

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096149.D
 Acq On : 25 Apr 2018 15:49
 Operator : SJ/JU
 Sample : J2431-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 04:19:49 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 04:18:04 2018
 Response via : Initial Calibration

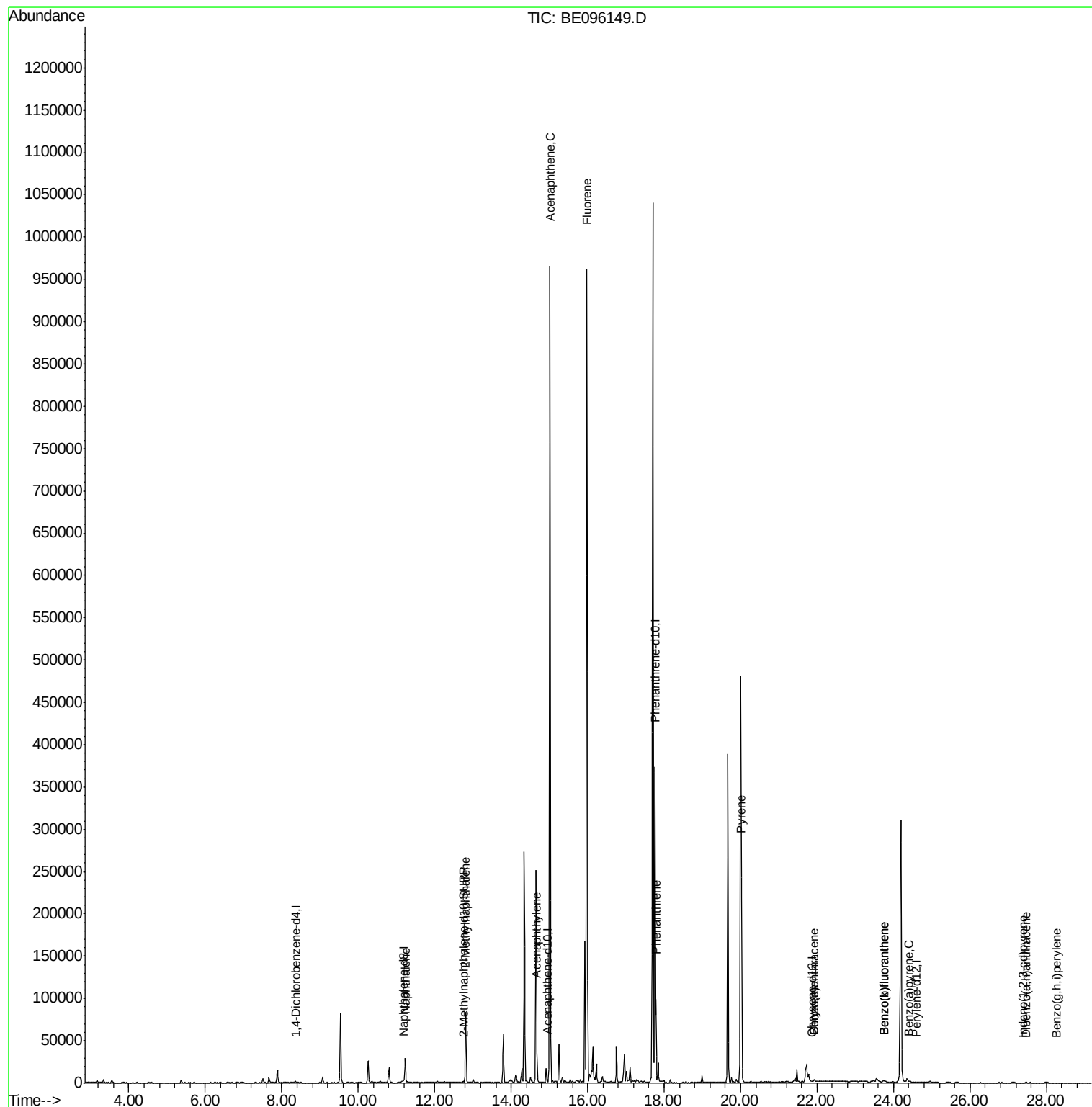
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	769	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3151	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2177	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	444394	0.40	ng/ul	0.11
16) Chrysene-d12	21.88	240	60	0.40	ng/ul	0.13
20) Perylene-d12	24.58	264	26	0.40	ng/ul	0.23
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2071	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.75	212	169	0.00	ng/ul	0.11
Target Compounds						
					Ovalue	
3) Naphthalene	11.23	128	40180	4.580	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	70907	12.062	ng/ul	100
7) Acenaphthylene	14.67	152	20451	1.822	ng/ul#	93
8) Acenaphthene	15.01	153	578436	71.486	ng/ul	94
9) Fluorene	15.98	166	834804	77.972	ng/ul#	88
12) Phenanthrene	17.79	178	96313	0.074	ng/ul#	89
17) Pyrene	20.02	202	187849	1560.604	ng/ul#	79
18) Benzo(a)anthracene	21.92	228	2368	13.036	ng/ul#	59
19) Chrysene	21.92	228	2368	14.186	ng/ul#	56
21) Benzo(b)fluoranthene	23.76	252	1332	13.530	ng/ul#	49
22) Benzo(k)fluoranthene	23.76	252	1332	14.153	ng/ul#	46
23) Benzo(a)pyrene	24.42	252	1206	14.101	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.39	276	3	0.026	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.46	278	340	3.524	ng/ul#	9
26) Benzo(g,h,i)perylene	28.27	276	20	0.199	ng/ul#	1

