

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096071.D
 Acq On : 21 Apr 2018 9:33
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2

Quant Time: Apr 23 01:10:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

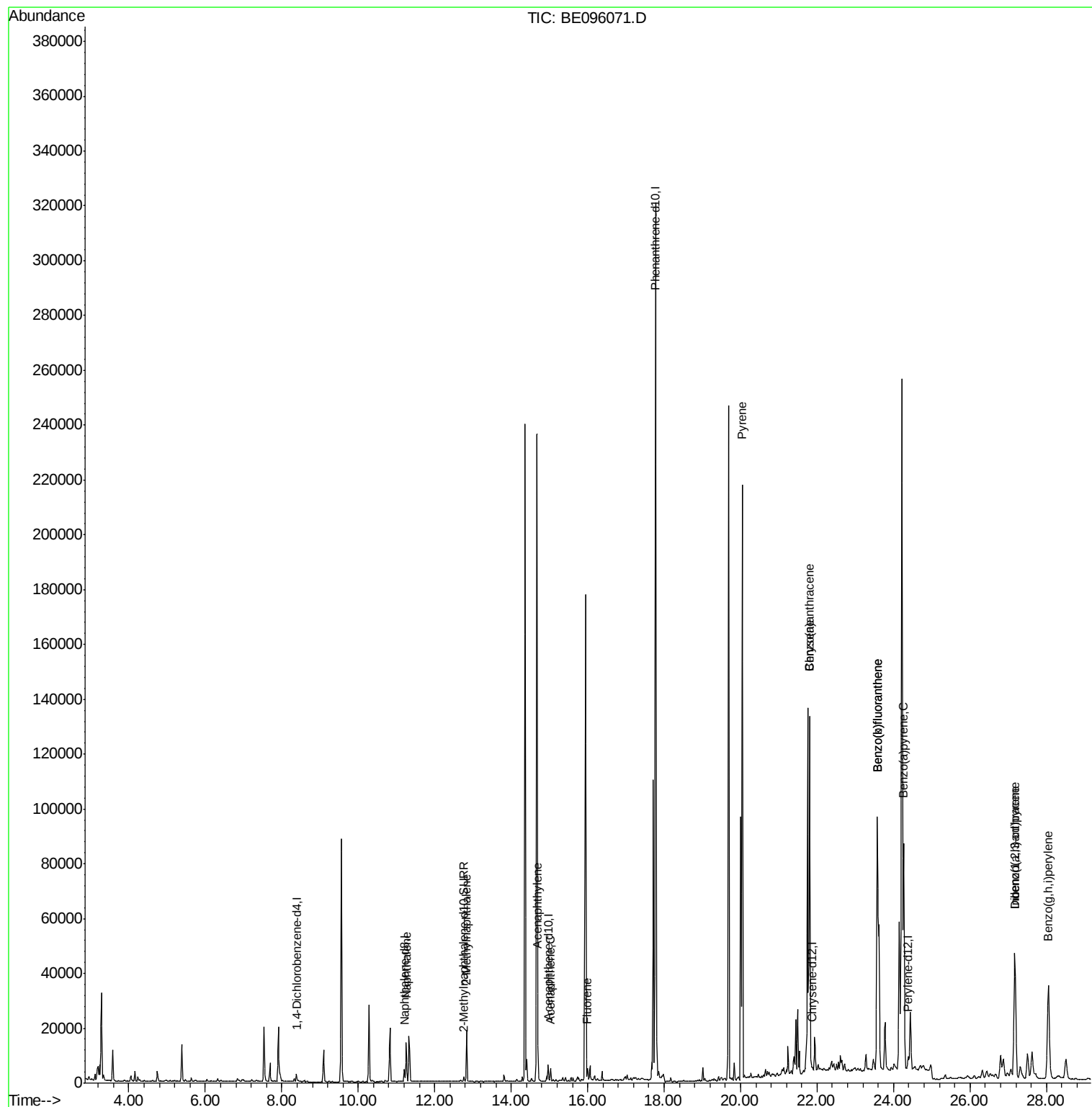
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2067	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5826	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3481	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	363698	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	48	0.40	ng/ul	0.11
20) Perylene-d12	24.38	264	6630	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2225	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.25	128	19071	1.172	ng/ul#	88
5) 2-Methylnaphthalene	12.83	142	15031	1.363	ng/ul	100
7) Acenaphthylene	14.70	152	8719	0.483	ng/ul	99
8) Acenaphthene	15.03	153	2625	0.203	ng/ul	89
9) Fluorene	16.00	166	3117	0.213	ng/ul	88
17) Pyrene	20.05	202	267252	1638.520	ng/ul#	77
18) Benzo(a)anthracene	21.81	228	134755	694.903	ng/ul#	85
19) Chrysene	21.81	228	134755	965.513	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	248475	11.582	ng/ul	84
22) Benzo(k)fluoranthene	23.57	252	248475	11.626	ng/ul#	86
23) Benzo(a)pyrene	24.27	252	124276	6.003	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.18	276	87044	3.783	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	22943	1.238	ng/ul	95
26) Benzo(g,h,i)perylene	28.05	276	83446	4.342	ng/ul#	92

