

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096067.D
 Acq On : 21 Apr 2018 7:13
 Operator : SJ/JU
 Sample : J2434-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

Quant Time: Apr 23 01:09:34 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

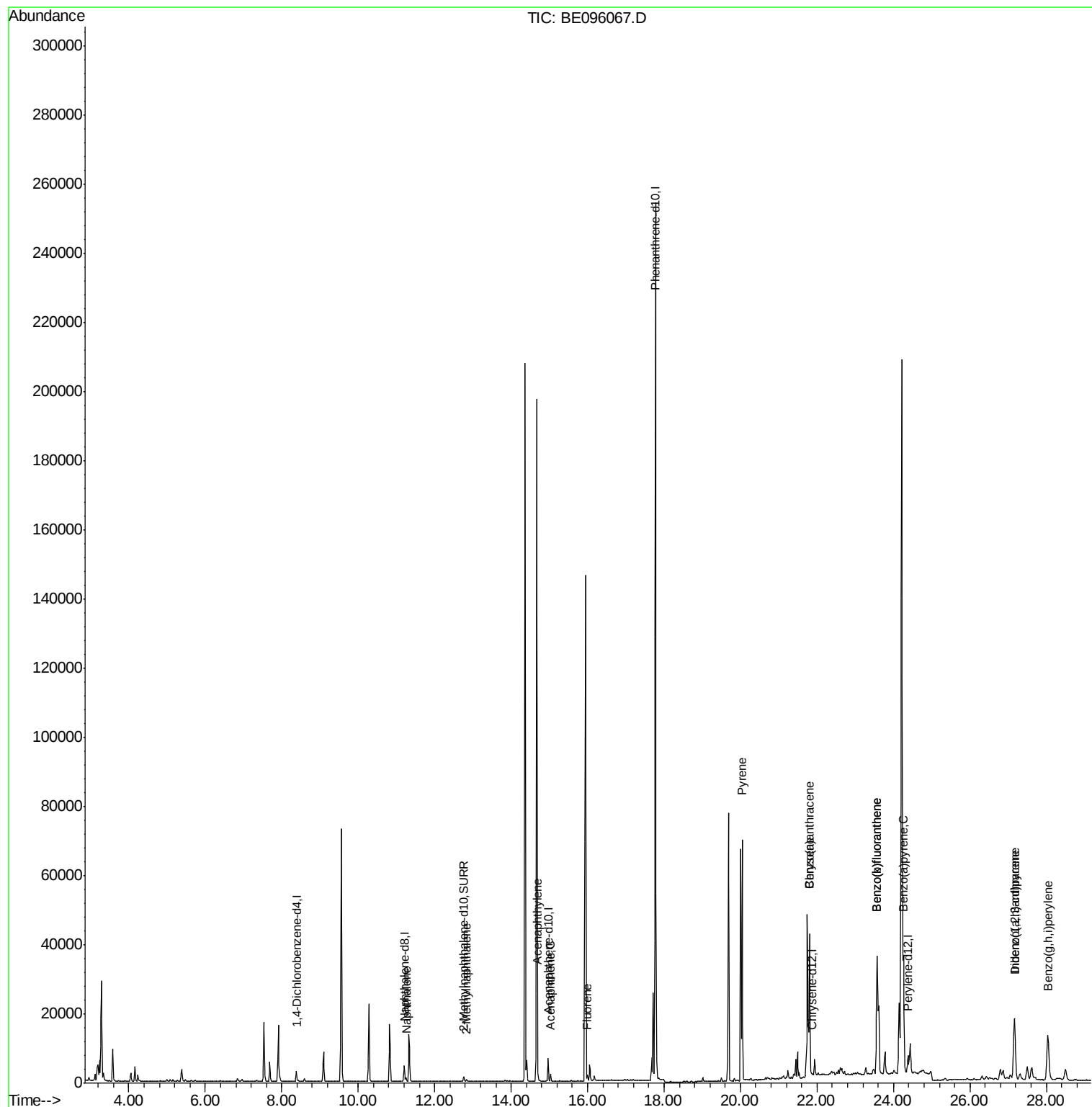
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2145	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3570	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	302878	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	13	0.40	ng/ul	0.11
20) Perylene-d12	24.38	264	8213	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1838	0.16	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	1295	0.075	ng/ul#	84
5) 2-Methylnaphthalene	12.83	142	501	0.043	ng/ul	99
7) Acenaphthylene	14.70	152	1843	0.100	ng/ul	94
8) Acenaphthene	15.03	153	1226	0.092	ng/ul	95
9) Fluorene	15.99	166	1205	0.080	ng/ul	90
17) Pyrene	20.04	202	79418	1797.826	ng/ul#	79
18) Benzo(a)anthracene	21.80	228	44164	840.903	ng/ul#	83
19) Chrysene	21.80	228	44092	1166.463	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	92354	3.475	ng/ul	85
22) Benzo(k)fluoranthene	23.57	252	92354	3.488	ng/ul#	86
23) Benzo(a)pyrene	24.26	252	48962	1.909	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.17	276	34195	1.200	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.18	278	8915	0.388	ng/ul	97
26) Benzo(g,h,i)perylene	28.04	276	33594	1.411	ng/ul#	94

