

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096081.D
 Acq On : 23 Apr 2018 12:48
 Operator : SJ/JU
 Sample : J2355-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 24 05:22:11 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 05:21:12 2018
 Response via : Initial Calibration

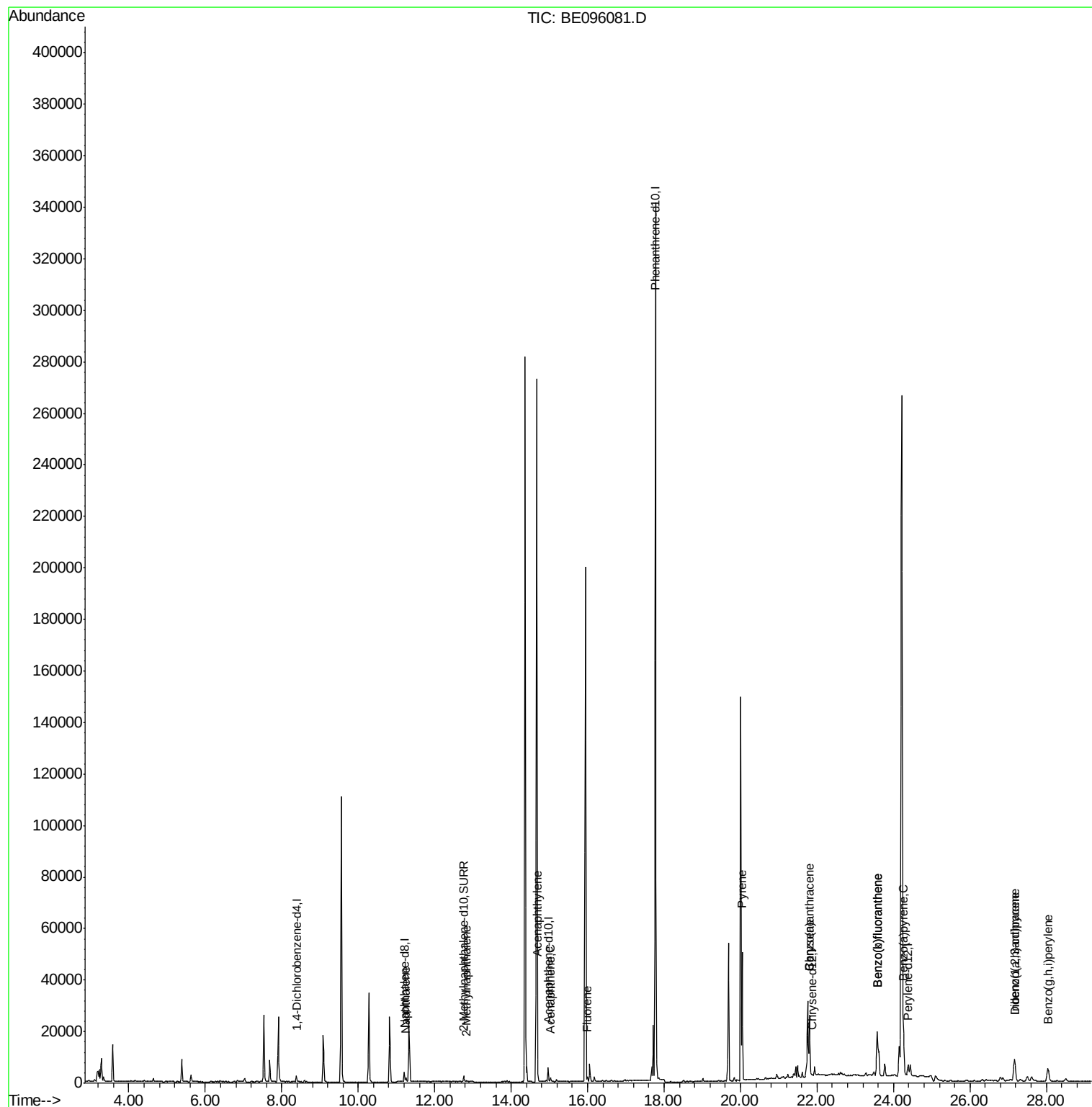
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1852	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5346	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	401037	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	39	0.40	ng/ul	0.11
20) Perylene-d12	24.38	264	7794	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2651	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	1702	0.114	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	424	0.042	ng/ul	99
7) Acenaphthylene	14.70	152	2452	0.156	ng/ul	95
8) Acenaphthene	15.03	153	859	0.076	ng/ul#	94
9) Fluorene	15.99	166	1153	0.090	ng/ul	91
17) Pyrene	20.04	202	58409	440.745	ng/ul#	79
18) Benzo(a)anthracene	21.81	228	25938	164.624	ng/ul#	87
19) Chrysene	21.81	228	25915	228.529	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	44922	1.781	ng/ul	87
22) Benzo(k)fluoranthene	23.57	252	44922	1.788	ng/ul#	89
23) Benzo(a)pyrene	24.26	252	26316	1.081	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.17	276	16879	0.624	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	4297	0.197	ng/ul	95
26) Benzo(g,h,i)perylene	28.04	276	13056	0.578	ng/ul	95

