

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096324.D
 Acq On : 3 May 2018 13:17
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SICV76

Quant Time: May 04 01:25:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 03 13:17:47 2018
 Response via : Initial Calibration

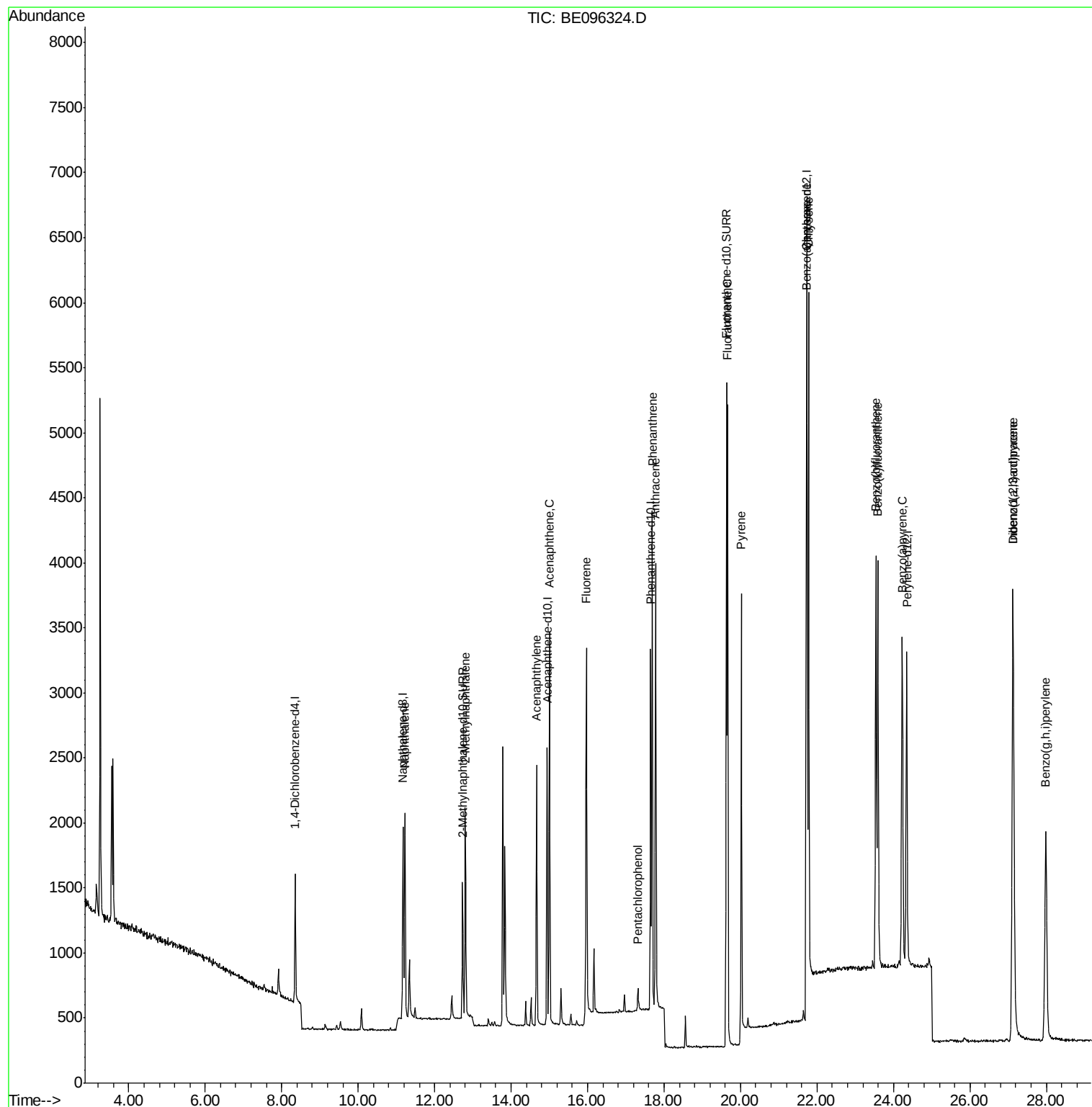
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	553	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2081	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1194	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	3400	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	4735	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3578	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1433	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	5505	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.22	128	2245	0.392	ng/ul#	91
5) 2-Methylnaphthalene	12.80	142	1471	0.387	ng/ul	99
7) Acenaphthylene	14.67	152	2429	0.392	ng/ul	98
8) Acenaphthene	15.00	153	1774	0.397	ng/ul	90
9) Fluorene	15.97	166	2377	0.392	ng/ul	94
11) Pentachlorophenol	17.31	266	133	0.285	ng/ul	97
12) Phenanthrene	17.69	178	3972	0.388	ng/ul#	88
13) Anthracene	17.78	178	3797	0.384	ng/ul#	92
15) Fluoranthene	19.66	202	5589	0.384	ng/ul	84
17) Pyrene	20.02	202	1974	0.371	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	2749	0.372	ng/ul#	86
19) Chrysene	21.78	228	5225	0.370	ng/ul	97
21) Benzo(b)fluoranthene	23.54	252	4767	0.389	ng/ul	88
22) Benzo(k)fluoranthene	23.59	252	4653	0.393	ng/ul#	90
23) Benzo(a)pyrene	24.23	252	4439	0.387	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.13	276	4996	0.393	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.13	278	3972	0.383	ng/ul	94
26) Benzo(g,h,i)perylene	27.98	276	4209	0.394	ng/ul	95

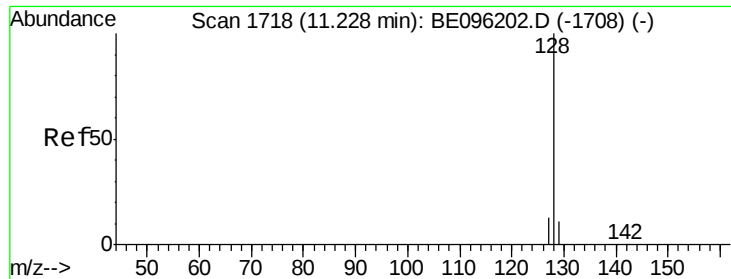
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096324.D
Acq On : 3 May 2018 13:17
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SICV76

Quant Time: May 04 01:25:25 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 03 13:17:47 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.392 ng/ul

