

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096095.D
 Acq On : 23 Apr 2018 21:15
 Operator : SJ/JU
 Sample : J2355-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 24 07:01:07 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

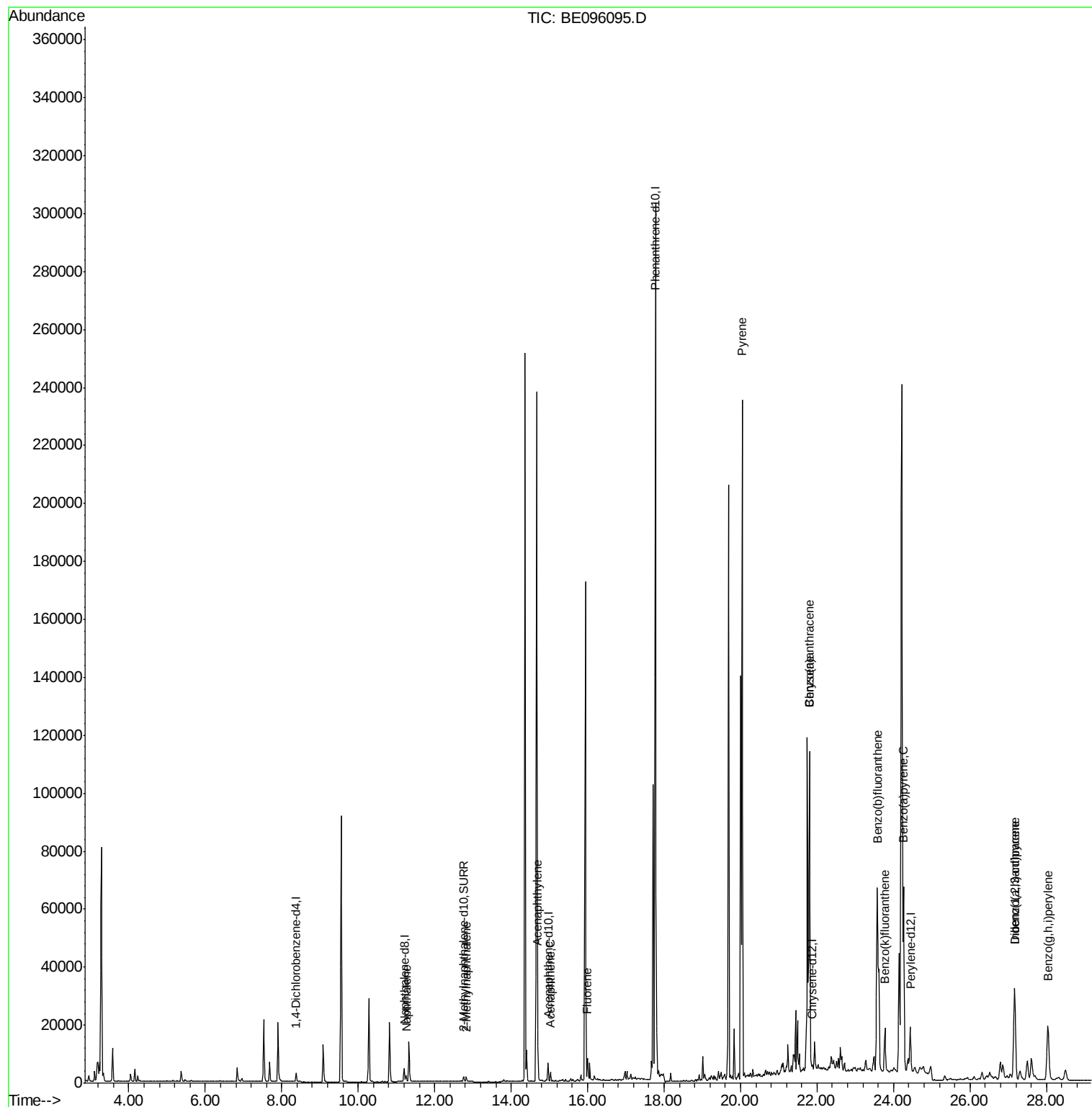
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2128	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3558	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	343423	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	58	0.40	ng/ul	0.11
20) Perylene-d12	24.45	264	536	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2249	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	213	0.00	ng/ul	0.08
Target Compounds					Ovalue	
3) Naphthalene	11.25	128	2589	0.152	ng/ul#	91
5) 2-Methylnaphthalene	12.83	142	1239	0.107	ng/ul	96
7) Acenaphthylene	14.70	152	16730	0.907	ng/ul	97
8) Acenaphthene	15.03	153	1803	0.136	ng/ul	93
9) Fluorene	15.99	166	5570	0.373	ng/ul	91
17) Pyrene	20.04	202	262758	1333.214	ng/ul#	78
18) Benzo(a)anthracene	21.81	228	115952	494.847	ng/ul#	85
19) Chrysene	21.81	228	115639	685.695	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	170264	98.167	ng/ul	84
22) Benzo(k)fluoranthene	23.78	252	21807	12.621	ng/ul	95
23) Benzo(a)pyrene	24.26	252	63131	37.720	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.17	276	60154	32.340	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	15946	10.646	ng/ul	94
26) Benzo(g,h,i)perylene	28.04	276	47551	30.606	ng/ul#	92