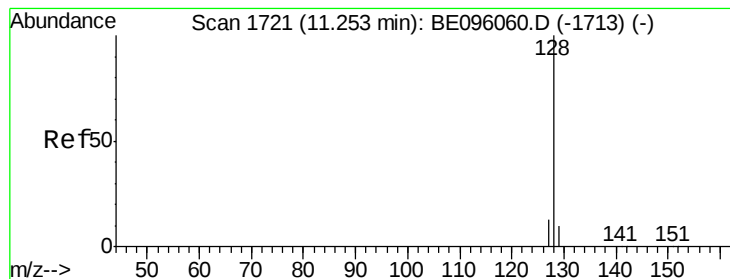
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.172 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

ClientSampleId :

C0AC2

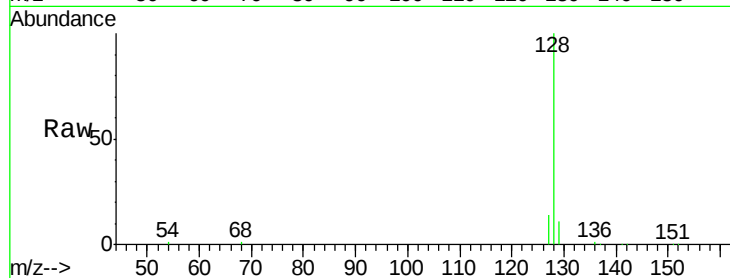
Tot Ion:128 Resp: 19071

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

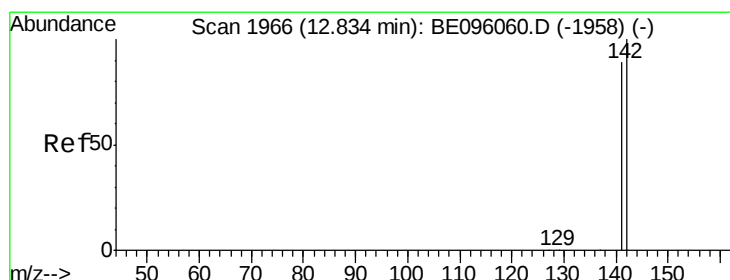
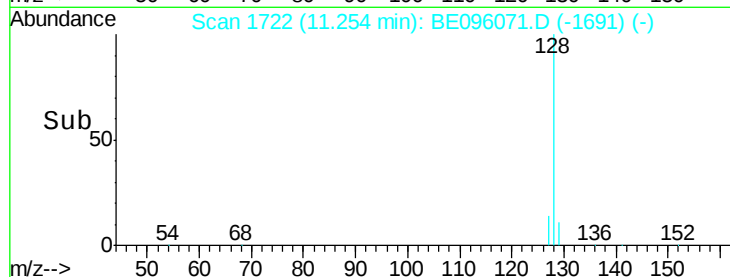
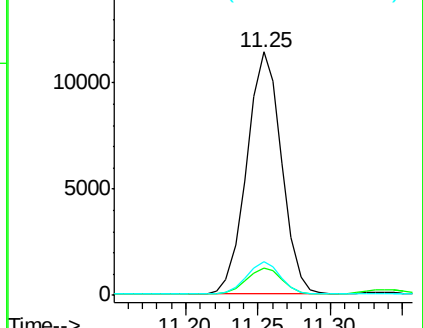
127 13.8 4.0 6.0#



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: 1.363 ng/ul

RT: 12.83 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE096071.D

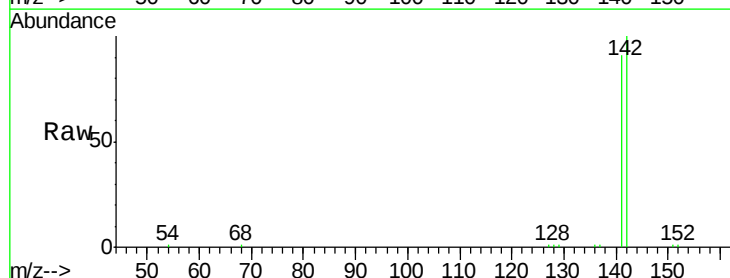
Acq: 21 Apr 2018 9:33

Tgt Ion:142 Resp: 15031

Ion Ratio Lower Upper

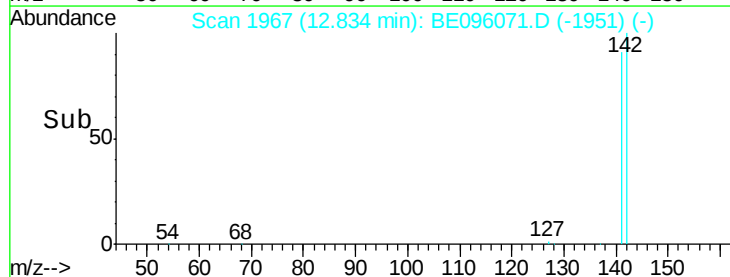
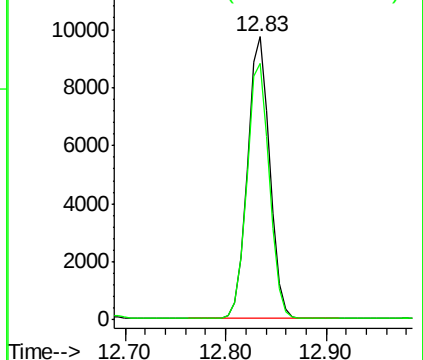
142 100