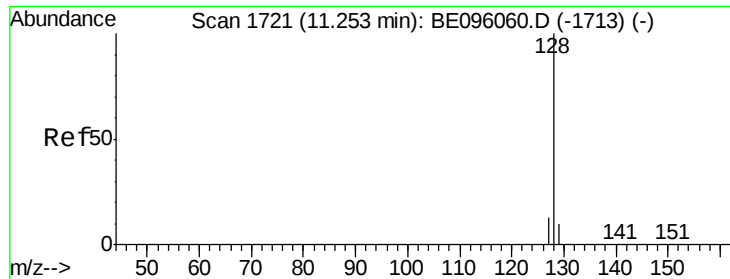
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.075 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

ClientSampleId :

C0AD0

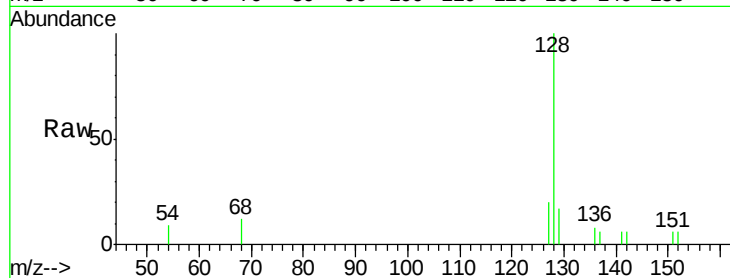
Tot Ion:128 Resp: 1295

Ion Ratio Lower Upper

128 100

129 16.7 11.3 16.9

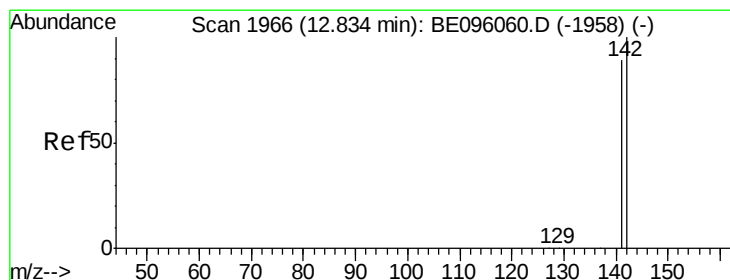
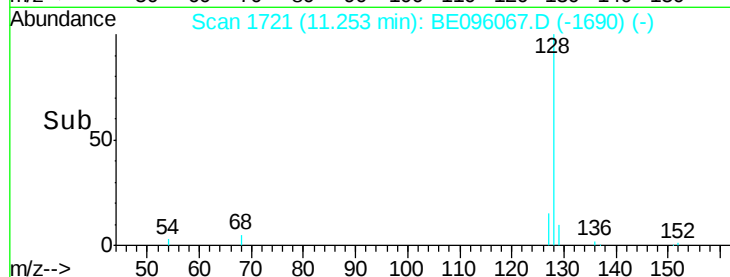
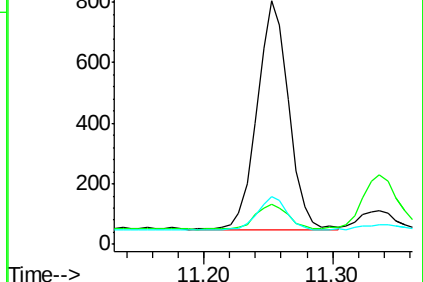
127 19.9 4.0 6.0#



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: 0.043 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE096067.D

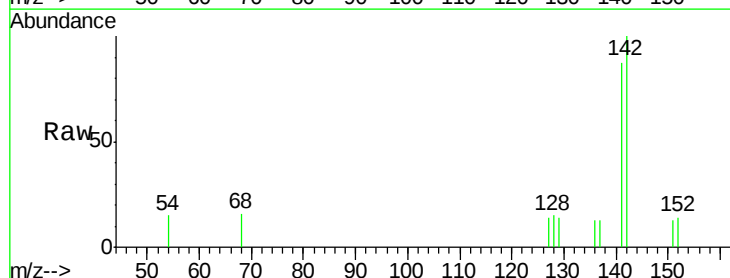
Acq: 21 Apr 2018 7:13

Tgt Ion:142 Resp: 501

Ion Ratio Lower Upper

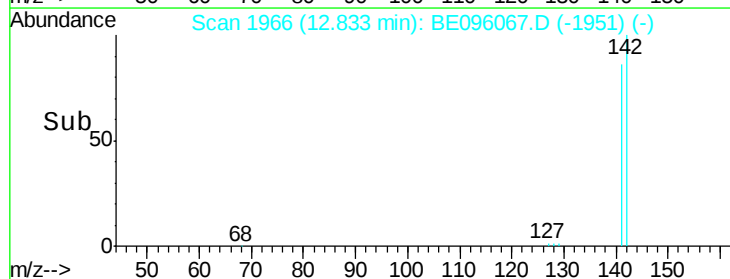
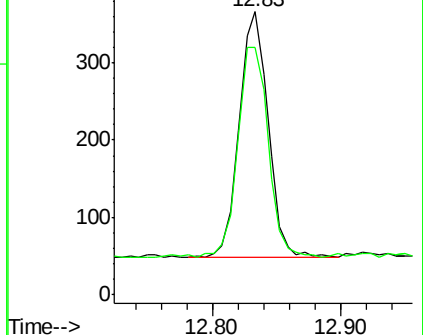
142 100

