

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
 Data File : BE096203.D
 Acq On : 27 Apr 2018 12:11
 Operator : SJ/JU
 Sample : J2449-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 23:58:20 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 23:57:47 2018
 Response via : Initial Calibration

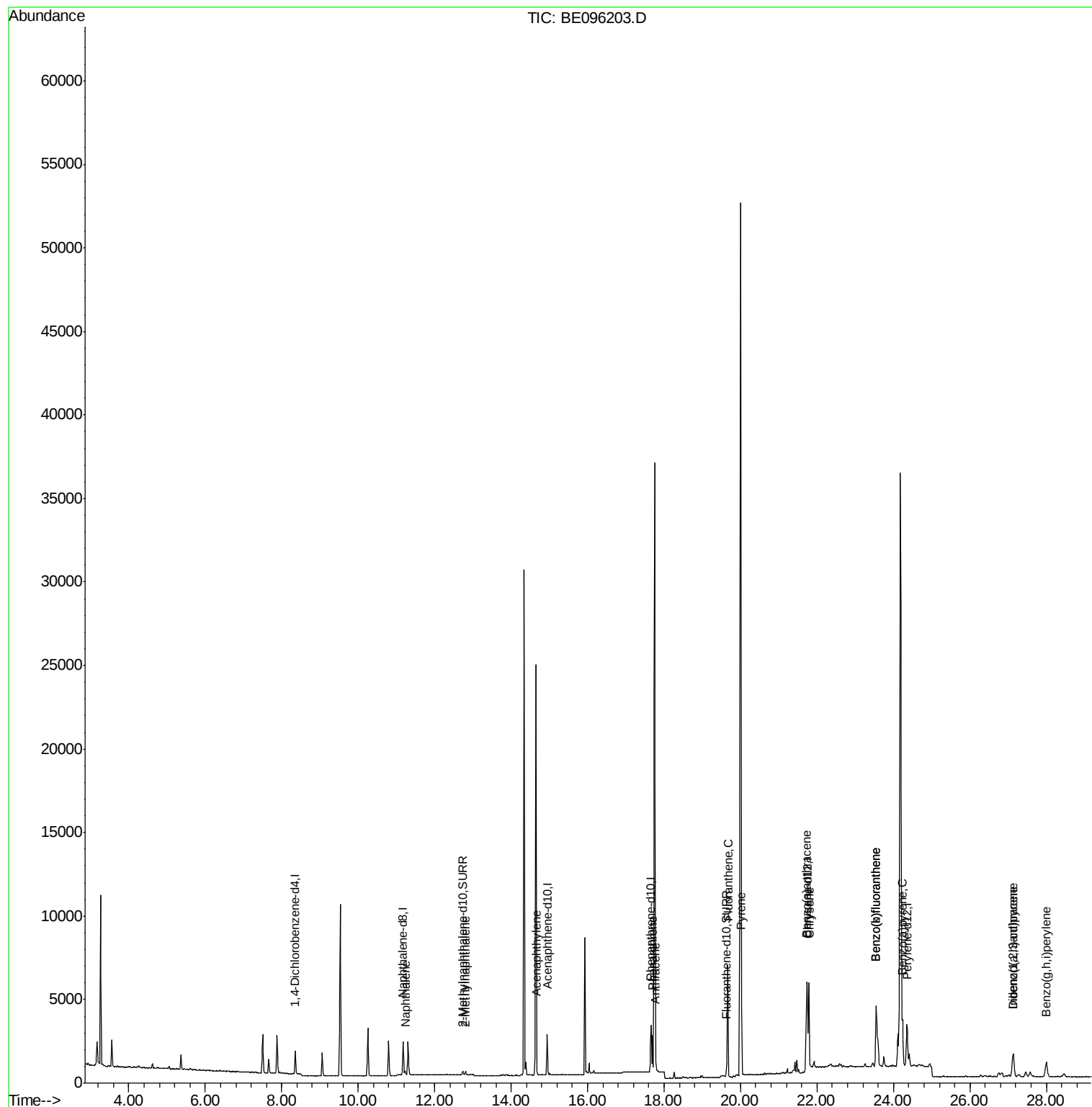
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	680	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2596	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1378	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3393	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4624	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3839	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	258	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	756	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	281	0.039	ng/ul#	49
5) 2-Methylnaphthalene	12.81	142	170	0.035	ng/ul	91
7) Acenaphthylene	14.67	152	178	0.025	ng/ul#	48
12) Phenanthrene	17.70	178	2573	0.258	ng/ul#	90
13) Anthracene	17.78	178	614	0.061	ng/ul#	92
15) Fluoranthene	19.67	202	7600	0.498	ng/ul	84
17) Pyrene	20.02	202	4058	0.437	ng/ul#	80
18) Benzo(a)anthracene	21.73	228	2793	0.200	ng/ul#	88
19) Chrysene	21.79	228	5547	0.431	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	9313	0.641	ng/ul	90
22) Benzo(k)fluoranthene	23.55	252	9313	0.670	ng/ul	92
23) Benzo(a)pyrene	24.23	252	4021	0.318	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.13	276	2756	0.162	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.13	278	745	0.052	ng/ul#	69
26) Benzo(g,h,i)perylene	28.00	276	2267	0.153	ng/ul	95

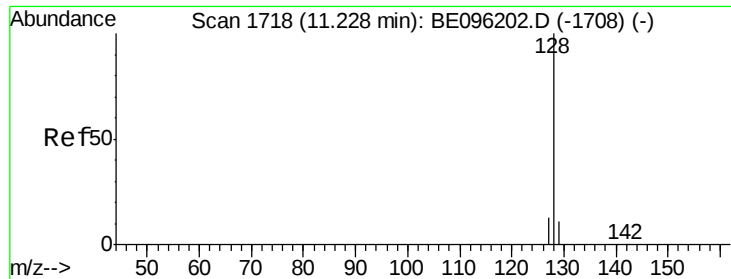
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
Data File : BE096203.D
Acq On : 27 Apr 2018 12:11
Operator : SJ/JU
Sample : J2449-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 27 23:58:20 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 23:57:47 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

