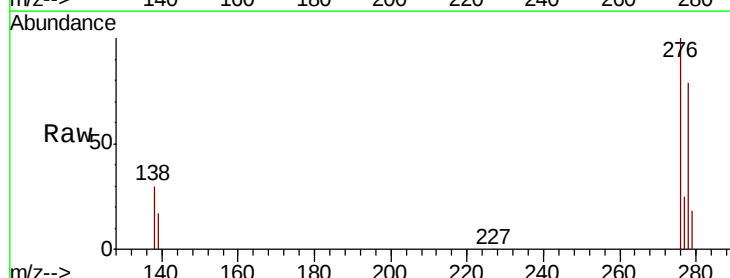
Tgt Ion:276 Resp: 165725

Ion Ratio Lower Upper

276 100

138 30.3 24.3 36.5

227 0.2 0.2 0.4#

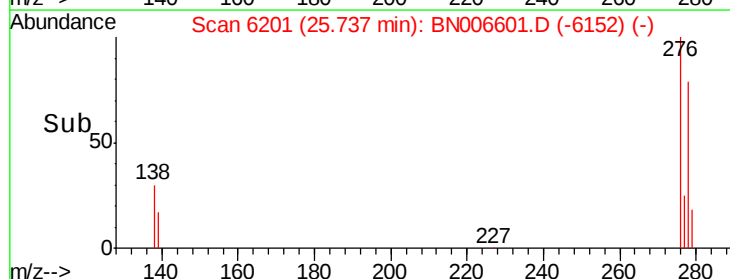
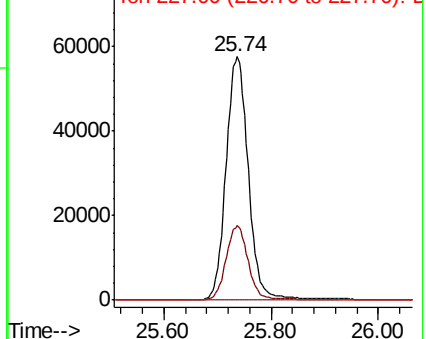


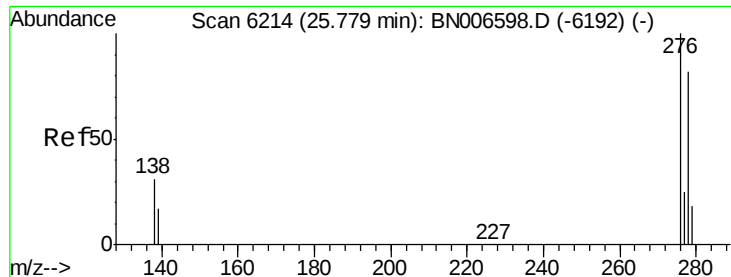
Abundance

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

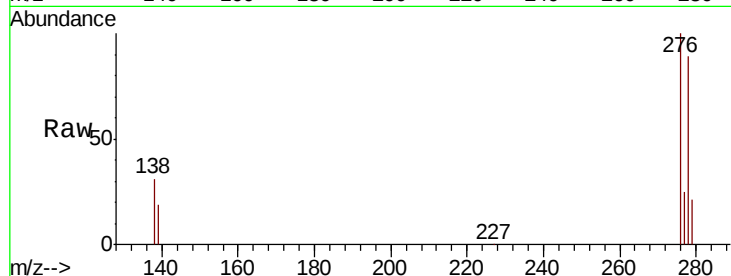




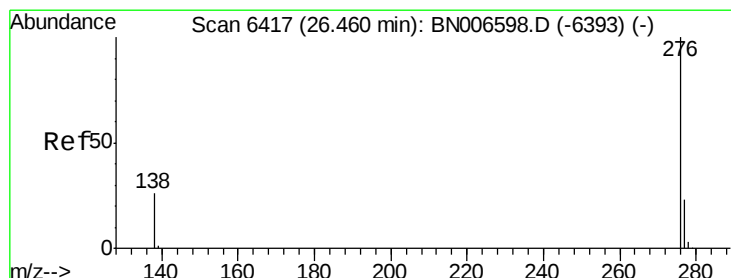
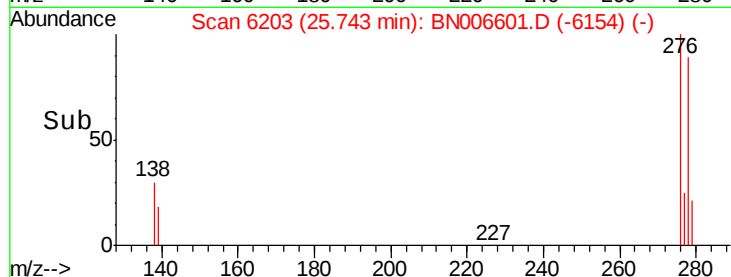
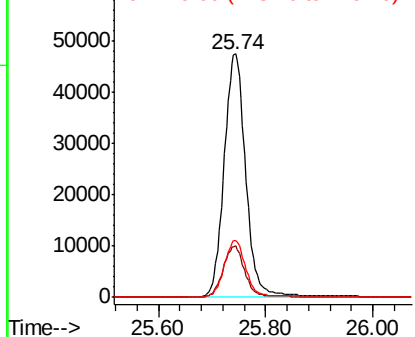
#25
Dibenzo(a,h)anthracene
Concen: 3.186 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. -0.04 min
Lab File: BN006601.D
Acq: 27 Jun 2019 14:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 132752
Ion Ratio Lower Upper
278 100
139 21.1 18.1 27.1
279 23.4 19.8 29.6

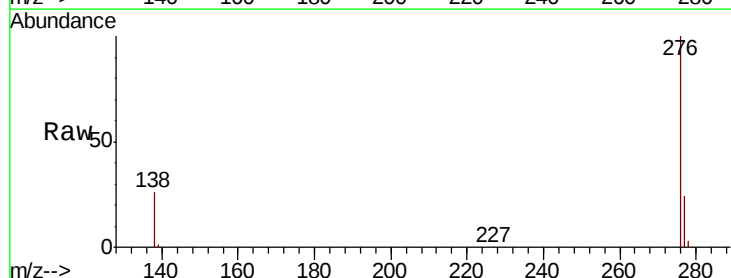


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 3.123 ng/ul
RT: 26.42 min Scan# 6405
Delta R.T. -0.04 min
Lab File: BN006601.D
Acq: 27 Jun 2019 14:03

Tgt Ion:276 Resp: 136318
Ion Ratio Lower Upper
276 100
138 25.6 22.2 33.2
277 23.7 19.5 29.3



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