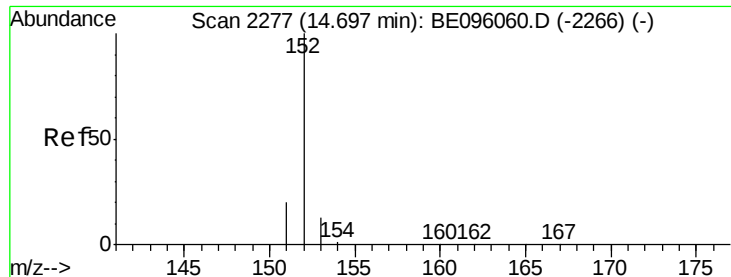
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.100 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

ClientSampleId :

C0AD0

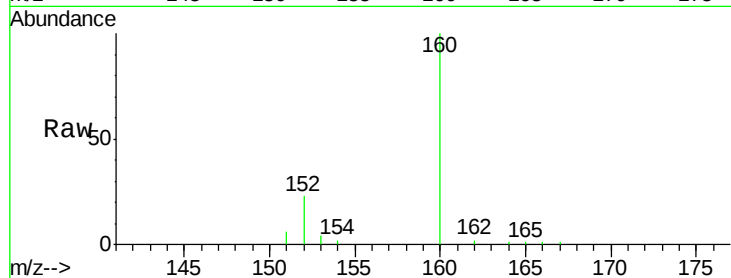
Tot Ion:152 Resp: 1843

Ion Ratio Lower Upper

152 100

151 24.8 17.1 25.7

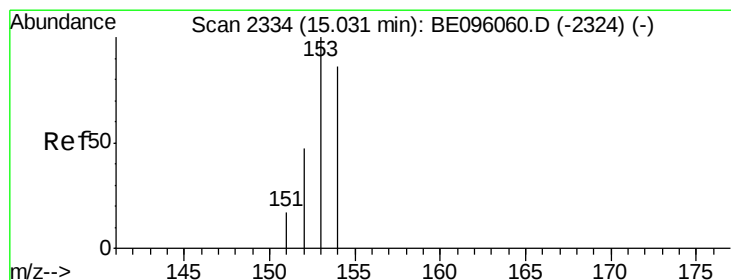
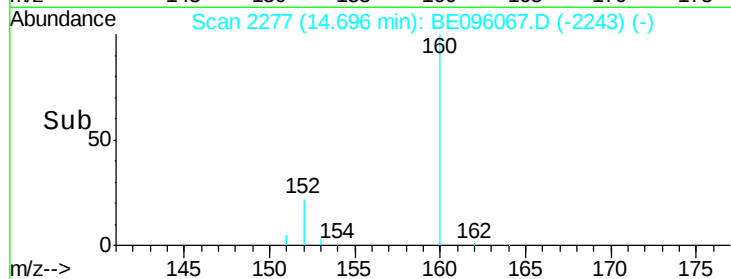
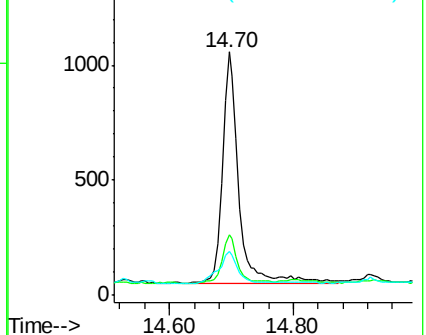
153 17.8 12.8 19.2



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: 0.092 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

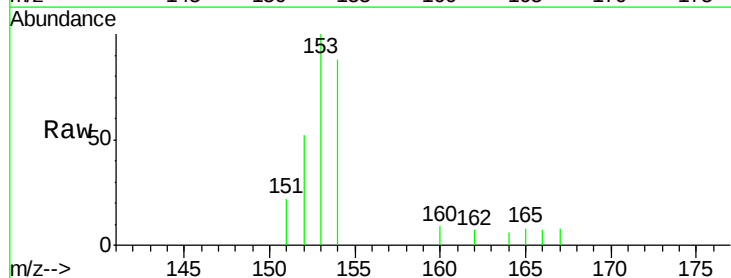
Tgt Ion:153 Resp: 1226

Ion Ratio Lower Upper

153 100

152 52.0 36.0 54.0

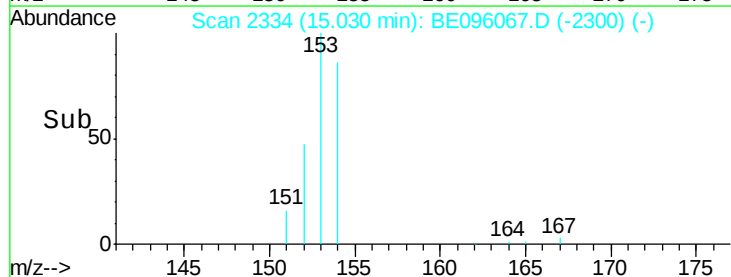
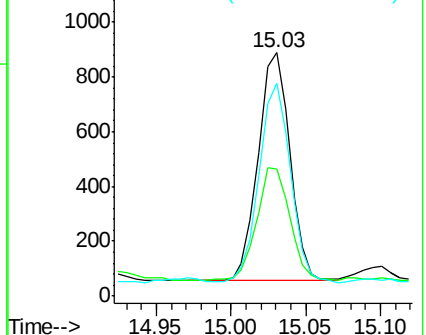
154 87.6 72.0 108.0