Instrument :

BNA_E

ClientSampleId :

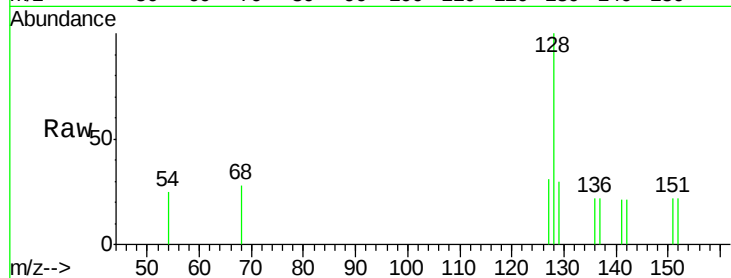
Tot Ion:128 Resp: 281

Ion Ratio Lower Upper

128 100

129 30.5 11.3 16.9#

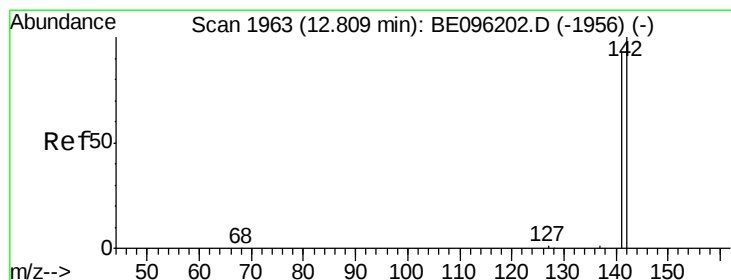
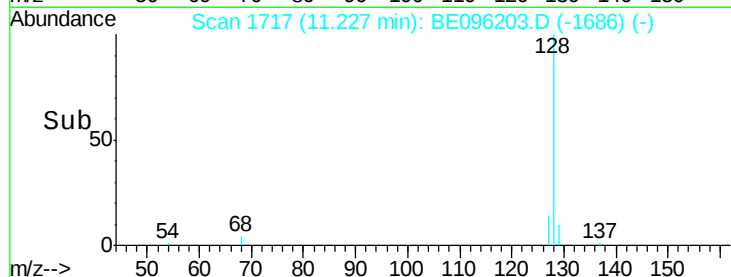
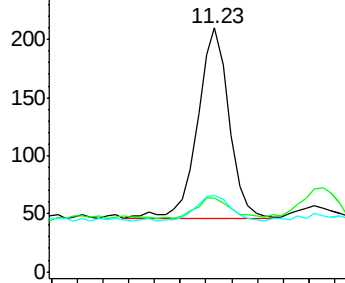
127 31.4 4.0 6.0#



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: 0.035 ng/ul

RT: 12.81 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE096203.D

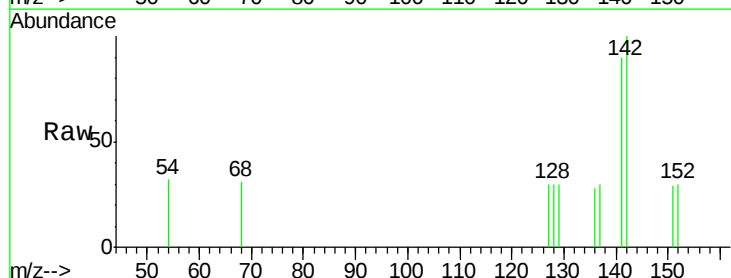
Acq: 27 Apr 2018 12:11

Tgt Ion:142 Resp: 170

Ion Ratio Lower Upper

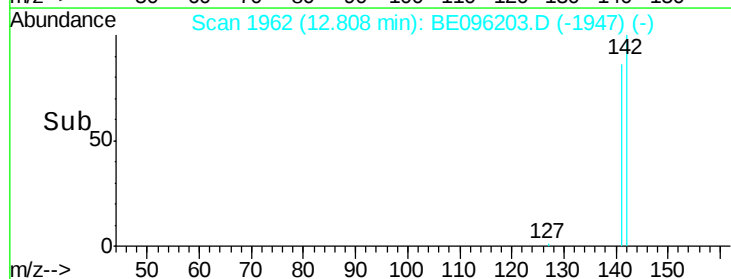
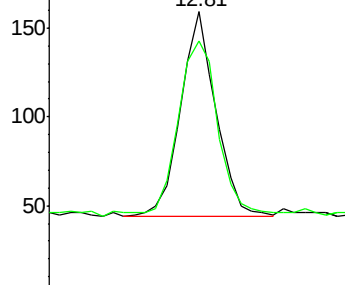
142 100

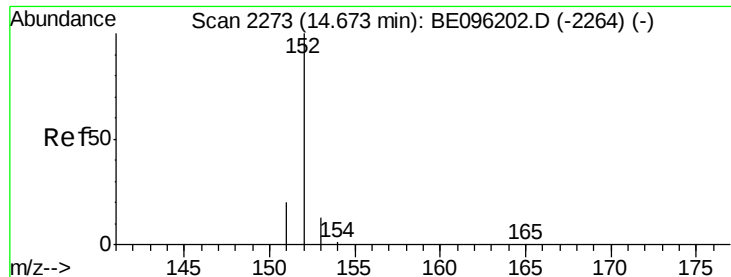
141 99.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

Instrument :

BNA_E

ClientSampleId :