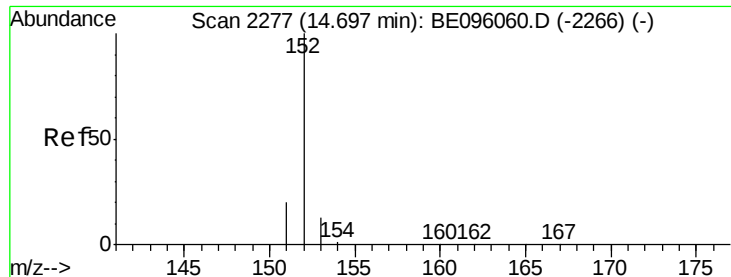
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.483 ng/ul

RT: 14.70 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

ClientSampleId :

C0AC2

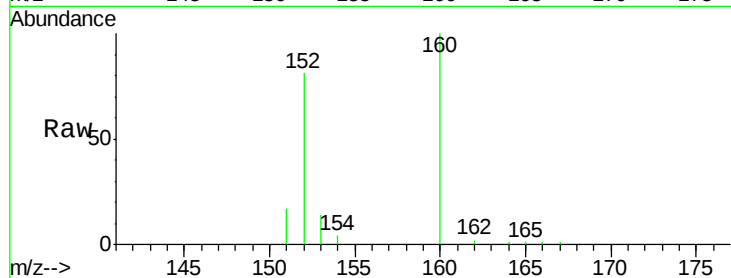
Tot Ion:152 Resp: 8719

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

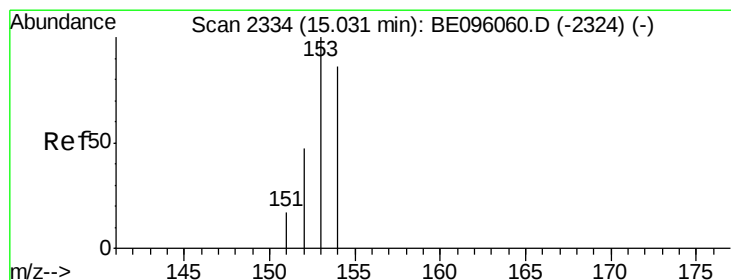
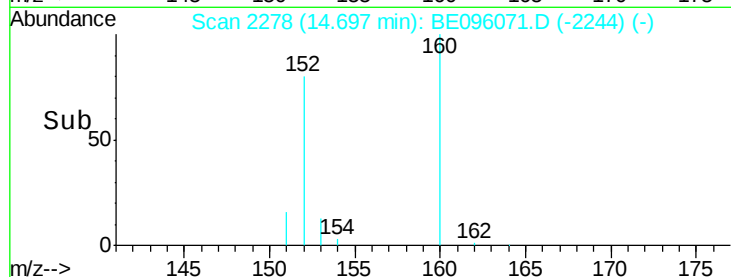
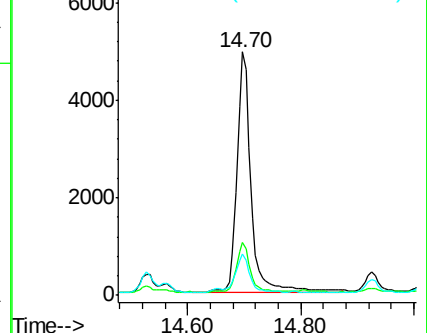
153 16.9 12.8 19.2



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: 0.203 ng/ul

RT: 15.03 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

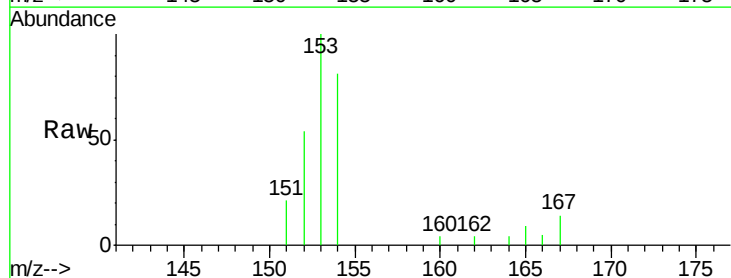
Tgt Ion:153 Resp: 2625

Ion Ratio Lower Upper

153 100

152 53.6 36.0 54.0

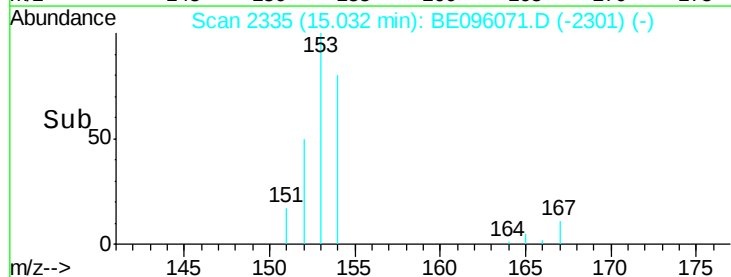
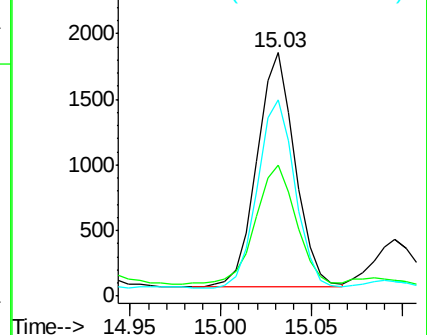
154 80.8 72.0 108.0