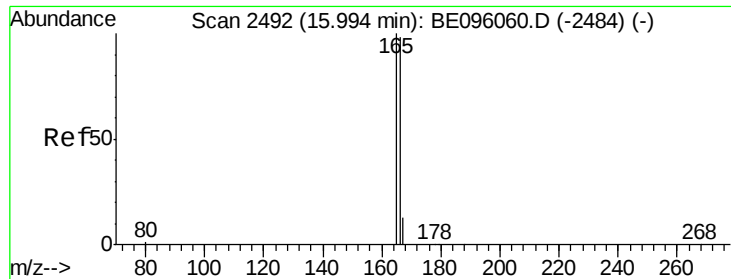


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.080 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

ClientSampleId :

C0AD0

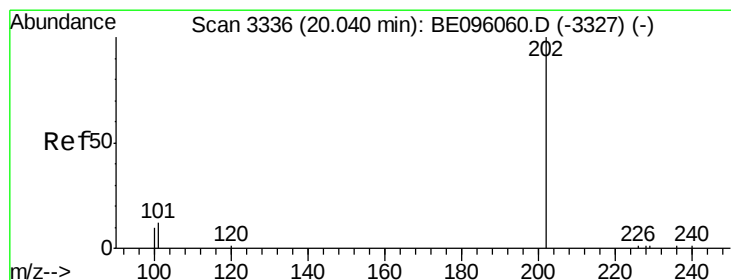
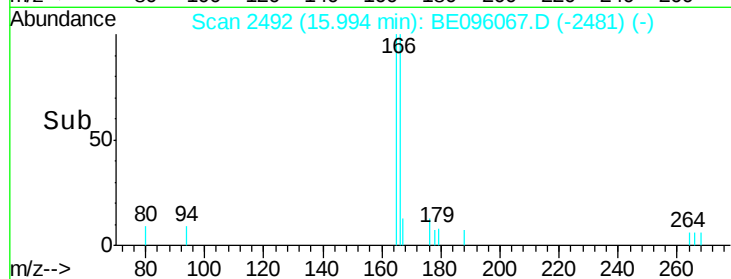
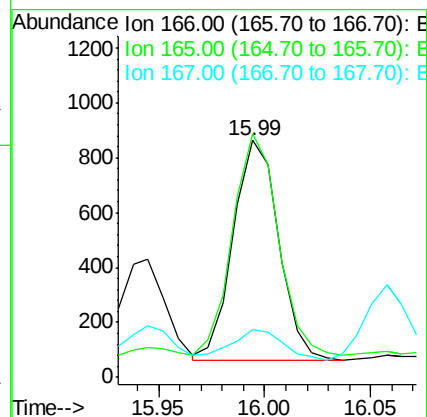
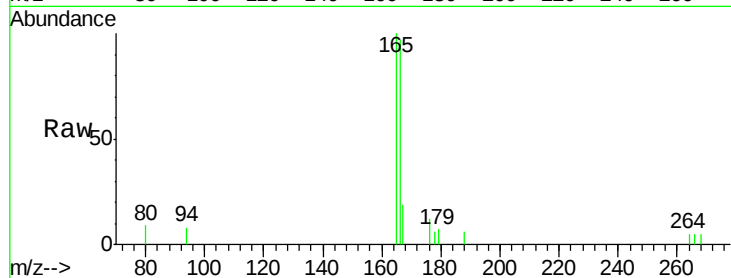
Tot Ion:166 Resp: 1205

Ion Ratio Lower Upper

166 100

165 102.8 73.4 110.2

167 19.9 14.6 22.0



#17

Pyrene

Concen: 1797.826 ng/ul

RT: 20.04 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

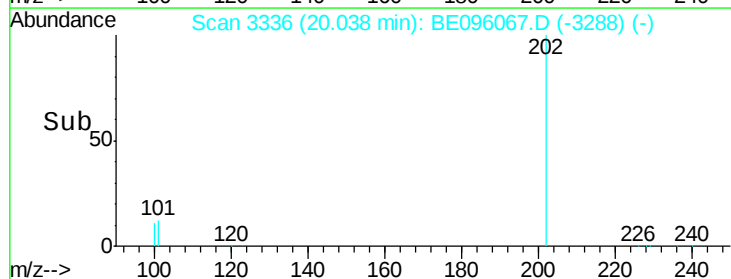
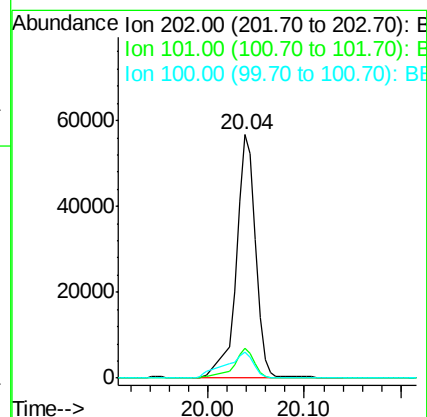
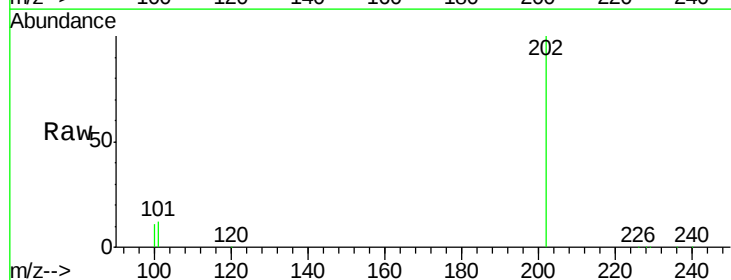
Tgt Ion:202 Resp: 79418

