

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006140.D
 Acq On : 06 Jun 2019 17:42
 Operator : JU/SJ
 Sample : K3202-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Quant Time: Jun 07 00:28:42 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	11892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	45811	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	22661	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	45780	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	33366	0.40	ng/ul	-0.03
20) Perylene-d12	23.50	264	41589	0.40	ng/ul	-0.06

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2572	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	5291	0.04	ng/ul	0.00

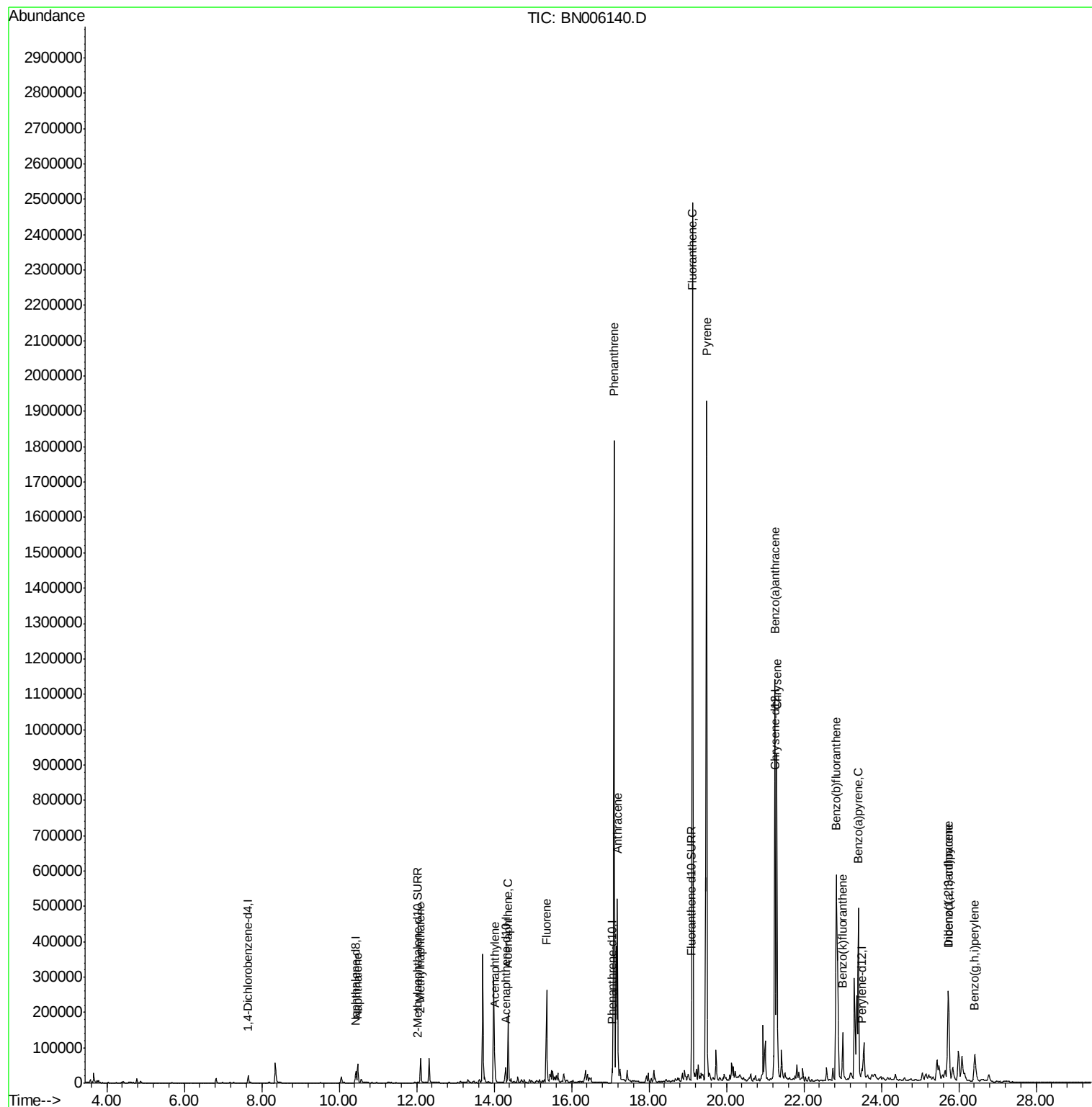
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	75825	0.600	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	56368	0.640	ng/ul	99
7) Acenaphthylene	14.02	152	90213	0.716	ng/ul	99
8) Acenaphthene	14.36	153	108198	1.238	ng/ul	99
9) Fluorene	15.36	166	169150	1.655	ng/ul	99
12) Phenanthrene	17.09	178	1982904	13.493	ng/ul	99
13) Anthracene	17.19	178	530305	3.779	ng/ul	99
15) Fluoranthene	19.12	202	2085676	12.853	ng/ul	95
17) Pyrene	19.49	202	1624228	9.242	ng/ul	99
18) Benzo(a)anthracene	21.25	228	989114	6.703	ng/ul	100
19) Chrysene	21.31	228	868767	6.271	ng/ul	97
21) Benzo(b)fluoranthene	22.84	252	1362896	7.859	ng/ul	90
22) Benzo(k)fluoranthene	23.01	252	118948	0.704	ng/ul	94
23) Benzo(a)pyrene	23.40	252	640061	3.963	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.73	276	376526	2.154	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.74	278	124146	0.888	ng/ul	96
26) Benzo(g,h,i)perylene	26.41	276	159288	1.088	ng/ul	96

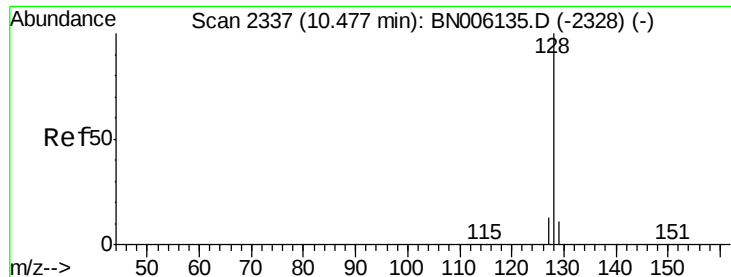
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.600 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

