

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096159.D
 Acq On : 25 Apr 2018 21:55
 Operator : SJ/JU
 Sample : J2434-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 05:08:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 05:06:09 2018
 Response via : Initial Calibration

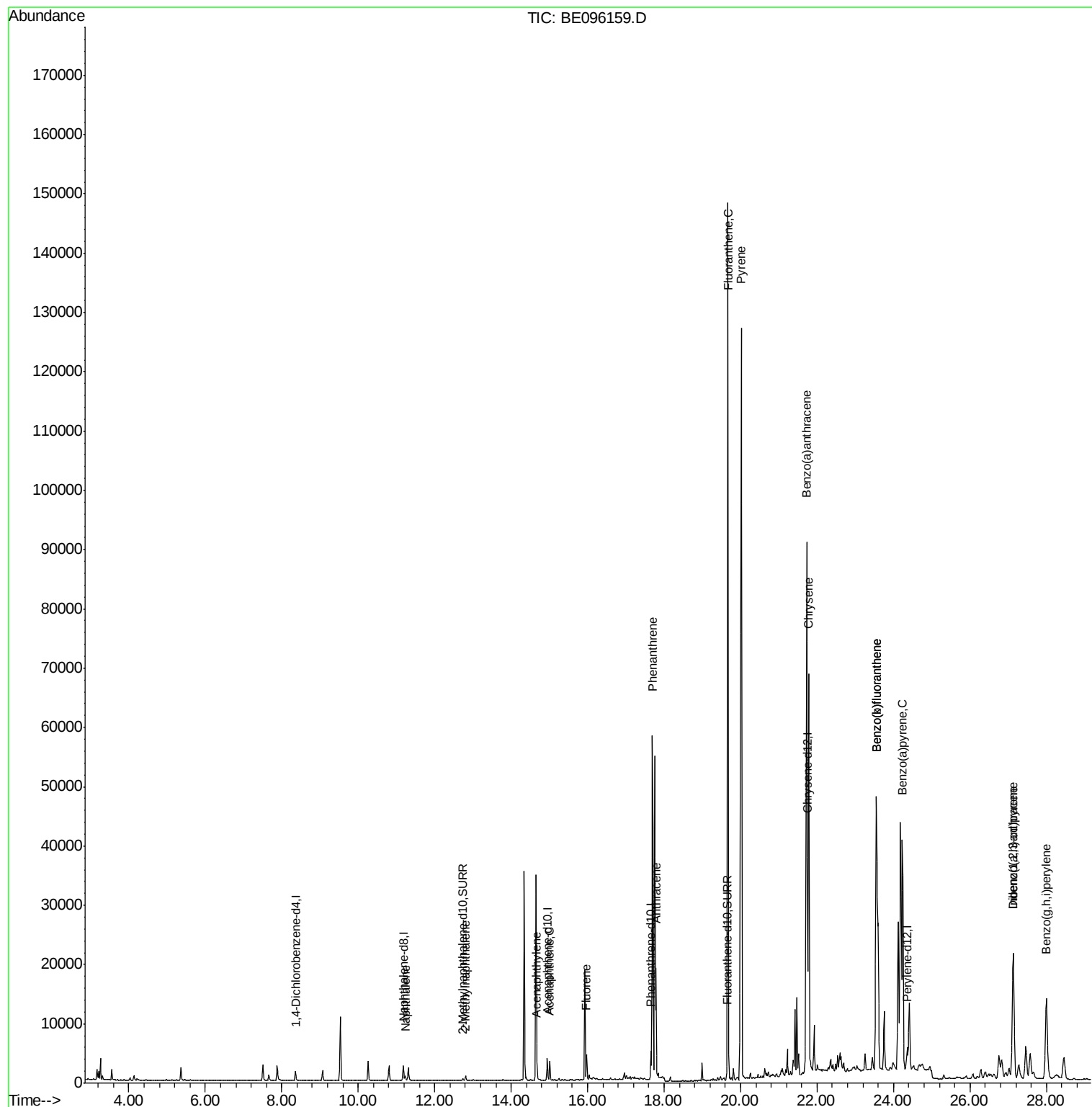
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	791	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3185	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2062	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5386	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	6917	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5560	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	279	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	964	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	1029	0.116	ng/ul#	83
5) 2-Methylnaphthalene	12.81	142	556	0.094	ng/ul	97
7) Acenaphthylene	14.68	152	2729	0.257	ng/ul	99
8) Acenaphthene	15.01	153	1904	0.248	ng/ul	95
9) Fluorene	15.97	166	2891	0.285	ng/ul	90
12) Phenanthrene	17.70	178	60169	3.794	ng/ul#	88
13) Anthracene	17.79	178	19477	1.224	ng/ul#	92
15) Fluoranthene	19.67	202	168842	6.966	ng/ul	83
17) Pyrene	20.02	202	87460	6.303	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	81110	3.873	ng/ul#	85
19) Chrysene	21.79	228	65474	3.402	ng/ul	98
21) Benzo(b)fluoranthene	23.55	252	121110	5.753	ng/ul	84
22) Benzo(k)fluoranthene	23.55	252	121110	6.018	ng/ul#	86
23) Benzo(a)pyrene	24.24	252	63265	3.459	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.13	276	39142	1.588	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	10587	0.513	ng/ul	94
26) Benzo(a,h,i)perylene	28.00	276	34033	1.587	ng/ul#	93

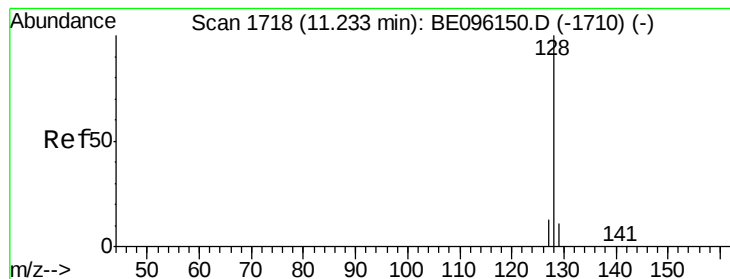
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.116 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :