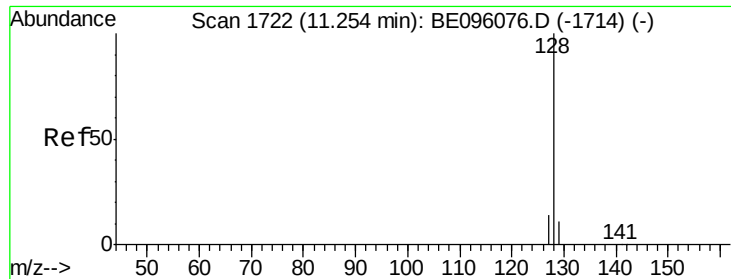
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.114 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

ClientSampleId :

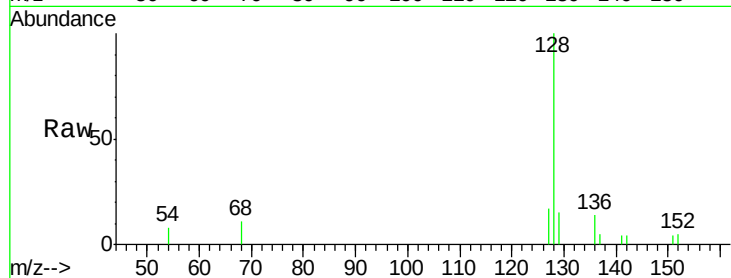
Tot Ion:128 Resp: 1702

Ion Ratio Lower Upper

128 100

129 15.3 11.3 16.9

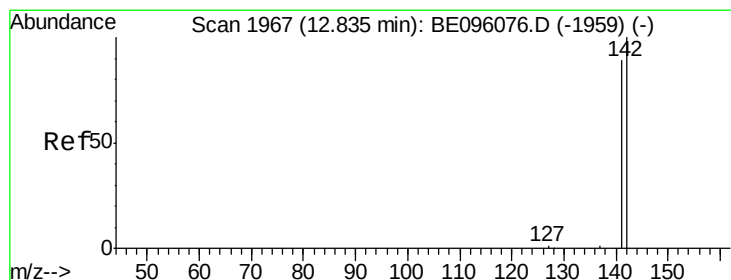
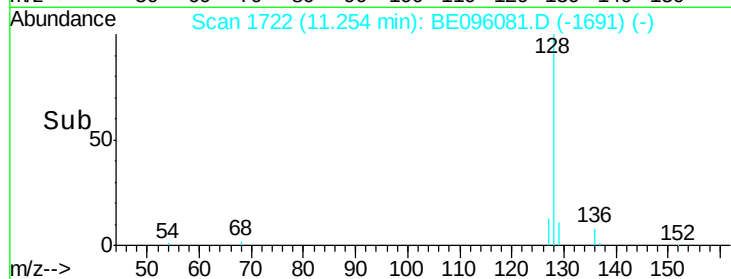
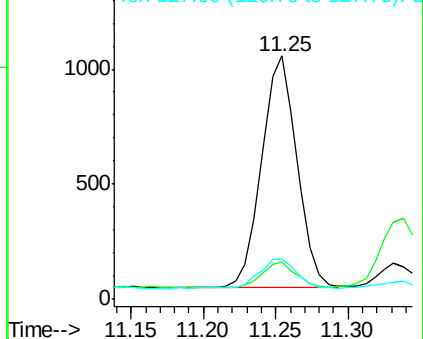
127 16.6 4.0 6.0#



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: 0.042 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BE096081.D

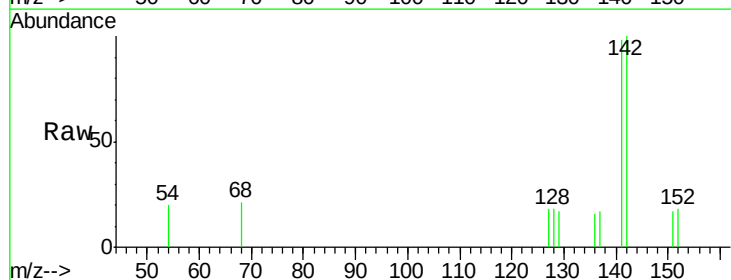
Acq: 23 Apr 2018 12:48

Tgt Ion:142 Resp: 424

Ion Ratio Lower Upper

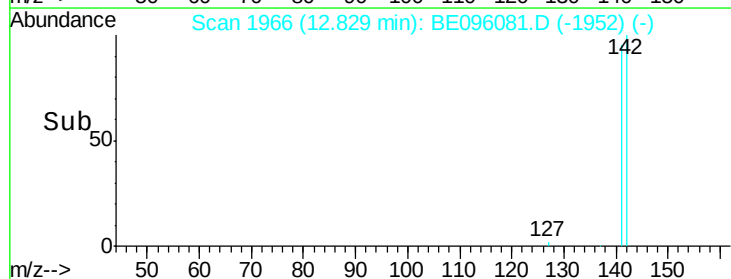
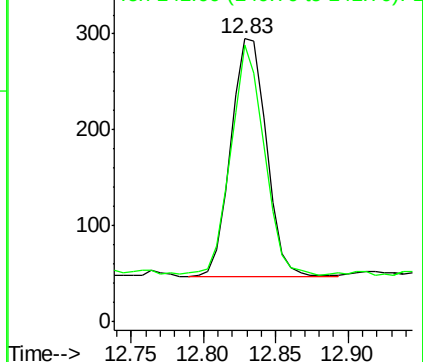
142 100