C0AD2

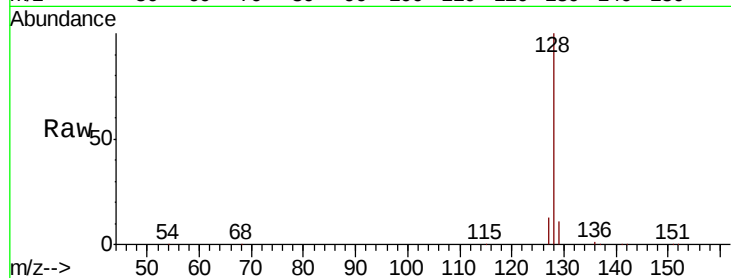
Tgt Ion:128 Resp: 75825

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

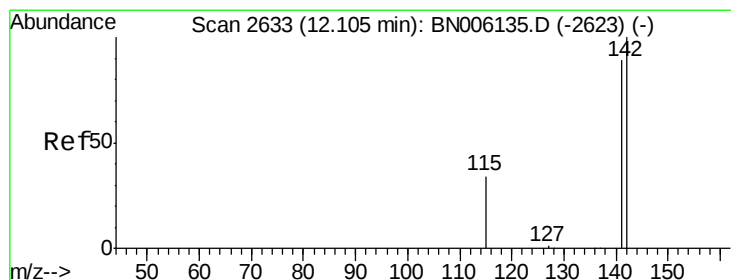
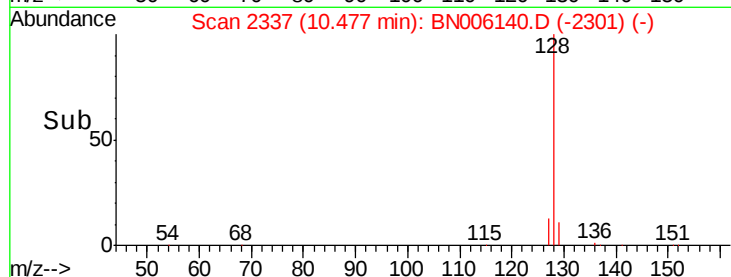
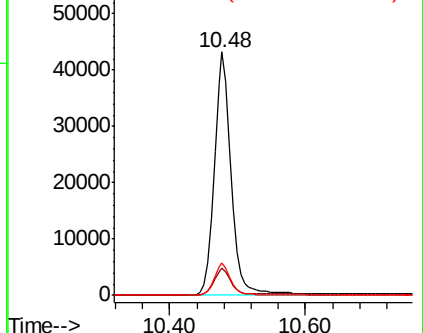
127 13.2 10.7 16.1



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: 0.640 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006140.D

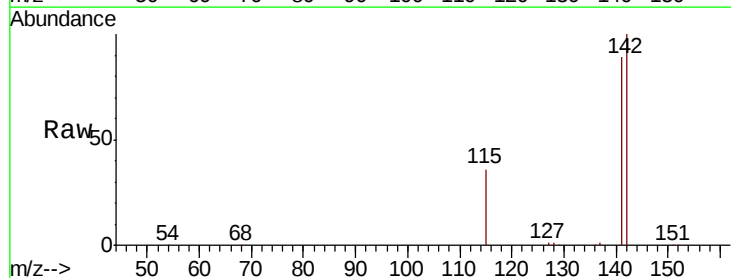
Acq: 06 Jun 2019 17:42

Tgt Ion:142 Resp: 56368

Ion Ratio Lower Upper

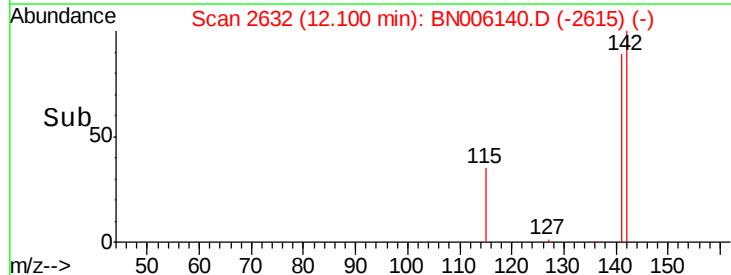
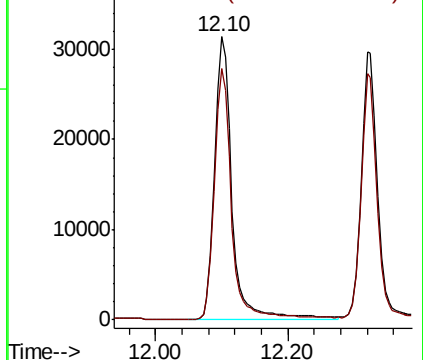
142 100

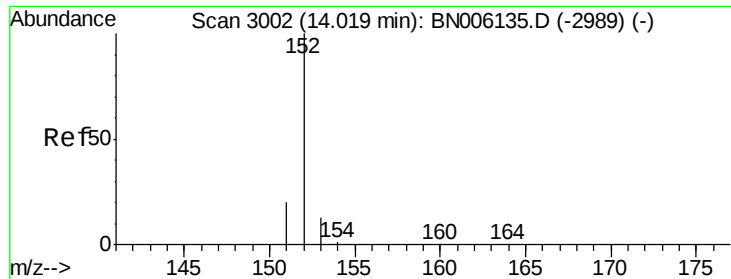
141 88.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.716 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