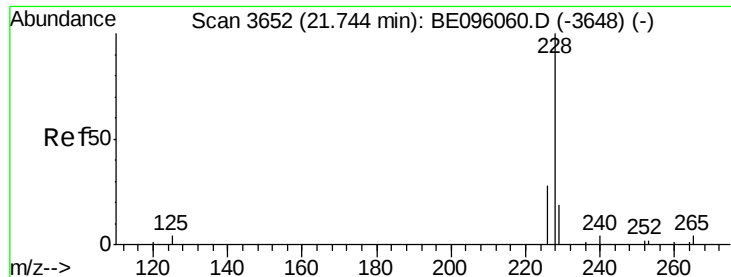
Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

100 10.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 840.903 ng/ul

RT: 21.80 min Scan# 3660

Delta R.T. 0.06 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

ClientSampleId :

C0AD0

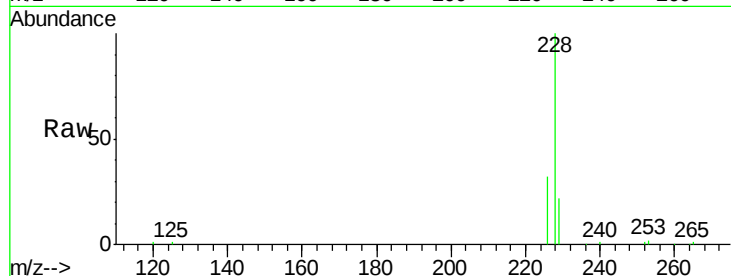
Tot Ion:228 Resp: 44164

Ion Ratio Lower Upper

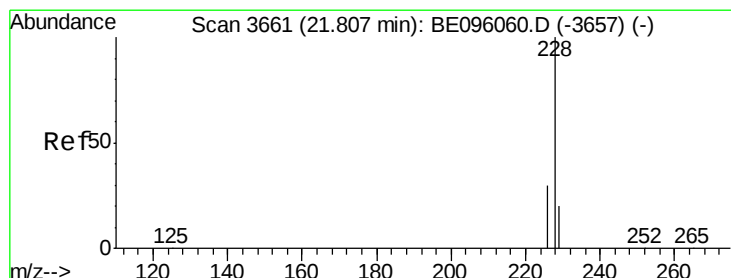
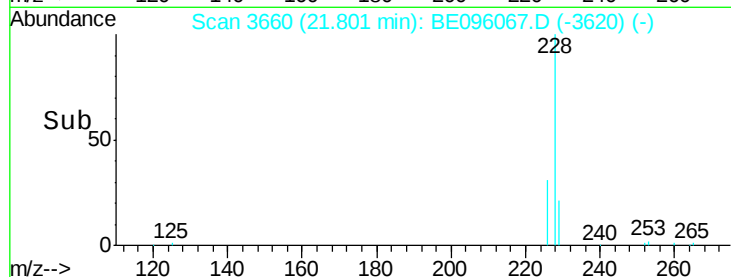
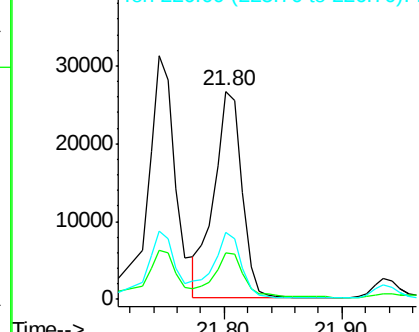
228 100

229 22.1 22.8 34.2#

226 31.9 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: 1166.463 ng/ul

RT: 21.80 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

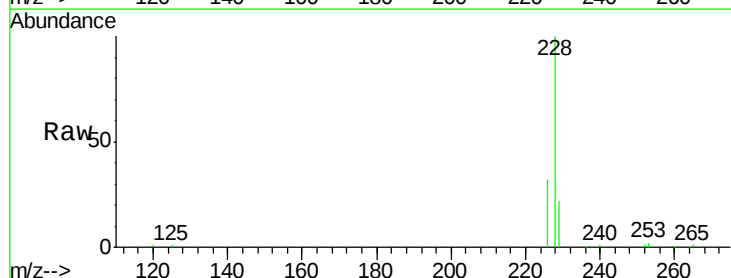
Tgt Ion:228 Resp: 44092

Ion Ratio Lower Upper

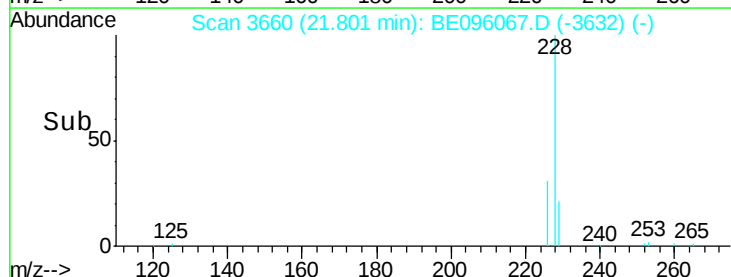
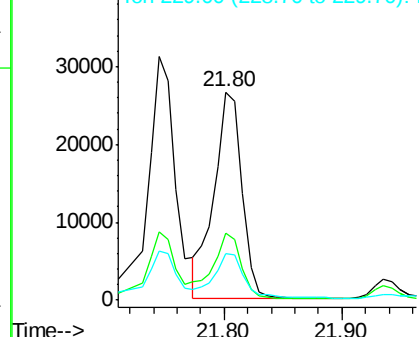
228 100