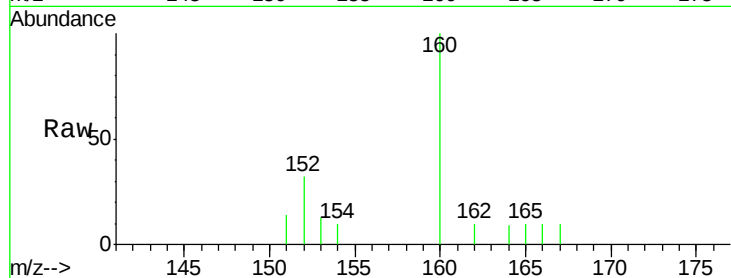
Tot Ion:152 Resp: 178

Ion Ratio Lower Upper

152 100

151 44.3 17.1 25.7#

153 39.9 12.8 19.2#



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

14.67

150

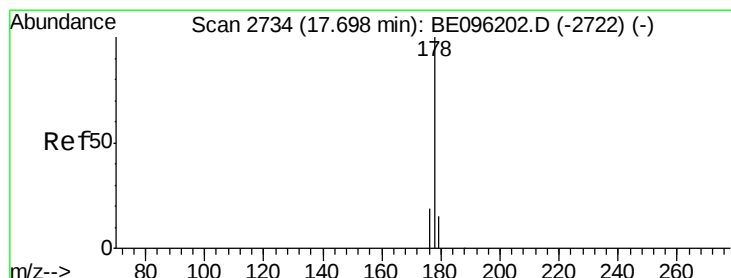
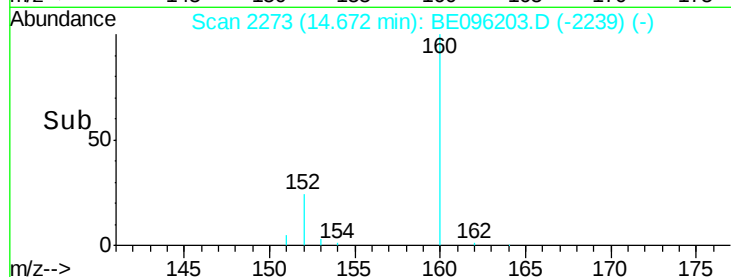
100

50

0

Time-->

14.60 14.65 14.70



#12

Phenanthrene

Concen: 0.258 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

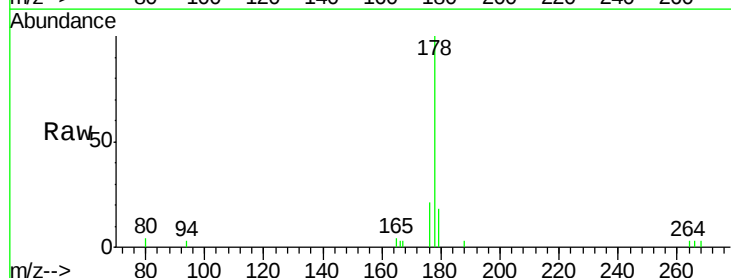
Tgt Ion:178 Resp: 2573

Ion Ratio Lower Upper

178 100

179 18.0 18.4 27.6#

176 21.1 13.6 20.4#



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

17.70

2000

1500

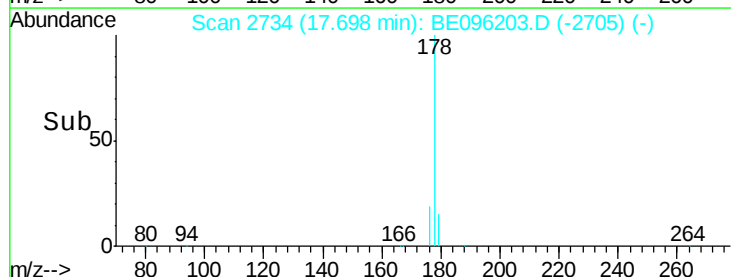
1000

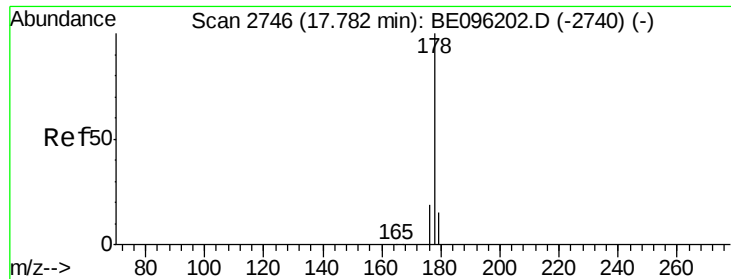
500

0

Time-->

17.60 17.70





#13

Anthracene

Concen: 0.061 ng/ul

RT: 17.78 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

Instrument :

BNA_E

ClientSampleId :