RT: 11.22 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

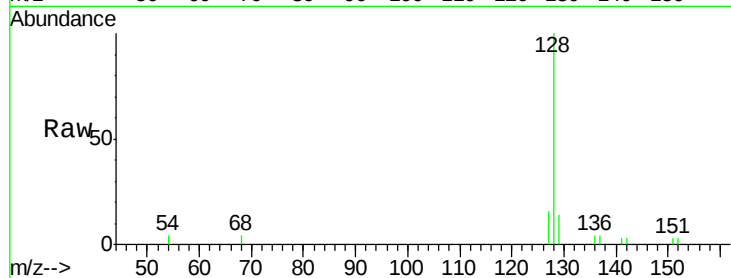
Tot Ion:128 Resp: 2245

Ion Ratio Lower Upper

128 100

129 14.3 11.3 16.9

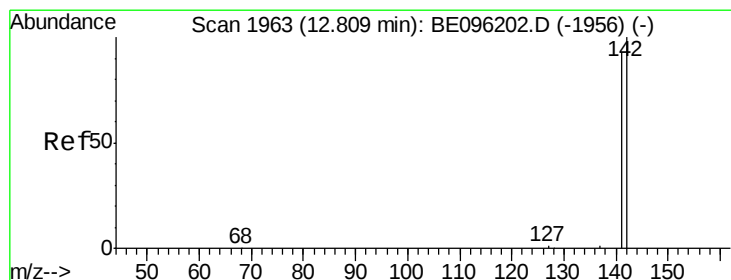
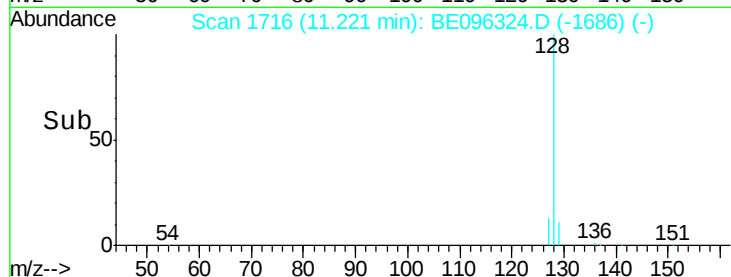
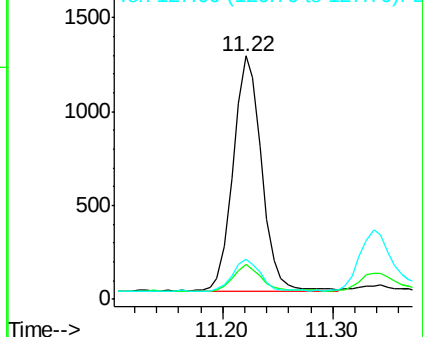
127 16.3 4.0 6.0#



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: 0.387 ng/ul

RT: 12.80 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BE096324.D

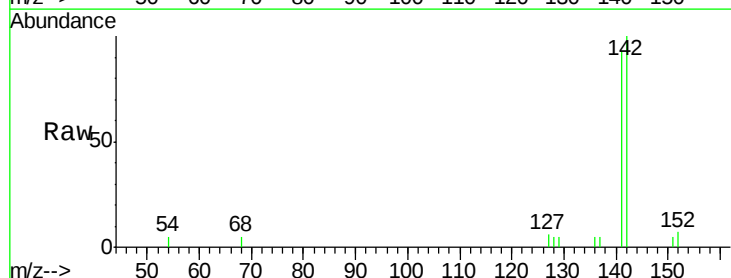
Acq: 3 May 2018 13:17

Tgt Ion:142 Resp: 1471

Ion Ratio Lower Upper

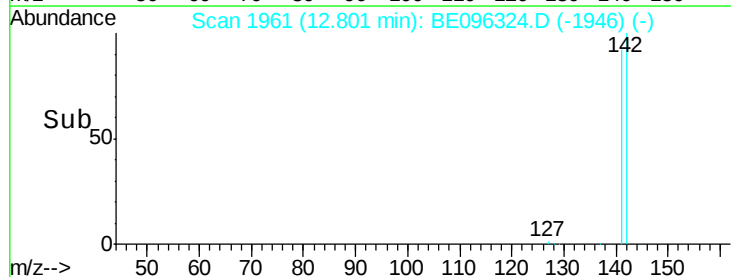
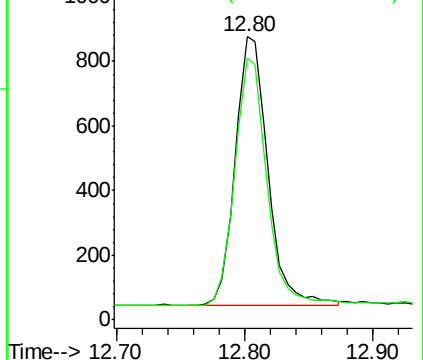
142 100

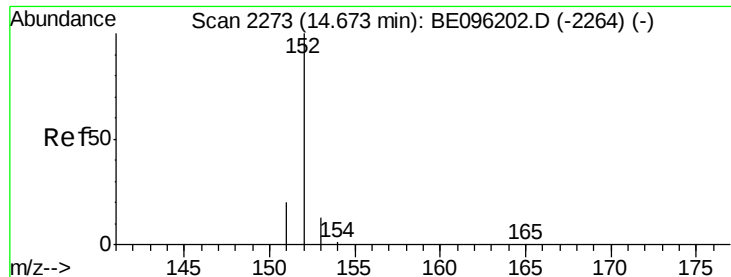
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.392 ng/ul

RT: 14.67 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

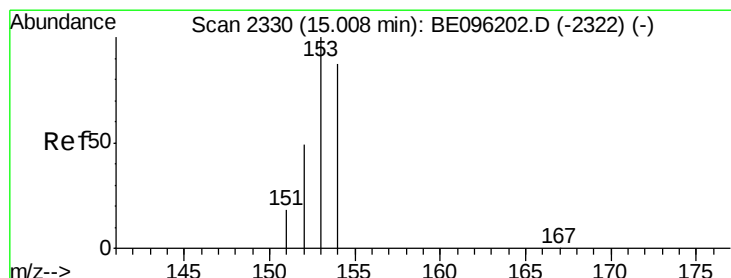
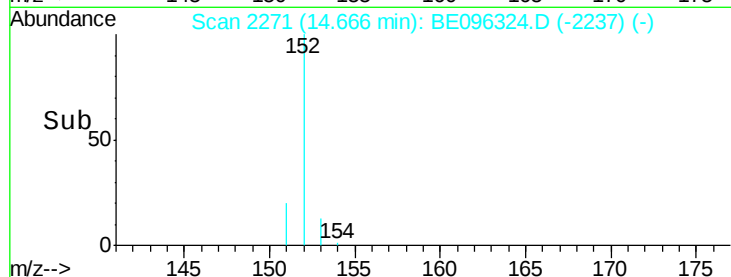
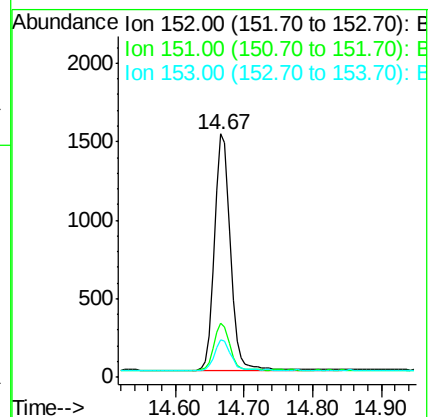
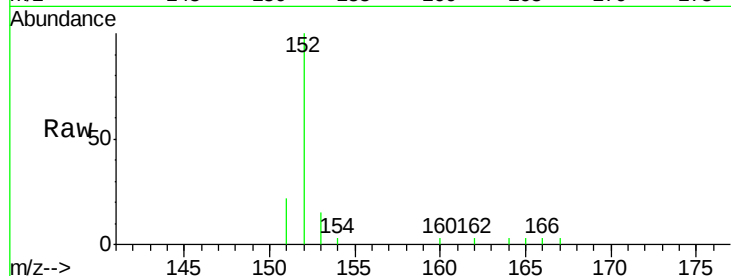
Tot Ion:152 Resp: 2429