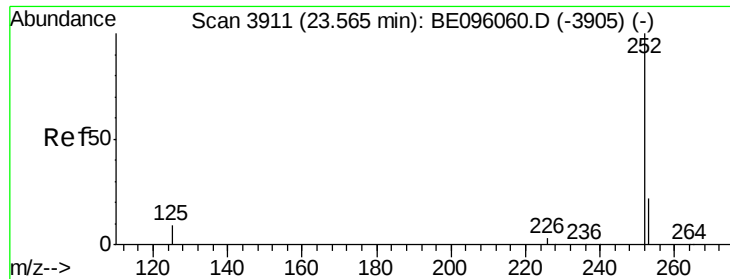
226 31.9 23.4 35.0

229 22.1 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

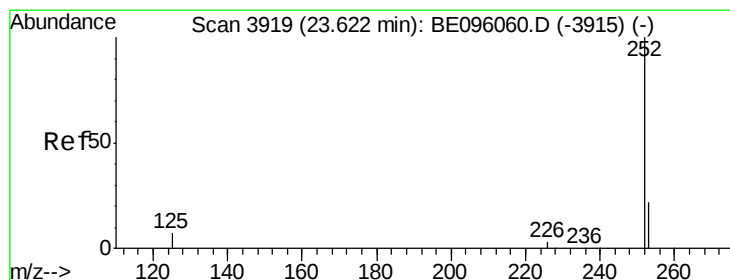
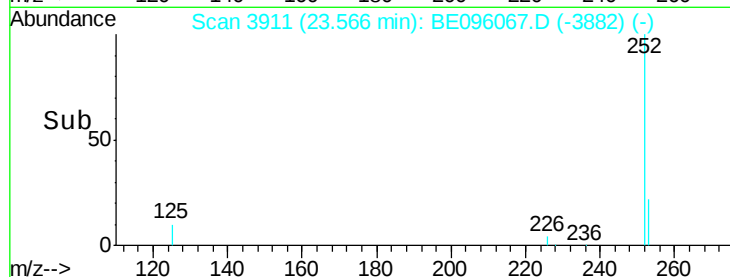
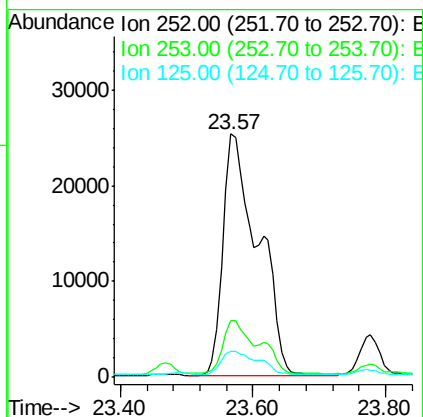
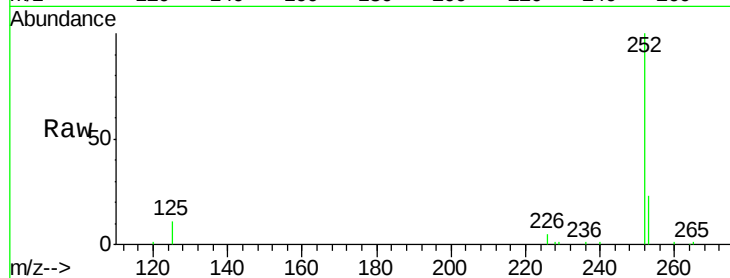




#21
Benzo(b)fluoranthene
Concen: 3.475 ng/ul
RT: 23.57 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BE096067.D
Acq: 21 Apr 2018 7:13

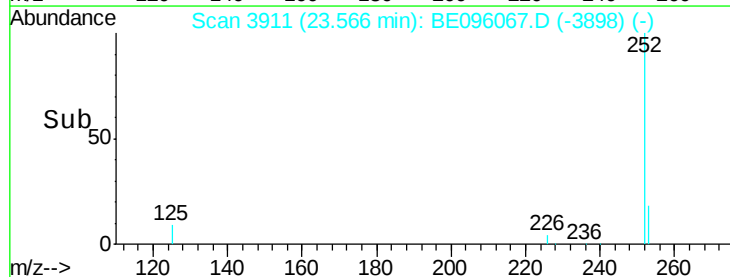
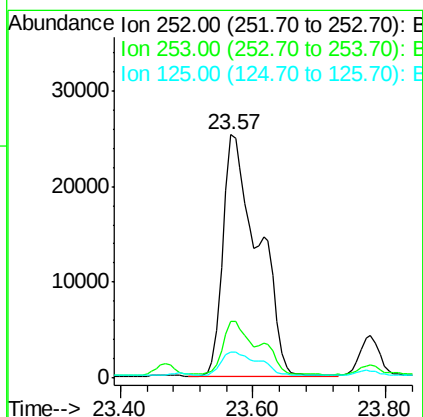
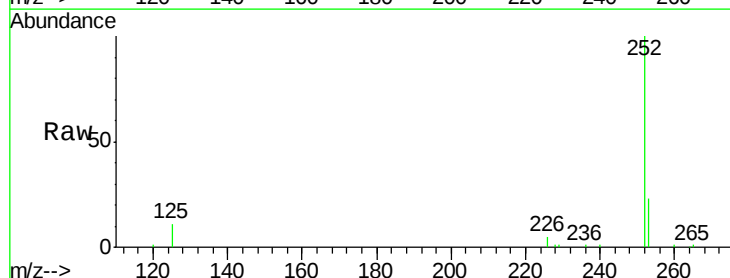
Instrument :
BNA_E
ClientSampleId :
C0AD0