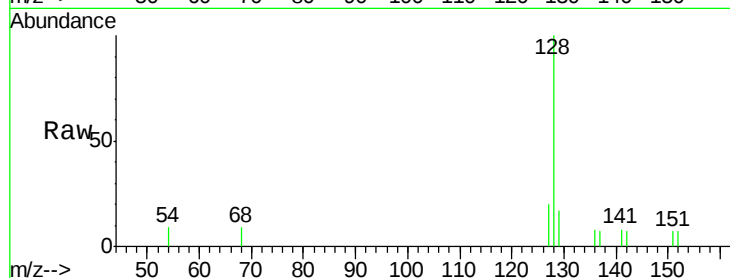
Tot Ion:128 Resp: 1029

Ion Ratio Lower Upper

128 100

129 17.0 11.3 16.9#

127 19.8 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

11.23

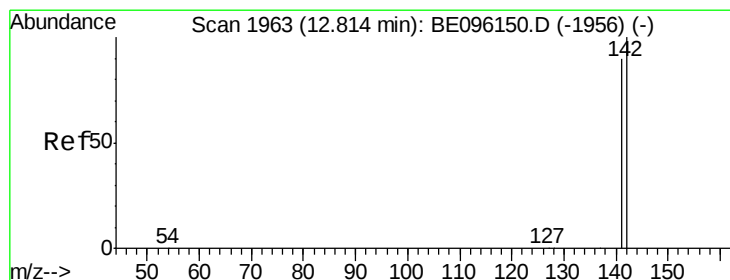
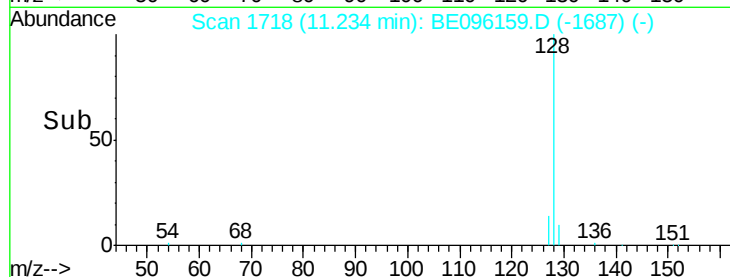
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.094 ng/ul

RT: 12.81 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE096159.D

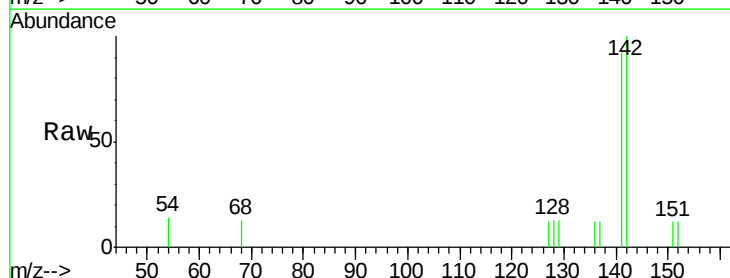
Acq: 25 Apr 2018 21:55

Tgt Ion:142 Resp: 556

Ion Ratio Lower Upper

142 100

141 87.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.81

400

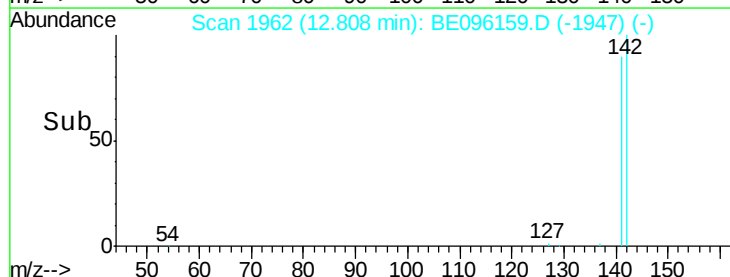
300

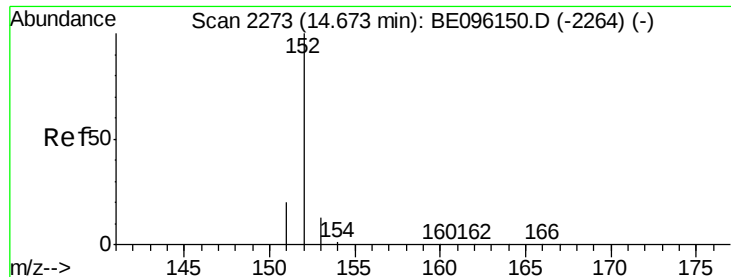
200

100

0

Time-->





#7

Acenaphthylene

Concen: 0.257 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :

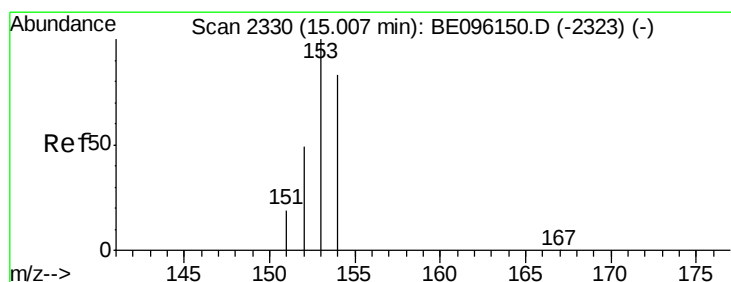
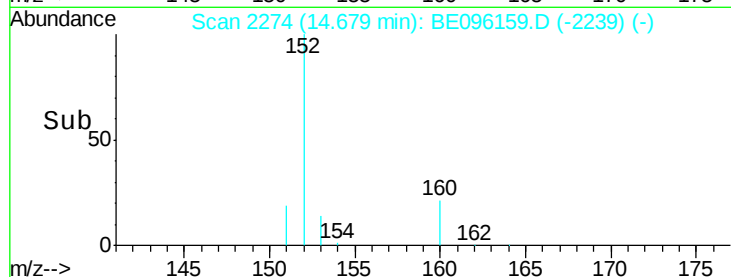
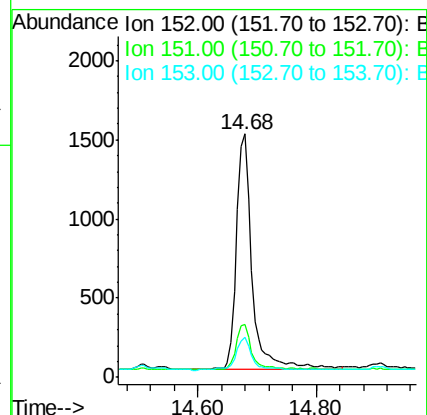
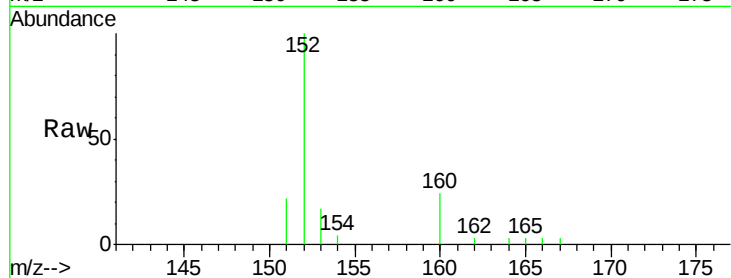
Tot Ion:152 Resp: 2729