Ion Ratio Lower Upper

152 100

151 22.1 17.1 25.7

153 15.2 12.8 19.2



#8

Acenaphthene

Concen: 0.397 ng/ul

RT: 15.00 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

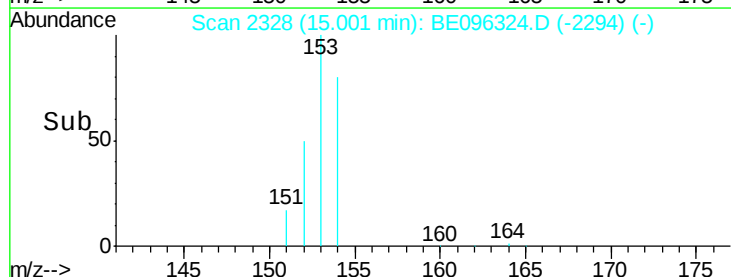
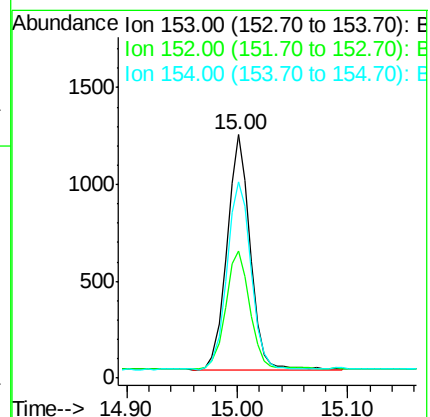
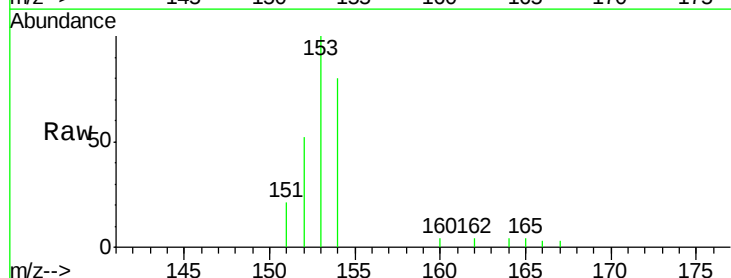
Tgt Ion:153 Resp: 1774

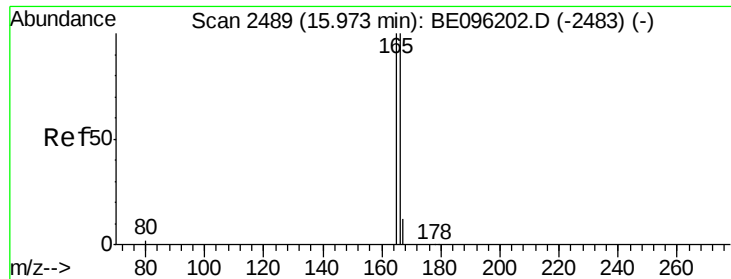
Ion Ratio Lower Upper

153 100

152 52.1 36.0 54.0

154 80.4 72.0 108.0





#9

Fluorene

Concen: 0.392 ng/ul

RT: 15.97 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

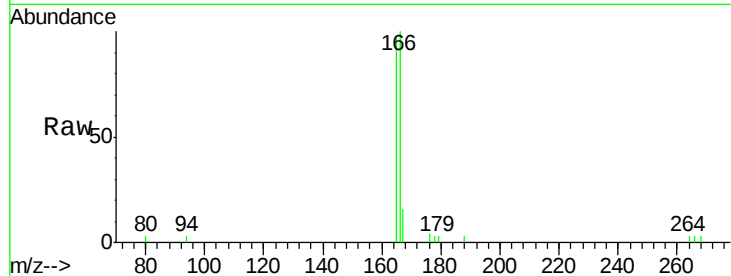
Tot Ion:166 Resp: 2377

Ion Ratio Lower Upper

166 100

165 97.1 73.4 110.2

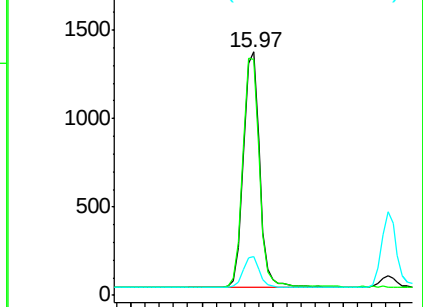
167 15.8 14.6 22.0



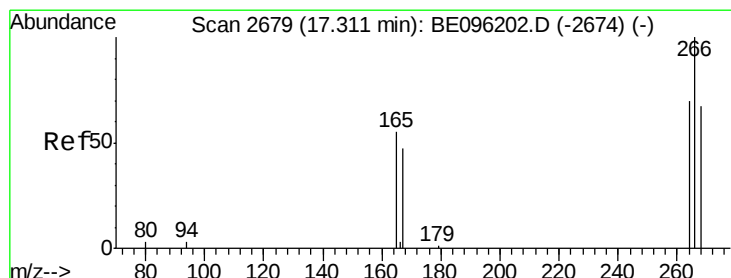
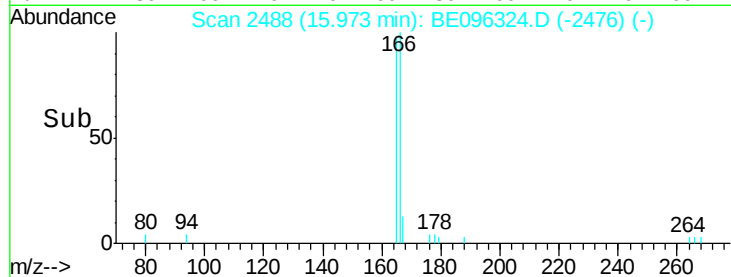
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.80 15.90 16.00 16.10