C0AD2

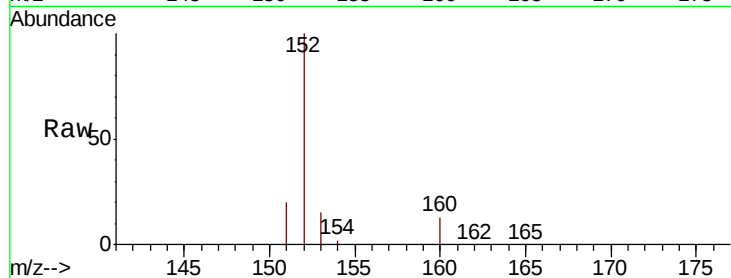
Tgt Ion:152 Resp: 90213

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

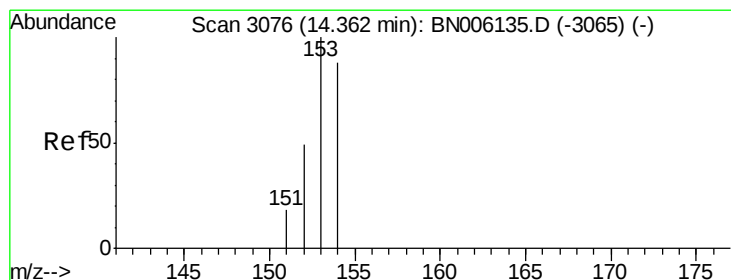
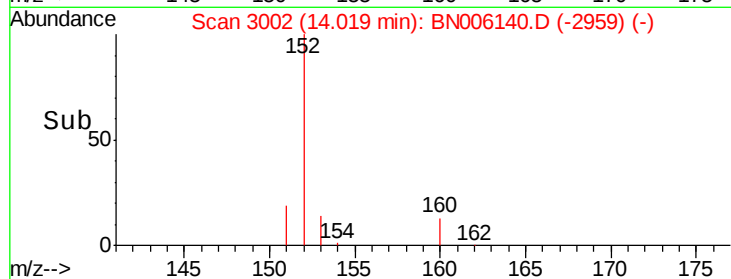
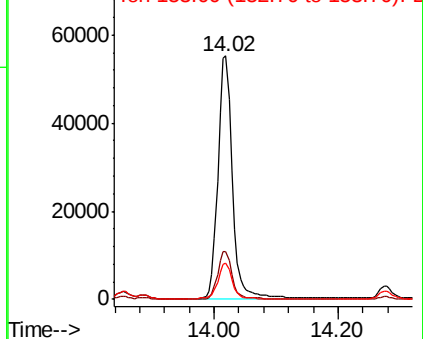
153 14.7 10.8 16.2



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: 1.238 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

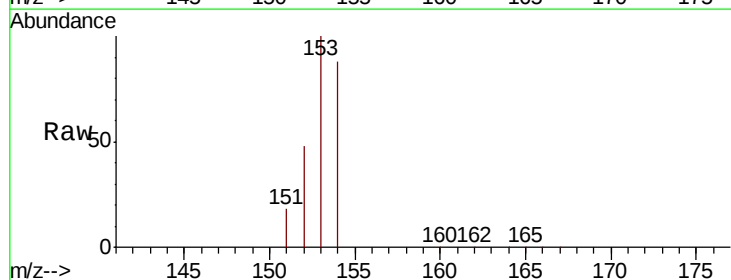
Tgt Ion:153 Resp: 108198

Ion Ratio Lower Upper

153 100

152 48.2 39.1 58.7

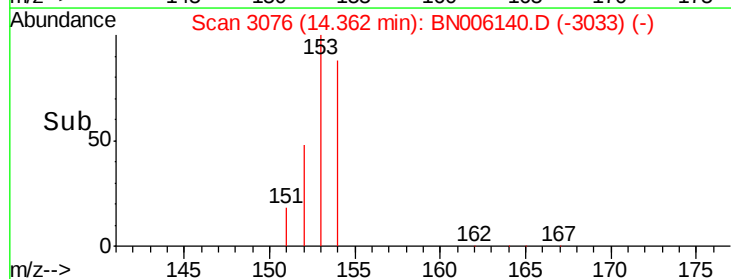
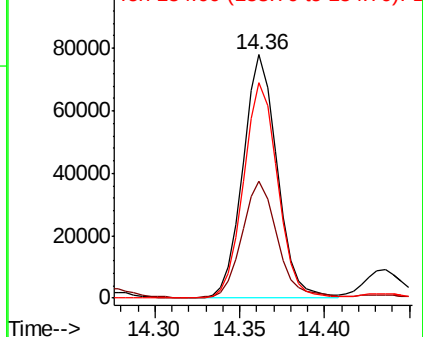
154 88.3 71.1 106.7

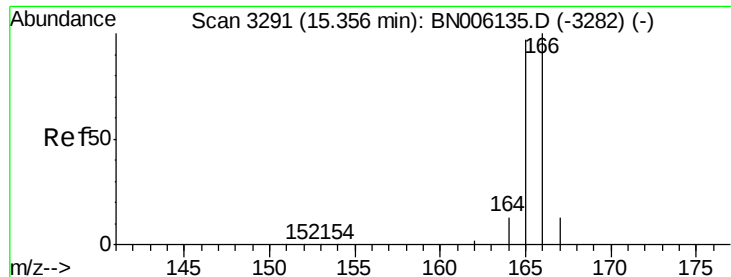


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.655 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

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C0AD2

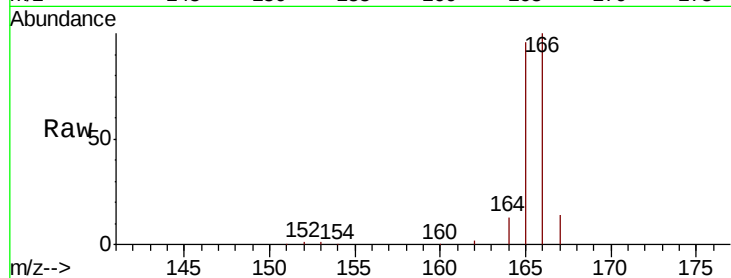
Tgt Ion:166 Resp: 169150

Ion Ratio Lower Upper

166 100

165 96.2 76.4 114.6

167 14.4 11.0 16.6

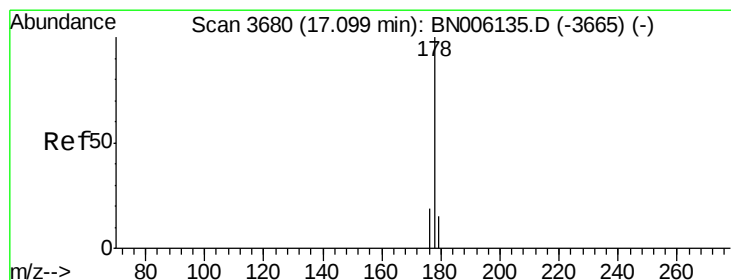
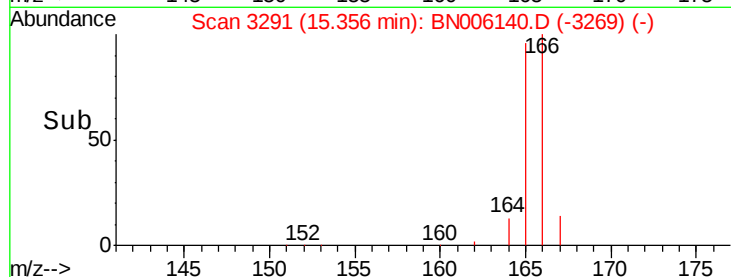
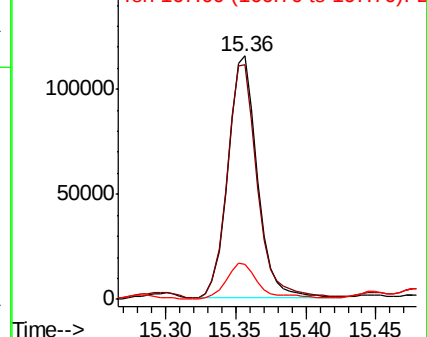