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

153 16.7 12.8 19.2



#8

Acenaphthene

Concen: 0.248 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

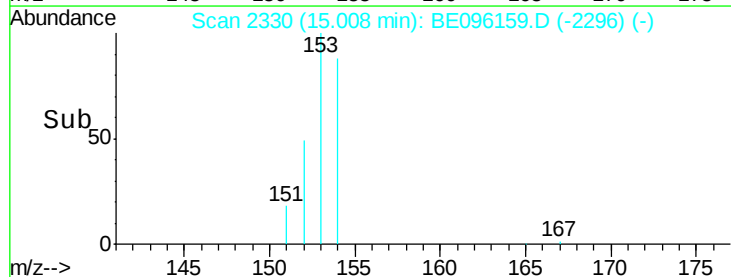
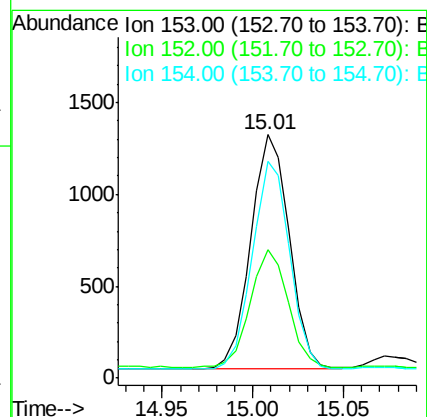
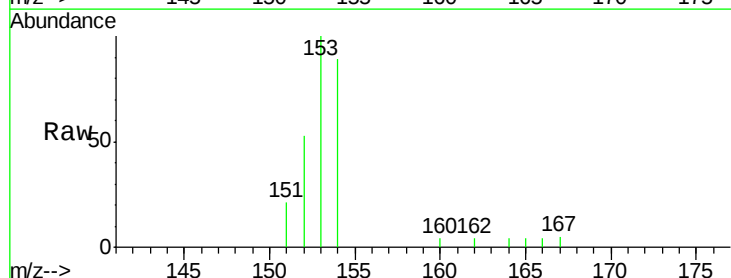
Tgt Ion:153 Resp: 1904

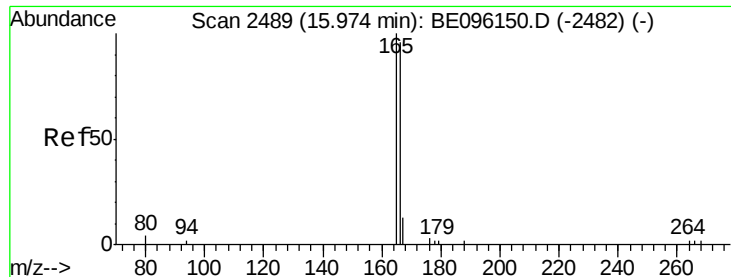
Ion Ratio Lower Upper

153 100

152 52.6 36.0 54.0

154 88.8 72.0 108.0





#9

Fluorene

Concen: 0.285 ng/ul

RT: 15.97 min Scan# 2489

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :

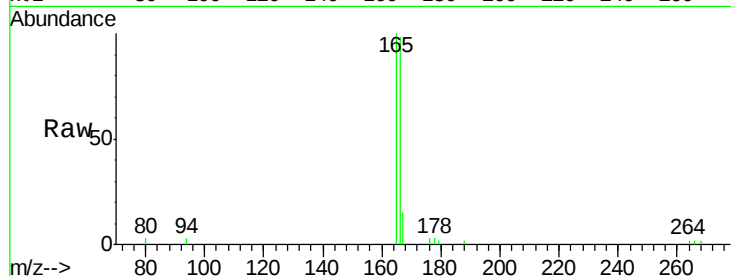
Tot Ion:166 Resp: 2891

Ion Ratio Lower Upper

166 100

165 102.2 73.4 110.2

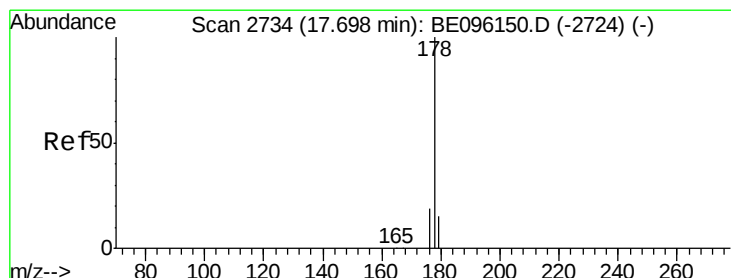
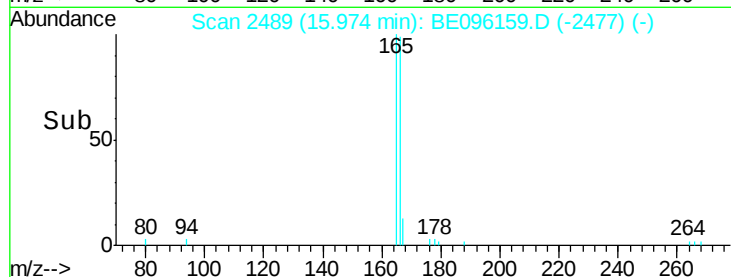
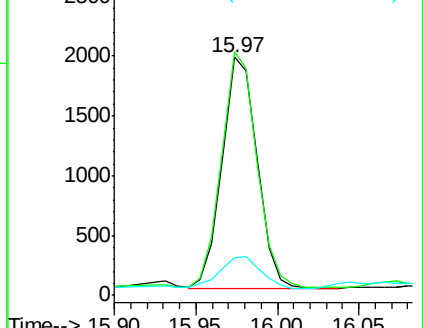
167 15.7 14.6 22.0