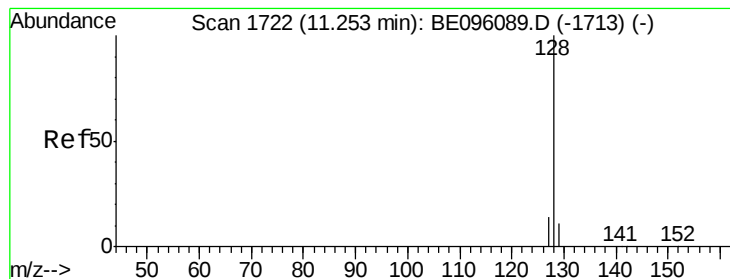
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 24 06:59:54 2018
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#3

Naphthalene

Concen: 0.152 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Instrument :

BNA_E

ClientSampleId :

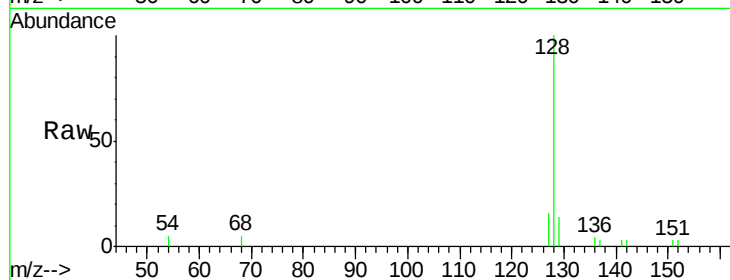
Tot Ion:128 Resp: 2589

Ion Ratio Lower Upper

128 100

129 14.5 11.3 16.9

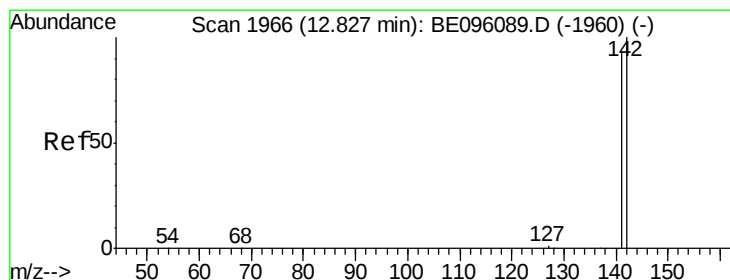
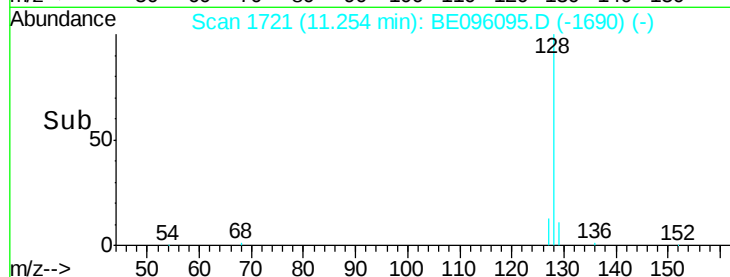
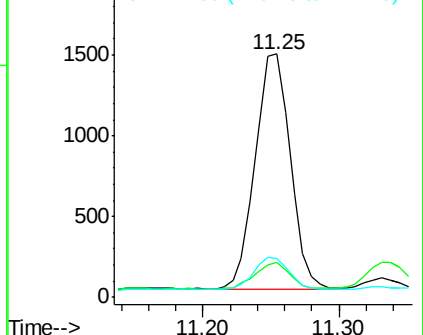
127 16.1 4.0 6.0#



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: 0.107 ng/ul

RT: 12.83 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE096095.D

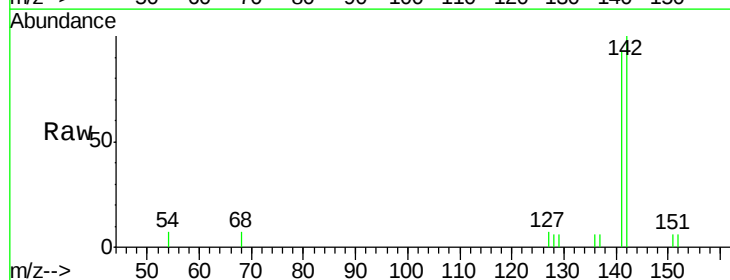
Acq: 23 Apr 2018 21:15

Tgt Ion:142 Resp: 1239

Ion Ratio Lower Upper

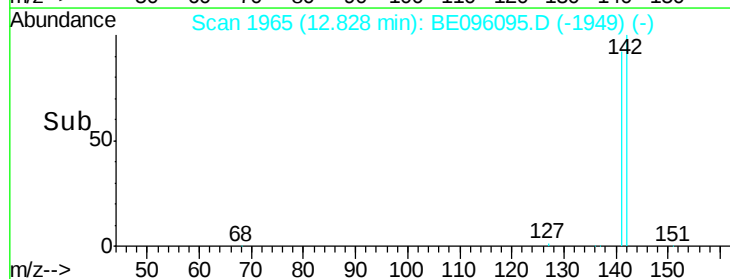
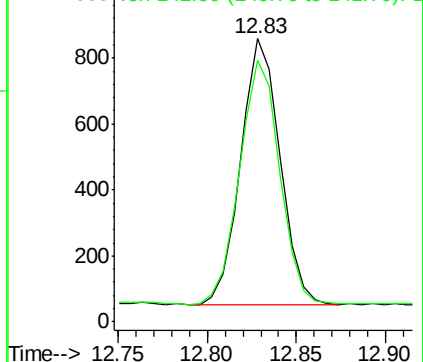
142 100