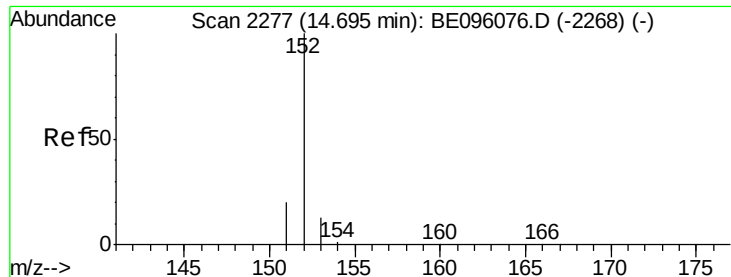
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.156 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

ClientSampleId :

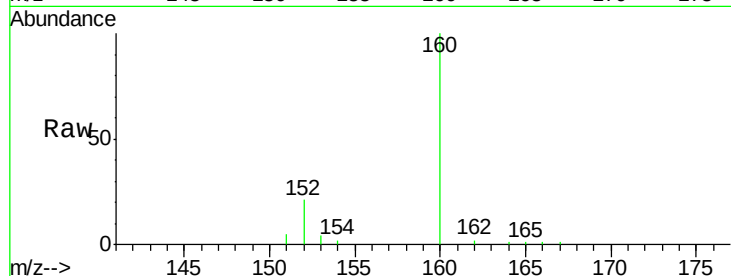
Tot Ion:152 Resp: 2452

Ion Ratio Lower Upper

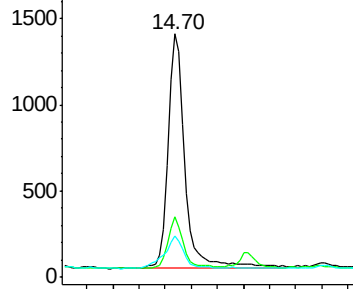
152 100

151 24.7 17.1 25.7

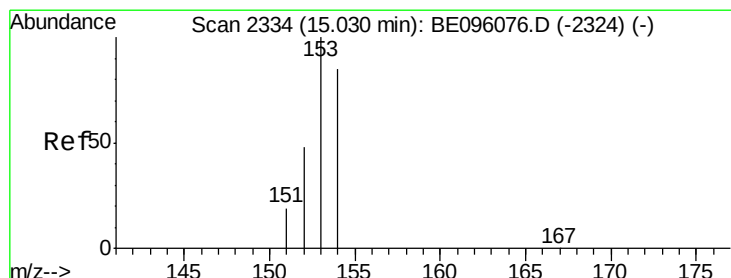
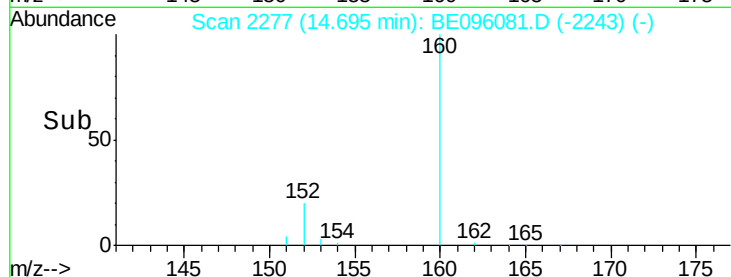
153 17.2 12.8 19.2