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



#12

Phenanthrene

Concen: 3.794 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

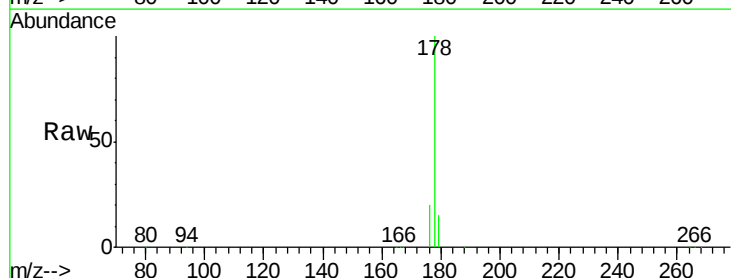
Tgt Ion:178 Resp: 60169

Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

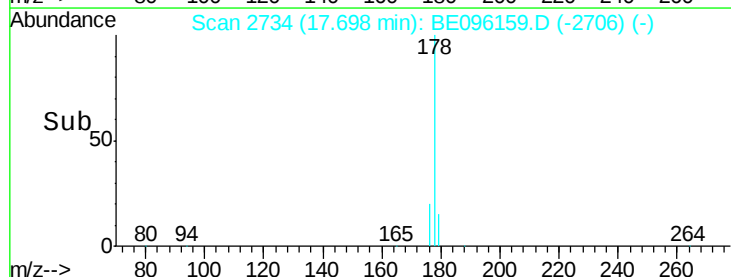
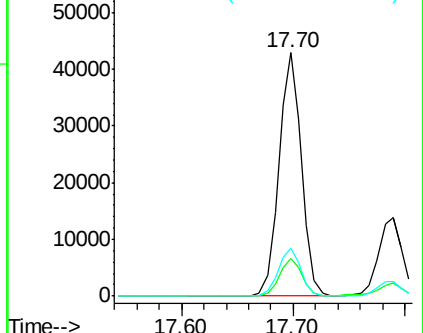
176 19.8 13.6 20.4

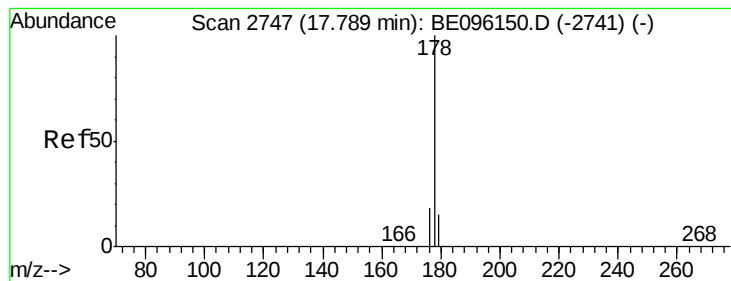


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.224 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :

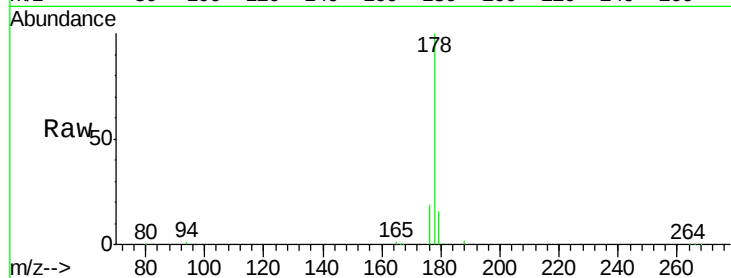
Tot Ion:178 Resp: 19477

Ion Ratio Lower Upper

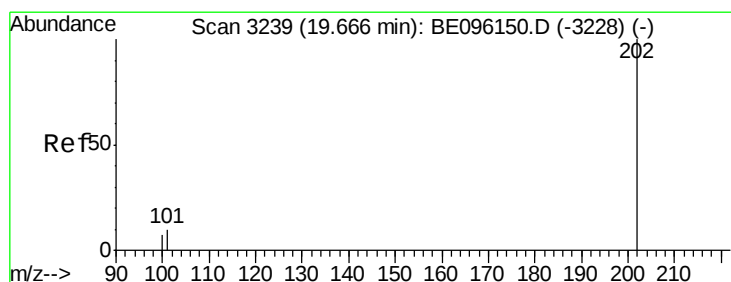
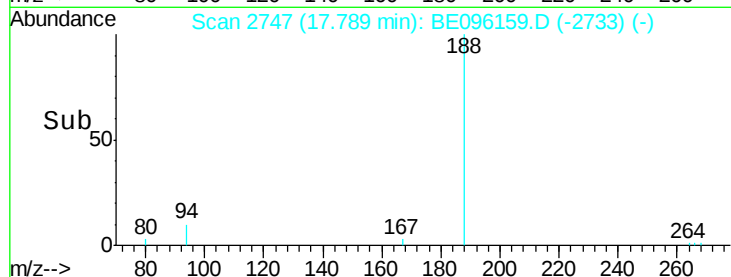
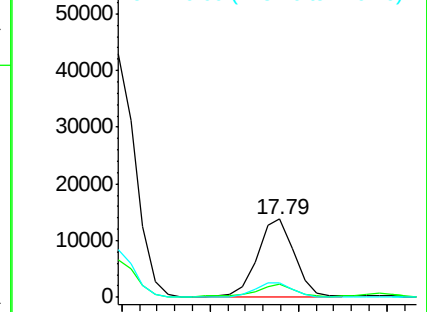
178 100