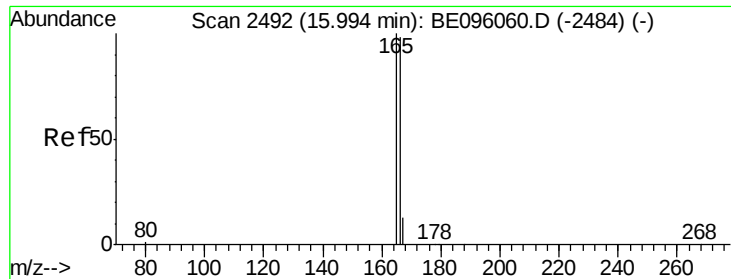


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.213 ng/ul

RT: 16.00 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

ClientSampleId :

C0AC2

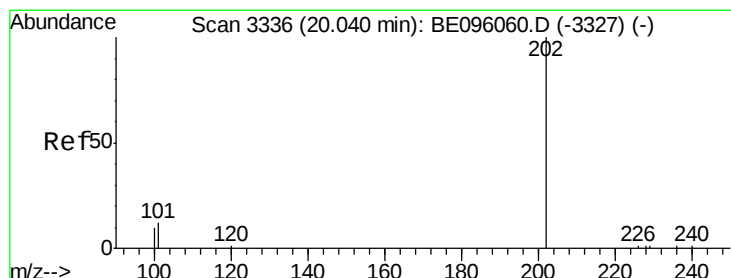
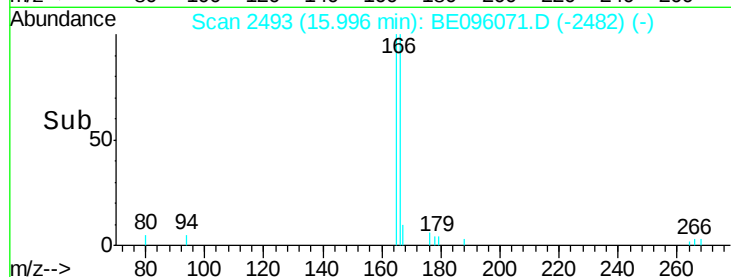
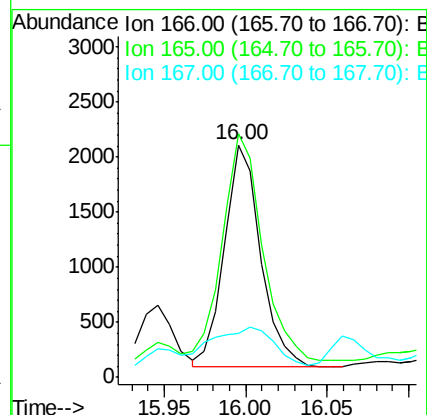
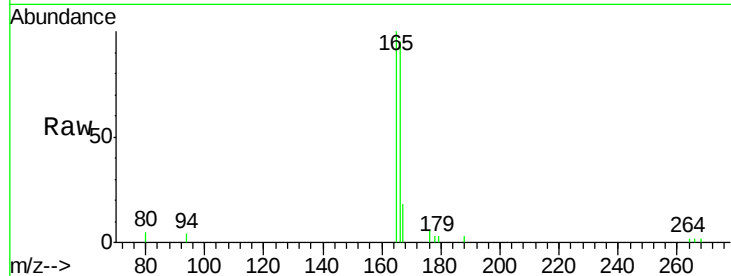
Tot Ion:166 Resp: 3117

Ion Ratio Lower Upper

166 100

165 104.9 73.4 110.2

167 19.1 14.6 22.0



#17

Pyrene

Concen: 1638.520 ng/ul

RT: 20.05 min Scan# 3338

Delta R.T. 0.01 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

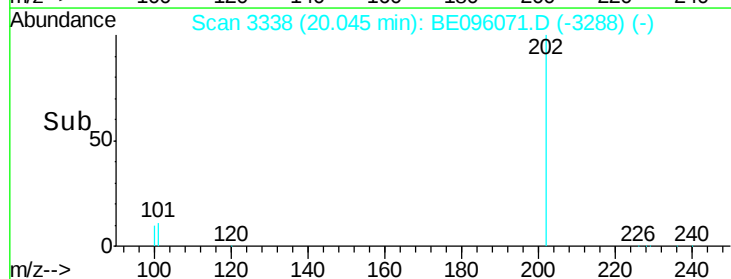
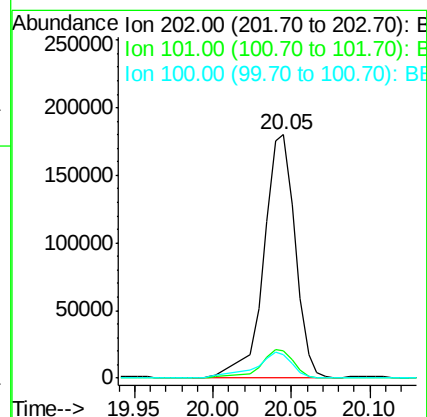
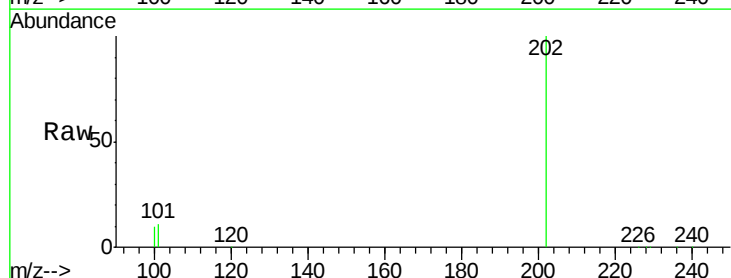
Tgt Ion:202 Resp: 267252