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



Time-->



#8

Acenaphthene

Concen: 0.076 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

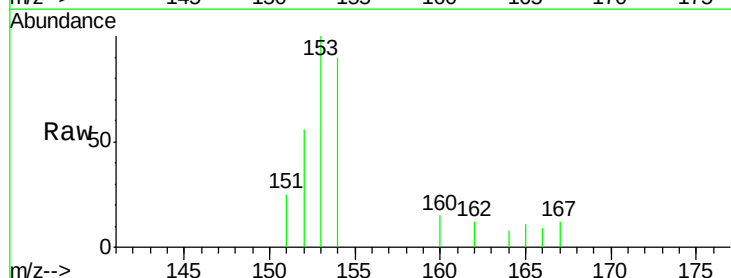
Tgt Ion:153 Resp: 859

Ion Ratio Lower Upper

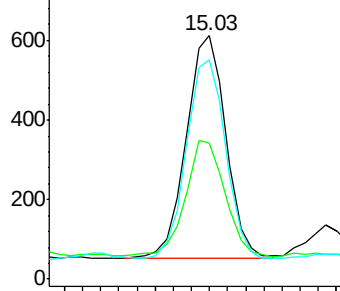
153 100

152 56.0 36.0 54.0#

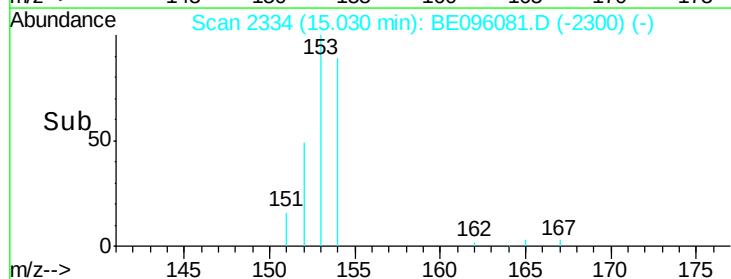
154 89.9 72.0 108.0

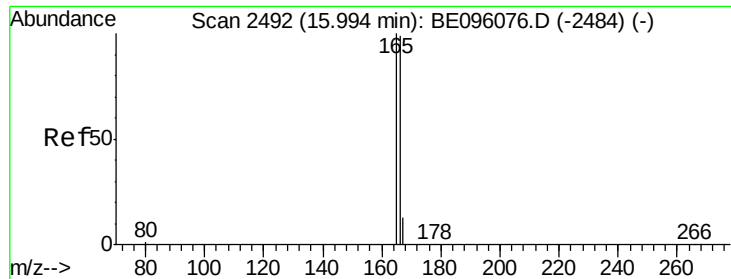


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

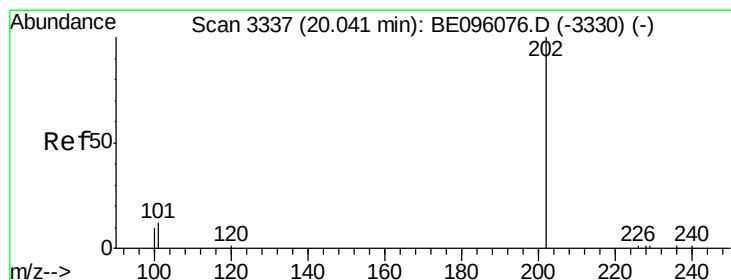
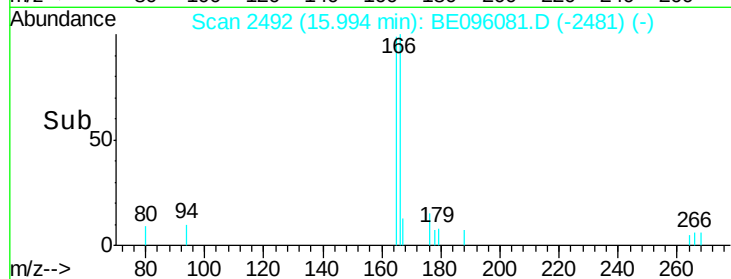
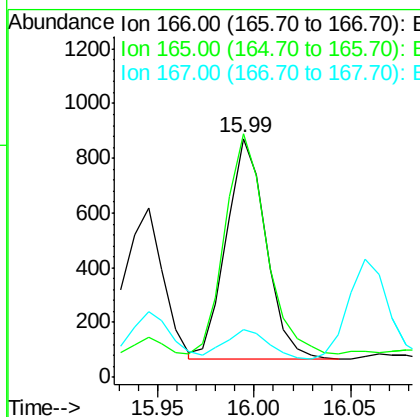
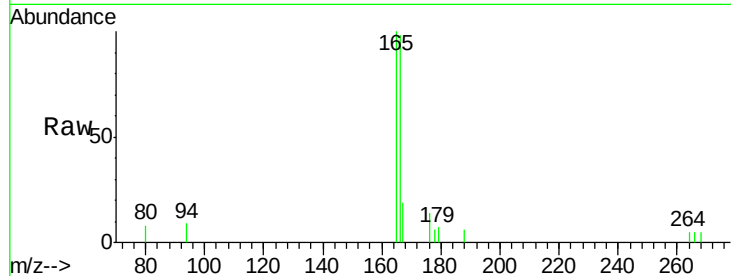




#9
Fluorene
 Concen: 0.090 ng/ul
 RT: 15.99 min Scan# 2492
 Delta R.T. 0.00 min
 Lab File: BE096081.D
 Acq: 23 Apr 2018 12:48

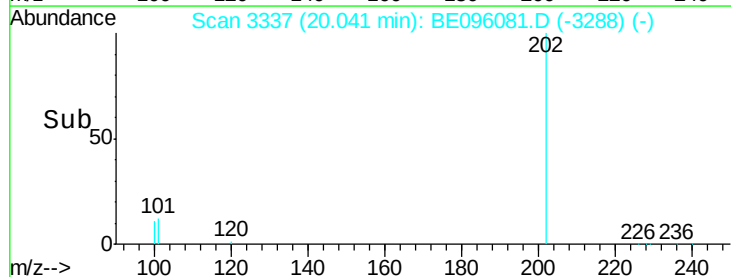
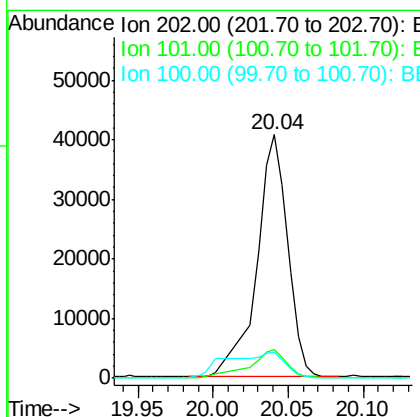
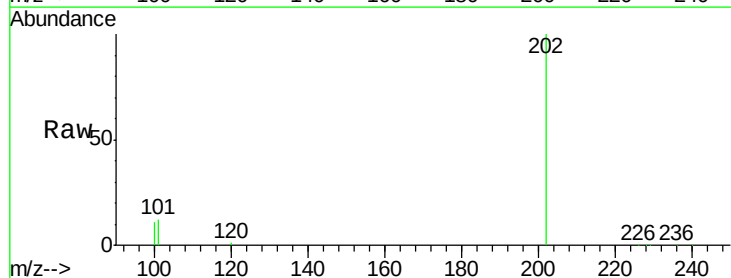
Instrument :
 BNA_E
 ClientSampleId :