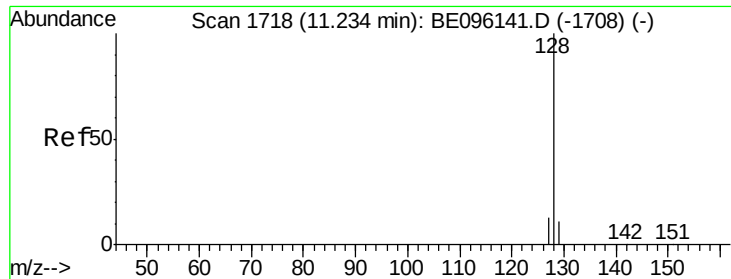
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 26 04:18:04 2018
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#3

Naphthalene

Concen: 4.580 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

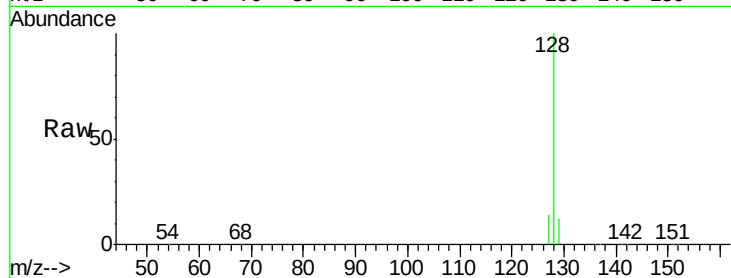
Tot Ion:128 Resp: 40180

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

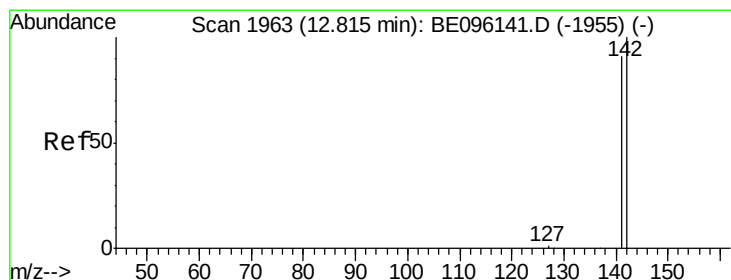
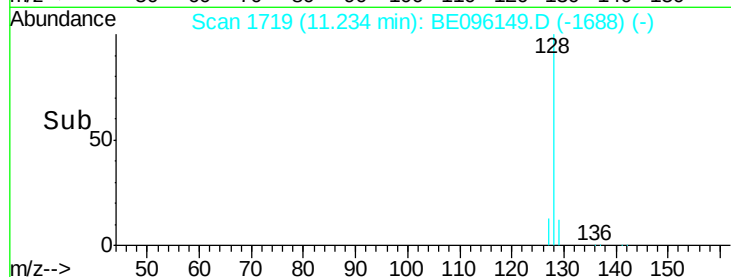
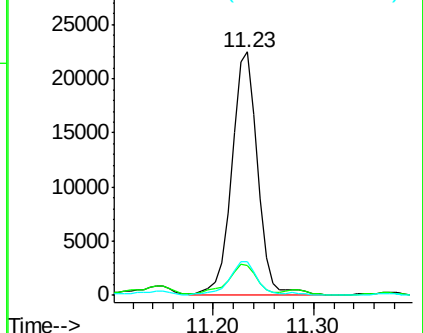
127 13.8 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 12.062 ng/ul

RT: 12.81 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE096149.D

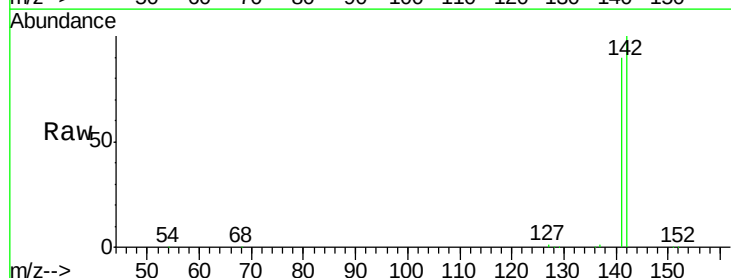
Acq: 25 Apr 2018 15:49

Tgt Ion:142 Resp: 70907

Ion Ratio Lower Upper

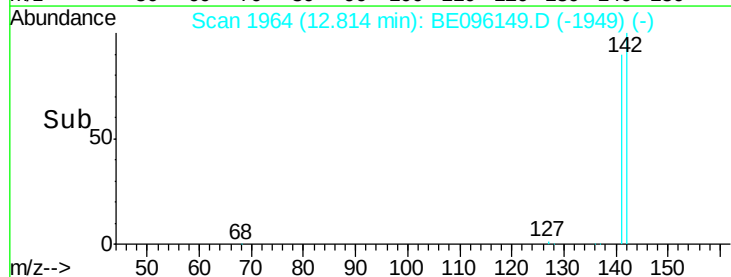
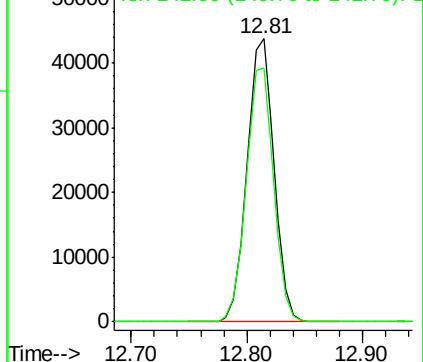
142 100

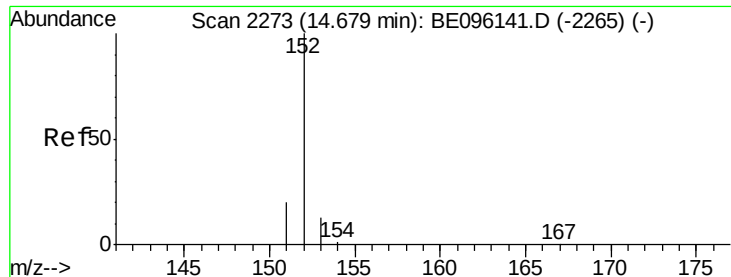
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.822 ng/ul