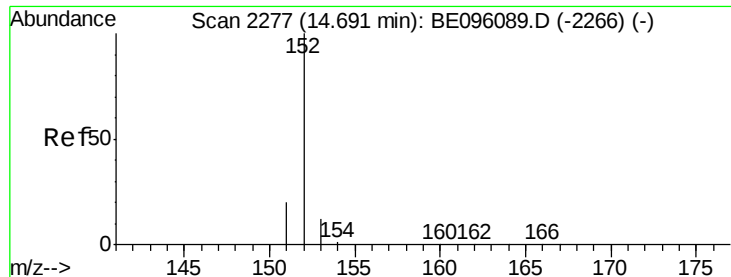
141 94.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.907 ng/ul

RT: 14.70 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Instrument :

BNA_E

ClientSampleId :

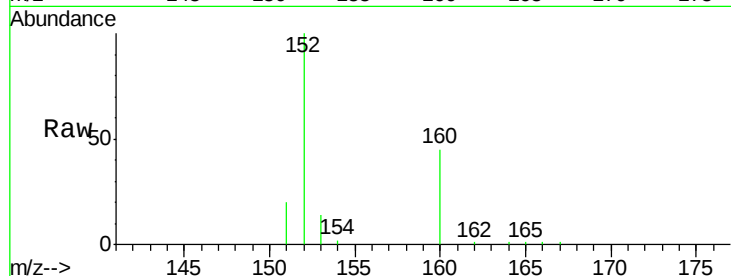
Tot Ion:152 Resp: 16730

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

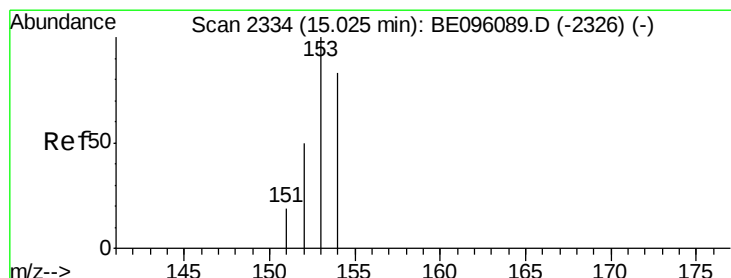
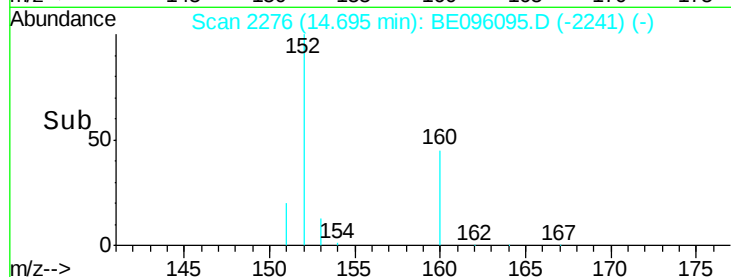
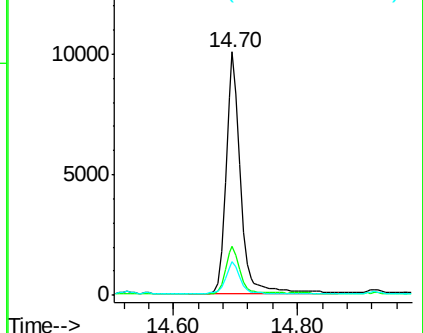
153 14.0 12.8 19.2



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: 0.136 ng/ul

RT: 15.03 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

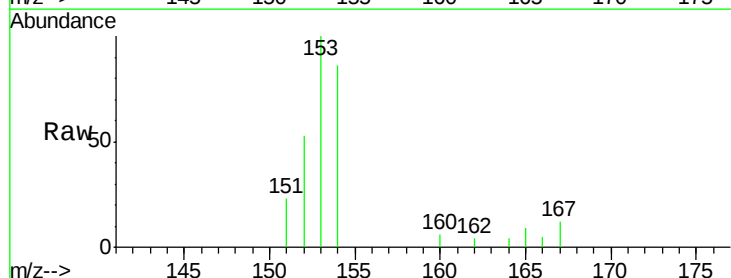
Tgt Ion:153 Resp: 1803

Ion Ratio Lower Upper

153 100

152 53.3 36.0 54.0

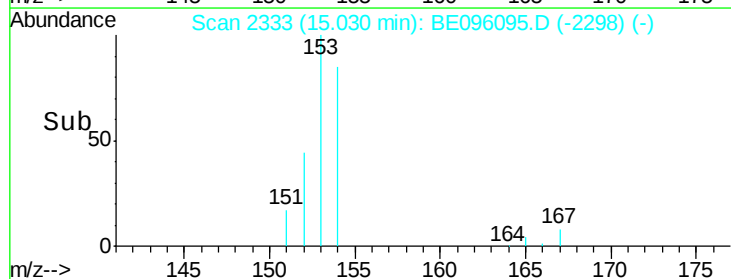
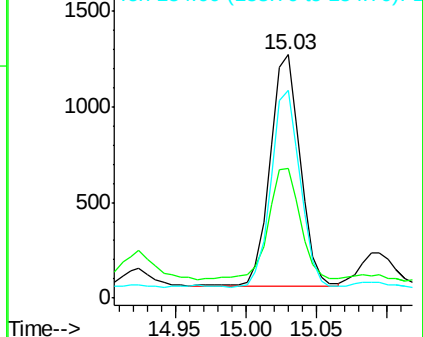
154 85.6 72.0 108.0