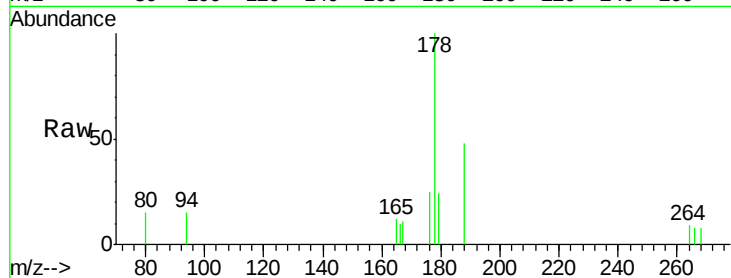
Tot Ion:178 Resp: 614

Ion Ratio Lower Upper

178 100

179 24.0 18.1 27.1

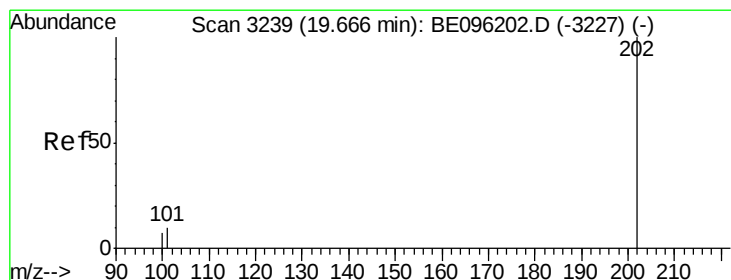
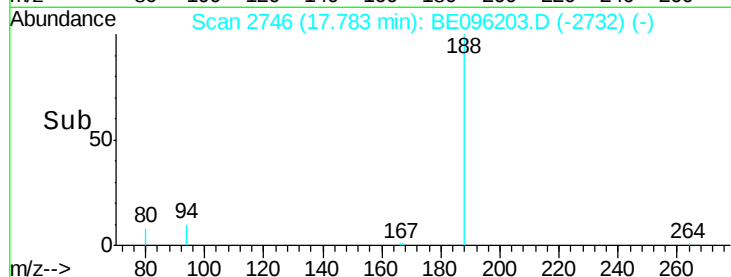
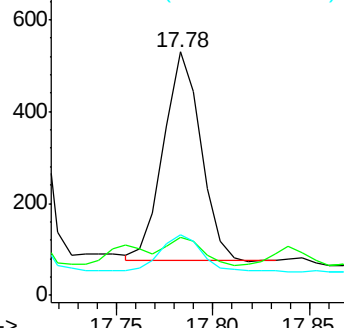
176 24.9 14.7 22.1#



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: 0.498 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

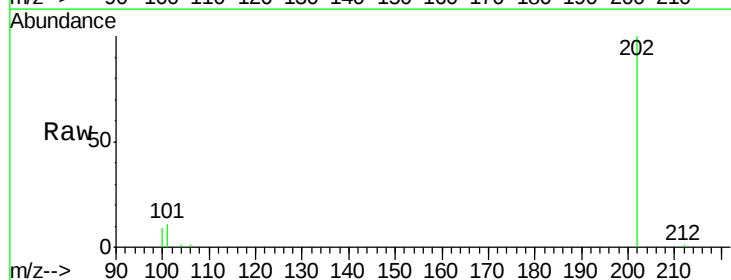
Tgt Ion:202 Resp: 7600

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

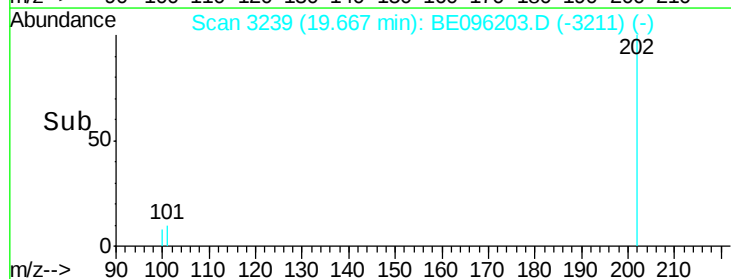
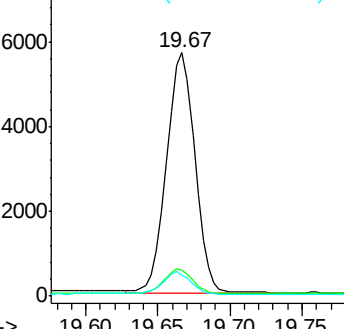
100 8.8 0.0 39.5

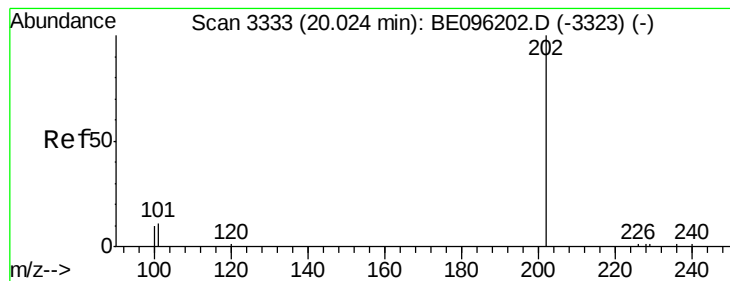


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.437 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

Instrument :

BNA_E

ClientSampleId :