RT: 14.67 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

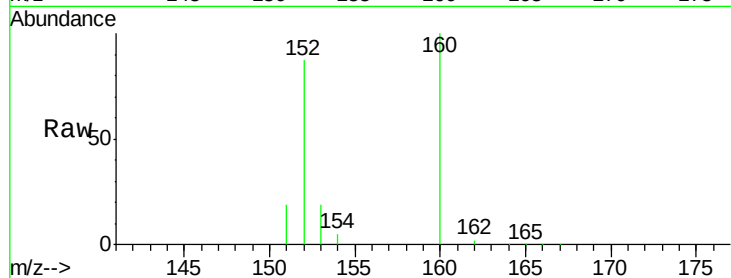
Tot Ion:152 Resp: 20451

Ion Ratio Lower Upper

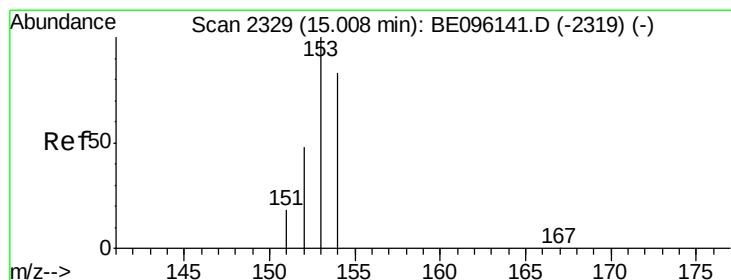
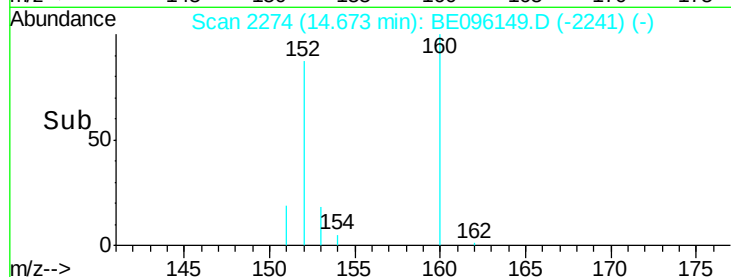
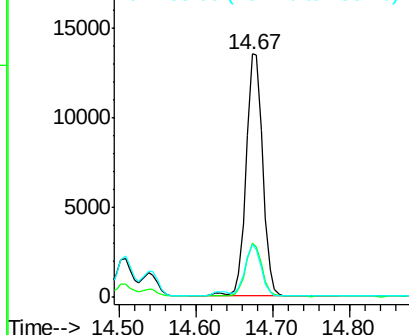
152 100

151 22.1 17.1 25.7

153 21.7 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



#8

Acenaphthene

Concen: 71.486 ng/ul

RT: 15.01 min Scan# 2332

Delta R.T. 0.01 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

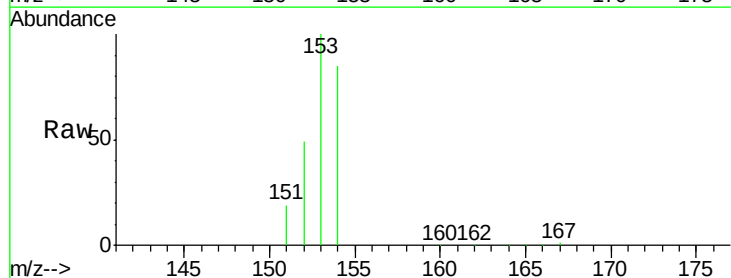
Tgt Ion:153 Resp: 578436

Ion Ratio Lower Upper

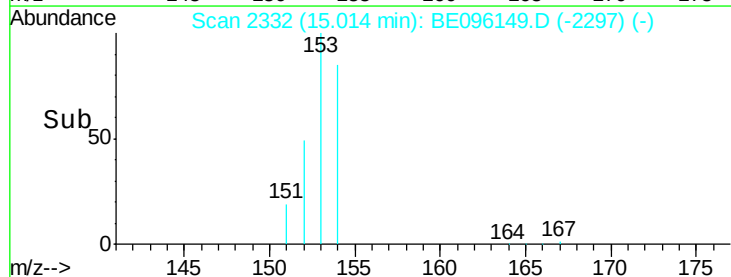
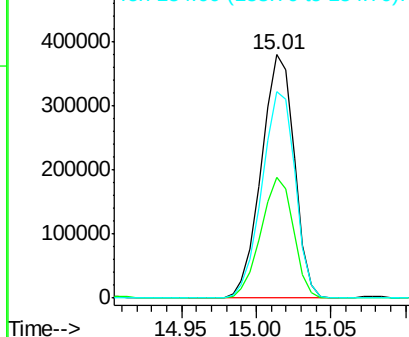
153 100