Abundance

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



#12

Phenanthrene

Concen: 13.493 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

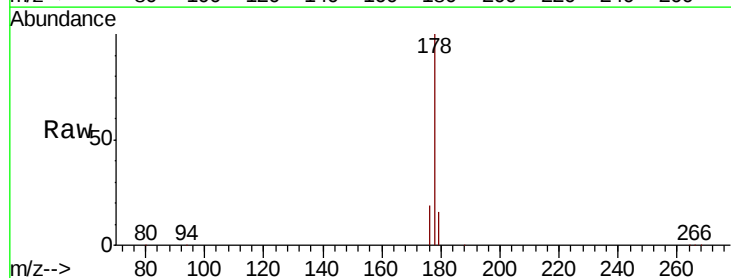
Tgt Ion:178 Resp: 1982904

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.4 15.3 22.9

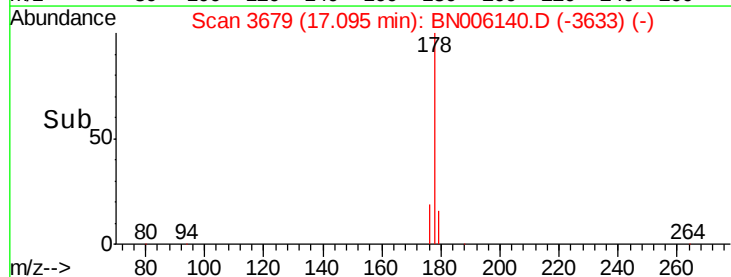
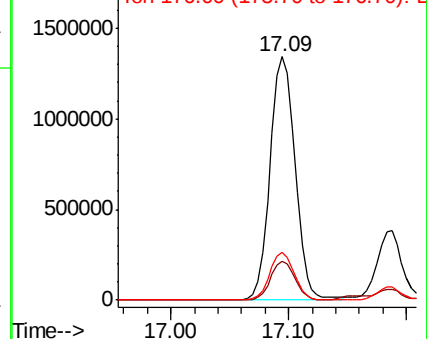


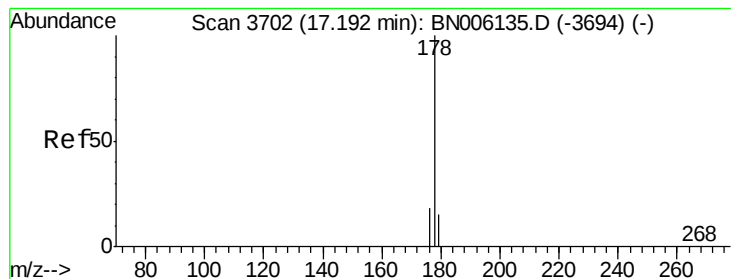
Abundance

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: 3.779 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

C0AD2

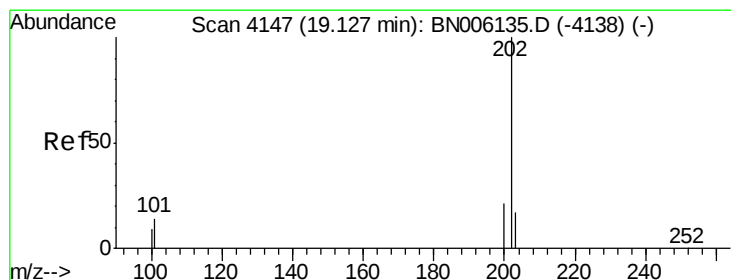
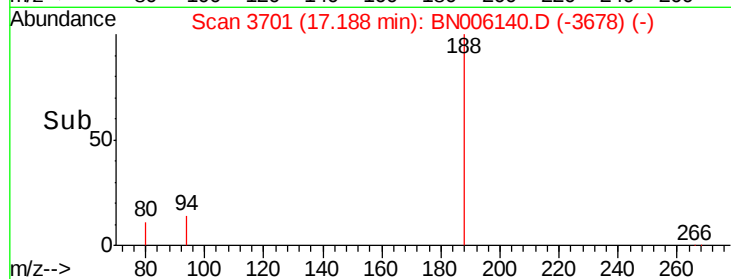
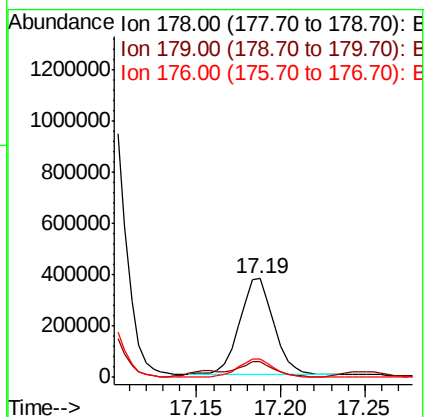
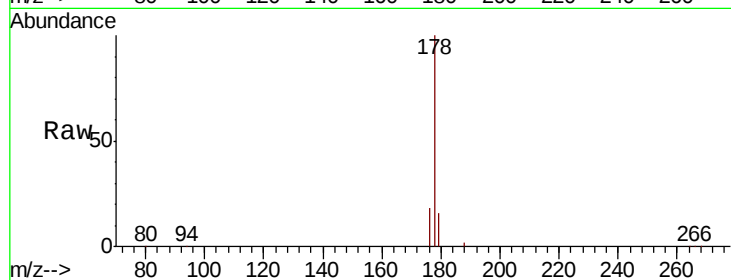
Tgt Ion:178 Resp: 530305