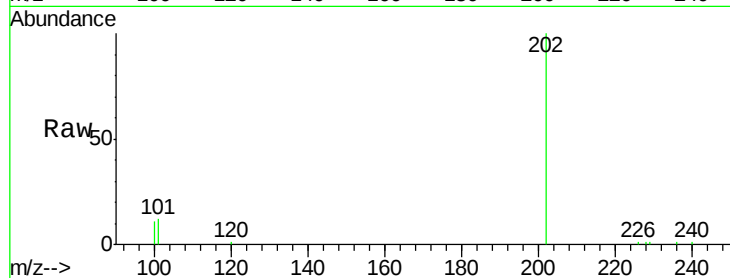
Tot Ion:202 Resp: 4058

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

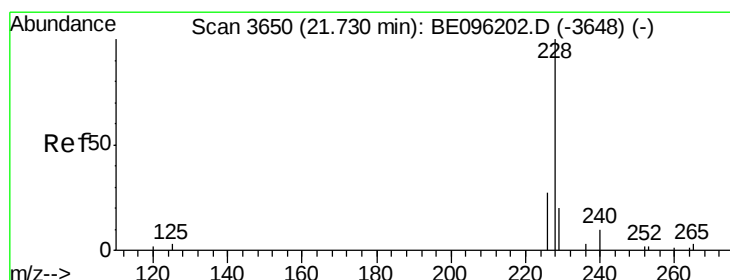
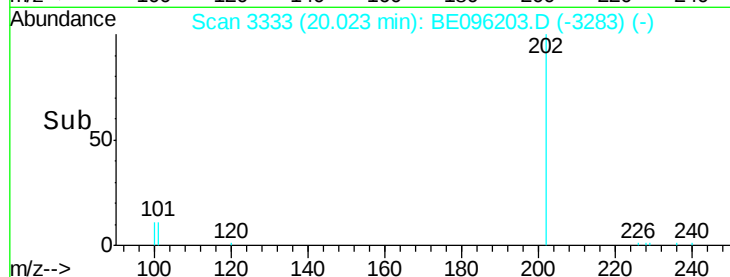
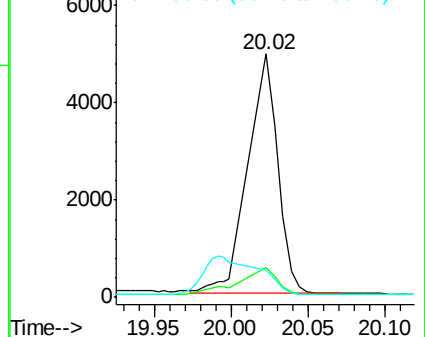
100 11.4 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 0.200 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

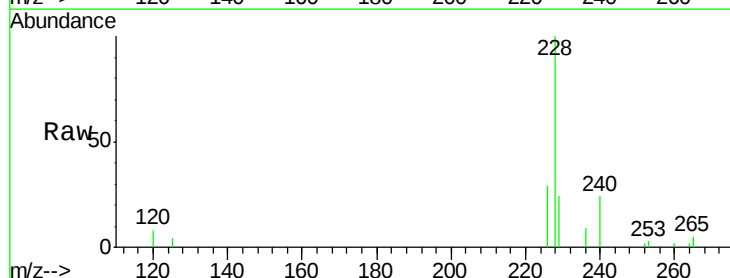
Tgt Ion:228 Resp: 2793

Ion Ratio Lower Upper

228 100

229 23.9 22.8 34.2

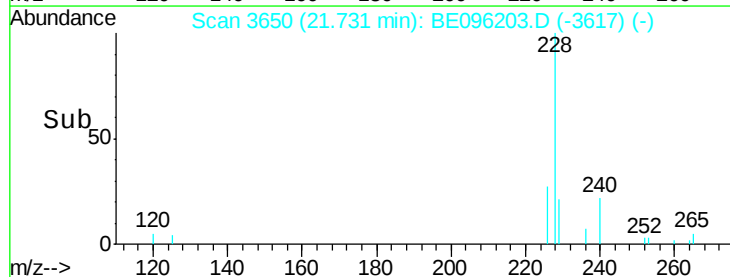
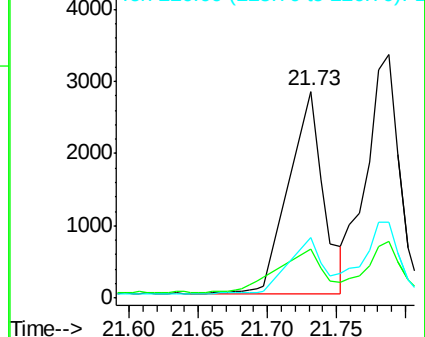
226 29.1 17.0 25.6#

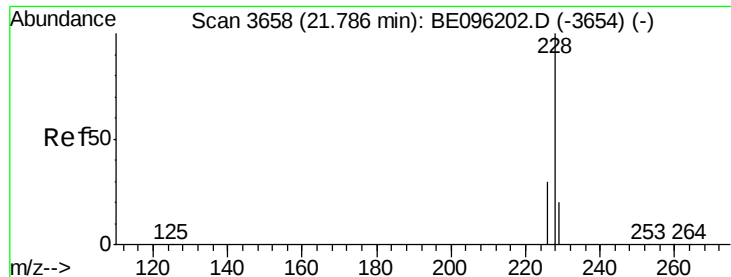


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.431 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

Instrument :

BNA_E

ClientSampleId :