179 16.2 18.1 27.1#

176 18.9 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: 6.966 ng/ul

RT: 19.67 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

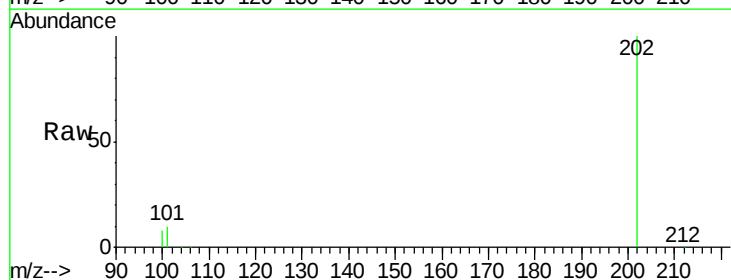
Tgt Ion:202 Resp: 168842

Ion Ratio Lower Upper

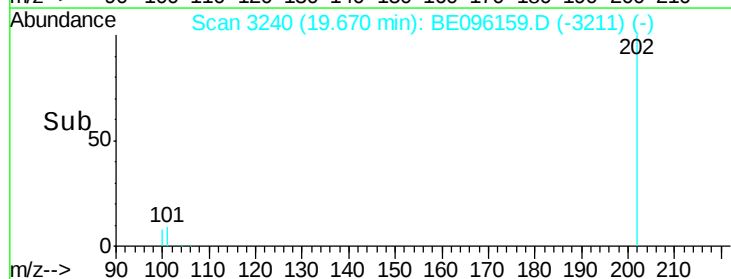
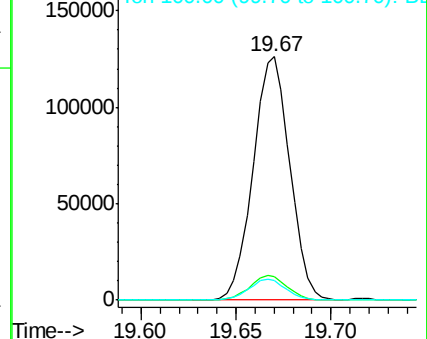
202 100

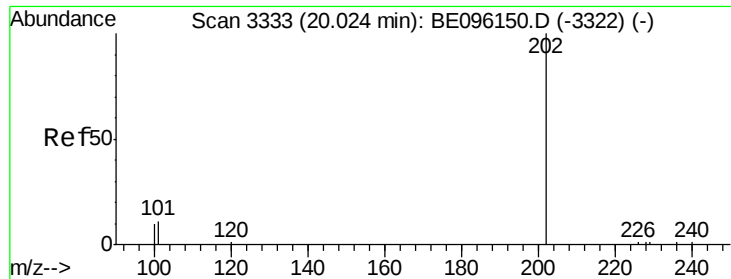
101 9.6 0.0 30.3

100 7.8 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: 6.303 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :

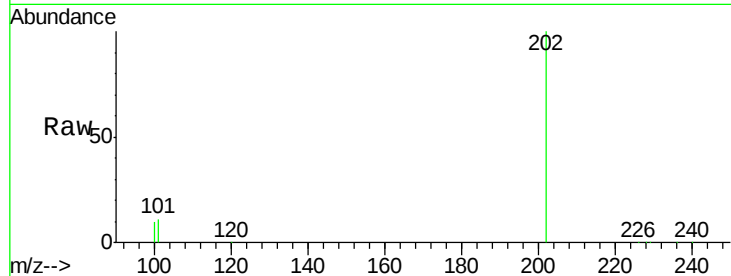
Tot Ion:202 Resp: 87460

Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

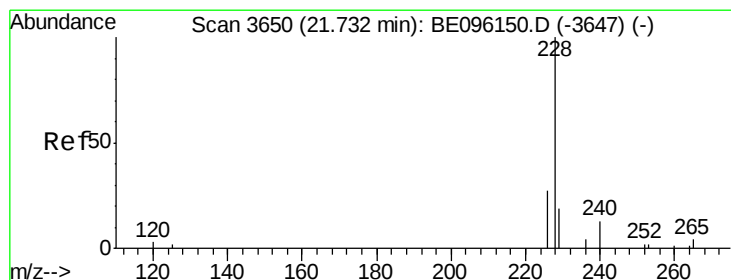
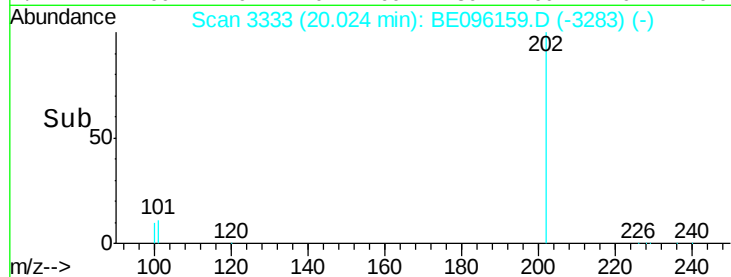
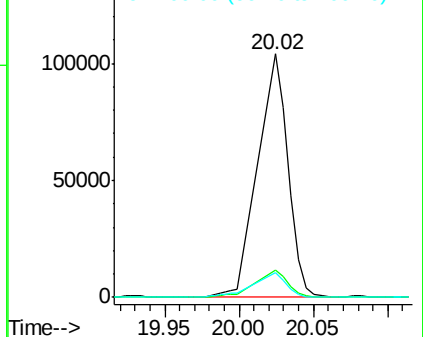
100 10.2 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 3.873 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

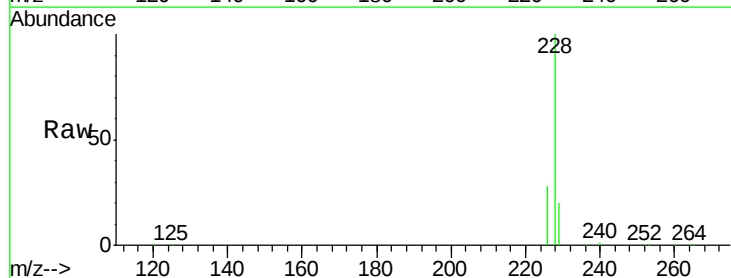
Tgt Ion:228 Resp: 81110

Ion Ratio Lower Upper

228 100

229 20.4 22.8 34.2#

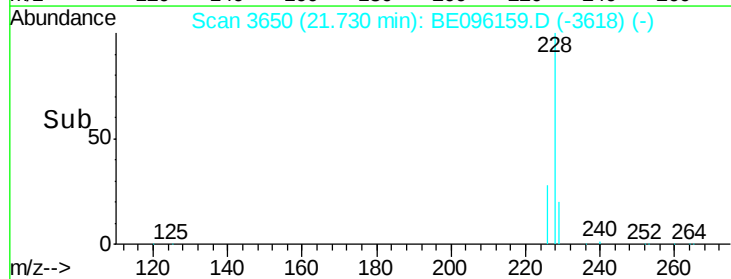
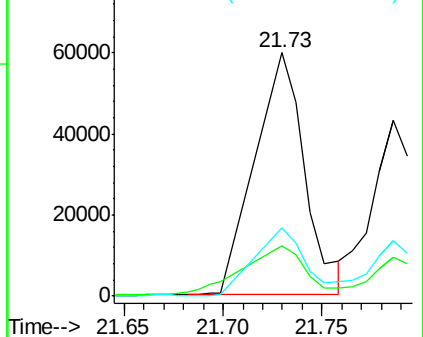
226 28.3 17.0 25.6#