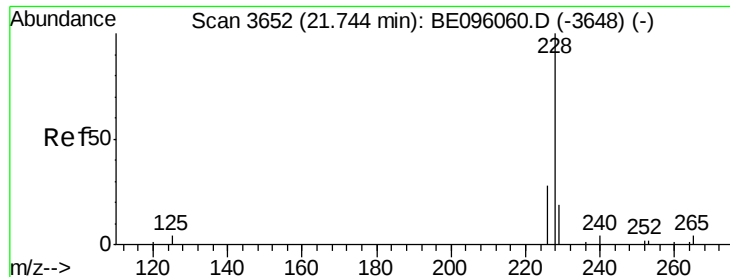
Ion Ratio Lower Upper

202 100

101 11.0 18.2 27.4#

100 9.7 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 694.903 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.06 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

ClientSampleId :

C0AC2

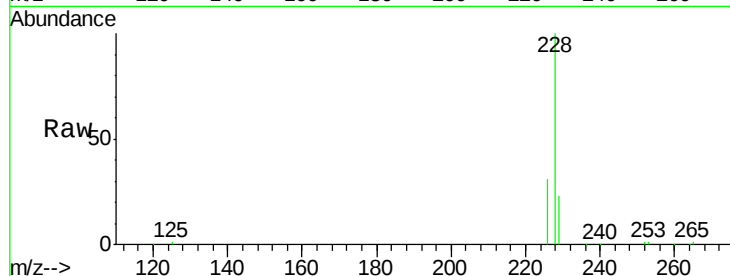
Tot Ion:228 Resp: 134755

Ion Ratio Lower Upper

228 100

229 22.7 22.8 34.2#

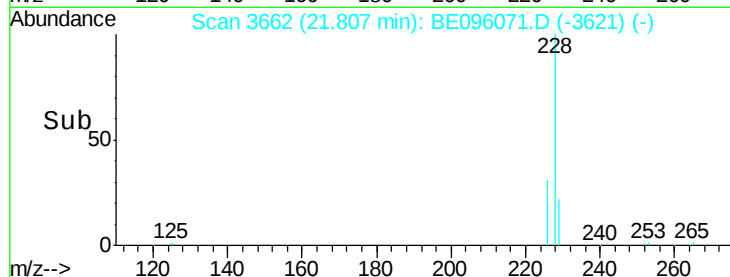
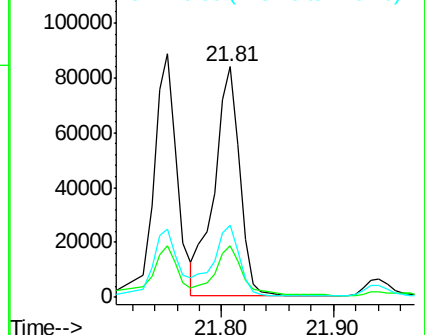
226 31.2 17.0 25.6#



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: 965.513 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

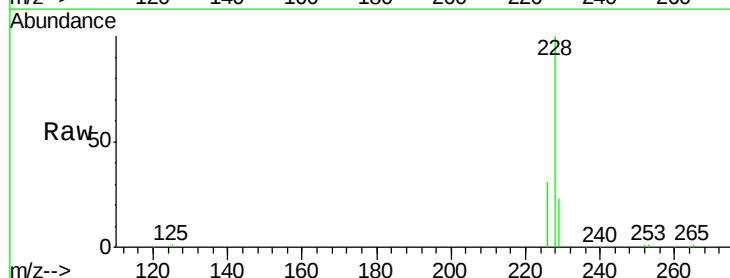
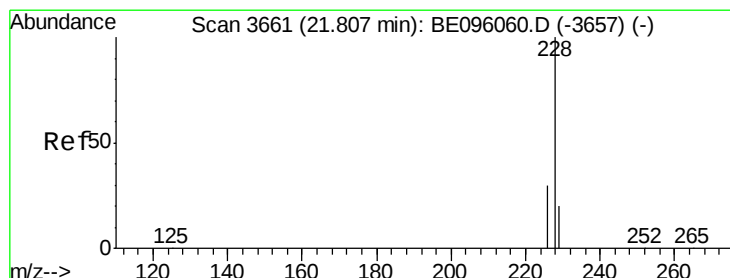
Tgt Ion:228 Resp: 134755

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

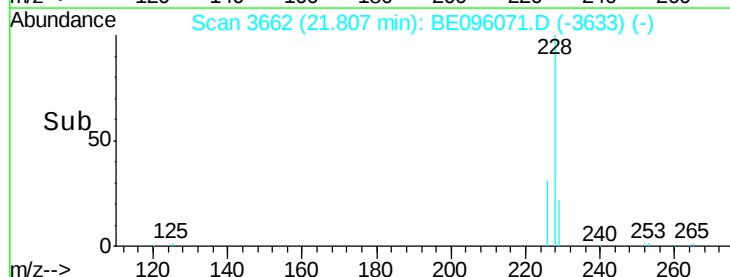
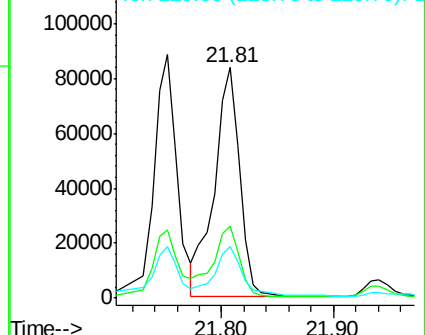
229 22.7 17.7 26.5