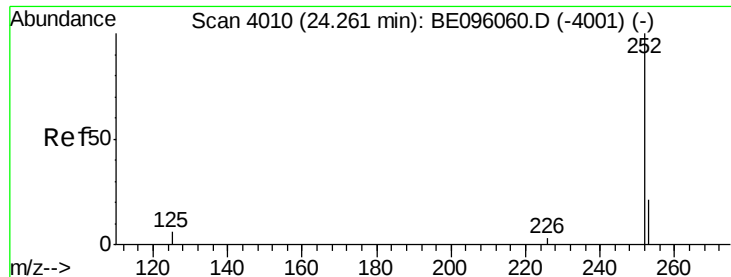
Tot Ion:252 Resp: 92354
Ion Ratio Lower Upper
252 100
253 23.4 0.0 64.2
125 10.8 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 3.488 ng/ul
RT: 23.57 min Scan# 3911
Delta R.T. -0.06 min
Lab File: BE096067.D
Acq: 21 Apr 2018 7:13

Tgt Ion:252 Resp: 92354
Ion Ratio Lower Upper
252 100
253 23.4 24.5 36.7#
125 10.8 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 1.909 ng/ul

RT: 24.26 min Scan# 4010

Delta R.T. 0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

Instrument :

BNA_E

ClientSampleId :

C0AD0

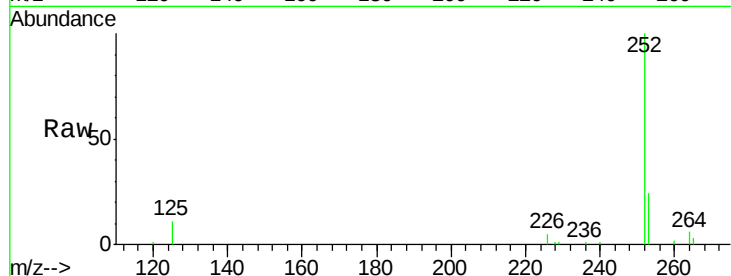
Tot Ion:252 Resp: 48962

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

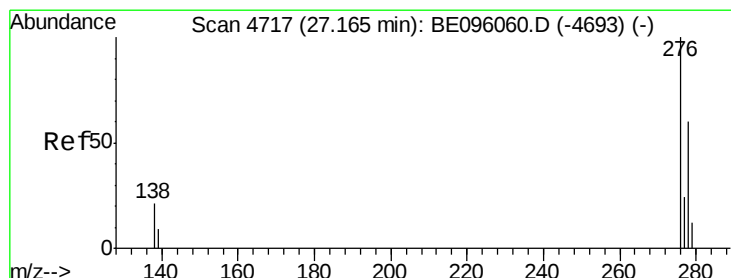
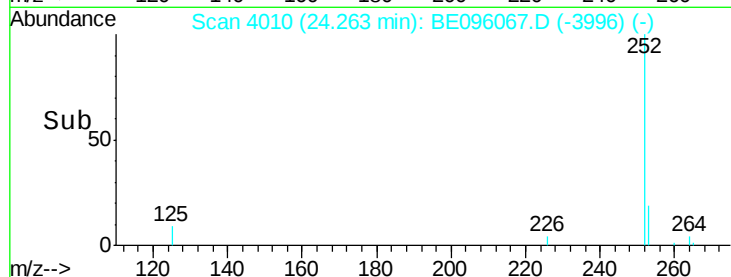
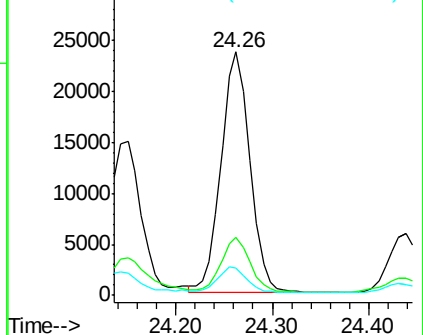
125 11.2 18.1 27.1#