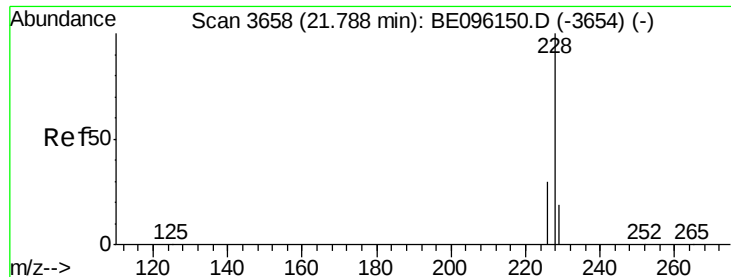


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.402 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :

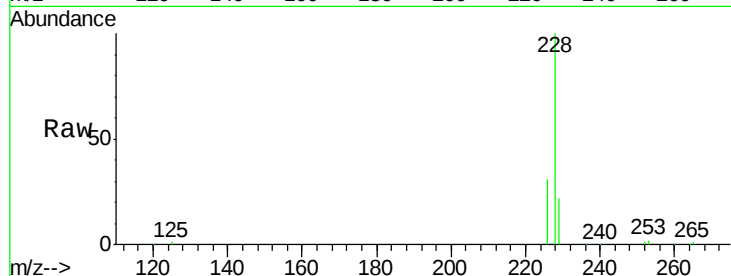
Tot Ion:228 Resp: 65474

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

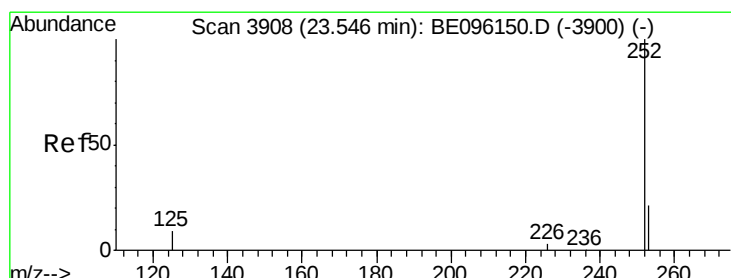
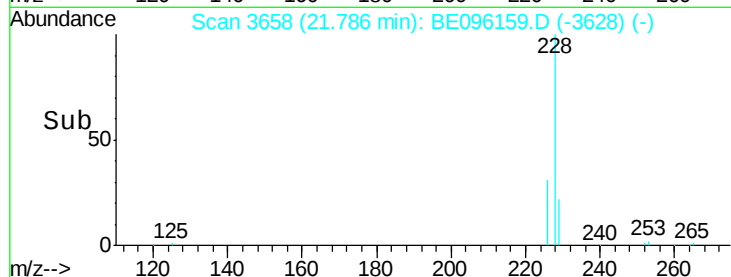
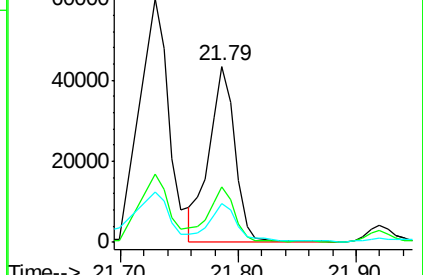
229 22.2 17.7 26.5



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: 5.753 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

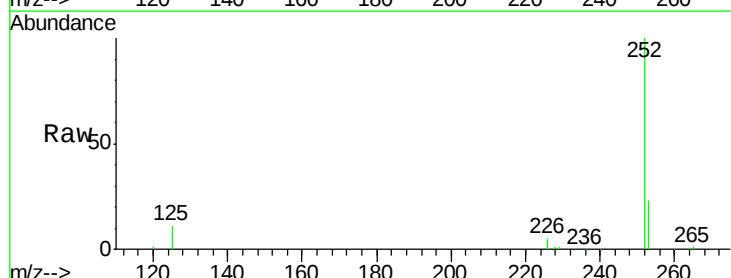
Tgt Ion:252 Resp: 121110

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

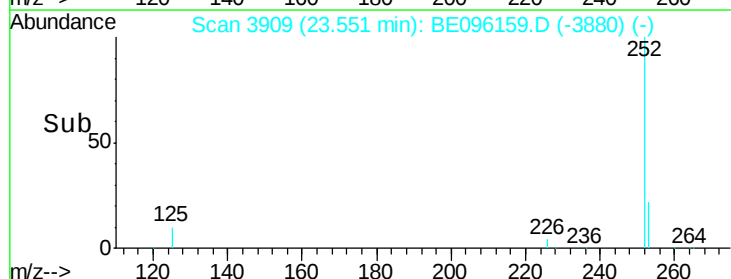
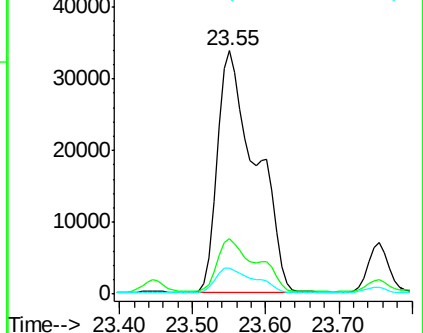
125 10.8 0.0 35.0