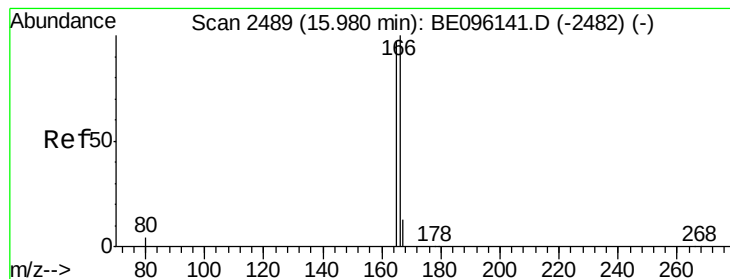
152 49.4 36.0 54.0

154 85.0 72.0 108.0



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: 77.972 ng/ul

RT: 15.98 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

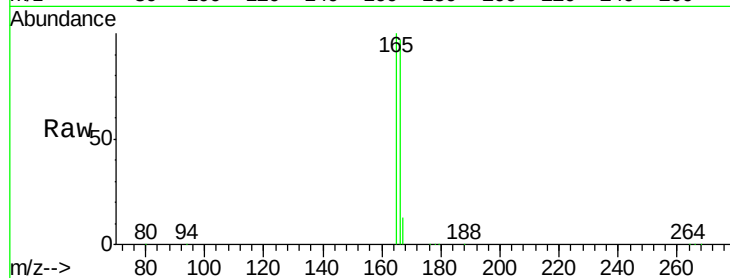
Tot Ion:166 Resp: 834804

Ion Ratio Lower Upper

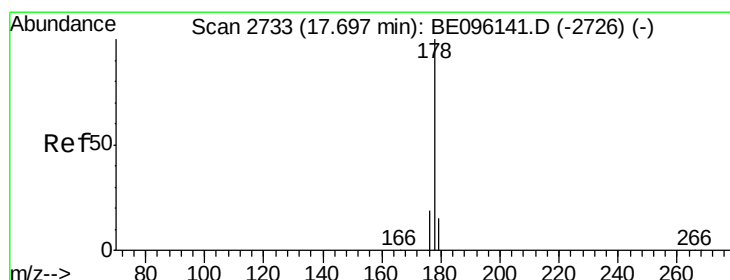
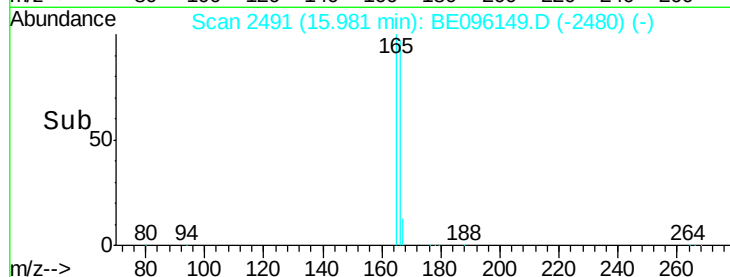
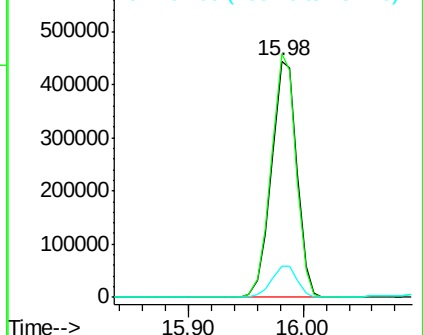
166 100

165 103.0 73.4 110.2

167 13.3 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: 0.074 ng/ul

RT: 17.79 min Scan# 2748

Delta R.T. 0.09 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

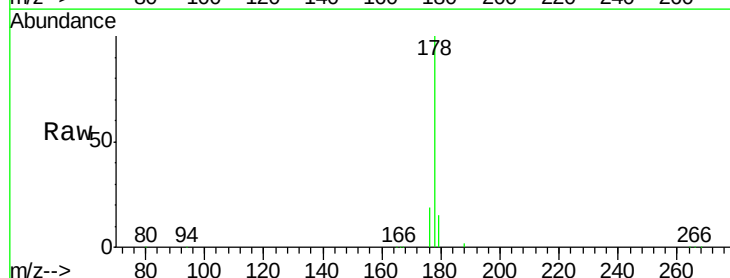
Tgt Ion:178 Resp: 96313

Ion Ratio Lower Upper

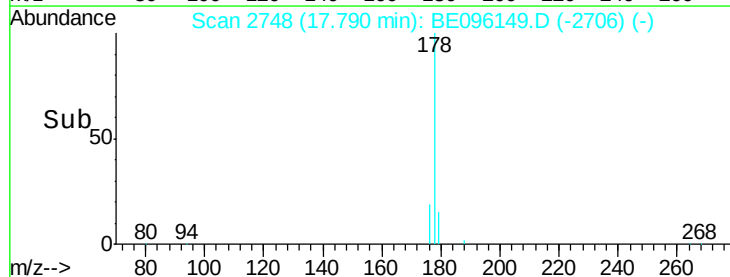
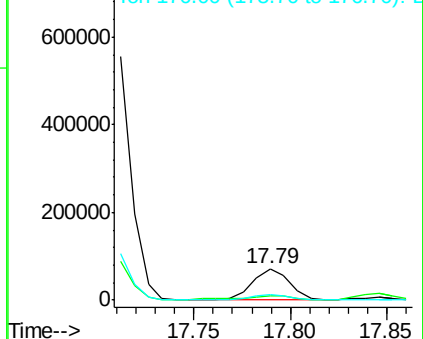
178 100