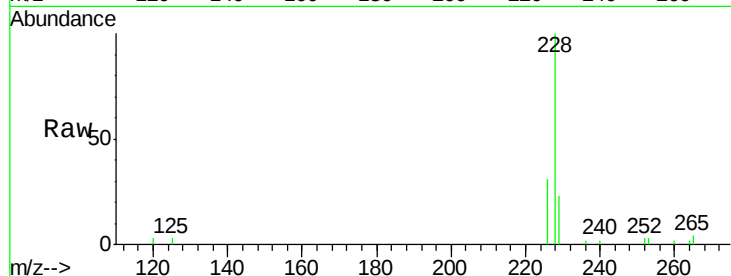
Tot Ion:228 Resp: 5547

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.0

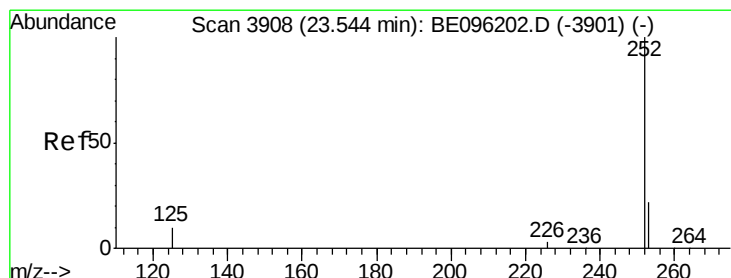
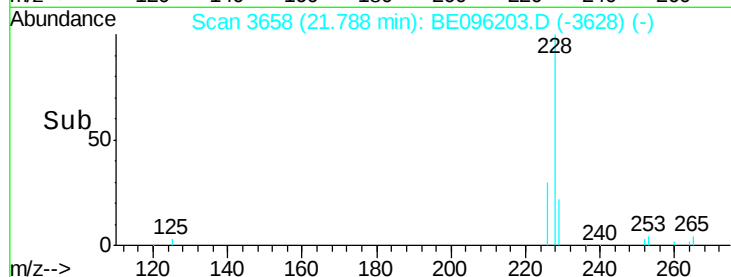
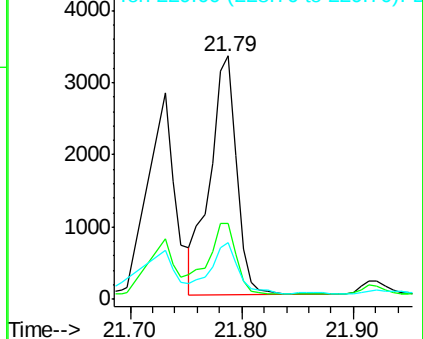
229 23.4 17.7 26.5



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: 0.641 ng/ul

RT: 23.55 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

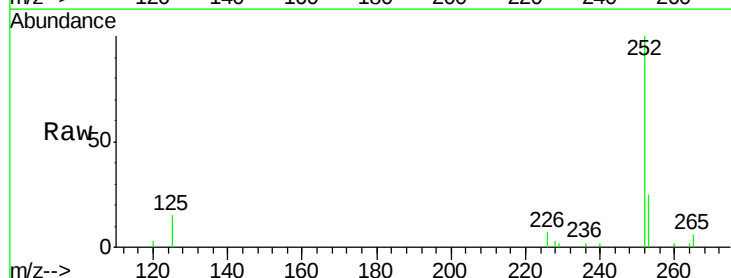
Tgt Ion:252 Resp: 9313

Ion Ratio Lower Upper

252 100

253 25.1 0.0 64.2

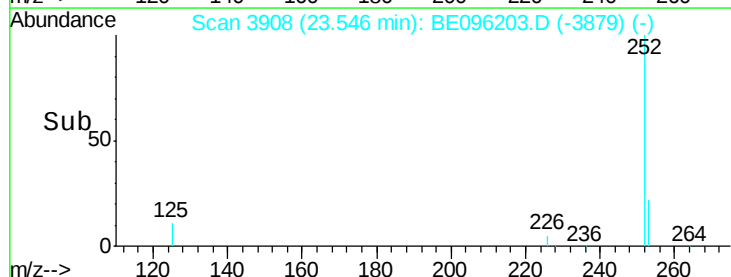
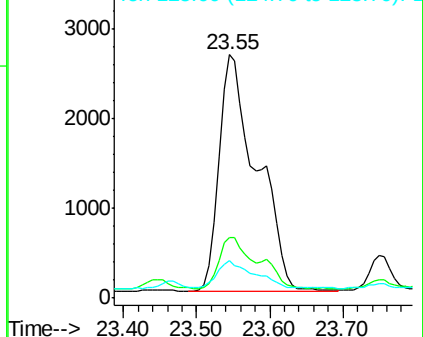
125 15.2 0.0 35.0

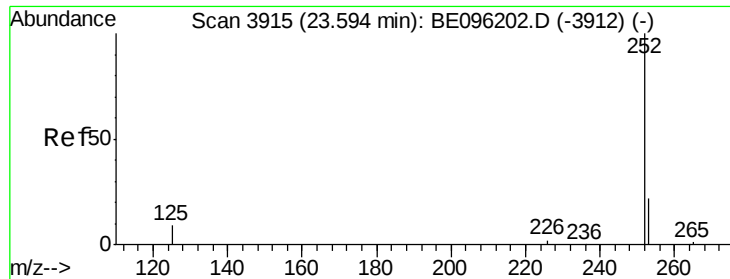


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

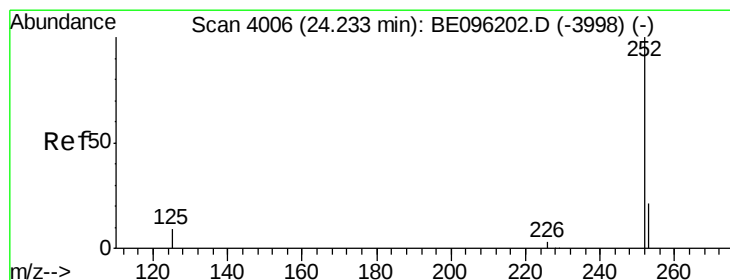
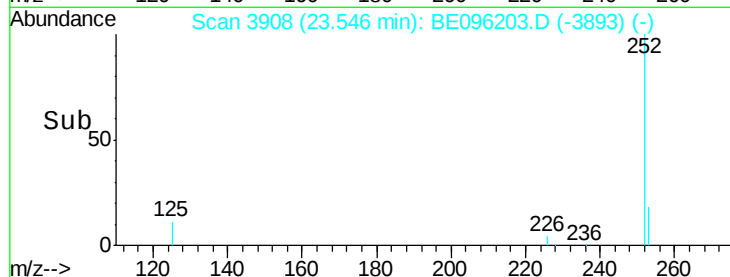
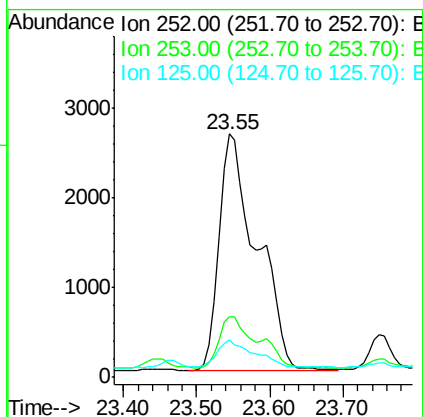
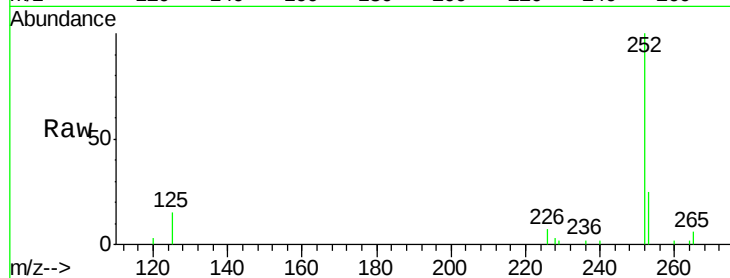