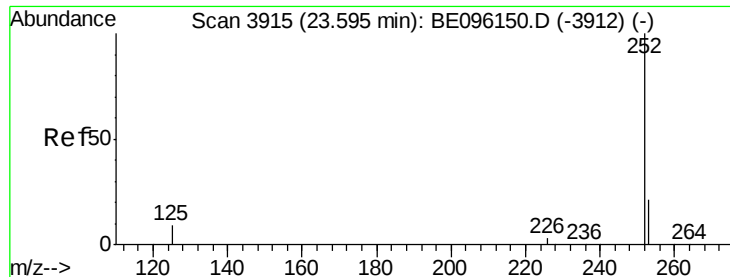


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.018 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. -0.04 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :

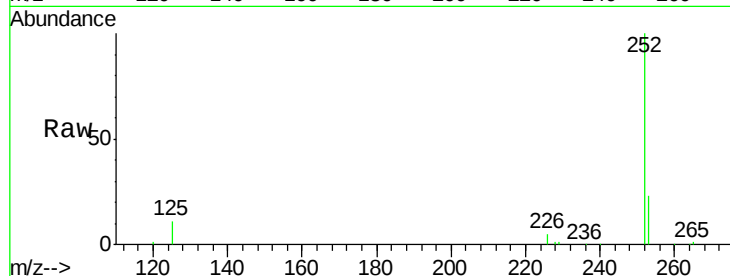
Tot Ion:252 Resp: 121110

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

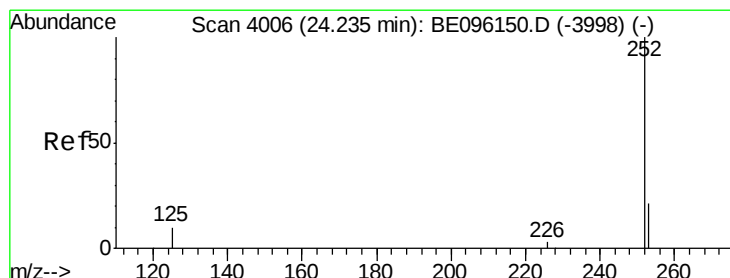
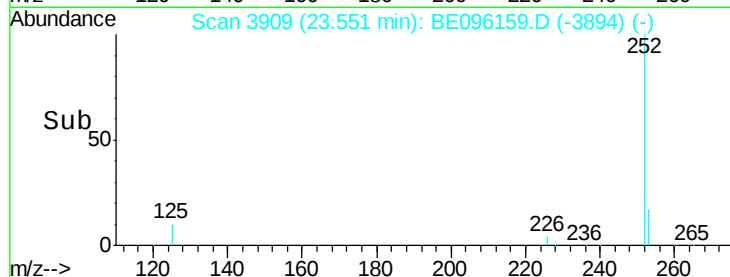
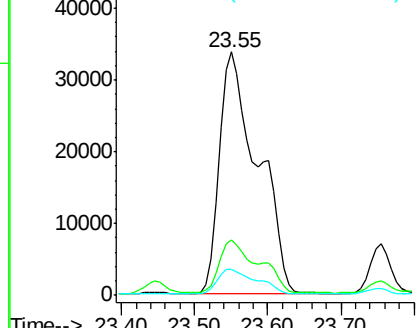
125 10.8 13.7 20.5#



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: 3.459 ng/ul

RT: 24.24 min Scan# 4007

Delta R.T. 0.01 min

Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

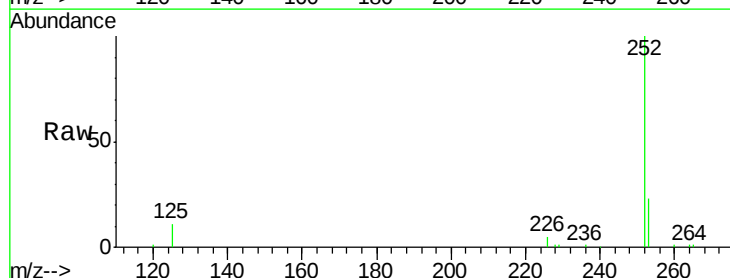
Tgt Ion:252 Resp: 63265

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

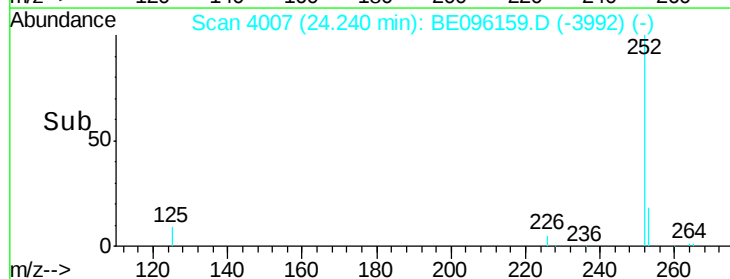
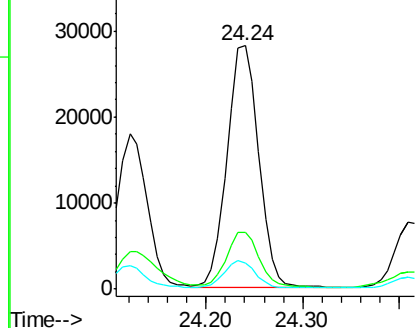
125 10.7 18.1 27.1#