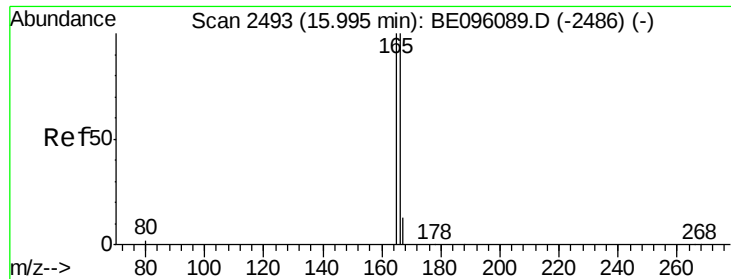


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

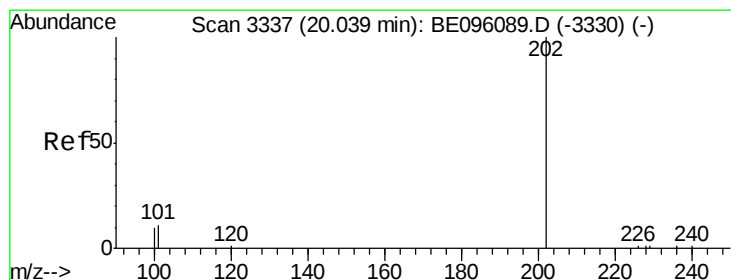
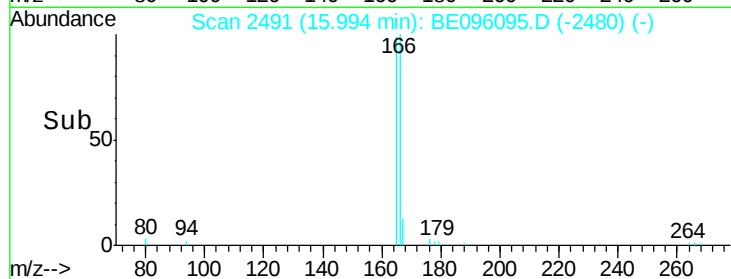
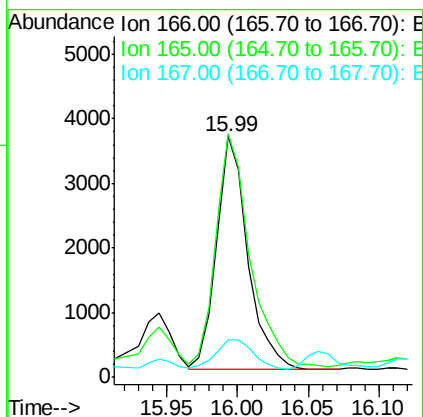
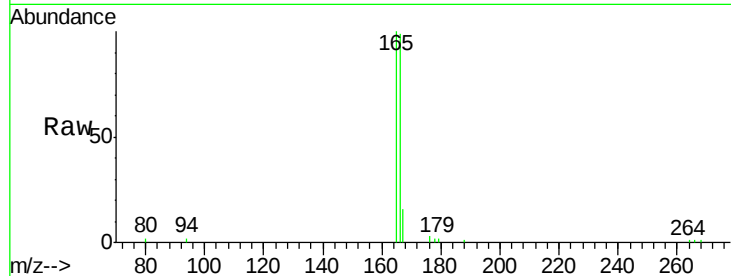




#9
Fluorene
 Concen: 0.373 ng/ul
 RT: 15.99 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BE096095.D
 Acq: 23 Apr 2018 21:15

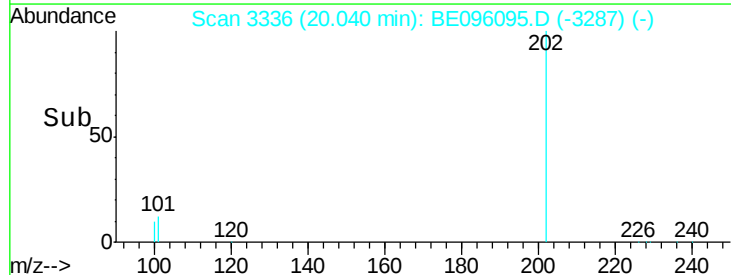
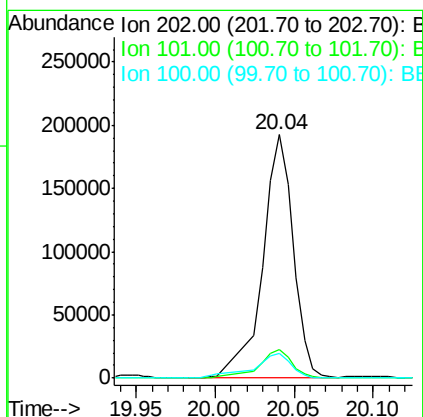
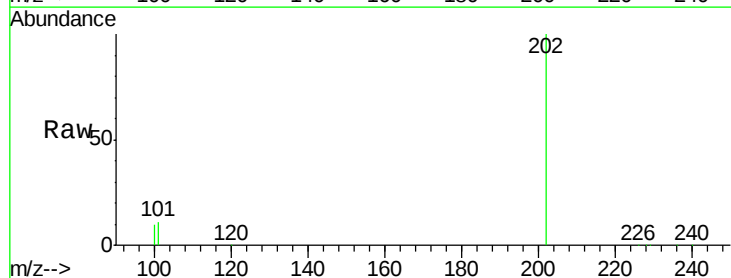
Instrument :
 BNA_E
 ClientSampleId :