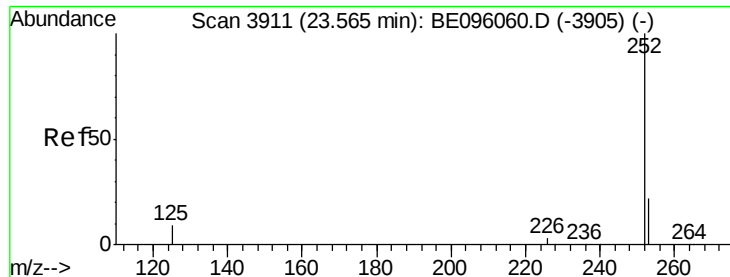


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 11.582 ng/ul

RT: 23.57 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

Instrument :

BNA_E

ClientSampleId :

C0AC2

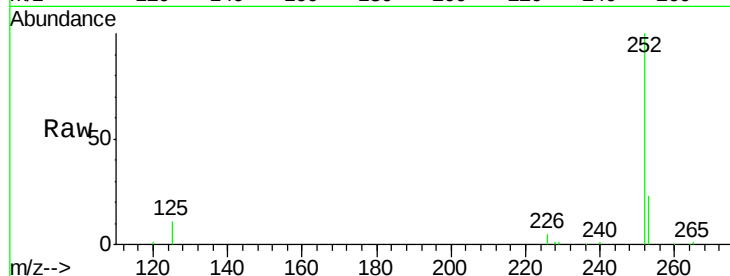
Tot Ion:252 Resp: 248475

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

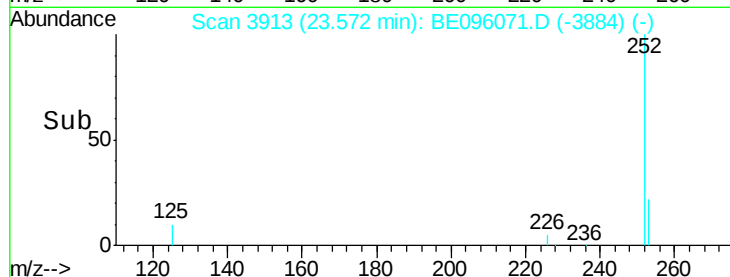
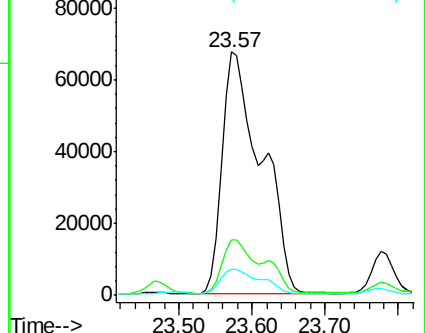
125 10.8 0.0 35.0



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: 11.626 ng/ul

RT: 23.57 min Scan# 3913

Delta R.T. -0.05 min

Lab File: BE096071.D

Acq: 21 Apr 2018 9:33

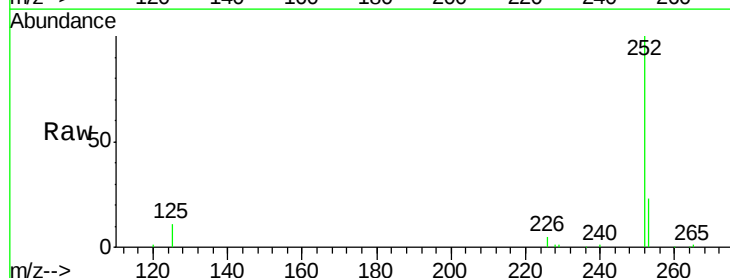
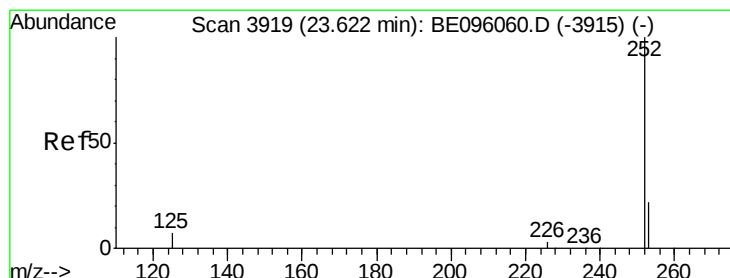
Tgt Ion:252 Resp: 248475