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.3 15.1 22.7



#15

Fluoranthene

Concen: 12.853 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

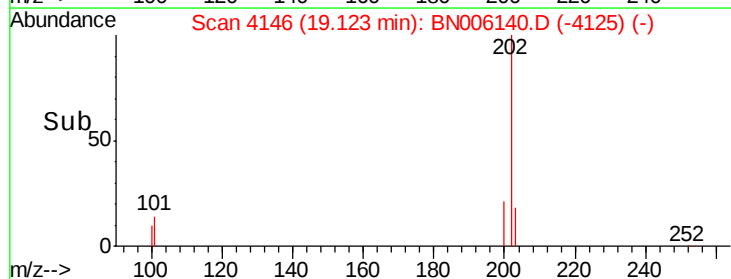
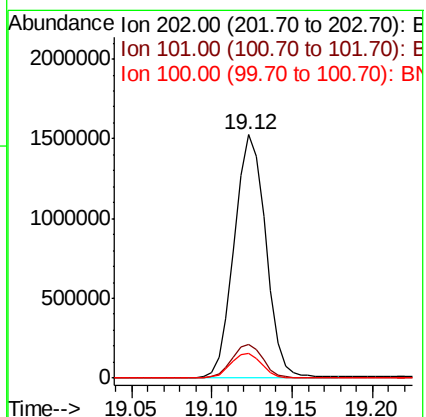
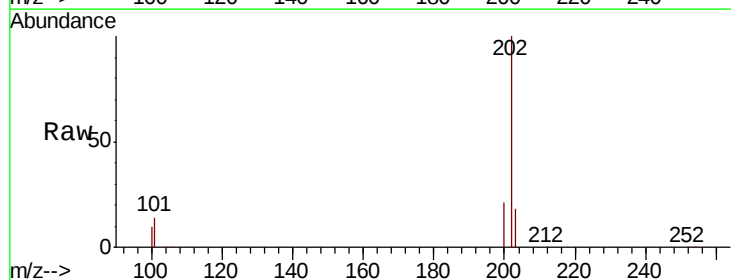
Tgt Ion:202 Resp: 2085676

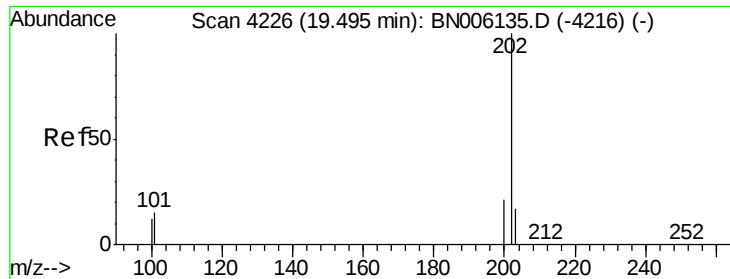
Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.1

100 10.3 0.0 28.7

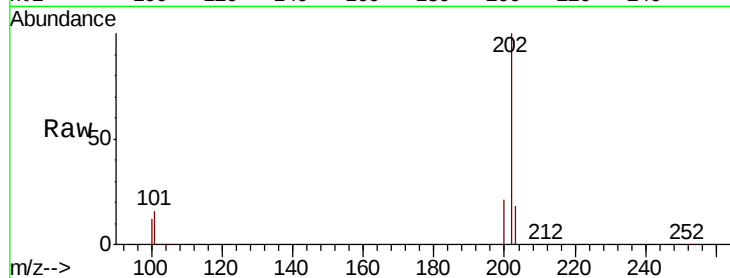




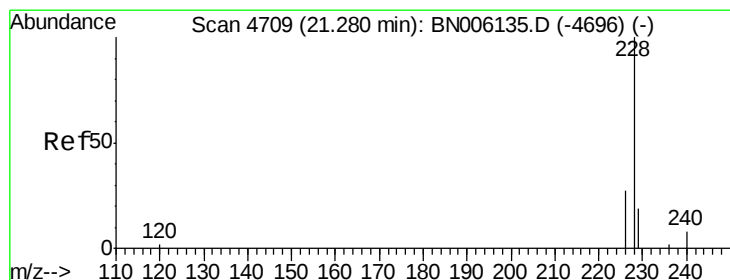
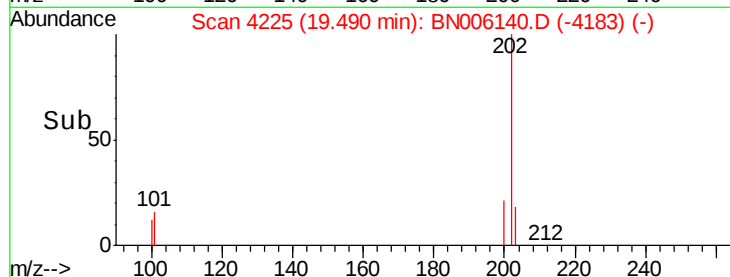
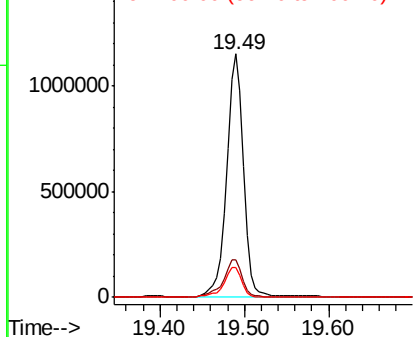
#17
Pyrene
Concen: 9.242 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BN006140.D
Acq: 06 Jun 2019 17:42

Instrument :
BNA_N
ClientSampleId :
C0AD2

Tgt Ion:202 Resp: 1624228
Ion Ratio Lower Upper
202 100
101 15.6 12.2 18.2
100 12.2 9.8 14.6

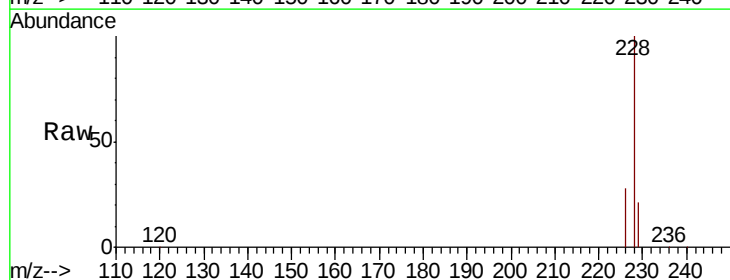


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

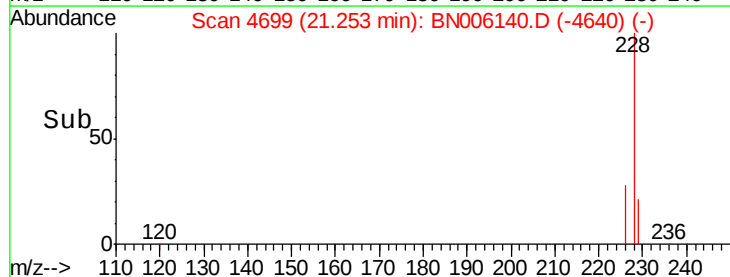
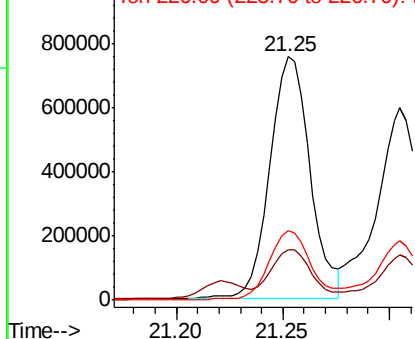