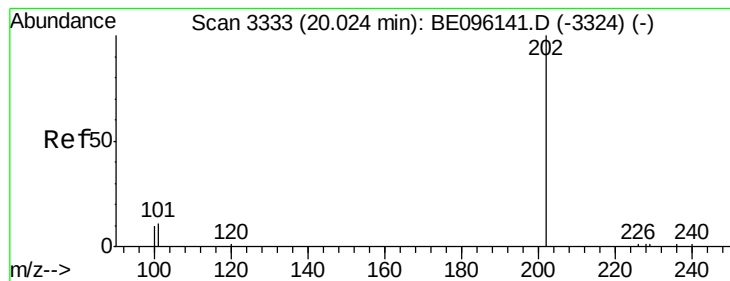
179 15.4 18.4 27.6#

176 19.4 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

Pvrene

Concen: 1560.604 ng/ul

RT: 20.02 min Scan# 3334

Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

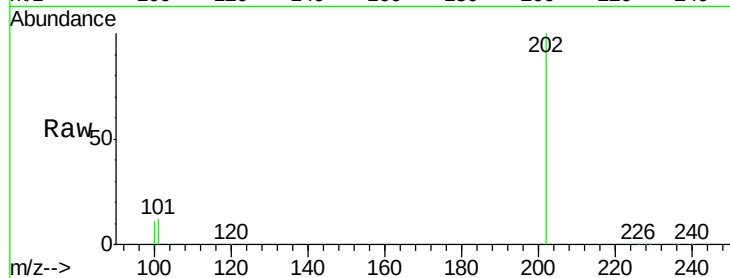
Tot Ion:202 Resp: 187849

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

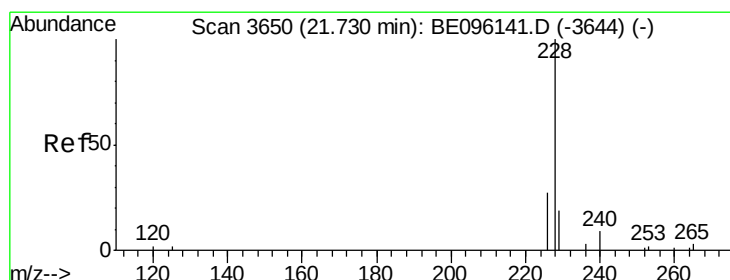
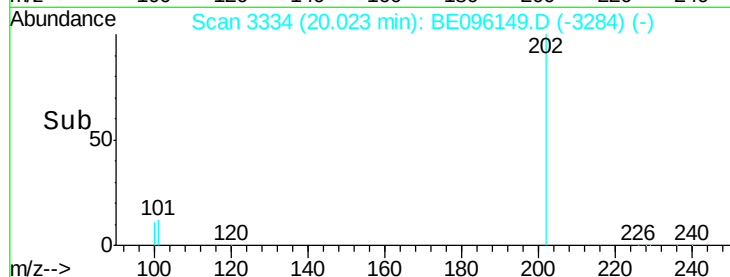
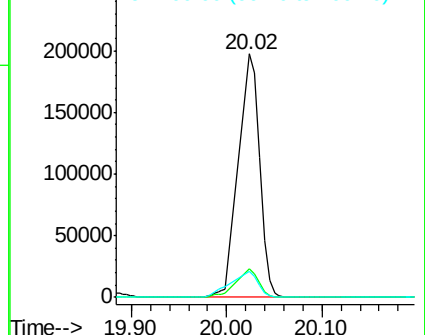
100 10.6 15.6 23.4#



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: 13.036 ng/ul

RT: 21.92 min Scan# 3678

Delta R.T. 0.19 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

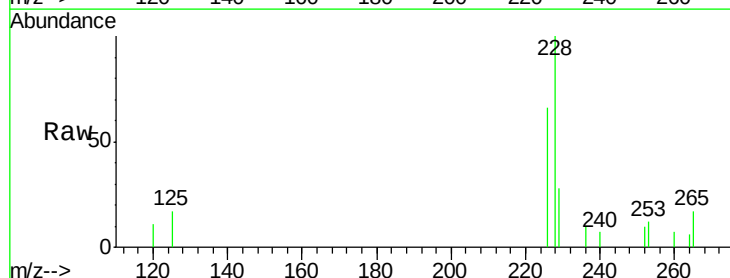
Tgt Ion:228 Resp: 2368

Ion Ratio Lower Upper

228 100

229 28.0 22.8 34.2

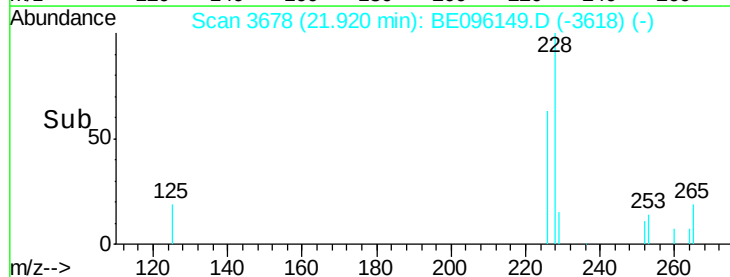
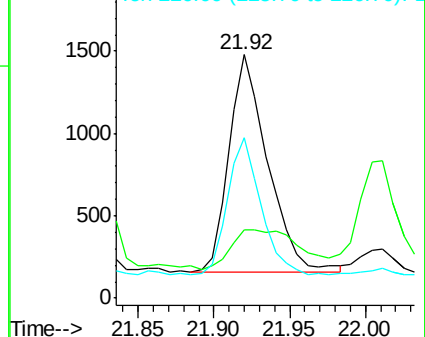
226 66.1 17.0 25.6#