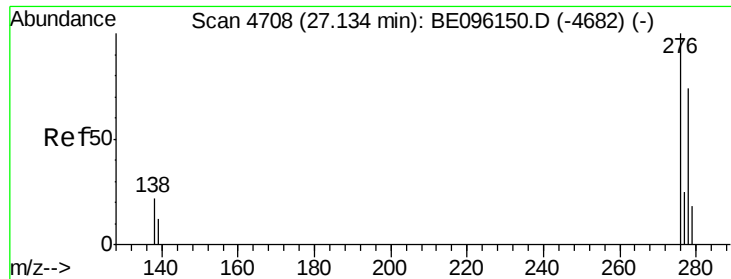


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

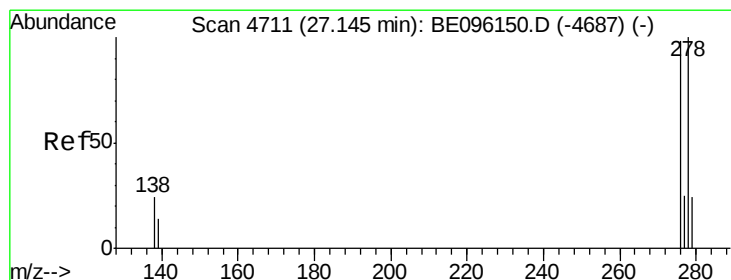
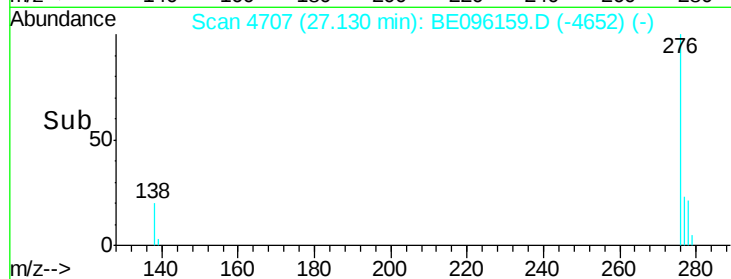
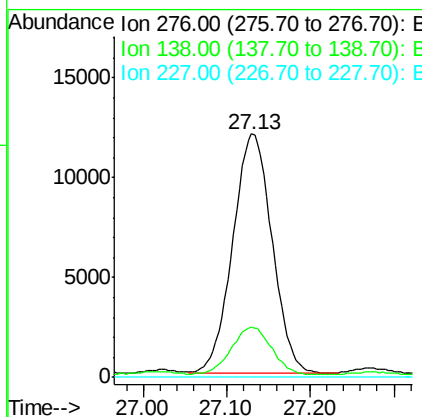
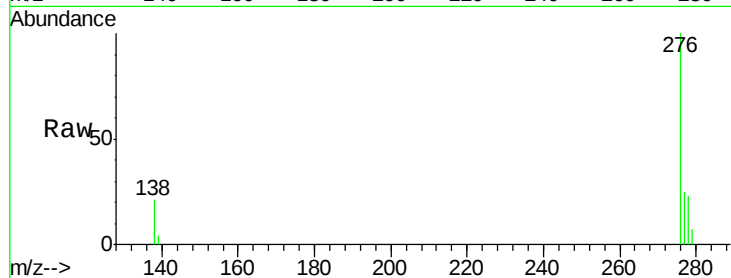




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.588 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.00 min
Lab File: BE096159.D
Acq: 25 Apr 2018 21:55

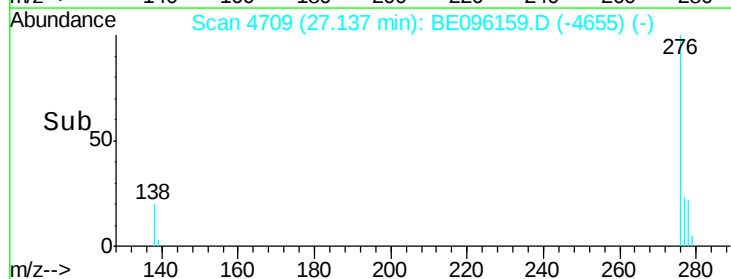
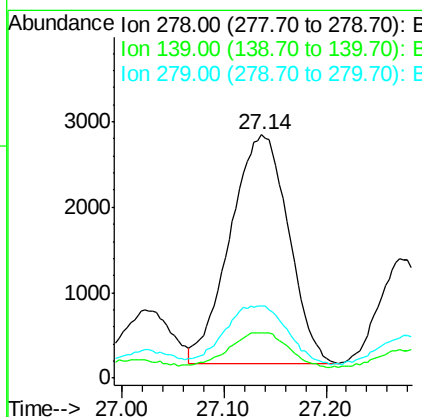
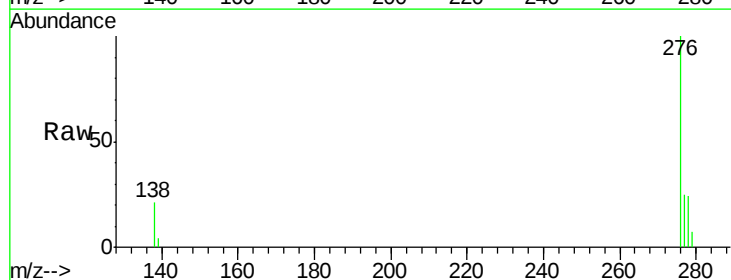
Instrument :
BNA_E
ClientSampleId :

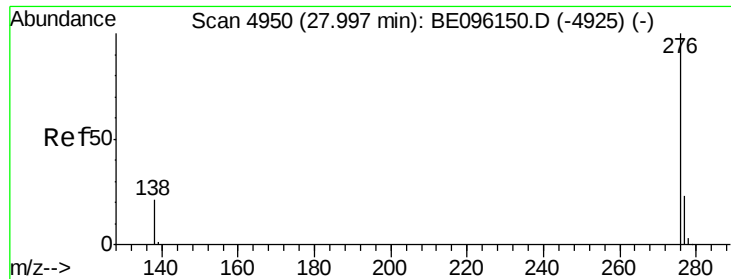
Tot Ion:276 Resp: 39142
Ion Ratio Lower Upper
276 100
138 20.3 28.0 42.0#
227 0.0 8.0 12.0#



#25
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 27.14 min Scan# 4709
Delta R.T. -0.01 min
Lab File: BE096159.D
Acq: 25 Apr 2018 21:55

Tgt Ion:278 Resp: 10587
Ion Ratio Lower Upper
278 100
139 18.5 17.4 26.0
279 29.8 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.587 ng/ul

RT: 28.00 min Scan# 4950

Delta R.T. -0.00 min

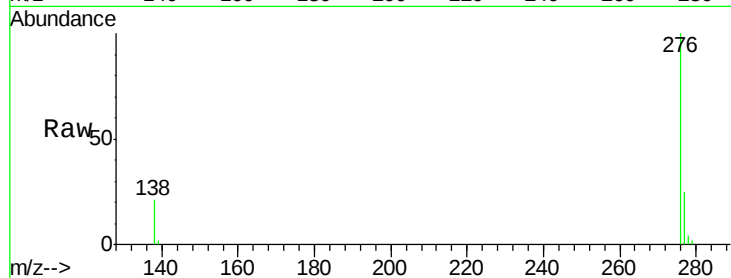
Lab File: BE096159.D

Acq: 25 Apr 2018 21:55

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	34033
Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.8	32.8#
277	24.6	20.5	30.7