#11

Pentachlorophenol

Concen: 0.285 ng/ul

RT: 17.31 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

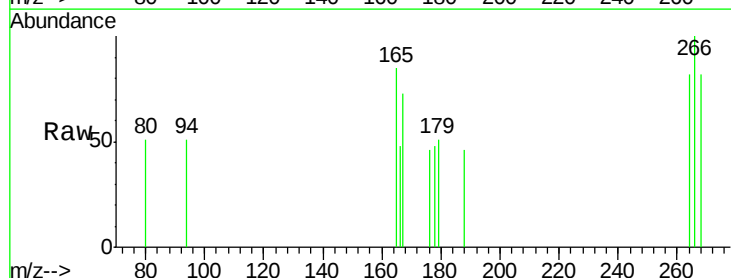
Tgt Ion:266 Resp: 133

Ion Ratio Lower Upper

266 100

264 57.9 47.9 71.9

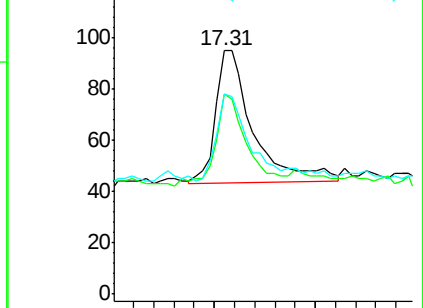
268 64.7 49.8 74.8



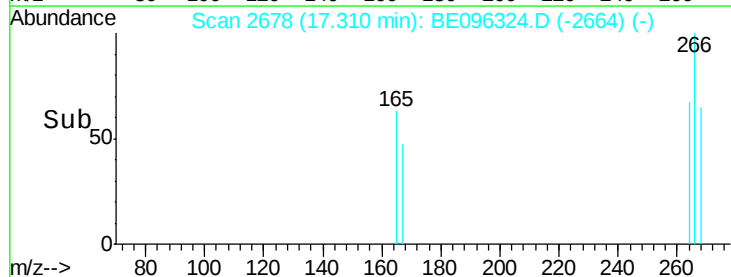
Abundance Ion 266.00 (265.70 to 266.70): E

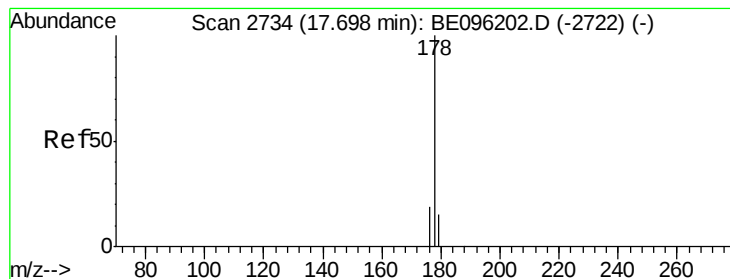
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 17.30 17.40





#12

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.69 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

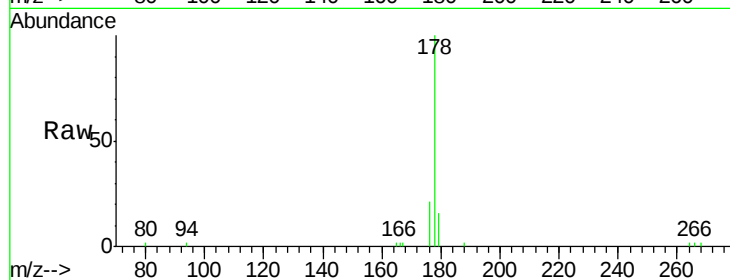
Tot Ion:178 Resp: 3972

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

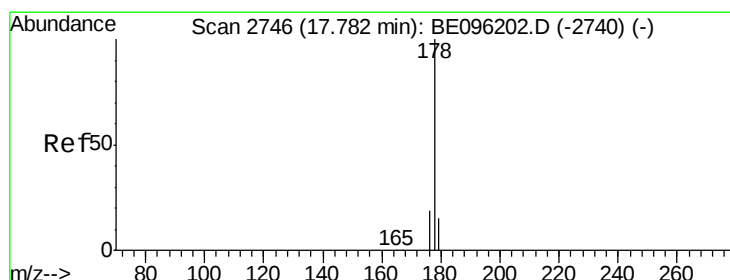
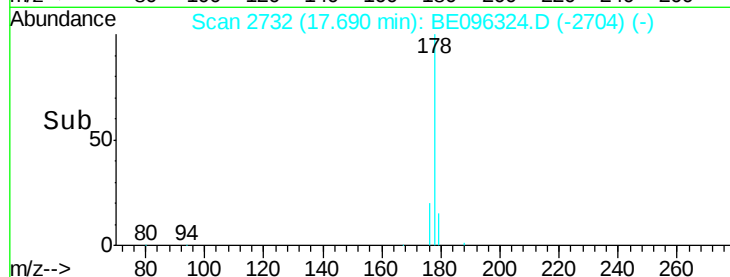
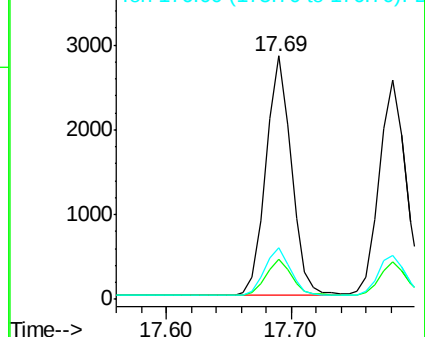
176 21.1 13.6 20.4#



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



#13

Anthracene

Concen: 0.384 ng/ul

RT: 17.78 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

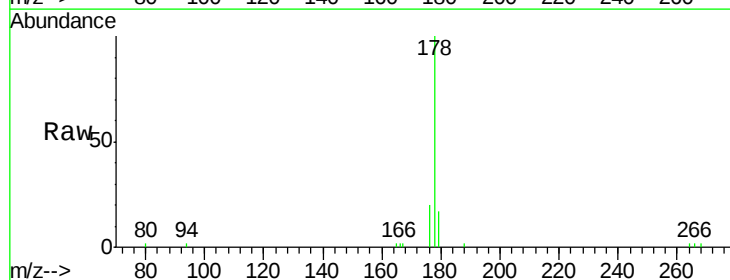
Tgt Ion:178 Resp: 3797

Ion Ratio Lower Upper

178 100

179 17.3 18.1 27.1#

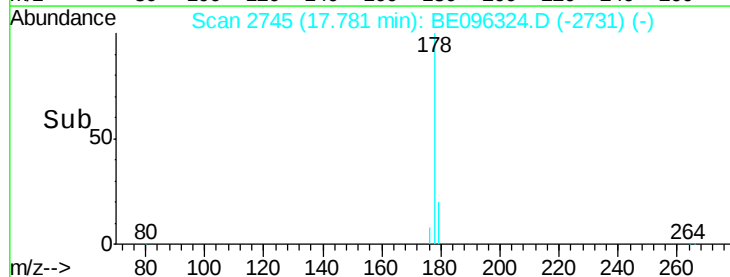
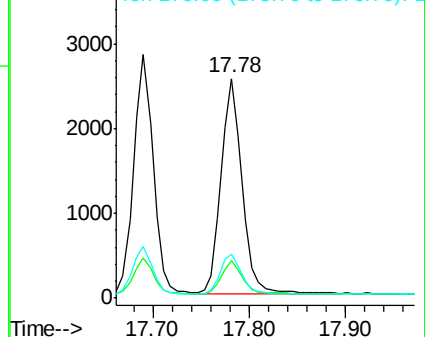
176 20.3 14.7 22.1