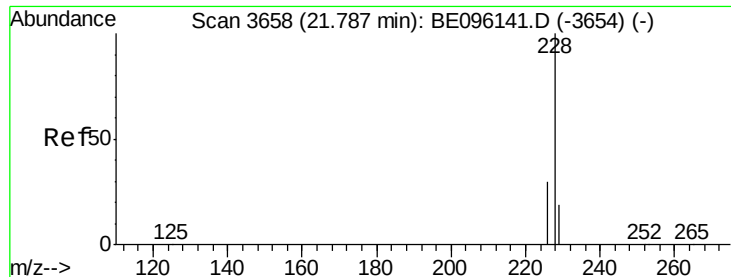


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 14.186 ng/ul

RT: 21.92 min Scan# 3678

Delta R.T. 0.13 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

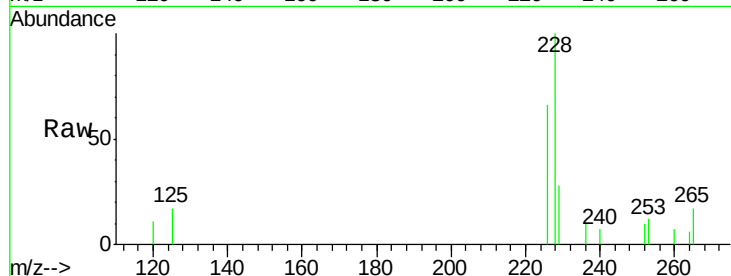
Tot Ion:228 Resp: 2368

Ion Ratio Lower Upper

228 100

226 66.1 23.4 35.0#

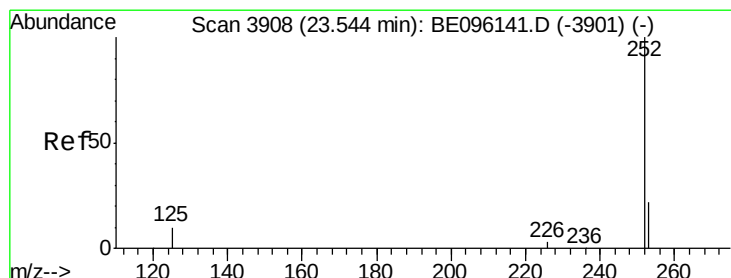
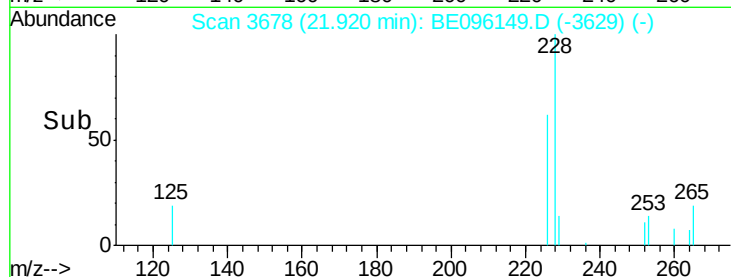
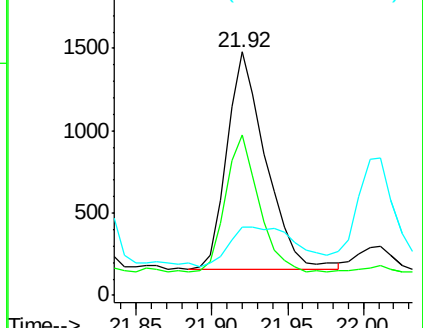
229 28.0 17.7 26.5#



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: 13.530 ng/ul

RT: 23.76 min Scan# 3939

Delta R.T. 0.21 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

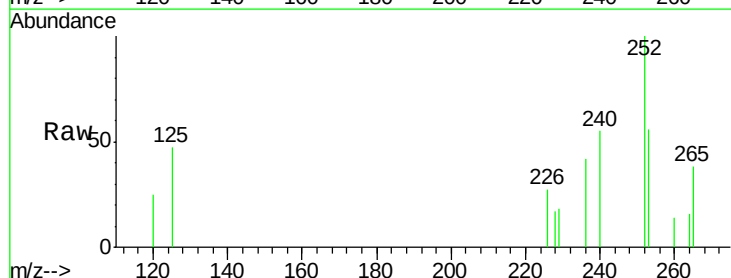
Tgt Ion:252 Resp: 1332

Ion Ratio Lower Upper

252 100

253 55.6 0.0 64.2

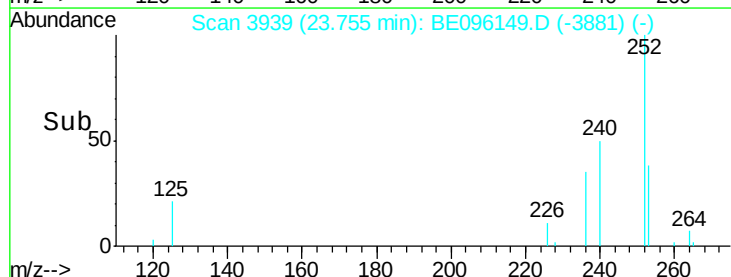
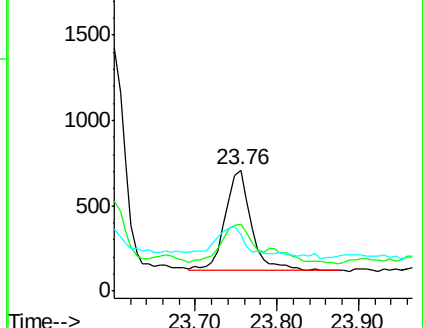
125 47.0 0.0 35.0#