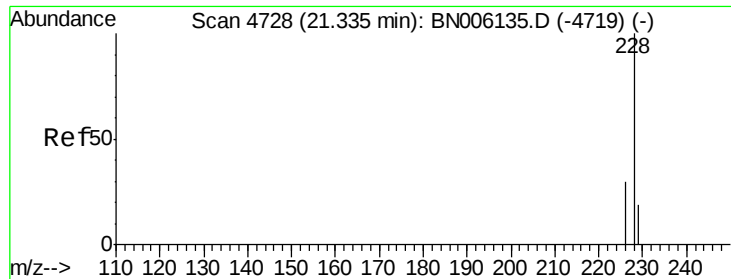
#18
Benzo(a)anthracene
Concen: 6.703 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. -0.03 min
Lab File: BN006140.D
Acq: 06 Jun 2019 17:42

Tgt Ion:228 Resp: 989114
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 28.5 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: 6.271 ng/ul

RT: 21.31 min Scan# 4717

Delta R.T. -0.03 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

C0AD2

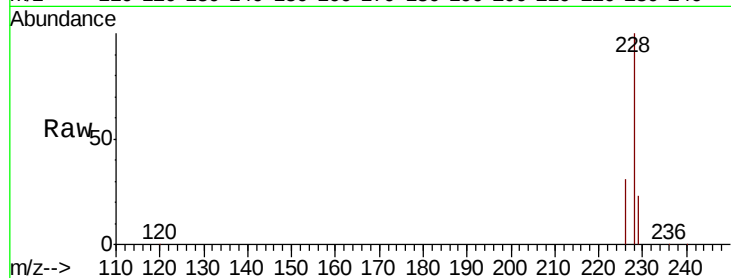
Tgt Ion:228 Resp: 868767

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 23.2 16.3 24.5

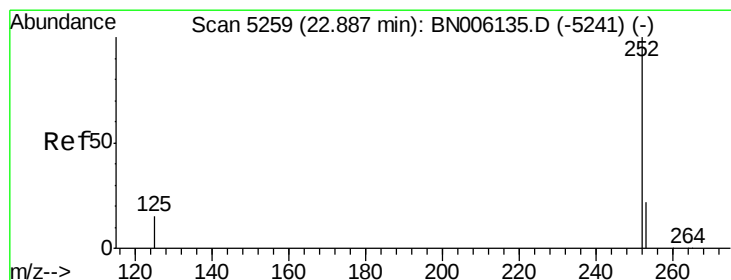
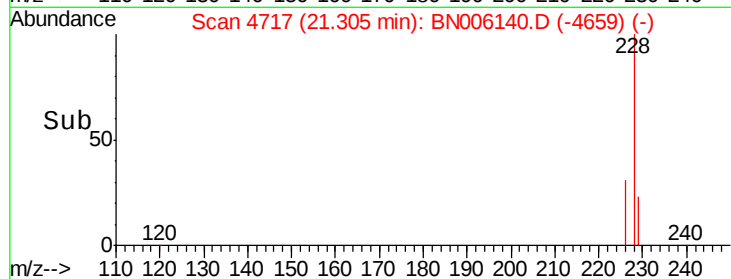
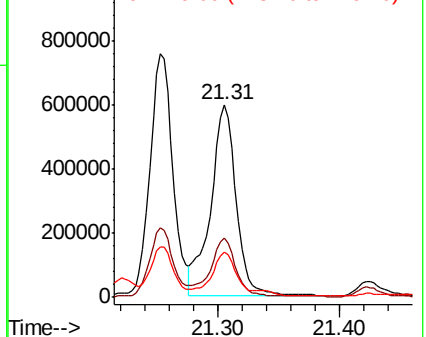


Abundance

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: 7.859 ng/ul

RT: 22.84 min Scan# 5241

Delta R.T. -0.05 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

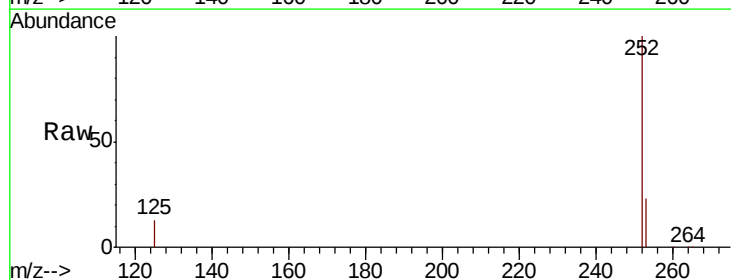
Tgt Ion:252 Resp: 1362896

Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

125 13.3 0.0 41.0

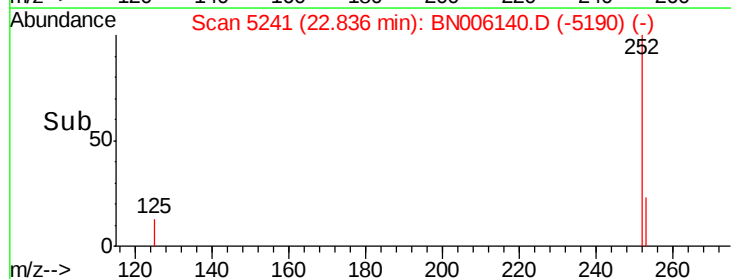
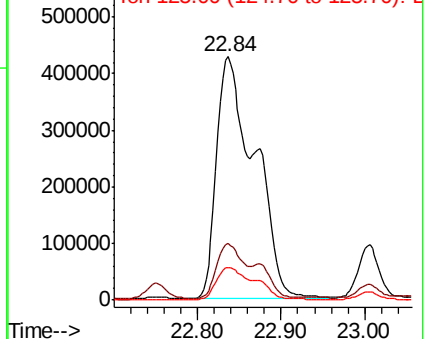