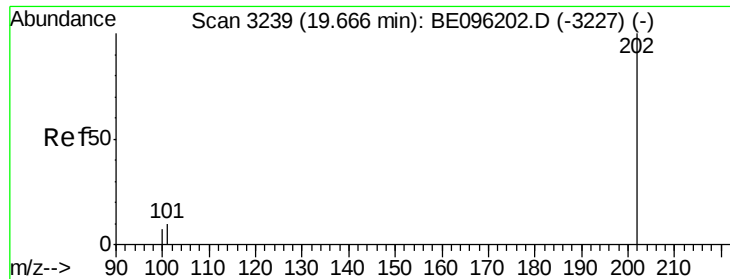


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.384 ng/ul

RT: 19.66 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

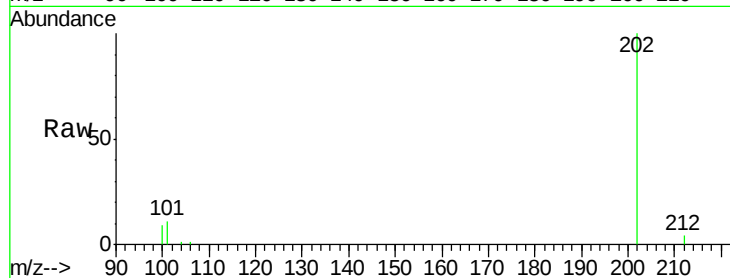
Tot Ion:202 Resp: 5589

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

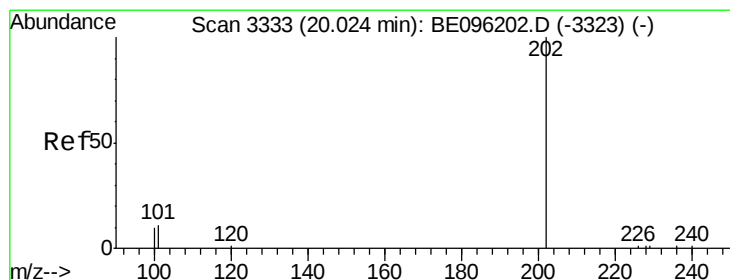
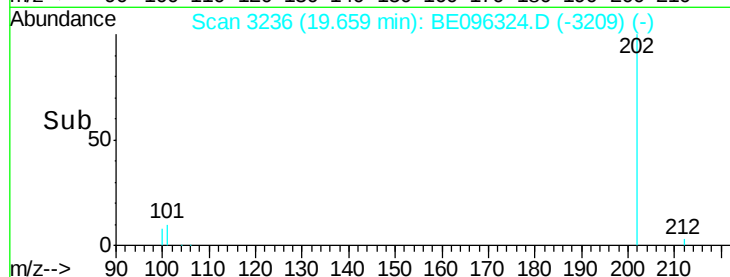
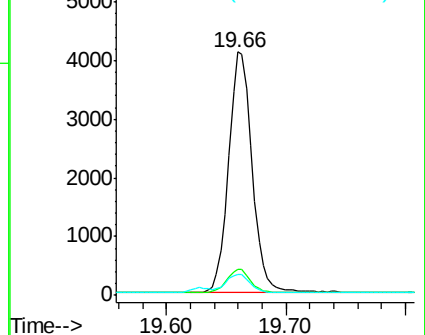
100 8.6 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.371 ng/ul

RT: 20.02 min Scan# 3332

Delta R.T. -0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

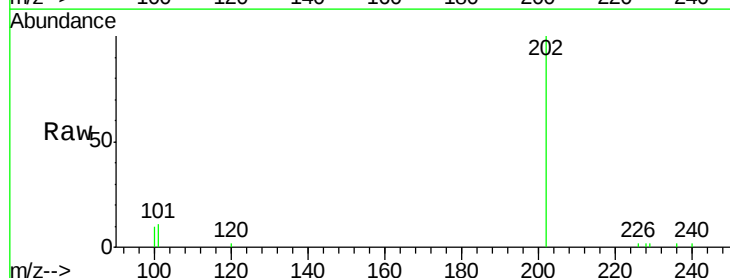
Tgt Ion:202 Resp: 1974

Ion Ratio Lower Upper

202 100

101 10.7 18.2 27.4#

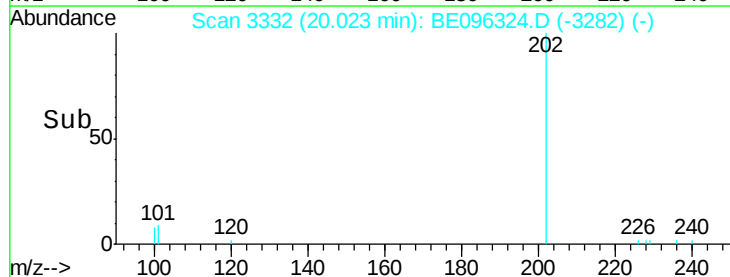
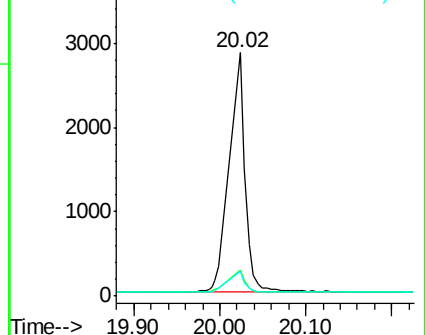
100 9.9 15.6 23.4#