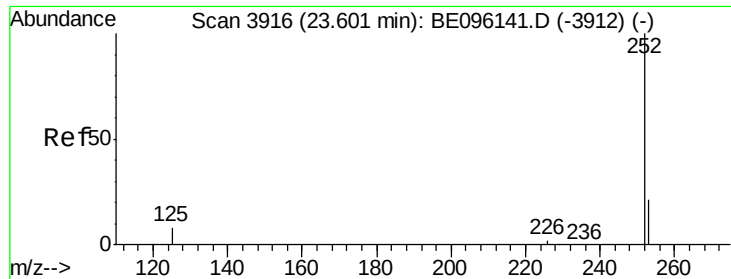


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 14.153 ng/ul

RT: 23.76 min Scan# 3939

Delta R.T. 0.15 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

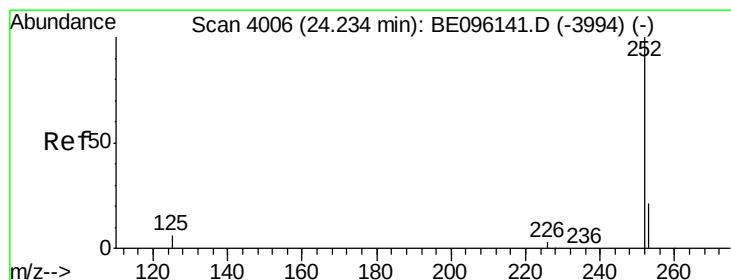
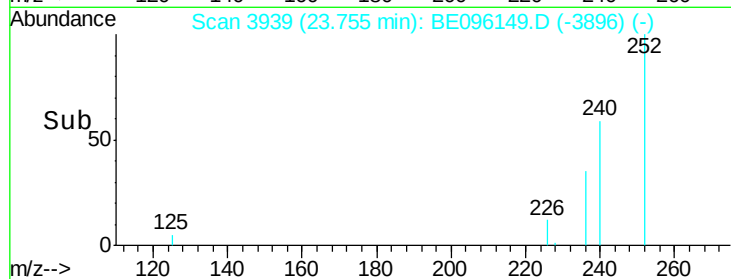
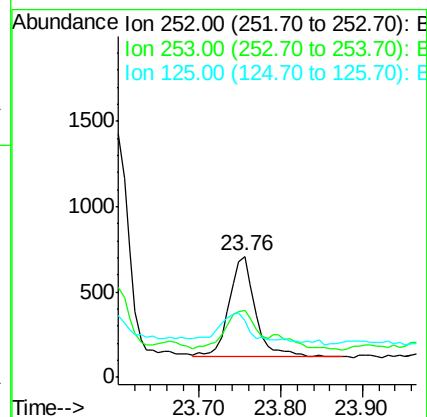
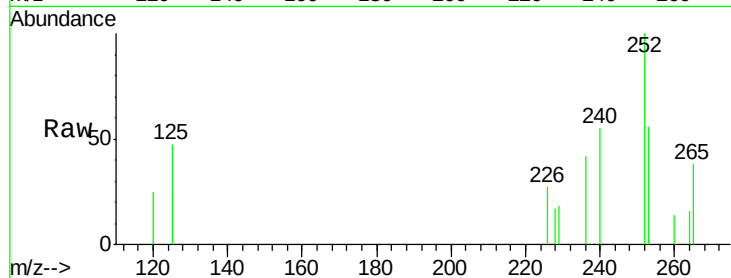
Tot Ion:252 Resp: 1332

Ion Ratio Lower Upper

252 100

253 55.6 24.5 36.7#

125 47.0 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 14.101 ng/ul

RT: 24.42 min Scan# 4033

Delta R.T. 0.18 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

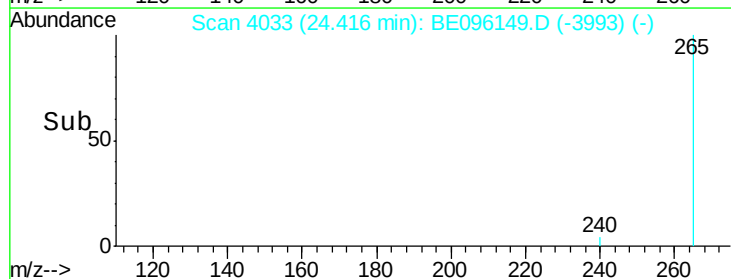
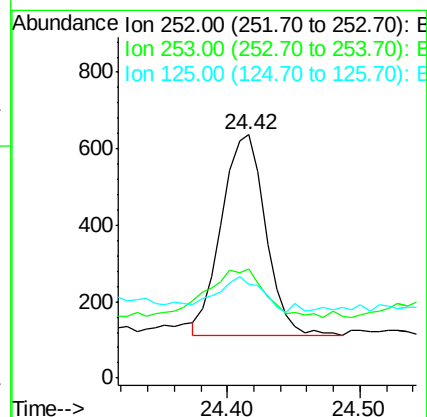
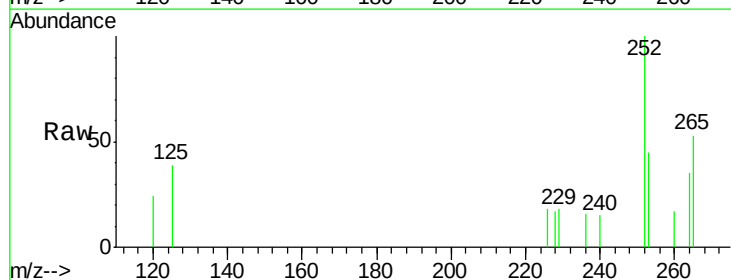
Tgt Ion:252 Resp: 1206