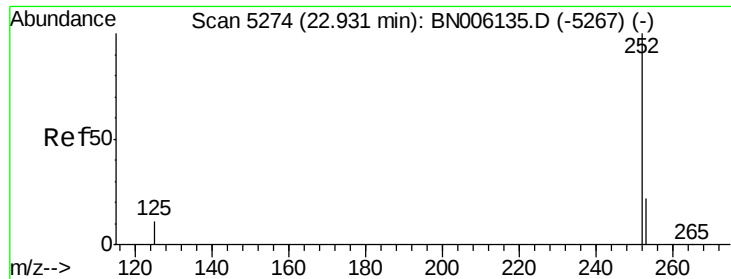
Abundance

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: 0.704 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. 0.07 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

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C0AD2

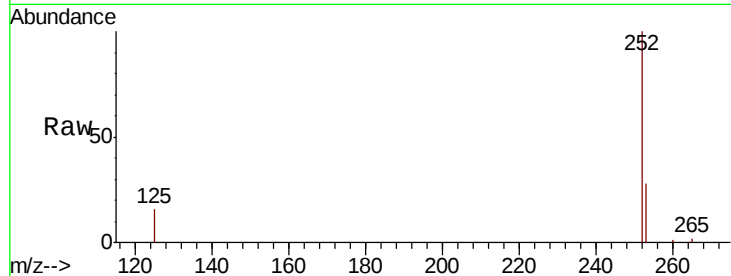
Tgt Ion:252 Resp: 118948

Ion Ratio Lower Upper

252 100

253 28.5 20.3 30.5

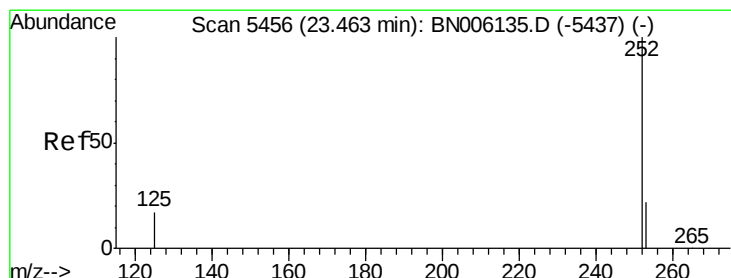
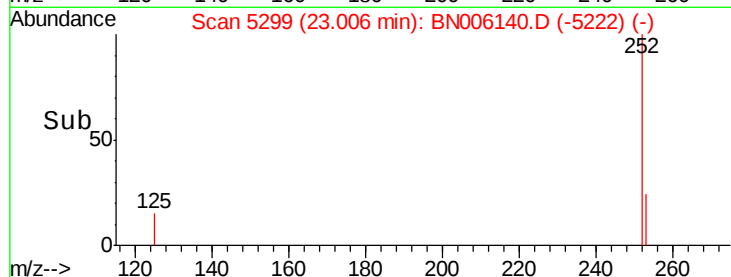
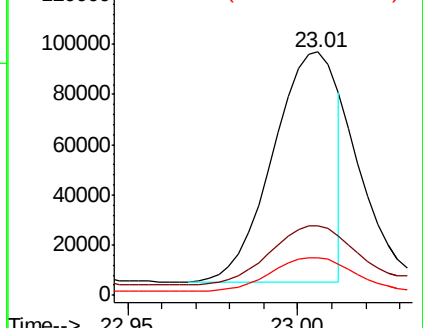
125 15.6 14.3 21.5



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: 3.963 ng/ul

RT: 23.40 min Scan# 5435

Delta R.T. -0.06 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

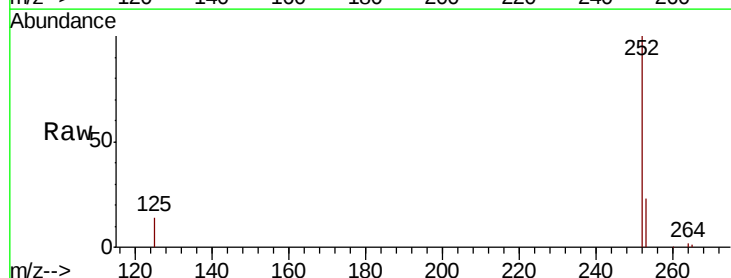
Tgt Ion:252 Resp: 640061

Ion Ratio Lower Upper

252 100

253 23.1 21.1 31.7

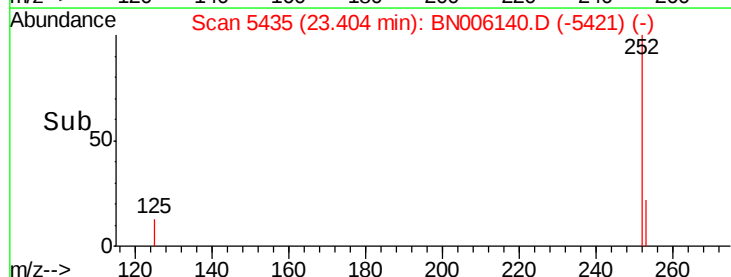
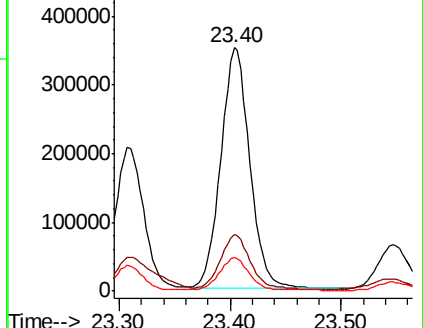
125 13.7 20.3 30.5#