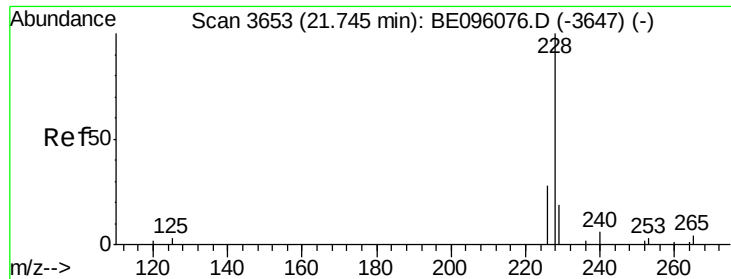
Tot Ion:166 Resp: 1153
 Ion Ratio Lower Upper
 166 100
 165 101.9 73.4 110.2
 167 19.8 14.6 22.0



#17
Pyrene
 Concen: 440.745 ng/ul
 RT: 20.04 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: BE096081.D
 Acq: 23 Apr 2018 12:48

Tgt Ion:202 Resp: 58409
 Ion Ratio Lower Upper
 202 100
 101 11.8 18.2 27.4#
 100 10.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 164.624 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.06 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

ClientSampleId :

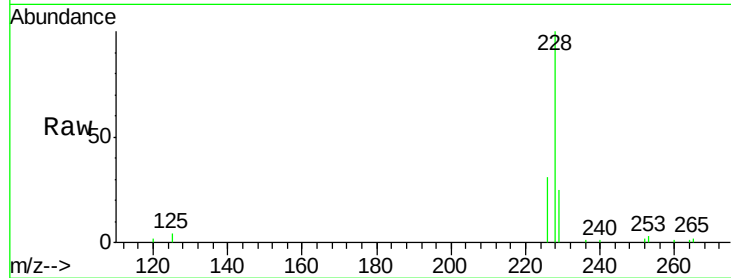
Tot Ion:228 Resp: 25938

Ion Ratio Lower Upper

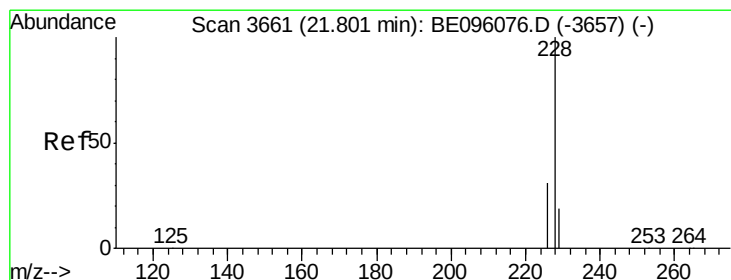
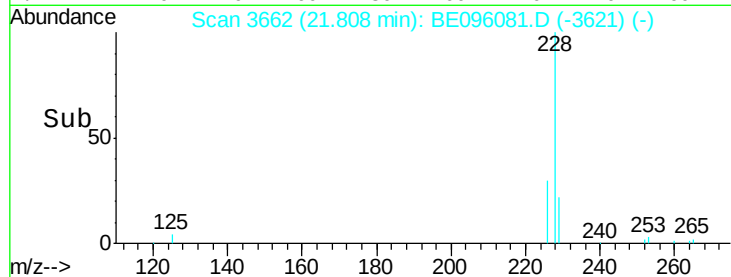
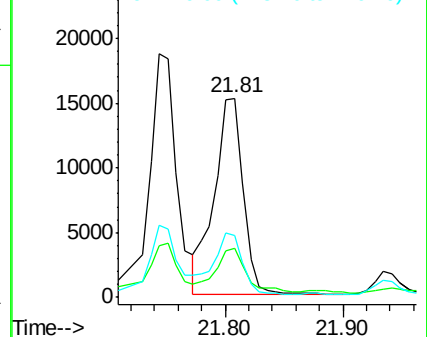
228 100

229 24.6 22.8 34.2

226 31.3 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: 228.529 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.01 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

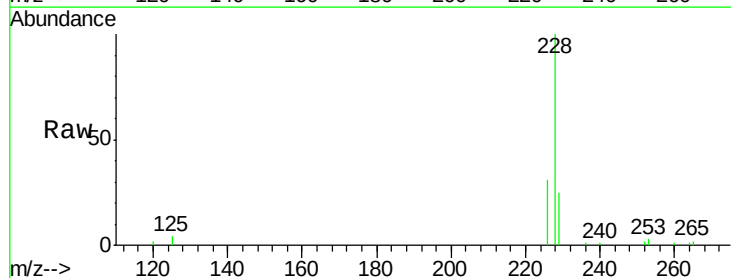
Tgt Ion:228 Resp: 25915

Ion Ratio Lower Upper

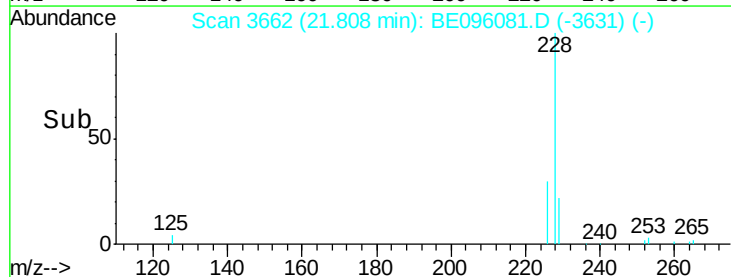
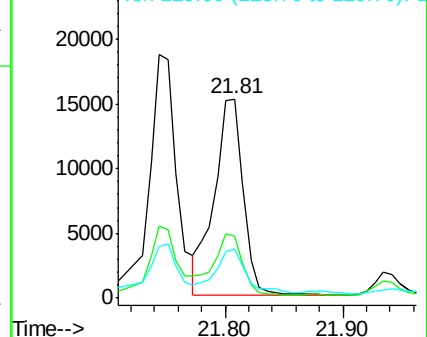
228 100