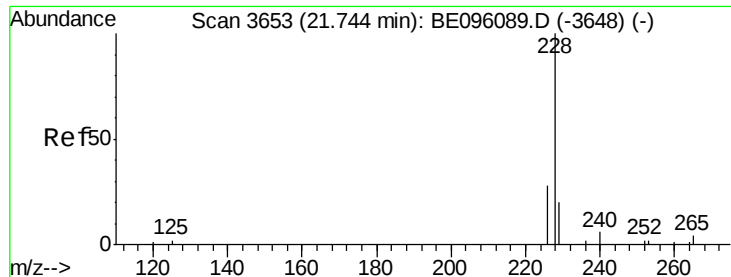
Tot Ion:166 Resp: 5570
 Ion Ratio Lower Upper
 166 100
 165 101.2 73.4 110.2
 167 15.8 14.6 22.0



#17
Pyrene
 Concen: 1333.214 ng/ul
 RT: 20.04 min Scan# 3336
 Delta R.T. 0.00 min
 Lab File: BE096095.D
 Acq: 23 Apr 2018 21:15

Tgt Ion:202 Resp: 262758
 Ion Ratio Lower Upper
 202 100
 101 11.5 18.2 27.4#
 100 10.1 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 494.847 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.06 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

Instrument :

BNA_E

ClientSampleId :

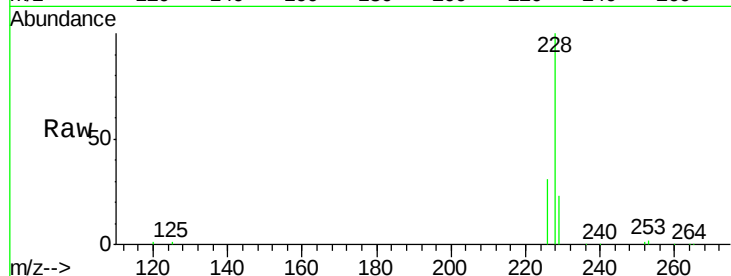
Tot Ion:228 Resp: 115952

Ion Ratio Lower Upper

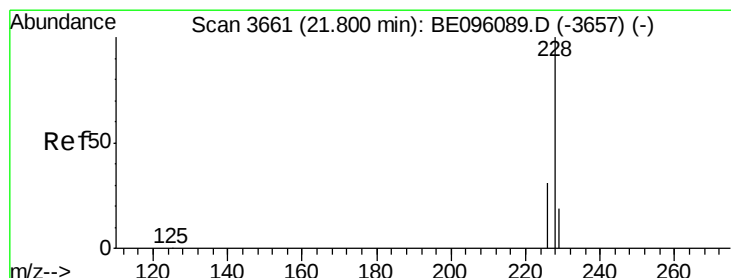
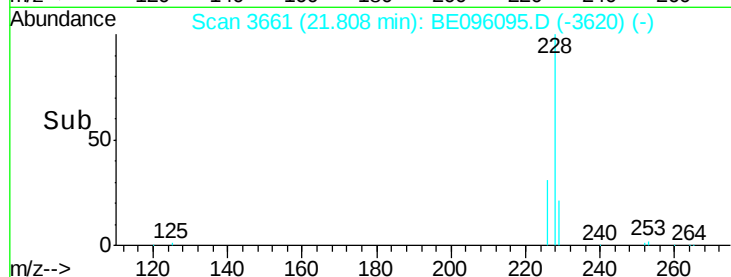
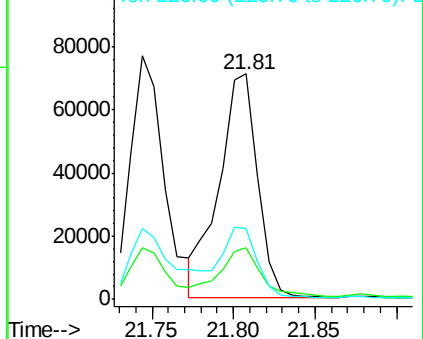
228 100

229 22.7 22.8 34.2#

226 31.4 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: 685.695 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.01 min