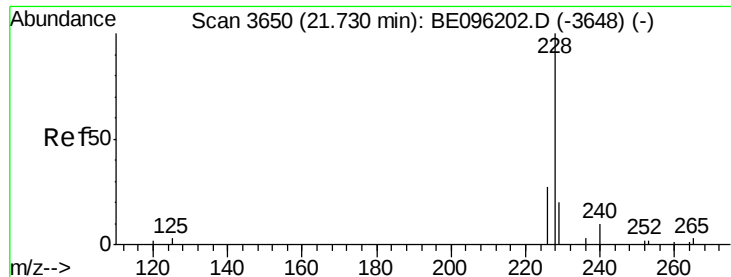


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.372 ng/ul

RT: 21.73 min Scan# 3649

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

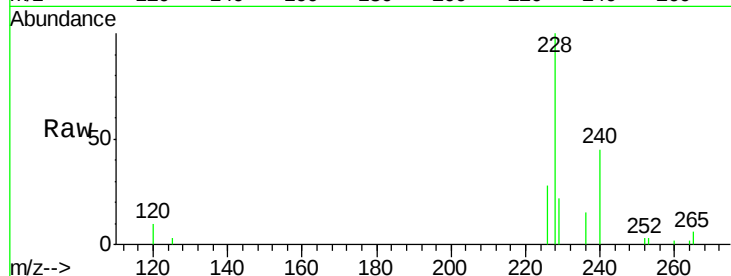
Tot Ion:228 Resp: 2749

Ion Ratio Lower Upper

228 100

229 21.5 22.8 34.2#

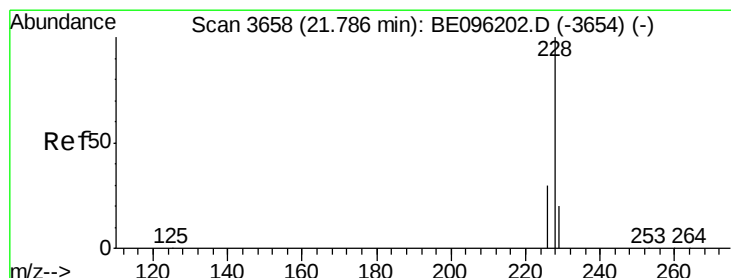
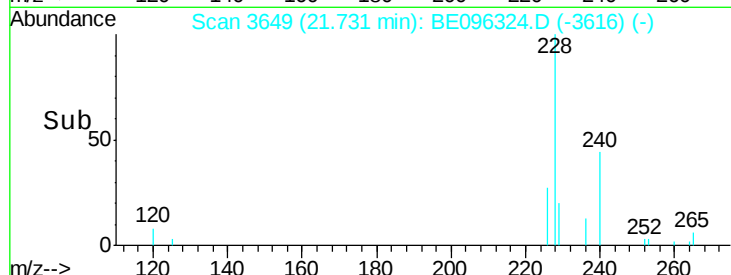
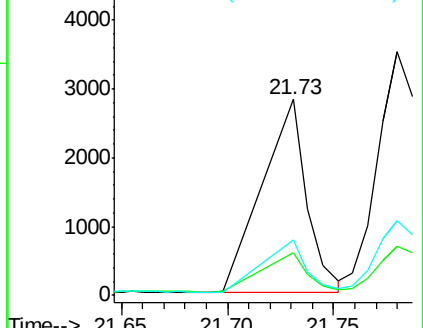
226 28.1 17.0 25.6#



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: 0.370 ng/ul

RT: 21.78 min Scan# 3656

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

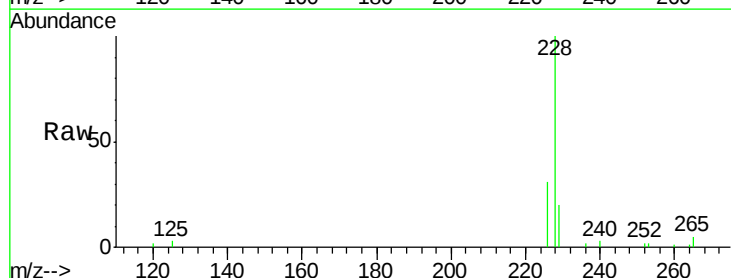
Tgt Ion:228 Resp: 5225

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

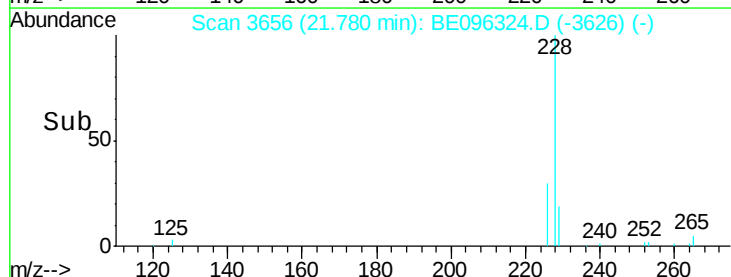
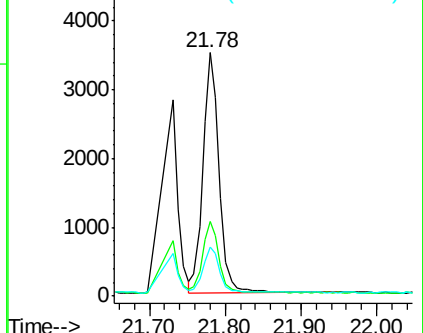
229 20.2 17.7 26.5