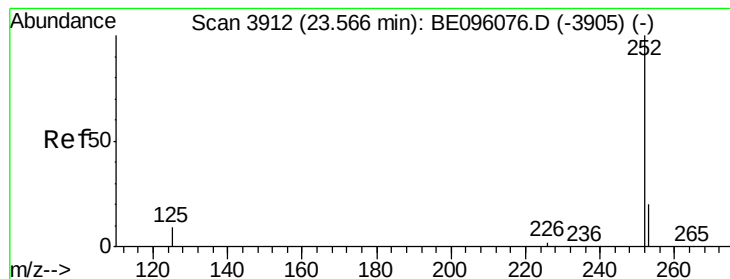
226 31.3 23.4 35.0

229 24.6 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: 1.781 ng/ul

RT: 23.57 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

Instrument :

BNA_E

ClientSampleId :

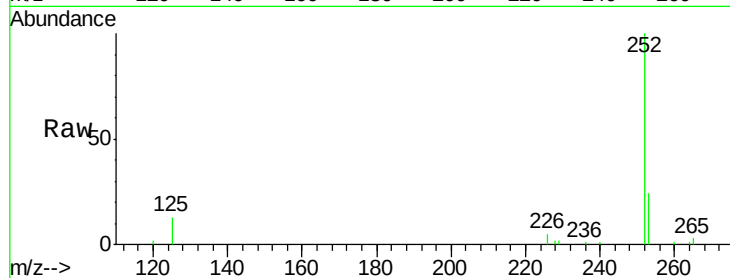
Tot Ion:252 Resp: 44922

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

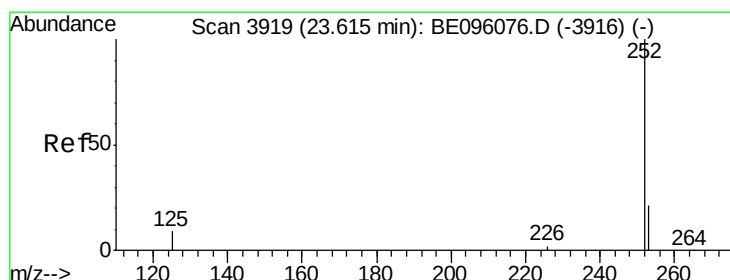
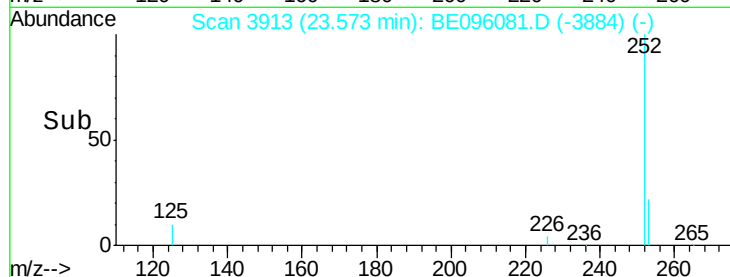
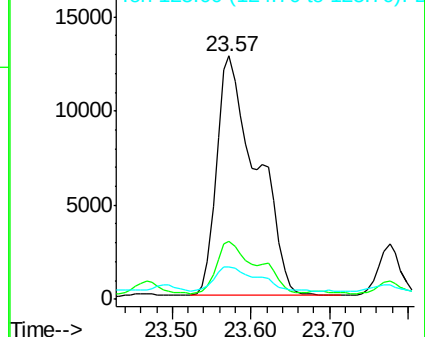
125 13.2 0.0 35.0



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: 1.788 ng/ul

RT: 23.57 min Scan# 3913

Delta R.T. -0.04 min

Lab File: BE096081.D

Acq: 23 Apr 2018 12:48

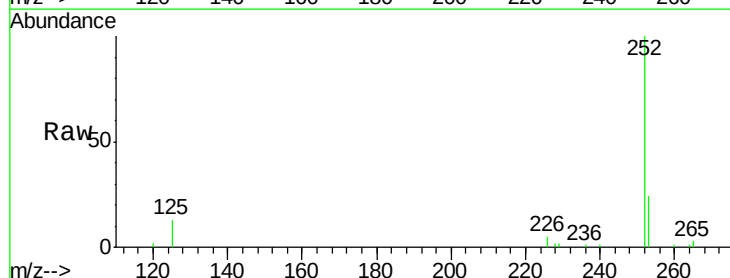
Tgt Ion:252 Resp: 44922

Ion Ratio Lower Upper

252 100

253 24.0 24.5 36.7#

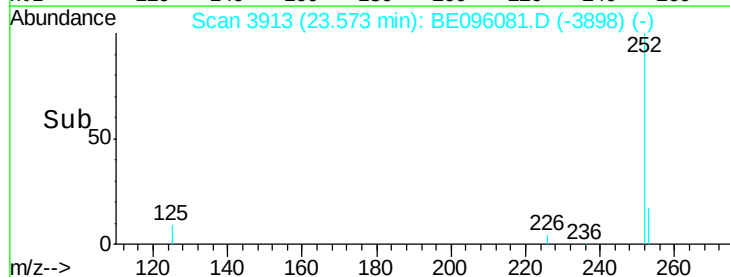
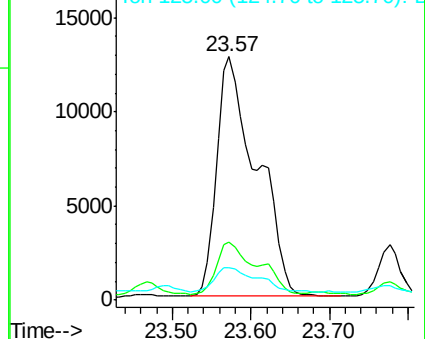
125 13.2 13.7 20.5#