Lab File: BE096095.D

Acq: 23 Apr 2018 21:15

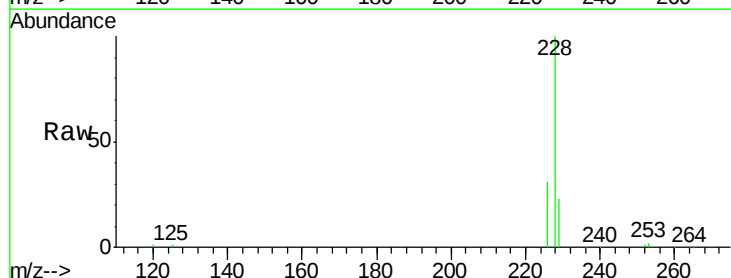
Tgt Ion:228 Resp: 115639

Ion Ratio Lower Upper

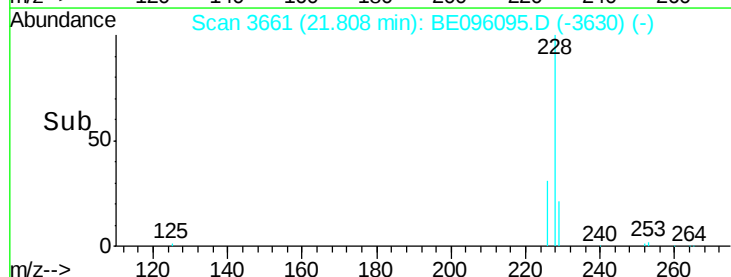
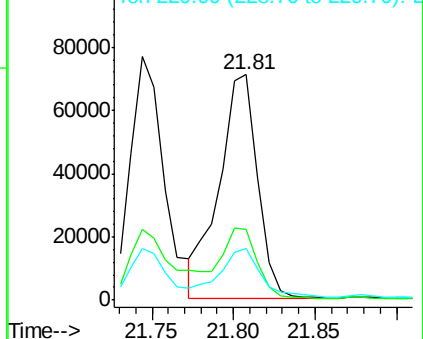
228 100

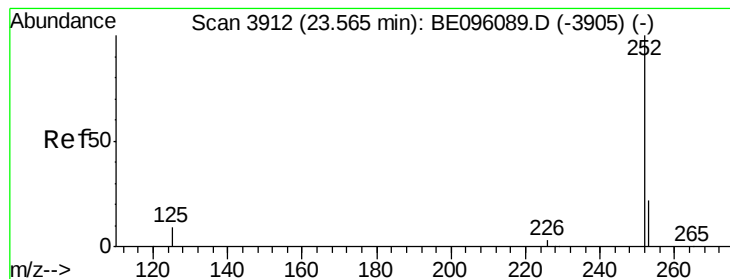
226 31.4 23.4 35.0

229 22.7 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

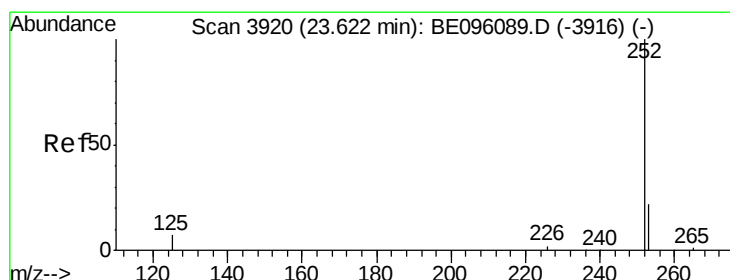
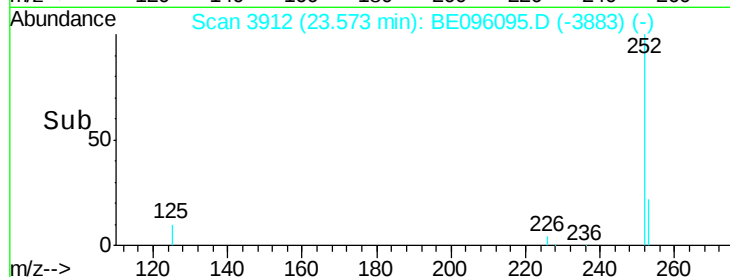
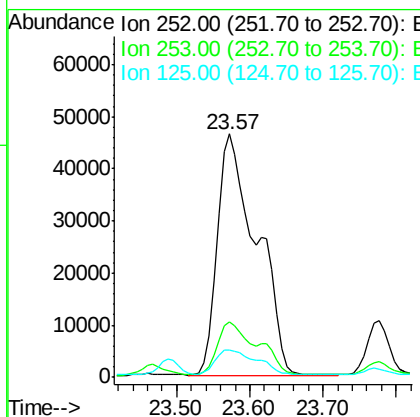
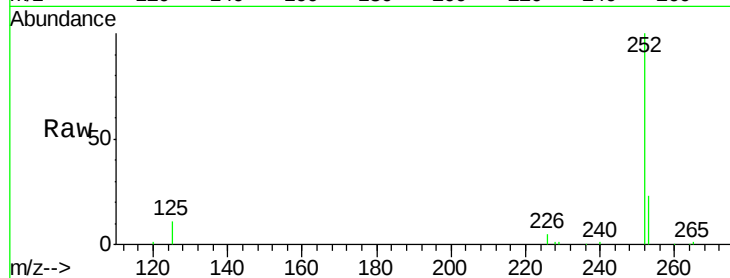




#21
Benzo(b)fluoranthene
Concen: 98.167 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

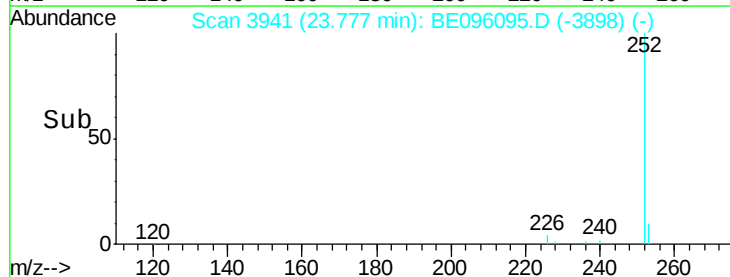
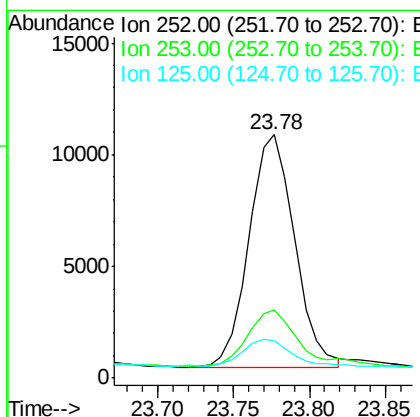
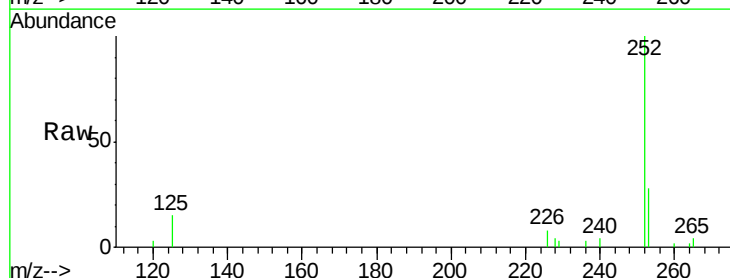
Instrument :
BNA_E
ClientSampleId :