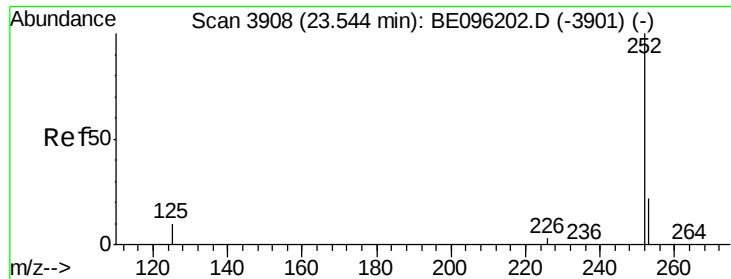


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.389 ng/ul

RT: 23.54 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

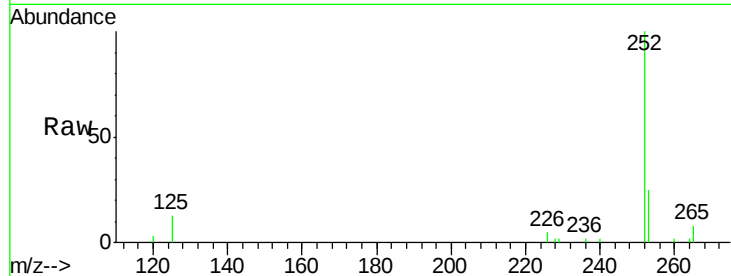
Tot Ion:252 Resp: 4767

Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

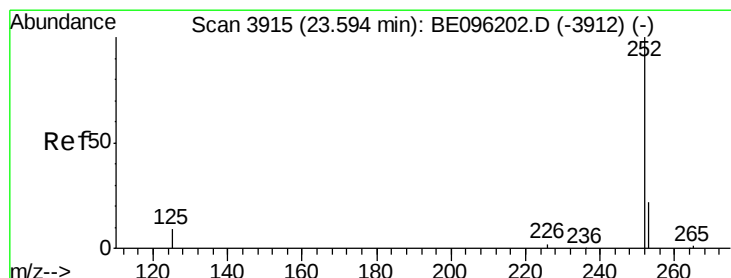
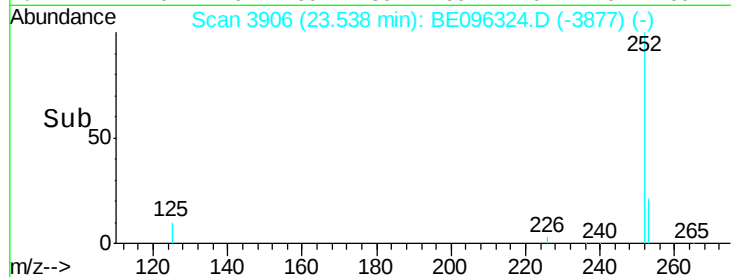
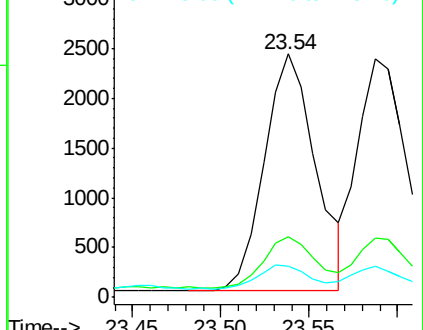
125 12.7 0.0 35.0



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: 0.393 ng/ul

RT: 23.59 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

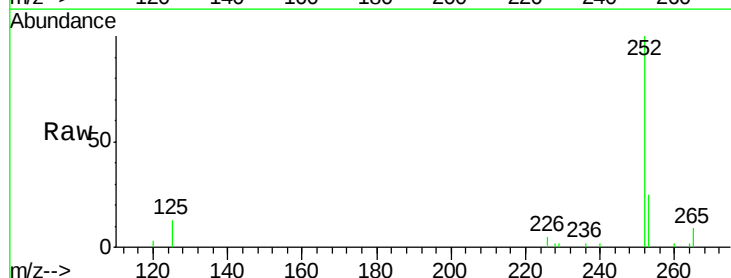
Tgt Ion:252 Resp: 4653

Ion Ratio Lower Upper

252 100

253 24.8 24.5 36.7

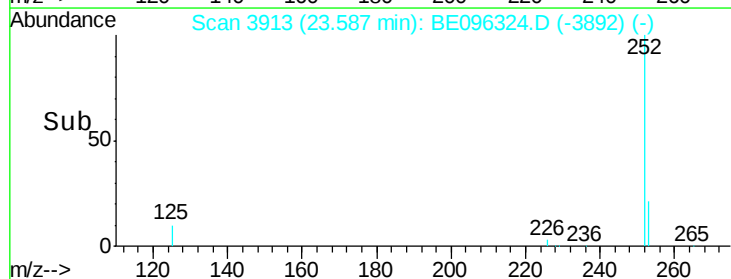
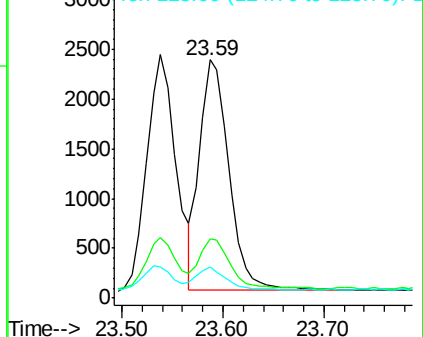
125 13.3 13.7 20.5#

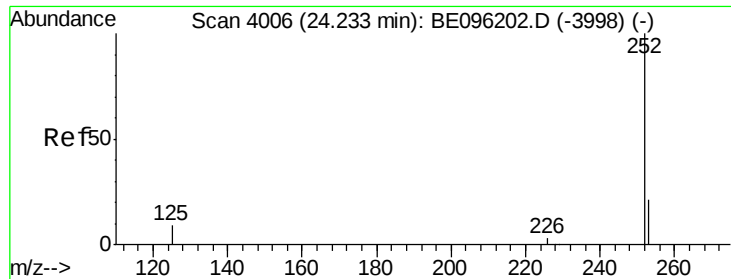


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 24.23 min Scan# 4004

Delta R.T. 0.00 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

Instrument :

BNA_E

ClientSampleId :

SICV76

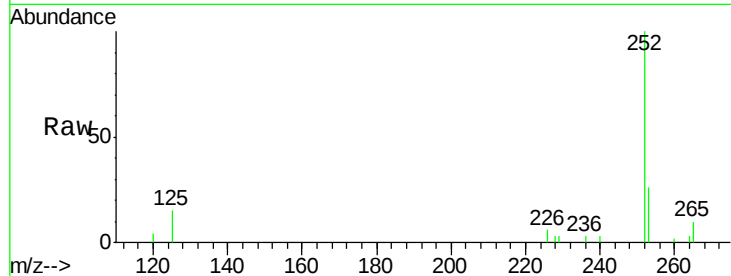
Tot Ion:252 Resp: 4439

Ion Ratio Lower Upper

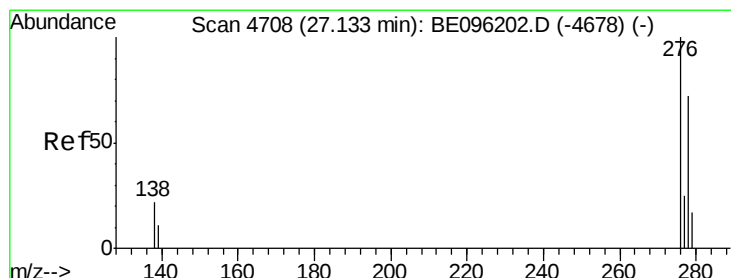
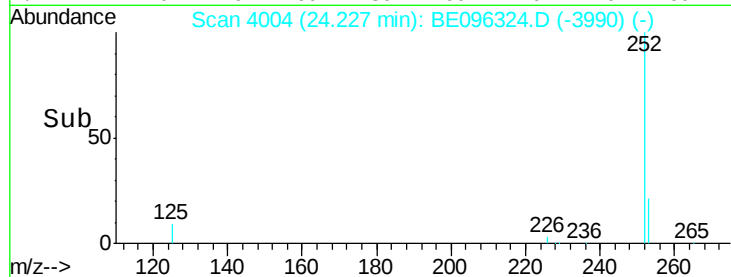
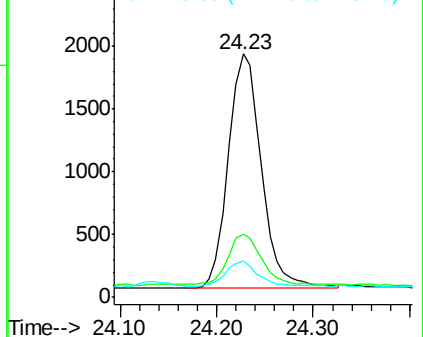
252 100