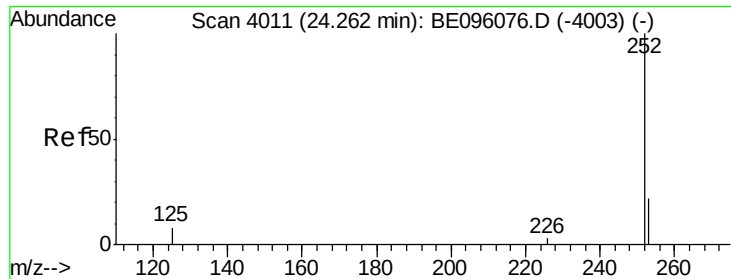


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

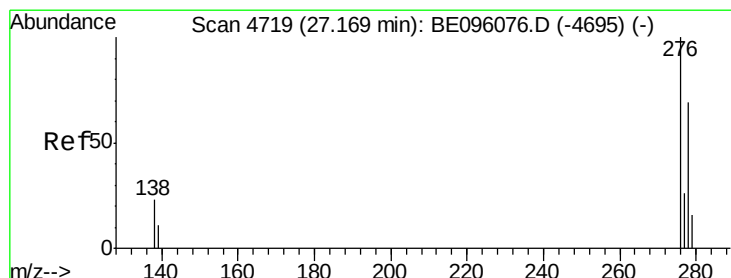
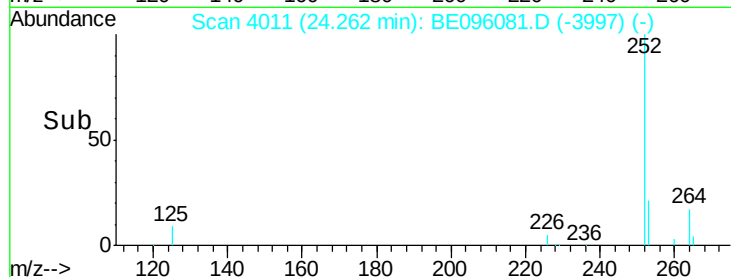
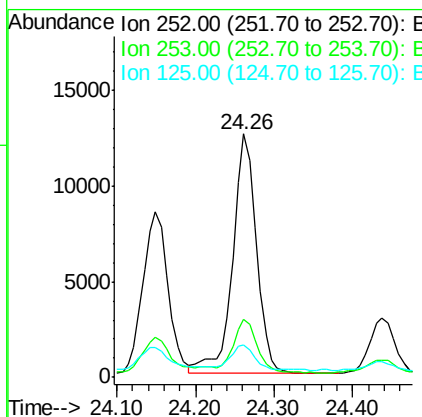
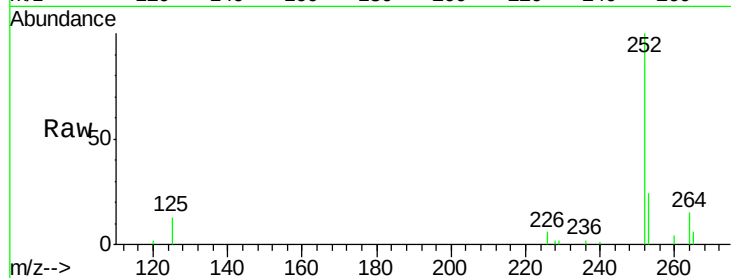




#23
Benzo(a)pyrene
Concen: 1.081 ng/ul
RT: 24.26 min Scan# 4011
Delta R.T. -0.00 min
Lab File: BE096081.D
Acq: 23 Apr 2018 12:48

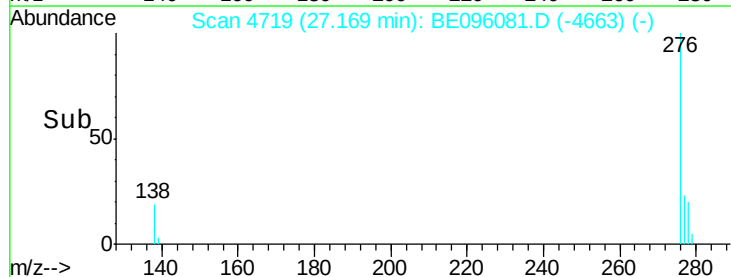
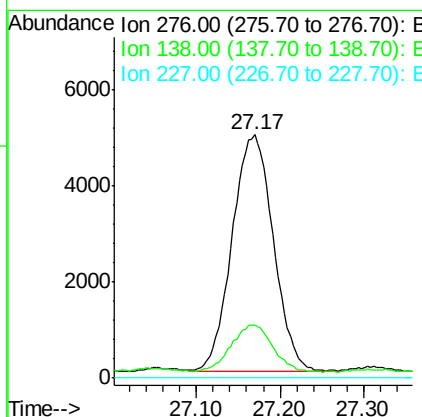
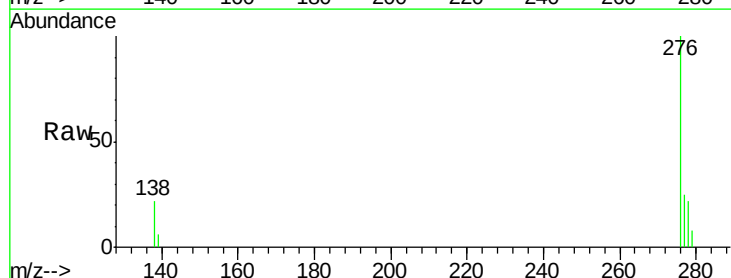
Instrument :
BNA_E
ClientSampleId :