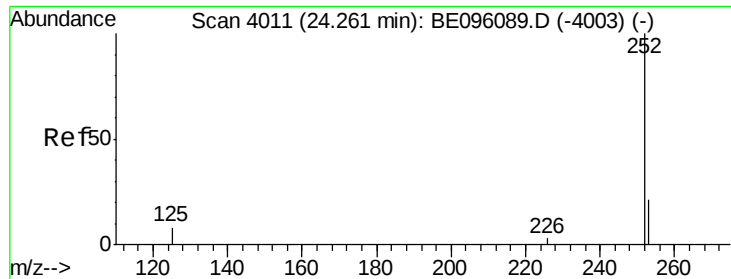
Tot Ion:252 Resp: 170264
Ion Ratio Lower Upper
252 100
253 22.9 0.0 64.2
125 11.3 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 12.621 ng/ul
RT: 23.78 min Scan# 3941
Delta R.T. 0.16 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Tgt Ion:252 Resp: 21807
Ion Ratio Lower Upper
252 100
253 27.9 24.5 36.7
125 15.4 13.7 20.5

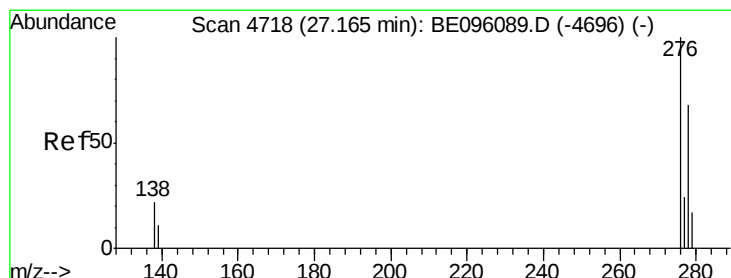
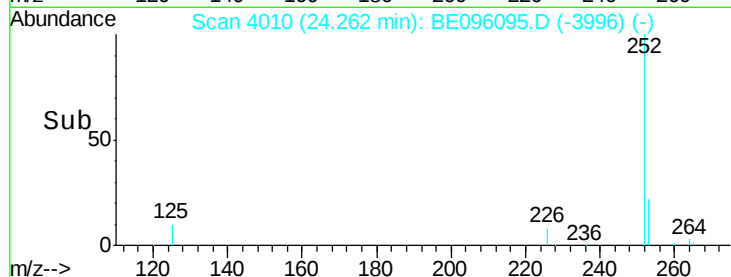
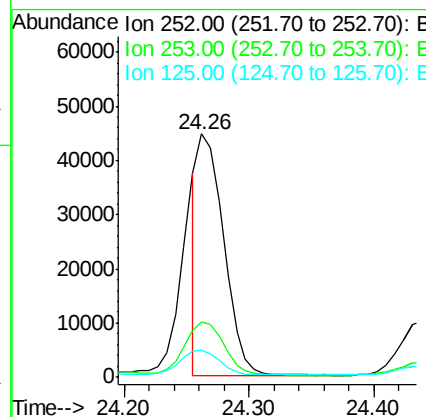
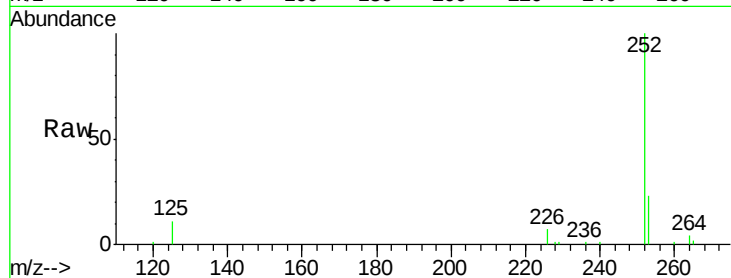




#23
Benzo(a)pyrene
Concen: 37.720 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