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: 1.200 ng/ul

RT: 27.17 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BE096067.D

Acq: 21 Apr 2018 7:13

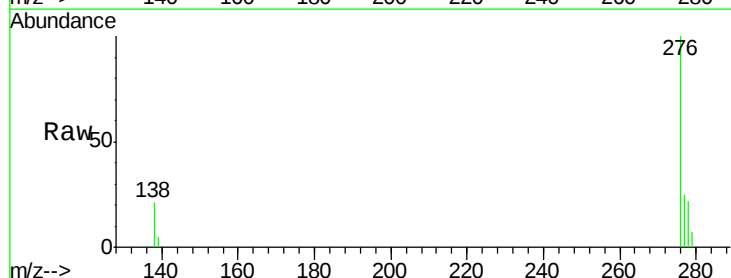
Tgt Ion:276 Resp: 34195

Ion Ratio Lower Upper

276 100

138 19.7 28.0 42.0#

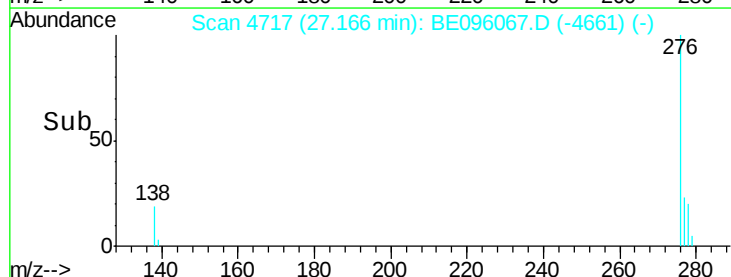
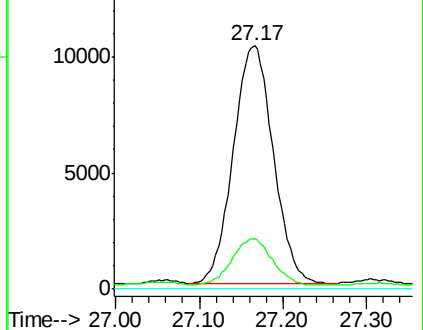
227 0.0 8.0 12.0#

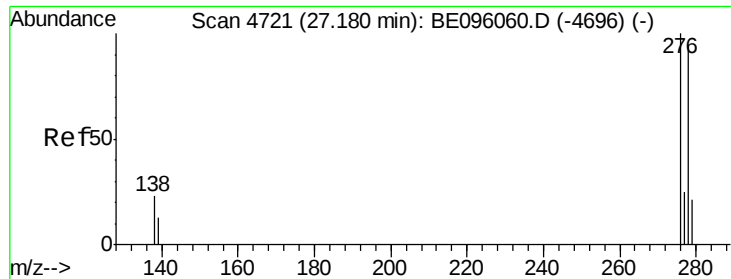


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

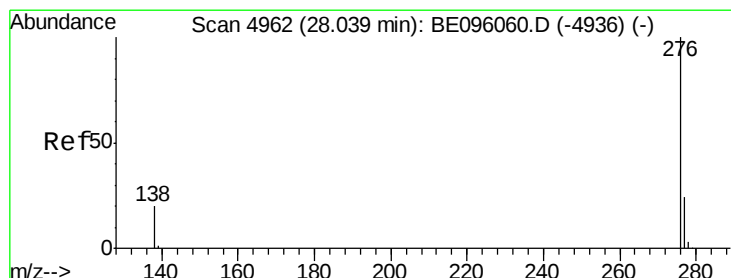
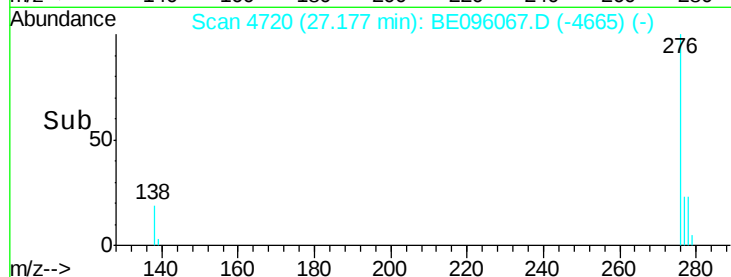
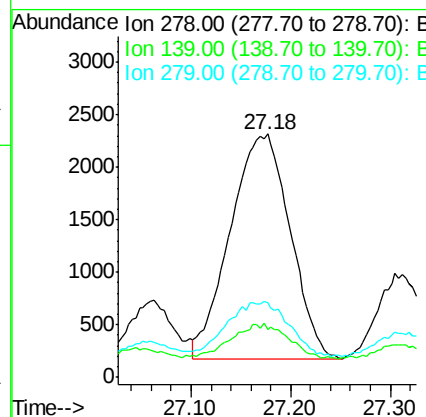
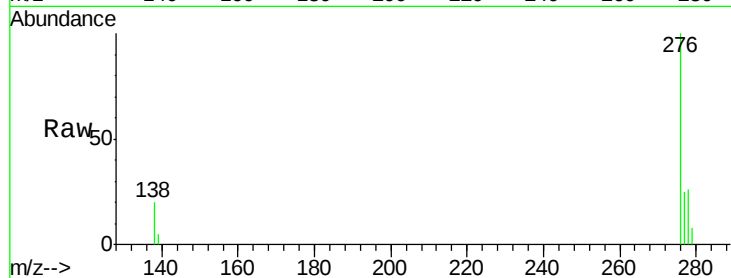




#25
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 27.18 min Scan# 4720
Delta R.T. -0.00 min
Lab File: BE096067.D
Acq: 21 Apr 2018 7:13

Instrument :
BNA_E
ClientSampleId :
C0AD0

Tot Ion:278 Resp: 8915
Ion Ratio Lower Upper
278 100
139 19.9 17.4 26.0
279 30.6 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 1.411 ng/ul
RT: 28.04 min Scan# 4961
Delta R.T. -0.00 min
Lab File: BE096067.D
Acq: 21 Apr 2018 7:13

Tgt Ion:276 Resp: 33594
Ion Ratio Lower Upper
276 100
138 21.2 21.8 32.8#
277 25.6 20.5 30.7