#22
Benzo(k)fluoranthene
Concen: 0.670 ng/ul
RT: 23.55 min Scan# 3908
Delta R.T. -0.05 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

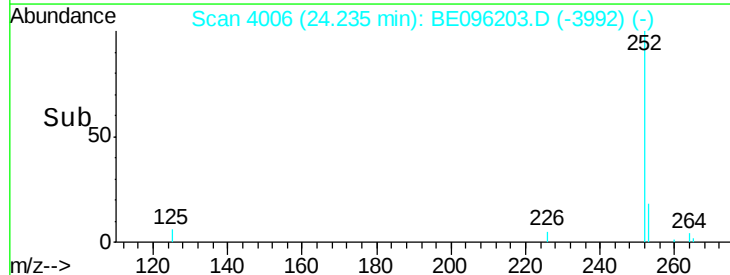
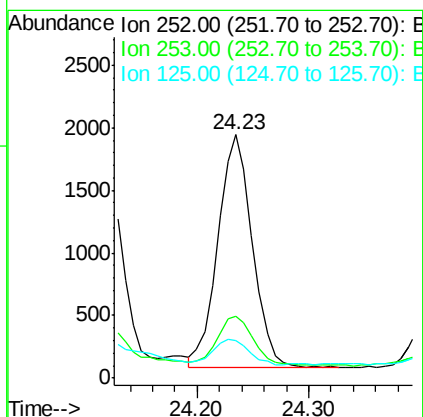
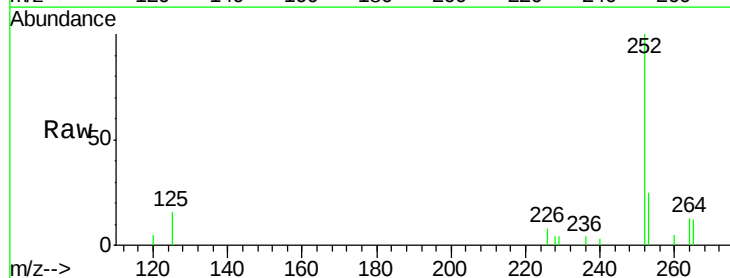
Instrument :
BNA_E
ClientSampleId :

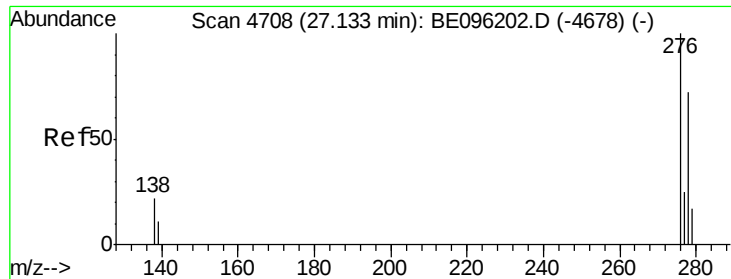
Tot Ion:252 Resp: 9313
Ion Ratio Lower Upper
252 100
253 25.1 24.5 36.7
125 15.2 13.7 20.5



#23
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:252 Resp: 4021
Ion Ratio Lower Upper
252 100
253 25.5 28.5 42.7#
125 15.6 18.1 27.1#

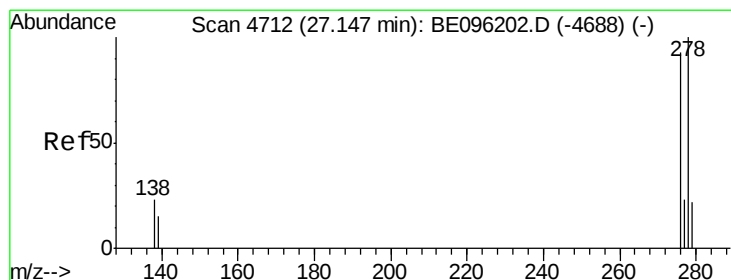
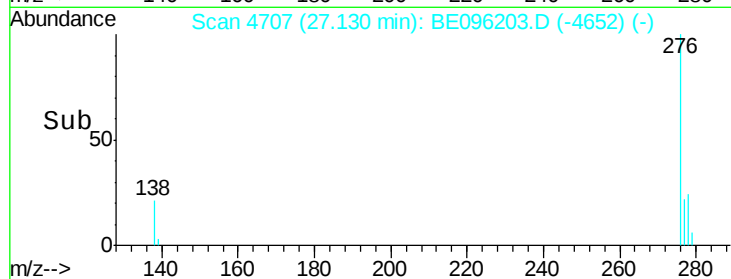
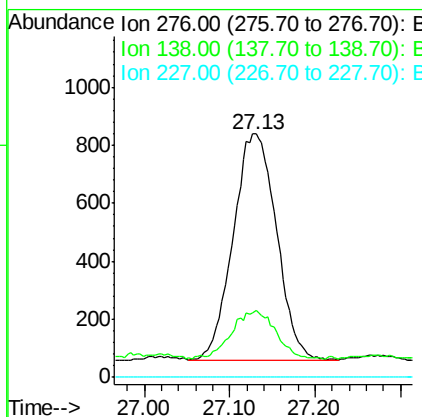
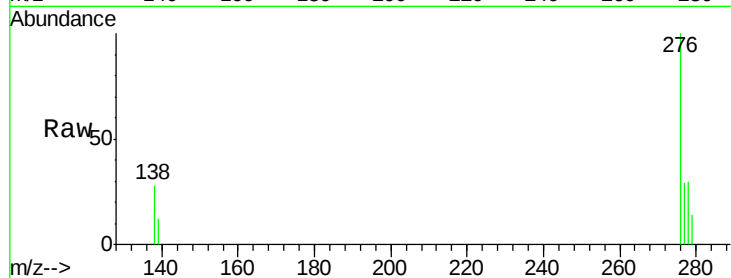