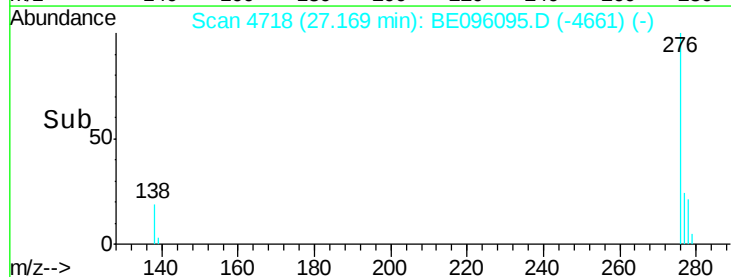
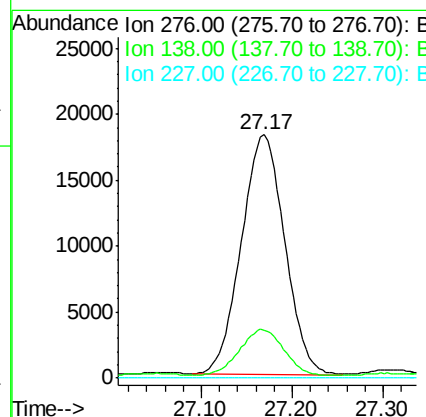
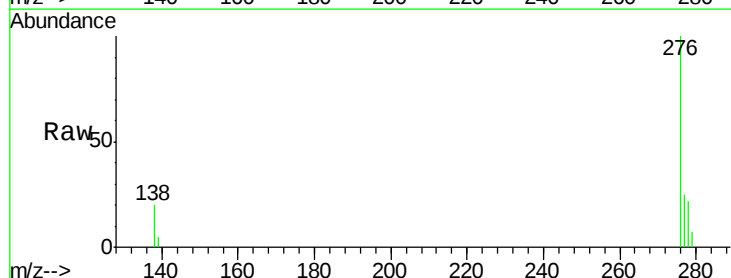
Instrument :
BNA_E
ClientSampleId :

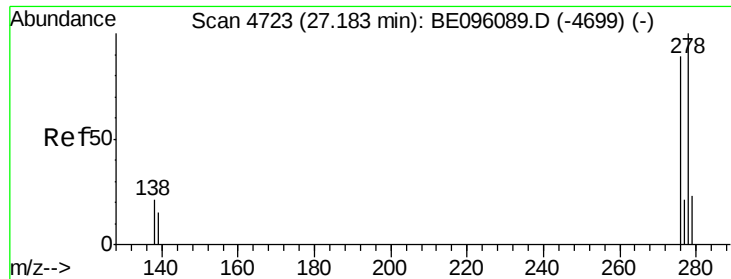
Tot Ion:252 Resp: 63131
Ion Ratio Lower Upper
252 100
253 22.8 28.5 42.7#
125 11.3 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 32.340 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Tgt Ion:276 Resp: 60154
Ion Ratio Lower Upper
276 100
138 19.9 28.0 42.0#
227 0.0 8.0 12.0#



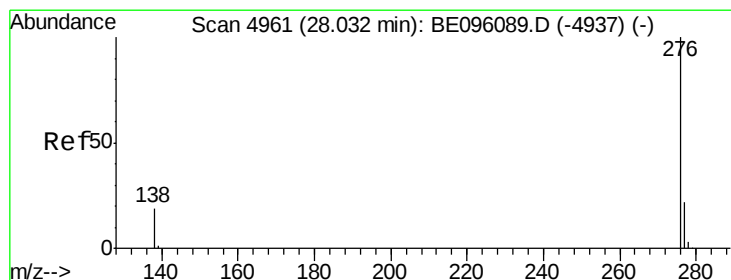
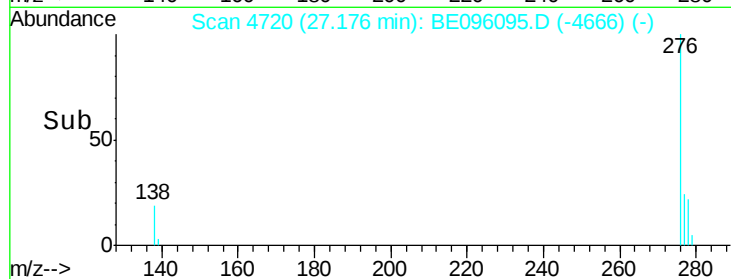
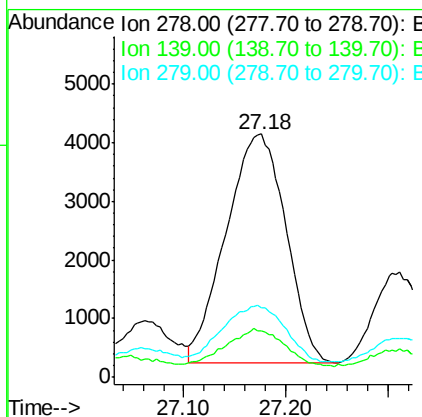
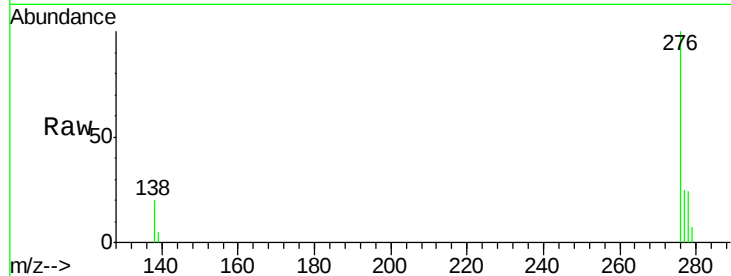


#25
Dibenzo(a,h)anthracene
Concen: 10.646 ng/u1
RT: 27.18 min Scan# 4720
Delta R.T. -0.01 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 15946

Ion	Ratio	Lower	Upper
278	100		
139	19.1	17.4	26.0
279	28.8	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 30.606 ng/u1
RT: 28.04 min Scan# 4962
Delta R.T. 0.01 min
Lab File: BE096095.D
Acq: 23 Apr 2018 21:15

Tgt Ion:276 Resp: 47551

Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.8	32.8#
277	24.2	20.5	30.7