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

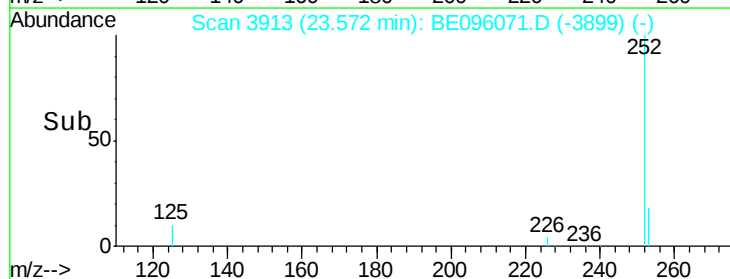
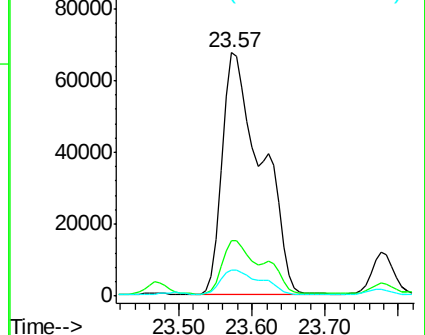
125 10.8 13.7 20.5#

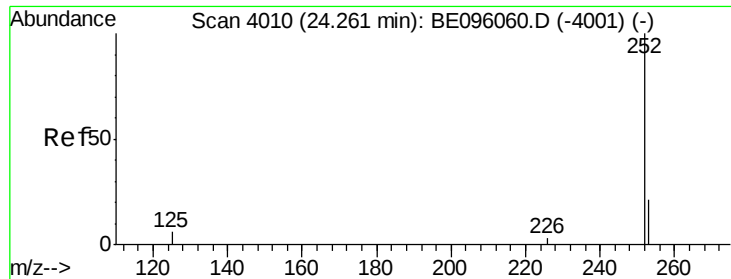


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

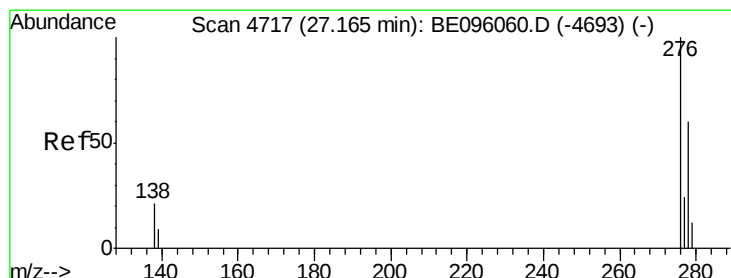
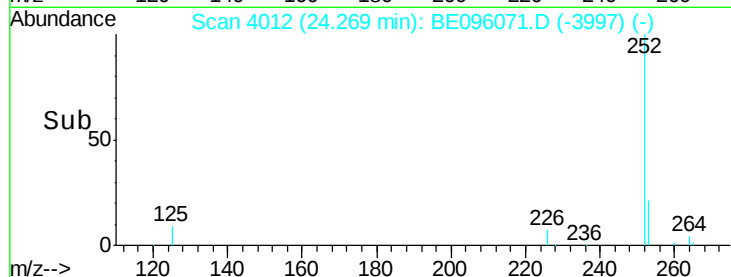
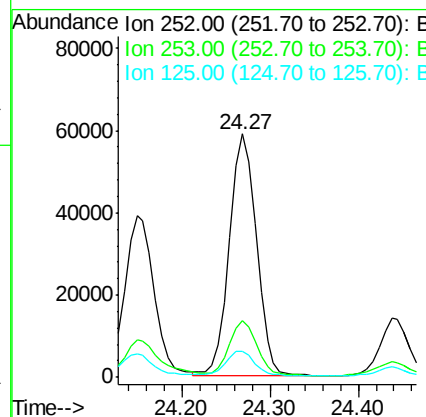
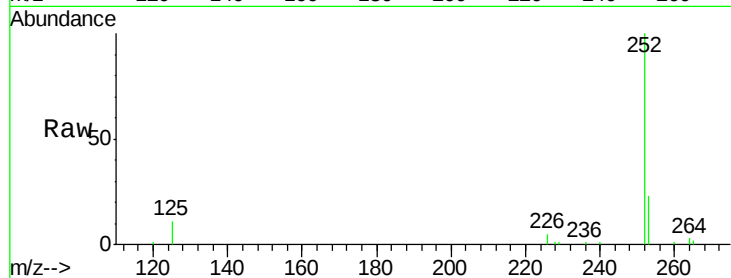




#23
Benzo(a)pyrene
Concen: 6.003 ng/ul
RT: 24.27 min Scan# 4012
Delta R.T. 0.01 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

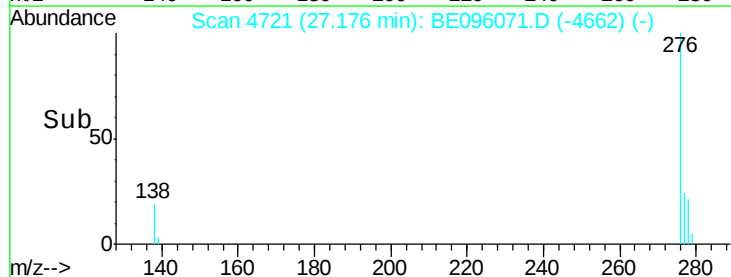
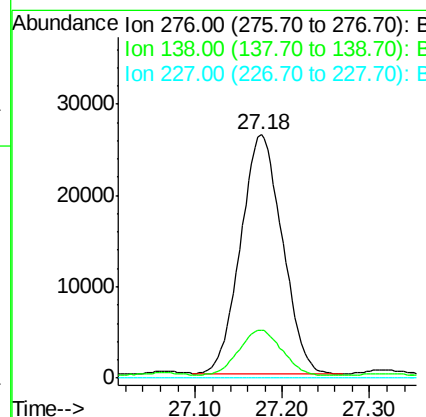
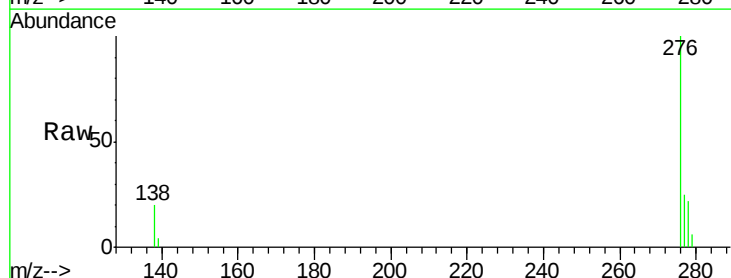
Instrument :
BNA_E
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C0AC2