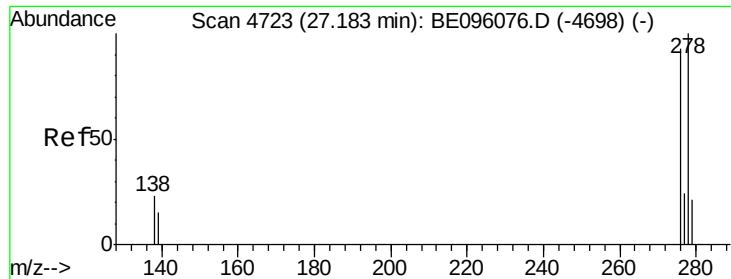
Tot Ion:252 Resp: 26316
Ion Ratio Lower Upper
252 100
253 23.9 28.5 42.7#
125 13.4 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.624 ng/ul
RT: 27.17 min Scan# 4719
Delta R.T. 0.00 min
Lab File: BE096081.D
Acq: 23 Apr 2018 12:48

Tgt Ion:276 Resp: 16879
Ion Ratio Lower Upper
276 100
138 20.1 28.0 42.0#
227 0.0 8.0 12.0#

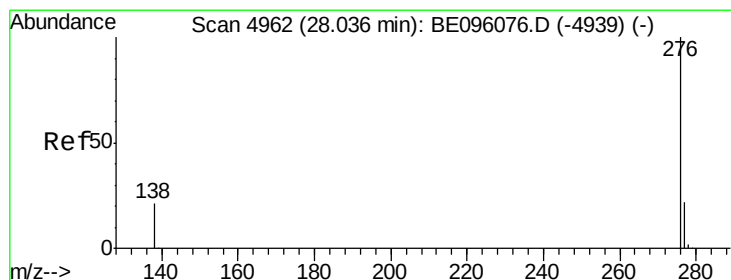
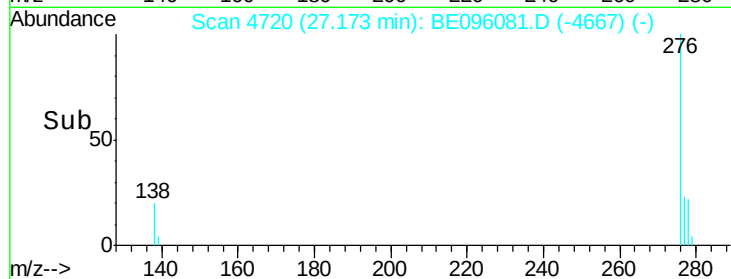
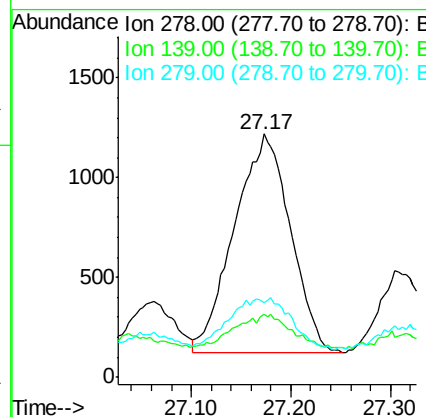
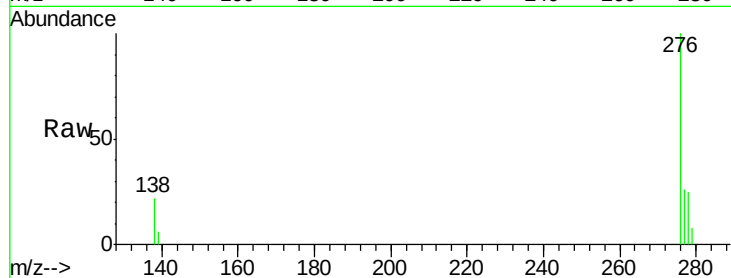




#25
Dibenzo(a,h)anthracene
Concen: 0.197 ng/ul
RT: 27.17 min Scan# 4720
Delta R.T. -0.01 min
Lab File: BE096081.D
Acq: 23 Apr 2018 12:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 4297
Ion Ratio Lower Upper
278 100
139 25.8 17.4 26.0
279 30.6 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.578 ng/ul
RT: 28.04 min Scan# 4962
Delta R.T. 0.00 min
Lab File: BE096081.D
Acq: 23 Apr 2018 12:48

Tgt Ion:276 Resp: 13056
Ion Ratio Lower Upper
276 100
138 22.8 21.8 32.8
277 25.9 20.5 30.7