253 25.8 28.5 42.7#

125 14.7 18.1 27.1#



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: 0.393 ng/ul

RT: 27.13 min Scan# 4705

Delta R.T. 0.01 min

Lab File: BE096324.D

Acq: 3 May 2018 13:17

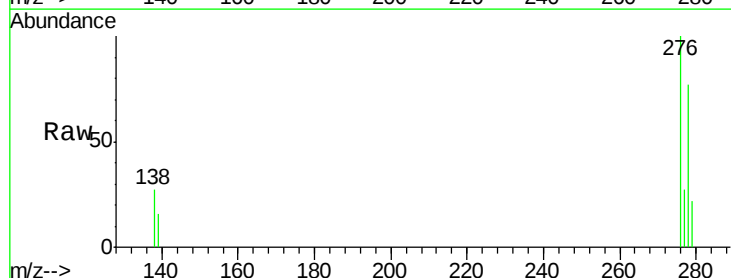
Tgt Ion:276 Resp: 4996

Ion Ratio Lower Upper

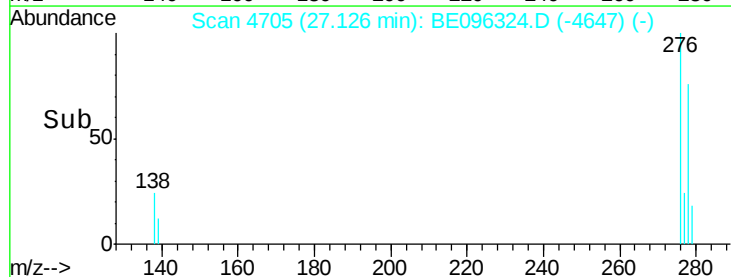
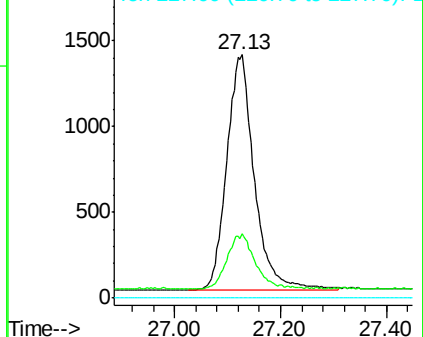
276 100

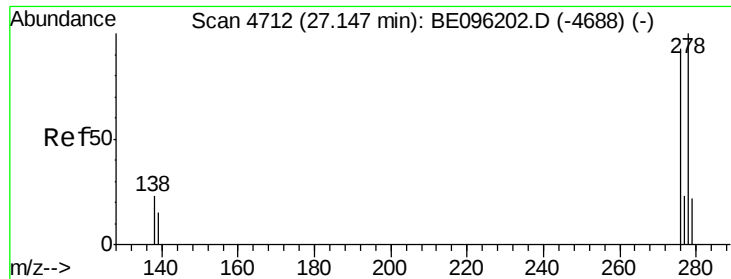
138 23.7 28.0 42.0#

227 0.0 8.0 12.0#



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



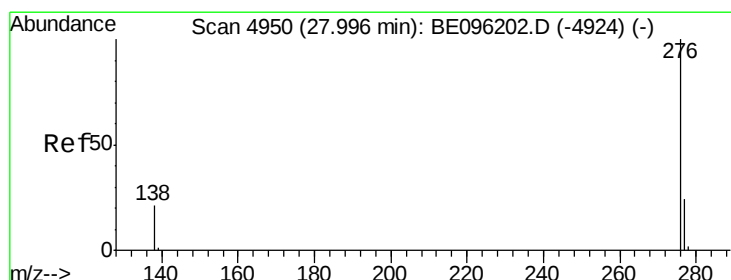
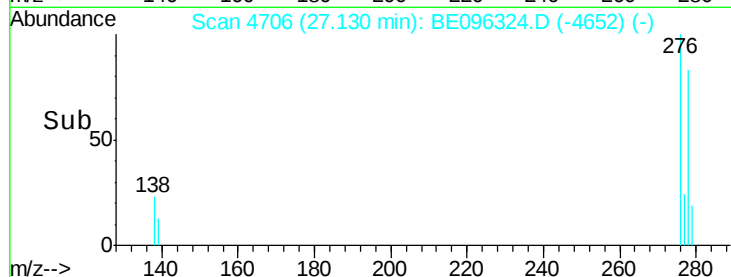
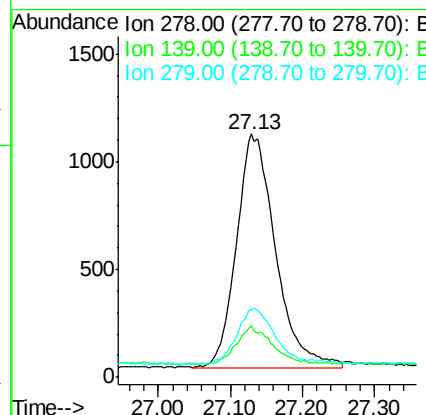
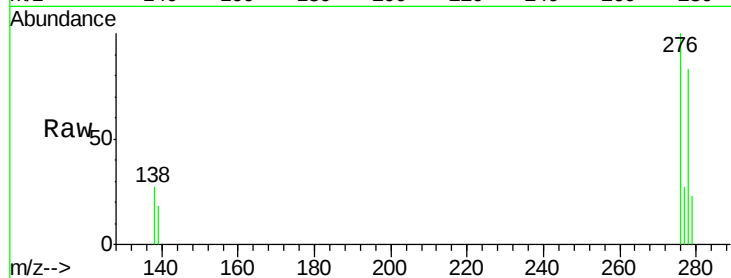


#25
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 27.13 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BE096324.D
Acq: 3 May 2018 13:17

Instrument :
BNA_E
ClientSampleId :
SICV76

Tot Ion:278 Resp: 3972

Ion	Ratio	Lower	Upper
278	100		
139	21.1	17.4	26.0
279	27.3	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 27.98 min Scan# 4944
Delta R.T. -0.00 min
Lab File: BE096324.D
Acq: 3 May 2018 13:17

Tgt Ion:276 Resp: 4209

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.8	32.8
277	28.3	20.5	30.7