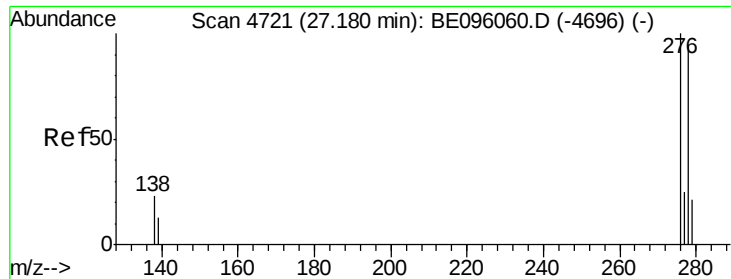
Tot Ion:252 Resp: 124276
Ion Ratio Lower Upper
252 100
253 23.3 28.5 42.7#
125 10.9 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 3.783 ng/ul
RT: 27.18 min Scan# 4721
Delta R.T. 0.01 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

Tgt Ion:276 Resp: 87044
Ion Ratio Lower Upper
276 100
138 19.8 28.0 42.0#
227 0.0 8.0 12.0#

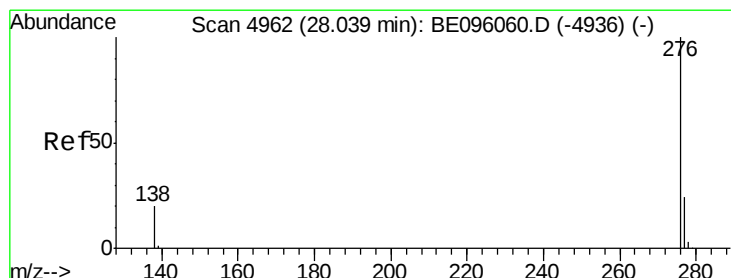
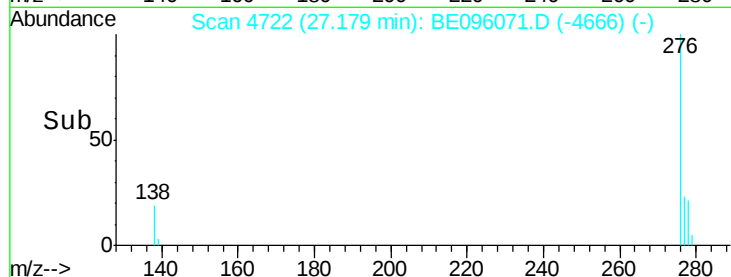
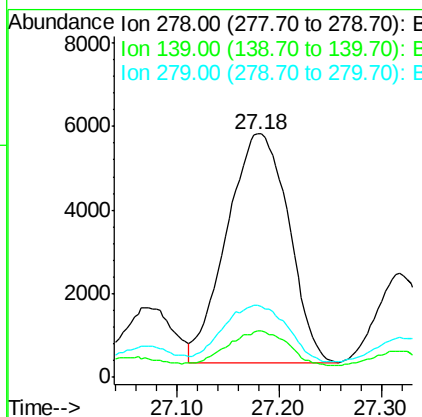
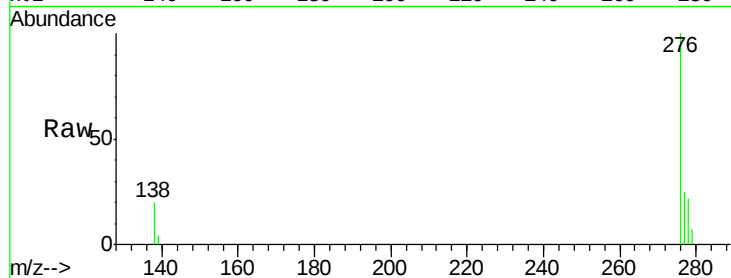




#25
Dibenzo(a,h)anthracene
Concen: 1.238 ng/uL
RT: 27.18 min Scan# 4722
Delta R.T. -0.00 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

Instrument :
BNA_E
ClientSampleId :
C0AC2

Tot Ion:278 Resp: 22943
Ion Ratio Lower Upper
278 100
139 19.2 17.4 26.0
279 29.3 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 4.342 ng/uL
RT: 28.05 min Scan# 4967
Delta R.T. 0.01 min
Lab File: BE096071.D
Acq: 21 Apr 2018 9:33

Tgt Ion:276 Resp: 83446
Ion Ratio Lower Upper
276 100
138 20.3 21.8 32.8#
277 24.6 20.5 30.7