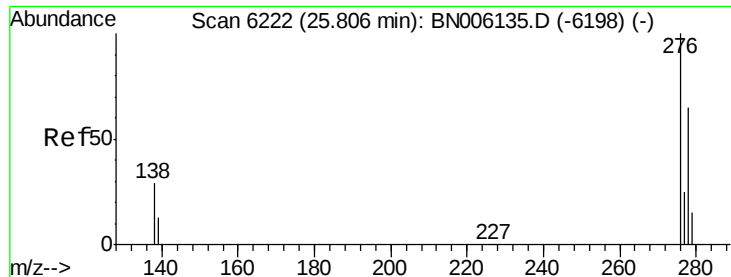


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



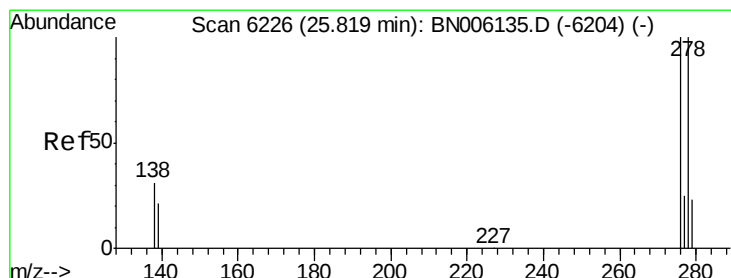
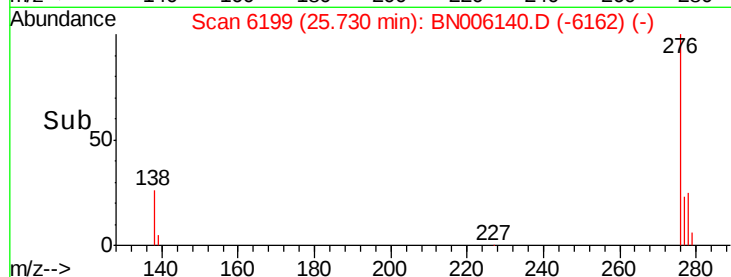
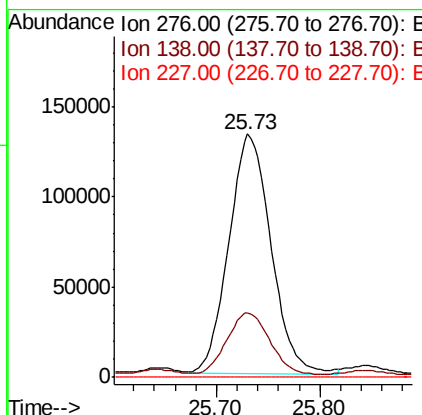
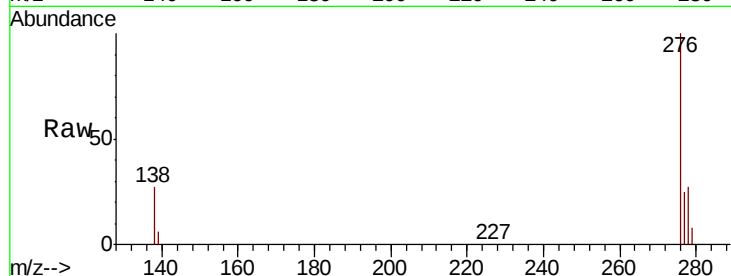


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.154 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.08 min
Lab File: BN006140.D
Acq: 06 Jun 2019 17:42

Instrument :
BNA_N
ClientSampleId :
C0AD2

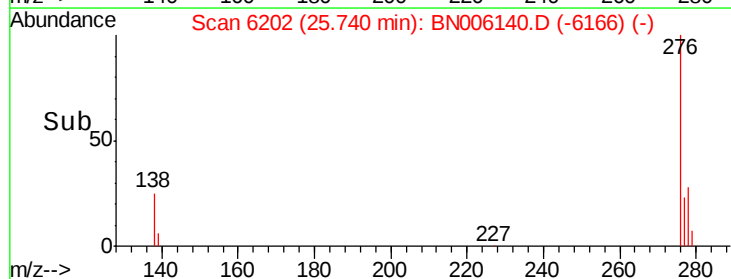
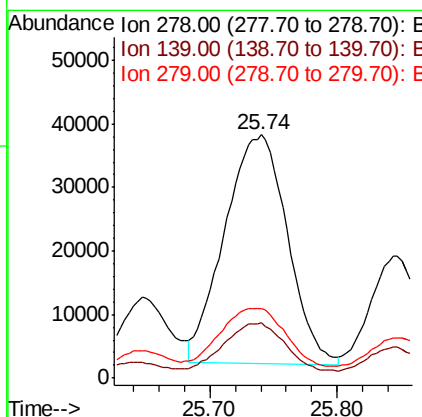
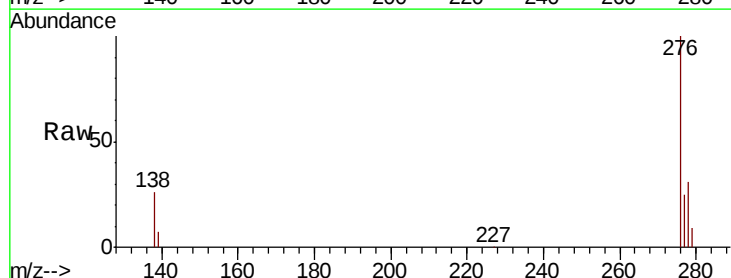
Tgt Ion: 276 Resp: 376526
Ion Ratio Lower Upper
276 100
138 26.4 25.6 38.4
227 0.2 0.3 0.5#

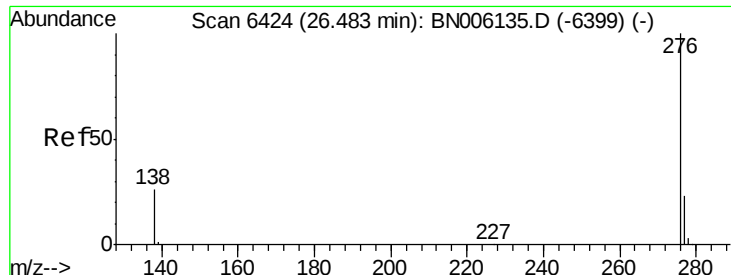


#25

Dibenzo(a,h)anthracene
Concen: 0.888 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. -0.08 min
Lab File: BN006140.D
Acq: 06 Jun 2019 17:42

Tgt Ion: 278 Resp: 124146
Ion Ratio Lower Upper
278 100
139 22.5 21.2 31.8
279 28.4 22.6 33.8





#26

Benzo(g,h,i)perylene

Concen: 1.088 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. -0.07 min

Lab File: BN006140.D

Acq: 06 Jun 2019 17:42

Instrument :

BNA_N

ClientSampleId :

C0AD2

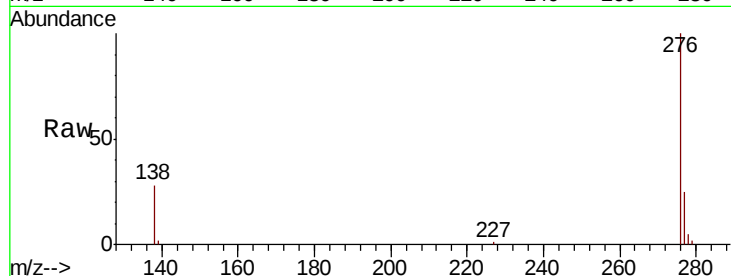
Tgt Ion: 276 Resp: 159288

Ion Ratio Lower Upper

276 100

138 27.6 24.2 36.4

277 24.9 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