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

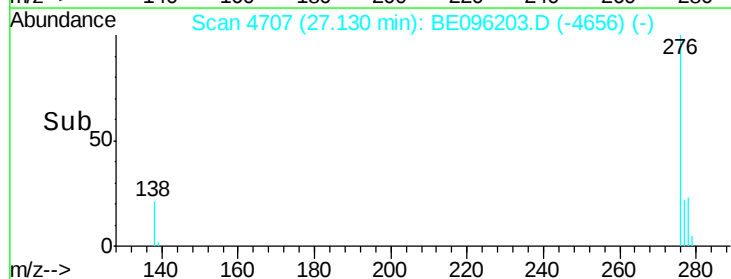
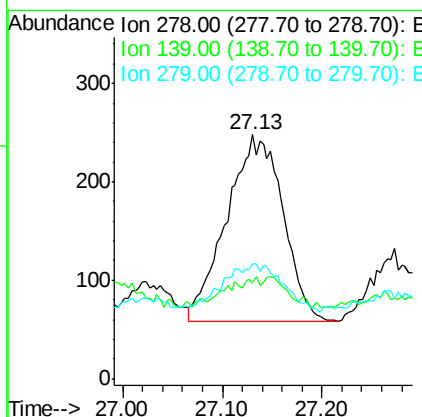
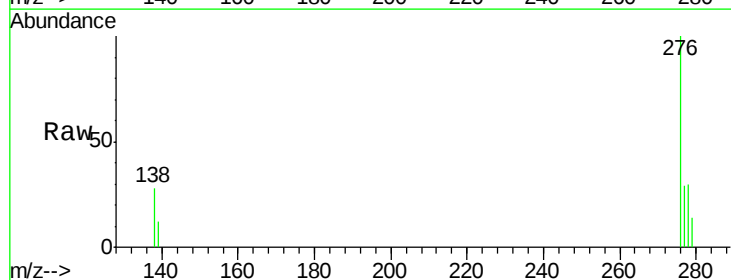
Instrument :
BNA_E
ClientSampleId :

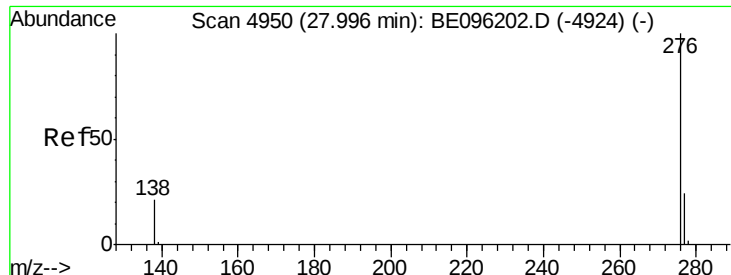
Tot Ion:276 Resp: 2756
Ion Ratio Lower Upper
276 100
138 21.2 28.0 42.0#
227 0.0 8.0 12.0#



#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.02 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:278 Resp: 745
Ion Ratio Lower Upper
278 100
139 39.1 17.4 26.0#
279 47.2 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.153 ng/ul

RT: 28.00 min Scan# 4950

Delta R.T. 0.00 min

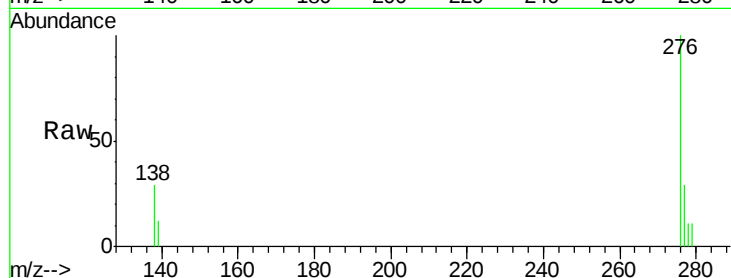
Lab File: BE096203.D

Acq: 27 Apr 2018 12:11

Instrument :

BNA_E

ClientSampleId :



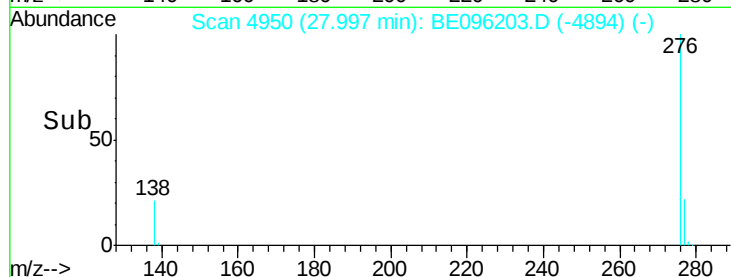
Tot Ion: 276 Resp: 2267

Ion Ratio Lower Upper

276 100

138 29.1 21.8 32.8

277 29.3 20.5 30.7



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