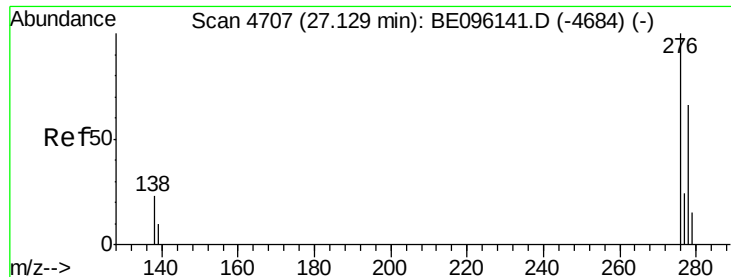
Ion Ratio Lower Upper

252 100

253 44.9 28.5 42.7#

125 38.8 18.1 27.1#

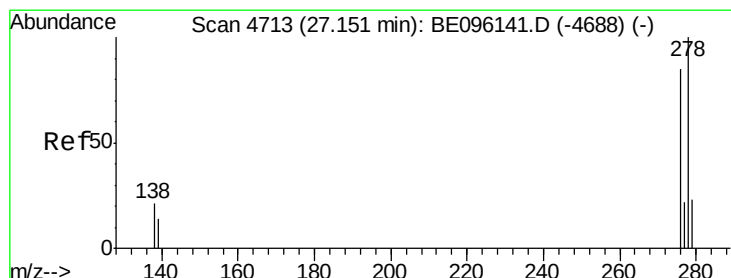
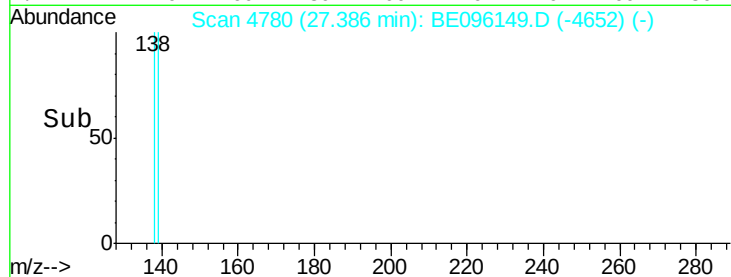
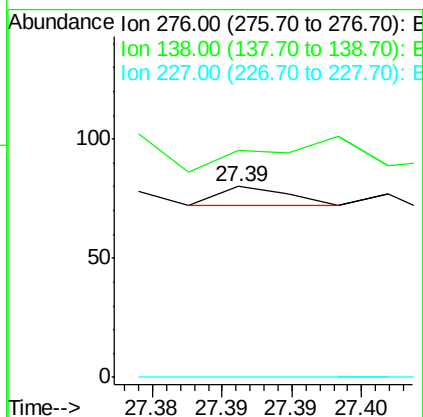
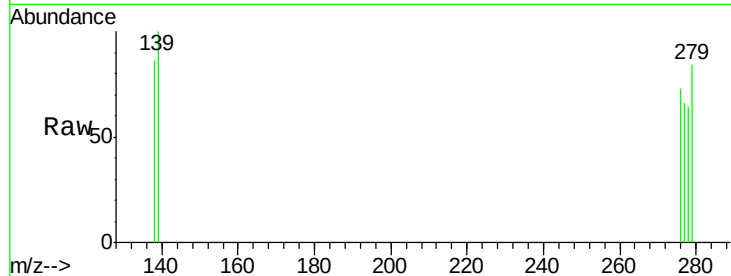




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng/ul
RT: 27.39 min Scan# 4780
Delta R.T. 0.26 min
Lab File: BE096149.D
Acq: 25 Apr 2018 15:49

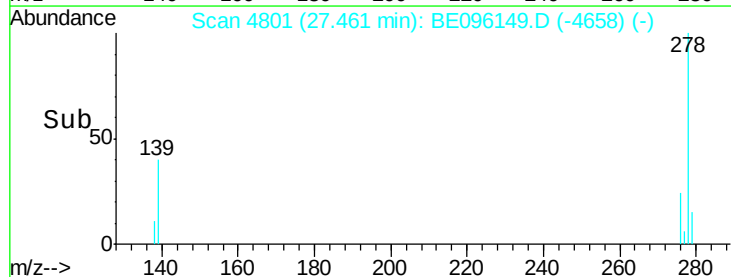
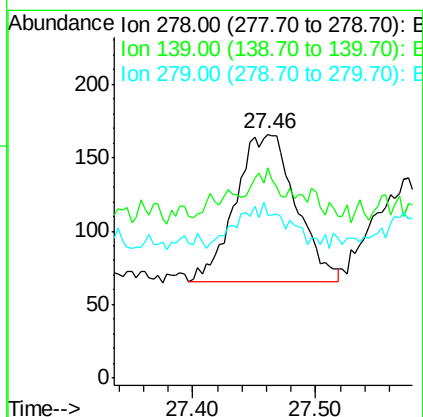
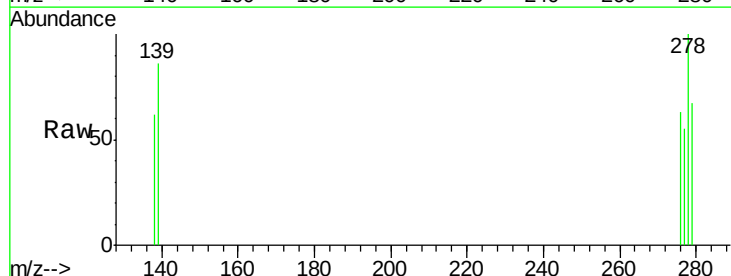
Instrument :
BNA_E
ClientSampleId :

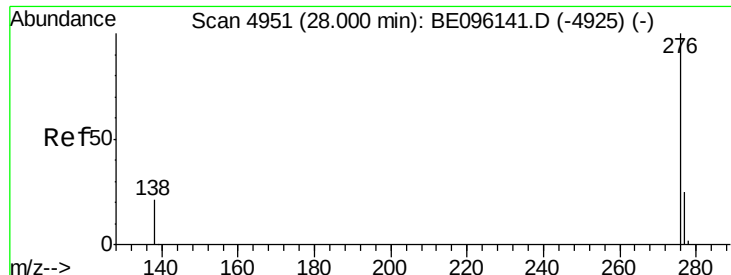
Tot Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 233.3 28.0 42.0#
227 0.0 8.0 12.0#



#25
Dibenzo(a,h)anthracene
Concen: 3.524 ng/ul
RT: 27.46 min Scan# 4801
Delta R.T. 0.31 min
Lab File: BE096149.D
Acq: 25 Apr 2018 15:49

Tgt Ion:278 Resp: 340
Ion Ratio Lower Upper
278 100
139 86.1 17.4 26.0#
279 66.9 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.199 ng/ul

RT: 28.27 min Scan# 5027

Delta R.T. 0.27 min

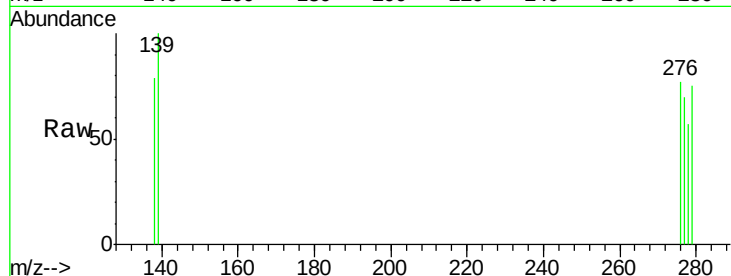
Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 20

Ion Ratio Lower Upper

276 100

138 102.2 21.8 32.8#

277 89.9 20.5 30.7#

